Standard Bidding Document

Construction of New Islamabad Convention, Exhibition and Expo Centre, Islamabad
(Works)

National

Single Stage-Two Envelope

October 30, 2026

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REQUEST FOR BIDS

PROCUREMENT OF CIVIL WORKS

1. The **Works Directorate (Capital Development Authority)** has reserved Funds for the procurement planned for FY **2026-27**. The **Works Directorate (Capital Development Authority)** intends to apply part of the proceeds of this Fund to cover eligible payments under the contract for the "**Construction of New Islamabad Convention, Exhibition and Expo Centre, Islamabad** " with the reference of **"P119785"**

2. The **Works Directorate (Capital Development Authority)** invites electronic Bids from eligible Bidders for procurement of Works **(Construction of New Islamabad Convention, Exhibition and Expo Centre, Islamabad)** described in the bidding documents on **EPADS v2.0**.

3. **Single Stage-Two Envelope** will be used by adopting **Least Cost Based Selection (LCBS)** Technique for the subject procurement, in line with the Public Procurement Rules, 2004 and any Regulations, Regulatory Guides, Procurement Guidelines or Instructions issued by the Authority from time to time.

4. All Bids must be accompanied by a Bid Security amounting described in Bid Security Section in Bidding Document in the form of . Or all bids must be accompanied by bid securing declaration in the format specified in the Bidding documents

5. E-Bidding documents, containing detailed terms & conditions, specifications and requirements etc. are available on **e-Pak Acquisition and Disposal System (EPADS)** at **https://epads.gov.pk/opportunities/federal/procurements/119785** for all the interested bidders registered on **EPADS v2.0**. Bidders are required to get themselves registered on **EPADS v2.0** to participate in Bidding process.

6. The e-bids, prepared in accordance with the instructions in the e-Bidding documents, must be submitted through **EPADS v2.0** on or before **Monday, November 9, 2026 11:00 AM**. E-bids will be opened by using **EPADS v2.0** on the same day at **Monday, November 9, 2026 11:30 AM**. Manual

submission of Bids shall not be entertained. Those vendor who have not yet registered on the new version of **EPADS v2.0**, may register themselves on **https://vendors.epads.gov.pk/**. A tutorial to explain the registration process is available at **https://www.youtube.com/watch?v=MNW6T38v7tc.**

In terms of Rules 48 of Public Procurement Rules, 2004 Grievance Redressal Committee (GRC) is notified for the subject procurement and notification copy is available on the procuring agency's website and on Authority's website at (**www.ppra.gov.pk**).

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Instructions to Bidders

A. INTRODUCTION

1. **Scope of Bid**

1.1. The Procuring agency/Employer (PA), as indicated in the **Bid Data Sheet** (BDS) invites Bids for the execution of Works as specified in the BDS and **Section V- Works Requirements**. The name, identification, and number of lots (contracts) of this National/ International Competitive Bidding process are specified in the BDS.

2. **Source of Funds**

2.1. Source of funds as referred in Clause 2 of Bid Data Sheet.

3. **Eligible Bidders**

3.1. A bidder may be natural person, company or firm or public or semi-public agency of Pakistan or any foreign country, or any combination of them with a formal existing agreement (on Judicial Papers) in the form of a joint venture or consortium. In the case of a joint venture or consortium, all members shall be jointly and severally liable for the execution of the Contract in accordance with the terms and conditions of the Contract. The joint venture or consortium shall nominate a Lead Member as nominated in the BDS, who shall have the authority to conduct all business for and on behalf of any and all the members of the joint venture or consortium during the Bidding process, and in case of award of contract, during the execution of contract. Verifiable copy of the agreement that forms a joint venture, consortium or association shall be required to be submitted as part of the Bid.

Any bid submitted by the joint venture, consortium or association shall indicate the part of proposed contract to be performed by each party and each party shall be evaluated (or post qualified if required) with respect to its contribution only, and the responsibilities of each party shall not be substantially altered without prior written approval of the Procuring Agency and in line with any instructions issued by the Authority.

(The limit on the number of members of JV or Consortium may be prescribed

in BDS, in accordance with the guidelines issued by the KPPRA).

3.2. The invitation for bids is open to all prospective bidders subject to any provisions of incorporation or licensing by the respective national/ international incorporating agency or statutory body established for that particular trade or business. Procuring agencies shall specify the registration/licensing requirements for the foreign bidder keeping in view the requirement of that business.

3.3. A Bidder shall not have a conflict of interest. All Bidders found to have a conflict of interest shall be disqualified. A Bidders may be considered to have a conflict of interest with one or more parties in this Bidding process, if they:

3.3.1. are associated or have been associated in the past, directly or indirectly with a firm or any of its affiliates which have been engaged by the Procuring agency/Employer to provide consulting services for the preparation of design or technical specifications of the works that are the subject of the bid; or

3.3.2. have controlling shareholders in common; or

3.3.3. receive or have received any direct or indirect subsidy from any of them; or

3.3.4. have the same legal representative for purposes of this Bid; or

3.3.5. have a relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another bidder, or influence the decisions of the Procuring agency/Employer regarding this Bidding process; or

3.3.6. Submit more than one bid in this bidding process.

3.4. A Bidder may be ineligible if –

3.4.1. he is declared bankrupt or, in the case of company or firm, insolvent;

3.4.2. payments in favor of the bidder is suspended in accordance with the judgment of a court of law other than a judgment declaring bankruptcy and resulting (in accordance with the national laws) in the total or partial loss of the right to administer and dispose of its property;

3.4.3. the bidder is convicted, by a final judgment of a Court of Law or relevant Professional Statuary Body, of any offence involving professional conduct;

3.4.4. The bidder is debarred/ blacklisted by a national level Procuring agency/Employer and hence debarred due to involvement in corrupt and fraudulent practices, or performance failure or due to breach of bid securing declaration.

3.5. As and when required, bidders shall provide to the Procuring agency/Employer evidence of their eligibility, proof of compliance with the necessary legal requirements to carry out the contract effectively.

3.6. Bidders shall submit proposal relating to the nature, conditions and modalities of sub-contracting wherever the sub-contracting of any elements of the contract is envisaged.

4. **Eligible Material and Equipment**

4.1. All the material and equipment to be mobilized under the contract shall have their origin in eligible source countries, and all expenditures made under the contract will be limited to such materials and equipment. For this purpose, ineligible countries are stated in the section-IV titled as “Eligible Countries”.

B. BIDDING DOCUMENTS

5. **Contents of Bidding Documents**

5.1. The scope of Works, bidding procedures, and terms and conditions of the contract are prescribed in the bidding documents. In addition to the Invitation for Bids, the bidding documents which should be read in

conjunction with any addenda issued in accordance with ITB 7.1 include:

i. Section I -Invitation for Bids

ii. Section II Instructions to Bidders (ITBs)

iii. Section III Bid Data Sheet (BDS)

iv. Section IV Eligible Countries

v. Section V Evaluation and Qualification Criteria

vi. Section VI Works Requirements Technical Specifications & Schedule of Requirements

vii. Section VII Standard Bidding Forms

viii. Section VIII General Conditions of Contract (GCC)

ix. Section IX Particular Conditions of Contract (PCC)

x. Section X Contract Forms

5.2. The bidder is expected to examine all instructions, forms, specifications, terms and conditions prescribed in the bidding documents. Failure to furnish all the information required in the bidding documents will be at the bidder's risk and may result in the rejection of his bid.

6. **Clarification of Bidding Document, Pre-bid Meeting**

6.1. A prospective bidder requiring any clarification of the bidding document may notify the Procuring agency/Employer through **EPADS v2.0**.

6.2. The Procuring agency/Employer shall respond to the request for clarification in accordance with the Public Procurement Rules 2004, Rule No.31 i.e. **Clarification of bids**.

6.3. Should the Procuring Agency deem it necessary to amend the BIDDING document as a result of a clarification, it shall do so following the procedure under **ITB 7**.

6.4. If indicated in the **BDS**, the bidder's designated representative is invited at the bidder's cost to attend a pre-bid meeting at the place, date and time mentioned in the BDS. During this pre-bid meeting, prospective bidders may request clarification of the schedule of requirement, the evaluation criteria or any other aspects of the bidding documents.

6.5. Minutes of the pre-bid meeting, if applicable, including the text of the questions asked by bidders, including those during the meeting (without identifying the source) and the responses given, together with any responses prepared after the meeting will be uploaded on **EPADS v2.0**. Any modification to the bidding documents that may become necessary as a result of the pre-bid meeting shall be made by the Procuring agency/Employer exclusively through the use of an Addendum pursuant to **ITB 7**. Non-attendance at the pre-bid meeting will not be a cause for disqualification of a bidder.

6.6. The bidder is advised to visit and examine the Site of Works and its surroundings and obtain for itself on its own responsibility all information that may be necessary for preparing the bid and entering into a contract for construction of the Works. The costs of visiting the Site shall be at the bidder's own expense.

6.7. The bidder and any of its authorized personnel will be granted permission by the Procuring agency/Employer to enter upon its premises and lands for the purpose of such visit, but only upon the express condition that the bidder and its personnel will release and indemnify the Procuring agency/Employer from and against all liability in respect thereof, and will be responsible for death or personal injury, loss of or damage to property, and any other loss, damage, costs, and expenses incurred as a result of the inspection.

7. **Amendment of Bidding Documents**

7.1. The procuring agency may issue notification of any change, addition, modification or deletion in accordance with the KPP Rules 2014 i.e. **Bidding Documents**.

7.2. To give prospective bidders reasonable time in which to take an addendum/corrigendum into account in preparing their bids, the Procuring

agency/Employer may, at its discretion, extend the deadline for the submission of bids:

Provided that the Procuring agency/Employer shall extend the deadline for submission of bid in pursuance of KPP Rules 2014, i.e. ***Extension of time for submission of bids****, if such an addendum is issued within last three (03) days of the bid submission deadline.*

C. PREPARATION OF BIDS

8. Language of Bid

8.1. The bid prepared by the bidder, as well as all correspondence and documents relating to the bid exchanged by the bidder and the Procuring agency/Employer shall be written in the English language unless specified in the **BDS**. Supporting documents and printed literature furnished by the bidder may be in another language provided they are accompanied by an accurate translation of the relevant pages in the English language unless specified in the **BDS**, in which case, for purposes of interpretation of the bidder, the translation shall govern.

9. **Documents Constituting the Bids**

9.1. The Bids prepared by the Bidder shall constitute of all the documents required in the **BDS**.

10. **Documents Establishing Eligibility of Material, Equipment and Works, their Conformity to Bidding Documents**

10.1. The bid prepared by the bidder shall constitute the following components: -

10.1.1. Documentary evidence established in accordance with **ITB 10** that the material and equipment to be utilized by the Bidder for the executions of works are eligible material and equipment and conform to the Bidding Documents;

10.1.2. Documentary evidence established in accordance with **ITB 11** that the bidder has been authorized to carry out the Construction works;

10.1.3. Documentary evidence established in accordance with **ITB 11** that the bidder is eligible and/or qualified for the subject bidding process;

10.1.4. Form of Bid and Bid Prices completed in accordance with **ITB 12** and **13**;

10.1.5. Completed schedules as required, including priced Bill of Quantities in accordance with **ITB 13**.

10.1.6. Technical Proposal completed in all aspects in accordance with **ITB-15**.

10.1.7. Bid security or Bid Securing Declaration furnished in accordance with **ITB 17**;

10.1.8. Any other document required in the **BDS**.

10.2. In addition to the requirements, bids submitted by a JV shall include a copy of the Joint Venture Agreement entered into by all members. Alternatively, a letter of intent to execute a Joint Venture Agreement in the event of a successful bid shall be signed by all members and submitted with the bid, together with a copy of the proposed Agreement.

10.3. The bidder shall furnish, as part of its bid, all those documents establishing the eligibility in conformity to the terms and conditions specified in the bidding documents for all material, equipment and works which the bidder proposes to execute.

10.4. The documentary evidence of conformity of the material, equipment and works to the Bidding Documents may be in the form of literature, drawings, and data, and shall consist of:

10.4.1. a detailed description of the work methodology, approach, schedule and resources to be mobilized at site;

10.4.2. an item-by-item commentary on the Procuring agency/Employer's Technical Specifications demonstrating substantial responsiveness of the material, equipment and works to those specifications, or a statement of deviations and exceptions to the provisions of the Technical Specifications;

10.4.3. any other procurement specific documentation requirement as stated in the **BDS**.

10.5. The required documents and other accompanying documents must be in English. In case any other language than English is used the pertinent translation into English shall be attached to the original version.

11. **Documents Establishing Eligibility and Qualification of the Bidder**

11.1. The bidder shall furnish, as part of its bid, all those documents establishing the bidder's eligibility to participate in the bidding process and/or its qualification to perform the contract if its bid is accepted.

11.2. The documentary evidence of the bidder's eligibility to bid shall establish to the satisfaction of the Procuring agency/Employer that the bidder, at the time of submission of its bid, is from an eligible country as defined in Section-IV titled as "Eligible Countries".

11.3. The documentary evidence of the bidder's qualification to perform the contract if its bid is accepted shall establish to the satisfaction of Procuring agency/Employer that:

11.3.1. The bidder has the financial and technical capability necessary to perform the Contract, meets the qualification criteria specified in Section-V, Evaluation and Qualification Criteria and **BDS**.

11.3.2. In the case of a bidder not doing business within Pakistan, the bidder is or will be (if awarded the contract) represented by a local bidder (Joint Venture) in accordance with the PEC works bylaws, and in case of award of works such foreign firm is required to participate in the execution of works to carry out its obligations as prescribed in the Conditions of Contract and /or Technical Specifications.

11.3.3. That the bidder meets the qualification criteria listed in Section-V, Evaluation and Qualification Criteria and **BDS**.

12. **Forms of Bid**

12.1. The Bidder shall fill the Form of Bids furnished in the bidding documents. The Bids Form must be completed without any alterations to its format and no substitute shall be accepted.

13. **Bid Prices**

13.1. The bid prices quoted by the bidder in the Standard bid Forms, Bill of Quantities and in the Price Schedules shall conform to the requirements specified below or exclusively mentioned hereafter in the bidding documents.

13.2. The bidder shall fill in rates and prices for all items of the Works described in the Bill of Quantities. If a Price Schedule shows items listed but not priced, their prices shall be construed to be included in the prices of other items in the Bill of Quantities and will not be paid for separately by the Procuring agency/Employer.

13.3. Items not listed in the Price Schedule shall be assumed not to be included in the bid, and provided that the bid is still substantially responsive in their absence or due to their nominal nature, the corresponding average price of the respective item(s) of the remaining substantially responsive bidder(s) shall be construed to be the price of those missing item(s):
Provided that:

13.3.1. where there is only one (substantially) responsive bidder, or

13.3.2. where there is provision for alternate proposals and the respective items are not listed in the other bids,
The Procuring agency/Employer may fix the price of missing items in accordance with market survey, and the same shall be considered as final price.

13.4. The Bid price to be quoted in the Form of Bid in accordance with ITB 12 shall be the total price of the bid.

13.5. Unless otherwise specified in the **BDS** and the Contract, the rates and prices quoted by the bidder are subject to adjustment during the performance of the Contract in accordance with the provisions of the Conditions of Contract.

13.6. If so specified in ITB 1.1, bids may be invited for individual lots (contracts) or for any combination of lots (packages).

13.7. Prices quoted by the Bidder shall be fixed during the bidder's performance of the contract and not subject to variation on any account. A bid submitted with an adjustable price will be treated as non-responsive and shall be rejected, pursuant to **ITB 27**, unless otherwise price adjustment is permissible under Conditions of the Contract.

13.8. All duties, taxes, and other levies payable by the Contractor under the Contract, or for any other cause, as of the date twenty-eight (28) days prior to the deadline for submission of bids, shall be included in the rates and prices and the total bid price submitted by the bidder.

14. **Currencies of Bid and Payment**

14.1. Prices shall be quoted in Pakistani Rupees unless otherwise specified in the **BDS**. Comparison of bids and tie of bid shall be treated in accordance with the KPP rules 2014.

15. **Documents Comprising the Technical Proposal**

15.1. The bidder shall furnish a Technical Proposal including a statement of work methods, equipment, personnel, schedule and any other information as stipulated in Section VII – Standard Bid Forms, in sufficient detail to demonstrate the adequacy of the bidder's proposal to meet the work requirements and the completion time.

16. **Bid Validity Period**

16.1. Bids shall remain valid for the period specified in the BDS after the bid submission deadline prescribed by the Procuring agency/Employer. A bid valid for a shorter period shall be rejected by the Procuring agency/Employer as non-responsive. The period of bid validity will be determined from the complementary bid securing instrument i.e. the expiry period of bid security or bid securing declaration as the case may be.

16.2. Under exceptional circumstances, prior to the expiration of the initial Bids/Bid validity period, the Procuring Agency may request the Bidders' consent to an extension of the period of validity of their Bids/Bid. Such request for extension of the period of bid validity shall be carried out in accordance with the KPP rules 2014, i.e. Bid Validity.

17. **Bid Security or Bid Securing Declaration**

17.1. Pursuant to ITB 11.1 unless otherwise specified in the BDS, the bidder shall furnish as part of its bid, a Bid Security in accordance with the KPP Rules 2014, in the amount and currency specified in the BDS or Bid Securing Declaration as specified in the BDS in the format provided in Section VII (Standard Bidding Forms).

In case Procuring agency/Employer is inviting bids in lots / packages, the bidder shall be required to submit his bid security against the respective lot/ package for which he is submitting his bid.

Until the development of functionality of auto verification of financial instrument in **EPADS v2.0**, the scanned copy of bid security or bid securing declaration, as the case may be, shall be uploaded on **EPADS v2.0** whereas the original instrument to be submitted to the procuring agency before closing of bid submission deadline,

17.2. The Bid Security shall be denominated in the local currency or in another freely convertible currency, and it shall be in the form specified in the BDS which shall be in any of the following:

17.2.1. A bank guarantee, an irrevocable letter of credit issued by a Scheduled bank in the form provided in the Bidding Documents or another form acceptable to the Procuring agency/Employer and valid for twenty-

eight (28) days beyond the end of the validity of the Bid. This shall also apply if the period for Bid Validity is extended. In either case, the form must include the complete name of the bidder;

17.2.2. A cashier's or certified cheque; or

17.2.3. Another security as indicated in the **BDS**.

17.3. The Bid Security or Bid Securing Declaration shall be in accordance with the Form of the Bid Security or Bid Securing Declaration included in Section VII (Standard Bidding Forms) or another form approved by the Procuring agency/Employer prior to the bid submission.

17.4. The Bid Security shall be payable promptly upon written demand by the Procuring agency/Employer in case any of the conditions listed in **ITB 17.9** are invoked.

17.5. Any bid not accompanied by a Bid Security or Bid Securing Declaration in accordance with **ITB 17.1 or 17.3** shall be rejected by the Procuring agency/Employer and shall be declared as non-responsive bid, pursuant to **ITB 27**.

17.6. Unsuccessful bidders' Bid Security will be discharged or returned as promptly as possible, however in no case later than thirty (30) days after the expiration of the period of Bid Validity prescribed by the Procuring agency/Employer pursuant to **ITB 16**. The Procuring agency/Employer shall make no claim to the amount of the Bid Security, and shall promptly return the Bid Security document, after whichever of the following that occurs earliest:

17.6.1. The expiry of the Bid Security;

17.6.2. The entry into force of a procurement contract and the provision of a performance security (or guarantee), for the performance of the contract if such a security (or guarantee), is required by the Biding documents;

17.6.3. The rejection by the Procuring agency/Employer of all Bids;

17.6.4. The withdrawal of the bid prior to the deadline for the submission of bids, unless the biding documents stipulate that no such withdrawal is permitted.

17.7. The successful bidder's Bid Security will be discharged upon the bidder signing the contract pursuant to **ITB 40**, or furnishing the performance security (or guarantee), pursuant to **ITB 41**.

17.8. The Bid Security may be forfeited or the Bid Securing Declaration executed:
if a Bidder:

17.8.1. Withdraws its Bid during the period of Bid Validity as specified by the Procuring agency/Employer, and referred by the bidder on the Form of Bid except as provided for in ITB 16.2; or

17.8.2. In the case of a successful bidder, if the bidder fails:

17.8.2.1. to sign the contract in accordance with ITB 40; or

17.8.2.2. to furnish performance security (or guarantee) in accordance with ITB 41.

17.9. In case of Bid Security issued by the foreign bank is allowed by the Procuring agency/Employer, the same should be counter guaranteed by a corresponding bank in Pakistan. Furthermore, in case of joint venture, it should be in the name of Joint venture to ensure joint responsibility. In case the JV is not legally constituted at the time of bid submission, the bid security or bid securing declaration shall be in the names of all future members as named in the letter of bid.

18. **Withdrawal of Bids**

18.1. Before bid submission deadline, any bidder may withdraw, substitute, or modify its bid after it has been submitted by sending a written notice, duly signed by an authorized representative, and the corresponding must accompany the respective written notice.

19. **Format and Signing of Bid**

19.1. The Bidder shall prepare and submit Bids through EPADS with due diligence after carefully reading all the terms and condition before bid submission deadline.

D. SUBMISSION OF BIDS

20. **Submission of Bids**

20.1. All bids shall be submitted through **EPADS v2.0**.

21. **Deadline for Submission of Bids**

21.1. All bids shall be received through **EPADS v2.0** not later than bid submission deadline as specified in the **BDS**.

21.2. The Procuring agency/Employer may, under exceptional circumstances and at its discretion, extend the deadline for the submission of bids, pursuant to KPP Rules 2014, Extension of Time for submission of bid, by amending the Bidding Documents in accordance with ITB 7, in which case all rights and obligations of the Procuring agency/Employer and bidders previously subject to the deadline will thereafter be subject to the new deadline.

22. **Substitution and Modification of bids**

22.1. A bidder may substitute or modify his bid after it has been submitted, provided that written notice of the substitution or modification of the bid, is received by the Procuring agency/Employer prior to the deadline for submission of bids.

22.2. Revised bid may be submitted after the substitution or modification made in the original bid in accordance with the provisions referred in ITB 18.

E. OPENING AND EVALUATION OF BIDS

23. **Opening of Bids**

23.1. The Procuring Agency will open bids in accordance with the KPP rules 2014, as specified in the **BDS**.

24. **Confidentiality**

24.1. Information relating to the examination, clarification, evaluation and comparison of bids and recommendation of contract award shall not be disclosed to bidders or any other persons not officially concerned with such process until the time of the announcement of the respective evaluation report.

25. **Clarification of Bids**

25.1. Clarification of Bidding Documents shall be carried out in accordance with the KPP Rules 2014, i.e. Clarifications.

25.2. The alteration or modification in the bid which in any case affect the following parameters will be considered as a change in the substance of a bid:

25.2.1. evaluation & qualification criteria;

25.2.2. required scope of work;

25.2.3. contract price;

25.2.4. all securities requirements;

25.2.5. tax requirements;

25.2.6. terms and conditions of bidding documents.

25.2.7. change in the ranking of the bidder

26. **Preliminary Examination of Bids**

26.1. Prior to the detailed evaluation of bids, the Procuring agency/Employer will determine whether each bid:

26.1.1. meets the eligibility criteria defined in ITB 3 and ITB 4;

26.1.2. has been prepared as per the format and contents defined by the Procuring agency/Employer in the bidding documents;

26.1.3. has been properly signed;

26.1.4. is accompanied by the required securities; and

26.1.5. is substantially responsive to the requirements of the bidding documents.

The Procuring agency/Employer's determination of a bid's substantial responsiveness will be based on the contents of the bid itself.

26.2. A substantially responsive Bid is one which conforms to all the terms, conditions, and specifications of the Bidding Documents, without material deviation or reservation. A material deviation or reservation is one that: -

26.2.1. affects in any substantial way the scope, quality, or performance of the Works;

26.2.2. limits in any substantial way, inconsistent with the bidding documents, the Procuring agency/Employer's rights or the bidders' obligations under the Contract; or

26.2.3. if rectified, would affect unfairly the competitive position of other bidders presenting substantially responsive bids.

26.3. The Procuring agency/Employer will confirm that the documents and information specified under ITB 9, 10 and 11 have been provided in the bid. If any of these documents or information is missing, or is not provided in accordance with the Instructions to Bidders, the bid shall be rejected.

26.4. The Procuring agency/Employer may waive-off any minor informality, nonconformity, or irregularity in a bid which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any Bidder.

Explanation: A minor informality, non-conformity or irregularity is one that is merely a matter of form and not of substance. It also pertains to some

immaterial defect in a Bid or variation of a bid from the exact requirements of the invitation that can be corrected or waived without being prejudicial to other bidders. The defect or variation is immaterial when the effect on quantity, quality, or delivery is negligible when contrasted with the total cost or scope of the works. The Procuring agency/Employer either shall give the bidder an opportunity to cure any deficiency resulting from a minor informality or irregularity in a bid or waive the deficiency, whichever is advantageous to the Procuring agency/Employer. Examples of minor informalities or irregularities include failure of a bidder to –

26.4.1. Submit the number of copies of signed bids required by the invitation;

26.4.2. Furnish required information concerning the number of its employees;

26.4.3. the firm submitting a bid has formally adopted or authorized, before the date set for opening of bids, the execution of documents by typewritten, printed, or stamped signature and submits evidence of such authorization and the bid carries such a signature.

26.5. Provided that a Technical Bid is substantially responsive, the Procuring agency/Employer may request the bidder to submit the necessary information or documentation, within a reasonable period of time, to rectify nonmaterial nonconformities or omissions in the Technical Bid related to documentation requirements. Requesting information or documentation on such nonconformities shall not be related to any such aspect of the technical Proposal linked with the ranking of the bidders. Failure of the bidder to comply with the request may result in the rejection of its bid.

26.6. Provided that a Technical Bid is substantially responsive, the Procuring agency/Employer shall rectify quantifiable nonmaterial nonconformities or omissions related to the Financial Proposal. To this effect, the Bid Price shall be adjusted, for comparison purposes only, to reflect the price of the missing or nonconforming item or component.

26.7. If a bid is not substantially responsive, it will be rejected by the Procuring agency/Employer and may not subsequently be evaluated for

complete technical responsiveness.

27. **Examination of Terms and Conditions; Technical Evaluation**

27.1. The Procuring agency/Employer shall examine the bid to confirm that all terms and conditions specified in the GCC and the PCC have been accepted by the bidder without any material deviation or reservation.
For this purpose:
"**Deviation**" means departure from the requirements specified in the Bidding Document.
"**Reservation**" means setting of limiting conditions or withholding from complete acceptance of the requirements specified in the Bidding Document.

27.2. The Procuring agency/Employer shall evaluate the technical aspects of the bid submitted in accordance with ITB 30, to confirm that all requirements specified in Section VI – Works Requirement, Technical Specifications of the Bidding Documents have been met without material deviation or reservation.

27.3. If after the examination of the terms and conditions and the technical evaluation, the Procuring agency/Employer determines that the bid is not substantially responsive in accordance with ITB 27, it shall reject the bid.

28. **Correction of Arithmetic Errors**

28.1. Bids determined to be substantially responsive will be checked for any arithmetic errors. Errors will be corrected as follows: -

28.1.1. if there is a discrepancy between unit prices and the sub-total price that is obtained by multiplying the unit price and quantity, the unit price shall prevail, and the sub-total price shall be corrected, unless in the opinion of the Procuring agency/Employer there is an obvious misplacement of the decimal point in the unit price, in which the total price as quoted shall govern and the unit price shall be corrected;

28.1.2. if there is an error in a total corresponding to the addition or subtraction of sub-totals, the sub-totals shall prevail, and the total shall be corrected; and

28.1.3. where there is a discrepancy between the amounts in figures and in words, the amount in words will govern.

28.1.4. Where there is discrepancy between grand total of price schedule and amount mentioned on the Form of Bid, the amount referred in Price Schedule shall be treated as correct subject to elimination of other errors.

28.2. The amount stated in the Bid will, be rectified by the Procuring agency/Employer in accordance with the above procedure for the correction of errors and, with, the concurrence of the bidder, shall be considered as binding upon the bidder. If the bidder does not accept the corrected amount, its bid shall be rejected after forfeiture of Bid Security or execution of the Bid Securing Declaration, as the case may be, in accordance with ITB 41.3.

29. **Conversion to Single Currency**

29.1. The unit rates and the prices shall be quoted by the bidder entirely in Pak rupees. A bidder expecting to incur expenditures in other currencies for inputs to the Works from outside the Procuring agency/Employer's country (referred to as the "Foreign Currency Requirements") shall indicate the same in the letter of bid-financial proposal. The proportion of the Bid Price (excluding Provisional Sums) needed by him for the payment of such Foreign Currency Requirements either (i) entirely in the currency of the Bidder's home country or, (ii) at the bidder's option, entirely in Pak rupees provided always that a bidder expecting to incur expenditures in a currency or currencies other than those stated in (i) and (ii) above for a portion of the foreign currency requirements, and wishing to be paid accordingly, shall indicate the respective portions in his bid. Comparison of bids quoted in different currencies and conversion of bids into a single currency shall be carried out in accordance with the PP Rule 2004, rule no. 30 (2).

30. **Evaluation of Bids**

30.1. The Procuring agency/Employer shall evaluate and compare only the bids determined to be substantially responsive, pursuant to ITB 27.

30.2. In evaluating the Technical Proposal of each Bid, the Procuring agency/Employer shall use the criteria and methodologies listed in the BDS and in terms of works requirement. No other evaluation criteria or methodologies shall be permitted.

30.3. The Procuring agency/Employer's evaluation of a bid will take into account:

30.3.1. the bid price, excluding provisional sums and the provision, if any, for contingencies in the summary bill of quantities, but including day work items, where priced competitively;

30.3.2. converting the amount resulting from applying above, if relevant, to a single currency in accordance with ITB 29;

30.4. The estimated effect of the price adjustment provisions of the Conditions of Contract, applied over the period of execution of the Contract, shall not be taken into account in bid evaluation.

30.5. If these bidding documents allow bidders to quote separate prices for different lots, and the award to a single bidder of multiple lots, the methodology of evaluation to determine the lowest evaluated lot combinations in the Form of Bid, is specified in the BDS.

30.6. If the bid, which results in the Evaluated Bid Price (Successful Bid), is seriously unbalanced or front loaded in the opinion of the Employer, the Employer may require the Bidder to produce detailed price analyses for any or all items of the Bill of Quantities, to demonstrate the internal consistency of those prices with the construction methods and schedule proposed. After evaluation of the price analyses, taking into consideration the schedule of estimated Contract payments, the Employer may require that the amount of the performance security be increased at the expense of the Bidder to a level sufficient to protect the Employer against financial loss in the event of default of the successful Bidder under the Contract.

Explanation:

“Unbalanced” or “front-loaded” bids consist of deliberately submitting bids with artificially high prices or unit rates for the early stages of a construction project, offset by artificially low prices or unit rates for the later stages of the project, to improve the contractor’s cash flow.

31. **Domestic Preference**

31.1. If the BDS so specifies, the Procuring agency/Employer will grant a margin of preference to the domestic contractor in line with the rules, regulations, regulatory guides or instructions issued by the Authority from time to time.

32. **Determination of Successful Bid**

32.1. The Procuring agency/Employer shall compare the evaluated bids in accordance with the predefined bidding procedure, of all substantially responsive bids to determine the Successful bidder.

33. **Qualification of Bidder**

33.1. The Procuring agency/Employer shall determine to its satisfaction whether the bidder is substantially responsive and whose bid is declared as Successful bid either continues to meet (if prequalification applies) or meets (if post-qualification applies) the qualifying criteria specified in Evaluation and Qualification Criteria.
Note: In case of international bidding, the parameters for incorporation or licensing within Pakistan may be fulfilled as part of post qualification.

33.2. The determination shall be based upon an examination of the documentary evidence of the bidder’s qualifications submitted by the bidder, pursuant to ITB 11.

33.3. Prior to contract award, the Procuring agency/Employer will verify that the successful bidder (including each member of a JV) is not blacklisted/debarred. The Procuring agency/Employer will conduct the same verification for each sub-contractor proposed by the successful bidder.

34. **Sub-Contractors**

34.1. The bidder shall provide details regarding any specialized sub-contractor to the Procuring agency/Employer. In case change of sub-contractors, the bidder shall promptly notify the Procuring agency/Employer and obtain approval for replacement of sub-contractors.

34.2. Bidders may propose sub-contracting up to the percentage of total value of contracts or the volume of works as specified in the BDS.

35. **Abnormally Low Financial Bid**

35.1. A procuring Agency may reject abnormally low bids in accordance with the KPP Rules 2014. The decision of the Procuring agency/Employer to reject a bid and reasons for the decision shall be recorded in the procurement proceedings and promptly communicated to the bidder concerned. Moreover, the Procuring agency/Employer shall not incur any liability solely by rejecting abnormally bid

Guidance for Procuring agency/Employer:

An abnormally low bid means, in the light of the Procuring agency/Employer's estimate and of all the bids submitted, the bid appears to be abnormally low by not providing a margin for normal levels of profit. In order to identify the Abnormally Low Bid (ALB) following approaches can be considered to minimize the scope of subjectivity:

35.1.1. Comparing the bid price with the cost estimate;

35.1.2. Comparing the bid price with the bids offered by other bidders submitting substantially responsive bids; and

35.1.3. Comparing the bid price with prices paid in similar contracts in the recent past either government- or development partner-funded.

35.2. The Procuring agency/Employer will determine to its satisfaction whether the bidder that is selected as having submitted the successful bid is qualified to perform the contract satisfactorily, in accordance with the criteria listed in ITB 11

35.3. The determination will take into account the bidder's financial and technical capabilities. It will be based upon an examination of the

documentary evidence of the bidder's qualifications submitted by the bidder, pursuant to ITB 11, as well as such other information as the Procuring agency/Employer deems necessary and appropriate. Factors not included in these bidding documents shall not be used in the evaluation of the bidders' qualifications.

35.4. Procuring agency/Employer may seek "Certificate for Independent Price Determination" from the bidder and the results of reference checks may be used in determining award of contract.

Explanation: *The Certificate shall be furnished by the bidder. The bidder shall certify that the price is determined keeping in view of all the essential aspects such as raw material, its processing, value addition, optimization of resources due to economy of scale, transportation, insurance and margin of profit etc.*

35.5. An affirmative determination will be a prerequisite for award of the contract to the bidder. A negative determination will result in rejection of the bidder's bid, in which event the Procuring agency/Employer will proceed to the next ranked bidder to make a similar determination of that bidder's capabilities to perform satisfactorily.

F. AWARD OF CONTRACT

36. **Criteria of Award**

36.1. Subject to ITB 36 and 37, the Procuring agency/Employer will award the Contract to the bidder whose bid has been determined to be substantially responsive to the bidding documents and who has been declared as Successful Bidder, provided that such bidder has been determined to be:

36.1.1. eligible in accordance with the provisions of ITB 3;

36.1.2. is determined to be qualified to perform the Contract satisfactorily; and

36.1.3. Successful negotiations have been concluded, if any.

37. **Negotiations**

37.1. The Committee of the Procuring agency/Employer may negotiate with the Most Advantageous Bidder relating to the following areas:

37.1.1. a minor alteration to the technical (drawings, design technical specifications) details of the statement of works;

37.1.2. Methodology, work plan, staffing in view to streamline the work;

37.1.3. a minor amendment to the Particular conditions of Contract;

37.1.4. finalizing payment arrangements;

37.1.5. clarifying details that were not apparent or could not be finalized at the time of Bidding;

37.2. Where negotiation fails to result into an agreement, the Procuring agency/Employer may invite the next ranked bidder for negotiations. Where negotiations are commenced with the next ranked bidder, the Procuring agency/Employer shall not reopen earlier negotiations.

38. **Procuring agency/Employer's Right to reject All Bids**

38.1. The procuring agency has the right to reject all bids in accordance with the KPP Rules 2014. However, the Authority (i.e. KPPRA) may call from the Procuring agency/Employer the justification of those grounds.

39. **Notification of Award**

39.1. The procuring agency shall announce and publish the evaluation result in accordance with the KPP Rules 2014.

39.2. Where no complaints have been lodged, the bidder whose bid has been accepted will be notified of the award by the Procuring agency/Employer prior to expiration of the bid validity period through EPADS. However, the Procuring agency/Employer shall not award any procurement contract at least for five (05) days after the announcement of final evaluation report. The notification letter (herein after and in the condition of the contract and contract form called "Letter of Acceptance"

will specify the sum that the Procuring agency/Employer will pay the successful bidder in consideration for the execution and completion of the works as prescribed by the Contract (hereinafter and in the Contract called the "Contract Price).

39.3. The notification of award will constitute the formation of the Contract, subject to the bidder furnishing the Performance Security (or guarantee) in accordance with ITB 41 and signing of the contract in accordance with ITB 40.

39.4. Upon the successful bidder’s furnishing of the performance security (or guarantee) pursuant to ITB 41, the Procuring agency/Employer will promptly notify each unsuccessful bidder, the name of the successful bidder and the Contract amount and will discharge the Bid Security or Bid Securing Declaration of the bidder(s) pursuant to ITB 17.

40. **Signing of Contract**

40.1. Promptly after notification of award, Procuring agency/Employer shall send the successful bidder the draft agreement, incorporating all terms and conditions as agreed by the parties to the contract.

40.2. Immediately after the Redressal of grievance by the GRC, and after fulfillment of all conditions precedent of the Contract Form, the successful bidder and the Procuring agency/Employer shall sign the contract.

40.3. Where no formal signing of a contract is required, work order issued to the bidder shall be construed to be the contract.

41. **Performance Security (or Guarantee)**

41.1. After the receipt of the Letter of Acceptance, the successful bidder, within the specified time, shall deliver to the Procuring agency/Employer a Performance Guarantee in the amount and in the form stipulated in the BDS and PCC, denominated in the type and proportions of currencies in the Letter of Acceptance and in accordance with the Conditions of Contract.

41.2. If the Performance Guarantee is provided by the successful bidder and it shall be in the form specified in the BDS which shall be in any of the

following:

41.2.1. certified cheque, cashier’s or manager’s cheque, or bank draft;

41.2.2. irrevocable letter of credit issued by a scheduled bank of Pakistan or in the case of an irrevocable letter of credit issued by a foreign bank, the letter shall be confirmed or authenticated by a scheduled bank of Pakistan;

41.2.3. bank guarantee confirmed by a reputable local bank or, in the case of a successful foreign bidder, bonded by a foreign bank; or

41.2.4. surety bond callable upon demand issued by any reputable surety or insurance company.
Any Performance Guarantee submitted shall be enforceable in Pakistan.

41.3. Failure of the Most Advantageous Bidder to comply with the requirement of ITB 40 shall constitute sufficient grounds for the annulment of the award and forfeiture of the Bid Security or declare blacklisted (in case bid securing declaration is submitted) in which event the Procuring agency/Employer may make the award to the next most advantageous bidder or reinitiate the procurement process afresh (as a case may be).

42. **Advance Payment**

42.1. Advance payment will be provided to the bidder in percentage and in the manner as agreed by the both parties in terms of Conditions of the Contract.

42.2. The Procuring agency/Employer will provide an advance payment as stipulated in the Conditions of Contract, subject to a maximum amount, as stated and/or Conditions of the Contract. The advance payment request shall be accompanied by an advance payment security (guarantee) in the form provided in Section X. For the purpose of receiving the advance payment, the bidder shall make and estimate of, and include in its bid, the expenses that will relate to the purchase of equipment, machinery, materials, and on the engagement of labor during the first month beginning with the date of the Procuring agency/Employer’s “Notice to Commence” as specified in the PCC.

43. **General Performance of the Bidders**

43.1. The Procuring agency/Employer reserves the right to obtain information regarding performance of the bidders on their previously awarded contracts / works. The Procuring agency/Employer may seek information / report from the previous employer for consideration. However, the Procuring agency/Employer shall incorporate such parameters in the evaluation criteria and accordingly decide the fate of the bid submitted.

44. **Corrupt & Fraudulent Practices**

44.1. Procuring agencies (including beneficiaries of Government funded projects and procurement) as well as Bidders/Suppliers/Contractors under Government financed contracts, observe the highest standard of ethics during the procurement and execution of such contracts, and will avoid to engage in any corrupt and fraudulent practices.

G. GRIEVANCE REDRESSAL & COMPLAINT REVIEW MECHANISM

45. Grievance Redressal

45.1. Grievance Redressal shall be carried out in accordance with the KPPRA, rules i.e. Redressal of grievances by the procuring agency and “Redressal of Grievances Regulations”.

H. MECHANISM OF BLACKLISTING

46. Mechanism of Blacklisting

46.1. The Procuring agency/Employer shall proceed Blacklisting of Bidders/Contractors in accordance with KPP Rules 2014 rule i.e. Blacklisting and “Blacklisting and Debarment of Bidders or Contractors.

Bid Data Sheet

Bid Data Sheet (BDS)

The following specific data for the procurement of works shall complement, supplement, or amend the provisions in the Instructions to Bidders (ITBs). Whenever there is a conflict, the provisions herein shall prevail over those in ITBs.

A. Introduction

ITB Number
Amendments of, and Supplements to, Clauses in the Instruction to Bidders

ITB Number1.1

Name of Procuring agency/Employer: **Works Directorate (Capital Development Authority)**

The subject of procurement is: **Construction of New Islamabad Convention, Exhibition and Expo Centre, Islamabad**

Period for completion of the works **09 Months**

Commencement date execution of the works: **14 Days**

Type of Procurement**:Local**

ITB Number2.1

Financial year for the operations of the Procuring agency/Employer: **2026-27**
Name of Project [insert: name and summary description of the Project if any]

Name of financing institution: [insert: name if any]

Name and identification number of the Contract: **P119785**

ITB Number3.1

JV/Consortium or Association Allowed: **Yes**

Maximum number of members in the joint venture shall be: **3**.

B. Bidding Documents

ITB Number6.4

The Bidders may seek clarifications through **EPADS v2.0**: **Last Clarification Date: Friday, November 6, 2026**

C. Preparation of Bids

ITB Number8.1

The Language of all correspondences and documents related to the Bid is: **English**

ITB Number 5.1 & 9.1

The following documentsmust be includedto constitute the Bid

1. The original Bid Security in the shape of Pay Order/Call Deposit Receipt (CDR)/Bank Guaranttee issued by a Scheduled Bank in Pakistan in favor of DDO (Procurement & Contract), CDA valid for a period of 30 days beyond the bid validity may be submitted before the submission deadline. in the Office of Director (P & CA-I), CDA.

ITB Number9.4 (b)

Other procurement specific documentation requirements are:

As per eligibility and evaluation criteria.

ITB Number12.4

The Bid price will be/will not be subject to the price adjustment **Nil**.

ITB Number12.6

The Bid price shall be adjusted in accordance with Schedule-A to Bid – “Schedule of Adjustment Data” if available.

ITB Number13.1

Bidders to quote entirely in**Pak rupees (PKR)**

ITB Number15.1

The Bid Validity period shall be **0 Days** days.

ITB Number16.1

The amount of Bid Security shall be (insert amount)

The currency of the Bid Security shall be: **PKR**.

ITB Number16.2

The Bid Security shall be in the form of:

D. Submission of Bids

ITB Number19.1

The deadline for Bid submission is:**Monday, November 9, 2026 11:00 AM**
Address for submission of Original Bid Security:**Room No 26, Block No-III, CDA Main Secretariat, Sector G-7/4, Islamabad**

ITB Number21.1
The Bid opening shall take place at:**EPADS v2.0**
Day : ***Monday***
Date: ***November 09, 2026***
Time : ***11:30 AM***

ITB Number27.1
The currency that shall be used for Bid evaluation and comparison purposes to convert all Bid prices expressed in various currencies is: **PKR Only**
The source of exchange rate shall be: **Nil**
The date of exchange rate shall be: **Nil**

ITB Number28.2 &28.5
Least Cost Based Selection (LCBS)
see Evaluation Criteria

ITB Number29.1
Domestic preference to apply.
Domestic preference:**No**
Preference to domestic or national suppliers or contractors shall be provided in accordance with policies of the Federal Government and/or in accordance with the regulations issued by the Authority.
If Yes, The percentage for the domestic preference alongwith calculation formula is provided in the evaluation and qualification criteria.

ITB Number32.2
Sub-contracting is allowed? : **No**

No% of the total value of the contract.

39.1 The Performance Security (or guarantee) shall be **5.00%**

39.2 The Performance Security (or guarantee) shall be in the form of:**Bank Guarantee**

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Eligibility Criteria

Eligible Bidders: Sole Proprietorship, Partnership Firm, Company (Private Limited), Company (Public Limited), State Owned Enterprise (Private Limited), State Owned Enterprise (Public Limited)

Required Registration
NADRA CITIZENSHIP (CNIC/NICOP) FBR (NTN) FBR (GSTN)

Eligibility Criteria	Document
Duly licensed by the Pakistan Engineering Council (PEC) in the Category C-A and Relevant Specialization Codes CE-01, CE-02, CE-09, CE-10, , EE-01 to EE-06, EE11, ME-01, ME-02, ME-03, ME-04, BC-01, BC-03 & BC-04 The Bidder (Single Entity/ JV / Consortium) may fulfil all these specialized codes collectively.	Yes

Evaluation Criteria

Least Cost Based Selection (LCBS)

Weightage

Technical Evaluation %
100

Technical Marks	100
Passing Marks	**60**
Specific Working Experience	
Successfully Completed TWO (2) Construction Contracts of minimum value Rs.5.0 Billion or more (single Contract) in the last 10 years. The bidder must upload Project Award Letter, Work Orders and Contract Agreement i/c completion Certificates. The bidder must upload the joint venture agreement in case of projects is executed as a partner of joint venture clearly showing scope of works and percentage share of all partners of joint venture. In case of foreign entity, the aforementioned documents and the translation of same in English language must be certified by the notary public or embassy of Pakistan in the country of foreign entity. Note: In case the bidder is a Joint Venture, the working experience of all members combined shall be evaluated. No marks in case the completed project is less than PKR 5 Billion. (Qualitative)(Doc Required). (Quantitative)(Doc Required) 02 Completed Projects **(10)** 01 Completed Project **(5)**	10

Successfully Completed Building project (RCC Structure) (Two Projects) of Contract value of PKR 5.0 Billion or more completed in the last 10-years. The bidder must upload Project Award Letter, Work Orders and Contract Agreement i/c completion Certificates. The bidder must upload the joint venture agreement in case of projects is executed as a partner of joint venture clearly showing scope of works and percentage share of all partners of joint venture. In case of foreign entity, the aforementioned documents and the translation of same in English language must be certified by the notary public or embassy of Pakistan in the country of foreign entity. Note: In case the bidder is a Joint Venture, the working experience of all members combined shall be evaluated. No marks in case the completed project is less than PKR 5 Billion. (Qualitative)(Doc Required). (Quantitative)(Doc Required) 02 Completed Projects **(20)** 01 Completed Project **(10)**	20
One ongoing Building Projects of value PKR 5.0 Billion or above Note-1: In case the bidder is a Joint Venture, the working experience of all members combined shall be evaluated. In case the bidder is a Joint Venture, and one of the Joint Venture Members is a Foreign Company, the Foreign Company must independently meet the above requirements. If the Foreign Company cannot meet the requirement independently, the JV applicant shall be rendered ineligible. The bidder must upload Project Award Letter, Work Orders or Contract Agreement, and other documents necessary for confirming scope of works. The bidder must upload the joint venture agreement in case of projects is executed as a partner of joint venture clearly showing scope of works and percentage share of all partners of joint venture. In case of foreign entity, the aforementioned documents and the translation of same in English language must be certified by the notary public or embassy of Pakistan in the country of foreign entity. No marks in case of the ongoing work is less than PKR 5 Billion. (Qualitative)(Doc Required) (Quantitative)(Doc Required)	10
Equipment Capabilities	
Crane (02 Nos.) (Quantitative)(Doc Required) (Quantitative)(Doc Required) 02 Nos Crane **(4)** 01 No Crane **(2)**	4

Batching Plant (02 Nos.) (Qualitative)(Doc Required) (Quantitative)(Doc Required) 02 Nos **(3)** 01 No **(1)**	3
Transit Mixtures (04 Nos.) (Qualitative)(Doc Required) (Quantitative)(Doc Required) 02 Nos **(2)** 01 No **(1)**	2
Concrete Pump (Mobile) (02 Nos.) (Quantitative)(Doc Required) (Quantitative)(Doc Required)	1
Scaffolding & Shuttering 50,000 Sft. (Quantitative)(Doc Required) (Quantitative)(Doc Required)	3
Vibrators (05 Nos) (Quantitative)(Doc Required) (Quantitative)(Doc Required)	1
Survey Equipment i/c Total Station (01 No.) (Quantitative)(Doc Required) (Quantitative)(Doc Required)	1
Personal Capabilities	
Project Manager (01 no.) MSc Civil with minimum 15years' extensive experience of execution or design of Infrastructure, Building Works. (Quantitative)(Doc Required). (Quantitative)(Doc Required)	3
Construction Managers (02 nos.) BSc Civil Engineering with minimum 15 years' experience of execution of Infrastructure and Building Works. (Quantitative)(Doc Required). (Quantitative)(Doc Required) 02 Nos **(4)** 01 No **(2)**	4
Mechanical Engineer (01 no.) BSc Mechanical Engineering with minimum 15 years' experience of Infrastructure, Building Works. (Quantitative)(Doc Required). (Quantitative)(Doc Required)	1
Electrical Engineer (02 Nos,) BSc Electrical Engineering with minimum 15 years experience of Infrastructure Building Works (Quantitative)(Doc Required). (Quantitative)(Doc Required) 02 Nos **(2)** 01 No **(1)**	2

Interior Designer (01 No.) BE Architecture with minimum 10 years' of Professional Experience of Interior Designing (Quantitative)(Doc Required). (Quantitative)(Doc Required)	1
Contract Specialist (01 No.) BSc Civil Engineering with minimum 10 years' experience in PEC/FIDIC based Contract (Quantitative)(Doc Required). (Quantitative)(Doc Required)	1
Site Engineers (Civil) (02 Nos.) BSc Civil Engineering with minimum 8 years' experience in Infrastructure & Building Works (Qualitative)(Doc Required). (Quantitative)(Doc Required)	1
Site Engineers (E&M) (02 Nos. BSc Electrical Engineering with minimum 8 years' field experience of Infrastructure & Building Works (Qualitative)(Doc Required). (Quantitative)(Doc Required)	1
Site Surveyor (02 Nos.) DAE with 8 years' field experience in Survey works including use of Total Station (Qualitative) (Doc Required). (Quantitative)(Doc Required)	1
Financial Resources	
Financial Resources (Working Capital + Contract/ Project Specific Bank Credit Line) The Joint Venture (must have Financial Resources (Working Capital for last year + limit of Contract/Project Specific Bank Credit Line) of at least PKR 5.0 Billion or more. Note: In case the bidder is a Joint Venture, the financial resources of all members combined shall be evaluated. (Quantitative)(Doc Required). (Quantitative)(Doc Required) Working Capital for last year + limit of Contract/Project Specific Bank Credit Line) are PKR 5.00 billion or more **(15)** Working Capital for last year +limit of Contract/Project Specific Bank Credit Line) less than Rs. 5.00 Billion and more than Rs. 3.00 Billion. **(8)**	15
Average Annual Turnover in last 3 years, evaluated through the bidder's, Audited financial statements for the last three (03) years. (Quantitative)(Doc Required). (Quantitative)(Doc Required) The Average Annual Turnover for last three years is equal to or more than PKR 5.00 Billion **(15)** The Average Annual Turnover for last three years is equal to or more than PKR 3.00 Billion but less than PKR 5.00 Billion **(8)**	15

Jobs/Lots

Jobs Without Lots :

Job	Delivery Schedule	Quantity	Bid Security
Construction of New Islamabad Convention, Exhibition and Expo Centre, Islamabad	**Address:** Room No 26, Block No-III, CDA Main Secretariat, Sector G-7/4, Islamabad**Schedule:** 270 Days**Quantity:** 01/job	1/job	143704485.91 PKR

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Work Specifications and Market Rates

Jobs Without Lots :

Job: Construction of New Islamabad Convention, Exhibition and Expo Centre, Islamabad

Specifications / Requirements:

Sr. No	Ref. No.	Description	Unit	Qty	Rate	Amount
1	124/141	BoQ, as specified in the Annexure.				14370448591
					GRAND TOTAL:	Rs14,370,448,591.00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Scope of Work

As per BOQ attached.

Brief Description

The New Islamabad Convention, Exhibition & Expo Centre (NICEEC) project is envisioned as a state-of-the-art project comprising of 1) Upgradation of the Existing Jinnah Convention Centre & 2) Construction of New Building with Conference room and multiple Meeting & Board rooms, designed to host international conferences, summits, exhibitions, and cultural events. The facility will feature multiple meeting rooms, breakout spaces, exhibition halls, an expo-center, and ancillary amenities in line with modern international standards. The architectural concept emphasizes sustainability, accessibility, and smart infrastructure, integrating contemporary design aesthetics with energy-efficient systems. Located strategically near Islamabad’s diplomatic and administrative hub, the Convention Centre will serve as a flagship venue for national and international gatherings — notably the Shanghai Cooperation Organization (SCO) Summit scheduled for 2027, along with future high-profile events, business expos, and government meetings. The procurement activities have been initiated in accordance with the applicable procurement rules and procedures.

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Price Schedule

For Individual Jobs

#	Job Title	Quantity	Unit Price (PKR)	Total Price (PKR)	Delivery Location	Delivery Period / Year	Country of Origin
1							
2							

For Lots

#	Lot Title	Total Lot Price (PKR)	Country of Origin
1	[Lot 1 Title]		

PUBLIC PROCUREMENT REGULATORY AUTHORITY
(PPRA)
EPADS

General Conditions of Contract

Red Book:
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The Conditions of Contract are the “General Conditions” which form part of the “Conditions of Contract for Construction for Building and Engineering Works Designed by the Employer (“Red book”) Second edition 2017” published by the Federation Internationale Des Ingenieurs – Conseils (FIDIC) and the following “Particular Conditions” which shall complement the General Conditions of the Contract.

The successful Bidder, upon contract award, shall be required to furnish two (02) copies of aforementioned “General Conditions” for incorporation in the Works Contract.

International Federation of Consulting Engineers (FIDIC) FIDIC
Bookshop – Box- 311 – CH – 1215 Geneva 15, Switzerland
Fax: +41 22 799 49 054
Telephone: **+41 22 568 0500**
E-mail: **fidic@fidic.org**
Website: www.fidic.org
FIDIC code: ISBN13: 978-2-88432-084-9

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Special Conditions of Contract

PARTICULAR CONDITIONS OF CONTRACT (PCC)

Particular Conditions
(Mandatory Provisions not to be amended/substituted)

The Particular Conditions (PCC) complement the General Conditions (GCC) to specify dates, contractual requirements, and special circumstances related to the Works. The PCC consists of two parts, Part A - Contract Data and Part B - Special Provisions. The provisions to be found in the Special Provisions (Particular Conditions - Part B) take precedence over the equivalent provisions found under the same Sub-Clause number(s) in the General Conditions, and the provisions of the Contract Data (Particular Conditions - Part A) take precedence over the Special Provisions (Particular Conditions - Part B).

PART A - Contract Data

Sub-Clause 1.1.27
Defects Notification Period (DNP): **365** Days

Sub-Clause 1.1.31
Employer's name & address: **Works Directorate (Capital Development Authority), Deputy Director Works Division-I Room No 26, Block No-III, CDA Main Secretariat, Sector G-7/4, Islamabad**

Sub-Clause 1.1.35
Engineer's name & address: Member (Buildings)

Executive Block-V, CDA Main Secretariat, Sector G-7/4, Islamabad.

Sub-Clause 1.1.84
Time for Completion: **270** days for whole of the works

Sub-Clause 1.3 (a)(ii)
Agreed method of electronic transmission: Agreed
The Electronic Transmission Methods are Through E-PADS v2.0

Sub-Clause 1.3 (d)
Address of Empoyer for Communications: **Room No 26, Block No-III, CDA Main Secretariat, Sector G-7/4, Islamabad**
Address of Engineer for Communications:

Executive Block-V, CDA Main Secretariat, Sector G-7/4, Islamabad.

Address of Contractor for Communications: ----------

Sub-Clause 1.4
Contract shall be governed by the law of: **Islamic Republic of Pakistan**
Ruling language: **English**
Language for communications: **English**

Sub-Clause 2.1
After receiving the Letter of Acceptance, the Contractor shall be given right of access to all or part of the Site within: **7** days after Commencement Date

Sub-Clause 2.4
Employer's financial arrangements:

Through Self Financing

Sub-Clause 3.2 (e)(ii)
Engineer's Duties and Authority: **Variation resulting in an increase of the Accepted Contract Amount in excess ofone percent (1%)subject to accumulative Variations not exceeding five percent (5%)of the Accepted Contract Amount**

Sub-Clause 4.2
Performance Security (as percentage of the Accepted Contract Amount in Currencies): 5.00%
Form of Performance Guarantee: **Bank Guarantee**

Sub-Clause 4.2.1
List of Insurance Companies:

Only Bank Guaranttee

Sub-Clause 4.7.2
period for notification of errors in the items of reference: **Twenty Eight (28) days**

Sub-Clause 4.19
Period of payment for temporary utilities: **Each Month**

Sub-Clause 5.1 (a)
Maximum allowable accumulated value of work subcontracted (as a percentage of the Accepted Contract Amount): **Nil** %

Sub-Clause 5.1 (b)
Parts of the Works for which subcontracting is not permitted: Nil

Sub-Clause 6.5
Normal working hours on the Site: **8**

Sub-Clause 8.3
Number of additional paper copies of programmes: **3**

Sub-Clause 8.8 & 14.15(b)
Delay Damages payable for each day of delay **0.10**% of the Accepted Contract Amountfor delay in completion of whole of the Works

Sub-Clause 8.8
Maximum amount of Delay Damages **10.00 %** of the Accepted Contract Amount

Sub-Clause 8.14
Applicability of Incentives for Early Completion **No**

Sub-Clause 12.3
Percentage profit (Not more than 10%): **Nil**

Sub-Clause 13.4.(b)(ii)
Percentage rate to be applied to Provisional Sums for overhead charges and profit: **Twenty Five percent (25%)**

Sub-Clause 14.2
Total Advance Payment: **Fifteen percent (15%) of the Accepted Contract Amount excluding Provisional Sums payable in the currencies and proportions in which the Accepted Contract Amount is payable**

Sub-Clause 14.2.1
Advance Payment Insurance **Not Allowed**

Sub-Clause 14.2.3
Percentage deductions for the repayment of the Advance Payment: Deduction shall be made at the amortization rate of 17.5 % of the value of the Works executed of each IPC as provided in paragraph (i) of Sub-Clause GCC 14.3, starting from 2nd IPC provided that the advance payment shall be completely repaid prior to the time when 90% of the Accepted Contract Amount less Provisional Sums has been certified for payment. It may be more than 17.5% in the last instalment to ensure full repayment.

Sub-Clause 14.3
Period of payment **One Month**

Sub-Clause 14.3(b)
Number of additional paper copies of Statements: **3**

Sub-Clause 14.3 (iii)
Percentage of retention: **Seven percent (7%)**

Sub-Clause 14.3 (iii)
Limit of Retention Money (as a percentage of the Accepted Contract Amount): **Five percent (5%)**

Sub-Clause 14.5(b)(i)
Plant and Materials for payment when shipped: **Plant and Materials under Bill of "Imported Plant and Materials"**

Sub-Clause 14.5(c)(i)
Plant and Materials for payment when delivered to the Site: Plant and Non Perishable Materials

Sub-Clause 14.6.2
Minimum amount of Interim Payment Certificate (IPC): **Yes**
The Minimum Amount IPC is 300 Million
[Employer to give value not exceeding one fifth of the average expected value of Interim Payment Certificate]

Sub-Clause 14.7(a)
Period of payment of Advance Payment to the Contractor**: 14 days**

Sub-Clause 14.7b(i)
Period for the Employer to make interim payments to the Contractor under Sub-Clause 14.6: **28** days

Sub-Clause 14.7b(ii)
Period for the Employer to make interim payments to the Contractor under Sub-Clause 14.13 (Final Payment)**: 28** days

Sub-Clause 14.7(c)
Period for the Employer to make final payment to the Contractor**: 56** days

Sub-Clause 14.8
Financing charges for delayed payment Local Currency (PKR):

6-Month KIBOR (Offer) +3% per annum.
Foreign Currency:
USD
6-Month SOFR (Secured Overnight Financing Rate for USD) +1% per annum.

EURO
6-Month EURIBOR (EURO Interbank Offered Rate for EURO) +1% per annum.

Others
Appropriate rates +1% (for other foreign currencies, Ref. Schedule-A, A-4 to Bid).

Sub-Clause 14.11.1(b)
Number of additional paper copies of draft Final Statements**: 3**
[insert number of copies say six (06)]

Sub-Clause 14.15
Currencies of payment of Contract Price: **as stated in the Table Schedule of Adjustment Data of Schedule A (if Given)**

Sub-Clause 14.15(a)(i)
Proportions or amounts of Local and Foreign currencies: **as stated in the Table Schedule of Adjustment Data of Schedule A (if Given)**

Sub-Clause 14.15(c)
Currencies and proportions for payment of Delay Damages: **as stated in the Table Schedule of Adjustment Data of Schedule A (if Given)**

Sub-Clause 14.15(f)
rates of exchange: **as stated in the Table IV of Schedule A (If Given)**

Sub-Clause 17.2(d)
Forces of nature, the risks of which are allocated to the Contractor: **Nil**

Sub-Clause 19.1
Permitted deductible limits:
i) insurance required for the Works: **Ten percent (10%) of loss amount on each & every loss**
ii) insurance required for Goods: **Nil**
iii) insurance required for liability for breach of professional duty: **Nil**
iv) insurance required against liability for fitness for purpose (if any is required): **Nil**
v) insurance required for injury to persons and damage to property: **Nil**
vi) insurance required for injury to employees: **Nil**
vii) other insurances required by Laws and by local practice : **Nil**

Periods for submission of insurance:
a) evidence of insurance: Not later than the Commencement Date
b) relevant policies: Within twenty eight (28) day from the Commencement Date

Sub-Clause 19.2.1(b)
Additional amount to be insured (as a percentage of the replacement value): 15% of the replacement value (Accepted Contract Amount)
Sub-Clause 19.2.2
Extent of insurance required for Goods: From Ex-Works (i.e., works, factory, warehouse, etc) to delivery at the Site
Amount of insurance required for Goods: Full replacement value

Sub-Clause 19.2.3(a)
Amount of insurance required for liability for breach of professional duty: Full replacement value of the Works to be designed by the Contractor

Sub-Clause 19.2.3(b)
Insurance required against liability for fitness for purpose: **Yes**

Sub-Clause 19.2.3
Period of insurance required for liability for breach of professional duty: Until the date of issuance of Performance Certificate

Sub-Clause 19.2.4
Amount of insurance required for injury to persons and damage to property: Injury to person and Fatal case: in accordance with Workmen Compensation Act
Damage to Property: The Amount of Insurance Required for Person Injury is 2000000
The Amount of Insurance Required for Damage to Property is 5000000 as per his assessment of the adjoining property(ies) other than the Works]
without limit to the number of incidents

Sub-Clause 19.2.6
Other insurances required by Laws and by local practice: All insurances as applicable, to the extent of execution of the project, under Federal and Provincial laws of Islamic Republic of Pakistan

Sub-Clause 21.1
Time for appointment of the DAAB: Within 28 days from the Commencement Date.
In case the Accepted Contract Amount is lesser than PKR one (01) billion, appointment of the DAAB shall be made when Dispute arises between the Parties.

Sub-Clause 21.1
The DAAB shall comprise 3
[insert either “a sole Member” or “Three Members”]
[For a Contract estimated to cost above PKR 2.5billion, the DAAB shall comprise of three members. For a Contract estimated to cost between PKR1billion and PKR2.5billion, the DAAB may comprise of three members or a sole member. For a Contract estimated to cost less than PKR1billion, a sole member is recommended.]

Sub-Clause 21.1
List of proposed members of DAAB
- proposed by Employer

Mr. Shahid Mehmood

Engr. M. Mazhar-ul-Islam

Engr. Mian Babar Qayyum

- proposed by Contractor
[to be inserted at the time of signing of the Contract]
1._____
2._____
3._____

Sub-Clause 21.2
Appointing entity (official) for DAAB members Managing Director Public Procurement Regulatory Authority (PPRA) or Chairman Pakistan Engineering Council (PEC) from the list of PEC approved arbitrators published at its website

Sub-Clause 21.6
Rules of Arbitration: PEC Rules of Conciliation and Arbitration or Pakistan Arbitration Act of 1940, if the former is inactive.
The place of Arbitration shall be in the Employer's country: **Islamabad**
[Insert name of city]

Particular Conditions

PartB - Special Provisions

1.1 Definitions

1.1.76 "Specification"
Following is added at the end:
"and consists of two parts i.e.,
i) "Part A - Specific Provisions"; and
ii) "Part B - Technical Provisions"."

1.2 Interpretation

"and" is deleted from the end of sub-paragraph (i) and added at the end of sub-paragraph (j).
Sub-paragraph (k) is added:
"(k) The word "tender" is synonymous with "bid" the word tenderer with "bidder", the words "tender documents" with "bidding documents" and "Schedule of Prices" with "Bill of Quantities", as applicable."
1.5 Priority of Documents The documents listed at (a) through (k) of this Sub-Clause are deleted and substituted with the following:
(a) the Contract Agreement;
(b) the Letter of Acceptance;
(c) the Letter of Bid;
(d) the Particular Conditions Part A - Contract Data;
(e) the Particular Conditions Part B - SpecialProvisions;
(f) the General Conditions;
(g) the Specification Part A - SpecificProvisions;
(h) the Specification Part B- Technical Provisions;
(i) the Drawings;
(j) the completed Schedules to Bid includingBillof Quantities;
(k) the JV Undertaking (if the Contractor is a JV); and
(l) any other documents forming part of the Contract.
The addenda/corrigenda, if any, shall be deemed to have been incorporated at the appropriate places in the documents forming the Contract.

1.6 Contract Agreement

In the last line of the 1st paragraph the text "shall be borne by the Employer" is substituted by "shall be reimbursed by the Employer to the Contractor".

3.1 The Engineer

In sub-paragraph (a) the text “as defined in the Pakistan Engineering Council Act, 1975 (Act No.V of 1976)” are added after the words “professional engineer”.

3.2 Engineer’s Duties and Authority

The Engineer shall obtain the consent in writing of the Employer before taking action under the following Sub-Clauses of these Conditions:
(a) Consenting to the subcontracting of any part of the Works under Sub-Clause 5.1 [Subcontractors]
(b) Any action under Sub-Clauses 8.9 [Employer’s Suspension] and 8.12 [Prolonged Suspension]
(c) Issuance of “Taking Over Certificate” under Sub-Clause 10.1 [Taking Over the Works and Sections].
(d) Issuing the “Performance Certificate” under Sub-Clause 11.9 [Performance Certificate].
(e) Sub-Clause 13.1 [Right to Vary]: instructing a Variation, except;
(i) in an emergency situation as determined by the Engineer, or
(ii) if such a Variation would increase the Accepted Contract Amount by less than the percentage specified in the Contract Data.
(f) Sub-Clause 13.3 [Variation Procedure]: approving a proposal for Variation submitted by the Contractor in accordance with Sub-Clause 13.3.2 [Variation by Request for Proposal] or 13.2 [Value Engineering].
(g) Certifying release of second half of the Retention Money under Sub-Clause 14.9 [Release of Retention Money].
(h) Issuing Final Payment Certificate under Sub-Clause 14.13 [Issue of FPC].
(i)
*[insert Sub-Clause number (not Sub-Clause 3.7 [Agreement or Determination]
Any such requirement shall not be applied to any action by the Engineer under Sub-Clause 3.7 [Agreement or Determination], as stated in Sub-Clause 3.2 [Engineer’s Duties and Authority] of the General Conditions.
Notwithstanding the obligation, as set out above, to obtain approval, if, in the opinion of the Engineer, an emergency occurs affecting the safety of life or of the Works or of adjoining property, he may, without relieving the Contractor of any of his duties and responsibility under the Contract, instruct the Contractor to execute all such work or to do all such things as may, in the opinion of the Engineer, be necessary to abate or reduce the risk. The Contractor shall forthwith comply, despite the absence of approval of the Employer, with any such instruction of the Engineer. The Engineer shall determine an addition to the Contract Price, in respect of such instruction, in accordance with Clause 13 and shall notify the Contractor accordingly, with a copy to the Employer.
Following is added after the words “the Employer’s consent is required” in 4th paragraph:
“stating that the Employer’s consent has been obtained for that specified authority”

4.2 Performance Security

4.2.1 Contractor’s Obligations
The entity issuing the Performance Security and its form shall be as under:
The Performance Security shall be, at the option of the Contractor,issuedin the prescribed form included in the Bidding Documents,by(a) a Scheduled Bank in Pakistan or (b) a foreign bank duly counter-guaranteed by a Scheduled Bank in Pakistan or (c)an Insurance Companylisted in the Contract Data and rated by PACRA/VIS ofratingas provided in Table below:
Accepted Contract Amount (In Eq. PKR million) Minimum Rating of Insurance Companies
Up to 1000 A (+)
1001 to no limit AA
In case of Joint Venture, the Performance Security shall be in the name of the Joint Venture or in the name of Lead/either firm of the JV or in ratio of shares of the individual JV partners.
Following paragraph is added at the end of this Sub-Clause:
“The amount of Performance Security shall be reducedto 50%following issue of the Taking-Over Certificate for the whole of the Works under Clause 10 of Conditions of Contract.”

4.3 Contractor's Representative

In second paragraphthe text "professional engineer as defined in the Pakistan Engineering Council Act, 1975 (Act No. V of 1976) (having temporary licence in case of foreign engineer under Section 12 of the Pakistan Engineering Council Act, 1975 (Act No. V of 1976)" are added after the words "qualified, experienced".
In the 3rd paragraph the words "28 days" are substituted by "14 days". In 2nd line of 4thparagraph the text "or appoint a replacement" is substituted by "except appointment of a suitable temporary replacement is deployed at the Site"

4.4 Contractor's Documents

4.4.2 As-Built Records
First paragraph is deleted and the text in the last paragraph is substituted with the following:
"The Contractor shall furnish to the Engineer 6 copies, one reproducible and one electronic copy(provided the Engineer has made available to the Contractor editable form of the Drawings)of all Drawings amended to conform to the Works as built.In case the Engineer does not make available to the Contractor editable form of the Drawings, the Contractor shall furnish to the Engineer as-built data for incorporation in the Drawings. Upon receipt of PDF versions of the as-built drawings prepared by the Engineer, the Contractor shall furnish to the Engineer 6copies and one reproducible of these Drawings.
The price of such Drawings shall be deemed to be included in the Contract Price."
Following Sub-Clause is added:
4.4.4 ShopDrawings
The Contractor shall submit to the Engineer for review 3 copies of all shop and erection drawings applicable to this Contract as per provision of relevant Sub-Clause of the Contract.
Review and approval by the Engineer shall not exceed 21 days and be construed as a complete check but will indicate only that the general method of construction and detailing is satisfactory and the Engineer's review or approval shall not relieve the Contractor of any of his responsibilities under the Contract.

4.8 Health and Safety Obligations

The following text is added at the end ofthis Sub-Clause:
In the event of work being carried out outside the normal working hours and in the event of work being carried out at night, the Contractor shall at his own cost, provide and maintain such good and sufficient light as will enable the work to proceed satisfactorily and without danger. The approaches to the Site and the Works where the night work is being carried out shall be sufficiently lighted. All arrangement adopted for such lighting shall be to the satisfaction of the Engineer.

4.20 Progress Reports

At the end of sub-paragraph (g) the word "and" is deleted and at the end of sub-paragraph (h) the full stop (.) is replaced with ";", and the following new sub-paragraphs are added as:
(i) planned programme for the execution of the Works for next 56 days to enable the Engineer to determine its programme of inspection and testing;
(j) monthly summery of daily job record indicating weather conditions, deployment of Contractor's Equipment, labour employment, local material procurement and material import, if any; and
(k) salient contractual and project information.

5.1 Subcontractors

Add the following text at the end of paragraph (ii):
"underSchedule to Bid"
The following is added at the end of the last paragraph of Sub-Clause 5.1:
"All subcontracts relating to the Works shall include provisions which entitle the Employer to require the subcontract to be assigned to the Employer under sub-paragraph (a) of Sub-Clause 15.2.3 [After

Termination].
The Contractor shall give reasonable opportunity to contractors from Islamic Republic of Pakistan for subcontracts for the Works, and endeavour to employ such contractors as Subcontractors."

5.2 Nominated Subcontractors

5.2.2 Objection to Nomination
In sub-paragraph (c), "and" is deleted from the end of (i);
"." at the end of (ii) is replaced with: ", and".
The following is then added as (iii):
"(iii) be paid only if and when the Contractor has received from the Employer payments for sums due under the Subcontract referred to under Sub-Clause 5.2.3 [Payment to nominated Subcontractors]."

6.1 Engagement of Staff and Labour

The following paragraph is added at the end of the Sub-Clause:
"The Contractor shall, to the extent practicable and reasonable, employ staff (not less than 50%) and labour (not less than 85%) with appropriate qualifications and experience from sources within the Islamic Republic of Pakistan."

6.7 Health and Safety of Personnel

The existing text is substituted with the following:
"In order to provide for the safety, health and welfare of persons, and for prevention of damage of any kind, all operations for the purposes of or in connection with the Contract shall be carried out in compliance with the Safety Requirements of the Government of Pakistan with such modifications thereto as the Engineer may authorize or direct and the Contractor shall take or cause to be taken such further measures and comply with such further requirements as the Engineer may determine to be reasonably necessary for such purpose. The Contractor shall also provide all other medical services and appoint a health and safety officer at Site if stated in the Specifications. In case of any fatality or serious accident, the Contractor shall, in addition, notify the Engineer immediately by the quickest available means."

6.8 Contractor's Superintendence

Insert at the end of sub-paragraph (a) of this Sub-Clause:
"or, if not, the Contractor shall make competent interpreters available during all working hours, in a number sufficient for those persons to properly perform their superintendence duties"
The following text is added at the end of this Sub-Clause:
"The Contractor's authorized representative and his other engineers working at site shall possess valid registration with the Pakistan Engineering Council.
The Contractor's authorized representative at Site shall be authorized to exercise adequate administrative and financial powers on behalf of the Contractor so as to achieve completion of the Works as per the Contract."

6.12 Key Personnel

The following is inserted at the end of the last paragraph:
"If any of the Key Personnel are not fluent in this language, the Contractor shall make competent interpreters available during all working hours in a number deemed sufficient by the Engineer."
The following Sub-Clauses 6.13 to 6.26 are added at the end of Sub-Clause 6.12:

6.13 Foreign Personnel

The Contractor may bring in to the Country any foreign personnel who are necessary for the execution of the Works to the extent allowed by the applicable Laws. The Contractor shall ensure that these personnel are

provided with the required residence visas and work permits. The Employer will, if requested by the Contractor, use all reasonable endeavours in a timely and expeditious manner to assist the Contractor in obtaining any local, state, national, or government permission required for bringing in the Contractor's personnel.
The Contractor shall be responsible for the return of these personnel to the place where they were recruited or to their domicile. In the event of the death in the Country of any of these personnel or members of their families, the Contractor shall similarly be responsible for making the appropriate arrangements for their return or burial.

6.14 Supply of Foodstuffs

The Contractor shall arrange for the provision of a sufficient supply of suitable food as may be stated in the Specification at reasonable prices for the Contractor's Personnel for the purposes of or in connection with the Contract.

6.15 Supply of Water

The Contractor shall, having regard to local conditions, provide on the Site an adequate supply of drinking and other water for the use of the Contractor's Personnel.

6.16 Measures against Insect and Pest Nuisance

The Contractor shall at all times take the necessary precautions to protect the Contractor's Personnel employed on the Site from insect and pest nuisance, and to reduce the danger to their health. The Contractor shall comply with all the regulations of the local health authorities, including use of appropriate insecticide.

6.17 Alcoholic Liquor or Drugs

The Contractor shall not, otherwise than in accordance with the Laws of the Country, import, sell, give, barter or otherwise dispose of any alcoholic liquor or drugs, or permit or allow importation, sale, gift, barter or disposal thereto by Contractor's Personnel.

6.18 Arms and Ammunition

The Contractor shall not give, barter, or otherwise dispose of, to any person, any arms or ammunition of any kind, or allow Contractor's Personnel to do so.

6.19 Festivals and Religious Customs

The Contractor shall respect the Country's recognized festivals, days of rest and religious or other customs.

6.20 Funeral Arrangements

The Contractor shall be responsible, to the extent required by local regulations, for making any funeral arrangements for any of its local employees who may die while engaged upon the Works.

6.21 Forced Labour

The Contractor, including its Subcontractors, shall not employ or engage forced labour which consists of any work or service, not voluntarily performed, that is exacted from an individual under threat of force or penalty, and includes any kind of involuntary or compulsory labour, such as indentured labour, bonded labour or similar labour-contracting arrangements.

6.22 Child Labour

The Contractor, including its Subcontractors, shall not employ or engage child labour in accordance with relevant law(s) in force in Islamic Republic of Pakistan.

6.23 Employment Records of Workers

The Contractor shall keep complete and accurate records of the employment of labour at the Site. The records shall include the names, ages, genders, hours worked and wages paid to all workers. These records shall be summarized on a monthly basis and submitted to the Engineer. These records shall be included in the details to be submitted by the Contractor under Sub-Clause 6.10 [Contractor's Records].

6.24 Workers' Organizations

The Contractor shall comply with the relevant labour laws of Pakistan which recognize workers' rights to form and to join workers' organizations/Trade Union of their choosing and to bargain collectively without interference.

6.25 Non-Discrimination and Equal Opportunity

The Contractor shall not make decisions relating to the employment or treatment of Contractor's Personnel on the basis of personal characteristics unrelated to inherent job requirements. The Contractor shall base the employment of Contractor's Personnel on the principle of equal opportunity and fair treatment, and shall not discriminate with respect to any aspects of the employment relationship, including recruitment and hiring, compensation (including wages and benefits), working conditions and terms of employment, access to training, job assignment, promotion, termination of employment or retirement, and disciplinary practices.
Special measures of protection or assistance to remedy past discrimination or selection for a particular job based on the inherent requirements of the job shall not be deemed discrimination. The Contractor shall provide protection and assistance as necessary to ensure nondiscrimination and equal opportunity, including for specific groups such as women, persons with disabilities, migrant workers and children (of working age in accordance with Sub-Clause 6.22).

6.26 Epidemics

In the event of any out-break of illness of epidemic nature, the Contractor shall comply with and carry out such regulations, orders and requirements as may be made by the Government or the local medical or sanitary authorities for the purpose of overcoming the same.

7.7 Ownership of Plant and Materials

The following is added before the first paragraph:
"Except as otherwise provided in the Contract,"
The following is added at the end of the Sub-Clause:
"No Plant and/or Materials that is the property of the Employer shallbe removed from the Site. If it becomes necessary to:
(i) remove any item of such Plant from the Site for the purposesof repair, the Contractor shall give a Notice, with reasons, tothe Engineer requesting consent to remove the defective ordamaged item off the Site. This Notice shall clearly identifythe item of defective or damaged Plant, and shall give detailsof: the defect or damage to be repaired; the place to whichdefective or damaged item of Plant is to be taken for repair;the transportation to be used (and insurance cover for suchtransportation); the proposed inspections and testing off theSite; and the planned duration required before the repaireditem of Plant shall be returned to the Site. The Contractorshall also provide any further details that the Employer mayreasonably require; or
(ii) replace any item(s) of such Plant and/or Materials, theContractor shall give a Notice, with reasons, to the Engineerclearly identifying the item(s) of Plant and/or Materials to bereplaced, and giving details of the due date of delivery tothe Site of the replacement item(s).
Where any item of Plant and/or Materials has become the propertyof the Employer under this Sub-Clause

before it has been deliveredto the Site, the Contractor shall ensure that such an item is notmoved except for its delivery to the Site.
The Contractor shall indemnify and hold the Employer harmlessagainst and from the consequences of any defect in title orencumbrance or charge (except any reasonable restrictionarising from the intellectual property rights of the manufacturer orproducer) on any item of Plant and/or Materials that has becomethe property of the Employer under this Sub-Clause."
The following Sub-Clause7.9 is added after Sub Clause 7.8:

7.9 Use of Pakistani Materials and Services

The Contractor shall, so far as may be consistent with the Contract, make the maximum use of materials, supplies, plant and equipment indigenous to or produced or fabricated in Pakistan and services available in Pakistan provided such materials, supplies, plant, equipment and services shall be of required standard.

8.1 Commencement of Works

The following is added before the first paragraph:
“After signing of the Contract Agreement by both Parties,” and thereafter the word “The” is replaced with the word “the”.

8.5 Extension of Time for Completion

The following is added after paragraph (c):
“for last five years”.
The following Sub-Clause 8.14 is added after Sub-Clause 8.13:

8.14 Incentives For Early Completion

If Contract Data does not state applicability of incentives for early completion, this Sub-Clause shall not apply.
The Contractor shall be entitled subject to Sub-Clause 20.2 [Claims for Payment and/or EOT] to bonus payment if the Works and/or each Section is completed earlier than the Time for Completion for the Works or Section (as the case may be). The amount of bonus for early completion of the Works and/or each Section shall be upto a limit and at a rate to 50% of the relevant limit and rate of delay damages prescribed in Contract Data and shall be paid for every day which shall elapse between the relevant Date of Completion of the Works or Section and the relevant Time for Completion.
For the purposes of calculating any bonus payment, the applicableTime for Completion stated in the Contract Data is fixed and noadjustments of this time by reason of granting an EOT will beallowed.
The following Sub-Clause 11.12 is added after Sub-Clause 11.11:

11.12 Supervisory Assistance During DNP

If provided under the Schedule of Prices, the Contractor shall provide supervisory assistance to the Employer during the DNP for the Works. Such supervisory assistance shall be as described in the Specification for the purpose of supporting the Employer's operation and maintenance of the Plant for the period specified in the Schedule of Prices after the Date of Completion.

12.2 Method of Measurement

The following paragraph is added at the end of the Sub-Clause:
“Summary of measured quantity for payment shall be delineated item-wise under four headsnamely; “Schedule of Prices Quantity”, “Quantity Executed To-date”, “Quantity Certified Previously” and “Net Quantity Executed under this Certificate”.

12.3 Valuation of the Works

The following text is added at the end of fifth paragraph of the Sub-Clause:
“Sum of overhead charges and profit for sub-paragraph (a) shall be Twenty Five percent (25%)”.

13.4 Provisional Sums

The following paragraph is inserted as the penultimate paragraph:
“The Provisional Sum shall be used to cover the Employer’s share of the DAAB members’ fees and expenses, in accordance with Clause 21. No prior instruction of the Engineer shall be required with respect to the work of the DAAB. The Contractor shall submit the DAAB members’ invoices and the satisfactory evidence of having paid 100% of such invoices as part of the substantiation of those Statements submitted under Sub-Clause 14.3.

13.6 Adjustments for Changes in Laws

The following paragraphsare added at the end of the Sub-Clause:
“Notwithstanding the foregoing, the Contractor shall not be entitled to an extension of time if the relevant delay has already been taken into account in the determination of a previous extension of time and such Cost shall not be separately paid if the same shall already have been taken into account in the indexing of any inputs to the Table of Adjustment Data in accordance with the provisions of Sub-Clause 13.7 [Adjustments for Changes in Cost].”

14.1 The Contract Price

The following is added at the end of the Sub-Clause:
“Notwithstanding the provisions of subparagraph (b), Contractor's Equipment, including essential spare parts, imported by the Contractor for the sole purpose of executing the Contract shall be temporarily exempt from the payment of import duties and taxes upon initial importation, provided the Contractor shall post with the customs authorities at the port of entry an approved re-export bond or bank guarantee, valid until the Time for Completion plus six months, in an amount equal to the full import duties and taxes which would be payable on the assessed imported value of such Contractor's Equipment and spare parts, and callable in the event the Contractor's Equipment is not re-exported from the Country on completion of the Contract. A copy of the bond or bank guarantee endorsed by the customs authorities shall be provided by the Contractor to the Employer upon the importation of individual items of Contractor's Equipment and spare parts. Upon re-export of individual items of Contractor's Equipment or spare parts, or upon the completion of the Contract, the Contractor shall prepare, for approval by the customs authorities, an assessment of the residual value of the Contractor's Equipment and spare part to be re-exported, based on the depreciation scale(s) and other criteria used by the customs authorities for such purposes under the provisions of the applicable Laws. Import duties and taxes shall be due and payable to the customs authorities by the Contractor on (a) the difference between the initial imported value and the residual value of the Contractor's Equipment and spare parts to re-exported; and (b) on the initial imported value of the Contractor's Equipment and spare parts remaining in the Country after completion of the Contract. Upon payment of such dues within 28 days of being invoiced, the bond or bank guarantee shall be reduced or released accordingly; otherwise the security shall be called in the full amount remaining.”
[The Employer may change or delete this Sub-Clause as per Project requirements]

14.2 Advance Payment

14.2.1 Advance Payment Guarantee
The entity issuing the Advance PaymentGuaranteeand its form shall be as under:
The Advance PaymentGuarantee shall be in the form of Guarantee issued by (a) a Scheduled Bank in Pakistan or (b) a foreign bank duly counter-guaranteed by a Scheduled Bank in Pakistanor (c)an Insurance Companylisted in the Contract Data and rated by PACRA/VIS ofrating as provided in Table below:

Accepted Contract Amount (In Eq. million PKR) Minimum Rating of Insurance Companies
Up to 1000 A (+)
1001 to no limit AA
In case of Joint Venture, the Advance PaymentGuarantee(s)shall be in the name of the Joint Venture or in the name of Lead/either firm of the JV or in ratio of shares of the individual JV partners.

14.6 Issue of IPC

14.6.1 The IPC
In the first line of the 1st paragraph the words “28 days” are substituted by “14 days”.

14.7 Payment

The words “or through crossed cheque in favour of the Contractor or JV partners. The Payment to JV partners shall be made at the request of the Joint Ventures in the ratio of their shares specified by them” are added at the end of the Sub-Clause.

14.8 Delayed Payment

In the first paragraph, third line, the words “compounded monthly” are deleted.
The text of 2nd paragraph is deleted and substituted with the following:
“The Employer shall pay to the Contractor compensation at the rate stated in the Contract Data.”

14.9 Release of Retention Money

The following is added at the end of Sub-Clause 14.9:
“Unless otherwise stated in the Contract, when the Taking-Over Certificate has been issued for the Works and the first half of the Retention Money has been certified for payment by the Engineer, the Contractor shall be entitled to substitute a guarantee, in the form annexed to the Particular Conditions or in another form approved by the Employer and issued by a schedule bank selected by the Contractor, for the second half of the Retention Money. The Contractor shall ensure that the guarantee is in the amounts and currencies of the second half of the Retention Money and is valid and enforceable until the Contractor has executed and completed the Works and remedied any defects, as specified for the Performance Security. On receipt by the Employer of the required guarantee, the Engineer shall certify, and the Employer shall pay the second half of the Retention Money. The release of the second half of the Retention Money against a guarantee shall then be in lieu of the release after the latest of the expiry dates of the Defects Notification Periods. The Employer shall return the guarantee to the Contractor within 21 days after receiving a copy of the Performance Certificate.

If the Performance Security required under Sub-Clause 4.2 is in the form of a demand guarantee, and the amount guaranteed under them when the Taking-Over Certificate is issued is more than half of the Retention Money, then the Retention Money guarantee will not be required. If the amount guaranteed under the Performance Security when the Taking-Over Certificate is issued is less than half of the Retention Money, the Retention Money guarantee will only be required for the difference between half of the Retention Money and the amount guaranteed under the Performance Security.

15.2 Termination for Contractor’s Default

15.2.1 Notice
Following text is added at the end of sub-paragraph (h) of this Sub-Clause:
“For the purposes of this Contract, corrupt and fraudulent practices have been defined in Public Procurement Rules 2004.”
15.2.3 After Termination
The word “and” at the end of sub-paragraph (ii) of paragraph (b) is deleted the following paragraph is added

after sub-paragraph (iii):
“(iv) all Employer-Supplied Materials and/or Employer's Equipment madeavailable to the Contractor in accordance with Sub-Clause 2.6 [Employer-Supplied Materials and Employer's Equipment], and”

15.4 Payment after Termination

The following text is added at the end of this Sub-Clause:
“The Employer shall be entitled to sell any of the Contractor’s Equipment, Temporary Works and unused materials and apply the proceeds of sale towards payment of any debt due from the Contractor to the Employer under this Clause including any outstanding payments to the Subcontractors.

16.2 Termination by Contractor

16.2.1 Notice
The sub-paragraph (j) is deleted in its entirety.
At the end of sub-paragraph (i) “; or” is replaced with “.” and at the end of sub-paragraph (h) “;” is replaced with “; or”.
In sub-paragraph (f) “84 days” are replaced with “180 days” and text “for reasons not attributable to the Contractor” is added at the end.

16.3 Contractor’s Obligations After Termination

Sub-paragraph (c) is deleted and replaced with:
"(c) deliver to the Engineer all Employer-Supplied Materials and/orEmployer's Equipment made available to the Contractor in accordance with Sub-Clause 2.6 [Employer-Supplied Materials and Employer’s Equipment]; and
(d) remove all other Goods from the Site, except as necessary for safety,and leave the Site."

17.1 Responsibility for Care of the Works

After the two instances of “Goods” in the last paragraph, the words “Employer-Supplied Materials and/orEmployer's Equipment” are added.
The following Sub-Clause 17.7 is added after Sub-Clause 17.6:

17.7 Use of Employer’s Accommodation/Facilities

The Contractor shall take full responsibility for the care of the items of the Employer’s facilities and/or accommodation, if any, as detailed in the Specification, from the date of use and/or occupation by the Contractor until the date on which such use and/or occupation is re-vested in the Employer.
If any loss or damage happens to any of the above items during a time while the Contractor is responsible for its care, arising from any cause other than a cause for which the Employer is responsible or liable, the Contractor shall promptly rectify the loss or damage at the Contractor’s risk and cost.

18.1 Exceptional Events

The words “or disorder” are replaced with “disorder or sabotage” in sub-paragraph (c) of the Clause.

18.4 Consequences of an Exceptional Event

The following is added at the end of sub-paragraph (b) after deleting the “.”:
“, including the costs of rectifying or replacing the Works and/or Goods damaged or destroyed by Exceptional Events, to the extent they are not indemnified through the insurance policy referred to in Sub-Clause 19.2 [Insurance to be provided by the Contractor].”

18.5 Optional Termination

In sub-paragraph (c), the words “and necessarily” areadded after the words “was reasonably”.

19.1 General Requirements

Following text is added at the end of first paragraph:
“The Contractor shall immediately after the date of the Letter of Acceptance submit the draft of insurance policies for the Employer’s consent.”
Following text is added at the end of third paragraph:
“The Contractor shall, within the respective periods stated in the Contract Data submit to the Engineer and the Employer a) evidence that the insurances described in this Clause have been effected, and b) copies of policies of the insurances described in Sub-Clauses 19.2.1, 19.2.4 and 19.2.5.”

19.2 Insurance to be provided by the Contractor

19.2.5 Injury to employees
The words “sickness, disease” are deleted in the third line of first paragraph.

The following Sub-Clause is added after Sub-Clause 19.2.6:
19.2.7 Insurance Company
“The Contractor shall be obliged to place all insurances described in this Clause with insurers listed in the Contract Data and rated byPACRA/VISofrating as provided in Table below:

Accepted Contract Amount (In Eq. million PKR) Minimum Rating of Insurance Companies
Up to 1000 A (+)
1001 to no limit AA

21.6 Arbitration

The word “international” is deleted in the sixth line of first paragraph. The text of sub-paragraph (a) is substituted with the following:
“the Dispute shall be finally settled under the Rules of Arbitration, specified in the Contract Data;”
The following Clauses are added after Clause 21

22 Custom Duty

[Employer may incorporate provisions where applicable. However, in order to make the bid more balanced, the payment of Customs Duties should be the responsibility of the Employer.]

23 Taxes

The Contractor, Subcontractors and their employees shall be liable to pay income tax, withholding tax, super tax and other taxes on income arising out of the Contract. The rates and prices as stated in the contract shall be deemed to cover all such taxes.

24 Integrity Part

If it is found and established at any stage that the Contractor or any of his Subcontractors, agents or servants have violated or involved in violation of the Integrity Pact signed by the Contractor then the Employer shall be entitled to :
(a) recover from the Contractor an amount equivalent to ten times the sum of any commission, gratification, bribe, finder’s fee or kickback given by the Contractor or any of his Subcontractors, agent or servants;
(b) terminate the Contract; and
(c) recover from the Contractor any loss or damage to the Employer as a result of such termination or of

any other corrupt business practices of the Contractor or any of his Subcontractors, agent or servants.
The termination under sub-paragraph(b) of this Sub-Clause shall proceed in the manner prescribed under Sub-Clause 15.1 to 15.4 and the payment under Sub-Clause 15.4 shall be made after having deducted the amounts due to the Employer under sub-paragraph(a) and (c) of this Sub-Clause.
Appendix General Conditions of Dispute Avoidance/Adjudication Agreement

12 Disputes Under DAAB Agreement

In the first paragraph, third, fourth and fifth line, the text “under the Rules of Arbitration of the International Chamber of Commerce 2017……shall apply” is substituted with “under the Arbitration Act 1940 by sole arbitrator appointed by the Managing Director Public Procurement Regulatory Authority or Chairman Pakistan Engineering Council.”

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Bid Securing Declaration

FORM OF BID SECURING DECLARATION

Date:
No.:
Alternative No.: ***P119785***

To: **Works Directorate (Capital Development Authority), Deputy Director Works Division-I Room No 26, Block No-III, CDA Main Secretariat, Sector G-7/4, Islamabad**

We, the undersigned, declare that:

We understand that, according to your conditions, Bids must be supported by a Bid-Securing Declaration.

We accept that we will be blacklisted and henceforth cross debarred for participating in respective category of public procurement proceedings for a period of (not more than) six months, if fail to abide with a bid securing declaration, however without indulging in corrupt and fraudulent practices, if we are in breach of our obligation(s) under the Bid conditions, because we:

(a) have withdrawn our Bid during the period of Bid validity specified in the Letter of Bid; or
(b) having been notified of the acceptance of our Bid by the Procuring agency/Employer during the period of Bid validity, (i) fail or refuse to sign the Contract; or (ii) fail or refuse to furnish the Performance Security (or guarantee), if required, in accordance with the ITB.

We understand this Bid Securing Declaration shall expire if we are not the successful Bidder, upon the earlier of (i) our receipt of your notification to us of the name of the successful Bidder; or (ii) twenty-eight days after the expiration of our Bid.

Name of the Bidder*
Name of the person duly authorized to sign the Bid on behalf of the Bidder** _____
Title of the person signing the Bid _____
Signature of the person named above _____
Date signed _____ day of _____, _____
*: In the case of the Bid submitted by joint venture specify the name of the Joint Venture as Bidder
**: Person signing the Bid shall have the power of attorney given by the Bidder attached to the Bid

[Note: In case of a Joint Venture, the Bid-Securing Declaration must be in the name of all members to the Joint Venture that submits the Bid.]

Contract Form

FORM OF CONTRACT AGREEMENT

THIS CONTRACT AGREEMENT (hereinafter called the "Agreement") made on the _____ day of _____ (month) 20_____ between **Works Directorate (Capital Development Authority), Deputy Director Works Division-I Room No 26, Block No-III, CDA Main Secretariat, Sector G-7/4, Islamabad** (hereinafter called the "Employer") of the one part and _____ (hereinafter called the "Contractor") of the other part.

WHEREAS the Employer is desirous that certain Works, viz., **Construction of New Islamabad Convention, Exhibition and Expo Centre, Islamabad (*P119785*)** should be executed by the Contractor and has accepted a Bid by the Contractor for the execution and completion of such Works and the remedying of any defects therein.

NOW this Agreement witnessed as follows:

1. In this Agreement words and expressions shall have the same meanings as are respectively assigned to them in the Conditions of Contract hereinafter referred to.
2. The following documents, in the order of priority, after incorporating addenda, if any, except those parts relating to Instructions to Bidders shall be deemed to form and be read and construed as part of this Agreement:

a) This Contract Agreement;
b) The Letter of Acceptance;
c) The Letter of Bid;
d) The Particular Conditions Part A - Contract Data;
e) The Particular Conditions Part B - SpecialProvisions;
f) The General Conditions;
g) The Specifications Part A - SpecificProvisions;
h) The Specifications Part B- Technical Provisions;
i) The Drawings;
j) The Completed Schedules to Bid including Schedule of Prices;
k) the JV Undertaking (if the Contractor is a JV); and
l) [Employer to insert any other documents forming part of the Contract]

The addenda/corrigenda,if any, (Excluding part relating to Instructions to Bidders alongwith Bidding Data) shall be deemed to have been incorporated at the appropriate places in the "Documents forming the Contract".

3. In consideration of the payments to be made by the Employer to the Contractor as hereinafter mentioned, the Contractor hereby covenants with the Employer to execute and complete the Works and remedy defects therein in conformity and in all respects with the provisions of the Contract.
4. The Employer hereby covenants to pay the Contractor, in consideration of the execution and completion of the Works as per provisions of the Contract, the Contract Price or such other sum as may become payable under the provisions of the Contract at the times and in the manner prescribed by the Contract.

IN WITNESS WHEREOF the parties hereto have caused this Agreement to be executed on the day, month and year first before written in accordance with their respective laws.

Signature of the Contactor Signature of Employer

(Seal) (Seal)

Signed, Sealed and Delivered in the presence of:

Witness Witness

(Name, Title and Address) (Name, Title and Address)

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

DAAB Agreement

[All italicised text and any text within square brackets (except sub-clause headings) in this form of agreement is for use in preparing the form and should be deleted from the final product].

Name and details of the Contract Construction of New Islamabad Convention, Exhibition and Expo Centre, Islamabad

_____

This Agreement made the _____day of _____ [month], _____ [year], between

Name and contact details of the Employer **Works Directorate (Capital Development Authority), Deputy Director Works Division-I**
Room No 26, Block No-III, CDA Main Secretariat, Sector G-7/4, Islamabad
+92-315-530-3631
ayazcda@yahoo.com

Name and contact details of the Contractor _____ (name)
_____ (address)
_____ (telephone)
_____(email / other contact details);

Name and contact details of the DAAB Member _____ (name)
_____ (address)
_____ (telephone)
_____(email / other contact details);

("DAAB Agreement")

Whereas:
A. the Employer and the Contractor have entered (or intend to enter) into the Contract;
B. under the Contract, the "DAAB" or "Dispute Avoidance/Adjudication Board" means the sole member or three members (as stated in the Contract Data of the Contract) so named in the Contract, or appointed under Sub-Clause 21.1 [Constitution of the DAAB] or Sub-Clause 21.2 [Failure to Appoint DAAB Members] of the Conditions of Contract;
C. the Employer and the Contractor desire jointly to appoint the above-named DAAB Member to act on the DAAB as:
a. the sole member of the DAAB, and where this is the case, all references to the "Other Members" do not apply; or
b. one of three members / chairman [delete the one which is not applicable] of the DAAB and, where this is the case, the other two persons are:

_____ (name) _____ (name)
_____ (address) _____ (address)
_____(telephone) _____(telephone)
_____(email/ other contact details) _____ (email/other contact details)

the "**Other Members**"; and
D. the DAAB Member accepts this appointment.

The Employer, Contractor and DAAB Member jointly agree as follows:

1. The conditions of this DAAB Agreement comprise:
(a) Clause 21 [Disputes and Arbitration] of the Conditions of Contract, and any other provisions of the Contract that are applicable to the DAAB's Activities; and
(b) the "General Conditions of Dispute Avoidance/Adjudication Agreement", which is appended to the General Conditions of the "Conditions of Contract for Construction" Second Edition 2017 published by FIDIC ("GCs"), as amended and/or added to by the following provisions.
2. [Details of amendments to the GCs, if any. For example:
In the procedural rules annexed to the GCs, Rule _ is deleted and replaced by: " … "]
3. The DAAB Member shall be paid in accordance with Clause 9 of the GCs. The currency of payment shall be _____.
In respect of Sub-Clauses 9.1 and 9.2 of the GCs, the amounts of the DAAB Member's monthly fee and daily fee shall be:
monthly fee_____ per month, and
daily fee of_____ per day
(or as otherwise set under Sub-Clause 9.3 of the GCs).
4. In consideration of the above fees, and other payments to be made to the DAAB Member in accordance with the GCs, the DAAB Member undertakes to act as DAAB Member in accordance with the terms of this DAAB Agreement.
5. The Employer and the Contractor shall be jointly and severally liable for the DAAB Member's fees and other payments to be made to the DAAB Member in accordance with the GCs.
6. This DAAB Agreement shall be governed by the law of _____ (if not stated, the law that governs the Contract under Sub-Clause 1.4 of the Conditions of Contract).

SIGNED by:_____	SIGNED by:_____	SIGNED by:_____
Print name:_____	Print name:_____	DAAB Member
Title: _____	Title:_____	Title:_____
for and on behalf of the Employer	for and on behalf of the Contractor	
in the presence of	in the presence of	in the presence of
Witness:_____	Witness:_____	Witness:_____
Name:_____	Name:_____	Name:_____
Address:_____	Address:_____	Address:_____
_____	_____	_____
Date:_____	Date:_____	Date:_____

FORM OF MOBILIZATION ADVANCE GUARANTEE/ BOND

Guarantee No._____ Date _____

WHEREAS _____ (hereinafter called the 'Employer')
has entered into a Contract for _____
(Particulars of Contract)
with _____ (hereinafter called the "Contractor').
AND WHEREAS, the Employer has agreed to advance to the Contractor, at the Contractor's request, an amount of Pak Rupees _____ (PKR _____) which amount shall be advanced to the Contractor as per provisions of the Contract.
AND WHEREAS, the Employer has asked the Contractor to furnish Guarantee to secure the mobilization advance for the performance of his obligations under the said Contract.
AND WHEREAS, _____

(hereinafter called the “Guarantor”) at the request of the Contractor and in consideration of theEmployer agreeing to make the above advance to the Contractor, has agreed to furnish the said Guarantee.
NOW, THEREFORE, the Guarantor hereby guarantees that the Contractor shall use the advance for the purpose of above mentioned Contract and if he fails and commits default in fulfilment of any of his obligations for which the advance payment is made, the Guarantor shall be liable to the Employer for payment not exceeding the aforementioned amount.
Notice in writing of any default,on the part of the Contractor, of which the Employer at his discretion of making decision, shall be given by the Employer to the Guarantor, and on such first written demand, payment shall be made by the Guarantor of all sums then due under this Guarantee without any reference to the Contractor and without any objection.
This Guarantee shall remain in force until the advance is fully adjusted against payments from the Interim Payment Certificates of the Contractor or until _____whichever is earlier.
(Date)
The Guarantor's liability under this Guarantee shall not in any case exceed the sum of
PKR _____ (PakRupees _____).
This Guarantee shall remain valid up to the aforesaid date and shall be null and void after the aforesaid date or earlier if the advance made to the Contractor is fully adjusted against paymentsfrom Interim Payment Certificates of the Contractor provided that the Guarantor

agrees that the aforesaid period of validity shall be deemed to be extended if on the above mentioned date the advance payment is not fully adjusted.

Guarantor
(Scheduled Bank/ Insurance Company)

Signature _____
Name _____
Title _____

WITNESS:

1. _____

_____

Corporate Secretary (Seal) Corporate Guarantor (Seal)

2. _____

_____

Name, Title & Address

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Retention Money Security
Demand Guarantee

_____ [Guarantor letterhead or SWIFT identifier code]
Beneficiary: _____ [Insert name and Address of Employer]
Date: _____[Insert date of issue]
RETENTION MONEY GUARANTEE No.: [Insert guarantee reference number]
Guarantor: [Insert name and address of place of issue, unless indicated in the letterhead]

We have been informed that _____ [insert name of Contractor, which in the case of a joint venture shall be the name of the joint venture] (hereinafter called "the Contractor") has entered into Contract No. _____ [insert reference number of the contract] dated _____ with the Employer, for the execution of _____ [insert name of contract and brief description of Works] (hereinafter called "the Contract").
Furthermore, we understand that, according to the conditions of the Contract, the Employer retains moneys up to the limit set forth in the Contract ("the Retention Money"), and that when the Taking-Over Certificate has been issued under the Contract and the first half of the Retention Money has been certified for payment, payment of [insert the second half of the Retention Money orifthe amount guaranteed under the Performance Guarantee when the Taking-Over Certificate is issued is less than half of the Retention Money, the difference between half of the Retention Money and the amount guaranteed under the Performance Security and, if required, the ES Performance Security] is to be made against a Retention Money guarantee.
At the request of the Applicant, we, as Guarantor, hereby irrevocably undertake to pay the Beneficiary any sum or sums not exceeding in total an amount of _____ [insert amount in figures] () [amount in words] upon receipt by us of the Employer's complying demand supported by the Beneficiary's statement, whether in the demand itself or in a separate signed document accompanying or identifying the demand, stating that the Applicant is in breach of its obligation(s) under the Contract, without your needing to prove or show grounds for your demand or the sum specified therein.
A demand under this guarantee may be presented as from the presentation to the Guarantor of a certificate from the Employer's bank stating that the second half of the Retention Money as referred to above has been credited to the contractor on its account number _____ at _____ [insert name and address of Contractor's bank].
This guarantee shall expire no later than the …. day of ……, 2…, and any demand for payment under it must be received by us at the office indicated above on or before that date.

_____
[signature(s)]

Note: All italicized text (including footnotes) is for use in preparing this form and shall be deleted from the final product.

Integrity Pact

Integrity Pact

DECLARATION OF FEES, COMMISSION AND BROKERAGE ETC. PAYABLE BYTHE SUPPLIERS OF GOODS, SERVICES & WORKS IN CONTRACTS WORTH RS.10.00 MILLION OR MORE

Contract Number: Contract Value: Contract Title:

Dated:

[Name of Supplier] hereby declares that it has not obtained or induced the procurement of any contract, right, interest, privilege or other obligation or benefit from Government of Pakistan or any administrative subdivision or agency thereof or any other entity owned or controlled by it (GoP) through any corrupt business practice.

Without limiting the generality of the foregoing [Name of Supplier] represents and warrants that it has fully declared the brokerage, commission, fee etc. paid or payable to anyone and not given or agreed to give and shall not give or agree to give to anyone within or outside Pakistan either directly or indirectly through any natural or juridical person, including its affiliate, agent, associate, broker, consultant, director, promoter, shareholder, sponsor or subsidiary, any commission, gratification, bribe, finder's fee or kickback, whether described as consultations fee or otherwise, with the object of obtaining or inducing the procurement of a contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP, except that which has been expressly declared pursuant hereto.

[Name of Supplier] certifies that it has made and will make full disclosure of all agreements and arrangements with all persons in respect of or related to the transaction with GoP and has not taken any action or will not take any action to circumvent the above declaration, representative or warranty.

[Name of Supplier] accepts full responsibility and strict liability for making and false declaration, not making full disclosure, misrepresenting fact or taking any action likely to defeat the purpose of this declaration, representation and warranty. It agrees that any contract, right interest, privilege or other obligation or benefit obtained or procured as aforesaid shall, without prejudice to any other right and remedies available to GoP under any law, contract or other instrument, be voidable at the option of GoP.

Notwithstanding any rights and remedies exercised by GoP in this regard, [Name of Supplier] agrees to indemnify GoP for any loss or damage incurred by it on account of its corrupt business practices and further pay compensation to GoP in an amount equivalent to ten time the sum of any commission, gratification, bribe, finder's fee or kickback given by [Name of Supplier] as aforesaid for the purpose of obtaining or inducing the procurement of any contract, right, interest, privilege or other obligation or benefit in whatsoever form from GoP.

Name of Employer: …… Name of Bidder/Contractor: ……
Signature: …… Signature: …….
[Seal] [Seal]

Performance Guarantee Form

FORM OF PERFORMANCE SECURITY

Guarantee No._____
Executed on _____
Expiry date _____

Name of Guarantor with address: _____

Name of Principal (Contractor) with address:_____

Penal Sum of Security (express in words and figures) _____

Letter of Acceptance No. _____Dated _____

KNOW ALL MEN BY THESE PRESENTS, that in pursuance of the terms of the Bidding Documents and above said Letter of Acceptance (hereinafter called the Documents) and at the request of the said Principal we, the Guarantor above named, are held and firmly bound unto the **Works Directorate (Capital Development Authority), Deputy Director Works Division-I Room No 26, Block No-III, CDA Main Secretariat, Sector G-7/4, Islamabad** (hereinafter called the Employer) in the penal sum of the amount stated above for the payment of which sum well and truly to be made to the said Employer, we bind ourselves, our heirs, executors, administrators and successors, jointly and severally, firmly by these presents.

THE CONDITION OF THIS OBLIGATION IS SUCH, that whereas the Principal has accepted the Employer's above said Letter of Acceptance for _____ _____

(Name of Contract) for the **Construction of New Islamabad Convention, Exhibition and Expo Centre, Islamabad** (**P119785**)
_____ (Name of Project).

NOW THEREFORE, if the Principal (Contractor) shall well and truly perform and fulfill all the undertakings, covenants, terms and conditions of the said Documents during the original terms of the said Documents and any extensions thereof that may be granted by the Employer, with or without notice to the Guarantor, which notice is, hereby, waived and shall also well and truly perform and fulfill all the undertakings, covenants terms and conditions of the Contract and of any and all modifications of said Documents that may hereafter be made, notice of which modifications to the Guarantor being hereby waived, then, this obligation to be void; otherwise to remain in full force and virtue till all requirements of Clause11, Defects After Taking Over, of Conditions of Contract are fulfilled.

Our total liability under this Guarantee is limited to the sum stated above and it is a condition of any liability attaching to us under this Guarantee that the claim for payment in writing shall be received by us within the validity period of this Guarantee, failing which we shall be discharged of our liability, if any, under this Guarantee.

We, _____ (the Guarantor), waiving all objections and defense under the Contract, do hereby irrevocably and independently guarantee to pay to the Employer without delay upon the Employer's first written demand without cavil or arguments and without requiring the Employer to prove or to show grounds or reasons for such demand any sum or sums up to the amount stated

above, against the Employer's written declaration that the Principal has refused or failed to perform the obligations under the Contract which payment will be effected by the Guarantor to Employer's designated Bank & Account Number.

PROVIDED ALSO THAT the Employer shall decide, whether the Principal (Contractor) has duly performed his obligations under the Contract or has defaulted in fulfilling said obligations and the Guarantor shall pay without objection any sum or sums up to the amount stated above upon first written demand from the Employer forthwith and without any reference to the Principal or any other person.

IN WITNESS WHEREOF, the above-bounden Guarantor has executed this Instrument under its seal on the date indicated above, the name and corporate seal of the Guarantor being hereto affixed and these presents duly signed by its undersigned representative, pursuant to authority of its governing body.

Guarantor
(Schedule Bank/ Insurance Company)
Signature: _____
Name: _____
Title: _____

Corporate Guarantor (Seal)

WITNESS:

1.
_____
_____

2.

_____
_____
Name, Title & Address

Annexure

Special Provisions

Information (Read-Only)

See Form Under Additional Forms and Documents: **Special Provisions** (page number: 90)

Existing Building Drawing 1

Information (Read-Only)

See Form Under Additional Forms and Documents: **Existing Building Drawing 1** (page number: 93)

Existing Building Drawing 2

Information (Read-Only)

See Form Under Additional Forms and Documents: **Existing Building Drawing 2** (page number: 110)

Existing Building Drawing 3

Information (Read-Only)

See Form Under Additional Forms and Documents: **Existing Building Drawing 3** (page number: 134)

Existing Building Drawing 4

Information (Read-Only)

See Form Under Additional Forms and Documents: **Existing Building Drawing 4** (page number: 148)

Existing Building Drawing 5

Information (Read-Only)

See Form Under Additional Forms and Documents: **Existing Building Drawing 5** (page number: 183)

New Building Drawing 1

Information (Read-Only)

See Form Under Additional Forms and Documents: **New Building Drawing 1** (page number: 187)

New Building Drawing 2

Information (Read-Only)

See Form Under Additional Forms and Documents: **New Building Drawing 2** (page number: 222)

New Building Drawing 3

Information (Read-Only)

See Form Under Additional Forms and Documents: **New Building Drawing 3** (page number: 240)

New Building Drawing 4

Information (Read-Only)

See Form Under Additional Forms and Documents: **New Building Drawing 4** (page number: 277)

New Building Drawing 5

Information (Read-Only)

See Form Under Additional Forms and Documents: **New Building Drawing 5** (page number: 314)

Furniture Layout JCC

Information (Read-Only)

See Form Under Additional Forms and Documents: **Furniture Layout JCC** (page number: 339)

Abstract of Cost

The bidder must submit the abstract of cost estimate duly filled, signed and stamped.

Financial Submission (Vendor)

Document Required

See Form Under Additional Forms and Documents: **Abstract of Cost** (page number: 343)

Bill of Quantities (BoQ)

Details of items, quantities, and related specifications, as applicable, are provided in this Annexure.

Information (Read-Only)

See Form Under Additional Forms and Documents: **Bill of Quantities (BoQ)** (page number: 344)

Procurement Forms

Past Construction Experiences

See Form Under Additional Forms and Documents: **Past Construction Experiences** (page number: 562)

Contractor's Key Personnel Representative and Their Schedules

See Form Under Additional Forms and Documents: **Contractor's Key Personnel Representative and Their Schedules** (page number: 568)

Financial Resources

See Form Under Additional Forms and Documents: **Financial Resources** (page number: 572)

Past Experience and Completed Contracts

See Form Under Additional Forms and Documents: **Past Experience and Completed Contracts** (page number: 573)

Historical Contract Non-Performance, and Pending Litigation and Litigation History

See Form Under Additional Forms and Documents: **Historical Contract Non-Performance, and Pending Litigation and Litigation History** (page number: 574)

Current Contracts and Their Progress

See Form Under Additional Forms and Documents: **Current Contracts and Their Progress** (page number: 576)

Financial Capacity and Net Worth Evaluation Form

See Form Under Additional Forms and Documents: **Financial Capacity and Net Worth Evaluation Form** (page number: 577)

Average Annual Turnover

See Form Under Additional Forms and Documents: **Average Annual Turnover** (page number: 579)

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

PUBLIC PROCUREMENT REGULATORY AUTHORITY
(PPRA)
EPADS

Additional Forms and Documents

SPECIAL PROVISIONS

1 SITE OFFICES AND TEMPORARY FACILITIES FOR THE EMPLOYER / THE ENGINEER / ENGINEER'S REPRESENTATIVE / CONSULTANTS

The Contractor shall, within fourteen (14) days of the commencement of any work at the Site provide an office accommodation for the Engineer / Engineer's Representative / Consultants at the Site comprising covered area of not less than Hundred (100) square meters. The office accommodation may be in the form of steel containers. The office accommodation shall be fully equipped with air-conditioning, two fridges 6 cft. and furniture/fixtures as approved by the Engineer/Engineer's representative.

The Contractor's proposed office for Engineer / Engineer's Representative / Consultants shall be subject to the approval of the Engineer. The Contractor shall maintain this office and all charges in respect of providing and maintaining not limited to the utilities like electricity, telephone, Internet, water supply, sewerage, janitorial services, messenger and office boy etc., shall be borne by the Contractor.

The Contractor shall maintain the office accommodation till completion of project.

Site Offices

Two Offices Fully Furnished (Each Container Based 20' x 10') with attached wash rooms. Each container shall have the following furnishing requirements, but not limited to:

i. Tables	= 06 Nos.
ii. Revolving Chairs	= 06 Nos.
iii. Visitor Chairs	= 12 Nos.
iv. Notice Board	= 02No.
v. Wall Clock	= 04No.
vi. Reversible Air Conditioner	(As per requirement) .
vii. File Rack	= 04No.
vii. Attached Bath/Toilet (The Engineer Office)	= 04 No
viii. Water Dispenser	= 02No.

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a. Record Room (Size 100 sq.ft min)

i. File Rack = 05 Nos.

ii. Tables = 02 No.

iii. Revolving Chair = 02 Nos.

iv. Visitor Chairs = 04 Nos.

b. Meeting Room (At least having size of 20' x 16')

i. Meeting Tables (Conference Table) = 01No.

ii. Chairs = 10 Nos.

iii. Wall Clock = 01No.

iv. Reversible Air Conditioner (2.0 Ton Capacity) = 01No.

v. White Board = 01No.

vi. Green Board = 01No.

vii. Projector with Multimedia Screen = 01No.

viii. Water Dispenser = 01No.

The Contractor shall also provide, operate and maintain the following facilities for the Engineer's / Engineer's Representative / Consultants use for the Contract period:

c. **Provision of Apple Mac Pro** = 04 Nos.

Laptops Latest Models (17 inches screen); within 14 days of the Engineer's Order to Commence the Works.

d. **Provision of Desktop Computer** = 04 Nos.

Latest Model Desktop Computers (Ci7/6th Gen./16GB RAM/256GB SATA Drive/24 inch LCD/650 VA UPS) with all accessories

e. **Provision of Printer + photocopier (A3)** = 02 No.

Panasonic (DP-8045)/Konica Minolta or equivalent: within 14 days of the Engineer's Order to Commence the Works.

f. **Provision of Colour Printer (A3 Size)** = 01 No.

HP or equivalent: within 14 days of the Engineer's Order to Commence the Works.

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g. Furnishing and Maintaining Transportation Facilities / (Vehicles)

The Contractor shall furnish, operate and maintain motor vehicles 02 Nos. Toyota Corolla 1600cc and 02 Nos Suzuki Alto 660cc (latest Model, Automatic Gear Transmission) Brand New along with insurance of vehicles, fueling cost (up to 200 liters/month/vehicle), driver, repair and maintenance) for the exclusive use of the Engineer / Engineer's Representative/ Consultants to meet their transportation needs in connection with the Contract. The use of such transportation facilities shall be under the control of the Engineer / Engineer's Representative/ Consultants, and the Contractor shall be wholly responsible for furnishing at all times a satisfactory operating transportation service for the Engineer. The vehicles shall be available at all times till completion of project, commencing from the date of issuance of the Engineer's Notice to Commence the Works. In case the scheduled Contract period is increased due to any reasons, the Contractor shall make available the vehicles at his expenses till completion of project. The Contractor shall furnish, supply and provide, as may be necessary without the specific direction of the Engineer, all fuel, lubricants, tyres and other supplies, all maintenance and repairs, insurance cover, and suitable qualified drivers at all times. All vehicles shall be as approved by the Engineer.

NOTE:

1) The bidder will include the cost of above facilities/ provisions in his bid price and no separate payment, what so ever, will be made to the Contractor on this account.

2) All the above facilities shall be on rental basis or owned by the Contractor and will be return to the contractor after issuance of TOC except for the Laptops which shall become the property of the Engineer.

3) The provision, furnishing, and maintenance of the above facilities till the issuance of Taking Over Certificate shall be the sole responsibility of the Contractor.

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INFRASTRUCTURE DEVELOPMENT AUTHORITY OF PUNJAB
GOVERNMENT OF PUNJAB

CONSTRUCTION OF NEW ISLAMABAD CONVENTION,EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROPOSED DRAWINGS FOR PC-1

ARCHITECTURE

OCTOBER, 2026

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CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

LIST OF DRAWINGS (ARCHITECTURE)					
SR NO.	DRAWING NO.	DRAWING TITLE	SR NO.	DRAWING NO.	DRAWING TITLE
	GENERAL DRAWINGS			GENERAL DRAWINGS	
1	NICEEC-ISD-GD-03-G001	LIST OF DRAWINGS	47	NICEEC-ISD-03-A704	TYPICAL DETAILS - 3
2	NICEEC-ISD-GD-03-G002	ABBREVIATIONS, SYMBOLS & LEGEND	48	NICEEC-ISD-03-A705	TYPICAL DETAILS - 4
	MASTER PLAN		49	NICEEC-ISD-03-A706	TYPICAL DETAILS - 5
3	NICEEC-ISD-03-MP01	MASTER PLAN	50	NICEEC-ISD-03-A707	TYPICAL DETAILS - 6
	CONVENTION CENTER		51	NICEEC-ISD-03-A708	TYPICAL DETAILS - 7
4	NICEEC-ISD-03-A101	GROUND FLOOR EXISTING PLAN	52	NICEEC-ISD-03-A709	TYPICAL DETAILS - 8
5	NICEEC-ISD-03-A102	FIRST FLOOR EXISTING PLAN	53	NICEEC-ISD-03-A710	THRESHOLD DETAILS (TYP.)
6	NICEEC-ISD-03-A103	SECOND FLOOR EXISTING PLAN	54	NICEEC-ISD-03-A711	MISC. SITE / LANDSCAPE DETAILS
7	NICEEC-ISD-03-A104	THIRD FLOOR EXISTING PLAN	55	NICEEC-ISD-03-A712	TYPICAL TOILET PARTITION DETAILS
8	NICEEC-ISD-03-A105	GROUND FLOOR DEMOLITION PLAN	56	NICEEC-ISD-03-A713	TYPICAL DADO DETAILS
9	NICEEC-ISD-03-A106	FIRST FLOOR DEMOLITION PLAN	57	NICEEC-ISD-03-A714	GYPBD DETAILS
10	NICEEC-ISD-03-A107	SECOND FLOOR DEMOLITION PLAN	58	NICEEC-ISD-03-A715	FIRE HYDRANT CABINET DETAIL
11	NICEEC-ISD-03-A108	THIRD FLOOR DEMOLITION PLAN	59	NICEEC-ISD-03-A718	TYPICAL FALSE CEILING DETAILS
12	NICEEC-ISD-03-A109	GROUND FLOOR PROPOSED PLAN	60	NICEEC-ISD-03-A719a	LOUNGE RENDER IMAGE
13	NICEEC-ISD-03-A110	FIRST FLOOR PROPOSED PLAN	61	NICEEC-ISD-03-A719	LOUNGE-3 DETAIL
14	NICEEC-ISD-03-A111	SECOND FLOOR PROPOSED PLAN	62	NICEEC-ISD-03-A720	LOUNGE ELEVATION A & B
15	NICEEC-ISD-03-A112	THIRD FLOOR PROPOSED PLAN	63	NICEEC-ISD-03-A721a	VIP ROOM-1 RENDER IMAGE
16	NICEEC-ISD-03-A151	GROUND FLOOR FURNITURE LAYOUT PLAN	64	NICEEC-ISD-03-A721	VIP ROOM-1 DETAIL
17	NICEEC-ISD-03-A152	FIRST FLOOR FURNITURE LAYOUT PLAN	65	NICEEC-ISD-03-A722	VIP ROOM-1 ELEVATION A & C
18	NICEEC-ISD-03-A153	SECOND FLOOR FURNITURE LAYOUT PLAN	66	NICEEC-ISD-03-A723a	MEETING ROOM RENDER IMAGE
19	NICEEC-ISD-03-A154	THIRD FLOOR FURNITURE LAYOUT PLAN	67	NICEEC-ISD-03-A723	MEETING ROOM DETAIL
20	NICEEC-ISD-03-A161	ROOM FINISHES SCHEDULE	68	NICEEC-ISD-03-A724	MEETING ROOM ELEVATION A ,B & D
21	NICEEC-ISD-03-A201	PROPOSED AND EXISTING ELEVATIONS - 01	69	NICEEC-ISD-03-A725a	VVIP&PM SECTION & OFFICE RENDER IMAGE
22	NICEEC-ISD-03-A202	PROPOSED AND EXISTING ELEVATIONS - 02	70	NICEEC-ISD-03-A725	VVIP&PM SECTION & OFFICE DETAIL
23	NICEEC-ISD-03-A203	PROPOSED AND EXISTING ELEVATIONS - 03	71	NICEEC-ISD-03-A726	VVIP&PM SECTION & OFFICE ELEVATION A ,C & D
24	NICEEC-ISD-03-A301	SECTION A	72	NICEEC-ISD-03-A727a	BOARD ROOM RENDER IMAGE
25	NICEEC-ISD-03-A551	DOOR & WINDOW SCHEDULE	73	NICEEC-ISD-03-A727	BOARD ROOM DETAIL
26	NICEEC-ISD-03-A561	DOORS DETAILS - I	74	NICEEC-ISD-03-A728	BOARD ROOM ELEVATION A ,C & D
27	NICEEC-ISD-03-A562	DOORS DETAILS - II	75	NICEEC-ISD-03-A729	GOVT. MEDIA ROOM DETAIL
28	NICEEC-ISD-03-A601	INTERNAL SIGNAGE LEGEND	76	NICEEC-ISD-03-A730	ELEVATION 01 & 02
29	NICEEC-ISD-03-A602	INTERNAL SIGNAGE ELEVATION AND TYPICAL DETAIL-I	77	NICEEC-ISD-03-A731	ELEVATION 03 & 04
30	NICEEC-ISD-03-A603	INTERNAL SIGNAGE ELEVATION AND TYPICAL DETAIL-II	78	NICEEC-ISD-03-A732	BACKUP SECURITY ROOM DETAIL
31	NICEEC-ISD-03-A604	INTERNAL SIGNAGE ELEVATION AND TYPICAL DETAIL-III	79	NICEEC-ISD-03-A733	BACKUP SECURITY ROOMELEVATION 01 & 02
32	NICEEC-ISD-03-A605	INTERNAL SIGNAGE ELEVATION AND TYPICAL DETAIL-IV	80	NICEEC-ISD-03-A734	BACKUP SECURITY ROOM ELEVATION 03, 04 & 05
33	NICEEC-ISD-03-A606	INTERNAL SIGNAGE ELEVATION AND TYPICAL DETAIL-V	81	NICEEC-ISD-03-A735a	BACK ENT. LOBBY RENDER IMAGE
34	NICEEC-ISD-03-A607	INTERNAL SIGNAGE ELEVATION AND TYPICAL DETAIL-VI	82	NICEEC-ISD-03-A735	BACK ENT. LOBBY DETAIL
35	NICEEC-ISD-03-A608	INTERNAL SIGNAGE ELEVATION AND TYPICAL DETAIL-VII	83	NICEEC-ISD-03-A736	BACK ENT. LOBBY ELEVATION 01
36	NICEEC-ISD-03-A609	GROUND FLOOR INTERNAL SIGNAGE TAGGING PLAN	84	NICEEC-ISD-03-A737	BACK ENT. LOBBY ELEVATION 03
37	NICEEC-ISD-03-A610	FIRST FLOOR INTERNAL SIGNAGE TAGGING PLAN	85	NICEEC-ISD-03-A738	BACK ENT. LOBBY ELEVATION 04
38	NICEEC-ISD-03-A611	SECOND FLOOR INTERNAL SIGNAGE TAGGING PLAN	86	NICEEC-ISD-03-A739a	MAIN ENT.LOBBY RENDER IMAGE
39	NICEEC-ISD-03-A612	THIRD FLOOR INTERNAL SIGNAGE TAGGING PLAN	87	NICEEC-ISD-03-A739	MAIN ENT.LOBBY DETAIL
40	NICEEC-ISD-03-A801	GROUND FLOOR FIX FURNITURE TAGGING PLAN	88	NICEEC-ISD-03-A740	MAIN ENT.LOBBY ELEVATION 01
41	NICEEC-ISD-03-A802	FIRST FLOOR FIX FURNITURE TAGGING PLAN	89	NICEEC-ISD-03-A741	MAIN ENT.LOBBY ELEVATION 02
42	TYPICAL DETAILS		90	NICEEC-ISD-03-A742a	CONVENTION CENTER HALL RENDER IMAGE
43	NICEEC-ISD-03-A701	WALL TYPES -1	91	NICEEC-ISD-03-A742	CONVENTION CENTER HALL DETAIL
44	NICEEC-ISD-03-A701a	WALL TYPES - 2	92	NICEEC-ISD-03-A743	CONVENTION CENTER HALL ELEVATION 01 & 02
45	NICEEC-ISD-03-A702	TYPICAL DETAILS - 1	93	NICEEC-ISD-03-A744	CONVENTION HALL CEILING DETAIL
46	NICEEC-ISD-03-A703	TYPICAL DETAILS - 2			

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(GENERAL DRAWINGS)

PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

LIST OF DRAWINGS

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-GD-03-G001	REVISION: 00

ABBREVIATIONS

A	
A/C	AIR CONDITIONING
AHU	AIR HANDLING UNIT
ALUM.	ALUMINUM
ANOD	ANODIZED
AR/A	ARCHITECTURAL
B	
BLDG	BUILDING
BD	BOARD
BOT.O.	BOTTOM OF
BOS	BOTTOM OF SLAB
BSMT	BASEMENT
BV	BLAST VALVE
C	
CLG	CEILING
CEM	CEMENT
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUOUS
CMU	CONCRETE MASONRY UNIT
CW	CURTAIN WALL
D	
DET	DETAIL
DN	DOWN
DR/D	DOOR
DRN	DRAIN
DWG	DRAWING
DIM	DIMENSION
D.O.	DROP OFF
E	
E	EAST , EASTING
ED	EMERGENCY DOOR
EL	ELEVATION
ELEC	ELECTRIC/ELECTRICAL
EQ	EQUAL
EQPT	EQUIPMENT
EXP	EXPANSION
EXP JT	EXPANSION JOINT
EXT	EXTERIOR
EWC	EASTERN WATER CLOSET
EWH	ELECTRIC WATER HEATER

F	
FFL	FINISH FLOOR LEVEL
FH	FIRE HYDRANT
FHC	FIRE HOSE CABINET
FIN	FINISH
FLR	FLOOR
FR	FIRE RESISTIVE
G	
GALV	GALVANIZED
GEN/G	GENERAL
GLS	GLASS
GRC	GLASS FIBER REINFORCED CEMENT
GRD	GROUND
GRG	GLASS FIBER REINFORCED GYPSUM
GYP	GYPSUM
H	
H	HOOK
HR	HOUR
HT	HEIGHT
HW	HARDWARE
I	
ID	INTERIOR DESIGN
INT	INTERIOR
J	
JAN	JANITOR
JT	JOINT
K	
KS	KITCHEN SINK
KIT	KITCHEN
L	
L	LENGTH
LAV	LAVATORY
LEV	LEVEL
LS	LANDSCAPE
LTG	LIGHTING

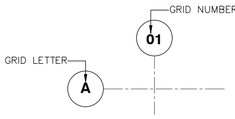
M	
M	METER/MIRROR
MACH	MACHINE
MAX	MAXIMUM
MDF	MEDIUM DENSITY FIBERBOARD
MECH	MECHANICAL
MET	METAL
MEZZ	MEZZANINE
MFTR	MANUFACTURER
MH	MANHOLE
MID	MIDDLE
MIN	MINIMUM
MM	MILLIMETER
MO	MASONRY OPENING
MNTD	MOUNTED
MNT	MINUTE
N	
N	NORTH , NORTHING
NIC	NOT IN CONTRACT
NO	NUMBER
NTS	NOT TO SCALE
O	
OC	ON CENTER
OPNG	OPENING
P	
PART/P	PARTITION
PC	PRECAST
PLAS	PLASTER
PLYBD	PLYBOARD
PNL	PANEL
PR	PAIR
PTG	PLANTING
R	
R	RADIUS
RAC	ROOM AIR CONDITIONER
RC	REINFORCED CONCRETE
RD	ROOF DRAIN
RE/REF	REFER
REQ	REQUIRED
RM	ROOM
RP	REMOVABLE PANEL

S	
S	SOUTH , SLOPE
SB	SPLASH BLOCK
SECT/SEC	SECTION
SIM	SIMILAR
SQ	SQUARE
SRDN	SCUPPER ROOF DRAIN
SSTL	STAINLESS STEEL
SS	STRUCTURAL SLAB
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STL	STEEL
STO	STORAGE
STRUC	STRUCTURE
SUSP	SUSPENDED
T	
T&B	TOILET AND BATH
TD	TRENCH DRAIN
THK	THICK
TO.	TOP OF
TOC	TOP OF CONCRETE
T.O.S.S	TOP OF STRUCTURAL SLAB
TYP	TYPICAL
TOW	TOP OF WALL
U	
UL	UNDERWRITER LABORATORIES
UR	URINAL
UNO	UNLESS NOTED OTHERWISE
V	
VIP	VERY IMPORTANT PERSON
VERT	VERTICAL
W	
W	WEST/WIDTH
W/	WITH
WC	WATER CLOSET
WD	WOOD
WDO/W	WINDOW
WH	WEEP HOLE
WP	WORKING POINT

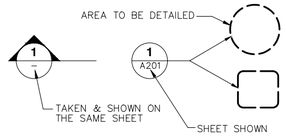
&	AND
%	PERCENT
⌀	DIAMETER
@	AT
℄	CENTER LINE
#	NUMBER
≃	APPROXIMATE

SYMBOLS

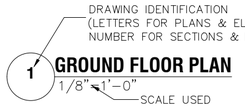
GRID LINES



DETAIL CALLOUT



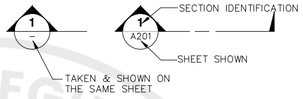
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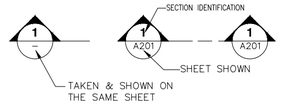
BLDG ELEVATION CALLOUT



SECTION CUT



SECTION CUT



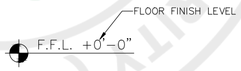
INTERIOR ELEVATION CALLOUT



REVISION



LEVEL ID



DATUM POINT, WORKING POINT

DOOR DESIGNATION KEY

PRECAST PANEL TYPE

EQUIPMENT NUMBER

WALL TYPE

GLAZED DOOR TYPE

CURTAIN WALL

WINDOW TYPE

DOOR TYPE

LOUVER TYPE

ARCH TYPE

LEGENDS

- COMPACTED NATURAL SOIL (EXCAVATED & REFILLED)
- REINFORCED CONCRETE
- BRICK WALL
- DRY WALL PARTITIONS
- BLOCKS WALL
- SCOPE OF LIMIT LINE
- PLASTER AND GROUT
- MEMBRANE WATERPROOFING / VAPOR
- INSULATION (RIGID)
- INSULATION (LOOSE)
- STEEL AND IRON
- GRASS
- WOOD BLOCKING
- GLASS (LARGE SCALE)
- RUBBER, PLASTIC AND SEALANT
- STONE CLADDING
- ACOUSTIC TILE (LARGE SCALE)
- WOOD FINISH (PLAN & SECTION)

DISCIPLINES & DRAWINGS SERIES KEY

DISCIPLINES KEY

G / GN	GENERAL
PK	PACKAGE
D	DEMOLITION
C	CIVIL
L	LANDSCAPE
A	ARCHITECTURE
S	STRUCTURE
M	HVAC
P	PLUMBING
E	ELECTRICAL

GENERAL NOTES

1. ALL DIMENSIONS ARE IN FEET/INCHES, UNLESS OTHERWISE NOTED.
2. IF ANY ERROR OR OMISSION IS FOUND IN DRAWING IDAP OFFICE MAY BE CONSULTED FOR RECTIFICATION.
3. FOR ANY FURTHER DETAIL /CLARIFICATION ON THE DRAWING PLEASE CONTACT THE PROJECT ARCHITECT.
4. ALL NECESSARY NOC'S/PERMISSIONS MAY BE OBTAINED FROM THE CONCERNED AUTHORITIES BEFORE COMMENCEMENT OF PROJECT AT SITE.
5. THE SITE DIMENSIONS AND PROFILE AS SHOWN ON THE LAYOUT PLAN MUST BE VERIFIED ON GROUND PRIOR TO COMMENCEMENT OF CONSTRUCTION IN ORDER TO AVOID COMPLICATIONS LATER ON.
6. H.V.A.C, PUBLIC HEALTH , ELECTRICAL AND LANDSCAPING SERVICES TO BE FINALIZED IN CONSULTATION WITH IDAP OFFICE PRIOR TO START OF CONSTRUCTION.
7. CONTRACTOR/CONSULTANT TO CONFIRM HANDICAP TOILET WITH ANSI 117.1
8. FOR ALL STRUCTURE DETAILS REFER TO STRUCTURE DRAWINGS.
9. ALL EXPOSED FACES OF WOOD,WOOD VENEER,WOOD PLY BOARD SHALL BE POLISHED AS PER SHADE APPROVED BY THE PROJECT ARCHITECT, IN CHARGE.
10. FOR TYPICAL DETAILS SECTION, USE REFERRED DETAILS.
11. CONTRACTOR TO COORDINATE ALL OPENINGS IN SHEAR WALLS WITH ARCHITECTUR DRAWINGS BEFORE COMMENCEMENT OF WORK.
12. PLINTH PROTECTION SHOULD BE AS PER SITE OR 3'-0" WIDE.(MIN.)

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(GENERAL DRAWINGS)

PROJECT STATUS:

PROPOSED DRAWINGS

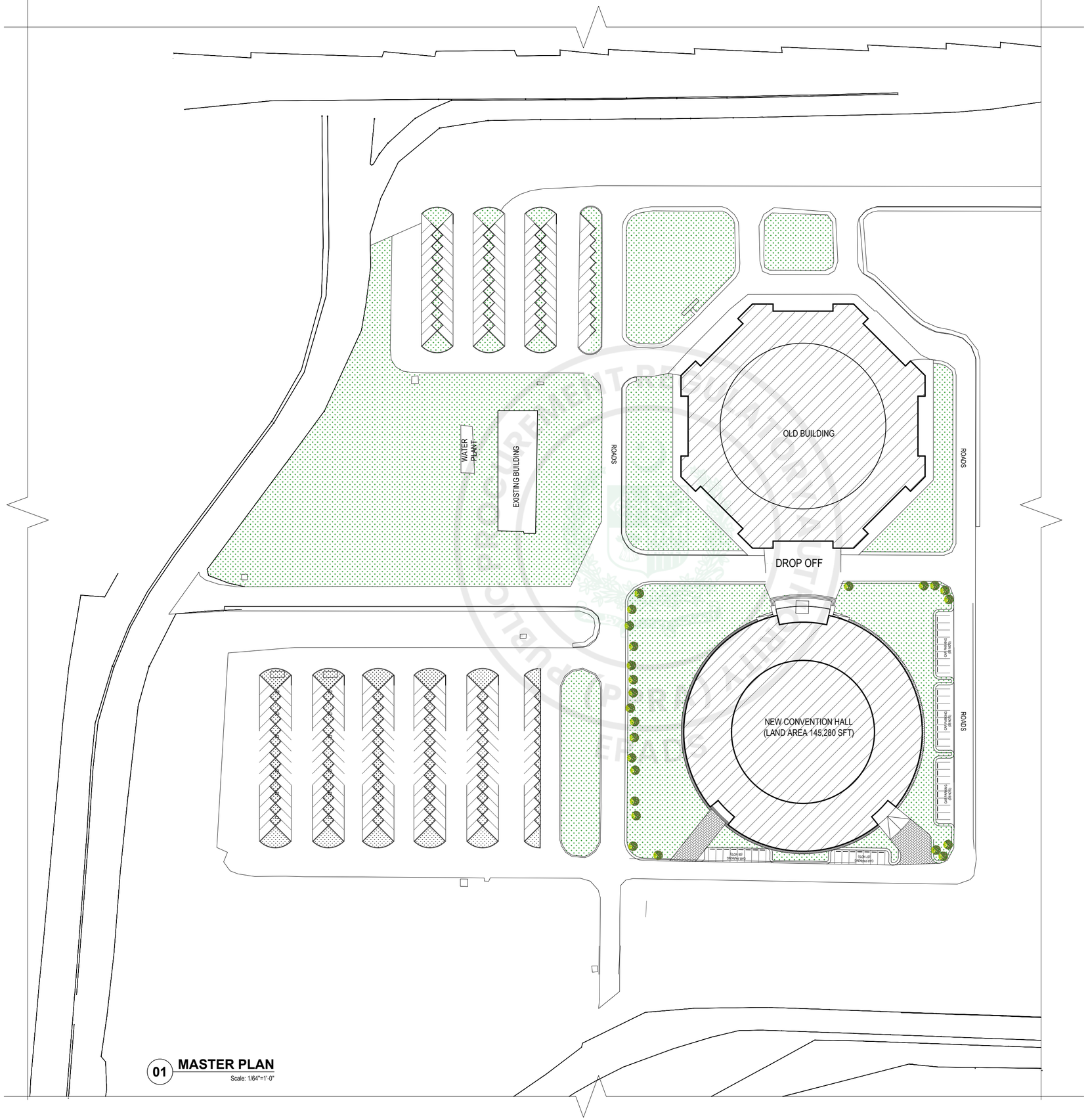
DRAWING TITLE:

ABBREVIATIONS, SYMBOLS & LEGEND

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-GD-03-G002	REVISION: 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



01 **MASTER PLAN**
Scale: 1/64"=1'-0"

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN FEET/INCHES, UNLESS OTHERWISE NOTED.
2. IF ANY ERROR OR OMISSION IS FOUND IN DRAWING THIS OFFICE MAY BE CONSULTED FOR RECTIFICATION.
3. FOR ANY FURTHER DETAIL /CLARIFICATION ON THE DRAWING PLEASE CONTACT THE PROJECT ARCHITECT.
4. ALL NECESSARY NOC'S/PERMISSIONS MAY BE OBTAINED FROM THE CONCERNED AUTHORITIES BEFORE COMMENCEMENT OF PROJECT AT SITE.
5. THE SITE DIMENSIONS AND PROFILE AS SHOWN ON THE LAYOUT PLAN MUST BE VERIFIED ON GROUND PRIOR TO COMMENCEMENT OF CONSTRUCTION IN ORDER TO AVOID COMPLICATIONS LATER ON.
6. H.V.A.C. PUBLIC HEALTH , ELECTRICAL AND LANDSCAPING SERVICES TO BE FINALIZED IN CONSULTATION WITH IDAP OFFICE PRIOR TO START OF CONSTRUCTION.
7. CONTRACTOR/CONSULTANT TO CONFIRM HANDICAP TOILET WITH ANSI 117.1
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9. FOR TYPICAL DETAILS SECTION, USE REFERRED DETAILS.
10. FOR SUMP PIT,LIFT PITS TRENCHES DETAILS AND LOCATIONS REFER MEP AND STRUCTURE.
11. RAIN WATER PIPES , ROOF SLOPES , RIDGES ARE INDICATIVE ONLY PLEASE REFER MEP DRAWINGS FOR DETAILS.
12. PLEASE VERIFY THE ROAD LEVELS WITH REFERENCE TO GRADING PLAN AS IT VARIES AT VARIOUS LOCATIONS /ENTRANCES OF THE BUILDING.

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

PROPOSED DRAWINGS

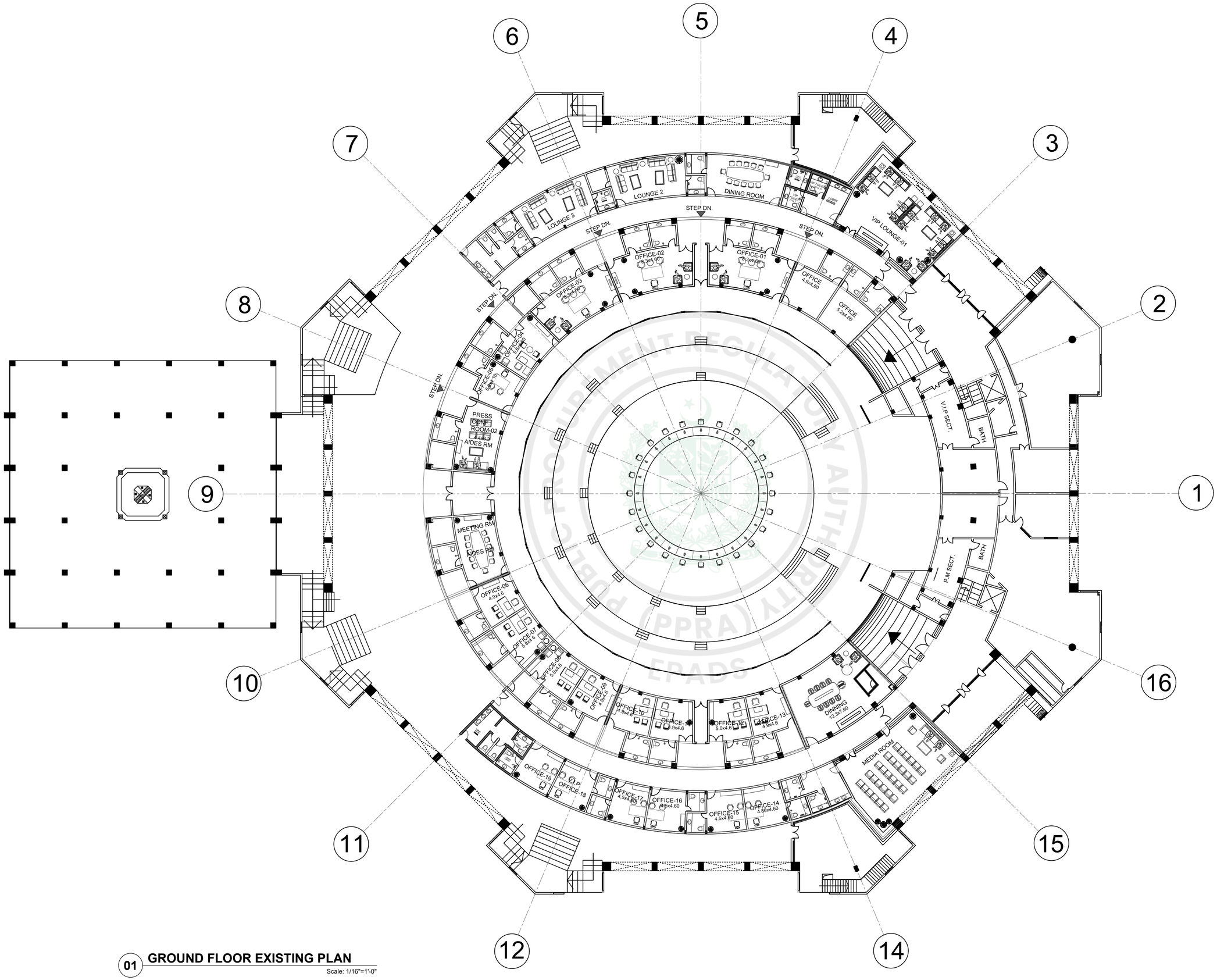
DRAWING TITLE:

MATER PLAN

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/16" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-03-MP01	REVISION: 00

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01 GROUND FLOOR EXISTING PLAN

Scale: 1/16"=1'-0"

GENERAL NOTES:

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PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

PROPOSED DRAWINGS

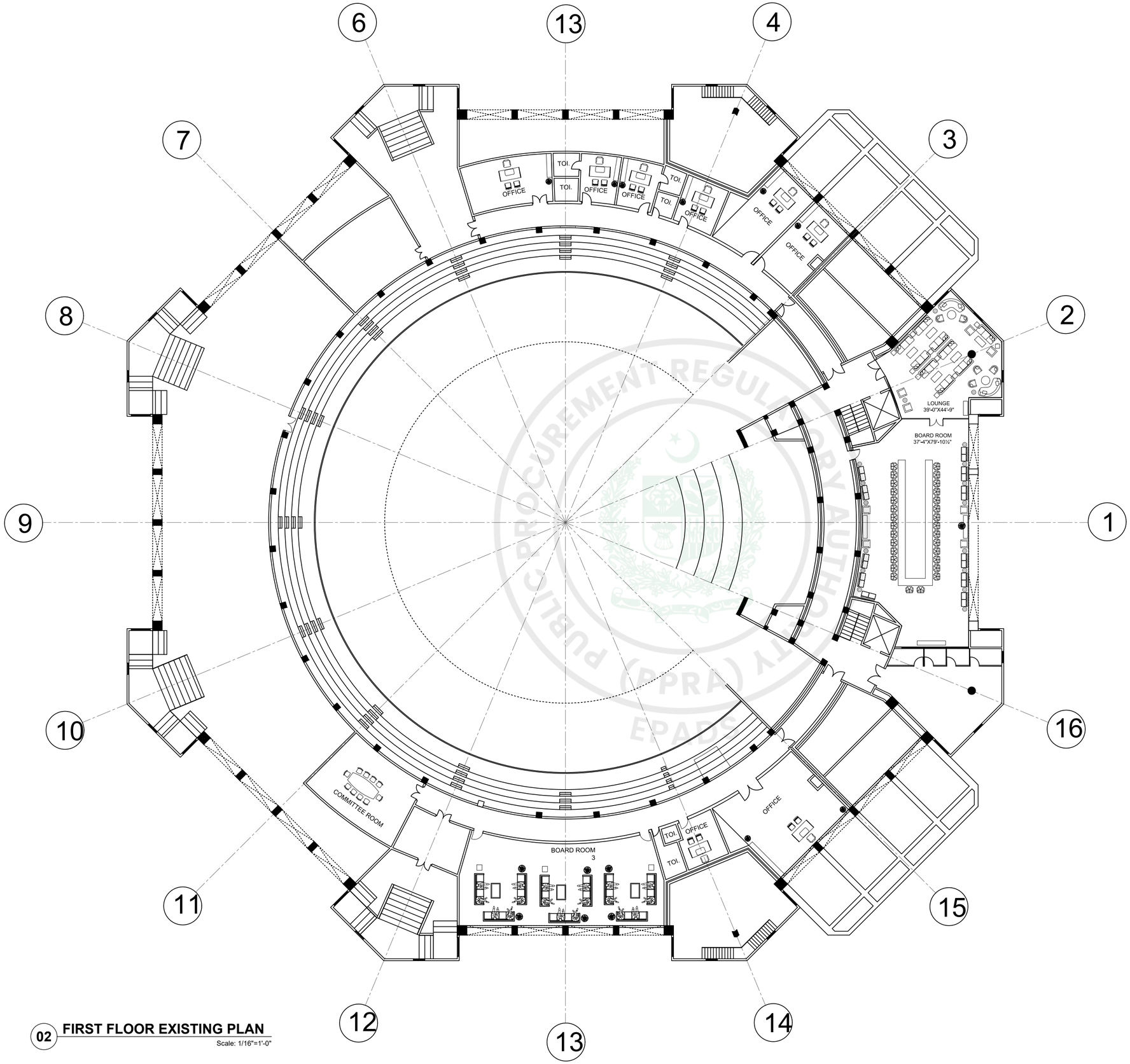
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GROUND FLOOR EXISTING PLAN

REV.	DATE	DESCRIPTION

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02 FIRST FLOOR EXISTING PLAN

Scale: 1/16"=1'-0"

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN FEET/INCHES, UNLESS OTHERWISE NOTED.
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PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

PROPOSED DRAWINGS

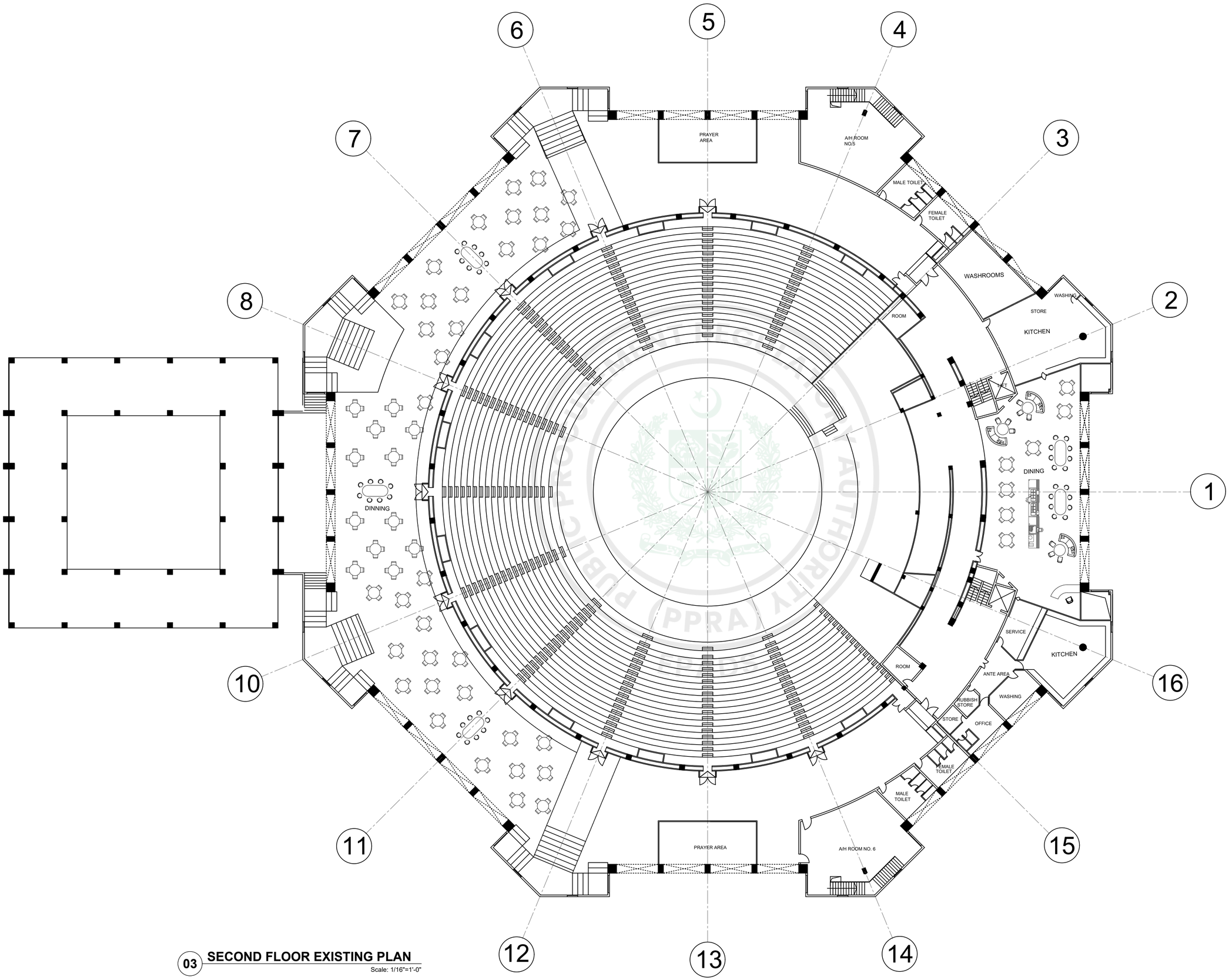
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FIRST FLOOR EXISTING PLAN

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/16" = 1'-0"
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03 **SECOND FLOOR EXISTING PLAN**
Scale: 1/16"=1'-0"

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN FEET/INCHES, UNLESS OTHERWISE NOTED.
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PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

PROPOSED DRAWINGS

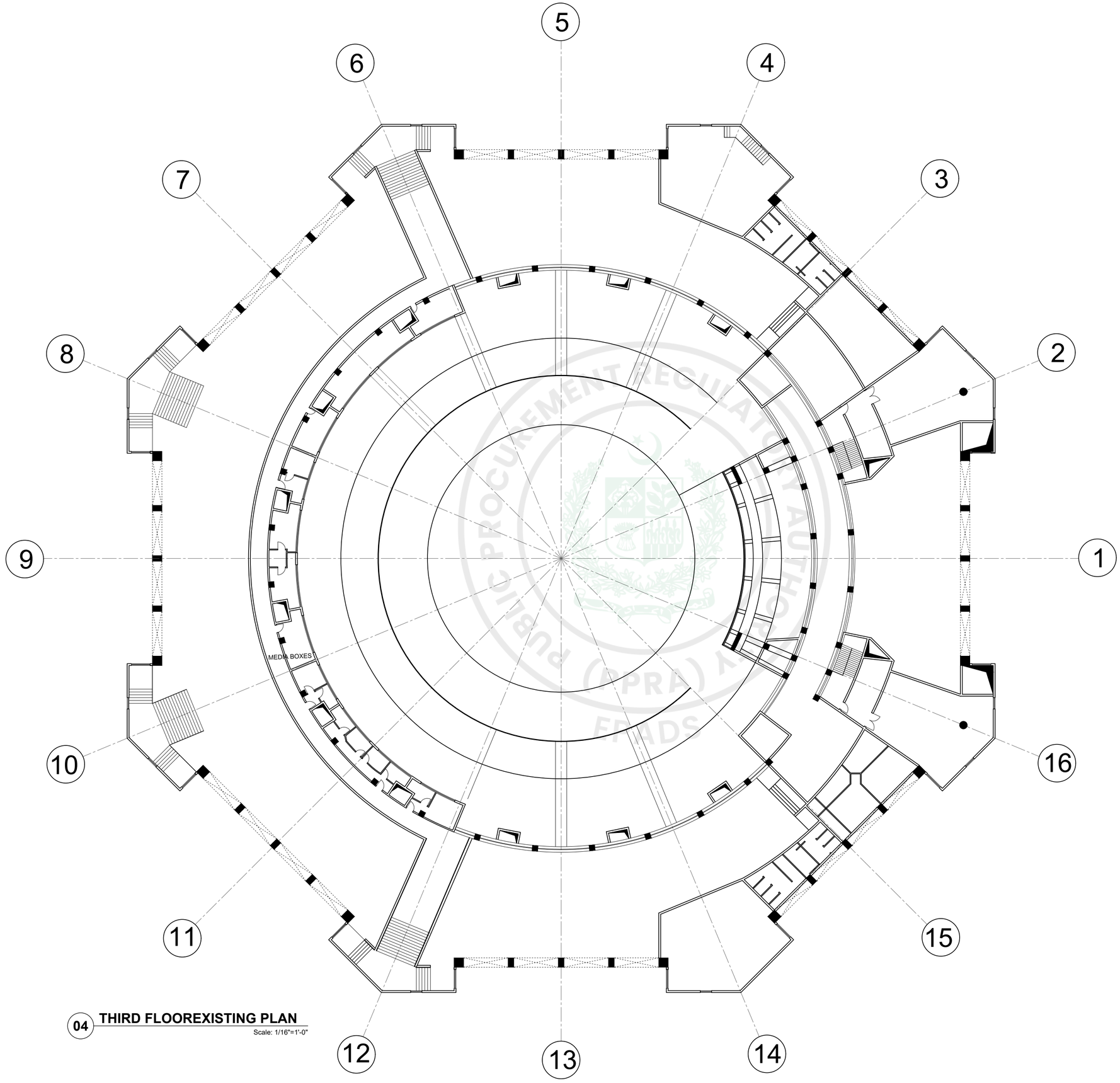
DRAWING TITLE:

SECOND FLOOR EXISTING PLAN

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/16" = 1'-0"
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PUBLIC PROPERTY AUTHORITY (PPRA)



04 THIRD FLOOREXISTING PLAN
Scale: 1/16"=1'-0"

GENERAL NOTES:

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PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

PROPOSED DRAWINGS

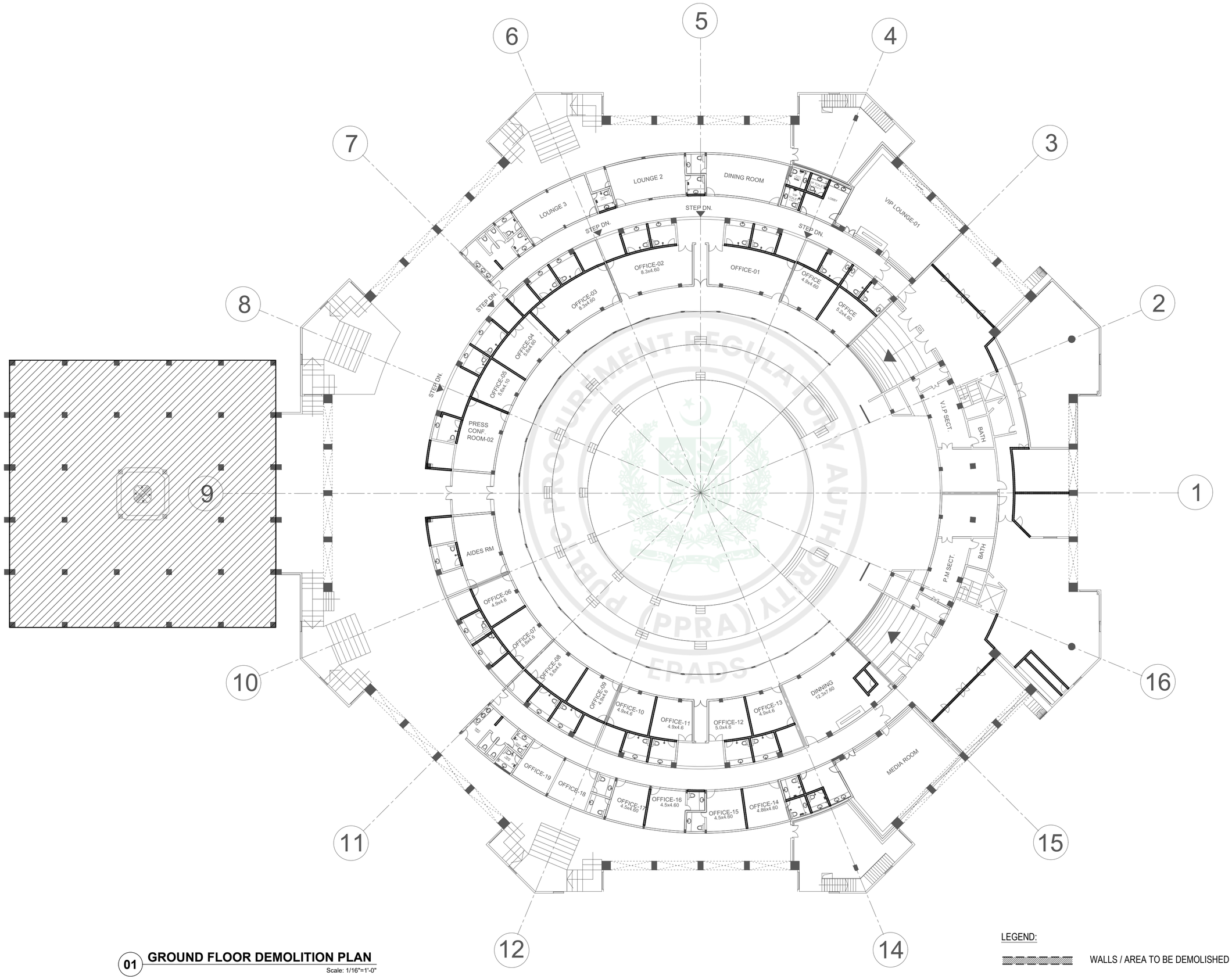
DRAWING TITLE:

THIRD FLOOR EXISTING PLAN

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01 GROUND FLOOR DEMOLITION PLAN
Scale: 1/16"=1'-0"

LEGEND:

WALLS / AREA TO BE DEMOLISHED

EXISTING WALLS

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN FEET/INCHES, UNLESS OTHERWISE NOTED.
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PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

PROPOSED DRAWINGS

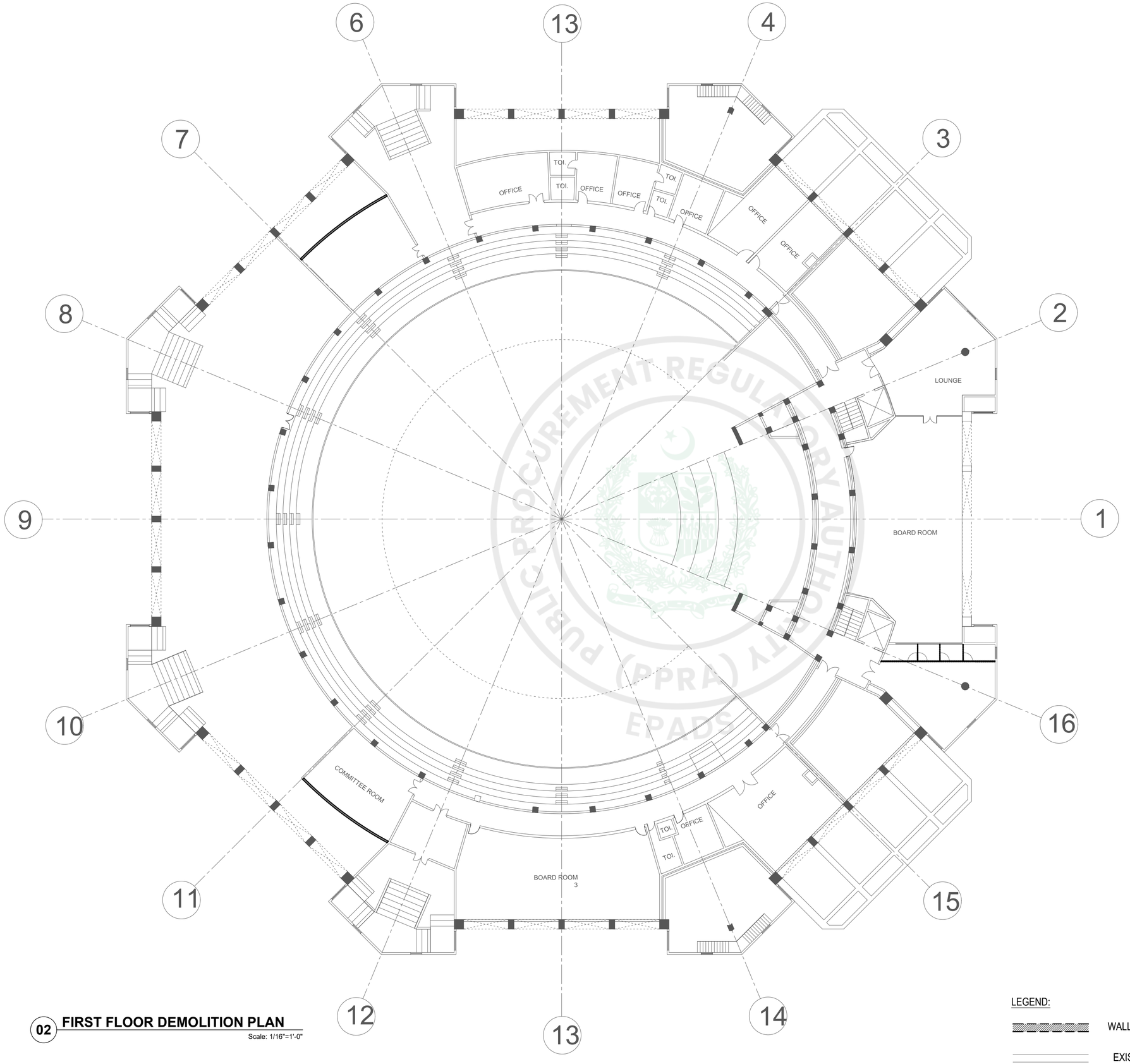
DRAWING TITLE:

GROUND FLOOR DEMOLITION PLAN

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/16" = 1'-0"
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DRAWING NO. NICEEC-REB-03-A105	REVISION: 00

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02 FIRST FLOOR DEMOLITION PLAN

Scale: 1/16"=1'-0"

LEGEND:

WALLS / AREA TO BE DEMOLISHED

EXISTING WALLS

GENERAL NOTES:

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PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

PROPOSED DRAWINGS

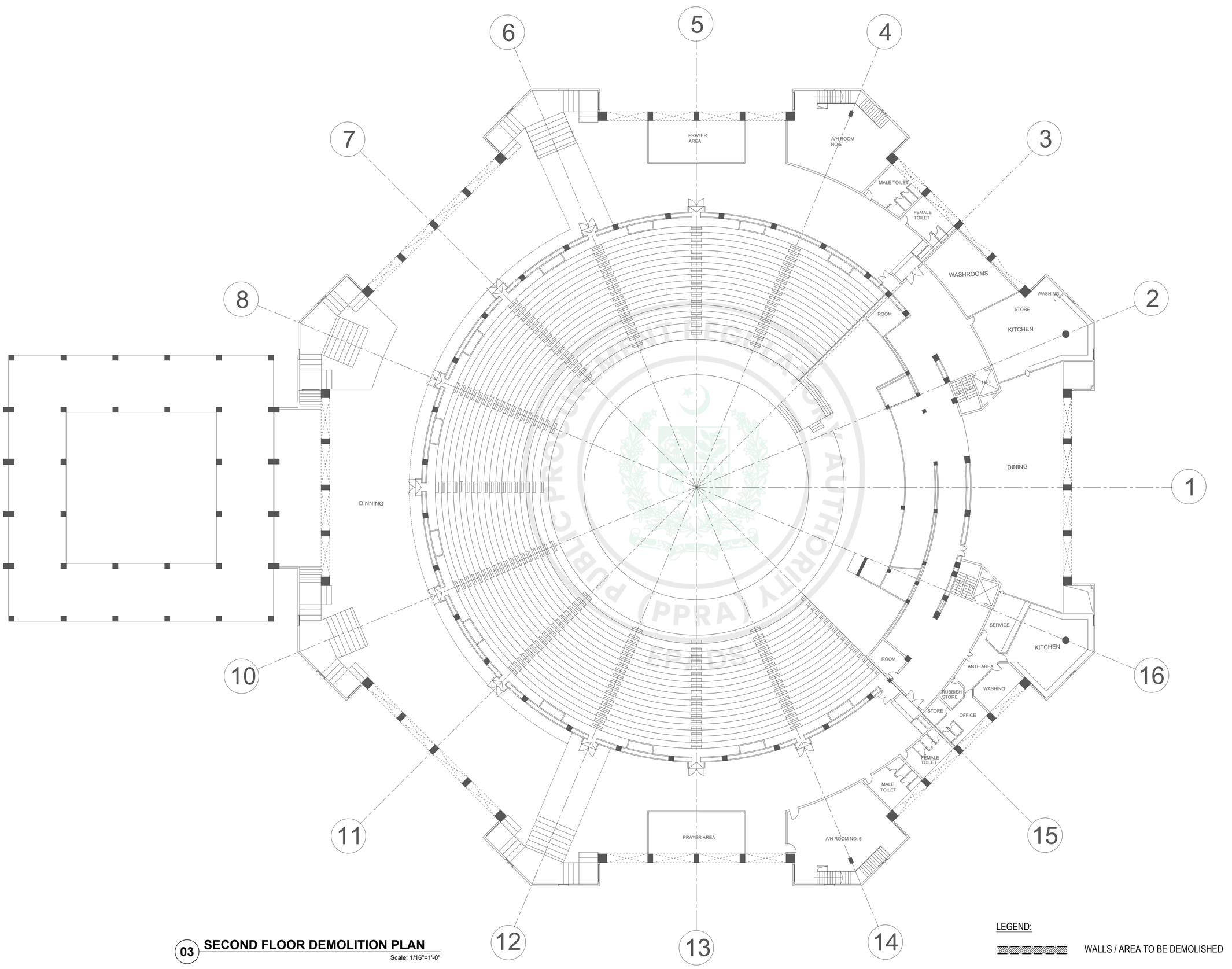
DRAWING TITLE:

FIRST FLOOR DEMOLITION PLAN

REV.	DATE	DESCRIPTION

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03 **SECOND FLOOR DEMOLITION PLAN**
Scale: 1/16"=1'-0"

LEGEND:

WALLS / AREA TO BE DEMOLISHED

EXISTING WALLS

GENERAL NOTES:

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PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

PROPOSED DRAWINGS

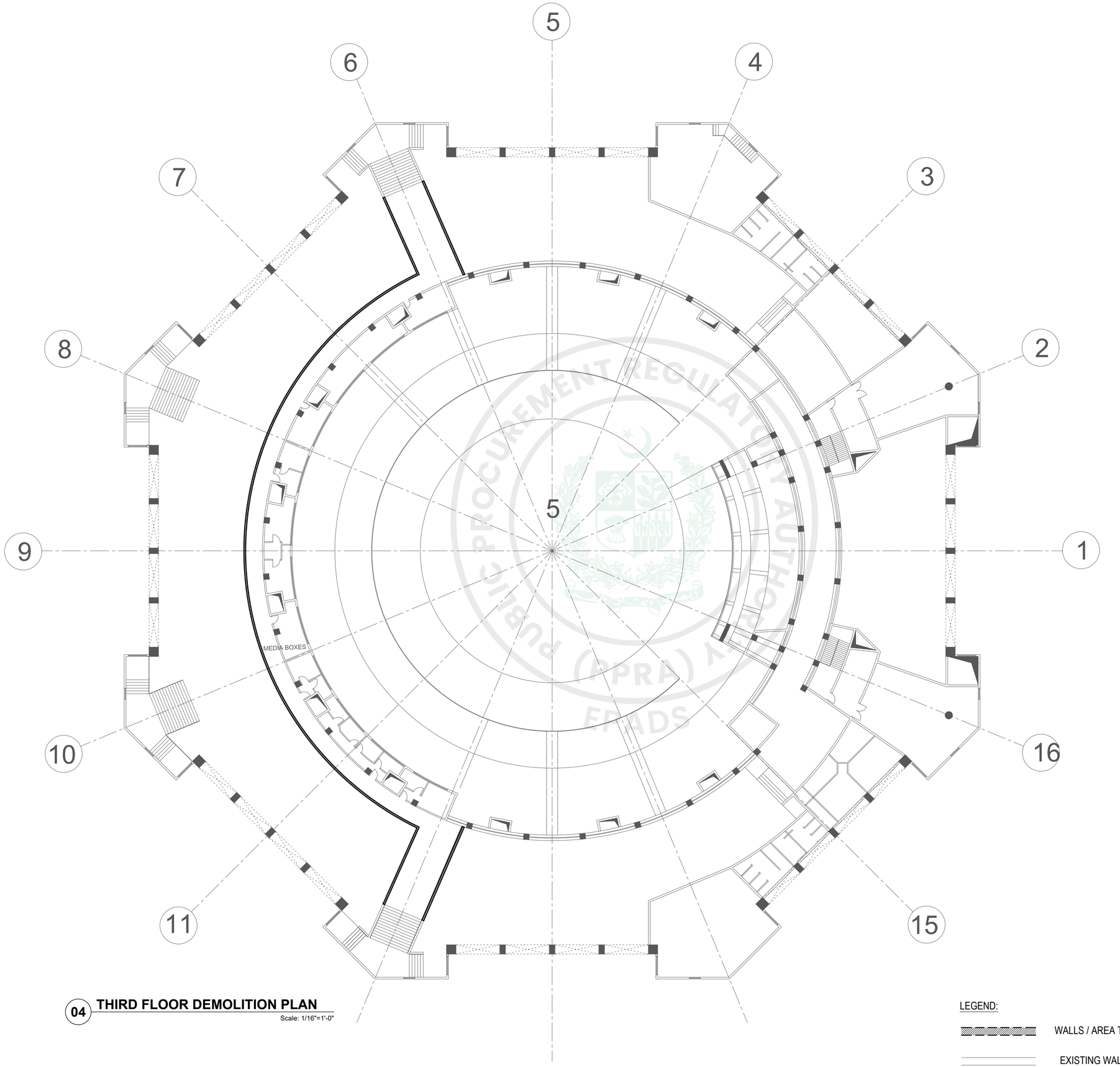
DRAWING TITLE:

SECOND FLOOR DEMOLITION PLAN

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/16" = 1'-0"
DRAWN BY:	DESIGN BY:
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DRAWING NO. NICEEC-REB-03-A107	REVISION: 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



04 THIRD FLOOR DEMOLITION PLAN
Scale: 1/16"=1'-0"

LEGEND:

WALLS / AREA TO BE DEMOLISHED

EXISTING WALLS

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PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

PROPOSED DRAWINGS

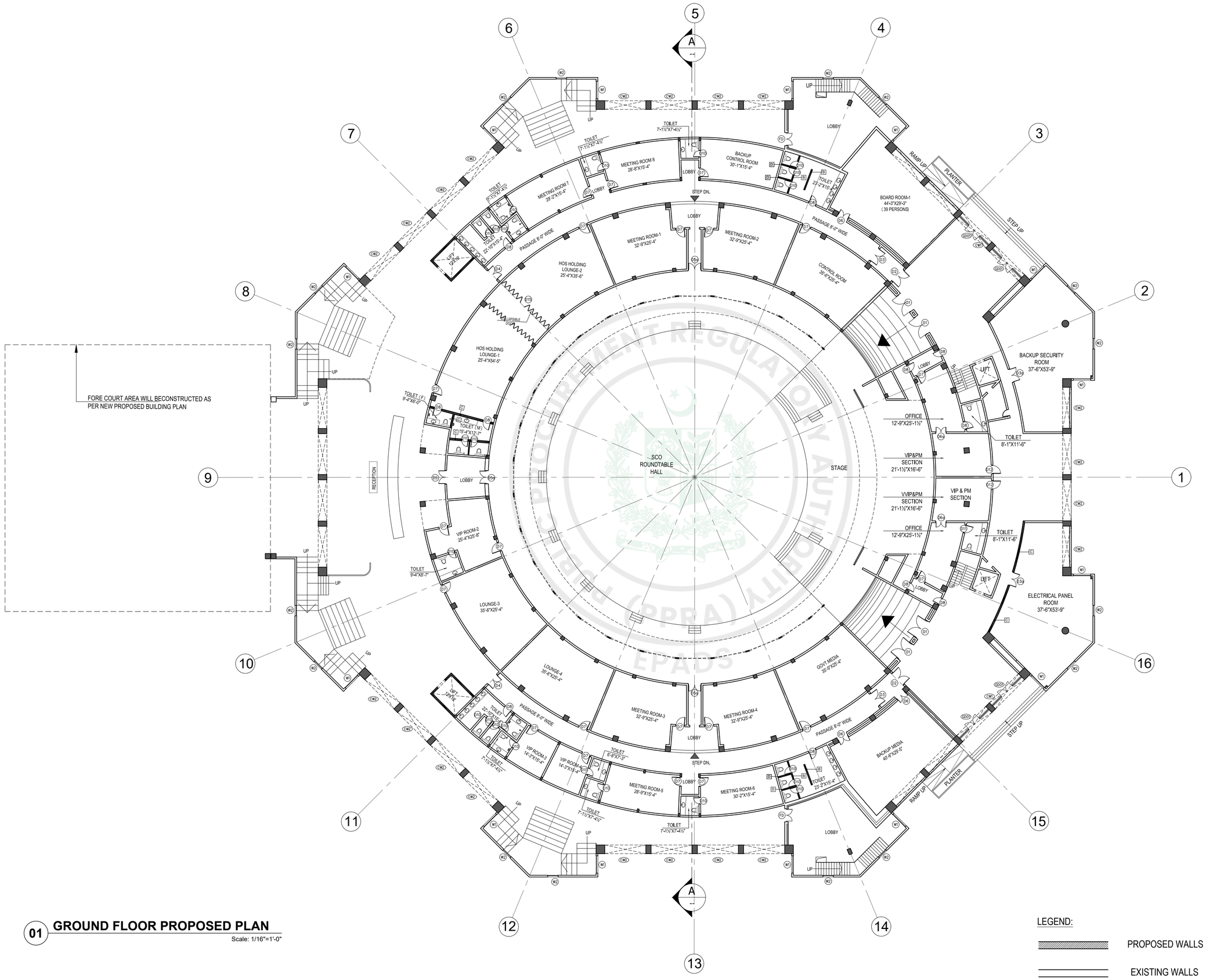
DRAWING TITLE:

THIRD FLOOR DEMOLITION PLAN

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/16" = 1'-0"
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01 GROUND FLOOR PROPOSED PLAN

Scale: 1/16"=1'-0"

LEGEND:

PROPOSED WALLS

EXISTING WALLS

GENERAL NOTES:

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PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

PROPOSED DRAWINGS

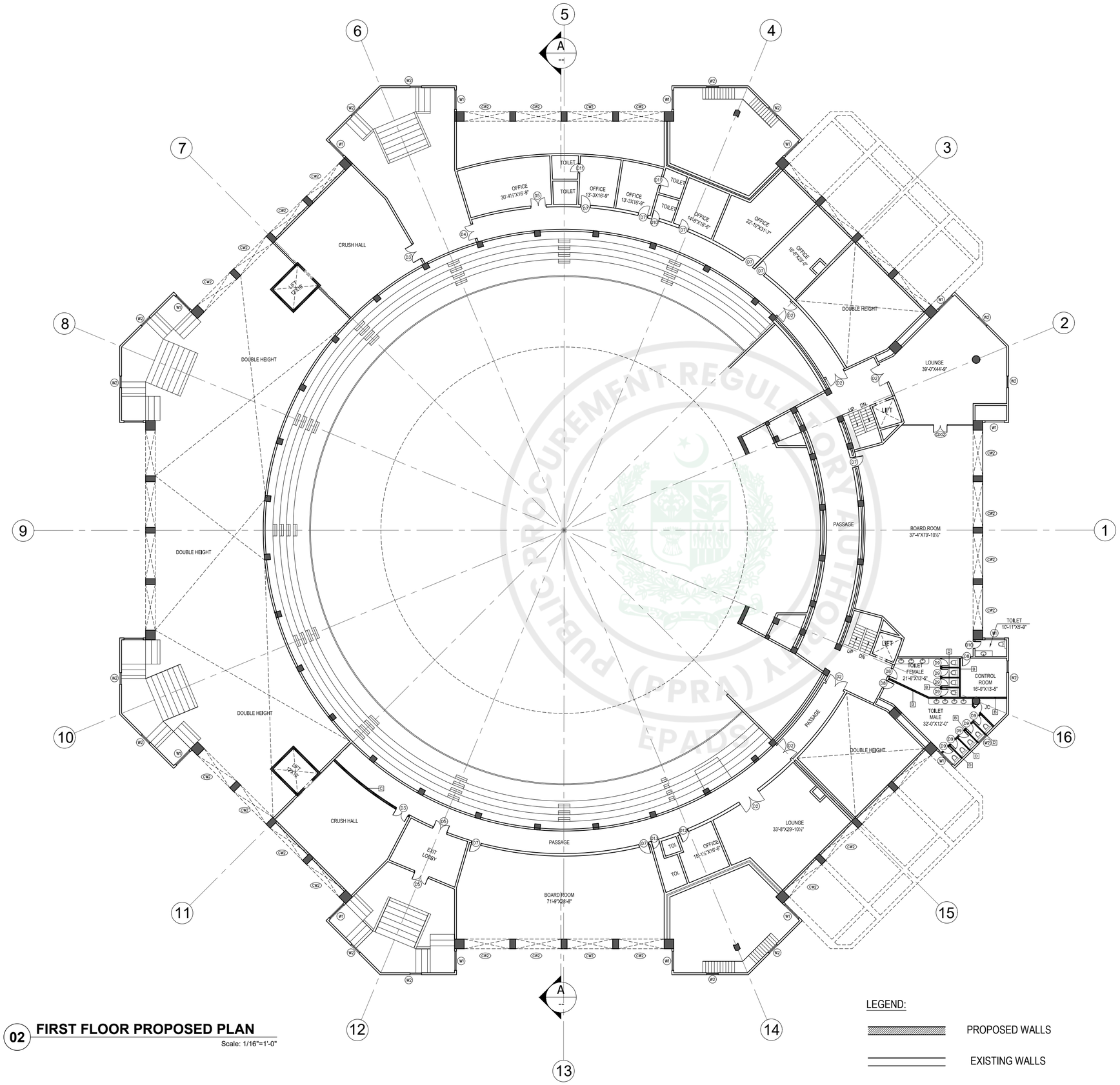
DRAWING TITLE:

GROUND FLOOR PROPOSED PLAN

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/16" = 1'-0"
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DRAWING NO. NICEEC-REB-03- A109	REVISION: 00

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02 FIRST FLOOR PROPOSED PLAN

Scale: 1/16"=1'-0"

LEGEND:

PROPOSED WALLS

EXISTING WALLS

GENERAL NOTES:

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6. H.V.A.C. PUBLIC HEALTH , ELECTRICAL AND LANDSCAPING SERVICES TO BE FINALIZED IN CONSULTATION WITH IDAP OFFICE PRIOR TO START OF CONSTRUCTION.
7. CONTRACTOR/CONSULTANT TO CONFIRM HANDICAP TOILET WITH ANSI 117.1
8. FOR ALL STRUCTURE DETAILS REFER TO STRUCTURE DRAWINGS.
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10. FOR SUMP PIT,LIFT PITS TRENCHES DETAILS AND LOCATIONS REFER MEP AND STRUCTURE.
11. RAIN WATER PIPES , ROOF SLOPES , RIDGES ARE INDICATIVE ONLY PLEASE REFER MEP DRAWINGS FOR DETAILS.
12. PLEASE VERIFY THE ROAD LEVELS WITH REFERENCE TO GRADING PLAN AS IT VARIES AT VARIOUS LOCATIONS /ENTRANCES OF THE BUILDING.

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

PROPOSED DRAWINGS

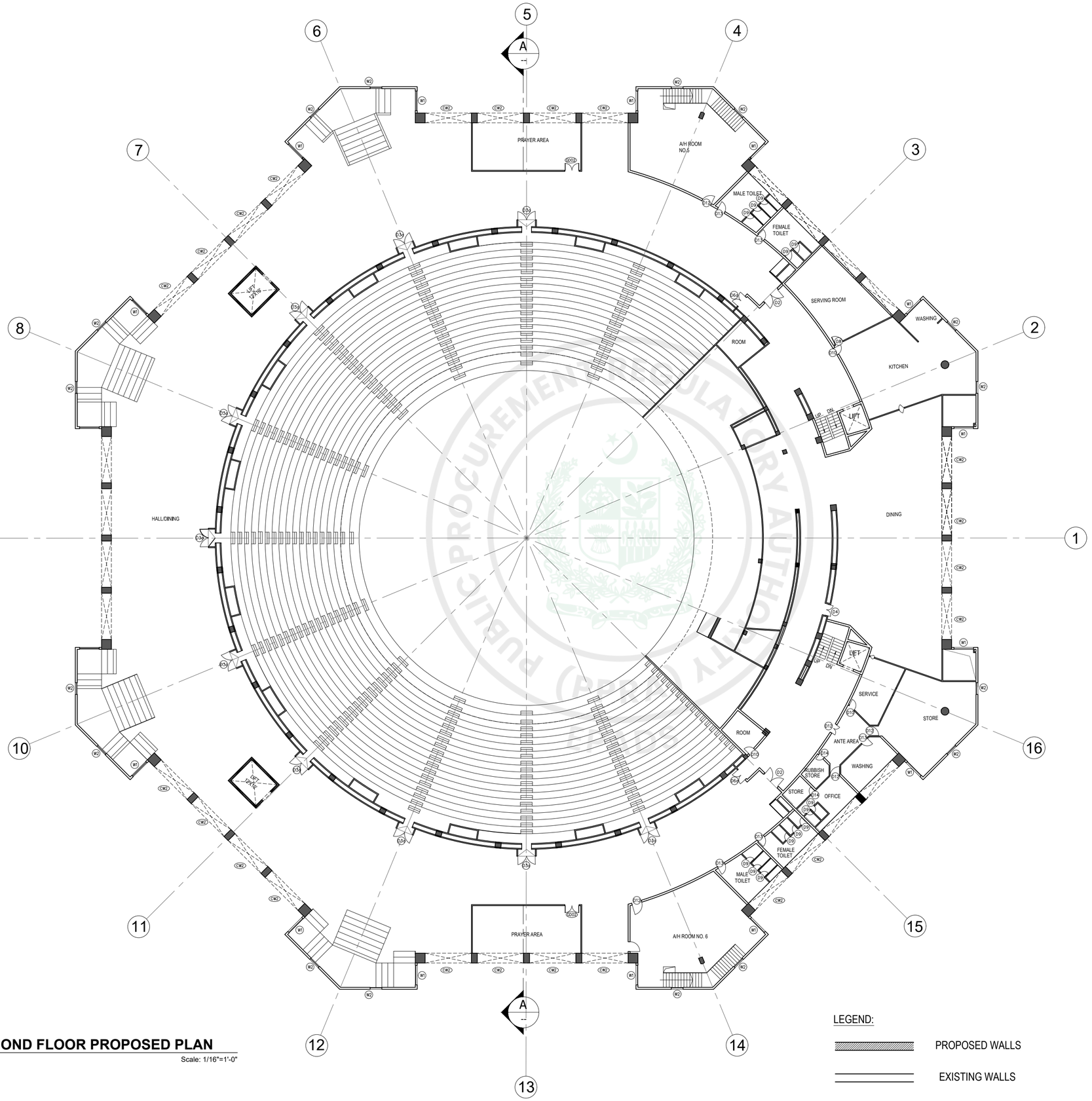
DRAWING TITLE:

FIRST FLOOR PROPOSED PLAN

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/16" = 1'-0"
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CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-03-A110	REVISION: 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY EPADS



03 **SECOND FLOOR PROPOSED PLAN**

Scale: 1/16"=1'-0"

LEGEND:

PROPOSED WALLS

EXISTING WALLS

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN FEET/INCHES, UNLESS OTHERWISE NOTED.
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PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

PROPOSED DRAWINGS

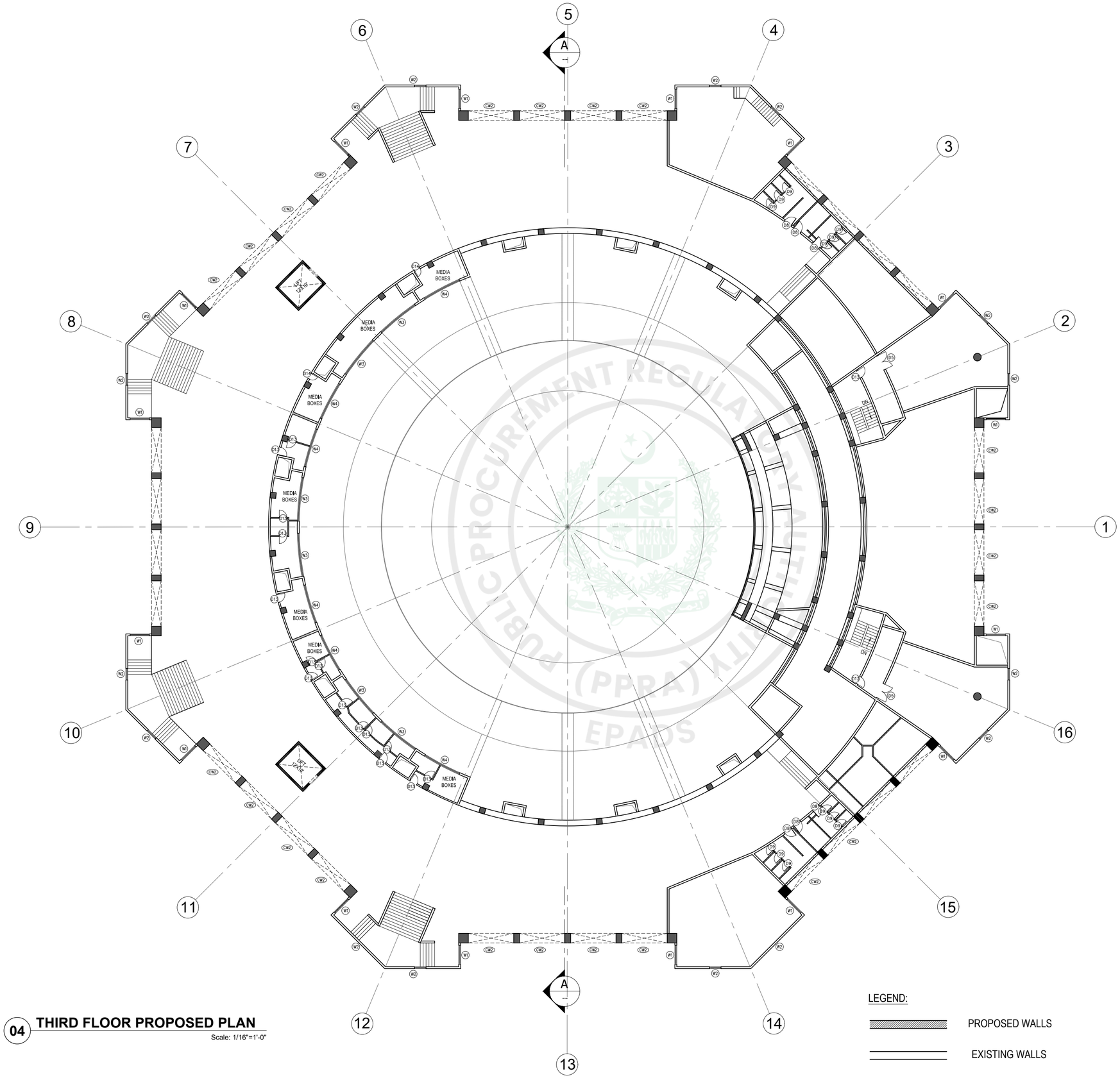
DRAWING TITLE:

SECOND FLOOR PROPOSED PLAN

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04 THIRD FLOOR PROPOSED PLAN

Scale: 1/16"=1'-0"

LEGEND:

PROPOSED WALLS

EXISTING WALLS

GENERAL NOTES:

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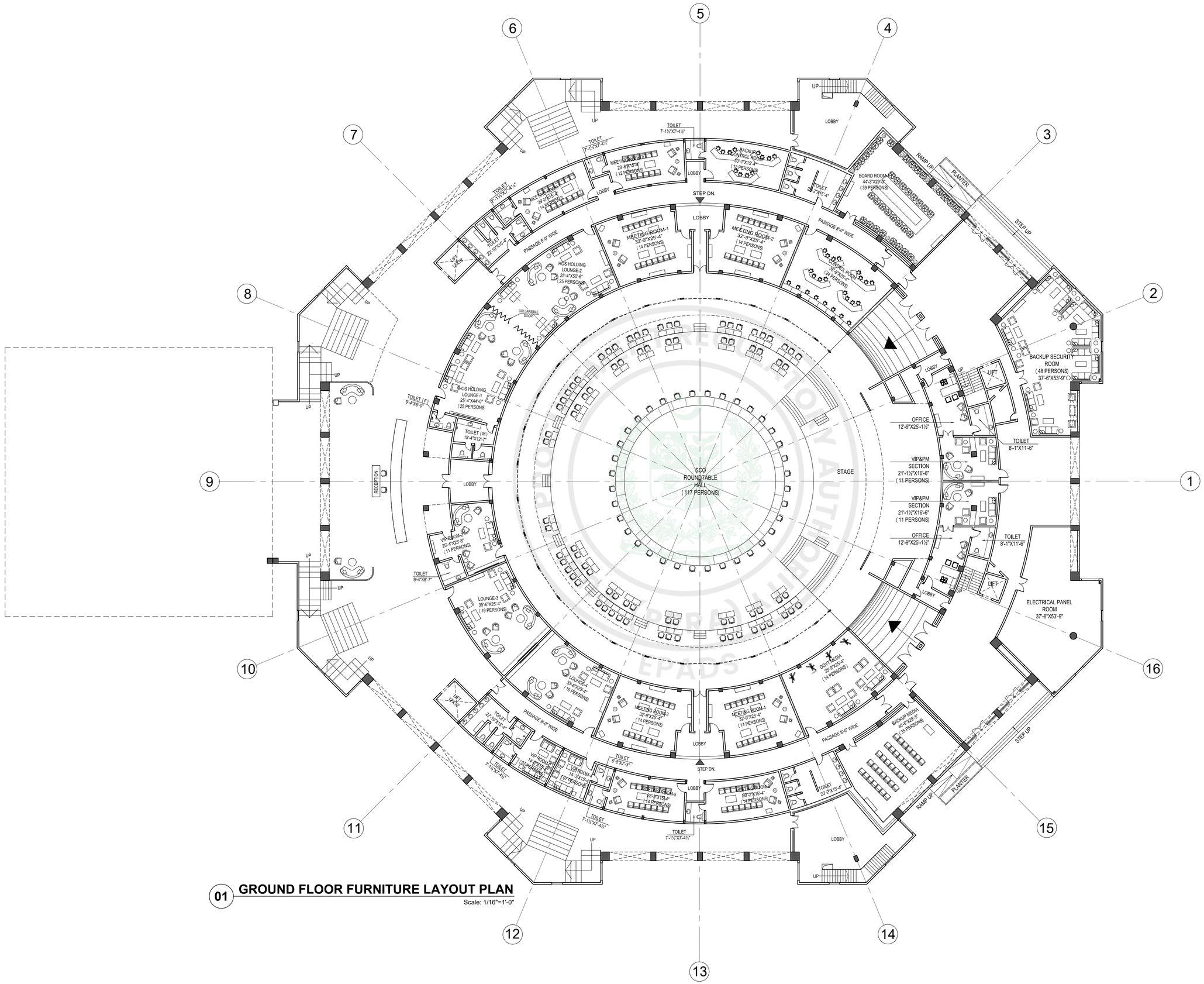
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01 **GROUND FLOOR FURNITURE LAYOUT PLAN**

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PROJECT STATUS:

PROPOSED DRAWINGS

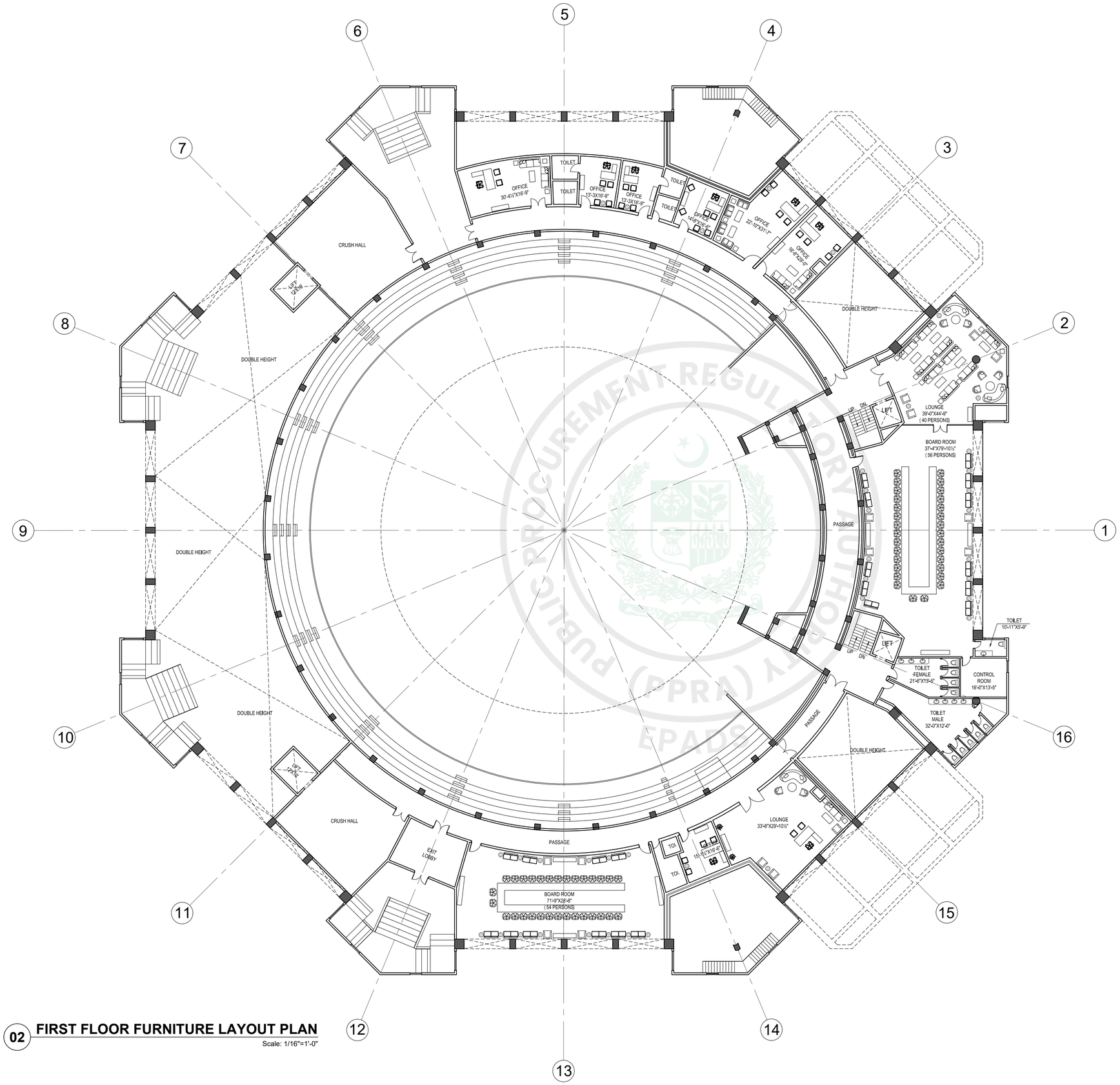
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02 **FIRST FLOOR FURNITURE LAYOUT PLAN**

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GENERAL NOTES:

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CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

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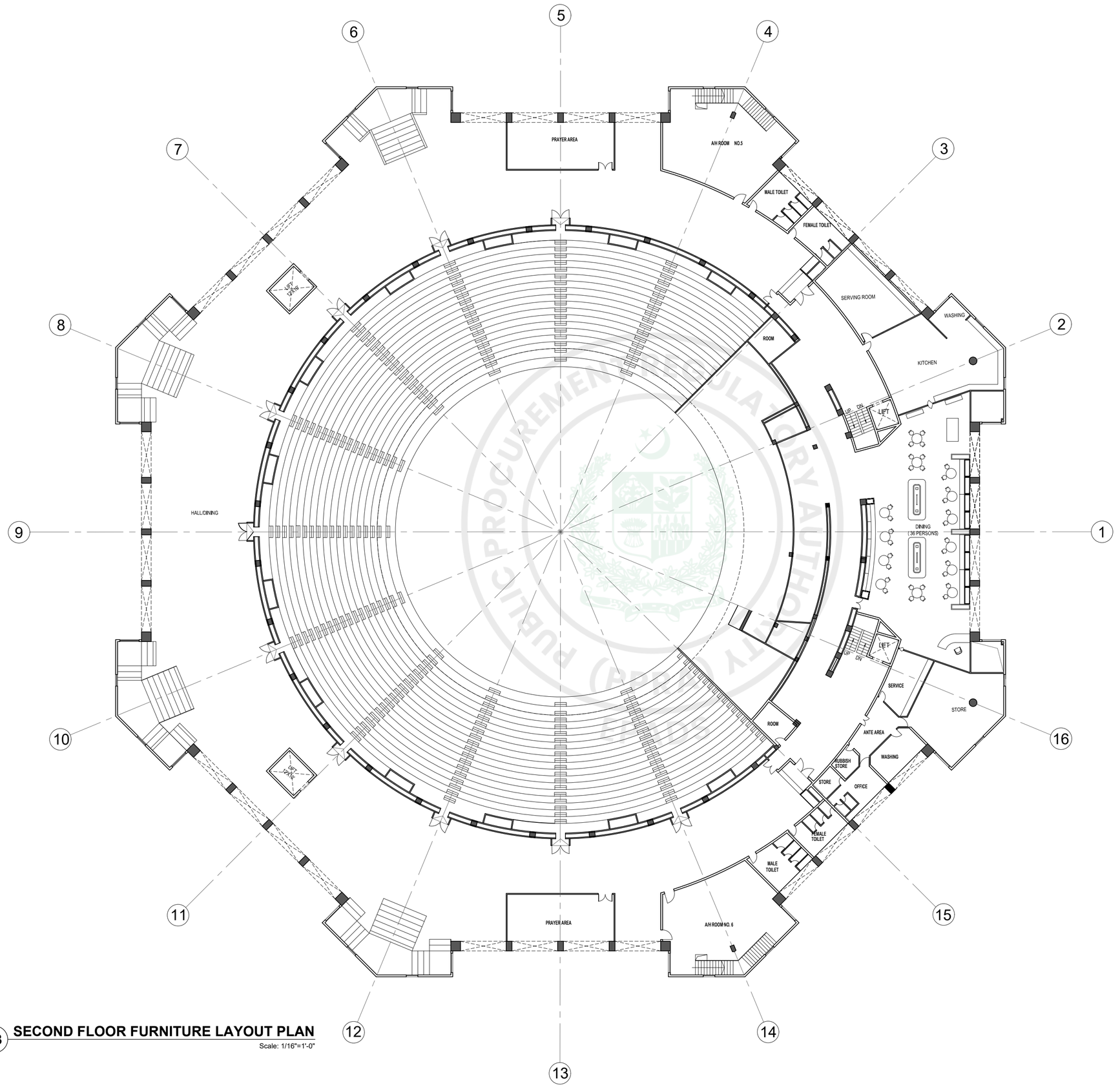
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FIRST FLOOR FURNITURE LAYOUT PLAN

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03 **SECOND FLOOR FURNITURE LAYOUT PLAN**
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CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

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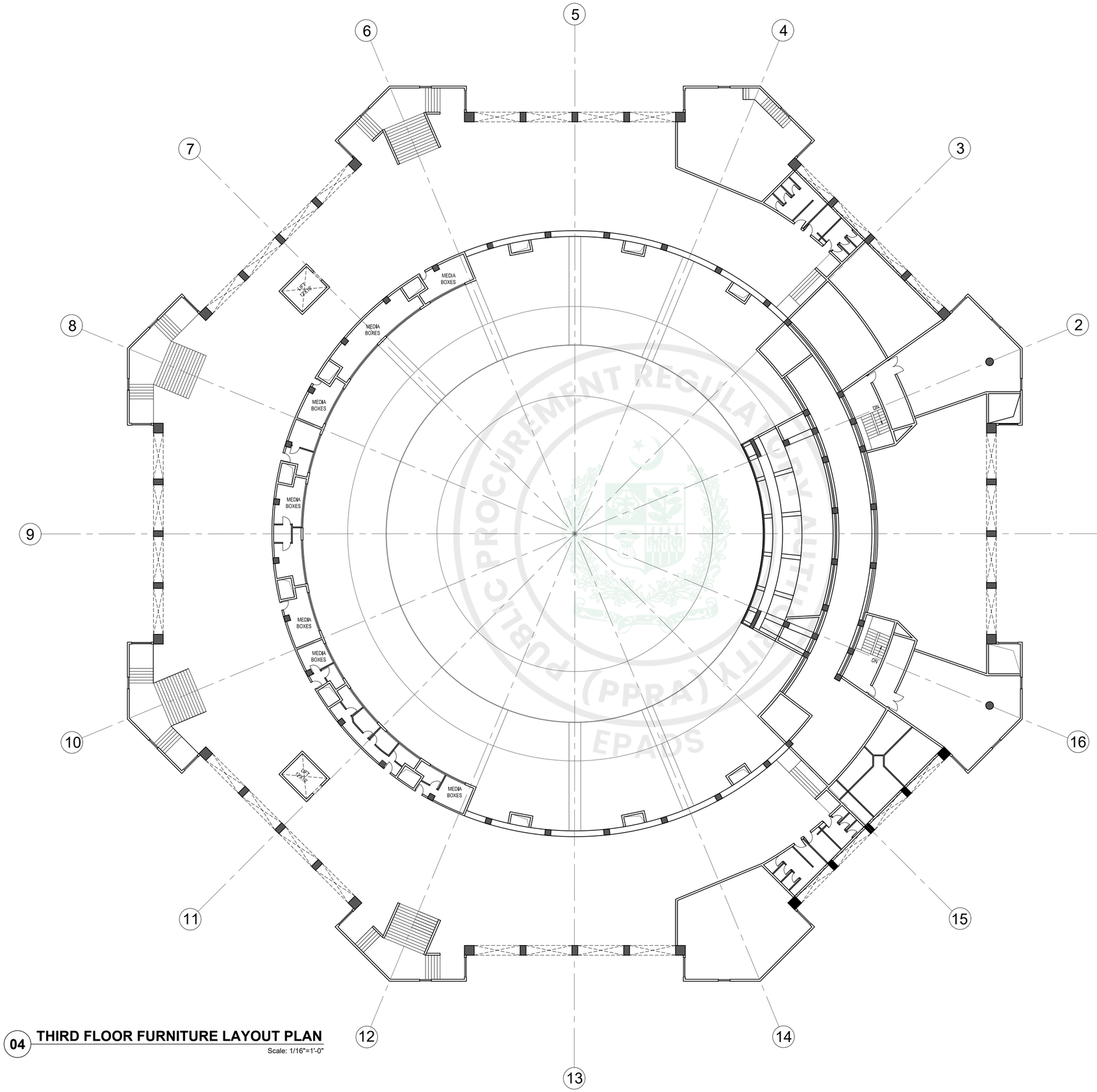
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DRAWING NO. NICEEC-REB-03-A153	REVISION: 00

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04 **THIRD FLOOR FURNITURE LAYOUT PLAN**

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PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

THIRD FLOOR FURNITURE LAYOUT PLAN

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ROOM FINISHES SCHEDULE

SR. NO	ROOM NAME	FLOOR	SKIRTING / DADO	WALL	CEILING	REMARKS
1	ENT.STEP + ENT.LOBBY + PODIUMS	GRANITE $\frac{3}{4}$" THICK	4" HIGH GRANITE SKIRTING	PLASTIC EMULSION PAINT OVER SMOOTH C.S PLASTER WITH WALL PUTTY / LAMINATED SHEET	GYPSUM BOARD SEAMLESS CEILING / MDF VENEER SHEET WITH POLISH FINISH	FEATURE WALL SEE DWG # A739 & A740 & A741
2	REAR ENT.LOBBY	GRANITE $\frac{3}{4}$" THICK	4" HIGH GRANITE SKIRTING	PLASTIC EMULSION PAINT OVER SMOOTH C.S PLASTER WITH WALL PUTTY / LAMINATED SHEET	GYPSUM BOARD SEAMLESS CEILING / MDF VENEER SHEET WITH POLISH FINISH	FEATURE WALL SEE DWG # A736 & A737 & A738
3	SCO ROUND TABLE HALL	CARPET	-	-	-	
4	STAGE	CARPET	4" WOODEN (MDF) SKIRTING	WALL PANEL , ACOUSTIC PANEL+WALNUT VENEER	UNDER GALLERIES MDF VENEER SHEET WITH POLISH FINISH	STAGE CEILING SEE DWG # A744
5	STAGE STEP	CARPET	-	-	-	
6	SITTING STEP	CARPET	-	-	-	
7	MEETING ROOMS	2'X4'-PORCELAIN TILE	4" HIGH PORCELAIN TILE	PLASTIC EMULSION PAINT OVER SMOOTH C.S PLASTER WITH WALL PUTTY / LAMINATED SHEET	GYPSUM BOARD SEAMLESS CEILING / MDF VENEER SHEET WITH POLISH FINISH	FEATURE WALL SEE DWG # A724
8	LOUNGE	2'X4'-PORCELAIN TILE	4" HIGH PORCELAIN TILE	PLASTIC EMULSION PAINT OVER SMOOTH C.S PLASTER WITH WALL PUTTY / LAMINATED SHEET	GYPSUM BOARD SEAMLESS CEILING / MDF VENEER SHEET WITH POLISH FINISH	FEATURE WALL SEE DWG # A720
9	VIP ROOMS	HDF LAMINATED FLOOR 12 mm	4" HIGH (HDF) SKIRTING	PLASTIC EMULSION PAINT OVER SMOOTH C.S PLASTER WITH WALL PUTTY / LAMINATED SHEET	GYPSUM BOARD SEAMLESS CEILING / MDF VENEER SHEET WITH POLISH FINISH	MEDIA WALL SEE DWG # A722
10	HOS HOLDING LOUNGE	2'X4'-PORCELAIN TILE	4" HIGH PORCELAIN TILE	PLASTIC EMULSION PAINT OVER SMOOTH C.S PLASTER WITH WALL PUTTY / LAMINATED SHEET	GYPSUM BOARD SEAMLESS CEILING / MDF VENEER SHEET WITH POLISH FINISH	
11	CONTROL ROOM	2'X4'-PORCELAIN TILE	4" HIGH PORCELAIN TILE	PLASTIC EMULSION PAINT OVER SMOOTH C.S PLASTER WITH WALL PUTTY	SEAMLESS GYPSUM BOARD CEILING	
12	BOARD ROOM	HDF LAMINATED FLOOR 12 mm	4" HIGH (HDF) SKIRTING	PLASTIC EMULSION PAINT OVER SMOOTH C.S PLASTER WITH WALL PUTTY / LAMINATED SHEET	GYPSUM BOARD SEAMLESS CEILING / MDF VENEER SHEET WITH POLISH FINISH	MEDIA WALL SEE DWG # A728
13	GOVT MEDIA	2'X4'-PORCELAIN TILE	4" HIGH PORCELAIN TILE	PLASTIC EMULSION PAINT OVER SMOOTH C.S PLASTER WITH WALL PUTTY	SEAMLESS GYPSUM BOARD CEILING	FEATURE WALL SEE DWG # A30 A731
14	BACKUP MEDIA	2'X4'-PORCELAIN TILE	4" HIGH PORCELAIN TILE	PLASTIC EMULSION PAINT OVER SMOOTH C.S PLASTER WITH WALL PUTTY	SEAMLESS GYPSUM BOARD CEILING	
15	VVIP&PM SECTION & OFFICE	HDF LAMINATED FLOOR 12 mm	4" HIGH (HDF) SKIRTING	PLASTIC EMULSION PAINT OVER SMOOTH C.S PLASTER WITH WALL PUTTY / LAMINATED SHEET	GYPSUM BOARD SEAMLESS CEILING / MDF VENEER SHEET WITH POLISH FINISH	FEATURE WALL SEE DWG # A725
16	BACKUP SECURITY ROOM	2'X4'-PORCELAIN TILE	4" HIGH PORCELAIN TILE	PLASTIC EMULSION PAINT OVER SMOOTH C.S PLASTER WITH WALL PUTTY	SEAMLESS GYPSUM BOARD CEILING	FEATURE WALL SEE DWG # A733 & A734
17	OFFICES	2'X4'-PORCELAIN TILE	4" HIGH PORCELAIN TILE	PLASTIC EMULSION PAINT OVER SMOOTH C.S PLASTER WITH WALL PUTTY	SEAMLESS GYPSUM BOARD CEILING	
18	COMMITTEE ROOM	HDF LAMINATED FLOOR 12 mm	4" HIGH (HDF) SKIRTING	PLASTIC EMULSION PAINT OVER SMOOTH C.S PLASTER WITH WALL PUTTY / LAMINATED SHEET	GYPSUM BOARD SEAMLESS CEILING / MDF VENEER SHEET WITH POLISH FINISH	
19	TOILET (VIP & MEETING ROOM)	2'X4'-PORCELAIN TILE	-	2'X4' PORCELAIN TILES UPTO CEILING	NON PERFORATED ALUMINUM CLIP IN 2'X2' CEILING TILE WITH APPROVED SUSPENSION SYSTEM	
20	TOILETS	2'X4'-PORCELAIN TILE	-	2'X4' PORCELAIN TILE UP TO CEILING	NON PERFORATED ALUMINUM CLIP IN 2'X2' CEILING TILE WITH APPROVED SUSPENSION SYSTEM	
21	STAIRCASE	GRANITE	2'X4' PORCELAIN TILES 4'-0" HEIGHT	PLASTIC EMULSION PAINT ON CS PLASTER	-	
22	CORRIDORS	GRANITE $\frac{3}{4}$" THICK	4" HIGH GRANITE SKIRTING	PLASTIC EMULSION PAINT OVER SMOOTH C.S PLASTER WITH WALL PUTTY	SEAMLESS GYPSUM BOARD CEILING	
23	CRUSH HALL	GRANITE $\frac{3}{4}$" THICK	4" HIGH GRANITE SKIRTING	PLASTIC EMULSION PAINT OVER SMOOTH C.S PLASTER WITH WALL PUTTY / LAMINATED SHEET	GYPSUM BOARD SEAMLESS CEILING / MDF VENEER SHEET WITH POLISH FINISH	
24	HALL / DINING	2'X4'-PORCELAIN TILE	4" HIGH PORCELAIN TILE	PLASTIC EMULSION PAINT OVER SMOOTH C.S PLASTER WITH WALL PUTTY / LAMINATED SHEET	GYPSUM BOARD SEAMLESS CEILING / MDF VENEER SHEET WITH POLISH FINISH	
25	STORES	2'X2'-PORCELAIN TILE	4" HIGH PORCELAIN TILE	PLASTIC EMULSION PAINT OVER SMOOTH C.S PLASTER	2'X2' GYPSUM BOARD CEILING	
26	KITCHEN / SERVING ROOM / WASHING	2'X2'-PORCELAIN TILE	4" HIGH PORCELAIN TILE	2'X2'-PORCELAIN TILE UPTO CEILING	2'X2' GYPSUM BOARD CEILING	
27	PRAYER ROOM	2'X2'-PORCELAIN TILE	4" HIGH PORCELAIN TILE	PLASTIC EMULSION PAINT OVER SMOOTH C.S PLASTER	2'X2' GYPSUM BOARD CEILING	
28	MEDIA BOXES	2'X4'-PORCELAIN TILE	4" HIGH PORCELAIN TILE	PLASTIC EMULSION PAINT OVER SMOOTH C.S PLASTER WITH WALL PUTTY	SEAMLESS GYPSUM BOARD CEILING	
29	LIFT	-	-	¾" TH.GRANITE ON OUTER WALLS UPTO CEILING	-	
30	ROOF					

NOTE: - THRESHOLD IN $\frac{3}{4}$" TH. GRANITE FOR ALL AREAS (AS PER APPROVED COLOR)

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12. PLEASE VERIFY THE ROAD LEVELS WITH REFERENCE TO GRADING PLAN AS IT VARIES AT VARIOUS LOCATIONS /ENTRANCES OF THE BUILDING.

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

PROPOSED DRAWINGS

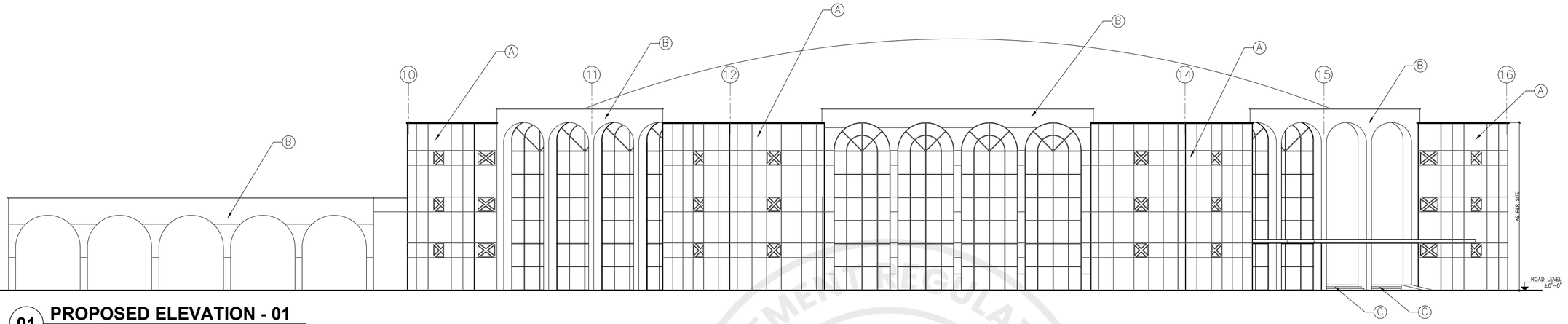
DRAWING TITLE:

ROOM FINISHES SCHEDULE

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-03-A161	REVISION: 00

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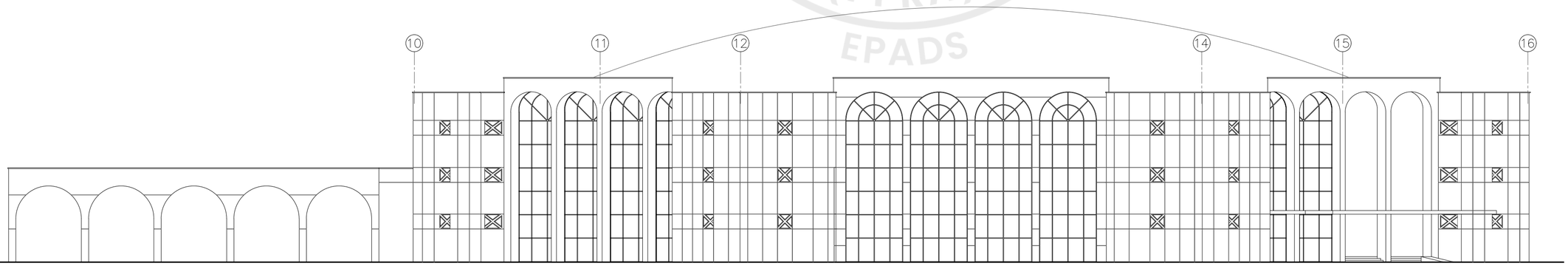


01 **PROPOSED ELEVATION - 01**

Scale: 1/16"=1'-0"

LEGEND

A – TILES/ DYSTONE
(AS PER APPROVED COLOR)
B – WASHED TERRAZZO
(AS PER APPROVED COLOR)
C – GRANITE ON STEPS



01 **EXISTING ELEVATION - 01**

Scale: 1/16"=1'-0"

GENERAL NOTES:

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PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

PROPOSED DRAWINGS

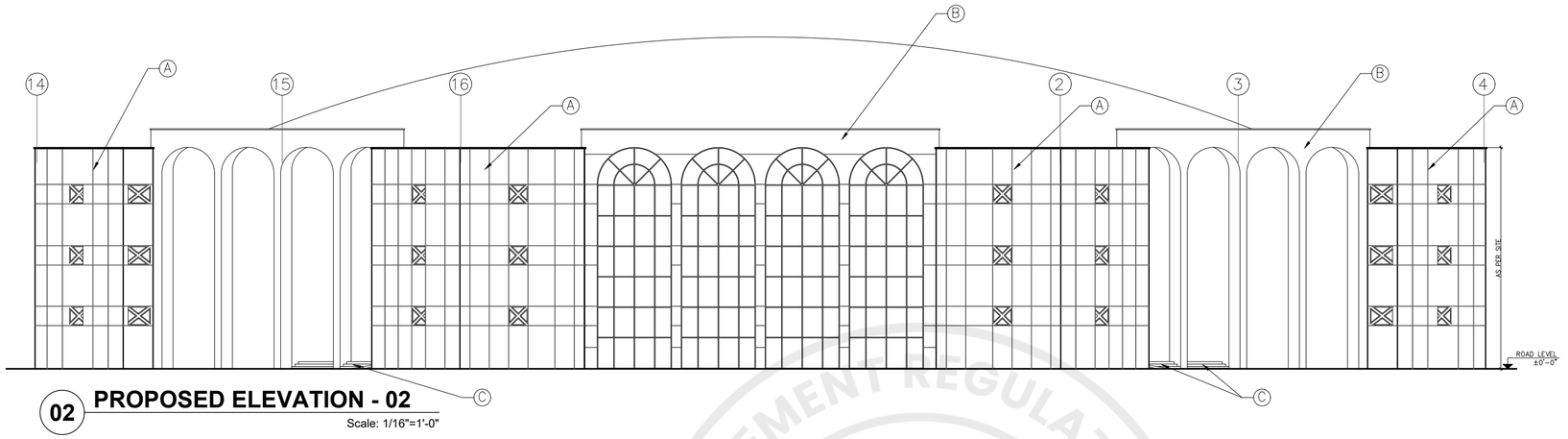
DRAWING TITLE:

PROPOSED AND EXISTING ELEVATIONS - 01

REV.	DATE	DESCRIPTION

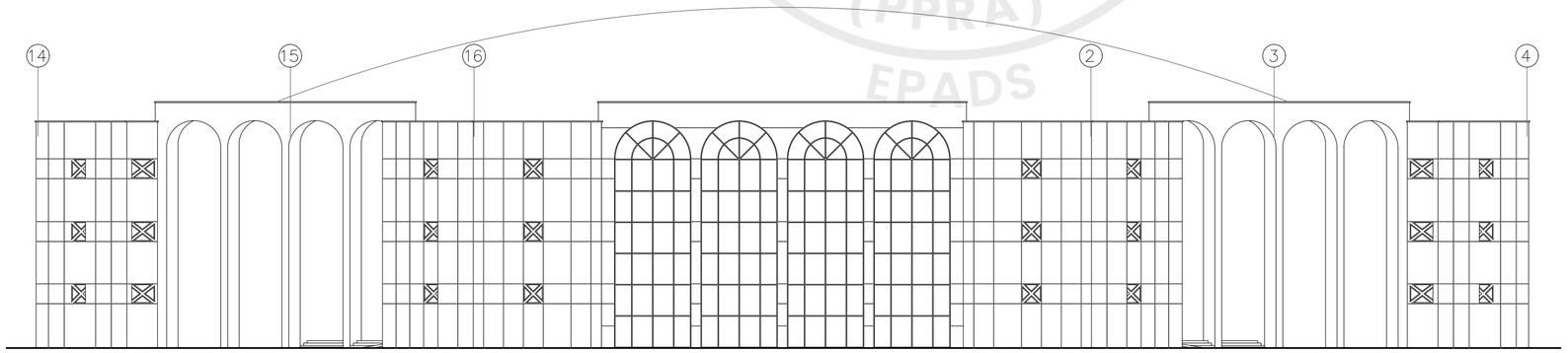
DATE: OCTOBER, 2026	SCALE: 1/16" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-03-A201	REVISION: 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



02 PROPOSED ELEVATION - 02

Scale: 1/16"=1'-0"



02 EXISTING ELEVATION - 02

Scale: 1/16"=1'-0"

GENERAL NOTES:

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LEGEND

A – TILES/ DYSTONE
(AS PER APPROVED COLOR)
B – WASHED TERRAZZO
(AS PER APPROVED COLOR)
C – GRANITE ON STEPS

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

PROPOSED DRAWINGS

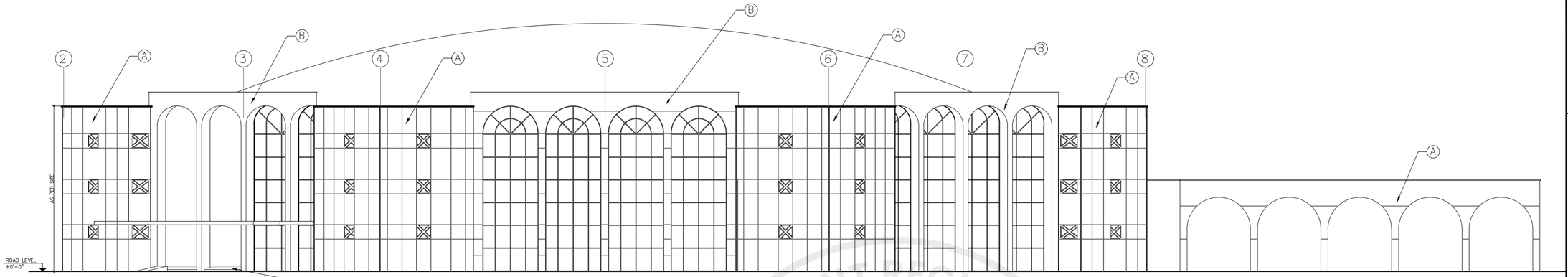
DRAWING TITLE:

PROPOSED AND EXISTING ELEVATIONS - 02

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/16" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-03-A202	REVISION: 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

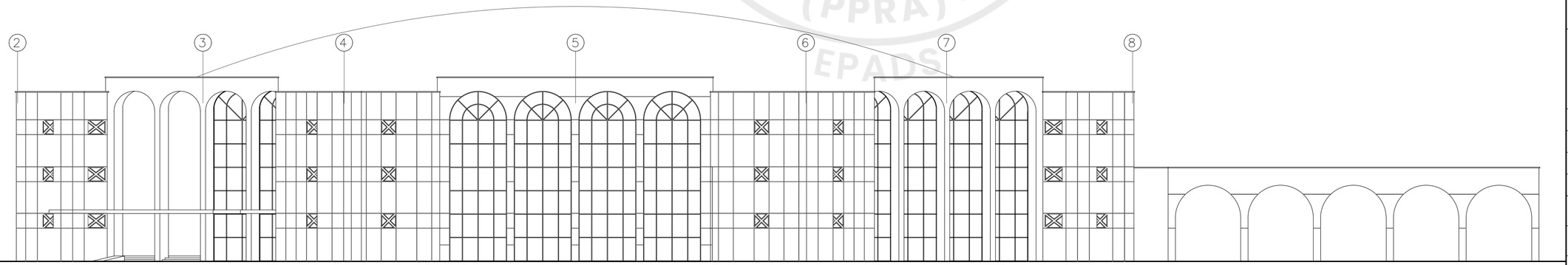


03 PROPOSED ELEVATION - 03

Scale: 1/16"=1'-0"

LEGEND

A – TILES/ DYSTONE
(AS PER APPROVED COLOR)
B – WASHED TERRAZZO
(AS PER APPROVED COLOR)
C – GRANITE ON STEPS



03 EXISTING ELEVATION - 03

Scale: 1/16"=1'-0"

GENERAL NOTES:

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PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

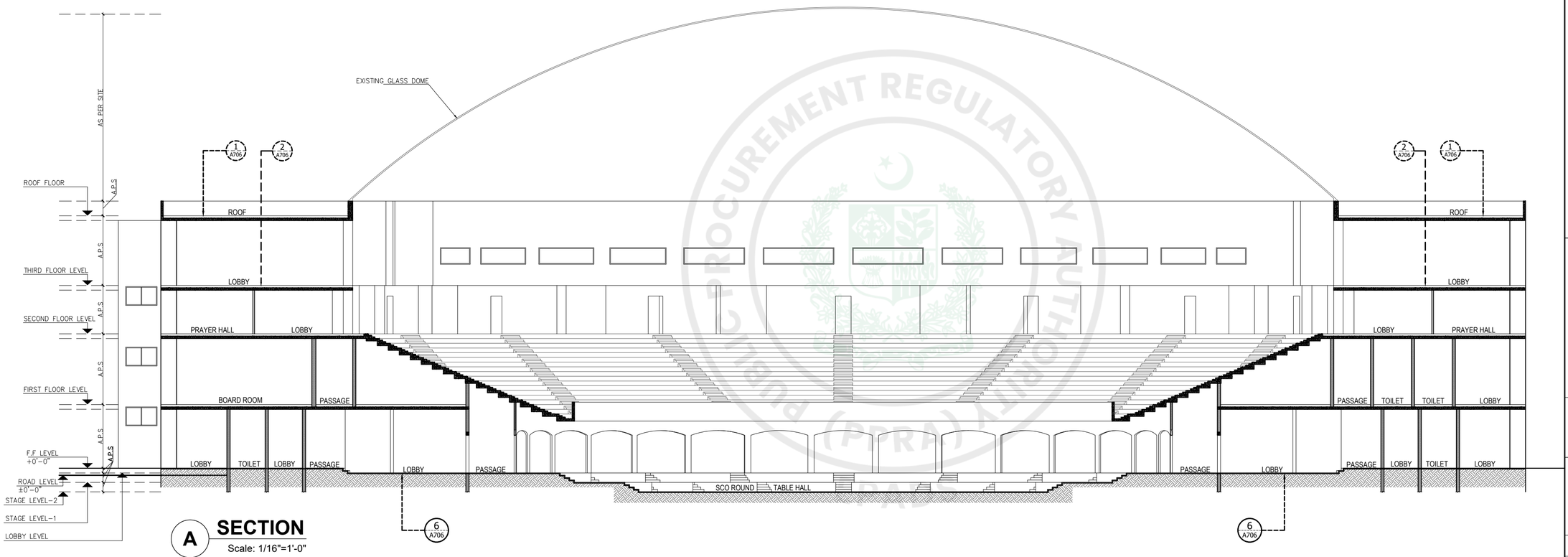
PROPOSED AND EXISTING ELEVATIONS - 03

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/16" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:

DRAWING NO.	REVISION:
NICEEC-REB-03-A203	00

PROCUREMENT REGULATORY AUTHORITY (PPRA) PUBLIC EPADS



A **SECTION**
Scale: 1/16"=1'-0"

GENERAL NOTES:

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PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

SECTION A

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/16" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-03-A301	REVISION: 00

PROCUREMENT REGULATORY AUTHORITY PAKISTAN (PPRA)

DOOR WINDOW SCHEDULE

TYPE	WIDE	HIGH	SILL	DESCRIPTION
GD01	6'-0"	9'-0"	1/4"	GLASS DOOR WITH ALUMINIUM FRAME
GD02	5'-0"	9'-0"	1/4"	GLASS DOOR WITH ALUMINIUM FRAME
D1	8'-0"	9'-0"	1/4"	SOLID WOODEN DOOR
D2	6'-4"	9'-0"	1/4"	WOODEN DOOR WITH VISION PANEL
D3	6'-0"	9'-0"	1/4"	WOODEN DOOR WITH VISION PANEL
D3a	6'-0"	9'-0"	1/4"	SOLID WOODEN DOOR
D4	5'-0"	9'-0"	1/4"	WOODEN DOOR WITH VISION PANEL
D5	5'-4"	9'-0"	1/4"	WOODEN DOOR WITH VISION PANEL
D5a	5'-0"	9'-0"	1/4"	SOLID WOODEN DOOR
D6	4'-3"	8'-0"	1/4"	WOODEN PANELED DOOR
D6a	4'-1"	8'-0"	1/4"	WOODEN PANELED DOOR
D7	3'-6"	8'-0"	1/4"	WOODEN PANELED DOOR
D8	3'-0"	8'-0"	1/4"	WOODEN PANELED DOOR
D9	2'-6"	8'-0"	1/4"	UPVC DOOR
D10	2'-6"	8'-0"	1/4"	WOODEN PANELED DOOR
D11	3'-2"	8'-0"	1/4"	WOODEN PANELED DOOR
D12	3'-4"	8'-0"	1/4"	WOODEN PANELED DOOR
D13	2'-8"	8'-0"	1/4"	WOODEN PANELED DOOR
D14	2'-0"	8'-0"	1/4"	WOODEN PANELED DOOR
D15	25'-4"	8'-0"	1/4"	COLLAPSIBLE WOODEN PANELED DOOR
FD	5'-0"	9'-0"	1/4"	HOLLOW METAL DOOR (FIRE RATED)
D16	6'-4"	8'-0"	1/4"	WOODEN DOOR WITH VISION PANEL
W1	6'-8"	4'-0"	9'-0"	ALUMINUM GLASS WINDOW (DOUBLE GLAZED) 6mm (tinted)+12mm+6mm (BOTH TEMPERED)
W2	4'-0"	4'-0"	9'-0"	
W3	15'-0"	3'-6"	4'-6"	
W4	13'-6"	3'-6"	4'-6"	// // // //
CW1	33'-9"	10'-6"	0'-0"	ALUMINUM GLASS CURTAIN WALL (DOUBLE GLAZED) 6mm (tinted)+12mm+6mm (BOTH TEMPERED)
CW2	15'-9½"	46'-1"	0'-0"	

NOTE:

1. ALL WINDOWS SHALL HAVE MARBLE SILLS.
2. ALL OPENABLE/SLIDING WINDOWS SHALL HAVE FLY PROOF MESH.
3. ALL OPENABLE/SLIDING WINDOWS SHALL HAVE M.S GRILL.
4. ALL DOUBLE GLAZING CURTAIN WALL SYSTEM SHOULD BE CONSIDERED THIS MAXIMUM U-VALUE = 0.62 BTU/HR.FT2.
5. PROVIDING AND FIXING ALUMINUM GLASS CURTAIN WALL (DOUBLE GLAZED) WHICH CONSIST OF (6MM GLASS +12MM FILL WITH ARGON GAS + 6 MM GLASS WITH 100 MICRON SHATTER PROOF FILM INSIDE) ALL GLASS SHOULD BE TEMPERED FOR ALL HEIGHTS & ALL LEVELS ETC, THE ITEM INCLUDES COST OF SHOP DRAWINGS AND STRUCTURE SHALL BE DESIGN FOR TEMPERATURE LOADS, WIND LOADS AND INTER STORY DRIFT AS PER BCP –2021.
6. ALL EXTERIOR WINDOWS OPENABLE / SLIDING FIXED TO BE DOUBLE GLAZED.
7. FOR UPVC DOORS ALL ACCESSORIES AS PER VENDOR/MANUFACTURER.
8. ALL BATH / TOILET WINDOWS SHALL HAVE FROSTING.
9. ALL DOORS HAVE M.S FRAME (16SWG)

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PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

PROPOSED DRAWINGS

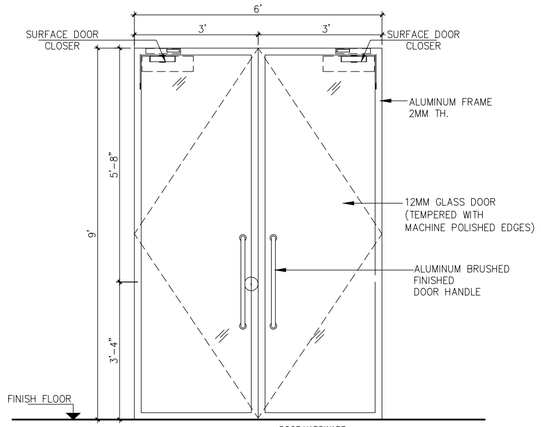
DRAWING TITLE:

DOOR & WINDOW SCHEDULE

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: N.T.S
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-03-A551	REVISION: 00

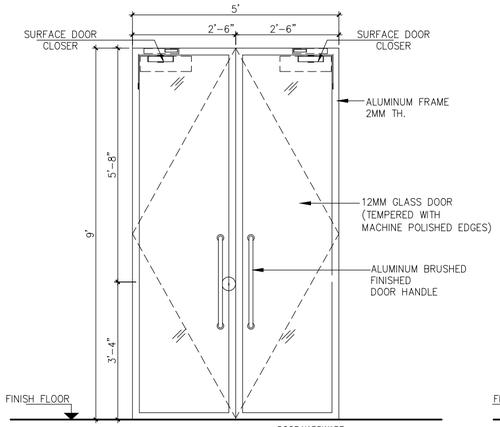
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GD01 ELEVATION

SCALE: 3/8"=1'-0"

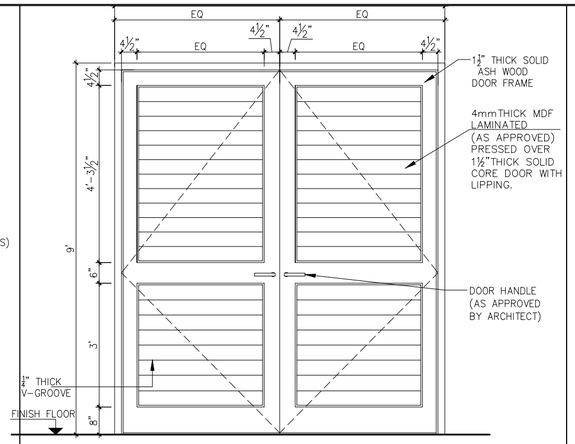
DOOR HARDWARE
2 PULL HANDLES SET
1 MORTISE LOCK CASE WITH THUMB TURN CYLINDER
2 DOOR STOP
6 BARREL BEARING HINGES
2 FLUSH BOLTS
2 OVERHEAD DOOR CLOSER



GD02 ELEVATION

SCALE: 3/8"=1'-0"

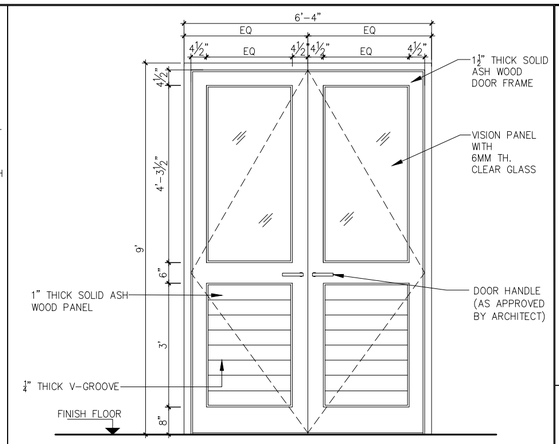
DOOR HARDWARE
2 PULL HANDLES SET
1 MORTISE LOCK CASE WITH THUMB TURN CYLINDER
2 DOOR STOP
6 BARREL BEARING HINGES
2 FLUSH BOLTS
2 OVERHEAD DOOR CLOSER



D-1 ELEVATION

SCALE: 3/8"=1'-0"

DOOR HARDWARE
8 BALL BEARING HINGES
1 MORTISE LEVER LOCK CASE FULL LEAF WIDTH BACK PLATE
1 DOOR STOP
2 OVERHEAD DOOR CLOSER
1 DOOR CLOSER



D-2 ELEVATION

SCALE: 3/8"=1'-0"

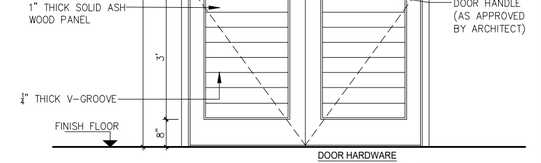
DOOR HARDWARE
2 PULL HANDLES SET
1 MORTISE LOCK CASE WITH THUMB TURN CYLINDER
2 DOOR STOP
6 BARREL BEARING HINGES
2 FLUSH BOLTS
2 OVERHEAD DOOR CLOSER

GD01 ALUMINUM GLASS DOOR

GD02 ALUMINUM GLASS DOOR

D1 SOLID WOODEN DOOR

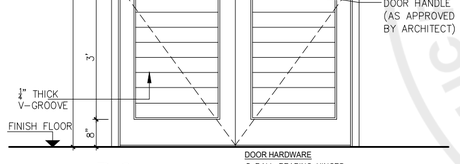
D2 WOODEN DOOR WITH VISION PANEL



D-3 ELEVATION

SCALE: 3/8"=1'-0"

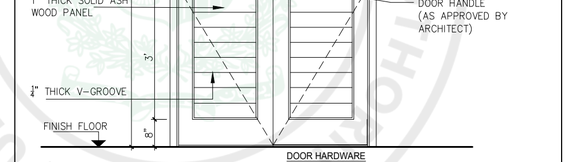
DOOR HARDWARE
2 PULL HANDLES SET
1 MORTISE LOCK CASE WITH THUMB TURN CYLINDER
2 DOOR STOP
6 BARREL BEARING HINGES
2 FLUSH BOLTS
2 OVERHEAD DOOR CLOSER



D-3a ELEVATION

SCALE: 3/8"=1'-0"

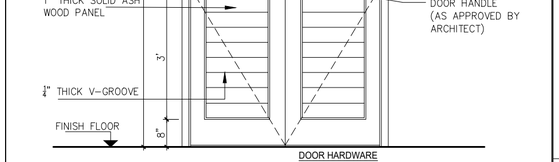
DOOR HARDWARE
8 BALL BEARING HINGES
1 MORTISE LEVER LOCK CASE FULL LEAF WIDTH BACK PLATE
1 DOOR STOP
2 OVERHEAD DOOR CLOSER
1 FULL LEAF WIDTH KICK PLATE 8" HIGH
2 DOOR CLOSER



D-4 ELEVATION

SCALE: 3/8"=1'-0"

DOOR HARDWARE
2 PULL HANDLES SET
1 MORTISE LOCK CASE WITH THUMB TURN CYLINDER
2 DOOR STOP
6 BARREL BEARING HINGES
2 FLUSH BOLTS
2 OVERHEAD DOOR CLOSER



D-5 ELEVATION

SCALE: 3/8"=1'-0"

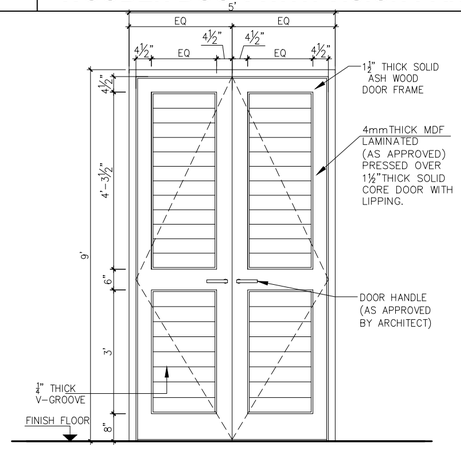
DOOR HARDWARE
2 PULL HANDLES SET
1 MORTISE LOCK CASE WITH THUMB TURN CYLINDER
2 DOOR STOP
6 BARREL BEARING HINGES
2 FLUSH BOLTS
2 OVERHEAD DOOR CLOSER

D3 WOODEN DOOR WITH VISION PANEL

D3a SOLID WOODEN DOOR

D4 WOODEN DOOR WITH VISION PANEL

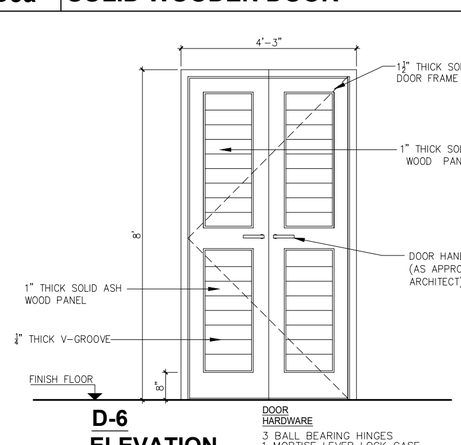
D5 WOODEN DOOR WITH VISION PANEL



D-5a ELEVATION

SCALE: 3/8"=1'-0"

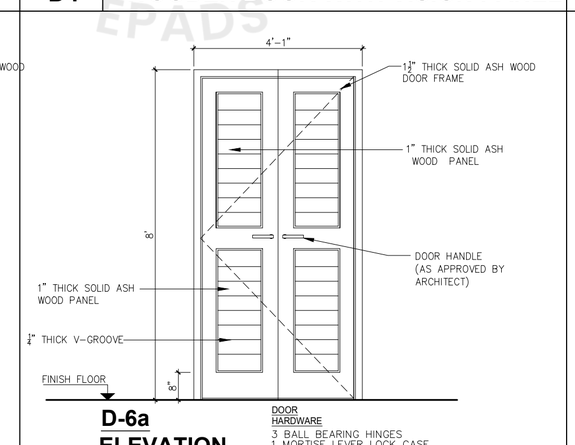
DOOR HARDWARE
8 BALL BEARING HINGES
1 MORTISE LEVER LOCK CASE FULL LEAF WIDTH BACK PLATE
1 DOOR STOP
2 OVERHEAD DOOR CLOSER
1 FULL LEAF WIDTH KICK PLATE 8" HIGH
2 DOOR CLOSER



D-6 ELEVATION

SCALE: 3/8"=1'-0"

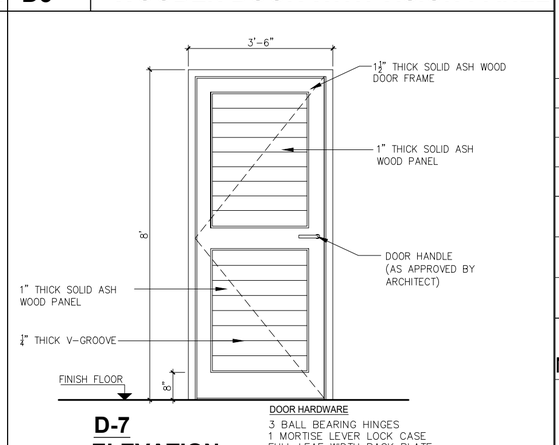
DOOR HARDWARE
3 BALL BEARING HINGES
1 MORTISE LEVER LOCK CASE FULL LEAF WIDTH BACK PLATE
1 DOOR STOP
2 LEVER HANDLE WITH FULL LEAF WIDTH BACK PLATE
1 OVERHEAD DOOR CLOSER



D-6a ELEVATION

SCALE: 3/8"=1'-0"

DOOR HARDWARE
3 BALL BEARING HINGES
1 MORTISE LEVER LOCK CASE FULL LEAF WIDTH BACK PLATE
1 DOOR STOP
2 LEVER HANDLE WITH FULL LEAF WIDTH BACK PLATE
1 OVERHEAD DOOR CLOSER



D-7 ELEVATION

SCALE: 3/8"=1'-0"

DOOR HARDWARE
3 BALL BEARING HINGES
1 MORTISE LEVER LOCK CASE FULL LEAF WIDTH BACK PLATE
1 DOOR STOP
1 OVERHEAD DOOR CLOSER

D5a SOLID WOODEN DOOR

D6 WOODEN DOOR

D6a WOODEN DOOR

D7 WOODEN DOOR

GENERAL NOTES:

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3. FOR ANY FURTHER DETAIL /CLARIFICATION ON THE DRAWING PLEASE CONTACT THE PROJECT ARCHITECT.
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7. CONTRACTOR/CONSULTANT TO CONFIRM HANDICAP TOILET WITH ANSI 117.1
8. FOR ALL STRUCTURE DETAILS REFER TO STRUCTURE DRAWINGS.
9. FOR TYPICAL DETAILS SECTION, USE REFERRED DETAILS.
10. FOR SUMP PIT,LIFT PITS TRENCHES DETAILS AND LOCATIONS REFER MEP AND STRUCTURE.
11. RAIN WATER PIPES , ROOF SLOPES , RIDGES ARE INDICATIVE ONLY PLEASE REFER MEP DRAWINGS FOR DETAILS.
12. PLEASE VERIFY THE ROAD LEVELS WITH REFERENCE TO GRADING PLAN AS IT VARIES AT VARIOUS LOCATIONS /ENTRANCES OF THE BUILDING.

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

PROPOSED DRAWINGS

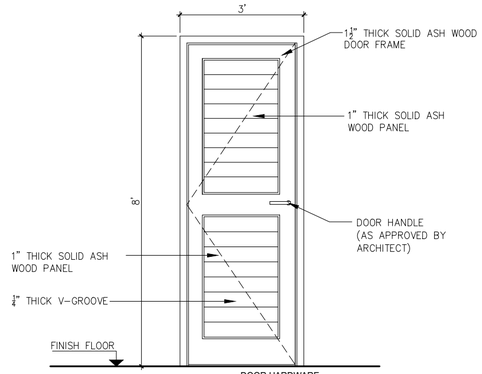
DRAWING TITLE:

DOORS DETAILS - I

REV.	DATE	DESCRIPTION

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CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-03-A561	REVISION: 00

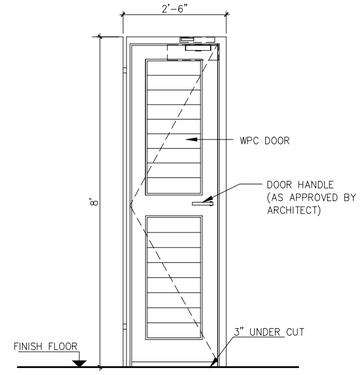
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D-8 ELEVATION
SCALE: 3/8"=1'-0"

DOOR HARDWARE
3 BALL BEARING HINGES
1 MORTISE LEVER LOCK CASE
FULL LEAF WIDTH BACK PLATE
1 DOOR STOP
1 OVERHEAD DOOR CLOSER

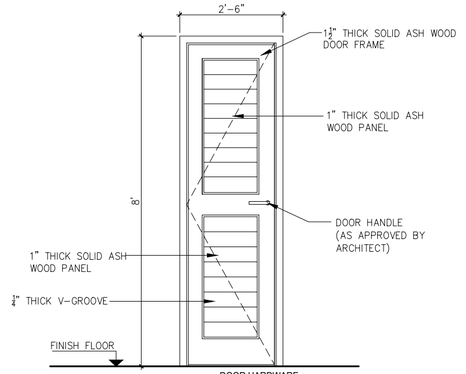
D8 WOODEN DOOR



D-9 ELEVATION
SCALE: 3/8"=1'-0"

DOOR HARDWARE
3 BUTT HINGES
2 PULL HANDLE
1 OVERHEAD DOOR CLOSER
1 DOOR STOP
1 GRAB BAR
1 DISABLED DOOR LOCK

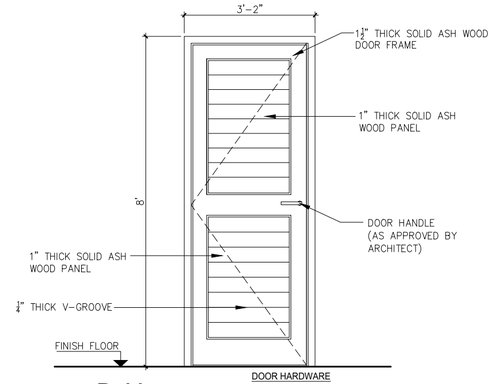
D9 UPVC DOOR



D-10 ELEVATION
SCALE: 3/8"=1'-0"

DOOR HARDWARE
3 BALL BEARING HINGES
1 MORTISE LEVER LOCK CASE
FULL LEAF WIDTH BACK PLATE
1 DOOR STOP
1 OVERHEAD DOOR CLOSER

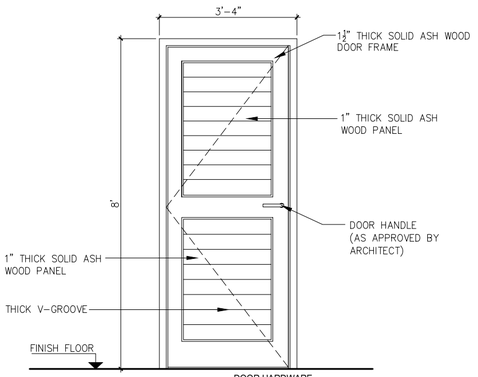
D10 WOODEN DOOR



D-11 ELEVATION
SCALE: 3/8"=1'-0"

DOOR HARDWARE
3 BALL BEARING HINGES
1 MORTISE LEVER LOCK CASE
FULL LEAF WIDTH BACK PLATE
1 DOOR STOP
1 OVERHEAD DOOR CLOSER

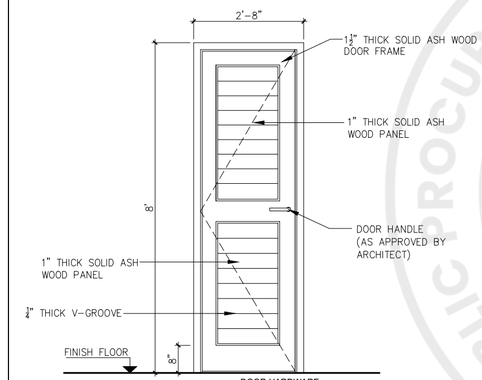
D11 WOODEN DOOR



D-12 ELEVATION
SCALE: 3/8"=1'-0"

DOOR HARDWARE
3 BALL BEARING HINGES
1 MORTISE LEVER LOCK CASE
FULL LEAF WIDTH BACK PLATE
1 DOOR STOP
1 OVERHEAD DOOR CLOSER

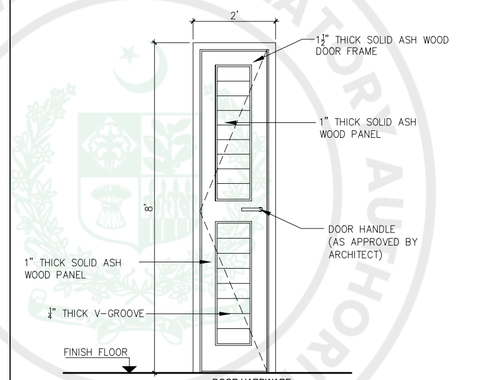
D12 WOODEN DOOR



D-13 ELEVATION
SCALE: 3/8"=1'-0"

DOOR HARDWARE
3 BALL BEARING HINGES
1 MORTISE LEVER LOCK CASE
FULL LEAF WIDTH BACK PLATE
1 DOOR STOP
1 OVERHEAD DOOR CLOSER

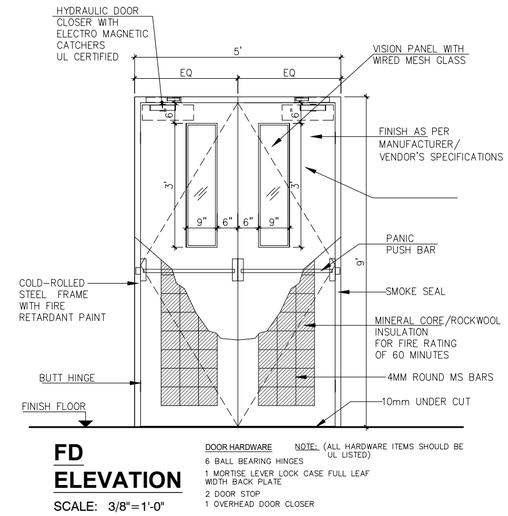
D13 WOODEN DOOR



D-14 ELEVATION
SCALE: 3/8"=1'-0"

DOOR HARDWARE
3 BALL BEARING HINGES
1 MORTISE LEVER LOCK CASE
FULL LEAF WIDTH BACK PLATE
1 DOOR STOP
1 OVERHEAD DOOR CLOSER

D14 WOODEN DOOR

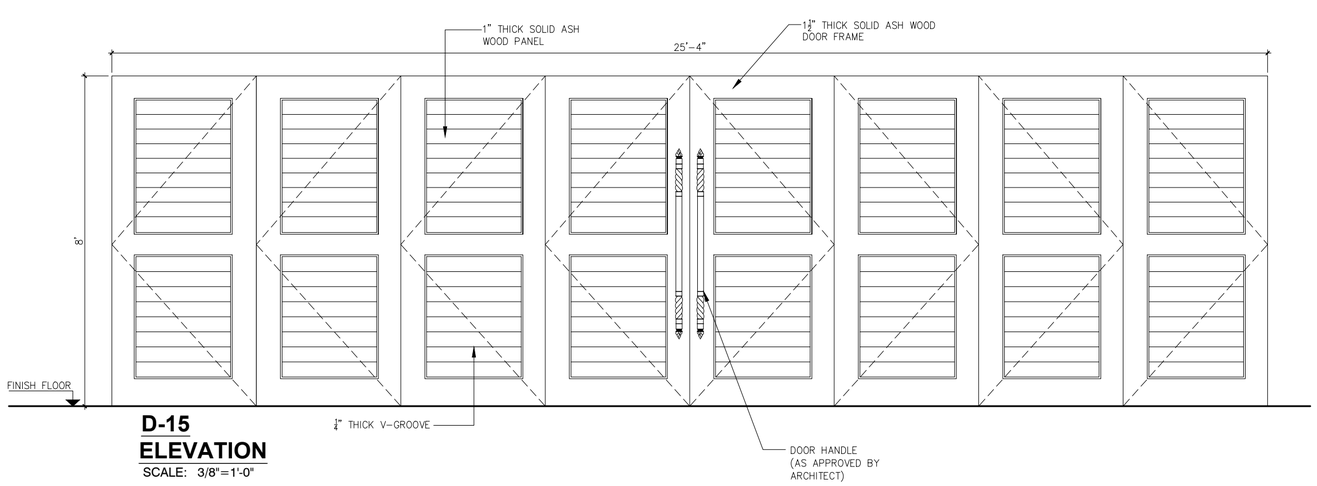


FD ELEVATION
SCALE: 3/8"=1'-0"

DOOR HARDWARE
6 BALL BEARING HINGES
1 MORTISE LEVER LOCK CASE FULL LEAF WIDTH BACK PLATE
2 DOOR STOP
1 OVERHEAD DOOR CLOSER

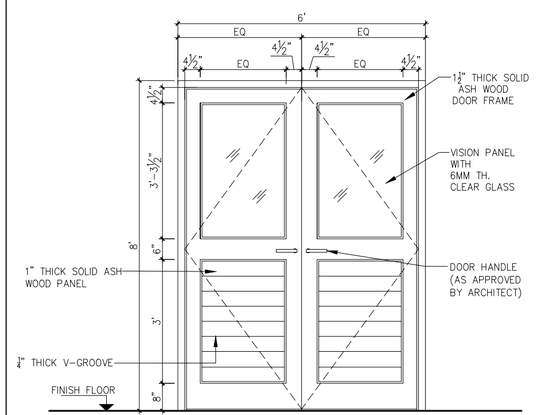
NOTE: (ALL HARDWARE ITEMS SHOULD BE UL LISTED)

FD HOLLOW METAL DOOR (FR60 MIN.)



D-15 ELEVATION
SCALE: 3/8"=1'-0"

D15 COLLAPSIBLE WOODEN PANELED DOOR



D-16 ELEVATION
SCALE: 3/8"=1'-0"

DOOR HARDWARE
2 PULL HANDLES SET
1 MORTISE LOCK CASE WITH THUMB TURN CYLINDER
2 DOOR STOP
6 BARREL BEARING HINGES
2 FLUSH BOLTS
2 OVERHEAD DOOR CLOSER

NOTE:
1-ALL DOORS HAVE M.S FRAME (16SWG)
2-ALL NON SCHEDULED DOOR HARDWARE SHALL SEEK APPROVAL THROUGH SUBMITTAL
3-CONTRACTOR TO SUBMIT ALL HARDWARE & ACCESSORIES SAMPLES TO THE ENGINEER FOR APPROVAL
4-FROSTING ON GLASS DOORS+PARTITIONS

D16 WOODEN DOOR WITH VISION PANEL

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PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

DOORS DETAILS - II

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 3/8"=1'-0"
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DRAWING NO. NICEEC-REB-03-A562	REVISION: 00

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(INTERNAL SIGNAGE DETAIL)

PROPOSED DRAWINGS FOR PC-1

ARCHITECTURE

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

INTERNAL SIGNAGE DRAWING LEGEND

WALL SIGNAGE

WS1	**DEPARTMENT SIGNAGE (WALL MOUNTED)**
WS2	**ROOM SIGNAGE-1 (WALL MOUNTED)**
WS3	**ROOM SIGNAGE-2 (WALL MOUNTED)**
WS4	**FLOOR LEVEL SIGN (WALL MOUNTED)**
WS5	**PICTOGRAM SIGNAGE (WALL MOUNTED)**
WS6	**DIRECTIONAL SIGNAGE (FLOOR STANDIND)**
WS7	**DIRECTIONAL SIGNAGE (WALL MOUNTED)**

DOOR SIGNAGE

DS1	**PICTOGRAM SIGNAGE (DOOR MOUNTED)**

FLAG TYPE SIGNAGE

FS1	**ROOM SIGNAGE (FLAG TYPE)**
FS2	**DIRECTIONAL SIGNAGE (FLAG TYPE)**

CEILING MOUNTED SIGNAGE

CS1	**OVER HEAD SIGNAGE (CEILING MOUNTED)**

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

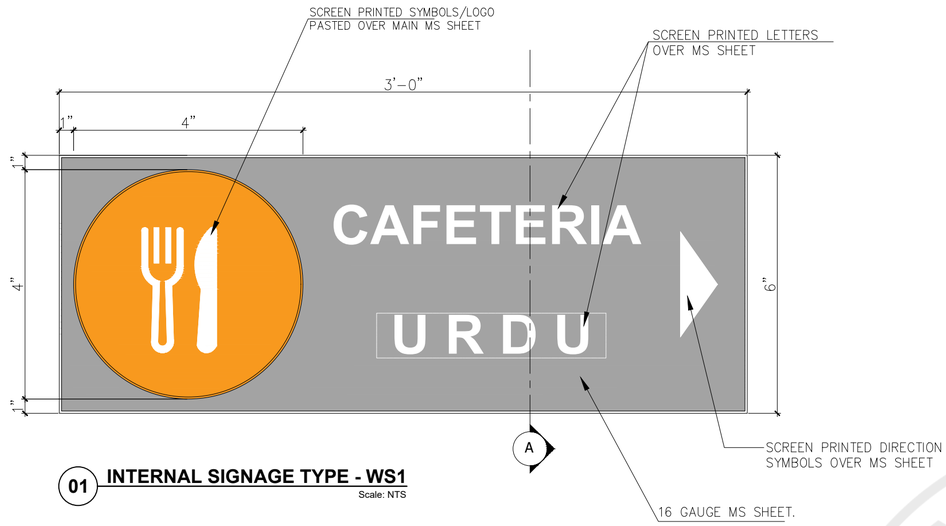
INTERNAL SIGNAGE LEGEND

REV.	DATE	DESCRIPTION

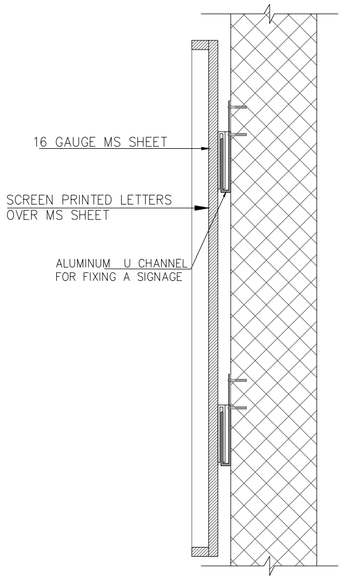
DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-03-A601	REVISION: 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

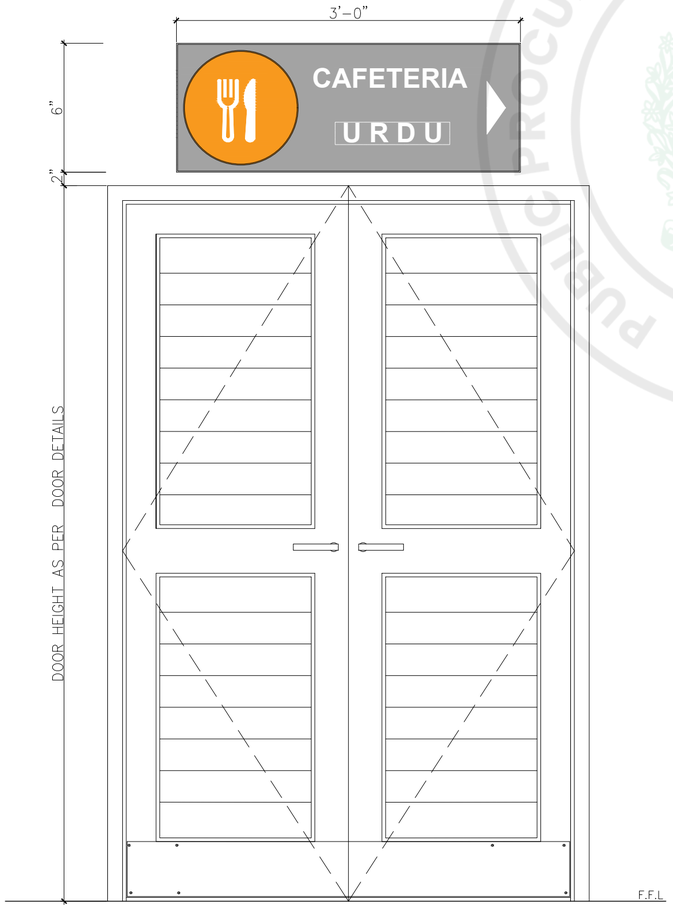
WS1 DEPARTMENT SIGNAGE (WALL MOUNTED)



01 INTERNAL SIGNAGE TYPE - WS1
Scale: NTS



A SECTION
Scale: NTS

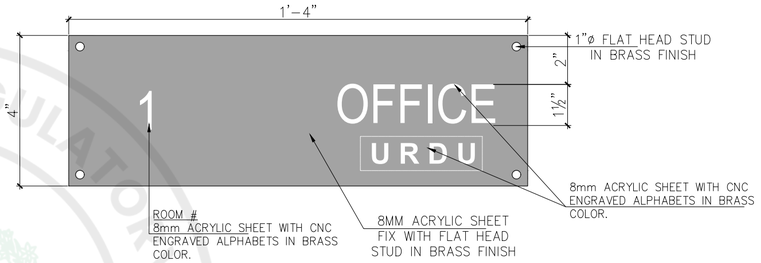


B INTERNAL SIGNAGE (OVERHEAD-DOOR ELEVATION) TYPICAL
Scale: NTS

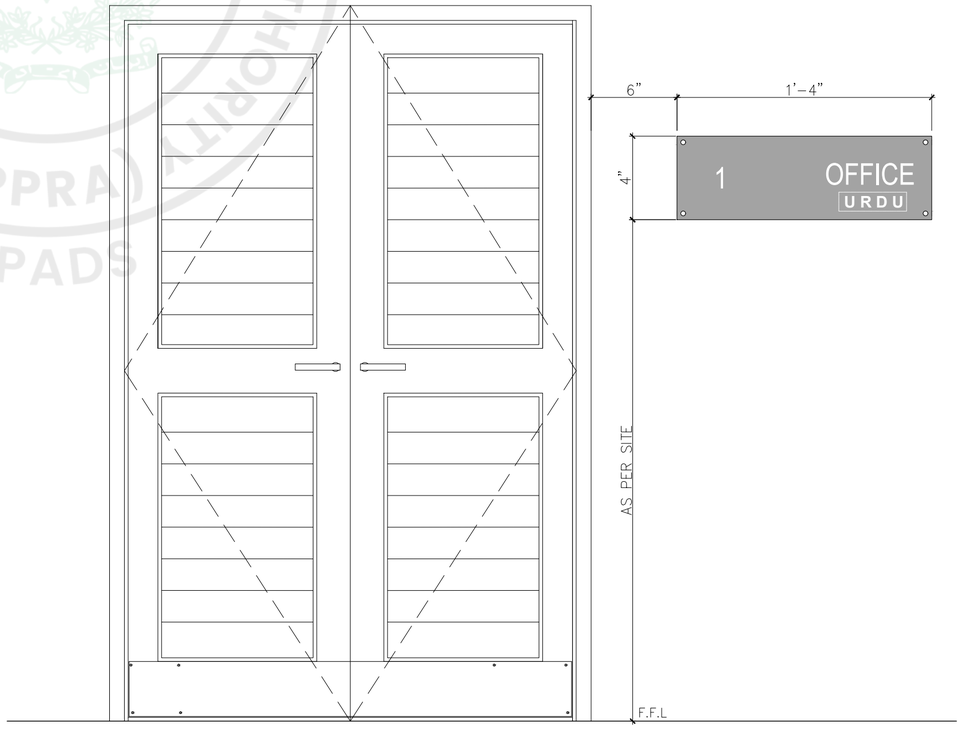
WS2 ROOM SIGNAGE-1 (WALL MOUNTED)



REFERANCE IMAGE



02 INTERNAL SIGNAGE TYPE - WS2
Scale: NTS



C INTERNAL SIGNAGE (WALL MOUNTED ELEVATION) TYPICAL
Scale: NTS

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

INTERNAL SIGNAGE ELEVATION AND TYPICAL DETAIL-I

REV.	DATE	DESCRIPTION

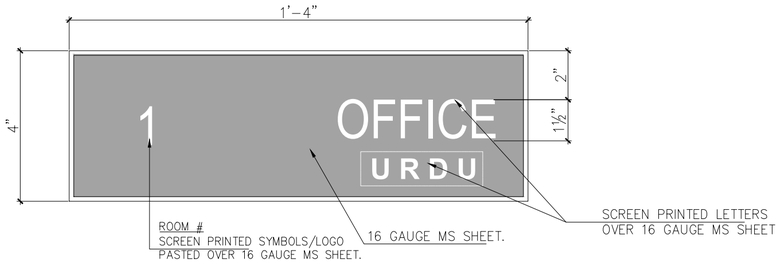
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DRAWING NO. NICEEC-REB-03-A602	REVISION: 00

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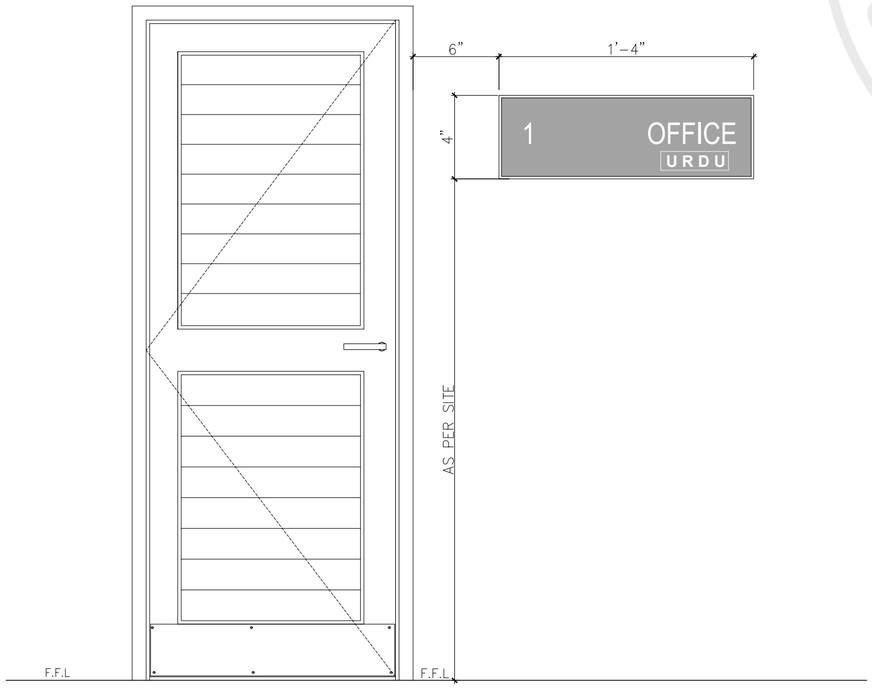
WS3 ROOM SIGNAGE-2 (WALL MOUNTED)



REFERANCE IMAGE



11 INTERNAL SIGNAGE TYPE - WS3
Scale: NTS

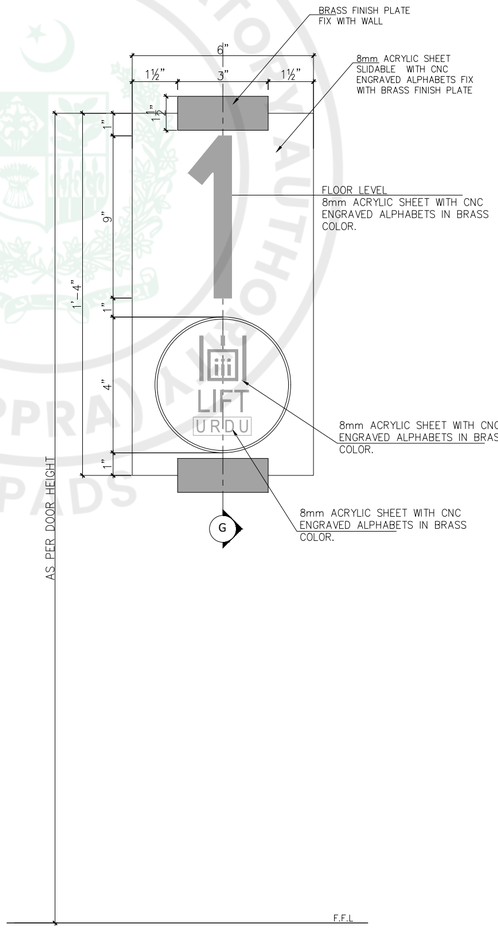


D INTERNAL SIGNAGE (WALL MOUNTED ELEVATION) TYPICAL
Scale: NTS

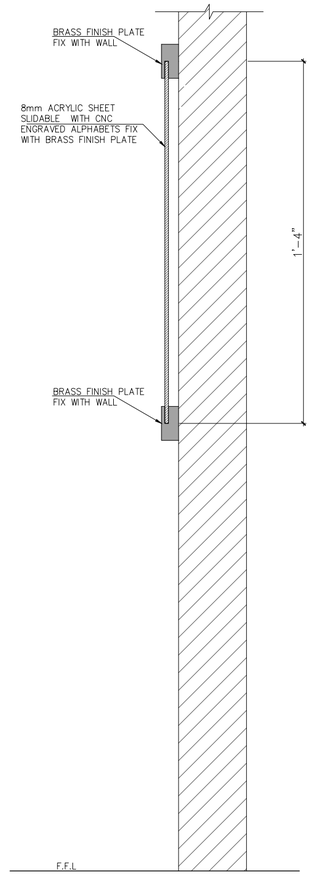
WS4 FLOOR LEVEL SIGN (WALL MOUNTED)



REFERANCE IMAGE



05 INTERNAL SIGNAGE TYPE - WS4
Scale: NTS



G SECTION
Scale: NTS

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

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PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

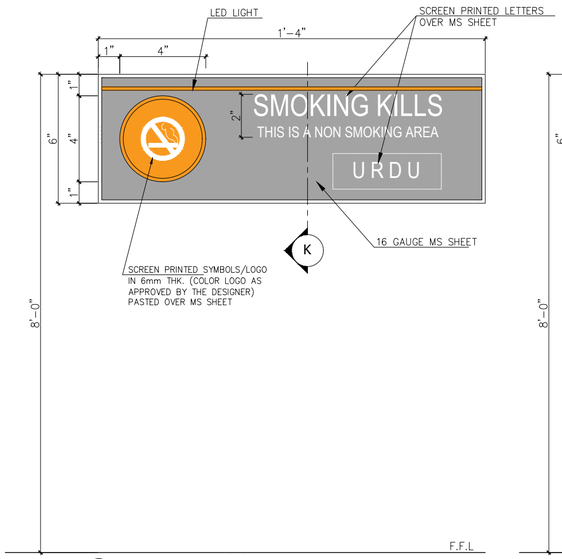
INTERNAL SIGNAGE ELEVATION AND TYPICAL DETAIL-II

REV.	DATE	DESCRIPTION

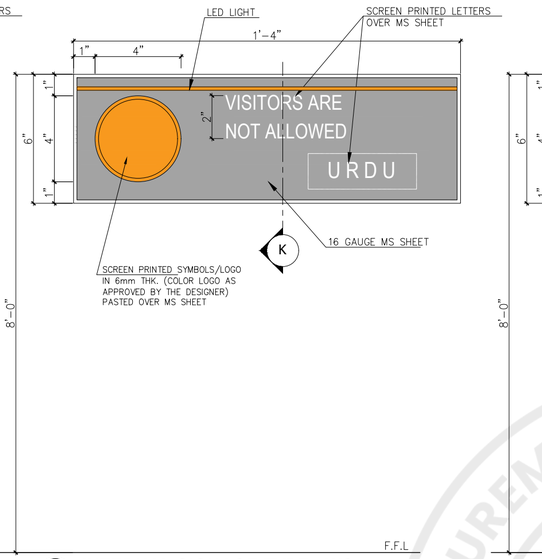
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CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-03-A603	REVISION: 00

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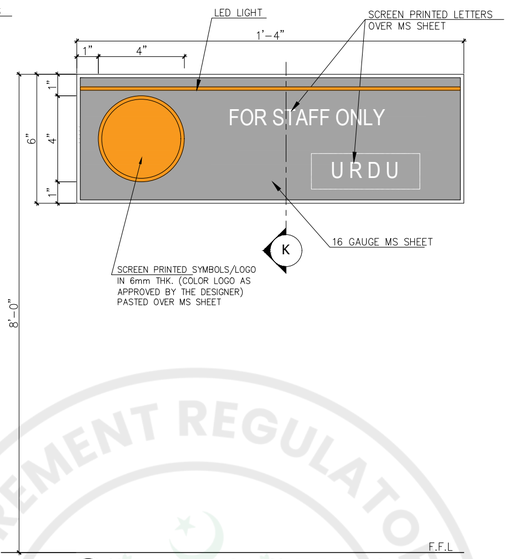
WS5 PICTOGRAM SIGNAGE (WALL MOUNTED) - WARNING SIGNS



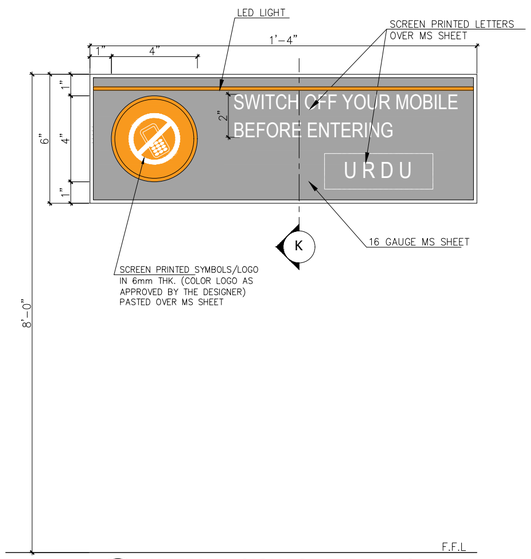
07 INTERNAL SIGNAGE TYPE - WS5 (TYPE-A)
Scale: NTS



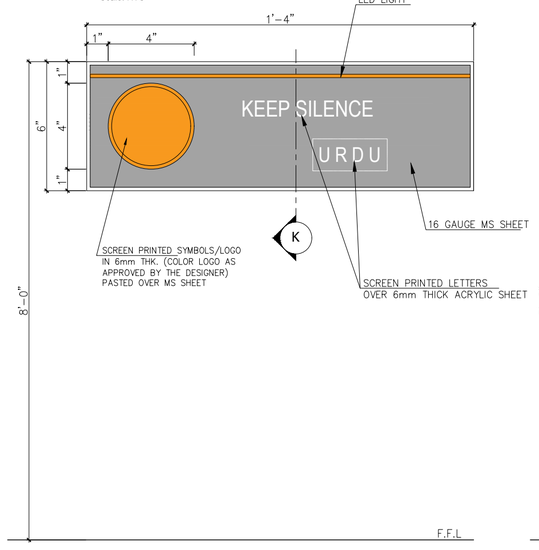
07a INTERNAL SIGNAGE TYPE - WS5 (TYPE-B)
Scale: NTS



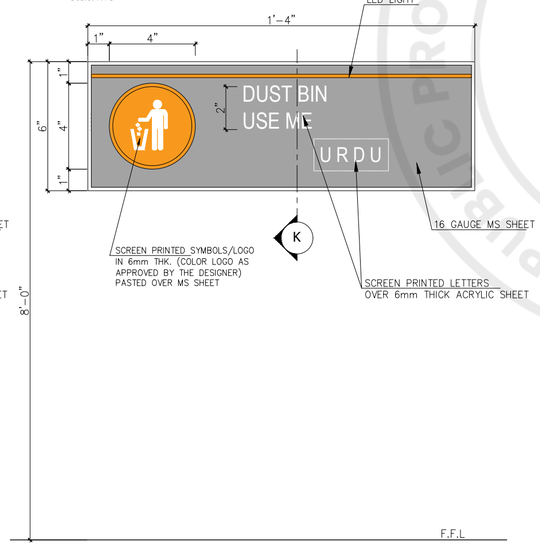
07b INTERNAL SIGNAGE TYPE - WS5 (TYPE-C)
Scale: NTS



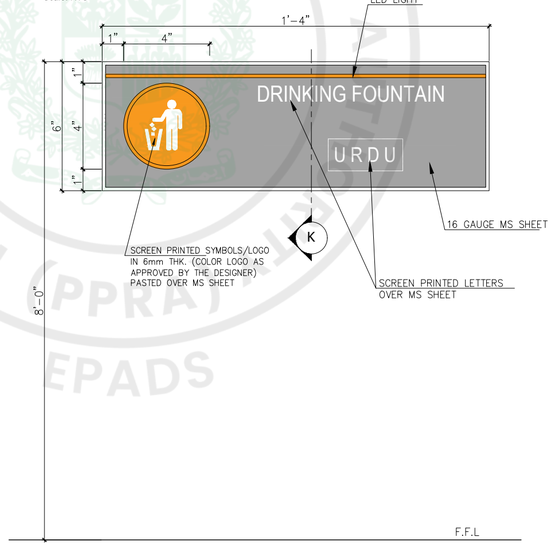
07c INTERNAL SIGNAGE TYPE - WS5 (TYPE-D)
Scale: NTS



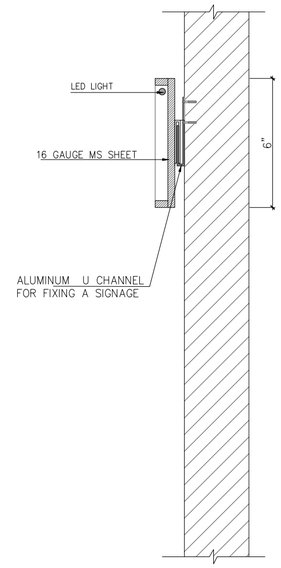
07d INTERNAL SIGNAGE TYPE - WS5 (TYPE-E)
Scale: NTS



07e INTERNAL SIGNAGE TYPE - WS5 (TYPE-F)
Scale: NTS



07f INTERNAL SIGNAGE TYPE - WS5 (TYPE-G)
Scale: NTS



K SECTION
Scale: NTS

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

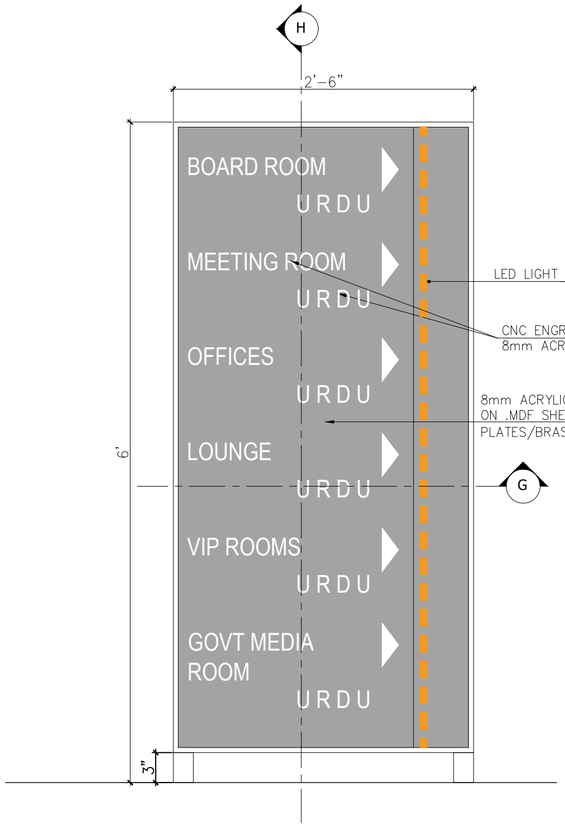
INTERNAL SIGNAGE ELEVATION AND TYPICAL DETAIL-III

REV.	DATE	DESCRIPTION

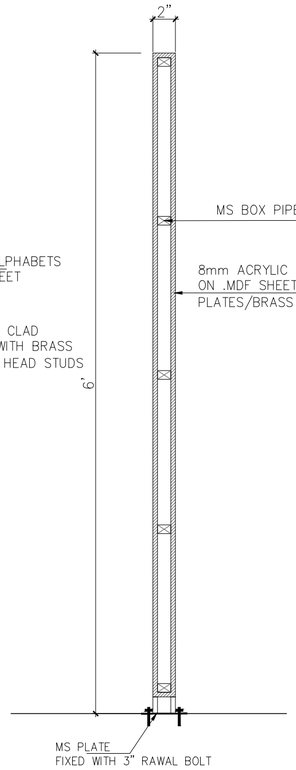
DATE: OCTOBER, 2026	SCALE: NTS
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CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-03-A604	REVISION: 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

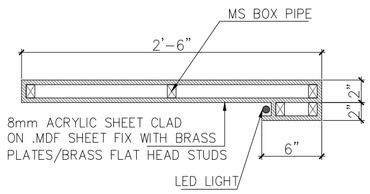
WS6 DIRECTIONAL SIGNAGE (FLOOR STANDIND)



05 INTERNAL SIGNAGE TYPE - WS6
Scale: NTS

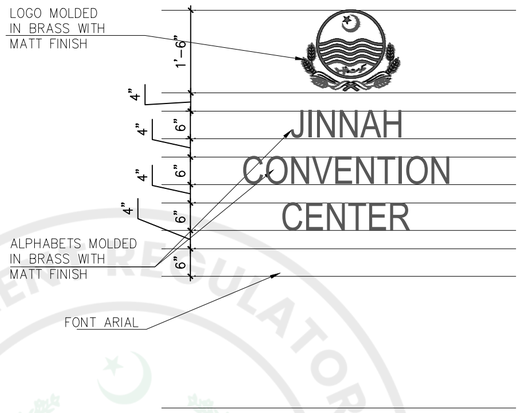


G SECTION
Scale: NTS



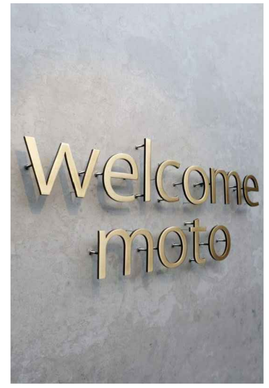
H SECTION
Scale: NTS

WS7 DIRECTIONAL SIGNAGE (WALL MOUNTED)

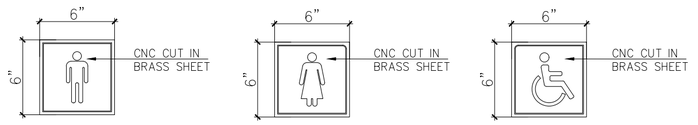


D MAIN ENTRANCE RECEPTION WALL-G.F
Scale: 1/2"=1'-0"

REFERANCE IMAGE



DS1 PICTOGRAM SIGNAGE (DOOR MOUNTED)



04 INTERNAL SIGNAGE TYPE - DS1
Scale: NTS

REFERANCE IMAGE



PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

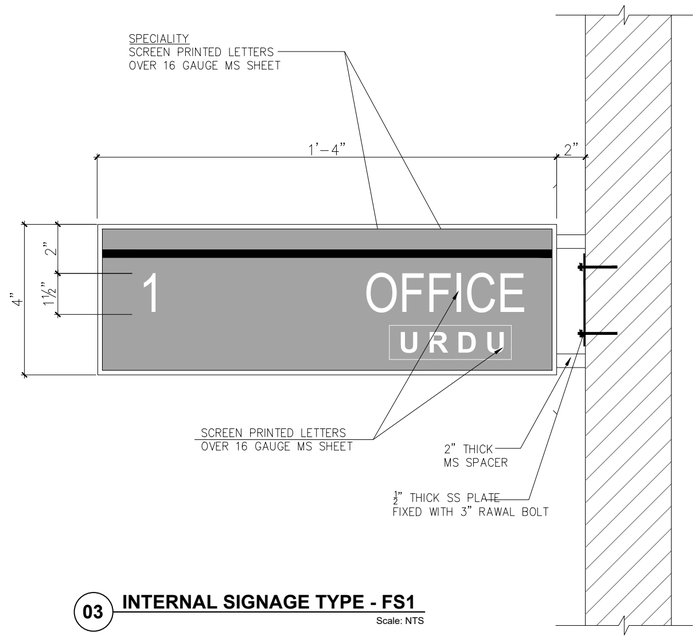
INTERNAL SIGNAGE ELEVATION AND TYPICAL DETAIL-IV

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-03-A605	REVISION: 00

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FS1 ROOM SIGNAGE (FLAG TYPE)



03 INTERNAL SIGNAGE TYPE - FS1
Scale: NTS



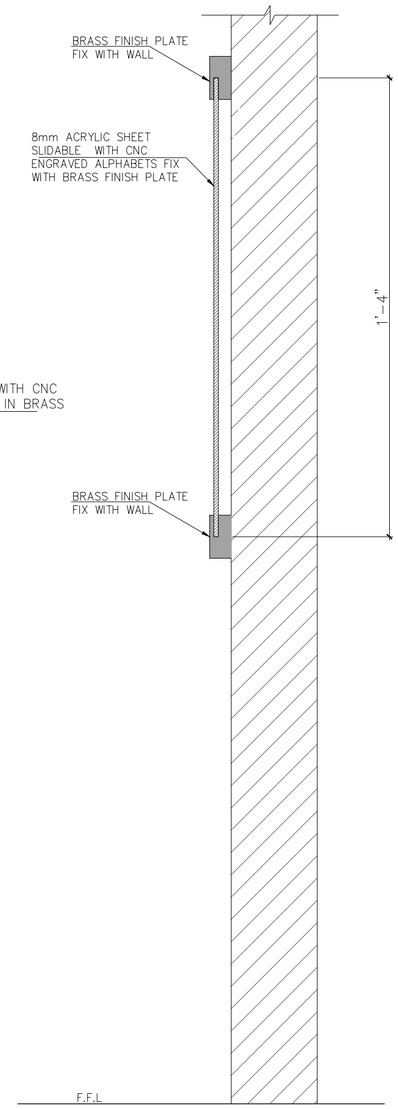
REFERANCE IMAGE

FS2 DIRECTIONAL SIGNAGE (FLAG TYPE)



REFERANCE IMAGE

08 INTERNAL SIGNAGE TYPE - FS2
Scale: NTS



G SECTION
Scale: NTS

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

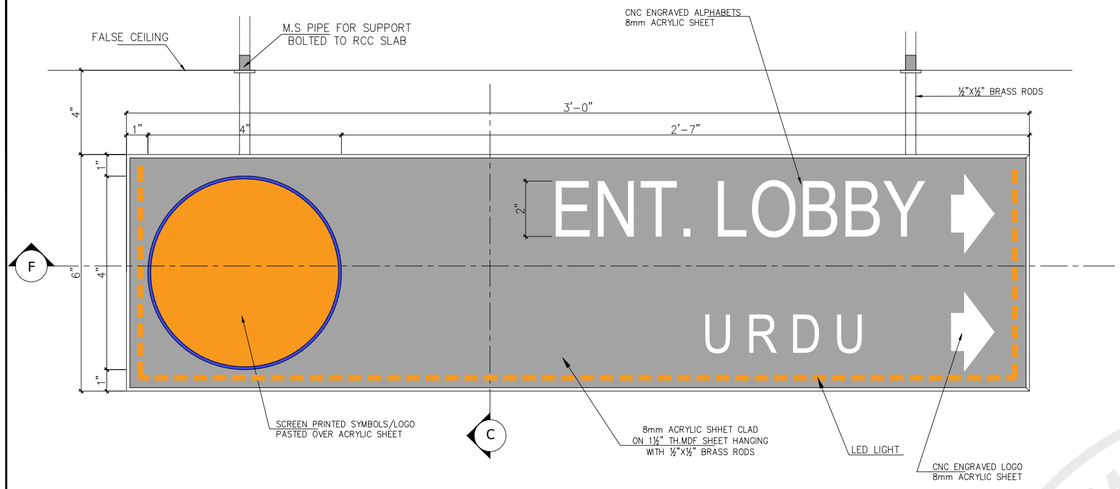
INTERNAL SIGNAGE ELEVATION AND TYPICAL DETAIL-V

REV.	DATE	DESCRIPTION

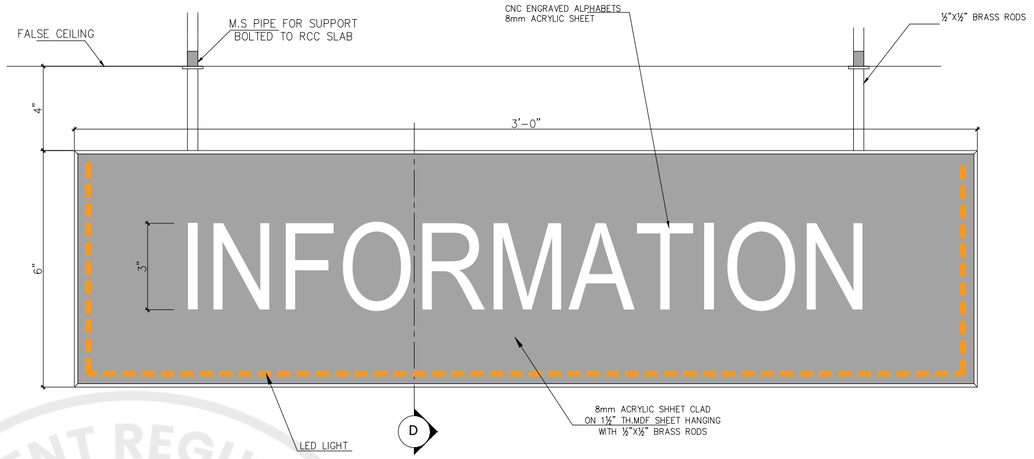
DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-03-A606	REVISION: 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

CS1 OVER HEAD SIGNAGE (CEILING MOUNTED)



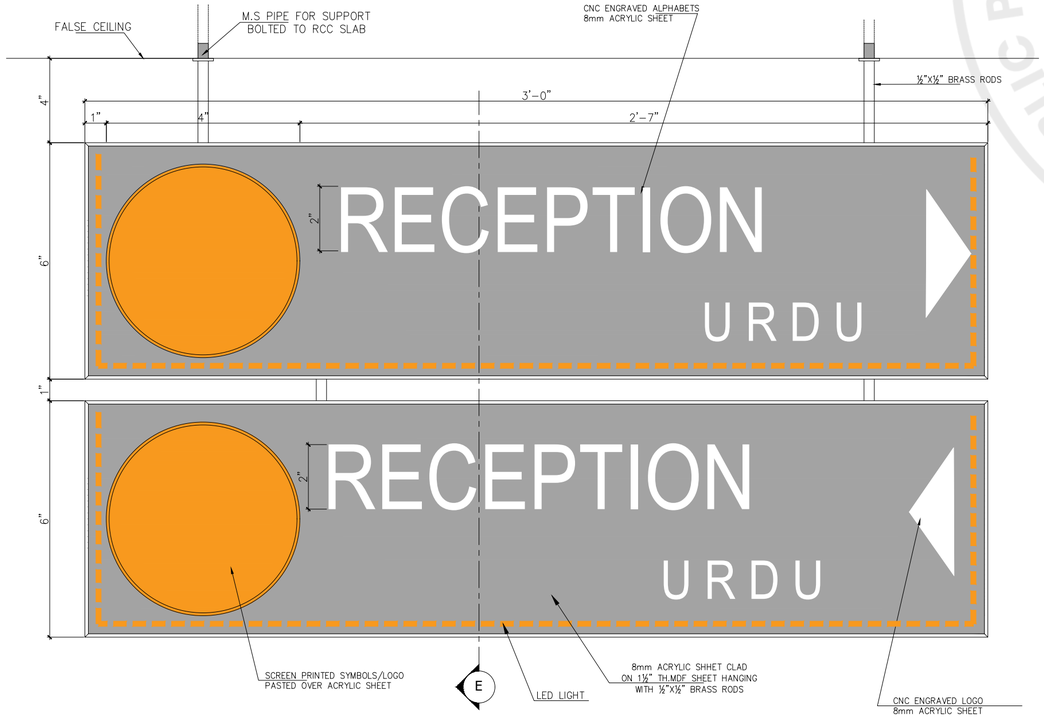
06 INTERNAL SIGNAGE TYPE - CS1 (TYPE-A)
Scale: NTS



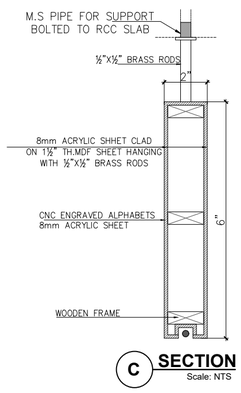
06a INTERNAL SIGNAGE TYPE - CS1 (TYPE-B)
Scale: NTS



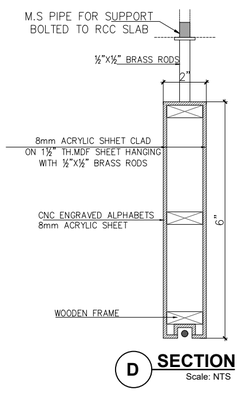
REFERANCE IMAGE



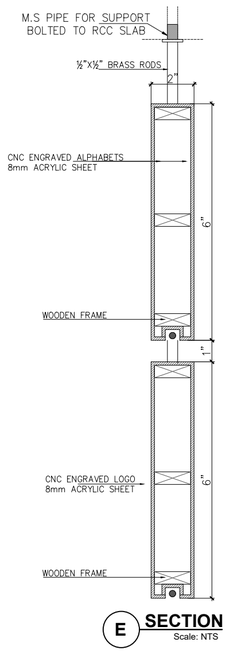
06b INTERNAL SIGNAGE TYPE - CS1 (TYPE-C)
Scale: NTS



C SECTION
Scale: NTS



D SECTION
Scale: NTS



E SECTION
Scale: NTS

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

PROPOSED DRAWINGS

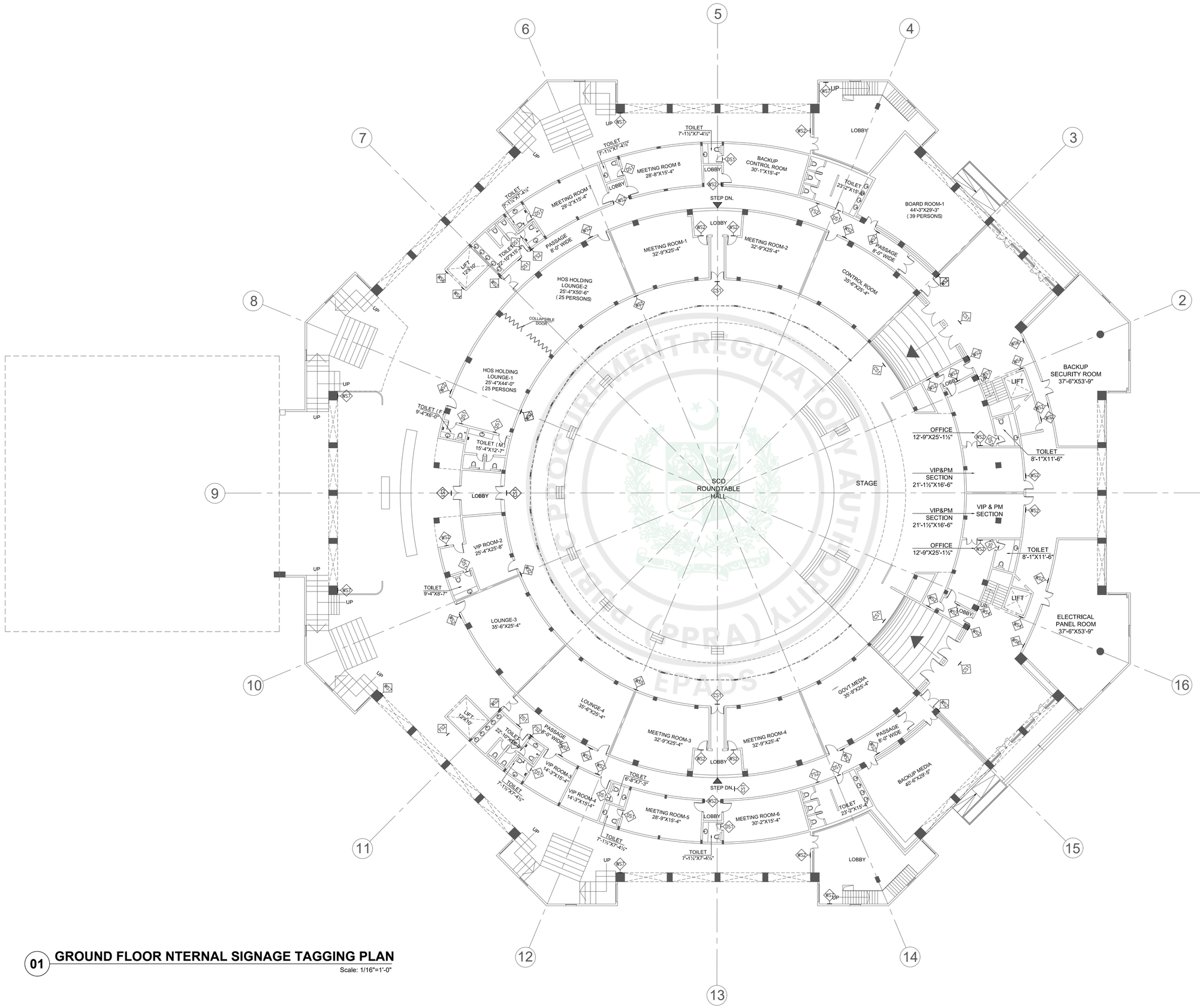
DRAWING TITLE:

INTERNAL SIGNAGE ELEVATION AND TYPICAL DETAIL-VI

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-03-A607	REVISION: 00

PROCUREMENT REGULATORY AUTHORITY PUBLIC PROCUREMENT REGULATORY AUTHORITY EPADS



01 GROUND FLOOR NTERNAL SIGNAGE TAGGING PLAN

Scale: 1/16"=1'-0"

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN FEET/INCHES, UNLESS OTHERWISE NOTED.
2. IF ANY ERROR OR OMISSION IS FOUND IN DRAWING THIS OFFICE MAY BE CONSULTED FOR RECTIFICATION.
3. FOR ANY FURTHER DETAIL /CLARIFICATION ON THE DRAWING PLEASE CONTACT THE PROJECT ARCHITECT.
4. ALL NECESSARY NOC'S/PERMISSIONS MAY BE OBTAINED FROM THE CONCERNED AUTHORITIES BEFORE COMMENCEMENT OF PROJECT AT SITE.
5. THE SITE DIMENSIONS AND PROFILE AS SHOWN ON THE LAYOUT PLAN MUST BE VERIFIED ON GROUND PRIOR TO COMMENCEMENT OF CONSTRUCTION IN ORDER TO AVOID COMPLICATIONS LATER ON.
6. H.V.A.C. PUBLIC HEALTH , ELECTRICAL AND LANDSCAPING SERVICES TO BE FINALIZED IN CONSULTATION WITH IDAP OFFICE PRIOR TO START OF CONSTRUCTION.
7. CONTRACTOR/CONSULTANT TO CONFIRM HANDICAP TOILET WITH ANSI 117.1
8. FOR ALL STRUCTURE DETAILS REFER TO STRUCTURE DRAWINGS.
9. FOR TYPICAL DETAILS SECTION, USE REFERRED DETAILS.
10. FOR SUMP PIT,LIFT PITS TRENCHES DETAILS AND LOCATIONS REFER MEP AND STRUCTURE.
11. RAIN WATER PIPES , ROOF SLOPES , RIDGES ARE INDICATIVE ONLY PLEASE REFER MEP DRAWINGS FOR DETAILS.
12. PLEASE VERIFY THE ROAD LEVELS WITH REFERENCE TO GRADING PLAN AS IT VARIES AT VARIOUS LOCATIONS /ENTRANCES OF THE BUILDING.

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

PROPOSED DRAWINGS

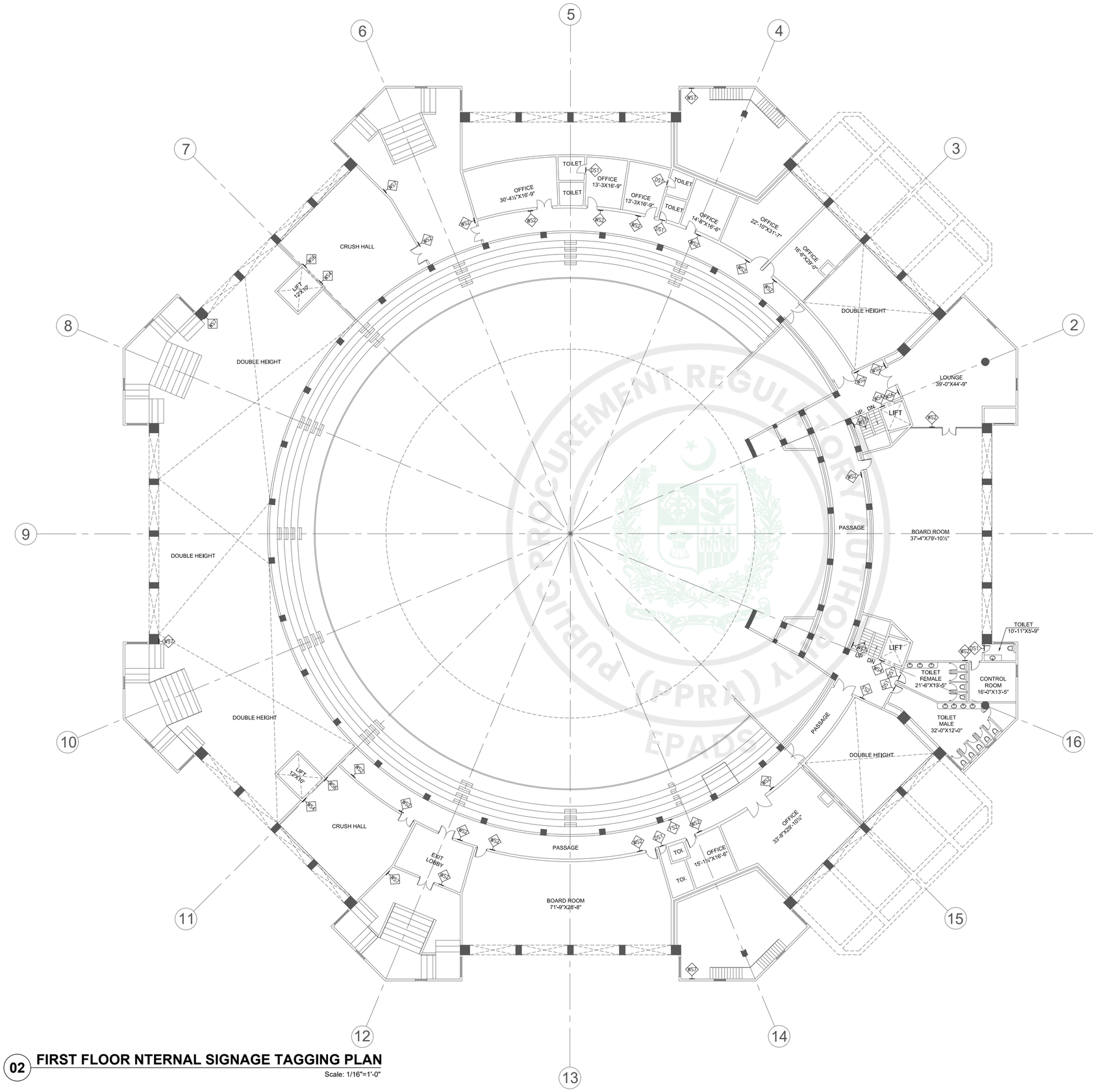
DRAWING TITLE:

GROUND FLOOR INTERNAL SIGNAGE TAGGING PLAN

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/16" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-03-A609	REVISION: 00

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02 **FIRST FLOOR NTERNAL SIGNAGE TAGGING PLAN**

Scale: 1/16"=1'-0"

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN FEET/INCHES, UNLESS OTHERWISE NOTED.
2. IF ANY ERROR OR OMISSION IS FOUND IN DRAWING THIS OFFICE MAY BE CONSULTED FOR RECTIFICATION.
3. FOR ANY FURTHER DETAIL /CLARIFICATION ON THE DRAWING PLEASE CONTACT THE PROJECT ARCHITECT.
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12. PLEASE VERIFY THE ROAD LEVELS WITH REFERENCE TO GRADING PLAN AS IT VARIES AT VARIOUS LOCATIONS /ENTRANCES OF THE BUILDING.

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

PROPOSED DRAWINGS

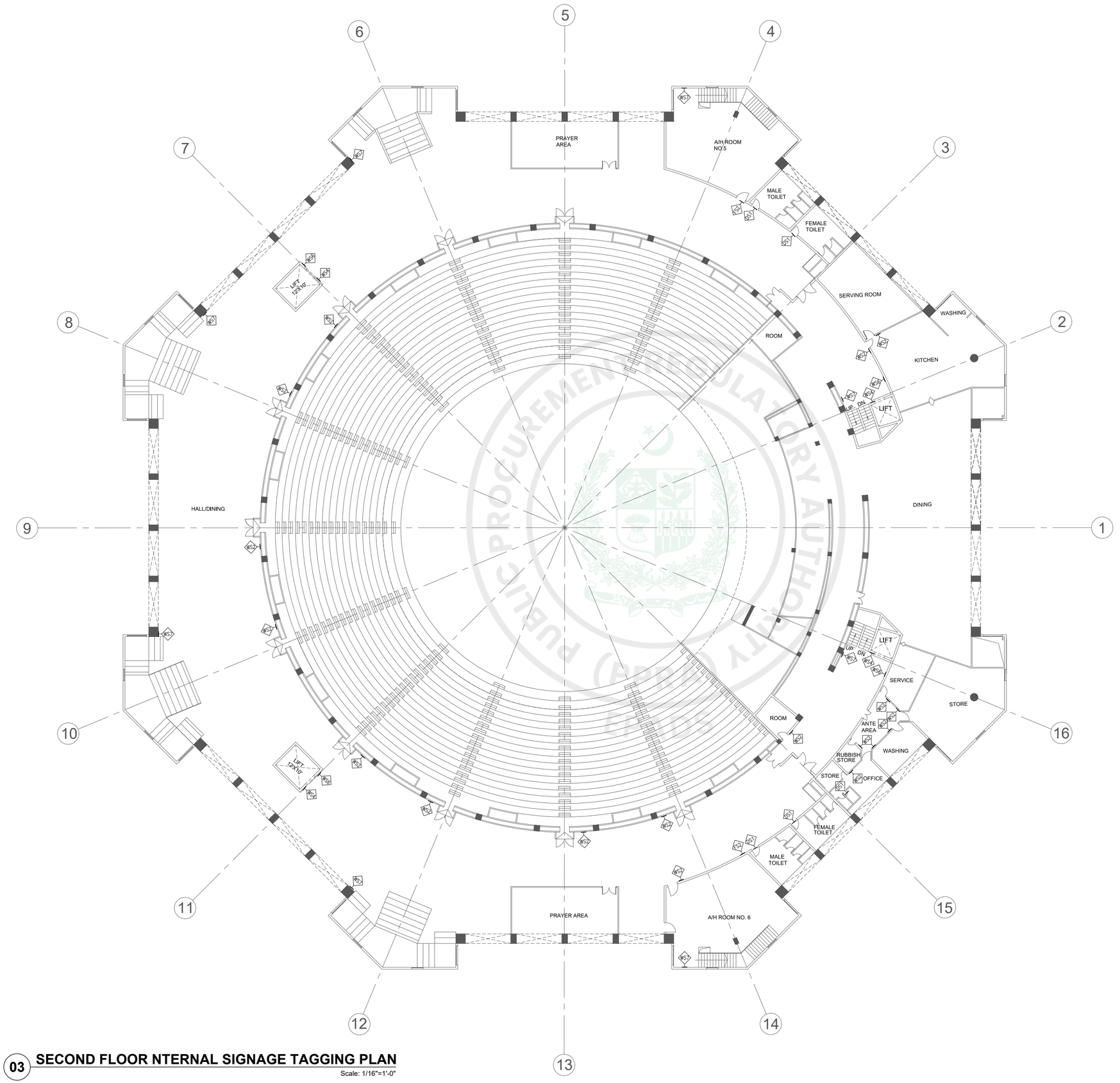
DRAWING TITLE:

FIRST FLOOR INTERNAL SIGNAGE TAGGING PLAN

REV.	DATE	DESCRIPTION

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DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-03-A610	REVISION: 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



03 **SECOND FLOOR NTERNAL SIGNAGE TAGGING PLAN**

Scale: 1/16"=1'-0"

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN FEET/INCHES, UNLESS OTHERWISE NOTED.
2. IF ANY ERROR OR OMISSION IS FOUND IN DRAWING THIS OFFICE MAY BE CONSULTED FOR RECTIFICATION.
3. FOR ANY FURTHER DETAIL /CLARIFICATION ON THE DRAWING PLEASE CONTACT THE PROJECT ARCHITECT.
4. ALL NECESSARY NOC'S/PERMISSIONS MAY BE OBTAINED FROM THE CONCERNED AUTHORITIES BEFORE COMMENCEMENT OF PROJECT AT SITE.
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11. RAIN WATER PIPES , ROOF SLOPES , RIDGES ARE INDICATIVE ONLY PLEASE REFER MEP DRAWINGS FOR DETAILS.
12. PLEASE VERIFY THE ROAD LEVELS WITH REFERENCE TO GRADING PLAN AS IT VARIES AT VARIOUS LOCATIONS /ENTRANCES OF THE BUILDING.

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

PROPOSED DRAWINGS

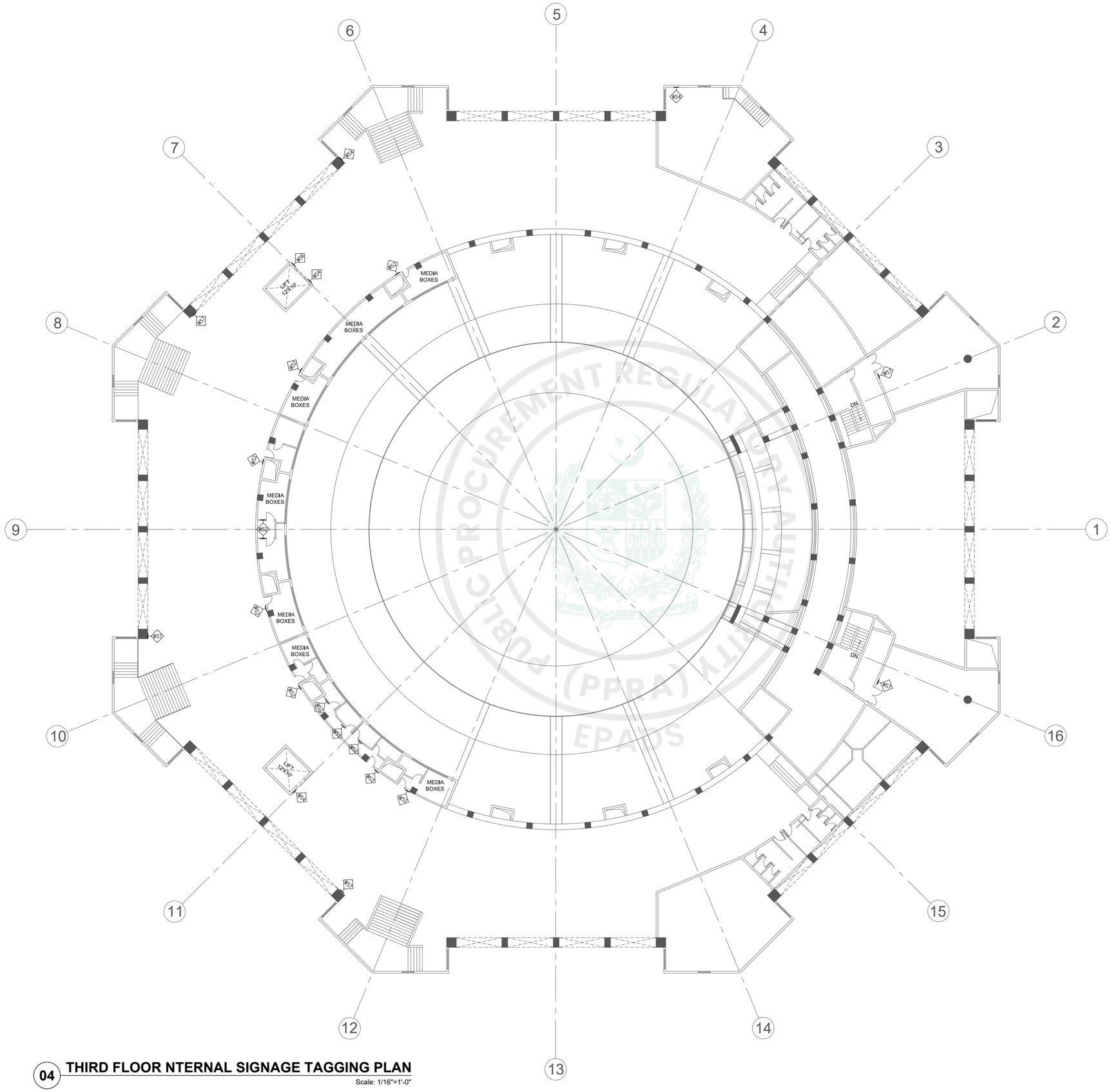
DRAWING TITLE:

SECOND FLOOR INTERNAL SIGNAGE TAGGING PLAN

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/16" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-03-A611	REVISION: 00

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04 **THIRD FLOOR NTERNAL SIGNAGE TAGGING PLAN**

Scale: 1/16"=1'-0"

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN FEET/INCHES, UNLESS OTHERWISE NOTED.
2. IF ANY ERROR OR OMISSION IS FOUND IN DRAWING THIS OFFICE MAY BE CONSULTED FOR RECTIFICATION.
3. FOR ANY FURTHER DETAIL /CLARIFICATION ON THE DRAWING PLEASE CONTACT THE PROJECT ARCHITECT.
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11. RAIN WATER PIPES , ROOF SLOPES , RIDGES ARE INDICATIVE ONLY PLEASE REFER MEP DRAWINGS FOR DETAILS.
12. PLEASE VERIFY THE ROAD LEVELS WITH REFERENCE TO GRADING PLAN AS IT VARIES AT VARIOUS LOCATIONS /ENTRANCES OF THE BUILDING.

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

PROPOSED DRAWINGS

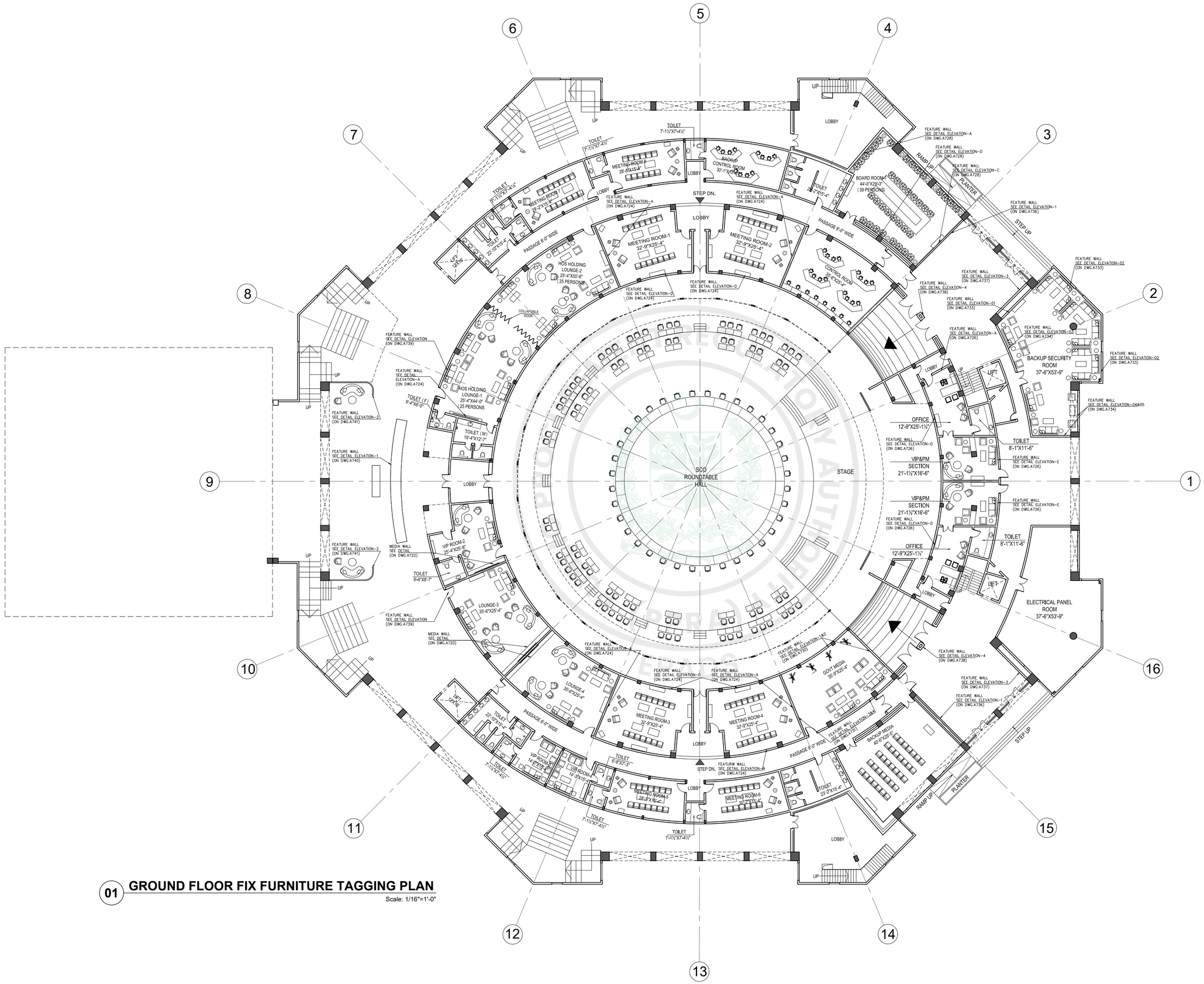
DRAWING TITLE:

THIRD FLOOR INTERNAL SIGNAGE TAGGING PLAN

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/16" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-03-A612	REVISION: 00

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01 GROUND FLOOR FIX FURNITURE TAGGING PLAN

Scale: 1/16"=1'-0"

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN FEET/INCHES, UNLESS OTHERWISE NOTED.
2. IF ANY ERROR OR OMISSION IS FOUND IN DRAWING THIS OFFICE MAY BE CONSULTED FOR RECTIFICATION.
3. FOR ANY FURTHER DETAIL /CLARIFICATION ON THE DRAWING PLEASE CONTACT THE PROJECT ARCHITECT.
4. ALL NECESSARY NOC'S/PERMISSIONS MAY BE OBTAINED FROM THE CONCERNED AUTHORITIES BEFORE COMMENCEMENT OF PROJECT AT SITE.
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11. RAIN WATER PIPES , ROOF SLOPES , RIDGES ARE INDICATIVE ONLY PLEASE REFER MEP DRAWINGS FOR DETAILS.
12. PLEASE VERIFY THE ROAD LEVELS WITH REFERENCE TO GRADING PLAN AS IT VARIES AT VARIOUS LOCATIONS /ENTRANCES OF THE BUILDING.

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

PROPOSED DRAWINGS

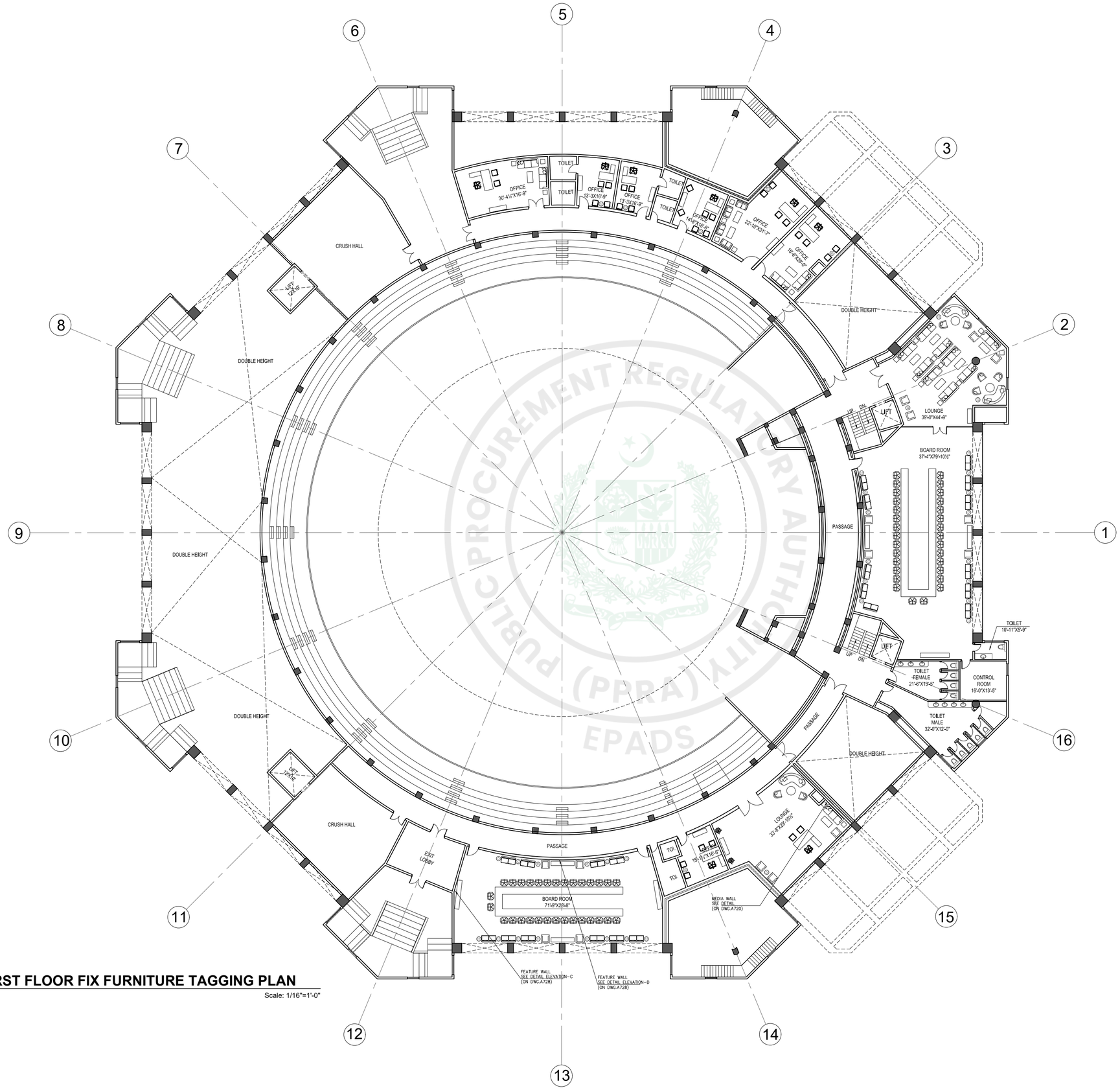
DRAWING TITLE:

GROUND FLOOR
FIX FURNITURE TAGGING PLAN

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/16" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-03-A801	REVISION: 00

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02 FIRST FLOOR FIX FURNITURE TAGGING PLAN

Scale: 1/16"=1'-0"

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN FEET/INCHES, UNLESS OTHERWISE NOTED.
2. IF ANY ERROR OR OMISSION IS FOUND IN DRAWING THIS OFFICE MAY BE CONSULTED FOR RECTIFICATION.
3. FOR ANY FURTHER DETAIL /CLARIFICATION ON THE DRAWING PLEASE CONTACT THE PROJECT ARCHITECT.
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8. FOR ALL STRUCTURE DETAILS REFER TO STRUCTURE DRAWINGS.
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10. FOR SUMP PIT,LIFT PITS TRENCHES DETAILS AND LOCATIONS REFER MEP AND STRUCTURE.
11. RAIN WATER PIPES , ROOF SLOPES , RIDGES ARE INDICATIVE ONLY PLEASE REFER MEP DRAWINGS FOR DETAILS.
12. PLEASE VERIFY THE ROAD LEVELS WITH REFERENCE TO GRADING PLAN AS IT VARIES AT VARIOUS LOCATIONS /ENTRANCES OF THE BUILDING.

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

FIRST FLOOR
FIX FURNITURE TAGGING PLAN

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/16" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-03-A802	REVISION: 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

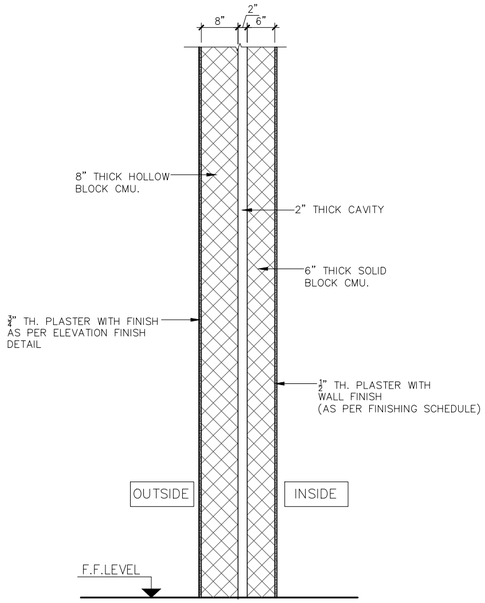
(TYPICAL DETAILS)

PROPOSED DRAWINGS FOR PC-1

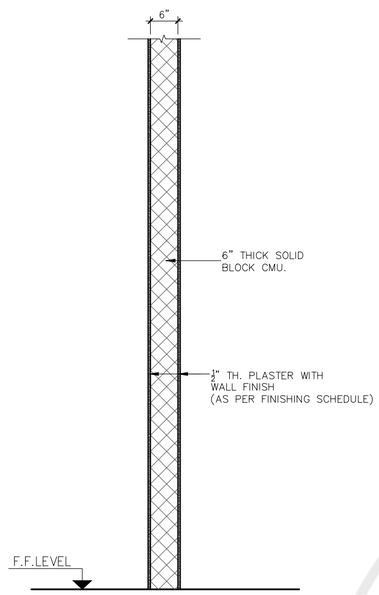
ARCHITECTURE

OCTOBER, 2026

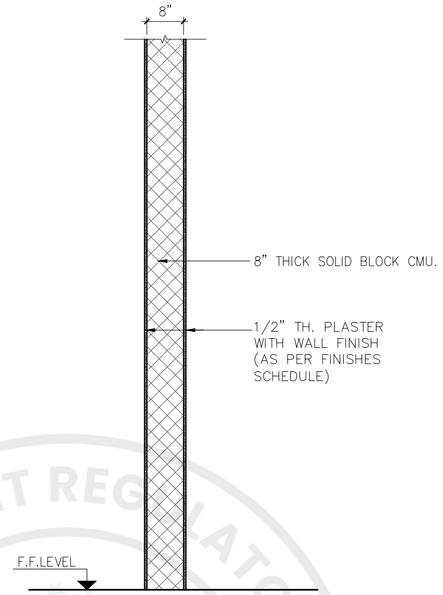
PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



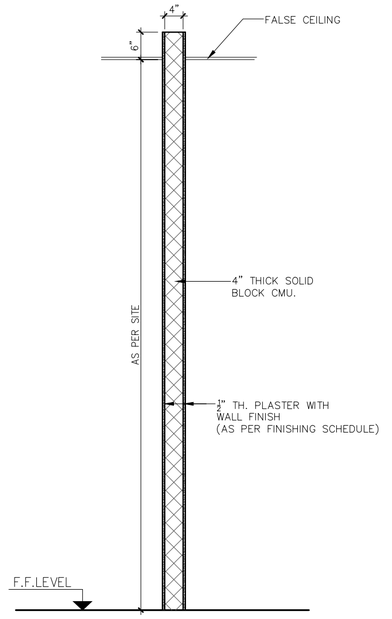
01 WALL TYPE - A



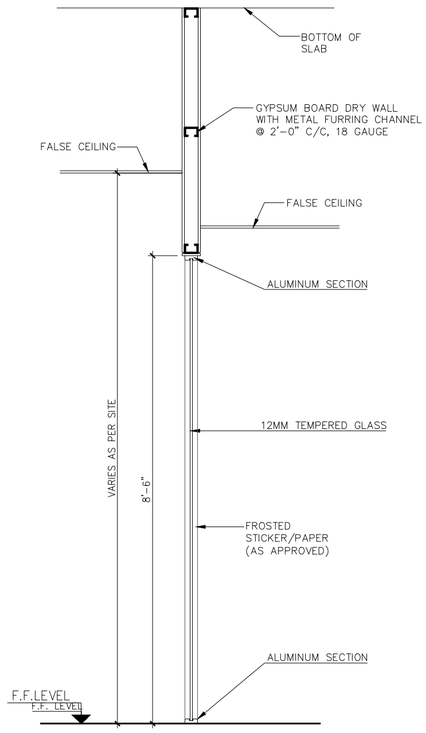
02 WALL TYPE - B



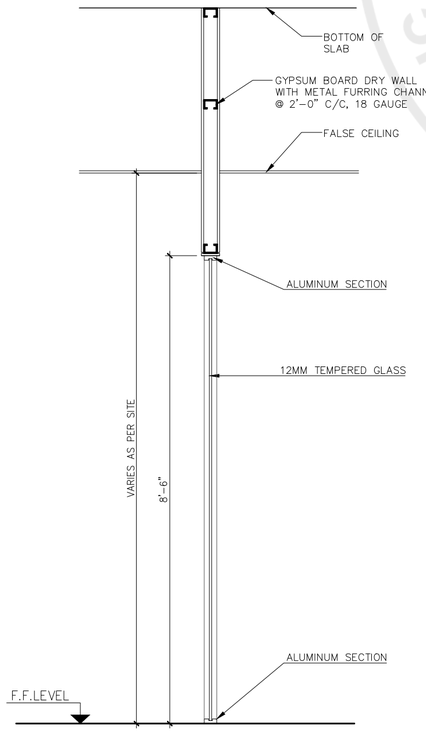
03 WALL TYPE - C



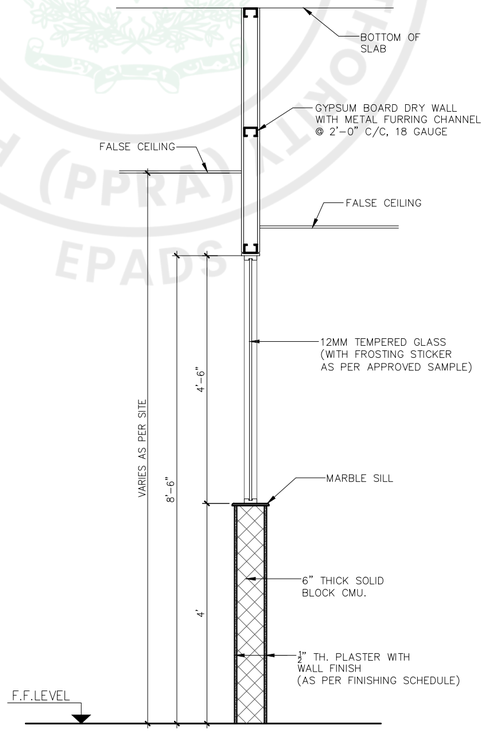
04 WALL TYPE - D



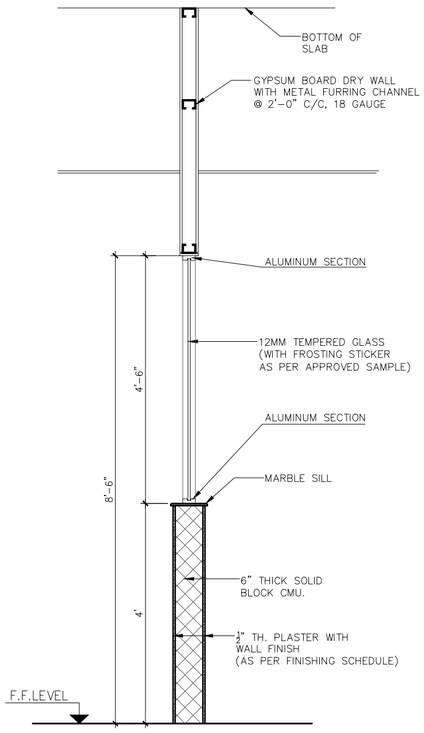
05 WALL TYPE - E



06 WALL TYPE - F



07 WALL TYPE - G



08 WALL TYPE - H

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(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

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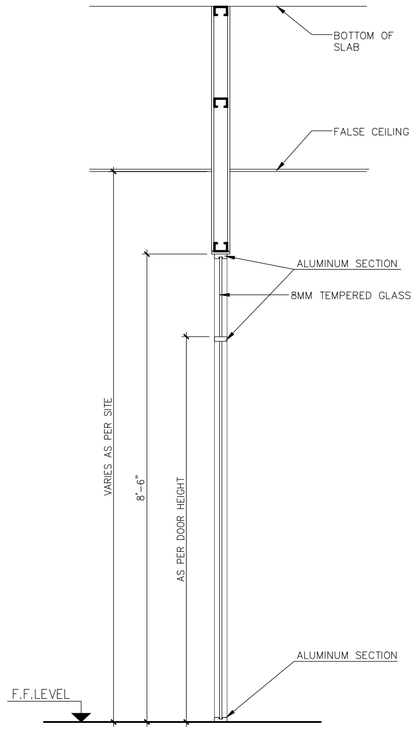
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WALL TYPES -1

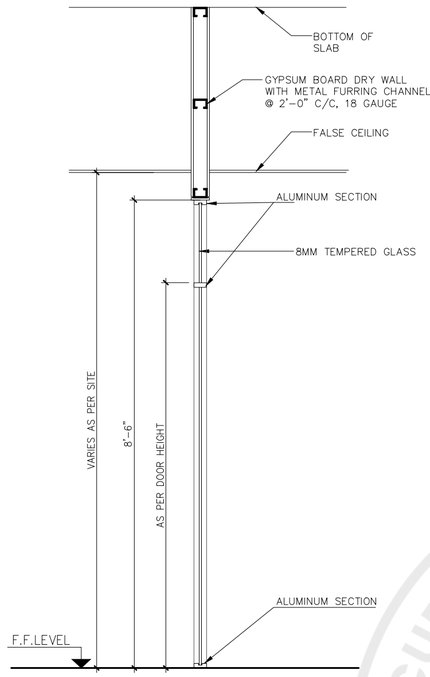
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DRAWING NO. NICEEC-REB-TD-03-A701	REVISION: 00

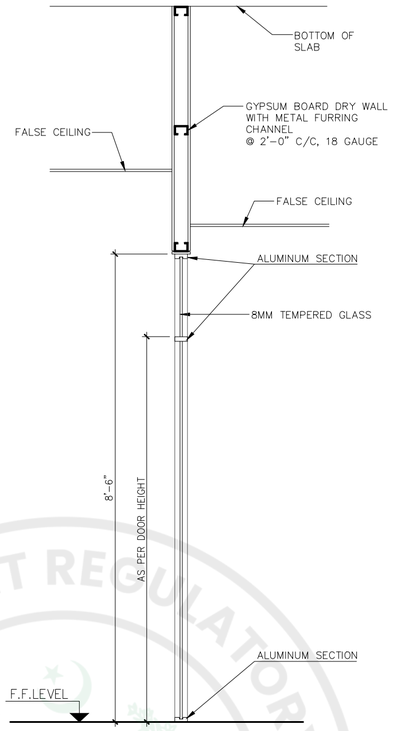
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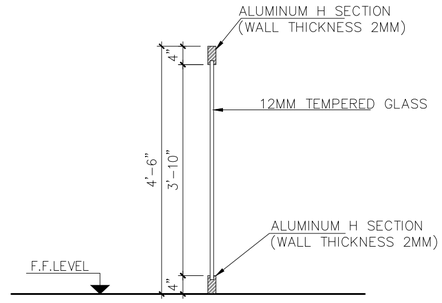
09 WALL TYPE - J



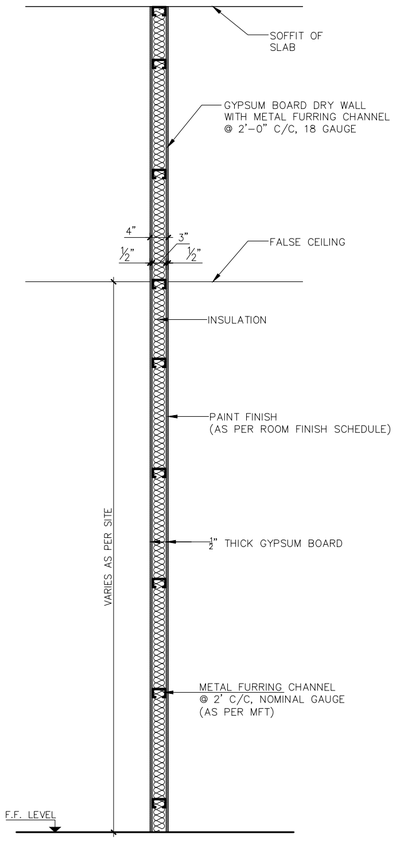
10 WALL TYPE - K



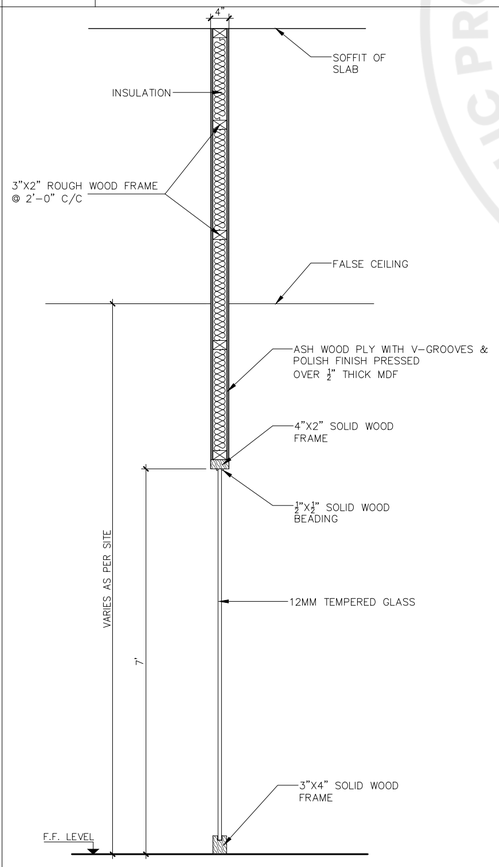
11 WALL TYPE - L



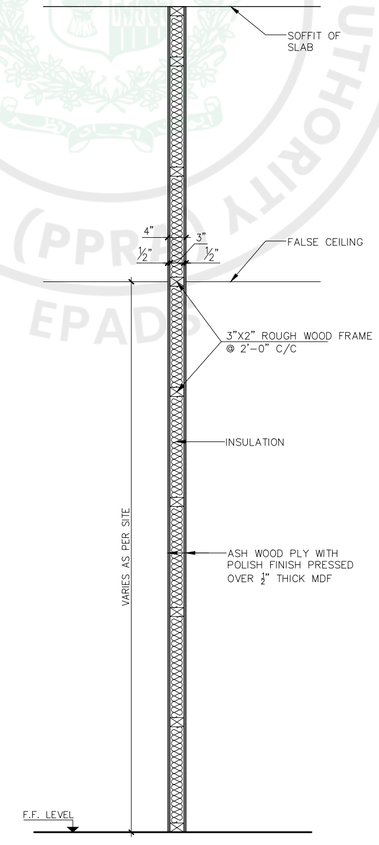
12 WALL TYPE - M



13 WALL TYPE - N



14 WALL TYPE - P



15 WALL TYPE - Q

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(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

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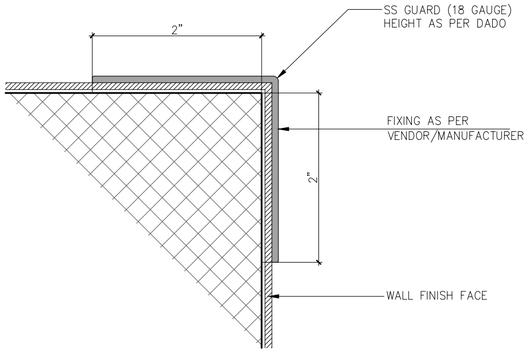
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WALL TYPES - 2

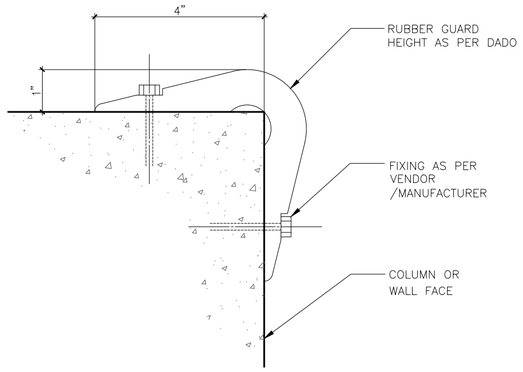
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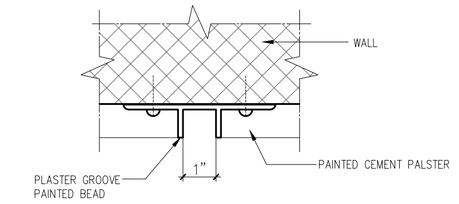
e-Pak Acquisition and Disposal System (EPADS) generated document | © 2026



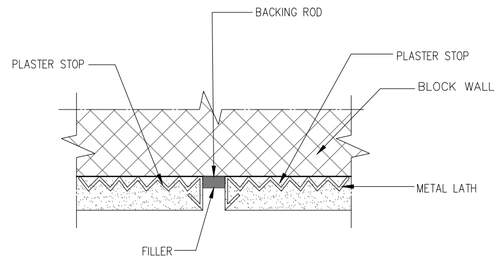
1 CORNER AND COLUMN GUARD DETAIL (SS)



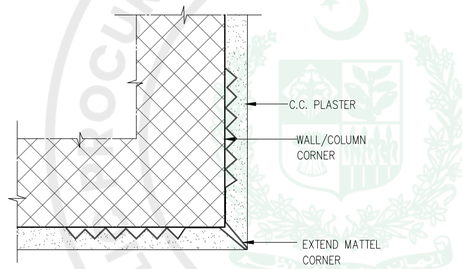
2 CORNER AND COLUMN GUARD DETAIL (RUBBER) FOR BASEMENT ONLY



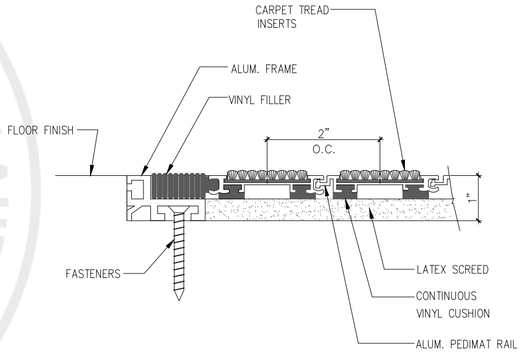
3 PLASTER GROOVE DETAIL (WHERE OCCURS)



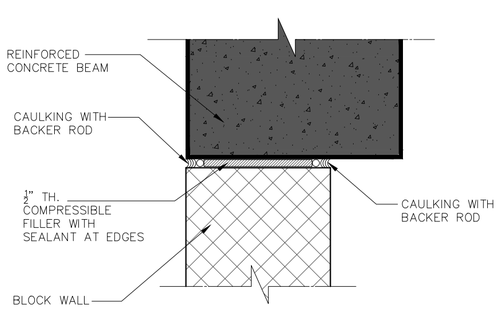
4 CRACK CONTROL JOINT IN PLASTER



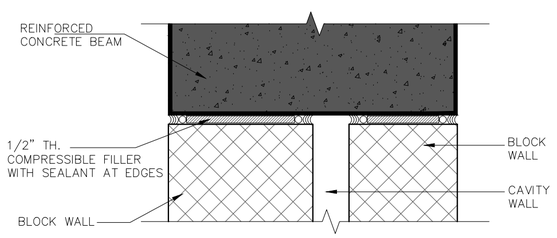
5 CRACK CONTROL JOINT IN PLASTER OUTWARD CORNER



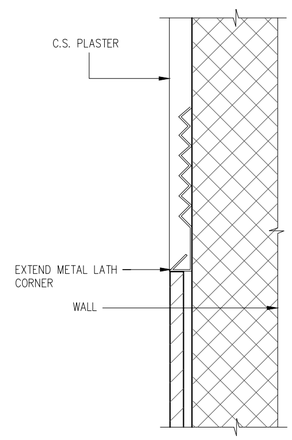
6 FLOOR MAT DETAIL



7 BEAM-BLOCK WALL CONNECTION



8 BEAM-BLOCK WALL CONNECTION WITH CAVITY



9 PLASTER EDGE CONDITION DETAIL

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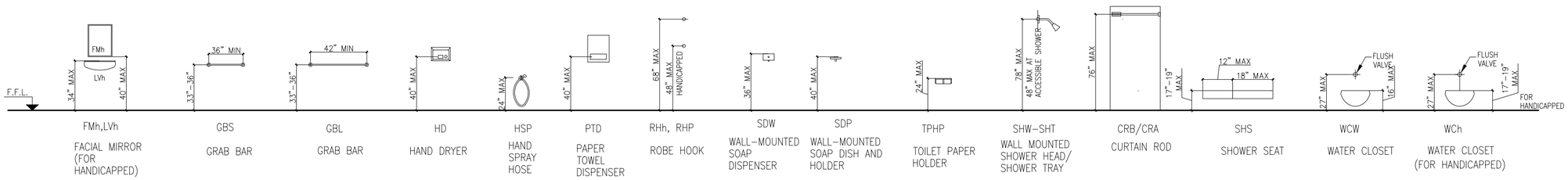
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TYPICAL DETAILS - 1

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DRAWING NO. NICEEC-REB-TD-03- A702	REVISION: 00

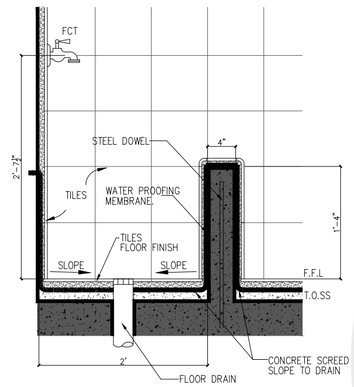
PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



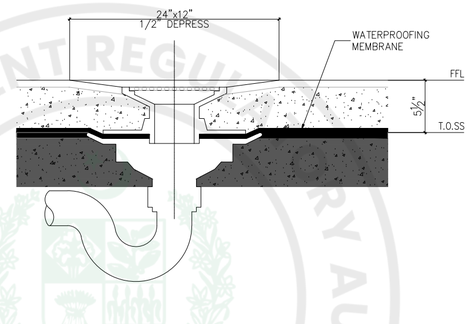
1 TOILET FIXTURES & ACCESSORIES MOUNTING HEIGHTS DETAIL

ITEM	DESCRIPTION	REMARKS
FMS,LVW	FACIAL MIRROR & LAVATORY	
FMh,LVh	FACIAL MIRROR (FOR HANDICAPPED)	
GBS	GRAB BAR	
GBL	GRAB BAR	
HD	HAND DRYER	
HSP	HAND SPRAY HOUSE	
PTD	PAPER TOWEL DISPENSER	
RHh,RHP	ROBE HOOK	
SDW	WALL–MOUNTED SOAP DISPENSER	
SDP	WALL–MOUNTED SOAP DISH AND HOLDER	
TPHP	TOILET PAPER HOLDER	
SHW–SHT	WALL MOUNTED SHOWER HEAD/ SHOWER TRAY	
CRB/CRA	CURTAIN ROD	
SHS	SHOWER SEAT	
WCW	WATER CLOSET	
WCh	WATER CLOSET (FOR HANDICAPPED)	

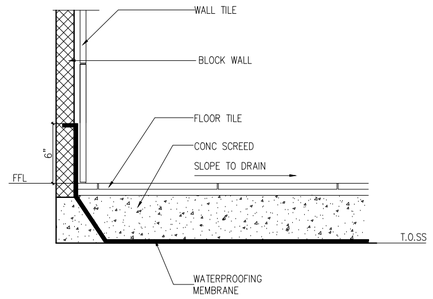
2 TOILET FIXTURES & ACCESSORIES SCHEDULE



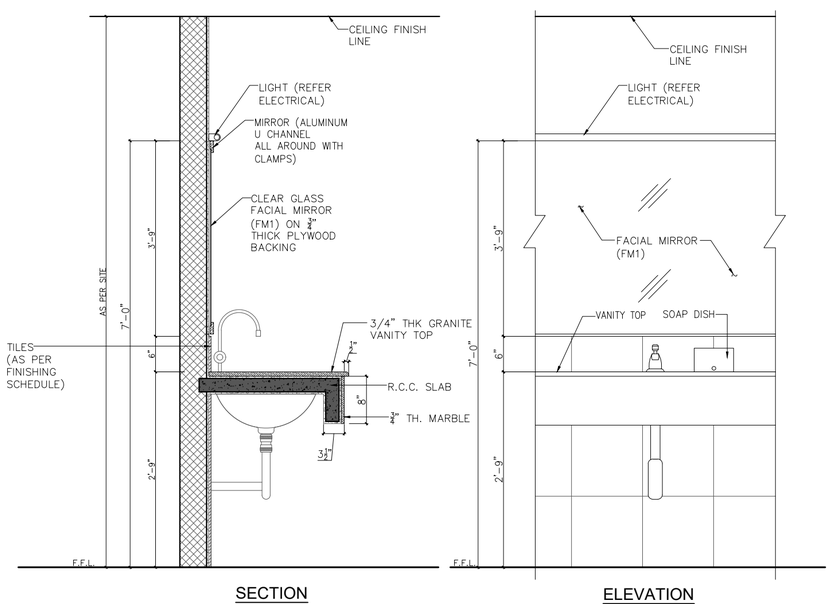
3 BUILT-IN JANITOR SINK DETAIL



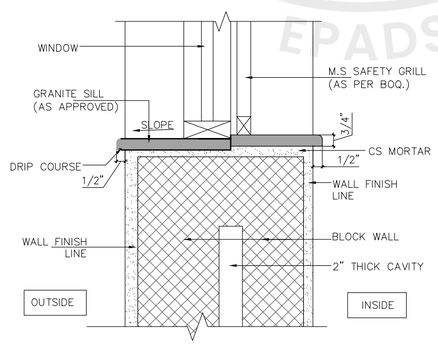
4 FLOOR DRAIN DETAIL



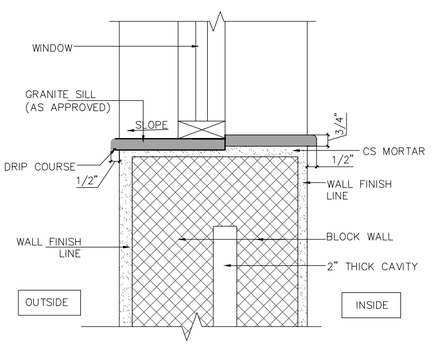
5 TOILET FLOOR TO WALL DETAIL



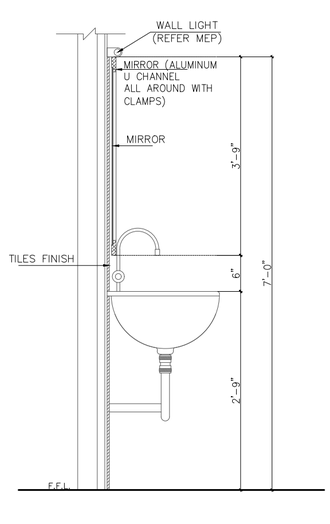
6 VANITY TOP DETAIL



7 TYPICAL WINDOW SILL DETAIL WITH SAFETY GRILL



8 TYPICAL WINDOW SILL DETAIL



9 TYPICAL HANDICAP VANITY DETAIL

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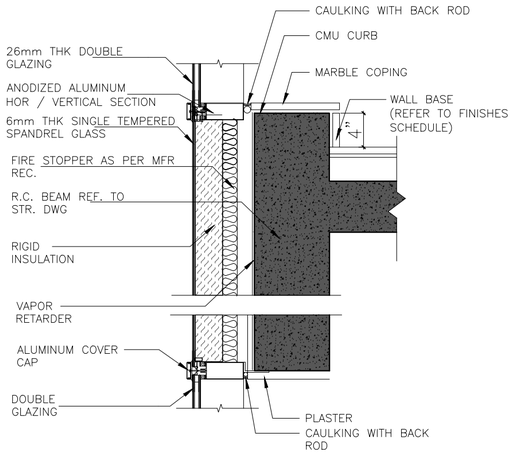
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TYPICAL DETAILS - 2

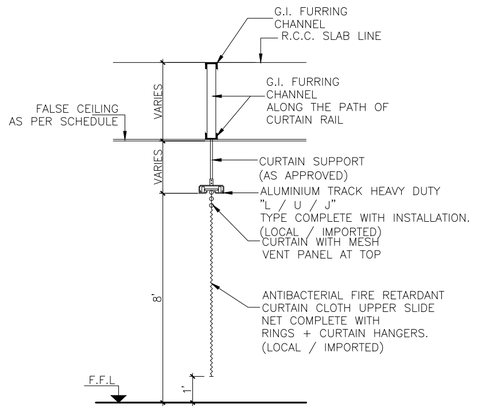
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DRAWING NO. NICEEC-REB-TD-03-A703	REVISION: 00

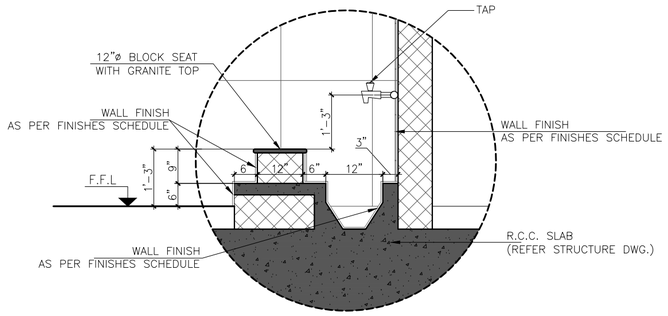
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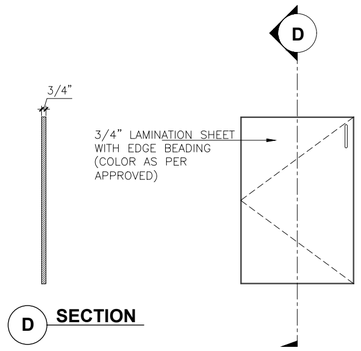
1 SPANDREL GLAZING DETAIL



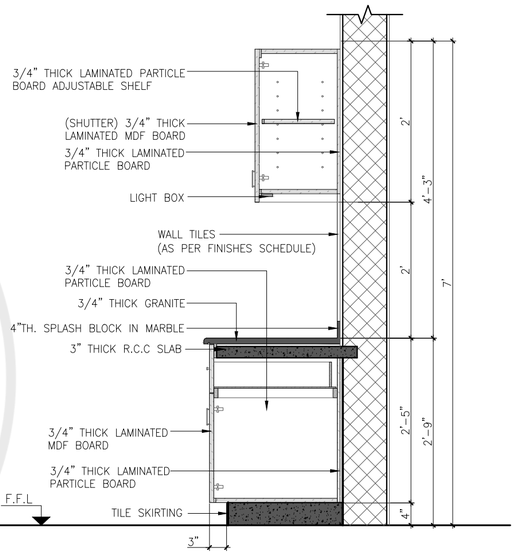
2 CURTAIN TRACK DETAIL



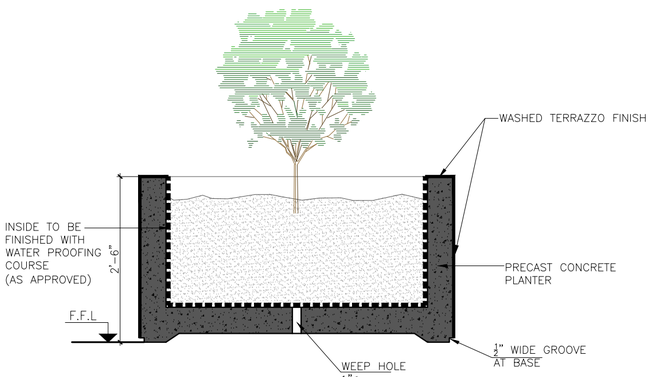
3 ABLUTION DETAIL



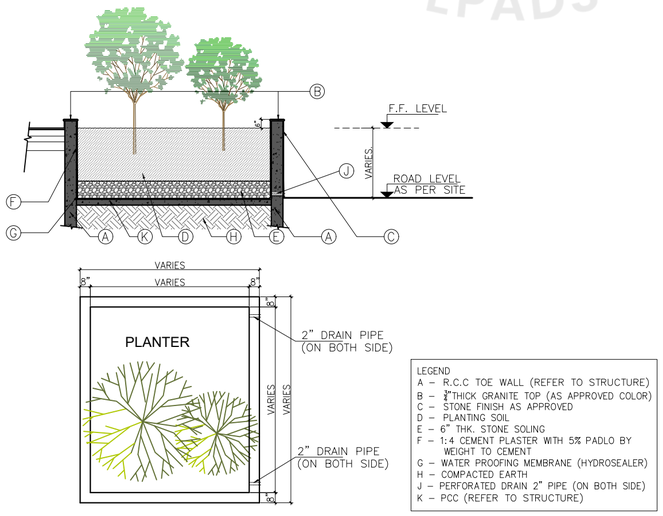
D SECTION



6 TYPICAL KITCHEN CABINET DETAIL



5 PLANTER DETAIL-01 (WHERE OCCUR)



7 PLANTER DETAIL-02 (WHERE OCCUR)

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CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

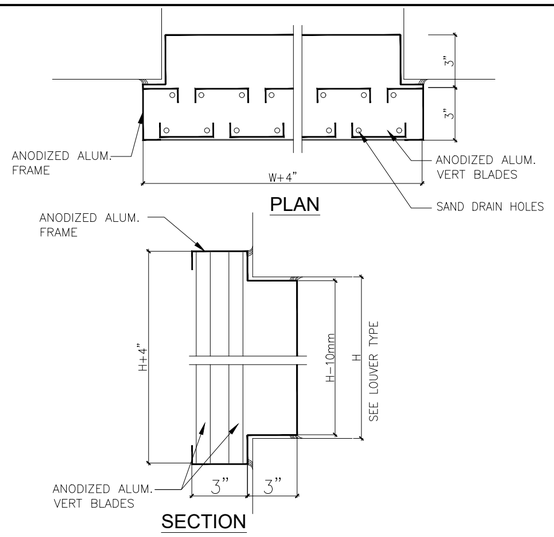
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TYPICAL DETAILS - 3

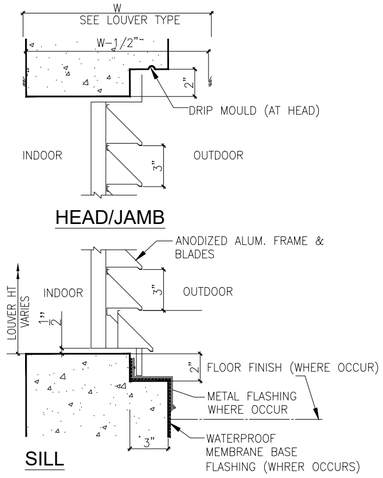
REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: N.T.S
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-TD-03A704	REVISION: 00

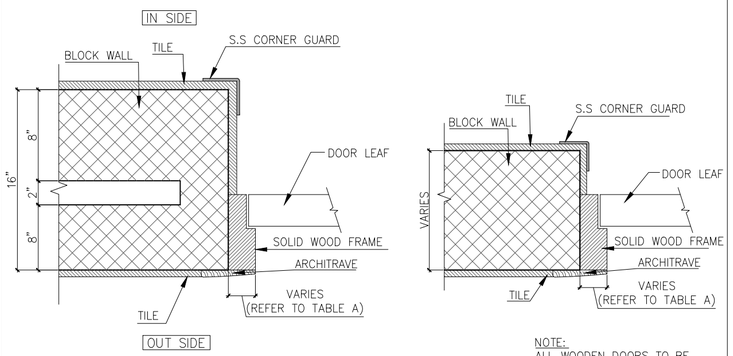
PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



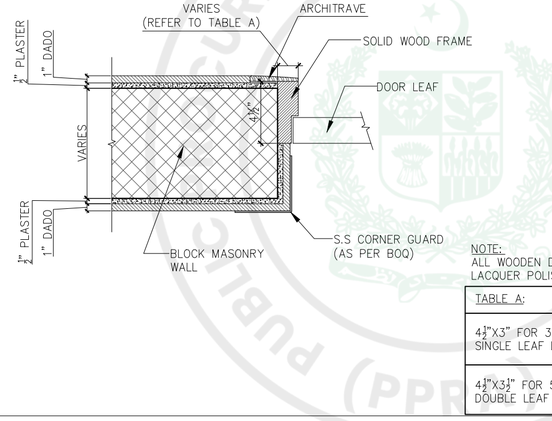
1 SAND TRAP LOUVER DETAIL (WHERE OCCURS)



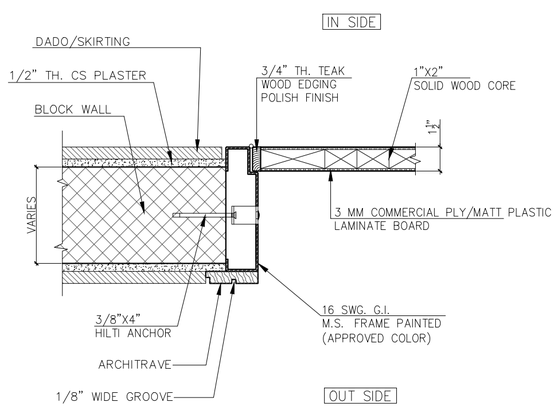
2 LOUVERED SCREEN DETAIL



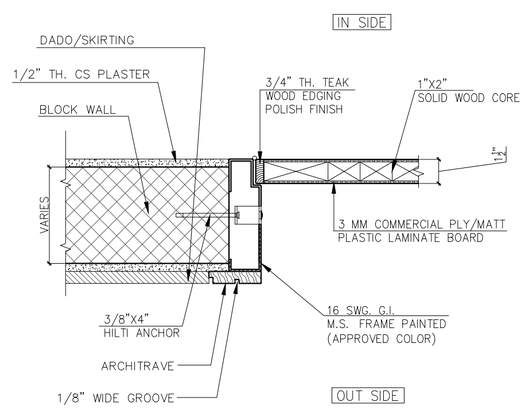
4 TYPICAL WOODEN DOOR FRAME



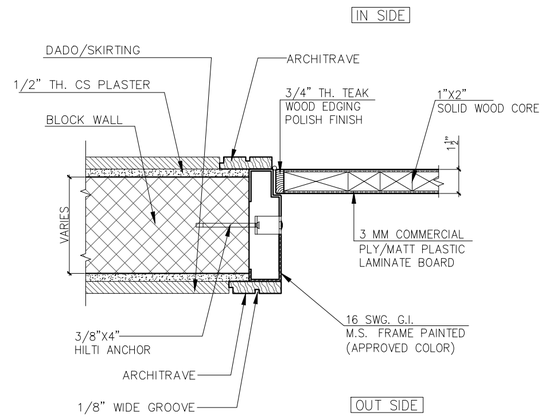
5 WOODEN DOOR FRAME (INTERNAL WALLS)



CASE 1



CASE 2



CASE 3

7 DIFFERENT CASE OF WOODEN DOORS WITH MS FRAME & ARCHITRAVE

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(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

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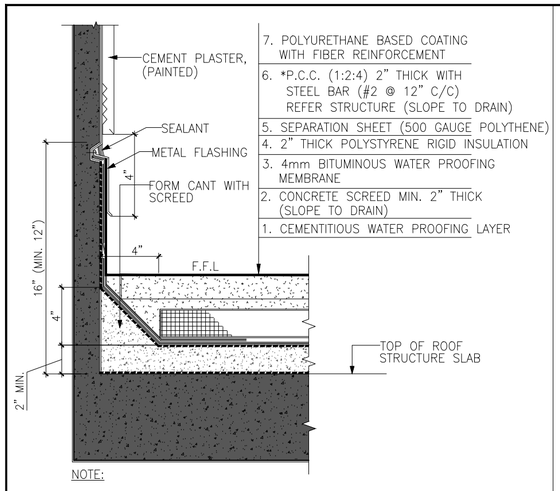
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TYPICAL DETAILS - 4

REV.	DATE	DESCRIPTION

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CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-TD-03A705	REVISION: 00

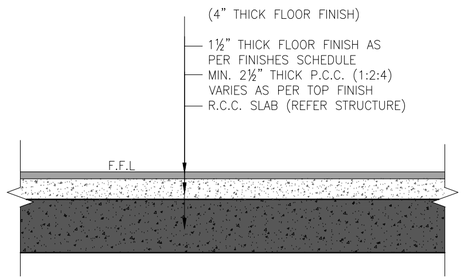
PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



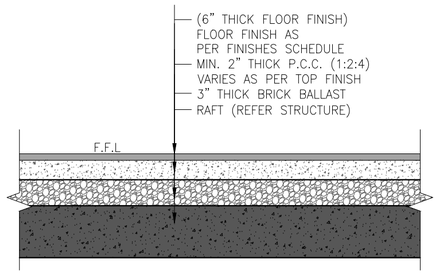
NOTE:

*P.C.C. TO BE TOWED IN PANELS NOT EXCEEDING 15'X15' AVERAGE. (TROWEL FINISH) (JOINTS TO BE FILLED BY PU BASED GROUT FOR WATER PROOFING)

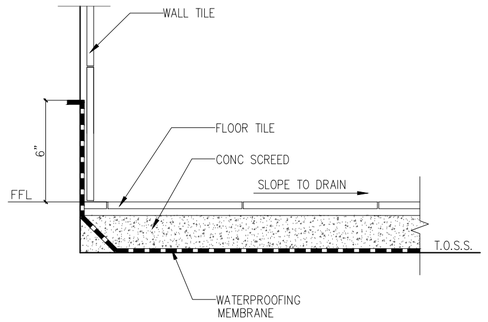
1 ROOF FINISH DETAIL



2 INTERMEDIATE FLOOR FINISH DETAIL (TYP.)



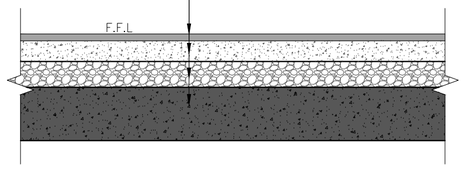
3 BASEMENT FLOOR FINISH DETAIL (TYP.)



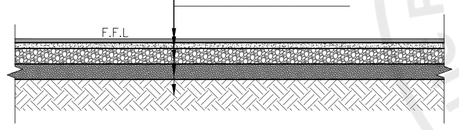
4 TOILET FLOOR FINISH DETAIL (TYP.)

GENERAL NOTES:

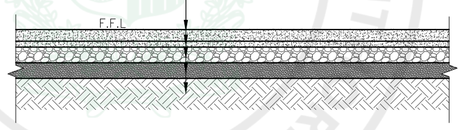
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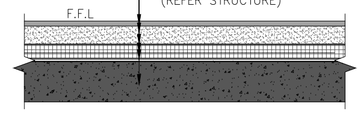
5 GROUND FLOOR FINISH DETAIL (SOG)



6 GROUND FLOOR FINISH DETAIL

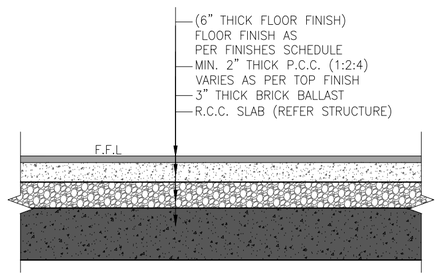


7 GROUND FLOOR FINISH DETAIL (SOG) FOR SUBSTATION & WAPDA METERING ROOM

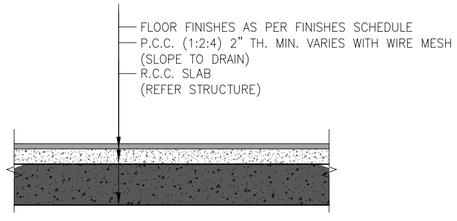


NOTE:
SCREED TO BE TOWED IN PANELS NOT EXCEEDING 15'X15'

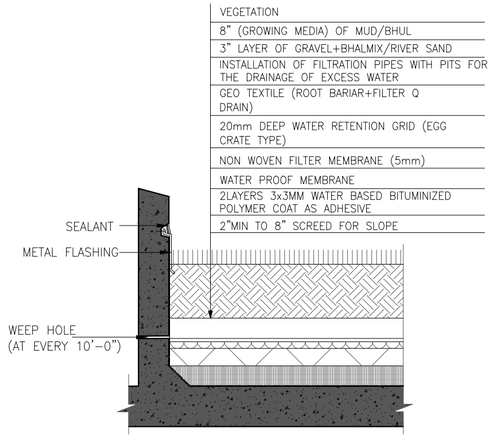
8 MINI ROOF/ TERRACE FLOOR FINISH DETAIL (TYP.)



9 INTERMEDIATE FLOOR FINISH DETAIL (TYP.)



10 BALCONY FLOOR FINISH DETAIL (TYP.)



11 ROOF GARDEN FINISH DETAIL

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

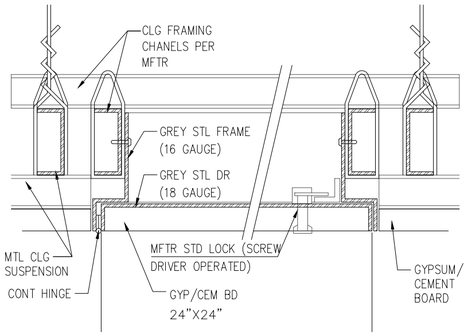
DRAWING TITLE:

TYPICAL DETAILS - 5

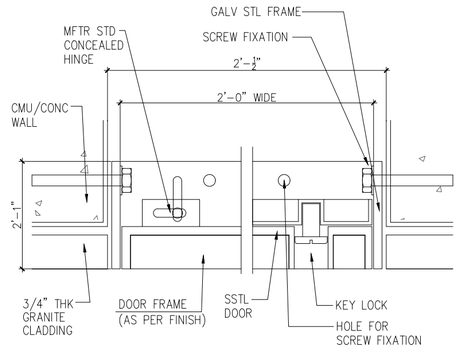
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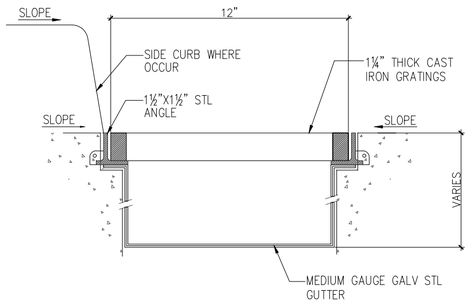
PROCUREMENT REGULATORY AUTHORITY (PPRA) PUBLIC



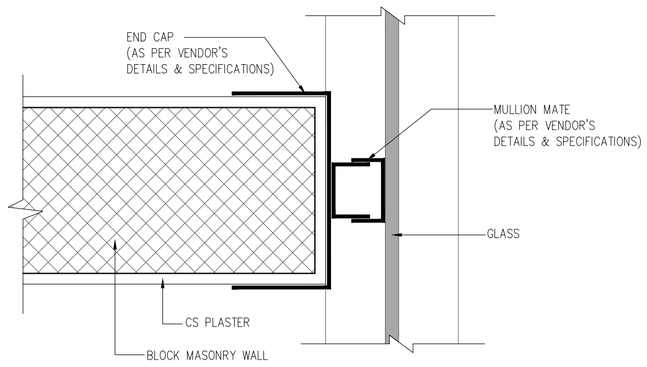
1 CEILING ACCESS DOOR DETAIL



2 SHAFT ACCESS DOOR DETAIL

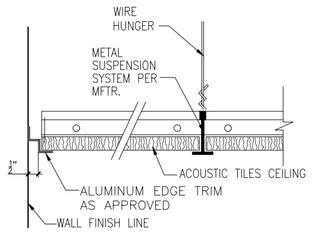


3 CAST IRON GRATING DETAIL (WHERE OCCURS)

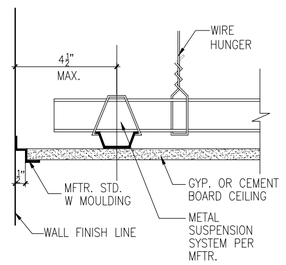


MASONRY WALL TO WINDOW GLASS GAP CLOSURE DETAIL

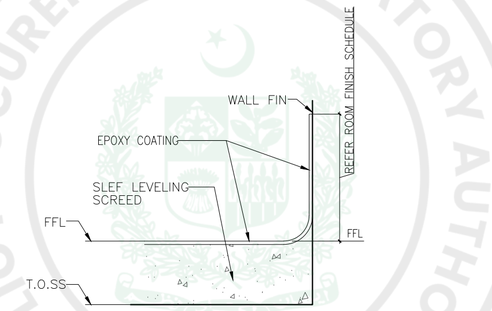
4 MASONRY WALL TO WINDOW GLASS GAP CLOSURE DETAIL



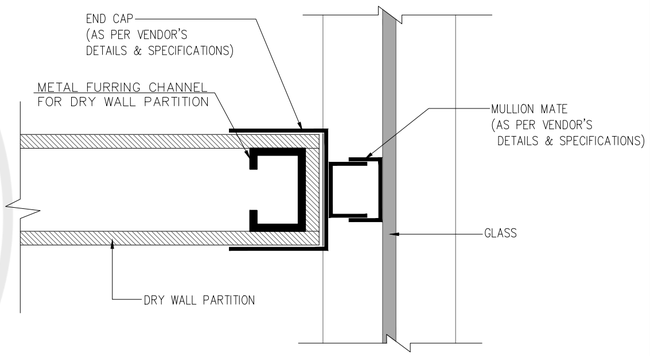
5 ACOUSTIC TILES CEILING TO WALL DETAIL -I



6 GYPSUM OR CEMENT BOARD CEILING TO WALL DETAIL

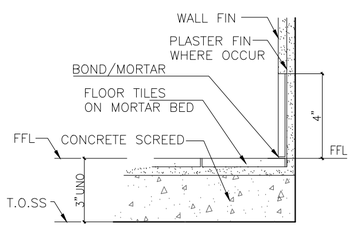


7 EPOXY COATING FLOOR TO WALL DETAIL (WHERE OCCURS)

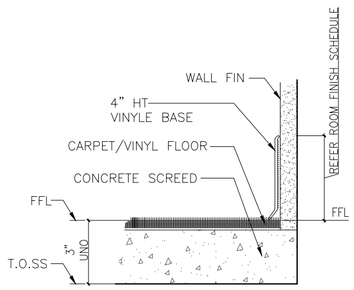


DRY WALL PARTITION TO WINDOW GLASS GAP CLOSURE DETAIL

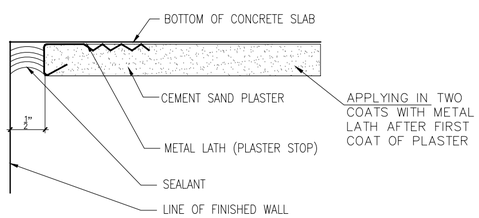
8 DRY WALL PARTITION TO WINDOW GLASS GAP CLOSURE DETAIL



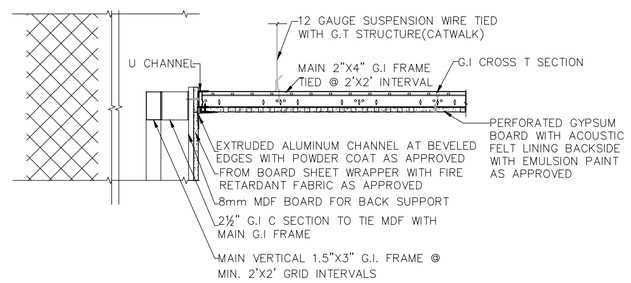
9 PORCELAIN TO PORCELAIN FLOOR TO WALL DETAIL



10 CARPET/VINYL TO VINYL FLOOR TO WALL DETAIL



11 CEMENT PLASTER CEILING TO WALL DETAIL



12 ACOUSTIC TILES CEILING TO WALL DETAIL -II

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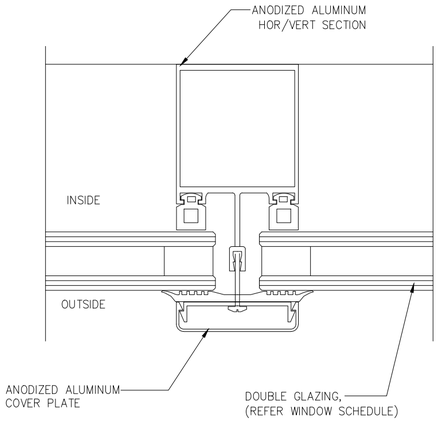
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TYPICAL DETAILS - 6

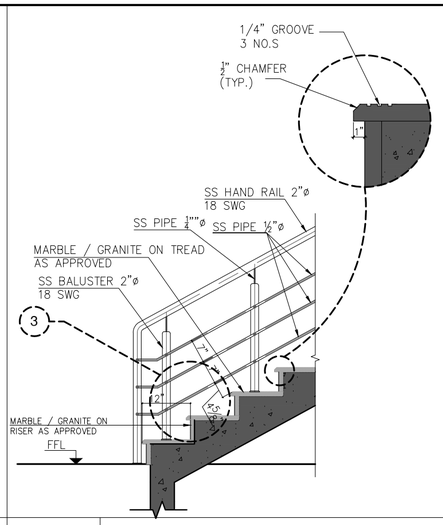
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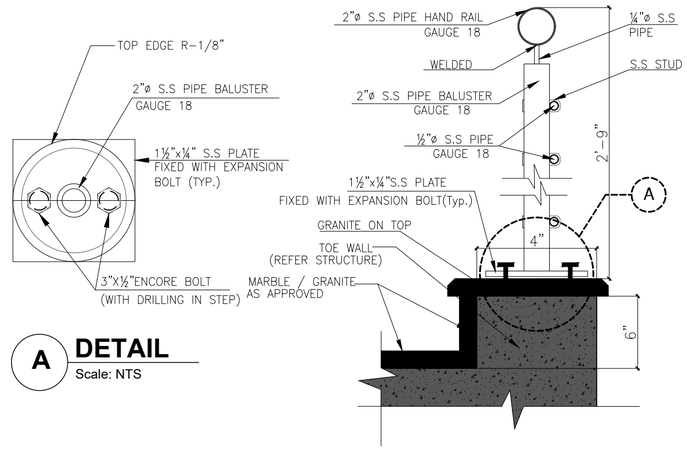
PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



1 TYPICAL HOR/VERT MULLEIN DETAIL

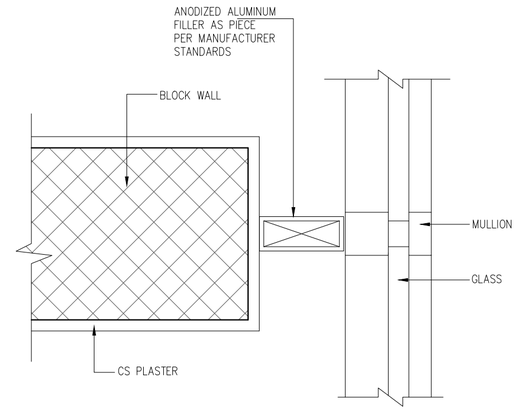


2 S.S STAIR RAILING DETAIL

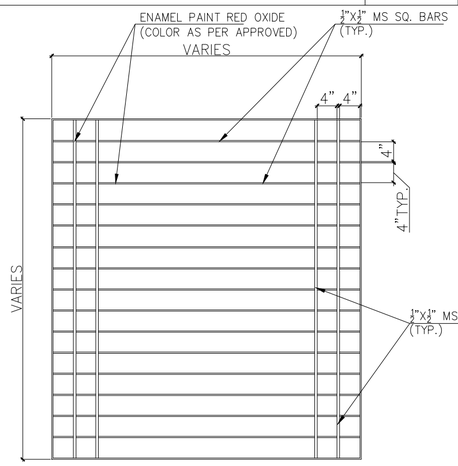


A **DETAIL**
Scale: NTS

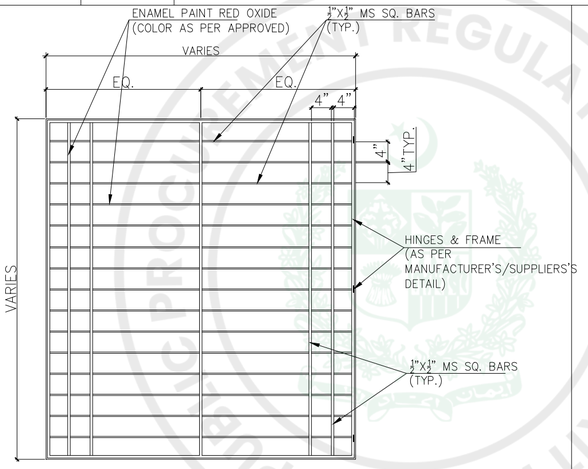
3 S.S BALUSTER FIXING DETAIL



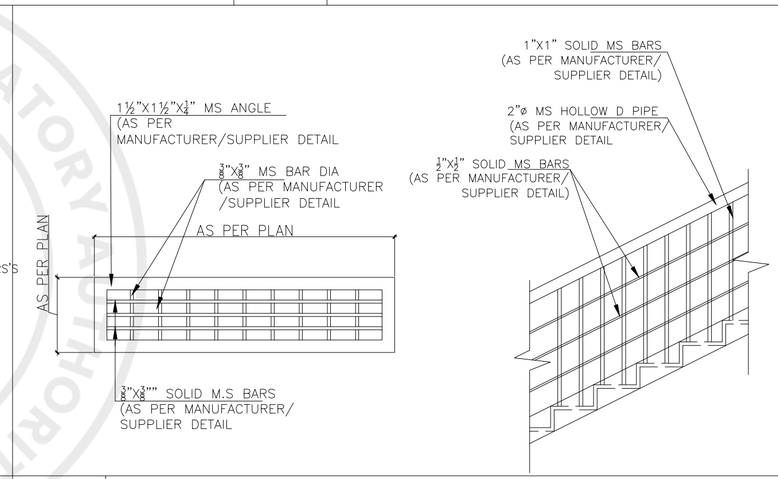
4 JOINT BLOCK WALL TO MULLION DETAIL



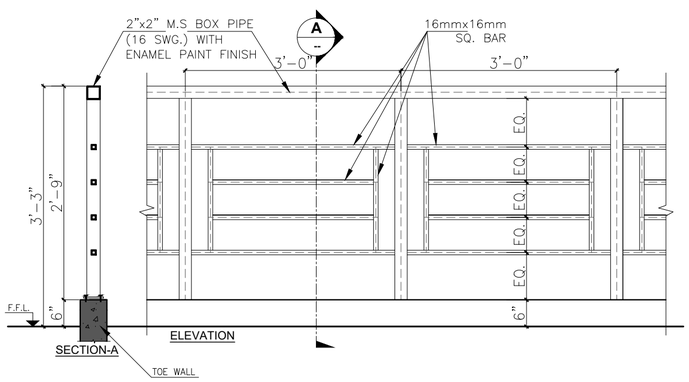
5 TYPICAL SECURITY GRILL DETAIL (FIX TYPE)



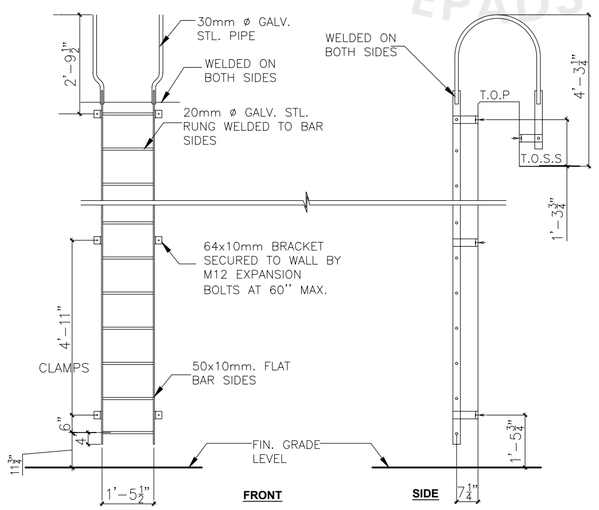
6 TYPICAL SECURITY GRILL DETAIL (OPENABLE)



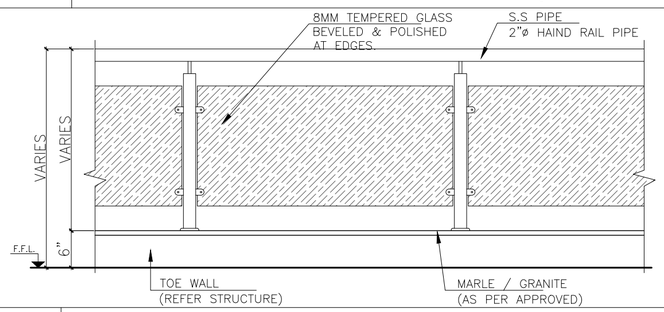
7 M.S STAIR STEP & RAILING DETAIL (FIRE EXIT)



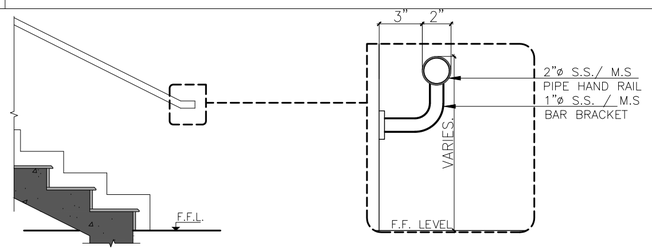
8 M.S RAILING DETAIL



9 STEEL LADDER DETAIL



10 GLASS RAILING DETAIL



11 S.S / M.S HAND RAIL DETAIL

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(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

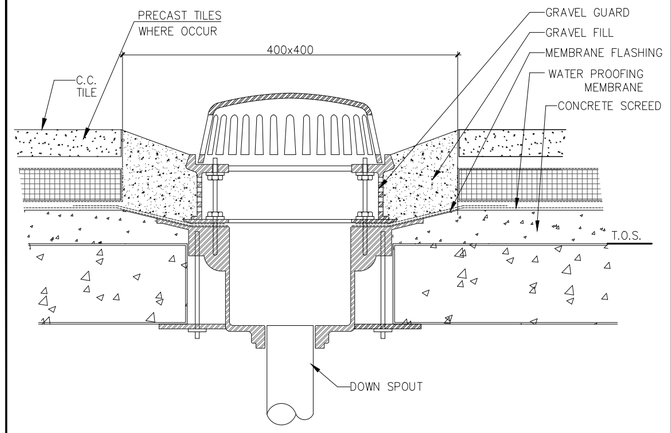
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TYPICAL DETAILS - 7

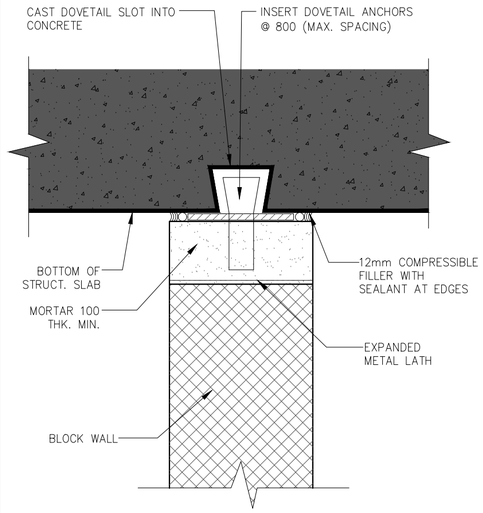
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DRAWING NO. NICEEC-REB-TD-03A708	REVISION: 00

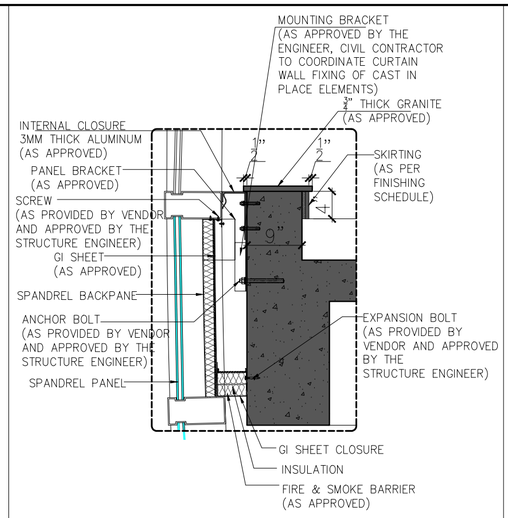
EPADS



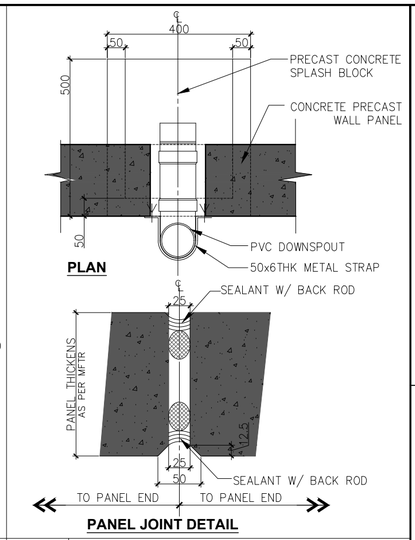
1 ROOF DRAIN DETAIL



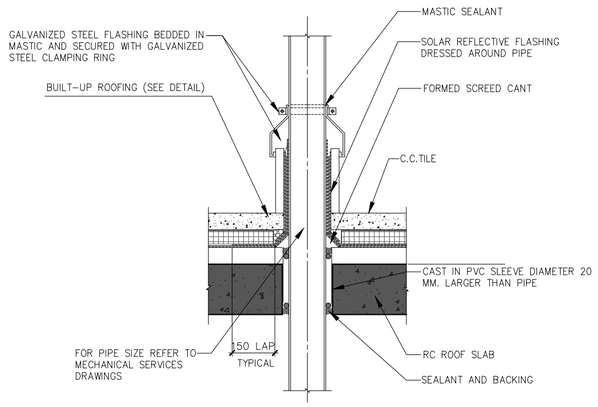
2 FIRE WALL/R.C. SLAB CONNECTION DETAIL



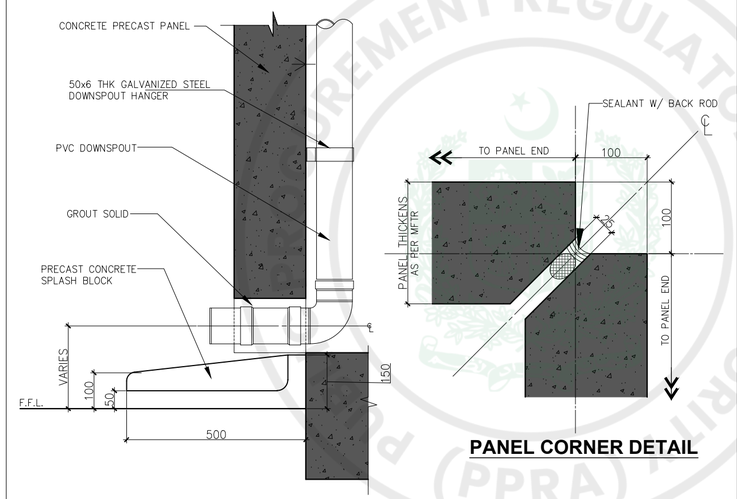
2a FIRE BARRIER DETAIL



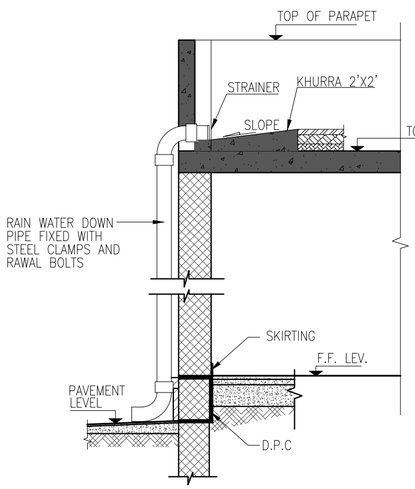
3 PRECAST JOINT DETAIL



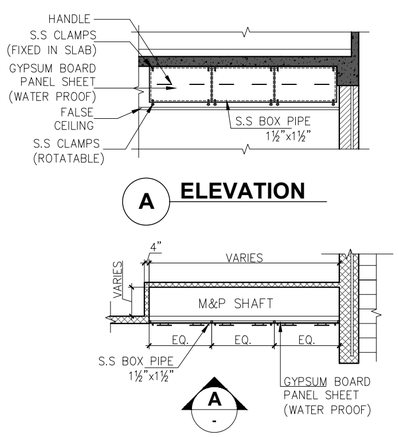
4 PIPE THROUGH ROOF SLAB DETAIL



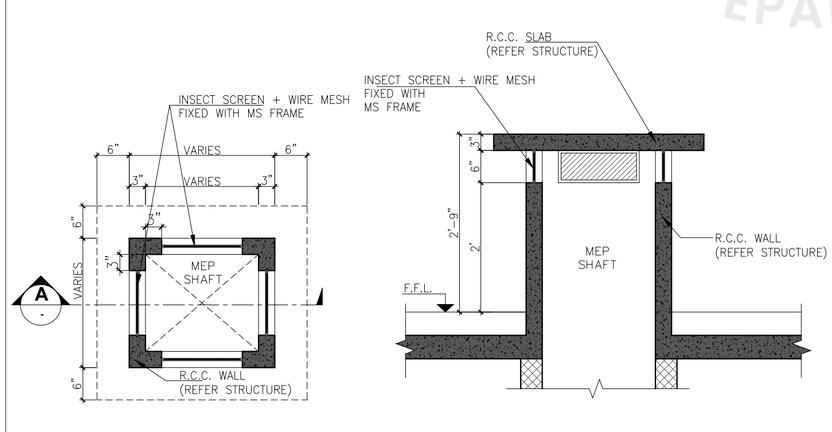
5 SPLASH BLOCK DETAIL



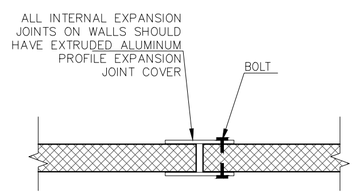
6 TYPICAL DETAIL RAIN WATER DOWN PIPE



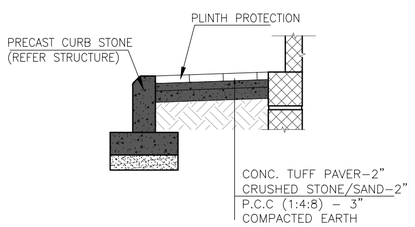
7 MEP SHAFT DETAIL



8 TYPICAL SHAFT DETAIL AT ROOF LEVEL



9 INTERNAL WALL EXPANSION JOINT COVER DETAIL



10 TYP. PLINTH PROTECTION DETAIL

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(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

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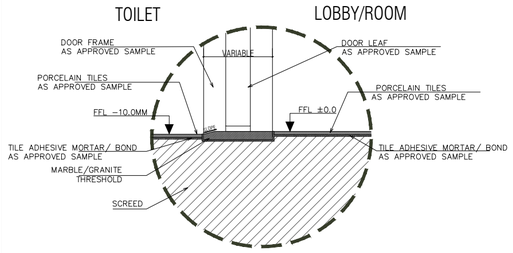
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TYPICAL DETAILS - 8

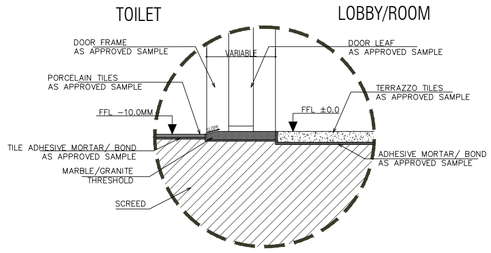
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CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-TD-03-A709	REVISION: 00

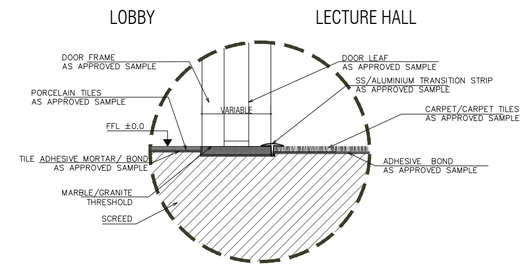
PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



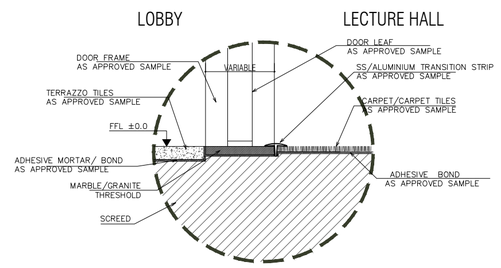
1 **PORCELAIN TO PORCELAIN (BATH)**



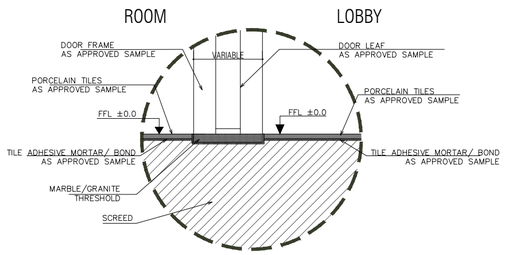
2 **PORCELAIN TO TERRAZZO (BATH)**



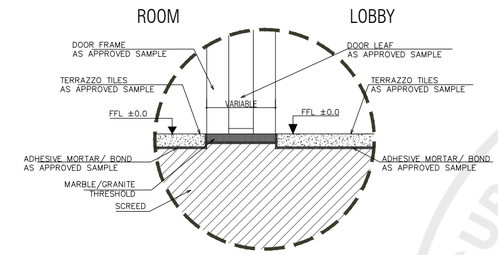
3 **PORCELAIN TO CARPET**



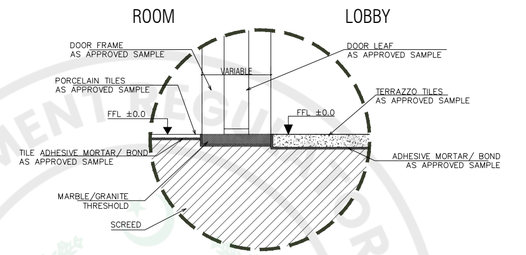
4 **TERRAZZO TO CARPET**



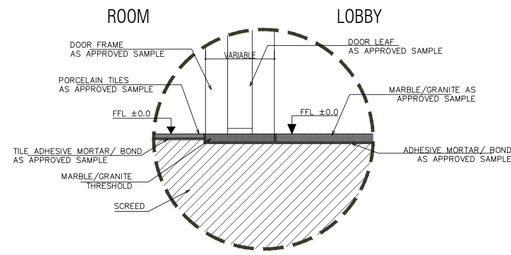
5 **PORCELAIN TO PORCELAIN**



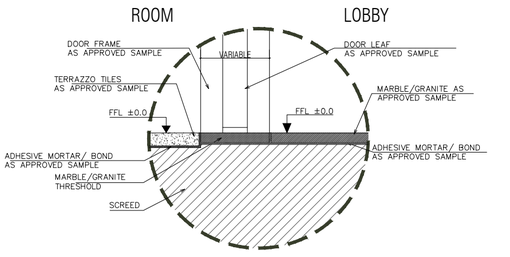
6 **TERRAZZO TO TERRAZZO**



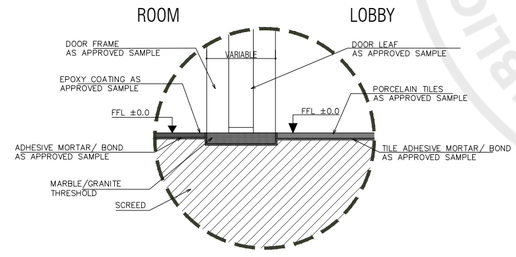
7 **PORCELAIN TO TERRAZZO**



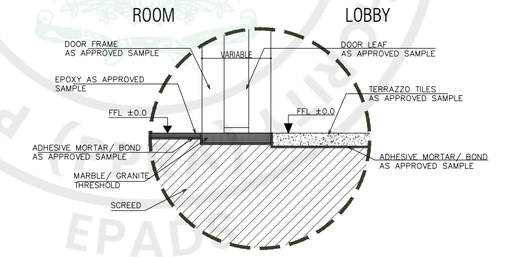
8 **PORCELAIN TO MARBLE/GRANITE**



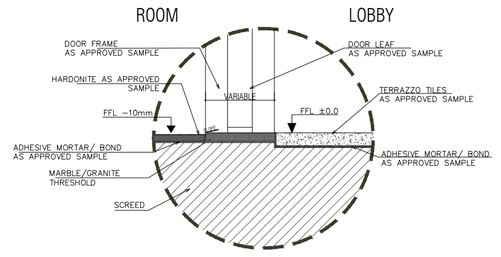
9 **TERRAZZO TO MARBLE/GRANITE**



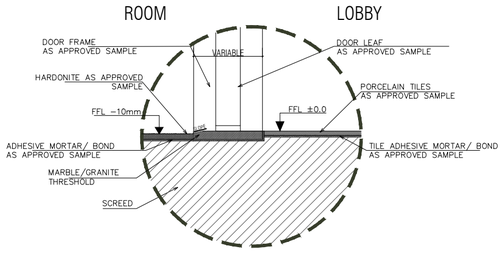
10 **EPOXY COATING TO PORCELAIN**



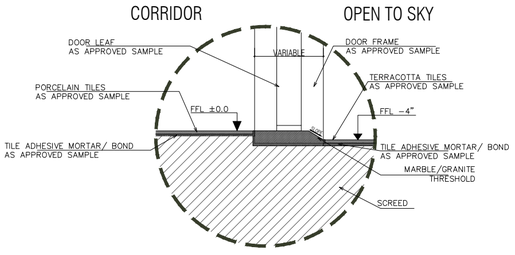
11 **EPOXY COATING TO TERRAZZO**



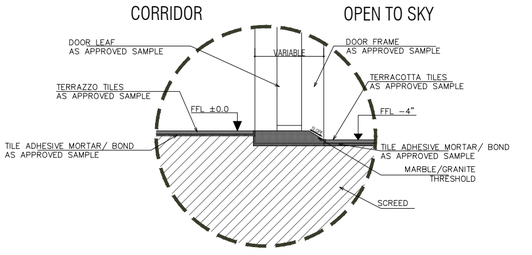
12 **HARDONITE TO TERRAZZO**



13 **HARDONITE TO PORCELAIN**



14 **HARDONITE TO TERRACOTTA (OPEN TO SKY)**



15 **TERRAZZO TO TERRACOTTA (OPEN TO SKY)**

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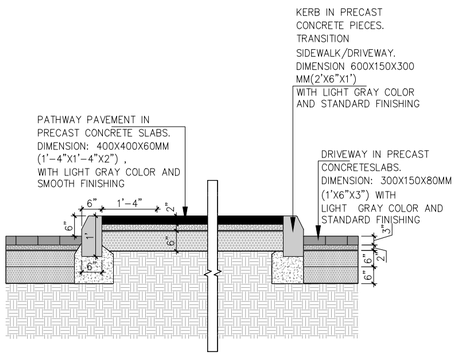
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THRESHOLD DETAILS (TYP.)

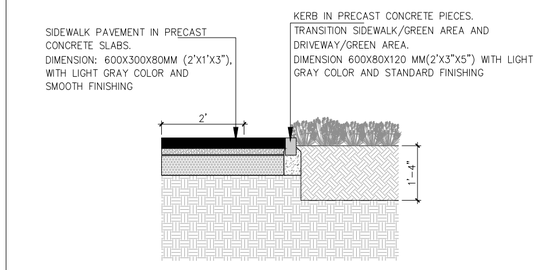
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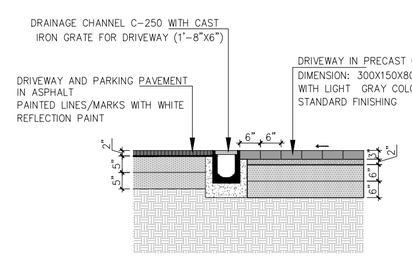
e-Pak Acquisition and Disposal System (EPADS) generated document | © 2026



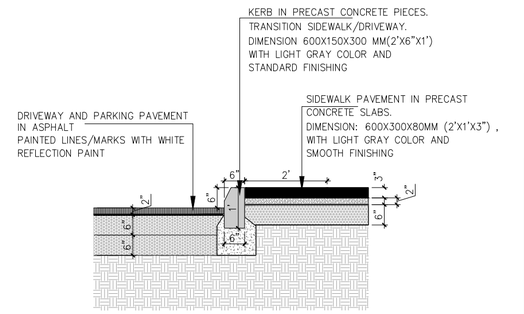
1 TRANSITION DRIVEWAY/ SEPARATOR



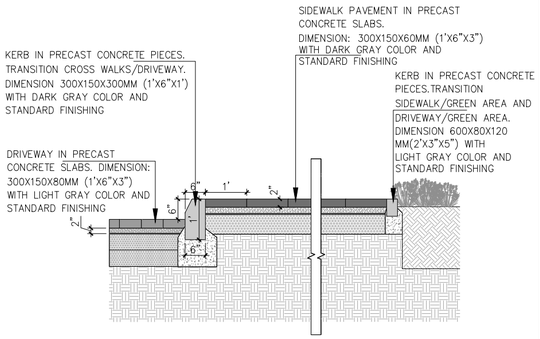
2 TRANSITION SIDE WALK / GREEN AREA



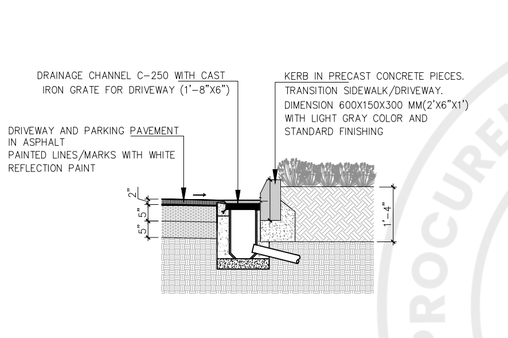
3 TRANSITION EXTERNAL ROAD / ENTRANCE (WITH DRAINAGE CHANNEL)



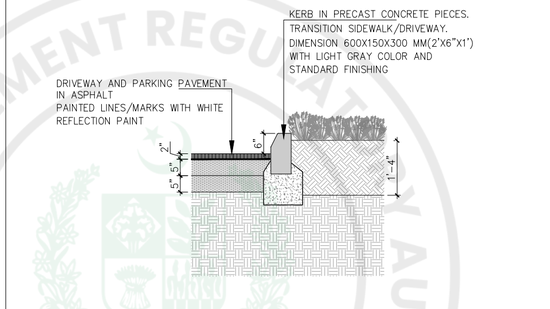
4 TRANSITION DRIVEWAY/ SIDEWALK



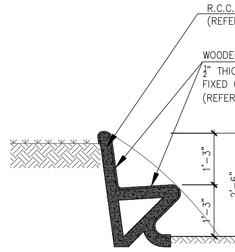
5 TRANSITION DRIVEWAY / SIDEWALK / GREEN AREA



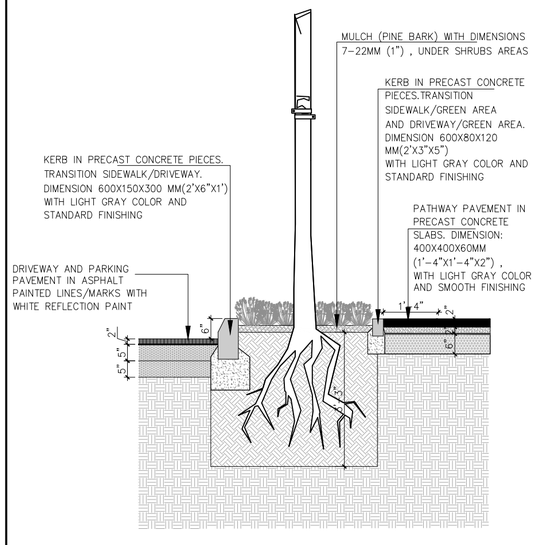
6 TRANSITION ROAD / GREEN AREA (WITH STORM DRAIN)



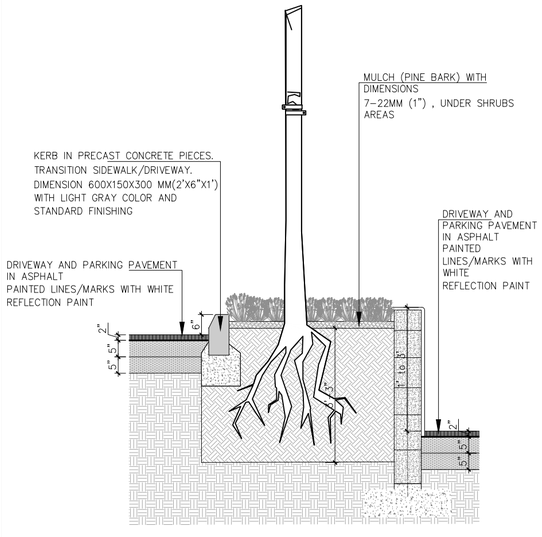
7 TRANSITION PARKING / GREEN AREA



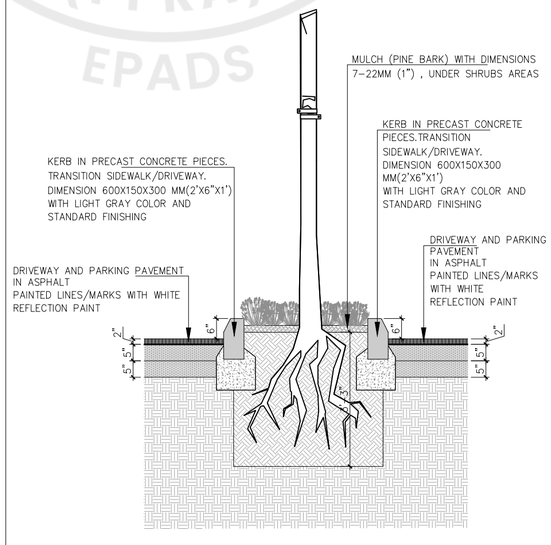
8 BENCH DETAIL



9 TRANSITION PARKING/ GREEN AREA



10 TRANSITION PARKING / GREEN AREA / DRIVEWAY RAMP



11 GREEN AREA IN PARKING

LANDSCAPE LEGEND"CUT PATTERNS"

LEGEND	DESCRIPTION
	CONCRETE - Solid
	CONCRETE - AR-Conc
	DEFINED IN STRUCTURE PROJECT - Ansi 31
	CONCRETE MASONRY UNITS - Ansi 37
	EXISTING ROAD - Ansi 32
	FILLING LAYER - Ansi 36
	COMPACTED NATURAL SOIL - Earth
	PLANTING SOIL - Earth
	ALVEOLAR AGGREGATE SUB-BASE - Hex & Line
	AGGREGATE SUB-BASE - Hex
	FIXING SAND - Ar Sand
	MULCH (PINE BARK) - Ar Rshck
	POND / WATER - Dash
	WATERPROOFING AND BASE PROTECTION - Zigzag
	GEOTEXTILE - Continuos
	GEOTEXTILE WRAPPED DRAIN - Continuos circle

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PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

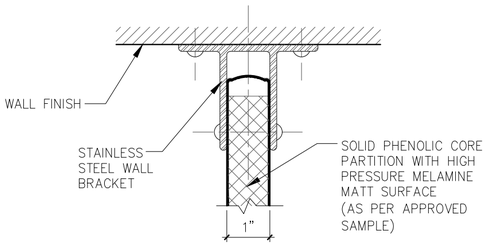
DRAWING TITLE:

MISC. SITE / LANDSCAPE DETAILS

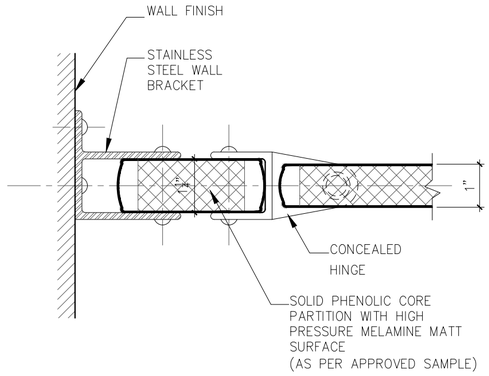
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CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-TD-03-A711	REVISION: 00

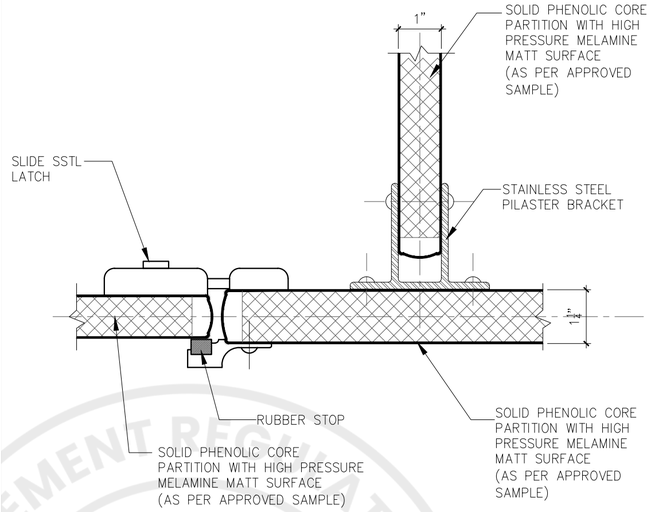
PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



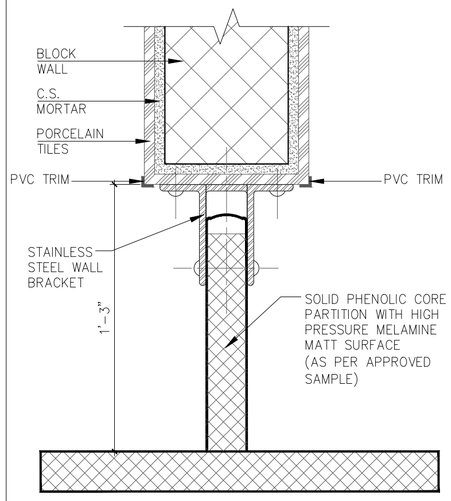
A **DETAIL**



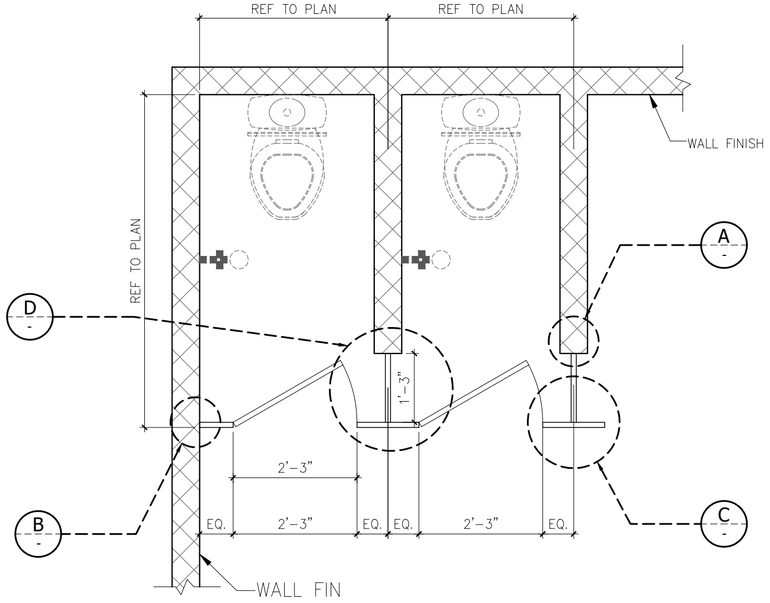
B **DETAIL**



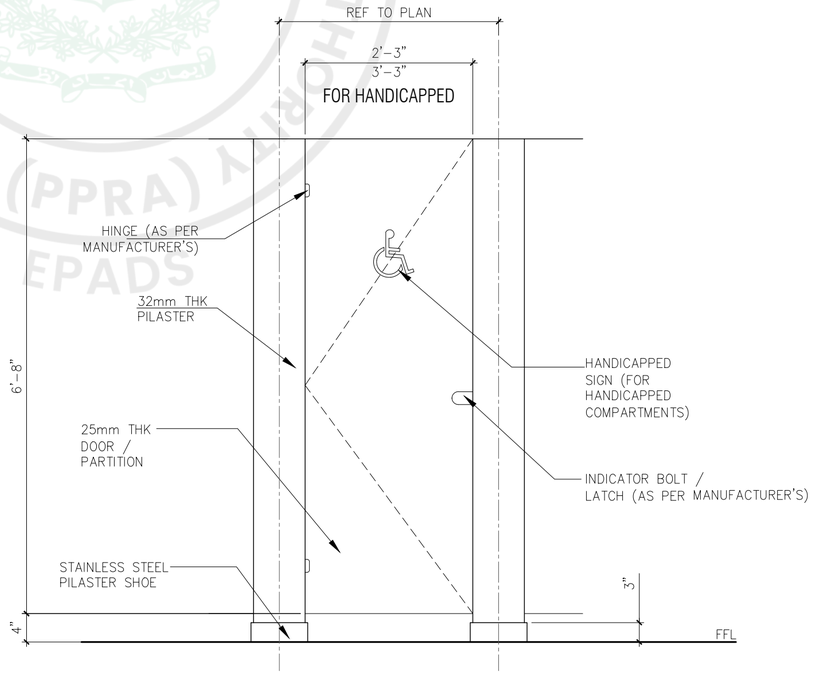
C **DETAIL**



D **DETAIL**



PLAN



ELEVATION

1 **TYPICAL TOILET PARTITION DETAIL**

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN FEET/INCHES, UNLESS OTHERWISE NOTED.
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PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

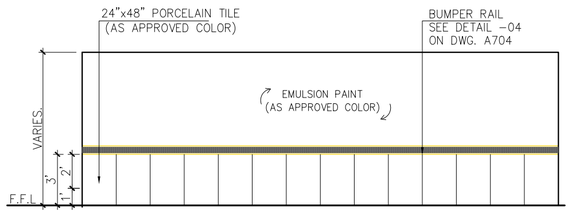
DRAWING TITLE:

TOILET PARTITION DETAILS (TYP.)

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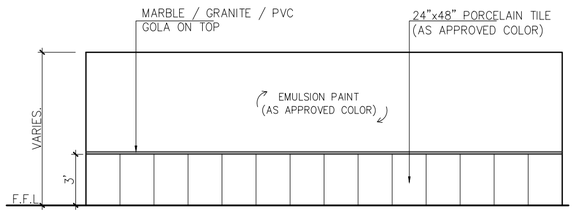
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DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-TD-03-A712	REVISION: 00

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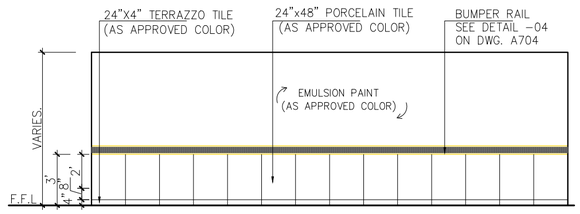
WALL	PORCELAIN TILE + BUMPER RAIL + EMULSION PAINT
FLOOR	PORCELAIN TILE
SKIRTING	-

1 DADO DETAIL



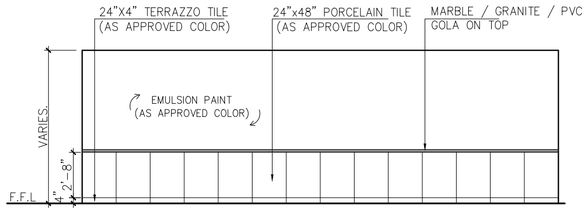
WALL	PORCELAIN TILE + MARBLE / GRANITE / PVC GOLA + EMULSION PAINT
FLOOR	PORCELAIN TILE
SKIRTING	-

2 DADO DETAIL



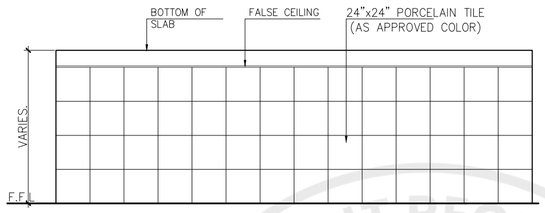
WALL	PORCELAIN TILE + BUMPER RAIL + EMULSION PAINT
FLOOR	PORCELAIN TILE
SKIRTING	TERRAZZO TILE

3 DADO DETAIL



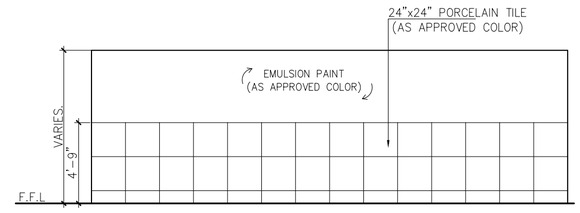
WALL	PORCELAIN TILE + MARBLE / GRANITE / PVC GOLA + EMULSION PAINT
FLOOR	PORCELAIN TILE
SKIRTING	TERRAZZO TILE

4 DADO DETAIL



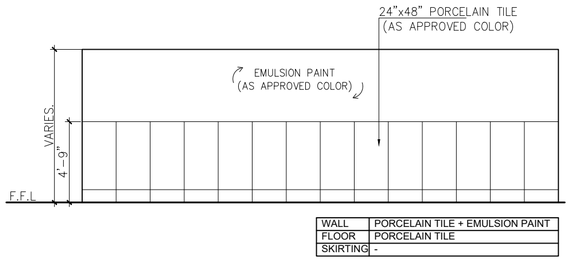
WALL	PORCELAIN TILE
FLOOR	PORCELAIN TILE
SKIRTING	-

5 DADO DETAIL



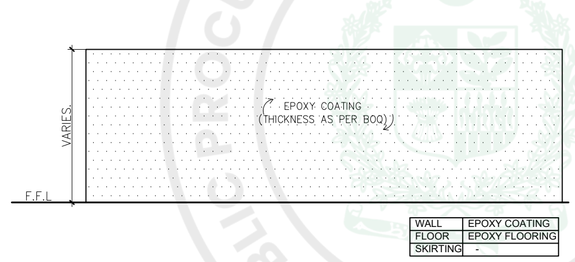
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FLOOR	PORCELAIN TILE
SKIRTING	-

6 DADO DETAIL



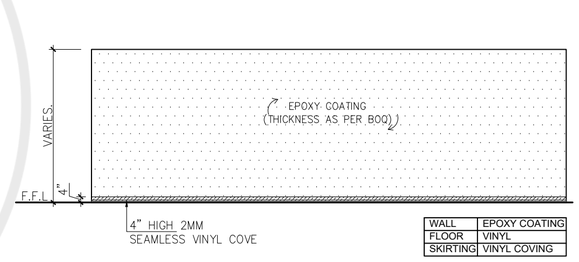
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FLOOR	PORCELAIN TILE
SKIRTING	-

7 DADO DETAIL



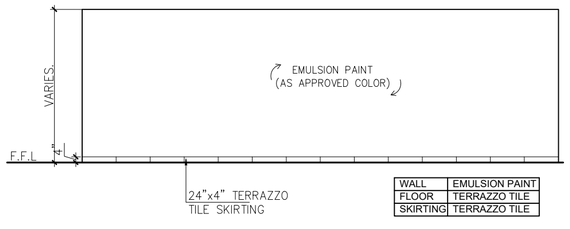
WALL	EPOXY COATING
FLOOR	EPOXY FLOORING
SKIRTING	-

8 DADO DETAIL



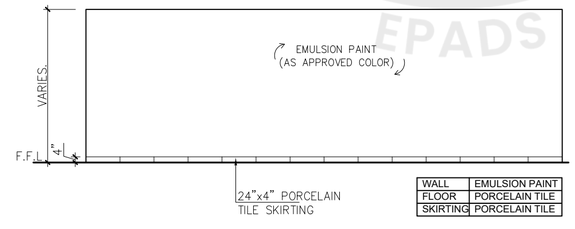
WALL	EPOXY COATING
FLOOR	VINYL
SKIRTING	VINYL COVING

9 DADO DETAIL



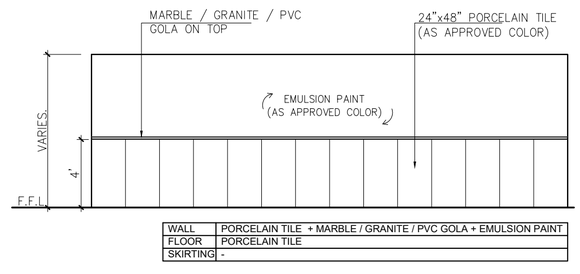
WALL	EMULSION PAINT
FLOOR	TERRAZZO TILE
SKIRTING	TERRAZZO TILE

10 DADO DETAIL



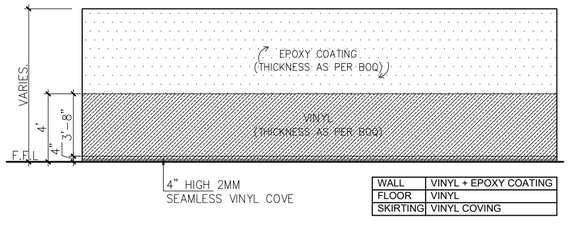
WALL	EMULSION PAINT
FLOOR	PORCELAIN TILE
SKIRTING	PORCELAIN TILE

11 DADO DETAIL



WALL	PORCELAIN TILE + MARBLE / GRANITE / PVC GOLA + EMULSION PAINT
FLOOR	PORCELAIN TILE
SKIRTING	-

12 DADO DETAIL



WALL	VINYL + EPOXY COATING
FLOOR	VINYL
SKIRTING	VINYL COVING

13 DADO DETAIL

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(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

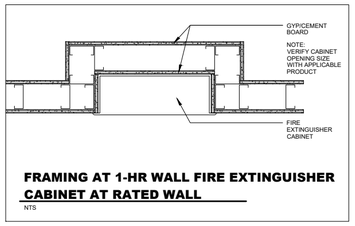
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TYPICAL DADO DETAILS

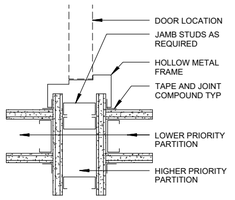
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DRAWING NO. NICEEC-REB-TD-03-A713	REVISION: 00

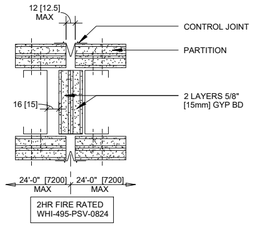
PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



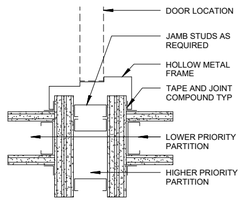
FRAMING AT 1-HR WALL FIRE EXTINGUISHER CABINET AT RATED WALL
NTS



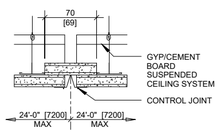
INTERSECTION AT CROSS CORRIDOR DOOR
3" = 1' - 0"



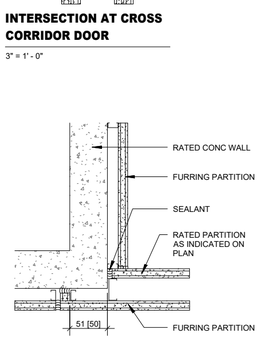
CONTROL JOINT
3" = 1' - 0"



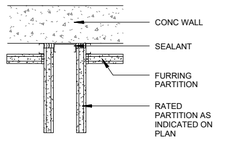
INTERSECTION AT CROSS CORRIDOR DOOR
3" = 1' - 0"



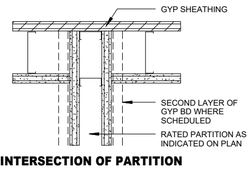
CONTROL JOINT FOR GYPSUM BOARD CEILING
3" = 1' - 0"



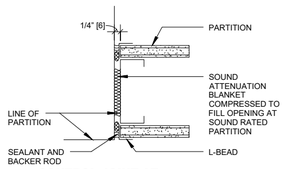
INTERSECTION AT CONCRETE WALL
3" = 1' - 0"



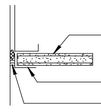
INTERSECTION OF PARTITION & CONCRETE
3" = 1' - 0"



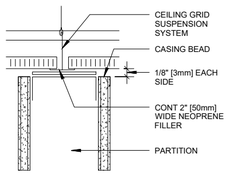
INTERSECTION OF PARTITION AT EXTERIOR WALL
3" = 1' - 0"



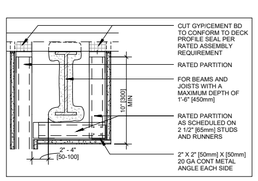
CONTROL JOINT AT PARTITION INTERSECTION CHANGE IN CONSTRUCTION
3" = 1' - 0"



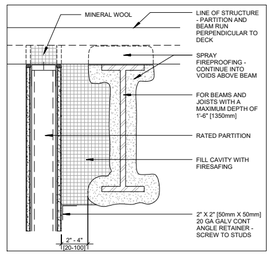
CONTROL JOINT AT PARTITION NON-EXPOSED EDGE
3" = 1' - 0"



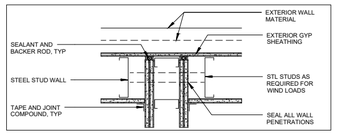
CONTROL JOINT AT PARTITION ATTACHMENT TO CEILING GRID
3" = 1' - 0"



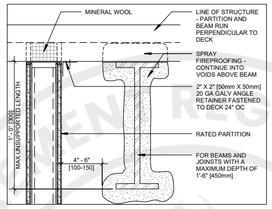
SECTION OF PARTITION ADJACENT TO BEAM
NTS



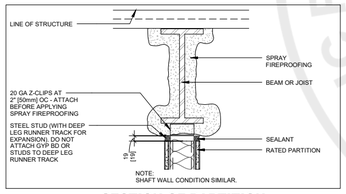
SECTION OF PARTITION ADJACENT TO BEAM
NTS



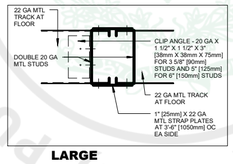
PLAN DETAIL AT FIRE AND/OR FIRE/SMOKE PARTITION AT EXTERIOR WALL
NTS



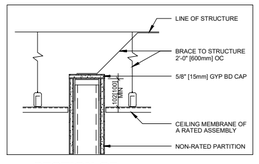
SECTION OF PARTITION ADJACENT TO BEAM
NTS



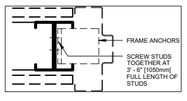
SECTION OF PARTITION UNDER BEAM
NTS



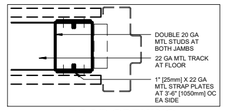
LARGE OPENING JAMB STUDS 04
NTS



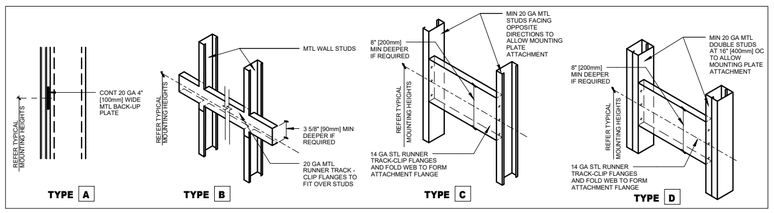
SECTION OF PARTITION AND CEILING
NTS

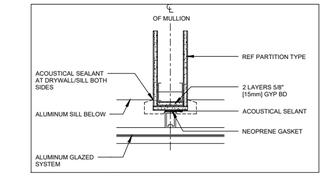


DOOR OPENING JAMB STUDS 06
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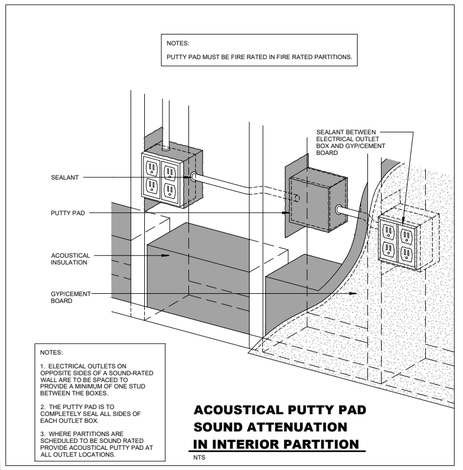


DOOR OPENING JAMB STUDS 05
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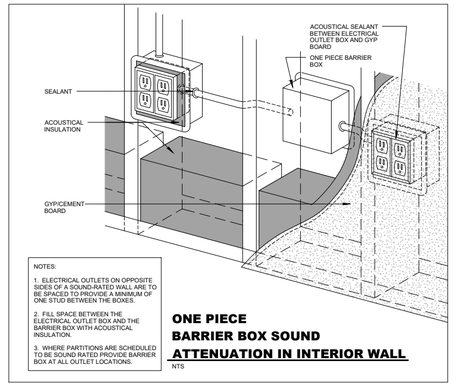




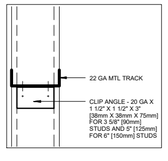
PLAN DETAIL AT PARTITION / MULLION
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ACOUSTICAL PUTTY PAD SOUND ATTENUATION IN INTERIOR PARTITION
NTS



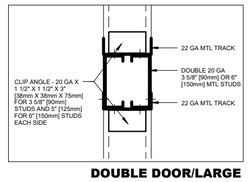
ONE PIECE BARRIER BOX SOUND ATTENUATION IN INTERIOR WALL
NTS



OPENING HEADER 03
NTS



DOOR OPENING HEADER 02
NTS



DOUBLE DOOR/LARGE OPENING HEADER 01
NTS

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PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

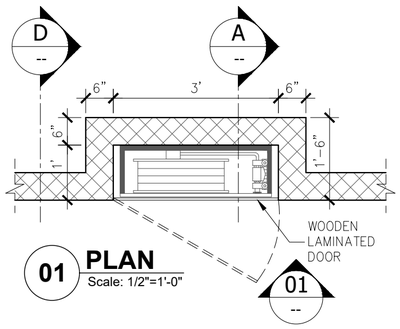
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DRY WALL FIXING DETAILS

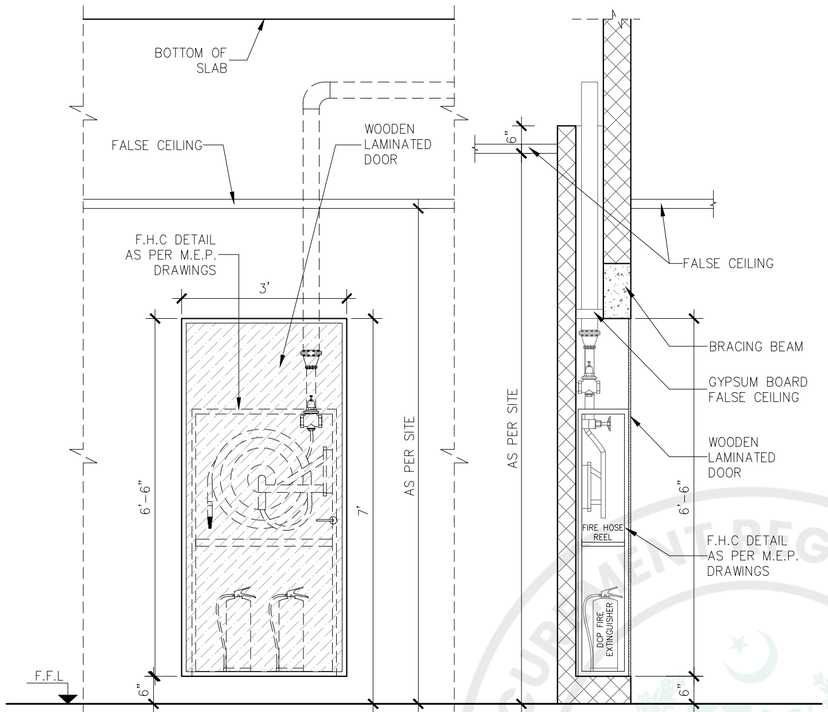
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DATE: OCTOBER, 2026	SCALE: AS SHOWN
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-TD-03-A714	REVISION: 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

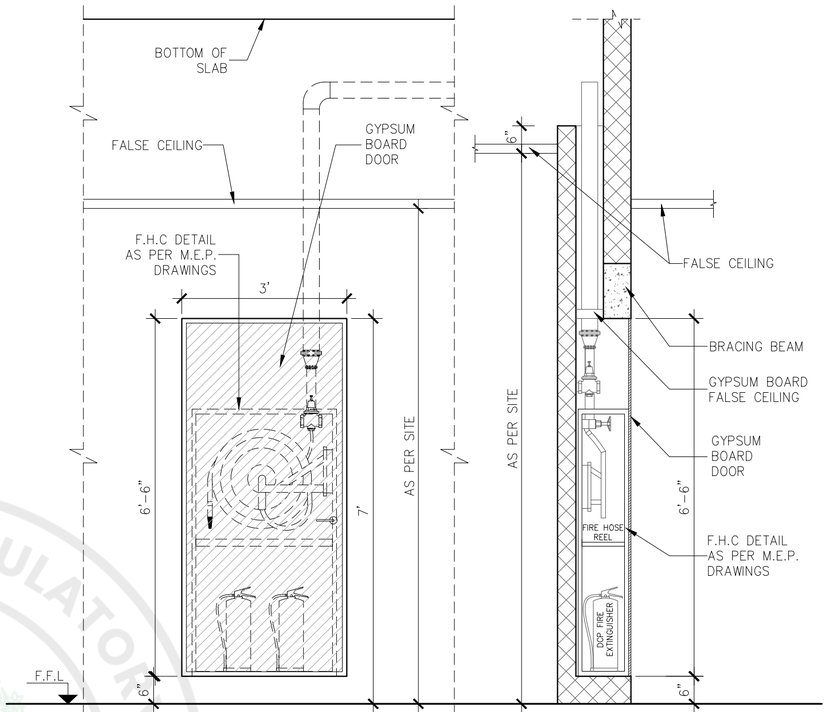


01 PLAN
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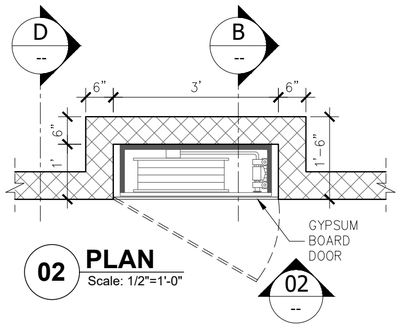
01 ELEVATION (WOODEN LAMINATED)
Scale: 1/2"=1'-0"

A SECTION
Scale: 1/2"=1'-0"

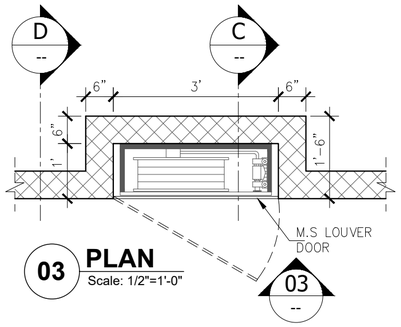


02 ELEVATION (GYPSUM BOARD)
Scale: 1/2"=1'-0"

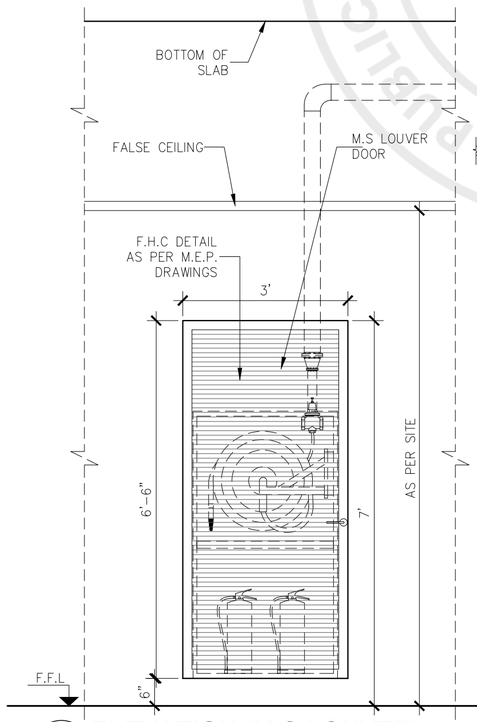
B SECTION
Scale: 1/2"=1'-0"



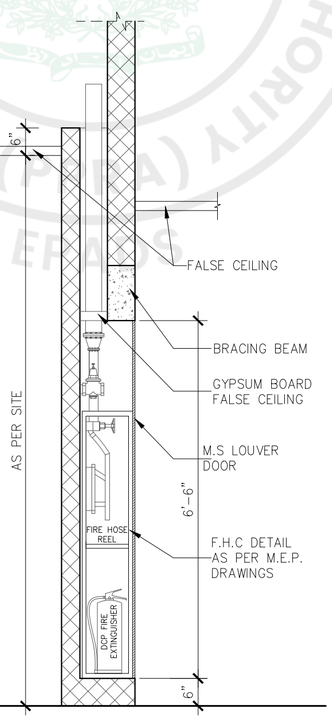
02 PLAN
Scale: 1/2"=1'-0"



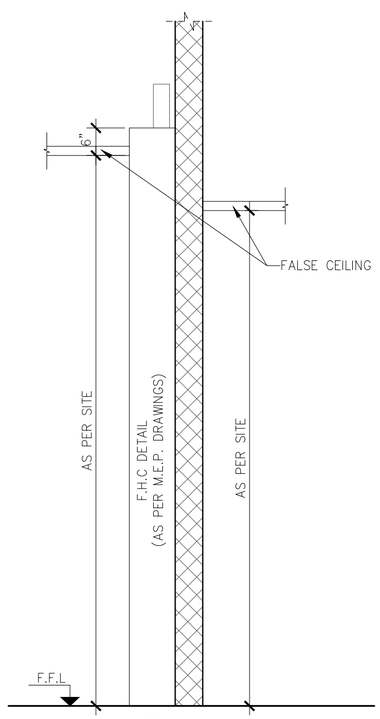
03 PLAN
Scale: 1/2"=1'-0"



03 ELEVATION (M.S LOUVER)
Scale: 1/2"=1'-0"



C SECTION
Scale: 1/2"=1'-0"



D SECTION
Scale: 1/2"=1'-0"

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PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

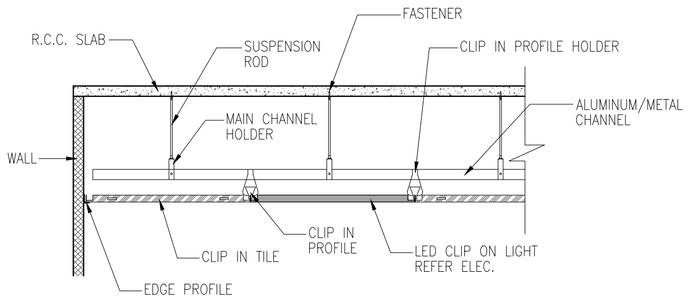
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FIRE HYDRANT CABINET DETAILS

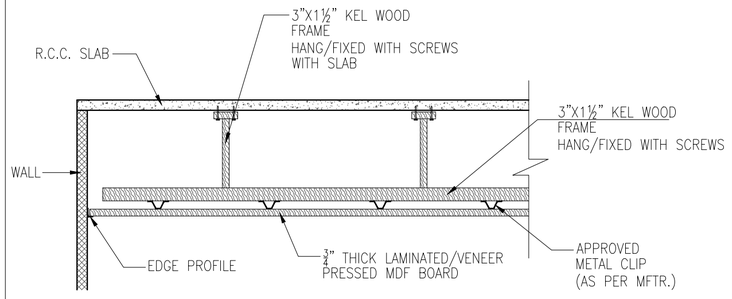
REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/2" = 1'-0"
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CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-TD-03A715	REVISION: 00

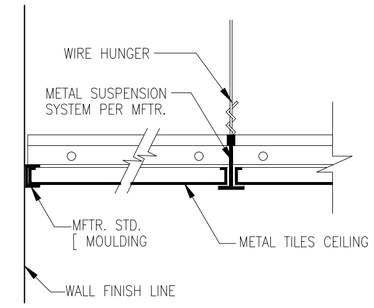
e-Pak Acquisition and Disposal System (EPADS) generated document | © 2026



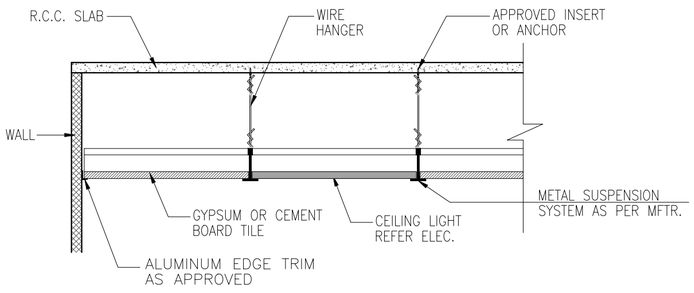
1 ALUMINUM CLIP ON CEILING DETAIL



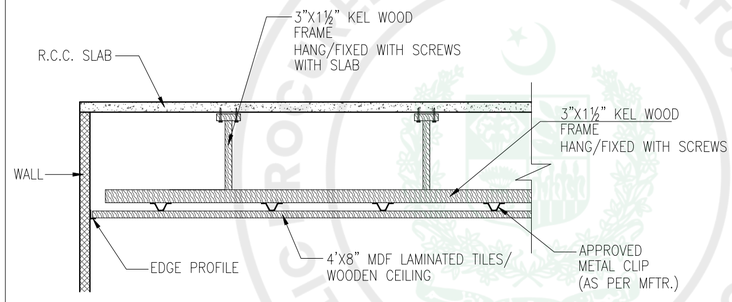
2 WOODEN CEILING DETAIL - I



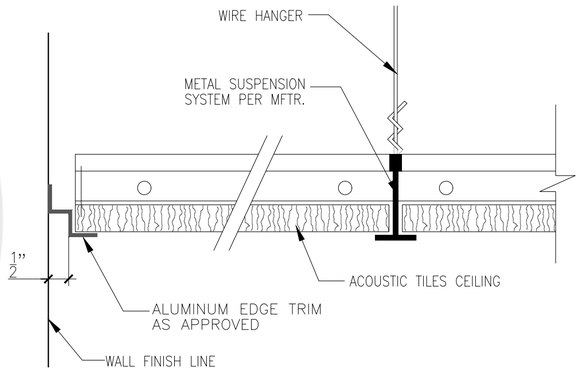
3 PERFORMATED METAL CEILING DETAIL



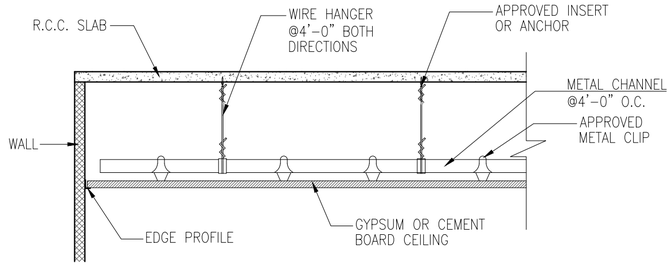
4 2'X2' GYPSUM/CEMENT BOARD TILES CEILING DETAIL



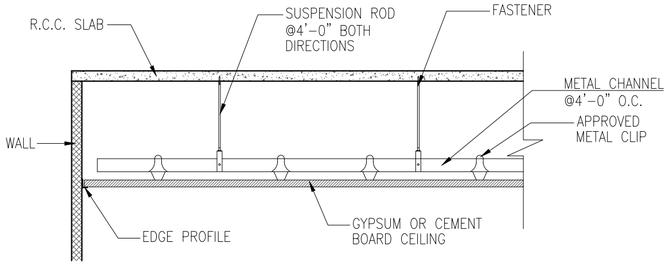
5 WOODEN CEILING DETAIL - II



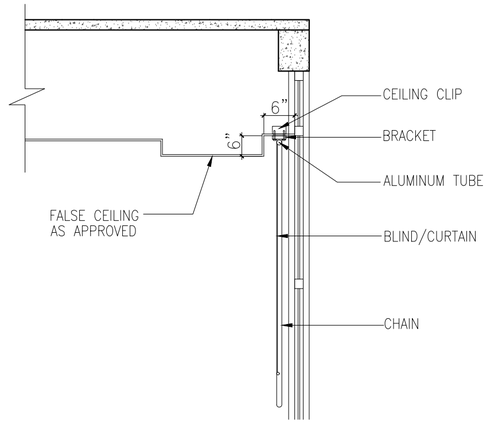
6 ACOUSTIC TILES CEILING DETAIL



7 GYPSUM OR CEMENT BOARD CEILING DETAIL WITH WIRE HANGER



8 GYPSUM OR CEMENT BOARD CEILING DETAIL WITH SUSPENSION ROD



9 ROLL UP DETAIL FOR CURTAIN / BLIND_

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PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

TYPICAL FALSE CEILING DETAILS

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:

DRAWING NO.	REVISION:
NICEEC-REB-TD-03-A718	00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



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(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

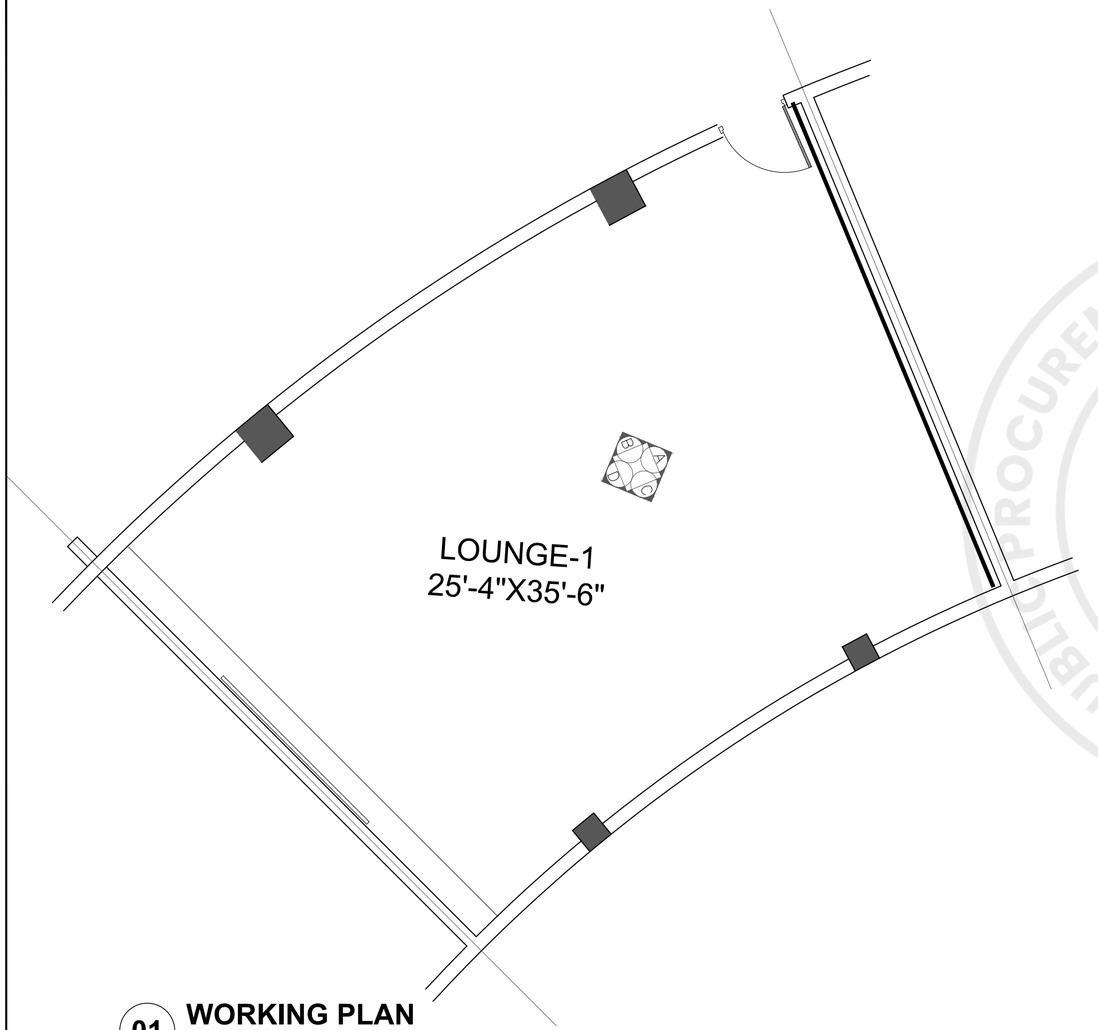
DRAWING TITLE:

LOUNGE
RENDER IMAGE

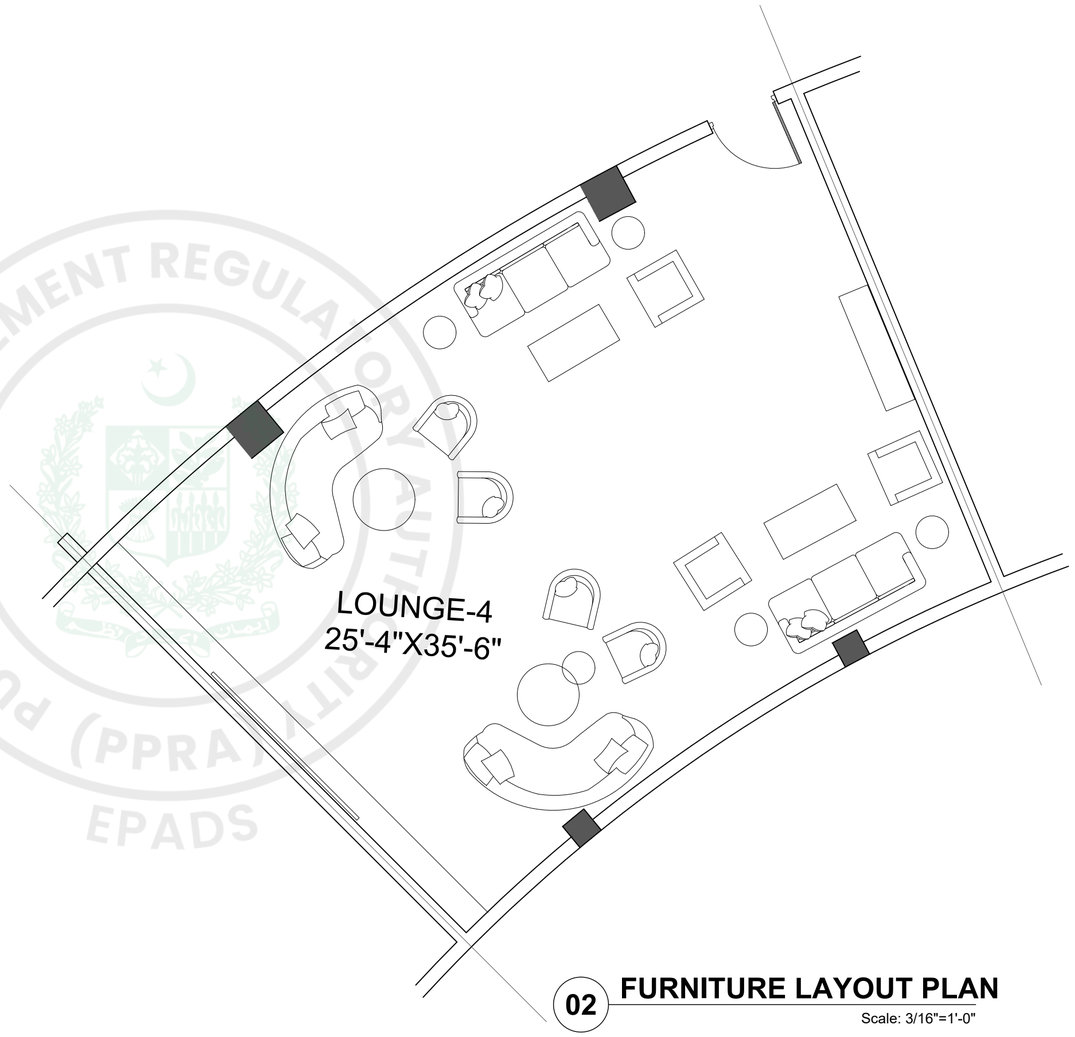
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DATE: OCTOBER, 2026	SCALE: 3/16" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:

DRAWING NO.	REV
NICEEC-REB-TD-03-A719a	00



01 **WORKING PLAN**
Scale: 3/16"=1'-0"



02 **FURNITURE LAYOUT PLAN**
Scale: 3/16"=1'-0"

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PROJECT:
CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD
(REVAMPING OF EXISTING BUILDING)
(TYPICAL DETAILS)

PROJECT STATUS:
PROPOSED DRAWINGS

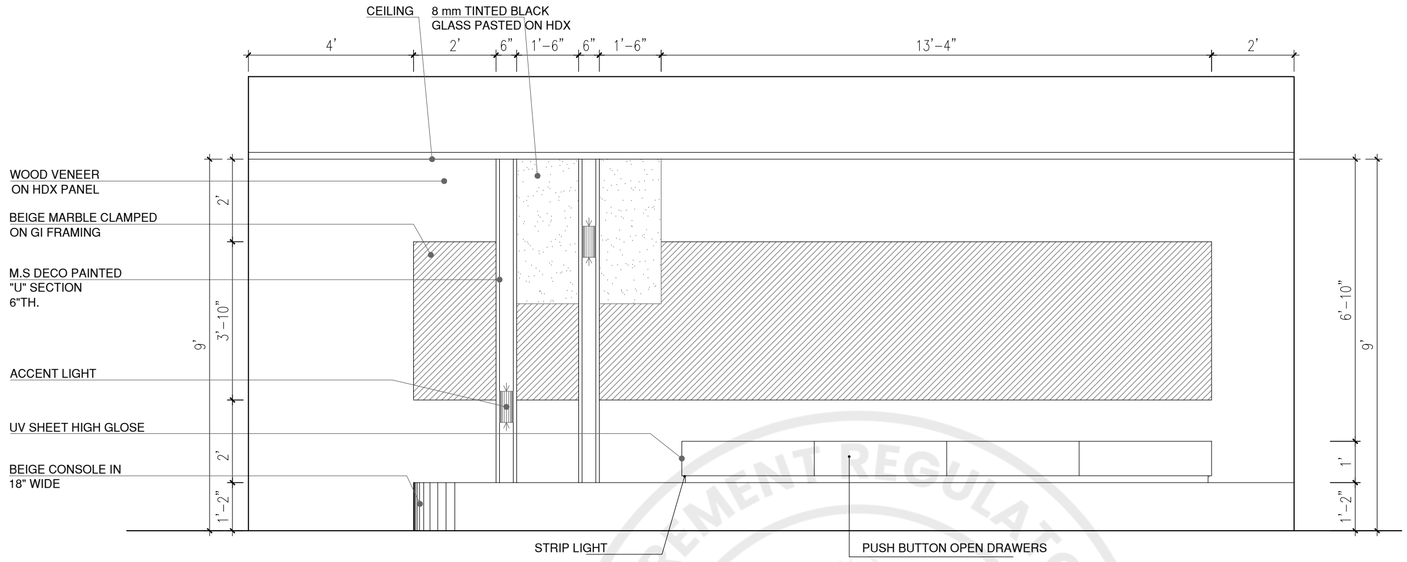
DRAWING TITLE:
LOUNGE-1 DETAIL

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 3/16" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:

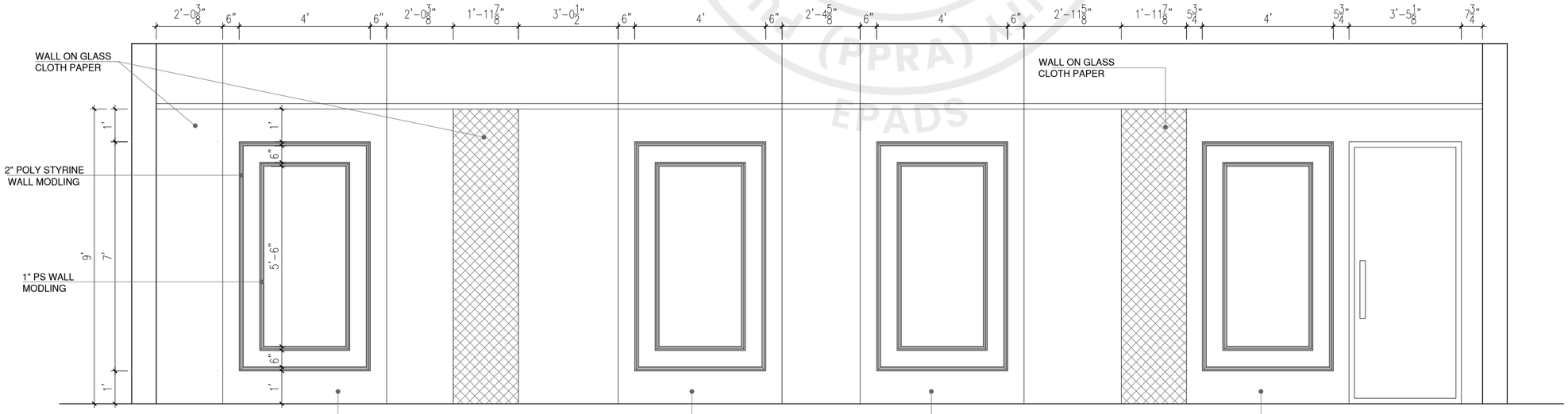
DRAWING NO.	REV
NICEEC-REB-TD-03-A719	00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



A **ELEVATION**

Scale: 3/8"=1'-0"



B **ELEVATION**

Scale: 3/8"=1'-0"

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CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

LOUNGE
ELEVATION A & B

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 3/8" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-TD-03A720	REV 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS





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9. FOR TYPICAL DETAILS SECTION, USE REFERRED DETAILS.
10. FOR SUMP PIT,LIFT PITS TRENCHES DETAILS AND LOCATIONS REFER MEP AND STRUCTURE.
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12. PLEASE VERIFY THE ROAD LEVELS WITH REFERENCE TO GRADING PLAN AS IT VARIES AT VARIOUS LOCATIONS /ENTRANCES OF THE BUILDING.

CLIENT:

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

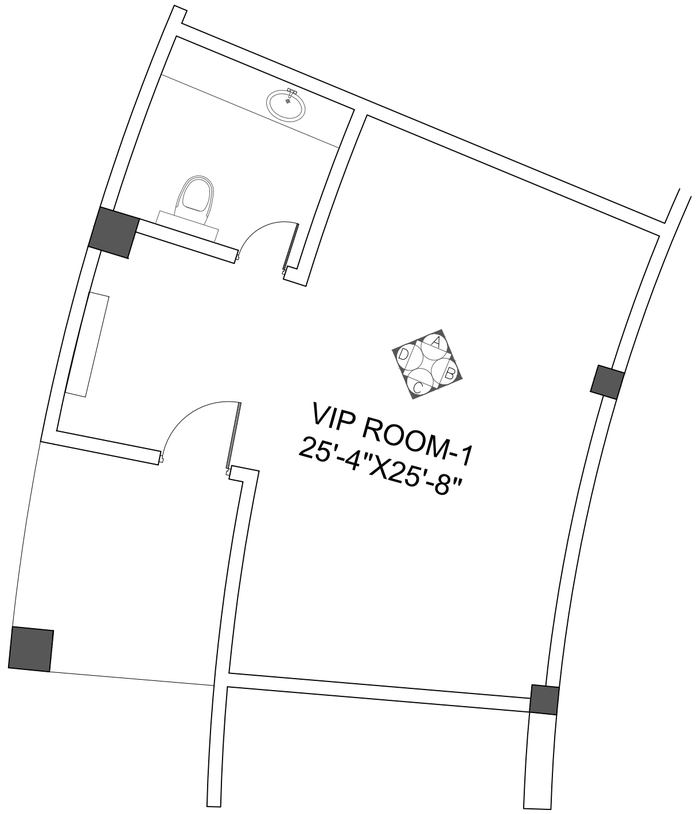
VIP ROOM-1 DETAIL RENDER IMAGE

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/2" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:

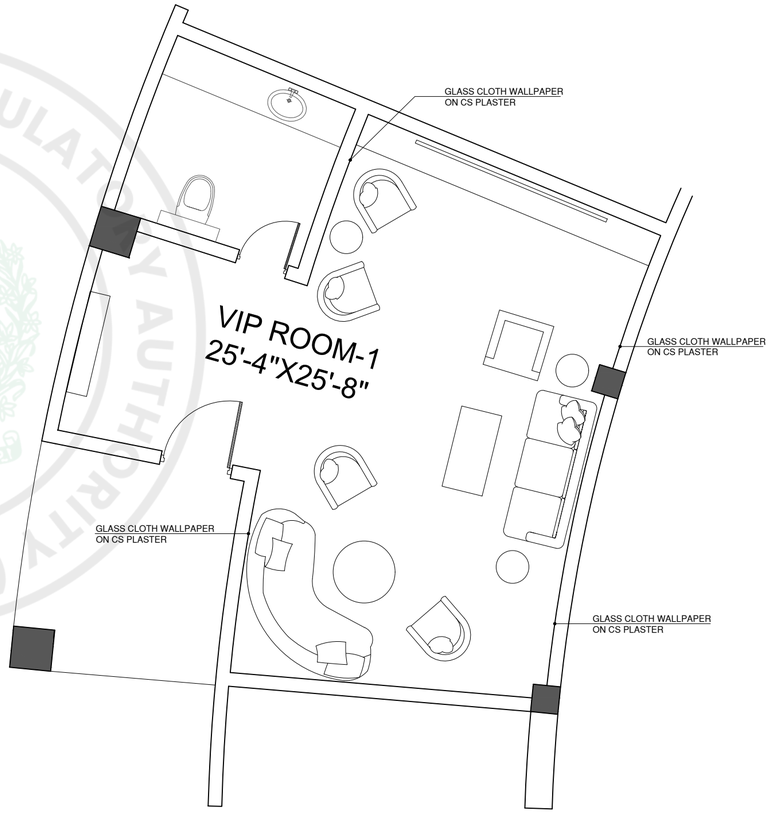
DRAWING NO.	REV
NICEEC-REB-TD-03-A721a	00

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01 WORKING PLAN

Scale: 3/16"=1'-0"



02 FURNITURE LAYOUT PLAN

Scale: 3/16"=1'-0"

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA)
EPADS

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN FEET/INCHES, UNLESS OTHERWISE NOTED.
2. IF ANY ERROR OR OMISSION IS FOUND IN DRAWING THIS OFFICE MAY BE CONSULTED FOR RECTIFICATION.
3. FOR ANY FURTHER DETAIL /CLARIFICATION ON THE DRAWING PLEASE CONTACT THE PROJECT ARCHITECT.
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CLIENT:

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

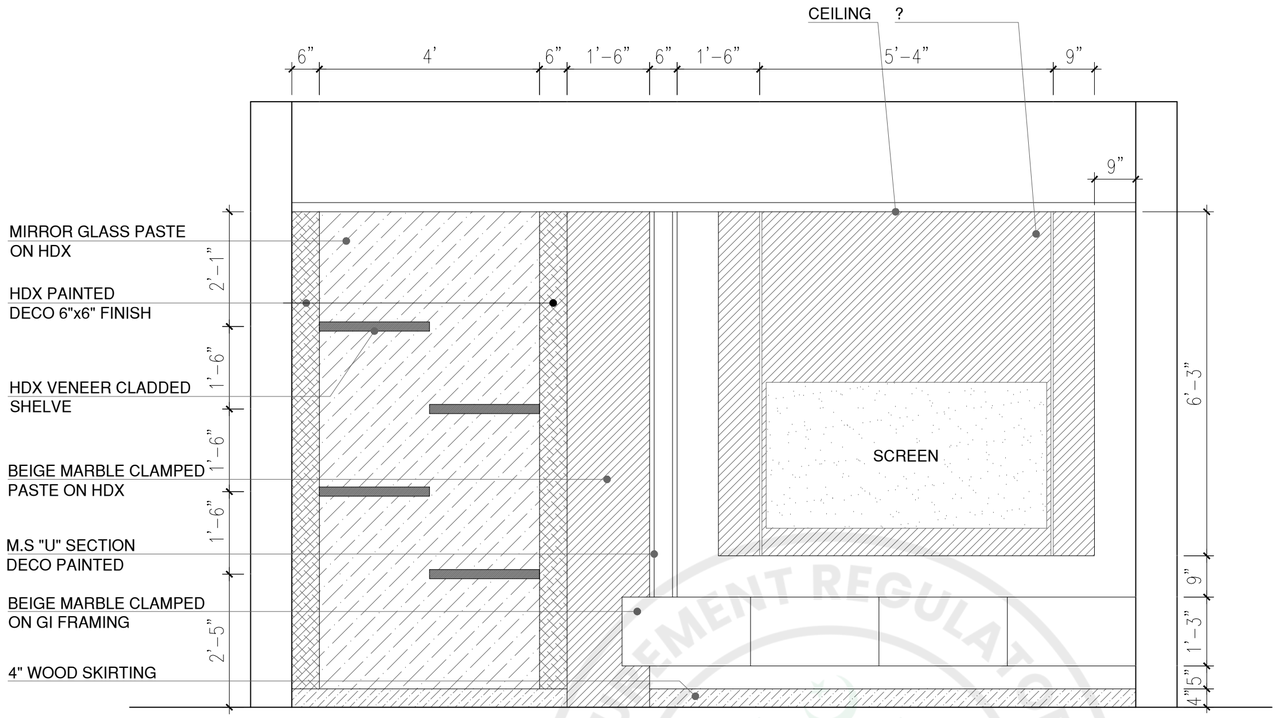
DRAWING TITLE:

VIP ROOM-1 DETAIL

REV.	DATE	DESCRIPTION

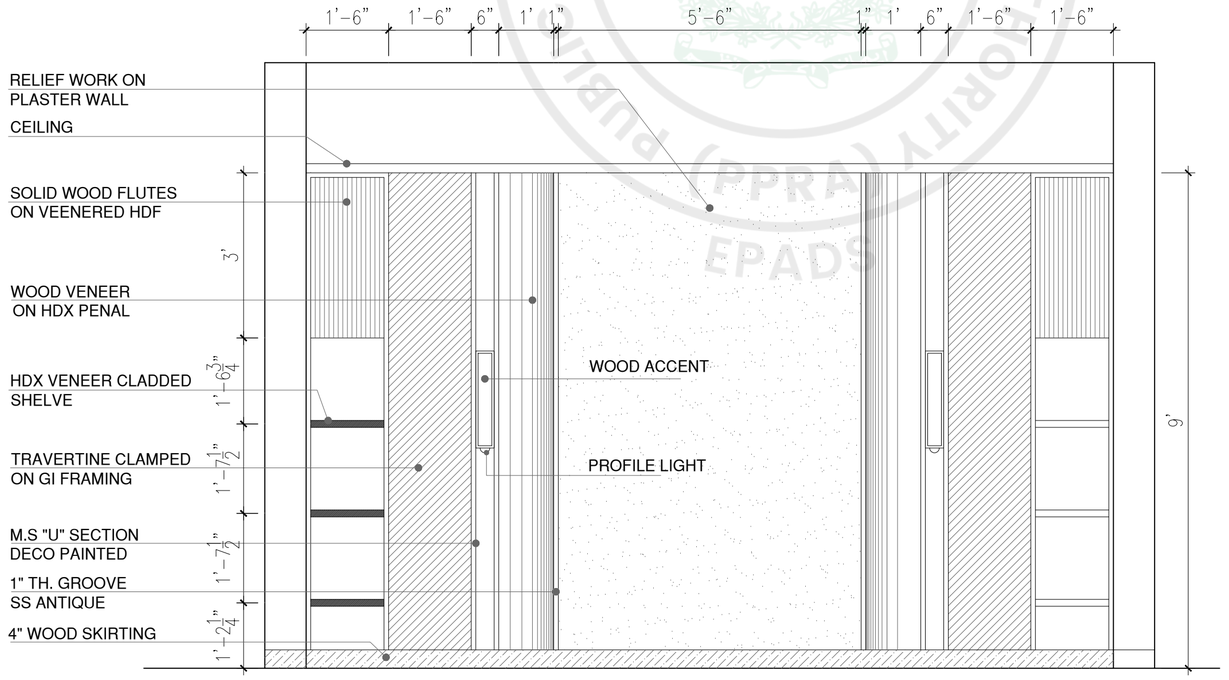
DATE: OCTOBER, 2026	SCALE: 3/16" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:

DRAWING NO.	REV
NICEEC-REB-TD-03-A721	00



A **ELEVATION**

Scale: 1/2"=1'-0"



C **ELEVATION**

Scale: 1/2"=1'-0"

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CLIENT:

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

VIP ROOM-1
ELEVATION A & C

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/2" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:

DRAWING NO.	REV
NICEEC-REB-TD-03A722	00

PROCUREMENT REGULATORY AUTHORITY (PPRA) PUBLIC EPADS





FRONT ELEVATION (FEATURE WALL)

Clean elevation showing material composition and proportions

GENERAL NOTES:

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CLIENT:

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

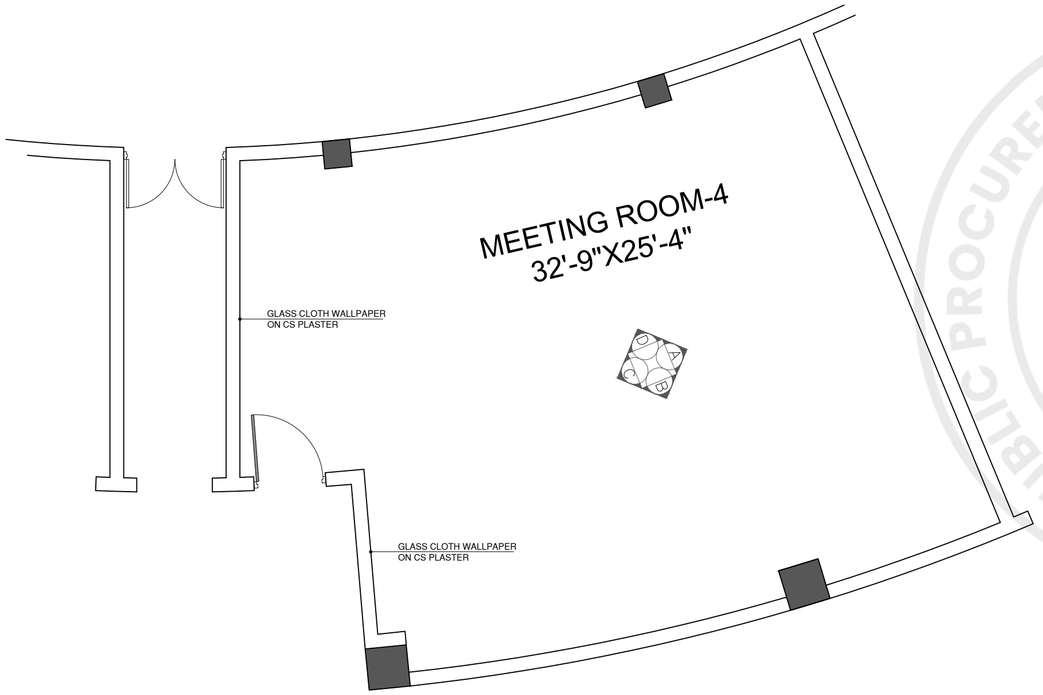
DRAWING TITLE:

MEETING ROOM RENDER IMAGE

REV.	DATE	DESCRIPTION

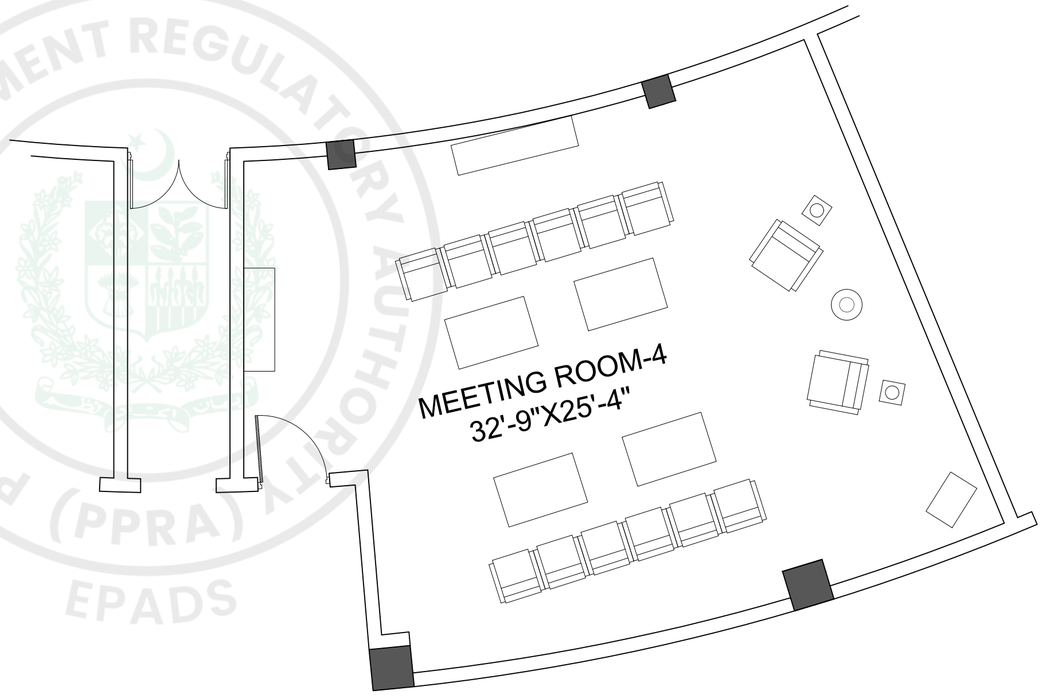
DATE: OCTOBER, 2026	SCALE:
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:

DRAWING NO.	REV
NICEEC-REB-TD-03A723a	00



01 WORKING PLAN

Scale: 3/16"=1'-0"



02 FURNITURE LAYOUT PLAN

Scale: 3/16"=1'-0"

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA)
EPADS

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CLIENT:

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

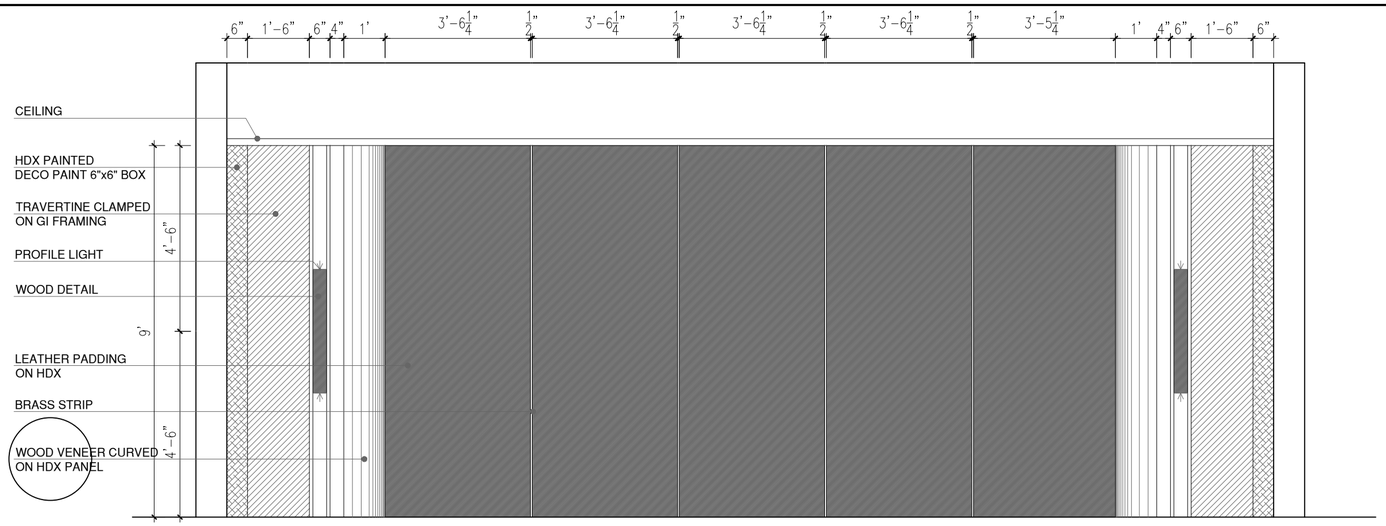
DRAWING TITLE:

MEETING ROOM DETAIL

REV.	DATE	DESCRIPTION

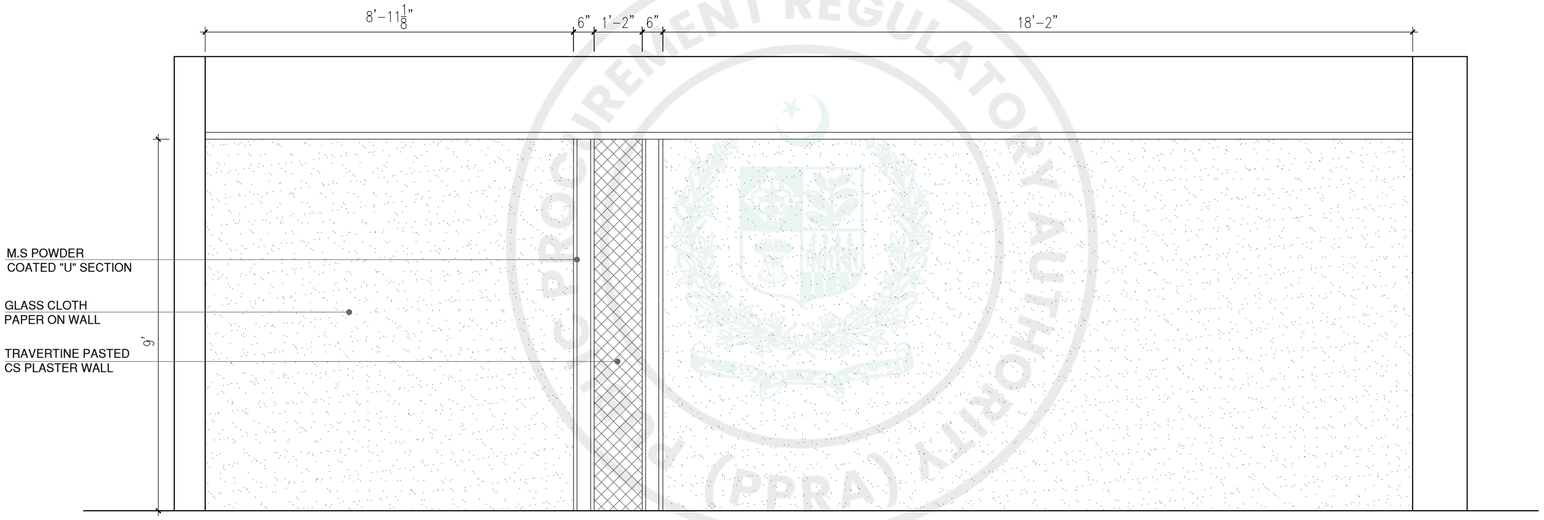
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DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:

DRAWING NO.	REV
NICEEC-REB-TD-03A723	00



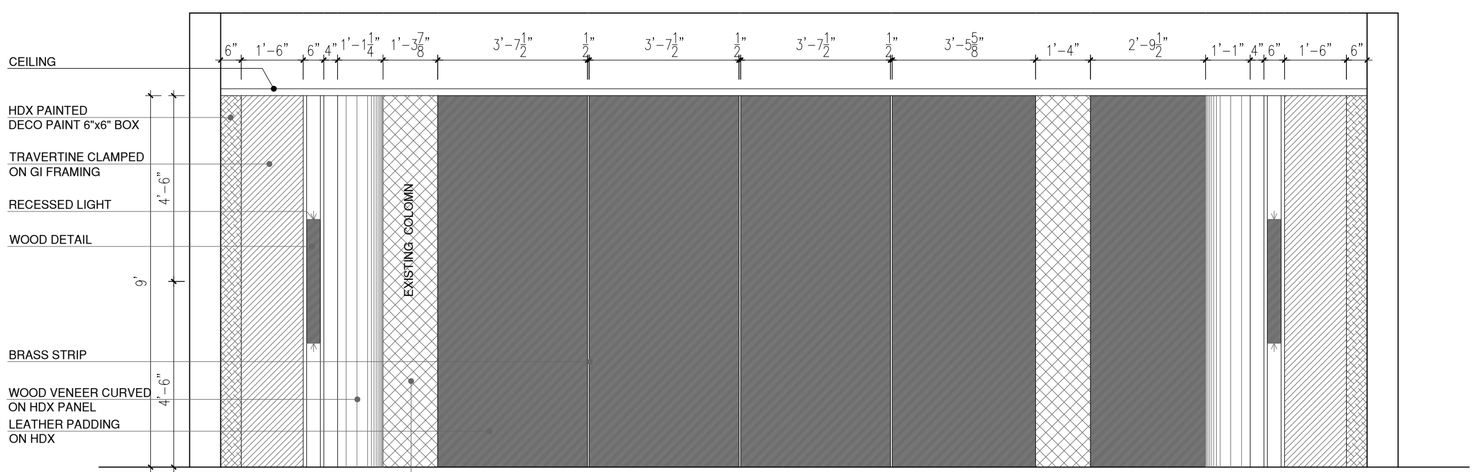
A ELEVATION

Scale: 3/8"=1'-0"



B ELEVATION

Scale: 3/8"=1'-0"



D ELEVATION

Scale: 3/8"=1'-0"

GENERAL NOTES:

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CLIENT:

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

MEETING ROOM
ELEVATION A , B &D

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/2" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-TD-03A724	REV 00

PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS







GENERAL NOTES:

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CLIENT:

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

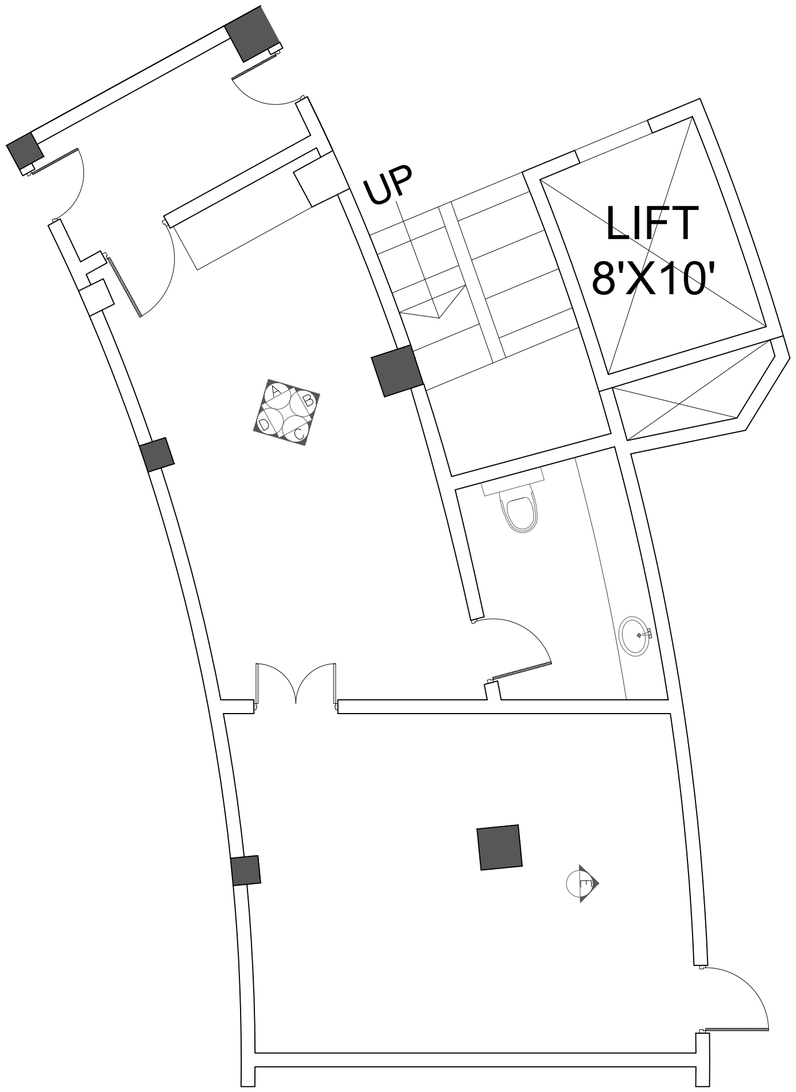
VVIP&PM SECTION & OFFICE RENDER IMAGE

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE:
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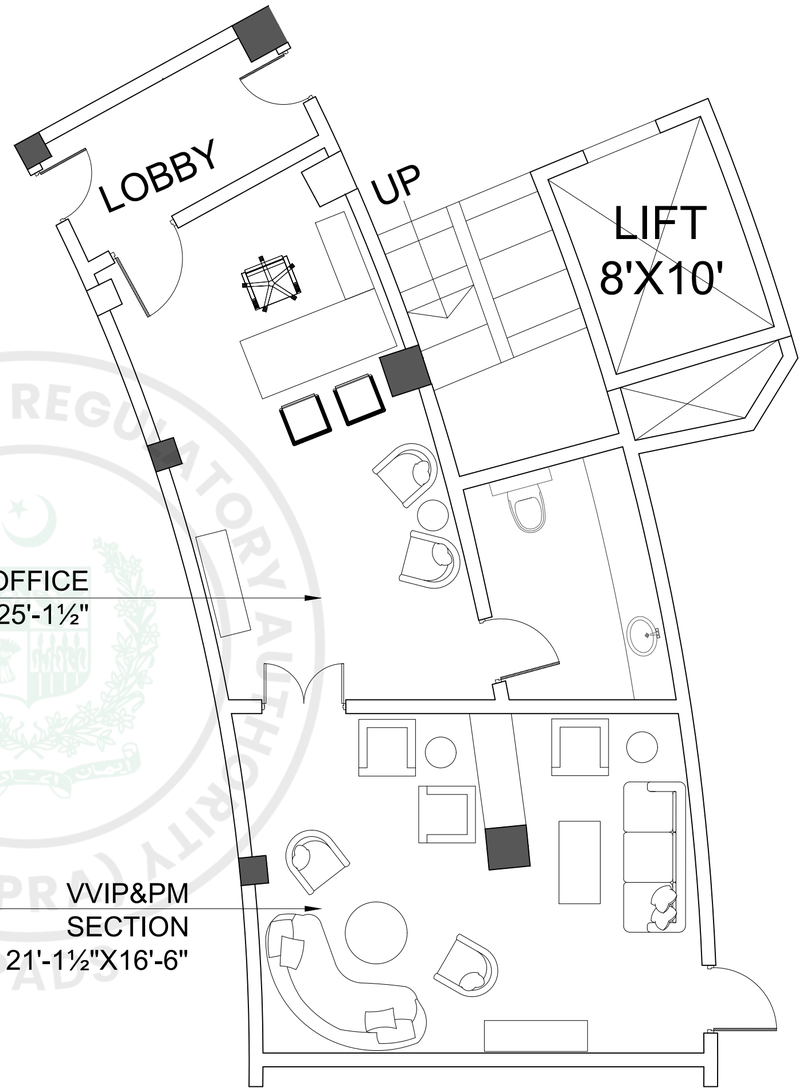
DRAWING NO.	REV
NICEEC-REB-TD-03A725a	00

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01 WORKING PLAN

Scale: 3/16"=1'-0"



02 FURNITURE LAYOUT PLAN

Scale: 3/16"=1'-0"

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

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CLIENT:

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

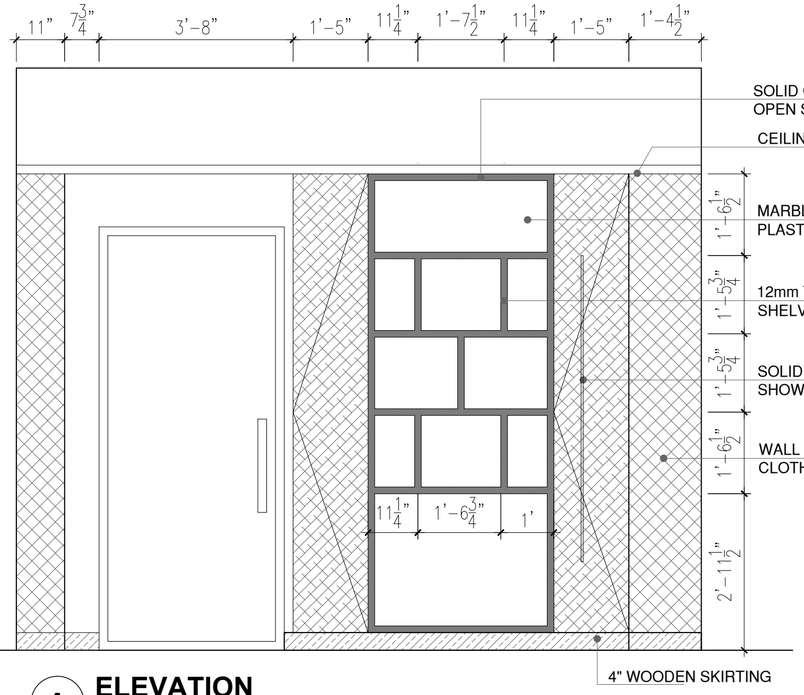
DRAWING TITLE:

VVIP&PM SECTION & OFFICE DETAIL

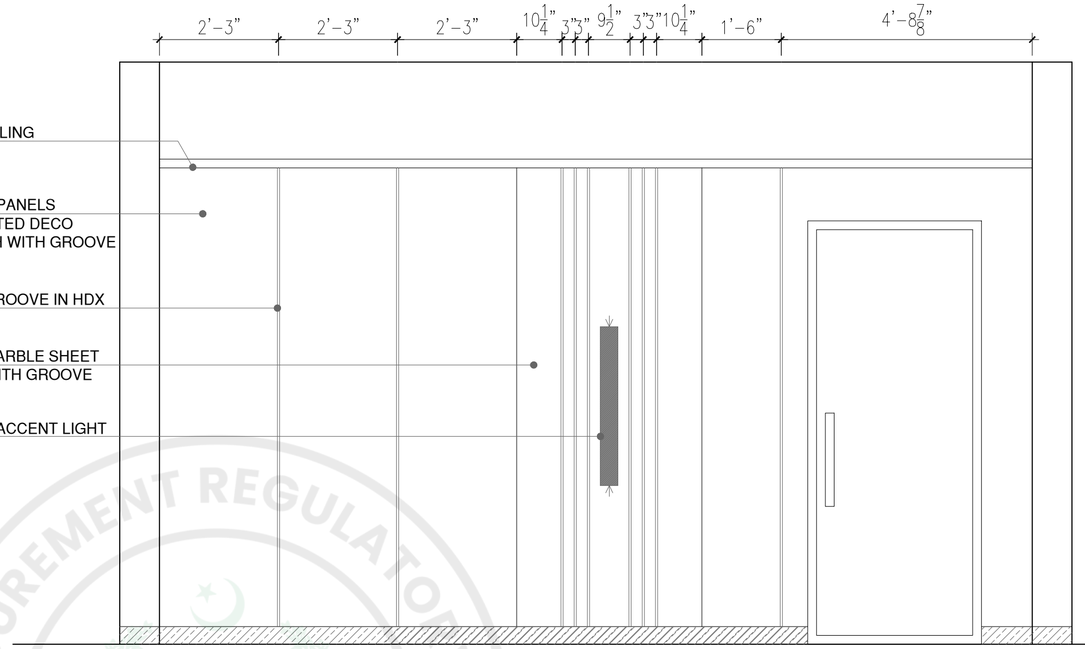
REV.	DATE	DESCRIPTION

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CHECKED BY:	APPROVED BY:

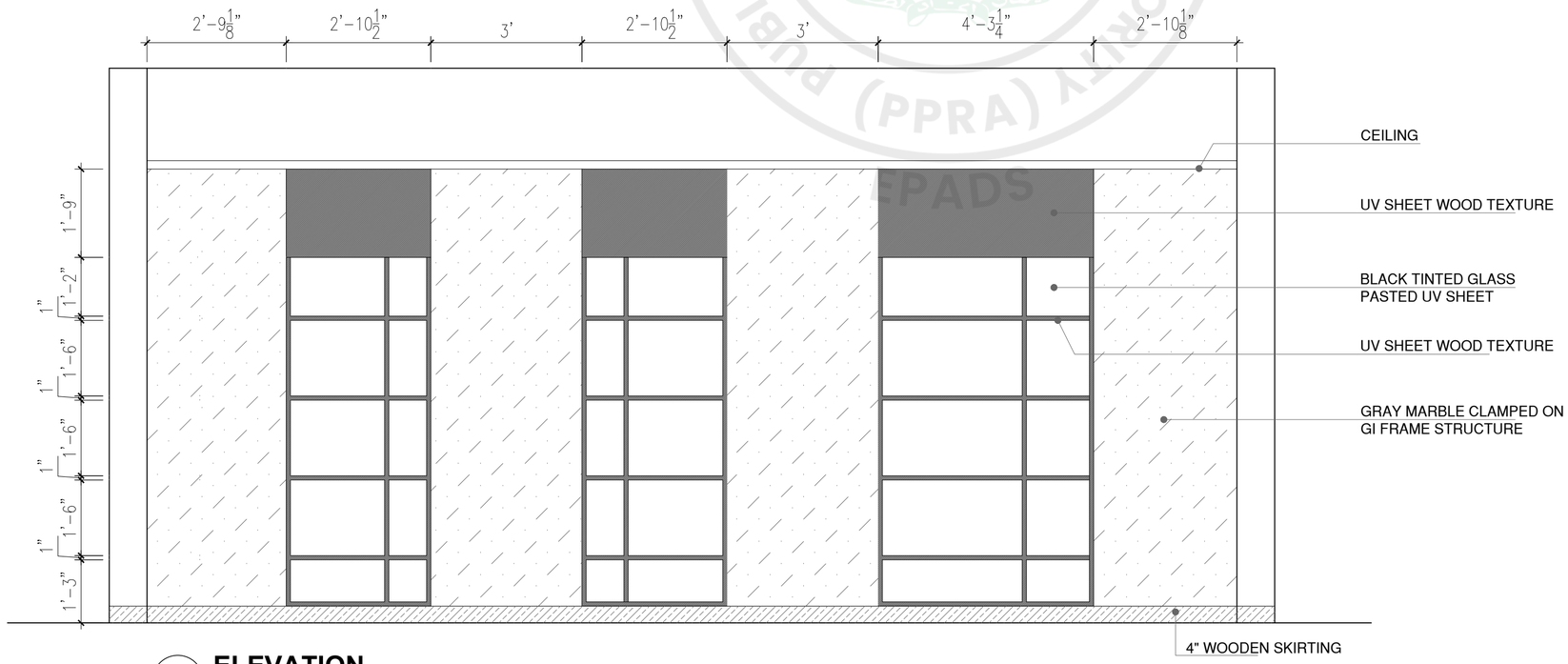
DRAWING NO.	REV
NICEEC-REB-TD-03-A725	00



A **ELEVATION**
Scale: 1/2"=1'-0"



E **ELEVATION**
Scale: 1/2"=1'-0"



D **ELEVATION**
Scale: 1/2"=1'-0"

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CLIENT:

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

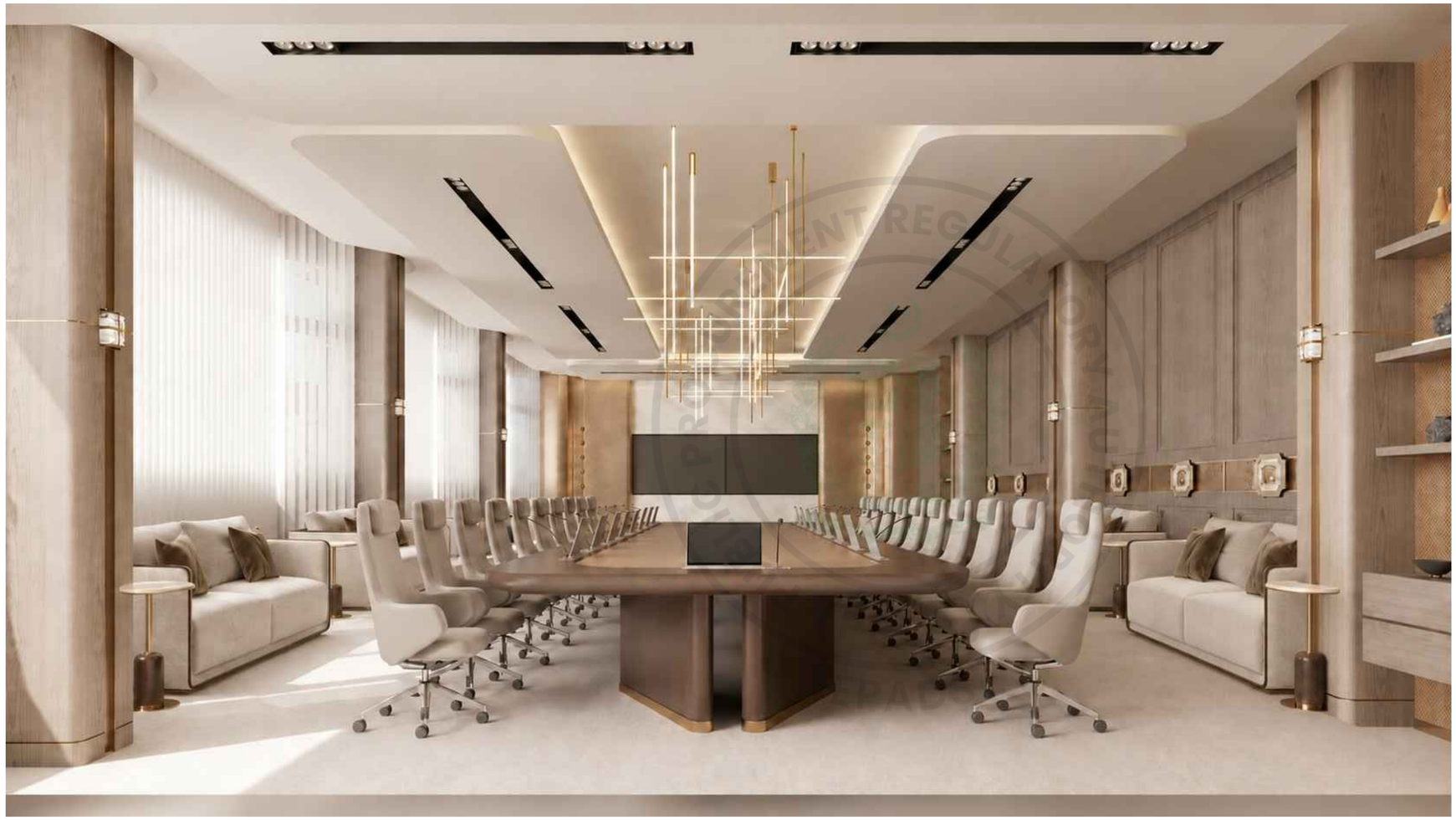
DRAWING TITLE:

VVIP&PM SECTION & OFFICE ELEVATION A , C &D

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/2" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-TD-03-A726	REV 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



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CLIENT:

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

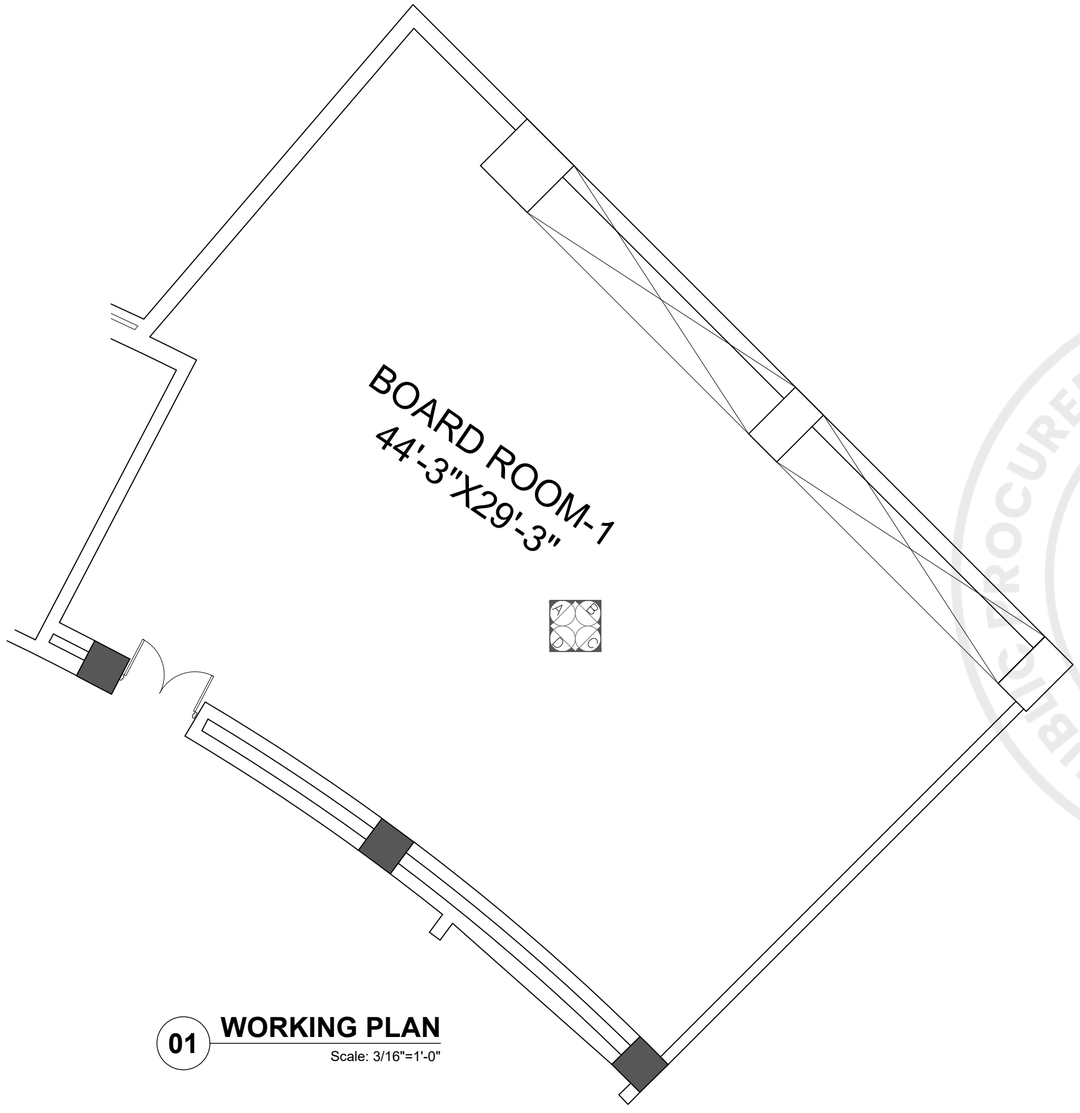
DRAWING TITLE:

BOARD ROOM
RENDER IMAGE

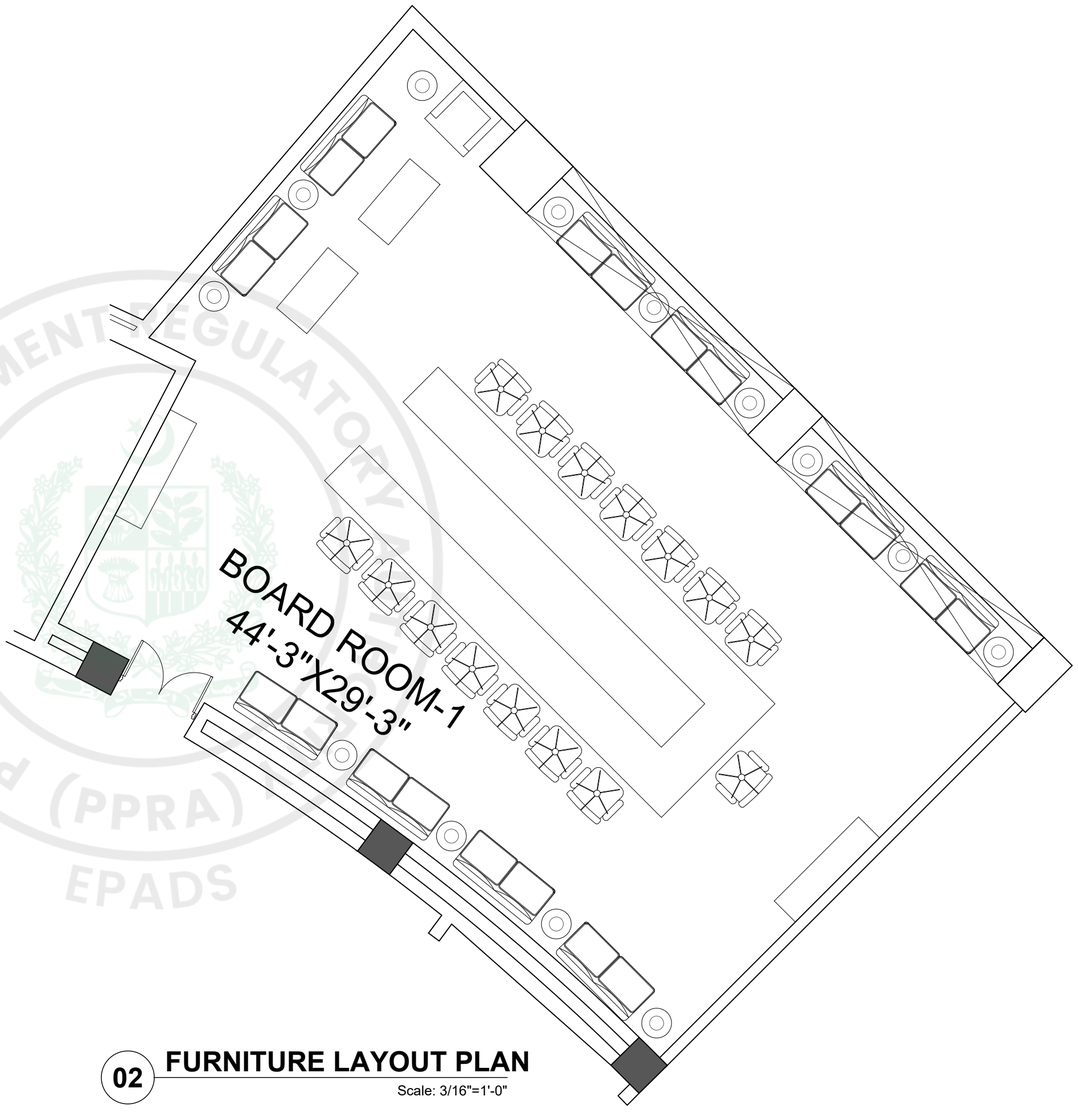
REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE:
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:

DRAWING NO.	REV
NICEEC-REB-TD-03A727a	00



01 **WORKING PLAN**
Scale: 3/16"=1'-0"



02 **FURNITURE LAYOUT PLAN**
Scale: 3/16"=1'-0"

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN FEET/INCHES, UNLESS OTHERWISE NOTED.
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CLIENT:

PROJECT:
CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD
(REVAMPING OF EXISTING BUILDING)
(TYPICAL DETAILS)

PROJECT STATUS:
PROPOSED DRAWINGS

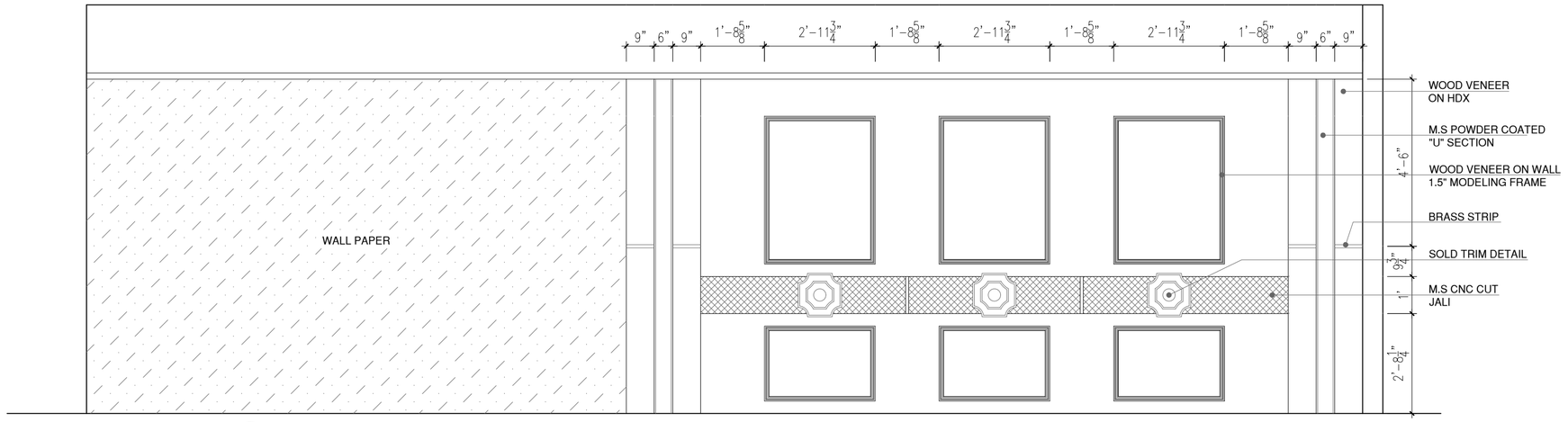
DRAWING TITLE:
BOARD ROOM DETAIL

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 3/16" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:

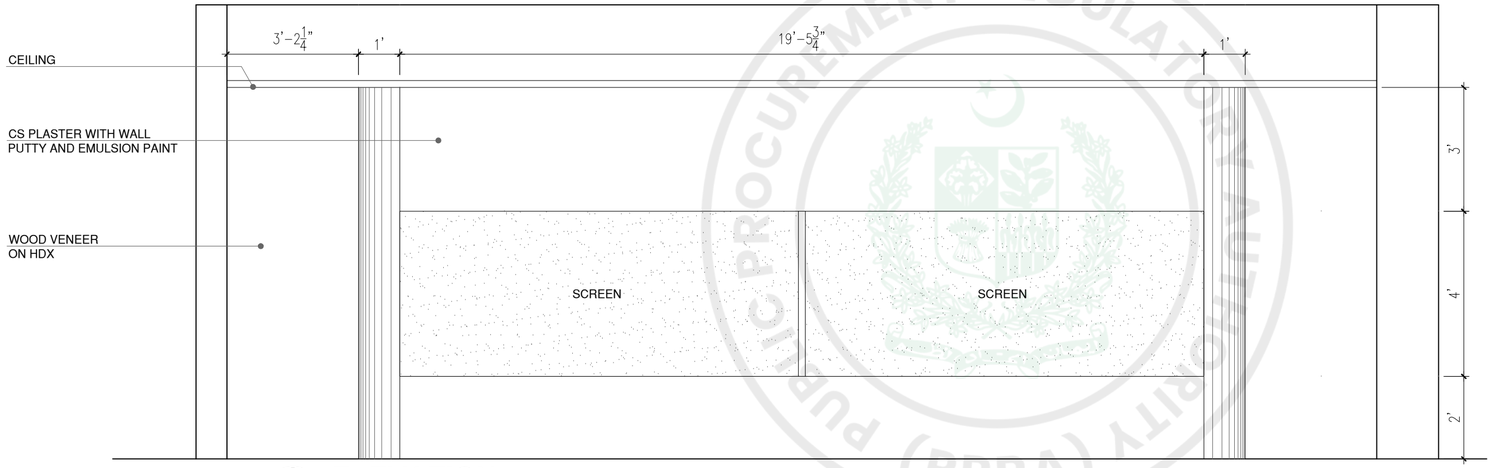
DRAWING NO.	REV
NICEEC-REB-TD-03A727	00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



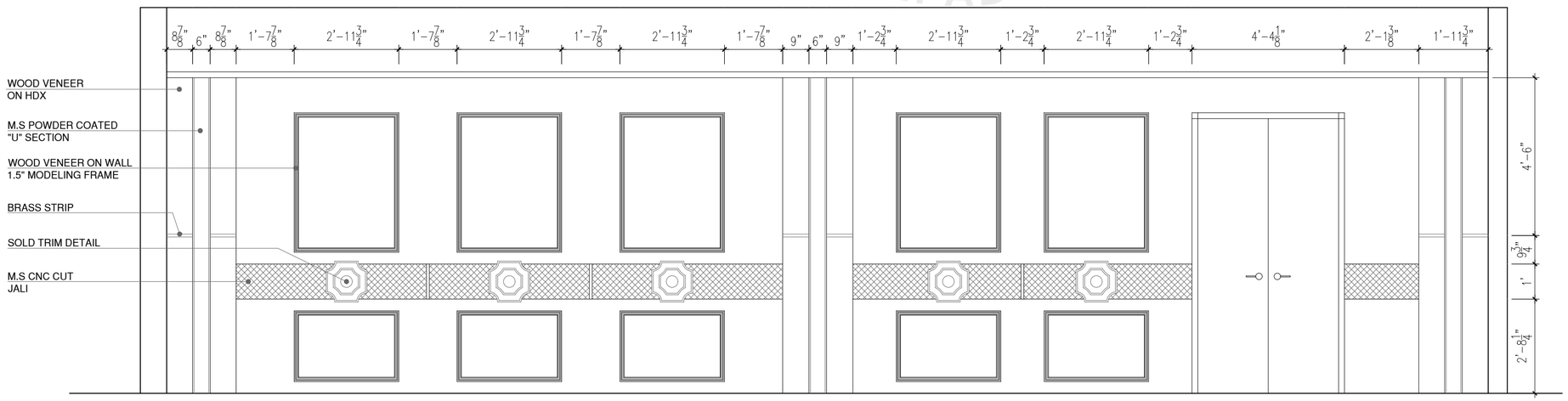
A ELEVATION

Scale: 3/8"=1'-0"



C ELEVATION

Scale: 3/8"=1'-0"



D ELEVATION

Scale: 3/8"=1'-0"

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CLIENT:

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

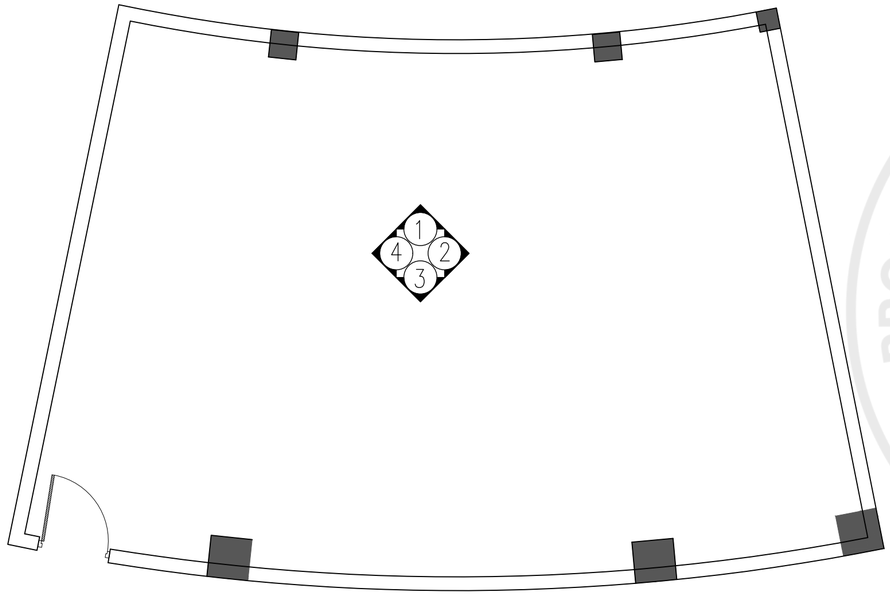
DRAWING TITLE:

BOARD ROOM
ELEVATION A , C &D

REV.	DATE	DESCRIPTION

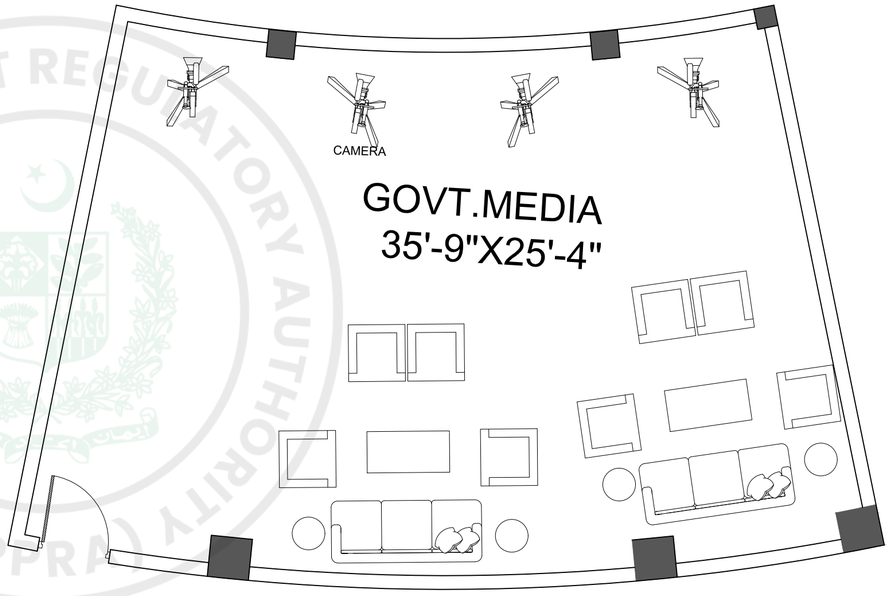
DATE: OCTOBER, 2026	SCALE: 3/8" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-TD-03-A728	REV 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



01 WORKING PLAN

Scale: 3/16"=1'-0"



02 FURNITURE LAYOUT PLAN

Scale: 3/16"=1'-0"

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

GENERAL NOTES:

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CLIENT:

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

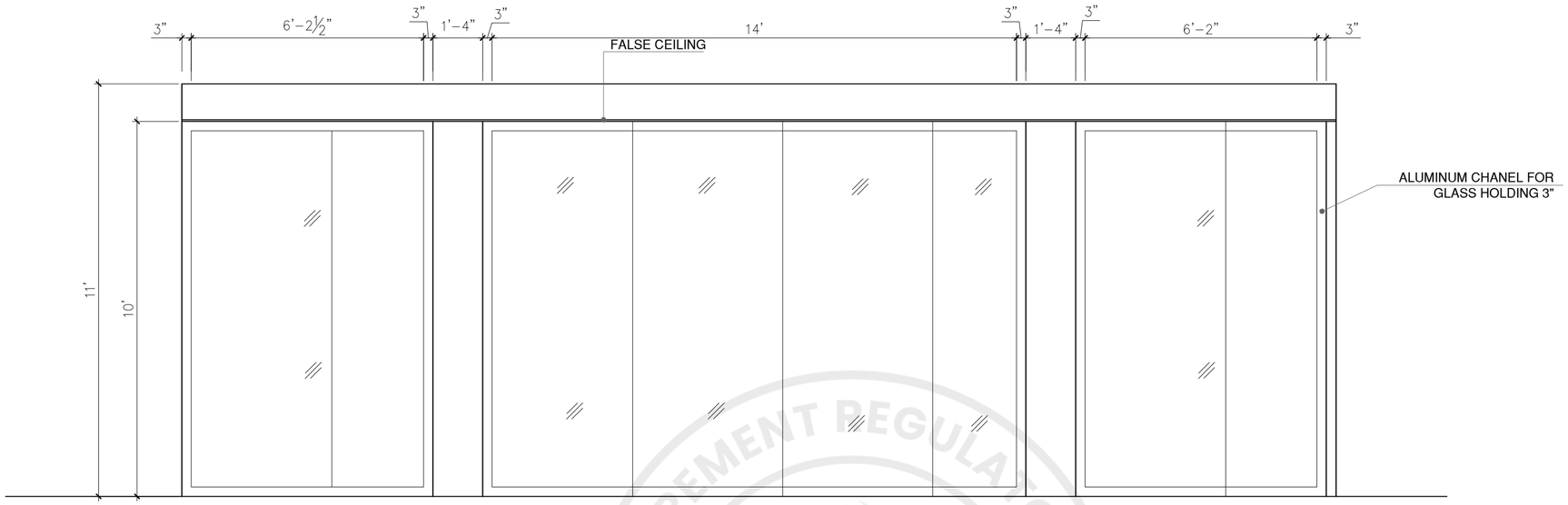
DRAWING TITLE:

GOVT. MEDIA ROOM DETAIL

REV.	DATE	DESCRIPTION

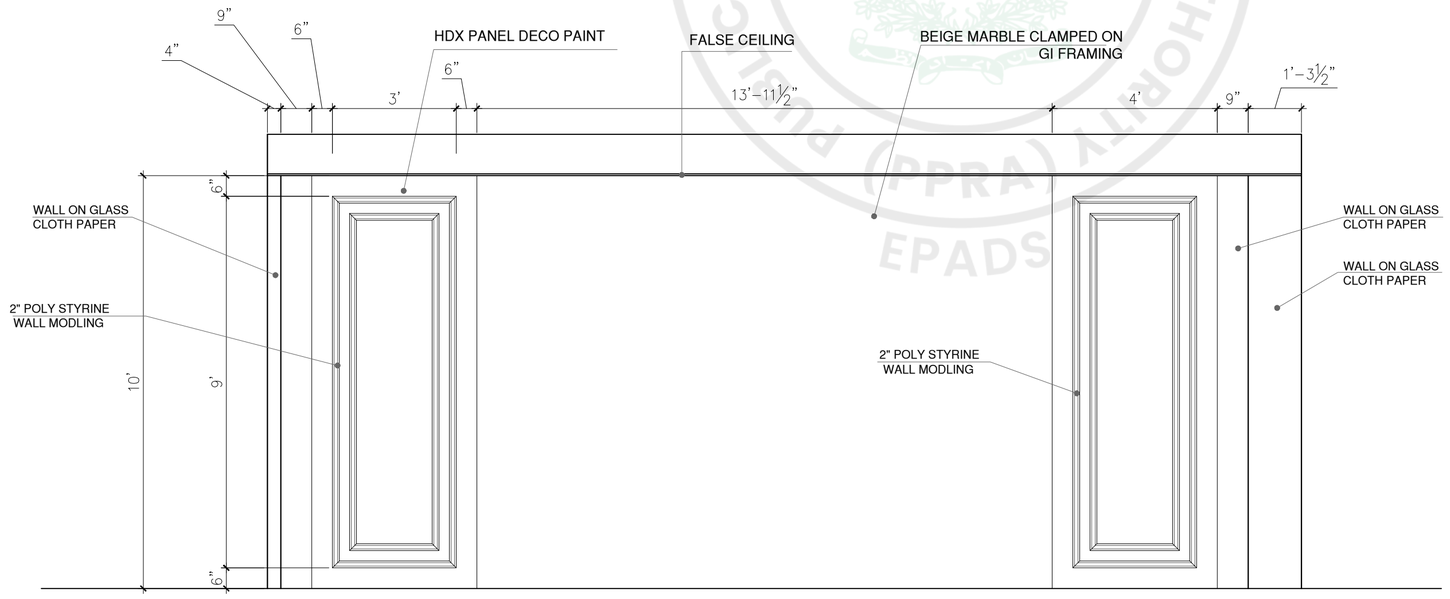
DATE: OCTOBER, 2026	SCALE: 3/16" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:

DRAWING NO.	REV
NICEEC-REB-TD-03A729	00



01 ELEVATION

Scale: 3/8"=1'-0"



02 ELEVATION

Scale: 3/8"=1'-0"

GENERAL NOTES:

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CLIENT:

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

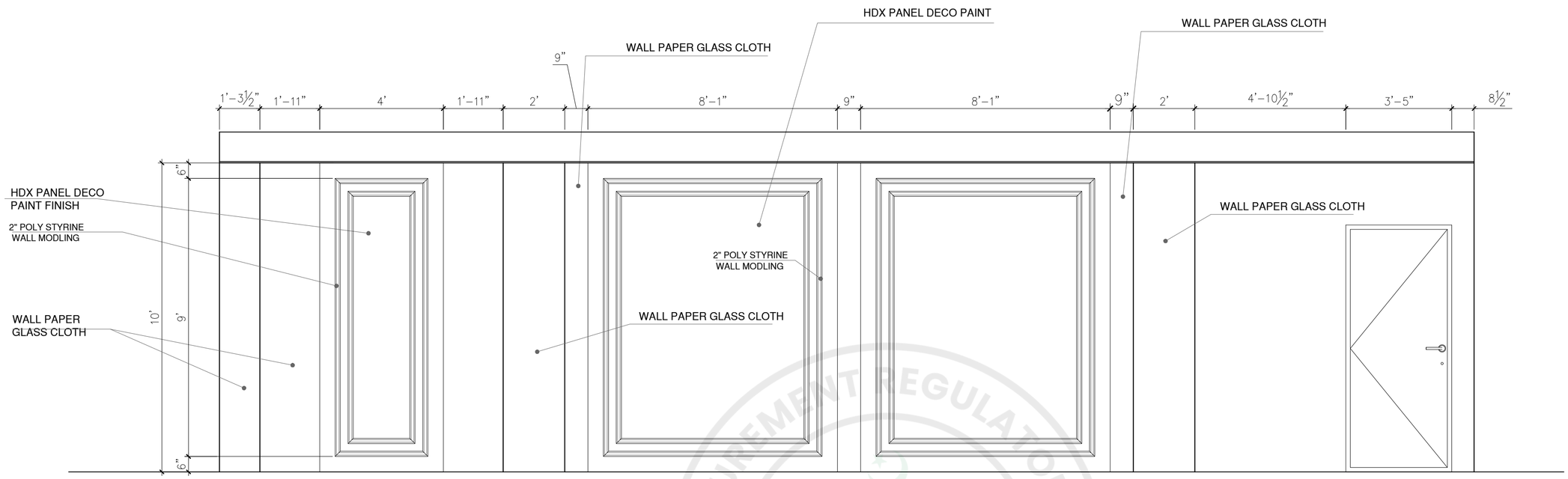
DRAWING TITLE:

GOVT MEDIA ROOM ELEVATION 01&02

REV.	DATE	DESCRIPTION

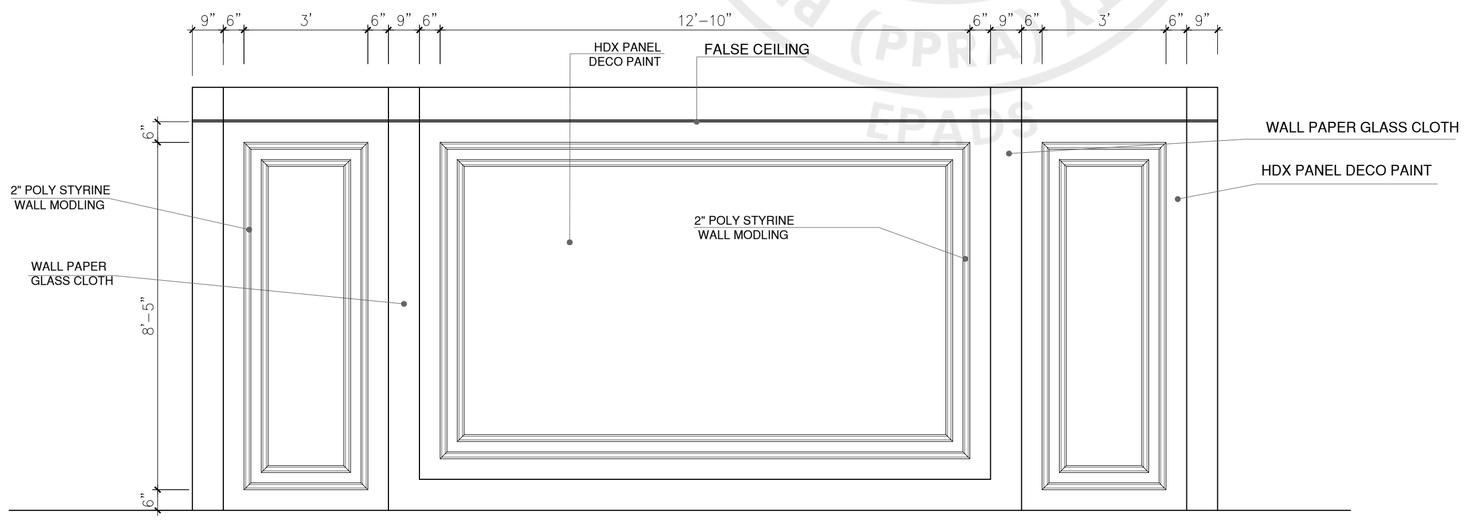
DATE: OCTOBER, 2026	SCALE: 3/8" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-TD-03A729	REV 00

PROCUREMENT REGULATORY AUTHORITY (PPRA) PUBLIC EPADS



03 ELEVATION

Scale: 3/8"=1'-0"



04 ELEVATION

Scale: 3/8"=1'-0"

GENERAL NOTES:

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CLIENT:

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

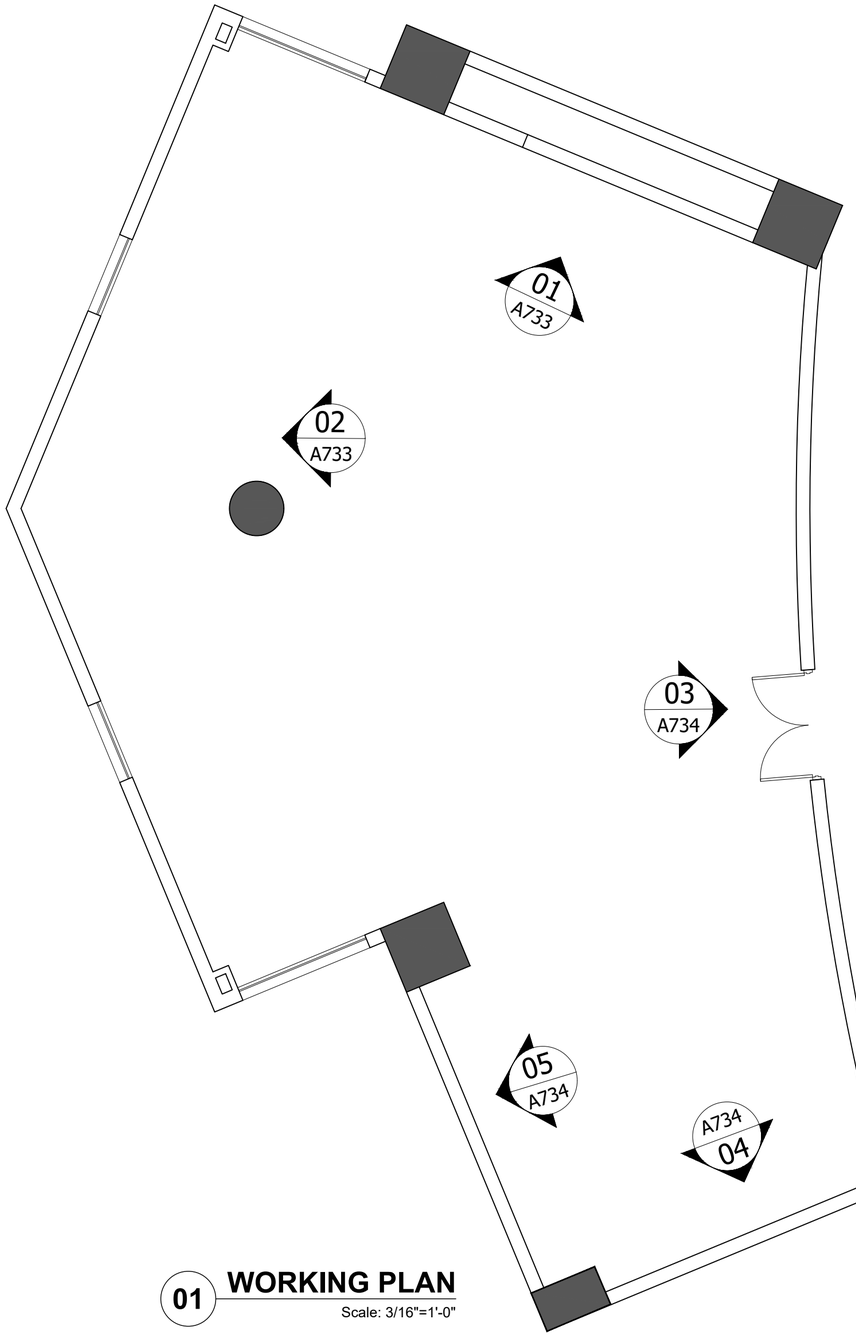
DRAWING TITLE:

GOVT MEDIA ROOM ELEVATION 03 & 04

REV.	DATE	DESCRIPTION

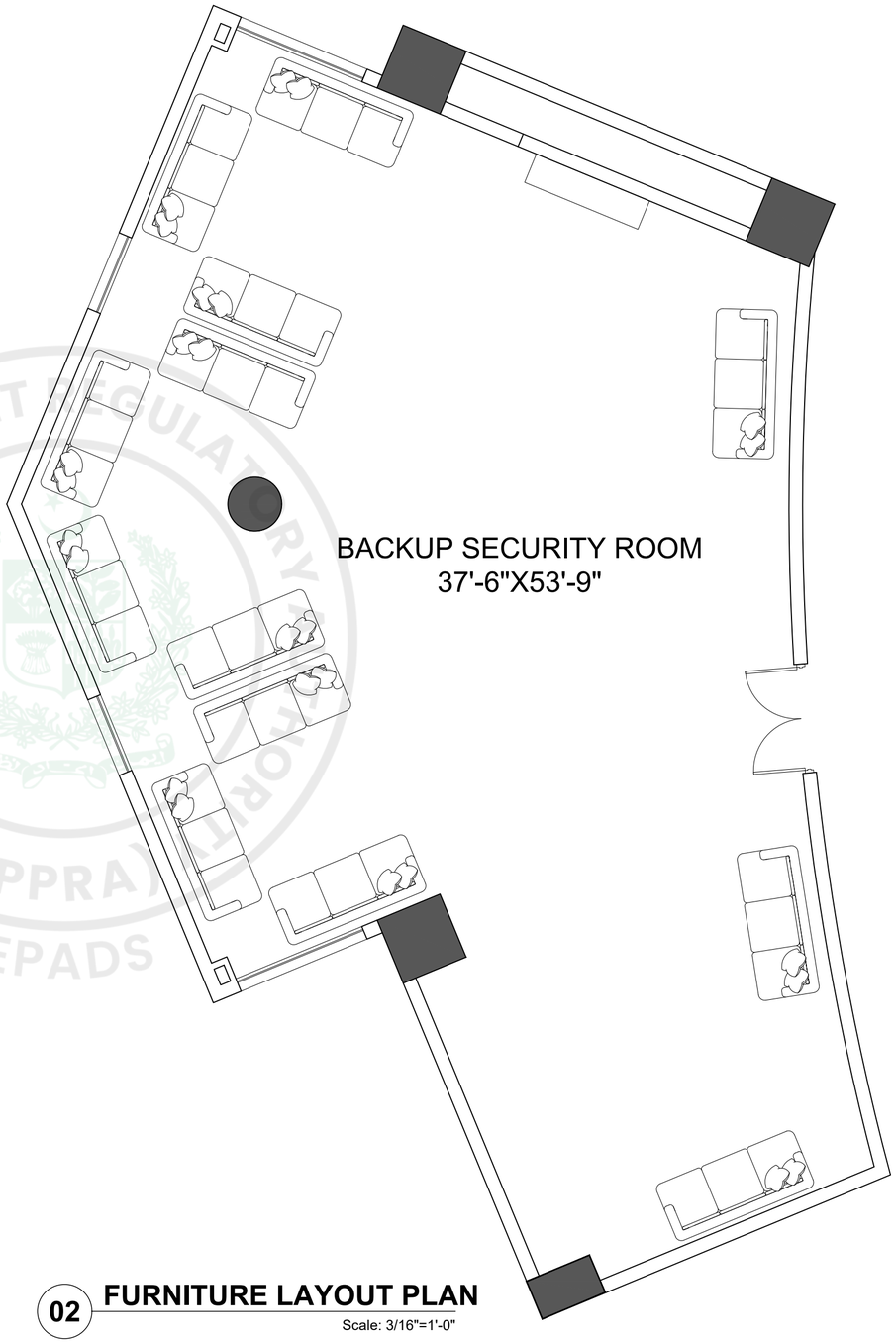
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CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-TD-03-A731	REV 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



01 **WORKING PLAN**

Scale: 3/16"=1'-0"



02 **FURNITURE LAYOUT PLAN**

Scale: 3/16"=1'-0"

GENERAL NOTES:

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CLIENT:

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

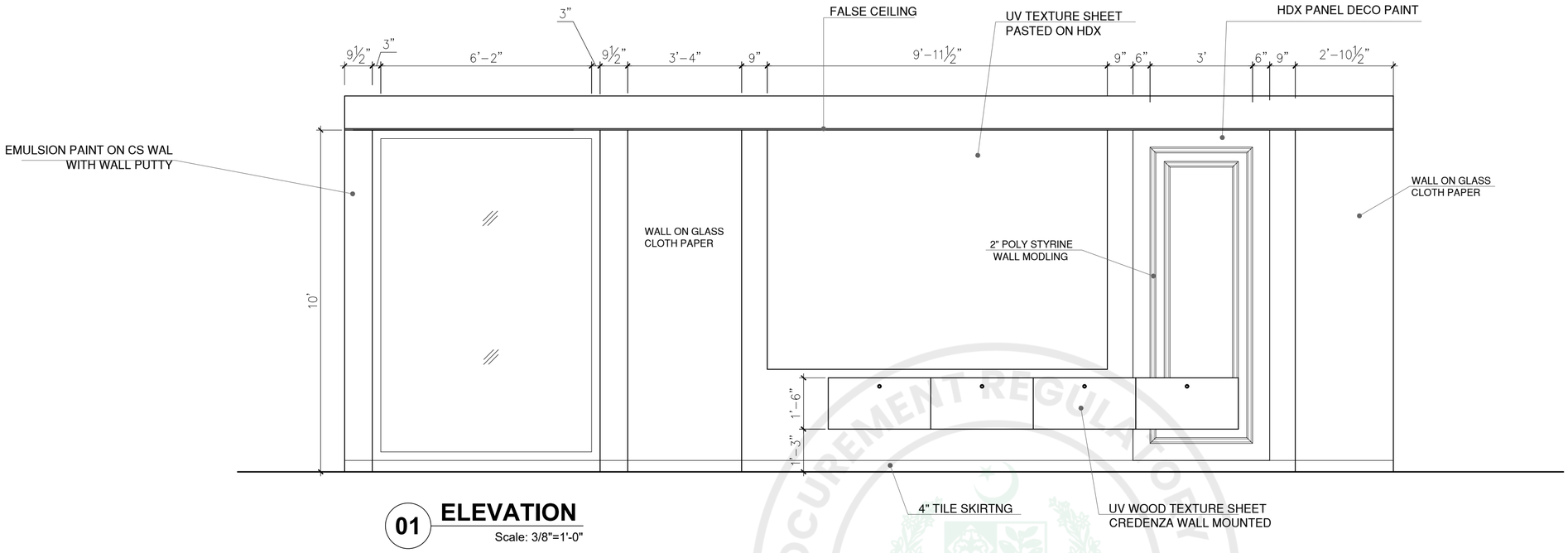
BACKUP SCURITY ROOM DETAIL

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 3/16" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:

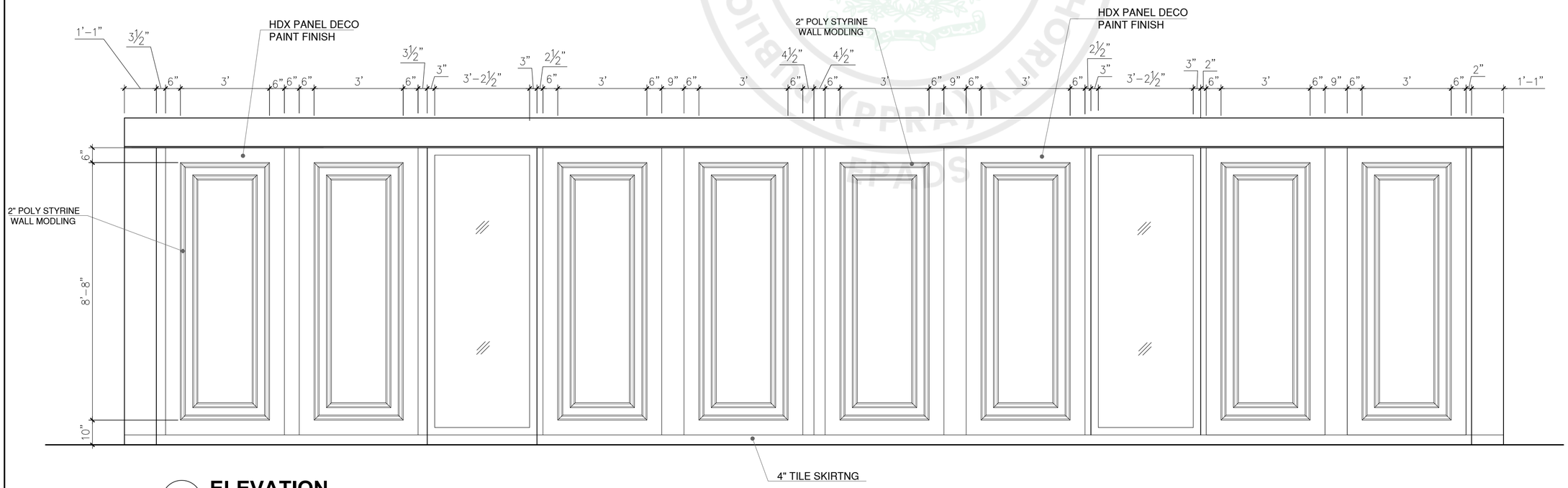
DRAWING NO.	REV
NICEEC-REB-TD-03-A732	00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



01 ELEVATION

Scale: 3/8"=1'-0"



02 ELEVATION

Scale: 3/8"=1'-0"

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PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

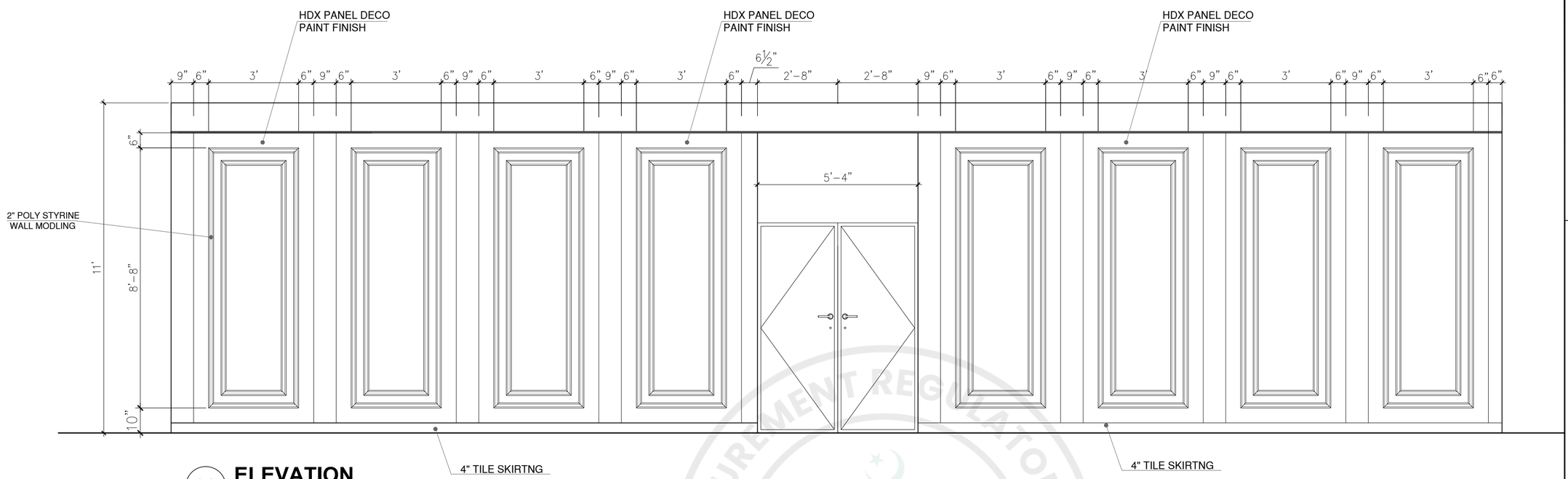
DRAWING TITLE:

BACKUP SECURITY ROOM ELEVATION 01&02

REV.	DATE	DESCRIPTION

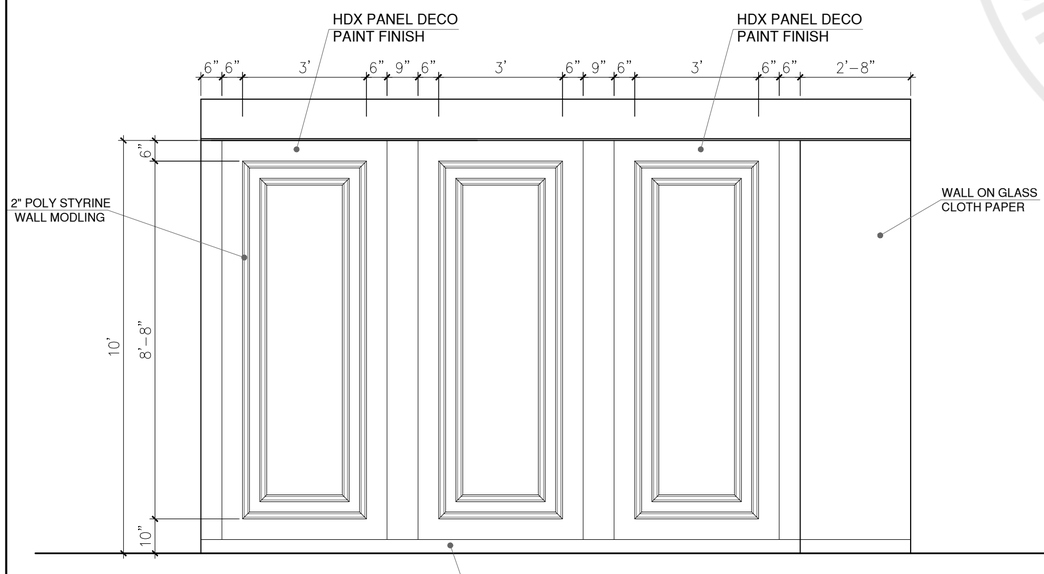
DATE: OCTOBER, 2026	SCALE: 3/8" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-TD-03A733	REV 00

PROCUREMENT REGULATORY AUTHORITY PUBLIC PRIVATE PARTNERSHIP EPADS



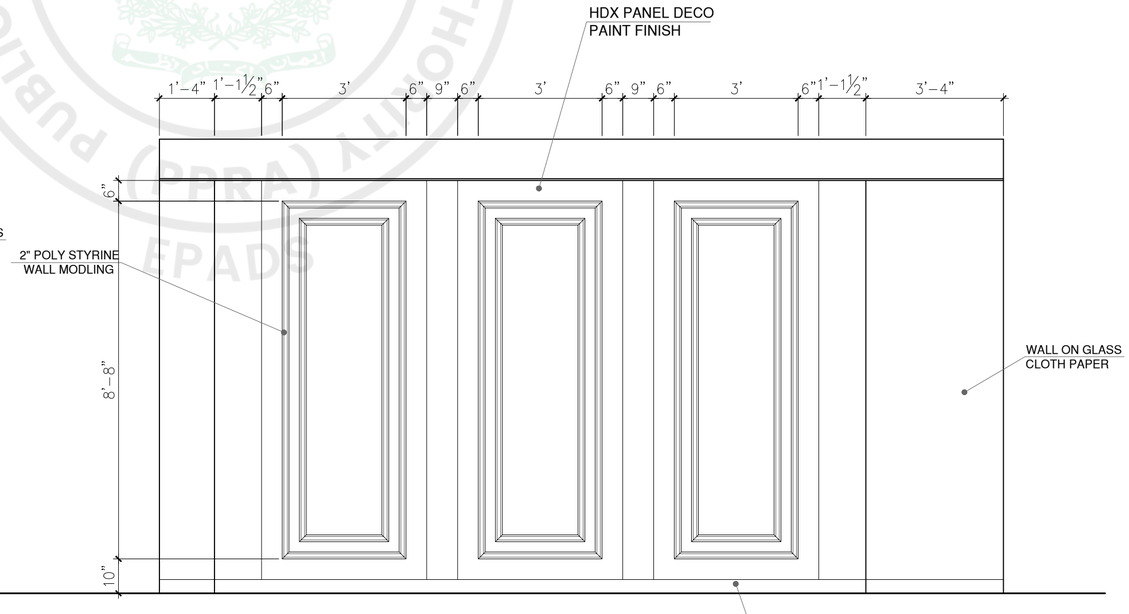
03 ELEVATION

Scale: 3/8"=1'-0"



04 ELEVATION

Scale: 3/8"=1'-0"



05 ELEVATION

Scale: 3/8"=1'-0"

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PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

BACKUP SECURITY ROOM ELEVATION 03,04 & 05

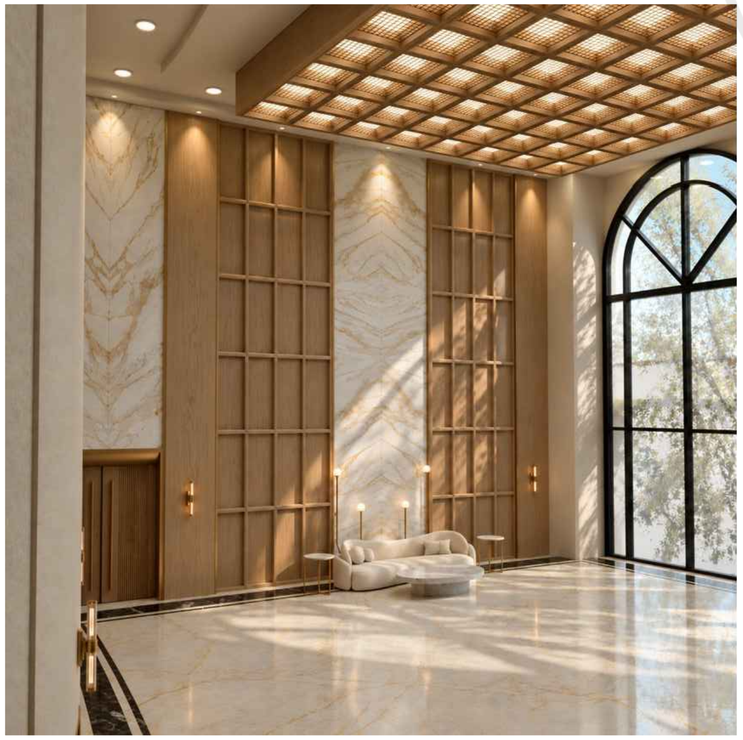
REV.	DATE	DESCRIPTION

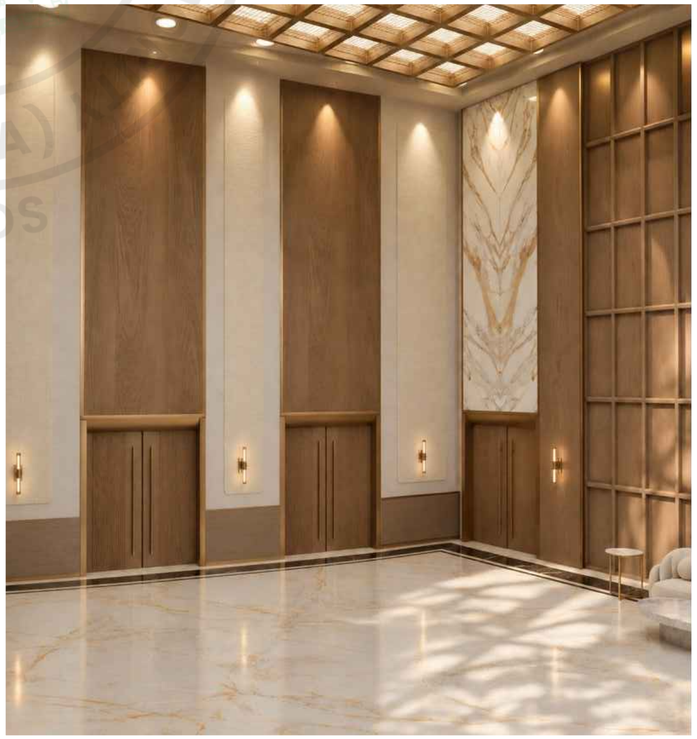
DATE: OCTOBER, 2026	SCALE: 3/8" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-TD-03A734	REV 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS









GENERAL NOTES:

1. ALL DIMENSIONS ARE IN FEET/INCHES, UNLESS OTHERWISE NOTED.
2. IF ANY ERROR OR OMISSION IS FOUND IN DRAWING THIS OFFICE MAY BE CONSULTED FOR RECTIFICATION.
3. FOR ANY FURTHER DETAIL /CLARIFICATION ON THE DRAWING PLEASE CONTACT THE PROJECT ARCHITECT.
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5. THE SITE DIMENSIONS AND PROFILE AS SHOWN ON THE LAYOUT PLAN MUST BE VERIFIED ON GROUND PRIOR TO COMMENCEMENT OF CONSTRUCTION IN ORDER TO AVOID COMPLICATIONS LATER ON.
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CLIENT:

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

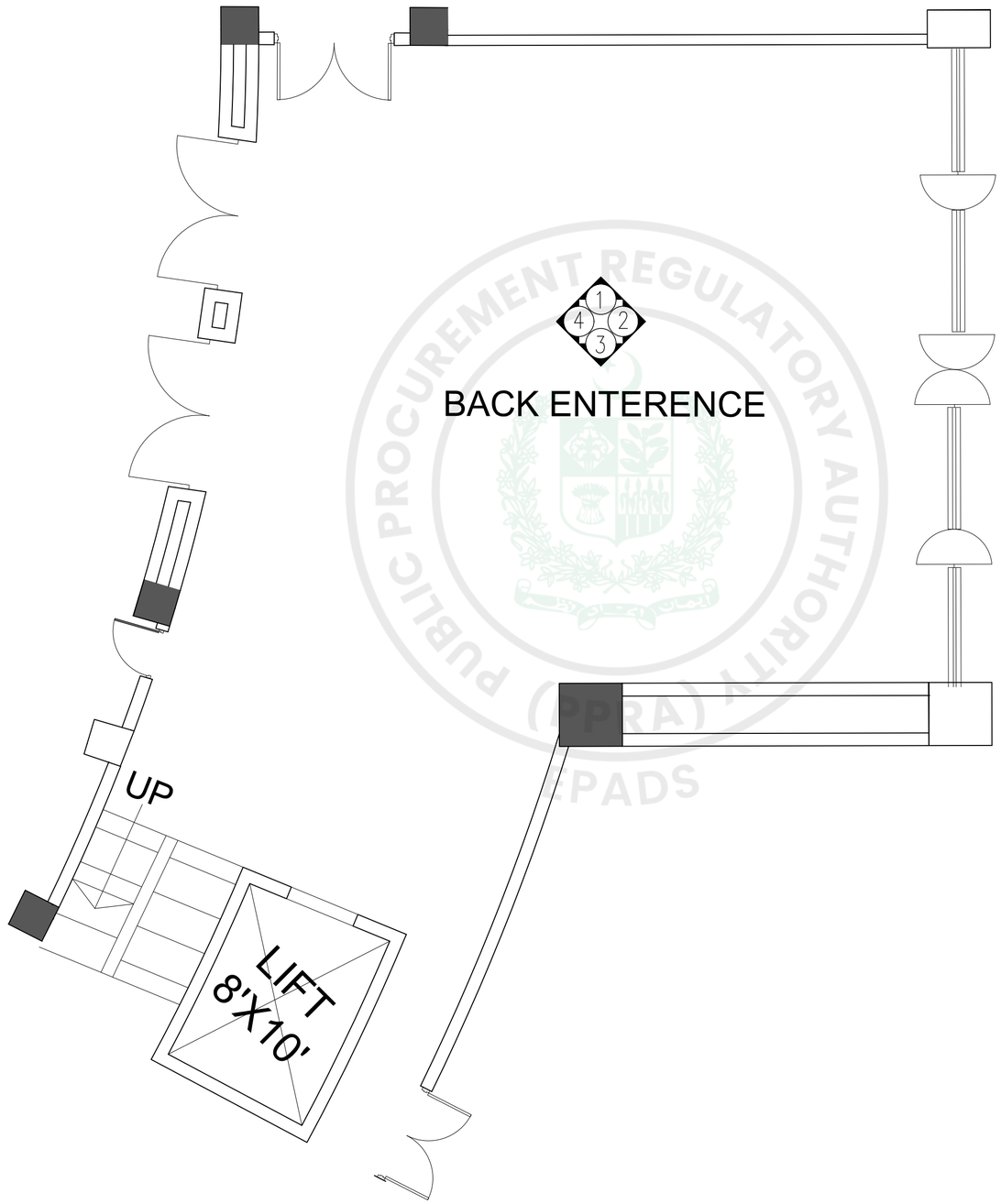
BACK ENT. LOBBY RENDER IMAGE

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE:
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:

DRAWING NO.	REV
NICEEC-REB-TD-03-A735a	00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



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CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

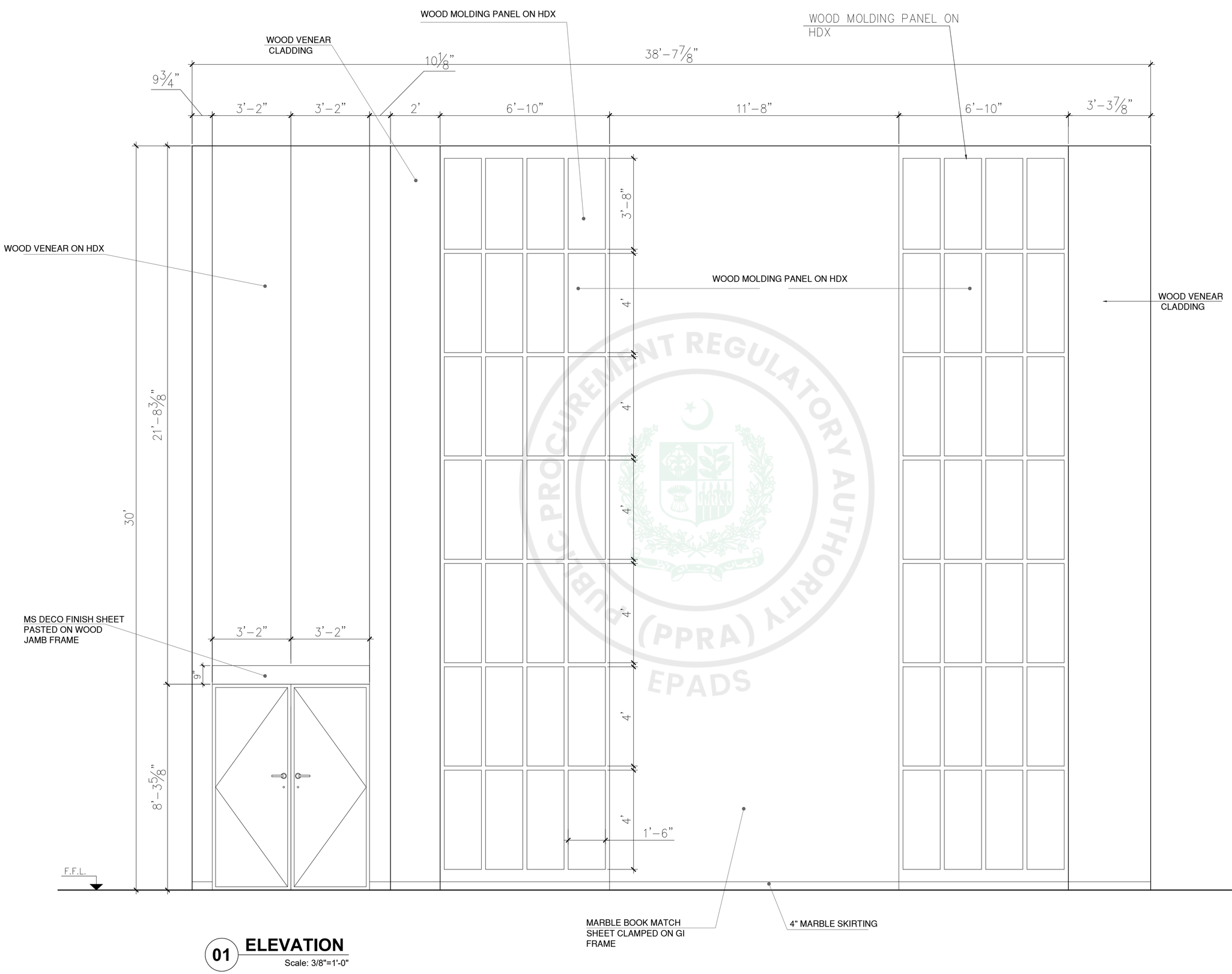
BACK ENT. LOBBY DETAIL

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 3/16" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:

DRAWING NO.	REV
NICEEC-REB-TD-03-A735	00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



01 ELEVATION
Scale: 3/8"=1'-0"

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CLIENT:

PROJECT:
CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:
PROPOSED DRAWINGS

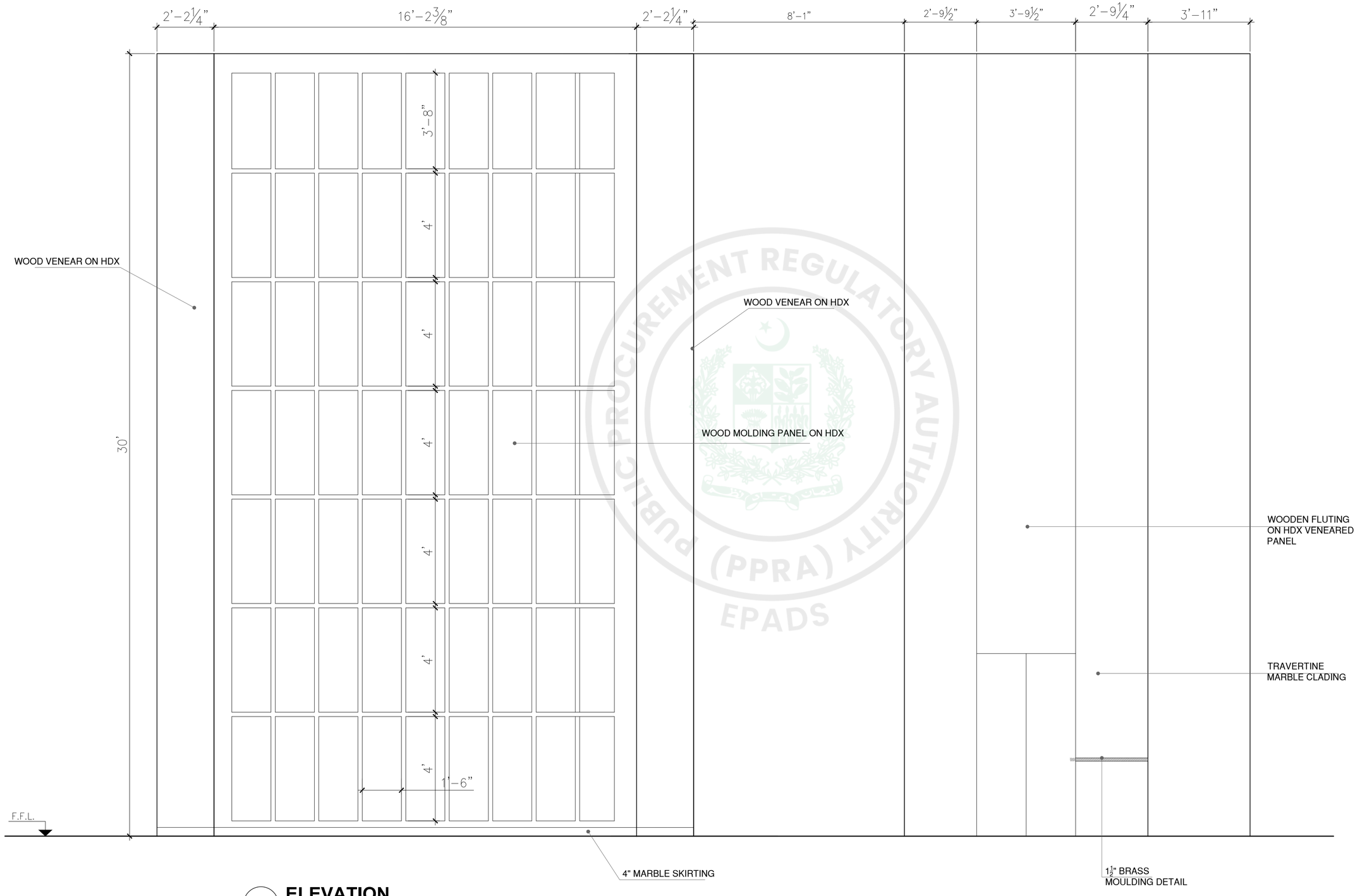
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BACK ENTRANCE LOBBY ELEVATION 01

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 3/8" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:

DRAWING NO.	REV
NICEEC-REB-TD-03-A736	00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



03 ELEVATION

Scale: 3/8"=1'-0"

GENERAL NOTES:

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CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

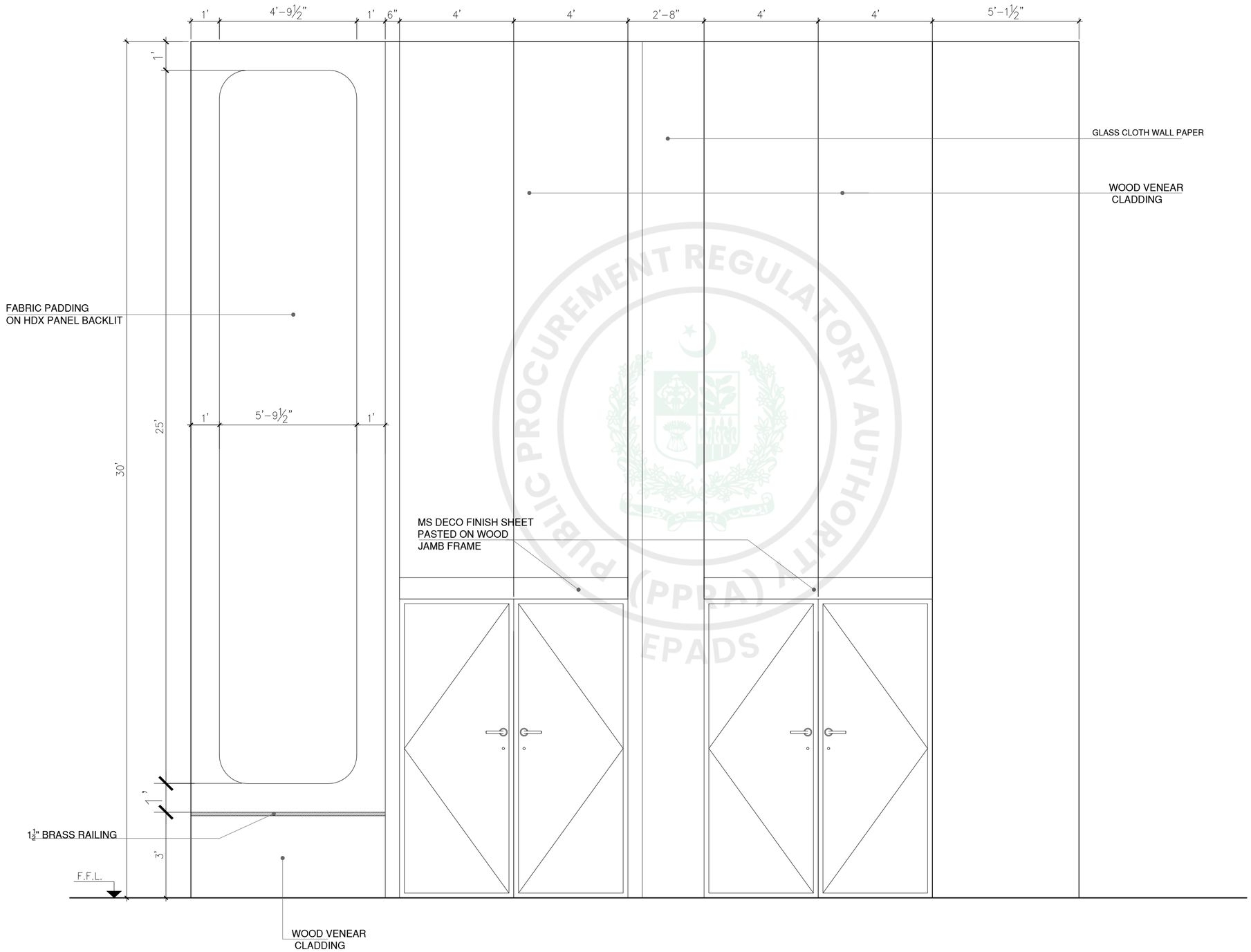
DRAWING TITLE:

BACK ENTRANCE LOBBY ELEVATION 03

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 3/8" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-TD-03A737	REV 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



04 ELEVATION

Scale: 3/8"=1'-0"

GENERAL NOTES:

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(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

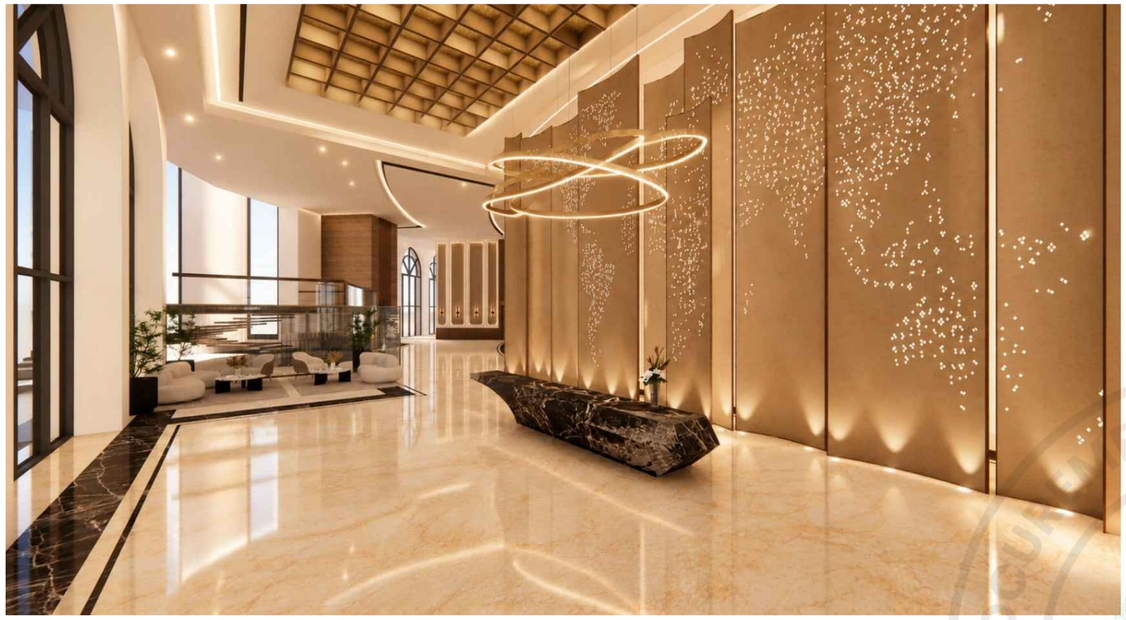
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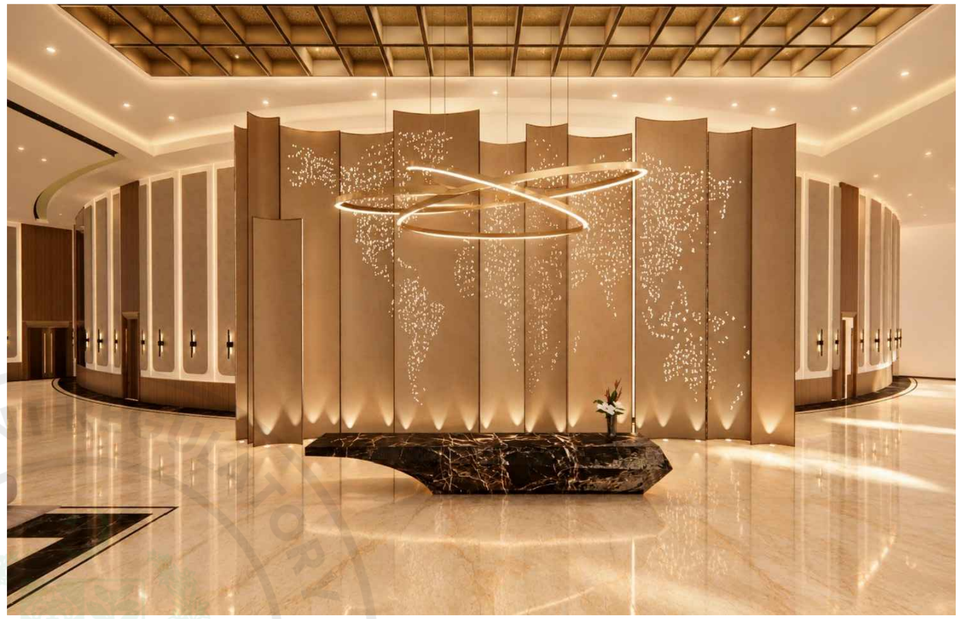
BACK ENTRANCE LOBBY ELEVATION 04

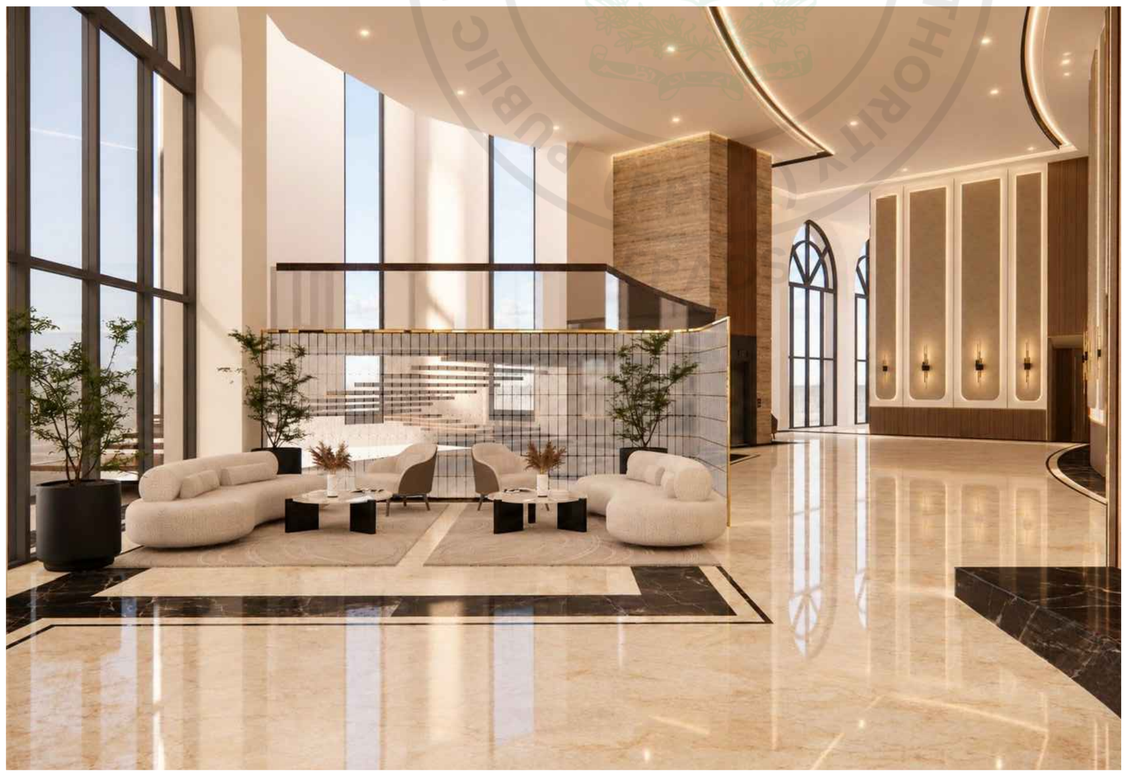
REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 3/8" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-TD-03A738	REV 00

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CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

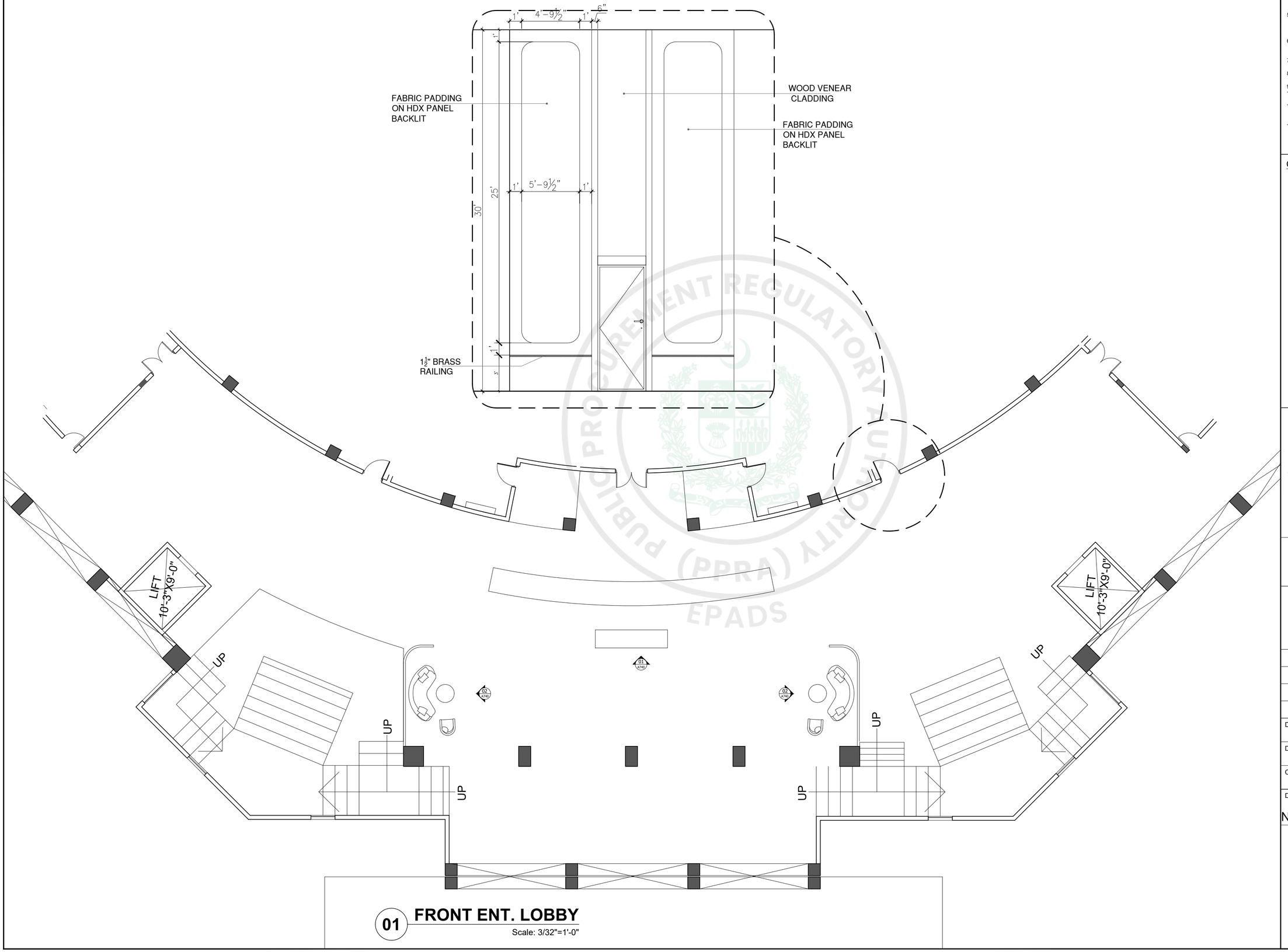
DRAWING TITLE:

MAIN ENT.LOBBY
RENDER IMAGE

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE:
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:

DRAWING NO.	REV
NICEEC-REB-TD-03A739a	00



01 FRONT ENT. LOBBY

Scale: 3/32"=1'-0"

GENERAL NOTES:

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(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

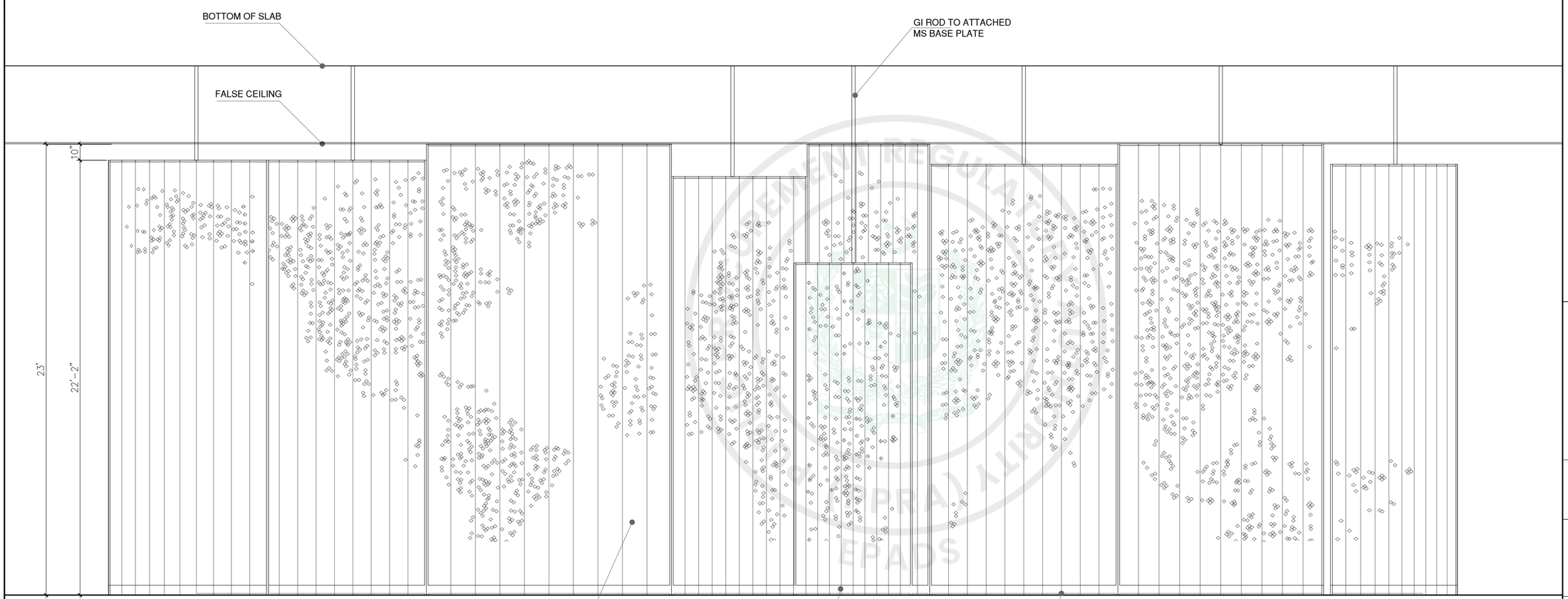
DRAWING TITLE:

MAIN ENT.LOBBY DETAIL

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 3/16" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-TD-03-A739	REV 00

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01 ELEVATION

Scale: 1/4"=1'-0"

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CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

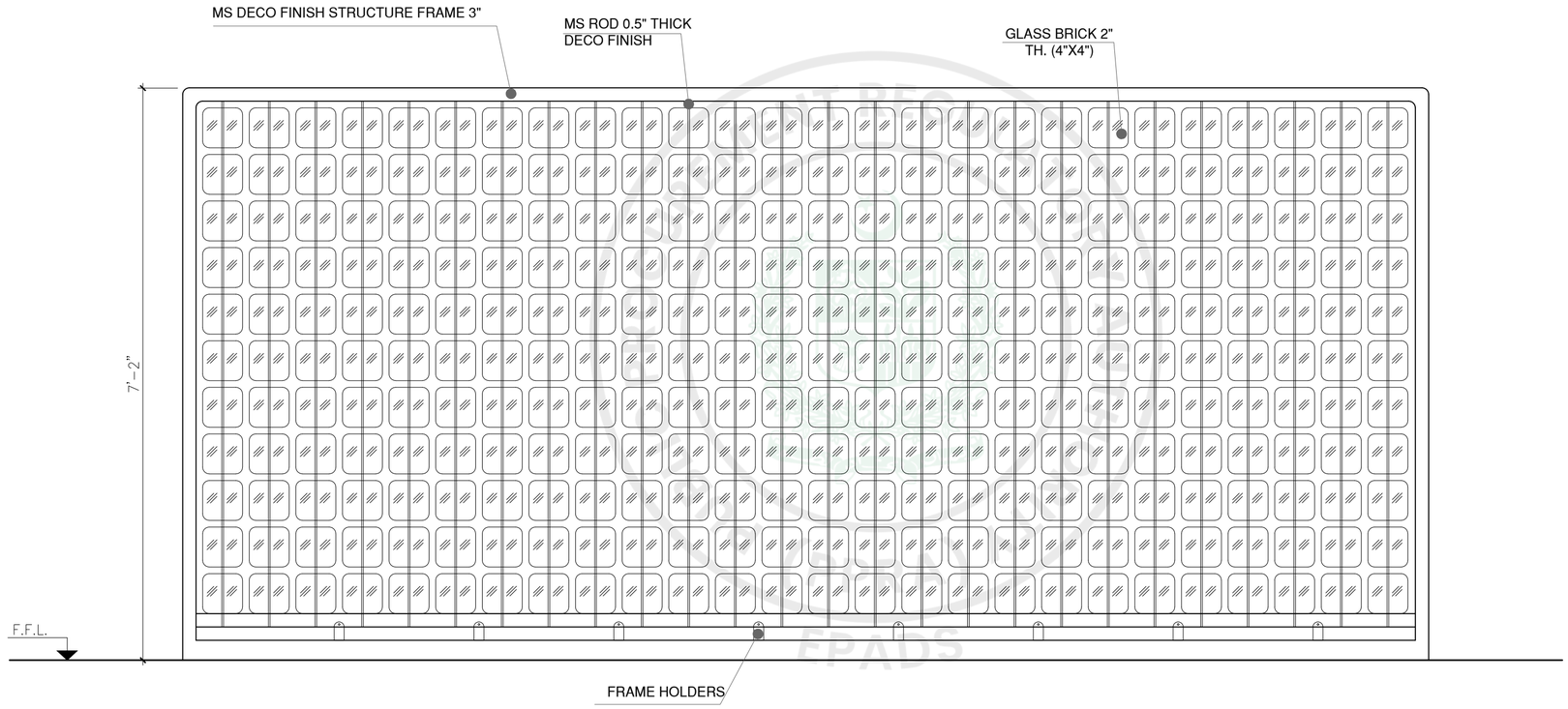
MAIN ENT.LOBBY ELEVATION 01

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 3/8" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:

DRAWING NO.	REV
NICEEC-REB-TD-03A740	00

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02 ELEVATION
Scale: 3/4"=1'-0"

GENERAL NOTES:

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PROJECT:
CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:
PROPOSED DRAWINGS

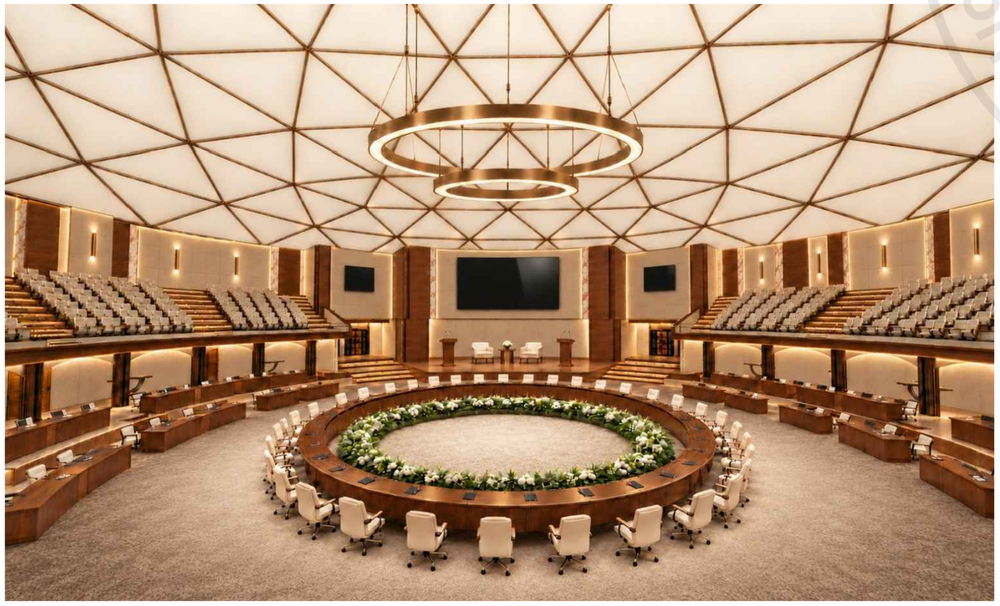
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MAIN ENT.LOBBY ELEVATION 02

REV.	DATE	DESCRIPTION

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DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-TDA-074-1	REV 00

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9. FOR TYPICAL DETAILS SECTION, USE REFERRED DETAILS.
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12. PLEASE VERIFY THE ROAD LEVELS WITH REFERENCE TO GRADING PLAN AS IT VARIES AT VARIOUS LOCATIONS /ENTRANCES OF THE BUILDING.

CLIENT:

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

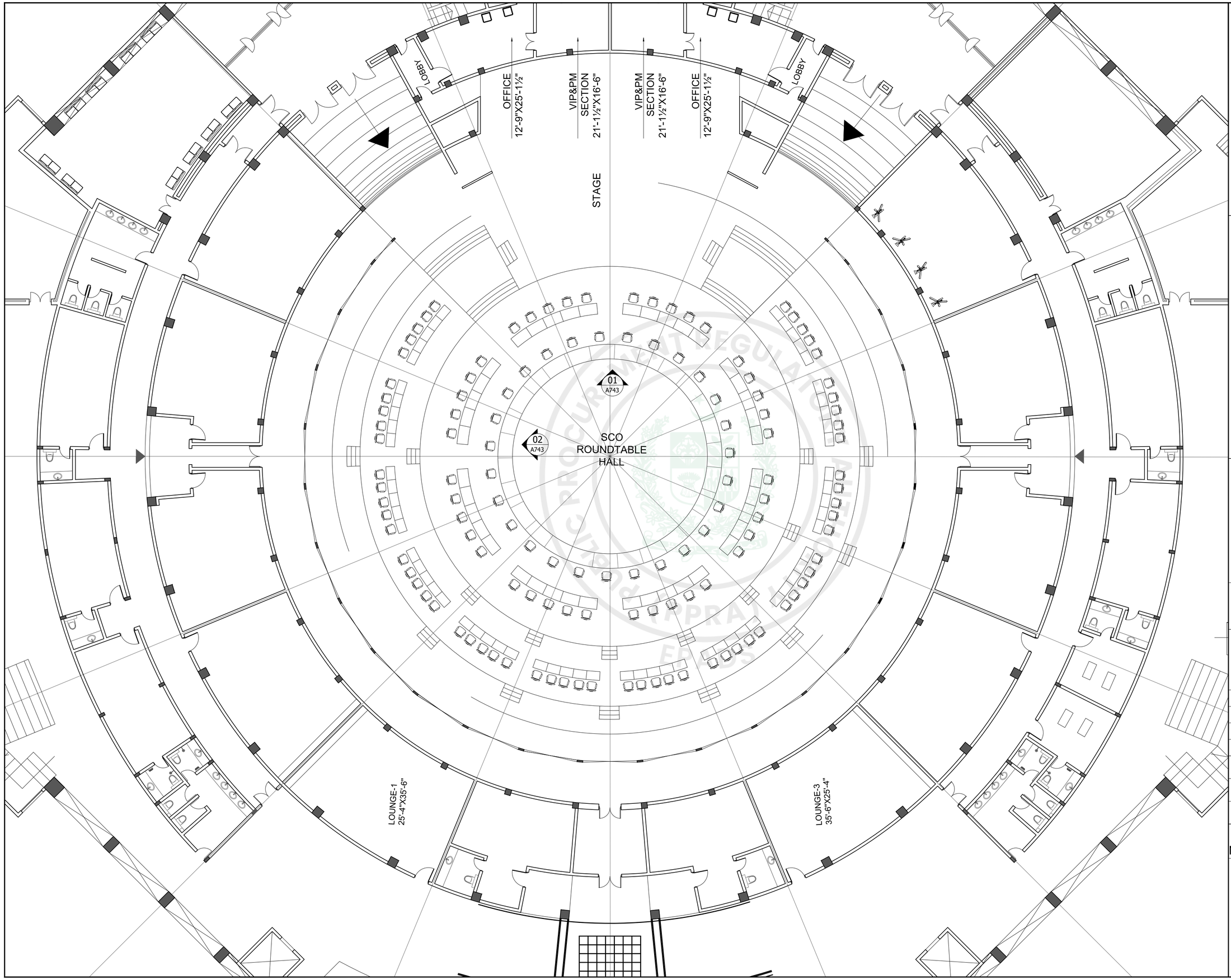
DRAWING TITLE:

CONVENTION HALL RENDER IMAGE

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE:
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:

DRAWING NO.	REV
NICEEC-REB-TD-03A742a	00



GENERAL NOTES:

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(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

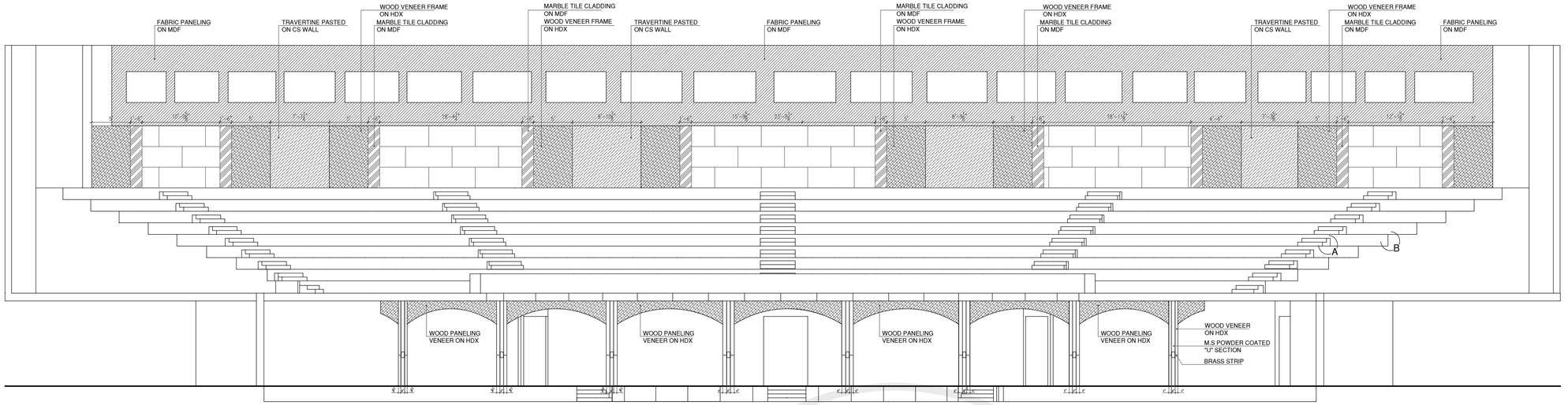
DRAWING TITLE:

CONVENTION HALL DETAIL

REV.	DATE	DESCRIPTION

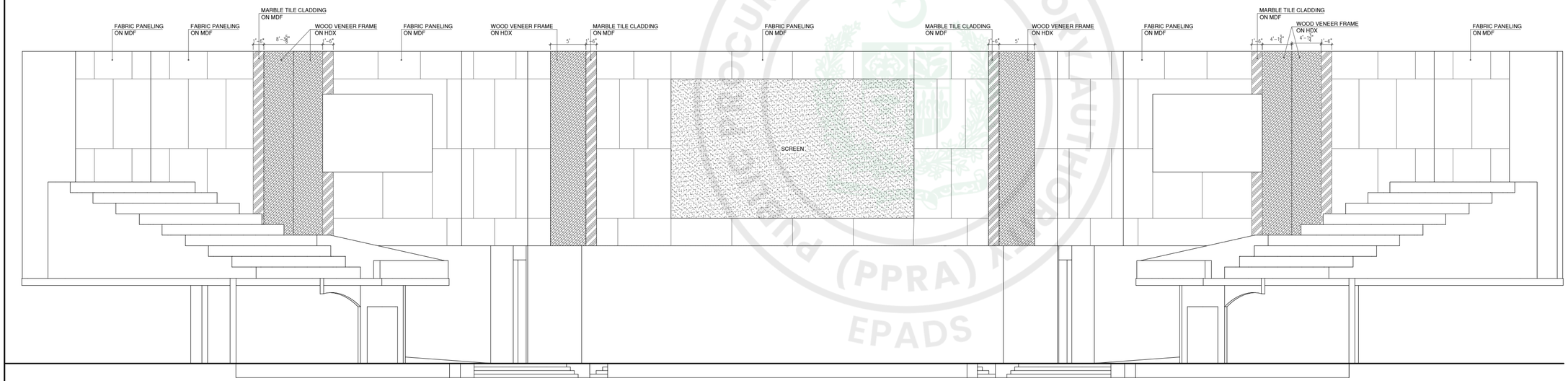
DATE: OCTOBER, 2026	SCALE: 3/16" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:

DRAWING NO.	REV
NICEEC-REB-TD-03A742	00



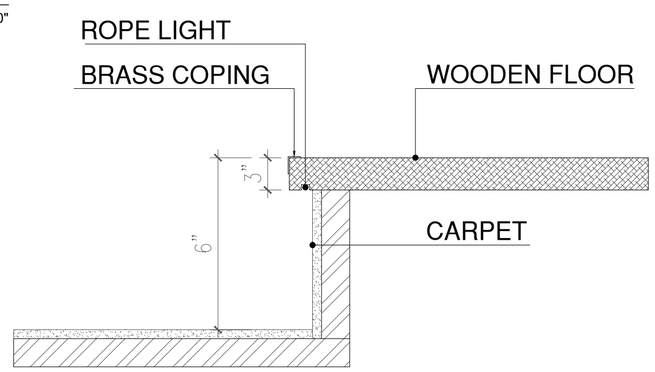
02 ELEVATION

Scale: 3/32"=1'-0"

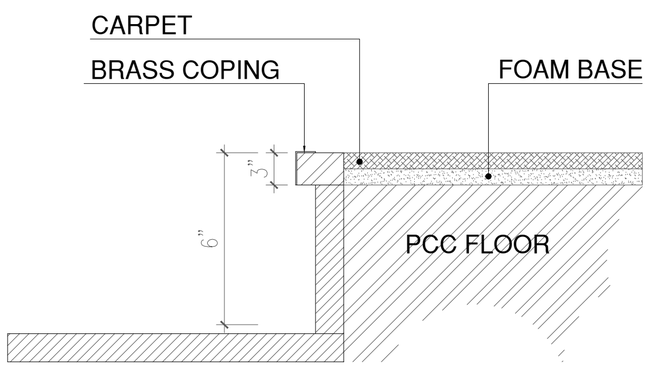


01 ELEVATION

Scale: 3/32"=1'-0"



BLOWUP DETAIL -'A'



BLOWUP DETAIL -'B'

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CLIENT:

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

(REVAMPING OF EXISTING BUILDING)

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

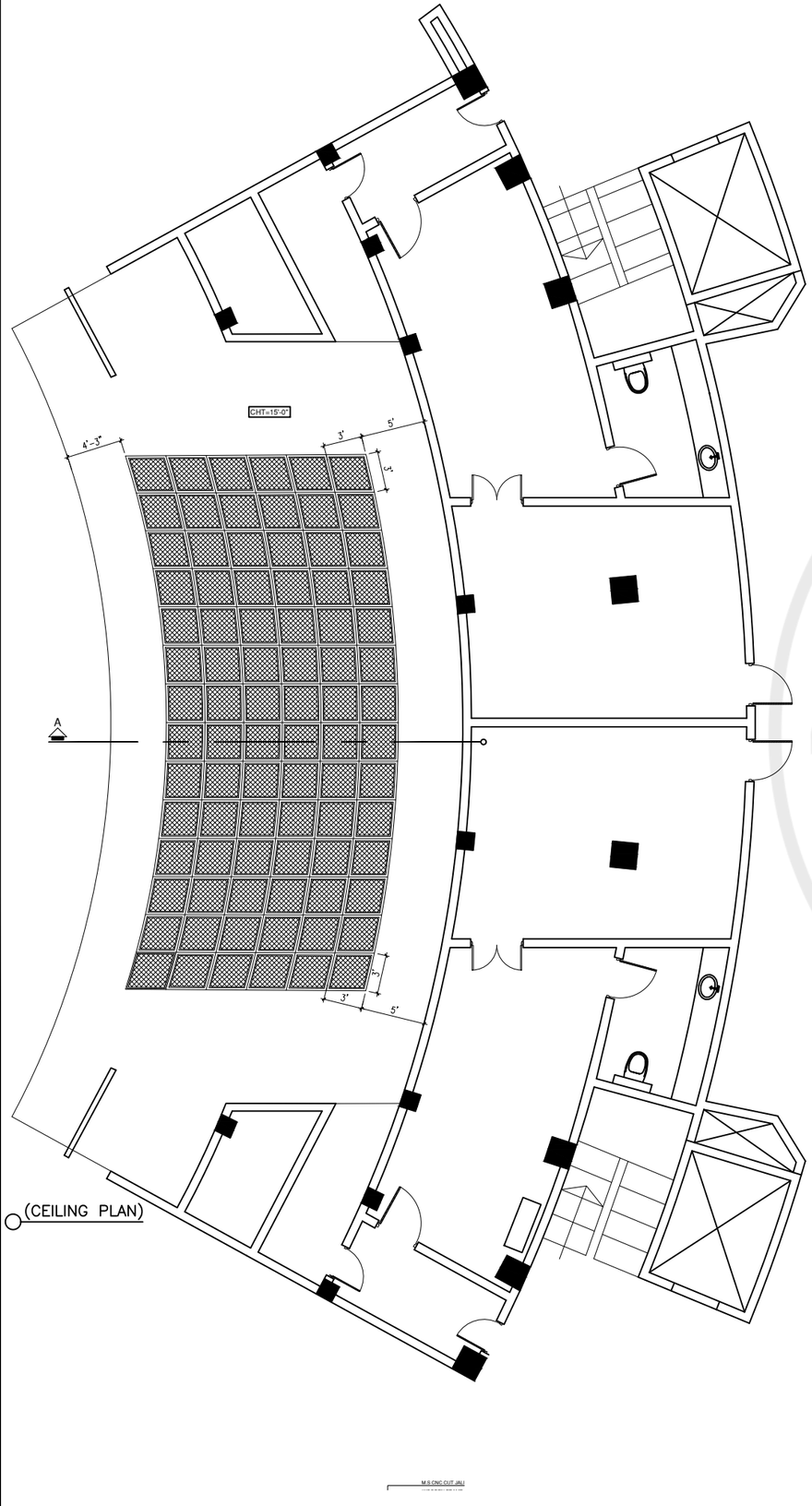
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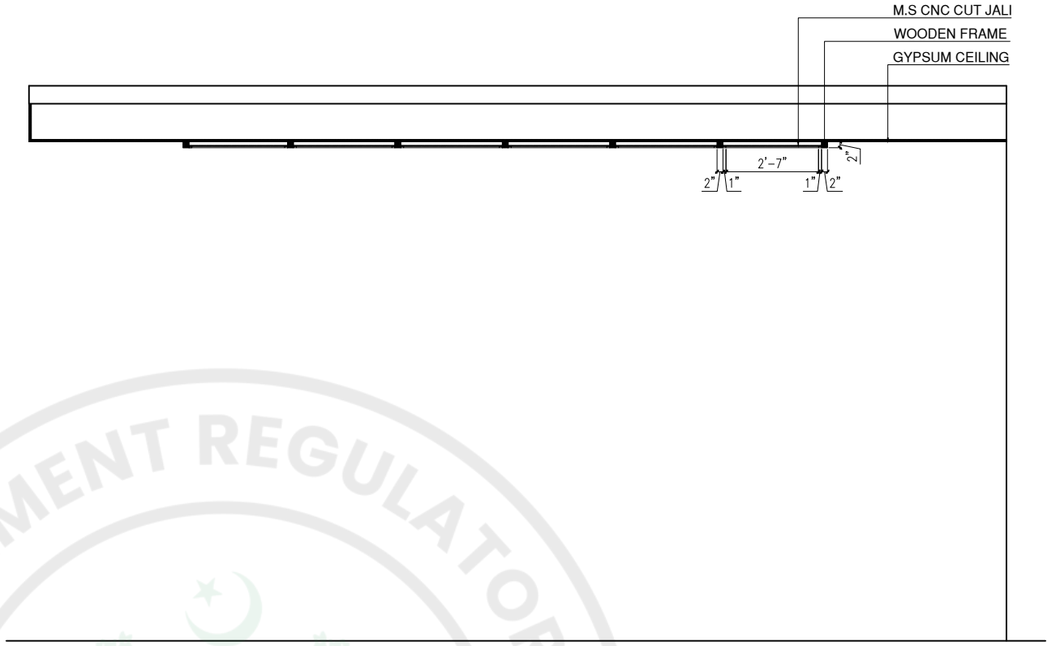
CONVENTION HALL ELEVATION 01

REV.	DATE	DESCRIPTION

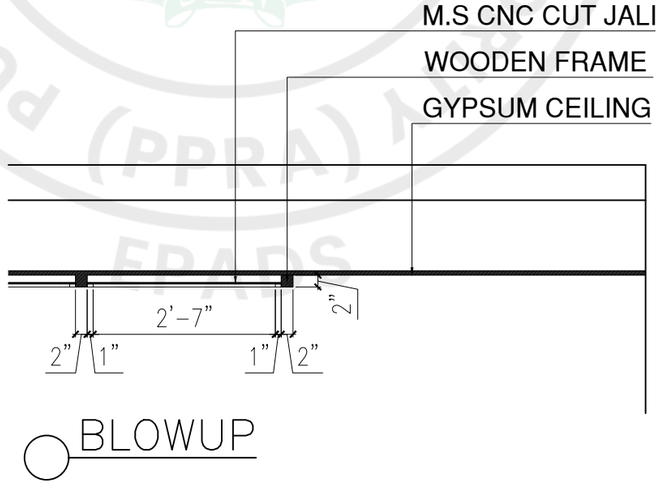
DATE: OCTOBER, 2026	SCALE: 3/32" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-REB-TD-03-A743	REV 00

PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS





SECTION–A
CEILING SECTION



BLOWUP

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN FEET/INCHES, UNLESS OTHERWISE NOTED.
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CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

CONVENTION HALL CEILING DETAIL

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 3/16" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-ISD-03-A744	REVISION: 00

IDAP
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PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

CONSTRUCTION OF NEW CONVENTION CENTER
ISLAMABAD

TENDER DRAWINGS

ARCHITECTURE

OCTOBER, 2026

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

ABBREVIATIONS

A	
A/C	AIR CONDITIONING
AHU	AIR HANDLING UNIT
ALUM.	ALUMINUM
ANOD	ANODIZED
AR/A	ARCHITECTURAL
B	
BLDG	BUILDING
BD	BOARD
BOT.O.	BOTTOM OF
BOS	BOTTOM OF SLAB
BSMT	BASEMENT
BV	BLAST VALVE
C	
CLG	CEILING
CEM	CEMENT
COL	COLUMN
CONC	CONCRETE
CONT	CONTINUOUS
CMU	CONCRETE MASONRY UNIT
CW	CURTAIN WALL
D	
DET	DETAIL
DN	DOWN
DR/D	DOOR
DRN	DRAIN
DWG	DRAWING
DIM	DIMENSION
D.O.	DROP OFF
E	
E	EAST , EASTING
ED	EMERGENCY DOOR
EL	ELEVATION
ELEC	ELECTRIC/ELECTRICAL
EQ	EQUAL
EQPT	EQUIPMENT
EXP	EXPANSION
EXP JT	EXPANSION JOINT
EXT	EXTERIOR
EWC	EASTERN WATER CLOSET
EWH	ELECTRIC WATER HEATER

F	
FFL	FINISH FLOOR LEVEL
FH	FIRE HYDRANT
FHC	FIRE HOSE CABINET
FIN	FINISH
FLR	FLOOR
FR	FIRE RESISTIVE
G	
GALV	GALVANIZED
GEN/G	GENERAL
GLS	GLASS
GRC	GLASS FIBER REINFORCED CEMENT
GRD	GROUND
GRG	GLASS FIBER REINFORCED GYPSUM
GYP	GYPSUM
H	
H	HOOK
HR	HOUR
HT	HEIGHT
HW	HARDWARE
I	
ID	INTERIOR DESIGN
INT	INTERIOR
J	
JAN	JANITOR
JT	JOINT
K	
KS	KITCHEN SINK
KIT	KITCHEN
L	
L	LENGTH
LAV	LAVATORY
LEV	LEVEL
LS	LANDSCAPE
LTG	LIGHTING

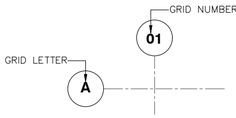
M	
M	METER/MIRROR
MACH	MACHINE
MAX	MAXIMUM
MDF	MEDIUM DENSITY FIBERBOARD
MECH	MECHANICAL
MET	METAL
MEZZ	MEZZANINE
MFTR	MANUFACTURER
MH	MANHOLE
MID	MIDDLE
MIN	MINIMUM
MM	MILLIMETER
MO	MASONRY OPENING
MNTD	MOUNTED
MNT	MINUTE
N	
N	NORTH , NORTHING
NIC	NOT IN CONTRACT
NO	NUMBER
NTS	NOT TO SCALE
O	
OC	ON CENTER
OPNG	OPENING
P	
PART/P	PARTITION
PC	PRECAST
PLAS	PLASTER
PLYBD	PLYBOARD
PNL	PANEL
PR	PAIR
PTG	PLANTING
R	
R	RADIUS
RAC	ROOM AIR CONDITIONER
RC	REINFORCED CONCRETE
RD	ROOF DRAIN
RE/REF	REFER
REQ	REQUIRED
RM	ROOM
RP	REMOVABLE PANEL

S	
S	SOUTH , SLOPE
SB	SPLASH BLOCK
SECT/SEC	SECTION
SIM	SIMILAR
SQ	SQUARE
SRDN	SCUPPER ROOF DRAIN
SSTL	STAINLESS STEEL
SS	STRUCTURAL SLAB
STC	SOUND TRANSMISSION CLASS
STD	STANDARD
STL	STEEL
STO	STORAGE
STRUC	STRUCTURE
SUSP	SUSPENDED
T	
T&B	TOILET AND BATH
TD	TRENCH DRAIN
THK	THICK
TO.	TOP OF
TOC	TOP OF CONCRETE
T.O.S.S	TOP OF STRUCTURAL SLAB
TYP	TYPICAL
TOW	TOP OF WALL
U	
UL	UNDERWRITER LABORATORIES
UR	URINAL
UNO	UNLESS NOTED OTHERWISE
V	
VIP	VERY IMPORTANT PERSON
VERT	VERTICAL
W	
W	WEST/WIDTH
W/	WITH
WC	WATER CLOSET
WD	WOOD
WDO/W	WINDOW
WH	WEEP HOLE
WP	WORKING POINT

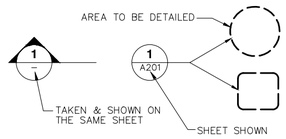
&	AND
%	PERCENT
ø	DIAMETER
@	AT
℄	CENTER LINE
#	NUMBER
≃	APPROXIMATE

SYMBOLS

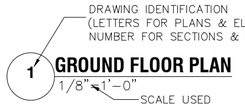
GRID LINES



DETAIL CALLOUT



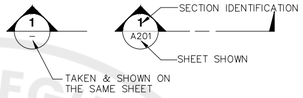
DRAWING TITLE



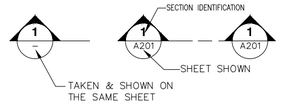
BLDG ELEVATION CALLOUT



SECTION CUT



SECTION CUT



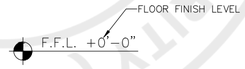
INTERIOR ELEVATION CALLOUT



REVISION



LEVEL ID



DATUM POINT, WORKING POINT	CW CURTAIN WALL
DOOR DESIGNATION KEY	W WINDOW TYPE
PC01 PRECAST PANEL TYPE	D DOOR TYPE
023 EQUIPMENT NUMBER	L LOUVER TYPE
WALL TYPE	A ARCH TYPE
GD GLAZED DOOR TYPE	

LEGENDS

- COMPACTED NATURAL SOIL (EXCAVATED & REFILLED)
- REINFORCED CONCRETE
- BRICK WALL
- DRY WALL PARTITIONS
- BLOCKS WALL
- SCOPE OF LIMIT LINE
- PLASTER AND GROUT
- MEMBRANE WATERPROOFING / VAPOR
- INSULATION (RIGID)
- INSULATION (LOOSE)
- STEEL AND IRON
- GRASS
- WOOD BLOCKING
- GLASS (LARGE SCALE)
- RUBBER, PLASTIC AND SEALANT
- STONE CLADDING
- ACOUSTIC TILE (LARGE SCALE)
- WOOD FINISH (PLAN & SECTION)

DISCIPLINES & DRAWINGS SERIES KEY

DISCIPLINES KEY

G / GN	GENERAL
PK	PACKAGE
D	DEMOLITION
C	CIVIL
L	LANDSCAPE
A	ARCHITECTURE
S	STRUCTURE
M	HVAC
P	PLUMBING
E	ELECTRICAL

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9. ALL EXPOSED FACES OF WOOD,WOOD VENEER,WOOD PLY BOARD SHALL BE POLISHED AS PER SHADE APPROVED BY THE PROJECT ARCHITECT, IN CHARGE.
10. FOR TYPICAL DETAILS SECTION, USE REFERRED DETAILS.
11. CONTRACTOR TO COORDINATE ALL OPENINGS IN SHEAR WALLS WITH ARCHITECTUR DRAWINGS BEFORE COMMENCEMENT OF WORK.
12. PLINTH PROTECTION SHOULD BE AS PER SITE OR 3'-0" WIDE.(MIN.)

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

(GENERAL DRAWINGS)

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

ABBREVIATIONS, SYMBOLS & LEGEND

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO.: CNCCI-GD-04- G002	REVISION: 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

LIST OF DRAWINGS (ARCHITECTURE)

SR NO.	DRAWING NO.	DRAWING TITLE	SR NO.	DRAWING NO.	DRAWING TITLE
	GENERAL DRAWINGS			TYPICAL DETAILS	
1	NICEEC-ISD-GD-03-G001	LIST OF DRAWINGS	37	CNCCI-NCC-04-A701	WALL TYPES -1
2	NICEEC-ISD-GD-03-G002	ABBREVIATIONS, SYMBOLS & LEGEND	38	CNCCI-NCC-04-A701a	WALL TYPES - 2
	MASTER PLAN		39	CNCCI-NCC-04-A702	TYPICAL DETAILS - 1
3	CNCCI-ED-04-MP101	MASTER PLAN	40	CNCCI-NCC-04-A703	TYPICAL DETAILS - 2
			41	CNCCI-NCC-04-A704	TYPICAL DETAILS - 3
	CONVENTION CENTER		42	CNCCI-NCC-04-A705	TYPICAL DETAILS - 4
4	CNCCI-NCC-04-A101	GROUND FLOOR WORKING PLAN	43	CNCCI-NCC-04-A706	TYPICAL DETAILS - 5
5	CNCCI-NCC-04-A102	FIRST FLOOR WORKING PLAN	44	CNCCI-NCC-04-A707	TYPICAL DETAILS - 6
6	CNCCI-NCC-04-A103	MUMTY FLOOR WORKING PLAN	45	CNCCI-NCC-04-A708	TYPICAL DETAILS - 7
7	CNCCI-NCC-04-A104	ROOFTOP WORKING PLAN	46	CNCCI-NCC-04-A709	TYPICAL DETAILS - 8
8	CNCCI-NCC-04-A151	GROUND FLOOR FURNITURE LAYOUT PLAN	47	CNCCI-NCC-04-A710	THRESHOLD DETAILS (TYP.)
9	CNCCI-NCC-04-A152	FIRST FLOOR FURNITURE LAYOUT PLAN	48	CNCCI-NCC-04-A711	MISC. SITE / LANDSCAPE DETAILS
10	CNCCI-NCC-04-A153	MUMTY FLOOR FURNITURE LAYOUT PLAN	49	CNCCI-NCC-04-A712	TYPICAL TOILET PARTITION DETAILS
11	CNCCI-NCC-04-A161	ROOM FINISHES SCHEDULE	50	CNCCI-NCC-04-A713	TYPICAL DADO DETAILS
12	CNCCI-NCC-04-A201	ELEVATION 01	51	CNCCI-NCC-04-A714	GYPBD DETAILS
13	CNCCI-NCC-04-A301	SECTION A	52	CNCCI-NCC-04-A715	FIRE HYDRANT CABINET DETAIL
14	CNCCI-NCC-04-A551	DOOR & WINDOW SCHEDULE	53	CNCCI-NCC-04-A718	TYPICAL FALSE CEILING DETAILS
15	CNCCI-NCC-04-A562	INTERNAL SIGNAGE LEGEND	54	CNCCI-NCC-04-A719	LOUNGE-3 DETAIL
16	CNCCI-NCC-04-A601	INTERNAL SIGNAGE ELEVATION AND TYPICAL DETAIL-I	55	CNCCI-NCC-04-A720	ELEVATION A & B
17	CNCCI-NCC-04-A602	INTERNAL SIGNAGE ELEVATION AND TYPICAL DETAIL-II	56	CNCCI-NCC-04-A721	VIP ROOM-1 DETAIL
18	CNCCI-NCC-04-A603	INTERNAL SIGNAGE ELEVATION AND TYPICAL DETAIL-III	57	CNCCI-NCC-04-A722	ELEVATION A & C
19	CNCCI-NCC-04-A604	INTERNAL SIGNAGE ELEVATION AND TYPICAL DETAIL-IV	58	CNCCI-NCC-04-A723	MEETING ROOM DETAIL
20	CNCCI-NCC-04-A605	INTERNAL SIGNAGE ELEVATION AND TYPICAL DETAIL-V	59	CNCCI-NCC-04-A724	ELEVATION A ,B & D
21	CNCCI-NCC-04-A606	INTERNAL SIGNAGE ELEVATION AND TYPICAL DETAIL-VI	60	CNCCI-NCC-04-A725	OFFICE DETAIL
22	CNCCI-NCC-04-A607	INTERNAL SIGNAGE ELEVATION AND TYPICAL DETAIL-VII	61	CNCCI-NCC-04-A726	ELEVATION A ,C & D
23	CNCCI-NCC-04-A608	GROUND FLOOR INTERNAL SIGNAGE TAGGING PLAN	62	CNCCI-NCC-04-A727	BOARD ROOM DETAIL
24	CNCCI-NCC-04-A609	FIRST FLOOR INTERNAL SIGNAGE TAGGING PLAN	63	CNCCI-NCC-04-A728	ELEVATION A ,C & D
25	CNCCI-NCC-04-A610	MUMTY FLOOR INTERNAL SIGNAGE TAGGING PLAN	64	CNCCI-NCC-04-A729	GOVT. MEDIA ROOM DETAIL
26	CNCCI-NCC-04-A611	ROOFTOP FLOOR INTERNAL SIGNAGE TAGGING PLAN	65	CNCCI-NCC-04-A730	ELEVATION 01 & 02
27	CNCCI-NCC-04-A801	GROUND FLOOR FIX FURNITURE TAGGING PLAN	66	CNCCI-NCC-04-A731	ELEVATION 03 & 04
28	CNCCI-NCC-04-A802	FIRST FLOOR FIX FURNITURE TAGGING PLAN	67	CNCCI-NCC-04-A732	BACKUP SCURITY ROOM DETAIL
29	CNCCI-NCC-04-A803	MUMTY FLOOR FIX FURNITURE TAGGING PLAN	68	CNCCI-NCC-04-A733	ELEVATION 01 & 02
			69	CNCCI-NCC-04-A734	ELEVATION 03, 04 & 05
	ANCILLARY BUILDING		70	CNCCI-NCC-04-A735	BACK ENT. LOBBY DETAIL
30	CNCCI-AB-04-A101	METERING ROOM DETAIL	71	CNCCI-NCC-04-A736	ELEVATION 01
31	CNCCI-AB-04-A102	M.V. ROOM DETAIL - I	72	CNCCI-NCC-04-A737	ELEVATION 03
32	CNCCI-AB-04-A103	L.V ROOM DETAIL - I	73	CNCCI-NCC-04-A738	ELEVATION 04
33	CNCCI-AB-04-A104	L.V ROOM DETAIL - II	74	CNCCI-NCC-04-A739	MAIN ENT.LOBBY DETAIL
34	CNCCI-AB-04-A105	TRANSFORMER ROOM DETAIL - I	75	CNCCI-NCC-04-A740	ELEVATION 01
35	CNCCI-AB-04-A106	TRANSFORMER ROOM DETAIL - II	76	CNCCI-NCC-04-A741	ELEVATION 02
36	CNCCI-AB-04-A107	GEN SETS PAD DETAIL	77	CNCCI-NCC-04-A742	CONVENTION CENTER HALL DETAIL
			78	CNCCI-NCC-04-A743	ELEVATION 01 & 02
			79	CNCCI-NCC-04-A744	CONVENTION HALL CEILING DETAIL

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

(GENERAL DRAWINGS)

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

LIST OF DRAWINGS

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:

DRAWING NO.	REVISION:
CNCCI-GD-04- G001	00

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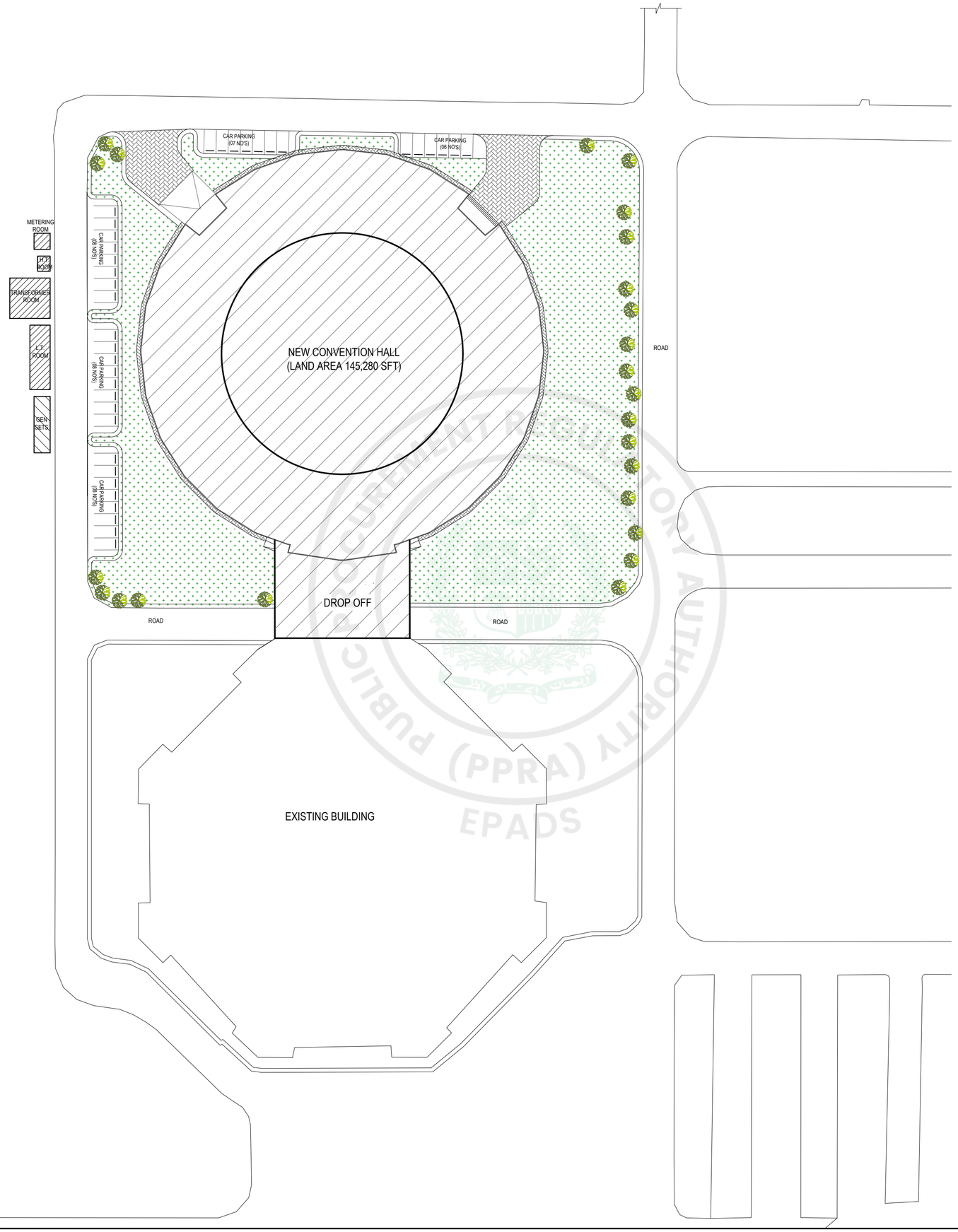
MASTER PLAN

TENDER DRAWINGS

ARCHITECTURE

OCTOBER, 2026

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NORTH

GENERAL NOTES:

1. PLANTATION OF NEW TREES AND MAINTENANCE OF EXISTING TREES WHICH ARE NOT THE PART OF PACKAGE WILL BE AS PER EIA GUIDE LINES.
2. GEOMETRIC DESIGN OF PAVERS WILL BE AS PER PAVEMENTS ROAD DEPARTMENT.
3. PLEASE VERIFY THE ROAD LEVELS WITH REFERENCE TO GRADING PLAN AS IT VARIES AT VARIOUS LOCATIONS /ENTRANCES OF THE BUILDING.
4. THE MADE UP ROAD LEVEL IS REFERRED AS ±0'-0" ALL LEVELS IN ARCHITECTURAL DRAWINGS ARE REFERRED FROM (±0'-0")

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

(EXTERNAL DEVELOPMENT)

PROJECT STATUS:

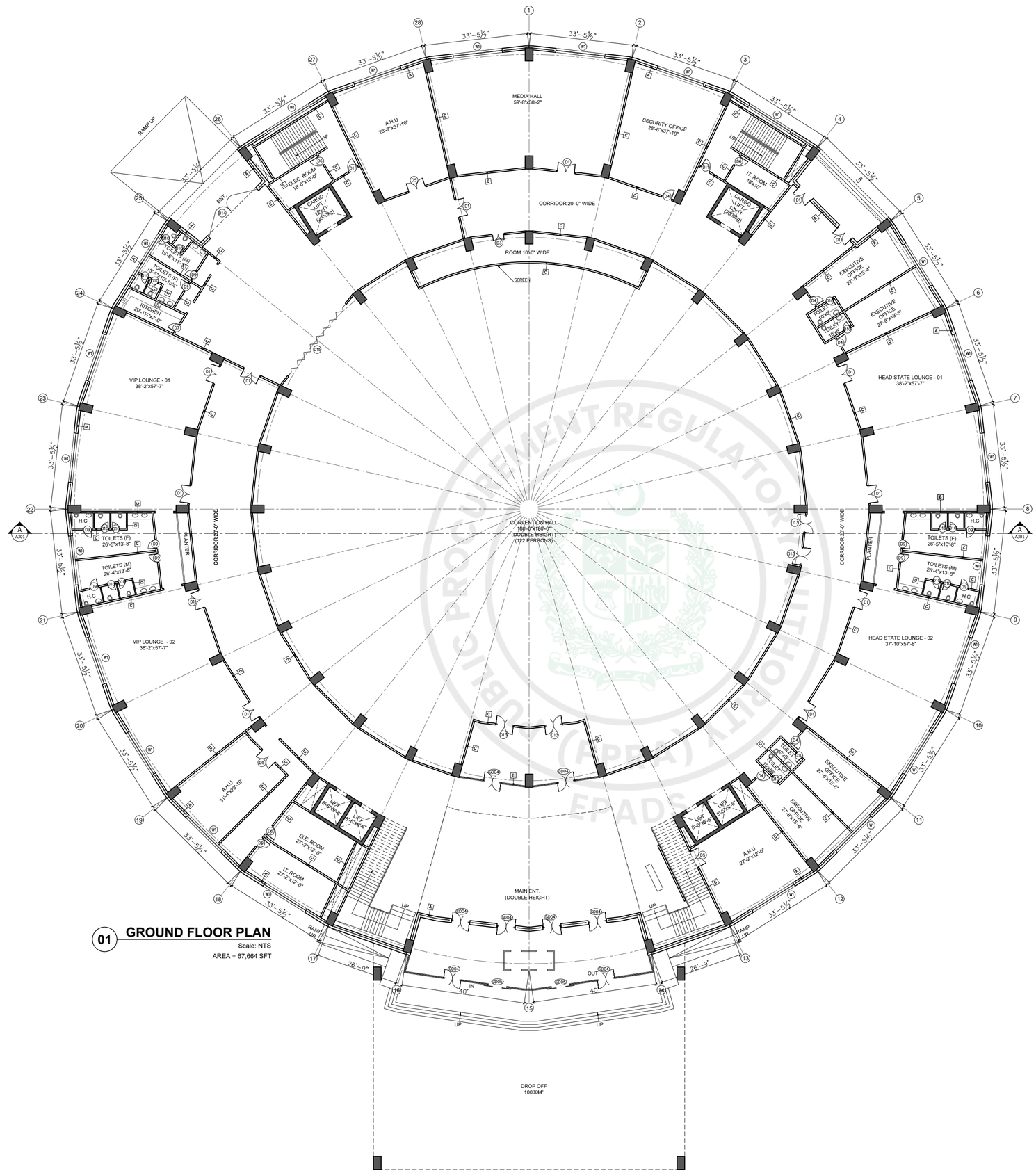
PROPOSED DRAWINGS

DRAWING TITLE:

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE:
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-ED-04-	REV. 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



01 GROUND FLOOR PLAN

Scale: NTS

AREA = 67,664 SFT

SCHEDULE OF AREA	
GROUND FLOOR	67,664 SFT
FIRST FLOOR	70,884 SFT
MUMTY FLOOR	10,296 SFT
ROOF FLOOR	2,396 SFT
TOTAL COV. AREA	151,240 SFT

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN FEET/INCHES, UNLESS OTHERWISE NOTED.
2. IF ANY ERROR OR OMISSION IS FOUND IN DRAWING THIS OFFICE MAY BE CONSULTED FOR RECTIFICATION.
3. FOR ANY FURTHER DETAIL /CLARIFICATION ON THE DRAWING PLEASE CONTACT THE PROJECT ARCHITECT.
4. ALL NECESSARY NOC'S/PERMISSIONS MAY BE OBTAINED FROM THE CONCERNED AUTHORITIES BEFORE COMMENCEMENT OF PROJECT AT SITE.
5. THE SITE DIMENSIONS AND PROFILE AS SHOWN ON THE LAYOUT PLAN MUST BE VERIFIED ON GROUND PRIOR TO COMMENCEMENT OF CONSTRUCTION IN ORDER TO AVOID COMPLICATIONS LATER ON.
6. H.V.A.C. PUBLIC HEALTH , ELECTRICAL AND LANDSCAPING SERVICES TO BE FINALIZED IN CONSULTATION WITH IDAP OFFICE PRIOR TO START OF CONSTRUCTION.
7. CONTRACTOR/CONSULTANT TO CONFIRM HANDICAP TOILET WITH ANSI 117.1
8. FOR ALL STRUCTURE DETAILS REFER TO STRUCTURE DRAWINGS.
9. FOR TYPICAL DETAILS SECTION, USE REFERRED DETAILS.
10. FOR SUMP PIT,LIFT PITS TRENCHES DETAILS AND LOCATIONS REFER MEP AND STRUCTURE.
11. RAIN WATER PIPES , ROOF SLOPES , RIDGES ARE INDICATIVE ONLY PLEASE REFER MEP DRAWINGS FOR DETAILS.
12. PLEASE VERIFY THE ROAD LEVELS WITH REFERENCE TO GRADING PLAN AS IT VARIES AT VARIOUS LOCATIONS /ENTRANCES OF THE BUILDING.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

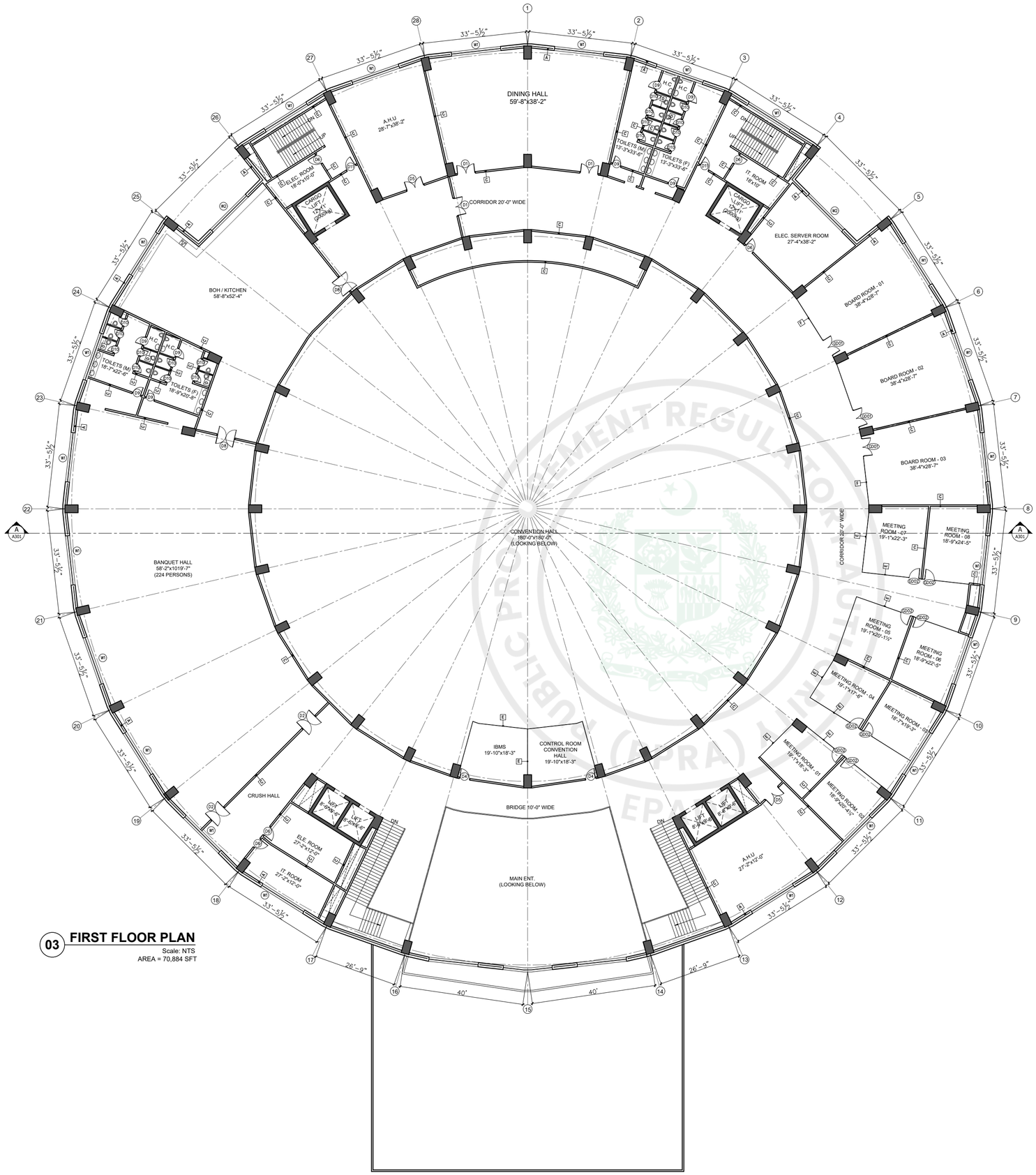
DRAWING TITLE:

GROUND FLOOR (WORKING PLAN)

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/16" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-NCC-04- A101	REVISION: 00

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03 FIRST FLOOR PLAN
Scale: NTS
AREA = 70,884 SFT

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN FEET/INCHES, UNLESS OTHERWISE NOTED.
2. IF ANY ERROR OR OMISSION IS FOUND IN DRAWING THIS OFFICE MAY BE CONSULTED FOR RECTIFICATION.
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11. RAIN WATER PIPES , ROOF SLOPES , RIDGES ARE INDICATIVE ONLY PLEASE REFER MEP DRAWINGS FOR DETAILS.
12. PLEASE VERIFY THE ROAD LEVELS WITH REFERENCE TO GRADING PLAN AS IT VARIES AT VARIOUS LOCATIONS /ENTRANCES OF THE BUILDING.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

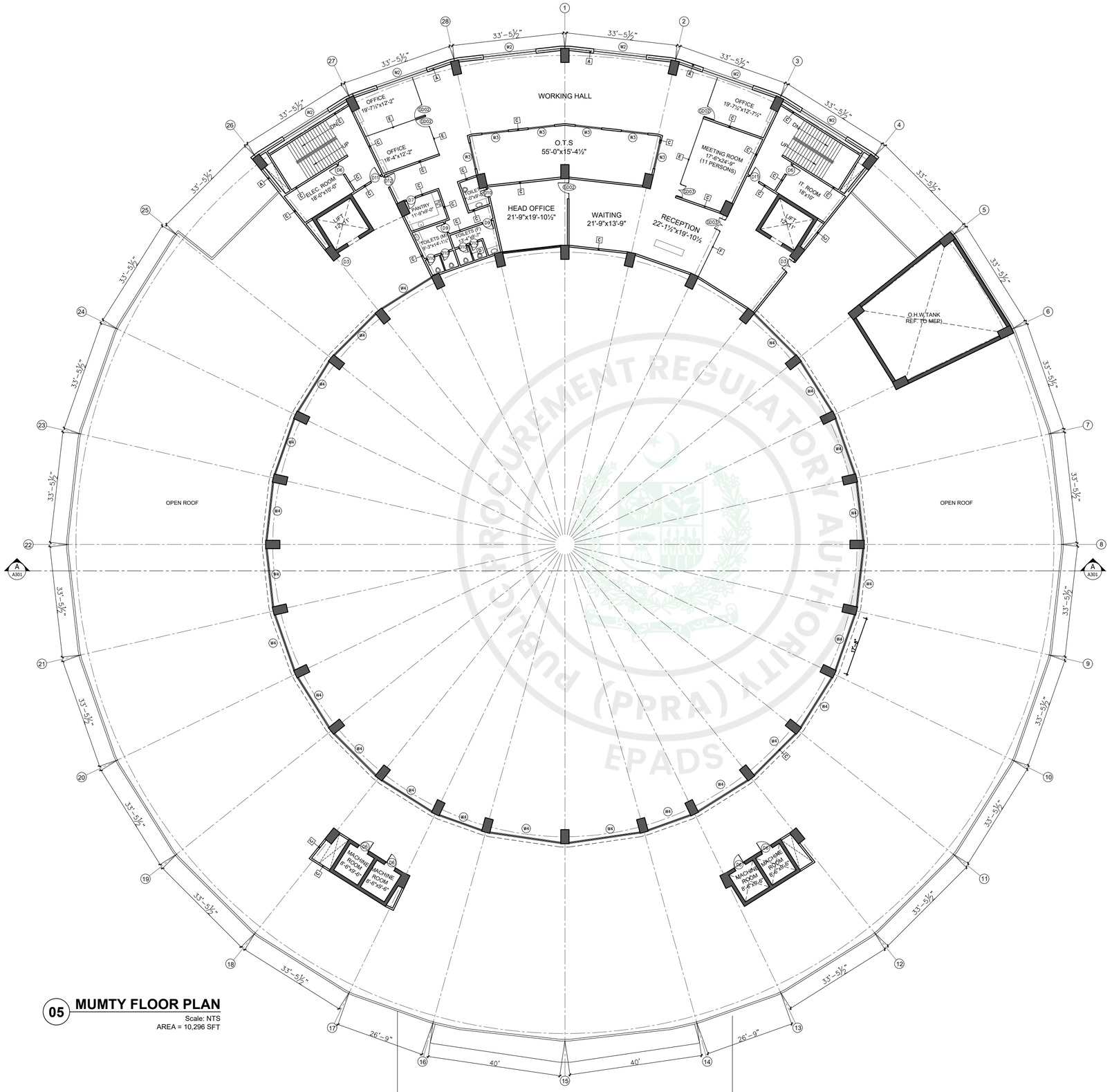
DRAWING TITLE:

FIRST FLOOR (WORKING PLAN)

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/16" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-NCC-04- A102	REVISION: 00

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05 MUMTY FLOOR PLAN
Scale: NTS
AREA = 10,296 SFT

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN FEET/INCHES, UNLESS OTHERWISE NOTED.
2. IF ANY ERROR OR OMISSION IS FOUND IN DRAWING THIS OFFICE MAY BE CONSULTED FOR RECTIFICATION.
3. FOR ANY FURTHER DETAIL /CLARIFICATION ON THE DRAWING PLEASE CONTACT THE PROJECT ARCHITECT.
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7. CONTRACTOR/CONSULTANT TO CONFIRM HANDICAP TOILET WITH ANSI 117.1
8. FOR ALL STRUCTURE DETAILS REFER TO STRUCTURE DRAWINGS.
9. FOR TYPICAL DETAILS SECTION, USE REFERRED DETAILS.
10. FOR SUMP PIT,LIFT PITS TRENCHES DETAILS AND LOCATIONS REFER MEP AND STRUCTURE.
11. RAIN WATER PIPES , ROOF SLOPES , RIDGES ARE INDICATIVE ONLY PLEASE REFER MEP DRAWINGS FOR DETAILS.
12. PLEASE VERIFY THE ROAD LEVELS WITH REFERENCE TO GRADING PLAN AS IT VARIES AT VARIOUS LOCATIONS /ENTRANCES OF THE BUILDING.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

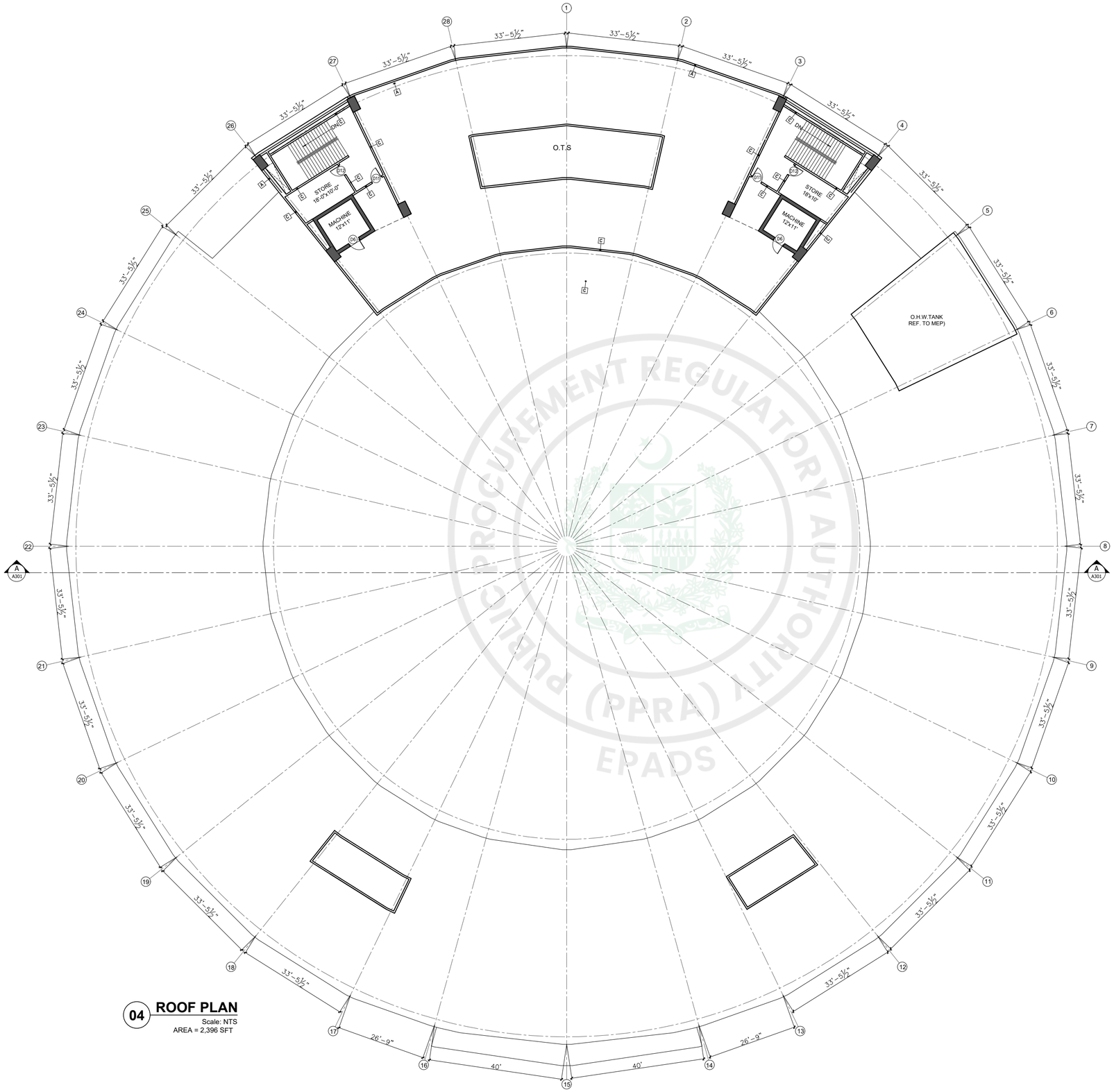
DRAWING TITLE:

MUMTY FLOOR (WORKING PLAN)

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/16" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-NCC-04- A103	REVISION: 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



04 ROOF PLAN
Scale: NTS
AREA = 2,396 SFT

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN FEET/INCHES, UNLESS OTHERWISE NOTED.
2. IF ANY ERROR OR OMISSION IS FOUND IN DRAWING THIS OFFICE MAY BE CONSULTED FOR RECTIFICATION.
3. FOR ANY FURTHER DETAIL /CLARIFICATION ON THE DRAWING PLEASE CONTACT THE PROJECT ARCHITECT.
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6. H.V.A.C, PUBLIC HEALTH , ELECTRICAL AND LANDSCAPING SERVICES TO BE FINALIZED IN CONSULTATION WITH IDAP OFFICE PRIOR TO START OF CONSTRUCTION.
7. CONTRACTOR/CONSULTANT TO CONFIRM HANDICAP TOILET WITH ANSI 117.1
8. FOR ALL STRUCTURE DETAILS REFER TO STRUCTURE DRAWINGS.
9. FOR TYPICAL DETAILS SECTION, USE REFERRED DETAILS.
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11. RAIN WATER PIPES , ROOF SLOPES , RIDGES ARE INDICATIVE ONLY PLEASE REFER MEP DRAWINGS FOR DETAILS.
12. PLEASE VERIFY THE ROAD LEVELS WITH REFERENCE TO GRADING PLAN AS IT VARIES AT VARIOUS LOCATIONS /ENTRANCES OF THE BUILDING.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

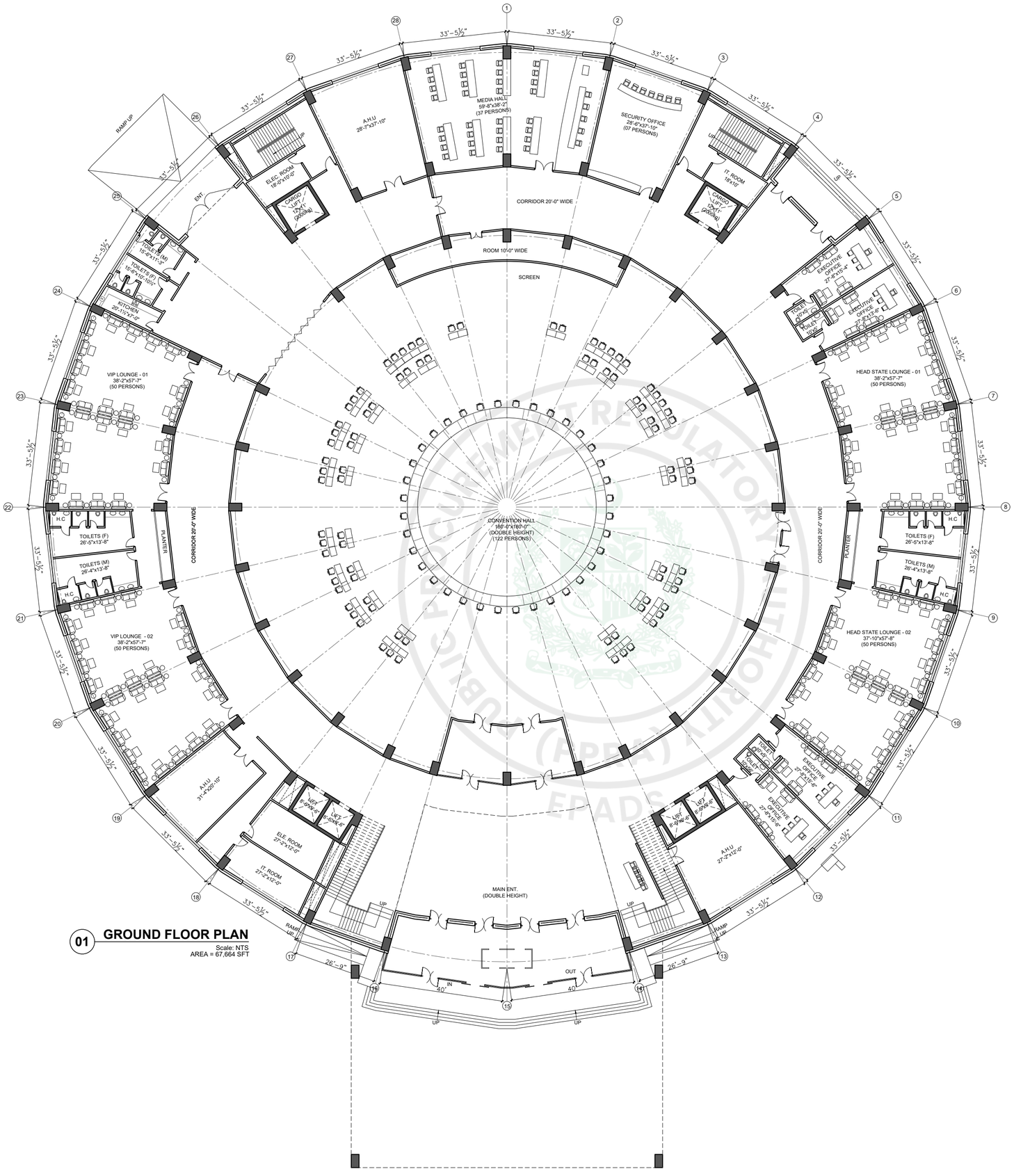
DRAWING TITLE:

ROOF FLOOR (WORKING PLAN)

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/16" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-NCC-04- A104	REVISION: 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



01 GROUND FLOOR PLAN
Scale: NTS
AREA = 67,664 SFT

SCHEDULE OF AREA	
GROUND FLOOR	67,664 SFT
FIRST FLOOR	70,884 SFT
MUMTY FLOOR	10,296 SFT
ROOF FLOOR	2,396 SFT
TOTAL COV. AREA	151,240 SFT

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN FEET/INCHES, UNLESS OTHERWISE NOTED.
2. IF ANY ERROR OR OMISSION IS FOUND IN DRAWING THIS OFFICE MAY BE CONSULTED FOR RECTIFICATION.
3. FOR ANY FURTHER DETAIL /CLARIFICATION ON THE DRAWING PLEASE CONTACT THE PROJECT ARCHITECT.
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7. CONTRACTOR/CONSULTANT TO CONFIRM HANDICAP TOILET WITH ANSI 117.1
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9. FOR TYPICAL DETAILS SECTION, USE REFERRED DETAILS.
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11. RAIN WATER PIPES , ROOF SLOPES , RIDGES ARE INDICATIVE ONLY PLEASE REFER MEP DRAWINGS FOR DETAILS.
12. PLEASE VERIFY THE ROAD LEVELS WITH REFERENCE TO GRADING PLAN AS IT VARIES AT VARIOUS LOCATIONS /ENTRANCES OF THE BUILDING.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

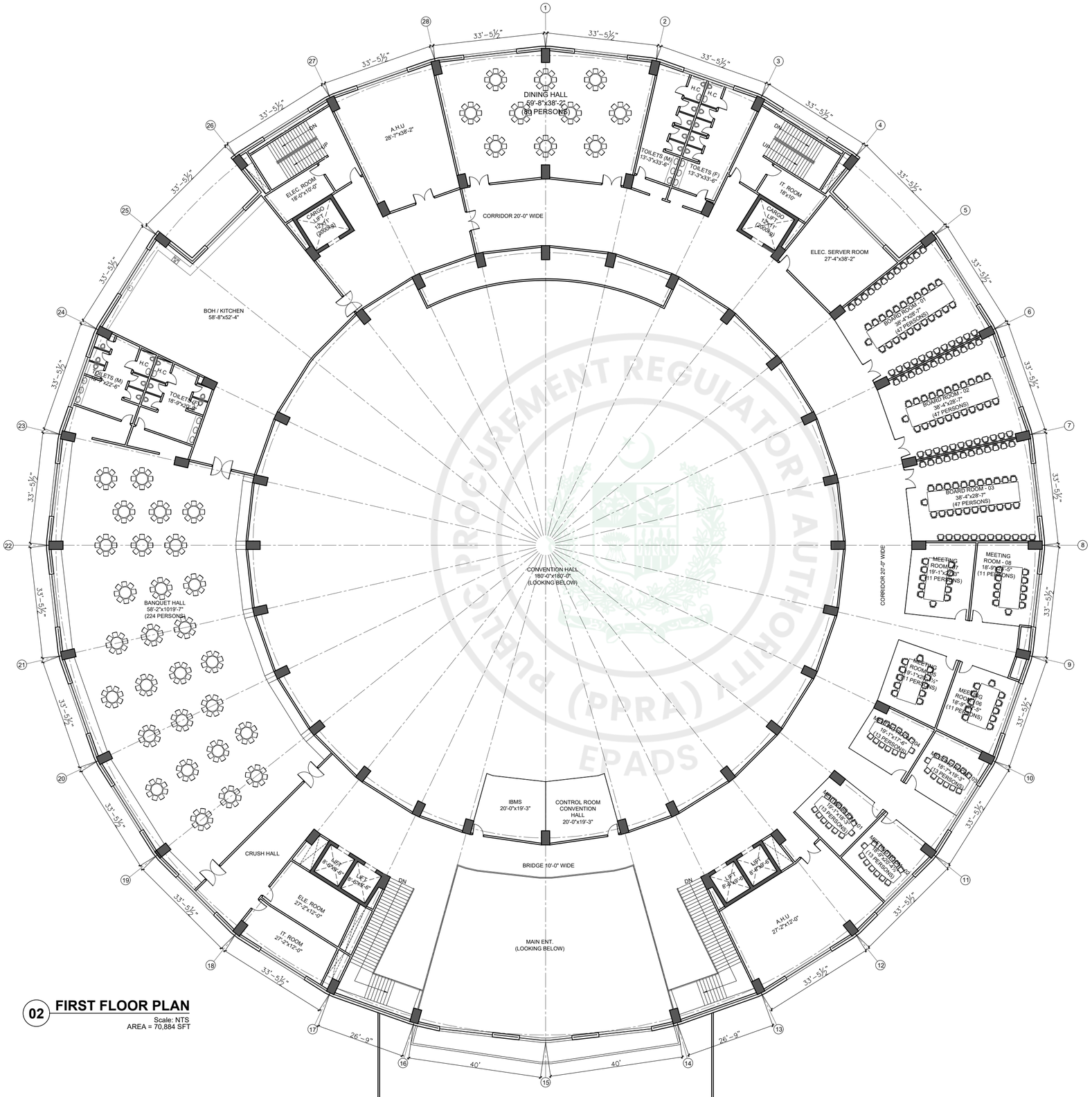
DRAWING TITLE:

GROUND FLOOR FURNITURE LAYOUT PLAN

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/16" = 1'-0"
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DRAWING NO. CNCCI-NCC-04- A151	REVISION: 00

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02 FIRST FLOOR PLAN
Scale: NTS
AREA = 70,884 SFT

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN FEET/INCHES, UNLESS OTHERWISE NOTED.
2. IF ANY ERROR OR OMISSION IS FOUND IN DRAWING THIS OFFICE MAY BE CONSULTED FOR RECTIFICATION.
3. FOR ANY FURTHER DETAIL /CLARIFICATION ON THE DRAWING PLEASE CONTACT THE PROJECT ARCHITECT.
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11. RAIN WATER PIPES , ROOF SLOPES , RIDGES ARE INDICATIVE ONLY PLEASE REFER MEP DRAWINGS FOR DETAILS.
12. PLEASE VERIFY THE ROAD LEVELS WITH REFERENCE TO GRADING PLAN AS IT VARIES AT VARIOUS LOCATIONS /ENTRANCES OF THE BUILDING.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

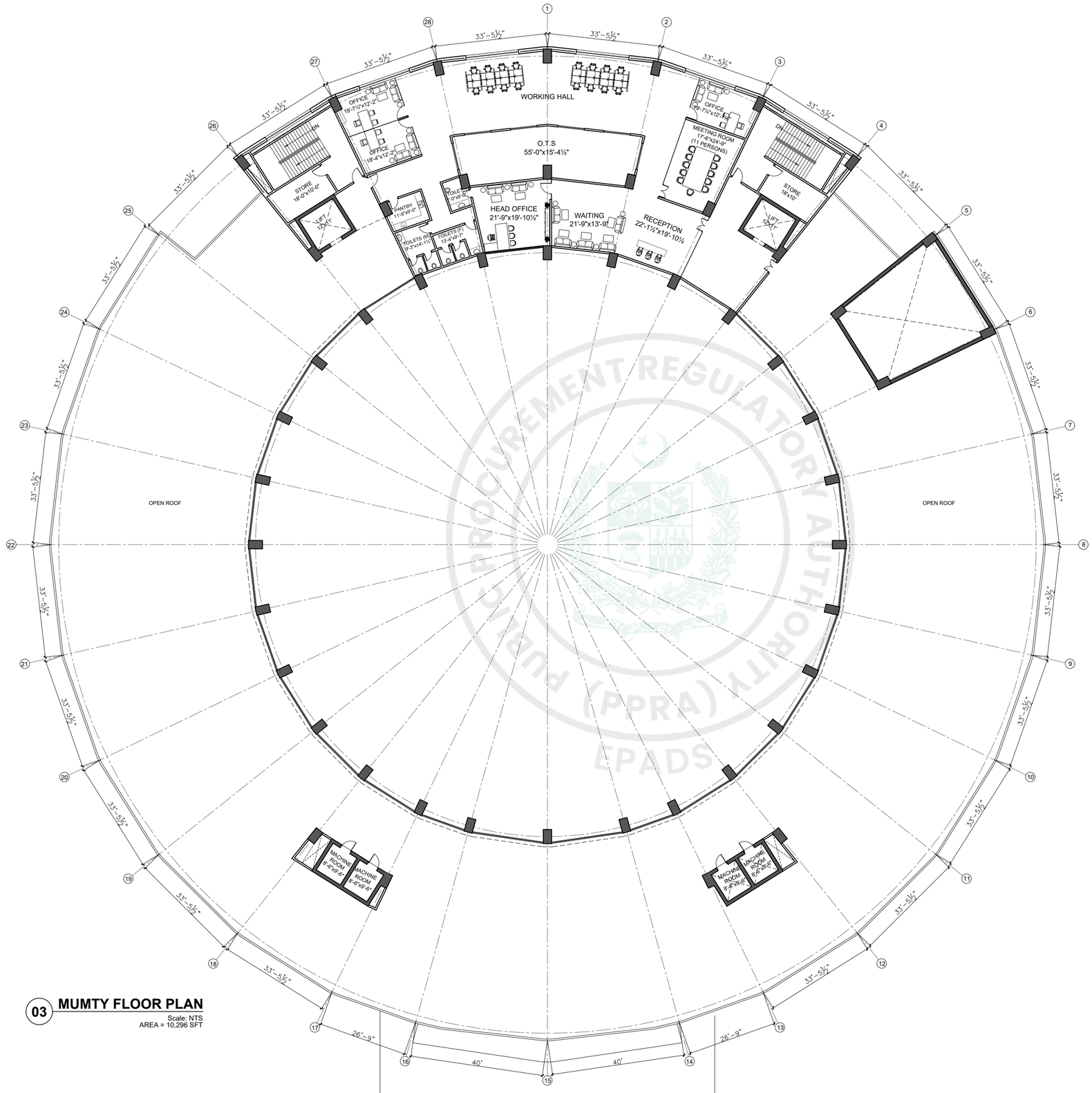
DRAWING TITLE:

FIRST FLOOR FURNITURE LAYOUT PLAN

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/16" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-NCC-04- A152	REVISION: 00

PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



03 MUMTY FLOOR PLAN

Scale: NTS
AREA = 10,296 SFT

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN FEET/INCHES, UNLESS OTHERWISE NOTED.
2. IF ANY ERROR OR OMISSION IS FOUND IN DRAWING THIS OFFICE MAY BE CONSULTED FOR RECTIFICATION.
3. FOR ANY FURTHER DETAIL /CLARIFICATION ON THE DRAWING PLEASE CONTACT THE PROJECT ARCHITECT.
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12. PLEASE VERIFY THE ROAD LEVELS WITH REFERENCE TO GRADING PLAN AS IT VARIES AT VARIOUS LOCATIONS /ENTRANCES OF THE BUILDING.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

MUMTY FLOOR (FURNITURE LAYOUT PLAN)

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/16" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-NCC-04- A153	REVISION: 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

ROOM FINISHES SCHEDULE

SR. NO	ROOM NAME	FLOOR	SKIRTING / DADO	WALL	CEILING	REMARKS
1	ENT.STEP + ENT.LOBBY + PODIUMS	IMPORTED GRANITE ¾" THICK + BRASS STRIPS	4" HIGH IMPORTED GRANITE SKIRTING	TEXTURE PAINT + IMPORTED GRANITE + CNC WOODEN CLADDING + PLASTIC EMULSION PAINT	GYPSUM BOARD SEAMLESS CEILING + WOODEN CNC POLISH FINISH	
2	REAR ENT.LOBBY (RIGHT SIDE)	IMPORTED GRANITE ¾" THICK + BRASS STRIPS	4" HIGH IMPORTED GRANITE SKIRTING	TEXTURE PAINT + IMPORTED GRANITE + CNC WOODEN CLADDING + PLASTIC EMULSION PAINT	GYPSUM BOARD SEAMLESS CEILING + WOODEN CNC POLISH FINISH	
3	REAR ENT.LOBBY (LEFT SIDE)	PCC + FLOOR HARDNER	4" HIGH CAST IN SITU. SKIRTING	PLASTIC EMULSION PAINT OVER SMOOTH C.S PLASTER WITH WALL PUTTY / LAMINATED SHEET	GYPSUM BOARD SEAMLESS CEILING	
4	HEAD STATE & VIP LOUNGE	SOLID WOODEN FLOOR	4" HIGH (SOLID WOODEN) SKIRTING	PLASTIC EMULSION PAINT OVER SMOOTH C.S PLASTER WITH WALL PUTTY / LAMINATED SHEET	GYPSUM BOARD SEAMLESS CEILING / MDF VENEER SHEET WITH POLISH FINISH	
5	EXECUTIVE OFFICE	SOLID WOODEN FLOOR	4" HIGH (SOLID WOODEN) SKIRTING	PLASTIC EMULSION PAINT OVER SMOOTH C.S PLASTER WITH WALL PUTTY / LAMINATED SHEET	GYPSUM BOARD SEAMLESS CEILING / MDF VENEER SHEET WITH POLISH FINISH	
6	CONVENTION HALL	CARPET TILE OVER CC FLOOR		TEXTURE PAINT + IMPORTED GRANITE + CNC WOODEN CLADDING + PLASTIC EMULSION PAINT + SOFT FABRIC PADDING	GYPSUM BOARD SEAMLESS CEILING + WOODEN CNC POLISH FINISH + FABRIC	
7	CONTROL ROOM CONVENTION HALL	24"x48"-PORCELAIN TILE	4" HIGH PORCELAIN TILE	PLASTIC EMULSION PAINT OVER SMOOTH C.S PLASTER WITH WALL PUTTY	SEAMLESS GYPSUM BOARD CEILING	
8	IBMS	24"x48"-PORCELAIN TILE	4" HIGH PORCELAIN TILE	PLASTIC EMULSION PAINT OVER SMOOTH C.S PLASTER WITH WALL PUTTY	SEAMLESS GYPSUM BOARD CEILING	
9	MEETING ROOMS	CARPET TILE OVER CC FLOOR	4" HIGH PORCELAIN TILE	TEXTURE PAINT + VV SHEET CLADDING	GYPSUM BOARD SEAMLESS CEILING / MDF VENEER SHEET WITH POLISH FINISH	
10	BOARD ROOM	CARPET TILE OVER CC FLOOR	4" HIGH (HDF) SKIRTING	TEXTURE PAINT + VV SHEET CLADDING	GYPSUM BOARD SEAMLESS CEILING / MDF VENEER SHEET WITH POLISH FINISH	
11	MEDIA HALL	HDF LAMINATED SOLID WOODEN FLOOR 12 mm	4" HIGH (HDF) SKIRTING	TEXTURE PAINT + VV SHEET CLADDING	GYPSUM BOARD SEAMLESS CEILING / MDF VENEER SHEET WITH POLISH FINISH	
12	SECURITY OFFICE	24"x48"-PORCELAIN TILE	4" HIGH PORCELAIN TILE	PLASTIC EMULSION PAINT OVER SMOOTH C.S PLASTER WITH WALL PUTTY	SEAMLESS GYPSUM BOARD CEILING	
13	CORRIDOR	IMPORTED GRANITE ¾" THICK + BRASS STRIPS	4" HIGH IMPORTED GRANITE SKIRTING	TEXTURE PAINT + GRANITE + CCNC WOODEN CLADDING + PLASTIC EMULSION PAINT	SEAMLESS GYPSUM BOARD CEILING	
14	TOILET (HEAD STATE & VIP LOUNGE)	24"x48"-PORCELAIN TILE	-	24"x48" PORCELAIN TILES UPTO CEILING	NON PERFORATED ALUMINUM CLIP IN 2'X2' CEILING TILE WITH APPROVED SUSPENSION SYSTEM	
15	TOILETS	24"x48"-PORCELAIN TILE	-	24"x48" PORCELAIN TILE UP TO CEILING	NON PERFORATED ALUMINUM CLIP IN 2'X2' CEILING TILE WITH APPROVED SUSPENSION SYSTEM	
16	STAIRCASE	IMPORTED GRANITE	24"x48" PORCELAIN TILES 4'-0" HEIGHT	PLASTIC EMULSION PAINT ON CS PLASTER	-	
17	CRUSH HALL	IMPORTED GRANITE ¾" THICK + BRASS STRIPS	4" HIGH IMPORTED GRANITE SKIRTING	PLASTIC EMULSION PAINT OVER SMOOTH C.S PLASTER WITH WALL PUTTY / LAMINATED SHEET	GYPSUM BOARD SEAMLESS CEILING + WOODEN CNC POLISH FINISH + FABRIC	
18	BANQUET & DINING HALL	BROADLOOM CARPET OVER MARBLE	4" HIGH PORCELAIN TILE	PLASTIC EMULSION PAINT OVER SMOOTH C.S PLASTER WITH WALL PUTTY / LAMINATED SHEET	GYPSUM BOARD SEAMLESS CEILING + WOODEN CNC POLISH FINISH + FABRIC	
19	STORES	24"x48"-PORCELAIN TILE	4" HIGH PORCELAIN TILE	PLASTIC EMULSION PAINT OVER SMOOTH C.S PLASTER	2'X2' GYPSUM BOARD CEILING	
20	KITCHEN / BOH	24"x48"-PORCELAIN TILE	4" HIGH PORCELAIN TILE	2'X2'-PORCELAIN TILE UPTO CEILING	2'X2' GYPSUM BOARD CEILING	
21	ELECTRICAL ROOM	24"x48"-PORCELAIN TILE	4" HIGH PORCELAIN TILE	EMULSION PAINT ON SMOOTH PLASTER UP TO CEILING	2'X2' GYPSUM PANEL WITH BULKHEAD	
22	IT ROOM	24"x48"-PORCELAIN TILE	4" HIGH PORCELAIN TILE	EMULSION PAINT ON SMOOTH PLASTER UP TO CEILING	2'X2' GYPSUM PANEL WITH BULKHEAD	
23	ELECTRICAL SERVER ROOM	24"x48"-PORCELAIN TILE	4" HIGH PORCELAIN TILE	EMULSION PAINT ON SMOOTH PLASTER UP TO CEILING	2'X2' GYPSUM PANEL WITH BULKHEAD	
24	A.H.U	PCC WITH FLOOR HARDNER	4" HIGH CAST IN SITU. SKIRTING	PLASTIC EMULSION (OVER CS PLASTER)	EMULSION PAINT OVER CS PLASTER	
25	LIFT	-	-	¾" TH.IMPORTED GRANITE ON OUTER WALLS UPTO CEILING	-	
26	MACHINE ROOM	24"x24"-PORCELAIN TILE	4" HIGH PORCELAIN TILES SKIRTING	PLASTIC EMULSION PAINT OVER WALL PUTTY & Cs PLASTER UPTO CEILING	PLASTIC EMULSION PANT ON SMOOTH PLASTER	
27	ROOF					
28						
	NOTE:	- THRESHOLD IN ¾" TH. IMPORTED GRANITE FOR ALL AREAS (AS PER APPROVED COLOR)				

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CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

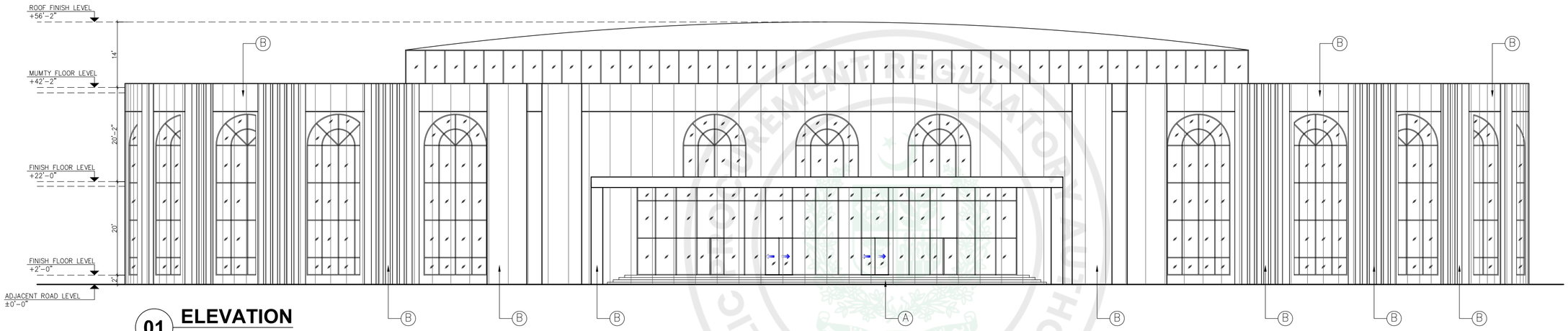
DRAWING TITLE:

ROOM FINISHES SCHEDULE

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: NTS
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CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-NCC-04- A161	REVISION: 00

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01 ELEVATION
Scale: 1/16"=1'-0"

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CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

ELEVATION -01

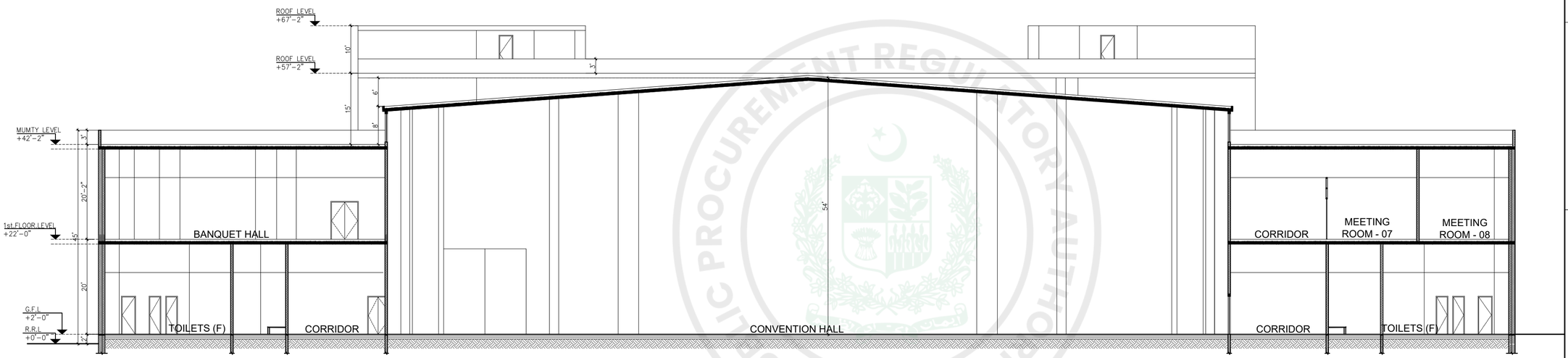
REV.	DATE	DESCRIPTION

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DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-NCC-04- A201	REVISION: 00

LEGEND

A– GRANITE (IMPORTED AS PER APPROVED COLOR & TEXTURE)
B– WASHED TERRAZO WITH U CHANNE

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



A **SECTION**
Scale: NTS

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CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

SECTION - A

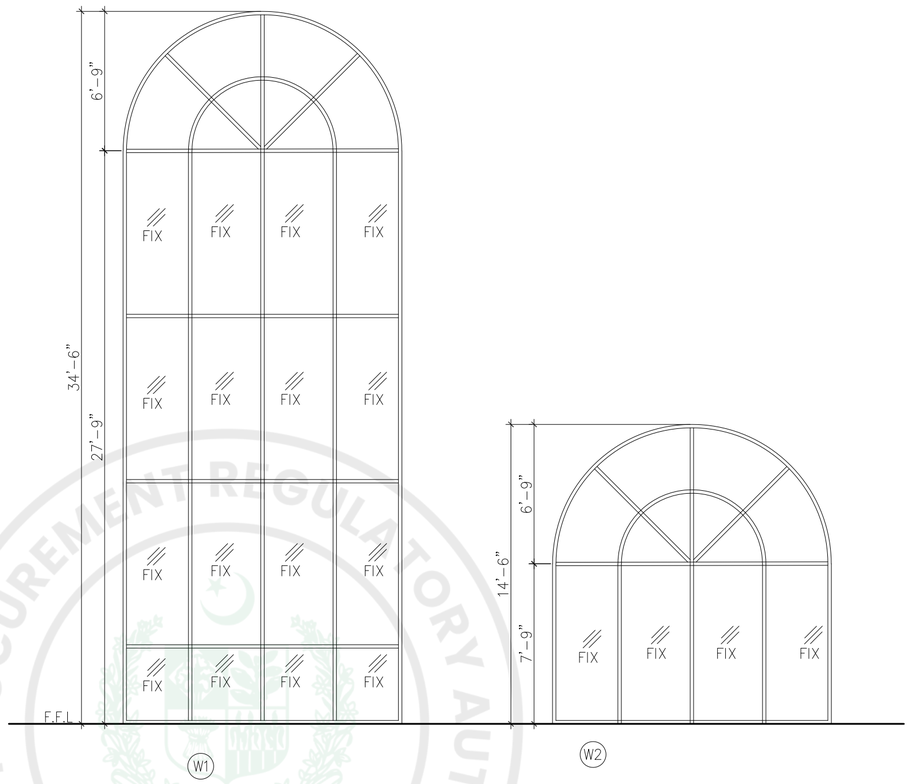
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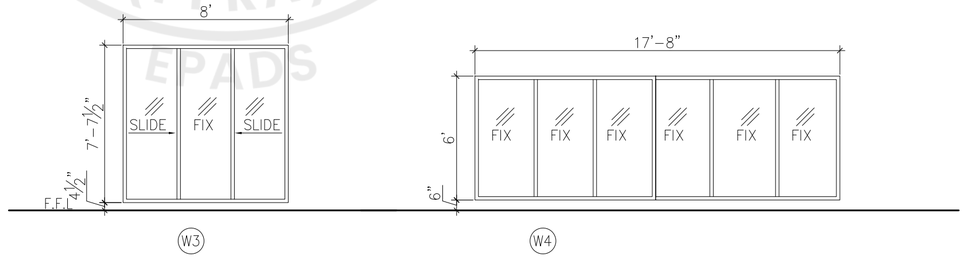
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DRAWING NO. CNCCI-NCC-04- A161	REVISION: 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

DOOR WINDOW SCHEDULE

TYPE	WIDE	HIGH	SILL	DESCRIPTION
GD01	6'-0"	8'-0"	1/4"	GLASS DOOR 12 mm
GD02	3'-6"	8'-0"	1/4"	GLASS DOOR 12 mm
GD03	4'-0"	8'-0"	1/4"	GLASS DOOR 12 mm
GD04	6'-0"	8'-0"	1/4"	GLASS DOOR 12 mm (DOUBLE SWINGING)
GD05	6'-0"	8'-0"	1/4"	AUTOMATIC SLIDING GLASS DOOR
D1	6'-0"	8'-0"	1/4"	SOLID WOODEN DOOR
D2	6'-0"	8'-0"	1/4"	SOLID WOODEN DOOR (DOUBLE SWINGING)
D3	4'-0"	8'-0"	1/4"	SOLID WOODEN DOOR
D4	3'-6"	8'-0"	1/4"	SOLID WOODEN DOOR
D5	6'-0"	8'-0"	1/4"	UL LISTED HOLLW METAL DOOR POWDER COATED WITH MINERAL CORE & WIRED GLASS VISION PANEL WITH 5MM TEMPERED GLASS (FR 90 MIN.) WITH ALL THE NECESSARY FIRE RATED UL LISTED HARD WARE AND OTHER FIRE RATED ACCESSRIES PANIC PUSH BAR, SMOKE SEAL ETC .(60 MIMN)
D6	3'-6"	8'-0"	1/4"	〃 〃 〃 〃
D7	3'-0"	8'-0"	1/4"	〃 〃 〃 〃
D8	6'-0"	8'-0"	1/4"	UL LISTED HOLLW METAL DOOR POWDER COATED WITH MINERAL CORE & WIRED GLASS VISION PANEL WITH 5MM TEMPERED GLASS (FR 90 MIN.) WITH ALL THE NECESSARY FIRE RATED UL LISTED HARD WARE AND OTHER FIRE RATED ACCESSRIES PANIC PUSH BAR, SMOKE SEAL ETC .(60 MIMN) (DOUBLE SWINGING)
D9	3'-0"	8'-0"	1/4"	WPC DOOR
D10	2'-6"	8'-0"	1/4"	〃 〃 〃 〃
D11	3'-6"	8'-0"	1/4"	UL LISTED HOLLW METAL DOOR POWDER COATED WITH MINERAL CORE & WIRED GLASS VISION PANEL WITH 5MM TEMPERED GLASS (FR 90 MIN.) WITH ALL THE NECESSARY FIRE RATED UL LISTED HARD WARE AND OTHER FIRE RATED ACCESSRIES PANIC PUSH BAR, SMOKE SEAL ETC .(90 MIMN)
D12	3'-6"	8'-0"	1/4"	WOODEN DOOR
D13	6'-0"	8'-0"	1/4"	SOUNDPROOF DOOR, ACOUSTIC SOLID WOOD CORE DOOR (FIRE RATED)
D14	22'-0"	18'-0"	1/4"	METAL ELEPHANT DOOR
D15	30'-0"	18'-0"	1/4"	WOODEN COLLAPSIBLE SHUTTER
W1	16'-0"	34'-0"	0'-0"	ALUMINUM GLASS WINDOW WITH THERMAL BREAK SECTION AND DGU (6mm LOW-E GLASS +12mm SPACER FILLED WITH ARGON GAS + CLEAR 6MM GLASS)
W2	16'-0"	14'-6"	0'-0"	〃 〃 〃 〃
W3	8'-0"	7'-7½"	0'-4½"	〃 〃 〃 〃
W4	17'-8"	6'-0"	0'-6"	〃 〃 〃 〃





NOTES:

1. ALL WINDOWS SHALL HAVE MARBLE / GRANITE (IMPORTED) SILL.
2. ALL OPEN ABLE/SLIDING WINDOWS SHALL HAVE ALUMINUM FLY SCREEN.
3. OPEN ABLE/SLIDING WINDOWS SHALL HAVE M.S GRILL. ONLY THOSE GRILL REQUIRE OPEN-ABLE PANEL WHERE TERRACE ACCESS IS REQUIRED.
4. ALL DOUBLE GLAZING CURTAIN WALL SYSTEM SHOULD BE CONSIDERED THIS MAXIMUM U-VALUE = 0.62 BTU/HR.FT2.
5. PROVIDING AND FIXING ALUMINUM GLASS CURTAIN WALL (DOUBLE GLAZED) WHICH CONSIST OF (6MM GLASS +12MM FILL WITH ARGON GAS + 6 MM GLASS WITH 100 MICRON SHATTER PROOF FILM INSIDE) ALL GLASS SHOULD BE TEMPERED FOR ALL HEIGHTS & ALL LEVELS ETC, THE ITEM INCLUDES COST OF SHOP DRAWINGS AND STRUCTURE SHALL BE DESIGN FOR TEMPERATURE LOADS, WIND LOADS AND INTER STORY DRIFT AS PER BCP -2021.
6. ALL EXTERIOR WINDOWS OPEN ABLE / SLIDING FIXED TO BE DOUBLE GLAZED.
7. FOR UPVC DOORS ALL ACCESSORIES AS PER VENDOR/MANUFACTURER.
8. ALL BATH / TOILET WINDOWS SHALL HAVE FROSTING.
9. ALL DOORS HAVE 1.5mm THICK (16 GAUGE), GI POWDER COATED, PRE-ENGINEERED & DOUBLE CLADDED M.S FRAMES.
10. ALL NON SCHEDULED DOOR HARDWARE SHALL SEEK APPROVAL THROUGH SUBMITTAL
11. CONTRACTOR TO SUBMIT ALL HARDWARE & ACCESSORIES SAMPLES TO THE ENGINEER FOR APPROVAL
12. ALL EXTERIOR WINDOWS & CURTAIN WALLS SHALL HAVE CURTAIN BLIND.
13. ALL ACCESS PANELS TO THE SHAFT ABOVE OR BELOW THE CEILING WOULD BE FIRE RATED WITH SMOKE SEAL (60MIN)

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

DOOR WINDOW SCHEDULE & WINDOW DETAIL

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 3/16" = 1'-0"
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DRAWING NO. CNCCI-NCC-04-A551	REVISION: 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

INTERNAL SIGNAGE DRAWING LEGEND

WALL SIGNAGE

WS1	DEPARTMENT SIGNAGE (WALL MOUNTED)
WS2	ROOM SIGNAGE-1 (WALL MOUNTED)
WS3	ROOM SIGNAGE-2 (WALL MOUNTED)
WS4	FLOOR LEVEL SIGN (WALL MOUNTED)
WS5	PICTOGRAM SIGNAGE (WALL MOUNTED)
WS6	DIRECTIONAL SIGNAGE (WALL MOUNTED)

DOOR SIGNAGE

DS1	PICTOGRAM SIGNAGE (DOOR MOUNTED)

FLAG TYPE SIGNAGE

FS1	ROOM SIGNAGE (FLAG TYPE)
FS2	DIRECTIONAL SIGNAGE (FLAG TYPE)

CEILING MOUNTED SIGNAGE

CS1	OVER HEAD SIGNAGE (CEILING MOUNTED)

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA)
EPADS

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TENDER DRAWINGS

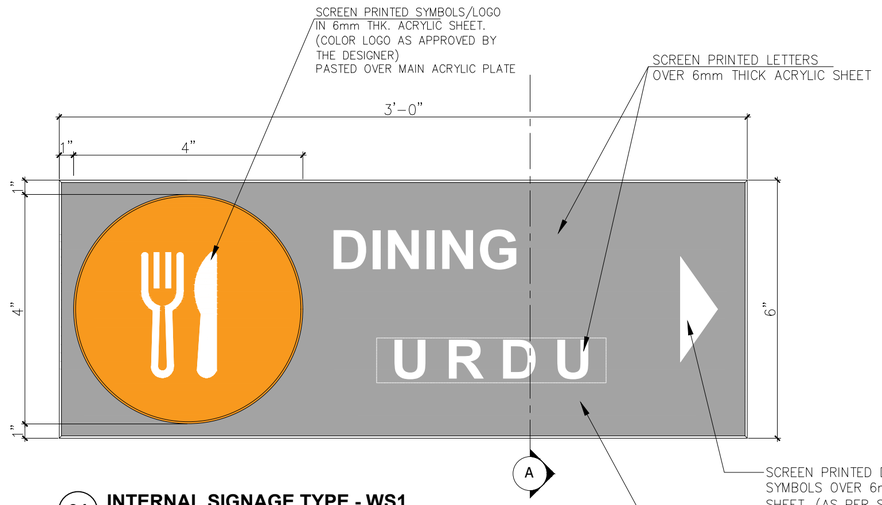
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INTERNAL SIGNAGE LEGEND

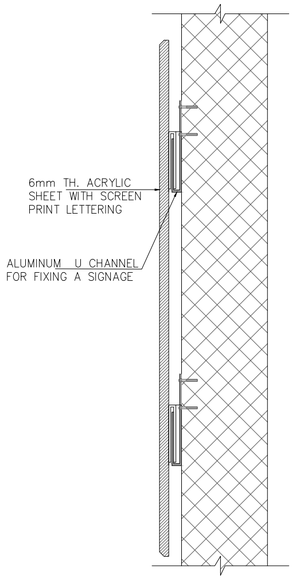
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DATE: OCTOBER, 2026	SCALE: NTS
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DRAWING NO. CNCCI-NCC-04- A601	REVISION: 00

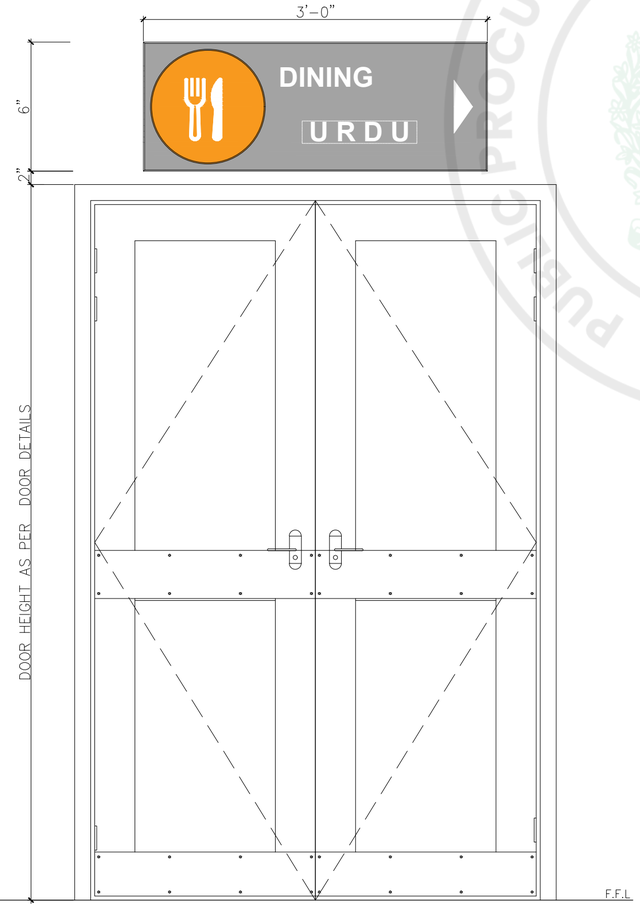
WS1 DEPARTMENT SIGNAGE (WALL MOUNTED)



01 **INTERNAL SIGNAGE TYPE - WS1**
Scale: NTS

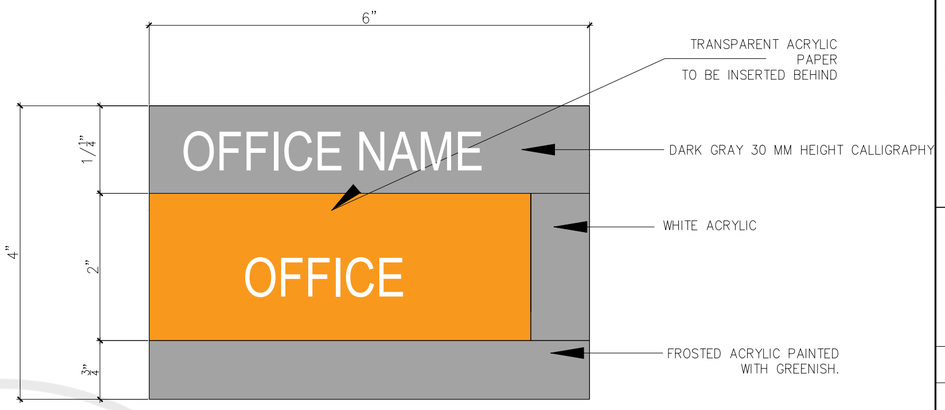


A **SECTION**
Scale: NTS

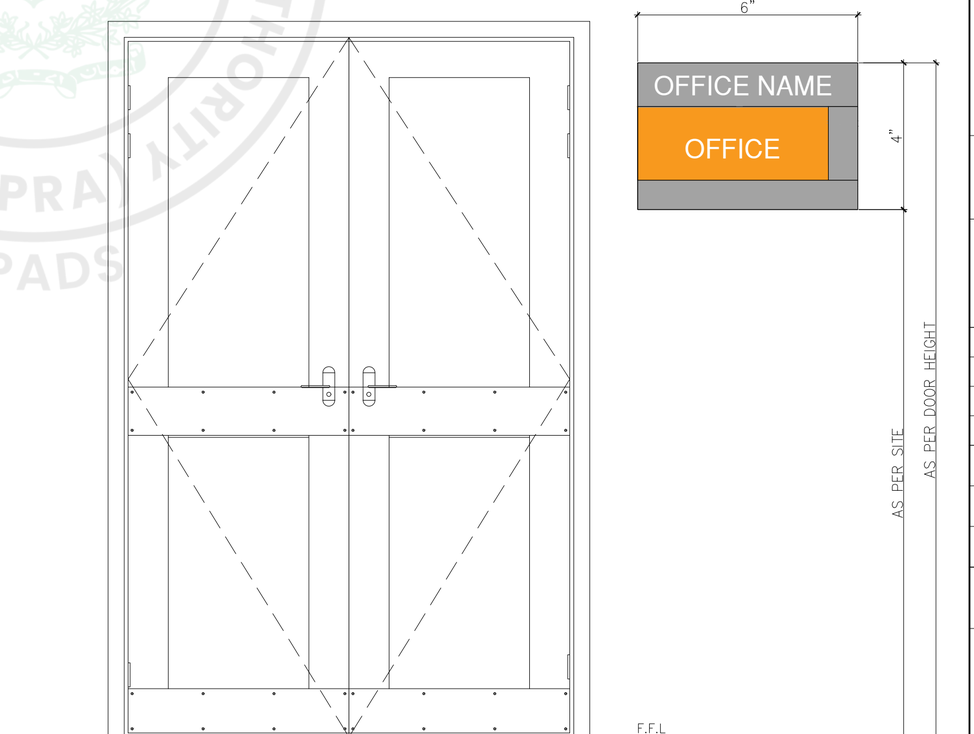


B **INTERNAL SIGNAGE (OVERHEAD-DOOR ELEVATION) TYPICAL**
Scale: NTS

WS2 ROOM SIGNAGE-1 (WALL MOUNTED)



02 **INTERNAL SIGNAGE TYPE - WS2**
Scale: NTS



C **INTERNAL SIGNAGE (WALL MOUNTED ELEVATION) TYPICAL**
Scale: NTS

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CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

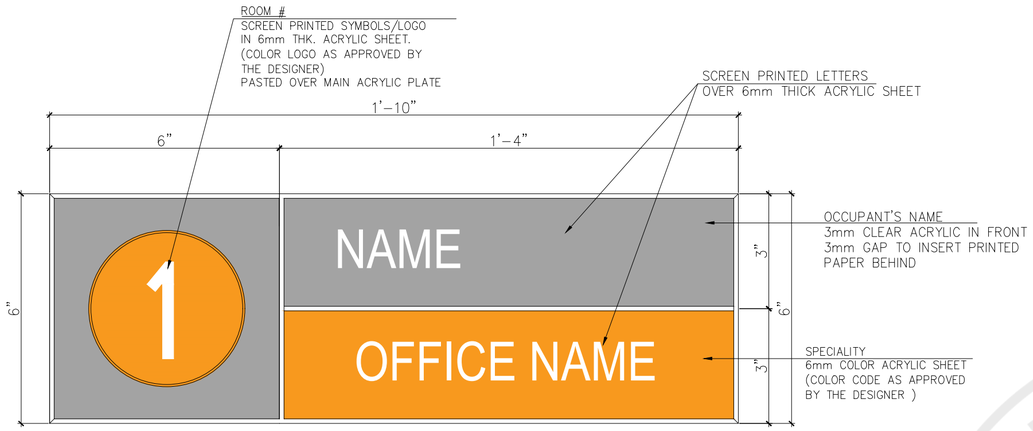
INTERNAL SIGNAGE ELEVATION AND TYPICAL DETAIL-I

REV.	DATE	DESCRIPTION

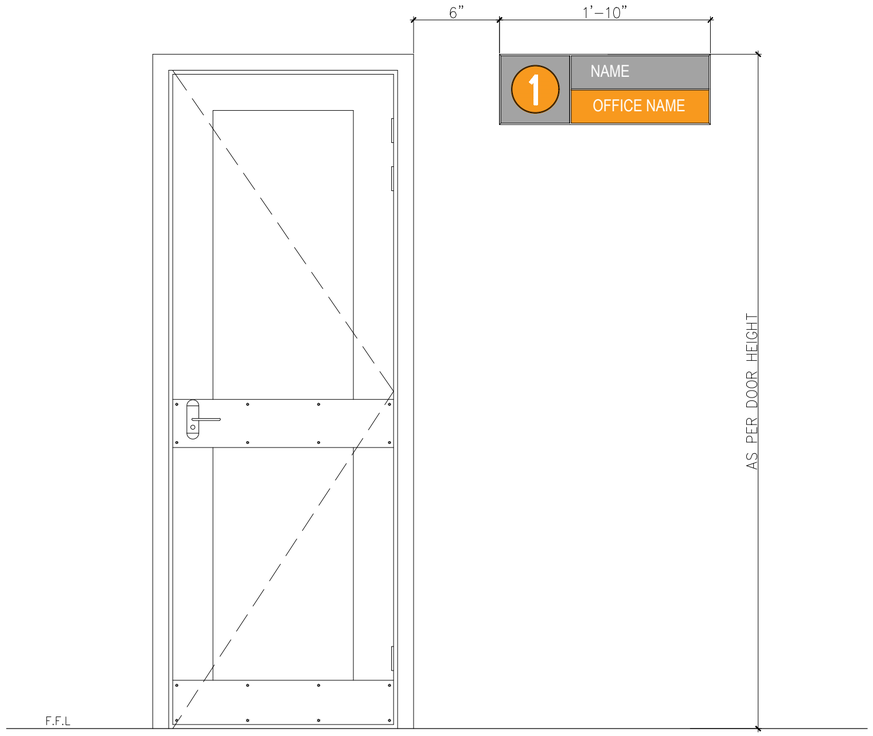
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PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

WS3 ROOM SIGNAGE-2 (WALL MOUNTED)

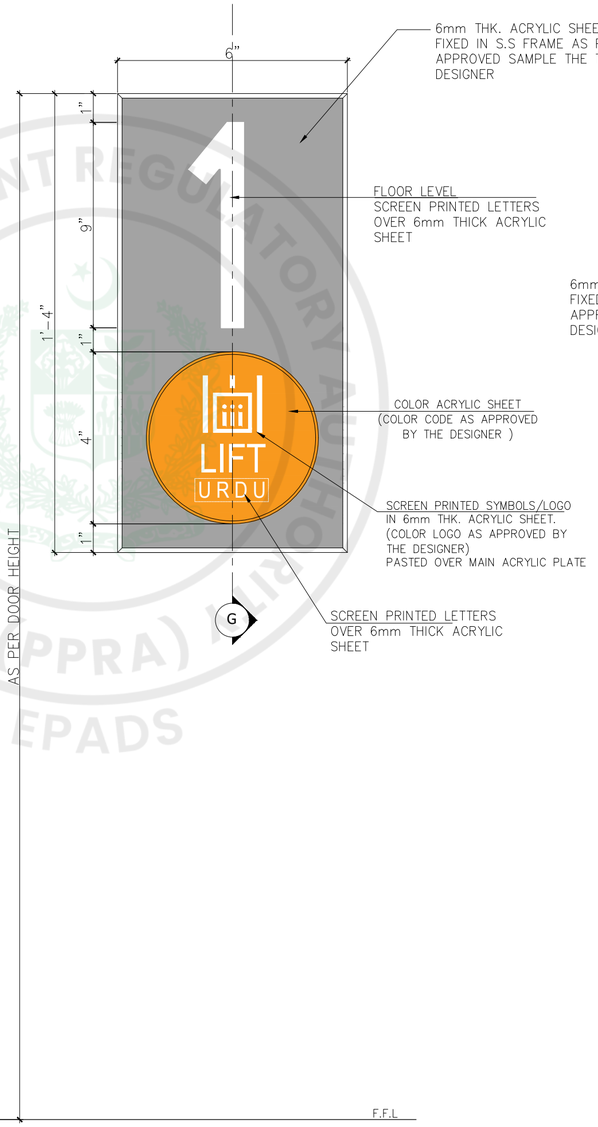


11 INTERNAL SIGNAGE TYPE - WS3
Scale: NTS

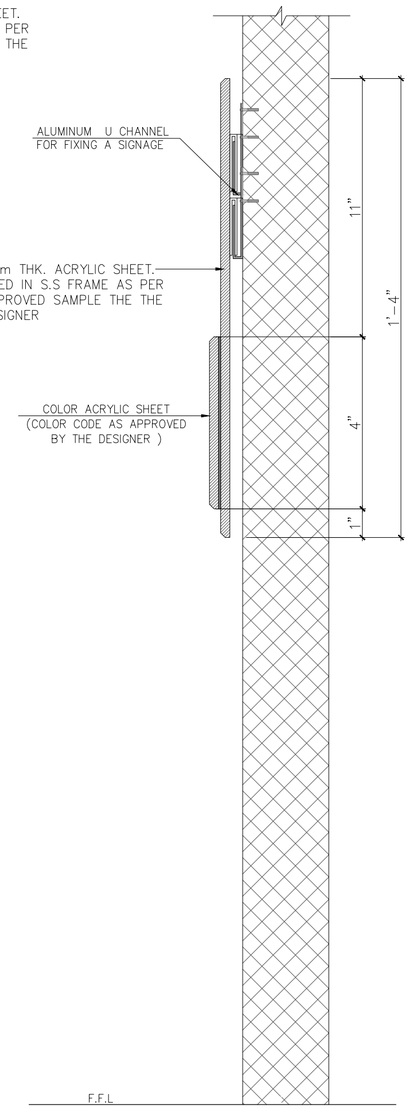


D INTERNAL SIGNAGE (WALL MOUNTED ELEVATION) TYPICAL
Scale: NTS

WS4 FLOOR LEVEL SIGN (WALL MOUNTED)



05 INTERNAL SIGNAGE TYPE - WS4
Scale: NTS



G SECTION
Scale: NTS

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CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

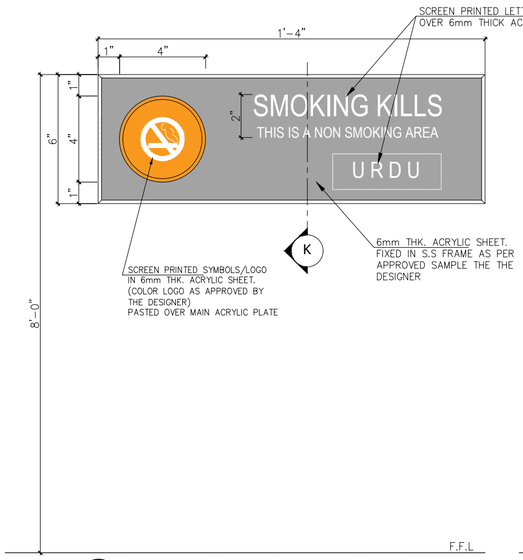
INTERNAL SIGNAGE ELEVATION AND TYPICAL DETAIL-II

REV.	DATE	DESCRIPTION

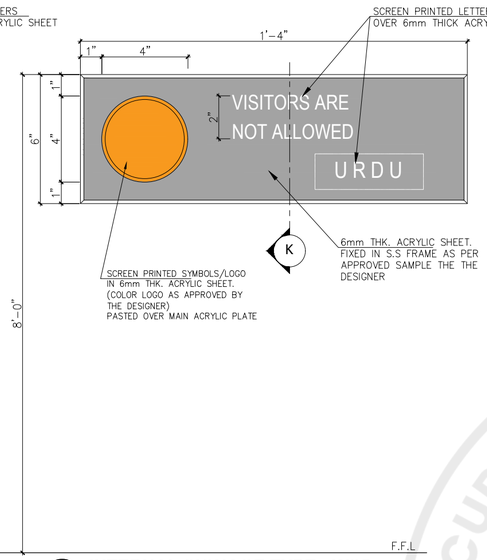
DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-NCC-04- A603	REVISION: 00

PROCUREMENT REGULATORY AUTHORITY (PPRA) KLOS EPADS

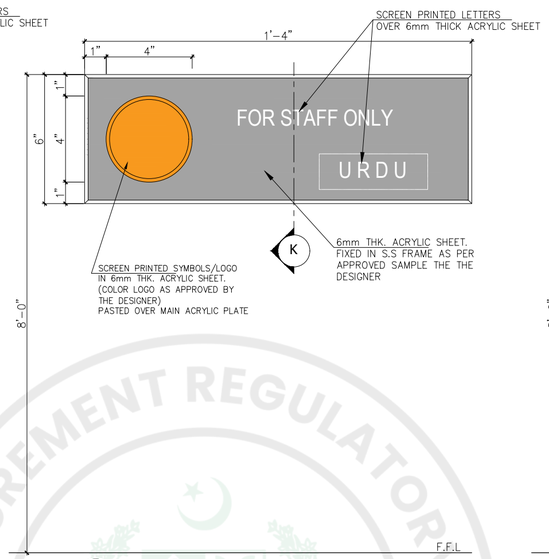
WS5 PICTOGRAM SIGNAGE (WALL MOUNTED) - WARNING SIGNS



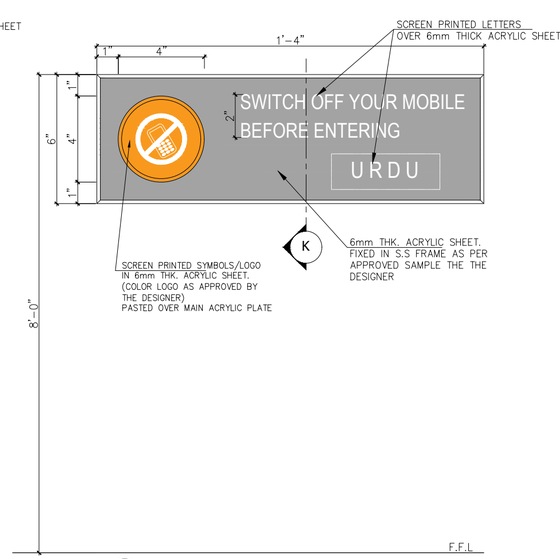
07 INTERNAL SIGNAGE TYPE - WS5 (TYPE-A)
Scale: NTS



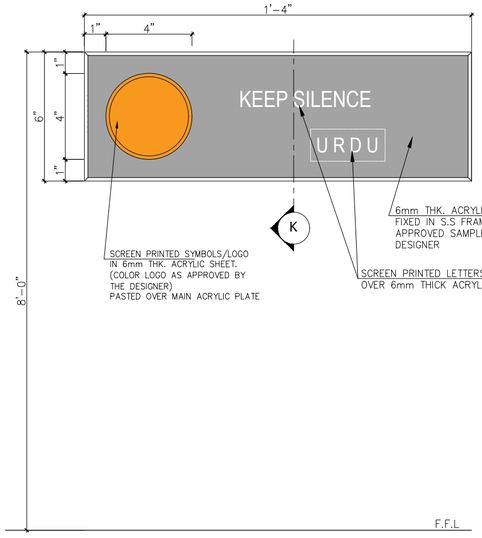
07a INTERNAL SIGNAGE TYPE - WS5 (TYPE-B)
Scale: NTS



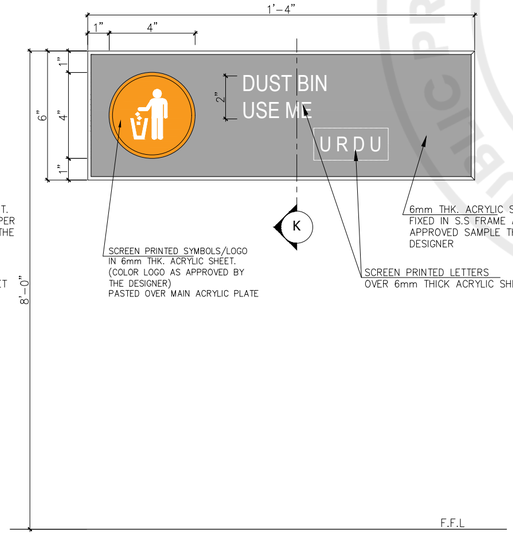
07b INTERNAL SIGNAGE TYPE - WS5 (TYPE-C)
Scale: NTS



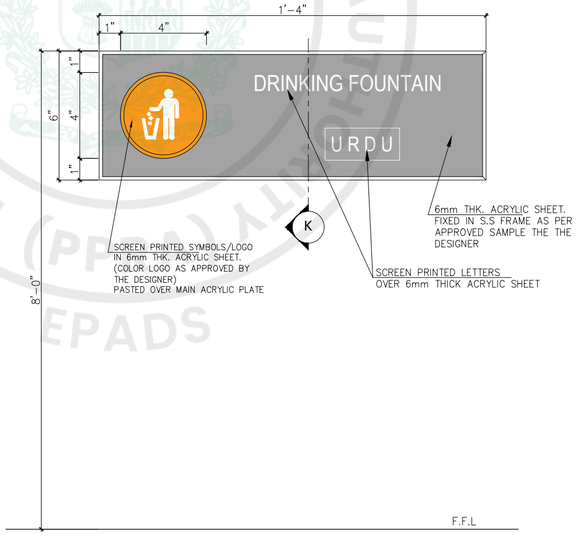
07c INTERNAL SIGNAGE TYPE - WS5 (TYPE-D)
Scale: NTS



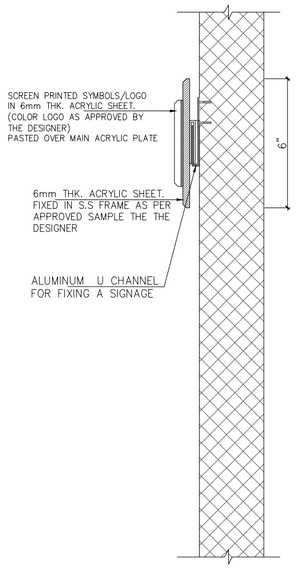
07d INTERNAL SIGNAGE TYPE - WS5 (TYPE-E)
Scale: NTS



07e INTERNAL SIGNAGE TYPE - WS5 (TYPE-F)
Scale: NTS



07f INTERNAL SIGNAGE TYPE - WS5 (TYPE-G)
Scale: NTS



K SECTION
Scale: NTS

PROCUREMENT REGULATORY AUTHORITY (PRA)
EPADS

GENERAL NOTES:

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CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

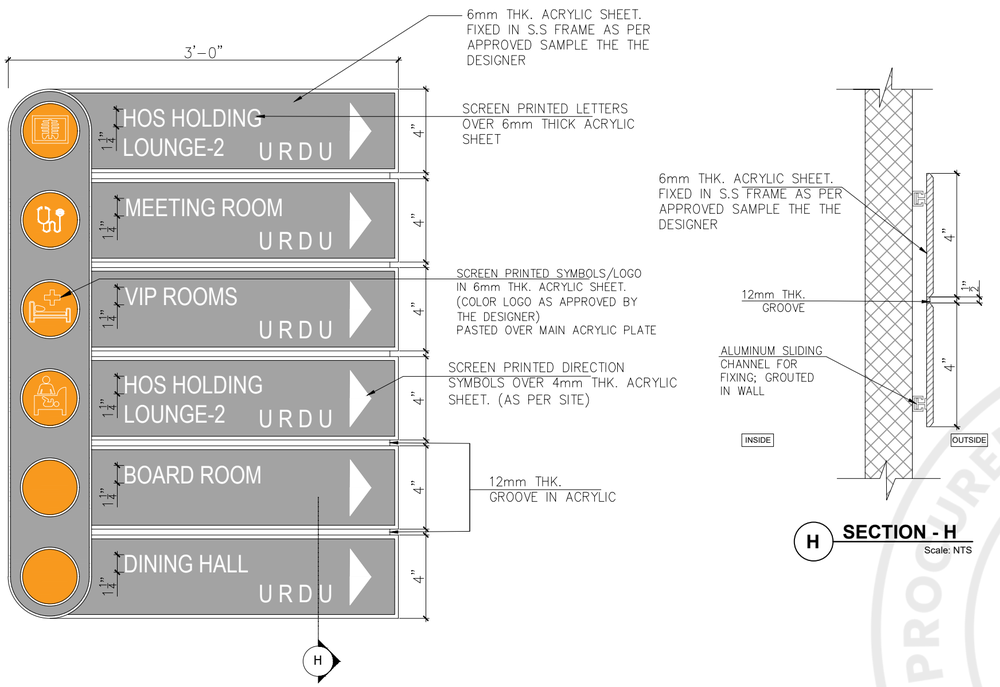
DRAWING TITLE:

INTERNAL SIGNAGE ELEVATION AND TYPICAL DETAIL-III

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-NCC-04- A604	REVISION: 00

WS6 DIRECTIONAL SIGNAGE (WALL MOUNTED)

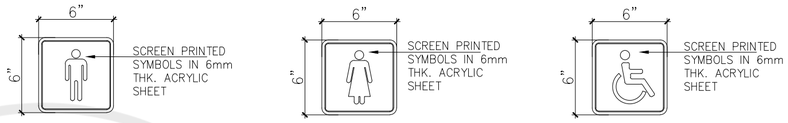


09 **INTERNAL SIGNAGE TYPE - WS6**
Scale: NTS

H **SECTION - H**
Scale: NTS

WS7 DIRECTIONAL SIGNAGE (WALL MOUNTED)

DS1 PICTOGRAM SIGNAGE (DOOR MOUNTED)



04 **INTERNAL SIGNAGE TYPE - DS1**
Scale: NTS

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CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

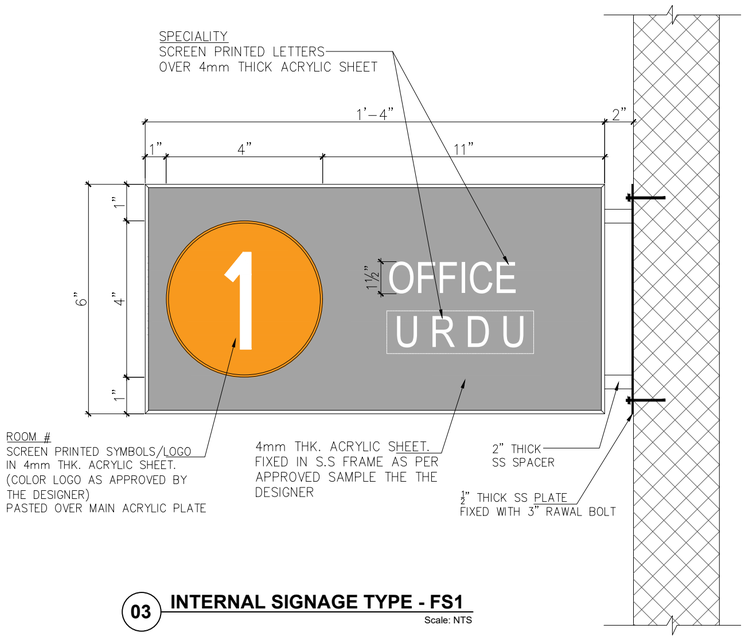
INTERNAL SIGNAGE ELEVATION AND TYPICAL DETAIL-IV

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-NCC-04- A605	REVISION: 00

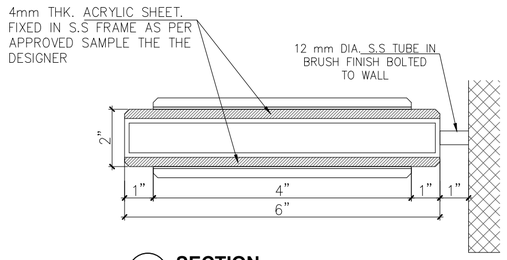
PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

FS1 ROOM SIGNAGE (FLAG TYPE)

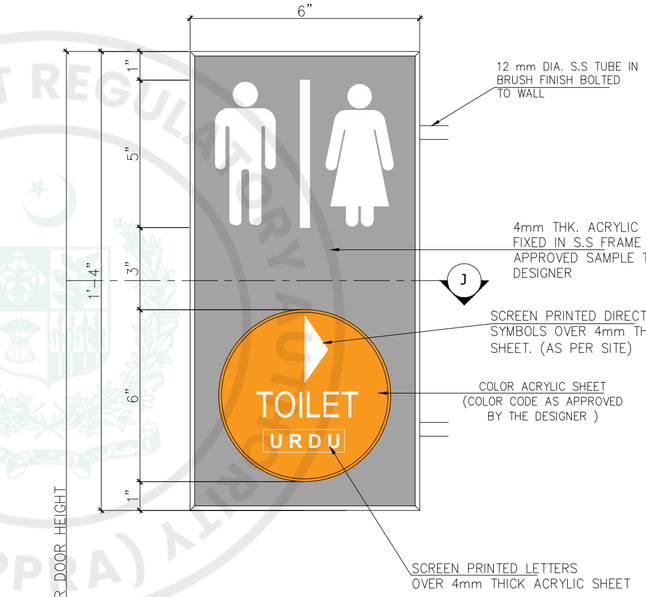


03 INTERNAL SIGNAGE TYPE - FS1
Scale: NTS

FS2 DIRECTIONAL SIGNAGE (FLAG TYPE)



J SECTION
Scale: NTS



08 INTERNAL SIGNAGE TYPE - FS2
Scale: NTS

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CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

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DRAWING TITLE:

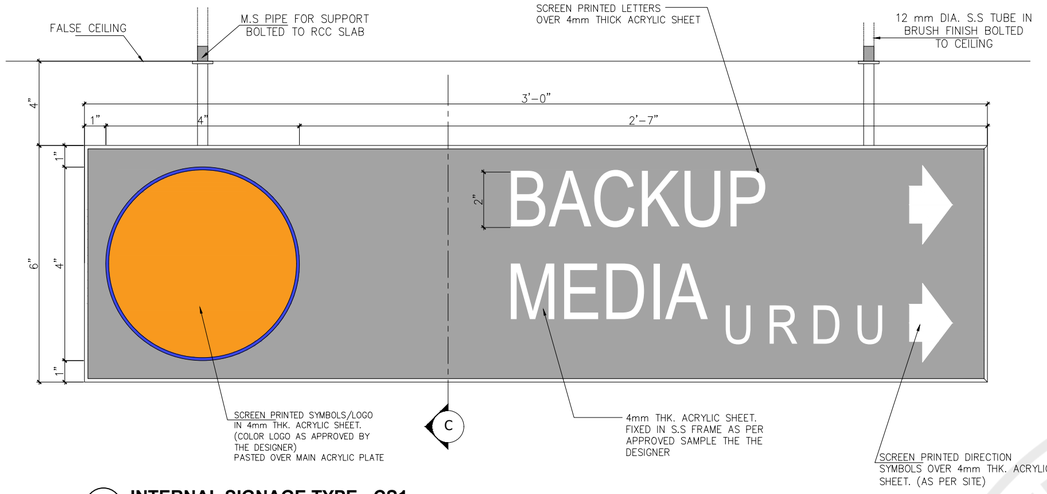
INTERNAL SIGNAGE ELEVATION AND TYPICAL DETAIL-V

REV.	DATE	DESCRIPTION

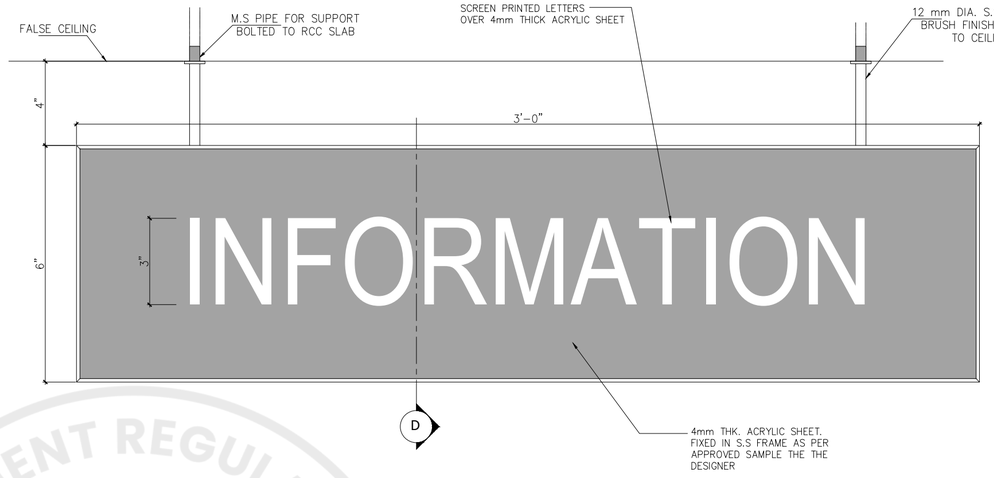
DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-NCC-04- A606	REVISION: 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

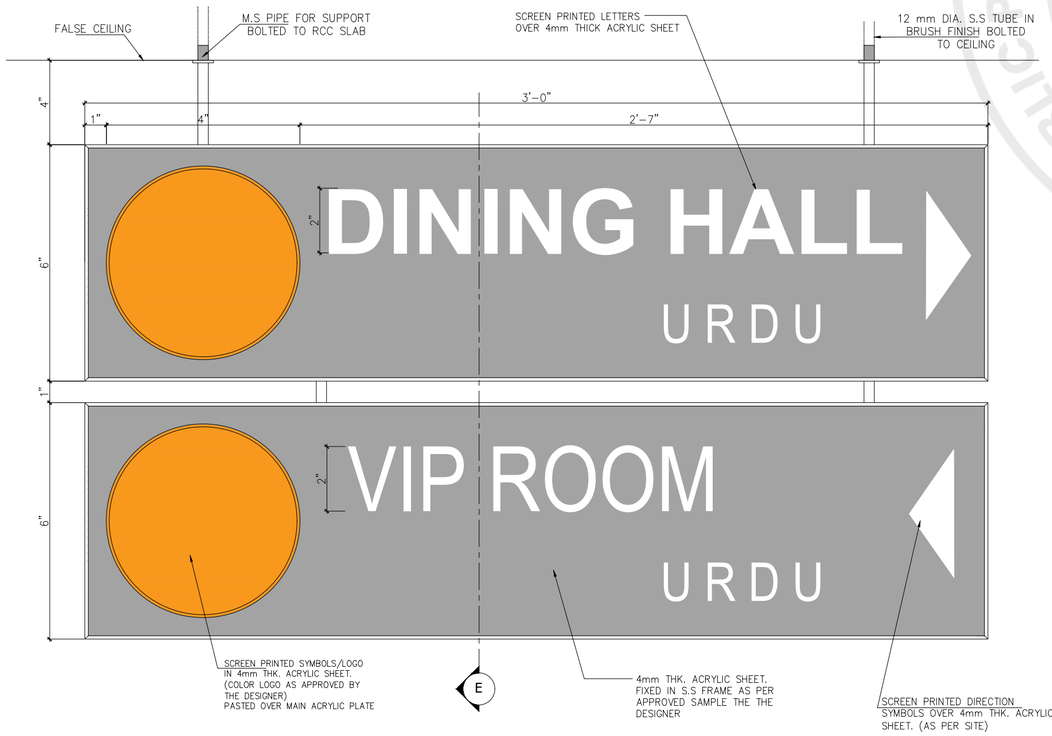
CS1 OVER HEAD SIGNAGE (CEILING MOUNTED)



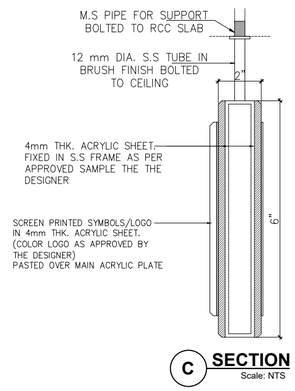
06 INTERNAL SIGNAGE TYPE - CS1 (TYPE-A)
Scale: NTS



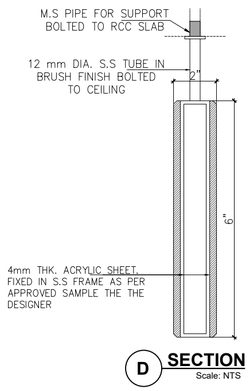
06a INTERNAL SIGNAGE TYPE - CS1 (TYPE-B)
Scale: NTS



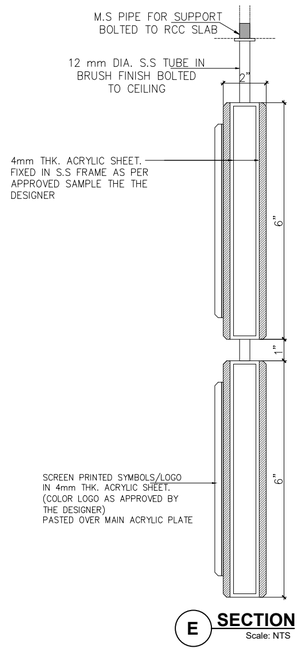
06b INTERNAL SIGNAGE TYPE - CS1 (TYPE-C)
Scale: NTS



C SECTION
Scale: NTS



D SECTION
Scale: NTS



E SECTION
Scale: NTS

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CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

INTERNAL SIGNAGE ELEVATION AND TYPICAL DETAIL-VI

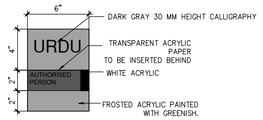
REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-NCC-04- A607	REVISION: 00

PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

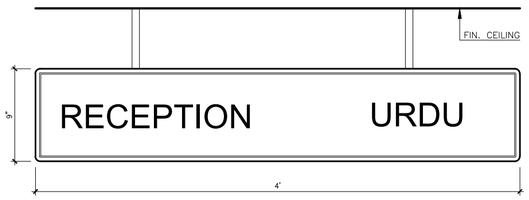
SIGNAGE TYPES

S1: TYPICAL ROOM SIGN (WALL MOUNTED / DOOR MOUNTED)



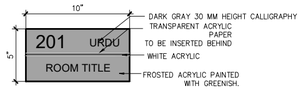
MATERIAL	FONT	MOUNTING
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S2: WAY FINDING (CEILING HUNG)



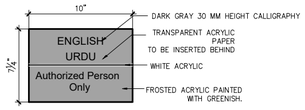
MATERIAL	FONT	MOUNTING
5 MM THICK., NON GLARE ACRYLIC SHEET	ENGLISH:HELVETICA NEUE , REGULAR	CEILING MOUNTING

S3: ROOM ID (WALL TYPE)



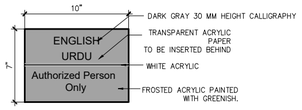
MATERIAL	FONT	MOUNTING
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S4: ROOM ID (WALL TYPE)



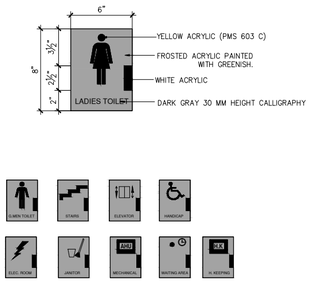
MATERIAL	FONT	MOUNTING
5 MM THICK., NON GLARE ACRYLIC SHEET	ENGLISH:HELVETICA NEUE , REGULAR	DOOR /WALL MOUNTING

S5: ROOM ID (GLASS CUBICAL)



MATERIAL	FONT	MOUNTING
5 MM THICK., NON GLARE ACRYLIC SHEET	ENGLISH:HELVETICA NEUE , REGULAR	DOOR /WALL MOUNTING

S6: PICTOGRAM SIGNAGE



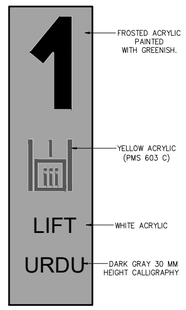
MATERIAL	FONT	MOUNTING
5 MM THICK., NON GLARE ACRYLIC SHEET	ENGLISH:HELVETICA NEUE , REGULAR	DOOR /WALL MOUNTING

S7: ENVIRONMENTAL SIGNAGE



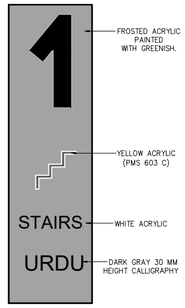
MATERIAL	FONT	MOUNTING
5 MM THICK., NON GLARE ACRYLIC SHEET	ENGLISH:HELVETICA NEUE , REGULAR	DOOR /WALL MOUNTING

S8: LIFT SIGNAGE (WALL TYPE)



MATERIAL	FONT	MOUNTING
5 MM THICK., NON GLARE ACRYLIC SHEET	ENGLISH:HELVETICA NEUE , REGULAR	DOOR /WALL MOUNTING

S9: STAIR SIGNAGE (WALL TYPE)



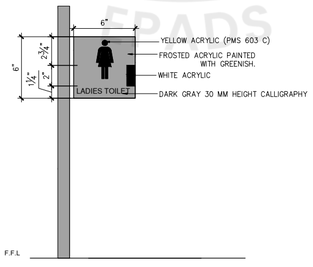
MATERIAL	FONT	MOUNTING
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S12: ENERGENCY EXIT SIGNAGE (WALL TYPE)



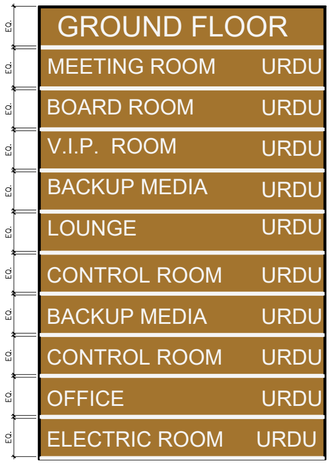
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S13: PICTOGRAM FLAG SIGNAGE

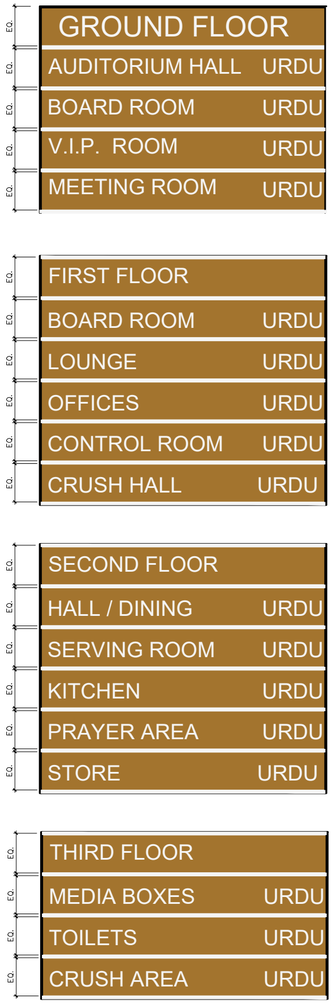


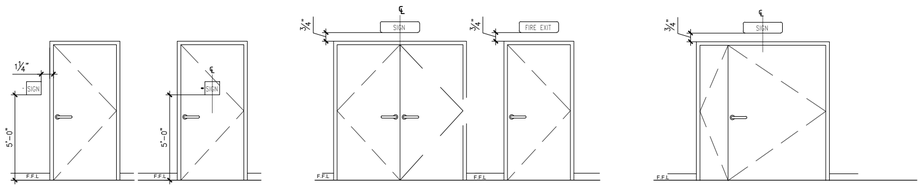
MATERIAL	FONT	MOUNTING
5 MM THICK., NON GLARE ACRYLIC SHEET	ENGLISH:HELVETICA NEUE , REGULAR	FLAG

S10: BUILDING DIRECTORY (WALL TYPE)



S11: FLOOR DIRECTORY (WALL TYPE)





1 - WALL MOUNTED | 2 - DOOR MOUNTED | 3 - ABOVE DOOR MOUNTED (DOUBLE DOOR) | 4 - ABOVE DOOR MOUNTED (SINGLE DOOR) | 5 - ABOVE DOOR MOUNTED (DOUBLE DOOR)

GENERAL NOTES:

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2. IF ANY ERROR OR OMISSION IS FOUND IN DRAWING THIS OFFICE MAY BE CONSULTED FOR RECTIFICATION.
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CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

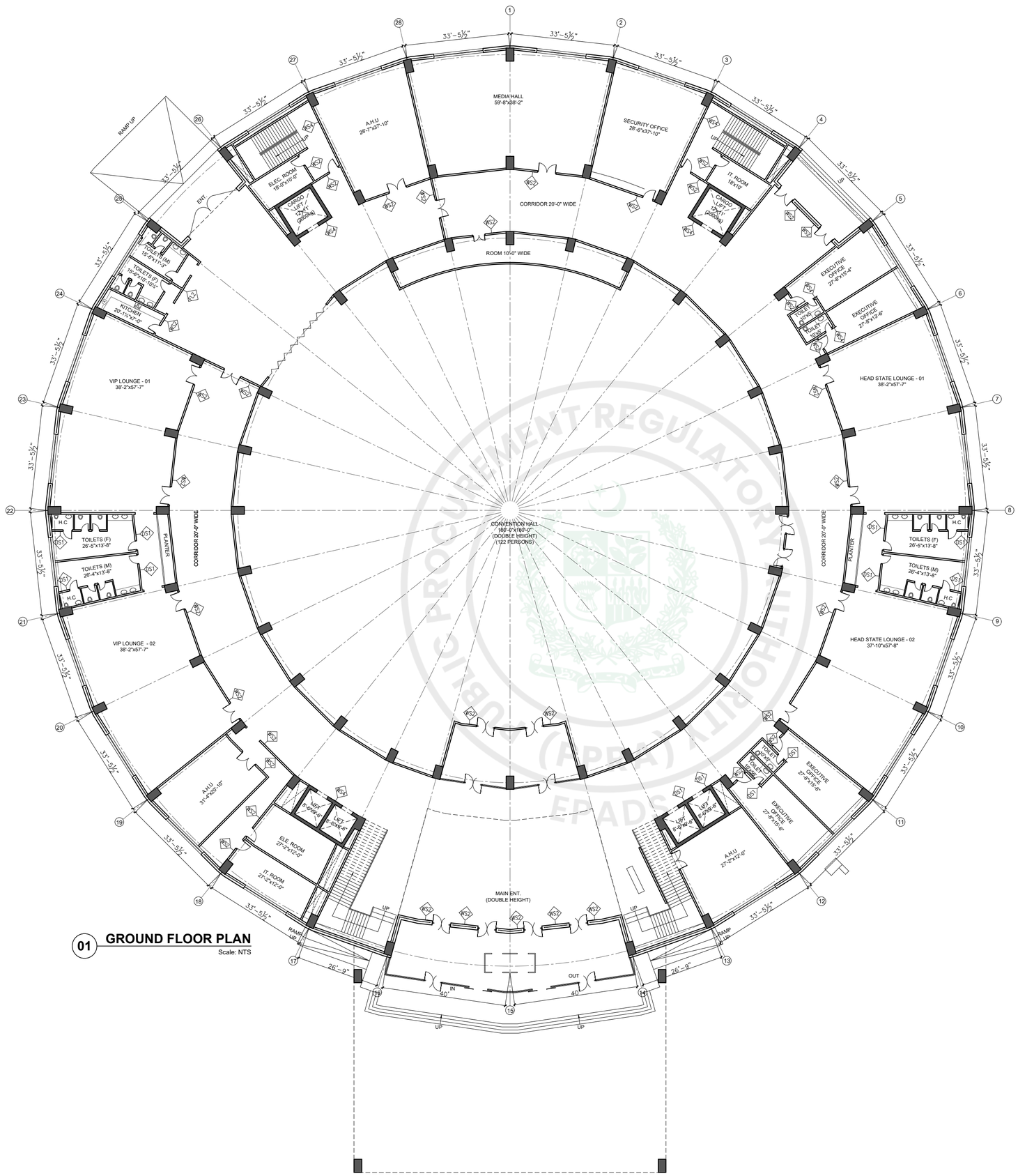
DRAWING TITLE:

INTERNAL SIGNAGE ELEVATION AND TYPICAL DETAIL-VII

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-NCC-04- A608	REVISION: 00

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01 GROUND FLOOR PLAN

Scale: NTS

GENERAL NOTES:

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CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

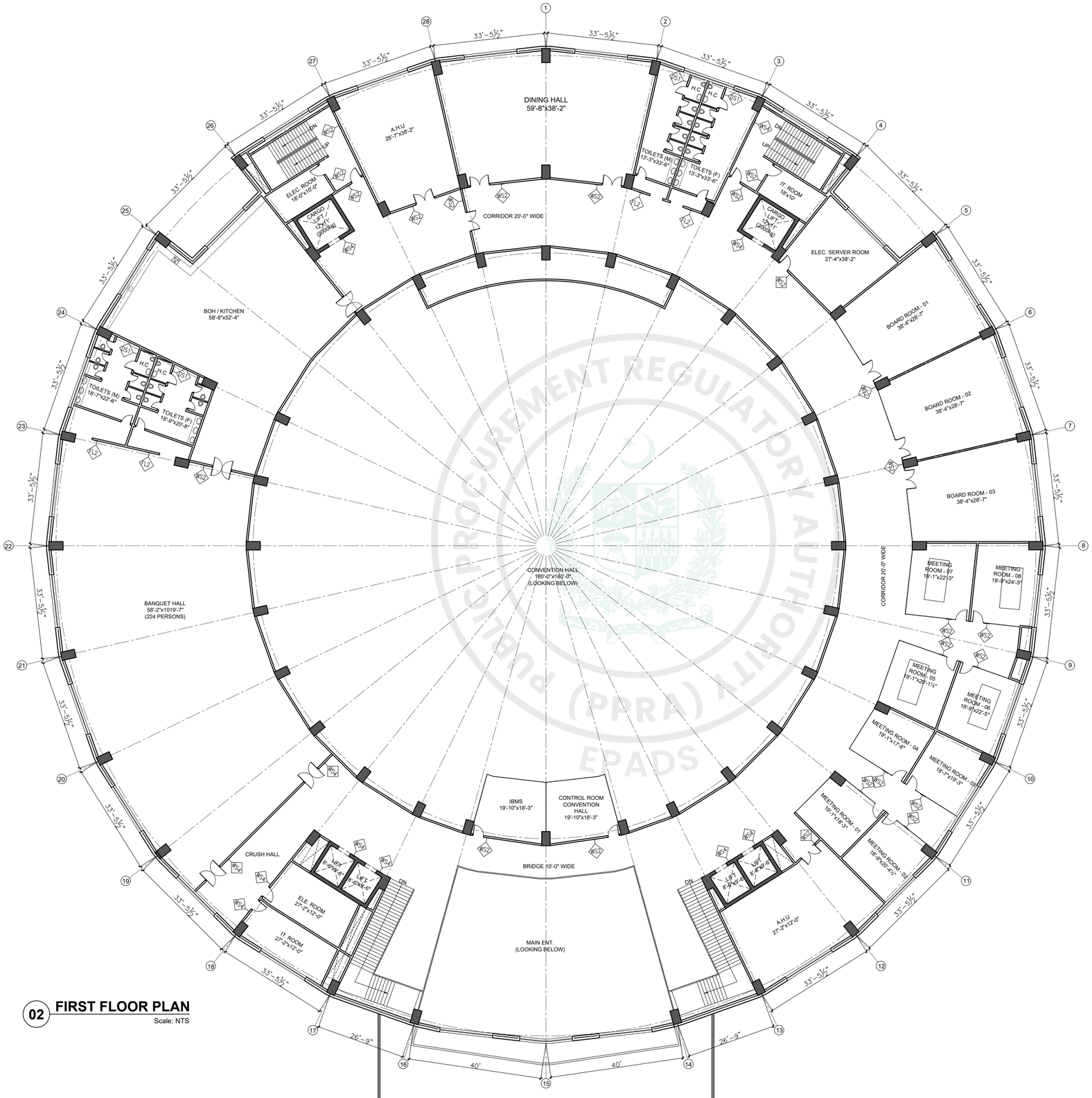
DRAWING TITLE:

GROUND FLOOR (SIGNAGE TAGGING PLAN)

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/16" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-NCC-04- A608	REVISION: 00

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02 FIRST FLOOR PLAN
Scale: NTS

GENERAL NOTES:

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PROJECT:

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PROJECT STATUS:

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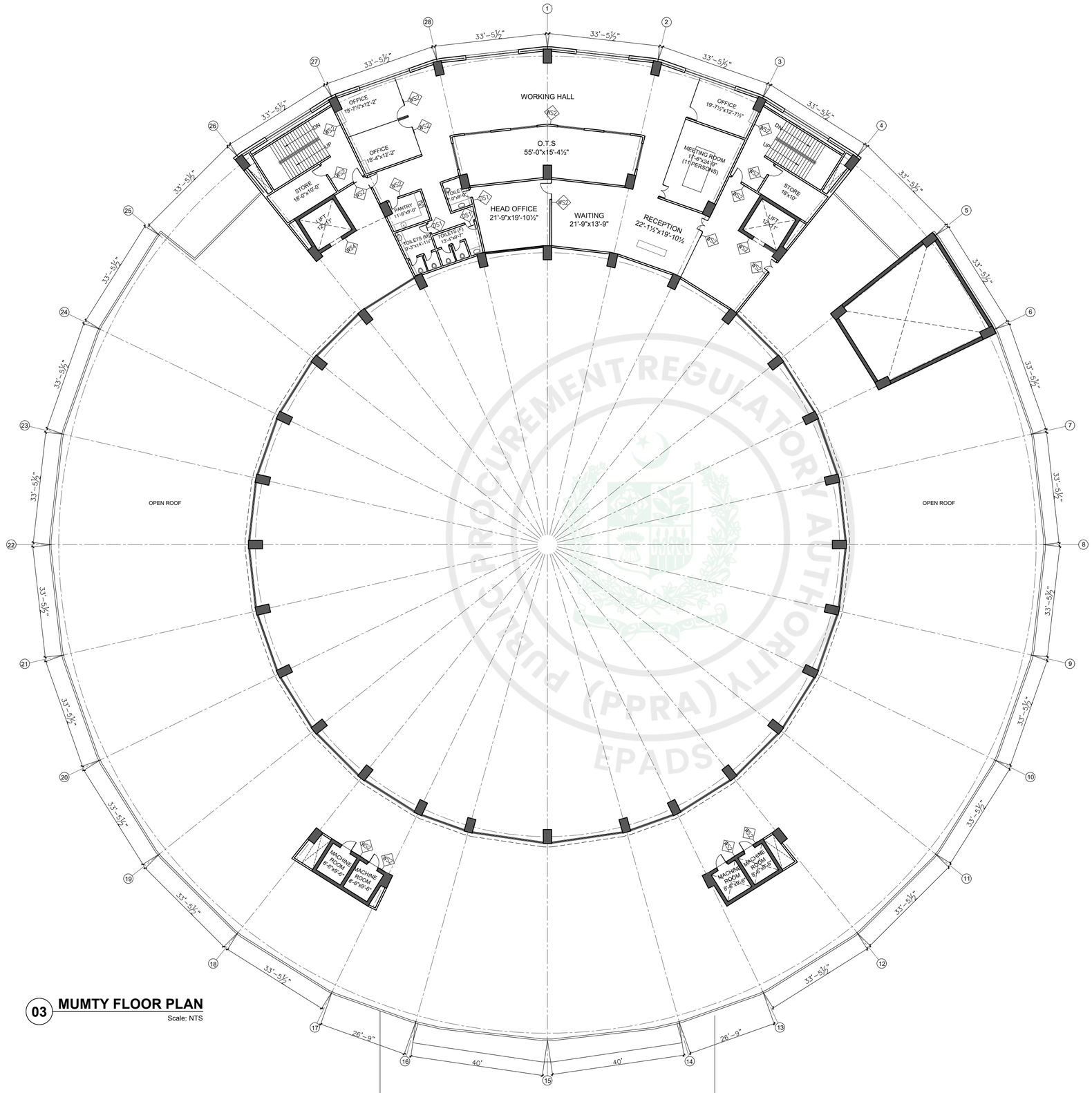
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FIRST FLOOR (SIGNAGE TAGGING PLAN)

REV.	DATE	DESCRIPTION

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DRAWING NO. CNCCI-NCC-04- A609	REVISION: 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



03 MUMTY FLOOR PLAN
Scale: NTS

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PROJECT:

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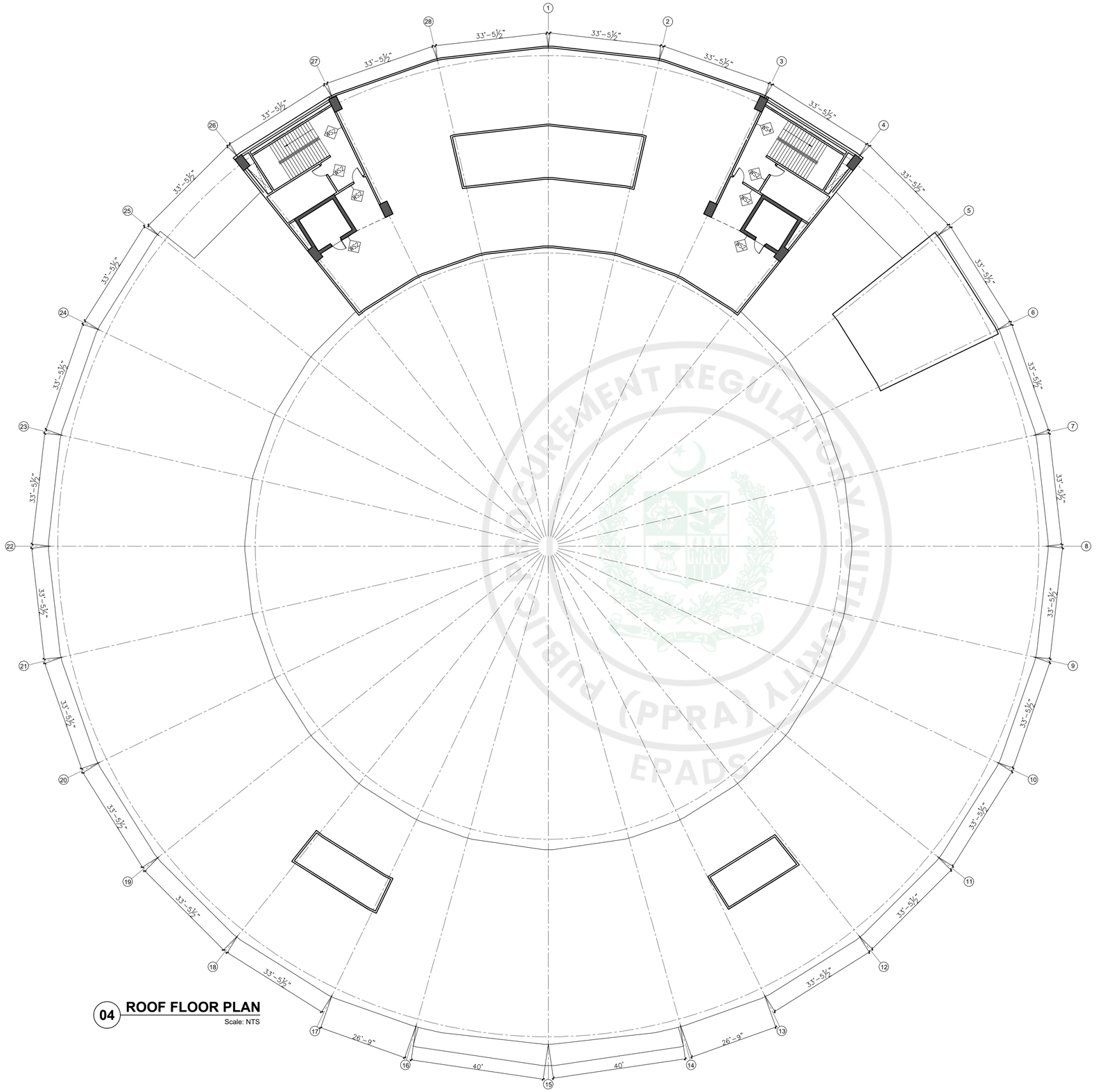
DRAWING TITLE:

MUMTY FLOOR (SIGNAGE TAGGING PLAN)

REV.	DATE	DESCRIPTION

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DRAWING NO. CNCCI-NCC-04- A610	REVISION: 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



04 ROOF FLOOR PLAN
Scale: NTS

PROCUREMENT REGULATORY AUTHORITY
PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA)
EPADS

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CLIENT:

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PROJECT STATUS:

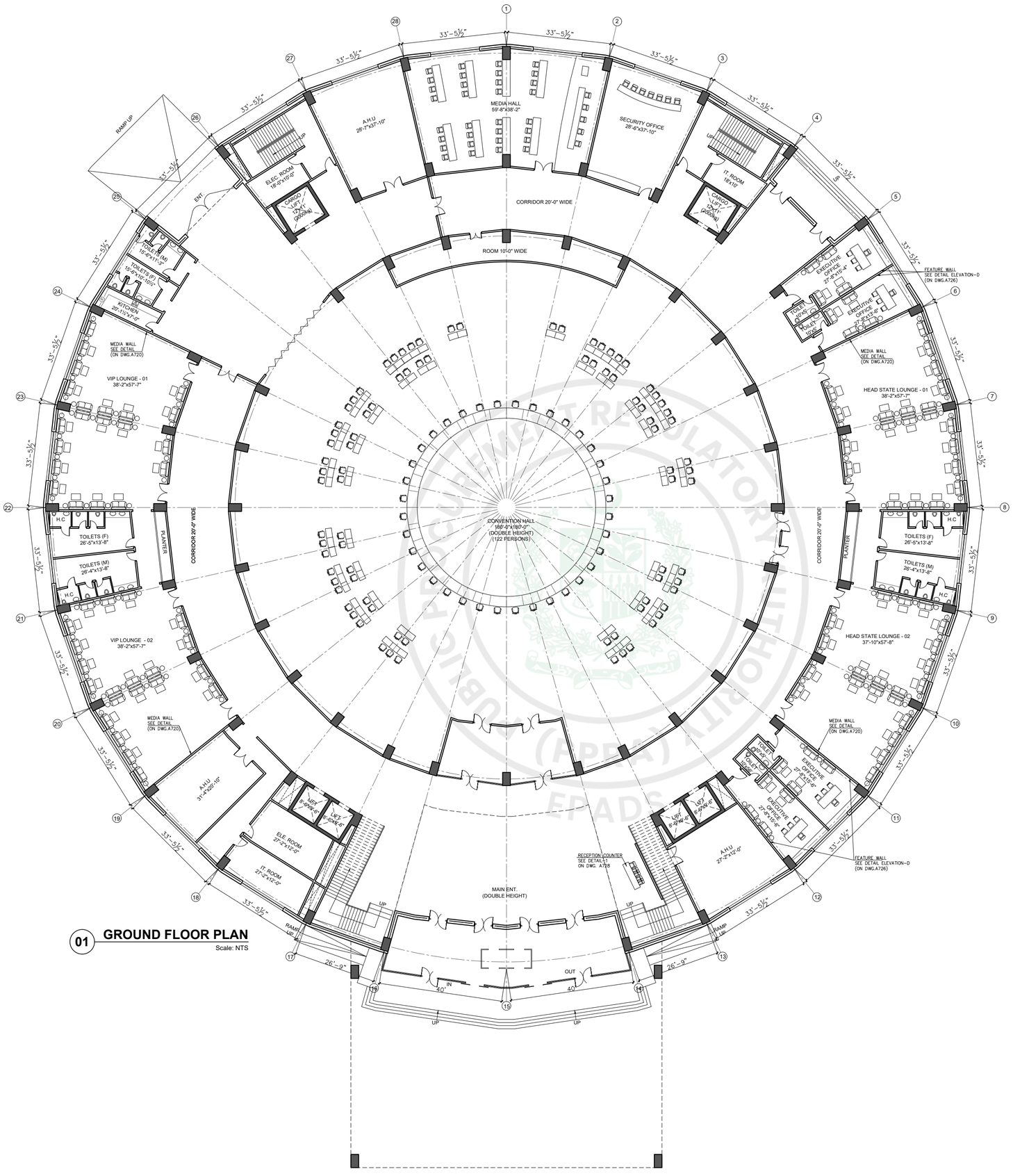
TENDER DRAWINGS

DRAWING TITLE:

ROOF FLOOR (SIGNAGE TAGGING PLAN)

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/16" = 1'-0"
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DRAWING NO. CNCCI-NCC-04- A611	REVISION: 00



01 GROUND FLOOR PLAN
Scale: NTS

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PROJECT:

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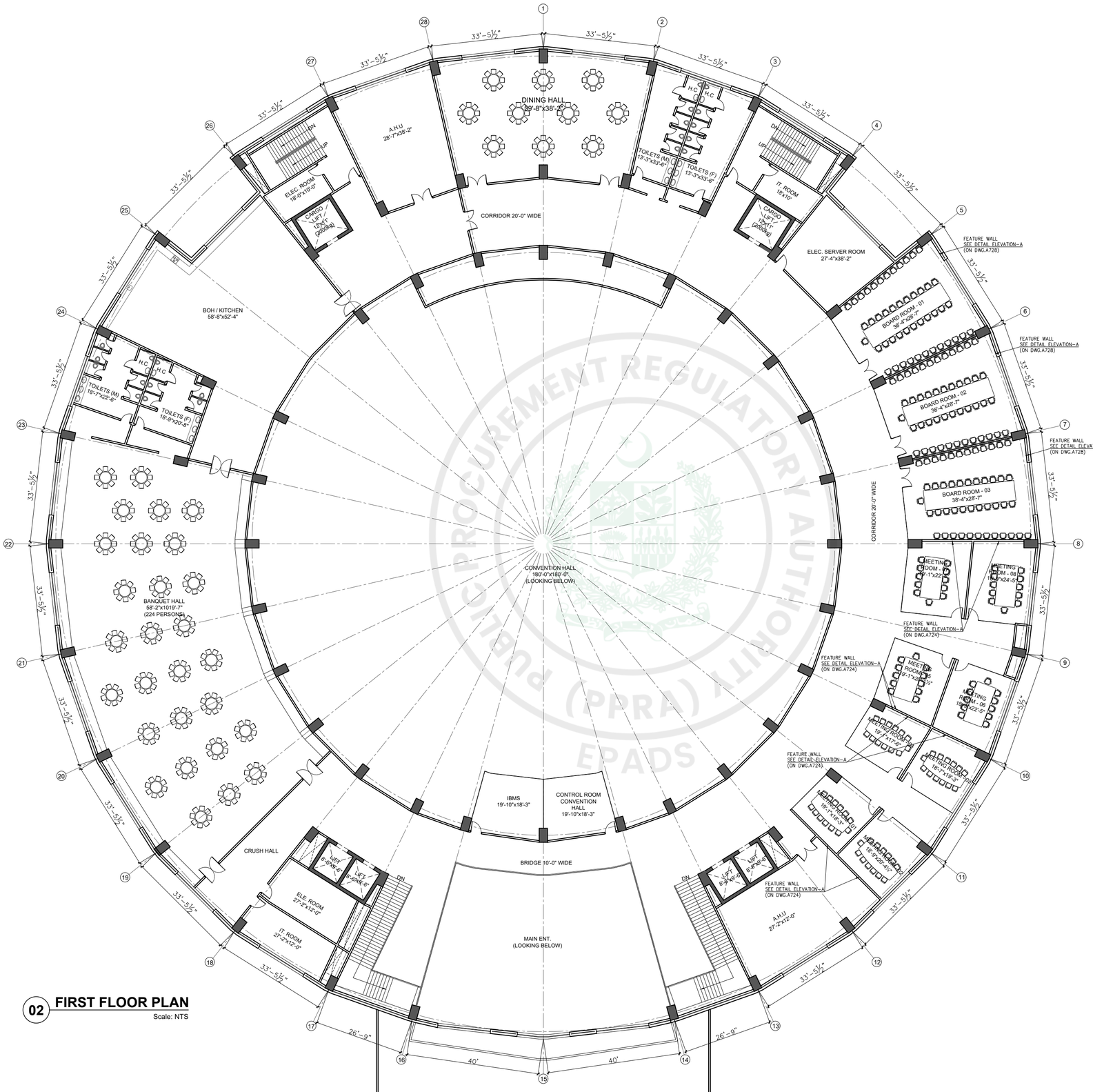
DRAWING TITLE:

GROUND FLOOR
(FIX FURNITURE TAGGING PLAN)

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/16" = 1'-0"
DRAWN BY:	DESIGN BY:
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DRAWING NO. CNCCI-NCC-04- A801	REVISION: 00

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02 FIRST FLOOR PLAN
Scale: NTS

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CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

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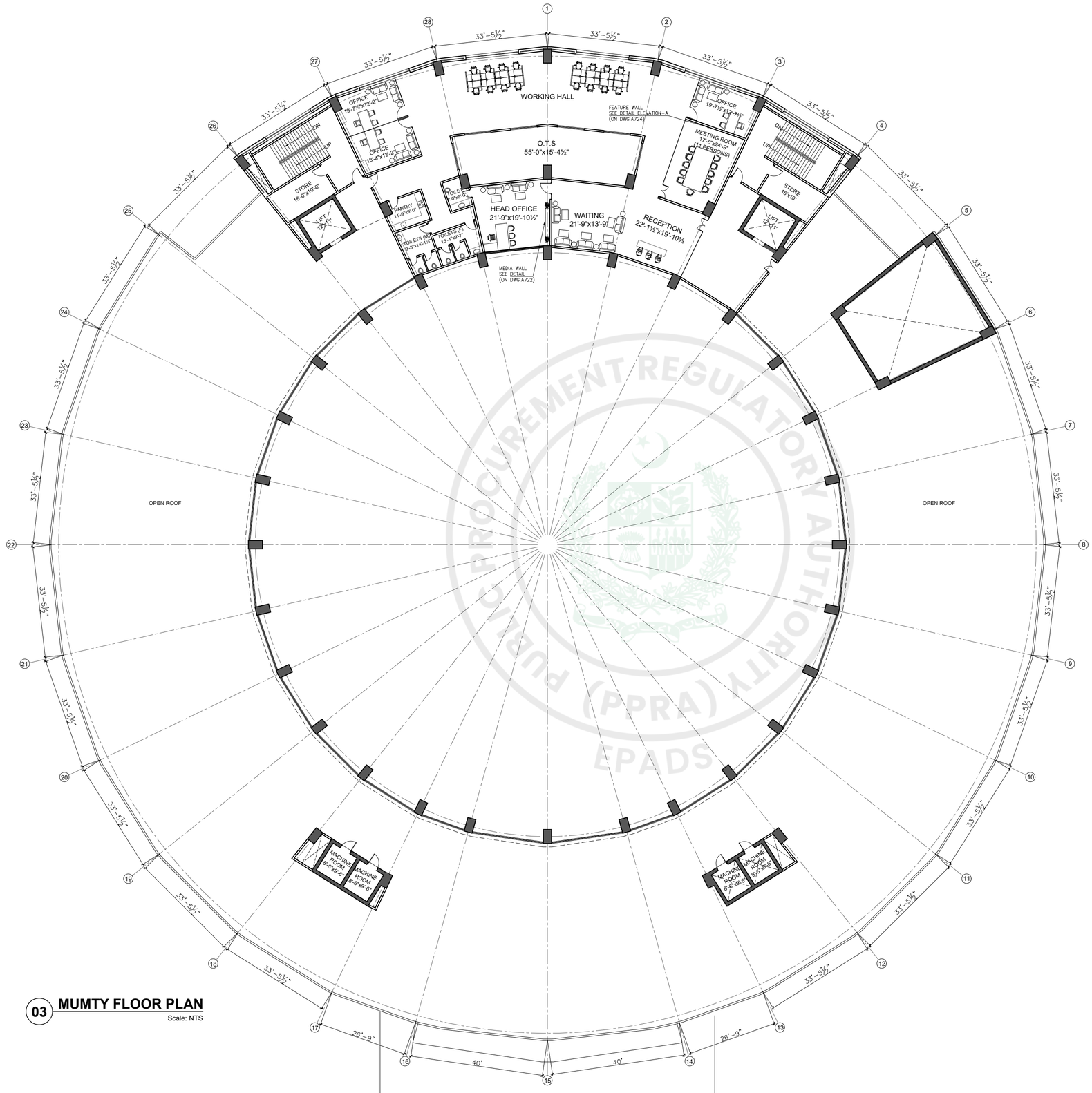
DRAWING TITLE:

FIRST FLOOR
(FIX FURNITURE TAGGING PLAN)

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/16" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-NCC-04- A802	REVISION: 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



03 MUMTY FLOOR PLAN
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CONSTRUCTION OF NEW
CONVENTION CENTER
ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

MUMTY FLOOR
(FIX FURNITURE TAGGING PLAN)

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/16" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-NCC-04- A803	REVISION: 00

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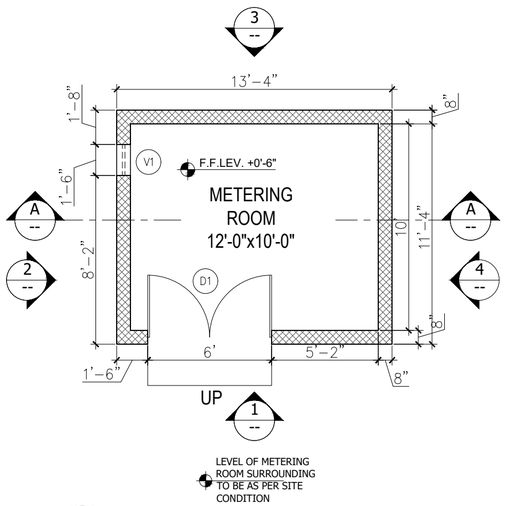
ANCILLARY BUILDINGS

TENDER DRAWINGS

ARCHITECTURE

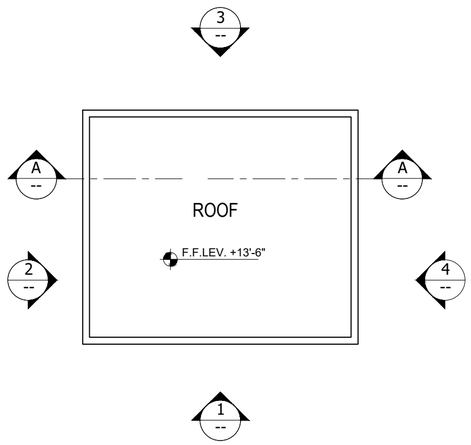
OCTOBER, 2026

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



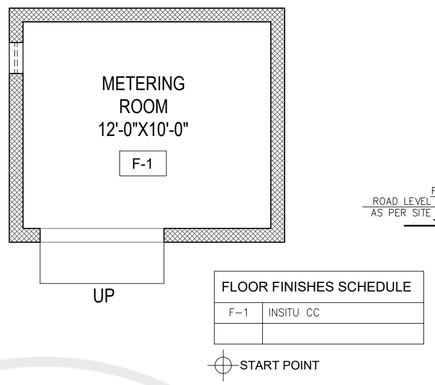
01 GROUND FLOOR PLAN

SCALE: 3/16"=1'-0"
COVERED AREA =151 SFT



02 ROOF PLAN

SCALE: 3/16"=1'-0"

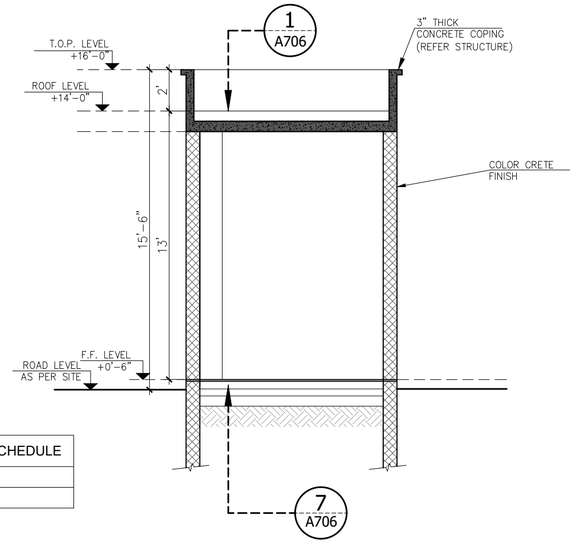


FLOOR FINISHES SCHEDULE	
F-1	INSITU CC

START POINT

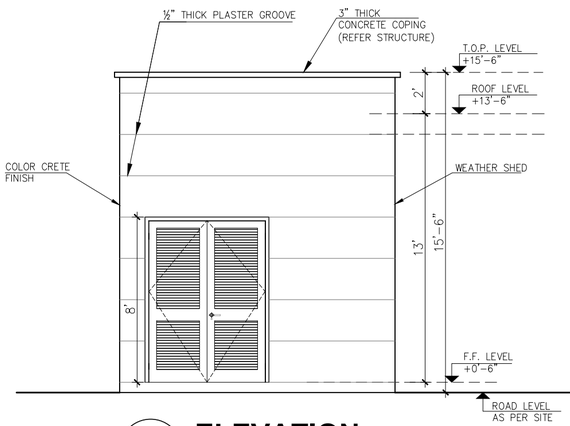
03 FLOOR PATTERN PLAN

SCALE: 3/16"=1'-0"



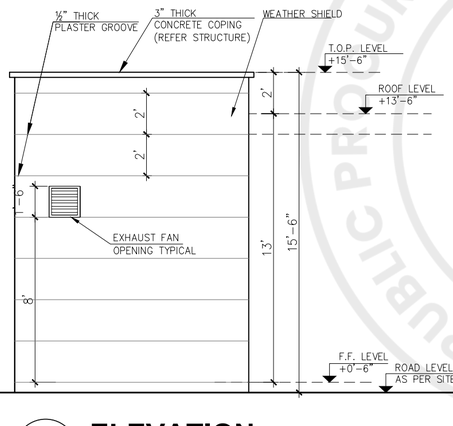
A SECTION

SCALE: 3/16"=1'-0"



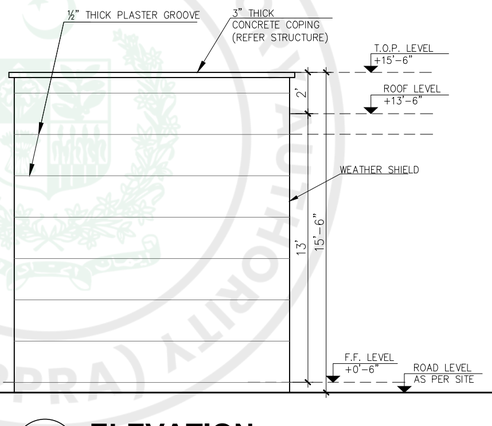
01 ELEVATION

SCALE: 3/16"=1'-0"



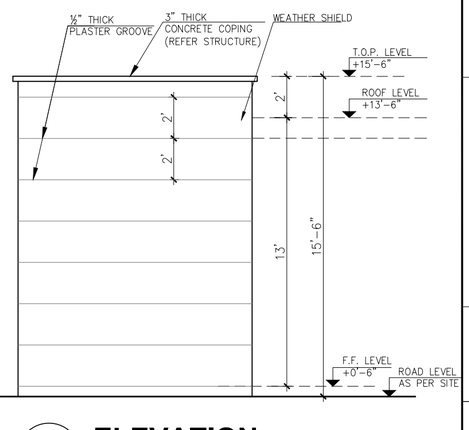
02 ELEVATION

SCALE: 3/16"=1'-0"



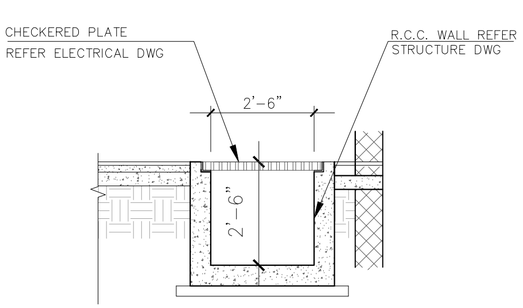
03 ELEVATION

SCALE: 3/16"=1'-0"



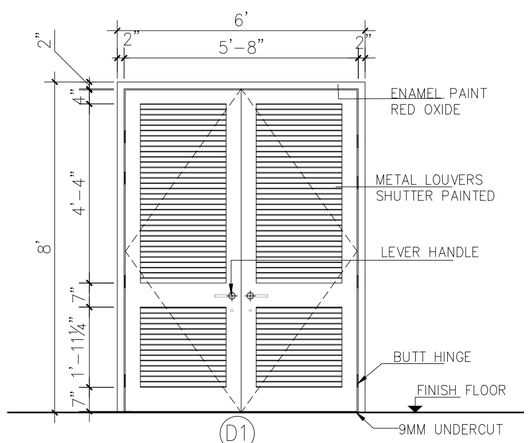
04 ELEVATION

SCALE: 3/16"=1'-0"



01 CABLE TRENCH DETAIL

SCALE: 3/8"=1'-0"



5 DOOR DETAIL

SCALE: 3/8"=1'-0"

DOOR SCHEDULE

TYPE	WIDE	HIGH	SILL	DESCRIPTION
D1	6'-0"	8'-0"	1/4"	MS LOUVER DOOR
V1	1'-6"	1'-6"	8'-0"	MS VENTILATOR

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11. RAIN WATER PIPES , ROOF SLOPES , RIDGES ARE INDICATIVE ONLY PLEASE REFER MEP DRAWINGS FOR DETAILS.
12. PLEASE VERIFY THE ROAD LEVELS WITH REFERENCE TO GRADING PLAN AS IT VARIES AT VARIOUS LOCATIONS /ENTRANCES OF THE BUILDING.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

(ANCILLARY BUILDINGS)

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

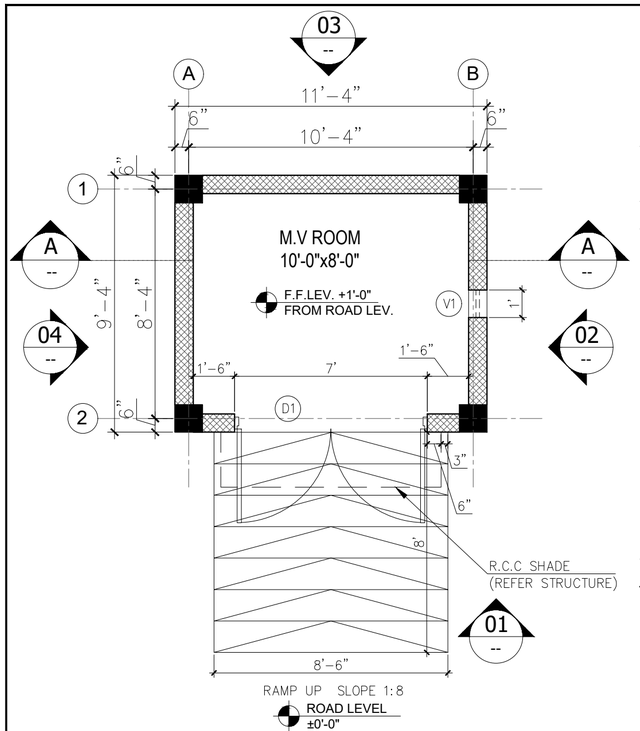
METERING ROOM DETAIL

REV.	DATE	DESCRIPTION

DATE: OCTOBER,2026	SCALE: AS SHOWHN
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:

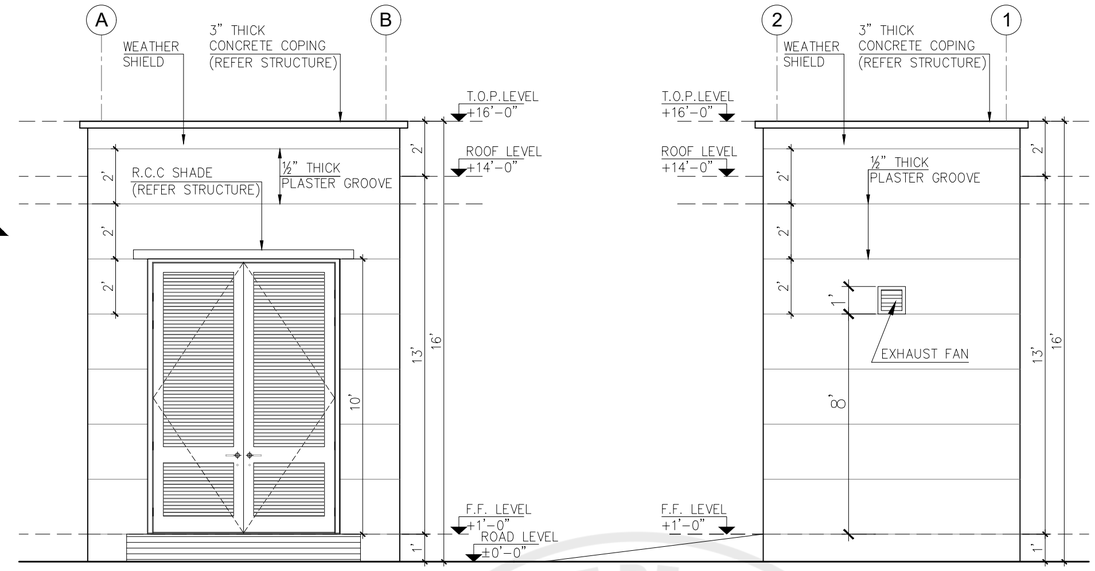
DRAWING NO.	REV.
CNCCI-AB-04- A101	00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



01 GROUND FLOOR PLAN

Scale: 1/4"=1'-0"
COVERED AREA =106 SFT

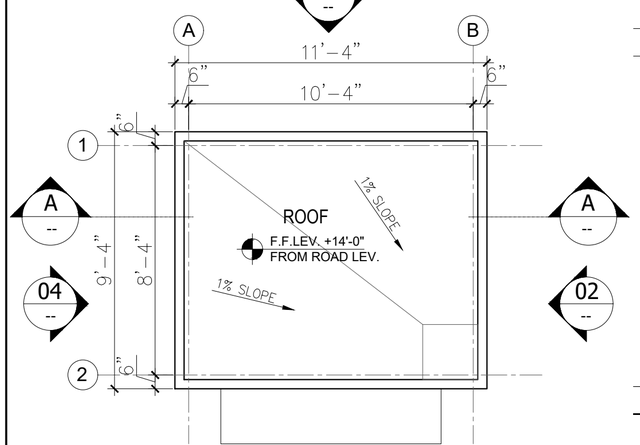


01 ELEVATION

Scale: 1/4"=1'-0"

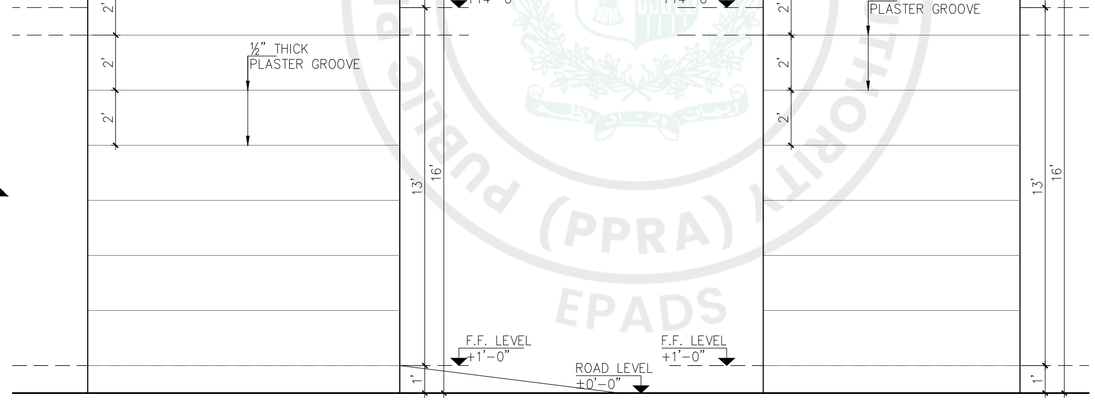
02 ELEVATION

Scale: 1/4"=1'-0"



02 ROOF PLAN

Scale: 1/4"=1'-0"

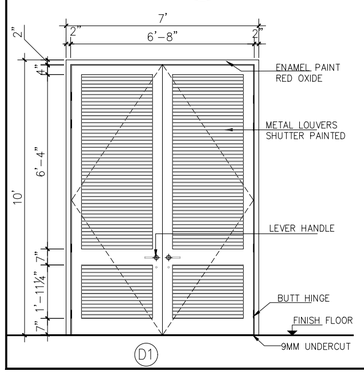


03 ELEVATION

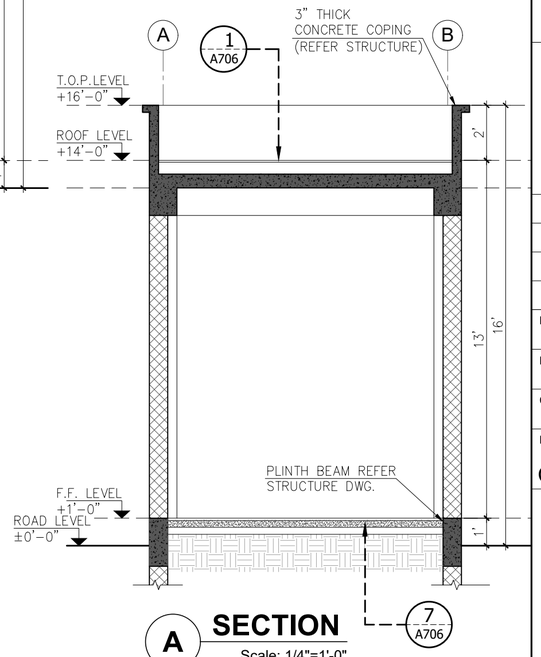
Scale: 1/4"=1'-0"

04 ELEVATION

Scale: 1/4"=1'-0"



DOOR SCHEDULE				
TYPE	WIDE	HIGH	SILL	DESCRIPTION
D1	7'-0"	10'-0"	1/4"	MS LOUVERED DOOR
V1	1'-0"	1'-0"	8'-0"	MS LOUVERED VENTILATE



A SECTION

Scale: 1/4"=1'-0"

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CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

(ANCILLARY BUILDINGS)

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

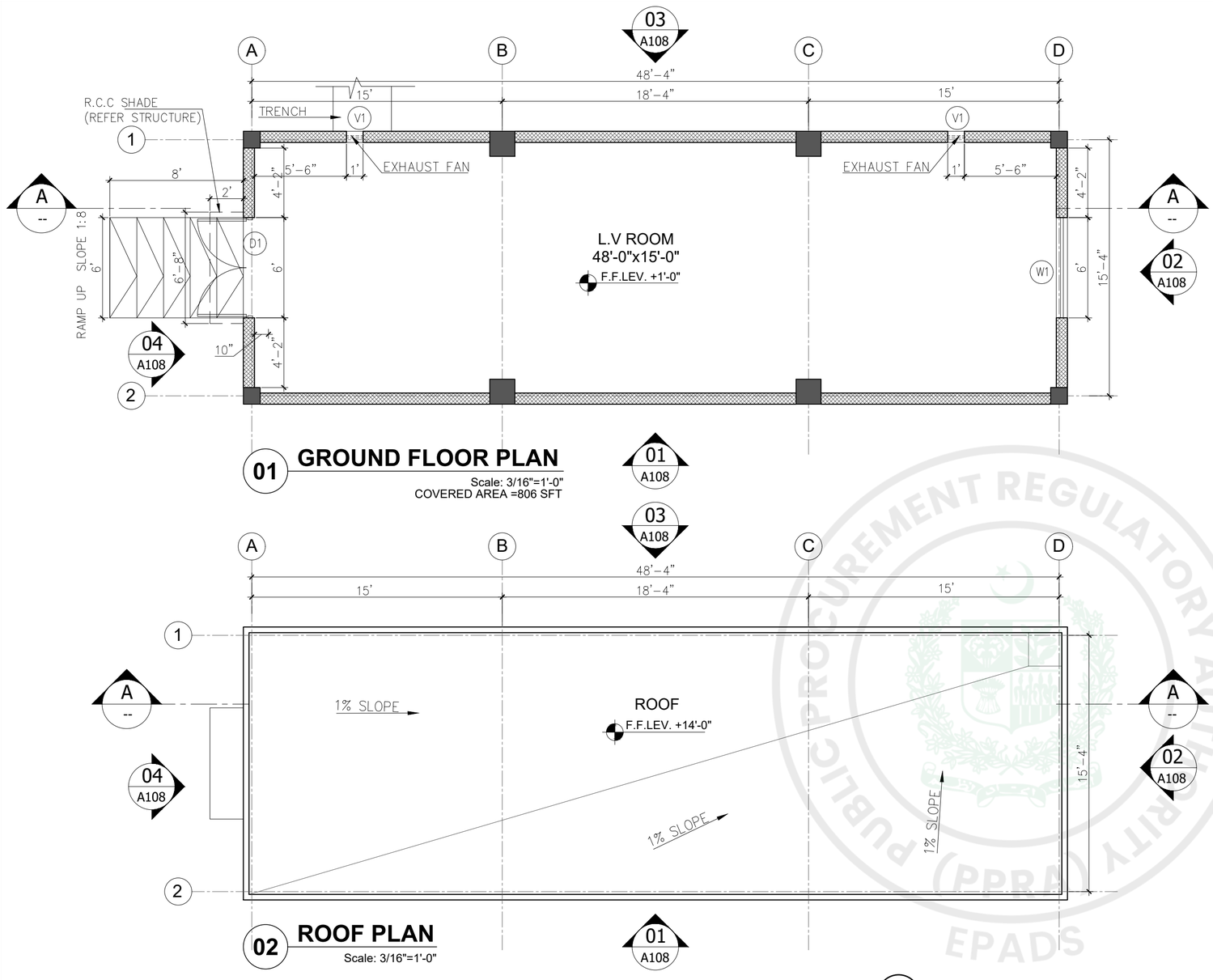
M.V. ROOM DETAIL - I

REV.	DATE	DESCRIPTION

DATE: OCTOBER,2026	SCALE: AS SHOWHN
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:

DRAWING NO.		REV.
CNCCI-AB-04-	A102	00

PROCUREMENT REGULATORY AUTHORITY PUBLIC (PPRA) EPADS



01 GROUND FLOOR PLAN

Scale: 3/16"=1'-0"
COVERED AREA =806 SFT

02 ROOF PLAN

Scale: 3/16"=1'-0"

A SECTION

Scale: 3/16"=1'-0"

DOOR SCHEDULE

TYPE	WIDE	HIGH	SILL	DESCRIPTION
D1	6'-0"	8'-0"	1/4"	MS LOUVERED DOOR
W1	6'-0"	5'-0"	3'-0"	ALUMINUM GLASS WINDOW (DOUBLE GLAZED)
				6mm (tinted)+12mm+6mm (BOTH TEMPERED)
V1	1'-0"	1'-0"	8'-0"	MS VENTILATOR

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CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

(ANCILLARY BUILDINGS)

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

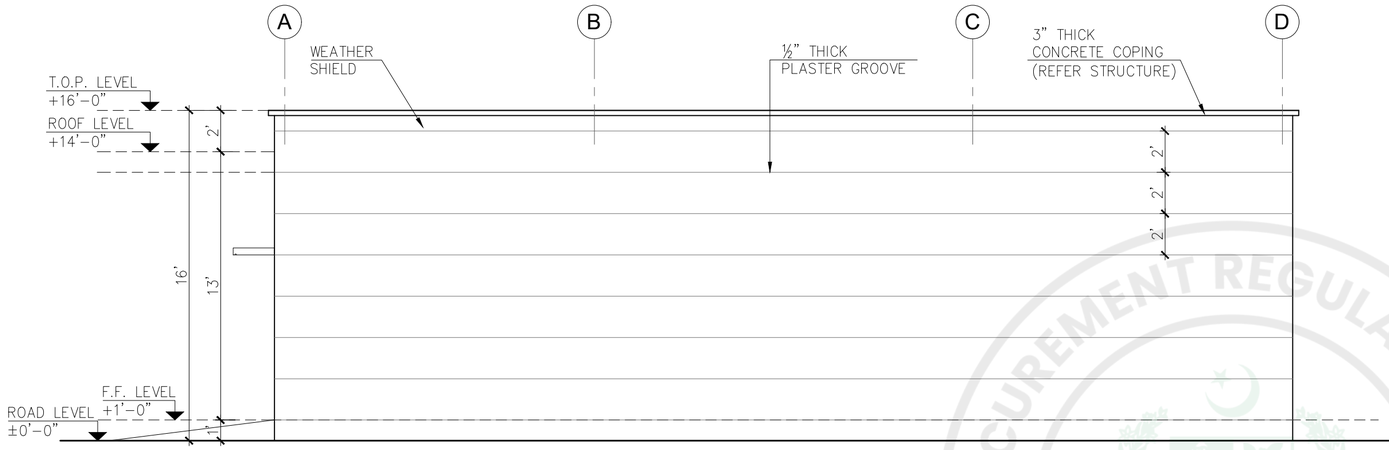
L.V ROOM DETAIL - I

REV.	DATE	DESCRIPTION

DATE: OCTOBER,2026	SCALE: AS SHOWHN
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:

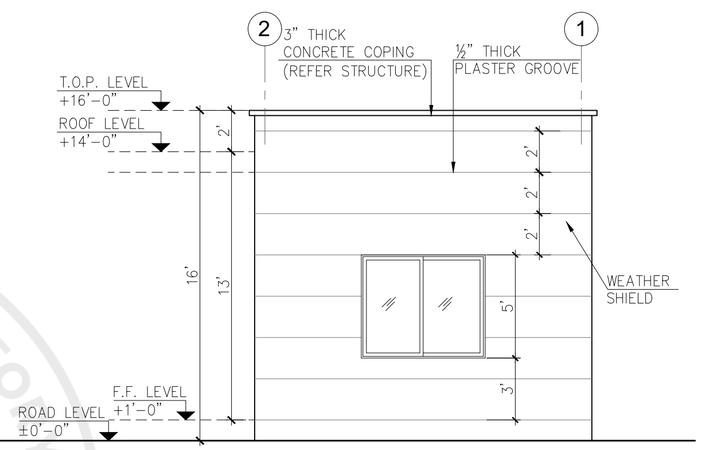
DRAWING NO. CNCCI-AB-04- A103 REV. 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



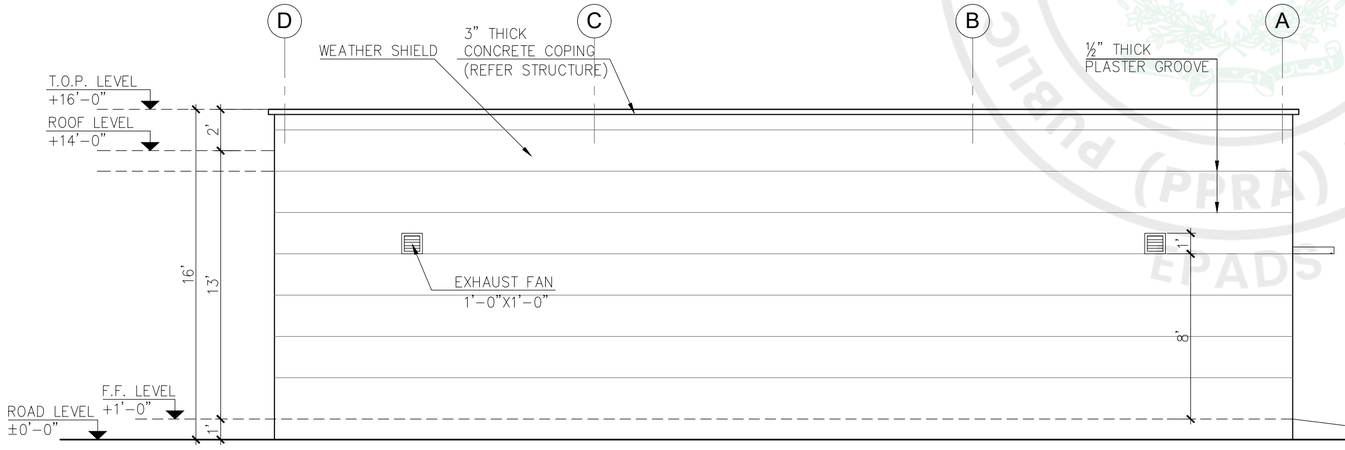
01 ELEVATION

Scale: 3/16"=1'-0"



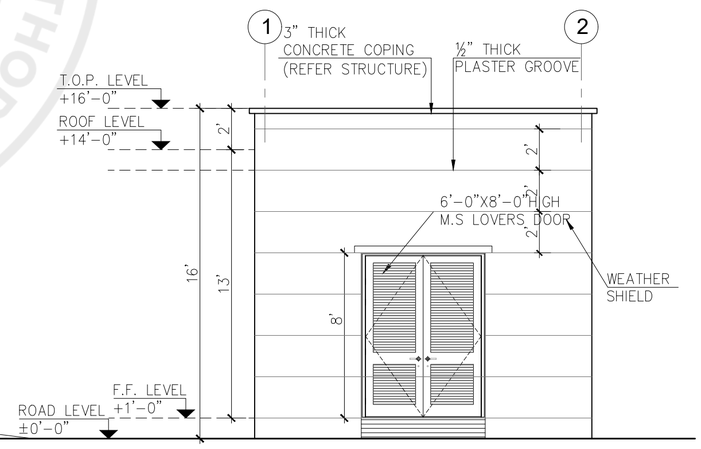
02 ELEVATION

Scale: 3/16"=1'-0"



03 ELEVATION

Scale: 3/16"=1'-0"



04 ELEVATION

Scale: 3/16"=1'-0"

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CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

(ANCILLARY BUILDINGS)

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

L.V. ROOM DETAIL - II

REV.	DATE	DESCRIPTION
		AS SHOWHN

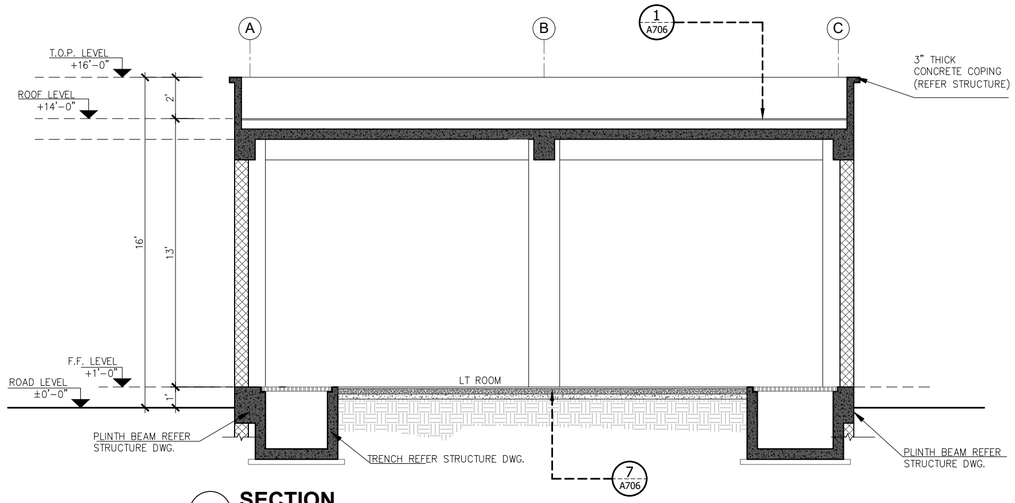
DATE: OCTOBER,2026	SCALE:
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:

DRAWING NO.	REV.
CNCCI-AB-04- A104	00

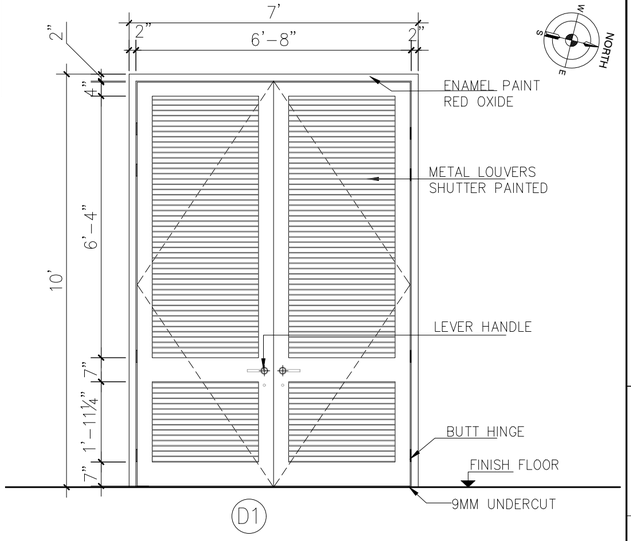
PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

DOOR SCHEDULE

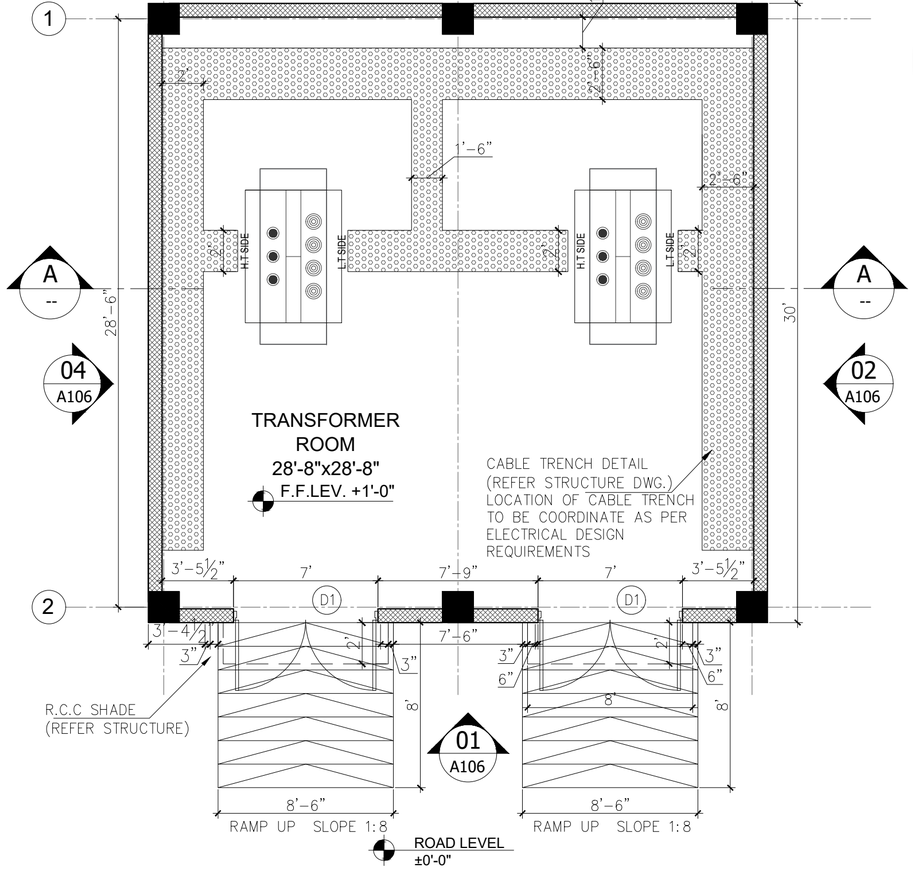
TYPE	WIDE	HIGH	SILL	DESCRIPTION
D1	7'-0"	10'-0"	1/4"	MS LOUVERED DOOR



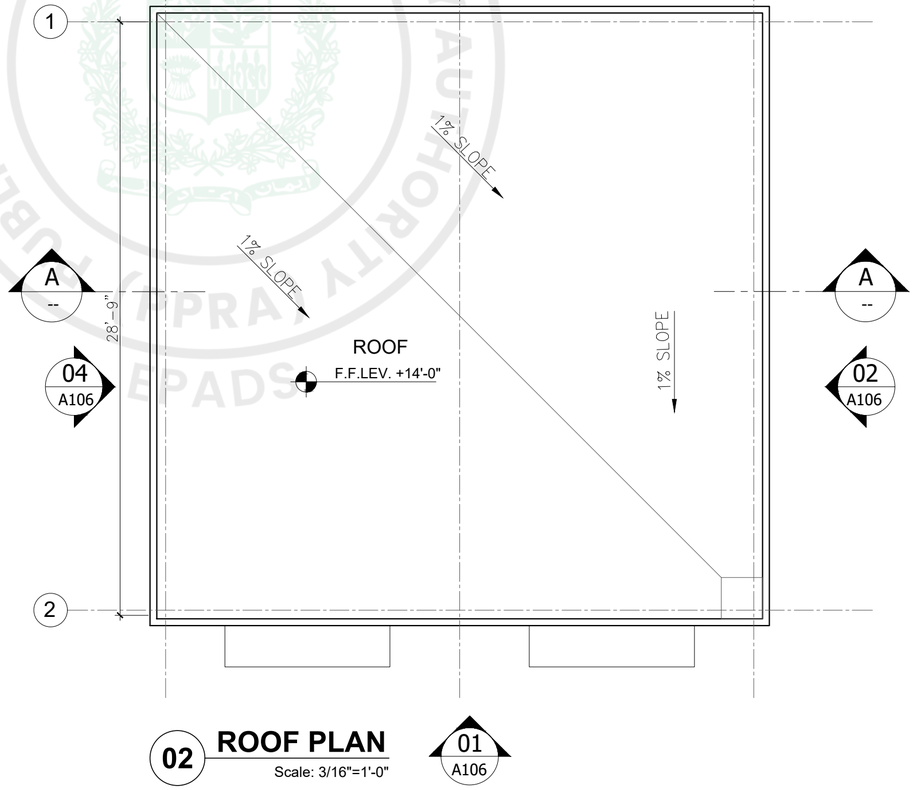
A SECTION
Scale: 1/4"=1'-0"



D1



01 GROUND FLOOR PLAN
Scale: 3/16"=1'-0"
COVERED AREA =900 SFT



02 ROOF PLAN
Scale: 3/16"=1'-0"

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CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

(ANCILLARY BUILDINGS)

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

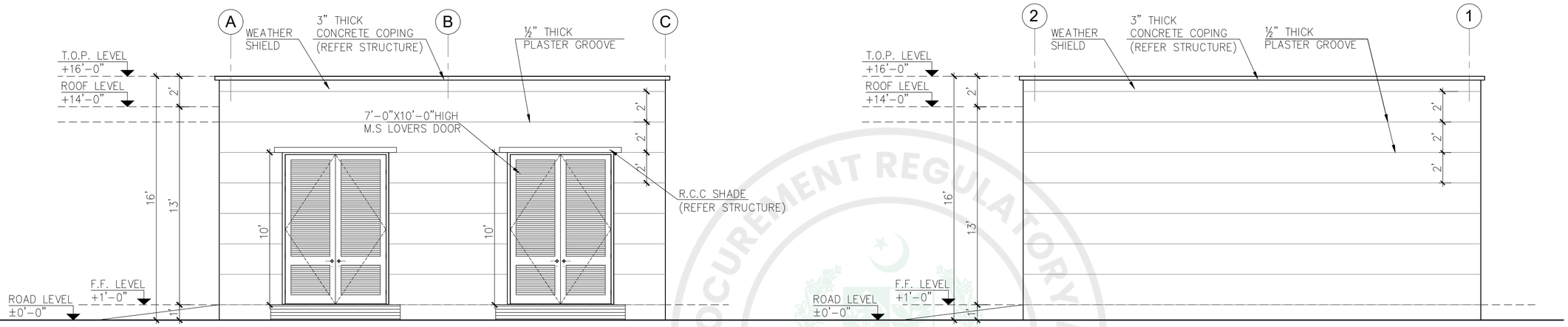
TRANSFORMER ROOM DETAIL - I

REV.	DATE	DESCRIPTION
		AS SHOWHN

DATE: OCTOBER,2026	SCALE:
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:

DRAWING NO.		REV.
CNCCI-AB-04-	A105	00

PUBLIC PROCUREMENT REGULATORY AUTHORITY
EPADS

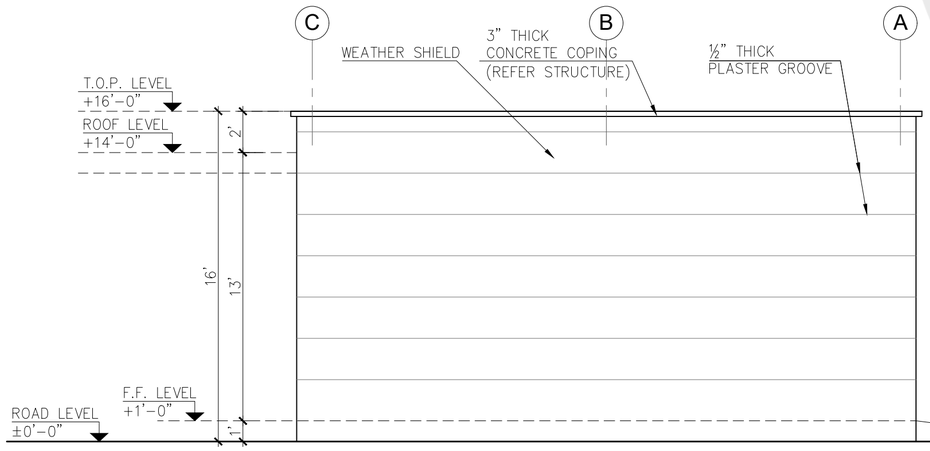


01 ELEVATION

Scale: 3/16"=1'-0"

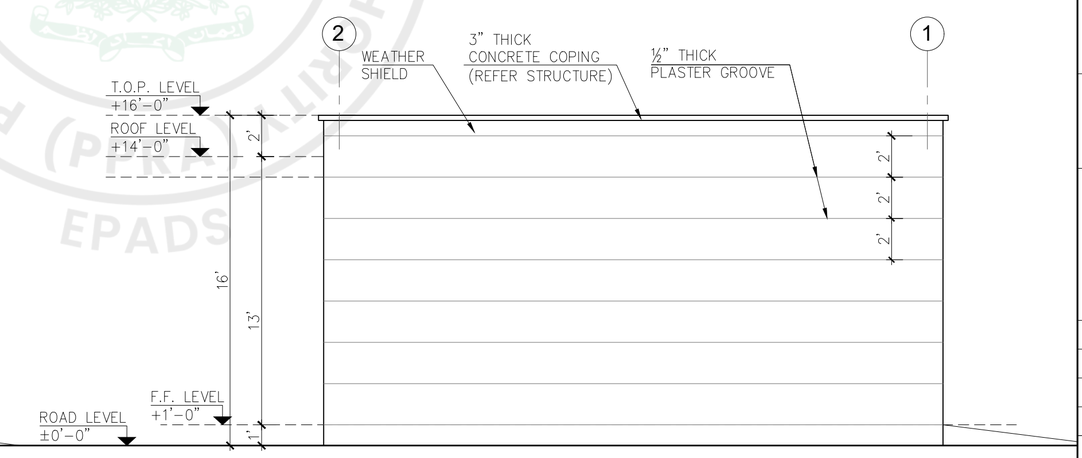
02 ELEVATION

Scale: 3/16"=1'-0"



03 ELEVATION

Scale: 3/16"=1'-0"



04 ELEVATION

Scale: 3/16"=1'-0"

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CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

(ANCILLARY BUILDINGS)

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

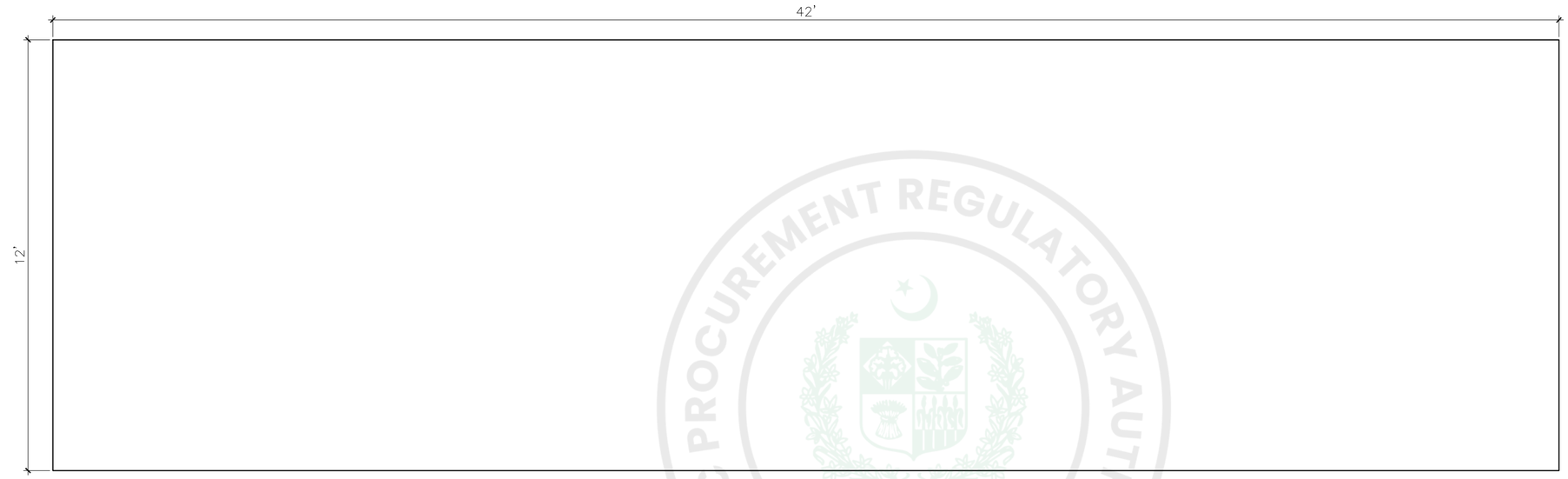
TRANSFORMER ROOM DETAIL - II

REV.	DATE	DESCRIPTION
		AS SHOWHN

DATE: OCTOBER,2026	SCALE:
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:

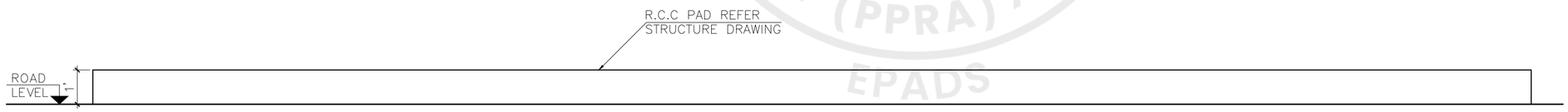
DRAWING NO.	REV.
CNCCI-AB-04- A106	00

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01 **GEN SETS PAD**
Scale: 3/8"=1'-0"

01
-



01 **ELEVATION**
Scale: 3/8"=1'-0"

NOTE:

1. BEFORE COMMENCEMENT OF OXYGEN TANK, PLEASE CONTACT HEALTHCARE DISCIPLINE OF IDAP.
2. BEFOR COMMENCEMENT OF GENERATOR PAD, PLEASE CONTACT ELECTRICAL DISCIPLINE OF IDAP.

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CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

(ANCILLARY BUILDINGS)

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

GEN SETS PAD DETAIL

REV.	DATE	DESCRIPTION

DATE: OCTOBER,2026	SCALE: AS SHOWHN
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:

DRAWING NO.	REV.
CNCCI-AB-04- A107	00

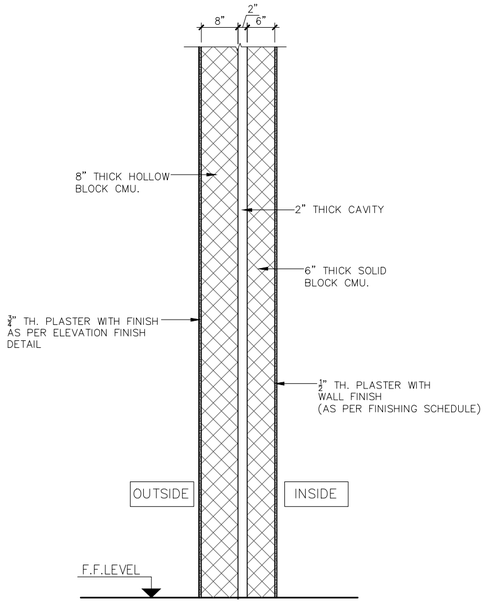
PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

(TYPICAL DETAILS)

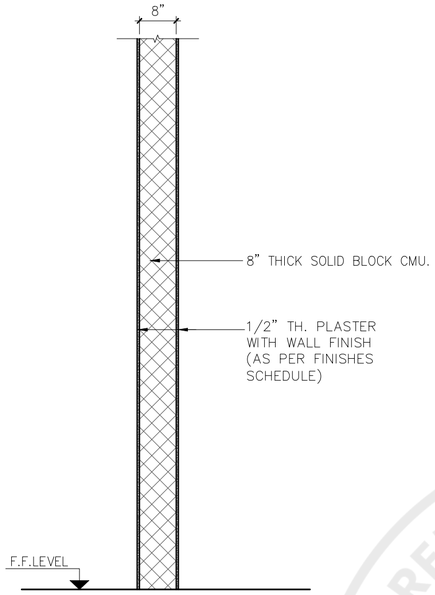
TENDER DRAWINGS

ARCHITECTURE

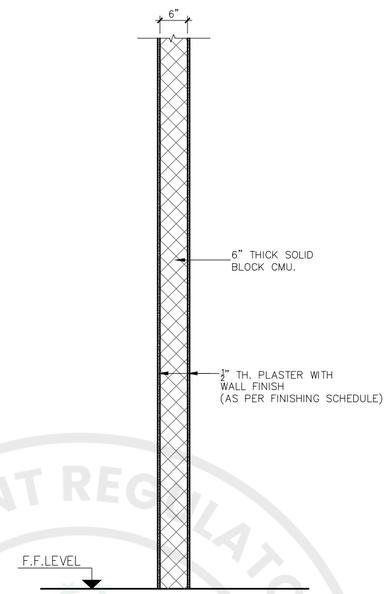
OCTOBER, 2026



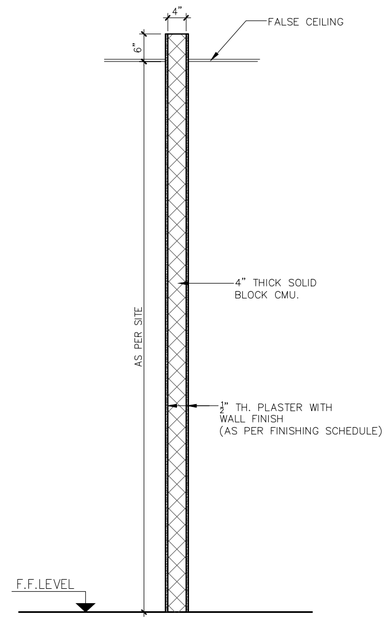
01 WALL TYPE - A



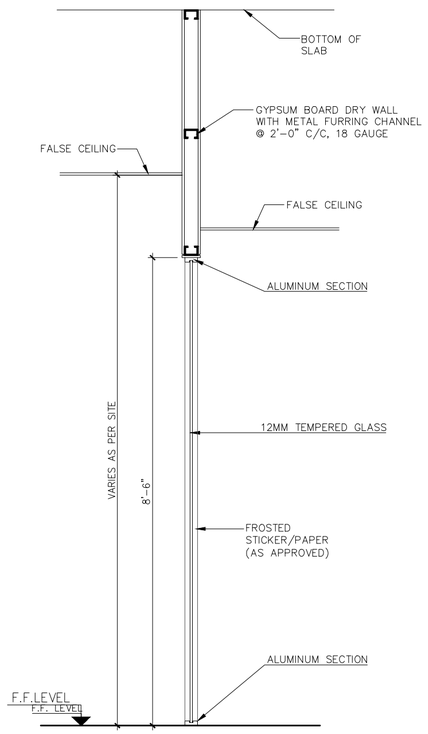
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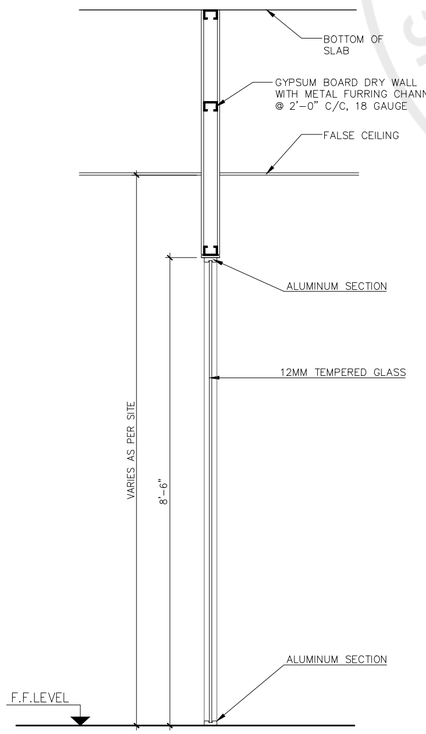
03 WALL TYPE - C



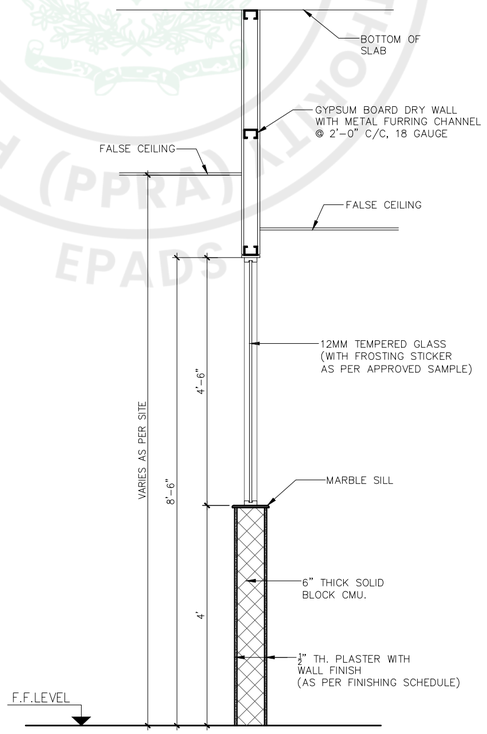
04 WALL TYPE - D



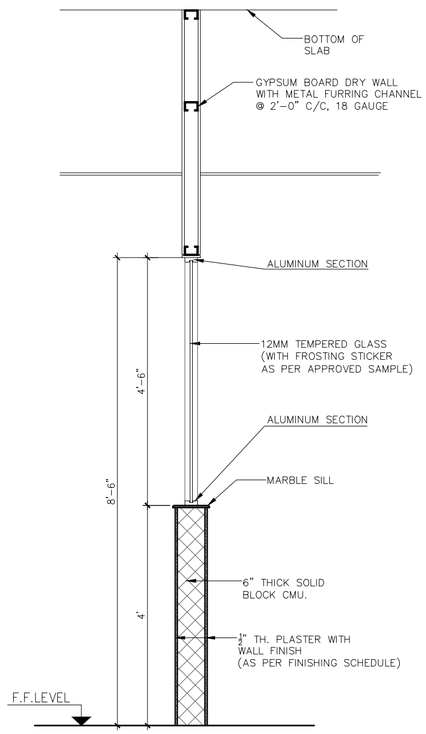
05 WALL TYPE - E



06 WALL TYPE - F



07 WALL TYPE - G



08 WALL TYPE - H

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CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

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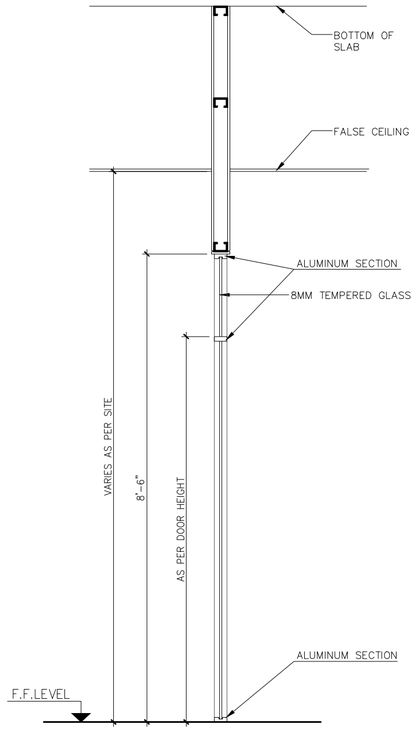
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WALL TYPES -1

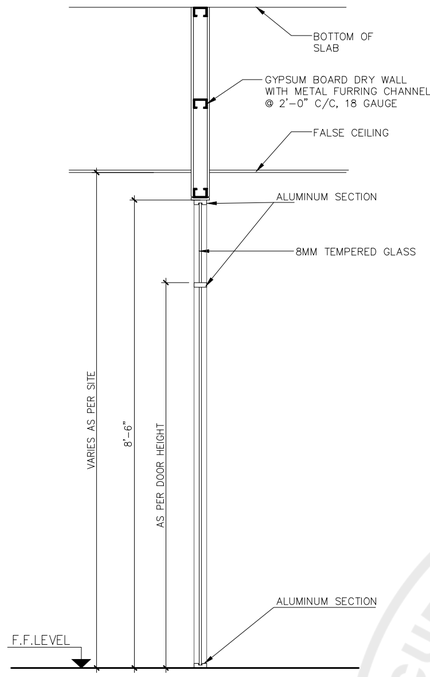
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DRAWING NO. CNCCI-TD-04- A701	REVISION: 00

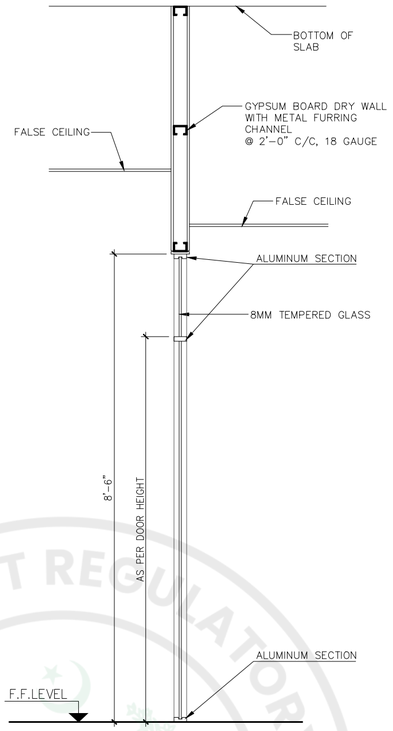
PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



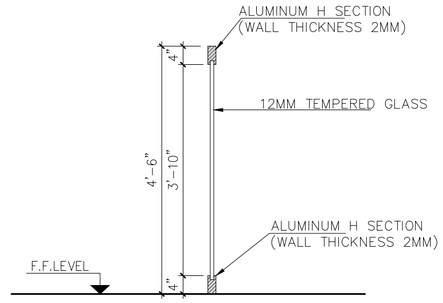
09 WALL TYPE - J



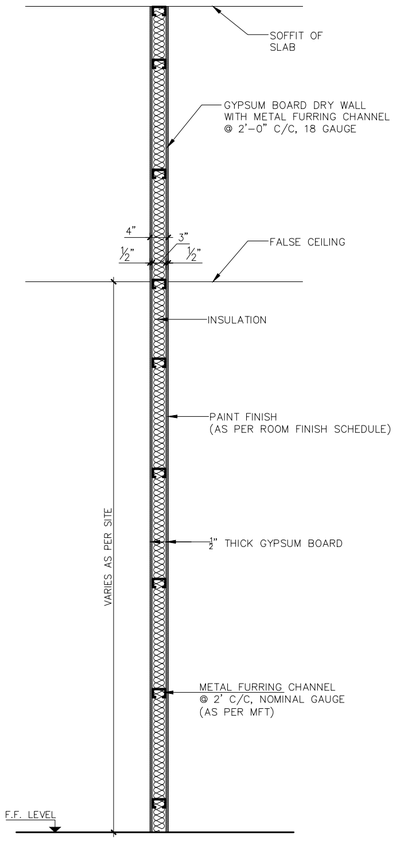
10 WALL TYPE - K



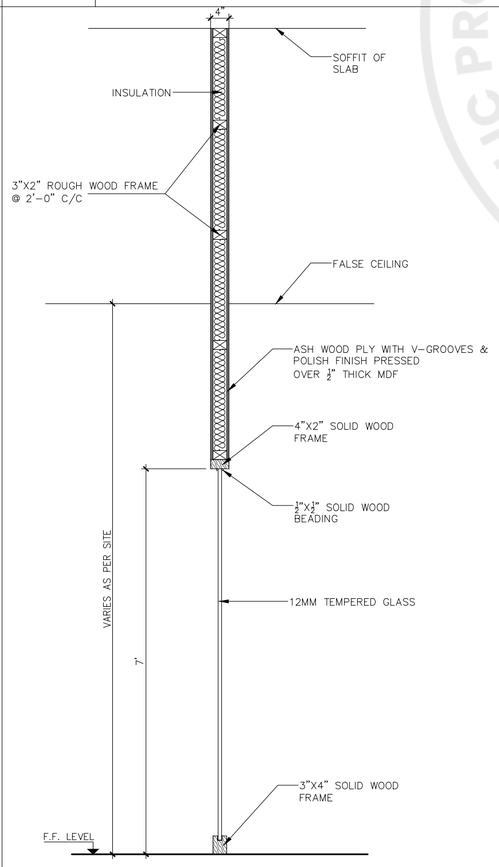
11 WALL TYPE - L



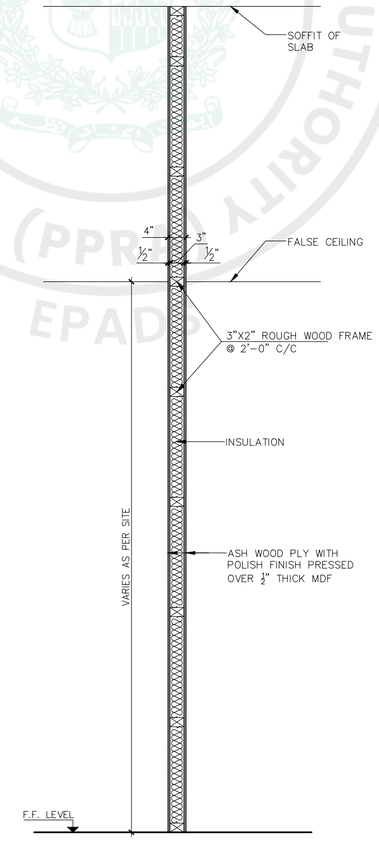
12 WALL TYPE - M



13 WALL TYPE - N



14 WALL TYPE - P



15 WALL TYPE - Q

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(TYPICAL DETAILS)

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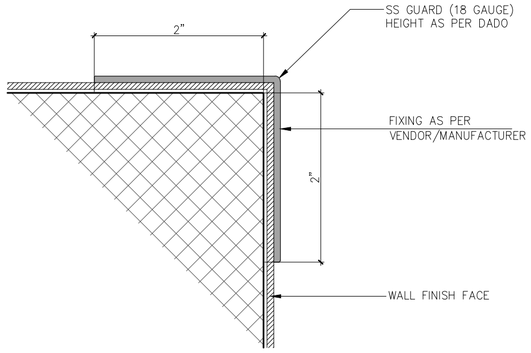
WALL TYPES - 2

REV.	DATE	DESCRIPTION

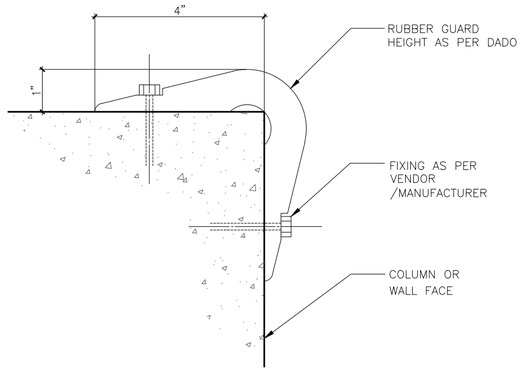
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CHECKED BY:	APPROVED BY:

DRAWING NO.	REVISION:
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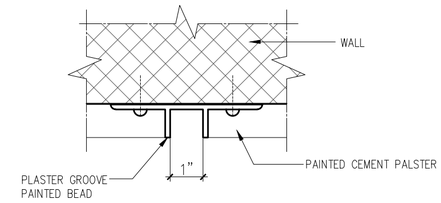
PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



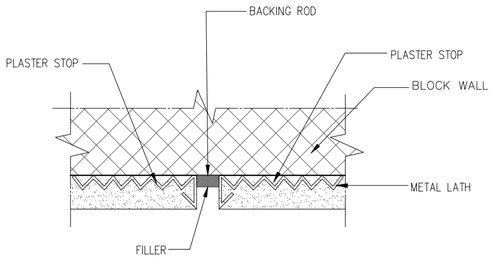
1 CORNER AND COLUMN GUARD DETAIL (SS)



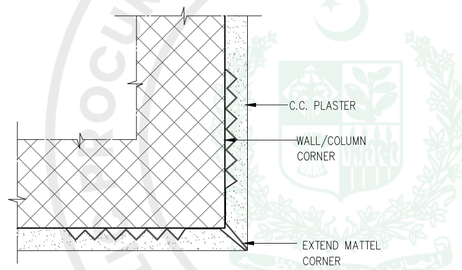
2 CORNER AND COLUMN GUARD DETAIL (RUBBER) FOR BASEMENT ONLY



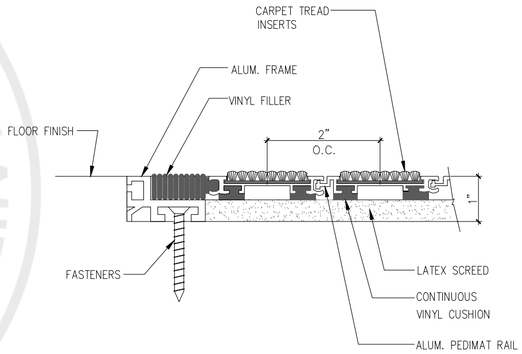
3 PLASTER GROOVE DETAIL (WHERE OCCURS)



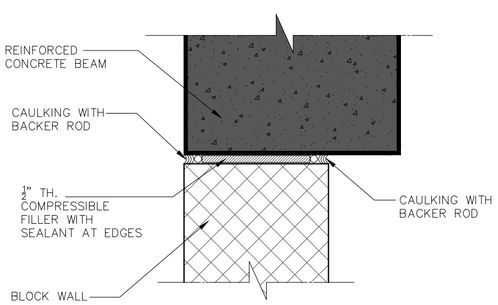
4 CRACK CONTROL JOINT IN PLASTER



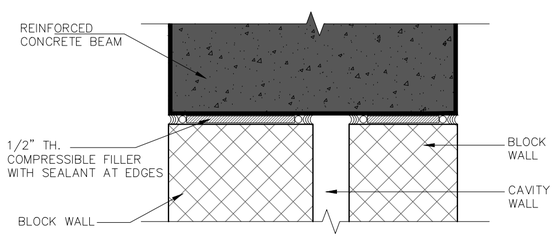
5 CRACK CONTROL JOINT IN PLASTER OUTWARD CORNER



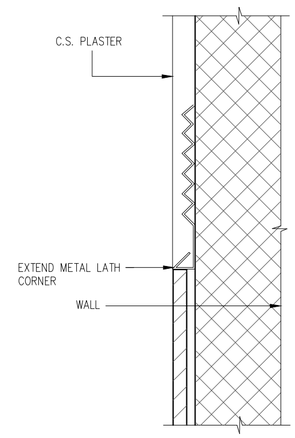
6 FLOOR MAT DETAIL



7 BEAM-BLOCK WALL CONNECTION



8 BEAM-BLOCK WALL CONNECTION WITH CAVITY



9 PLASTER EDGE CONDITION DETAIL

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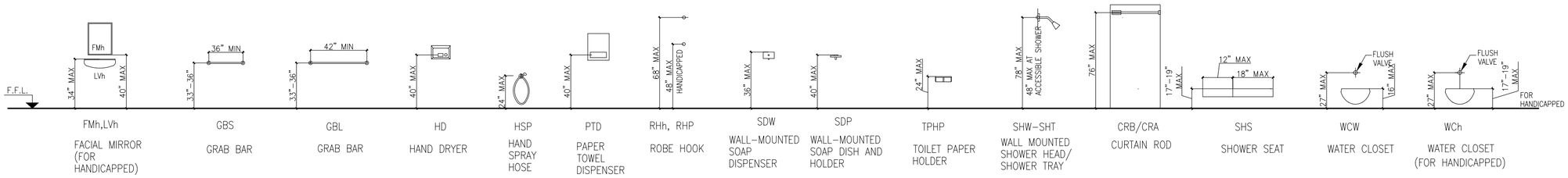
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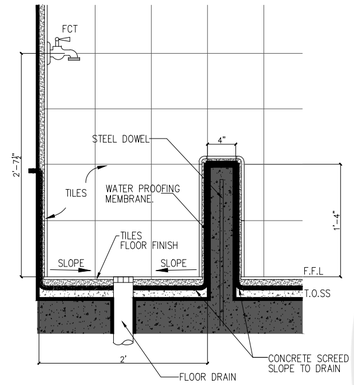
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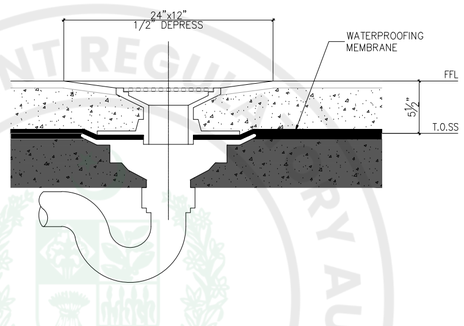
1 TOILET FIXTURES & ACCESSORIES MOUNTING HEIGHTS DETAIL

ITEM	DESCRIPTION	REMARKS
FMS,LVW	FACIAL MIRROR & LAVATORY	
FMh,LVh	FACIAL MIRROR (FOR HANDICAPPED)	
GBS	GRAB BAR	
GBL	GRAB BAR	
HD	HAND DRYER	
HSP	HAND SPRAY HOUSE	
PTD	PAPER TOWEL DISPENSER	
RHh,RHP	ROBE HOOK	
SDW	WALL–MOUNTED SOAP DISPENSER	
SDP	WALL–MOUNTED SOAP DISH AND HOLDER	
TPHP	TOILET PAPER HOLDER	
SHW–SHT	WALL MOUNTED SHOWER HEAD/ SHOWER TRAY	
CRB/CRA	CURTAIN ROD	
SHS	SHOWER SEAT	
WCW	WATER CLOSET	
WCh	WATER CLOSET (FOR HANDICAPPED)	

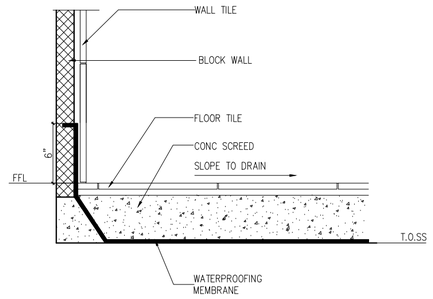
2 TOILET FIXTURES & ACCESSORIES SCHEDULE



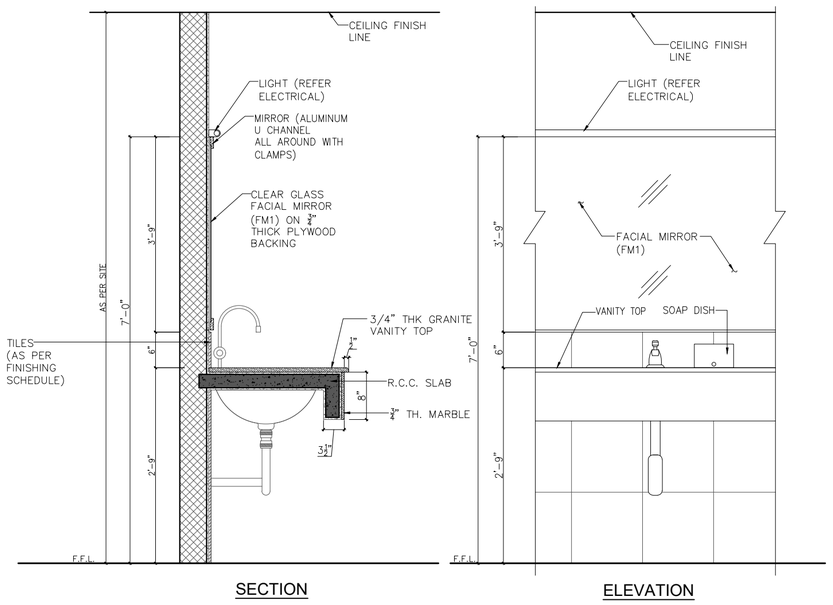
3 BUILT-IN JANITOR SINK DETAIL



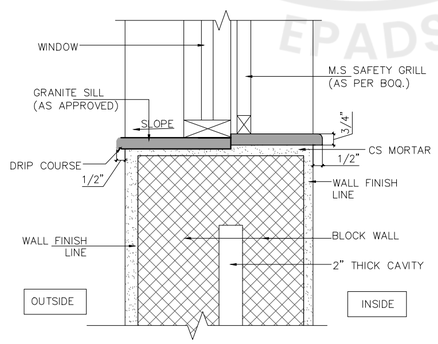
4 FLOOR DRAIN DETAIL



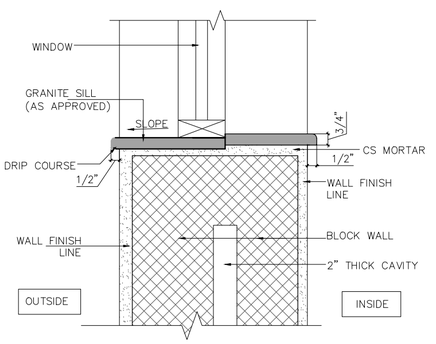
5 TOILET FLOOR TO WALL DETAIL



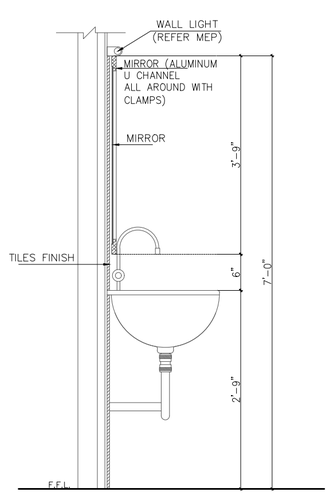
6 VANITY TOP DETAIL



7 TYPICAL WINDOW SILL DETAIL WITH SAFETY GRILL



8 TYPICAL WINDOW SILL DETAIL



9 TYPICAL HANDICAP VANITY DETAIL

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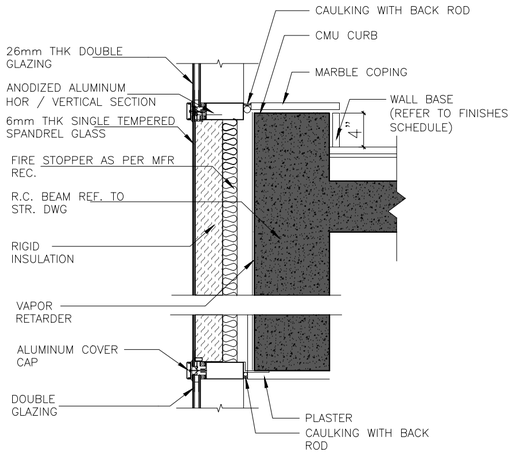
TYPICAL DETAILS - 2

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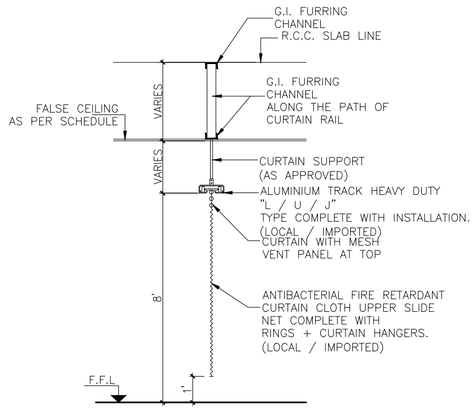
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DRAWING NO.	REVISION:
CNCCI-TD-04- A703	00

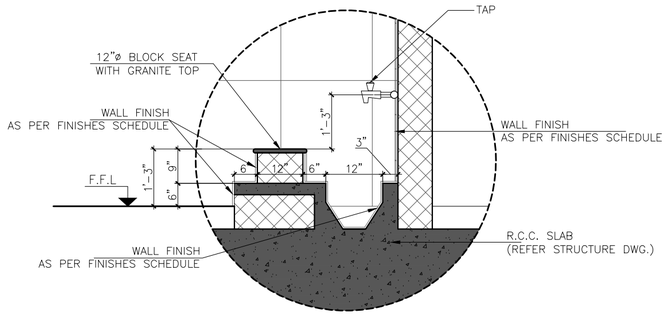
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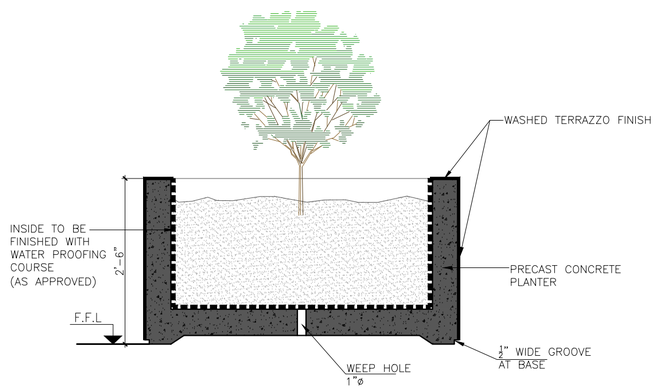
1 SPANDREL GLAZING DETAIL



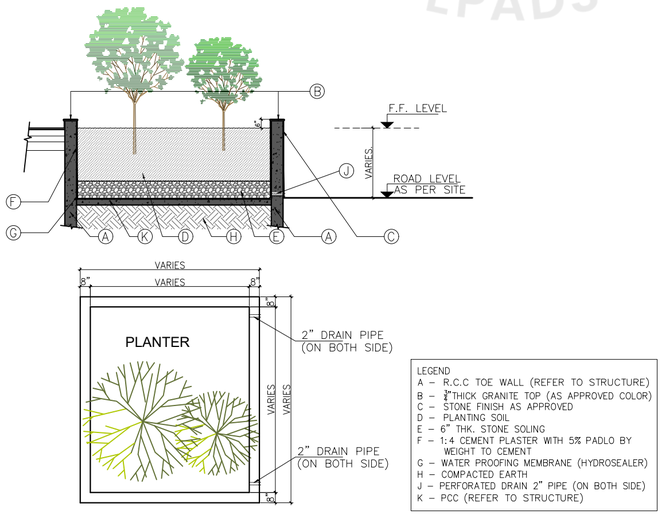
2 CURTAIN TRACK DETAIL



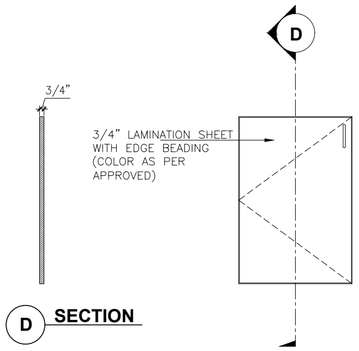
3 ABLUTION DETAIL



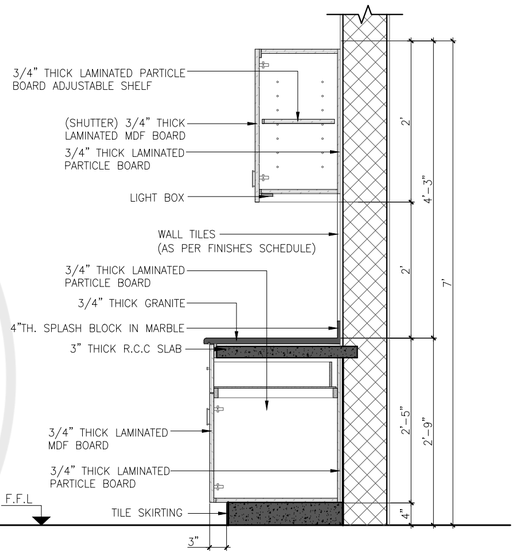
5 PLANTER DETAIL-01 (WHERE OCCUR)



7 PLANTER DETAIL-02 (WHERE OCCUR)



D **SECTION**



6 TYPICAL KITCHEN CABINET DETAIL

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PROJECT:

CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

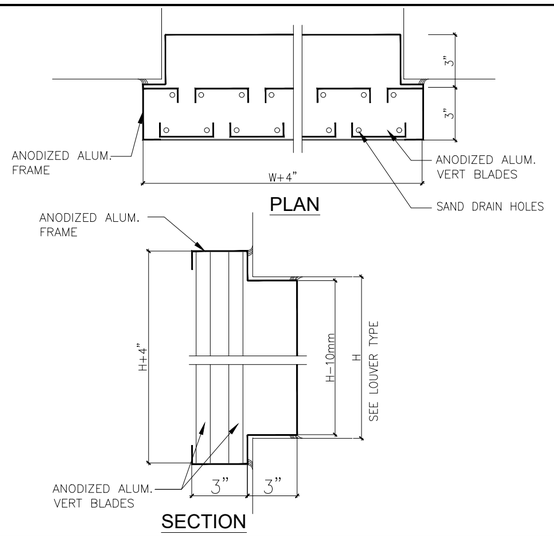
TYPICAL DETAILS - 3

REV.	DATE	DESCRIPTION

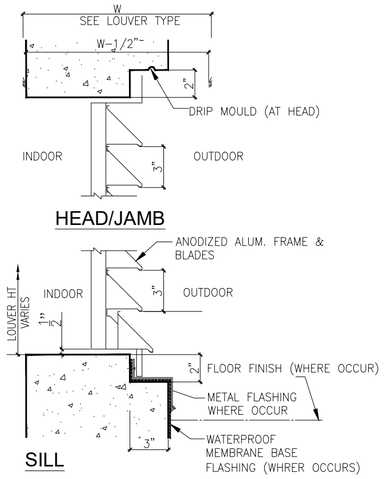
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CHECKED BY:	APPROVED BY:

DRAWING NO.	REVISION:
CNCCI-TD-04- A704	00

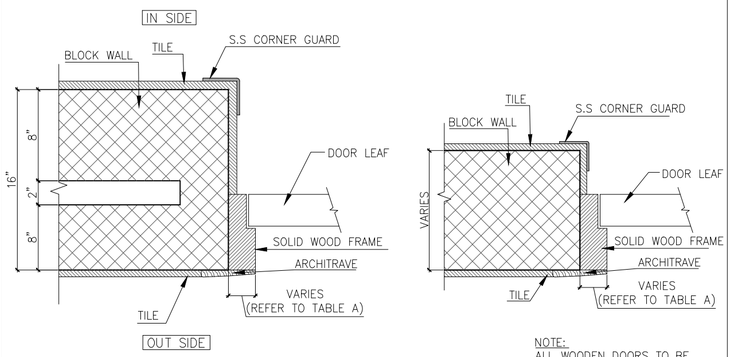
PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



1 SAND TRAP LOUVER DETAIL (WHERE OCCURS)



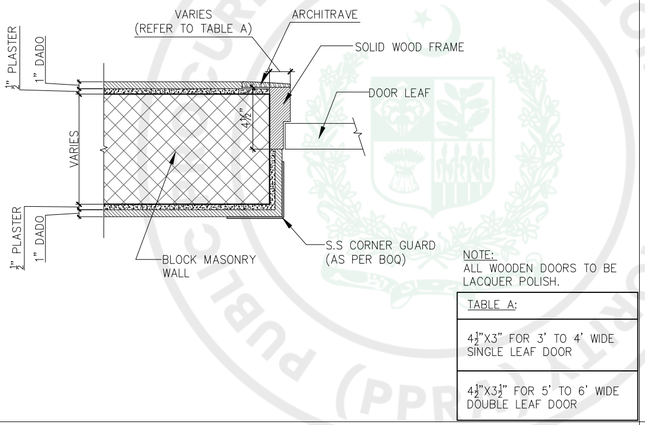
2 LOUVERED SCREEN DETAIL



NOTE:
ALL WOODEN DOORS TO BE LACQUER POLISH.

TABLE A:
4½"X3" FOR 3' TO 4' WIDE SINGLE LEAF DOOR
4½"X3½" FOR 5' TO 6' WIDE DOUBLE LEAF DOOR

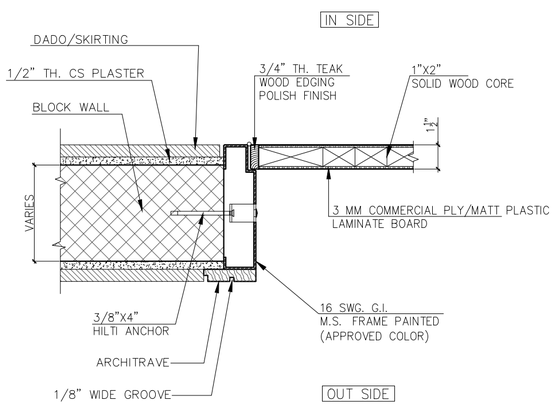
4 TYPICAL WOODEN DOOR FRAME



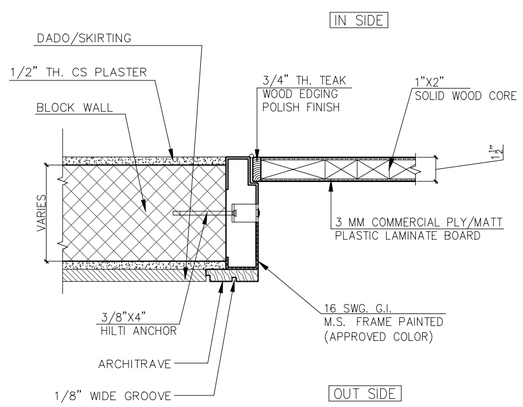
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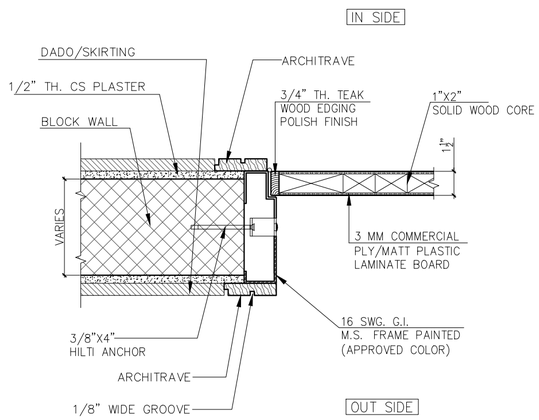
5 WOODEN DOOR FRAME (INTERNAL WALLS)



CASE 1



CASE 2



CASE 3

7 DIFFERENT CASE OF WOODEN DOORS WITH MS FRAME & ARCHITRAVE

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(TYPICAL DETAILS)

PROJECT STATUS:

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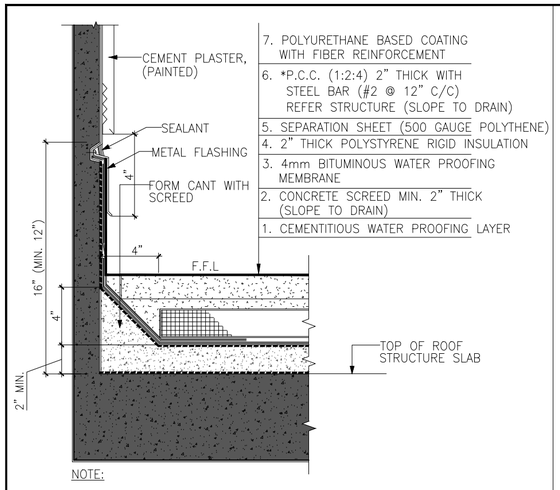
DRAWING TITLE:

TYPICAL DETAILS - 4

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/8"=1'-0"
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CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-TD-04- A705	REVISION: 00

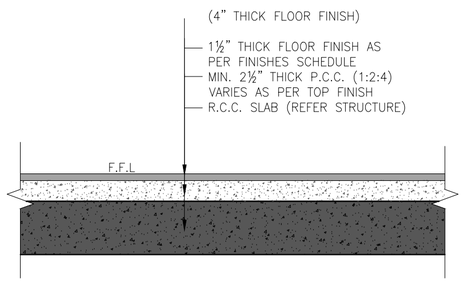
PUBLIC PROCUREMENT REGULATORY AUTHORITY EPADS



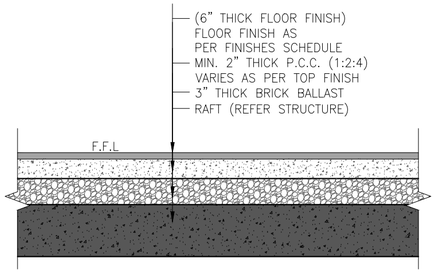
NOTE:

*P.C.C. TO BE TOWED IN PANELS NOT EXCEEDING 15'X15' AVERAGE. (TROWEL FINISH) (JOINTS TO BE FILLED BY PU BASED GROUT FOR WATER PROOFING)

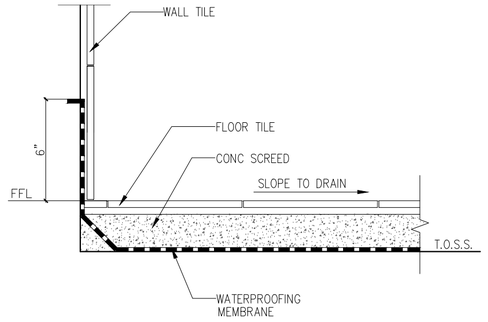
1 ROOF FINISH DETAIL



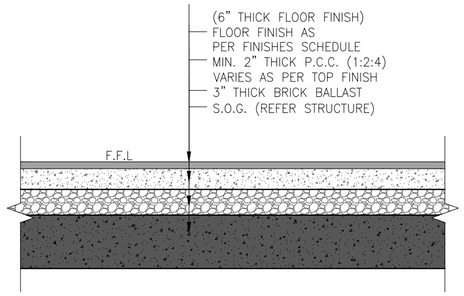
2 INTERMEDIATE FLOOR FINISH DETAIL (TYP.)



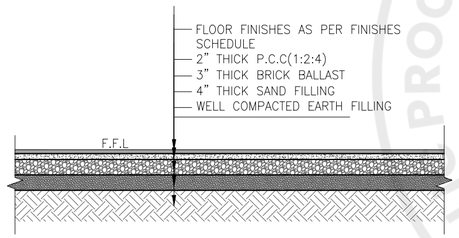
3 BASEMENT FLOOR FINISH DETAIL (TYP.)



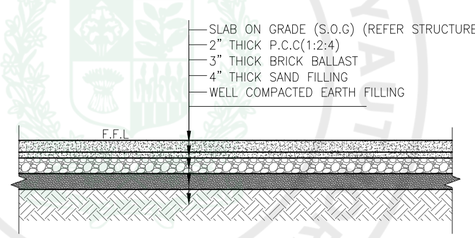
4 TOILET FLOOR FINISH DETAIL (TYP.)



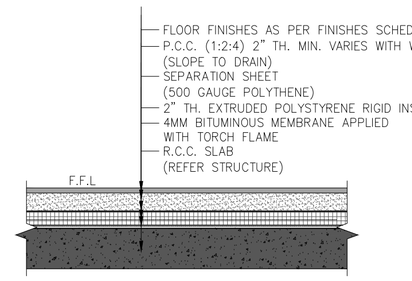
5 GROUND FLOOR FINISH DETAIL (SOG)



6 GROUND FLOOR FINISH DETAIL

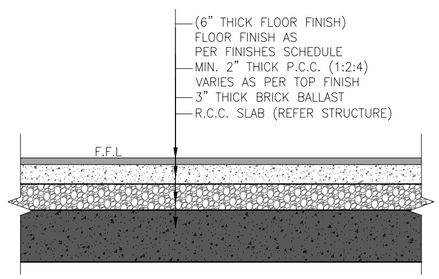


7 GROUND FLOOR FINISH DETAIL (SOG) FOR SUBSTATION & WAPDA METERING ROOM

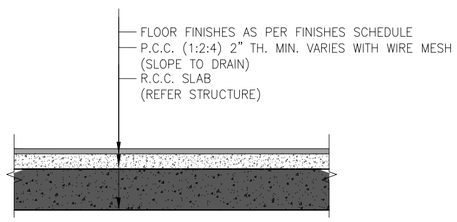


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SCREED TO BE TOWED IN PANELS NOT EXCEEDING 15'X15'

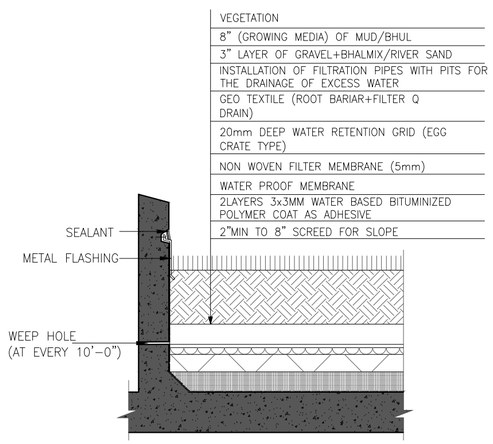
8 MINI ROOF/ TERRACE FLOOR FINISH DETAIL (TYP.)



9 INTERMEDIATE FLOOR FINISH DETAIL (TYP.)



10 BALCONY FLOOR FINISH DETAIL (TYP.)



11 ROOF GARDEN FINISH DETAIL

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CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

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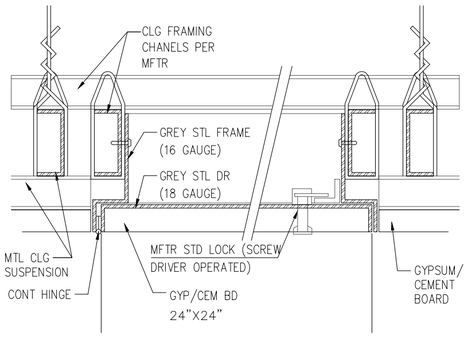
DRAWING TITLE:

TYPICAL DETAILS - 5

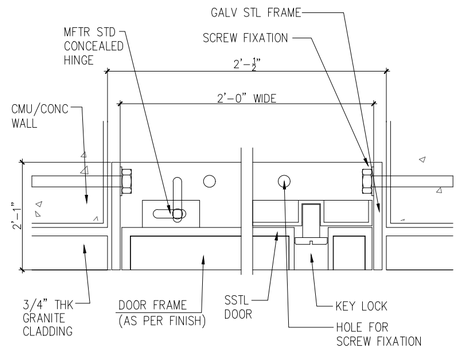
REV.	DATE	DESCRIPTION

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CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-TD-04- A706	REVISION: 00

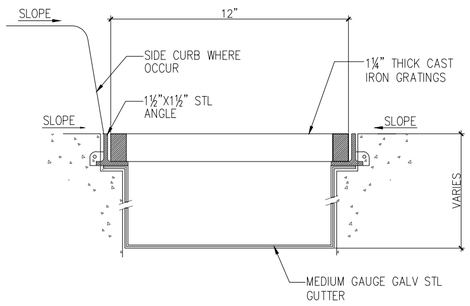
PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA)



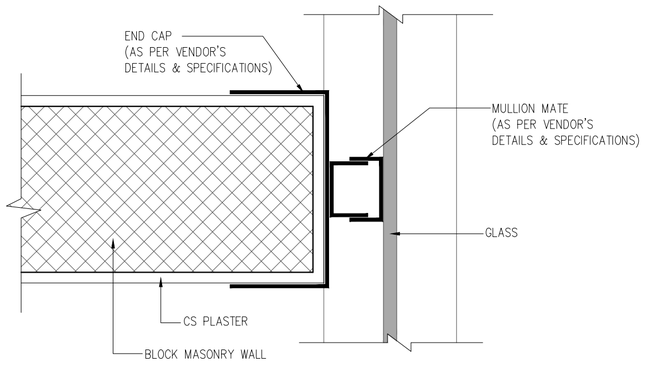
1 CEILING ACCESS DOOR DETAIL



2 SHAFT ACCESS DOOR DETAIL



3 CAST IRON GRATING DETAIL (WHERE OCCURS)



MASONRY WALL TO WINDOW GLASS GAP CLOSURE DETAIL

4 MASONRY WALL TO WINDOW GLASS GAP CLOSURE DETAIL

5 ACOUSTIC TILES CEILING TO WALL DETAIL -I

6 GYPSUM OR CEMENT BOARD CEILING TO WALL DETAIL

7 EPOXY COATING FLOOR TO WALL DETAIL (WHERE OCCURS)

DRY WALL PARTITION TO WINDOW GLASS GAP CLOSURE DETAIL

8 DRY WALL PARTITION TO WINDOW GLASS GAP CLOSURE DETAIL

9 PORCELAIN TO PORCELAIN FLOOR TO WALL DETAIL

10 CARPET/VINYL TO VINYL FLOOR TO WALL DETAIL

11 CEMENT PLASTER CEILING TO WALL DETAIL

12 ACOUSTIC TILES CEILING TO WALL DETAIL -II

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(TYPICAL DETAILS)

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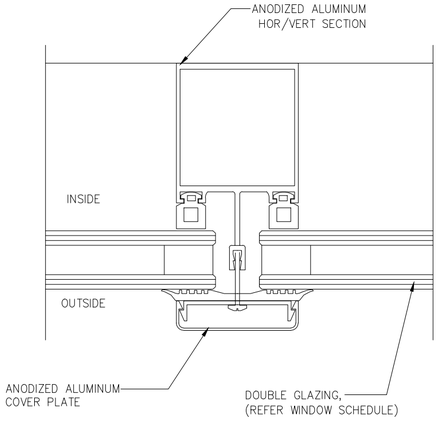
DRAWING TITLE:

TYPICAL DETAILS - 6

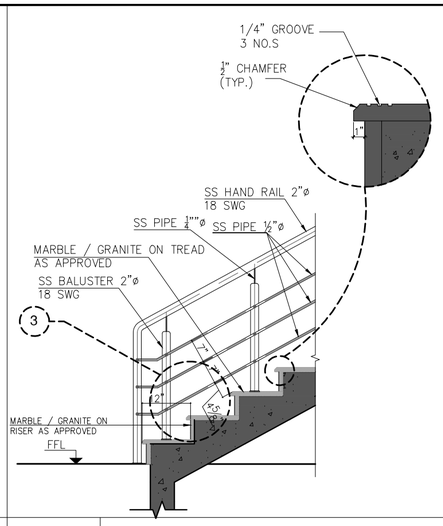
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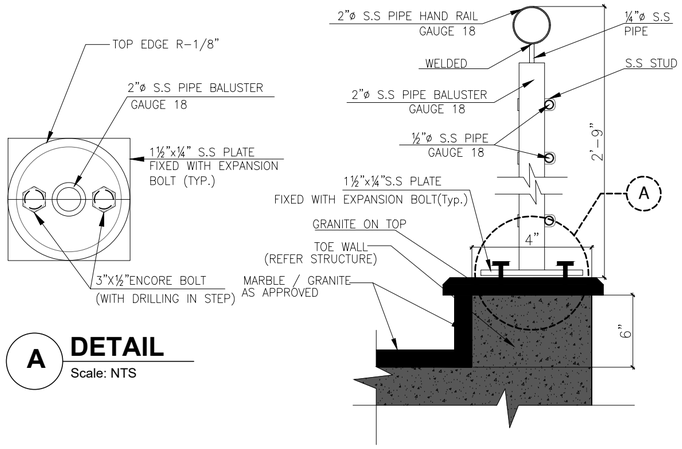
PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



1 TYPICAL HOR/VERT MULLEIN DETAIL

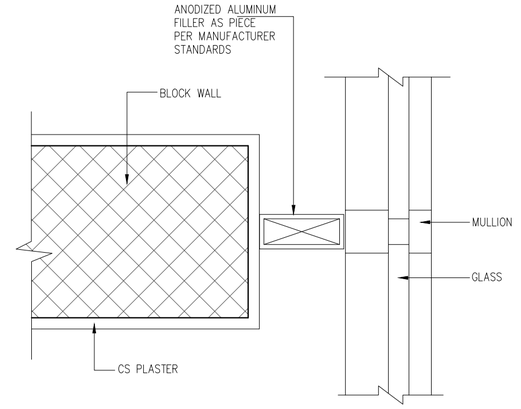


2 S.S STAIR RAILING DETAIL

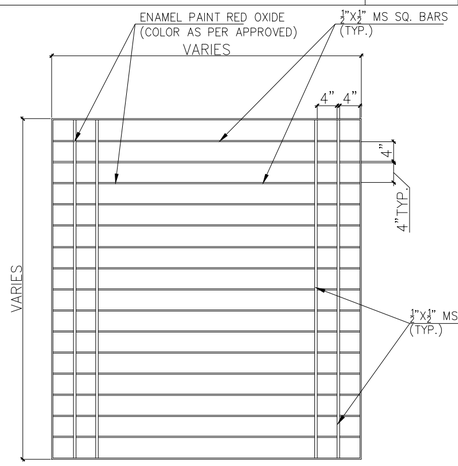


A **DETAIL**
Scale: NTS

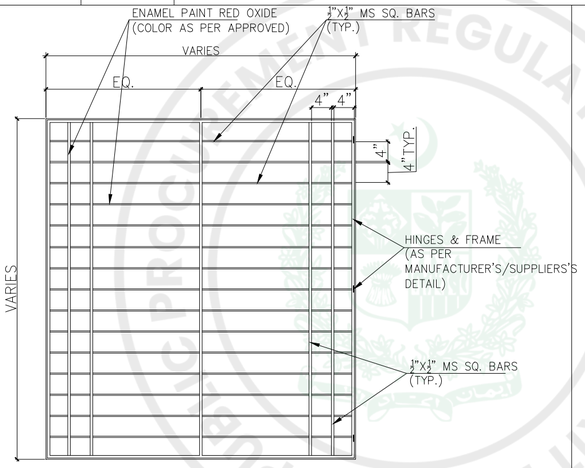
3 S.S BALUSTER FIXING DETAIL



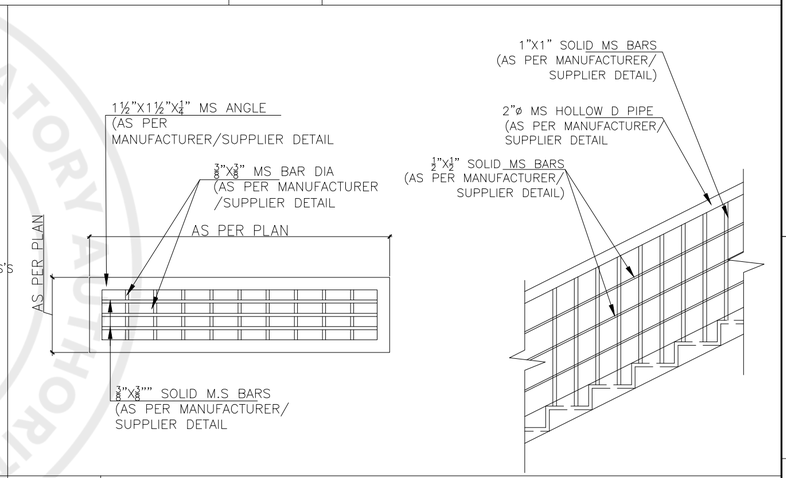
4 JOINT BLOCK WALL TO MULLION DETAIL



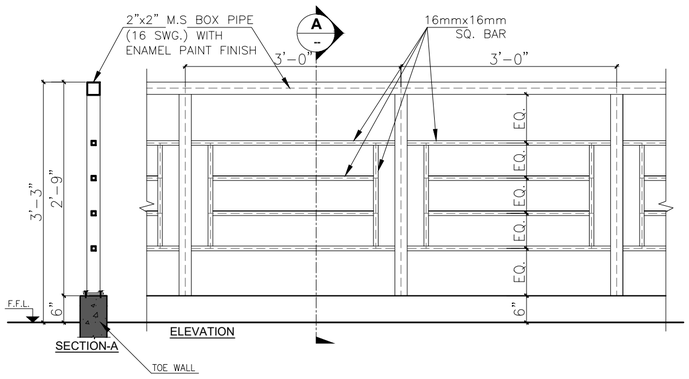
5 TYPICAL SECURITY GRILL DETAIL (FIX TYPE)



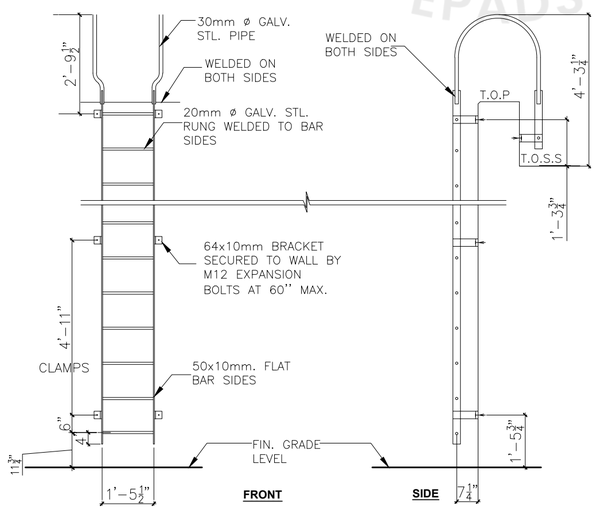
6 TYPICAL SECURITY GRILL DETAIL (OPENABLE)



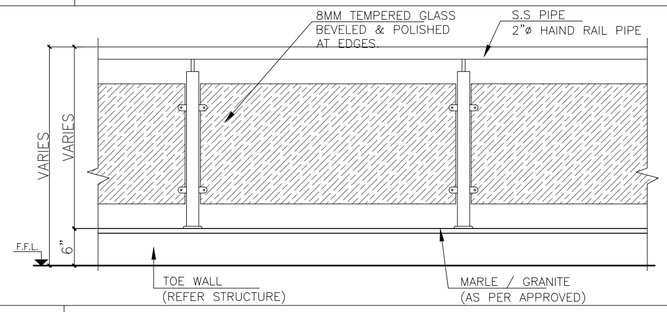
7 M.S STAIR STEP & RAILING DETAIL (FIRE EXIT)



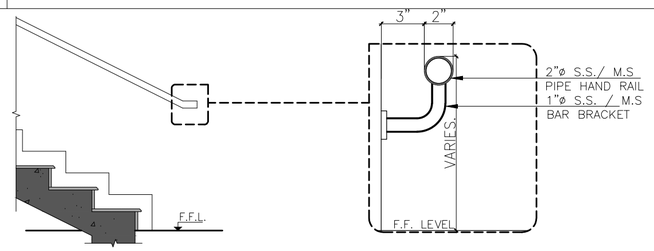
8 M.S RAILING DETAIL



9 STEEL LADDER DETAIL



10 GLASS RAILING DETAIL



11 S.S / M.S HAND RAIL DETAIL

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TENDER DRAWINGS

DRAWING TITLE:

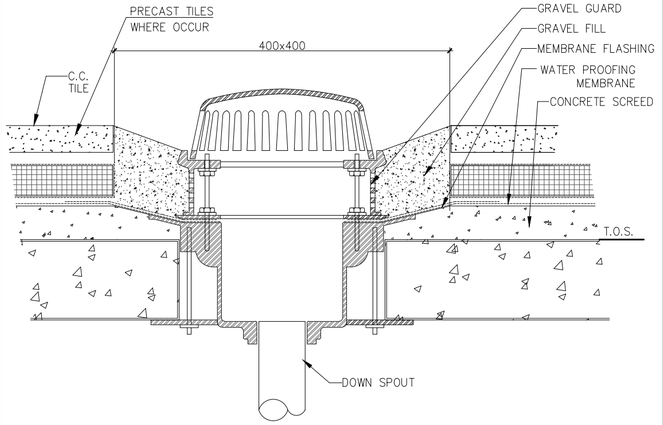
TYPICAL DETAILS - 7

REV.	DATE	DESCRIPTION

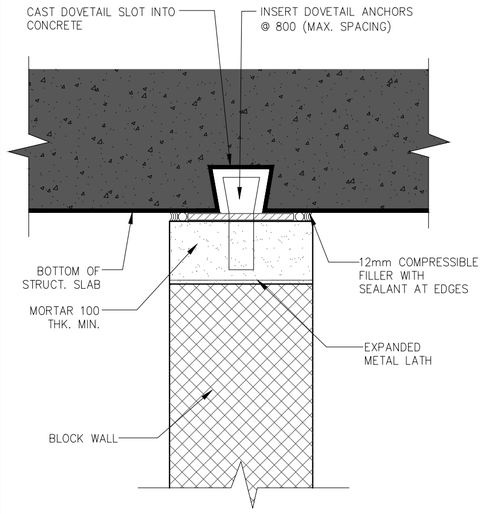
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DRAWING NO. CNCCI-TD-04- A708	REVISION: 00

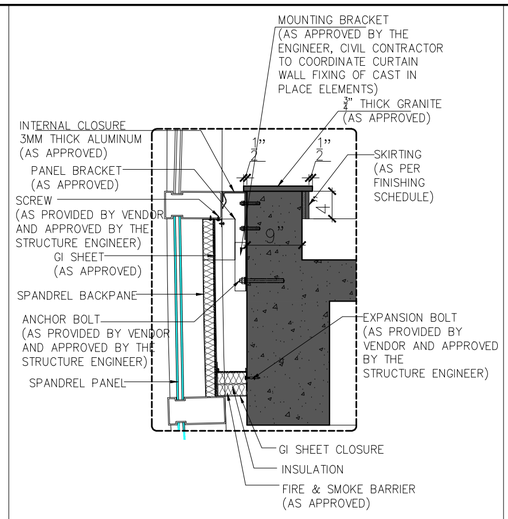
EPADS



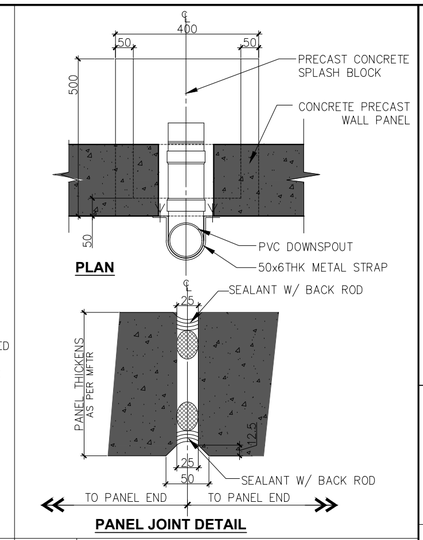
1 ROOF DRAIN DETAIL



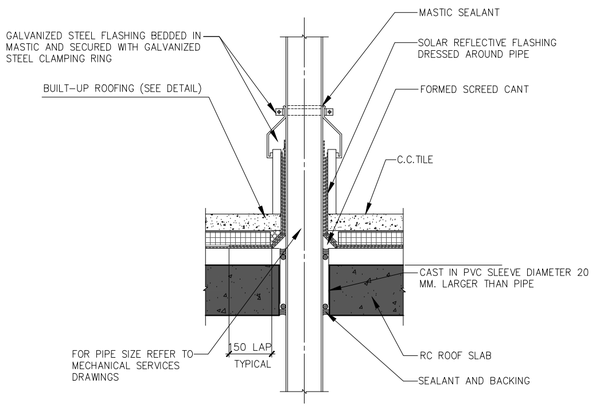
2 FIRE WALL/R.C. SLAB CONNECTION DETAIL



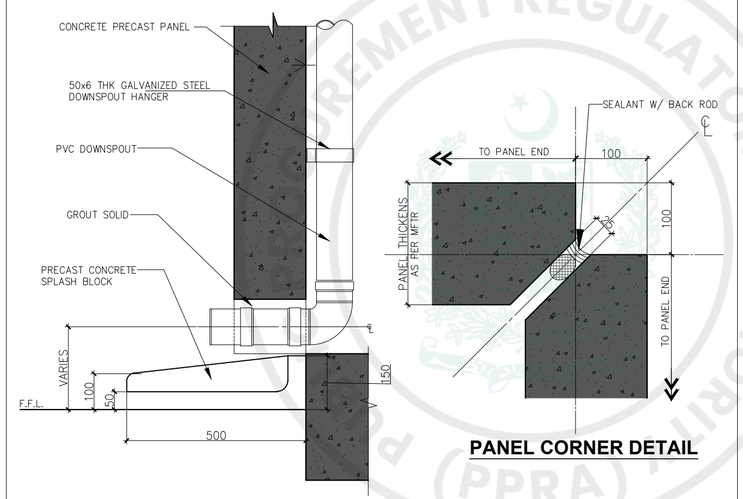
2a FIRE BARRIER DETAIL



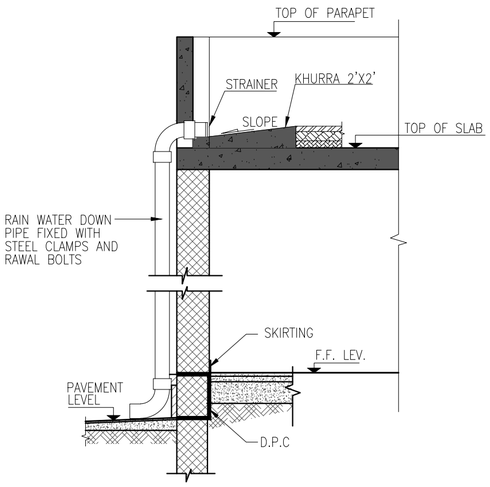
3 PRECAST JOINT DETAIL



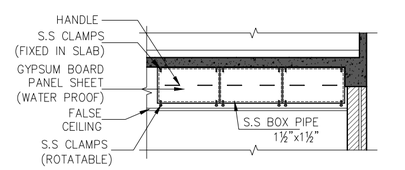
4 PIPE THROUGH ROOF SLAB DETAIL



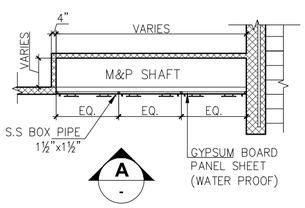
5 SPLASH BLOCK DETAIL



6 TYPICAL DETAIL RAIN WATER DOWN PIPE

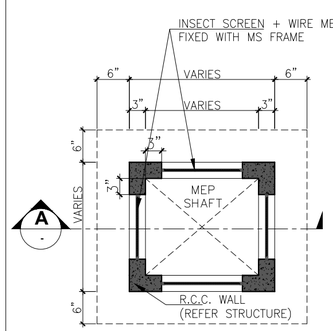


A ELEVATION

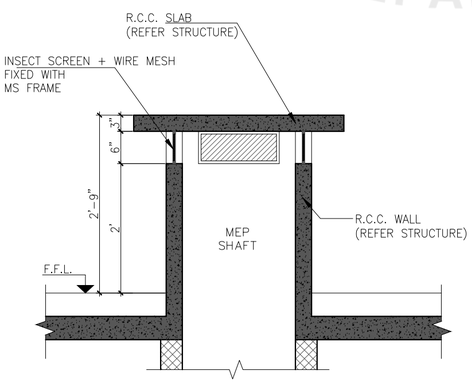


01 PLAN AT CEILING HEIGHT

7 MEP SHAFT DETAIL

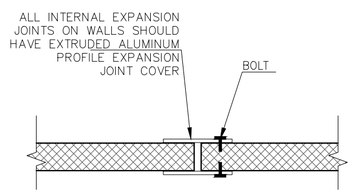


01 PLAN AT ROOF LEVEL

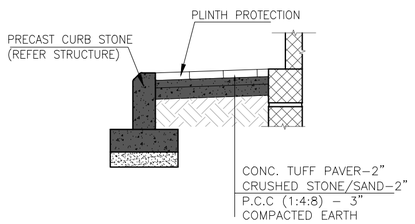


A SECTION

8 TYPICAL SHAFT DETAIL AT ROOF LEVEL



9 INTERNAL WALL EXPANSION JOINT COVER DETAIL



10 TYP. PLINTH PROTECTION DETAIL

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CLIENT:

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PROJECT:

CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

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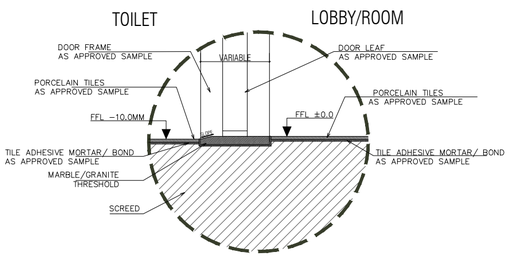
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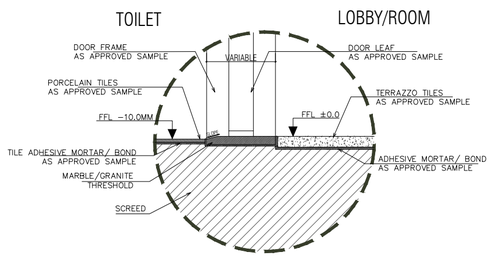
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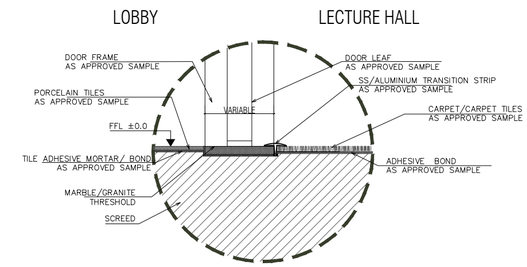
PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



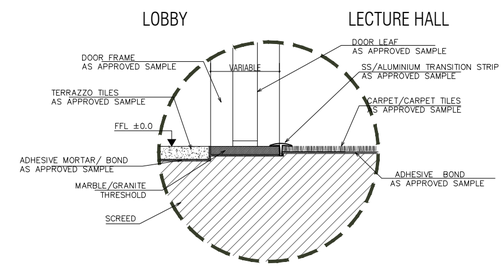
1 PORCELAIN TO PORCELAIN (BATH)



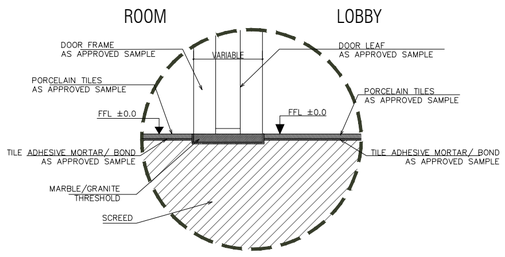
2 PORCELAIN TO TERRAZZO (BATH)



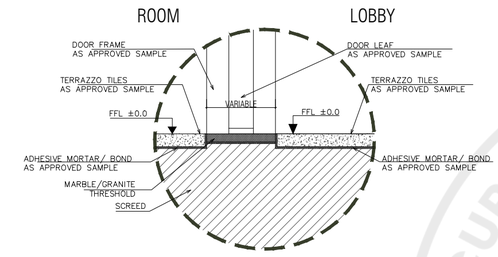
3 PORCELAIN TO CARPET



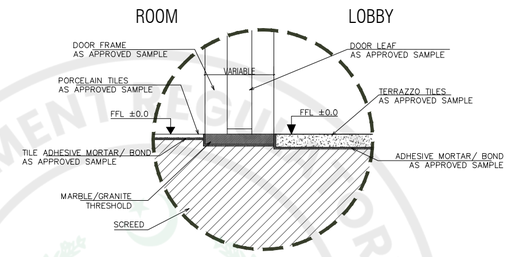
4 TERRAZZO TO CARPET



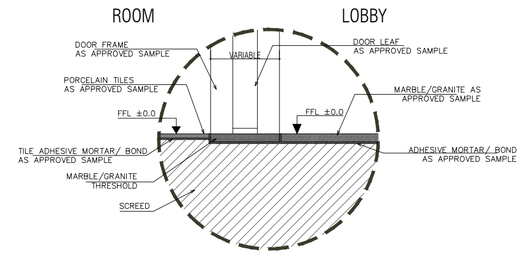
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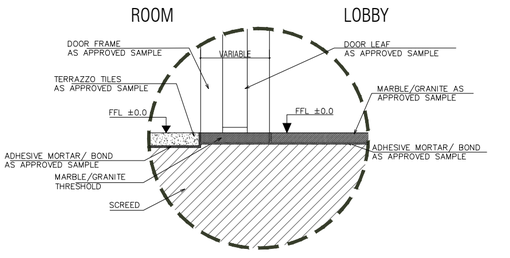
6 TERRAZZO TO TERRAZZO



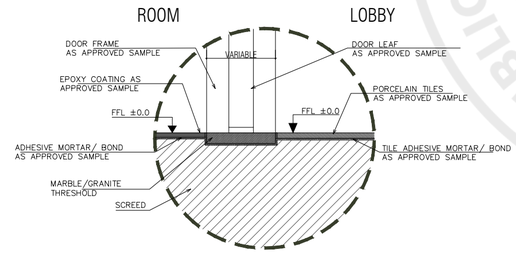
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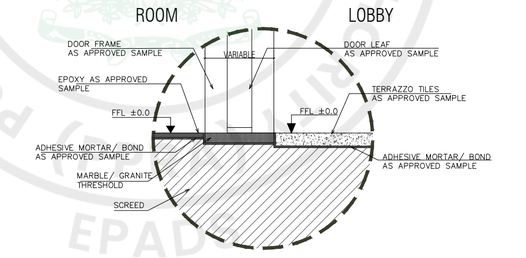
8 PORCELAIN TO MARBLE/GRANITE



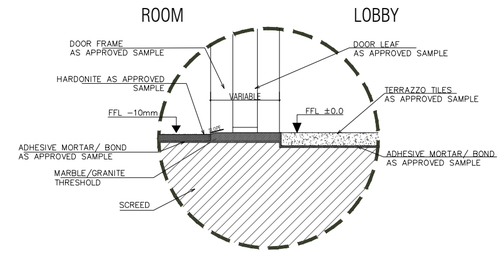
9 TERRAZZO TO MARBLE/GRANITE



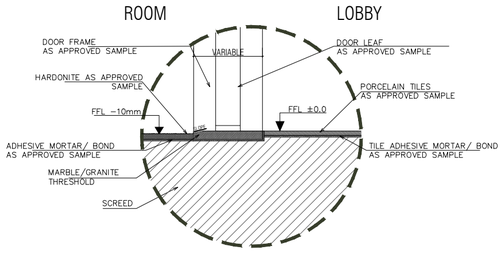
10 EPOXY COATING TO PORCELAIN



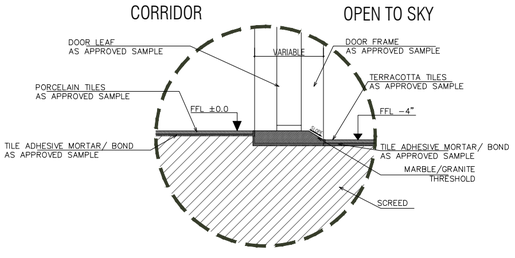
11 EPOXY COATING TO TERRAZZO



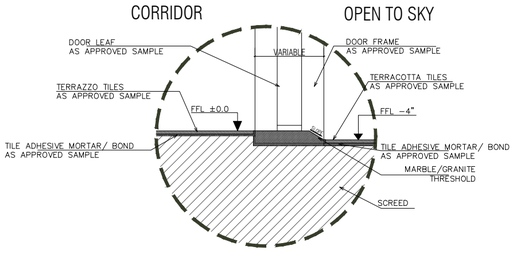
12 HARDONITE TO TERRAZZO



13 HARDONITE TO PORCELAIN



14 HARDONITE TO TERRACOTTA (OPEN TO SKY)



15 TERRAZZO TO TERRACOTTA (OPEN TO SKY)

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CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

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TENDER DRAWINGS

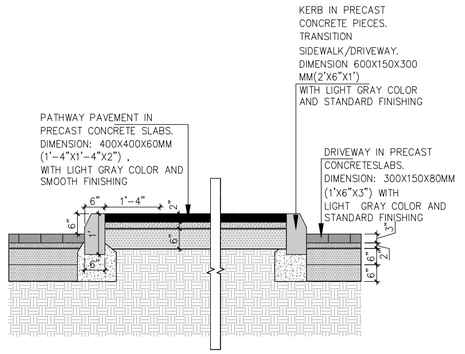
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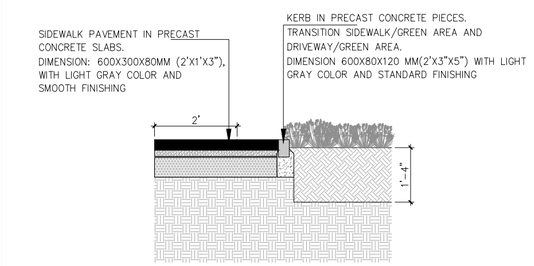
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DRAWING NO. CNCCI-TD-04- A710	REVISION: 00

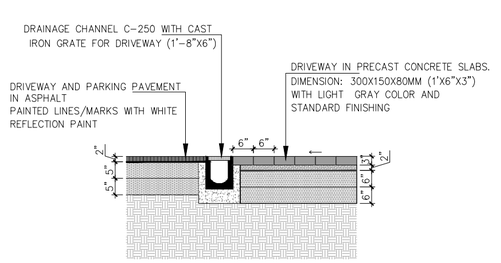
PROCUREMENT REGULATORY AUTHORITY PUBLIC EPADS



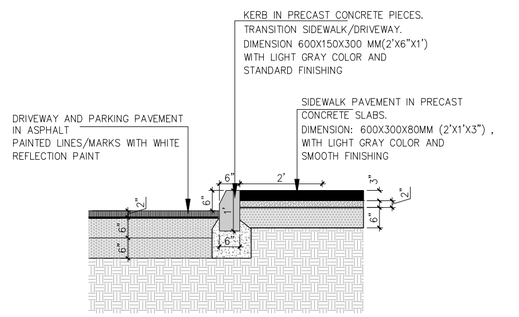
1 TRANSITION DRIVEWAY/ SEPARATOR



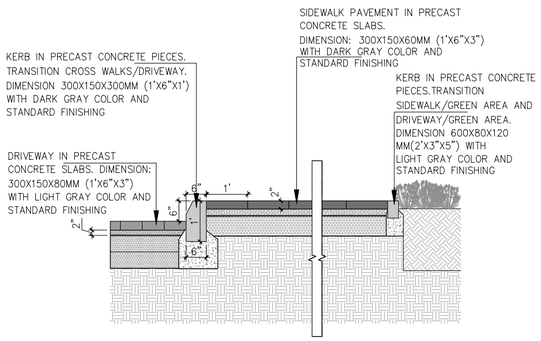
2 TRANSITION SIDE WALK / GREEN AREA



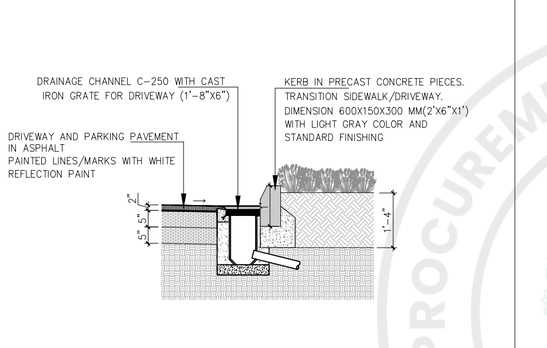
3 TRANSITION EXTERNAL ROAD / ENTRANCE (WITH DRAINAGE CHANNEL)



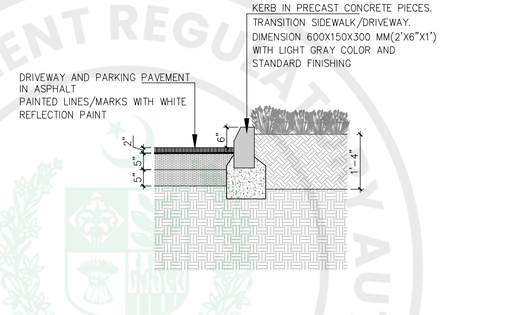
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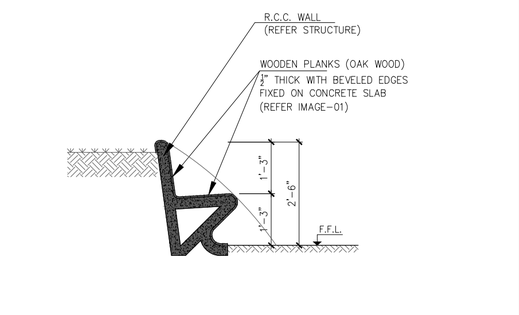
5 TRANSITION DRIVEWAY / SIDEWALK / GREEN AREA



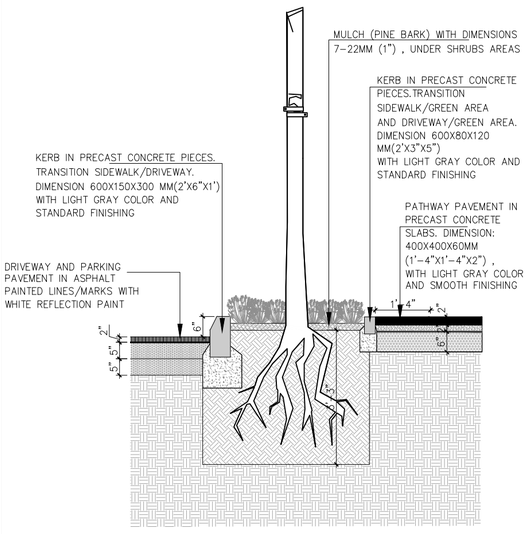
6 TRANSITION ROAD / GREEN AREA (WITH STORM DRAIN)



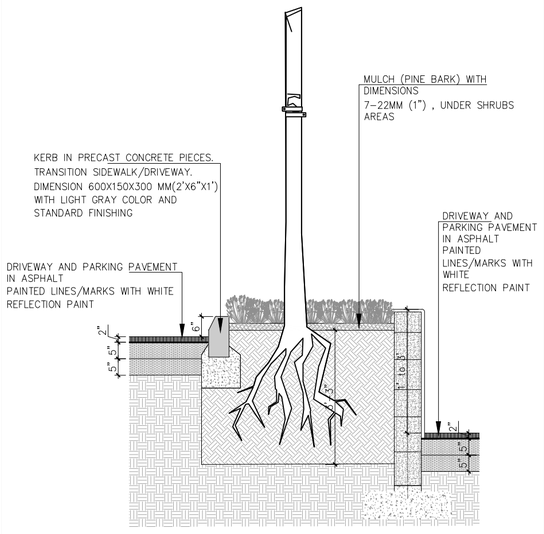
7 TRANSITION PARKING / GREEN AREA



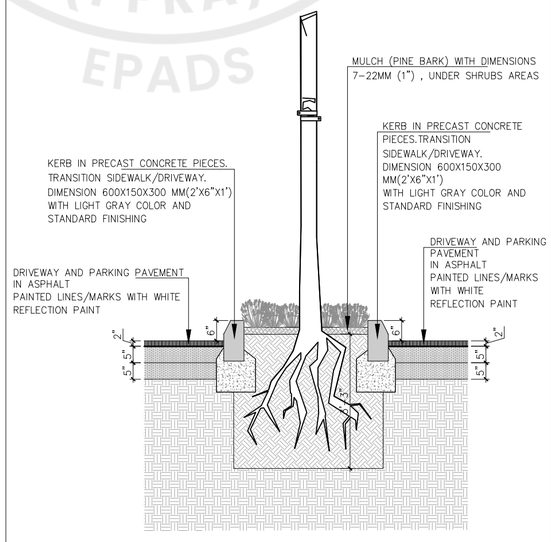
8 BENCH DETAIL



9 TRANSITION PARKING/ GREEN AREA



10 TRANSITION PARKING / GREEN AREA / DRIVEWAY RAMP



11 GREEN AREA IN PARKING

LANDSCAPE LEGEND"CUT PATTERNS"

LEGEND	DESCRIPTION
	CONCRETE - Solid
	CONCRETE - AR-Conc
	DEFINED IN STRUCTURE PROJECT - Ansi 31
	CONCRETE MASONRY UNITS - Ansi 37
	EXISTING ROAD - Ansi 32
	FILLING LAYER - Ansi 36
	COMPACTED NATURAL SOIL - Earth
	PLANTING SOIL - Earth
	ALVEOLAR AGGREGATE SUB-BASE - Hex & Line
	AGGREGATE SUB-BASE - Hex
	FIXING SAND - Ar Sand
	MULCH (PINE BARK) - Ar Rshck
	POND / WATER - Dash
	WATERPROOFING AND BASE PROTECTION - Zigzag
	GEOTEXTILE - Continuos
	GEOTEXTILE WRAPPED DRAIN - Continuos circle

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(TYPICAL DETAILS)

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TENDER DRAWINGS

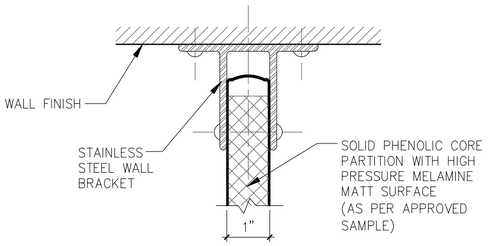
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MISC. SITE / LANDSCAPE DETAILS

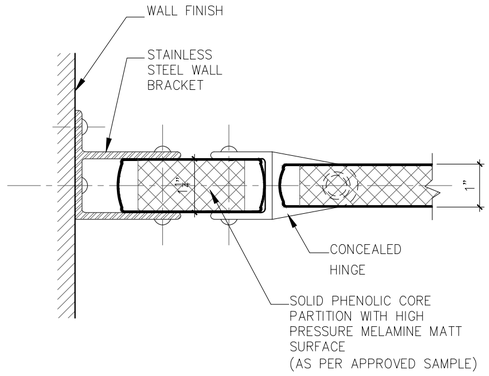
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DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-TD-04- A711	REVISION: 00

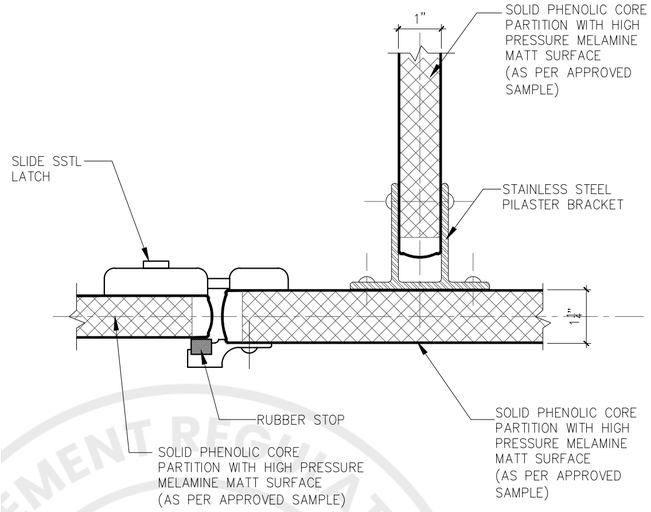
PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



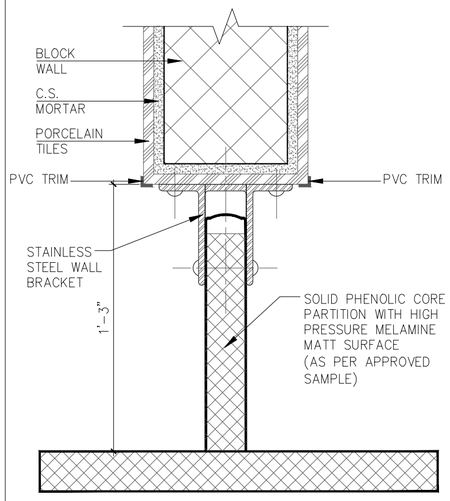
A	DETAIL



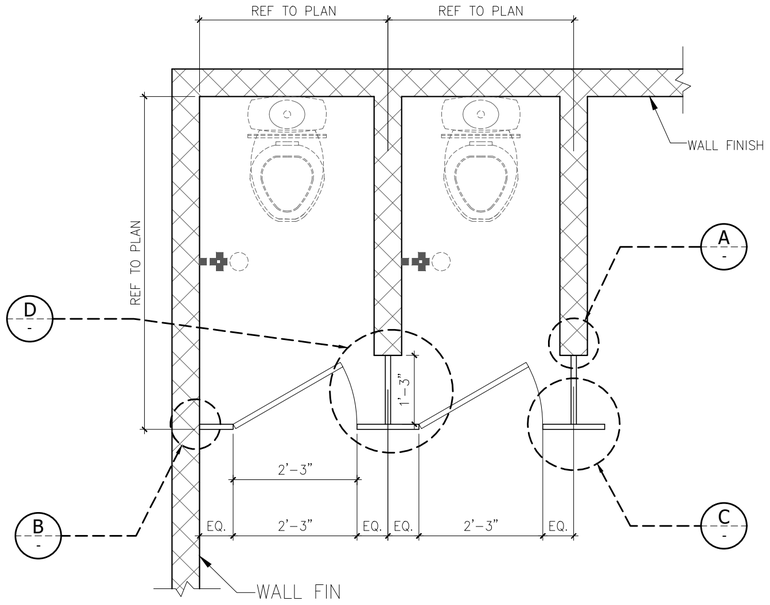
B	DETAIL



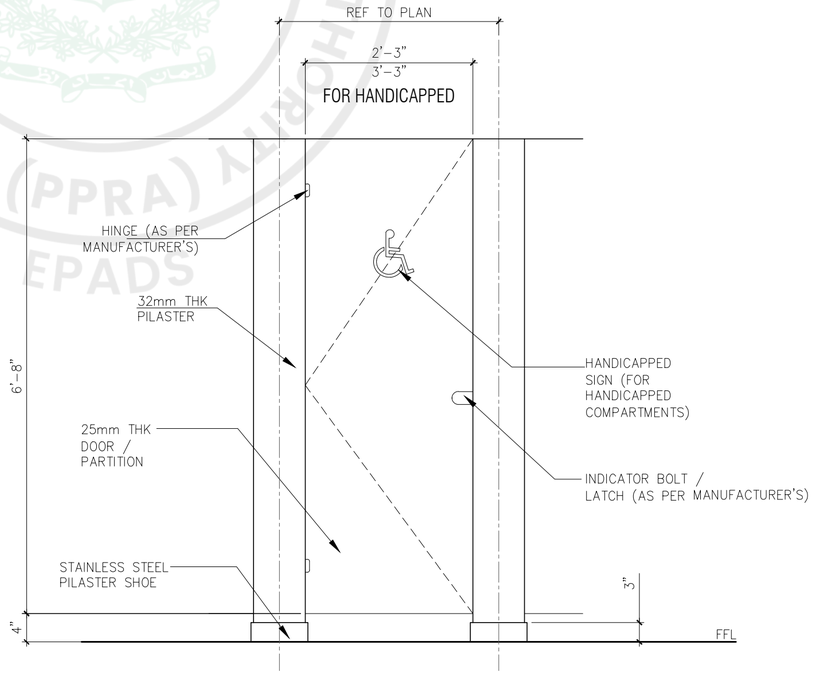
C	DETAIL



D	DETAIL



PLAN



ELEVATION

1	TYPICAL TOILET PARTITION DETAIL

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN FEET/INCHES, UNLESS OTHERWISE NOTED.
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10. FOR SUMP PIT,LIFT PITS TRENCHES DETAILS AND LOCATIONS REFER MEP AND STRUCTURE.
11. RAIN WATER PIPES , ROOF SLOPES , RIDGES ARE INDICATIVE ONLY PLEASE REFER MEP DRAWINGS FOR DETAILS.
12. PLEASE VERIFY THE ROAD LEVELS WITH REFERENCE TO GRADING PLAN AS IT VARIES AT VARIOUS LOCATIONS /ENTRANCES OF THE BUILDING.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

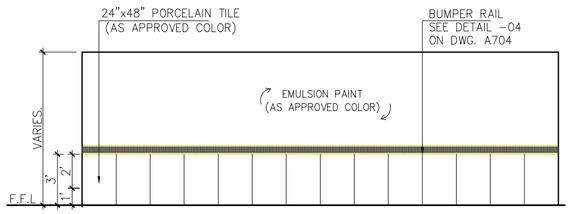
TOILET PARTITION DETAILS (TYP.)

REV.	DATE	DESCRIPTION

DATE:	SCALE:
OCTOBER, 2026	N.T.S
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:

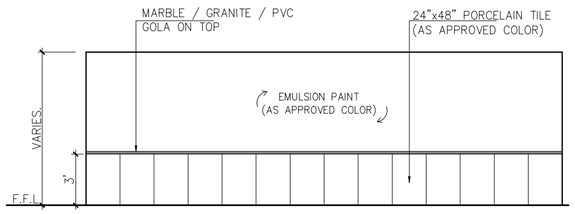
DRAWING NO.		REVISION:
CNCCI-TD-04-	A712	00

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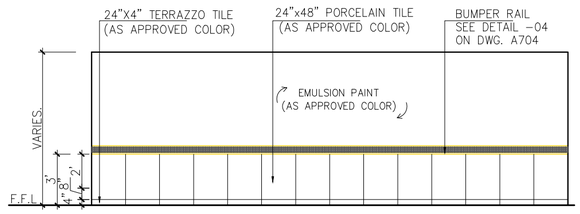
WALL	PORCELAIN TILE + BUMPER RAIL + EMULSION PAINT
FLOOR	PORCELAIN TILE
SKIRTING	-

1 DADO DETAIL



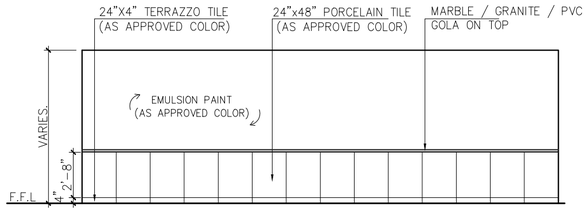
WALL	PORCELAIN TILE + MARBLE / GRANITE / PVC GOLA + EMULSION PAINT
FLOOR	PORCELAIN TILE
SKIRTING	-

2 DADO DETAIL



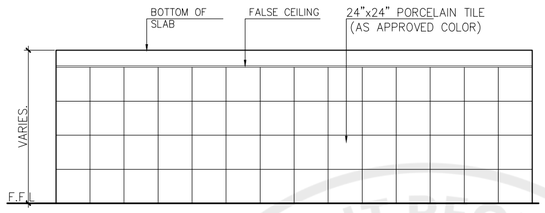
WALL	PORCELAIN TILE + BUMPER RAIL + EMULSION PAINT
FLOOR	PORCELAIN TILE
SKIRTING	TERRAZZO TILE

3 DADO DETAIL



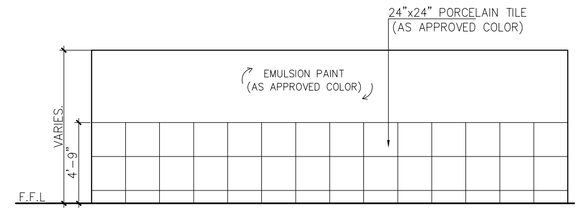
WALL	PORCELAIN TILE + MARBLE / GRANITE / PVC GOLA + EMULSION PAINT
FLOOR	PORCELAIN TILE
SKIRTING	TERRAZZO TILE

4 DADO DETAIL



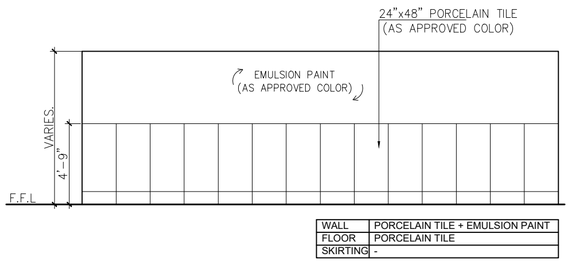
WALL	PORCELAIN TILE
FLOOR	PORCELAIN TILE
SKIRTING	-

5 DADO DETAIL



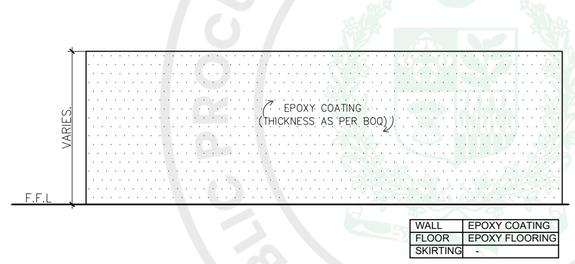
WALL	PORCELAIN TILE + EMULSION PAINT
FLOOR	PORCELAIN TILE
SKIRTING	-

6 DADO DETAIL



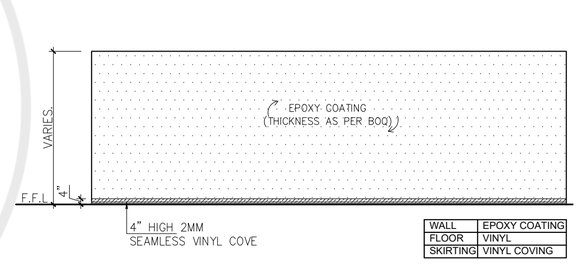
WALL	PORCELAIN TILE + EMULSION PAINT
FLOOR	PORCELAIN TILE
SKIRTING	-

7 DADO DETAIL



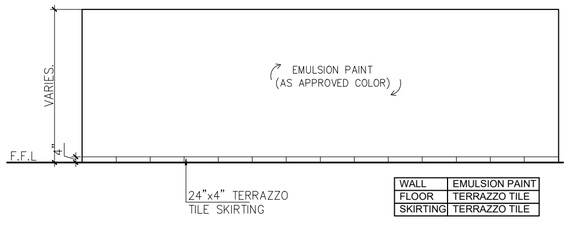
WALL	EPOXY COATING
FLOOR	EPOXY FLOORING
SKIRTING	-

8 DADO DETAIL



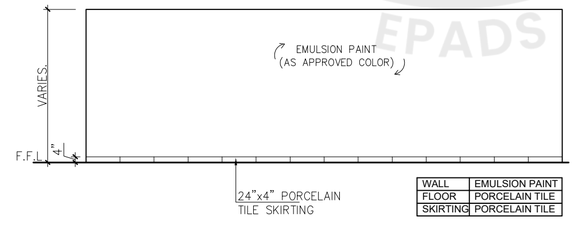
WALL	EPOXY COATING
FLOOR	VINYL
SKIRTING	VINYL COVING

9 DADO DETAIL



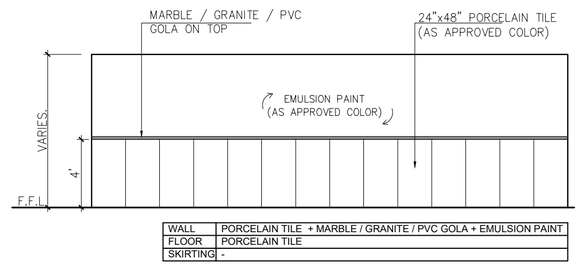
WALL	EMULSION PAINT
FLOOR	TERRAZZO TILE
SKIRTING	TERRAZZO TILE

10 DADO DETAIL



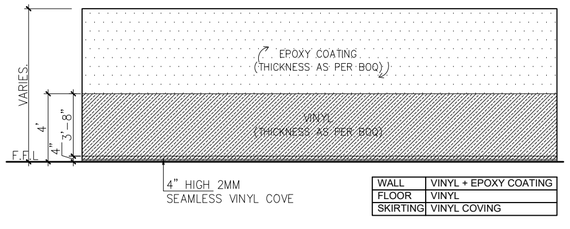
WALL	EMULSION PAINT
FLOOR	PORCELAIN TILE
SKIRTING	PORCELAIN TILE

11 DADO DETAIL



WALL	PORCELAIN TILE + MARBLE / GRANITE / PVC GOLA + EMULSION PAINT
FLOOR	PORCELAIN TILE
SKIRTING	-

12 DADO DETAIL



WALL	VINYL + EPOXY COATING
FLOOR	VINYL
SKIRTING	VINYL COVING

13 DADO DETAIL

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CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

TYPICAL DADO DETAILS

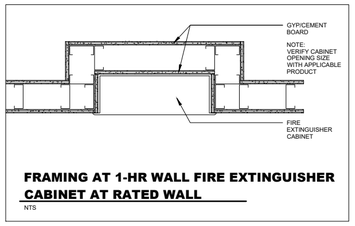
REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: N.T.S
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:

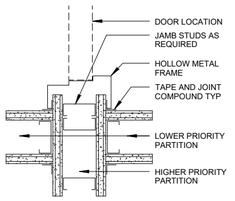
DRAWING NO. CNCCI-TD-04- A713

REVISION: 00

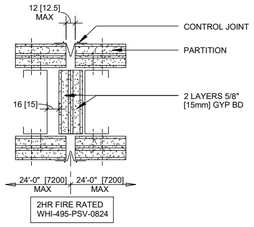
PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



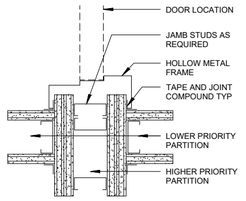
FRAMING AT 1-HR WALL FIRE EXTINGUISHER CABINET AT RATED WALL
NTS



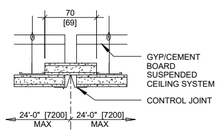
INTERSECTION AT CROSS CORRIDOR DOOR
3" = 1' - 0"



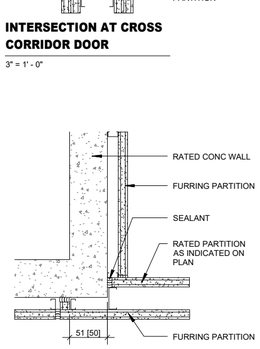
CONTROL JOINT
3" = 1' - 0"



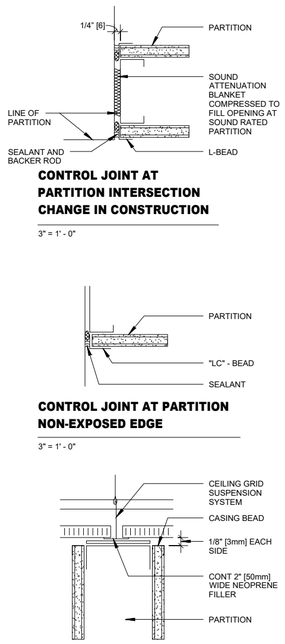
INTERSECTION AT CROSS CORRIDOR DOOR
3" = 1' - 0"



CONTROL JOINT FOR GYPSUM BOARD CEILING
3" = 1' - 0"

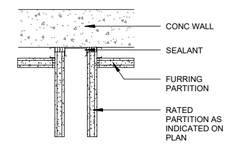


INTERSECTION AT CONCRETE WALL
3" = 1' - 0"



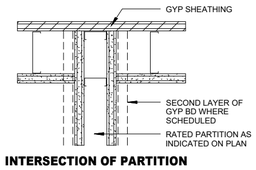
CONTROL JOINT AT PARTITION INTERSECTION CHANGE IN CONSTRUCTION
3" = 1' - 0"

CONTROL JOINT AT PARTITION NON-EXPOSED EDGE
3" = 1' - 0"

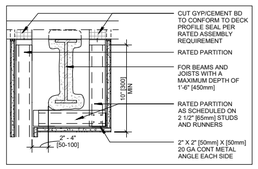


INTERSECTION OF PARTITION & CONCRETE
3" = 1' - 0"

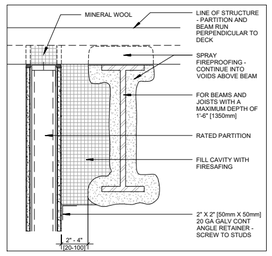
CONTROL JOINT AT PARTITION ATTACHMENT TO CEILING GRID
3" = 1' - 0"



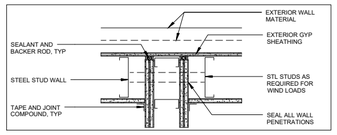
INTERSECTION OF PARTITION AT EXTERIOR WALL
3" = 1' - 0"



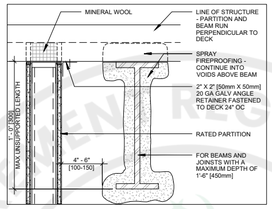
SECTION OF PARTITION ADJACENT TO BEAM
NTS



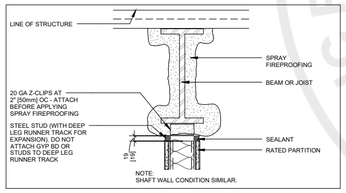
SECTION OF PARTITION ADJACENT TO BEAM
NTS



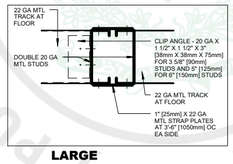
PLAN DETAIL AT FIRE AND/OR FIRE/SMOKE PARTITION AT EXTERIOR WALL
NTS



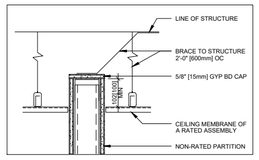
SECTION OF PARTITION ADJACENT TO BEAM
NTS



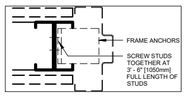
SECTION OF PARTITION UNDER BEAM
NTS



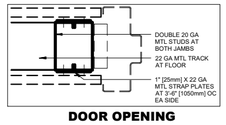
LARGE OPENING JAMB STUDS **04**
NTS



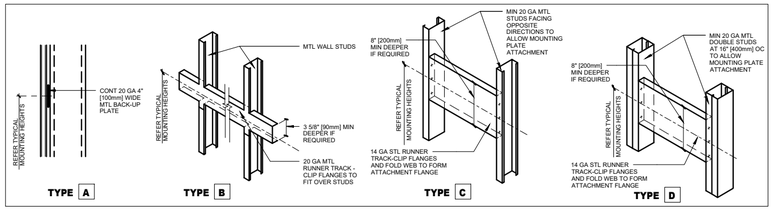
SECTION OF PARTITION AND CEILING
NTS

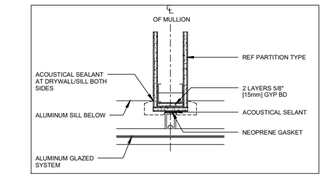


DOOR OPENING JAMB STUDS **06**
NTS

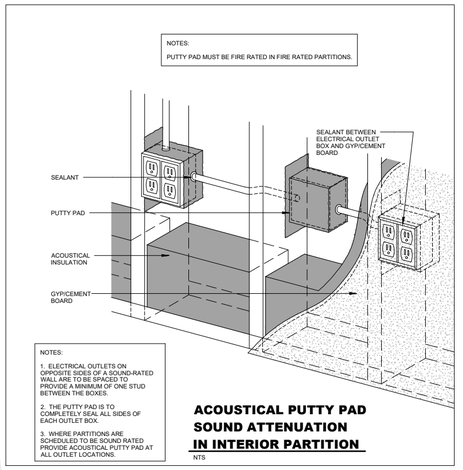


DOOR OPENING JAMB STUDS **05**
NTS

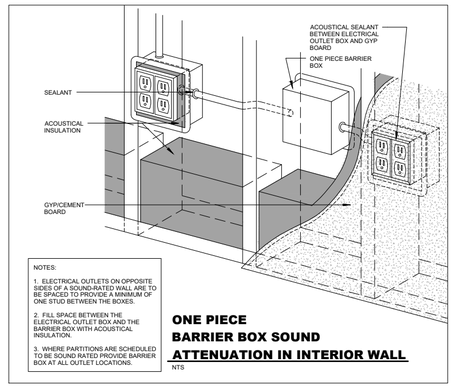




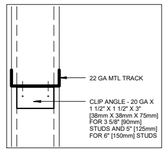
PLAN DETAIL AT PARTITION / MULLION
NTS



ACOUSTICAL PUTTY PAD SOUND ATTENUATION IN INTERIOR PARTITION
NTS



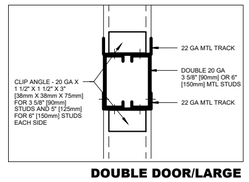
ONE PIECE BARRIER BOX SOUND ATTENUATION IN INTERIOR WALL
NTS



OPENING HEADER **03**
NTS



DOOR OPENING HEADER **02**
NTS



DOUBLE DOOR/LARGE OPENING HEADER **01**
NTS

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CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

TENDER DRAWINGS

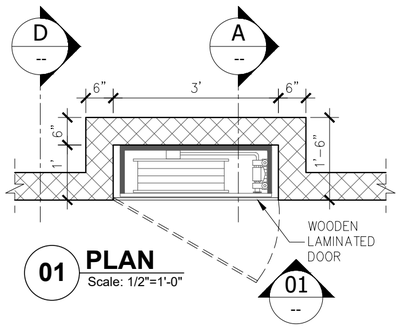
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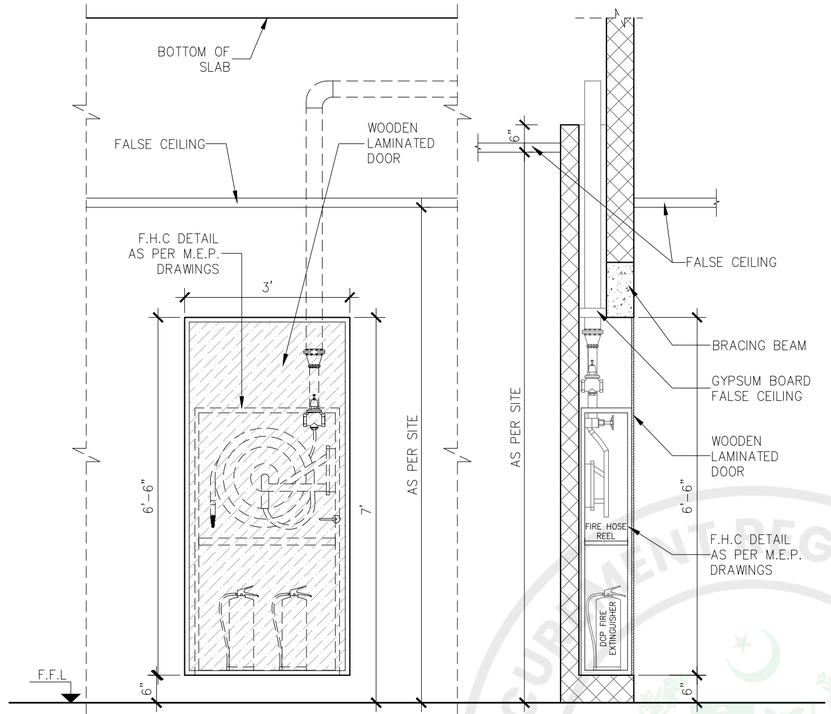
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DATE: OCTOBER, 2026	SCALE: AS SHOWN
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-TD-04- A714	REVISION: 00

PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

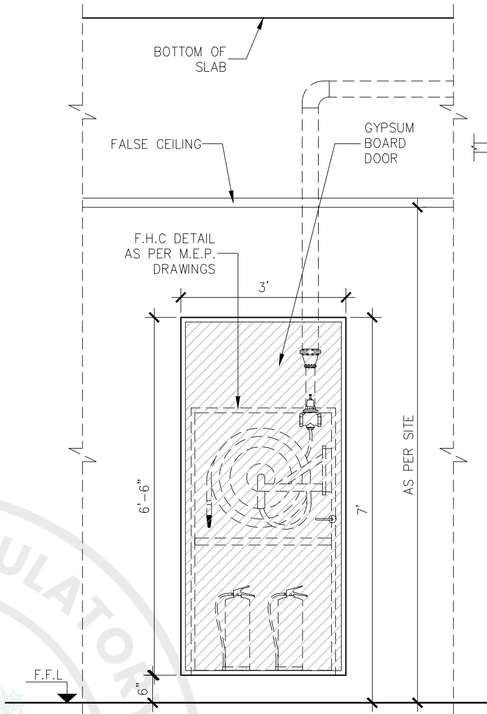


01 **PLAN**
Scale: 1/2"=1'-0"

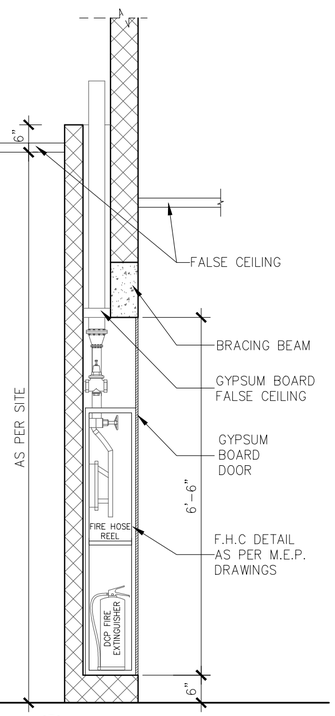


01 **ELEVATION (WOODEN LAMINATED)**
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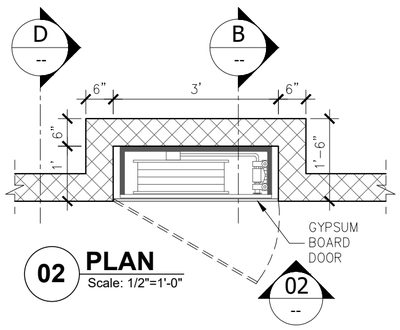
A **SECTION**
Scale: 1/2"=1'-0"



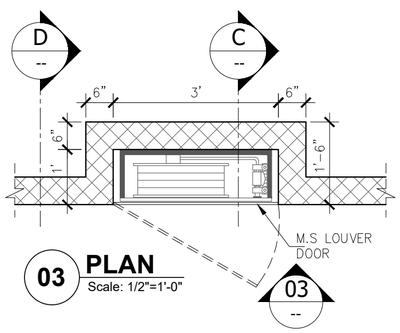
02 **ELEVATION (GYPSUM BOARD)**
Scale: 1/2"=1'-0"



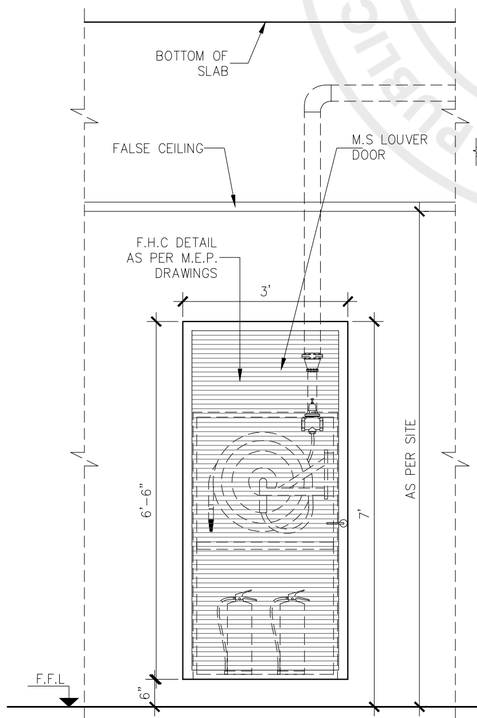
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Scale: 1/2"=1'-0"



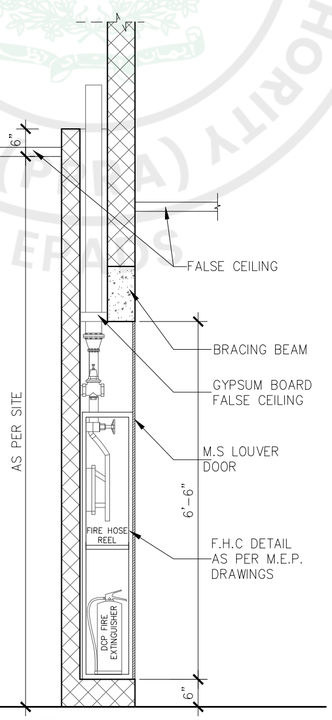
02 **PLAN**
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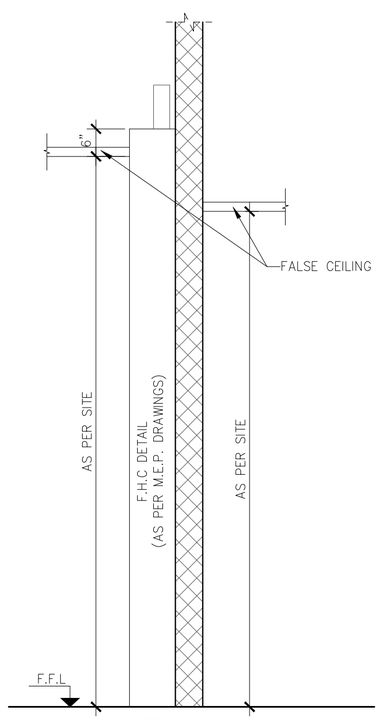
03 **PLAN**
Scale: 1/2"=1'-0"



03 **ELEVATION (M.S LOUVER)**
Scale: 1/2"=1'-0"



C **SECTION**
Scale: 1/2"=1'-0"



D **SECTION**
Scale: 1/2"=1'-0"

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CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

TENDER DRAWINGS

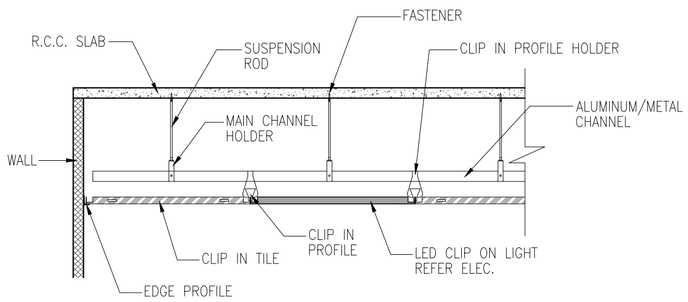
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FIRE HYDRANT CABINET DETAILS

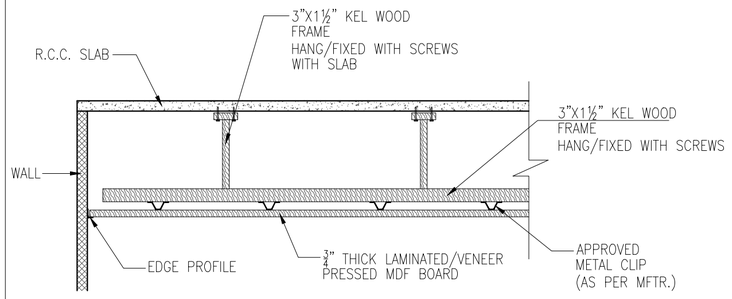
REV.	DATE	DESCRIPTION

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CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-TD-04- A715	REVISION: 00

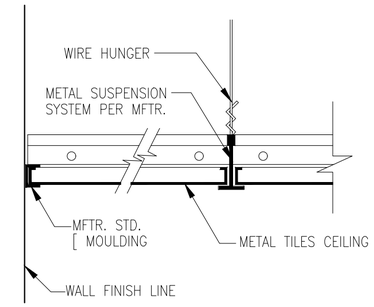
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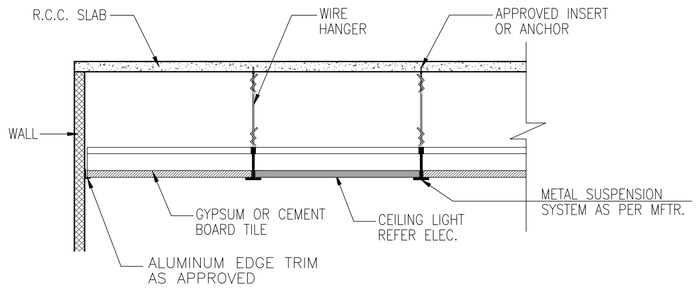
1 ALUMINUM CLIP ON CEILING DETAIL



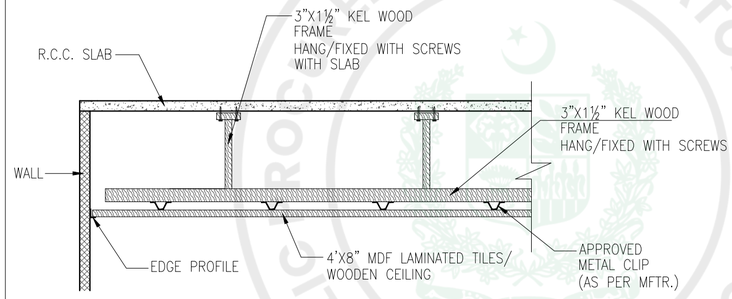
2 WOODEN CEILING DETAIL - I



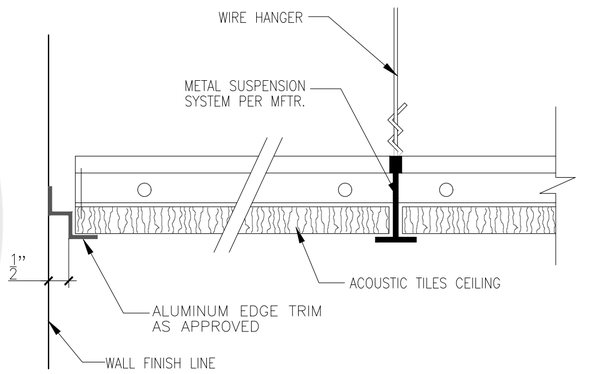
3 PERFORMATED METAL CEILING DETAIL



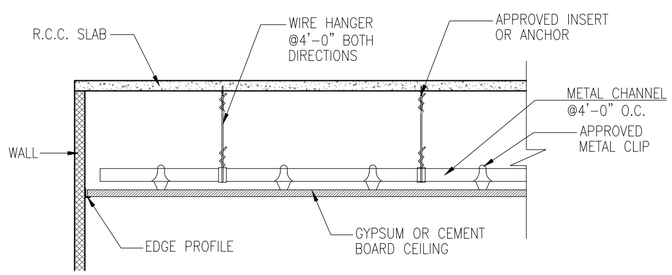
4 2'X2' GYPSUM/CEMENT BOARD TILES CEILING DETAIL



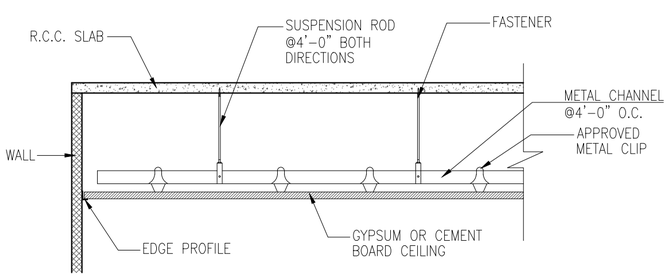
5 WOODEN CEILING DETAIL - II



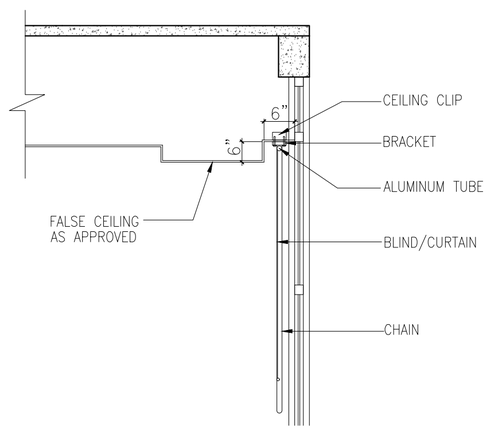
6 ACOUSTIC TILES CEILING DETAIL



7 GYPSUM OR CEMENT BOARD CEILING DETAIL WITH WIRE HANGER



8 GYPSUM OR CEMENT BOARD CEILING DETAIL WITH SUSPENSION ROD



9 ROLL UP DETAIL FOR CURTAIN / BLIND_

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CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

TYPICAL FALSE CEILING DETAILS

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-TD-04- A718	REVISION: 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



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PROJECT:

CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

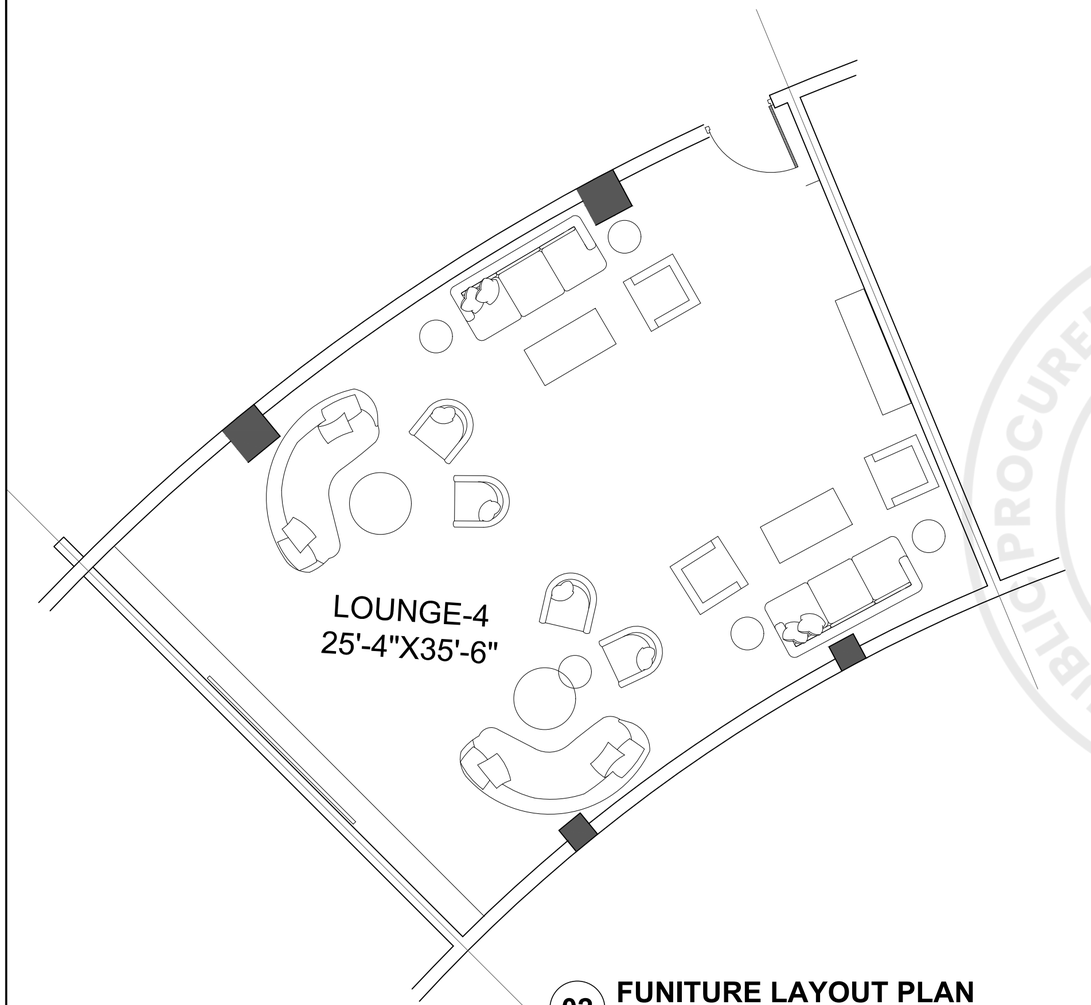
LOUNGE
RENDER IMAGE

REV.	DATE	DESCRIPTION

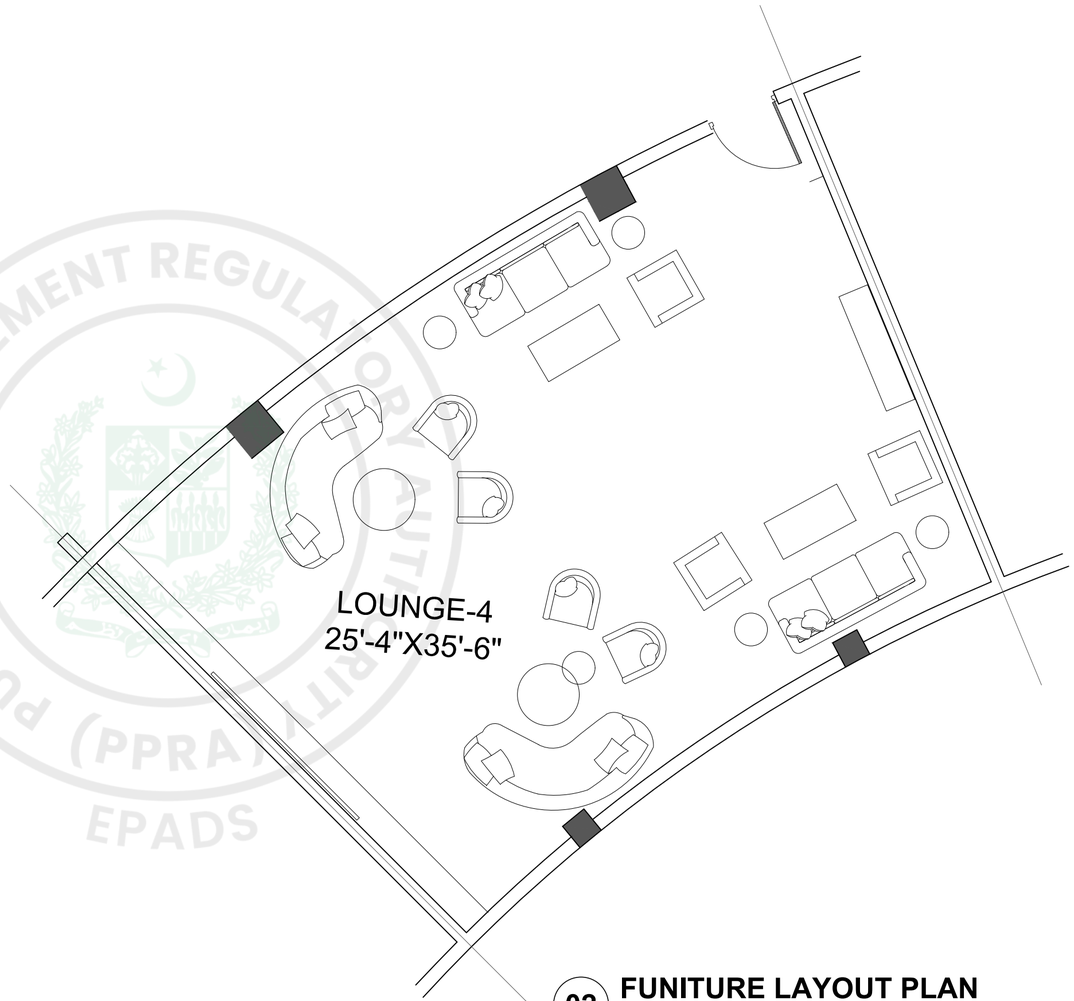
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CHECKED BY:	APPROVED BY:

DRAWING NO.	REVISION:
CNCCI-TD-04- A719a	00

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02 **FUNITURE LAYOUT PLAN**
Scale: 3/16"=1'-0"



02 **FUNITURE LAYOUT PLAN**
Scale: 3/16"=1'-0"

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CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

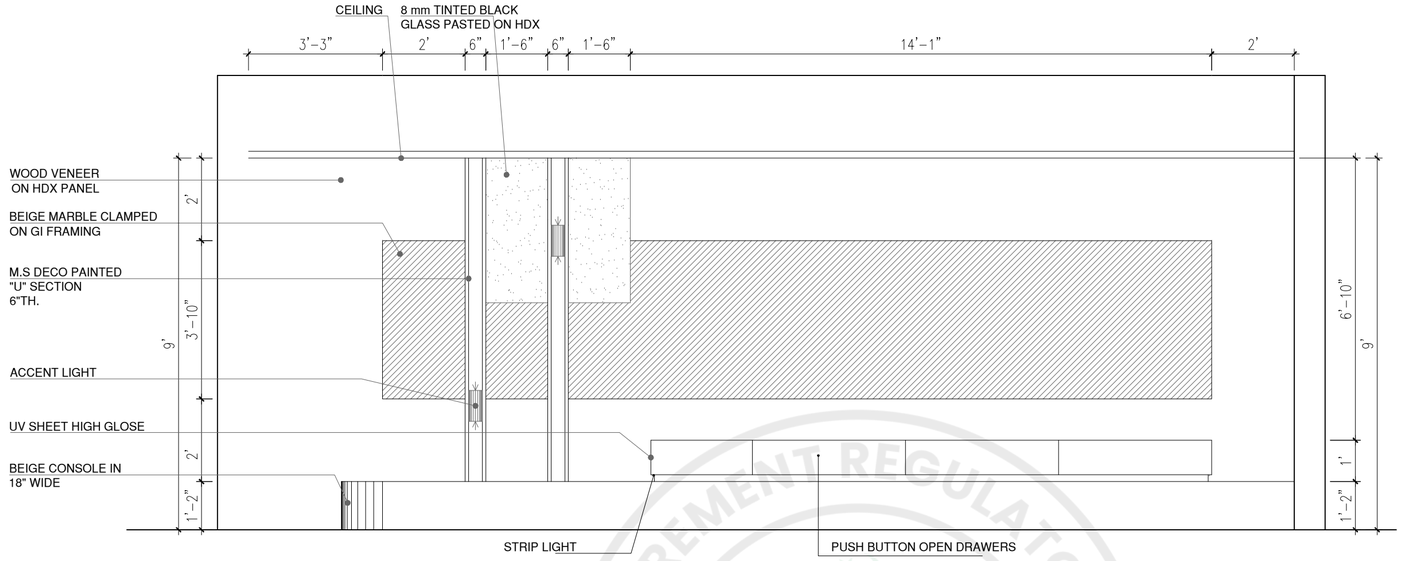
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LOUNGE-1 DETAIL

REV.	DATE	DESCRIPTION

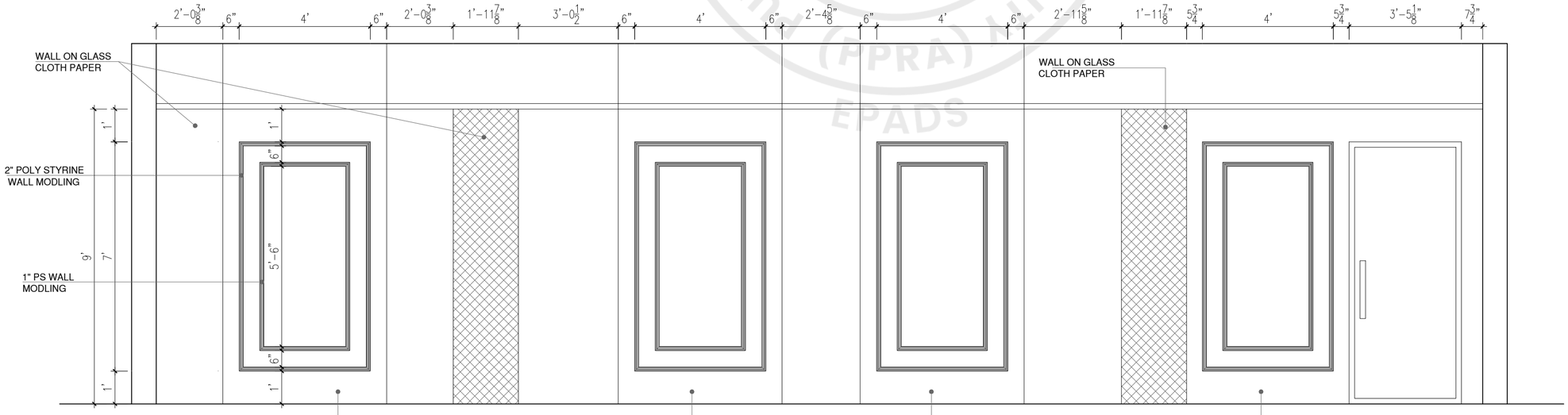
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DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-TD-04- A719	REVISION: 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



A **ELEVATION**

Scale: 3/8"=1'-0"



B **ELEVATION**

Scale: 3/8"=1'-0"

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CLIENT:

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PROJECT:

CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

ELEVATION A & B

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 3/8" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-TD-04- A720	REVISION: 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS





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PROJECT:

CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

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DRAWING TITLE:

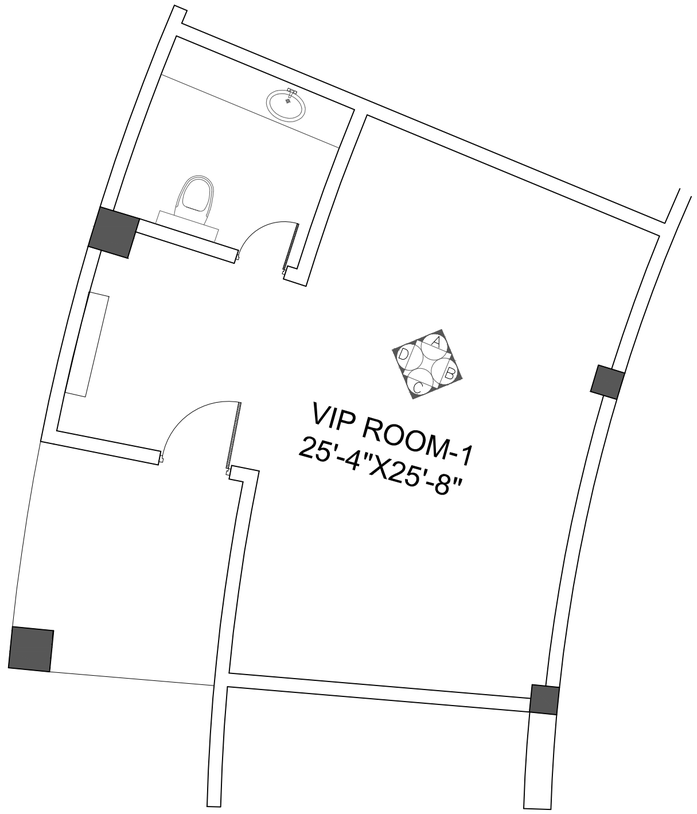
VIP ROOM-1 DETAIL RENDER IMAGE

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/2" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:

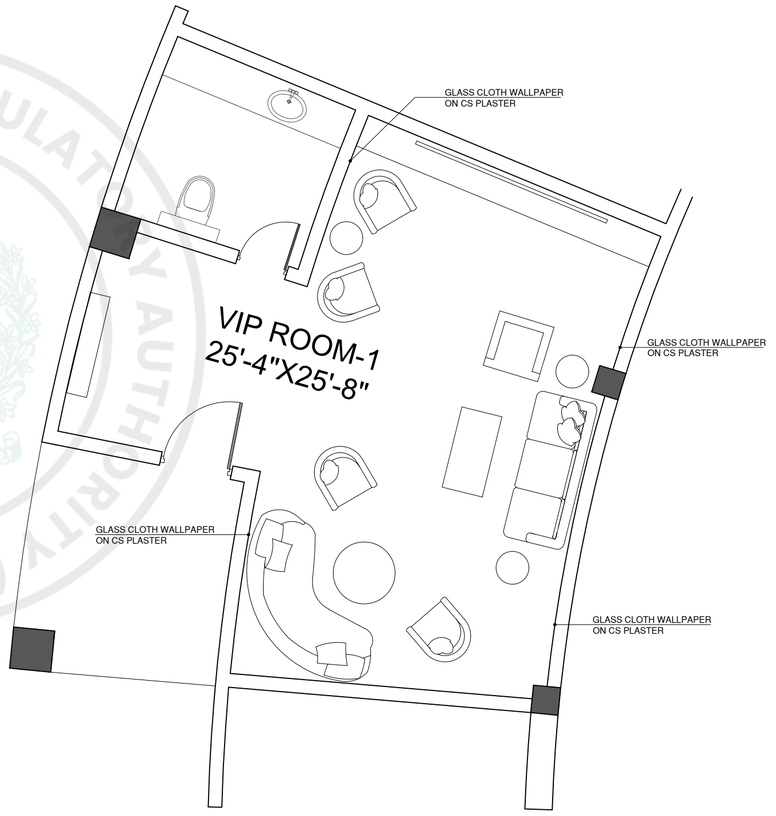
DRAWING NO. CNCCI-TD-04- A722a	REVISION: 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY EPADS



01 WORKING PLAN

Scale: 3/16"=1'-0"



02 FUNITURE LAYOUT PLAN

Scale: 3/16"=1'-0"

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CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

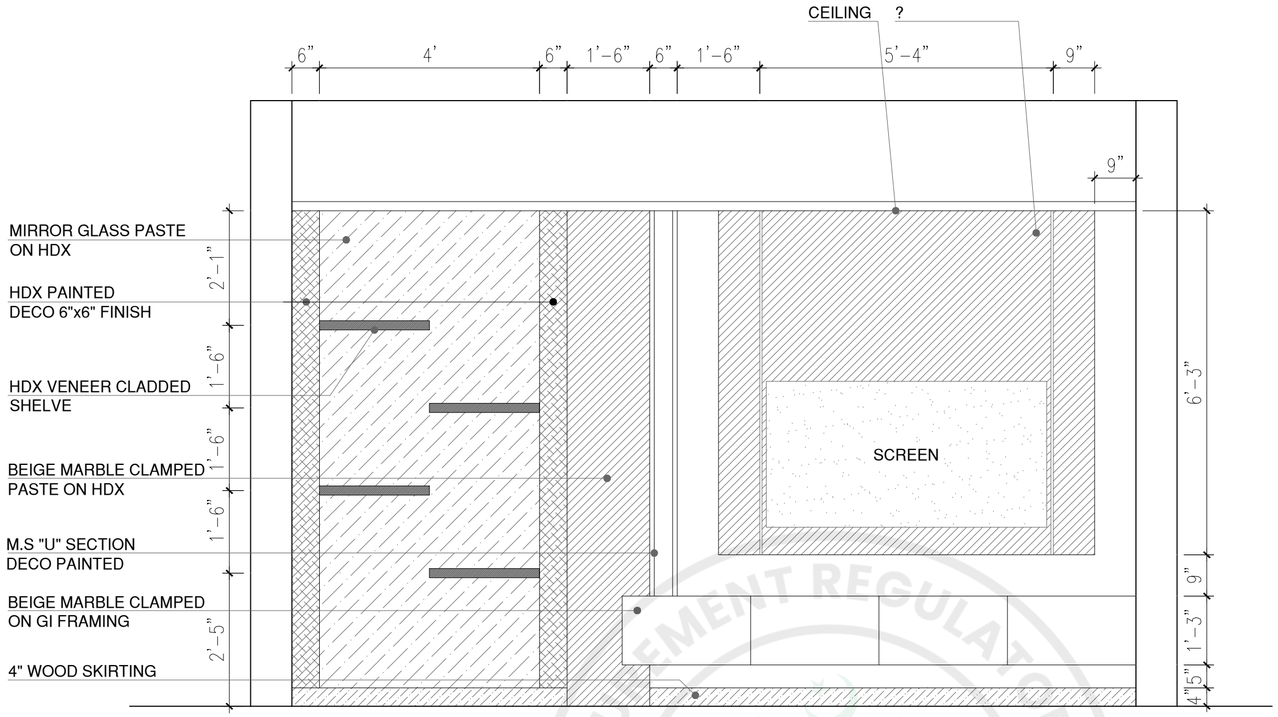
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VIP ROOM-1 DETAIL

REV.	DATE	DESCRIPTION

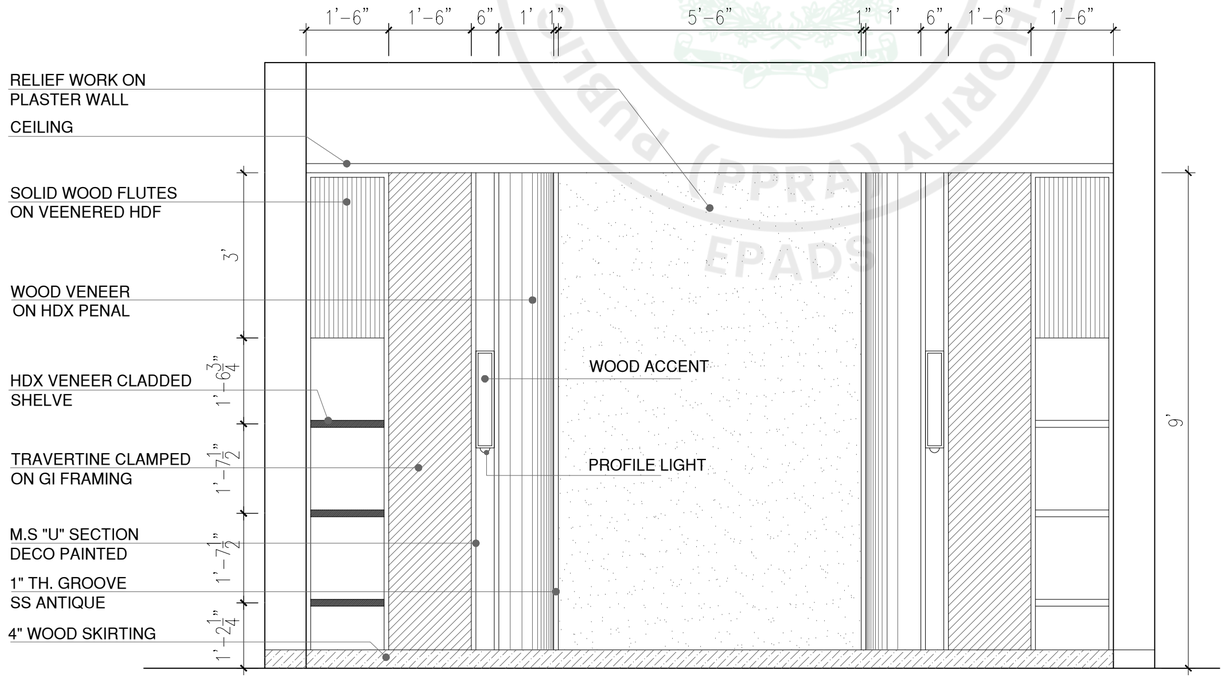
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DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-TD-04- A721	REVISION: 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



A **ELEVATION**

Scale: 1/2"=1'-0"



C **ELEVATION**

Scale: 1/2"=1'-0"

GENERAL NOTES:

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12. PLEASE VERIFY THE ROAD LEVELS WITH REFERENCE TO GRADING PLAN AS IT VARIES AT VARIOUS LOCATIONS /ENTRANCES OF THE BUILDING.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

ELEVATION A & C

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/2" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-TD-04- A722	REVISION: 00

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FRONT ELEVATION (FEATURE WALL)

Clean elevation showing material composition and proportions

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CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

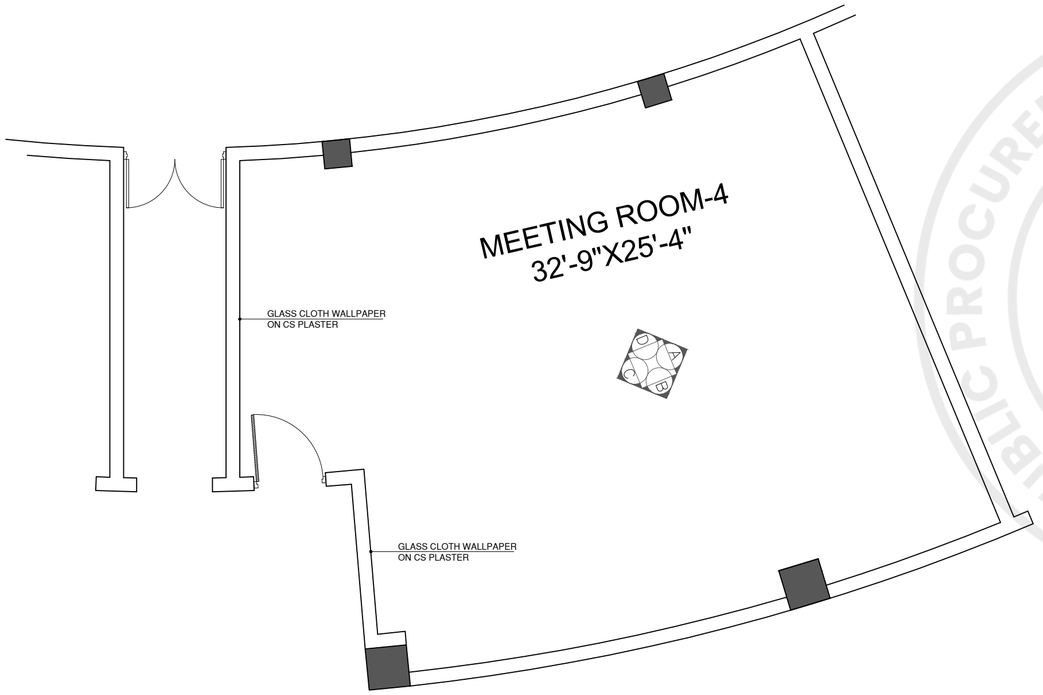
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MEETING ROOM RENDER IMAGE

REV.	DATE	DESCRIPTION

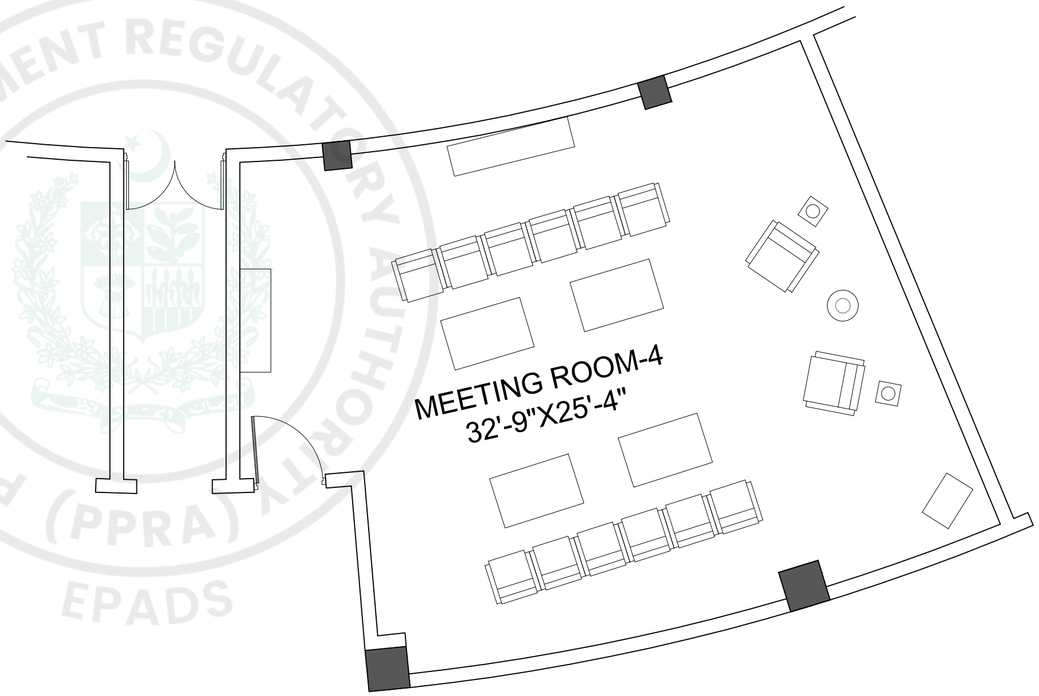
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CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-TD-04- A723a	REVISION: 00

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01 WORKING PLAN

Scale: 3/16"=1'-0"



02 FUNITURE LAYOUT PLAN

Scale: 3/16"=1'-0"

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA)
EPADS

GENERAL NOTES:

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CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

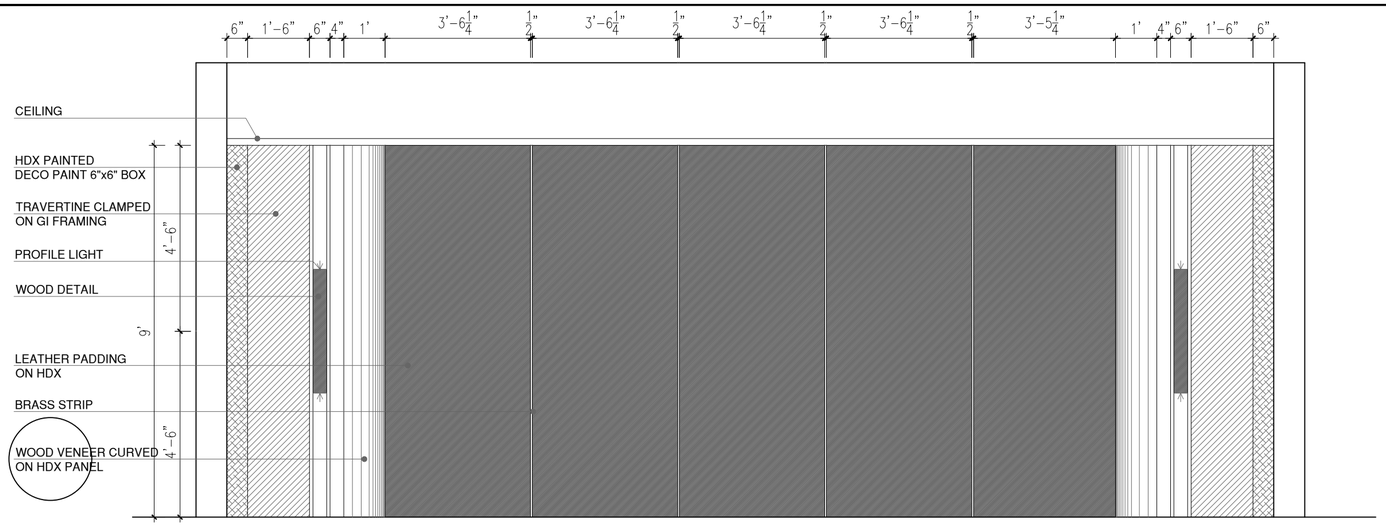
PROPOSED DRAWINGS

DRAWING TITLE:

MEETING ROOM DETAIL

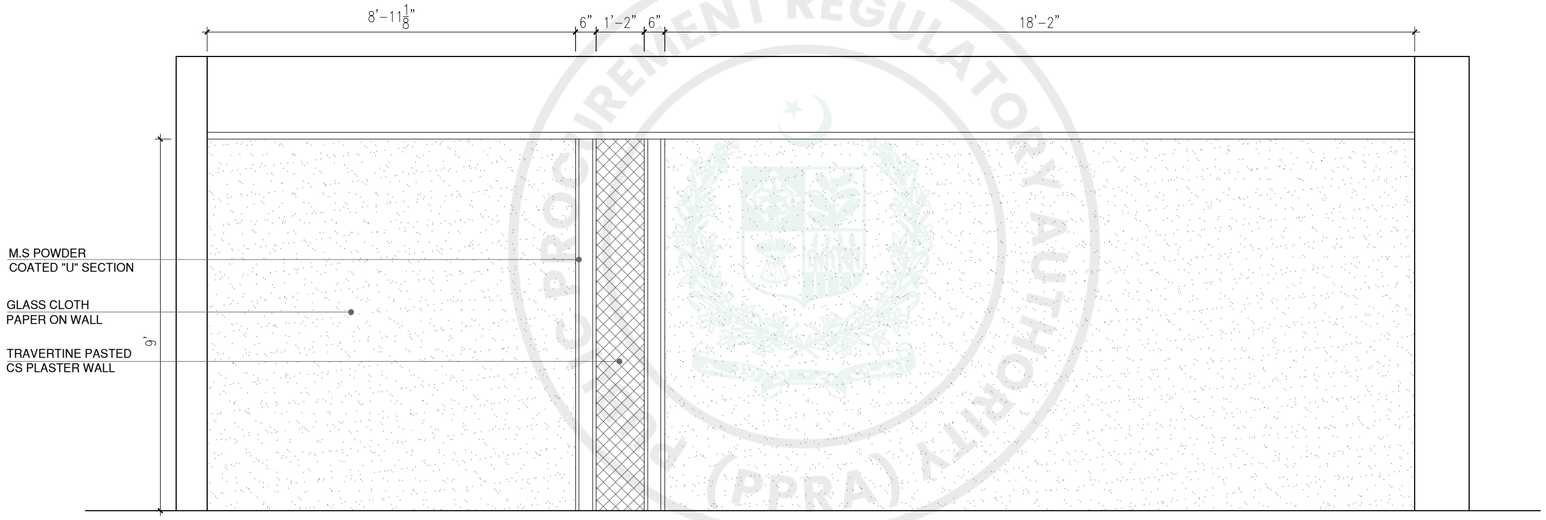
REV.	DATE	DESCRIPTION

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CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-TD-04- A723	REVISION: 00



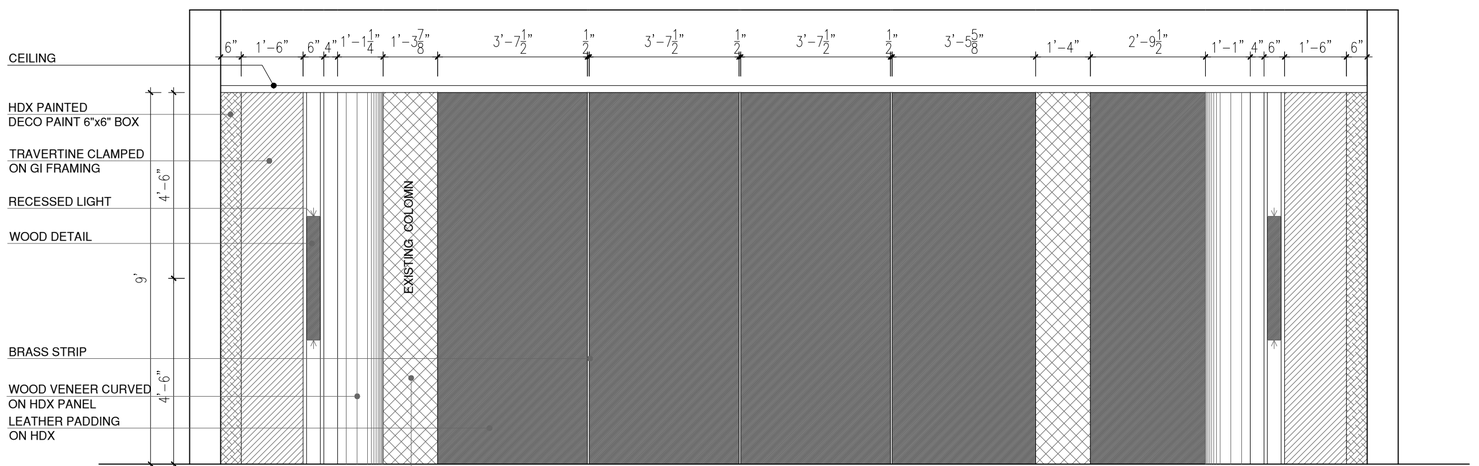
A **ELEVATION**

Scale: 3/8"=1'-0"



B **ELEVATION**

Scale: 3/8"=1'-0"



D **ELEVATION**

Scale: 3/8"=1'-0"

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CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

ELEVATION A , B &D

REV.	DATE	DESCRIPTION

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DRAWING NO. CNCCI-TD-04- A724	REVISION: 00

PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS







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CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

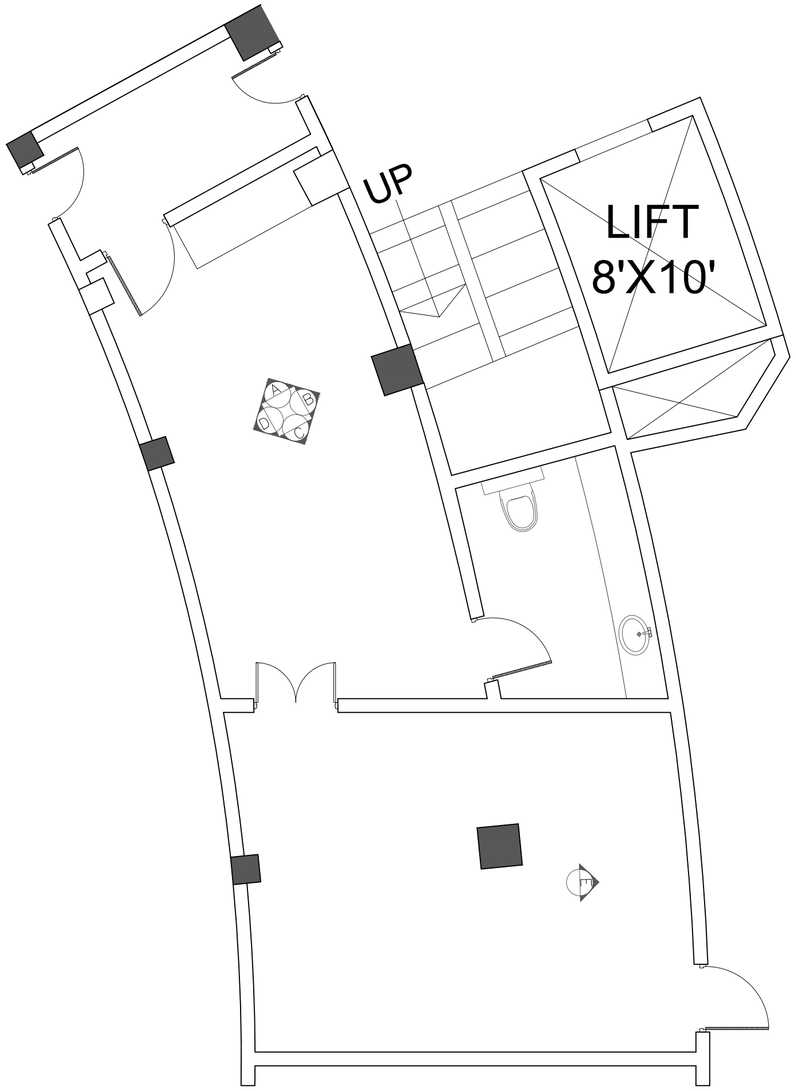
DRAWING TITLE:

OFFICE
RENDER IMAGE

REV.	DATE	DESCRIPTION

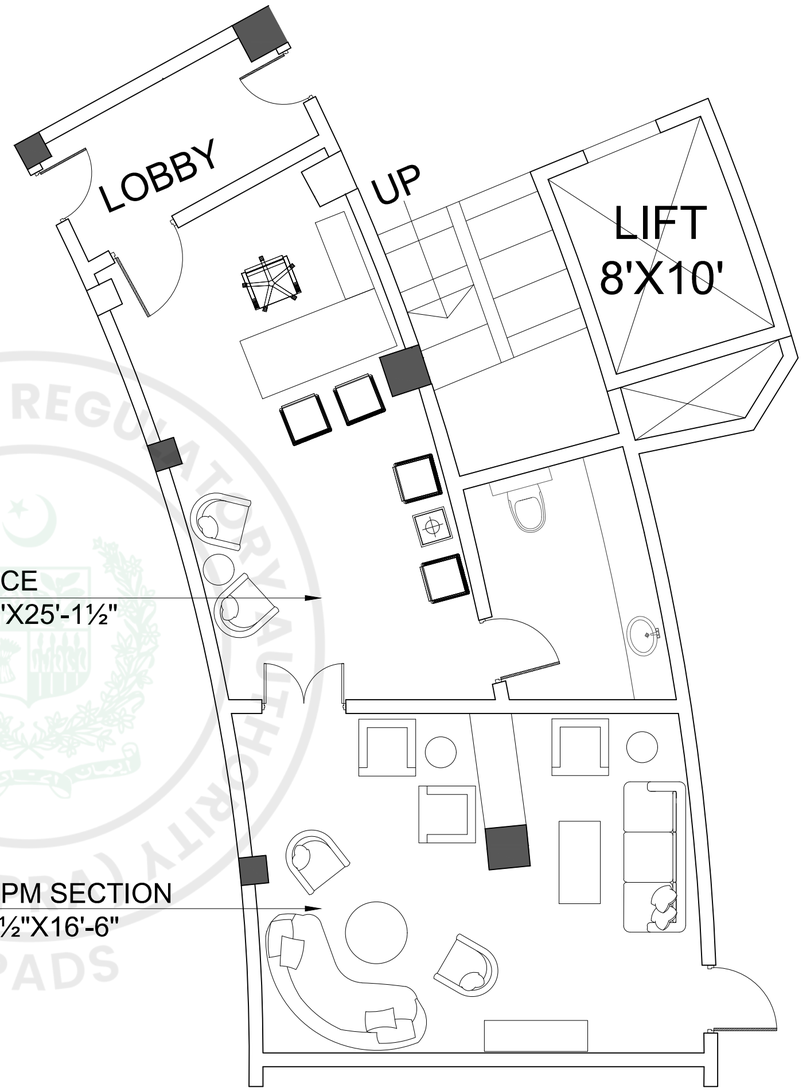
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DRAWING NO. CNCCI-TD-04- A725a	REVISION: 00

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01 **WORKING PLAN**

Scale: 3/16"=1'-0"



02 **FUNITURE LAYOUT PLAN**

Scale: 3/16"=1'-0"

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CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

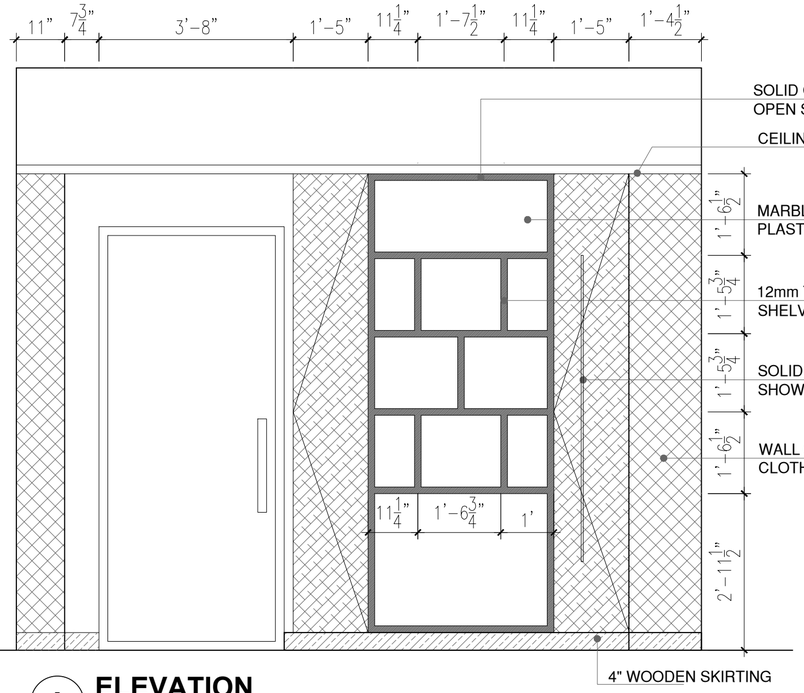
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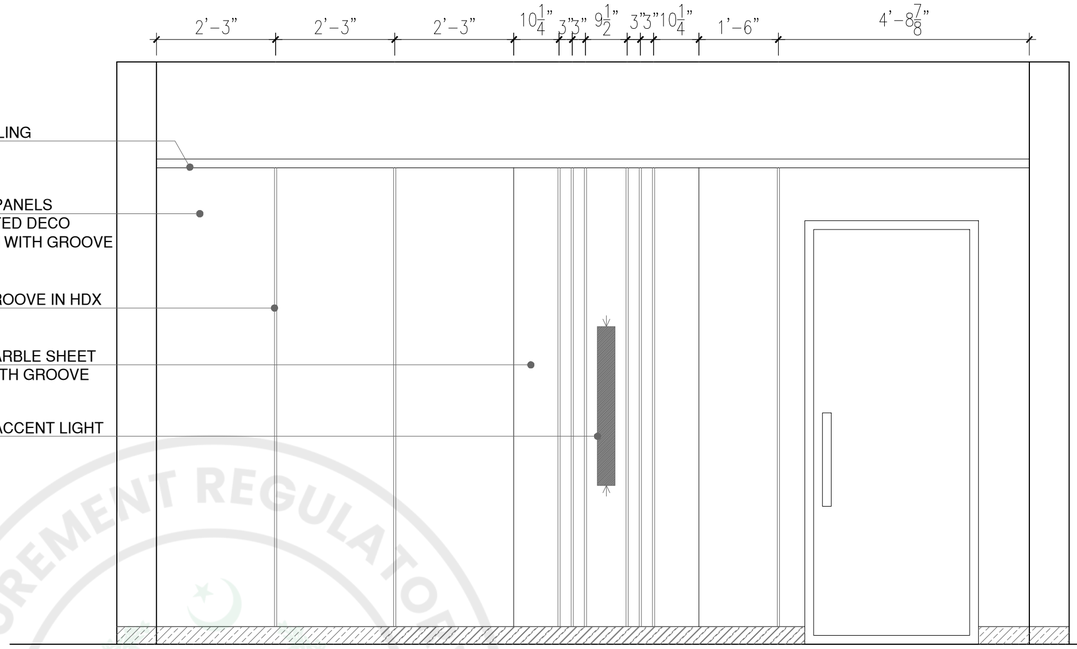
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DATE: OCTOBER, 2026	SCALE: 3/16" = 1'-0"
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DRAWING NO. CNCCI-TD-04- A725	REVISION: 00

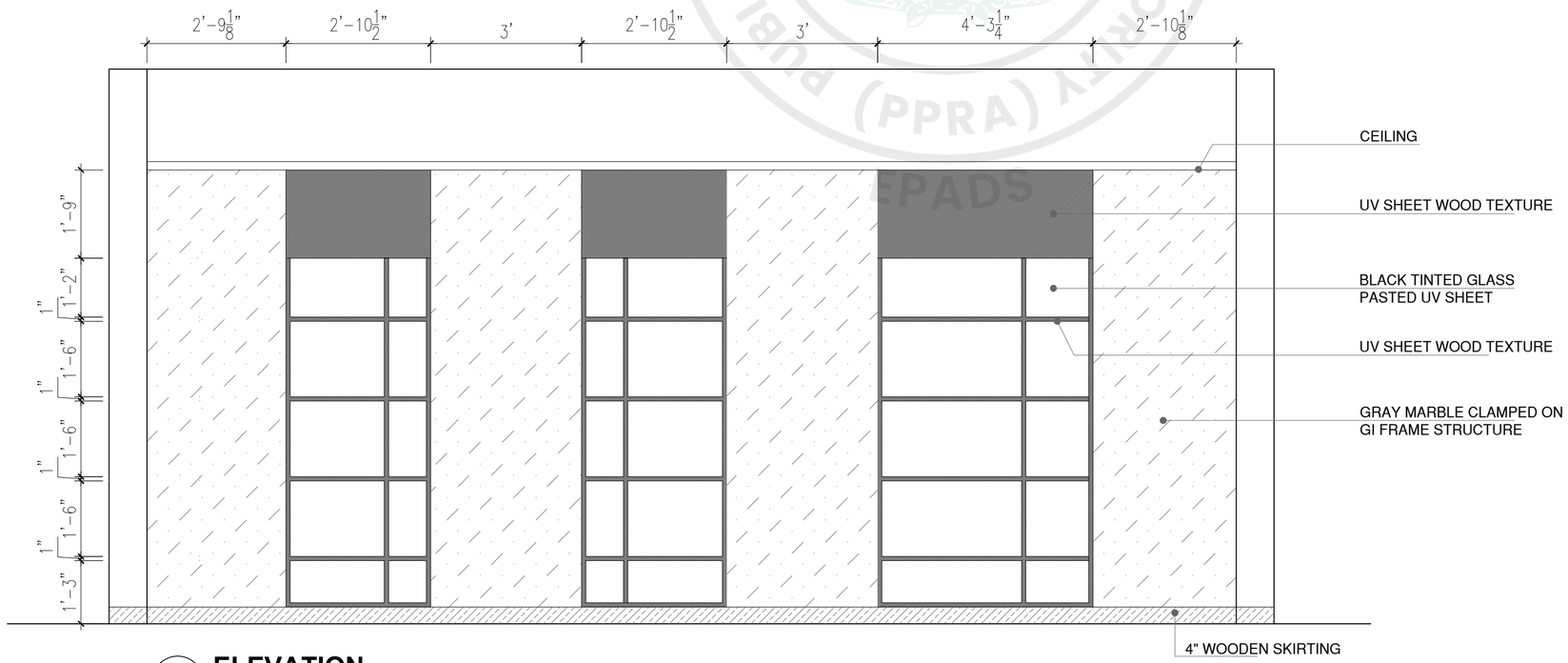
PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



A **ELEVATION**
Scale: 1/2"=1'-0"



E **ELEVATION**
Scale: 1/2"=1'-0"



D **ELEVATION**
Scale: 1/2"=1'-0"

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CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

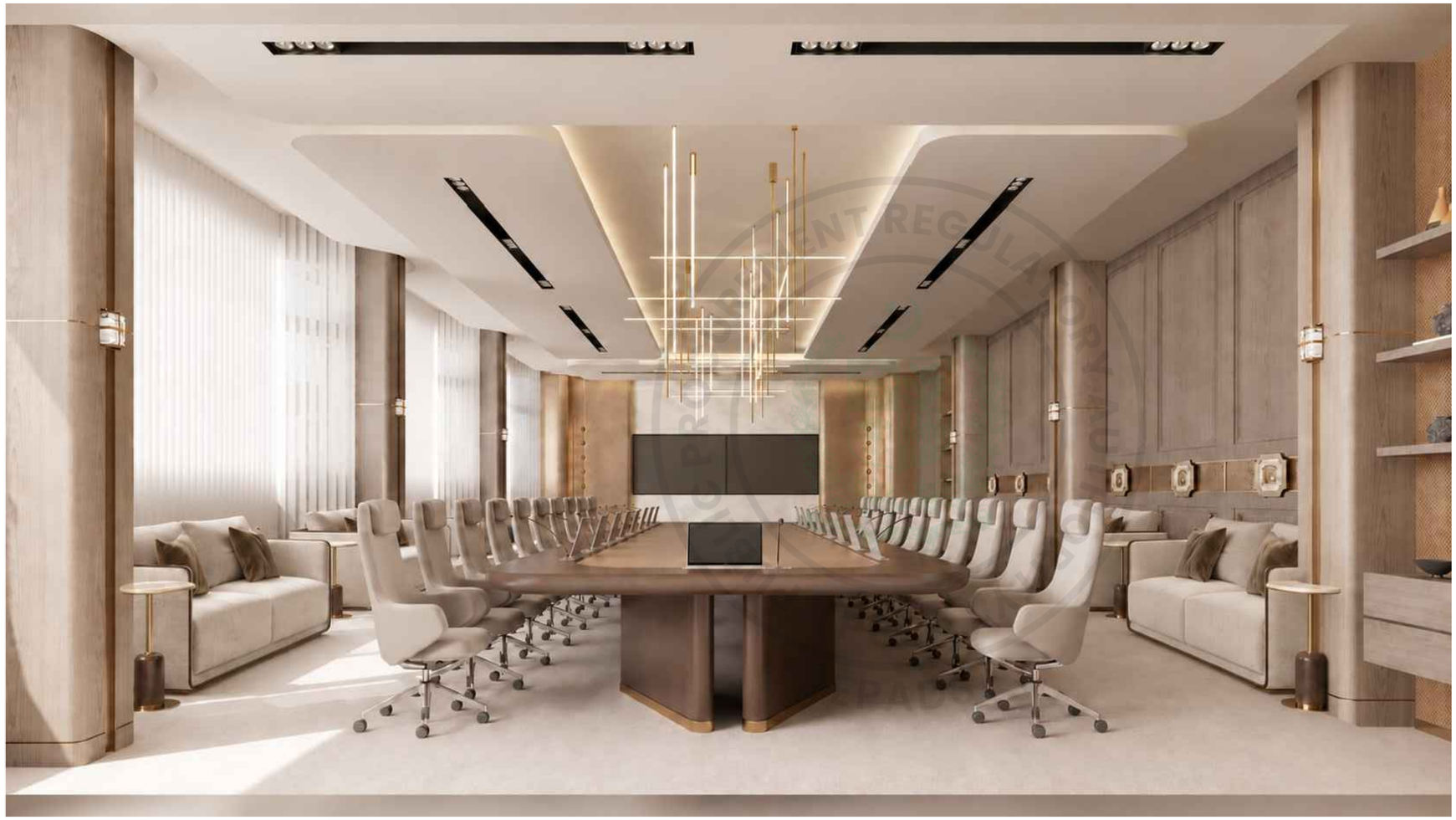
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ELEVATION A , C &D

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/2" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-TD-04- A726	REVISION: 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



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(TYPICAL DETAILS)

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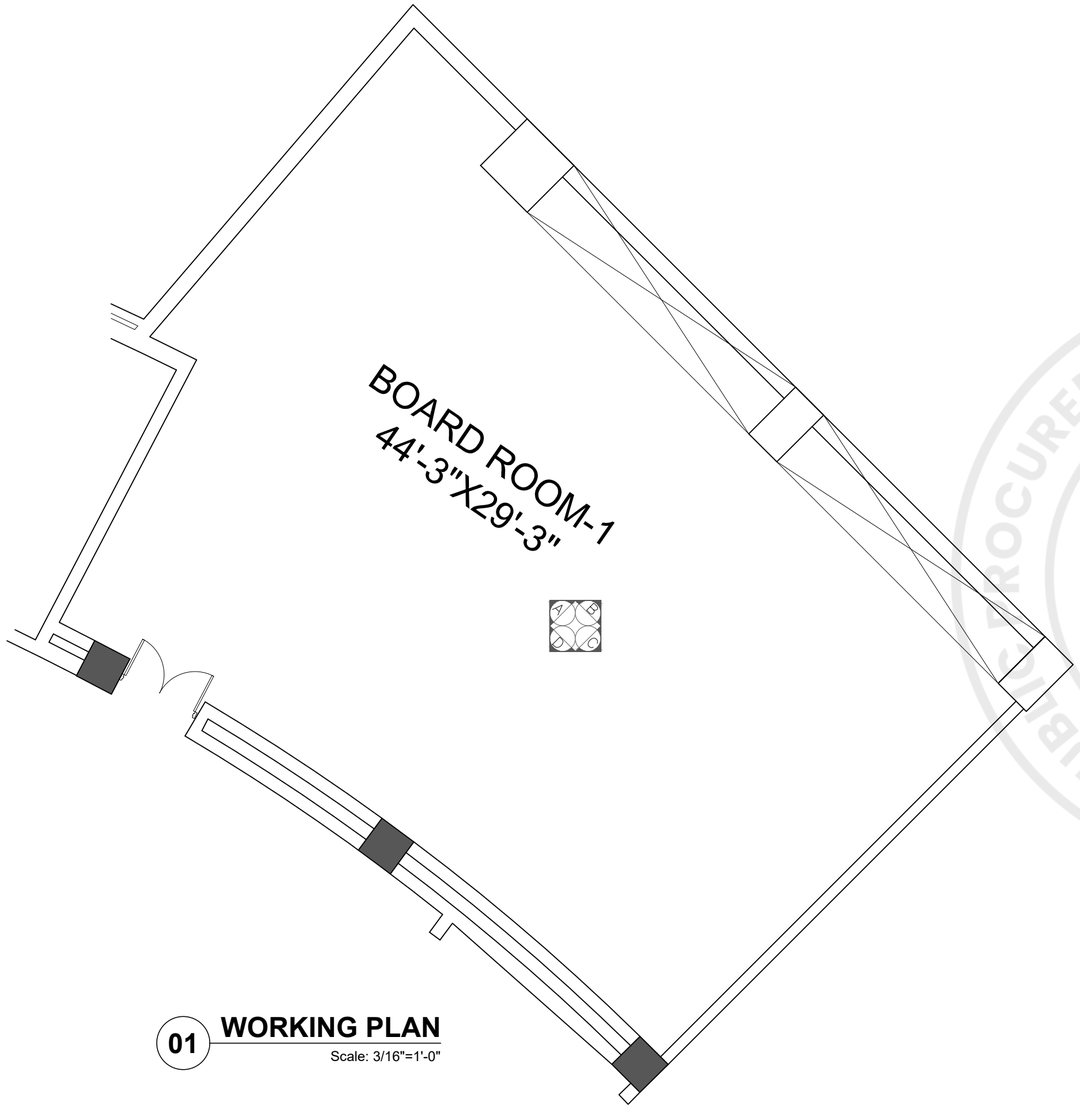
DRAWING TITLE:

BOARD ROOM
RENDER IMAGE

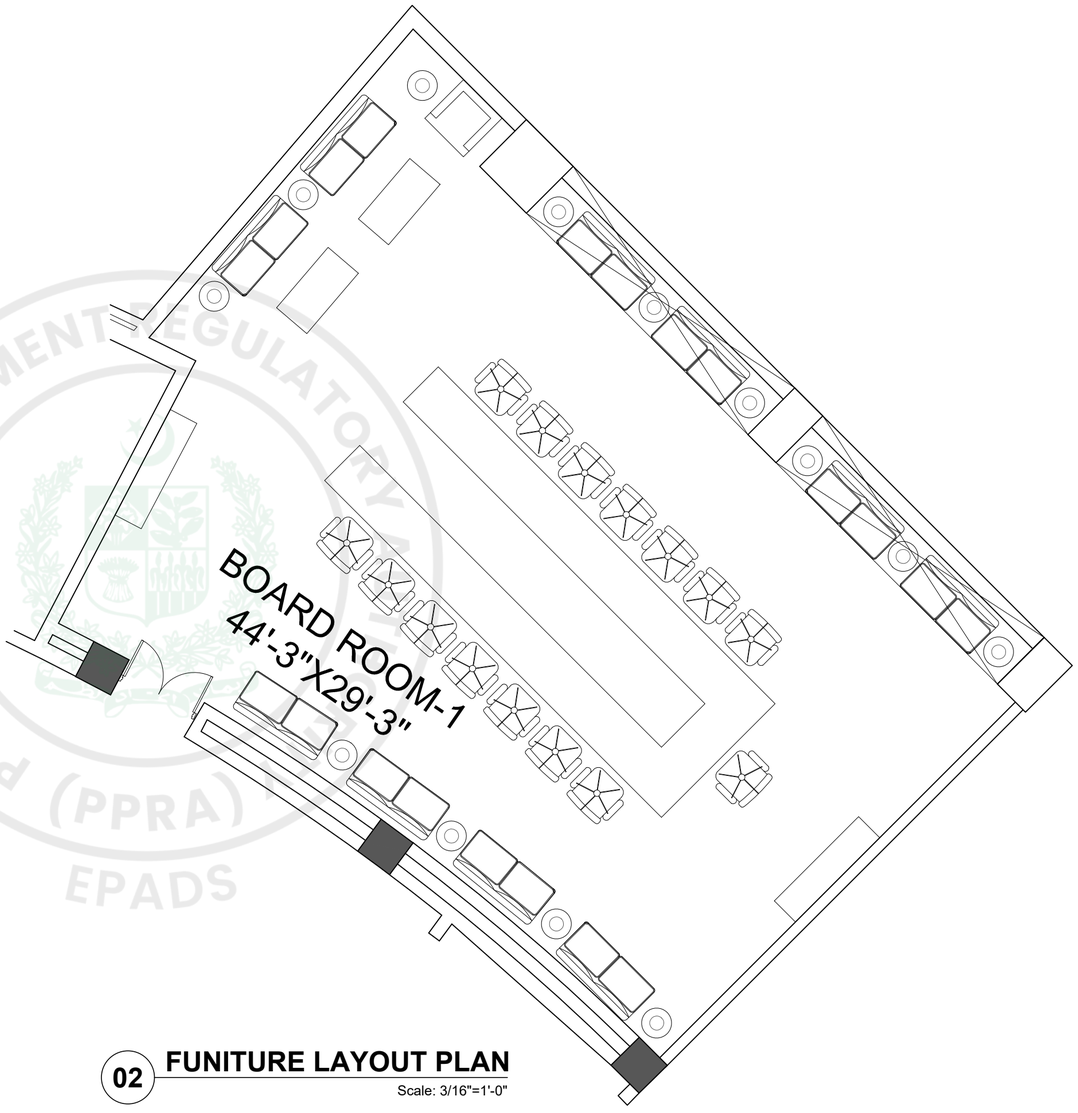
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DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:

DRAWING NO.	REVISION:
CNCCI-TD-04- A727a	00



01 **WORKING PLAN**
Scale: 3/16"=1'-0"



02 **FUNITURE LAYOUT PLAN**
Scale: 3/16"=1'-0"

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CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

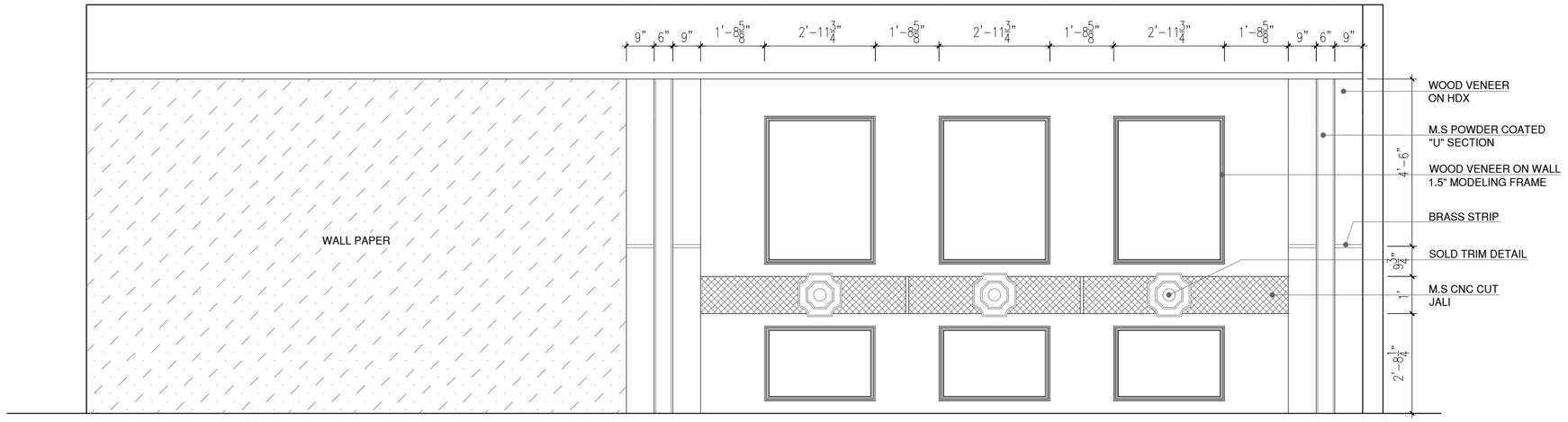
DRAWING TITLE:

BOARD ROOM DETAIL

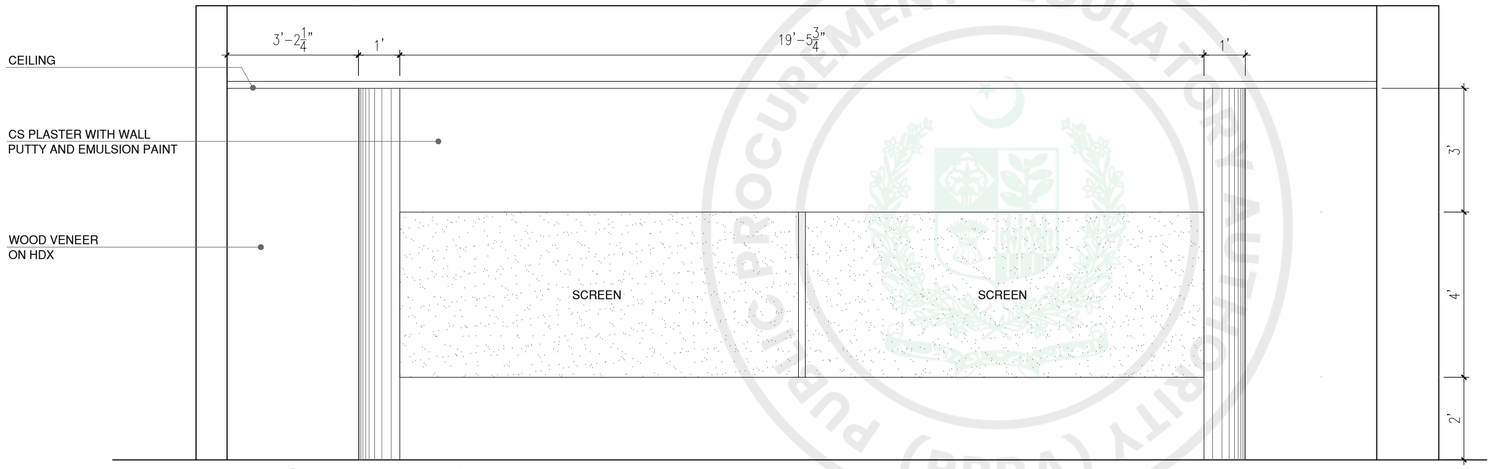
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DATE: OCTOBER, 2026	SCALE: 3/16" = 1'-0"
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CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-TD-04- A727	REVISION: 00

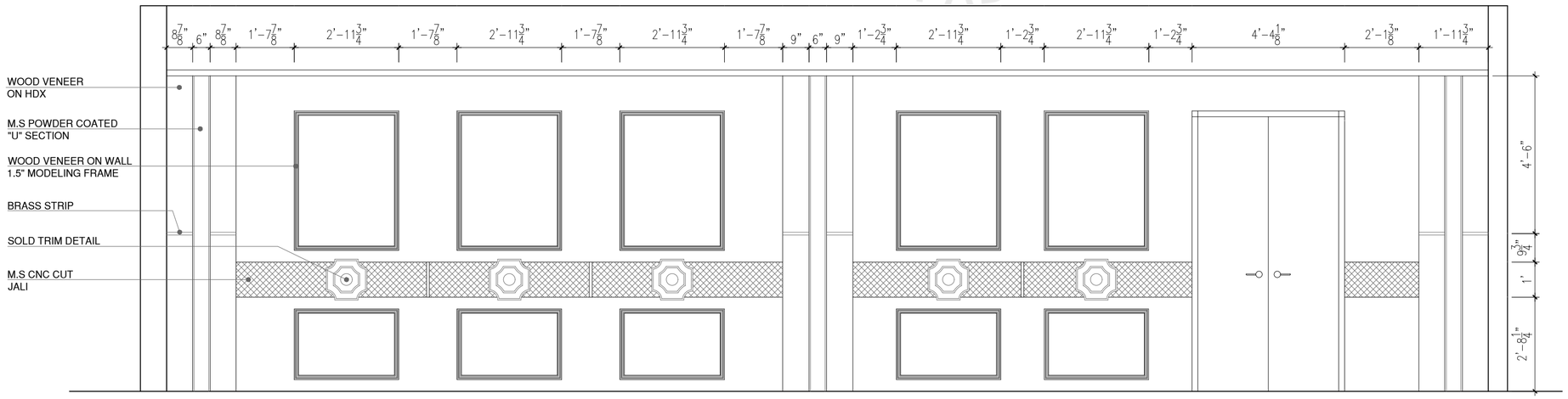
PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



A **ELEVATION**
Scale: 3/8"=1'-0"



C **ELEVATION**
Scale: 3/8"=1'-0"



D **ELEVATION**
Scale: 3/8"=1'-0"

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CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

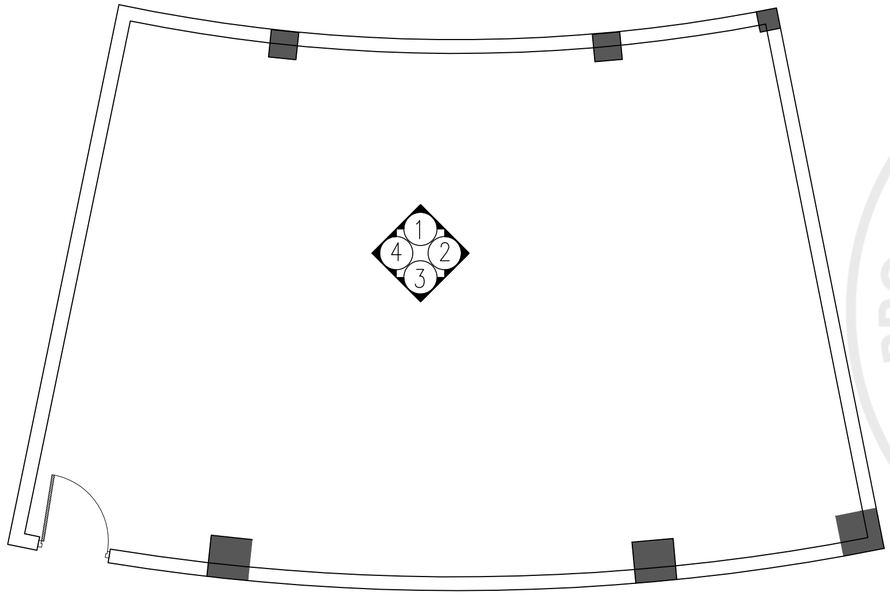
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ELEVATION A , C &D

REV.	DATE	DESCRIPTION

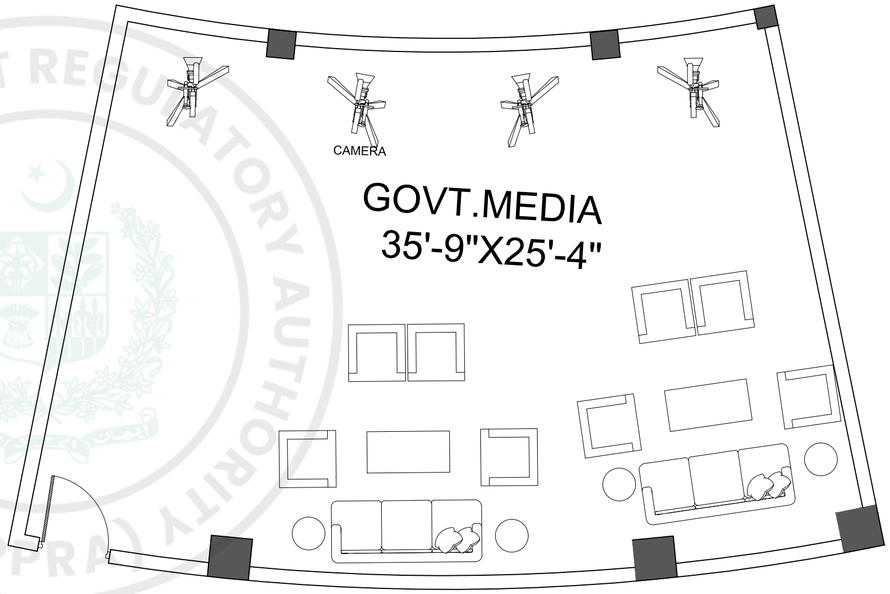
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CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-TD-04- A726	REVISION: 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



01 WORKING PLAN

Scale: 3/16"=1'-0"



02 FUNITURE LAYOUT PLAN

Scale: 3/16"=1'-0"

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

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CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

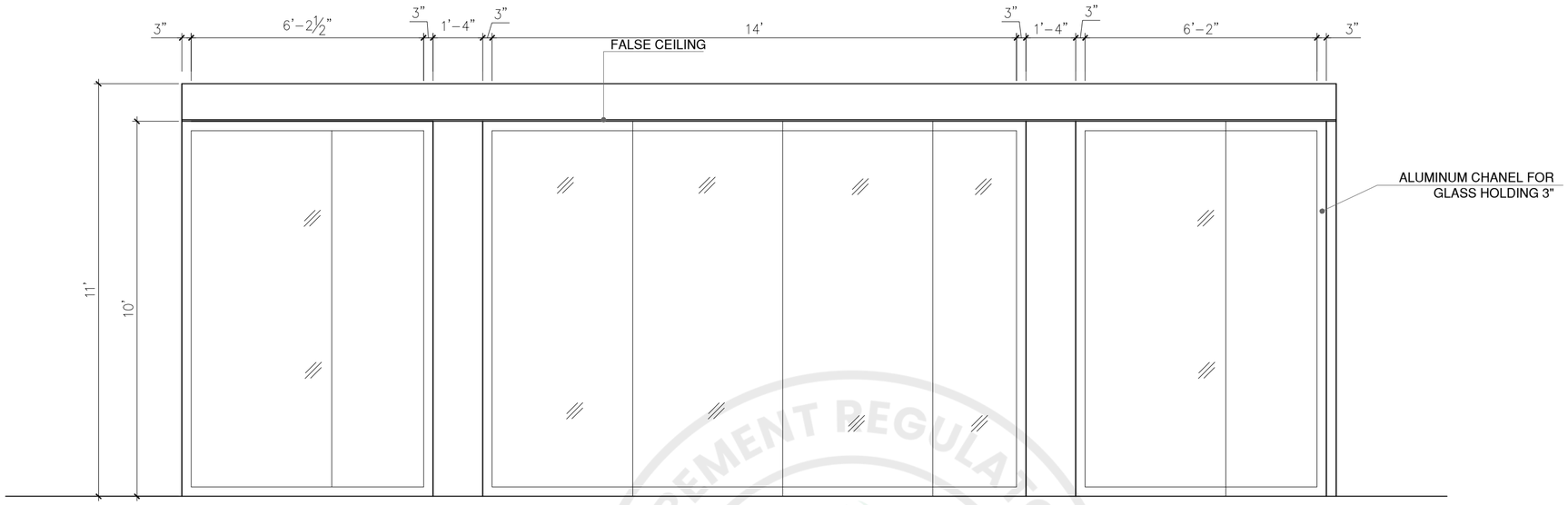
PROPOSED DRAWINGS

DRAWING TITLE:

GOVT. MEDIA ROOM DETAIL

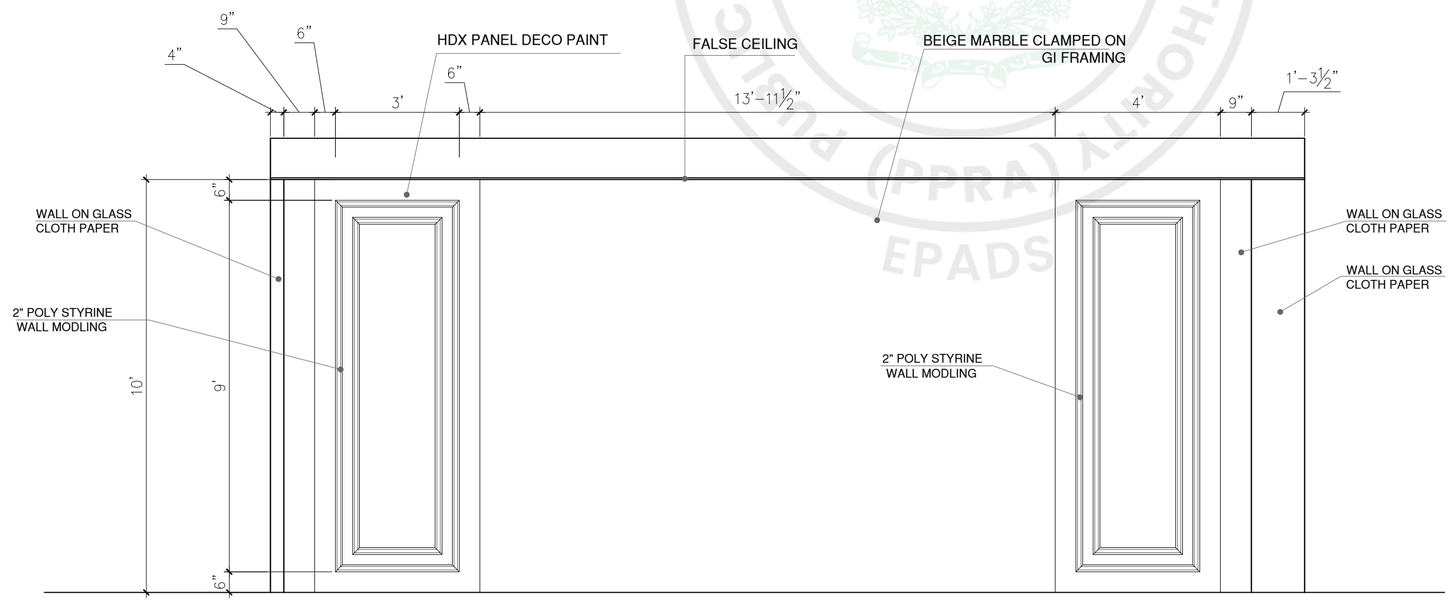
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DRAWING NO. CNCCI-TD-04- A727	REVISION: 00



01 ELEVATION

Scale: 3/8"=1'-0"



02 ELEVATION

Scale: 3/8"=1'-0"

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CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

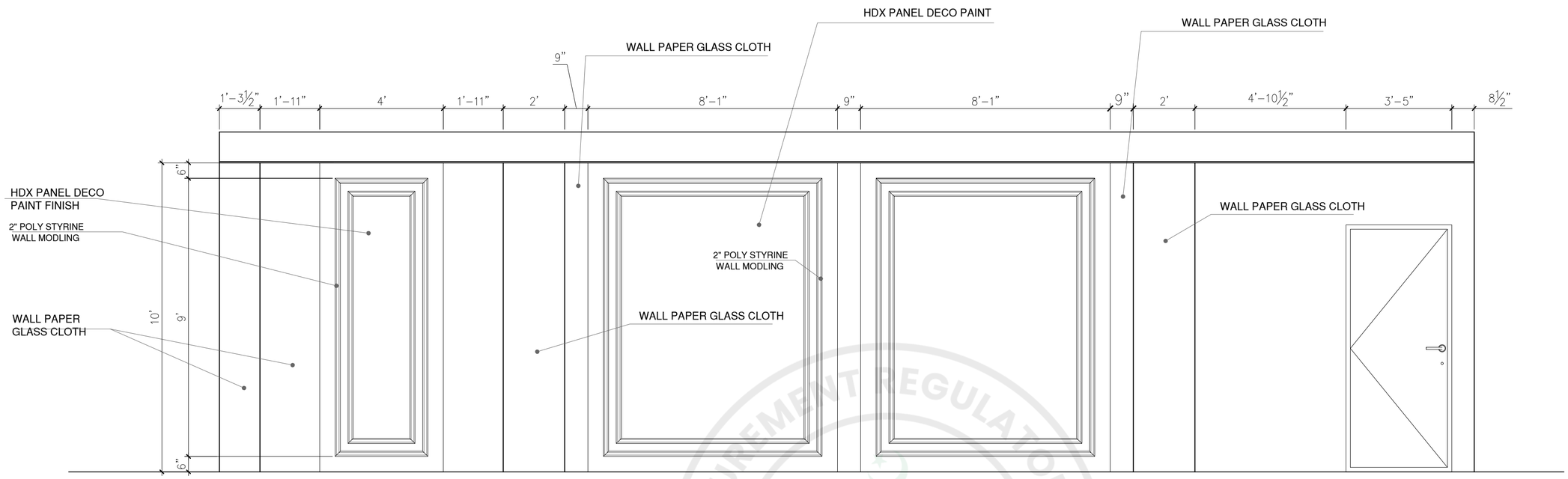
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ELEVATION 01&02

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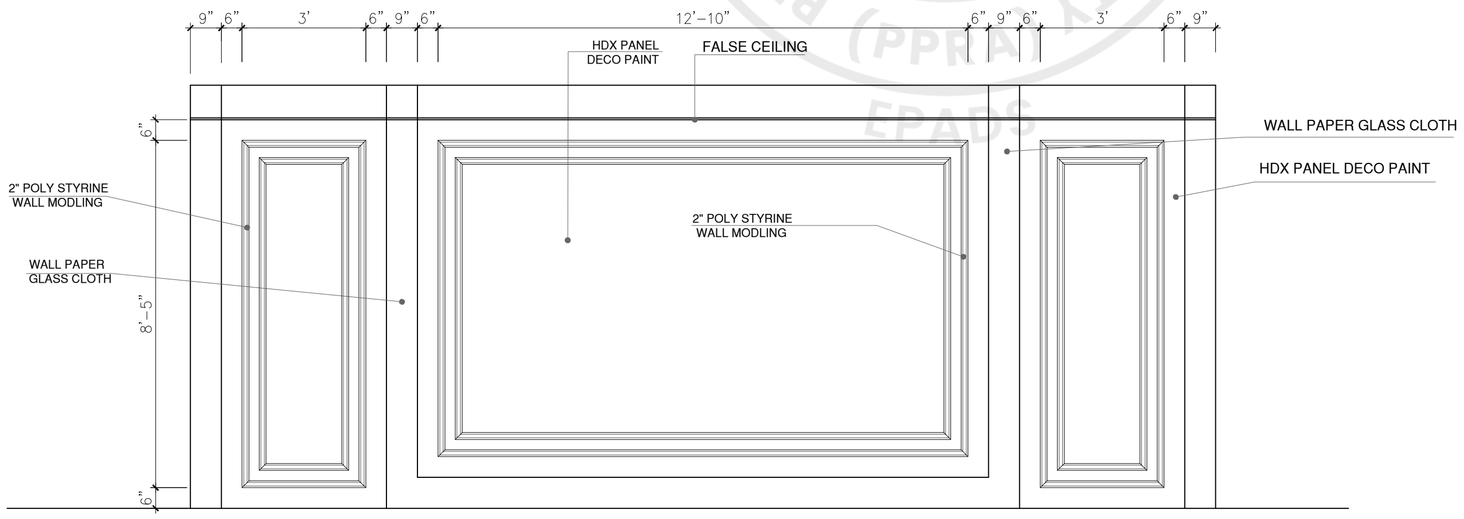
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CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-TD-04- A729	REVISION: 00

PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



03 ELEVATION

Scale: 3/8"=1'-0"



04 ELEVATION

Scale: 3/8"=1'-0"

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CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

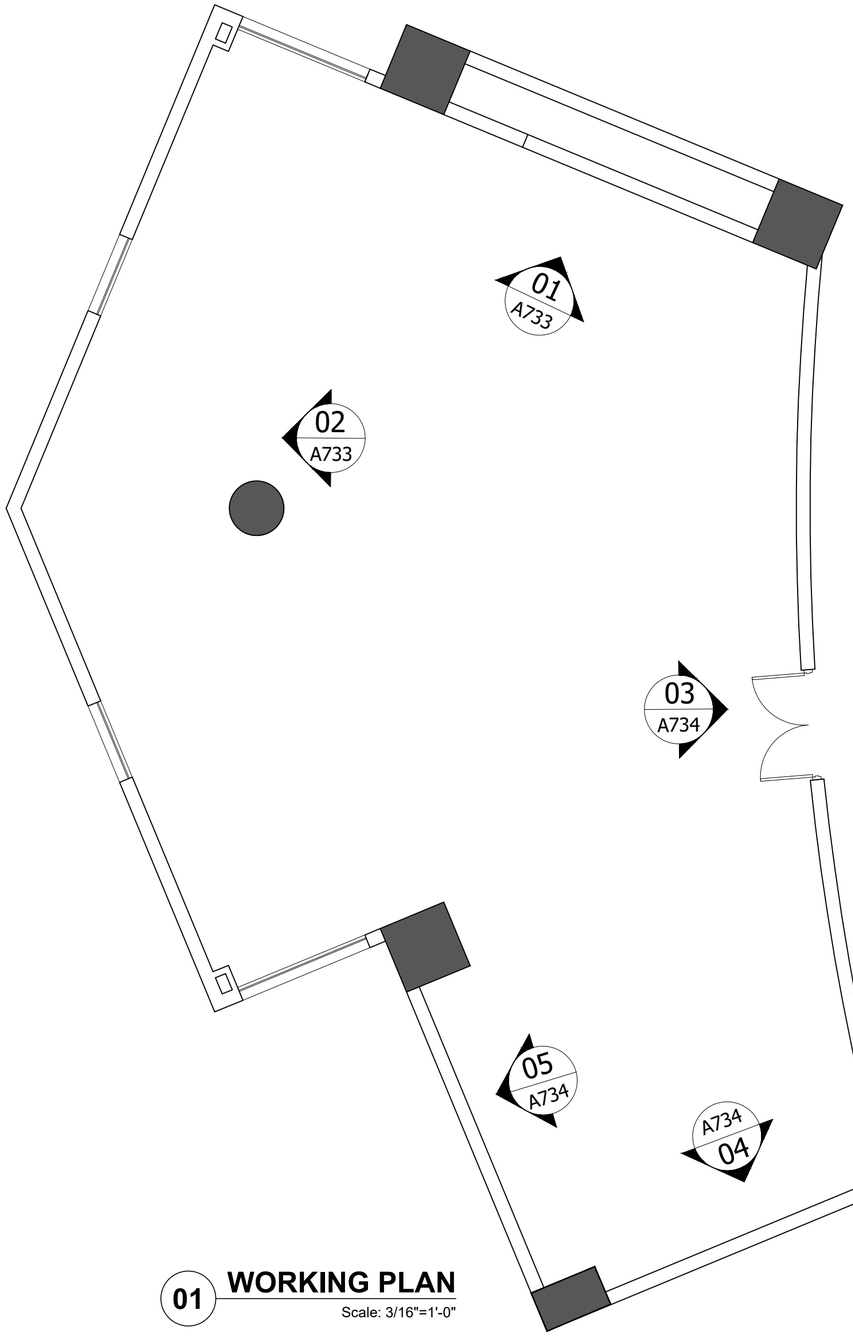
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ELEVATION 03 & 04

REV.	DATE	DESCRIPTION

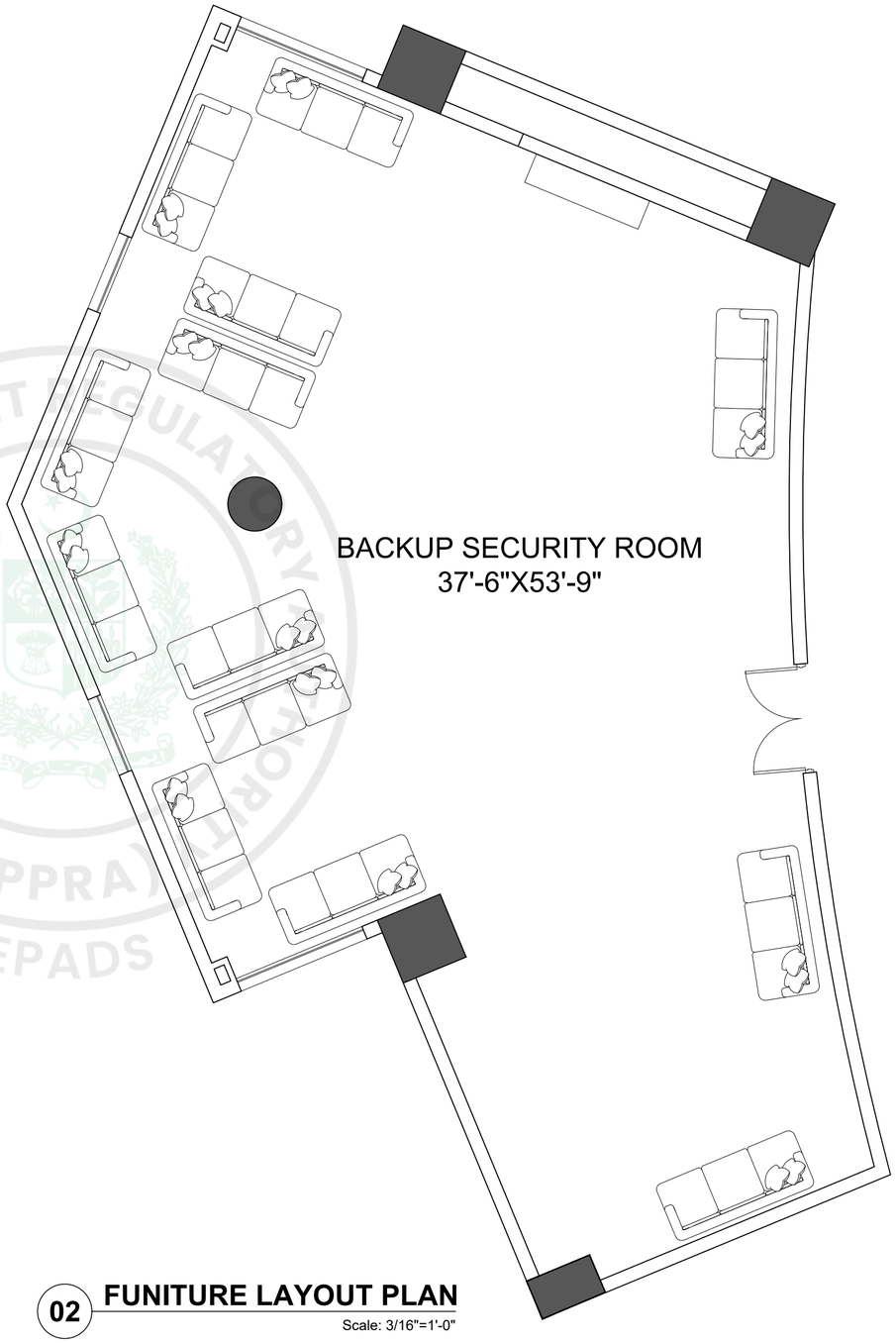
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CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-TD-04- A731	REVISION: 00

PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



01 **WORKING PLAN**

Scale: 3/16"=1'-0"



02 **FUNITURE LAYOUT PLAN**

Scale: 3/16"=1'-0"

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA)
EPADS

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KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

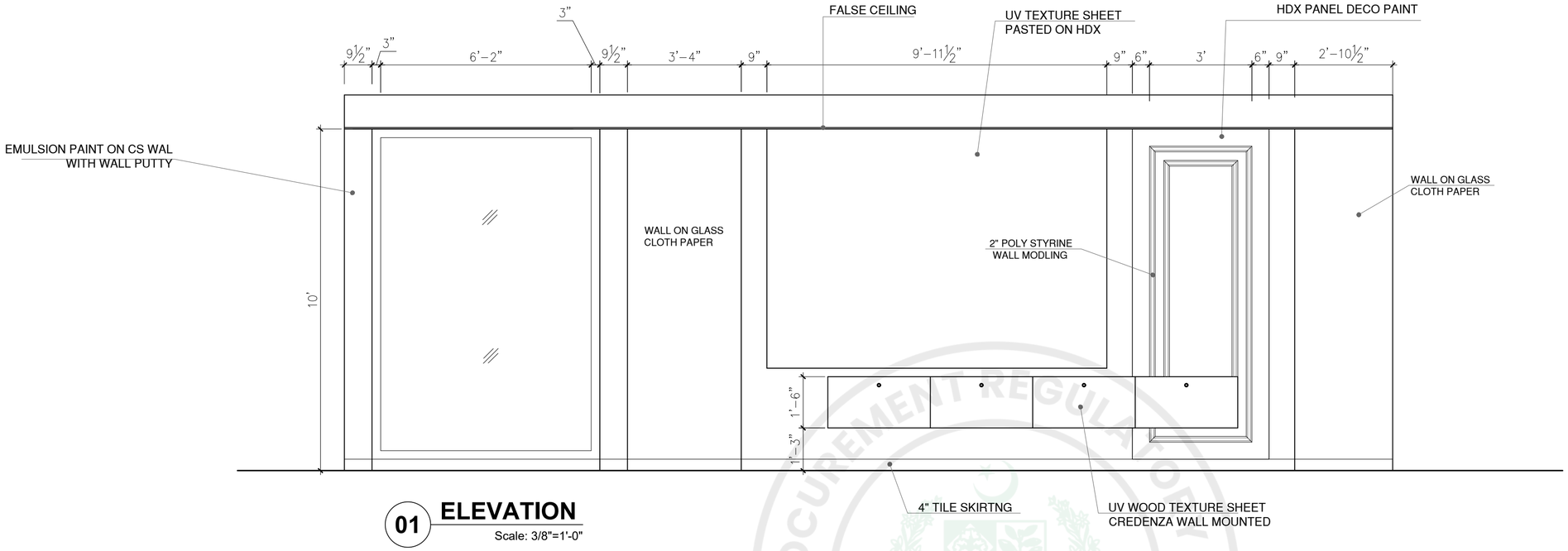
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BACKUP SCURITY ROOM DETAIL

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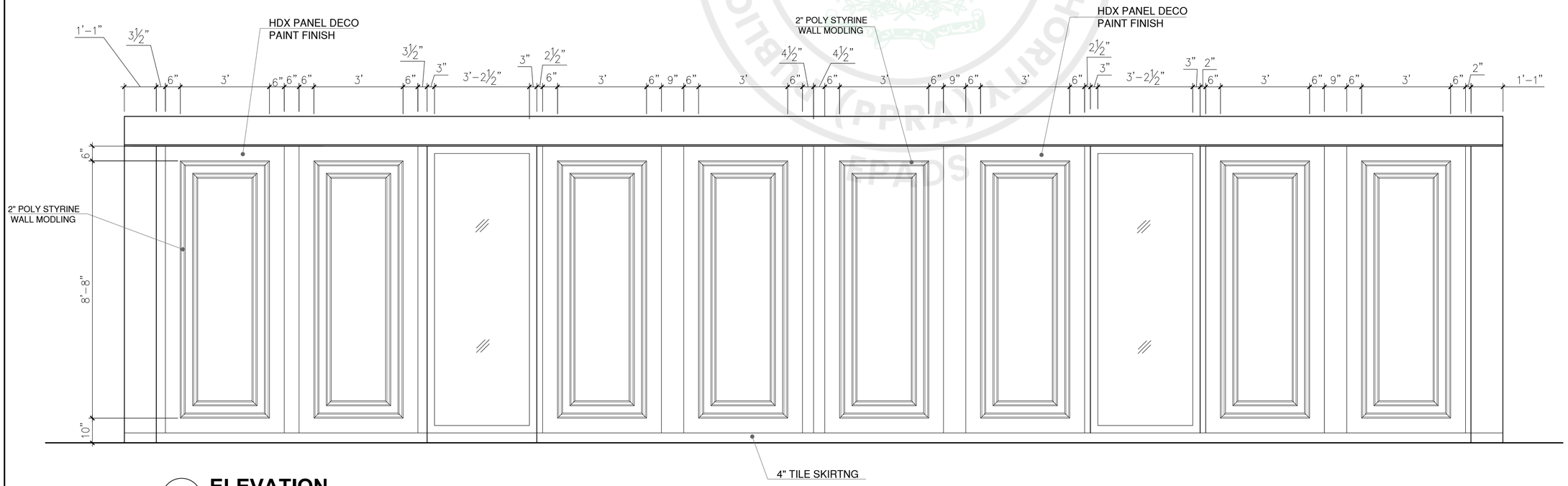
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DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:

DRAWING NO.	REVISION:
CNCCI-TD-04- A732	00



01 ELEVATION

Scale: 3/8"=1'-0"



02 ELEVATION

Scale: 3/8"=1'-0"

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CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

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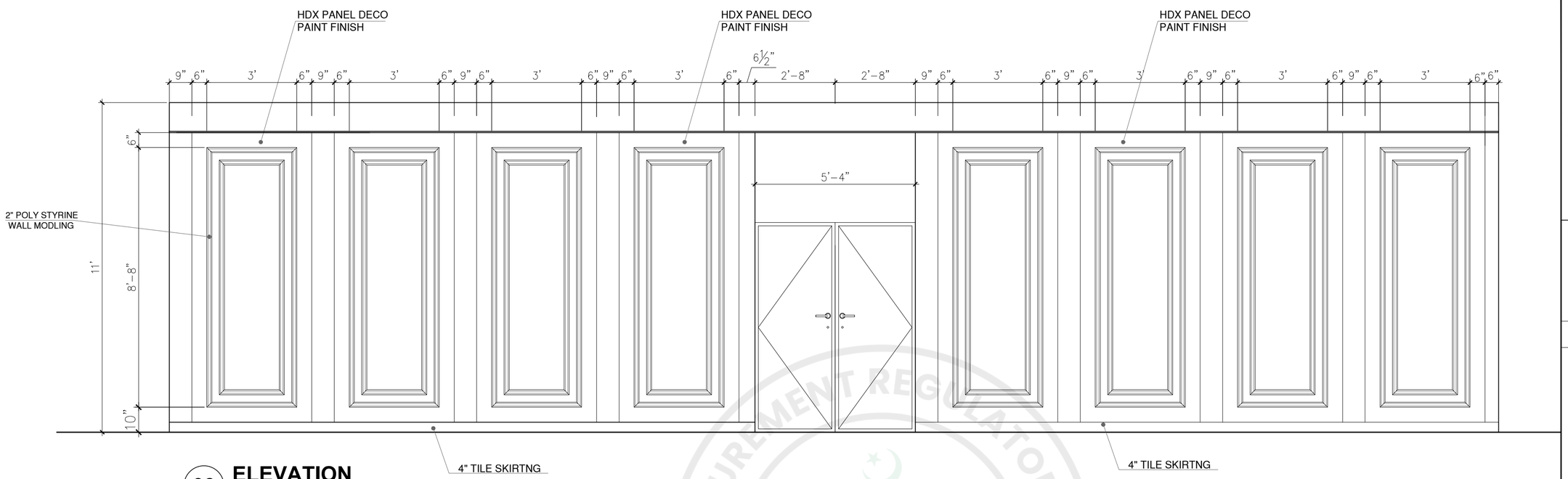
DRAWING TITLE:

ELEVATION 01&02

REV.	DATE	DESCRIPTION

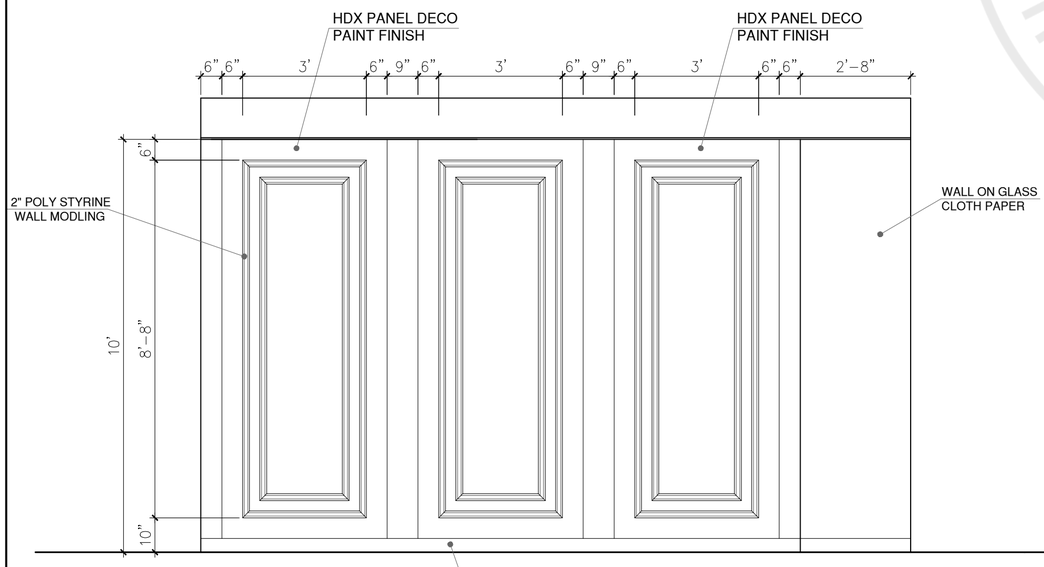
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DRAWING NO. CNCCI-TD-04- A733	REVISION: 00

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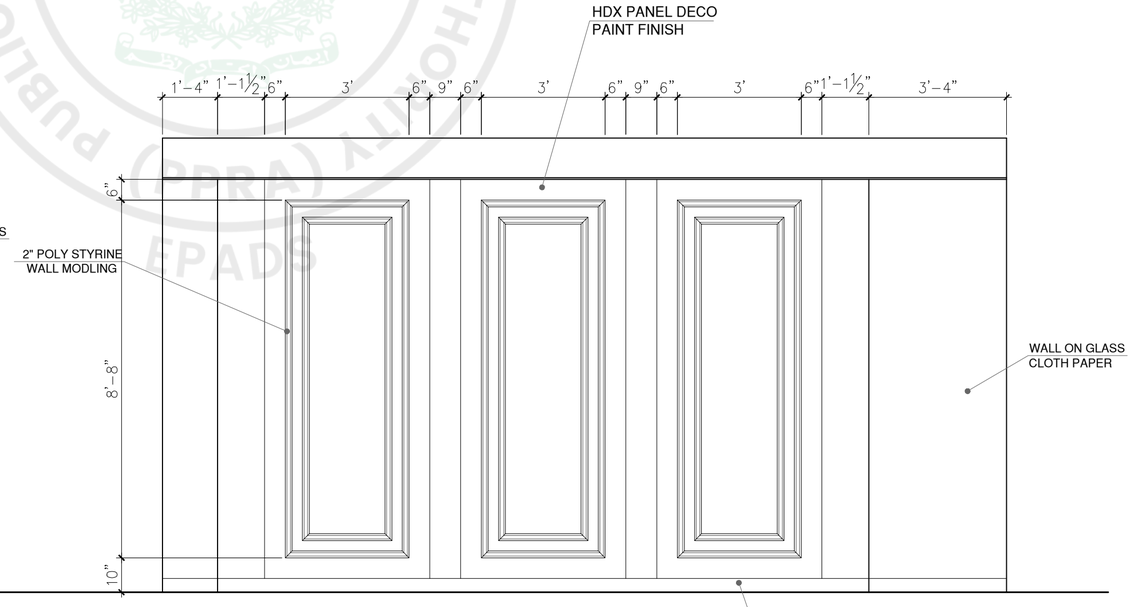
03 ELEVATION

Scale: 3/8"=1'-0"



04 ELEVATION

Scale: 3/8"=1'-0"



05 ELEVATION

Scale: 3/8"=1'-0"

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CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

ELEVATION 03,04 & 05

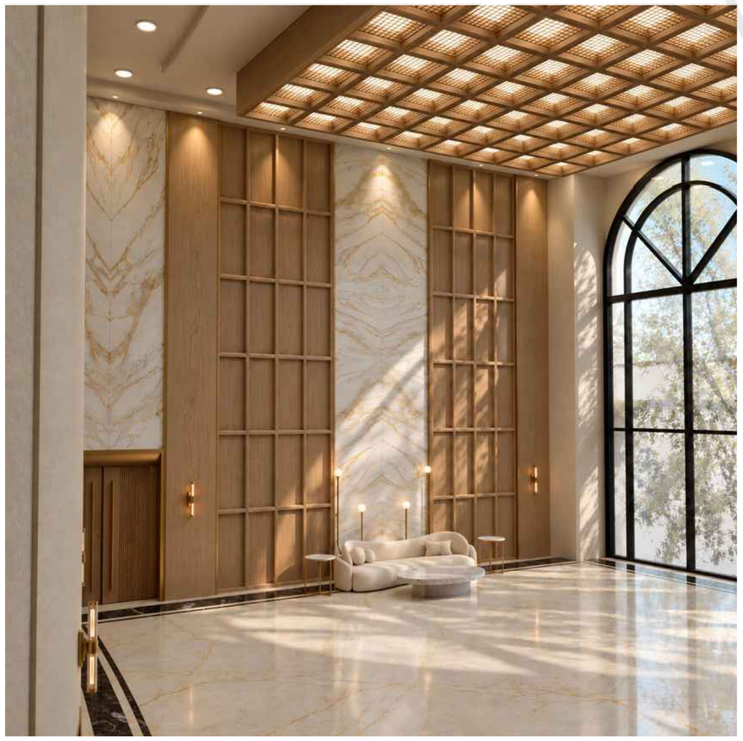
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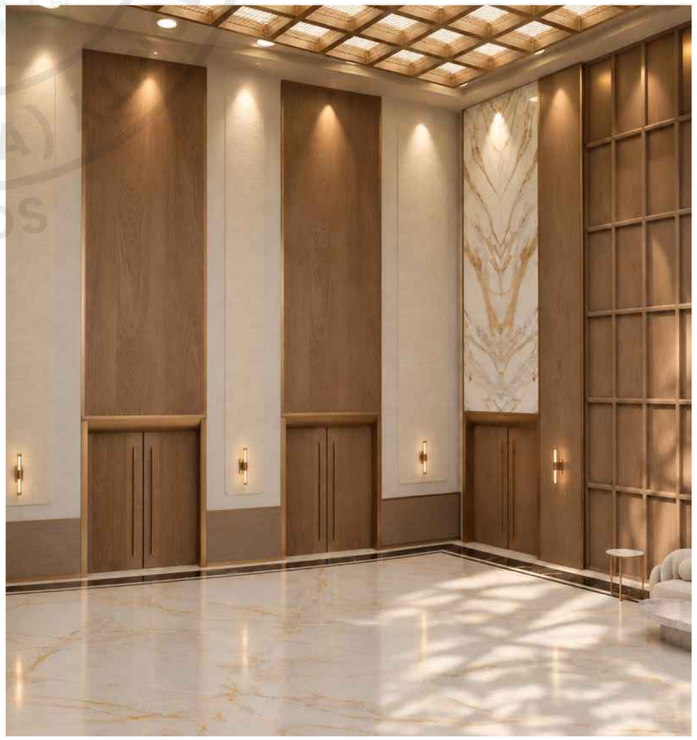
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CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-TD-04- A734	REVISION: 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS









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CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

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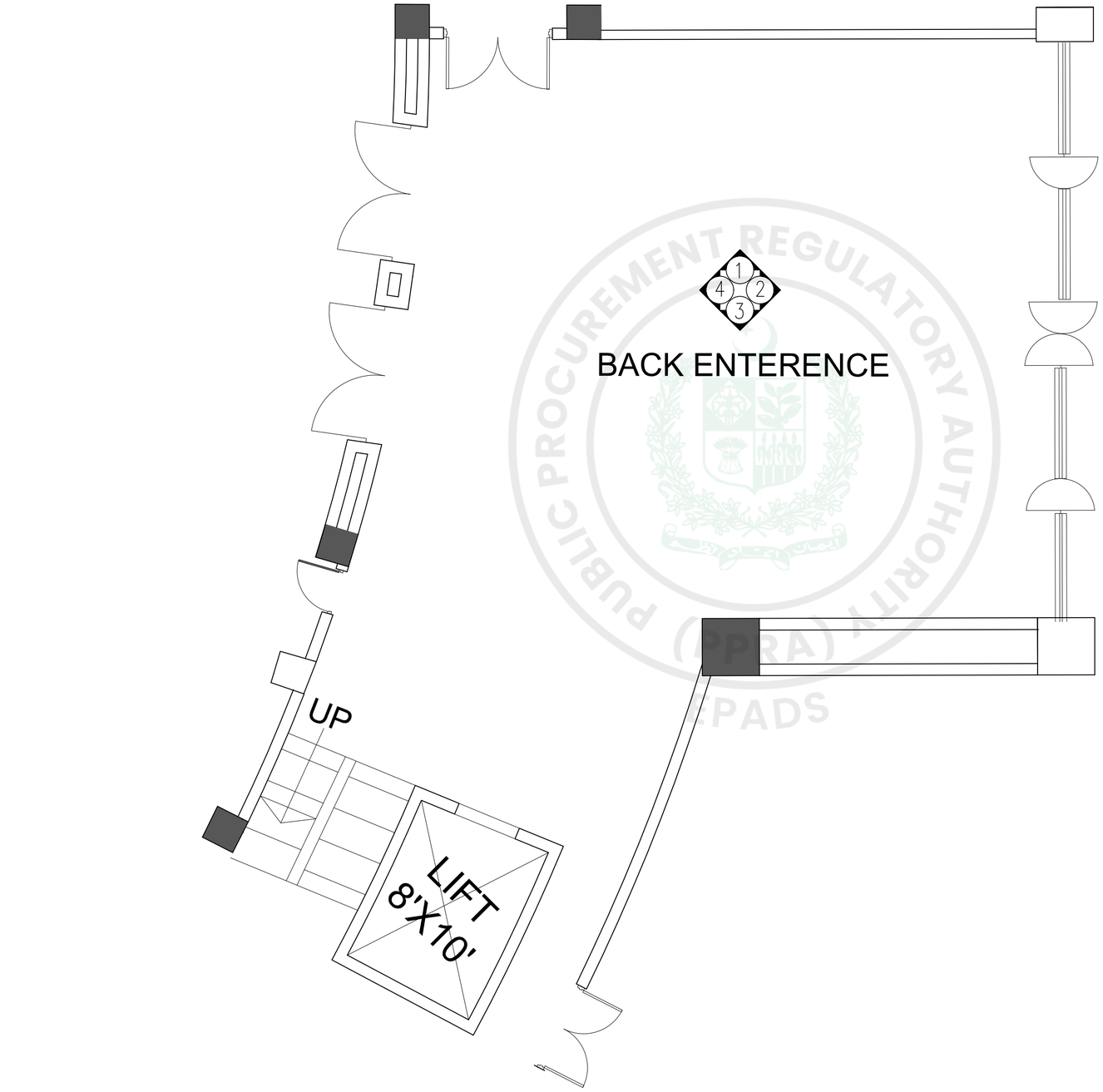
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REV.	DATE	DESCRIPTION

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DRAWING NO.	REVISION:
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PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



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CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

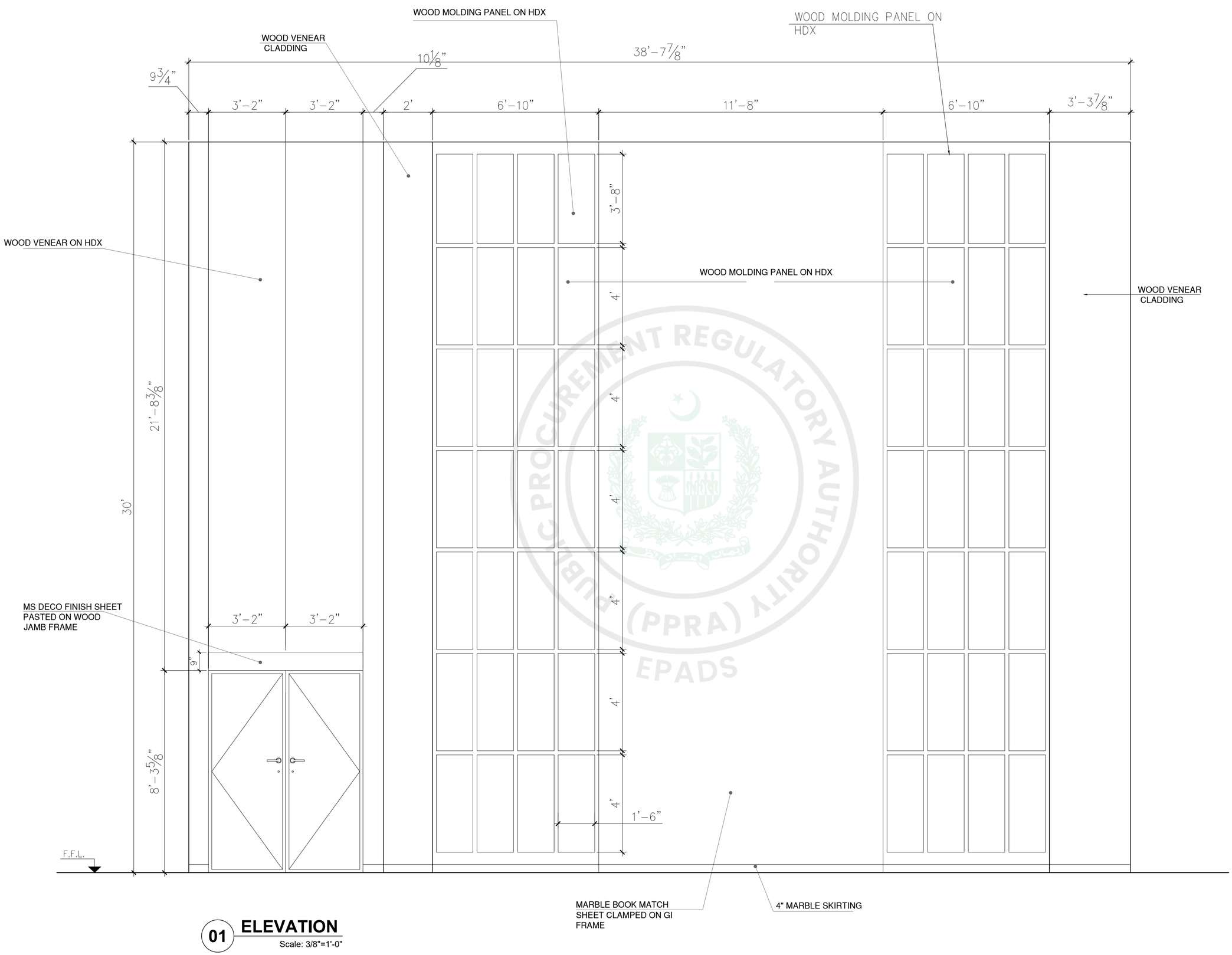
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BACK ENT. LOBBY DETAIL

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 3/16" = 1'-0"
DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-TD-04- A735	REVISION: 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



01 ELEVATION
Scale: 3/8"=1'-0"

GENERAL NOTES:

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12. PLEASE VERIFY THE ROAD LEVELS WITH REFERENCE TO GRADING PLAN AS IT VARIES AT VARIOUS LOCATIONS /ENTRANCES OF THE BUILDING.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

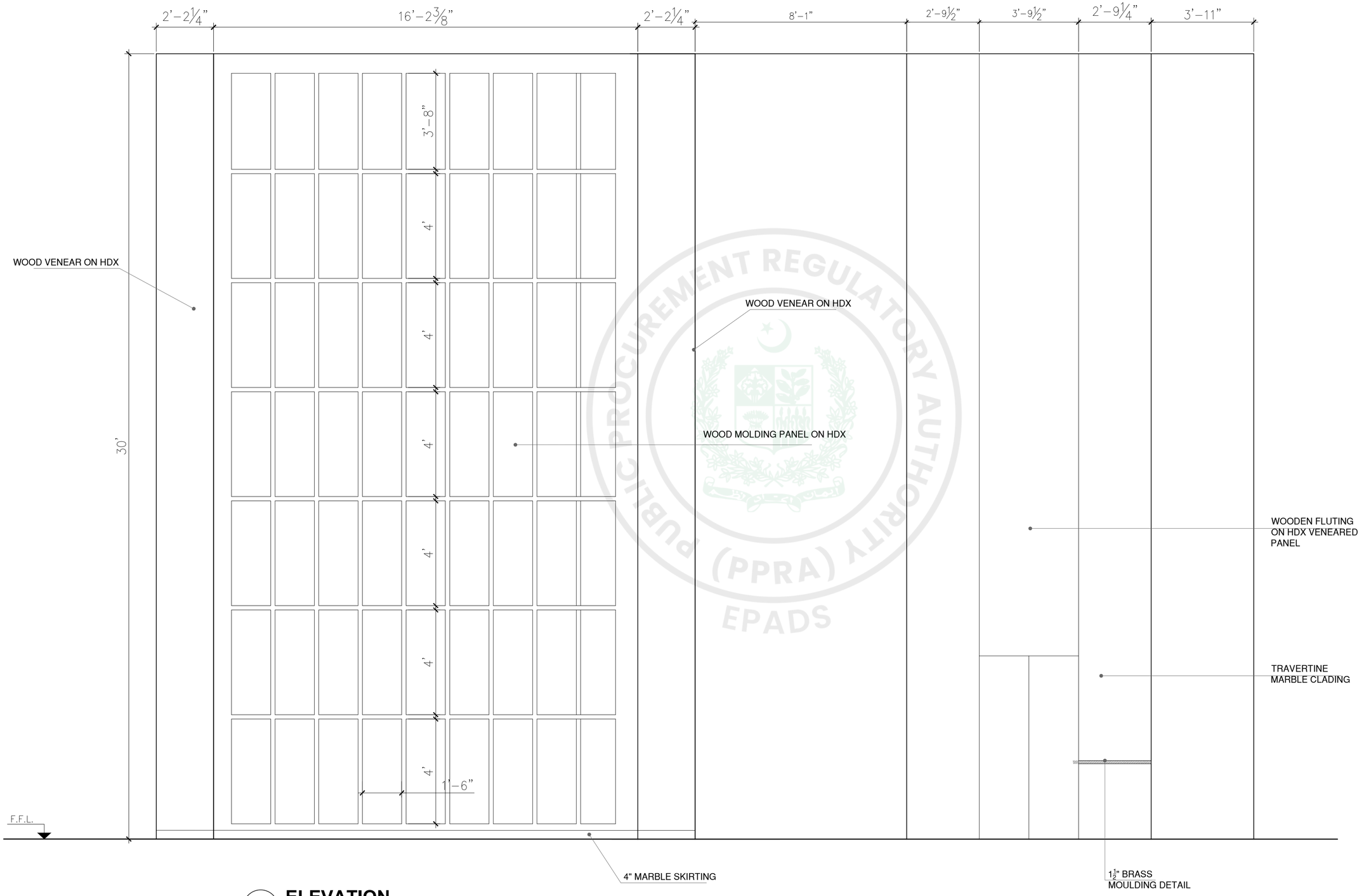
DRAWING TITLE:

ELEVATION 01

REV.	DATE	DESCRIPTION

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DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-TD-04- A736	REVISION: 00

PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



03 ELEVATION
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CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

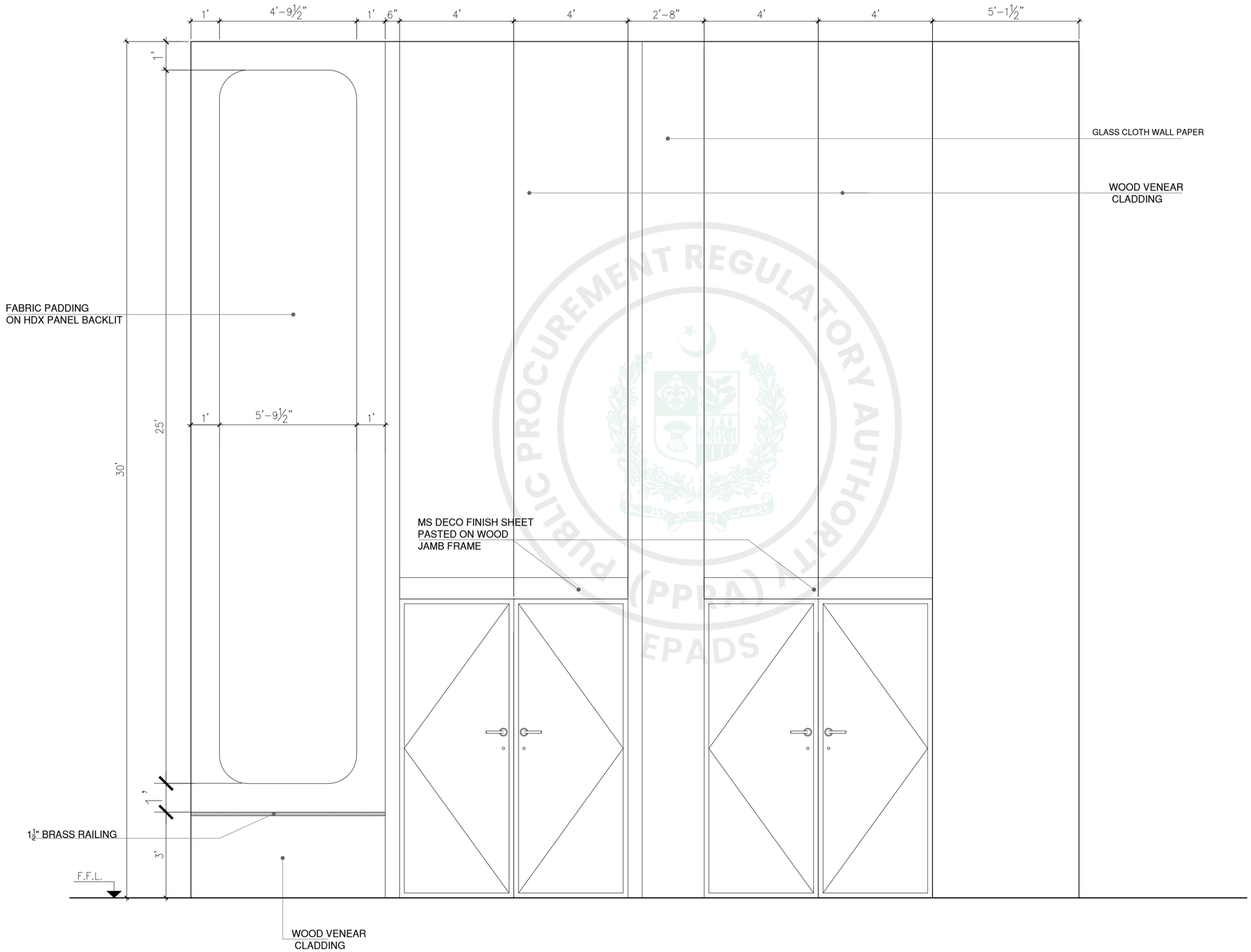
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ELEVATION 03

REV.	DATE	DESCRIPTION

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DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-TD-04- A737	REVISION: 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



04 ELEVATION

Scale: 3/8"=1'-0"

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CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

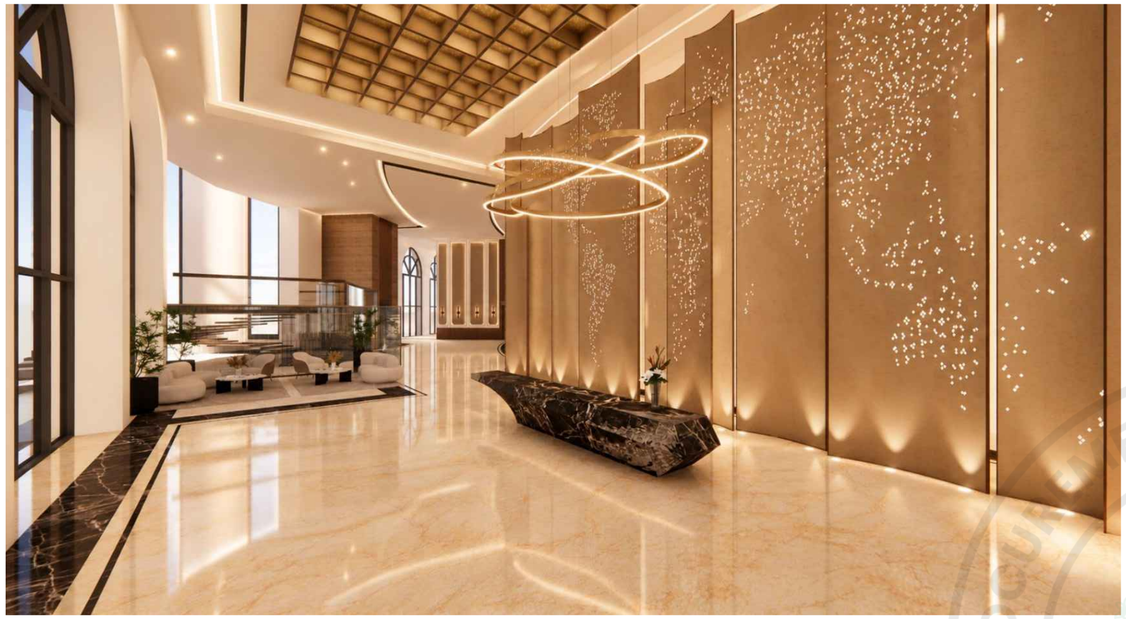
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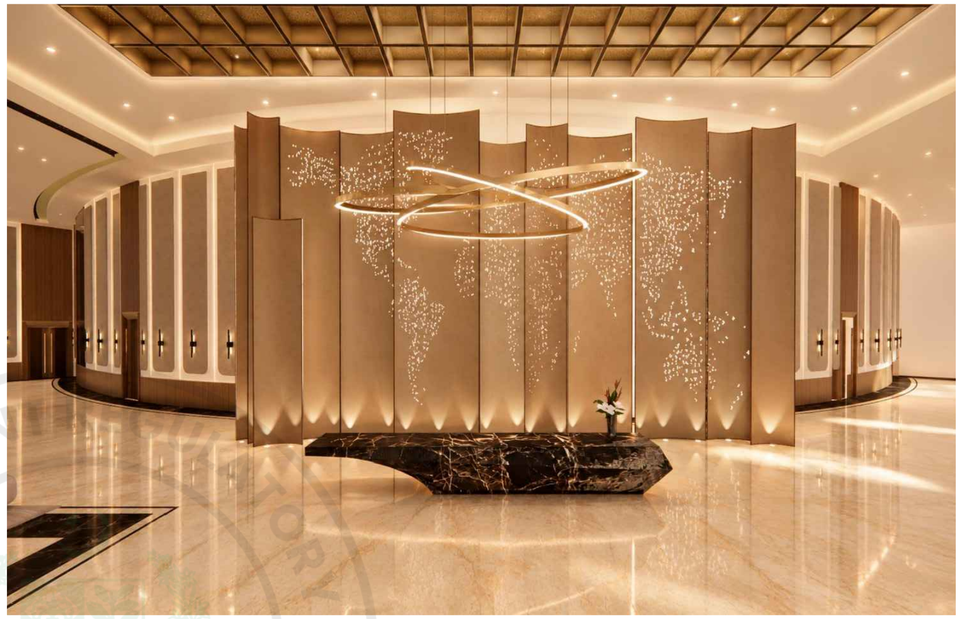
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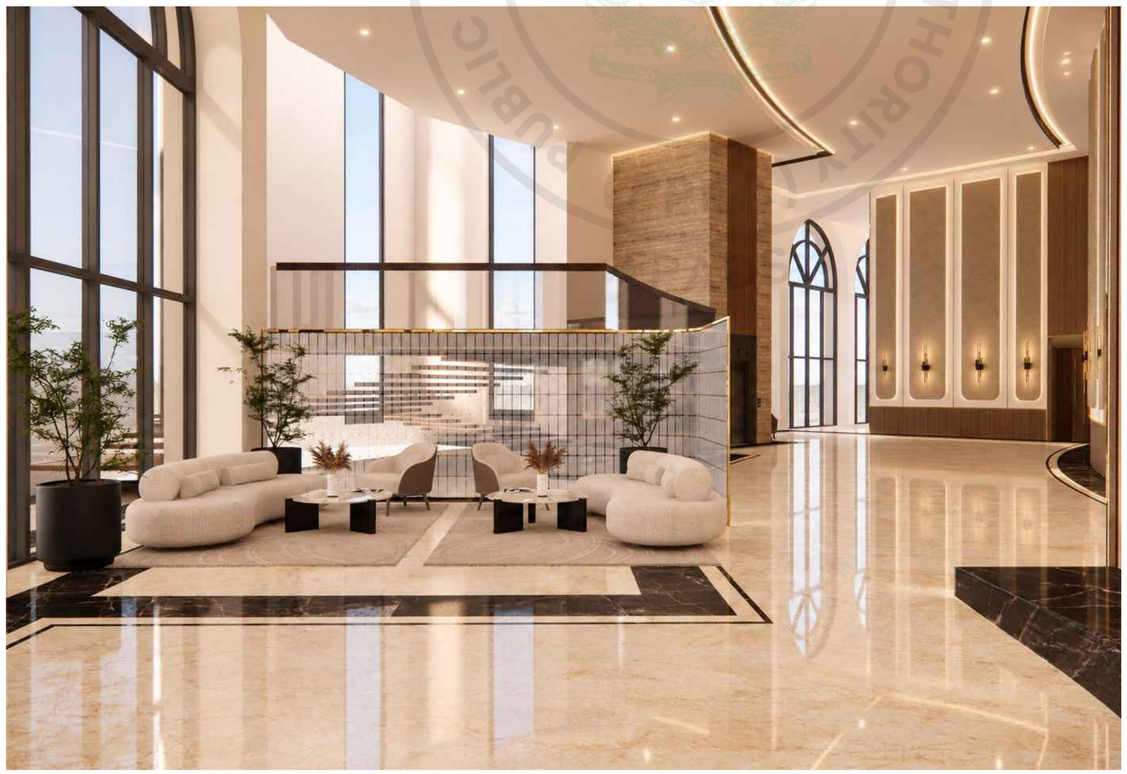
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CHECKED BY:	APPROVED BY:

DRAWING NO. CNCCI-TD-04- A738	REVISION: 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS







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CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

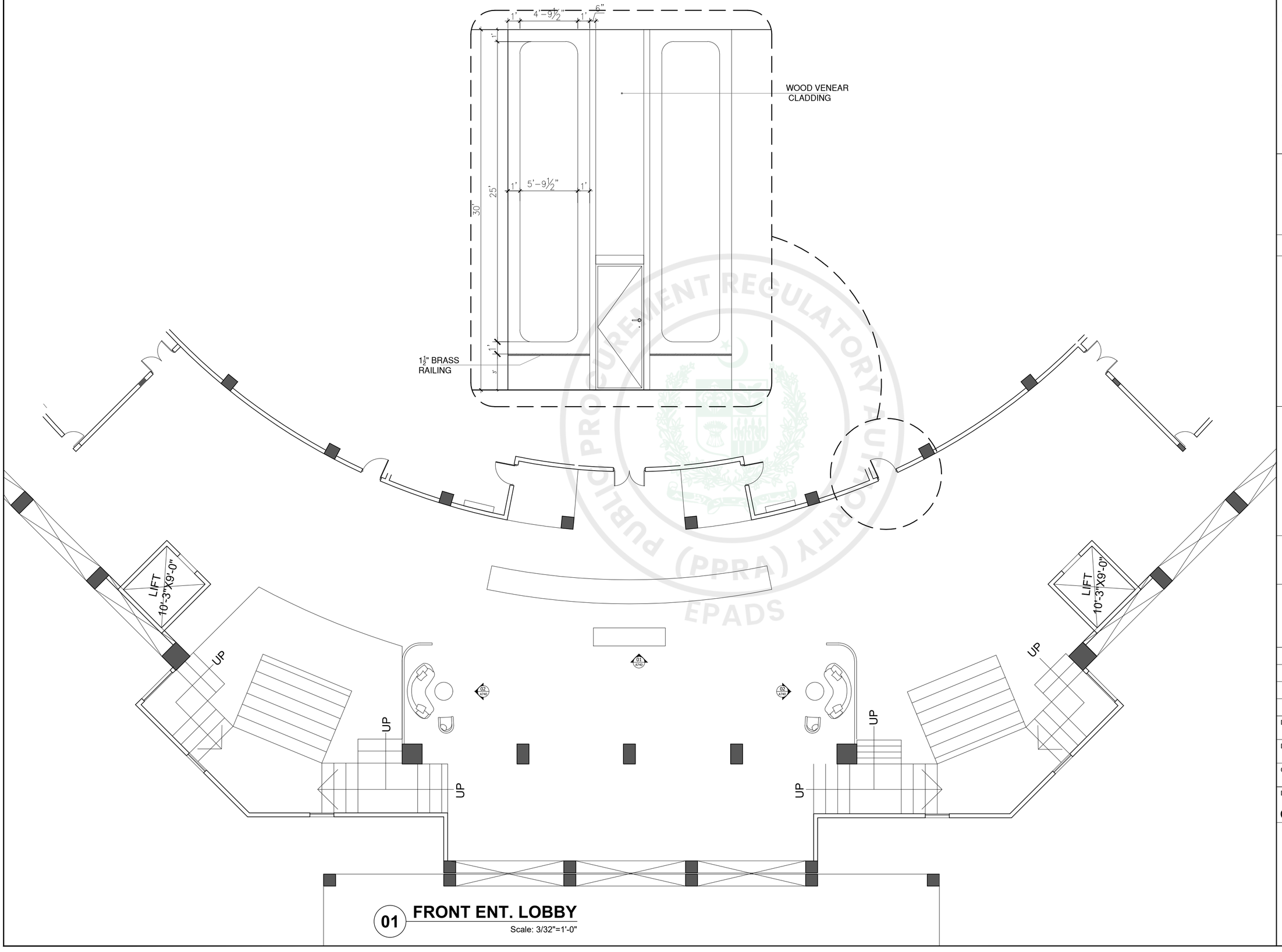
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MAIN ENT.LOBBY
RENDER IMAGE

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE:
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DRAWING NO. CNCCI-TD-04- A739a	REVISION: 00

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01 FRONT ENT. LOBBY

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PROJECT:

CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

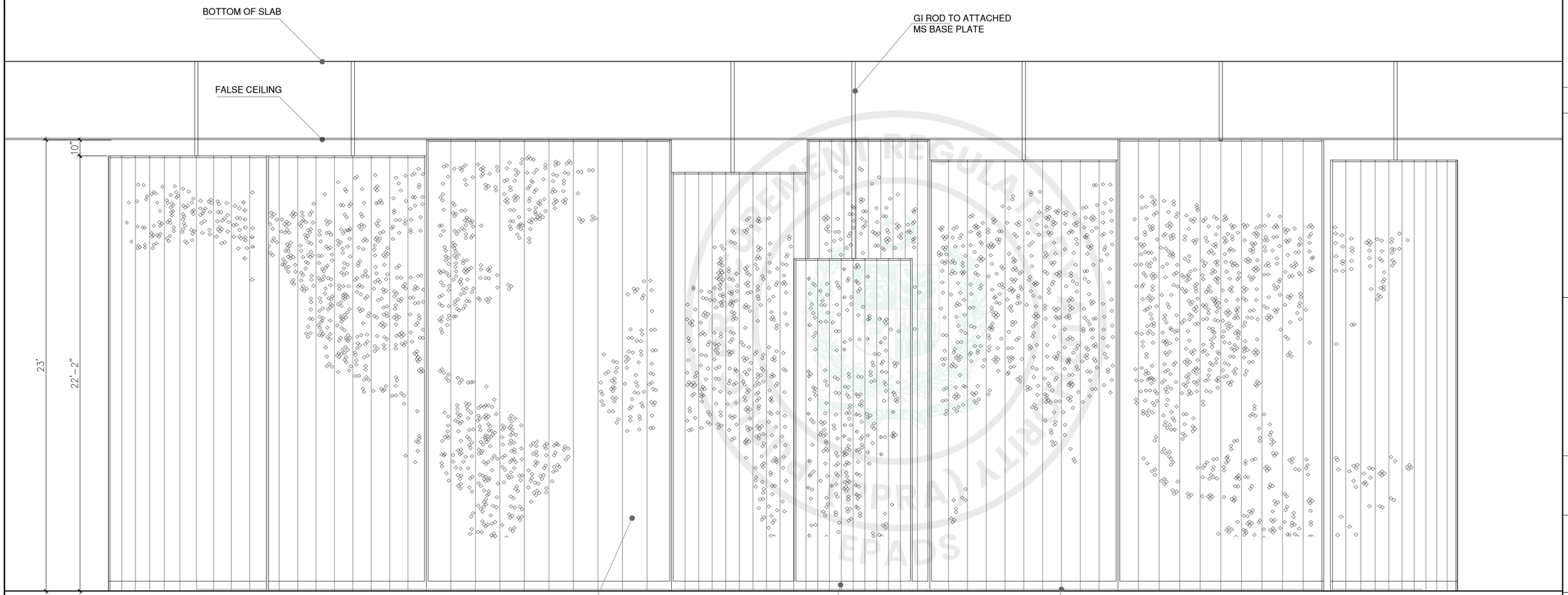
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MAIN ENT.LOBBY DETAIL

REV.	DATE	DESCRIPTION

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CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-TD-04- A739	REVISION: 00

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01 ELEVATION

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CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

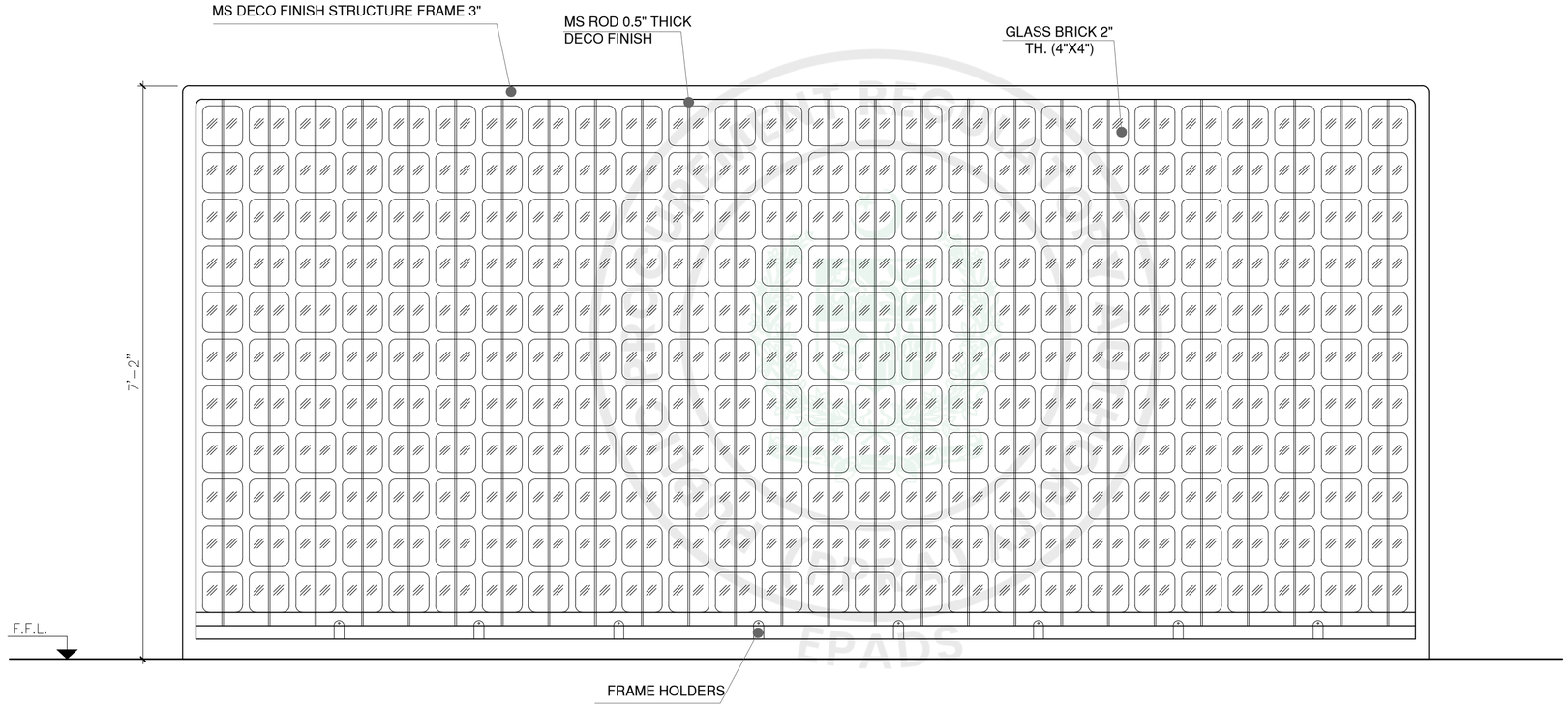
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ELEVATION 01

REV.	DATE	DESCRIPTION

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02 ELEVATION

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PROPOSED DRAWINGS

DRAWING TITLE:

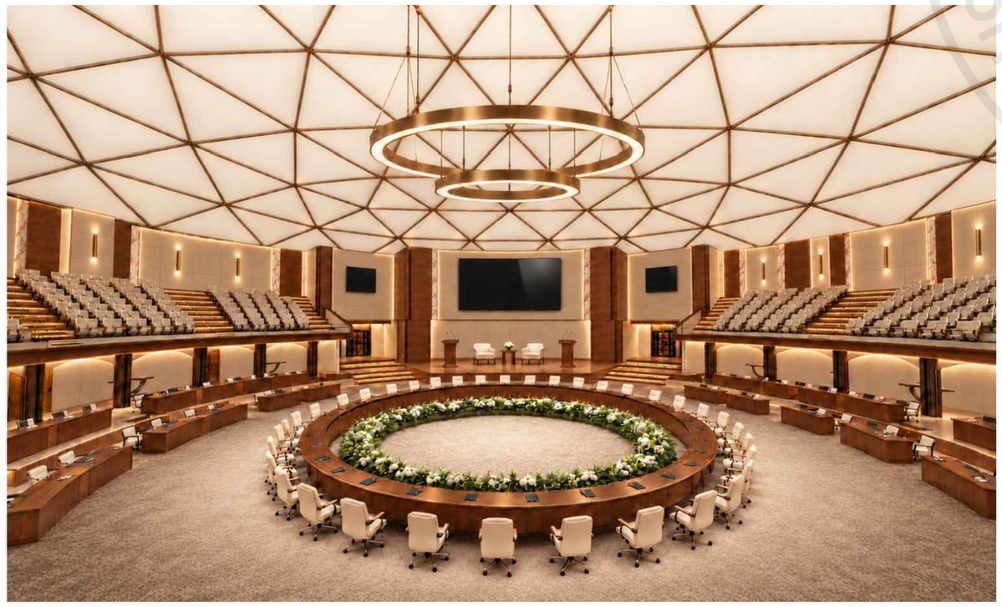
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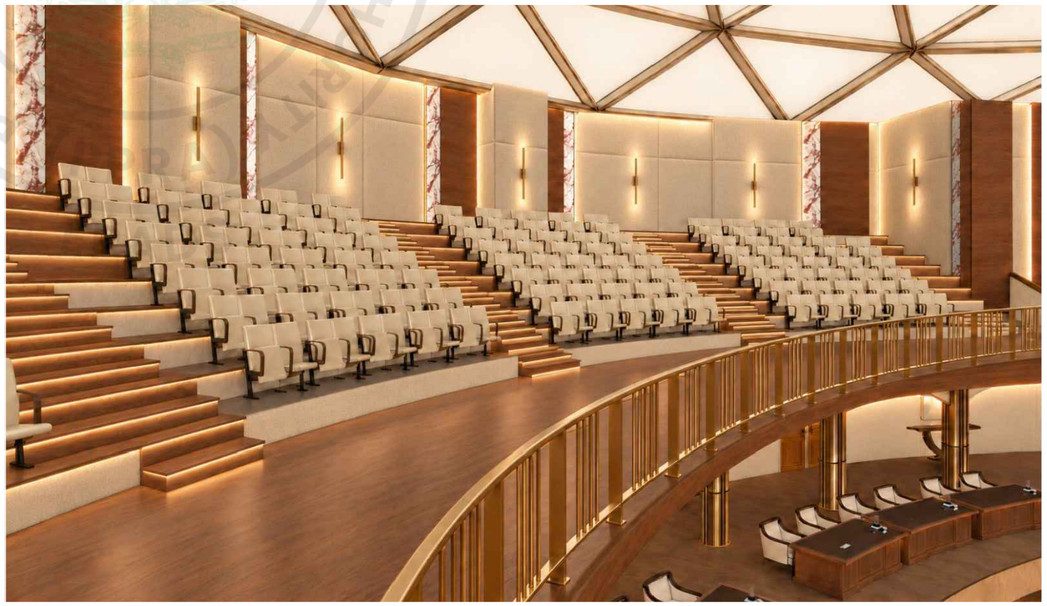
REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 3/4" = 1'-0"
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DRAWING NO. CNCCI-TD-04- A741	REVISION: 00

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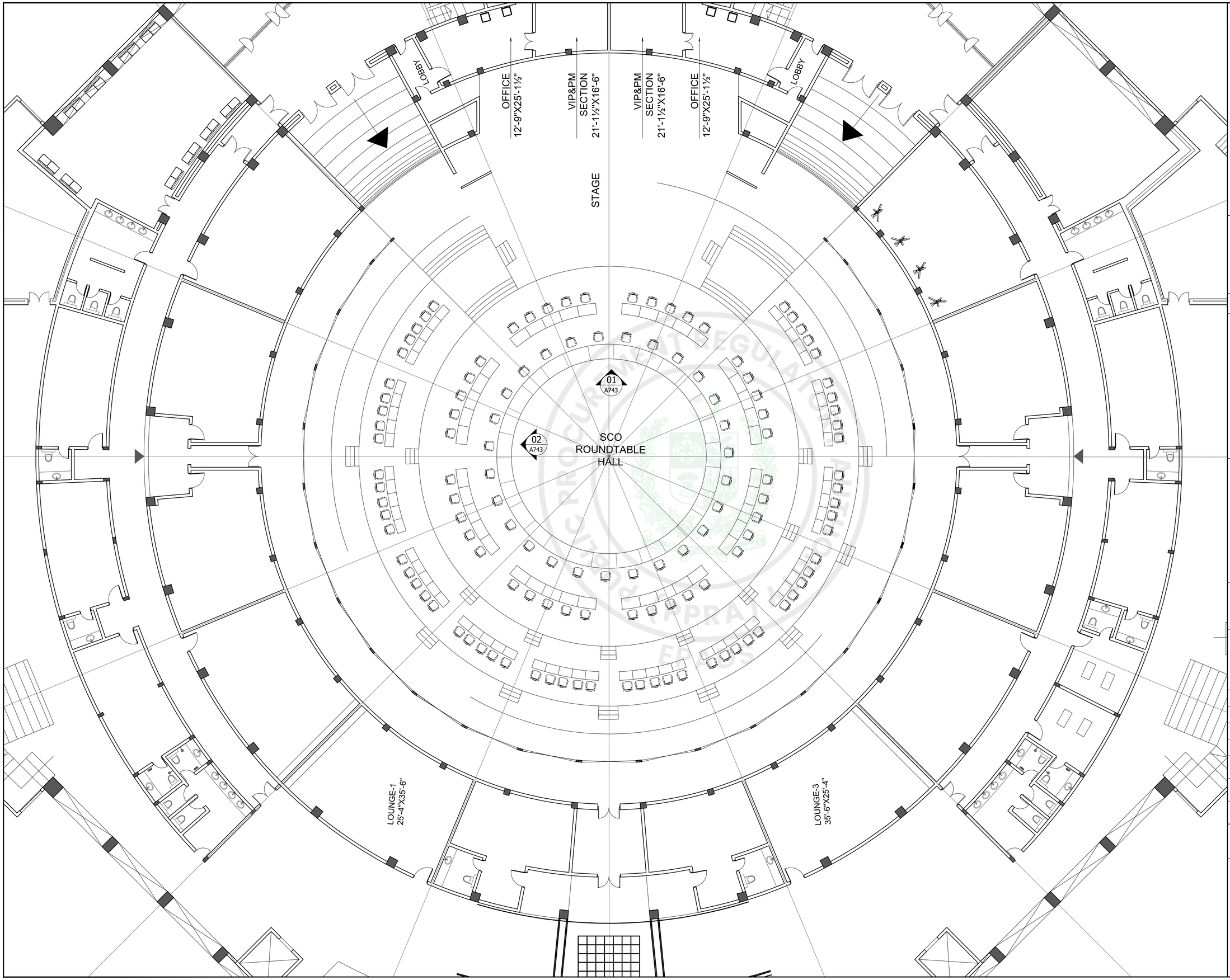
PROPOSED DRAWINGS

DRAWING TITLE:

CONVEN CENTER HALL RENDER IMAGE

REV.	DATE	DESCRIPTION

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DRAWN BY:	DESIGN BY:
CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-TD-04- A742a	REVISION: 00



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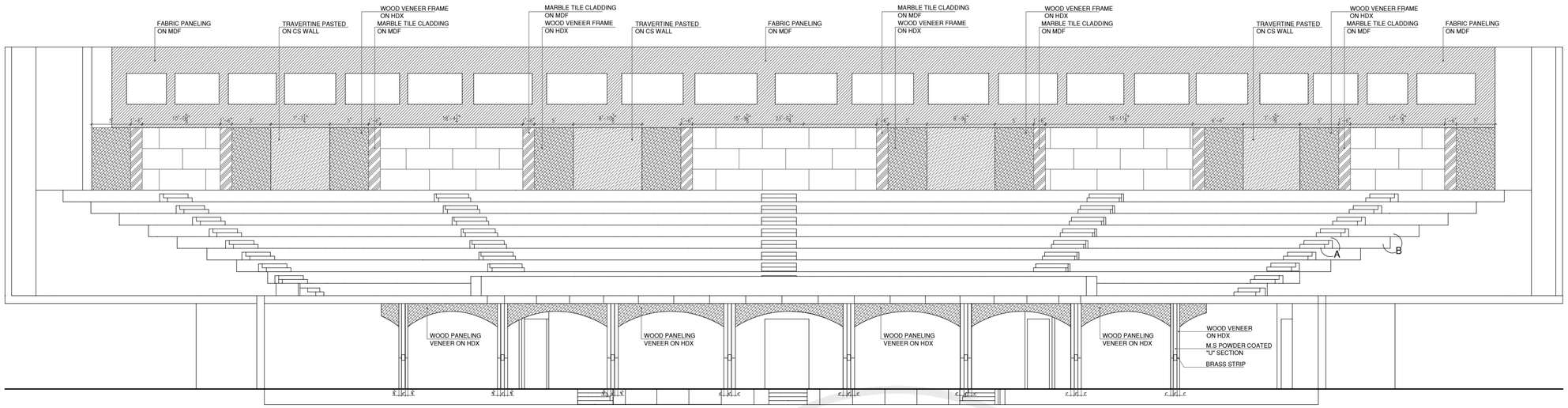
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REV.	DATE	DESCRIPTION

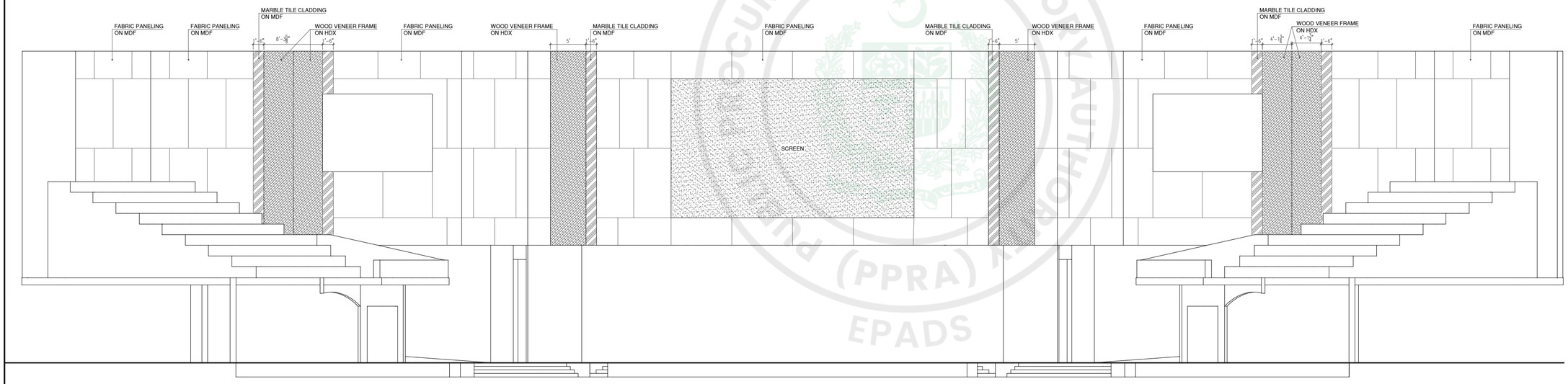
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DRAWING NO. CNCCI-TD-04- A742	REVISION: 00

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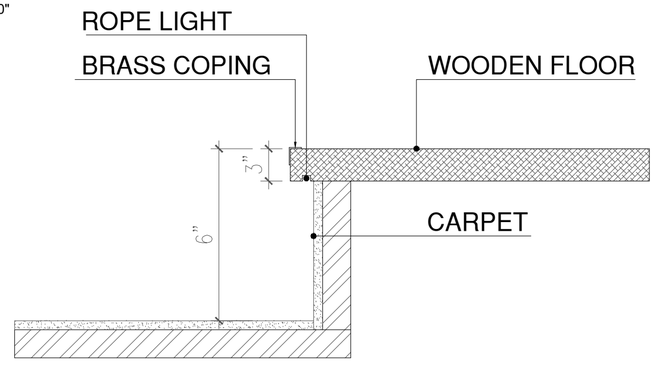
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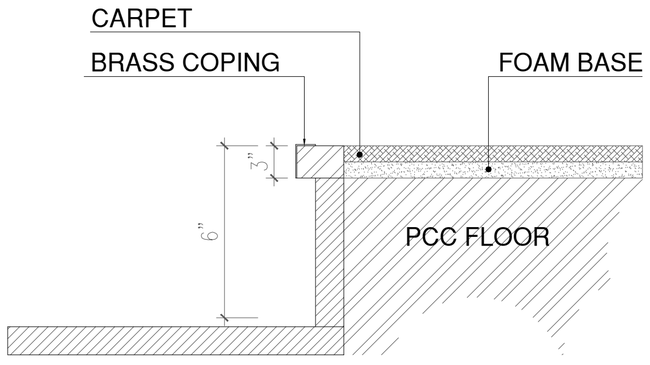


01 ELEVATION

Scale: 3/32"=1'-0"



BLOWUP DETAIL -'A'



BLOWUP DETAIL -'B'

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6. H.V.A.C, PUBLIC HEALTH , ELECTRICAL AND LANDSCAPING SERVICES TO BE FINALIZED IN CONSULTATION WITH IDAP OFFICE PRIOR TO START OF CONSTRUCTION.
7. CONTRACTOR/CONSULTANT TO CONFIRM HANDICAP TOILET WITH ANSI 117.1
8. FOR ALL STRUCTURE DETAILS REFER TO STRUCTURE DRAWINGS.
9. FOR TYPICAL DETAILS SECTION, USE REFERRED DETAILS.
10. FOR SUMP PIT,LIFT PITS TRENCHES DETAILS AND LOCATIONS REFER MEP AND STRUCTURE.
11. RAIN WATER PIPES , ROOF SLOPES , RIDGES ARE INDICATIVE ONLY PLEASE REFER MEP DRAWINGS FOR DETAILS.
12. PLEASE VERIFY THE ROAD LEVELS WITH REFERENCE TO GRADING PLAN AS IT VARIES AT VARIOUS LOCATIONS /ENTRANCES OF THE BUILDING.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION, CENTER ISLAMABAD

(TYPICAL DETAILS)

PROJECT STATUS:

PROPOSED DRAWINGS

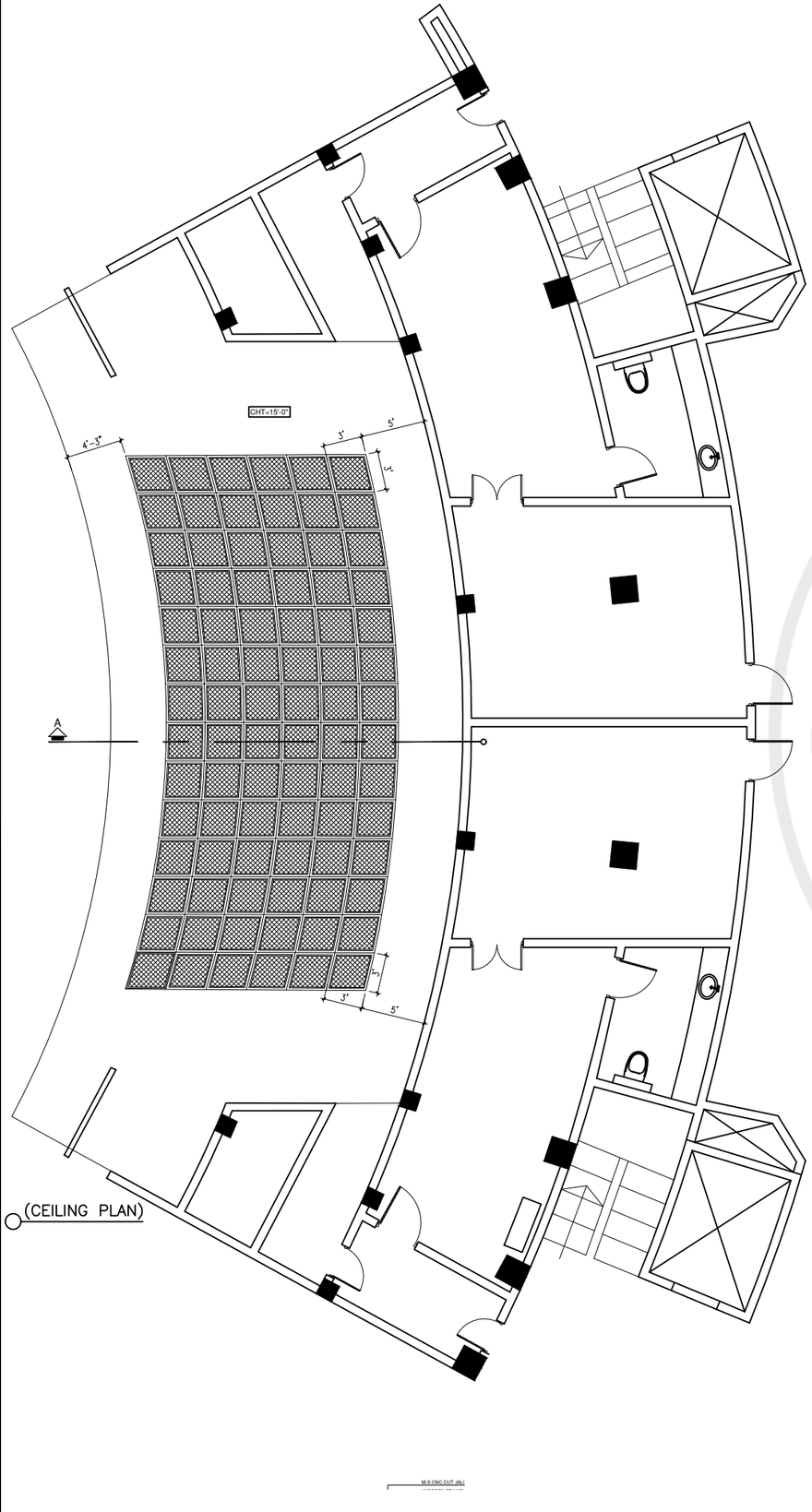
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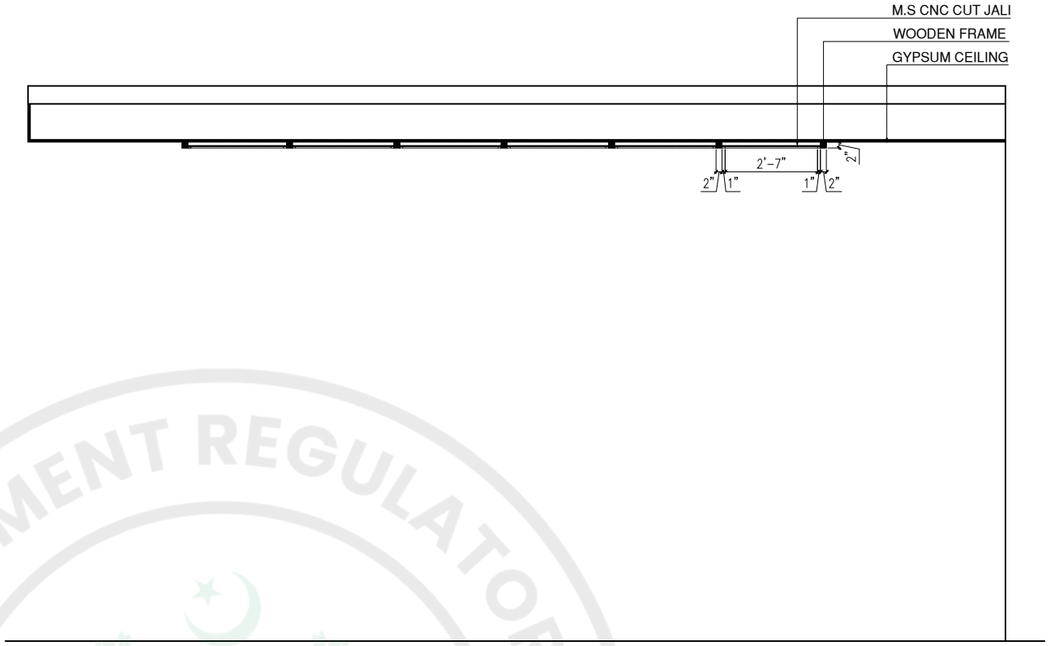
ELEVATION 01

REV.	DATE	DESCRIPTION

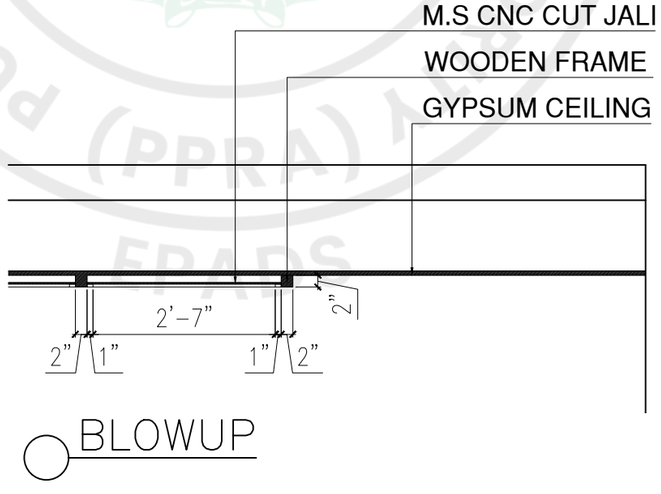
DATE: OCTOBER, 2026	SCALE: 3/32" = 1'-0"
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CHECKED BY:	APPROVED BY:
DRAWING NO. CNCCI-TD-04- A740	REVISION: 00

PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS





SECTION–A
CEILING SECTION



BLOWUP

M.S CNC CUT JALI

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN FEET/INCHES, UNLESS OTHERWISE NOTED.
2. IF ANY ERROR OR OMISSION IS FOUND IN DRAWING THIS OFFICE MAY BE CONSULTED FOR RECTIFICATION.
3. FOR ANY FURTHER DETAIL /CLARIFICATION ON THE DRAWING PLEASE CONTACT THE PROJECT ARCHITECT.
4. ALL NECESSARY NOC'S/PERMISSIONS MAY BE OBTAINED FROM THE CONCERNED AUTHORITIES BEFORE COMMENCEMENT OF PROJECT AT SITE.
5. THE SITE DIMENSIONS AND PROFILE AS SHOWN ON THE LAYOUT PLAN MUST BE VERIFIED ON GROUND PRIOR TO COMMENCEMENT OF CONSTRUCTION IN ORDER TO AVOID COMPLICATIONS LATER ON.
6. H.V.A.C, PUBLIC HEALTH , ELECTRICAL AND LANDSCAPING SERVICES TO BE FINALIZED IN CONSULTATION WITH IDAP OFFICE PRIOR TO START OF CONSTRUCTION.
7. CONTRACTOR/CONSULTANT TO CONFIRM HANDICAP TOILET WITH ANSI 117.1
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11. RAIN WATER PIPES , ROOF SLOPES , RIDGES ARE INDICATIVE ONLY PLEASE REFER MEP DRAWINGS FOR DETAILS.
12. PLEASE VERIFY THE ROAD LEVELS WITH REFERENCE TO GRADING PLAN AS IT VARIES AT VARIOUS LOCATIONS /ENTRANCES OF THE BUILDING.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

CONVENTION HALL CEILING DETAIL

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 3/16" = 1'-0"
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CHECKED BY:	APPROVED BY:
DRAWING NO. NICEEC-ISD-03-A746	REVISION: 00

IDAP
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PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

INFRASTRUCTURE DEVELOPMENT AUTHORITY OF PUNJAB
GOVERNMENT OF PUNJAB, PAKISTAN

CONSTRUCTION OF NEW
CONVENTION CENTER
ISLAMABAD

STRUCTURAL DRAWINGS
(TENDER DRAWINGS)

DATE:- OCTOBER, 2026

INFRASTRUCTURE DEVELOPMENT
AUTHORITY OF PUNJAB
GOVERNMENT OF PUNJAB, PAKISTAN

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LIST OF DRAWINGS

S.NO.	DRG. NO	DRAWING TITLE
1	CNCCI-NCC-04-LD-01	LIST OF DRAWINGS
2	CNCCI-NCC-04-G-01	GENERAL NOTES
3	CNCCI-NCC-04-G-02	GENERAL DETAILS
4	CNCCI-NCC-04-G-03	GENERAL DETAILS
5	CNCCI-NCC-04-G-04	GENERAL DETAILS
6	CNCCI-NCC-04-G-05	GENERAL DETAILS
7	CNCCI-NCC-04-G-06	4" & 6" WIDE SOLID BLOCK DETAIL
8	CNCCI-NCC-04-G-07	8" WIDE HOLLOW BLOCK DETAIL
		RAFT
9	CNCCI-NCC-04-R-01	RAFT LAYOUT PLAN
10	CNCCI-NCC-04-R-02	PUNCHING SHEAR REINFORCEMENT PLAN AND DETAIL
11	CNCCI-NCC-04-R-03	BOTTOM MESH AND BOTTOM ADDITIONAL REINFORCEMENT PLAN OF RAFT
12	CNCCI-NCC-04-R-04	BOTTOM ADDITIONAL REINFORCEMENT PLAN OF RAFT (2ND LAYER)
13	CNCCI-NCC-04-R-05	TOP MESH AND TOP ADDITIONAL REINFORCEMENT PLAN OF RAFT
14	CNCCI-NCC-04-R-06	PLINTH BEAM AND SOG LAYOUT PLAN
15	CNCCI-NCC-04-R-07	PLINTH BEAM SECTION AND TYPICAL DETAILS
		COLUMN
16	CNCCI-NCC-04-C-01	COLUMN LAYOUT PLAN
17	CNCCI-NCC-04-C-02	TYPICAL COLUMNS SCHEDULE & DETAILS
		SLAB AND BEAMS
18	CNCCI-NCC-04-S-01	BEAM LAYOUT PLAN OF FIRST FLOOR
19	CNCCI-NCC-04-S-01A	BEAM SECTIONS OF FIRST FLOOR
20	CNCCI-NCC-04-S-02	BOTTOM REINFORCEMENT PLAN OF FIRST FLOOR
21	CNCCI-NCC-04-S-03	TOP REINFORCEMENT PLAN OF FIRST FLOOR
22	CNCCI-NCC-04-S-04	BEAM LAYOUT PLAN OF ROOF SLAB
23	CNCCI-NCC-04-S-04A	BEAM SECTIONS OF ROOF FLOOR
24	CNCCI-NCC-04-S-05	BOTTOM REINFORCEMENT PLAN OF ROOF FLOOR
25	CNCCI-NCC-04-S-06	TOP REINFORCEMENT PLAN OF ROOF FLOOR
26	CNCCI-NCC-04-S-07	BEAM LAYOUT PLAN AND SECTION DETAIL OF BEAM FOR TOP ROOF SLAB
27	CNCCI-NCC-04-S-08	BOTTOM REINFORCEMENT PLAN OF TOP ROOF
28	CNCCI-NCC-04-S-09	TOP REINFORCEMENT PLAN OF TOP ROOF
29	CNCCI-NCC-04-S-10	BEAM LAYOUT PLAN AND SECTION DETAIL OF BEAM FOR MUMTY SLAB
30	CNCCI-NCC-04-S-11	BOTTOM REINFORCEMENT PLAN OF MUMTY SLAB
31	CNCCI-NCC-04-S-12	TOP REINFORCEMENT PLAN OF MUMTY SLAB
32	CNCCI-NCC-04-S-13	OVER HEAD WATER TANK DETAIL
		STEEL STRUCTURE
33	CNCCI-NCC-04-S-14	FOUNDATION LAYOUT PLAN AND DETAIL
34	CNCCI-NCC-04-S-15	GENERAL NOTES FOR STEEL
35	CNCCI-NCC-04-S-16	BASE PLATE LAYOUT PLAN
36	CNCCI-NCC-04-S-17	TRUSS LAYOUT PLAN
37	CNCCI-NCC-04-S-18	PURLIN LAYOUT PLAN
38	CNCCI-NCC-04-S-19	ROOF SHEETING PLAN
39	CNCCI-NCC-04-S-20	FRAMING SECTION AND DETAILS
40	CNCCI-NCC-04-S-21	ANCHOR LAYOUT PLAN
41	CNCCI-NCC-04-S-22	BEAM FRAMING PLAN
42	CNCCI-NCC-04-S-23	PURLIN FRAMING PLAN
43	CNCCI-NCC-04-S-24	ROOF SHEETING PLAN
44	CNCCI-NCC-04-S-25	FRAMING SECTION AND DETAILS

NOTES:

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

LIST OF DRAWINGS

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY: AM / AS / WM	DESIGN BY: K.G
CHECKED BY: A.M.D / M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-NCC-04- LD-01	REVISION: 00

IDAP

NOT FOR CONSTRUCTION

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1. SITE SAFETY

A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL SAFETY PRECAUTIONS AND REGULATIONS DURING THE WORK.

2. TEMPORARY WORKS

A. STRUCTURAL DRAWINGS HEREIN REPRESENT THE FINISHED STRUCTURE. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY GUYING AND BRACING REQUIRED TO ERECT AND HOLD THE STRUCTURE IN PROPER ALIGNMENT UNTIL ALL STRUCTURAL WORK AND CONNECTIONS HAVE BEEN COMPLETED.
B. THE INVESTIGATION, DESIGN, SAFETY, ADEQUACY AND INSPECTION OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS, ETC. IS THE SOLE RESPONSIBLY OF THE CONTRACTOR.
C. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL SAFETY PRECAUTIONS AND REGULATIONS DURING THE WORK.

3. EXISTING SITE

A. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS RELATING TO EXISTING CONDITIONS BY MAKING FIELD SURVEYS AND MEASUREMENTS PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION.
B. THE CONTRACTOR SHALL ENSURE THAT ALL CONSTRUCTION METHODS USED WILL NOT CAUSE DAMAGE TO ADJACENT BUILDINGS, UTILITIES, OR OTHER PROPERTY. THIS REQUIREMENT IS PARTICULARLY IMPORTANT DURING FOUNDATION INSTALLATION

4. USE OF DRAWINGS

A. DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY SHOWN, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED, SUBJECT TO APPROVAL OF THE ENGINEER.
B. DETAILS LABELED "TYPICAL" SHALL APPLY TO ALL SITUATIONS THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY DETAILED. SEE DETAIL TITLES FOR APPLICABILITY OF A PARTICULAR DETAIL. TYPICAL DETAILS SHALL APPLY WHETHER THEY ARE SPECIFICALLY KEYED AT EACH LOCATION. THE ENGINEER SHALL HAVE FINAL AUTHORITY TO DETERMINE APPLICABILITY OF TYPICAL DETAILS.
C. ONLY USE DIMENSIONS INDICATED ON THE DRAWINGS. DO NOT SCALE DRAWING.
D. ASSUME EQUAL SPACING BETWEEN ESTABLISHED DIMENSIONS, IF NOT INDICATED ON DRAWINGS.
E. CENTERLINES OF COLUMNS AND FOUNDATIONS COINCIDE WITH GRID LINE INTERSECTIONS, UON.
F. CENTERLINES OF GRADE BEAMS AND WALLS COINCIDE WITH CENTER LINES OF FOUNDATIONS, UON.
G. CENTER LINES OF FRAMING MEMBERS COINCIDE WITH COLUMN CENTER LINES, UON. ELEVATIONS INDICATED ON STRUCTURAL DRAWINGS ARE BASED ON A PROJECT DATUM INDICATED ON THE ARCHITECTURAL DRAWINGS.

5. SPECIALITY WORKS

A. WHEN CALCULATIONS ARE INCLUDED IN THE SUBMITTALS FOR COMPONENTS OF WORK DESIGNED AND CERTIFIED BY A SPECIALTY STRUCTURAL ENGINEER, THE REVIEW BY THE STRUCTURAL ENGINEER OF RECORD (SER) SHALL BE FOR CONFORMANCE WITH THE RELEVANT CONTRACT DOCUMENTS. THE SER'S REVIEW DOES NOT RELIEVE THE SPECIALTY STRUCTURAL ENGINEER FROM RESPONSIBILITY FOR THE DESIGN OF THEIR SYSTEM(S) AND THE COORDINATION WITH THE ELEMENTS OF THE STRUCTURE UNDER THE CERTIFICATION OF THE ENGINEER OF RECORD, OR OTHER SPECIALTY STRUCTURAL ENGINEERS. THE SER'S REVIEW DOES NOT CONSTITUTE A WARRANTY OF THE ACCURACY OR COMPLETENESS OF THE SPECIALTY STRUCTURAL ENGINEER'S DESIGN
B. ALL STRUCTURAL SYSTEMS WHICH ARE TO BE COMPOSED OF COMPONENTS TO BE FIELD ERECTED SHALL BE SUPERVISED BY THE SUPPLIER DURING MANUFACTURING, DELIVERY, HANDLING, STORAGE, AND ERECTION IN ACCORDANCE WITH THE SUPPLIER'S INSTRUCTIONS AND REQUIREMENTS.
C. NO STRUCTURAL MEMBER MAY BE CUT, NOTCHED, OR OTHERWISE REDUCED IN STRENGTH WITHOUT WRITTEN DIRECTION FROM THE ENGINEER OF RECORD.
D. WHEN MODIFICATIONS ARE PROPOSED TO STRUCTURAL ELEMENTS UNDER THE DESIGN AND CERTIFICATION OF A SPECIALTY ENGINEER, WRITTEN AUTHORIZATION BY THE SPECIALTY ENGINEER MUST BE OBTAINED AND SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW, PRIOR TO PERFORMING THE PROPOSED MODIFICATION.

6. CONSTRUCTION LOADS

A. LOADING APPLIED TO THE STRUCTURE DURING THE PROCESS OF CONSTRUCTION SHALL NOT EXCEED THE SAFE LOAD-CARRYING CAPACITY OF THE STRUCTURAL MEMBERS.
B. THE CONTRACTOR SHALL INFORM THE ENGINEER ABOUT ANTICIPATED CONSTRUCTION LOADS ON THE STRUCTURE AND OBTAIN ENGINEER'S APPROVAL THEREOF BEFORE COMMENCING WORK.
C. MAXIMUM ALLOWED CONSTRUCTION LOAD IS 100 PSF, WHICH CAN BE APPLIED IN ABSENCE OF ANY FINISHES AND 28 DAYS AFTER CONCRETE CASTING.
D. DO NOT APPLY ANY CONSTRUCTION LOADS UNTIL STRUCTURAL FRAMING IS PROPERLY CONNECTED AND UNTIL ALL TEMPORARY BRACING IS IN PLACE.

7. REFERENCES

A. ALL ASTM AND OTHER REFERENCED STANDARDS AND CODES ARE FOR THE LATEST EDITIONS OF THESE PUBLICATIONS, UNLESS OTHERWISE NOTED.
B. THE GENERAL CONTRACTOR SHALL OBTAIN COPIES OF THE LATEST CONTRACT DOCUMENTS, INCLUDING ALL ADDENDA, AND PROVIDE THE RELEVANT PORTIONS TO ALL SUB-CONTRACTORS AND SUPPLIERS PRIOR TO SUBMITTAL OF SHOP DRAWINGS, BAR BENDING SCHEDULE AND FABRICATION AND ERECTION OF STRUCTURAL MEMBERS.

8. COORDINATION WITH OTHER TRADES

8.1. *DIMENSIONAL COORDINATION*

A. THE CONTRACTOR SHALL COMPARE AND COORDINATE DRAWINGS OF ALL DISCIPLINES, AND CHECK ALL DIMENSIONS RELATING TO ARCHITECTURAL FINISHES, MECHANICAL EQUIPMENT AND OPENINGS, ELEVATOR SHAFTS AND OVERRUNS, ETC. AND NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES BEFORE PROCEEDING WITH ANY WORK IN THE AREA UNDER QUESTION.

8.2. *PRE-POUR INSTALLATION*

A. THE CONTRACTOR SHALL VERIFY THE REQUIREMENTS OF OTHER TRADES AS TO SLEEVES, CHASES, HANGERS, INSERTS, ANCHORS, HOLES, AND OTHER ITEMS TO BE PLACED OR SET IN THE STRUCTURAL WORK.
B. THERE SHALL BE NO VERTICAL OR HORIZONTAL SLEEVES SET, OR HOLES CUT OR DRILLED IN ANY BEAM OR COLUMN UNLESS SHOWN ON THE STRUCTURAL DRAWINGS OR APPROVED IN WRITING BY THE ENGINEER OF RECORD.

8.3. *OPENINGS*

A. MECHANICAL AND ELECTRICAL OPENINGS THROUGH SUPPORTED SLABS AND WALLS 8" IN DIAMETER, OR LARGER, NOT SHOWN ON THE STRUCTURAL DRAWINGS MUST BE APPROVED BY THE ENGINEER. OPENINGS LESS THAN 8" IN DIAMETER SHALL HAVE AT LEAST 1'-0" CLEAR BETWEEN OPENINGS, UNLESS APPROVED IN WRITING BY THE ENGINEER.

8.4. *THE E&M CONTRACTOR*

A. THE ELECTRICAL/MECHANICAL CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD OF ANY ELECTRICAL/MECHANICAL UNIT SUPPORTED BY THE STRUCTURE NOT SHOWN ON THE STRUCTURAL DRAWINGS, WHOSE WEIGHT IS GREATER THAN 100 PSF
B. THE MECHANICAL CONTRACTOR SHALL VERIFY THAT MECHANICAL UNITS SUPPORTED BY THE STEEL FRAMING ARE CAPABLE OF SPANNING THE DISTANCE BETWEEN THE SUPPORTING MEMBERS INDICATED ON THE STRUCTURAL DRAWINGS. THE MECHANICAL CONTRACTOR SHALL SUPPLY ADDITIONAL SUPPORT FRAMING AS REQUIRED.

8.5. *DRAWING & SPECS CONFLICT*

A. IF DRAWINGS AND SPECIFICATIONS ARE IN CONFLICT, THE MOST STRINGENT RESTRICTIONS AND REQUIREMENTS SHALL GOVERN.

9. EARTHWORK AND FOUNDATION

A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING SYSTEM IF AND WHERE REQUIRED DURING CONSTRUCTION.
B. TERMITE CONTROL TREATMENT SHALL BE CARRIED OUT IN THE BUILDING AS PER SPECIFICATIONS.
C. THE CONTRACTOR SHALL VERIFY FOUNDATION INSTALLATION AND CONSTRUCTION IS IN CONFORMANCE WITH THE RECONNECTIONS OUTLINED IN THE GEOTECHNICAL REPORT.
D. CONTRACTOR SHALL BE RESPONSIBLE TO ADEQUATELY PROTECT ALL EXCAVATION WHERE NECESSARY, SHEET AND SORE THE EXCAVATION WITH ALL REQUIRED TIEBACKS AND BRACING AS DETERMINED BY CONTRACTOR'S STRUCTURAL ENGINEER.
E. PROVIDE BRACING FOR ALL BASEMENT FOUNDATION WALLS PRIOR TO BACKFILLING. THIS BRACING SHALL REMAIN IN PLACE UNTILL ALL SLAB AND BEAMS FRAMING INTO WALL HAVE BEEN PLACED AND HAVE ATTAINED 100% OF THEIR DESIGN STRENGTH.
F. BACKFILLING OF SOIL SHALL BE DONE IN A MANNER THAT THERE MUST NOT BE A LEVEL DIFFERENCE OF MORE THAN 1FT ON BOTH SIDES OF THE BOUNDARY WALL.

10. CONCRETE WORKS

10.1. CONCRETE MIXTURE

A. ALL CONCRETE BE SUPPLIED BY A READY-MIX CONCRETE FACILITY THAT IS CERTIFIED AND IN GOOD STANDING THE CONTRACTOR SHALL SUBMIT MIX DESIGN TO THE ENGINEER FOR APPROVAL.
B. THE SLUMP OF CONCRETE WITHOUT ADMIXTURE FOR VARIOUS COMPONENTS OF STRUCTURE SHALL CONFORM WITH LIMITS LISTED IN TABLE 6.3.1 OF ACI 2111-91.

TYPES OF CONSTRUCTION	SLUMP, IN	
	MAXIMUM	MINIMUM
REINFORCED FOUNDATION, WALLS & FOOTINGS	3	1
PLAIN FOOTINGS, CAISSONS, SUBSTRUCTURE WALLS	3	1
BEAMS & REINFORCED WALLS	4	1
BUILDING COLUMNS	4	1
PAVEMENTS & SLABS	3	1
MASS CONCRETE	2	1

C. THE MINIMUM QUANTITY OF CEMENT PER CUBIC METER OF CONCRETE SHALL BE AS FOLLOWS.

28 DAYS CONCRETE COMPRESSIVE STRENGTH (PSI)	STANDARD CEMENT kg / m^3 OF CONCRETE
3000	≥ 300
4000	≥ 400
5000	≥ 450

D. 28 DAYS CYLINDRICAL COMPRESSIVE STRENGTH FOR DIFFERENT COMPONENTS OF THE STRUCTURE SHALL COMPLY WITH THE FOLLOWING.

COMPONENT	SPECIFIED [i,ii] COMPRESSIVE STRENGTH (AT 28 DAYS) PSI
BLOCKS	1900
COLUMNS	5000
SLABS/BEAMS	4000
FOUNDATIONS / LIFT WALL RETAINING WALL / SUMP PIT WALL	5000
ALL OTHER MEMBERS	4000

i. CONCRETE COMPANION CYLINDERS PLACED AT LOCATION OF CASTING AND CURED AS PER REQUIREMENTS STATED IN SECTION 10.2.4 OF GENERAL NOTES UNDER FIELD CONDITIONS.
ii. MINIMUM COMPRESSIVE STRENGTH OF CONCRETE SHALL MEET THE CRITERIA SPECIFIED IN SECTION 26.12.3.1 OF ACI 318-14.

F. ORDINARY PORTLAND CEMENT SHALL BE USED IN ALL CONCRETE WORKS UNLESS NOTED OTHERWISE.
G. NORMAL WEIGHT AGGREGATE SHALL CONFORM WITH ASTM C33 WITH A MAXIMUM SIZE OF 1.0" WHEREAS WATER SHALL CONFORM WITH ASTM C1602.
H. THE ADMIXTURE USED SHALL CONFORM TO REQUIREMENTS LISTED IN SECTION 26.4.1.4 OF ACI 318-14.
I. THE MAXIMUM POURING TEMPERATURE OF CONCRETE SHALL BE EQUAL TO 32.2°C.

10.2. PLACEMENT OF CONCRETE

10.2.1. *WEATHER CONSIDERATIONS*

A. POURING OF CONCRETE SHALL BE DONE AT NIGHT FROM APRIL TILL OCTOBER.
B. FOR EACH POUR OR PER 50 CUBIC METER OF CONCRETING, THE CONTRACTOR SHALL CAST THREE SETS OF THREE CYLINDRICAL SPECIMENS TO BE STORED, CURED & TESTED UNDER LABORATORY CONDITIONS AT 7 DAYS, 14 DAYS AND 28DAYS AND TWO SETS OF THREE COMPANION CYLINDRICAL SPECIMENS TO BE PLACED AND CURED AT THE LOCATION OF CASTING & TESTED AT 7 DAYS AND 28 DAYS AFTER CASTING.
C. DO NOT PLACE CONCRETE WHILE RAIN, SLEET, OR SNOW IS FALLING UNLESS PROTECTION IS PROVIDED.
D. UNLESS OTHERWISE SPECIFIED, THE TEMPERATURE OF CONCRETE AS DELIVERED SHALL NOT EXCEED 32.2°F.IF TEMPERATURE OF REINFORCEMENT, EMBEDMENTS, OR FORMS IS GREATER THAN 48°C, USE A FINE MIST OF WATER TO MOISTEN AND COOL HOT SURFACES. REMOVE STANDING WATER BEFORE PLACING CONCRETE.

10.2.2. *CONVEYING*

A. CONCRETE WORKING TIME FROM BATCHING TO PLACEMENT AND CONSOLIDATION SHALL NOT EXCEED 1-1/2 HOURS, OR THE INITIAL SETTING TIME OF CONCRETE, WHICHEVER IS SMALLER.
B. USE METAL OR METAL-LINED CHUTES HAVING ROUNDED BOTTOMS AND SLOPED BETWEEN 1:2 AND 1:3. CHUTES LONGER THAN 20 FT AND CHUTES NOT MEETING SLOPE REQUIREMENTS MAY BE USED PROVIDED DISCHARGE IS INTO A HOPPER BEFORE DISTRIBUTING INTO FORMS.
C. USE PUMPING EQUIPMENT THAT HAS SUFFICIENT CAPACITY SO THAT:
iii. DISCHARGE OF PUMPED CONCRETE DOES NOT RESULT IN SEGREGATION.
ii. MODIFICATION OF ACCEPTED CONCRETE MIXTURE IS NOT REQUIRED.

10.2.3. *DEPOSITING*

A. DEPOSIT CONCRETE CONTINUOUSLY AND AS NEAR AS PRACTICABLE TO THE FINAL POSITION.
B. DEPOSIT CONCRETE IN ONE LAYER OR IN MULTIPLE LAYERS. DO NOT PLACE FRESH CONCRETE AGAINST CONCRETE THAT WOULD RESULT IN COLD JOINTS UNLESS CONSTRUCTION JOINT REQUIREMENTS OF 10.2.5 ARE MET.
C. DO NOT PLACE CONCRETE THAT CONTAINS FOREIGN MATERIAL.
D. DO NOT PLACE CONCRETE OVER COLUMNS OR WALLS UNTIL CONCRETE IN COLUMNS AND WALLS HAS REACHED FINAL SETTING.
E. PLACE CONCRETE FOR BEAMS, GIRDERS, BRACKETS, COLUMN CAPITALS, HAUNCHES, AND DROP PANELS AT SAME TIME AS CONCRETE FOR ADJACENT SLABS.
F. UNLESS OTHERWISE SPECIFIED, CONSOLIDATE CONCRETE BY VIBRATION. CONSOLIDATE CONCRETE AROUND REINFORCEMENT, EMBEDDED ITEMS, AND INTO CORNERS OF FORMS.

10.2.4. *CURING*

A. MAINTAIN VISIBLE WATER SHEEN WITHOUT ACCUMULATION OF STANDING WATER ON CONCRETE SURFACE UNTIL FINAL SETTING OF CONCRETE.
B. BUILD A DIKE AROUND CONCRETE AND FLOOD SURFACE WITH WATER. ENTIRE SURFACE IS TO REMAIN COVERED WITH WATER FOR DURATION OF CURING PERIOD. KEEP CONCRETE SURFACES CONTINUOUSLY WET. TEMPERATURE OF WATER USED SHALL NOT BE MORE THAN 20°F COOLER THAN SURFACE TEMPERATURE OF THE CONCRETE AT THE TIME THE WATER AND CONCRETE COME IN CONTACT.
C. FIELD CURING OF CONCRETE SHALL COMPLY WITH ACI 308R-16. EXCEPT THE FOLLOWING:
i. FOR RAFT/SLAB WATER SHALL BE POOLED ON TOP OF THE RAFT/SLAB FOR AT-LEAST 14 DAYS AFTER CASTING.FORMWORK SHALL BE DESIGNED ACCORDINGLY.
ii. FOR BEAMS/VERTICAL MEMBERS, HESSIAN CLOTH SHALL BE RETAINED IN MOIST CONDITION FOR AT-LEAST 14 DAYS AFTER CASTING

10.2.5. *CONSTRUCTION JOINTS*

A. UNLESS OTHERWISE SPECIFIED, SUBMIT DETAILS AND LOCATIONS OF CONSTRUCTION JOINTS IN ACCORDANCE WITH THE FOLLOWING REQUIREMENTS:
B. LOCATE JOINTS WITHIN MIDDLE ONE-THIRD OF SPANS OF SLABS, BEAMS, AND GIRDERS. IF A BEAM INTERSECTS A GIRDER WITHIN THE MIDDLE ONE-THIRD OF GIRDER SPAN, THE DISTANCE BETWEEN THE CONSTRUCTION JOINT IN THE GIRDER AND THE EDGE OF THE BEAM SHALL BE AT LEAST TWICE THE WIDTH OF THE LARGER MEMBER.
C. LOCATE JOINTS IN WALLS AND COLUMNS AT UNDERSIDE OF SLABS, BEAMS, OR GIRDERS AND AT TOPS OF FOOTINGS OR SLABS.
D. MAKE JOINTS PERPENDICULAR TO MAIN REINFORCEMENT. PROVIDE MOVEMENT JOINTS WHERE INDICATED
E. ROUGHEN SURFACE IN AN ACCEPTABLE MANNER THAT EXPOSES COARSE AGGREGATE AND DOES NOT LEAVE LAITANCE, LOOSENED AGGREGATE PARTICLES, OR DAMAGED CONCRETE AT SURFACE. REMOVE LAITANCE AND THOROUGHLY CLEAN AND DAMPEN CONSTRUCTION JOINTS BEFORE PLACEMENT OF FRESH CONCRETE.

10.2.6. *REPAIR OF SURFACE DEFECTS*

A. REPAIR SURFACE DEFECTS USING REPAIR MATERIAL AS APPROVED BY THE ENGINEER. PREPARE THE SURFACE AS FOLLOWS OR AS PER VENDOR'S SPECIFICATIONS:
B. OUTLINE REPAIR AREA WITH A 1.5 IN. DEEP SAWCUT AND REMOVE DEFECTIVE CONCRETE DOWN TO SOUND CONCRETE. LEAVE CHIPPED EDGES PERPENDICULAR TO THE SAW-CUT SURFACE OR SLIGHTLY UNDERCUT. DO NOT FEATHER EDGES. DAMPEN THE AREA TO BE PATCHED PLUS 6 IN. AROUND THE PATCH AREA PERIMETER.
C. PREPARE SCRUB COAT, THOROUGHLY BRUSH SCRUB COAT INTO THE SURFACE. WHEN THE SCRUB COAT BEGINS TO LOSE WATER SHEEN, APPLY PATCHING MORTAR AND THOROUGHLY CONSOLIDATE MORTAR INTO PLACE. STRIKE OFF MORTAR, FINISHING FLUSH TO THE FINAL SURFACE. LEAVE THE PATCH UNDISTURBED FOR 1 HOUR BEFORE FINISHING. KEEP THE PATCH DAMP FOR 7 DAYS.

10.2.7. *MAXIMUM POUR SIZE*

A. MAXIMUM CONTINUES POUR SIZE SHALL BE LIMITED TO 72'x72' OR 2.66 BAYS, WHICHEVER IS SMALLER.

11. REINFORCEMENT

A. ALL CONCRETE WORK SHALL INCLUDE REINFORCEMENT. IF REINFORCEMENT IS NOT SPECIFICALLY INDICATED ON THE DRAWINGS, VERIFY WITH THE STRUCTURAL ENGINEER BEFORE PROCEEDING WITH WORK.
B. HEATING QUENCHING AND BENDING OF REINFORCING STEEL ON SITE IS NOT ALLOWED.

11.1. *STANDARD*

A. DETAILS OF REINFORCING STEEL FABRICATION AND PLACEMENT SHALL CONFORM TO ACI 315 -"DETAILS AND DETAILING OF CONCRETE REINFORCEMENT" AND ACI 315R - "MANUAL OF ENGINEERING AND PLACING DRAWINGS FOR REINFORCED CONCRETE STRUCTURES", UNLESS OTHERWISE INDICATED, UON.

11.1. *REBAR SPECS*

A. REINFORCEMENT SHALL CONFORM TO THE FOLLOWING STANDARDS AND MATERIAL PROPERTIES:
DEFORMED BARS, UON……………………………………ASTM A706 GRADE 60
WELDABLE DEFORMED BARS, UON……………………………………ASTM A706, GRADE 60
EPOXY COATED DEFORMED BARS……………………ASTM A706,GRADE 60 UON/ ASTM A775
WELDED WIRE REINFORCEMENT……………………………………ASTM A185
EPOXY COATED WELDED WIRE REINFORCEMENT……………………ASTM A185/A884
B. ALL REINFORCEMENT SHALL BE DEFORMED, CONFORMING TO ASTM A-706 GRADE 60 WITH SPECIFIED YIELD STRENGTH OF NOT LESS THAN 60,000 PSI NOR MORE THAN 78000 PSI, AND RATIO OF ULTIMATE STRENGTH / YIELD STRENGTH NOT LESS THAN 1.25.
C. MINIMUM ELONGATION OF BARS IN 8 IN SHALL BE AS PER ASTM A706.

11.1. *COVER*

A. REINFORCEMENT SHALL HAVE CONCRETE PROTECTION (CLEAR COVER) PER ACI 318 UNLESS OTHERWISE INDICATED ON THE DRAWINGS.

LOCATION **COVER**

CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH……………………3"
CONCRETE EXPOSED TO EARTH OR WEATHER
NO 5 BARS OR SMALLER……………………………………1½"
NO 6 BARS AND LARGER……………………………………2"
CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND
SLABS, WALLS, JOISTS:NO 11 BARS OR SMALLER……………………¾"
NO 14 BARS AND LARGER……………………………………1 ½"
BEAMS, COLUMNS:PRIMARY REINFORCEMENT, TIES, STIRRUPS, SPIRALS ……………1½"
SHELLS, FOLDED PLATE MEMBERS:NO 11 BARS OR SMALLER……………………½"
NO 14 BARS AND LARGER……………………………………¾"

B. FOR BUNDLED BARS, CONCRETE COVER SHALL BE THE SMALLER OF (i) AND (ii):
i. EQUIVALENT DIAMETER OF THE BUNDLE
ii. 2 IN. AND FOR CONCRETE CAST AGAINST AND PERMANENTLY IN CONTACT WITH GROUND, THE SPECIFIED COVER SHALL BE 3 IN.

11.1. *LAP*

B. TYPE OF LAP SPLICE UNLESS OTHERWISE NOTED ALL LAP SPLICES ARE TO BE CLASS "B" SPLICES PER REBAR OFFSET AND LAP SPLICE SCHEDULE.
C. LAP SPLICE LOCATION
i. LAP REINFORCEMENT ONLY AT LOCATIONS AS SPECIFICALLY DETAILED ON THE DRAWINGS.
ii. REINFORCEMENT MARKED AS CONTINUOUS CAN BE SPLICED SUCH THAT TOP BARS TO BE SPLICED AT CENTRE SPAN AND BOTTOM BARS OVER SUPPORTS, UON (SLABS & BEAMS).
iii. REINFORCEMENT MARKED AS CONTINUOUS CAN BE SPLICED SUCH THAT TOP BARS TO BE SPLICED OVER SUPPORTS AND BOTTOM BARS AT MID SPAN, UON (RAFT & FOOTING).
C. UNLESS NOTED OTHERWISE LAP, BARS SHALL BE A MINIMUM OF

i) SPLICE LENGTH SCHEDULE, Lp

BAR NO.	BAR DIA (IN.)	f'_c= 5000 psi	f'_c= 4000 psi	f'_c= 3000 psi
#3	0.375	17"	20"	22"
#4	0.500	23"	25"	29"
#5	0.625	28"	32"	37"
#6	0.750	34"	38"	43"
#7	0.875	48"	55"	63"
#8	1.000	55"	63"	72"
#10	1.27	70"	80"	90"

ii) DEVELOPMENT LENGTH, Ld

BAR NO.	BAR DIA (IN.)	f'_c= 5000 psi	f'_c= 4000 psi	f'_c= 3000 psi
#3	0.375	13"	15"	17"
#4	0.500	17"	19"	22"
#5	0.625	22"	24"	28"
#6	0.750	26"	29"	33"
#7	0.875	37"	42"	48"
#8	1.000	42"	48"	55"
#10	1.27	54"	61"	69"

i) SPLICE LENGTH SCHEDULE, Lp

BAR NO.	BAR DIA (IN.)	FOR HORIZONTAL REINFORCEMENT HAVING MORE THAN 12 INCHES OF FRESH CONCRETE CASTED BELOW		
		f'_c= 5000 psi	f'_c= 4000 psi	f'_c= 3000 psi
#3	0.375	23"	26"	29"
#4	0.500	30"	33"	38"
#5	0.625	37"	42"	49"
#6	0.750	45"	50"	56"
#7	0.875	63"	72"	82"
#8	1.000	72"	82"	94"
#10	1.27	91"	104"	117"

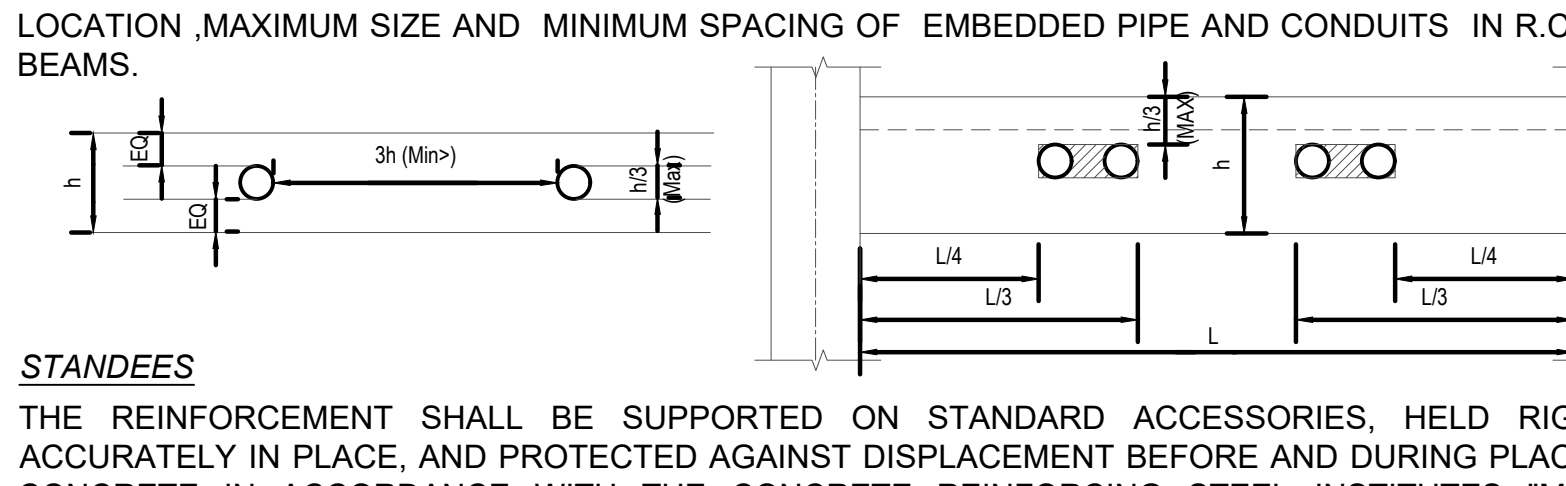
ii) DEVELOPMENT LENGTH, Ld

BAR NO.	BAR DIA (IN.)	FOR HORIZONTAL REINFORCEMENT HAVING MORE THAN 12 INCHES OF FRESH CONCRETE CASTED BELOW		
		f'_c= 5000 psi	f'_c= 4000 psi	f'_c= 3000 psi
#3	0.375	17"	20"	23"
#4	0.500	23"	25"	29"
#5	0.625	29"	32"	37"
#6	0.750	34"	38"	43"
#7	0.875	49"	55"	63"
#8	1.000	55"	63"	72"
#10	1.27	71"	80"	90"

i. SPLICE LENGTHS TO BE MULTIPLIED BY FACTOR OF 1.2 FOR BUNDLE OF THREE BARS AND WITH A FACTOR OF 1.33 FOR BUNDLE OF 4 BARS.
ii. WHEN BARS OF DIFFERENT DIAMETER ARE SPLICED, THE LAP SPLICE SHALL BE THE LARGER OF
a. THE SPLICE LENGTH OF THE SMALLER DIA BAR.
b. THE DEVELOPMENT LENGTH OF THE LARGER DIA BARS.
iii. ALL LAP SPLICES TO BE STAGGERED.
iv. UON, ALL LAP SPLICES ARE TO BE TENSION LAP SPLICES PER LAP SPLICE AND EMBEDMENT SCHEDULE.

11.5. *EMBEDMENTS*

A. REINFORCEMENT AND OTHER MISCELLANEOUS STEEL EMBEDDED ITEMS SHALL BE LOCATED AND HELD IN SPECIFIED POSITION PRIOR TO PLACEMENT OF CONCRETE AND SHALL NOT BE PUSHED INTO CONCRETE FOLLOWING CONCRETE POUR.
B. LOCATION ,MAXIMUM SIZE AND MINIMUM SPACING OF EMBEDDED PIPE AND CONDUITS IN R.C SLAB AND BEAMS.



11.6. *STANDEES*

A. THE REINFORCEMENT SHALL BE SUPPORTED ON STANDARD ACCESSORIES, HELD RIGIDLY AND ACCURATELY IN PLACE, AND PROTECTED AGAINST DISPLACEMENT BEFORE AND DURING PLACEMENT OF CONCRETE IN ACCORDANCE WITH THE CONCRETE REINFORCING STEEL INSTITUTES "MANUAL OF STANDARD PRACTICE".SUPPORTING ACCESSORY LEGS THAT REST ON CONCRETE SURFACES THAT WILL BE EXPOSED IN THE FINISHED STRUCTURE SHALL BE FABRICATED OF STAINLESS STEEL.
B. PROVIDE STANDEES FOR THE SUPPORT OF TOP REINFORCEMENT FOR FOOTINGS, PILE CAPS, AND MATS. PROVIDE INDIVIDUAL HIGHCHAIRS WITH SUPPORT BARS, AS REQUIRED FOR THE SUPPORT OF TOP REINFORCEMENT FOR SUPPORTED SLABS.

11.1. *DOWELS*

A. DOWELS SHALL MATCH SIZE AND SPACING OF MAIN REINFORCEMENT WITH LAP SPLICES AS SHOWN ON THE APPLICABLE SECTIONS, UON. INSTALL DOWELS IN THE FOOTING FORMS BEFORE CONCRETE IS PLACED. DO NOT STICK DOWELS INTO FOOTINGS AFTER CONCRETE IS PLACED.

11.1. *REBAR TERMINATION*

TERMINATION OF REINFORCEMENT, UON:

A. TERMINATE REBARS AT CONTINUOUS ENDS IN LAPS OR WITH DOWELS INTO EXISTING CONCRETE.
B. TERMINATE BARS AT DISCONTINUOUS ENDS WITH STANDARD HOOK AS PER ACI 318-14
C. BEND TOP MAT OR FOOTING BARS DOWN TO BOTTOM BARS AT ENDS.
D. BEND BOTTOM MAT OR FOOTING BARS UP WITH STANDARD 90 DEGREE BENDS
E. PRE-POUR STEEL INSPECTION: PRIOR TO PLACING CONCRETE, ENSURE THAT ALL REINFORCING STEEL IS CLEAN, FREE OF LOOSE SCALE, RUST, MUD OIL OR OTHER FOREIGN MATERIAL WICH WOULD REDUCE THE BOND.

12. FORMWORK

A. SEQUENCE OF REMOVAL OF FORMWORK SHALL BE AS APPROVED BY THE DESIGNER.
B. ALL PROPS, BRACINGS, GUY WIRE PROPS, ETC. REQUIRED FOR STRENGTH AND STABILITY OF THE STRUCTURE AND THE FORMWORK DURING CONSTRUCTION SHALL BE PROVIDED BY THE CONTRACTOR.
C. AT LEAST ONE LOWER FLOOR SHALL REMAIN PROPPED UNTIL THE UPPER FLOOR IS CAST AND CURED.
D. CONSTRUCT FORMWORK TO INHIBIT LEAKAGE OF MORTAR FROM FRESH CONCRETE AT JOINTS IN FORMWORK. REMOVE LEAKED MORTAR FROM FORMWORK JOINTS BEFORE REUSE
E. INSPECT FORMWORK AND REMOVE FOREIGN MATERIAL BEFORE CONCRETE IS PLACED.
F. AT CONSTRUCTION JOINTS, LAP FORM-FACING MATERIALS OVER THE CONCRETE OF PREVIOUS PLACEMENT. ENSURE FORMWORK IS PLACED AGAINST HARDENED CONCRETE SO OFFSETS AT CONSTRUCTION JOINTS CONFORM TO SPECIFIED TOLERANCES
G. PROVIDE POSITIVE MEANS OF ADJUSTMENT (SUCH AS WEDGES OR JACKS) OF SHORES AND STRUTS. DO NOT MAKE ADJUSTMENTS IN FORMWORK AFTER CONCRETE HAS REACHED INITIAL SETTING. BRACE FORMWORK TO RESIST LATERAL DEFLECTION AND LATERAL INSTABILITY.
H. TO MAINTAIN SPECIFIED ELEVATION AND THICKNESS WITHIN TOLERANCES, INSTALL FORMWORK TO COMPENSATE FOR DEFLECTION AND ANTICIPATED SETTLEMENT IN FORMWORK DURING CONCRETE PLACEMENT.
I. CONSTRUCT FORMWORK FOR OPENINGS TO FACILITATE REMOVAL AND TO PRODUCE OPENING DIMENSIONS AS SPECIFIED AND WITHIN TOLERANCES.
J. POSITION AND SUPPORT EXPANSION JOINT MATERIALS, WATERSTOPS, AND OTHER EMBEDDED ITEMS TO PREVENT DISPLACEMENT. FILL VOIDS IN SLEEVES, INSERTS, AND ANCHOR SLOTS TEMPORARILY WITH REMOVABLE MATERIAL TO PREVENT CONCRETE ENTRY INTO VOIDS.
K. CLEAN SURFACES OF FORMWORK AND EMBEDDED MATERIALS OF MORTAR, GROUT, AND FOREIGN MATERIALS BEFORE CONCRETE PLACEMENT.
L. COVER FORMWORK SURFACES WITH AN ACCEPTABLE MATERIAL THAT INHIBITS BOND WITH CONCRETE.
M. DO NOT ALLOW FORMWORK RELEASE AGENT TO CONTACT REINFORCEMENT OR HARDENED CONCRETE AGAINST WHICH FRESH CONCRETE IS TO BE PLACED.
N. INSTALL FORMWORK TO ACCOMMODATE WATERSTOP MATERIALS. LOCATE WATERSTOPS IN JOINTS WHERE INDICATED IN CONTRACT DOCUMENTS. MINIMIZE NUMBER OF SPLICES IN WATERSTOP. SPLICE WATERSTOPS IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS. INSTALL FACTORY-MANUFACTURED PREMOLDED MITERED CORNERS.
O. DO NOT DAMAGE CONCRETE DURING REMOVAL OF VERTICAL FORM WORK FOR COLUMNS, WALLS, AND SIDES OF BEAMS. PERFORM NEEDED REPAIR AND FINISHING OPERATIONS REQUIRED ON VERTICAL SURFACES. IF FORMS ARE REMOVED BEFORE END OF SPECIFIED CURING PERIOD, PROVIDE CURING AND PROTECTION IN ACCORDANCE WITH SECTION 5 .
P. UNLESS OTHERWISE SPECIFIED, LEAVE FORMWORK AND SHORING IN PLACE TO SUPPORT CONSTRUCTION LOADS AND WEIGHT OF CONCRETE IN BEAMS, SLABS, AND OTHER STRUCTURAL MEMBERS UNTIL IN-PLACE STRENGTH OF CONCRETE IS AT LEAST.FC'.
Q. PLACE RESHORING OR BACKSHORING A SUFFICIENT NUMBER OF STORIES TO DISTRIBUTE WEIGHT OF NEWLY PLACED CONCRETE, FORMS, AND CONSTRUCTION LIVE LOADS.
R. AT LEAST ONE LOWER FLOOR SHALL REMAIN PROPPED UNTIL THE UPPER FLOOR IS CAST & CURED.

13. DEMOLITION

A. THE CONTRACTOR IS FULLY RESPONSIBLE FOR THE MEANS AND METHODS OF DEMOLITION AND THE INTEGRITY AND STABILITY OF THE EXISTING STRUCTURE DURING DEMOLITION UNTIL THE WORK IS COMPLETED. THE CONTRACTOR SHALL PROVIDE SHORING IN REQUIRED LOCATIONS WHERE EXISTING CONSTRUCTION TO REMAIN WILL BE AFFECTED BY DEMOLITION.
B. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRS TO ANY STRUCTURAL ELEMENTS WHICH ARE TO REMAIN AND THAT HAVE BEEN DAMAGED DURING THE DEMOLITION PROCESS TO THE COMPLETE SATISFACTION OF THE OWNER. THE REPAIRS SHALL BE AT NO EXPENSE TO THE OWNER. ALL REPAIR SHALL BE DESIGNED BY A LICENSED STRUCTURAL ENGINEERED SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO COMMENCING REPAIR WORK.
C. ALL EXISTING FRAMING IS INDICATED FOR REFERENCE ONLY AND IS TO BE VERIFIED BY THE CONTRACTOR. VERIFY THE EXACT EXTENT OF DEMOLITION AT THE SITE. DETERMINE THE NATURE AND EXTENT OF DEMOLITION THAT WILL BE NECESSARY BY COMPARING THE CONTRACT DOCUMENTS WITH THE EXISTING CONSTRUCTION.
D. THE CONTRACTOR SHALL USE THE STRUCTURAL CONTRACT DOCUMENTS IN CONJUNCTION WITH THE ARCHITECTURAL AND MEP DEMOLITION CONTRACT DOCUMENTS. IN THE EVENT OF CONFLICTS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT AND STRUCTURAL ENGINEER.
E. THE CONTRACTOR SHALL USE QUALIFIED, EXPERIENCED PERSONNEL FOR DEMOLITION AND REMOVAL OPERATIONS. PERFORM DEMOLITION AND REMOVAL OPERATIONS IN A CAREFUL AND ORDERLY MANNER TO PREVENT HAZARDS TO PERSONS, DAMAGE PROPERTY AND THE SPREADING OF DUST AND DEBRIS.
F. DO NOT PERMIT PORTIONS OF THE STRUCTURE TO FALL NOR DEBRIS TO DROP EXCEPT BY METHODS WHICH WILL ENSURE INTEGRITY OG THE STRUCTURE.
G. PRIOR TO THE START OF WORK, VERIFY THAT THE SCOPE OF DEMOLITION INDICATED ON THE CONTRACT DOCUMENTS SHALL NOT DAMAGE, CUT OR DISRUPT SERVICE OF ANY MECHANICAL SYSTEM, ELECTRICAL SYSTEM OR UTILITY EMBEDEDIN THE EXISTING STRUCTURE.
H. DO NOT REMOVE MORE OF THE EXISTING STRUCTURE THAN INDICATED ON CONTRACT DOCUMENTS. DO NOT DAMAGE MAR, CUT OR DEFACE THE REMAINING STRUCTURE OR MATERIALS TO BE REUSED.
I. THE CONTRACTOR SHALL INCLUDE IN HIS BID THE COST OF REMOVING DEMOLISHED MATERIALS FROM THE SITE IN ACCORDANCE WITH ALL APPLICABLE LAWS, CODES AND REGULATIONS.
J. WHERE NEW OPENINGS IN EXISTING CONCRETE SLABS OR WALLS ARE TO BE CREATED, THE DEMOLITION CONTRACTOR SHALL CORE HOLES AT THE OUTSIDE CORNER OF THE NEW OPENING PRIOR TO DEMOLITION. SAWCUT AND DEMOLISH SLANN OR WALL ONLY AFTER THE INSTALLATION OF ALL REQUIRED NEW STRUCTURAL FRAMING AND/OR REINFORCEMENT IN PLAN OR SECTION, UON. SAW CUTTING SHALL BE STRAIGHT AND SHALL NOT EXTEND INTO EXISTING SLAB OR WALL TO REMAIN NOR BEYOND THE HOLES CORED AT THE CORNER OF THE NEW OPENING.

14. MASONRY WORKS

A. ALL MASONRY DESIGN AND CONSTRUCTION SHALL CONFORM TO ACI 530-02/ASCE 5-02 LOCAL AUTHORITY REQUIREMENTS AND SPECIFICATIONS. EQUIVALENT BRITISH STANDARDS MAY BE CONSIDERED SUBJECT TO APPROVAL OF THE ENGINEER.
B. THE CONTRACTOR IS TO TAKE PARTICULAR CARE THAT ALL THE PERPENDS AND BEDS ARE PROPERLY FILLED WITH MORTOR.
C. ALL CONTROL JOINTS SHALL BE FILLED WITH COMPRESSIBLE EXPANDABLE FILLER. REFER TO SPECIFICATIONS FOR FIRE RATED WALLS.
D. FIRE RATING, SOUND AND THERMAL INSULATION PROPERTIES SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.
E. PROVIDE LINTELS OVER ALL OPENING OR RECESSES IN MASONRY WALLS INCLUDING THOSE FOR MECHANICAL OR ELECTRICAL SERVICES OR EQUIPMENT. SEE STANDARD DETAIL DRAWINGS FOR LINTEL SIZES AND DETAILS.
F. PROVIDE RESTRAINT TO ALL MASONRY WALLS AT SLAB SOFFIT AND SIDES AS SHOWN IN STANDARD DETAIL DRAWINGS.
G. ALL MASONRY ANCHORS, MASONRY TIES AND EMBEDDED ITEMS SHALL BE HOT DIP GALVANIZED.
H. PROVIDE HORIZONTAL BED JOINT REINFORCEMENT IN ACCORDANCE WITH STANDARD DETAIL DRAWINGS AND SPECIFICATIONS.
J. THE BLOCK THICKNESS MUST BE AS PER ARCHITECTURE.
K. CEMENT TO SAND MIX RATIO FOR ALL BLOCK WORK SHALL BE 1:4.
L. THE CONTRACTOR SHALL COMMENCE WITH BLOCK WORK ONLY AFTER INSTALLATION OF 6 INCH OF FLOOR FINISH. HOWEVER,THE BLOCK WORK TILL 12" HEIGHT CAN BE DONE BEFORE INSTALLATION OF FLOOR FINISHES.

NOT FOR CONSTRUCTION

NOTES:

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

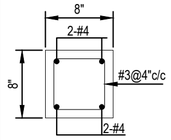
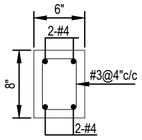
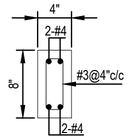
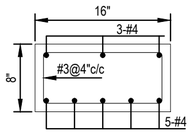
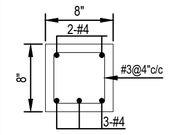
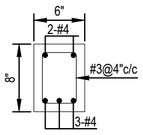
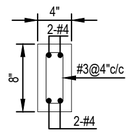
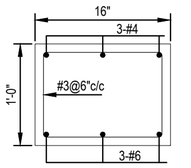
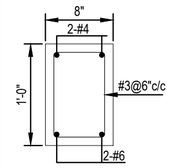
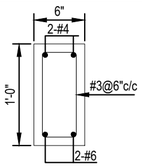
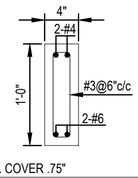
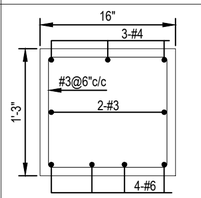
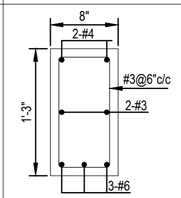
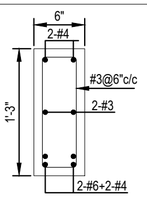
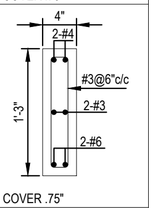
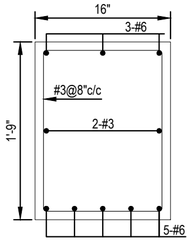
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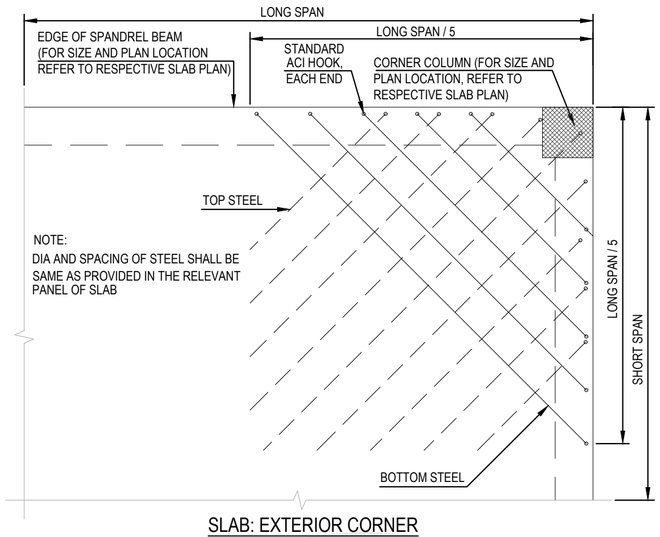
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CHECKED BY: A.M.D / M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-NCC-04- G-01	REVISION: 00

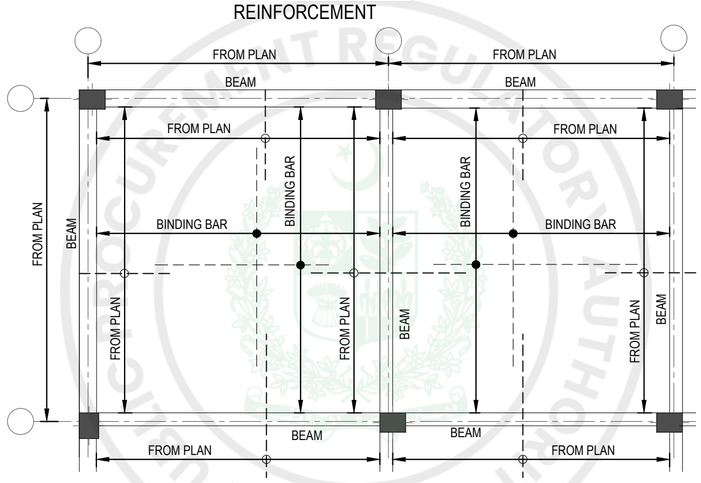
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LINTEL SCHEDULE

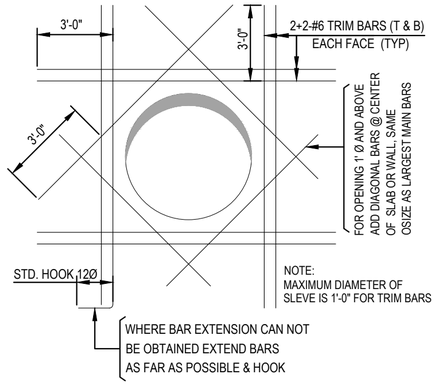
S / NO	CLEAR SPAN	DESCRIPTION			
1	UPTO 4'-0"	----------			 MAX. COVER .75"
2	UPTO 8'-0"				 MAX. COVER .75"
3	UPTO 14'-0"				 MAX. COVER .75"
4	UPTO 20'-0"				 MAX. COVER .75"
4	UPTO 26'-0"		----------	----------	----------

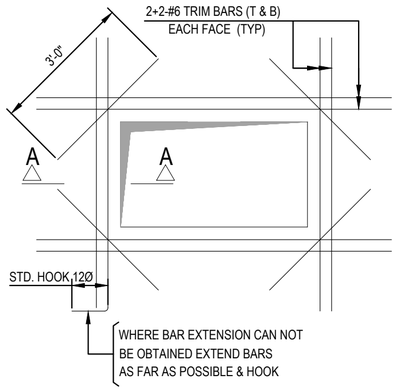


SLAB: EXTERIOR CORNER REINFORCEMENT



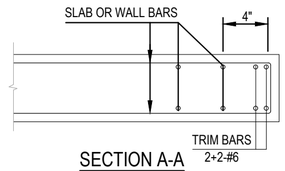
TYPICAL PART PLAN FOR BINDING BAR DETAIL



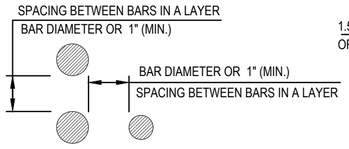


REINF: AROUND SLEEVE IN SLAB & WALLS (TYP)

(OPENING SIZE: 36" > OPENING DIAMETER > 12")



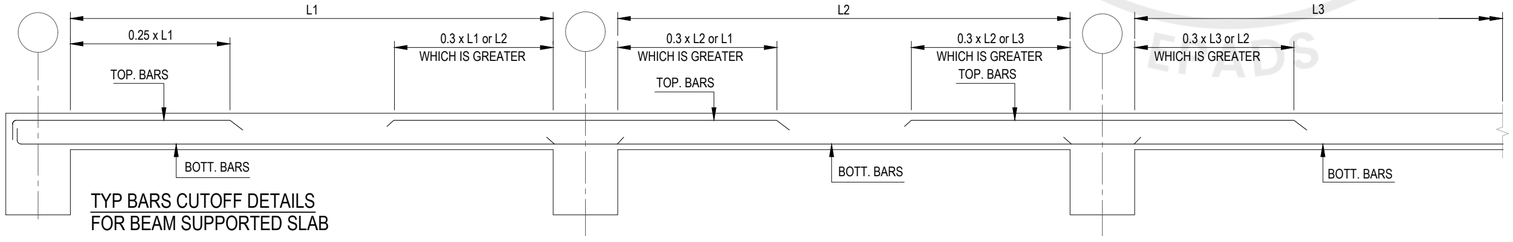
SECTION A-A



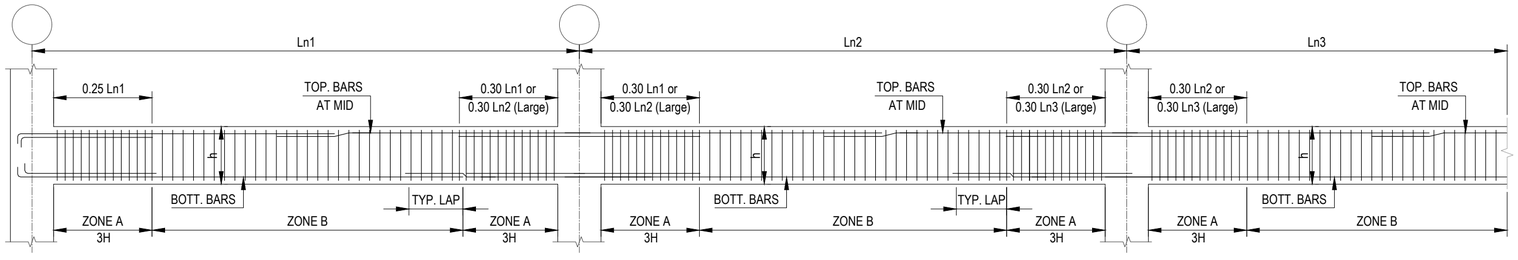
BAR SPACING IN BEAM



VERTICAL BAR SPACING (COLUMN)



TYP BARS CUTOFF DETAILS FOR BEAM SUPPORTED SLAB



TYP BARS CUTOFF DETAILS FOR BEAMS

PROVIDE CAMBER IN EVERY BEAM AS PER L/240

NOT FOR CONSTRUCTION

NOTES:

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

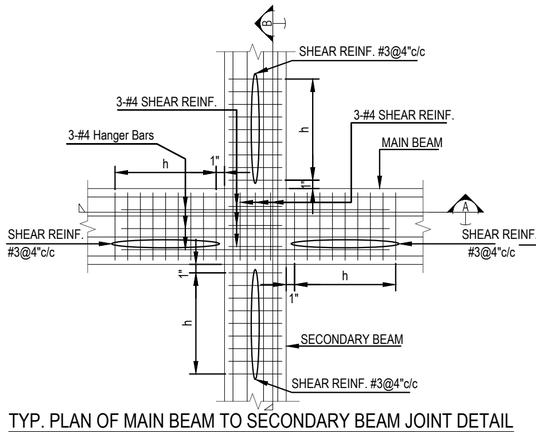
GENERAL DETAILS

REV.	DATE	DESCRIPTION

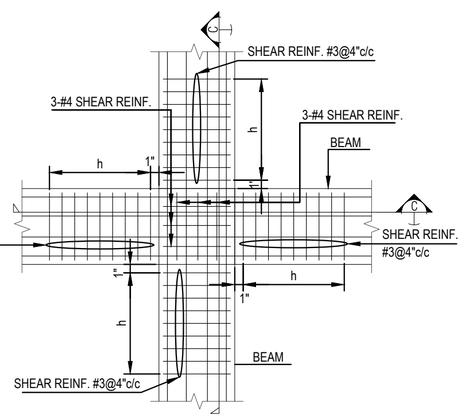
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DRAWN BY: AM / AS / WM	DESIGN BY: K.G
CHECKED BY: A.M.D / M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-NCC-04- G-02	REVISION: 00

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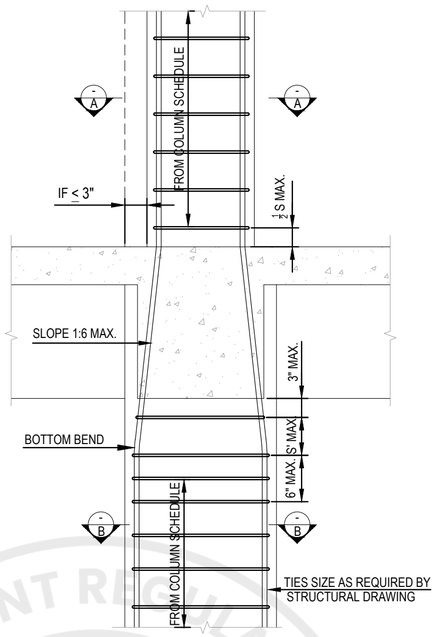
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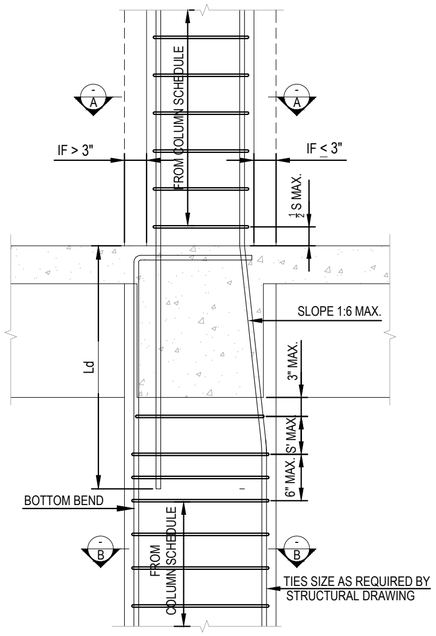
TYP. PLAN OF MAIN BEAM TO SECONDARY BEAM JOINT DETAIL



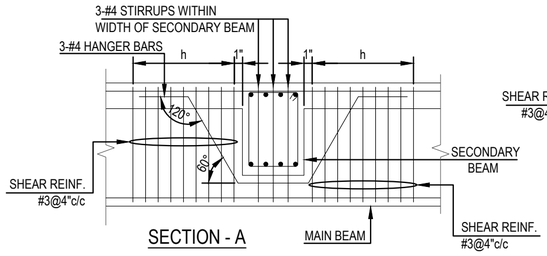
TYP. PLAN OF SECONDARY BEAM TO SECONDARY BEAM / BEAM TO BEAM JOINT DETAIL



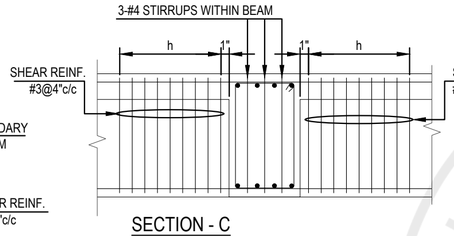
BEAM COLUMN JOINT ELEVATION-01
WITH DIFFERENT COLUMN SIZE



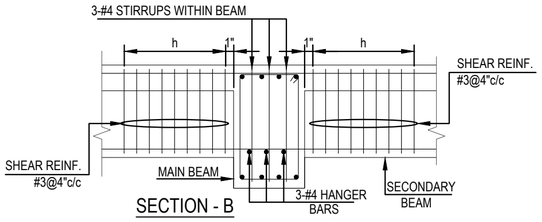
BEAM COLUMN JOINT ELEVATION-02
WITH DIFFERENT COLUMN SIZE



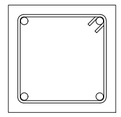
SECTION - A



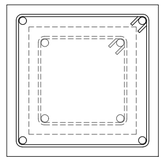
SECTION - C



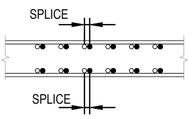
SECTION - B



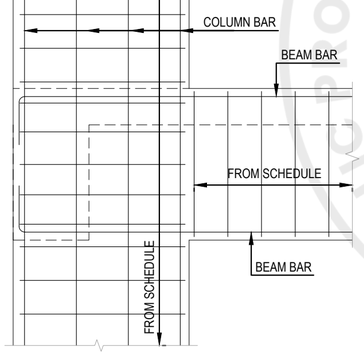
SECTION A-A



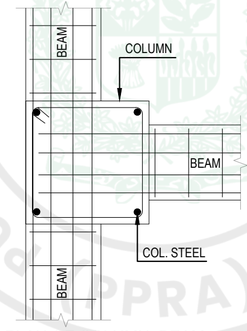
SECTION B-B



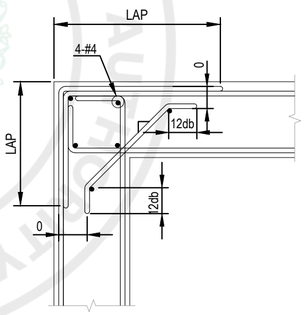
TYP. CONCRETE WALL SPLICE



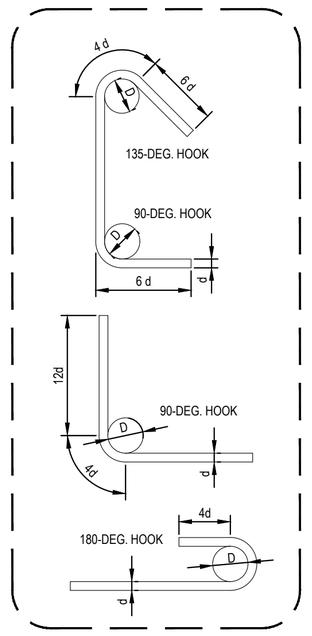
ELEVATION OF COLUMN
BEAM JUNCTION DETAIL



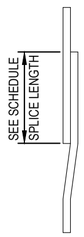
PLAN OF COLUMN BEAM
JUNCTION DETAIL



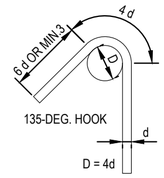
TYP. CORNER DETAIL
OF RCC WALL



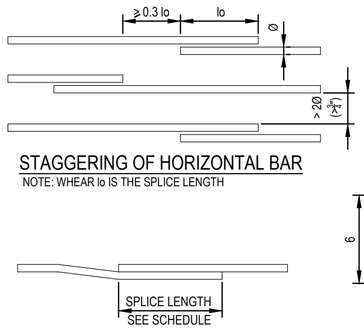
STANDARD BAR HOOKS



COLUMN SPLICE (TYP)

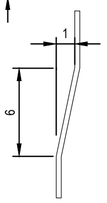


STIRRUPS AND TIE HOOKS

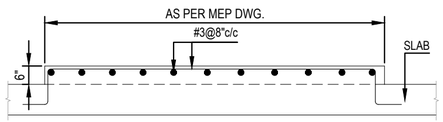


STAGGERING OF HORIZONTAL BAR
NOTE: WHEAR lo IS THE SPLICE LENGTH

BEAM SPLICE (TYP)



JOGGLE DETAIL (COLUMN)
RATIO (1:6)



TYPICAL CONCRETE PAD DETAIL

NOT FOR CONSTRUCTION

NOTES:

01- AT BEAM-BEAM JOINT,PROVIDE SHEAR REINFORCEMENT #3@4"C/C OR MID SECTION SHEAR REINFORCEMENT AS PROVIDED IN BEAM DETAILS

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

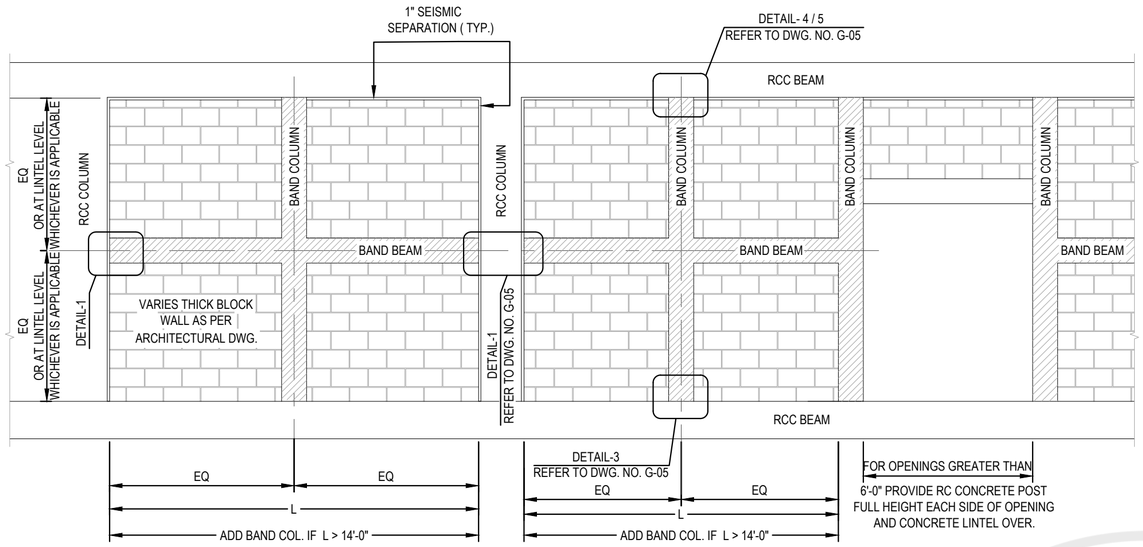
GENERAL DETAILS

REV.	DATE	DESCRIPTION

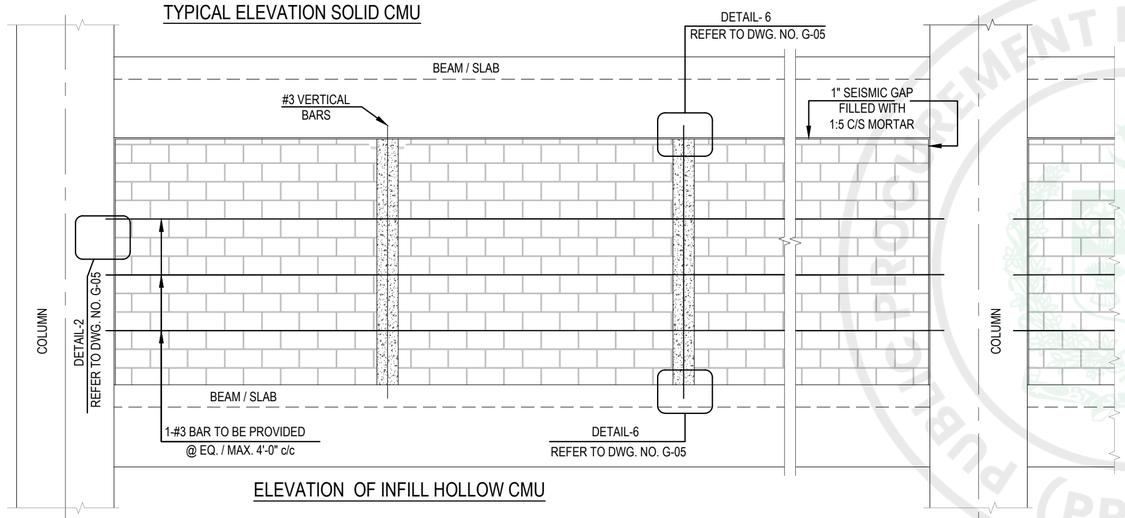
DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY: AM / AS / WM	DESIGN BY: K.G
CHECKED BY: A.M.D / M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-NCC-04- G-03	REVISION: 00

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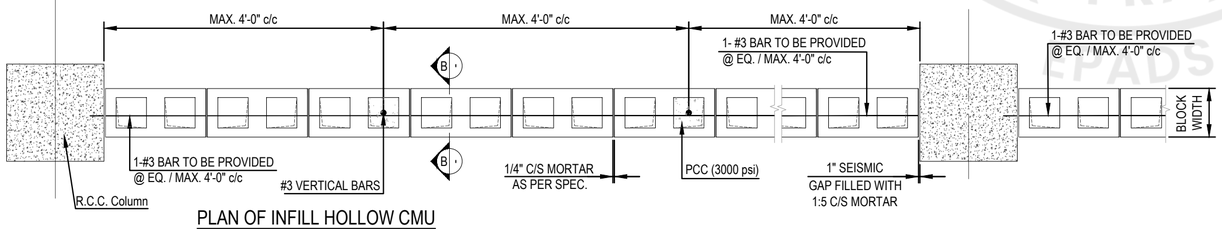
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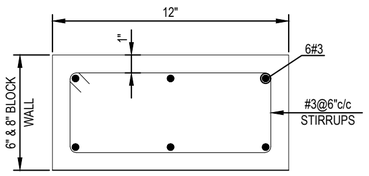
TYPICAL ELEVATION SOLID CMU



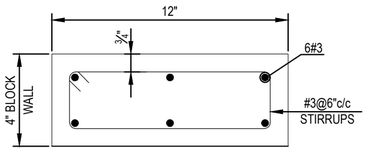
ELEVATION OF INFILL HOLLOW CMU



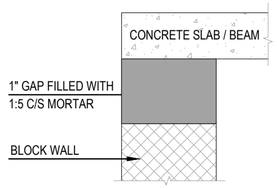
PLAN OF INFILL HOLLOW CMU



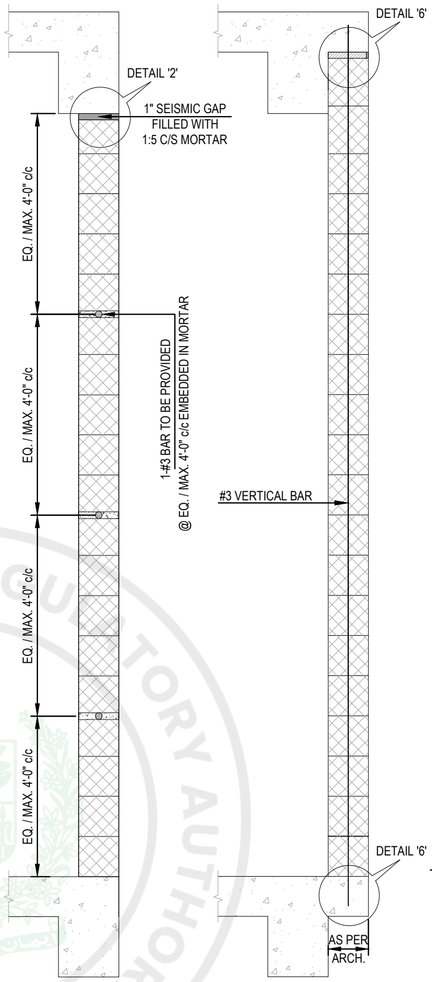
BAND BEAM / BAND COL



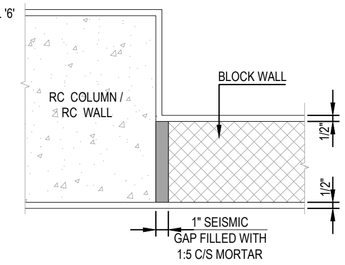
BAND BEAM / BAND COL



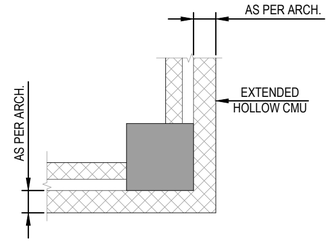
DETAIL '2'



SECTION B-B OF HOLLOW CMU

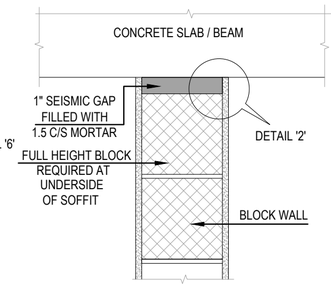


DETAIL BLOCK WALL WITH RC COLUMN

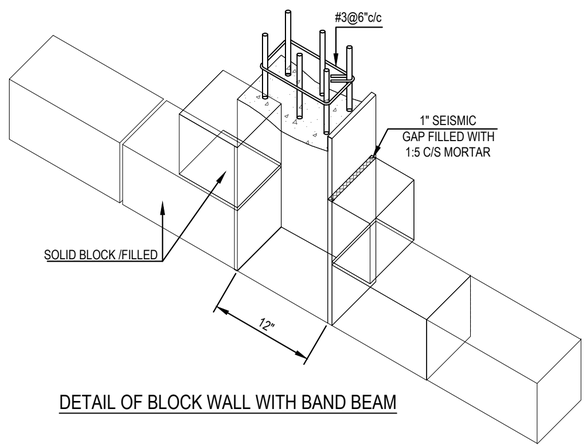


TYP. PLAN FOR EXTENDED HOLLOW CMU

TYP. SECTION FOR EXTENDED HOLLOW CMU AT SLAB EDGE



DETAIL B/W BLOCK AND RC SLAB OR RC BEAM



DETAIL OF BLOCK WALL WITH BAND BEAM

NOT FOR CONSTRUCTION

NOTES:

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

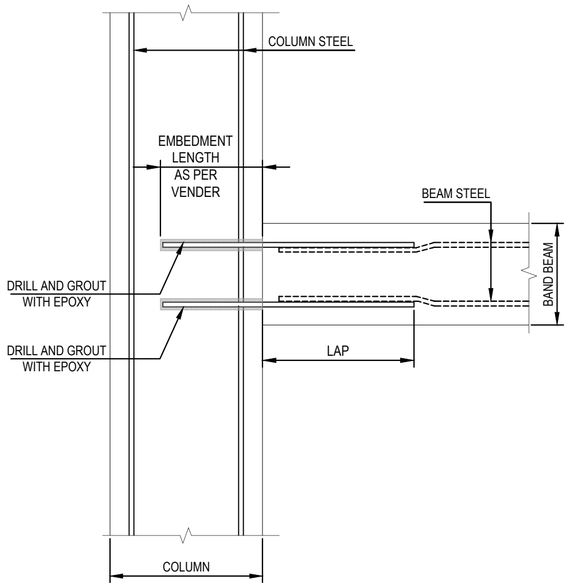
GENERAL DETAILS

REV.	DATE	DESCRIPTION

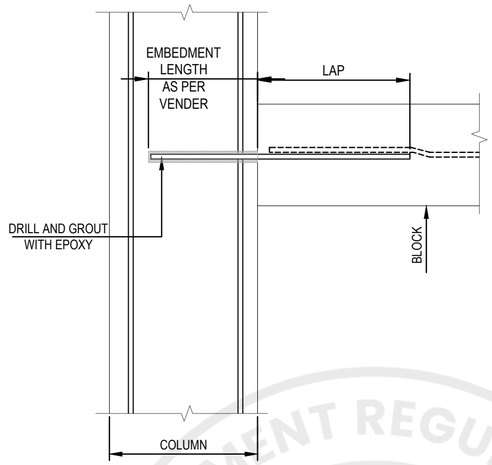
DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY: AM / AS / WM	DESIGN BY: K.G
CHECKED BY: A.M.D / M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-NCC-04- G-04	REVISION: 00

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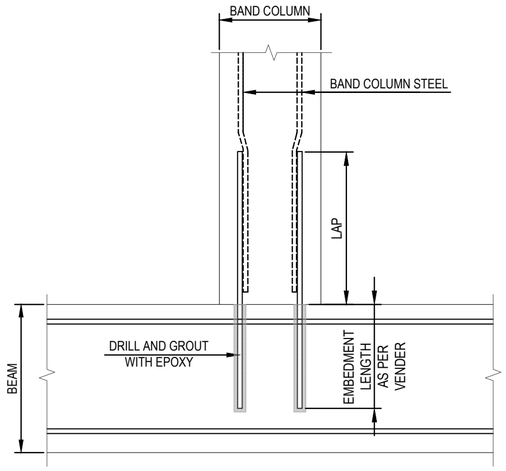
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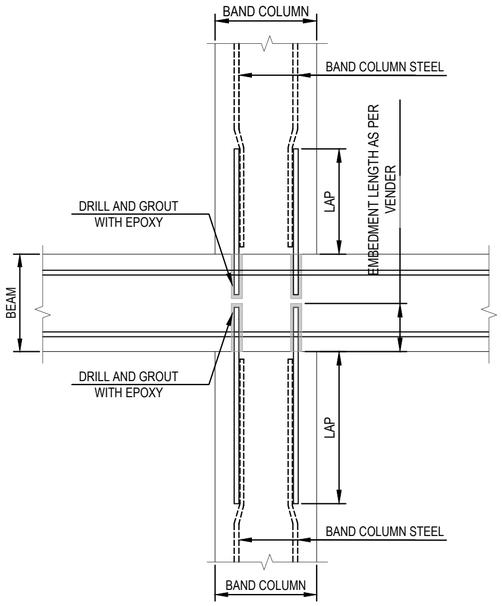
END COLUMN / BAND BEAM DETAIL-1



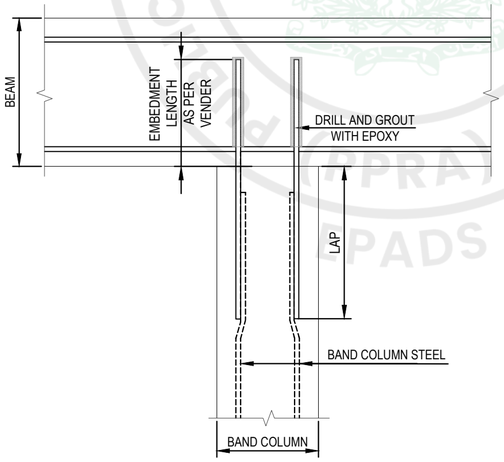
END COLUMN / U-BLOCK DOWELS DETAIL-2



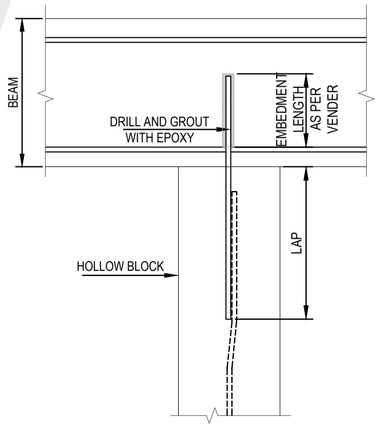
BAND COLUMN / BEAM DOWELS DETAIL-3



BAND COLUMN / BEAM DOWELS DETAIL-4



BAND COLUMN / BEAM DOWELS DETAIL-5
AT ROOF LEVEL



HOLLOW CMU PCC FILLING
DOWELS DETAIL-6

NOT FOR CONSTRUCTION

NOTES:

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

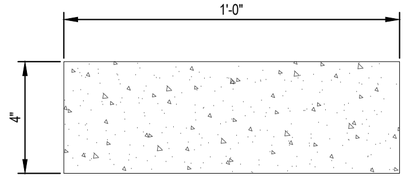
GENERAL DETAILS

REV.	DATE	DESCRIPTION

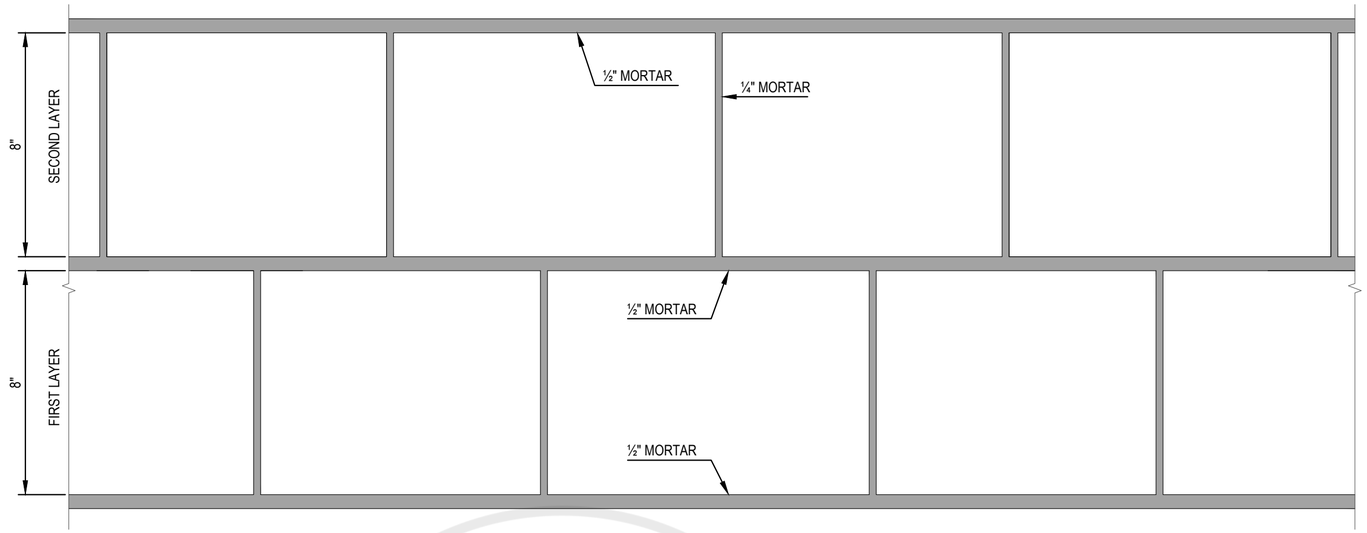
DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY: AM / AS / WM	DESIGN BY: K.G
CHECKED BY: A.M.D / M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-NCC-04- G-05	REVISION: 00

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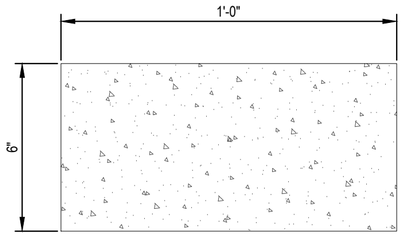
4" WIDE SOLID BLOCK



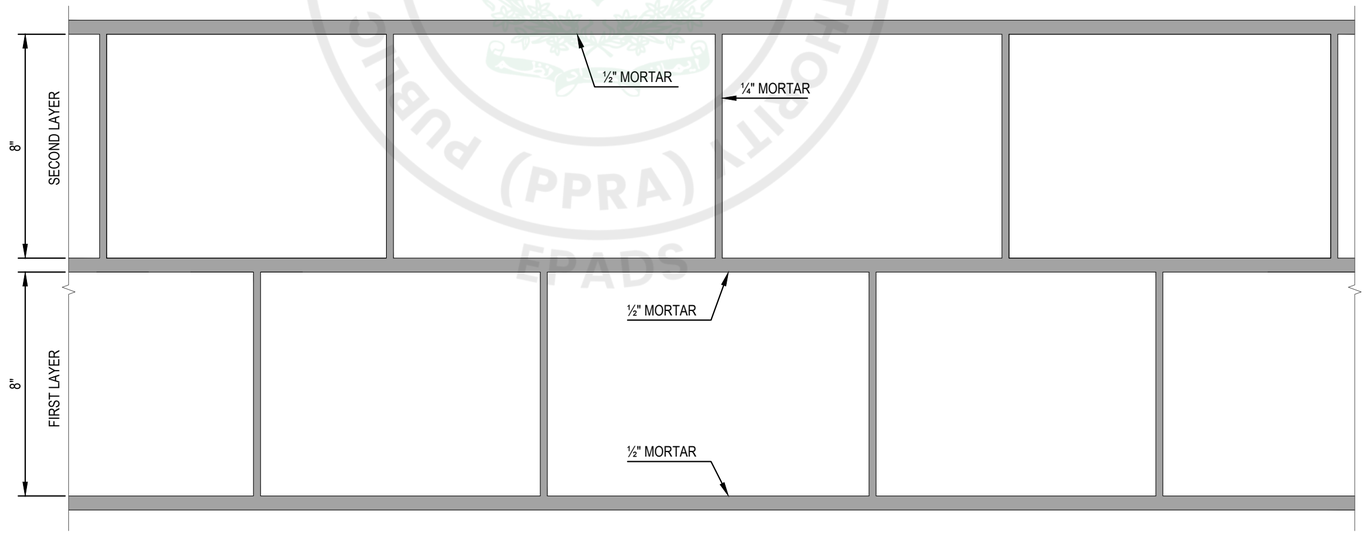
ELEVATION



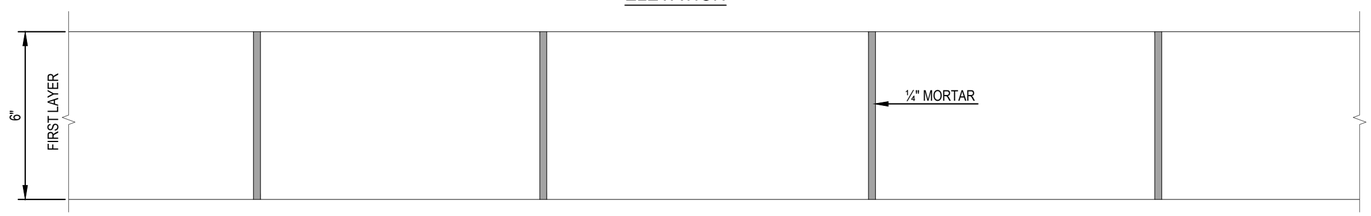
PLAN VIEW



6" WIDE SOLID BLOCK



ELEVATION



PLAN VIEW

NOT FOR CONSTRUCTION

NOTES:

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

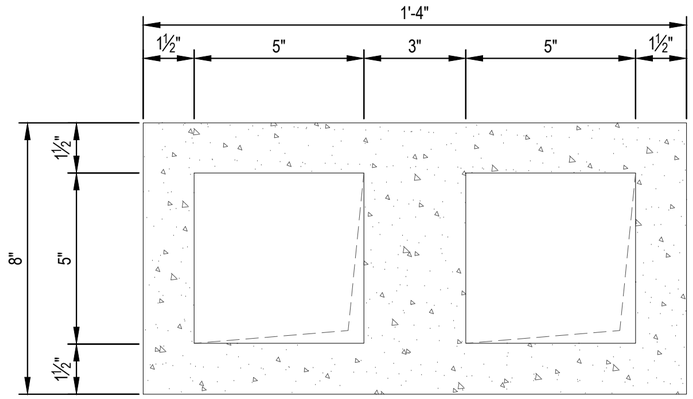
4" & 6" WIDE SOLID BLOCK

REV.	DATE	DESCRIPTION

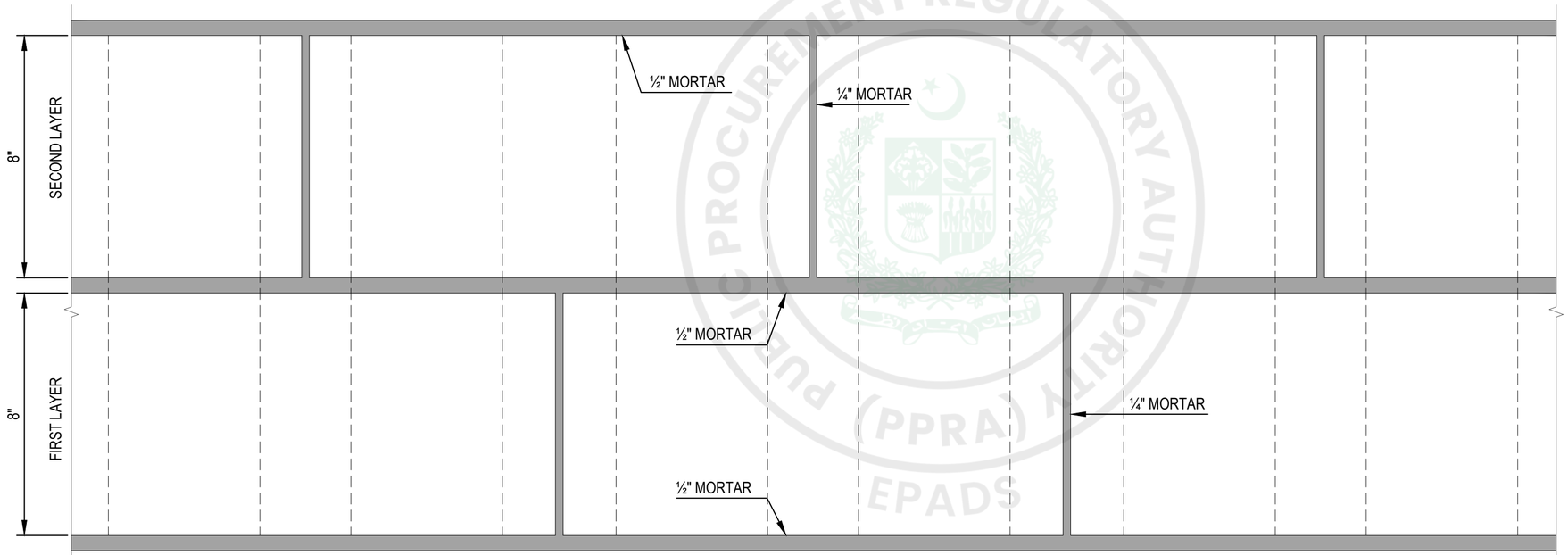
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DRAWN BY: AM / AS / WM	DESIGN BY: K.G
CHECKED BY: A.M.D / M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-NCC-04- G-06	REVISION: 00

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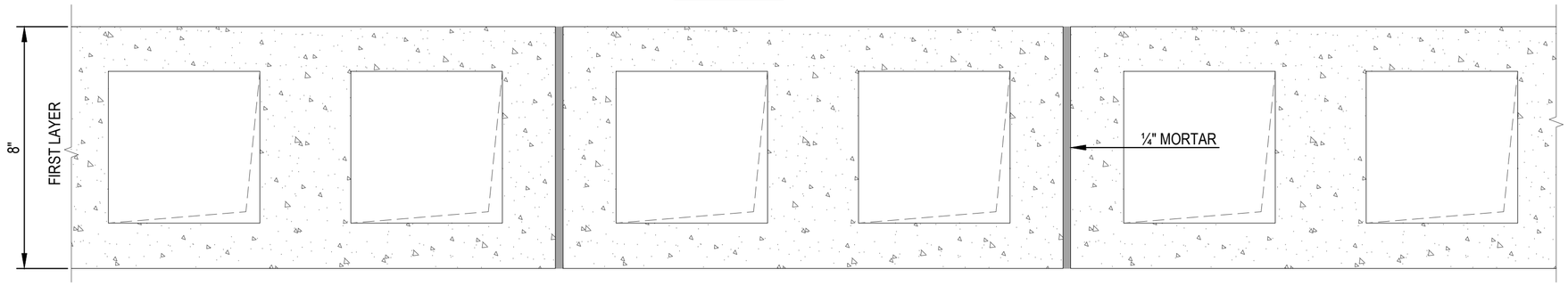
PROCUREMENT REGULATORY AUTHORITY PUBLIC (PPRA) EPADS



8" WIDE HOLLOW BLOCK



ELEVATION



PLAN VIEW

NOT FOR CONSTRUCTION

NOTES:

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

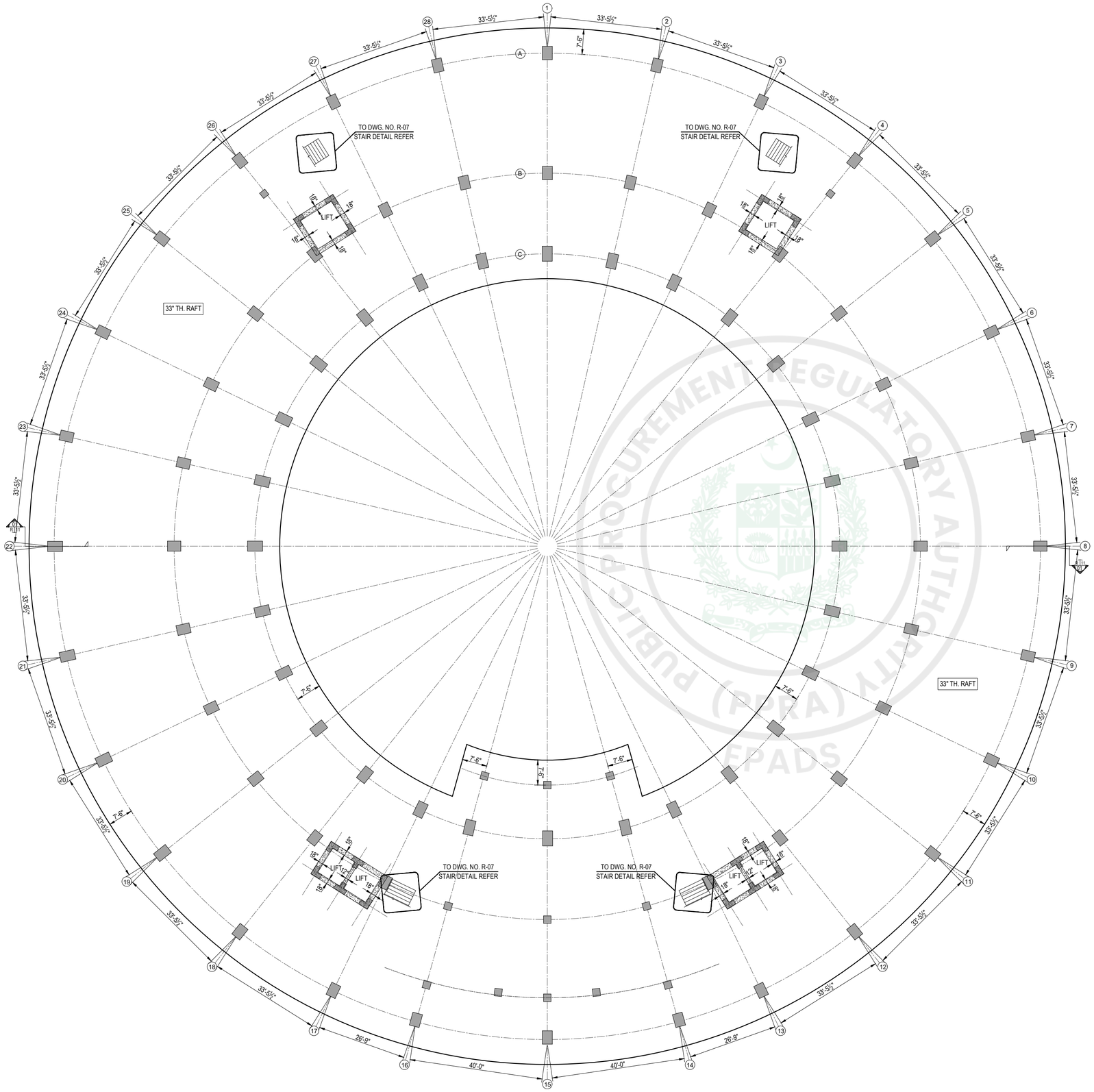
DRAWING TITLE:

8" WIDE HOLLOW BLOCK

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY: AM / AS / WM	DESIGN BY: K.G
CHECKED BY: A.M.D / M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-NCC-04- G-07	REVISION: 00

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RAFT LAYOUT PLAN

RAFT THICKNESS = 33" UNLESS NOTES OTHERWISE

NOTES:

1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ARCHITECTURAL AND MEP DRAWINGS.
2. LAP OF TOP BARS IN RAFT SHALL BE PROVIDED AT COLUMN SUPPORT WHEN REQUIRED.
3. LAP OF BOTTOM BARS IN RAFT SHALL BE PROVIDED AT MID SPAN WHEN REQUIRED.
4. FOR OPENING REINFORCEMENT DETAILS, REFER TO DRAWING NO. G-02.
5. WATER PROOFING ADMIXTURE SHALL BE USED IN CONCRETE OF WALLS & BASE OF ALL WATER RETAINING STRUCTURE.
6. FOR MAXIMUM POUR SIZE OF RAFT CONCRETING ,REFER TO GENERAL NOTES 10.2.7.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

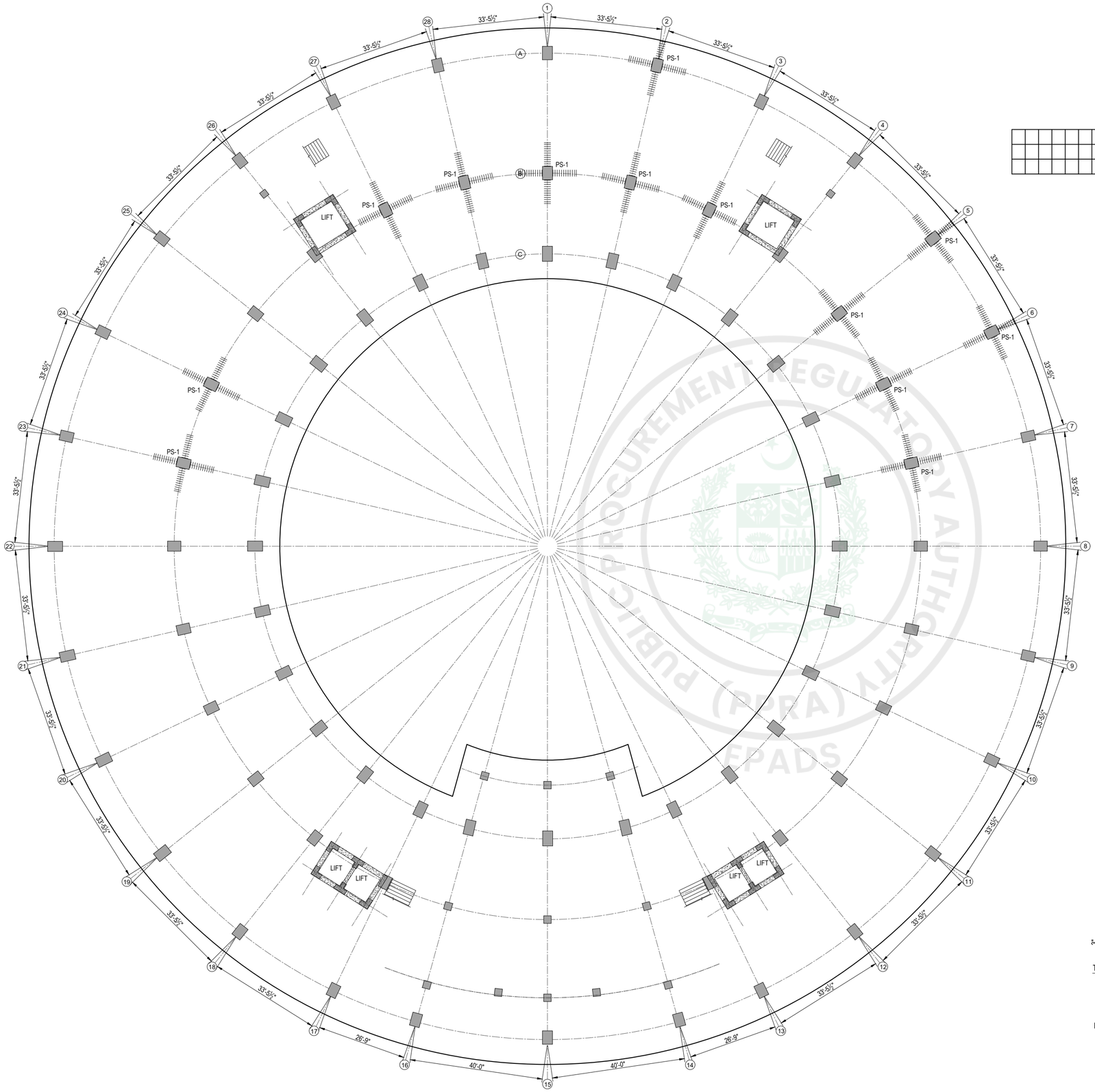
RAFT LAYOUT PLAN

REV.	DATE	DESCRIPTION

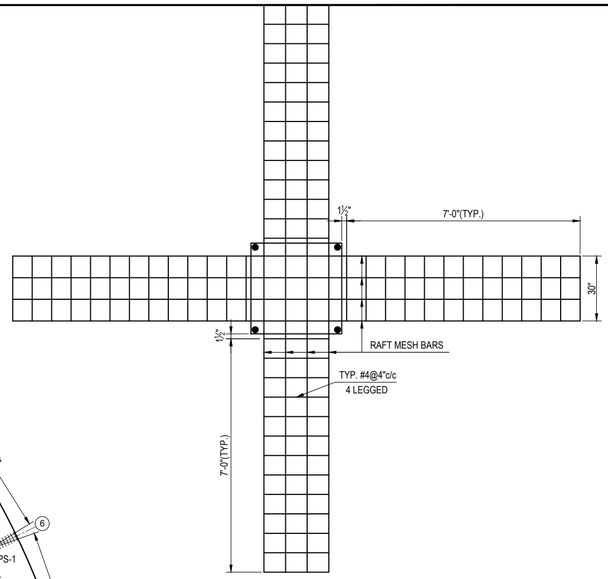
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DRAWN BY: AM / AS / WM	DESIGN BY: K.G
CHECKED BY: A.M.D / M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-NCC-04- R-01	REVISION: 00

NOT FOR CONSTRUCTION

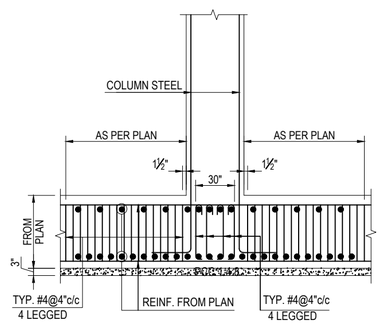
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PUNCHING SHEAR REINFORCEMENT PLAN



TYP. PLAN OF SHEAR REINFORCEMENT
PS-1



TYP. SECTION OF SHEAR REINFORCEMENT PS-1
REINF. FROM PLAN

NOT FOR CONSTRUCTION

NOTES:

1. ALL COLUMNS ARE CONCENTRIC TO GRID LINES UNLESS NOTED OTHERWISE.
2. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ARCHITECTURAL & MEP DRAWINGS.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

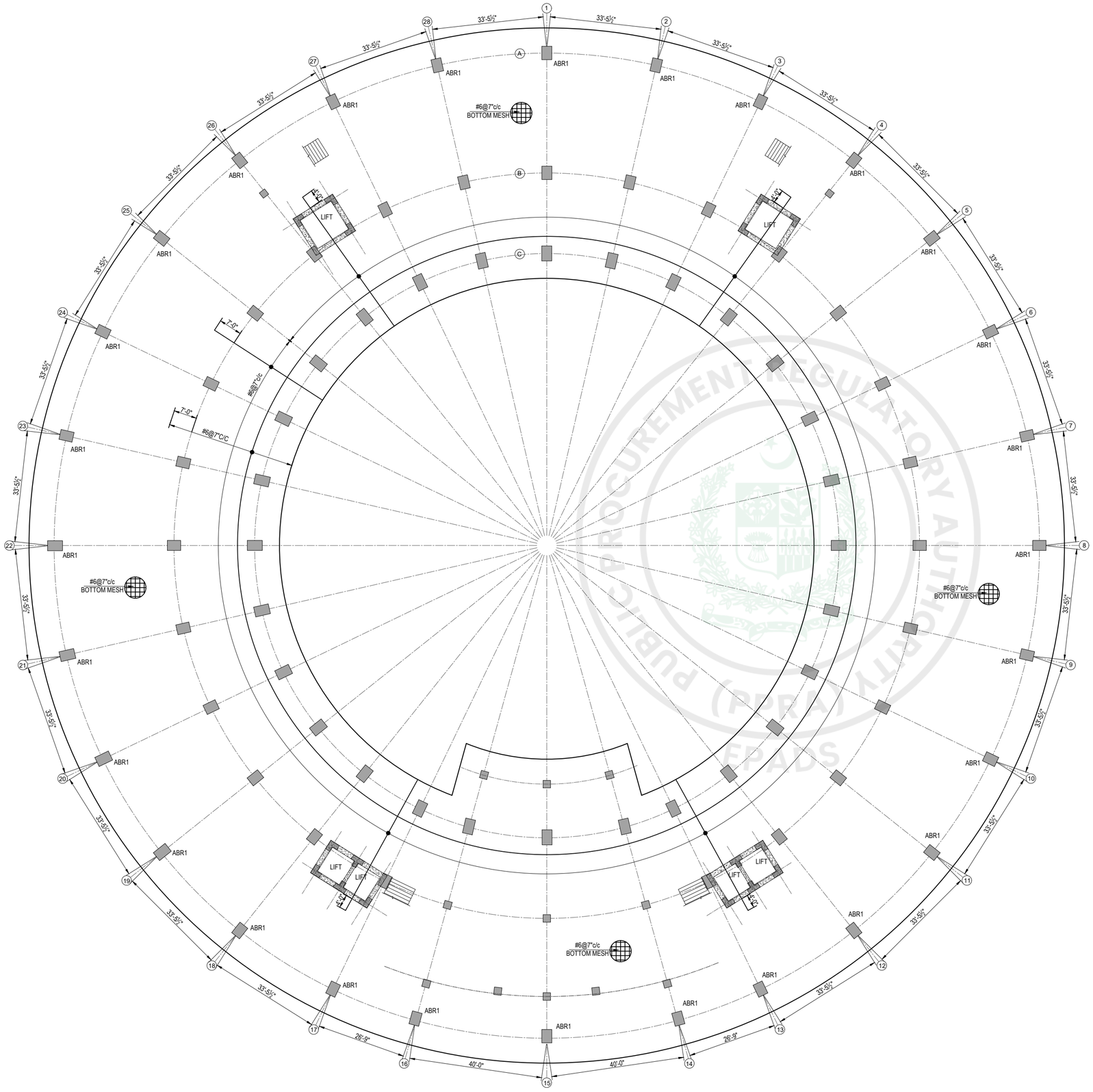
PUNCHING SHEAR REINFORCEMENT PLAN AND DETAIL

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY: AM / AS / WM	DESIGN BY: K.G
CHECKED BY: A.M.D / M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-NCC-04- R-02	REVISION: 00

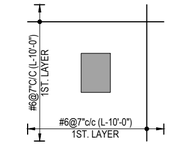
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BOTTOM MESH AND BOTTOM ADDITIONAL REINFORCEMENT PLAN OF RAFT

ADDITIONAL REINFORCEMENT MARKED ON THIS PLAN SHALL BE ADJUSTED IN MAIN MESH



ADD. BOTTOM REINFORCEMENT
ABR1

NOTES:

1. ALL COLUMNS ARE CONCENTRIC TO GRID LINES UNLESS NOTED OTHERWISE.
2. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ARCHITECTURAL & MEP DRAWINGS.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

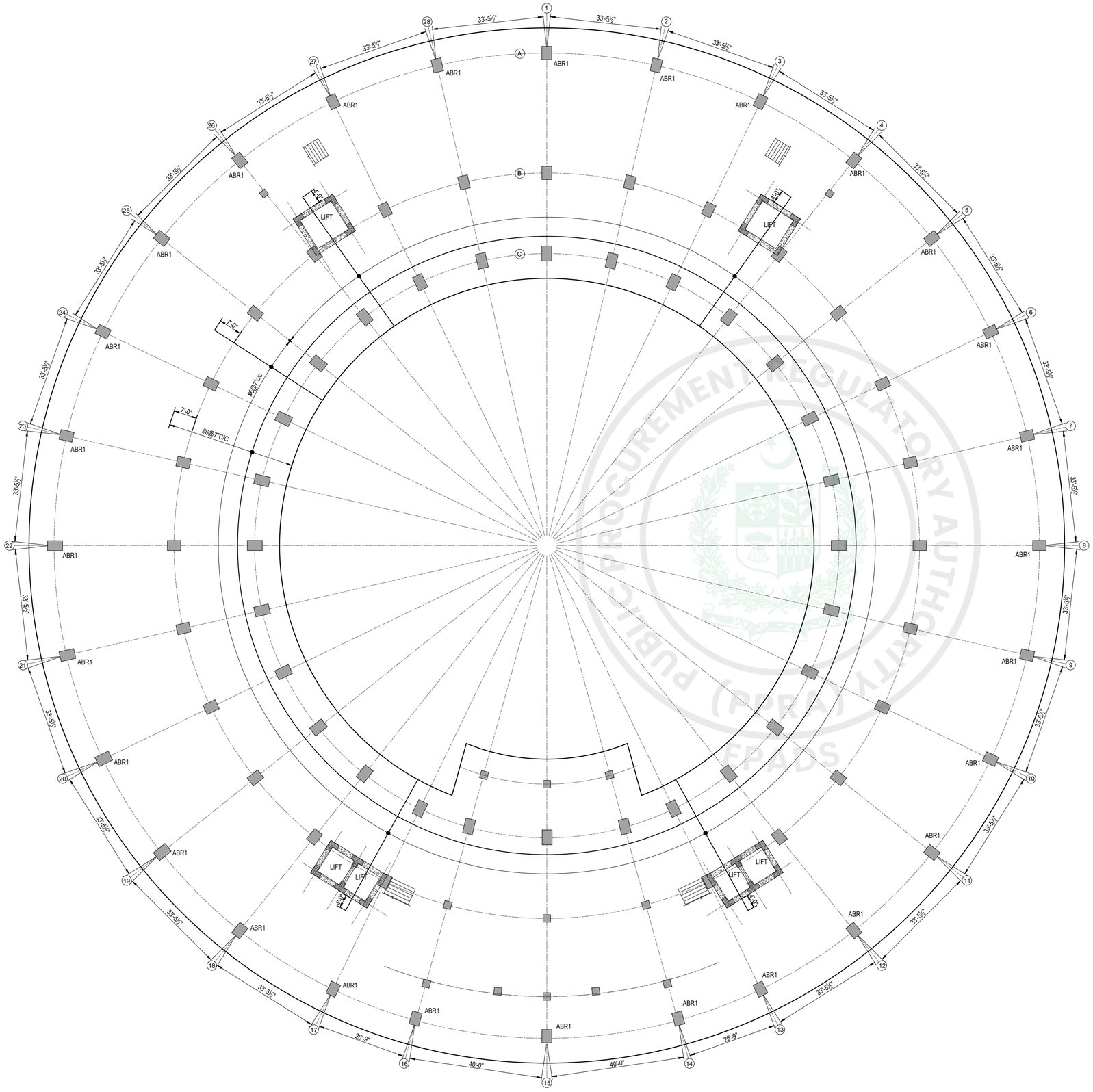
BOTTOM MESH AND BOTTOM ADDITIONAL REINFORCEMENT PLAN OF RAFT

REV.	DATE	DESCRIPTION

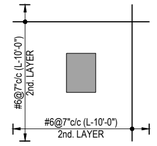
DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY: AM / AS / WM	DESIGN BY: K.G
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DRAWING NO. CNCCI-NCC-04- R-03	REVISION: 00

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BOTTOM ADDITIONAL REINFORCEMENT PLAN OF RAFT(2ND LAYER)



ADD. BOTTOM 2ND LAYER
REINFORCEMENT
ABR1

NOTES:

1. ALL COLUMNS ARE CONCENTRIC TO GRID LINES UNLESS NOTED OTHERWISE.
2. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ARCHITECTURAL & MEP DRAWINGS.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW
CONVENTION CENTER
ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

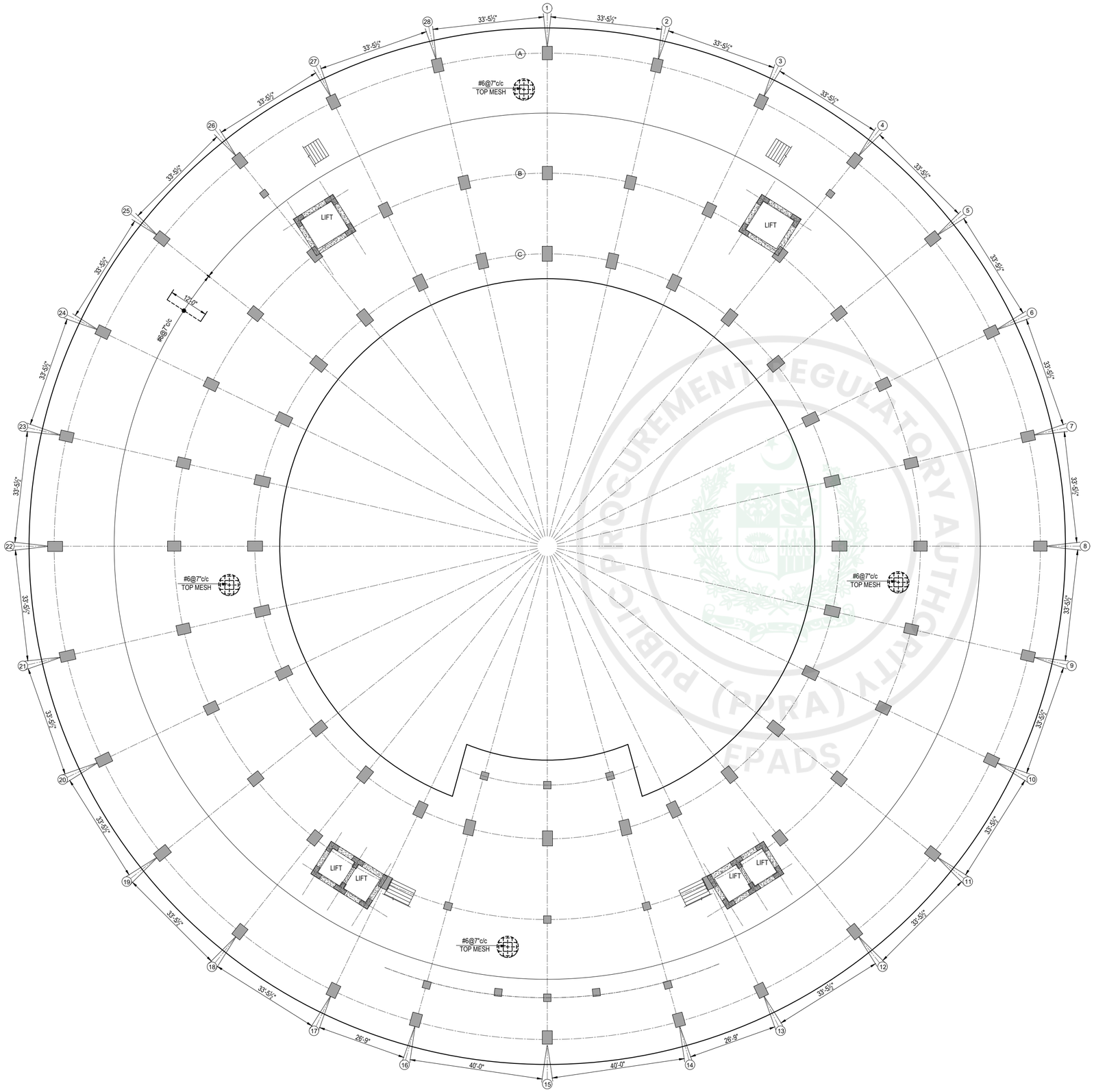
DRAWING TITLE:
BOTTOM ADDITIONAL
REINFORCEMENT PLAN OF RAFT
(2ND LAYER)

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY: AM / AS / WM	DESIGN BY: K.G
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TOP MESH AND TOP ADDITIONAL REINFORCEMENT PLAN OF RAFT

ADDITIONAL REINFORCEMENT MARKED ON THIS PLAN SHALL BE ADJUSTED IN MAIN MESH

NOT FOR CONSTRUCTION

NOTES:

1. ALL COLUMNS ARE CONCENTRIC TO GRID LINES UNLESS NOTED OTHERWISE.
2. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ARCHITECTURAL & MEP DRAWINGS.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

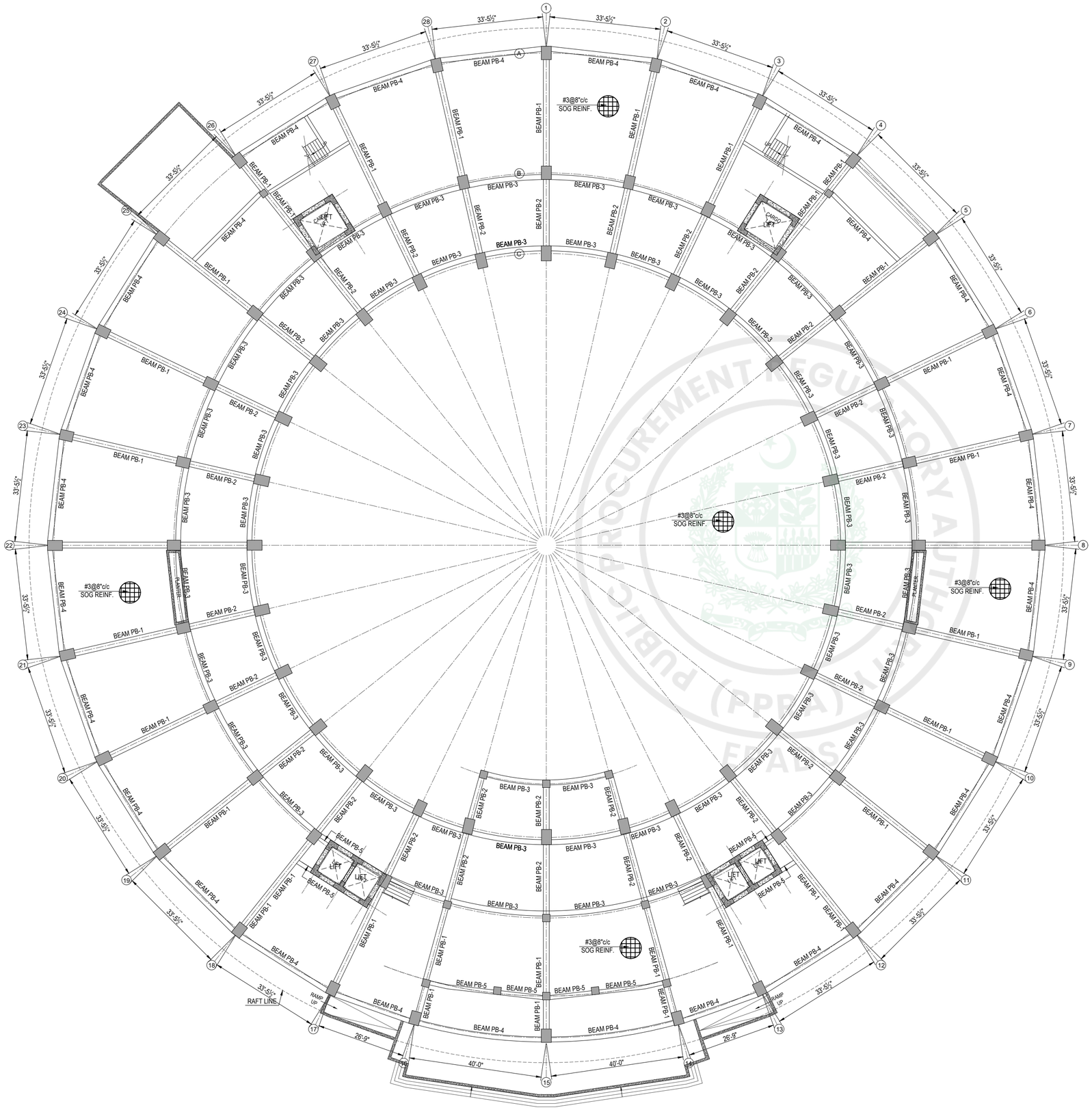
TOP MESH AND TOP ADDITIONAL REINFORCEMENT PLAN OF RAFT

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY: AM / AS / WM	DESIGN BY: K.G
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PLINTH BEAM AND SOG LAYOUT PLAN

PROVIDE CONSTRUCTION JOINT AT EVERY 20 FEET IN BOTH DIRECTION

SOG = 6" TH

NOT FOR CONSTRUCTION

NOTES:

1. ALL COLUMNS ARE CONCENTRIC TO GRID LINES UNLESS NOTED OTHERWISE.
2. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ARCHITECTURAL & MEP DRAWINGS.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

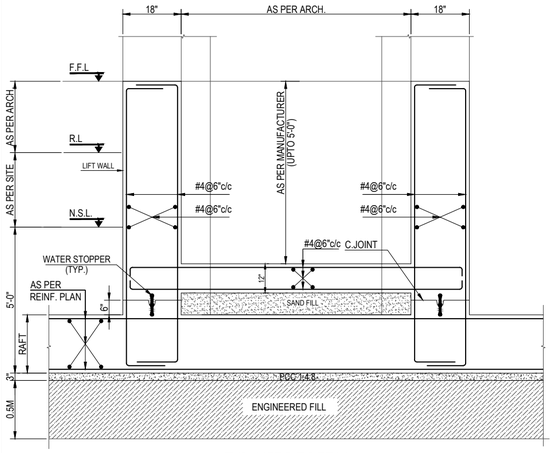
PLINTH BEAM AND SOG LAYOUT PLAN

REV.	DATE	DESCRIPTION

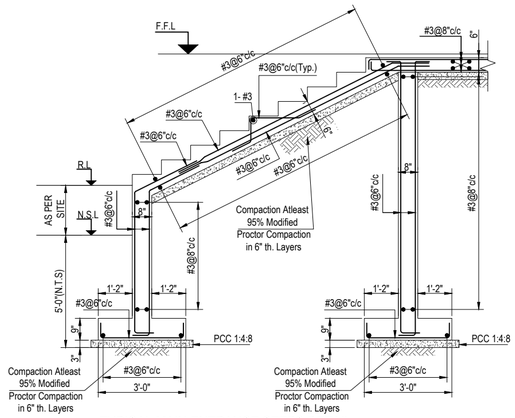
DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY: AM / AS / WM	DESIGN BY: K.G
CHECKED BY: A.M.D / M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-NCC-04-R-06	REVISION: 00

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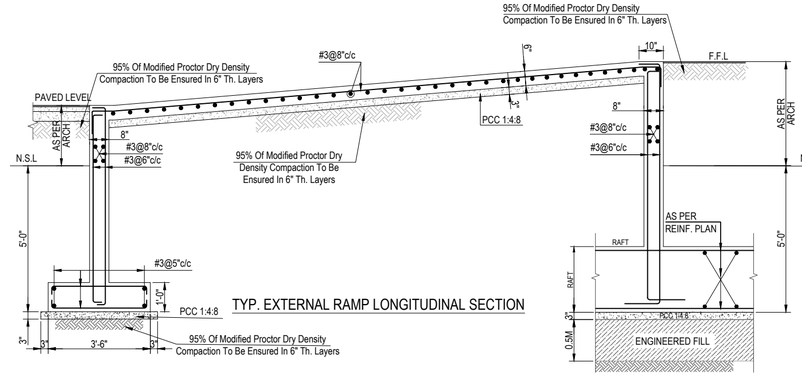


TYP. LIFT PIT DETAIL

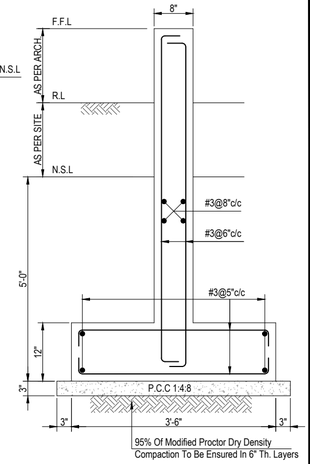


TYPICAL MAIN ENTRANCE STEPS DETAIL

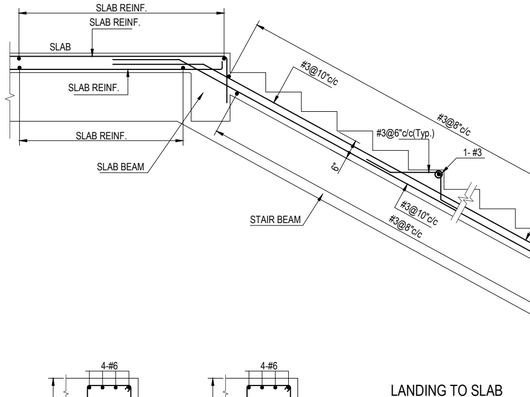
WHEN TOE WALL OCCURS UNDER RAFT EXTENT, THEN NO SEPARATE STRIP FOOTING IS REQUIRED UNDER TOE WALL. TOE WALL TO BE PLACED ON RAFT.



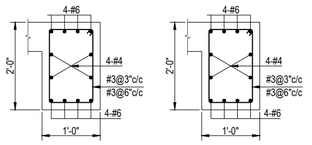
TYP. EXTERNAL RAMP LONGITUDINAL SECTION



TYP. TOE WALL DETAIL

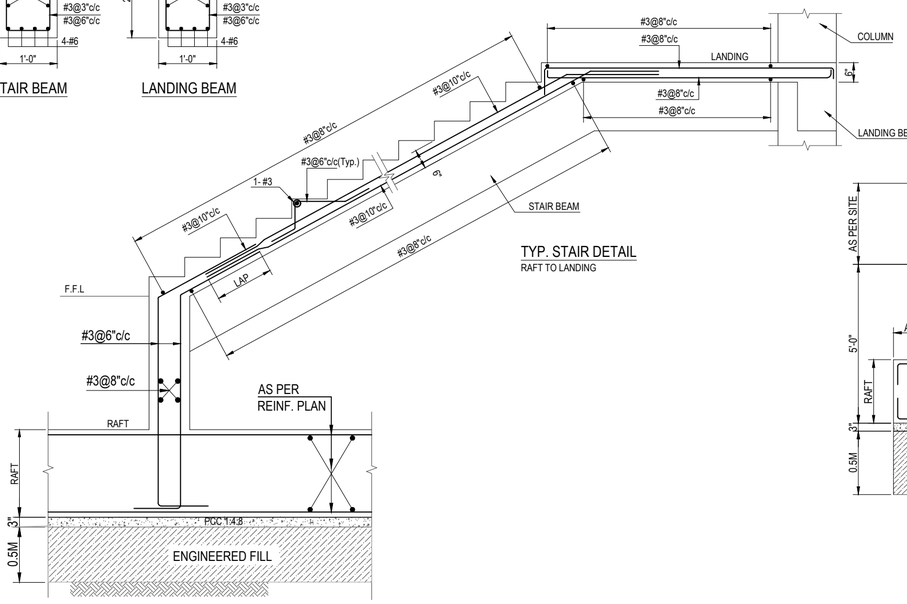


LANDING TO SLAB

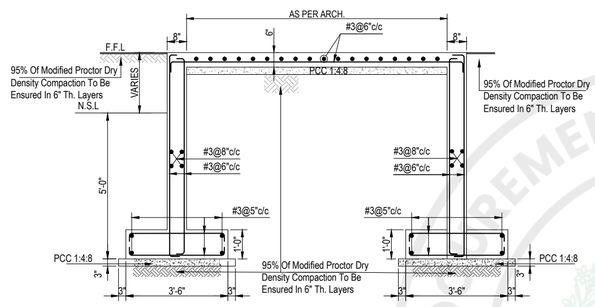


STAIR BEAM

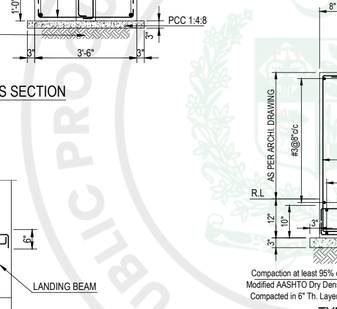
LANDING BEAM



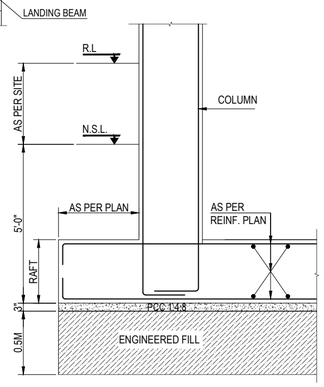
TYP. STAIR DETAIL
RAFT TO LANDING



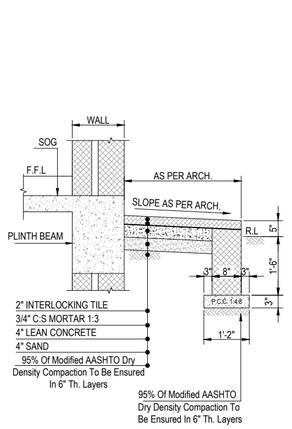
TYP. EXTERNAL RAMP CROSS SECTION



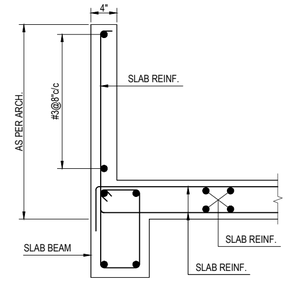
TYPICAL PLANTER DETAIL



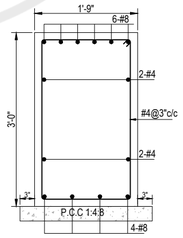
TYP. RAFT SECTION DETAIL
SECTION - 1



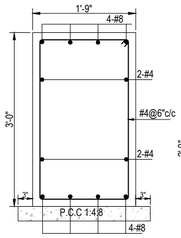
TYP. PLINTH PROTECTION



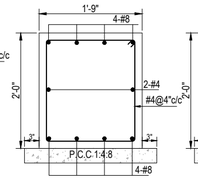
TYPICAL PARAPET DETAIL



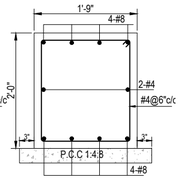
PLINTH BEAM PB-1
AT END SPAN



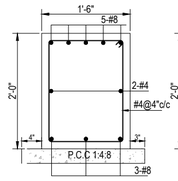
PLINTH BEAM PB-1
AT MID SPAN



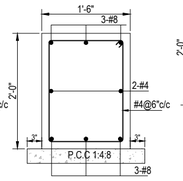
PLINTH BEAM PB-2
AT END SPAN



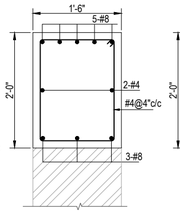
PLINTH BEAM PB-2
AT MID SPAN



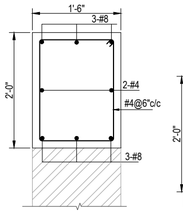
PLINTH BEAM PB-3
AT END SPAN



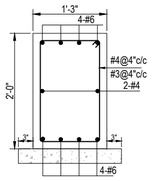
PLINTH BEAM PB-3
AT MID SPAN



PLINTH BEAM PB-4
AT END SPAN



PLINTH BEAM PB-4
AT MID SPAN



PLINTH BEAM PB-5

NOT FOR CONSTRUCTION

NOTES:

1. ALL COLUMNS ARE CONCENTRIC TO GRID LINES UNLESS NOTED OTHERWISE.
2. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ARCHITECTURAL & MEP DRAWINGS.
3. FOR LOCATION AND SIZE OF OPENINGS IN RETAINING WALLS SHALL BE REFERRED FROM MEP DRAWINGS.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

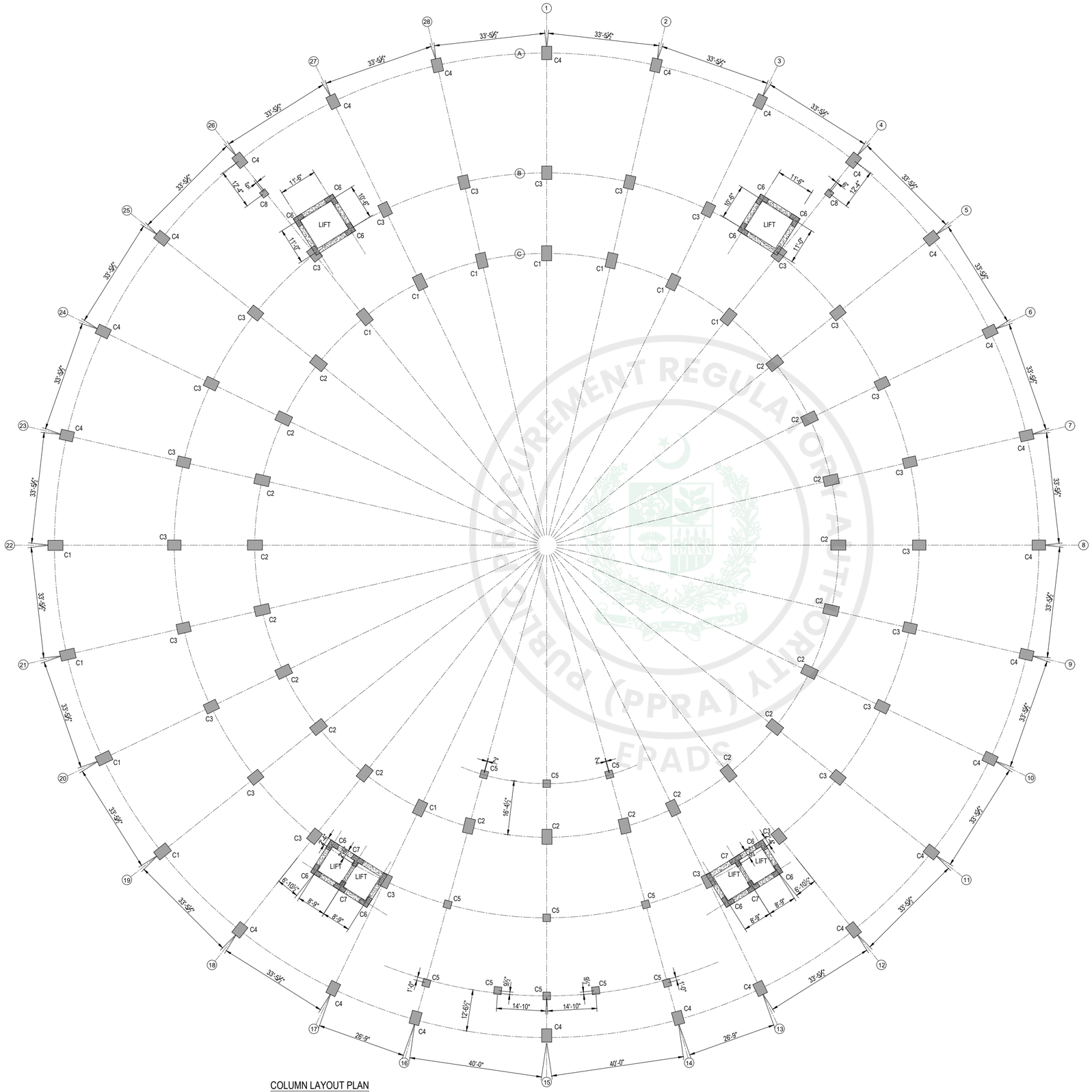
PLINTH BEAM SECTION AND TYPICAL DETAILS

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY: AM / AS / WM	DESIGN BY: K.G
CHECKED BY: A.M.D / M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-NCC-04- R-07	REVISION: 00

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COLUMN LAYOUT PLAN

NOTES:

1. ALL COLUMNS ARE CONCENTRIC TO GRID LINES UNLESS NOTED OTHERWISE.
2. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ARCHITECTURAL & MEP DRAWINGS.
3. COLUMNS ON GRID SHALL BE EXTEND 3'-0" UPWARD FROM ROOF SLAB.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

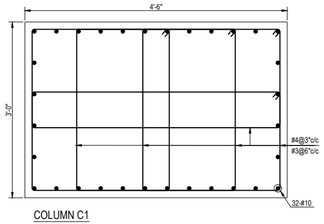
COLUMN LAYOUT PLAN

REV.	DATE	DESCRIPTION

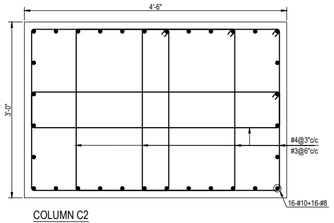
DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY: AM / AS / WM	DESIGN BY: K.G
CHECKED BY: A.M.D / M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-NCC-04- C-01	REVISION: 00

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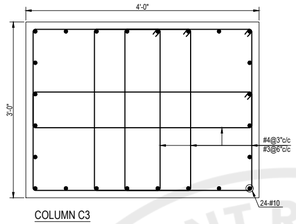
GOVERNMENT REGULATORY AUTHORITY PUBLIC PROCUREMENT (PPRA) EPADS



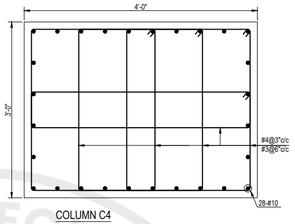
COLUMN C1



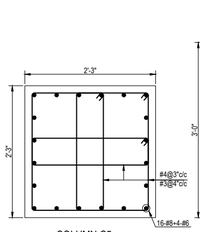
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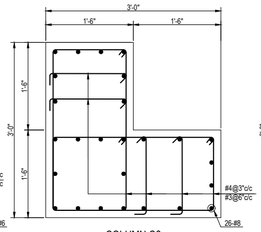
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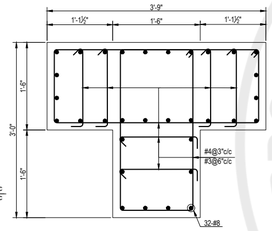
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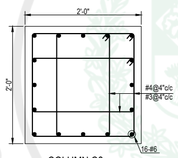
COLUMN C5



COLUMN C6

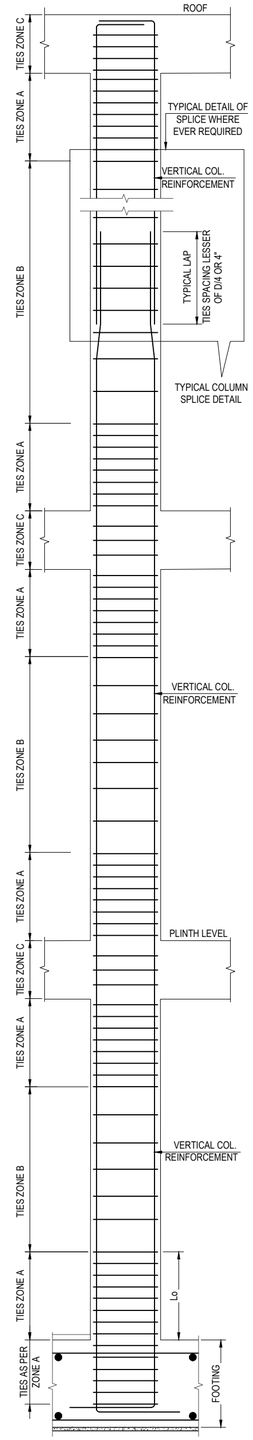


COLUMN C7



COLUMN C8

TRANSVERSE REINFORCEMENT OF COLUMNS		
Lo (ZONE - A)	GREATER OF	a. 1/6 OF CLEAR SPAN OF COLUMN b. MAXIMUM OF CROSS-SECTIONAL DIMENSION OF COLUMN c. 18 INCH
TIES IN ZONE - C	SAME AS ZONE - A	



TYPICAL COLUMN ELEVATION

NOT FOR CONSTRUCTION

NOTES:

1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ARCHITECTURAL & MEP DRAWINGS.
2. COLUMN SPLICE SHALL BE PROVIDED AT MID OF STOREY HEIGHT WHEN REQUIRED.
3. WHEN THERE IS A CHANGE IN THE COLUMN STEEL, GREATER OF THE STEEL AT A STORY LEVEL SHALL BE DEVELOPED ABOVE OR BELOW THE STORY LEVEL AS MENTIONED IN THE COLUMN ELEVATIONS.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

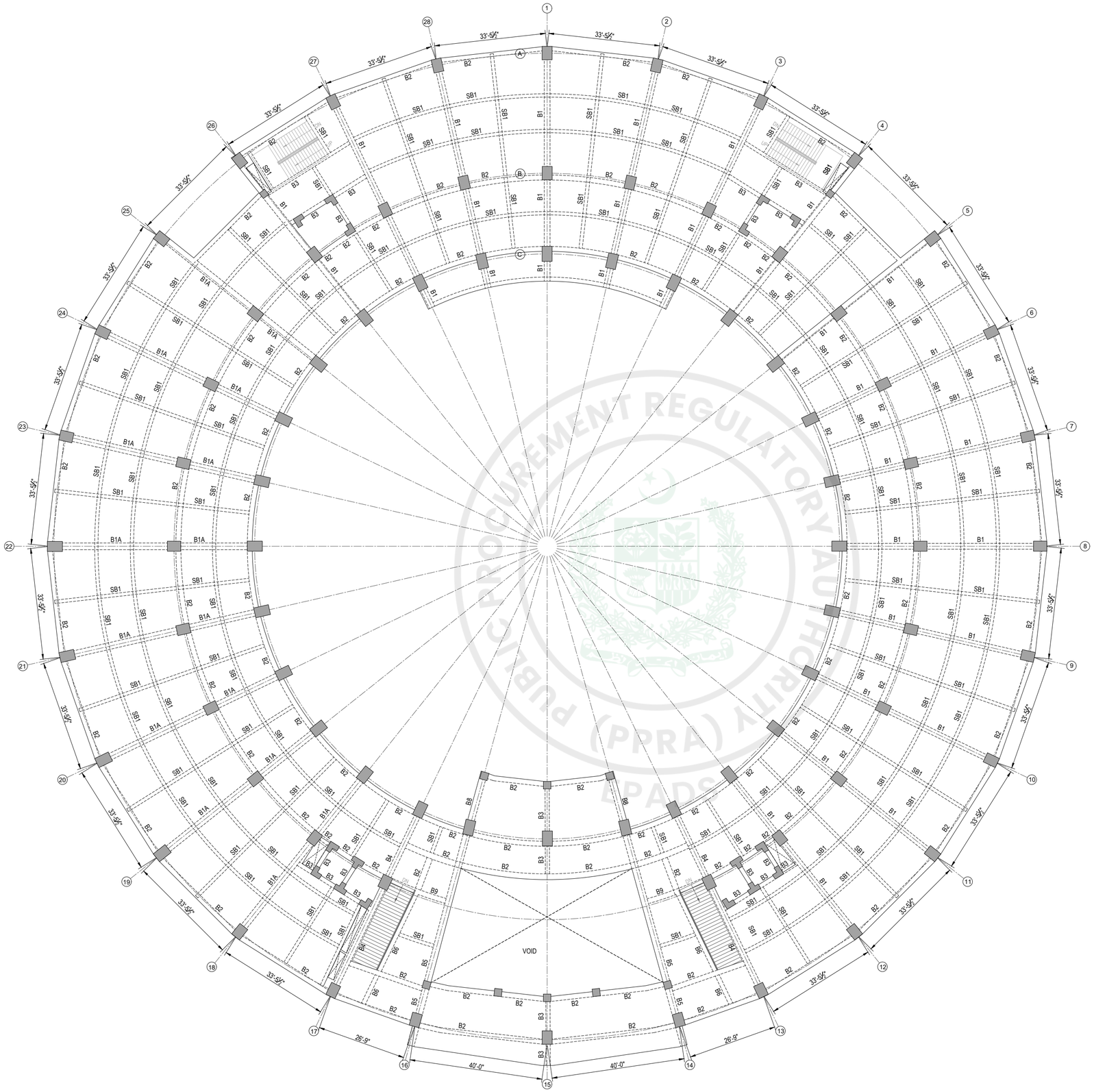
DRAWING TITLE:

TYPICAL COLUMNS SCHEDULE & DETAILS

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY: AM / AS / WM	DESIGN BY: K.G
CHECKED BY: A.M.D / M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-NCC-04- C-02	REVISION: 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



BEAM LAYOUT PLAN OF 1st. FLOOR

SLAB THICKNESS = 5" UNLESS NOTED OTHERWISE

NOTES:

1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ARCHITECTURAL & MEP DRAWINGS.
2. FOR LEVELS AND OPENING SIZES REFER TO ARCHITECTURAL AND MEP DRAWINGS.
3. THE CONTRACTOR SHALL COORDINATE OPENINGS FOR MEP DUCTS WITH MEP DRAWINGS BEFORE EXECUTION. ANY DISCREPANCY SHALL BE REPORTED TO DESIGN TEAM BEFORE EXECUTION.
4. ALL STEEL STRUCTURAL AND ALLIED CONCRETE WORK AND ELEMENTS ARE DESIGN BUILT JOBS TO BE DONE BY RELEVANT VENDER. FURTHER IF ALREADY GIVEN STRUCTURAL CONCRETE DETAIL ARE NEEDED TO BE MODIFIED, RELEVANT VENDOR MAY SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES AT SITE.
5. DRAWING TO BE COORDINATED WITH ALL DISCIPLINES IF ANY ADDITIONAL / SPECIAL MODIFICATION IS REQUIRED, THE SAME SHALL BE CONVEYED TO DESIGN TEAM.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

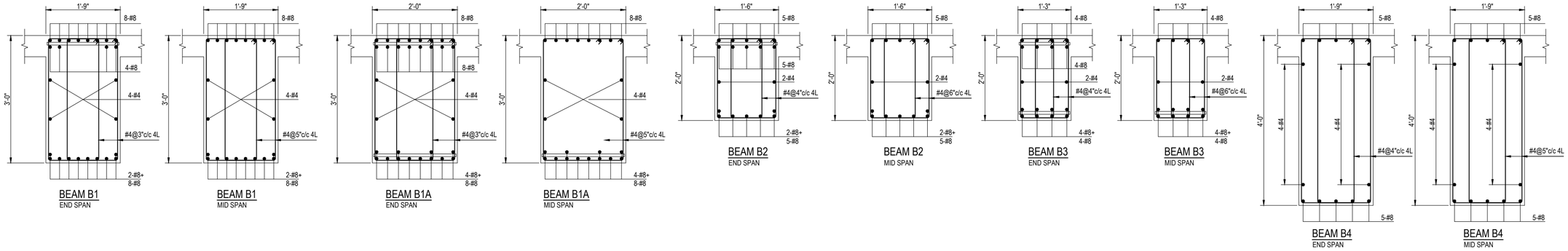
BEAM LAYOUT PLAN OF 1st. FLOOR

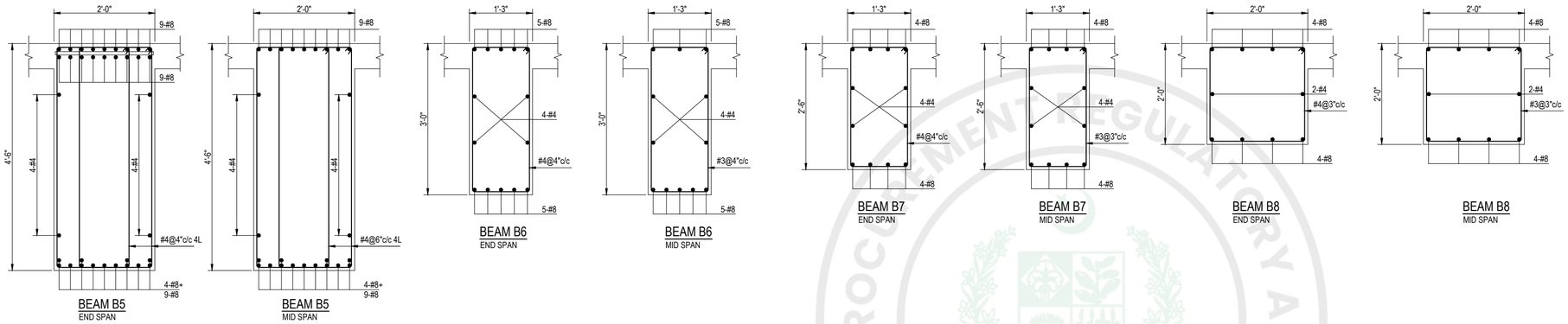
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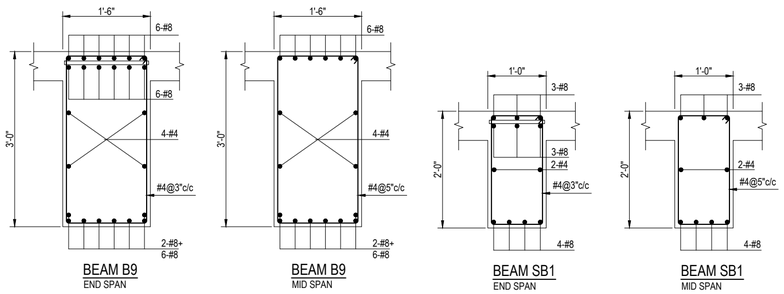
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DRAWN BY: AM / AS / WM	DESIGN BY: K.G
CHECKED BY: A.M.D / M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-NCC-06-01	REVISION: 00

NOT FOR CONSTRUCTION

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NOTES:

1. WHERE THERE IS CHANGE IN BEAM SECTION,TOP STEEL SHALL BE FROM SECTION HAVING MORE REINFORCEMENT.
2. FOR TYPICAL BEAM ELEVATION,REFER TO DWG # G-02.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

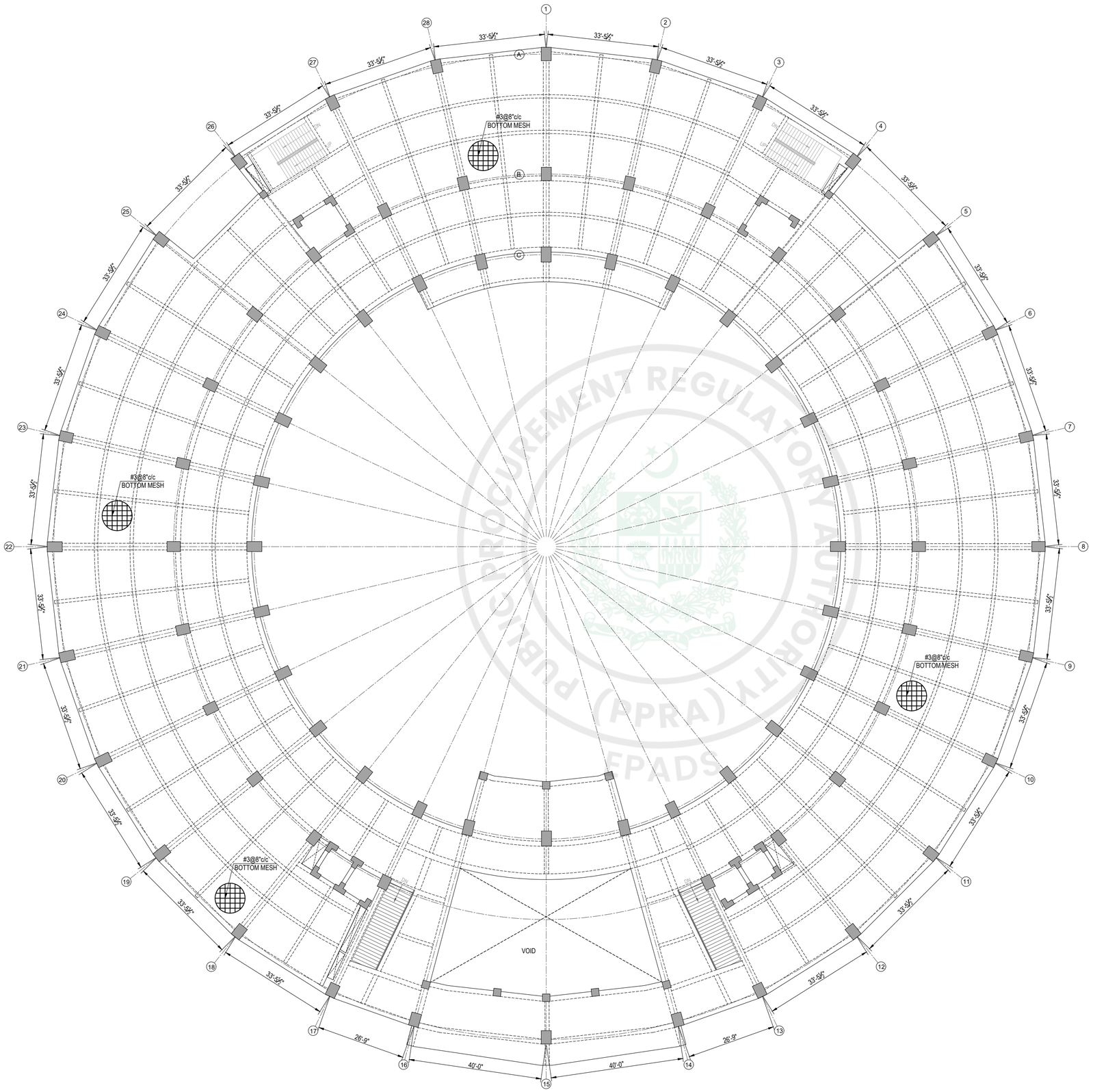
BEAM SECTIONS OF FIRST FLOOR

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY: AM / AS / WM	DESIGN BY: K.G
CHECKED BY: A.M.D / M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-NCC-06-01A	REVISION: 00

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PROCUREMENT REGULATORY AUTHORITY (PPRA) PUBLIC
EPADS



BOTTOM REINFORCEMENT PLAN OF 1st. FLOOR

NOTES:

1. LAP OF BOTTOM BARS IN SLAB SHALL BE PROVIDED AT BEAMS.
2. LAP OF TOP BARS IN SLAB SHALL BE PROVIDED AT MID SPAN.
3. FOR REINFORCEMENT AROUND OPENINGS, REFER TO DWG # G-02.
4. FOR CURTAILMENT OF TOP BARS IN SLABS, REFER TO " BAR CUTOFF DETAIL FOR BEAM SUPPORTED SLAB " IN DWG. # G-02.
5. FOR CURTAILMENT OF TOP BARS, CLEAR SPAN FOR 0.25L AND 0.3L SHALL BE CONSIDERED BETWEEN MAIN PRIMARY BEAMS.
6. CAMBER OF L/240 TO BE PROVIDED IN ALL SLAB PANELS, WHERE L IS THE DIAGONAL LENGTH OF SLAB PANEL

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

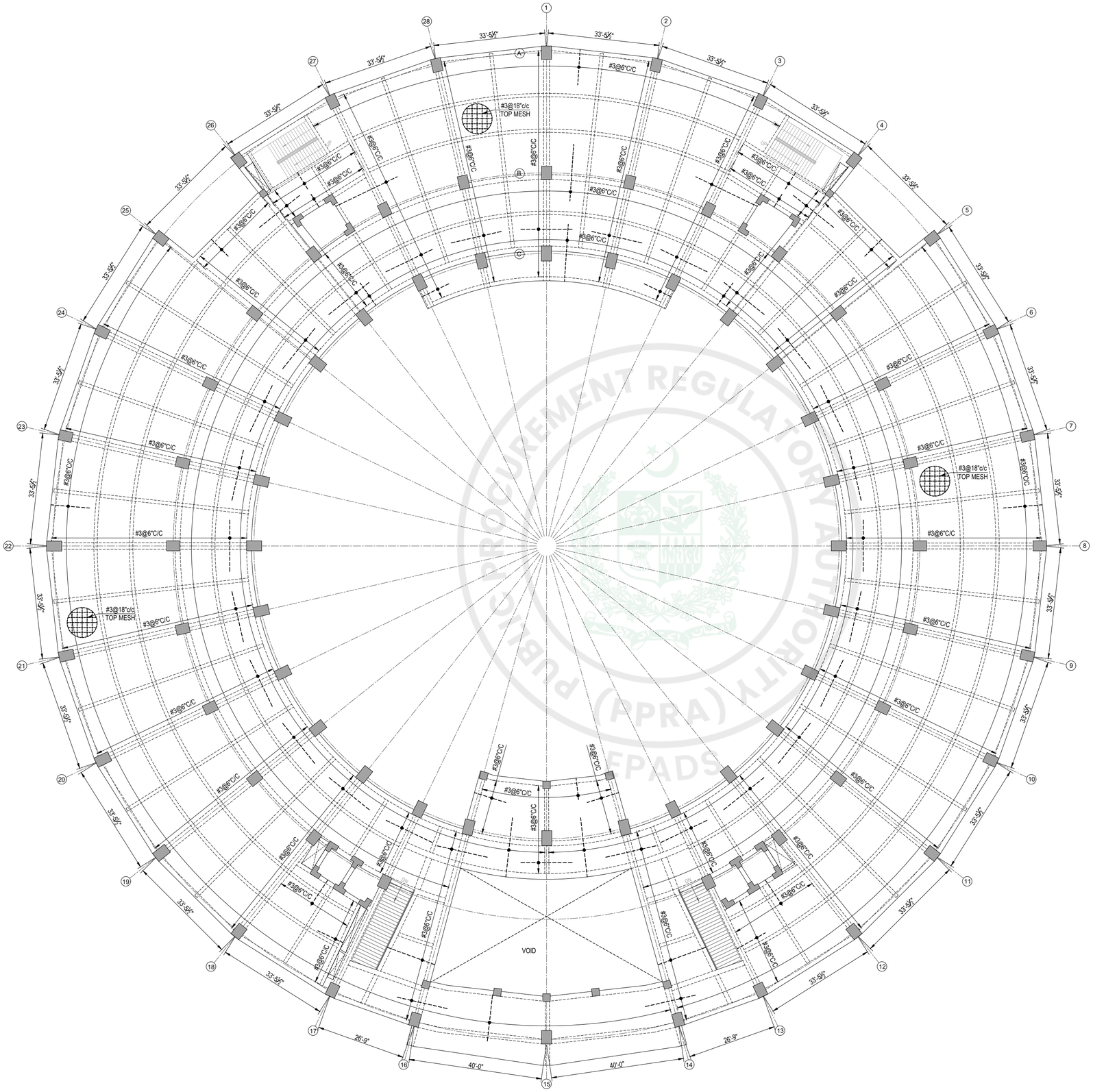
BOTTOM REINFORCEMENT PLAN OF 1st. FLOOR

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY: AM / AS / WM	DESIGN BY: K.G
CHECKED BY: A.M.D / M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-NCC-06-02	REVISION: 00

NOT FOR CONSTRUCTION

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



TOP REINFORCEMENT PLAN OF 1st. FLOOR

NOTES:

1. LAP OF BOTTOM BARS IN SLAB SHALL BE PROVIDED AT BEAMS.
2. LAP OF TOP BARS IN SLAB SHALL BE PROVIDED AT MID SPAN.
3. FOR REINFORCEMENT AROUND OPENINGS, REFER TO DWG # G-02.
4. FOR CURTAILMENT OF TOP BARS IN SLABS, REFER TO " BAR CUTOFF DETAIL FOR BEAM SUPPORTED SLAB " IN DWG. # G-02.
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6. CAMBER OF L/240 TO BE PROVIDED IN ALL SLAB PANELS, WHERE L IS THE DIAGONAL LENGTH OF SLAB PANEL

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

TOP REINFORCEMENT PLAN OF 1st. FLOOR

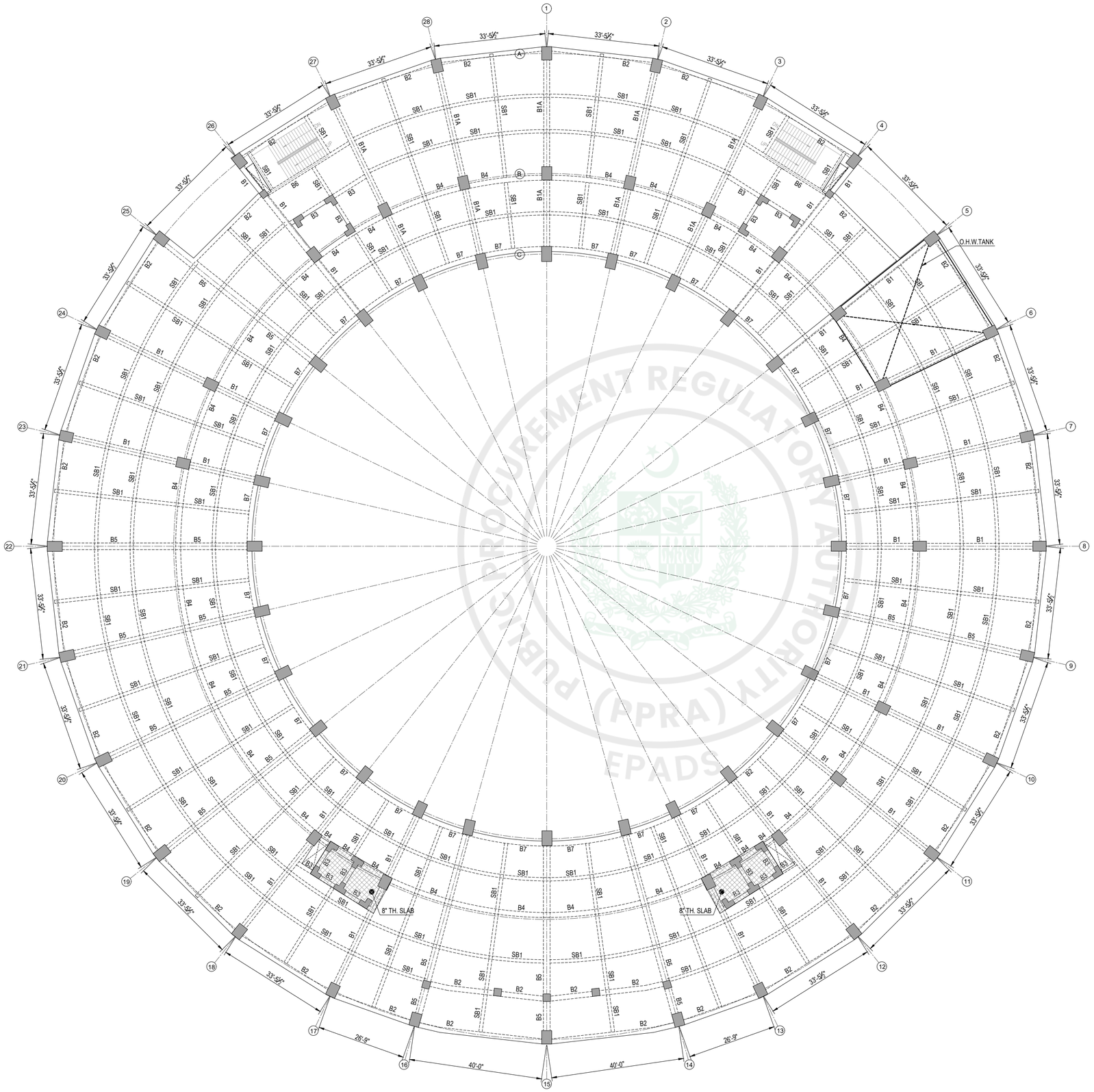
REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: NTS
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CHECKED BY: A.M.D / M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-NCC-0[illegible]-03	REVISION: 00

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BEAM LAYOUT PLAN OF ROOF SLAB

SLAB THICKNESS = 5" UNLESS NOTED OTHERWISE

NOT FOR CONSTRUCTION

NOTES:

1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ARCHITECTURAL & MEP DRAWINGS.
2. FOR LEVELS AND OPENING SIZES REFER TO ARCHITECTURAL AND MEP DRAWINGS.
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5. DRAWING TO BE COORDINATED WITH ALL DISCIPLINES IF ANY ADDITIONAL / SPECIAL MODIFICATION IS REQUIRED, THE SAME SHALL BE CONVEYED TO DESIGN TEAM.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

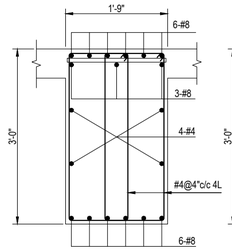
BEAM LAYOUT PLAN OF ROOF SLAB

REV.	DATE	DESCRIPTION

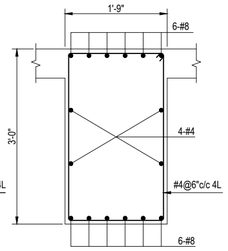
DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY: AM / AS / WM	DESIGN BY: K.G
CHECKED BY: A.M.D / M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-NCC-06-04	REVISION: 00

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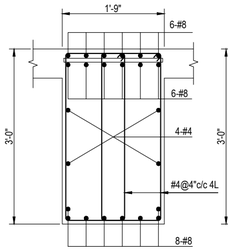
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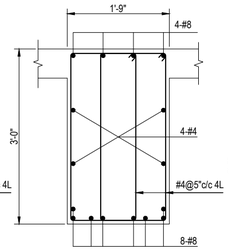
BEAM B1
END SPAN



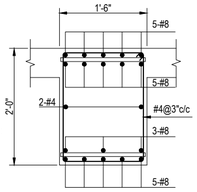
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MID SPAN



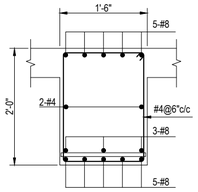
BEAM B1A
END SPAN



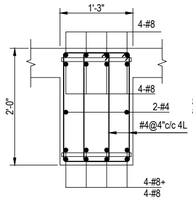
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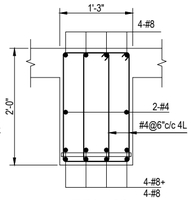
BEAM B2
END SPAN



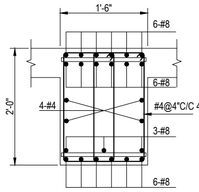
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MID SPAN



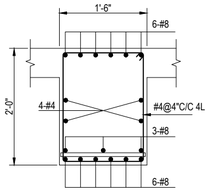
BEAM B3
END SPAN



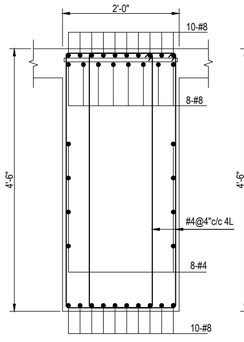
BEAM B3
MID SPAN



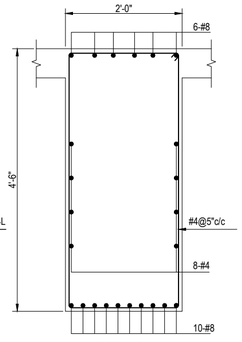
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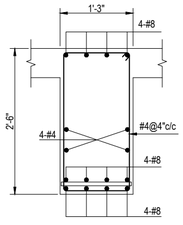
BEAM B4
MID SPAN



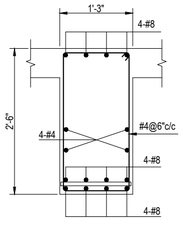
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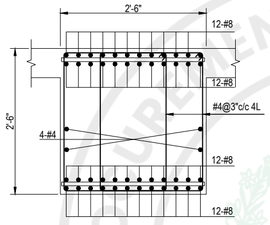
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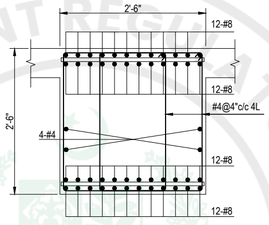
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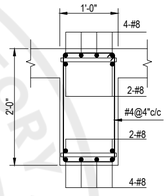
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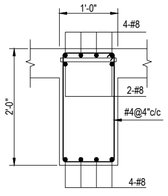
BEAM B7
END SPAN



BEAM B7
MID SPAN



BEAM SB1
END SPAN



BEAM SB1
MID SPAN

NOTES:

1. WHERE THERE IS CHANGE IN BEAM SECTION,TOP STEEL SHALL BE FROM SECTION HAVING MORE REINFORCEMENT.
2. FOR TYPICAL BEAM ELEVATION,REFER TO DWG # G-02.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

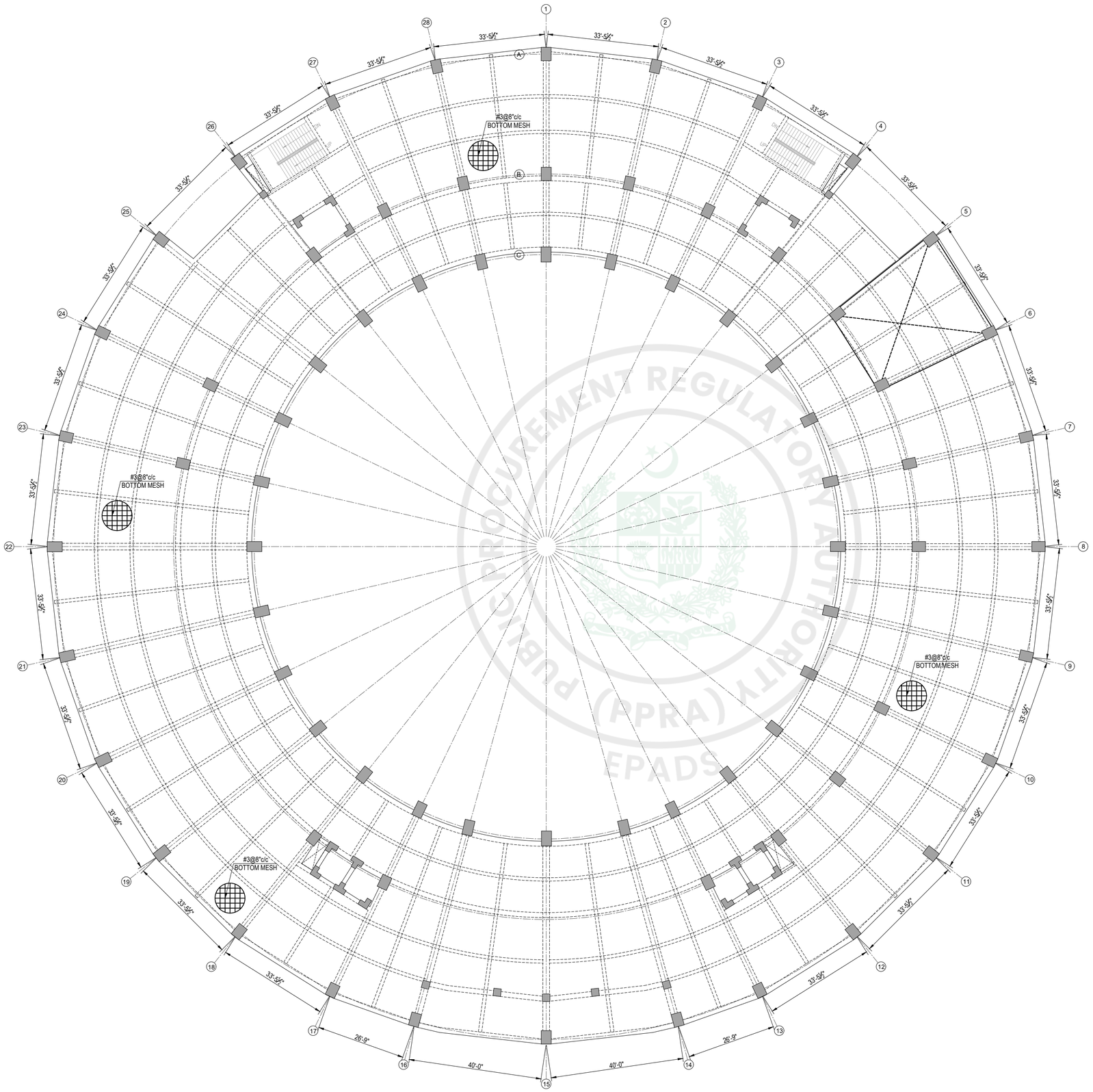
BEAM SECTIONS OF ROOF SLAB

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY: AM / AS / WM	DESIGN BY: K.G
CHECKED BY: A.M.D / M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-NCC-06-04A	REVISION: 00

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BOTTOM REINFORCEMENT PLAN OF ROOF SLAB

NOT FOR CONSTRUCTION

NOTES:

1. LAP OF BOTTOM BARS IN SLAB SHALL BE PROVIDED AT BEAMS.
2. LAP OF TOP BARS IN SLAB SHALL BE PROVIDED AT MID SPAN.
3. FOR REINFORCEMENT AROUND OPENINGS, REFER TO DWG # G-02.
4. FOR CURTAILMENT OF TOP BARS IN SLABS, REFER TO " BAR CUTOFF DETAIL FOR BEAM SUPPORTED SLAB " IN DWG. # G-02.
5. FOR CURTAILMENT OF TOP BARS, CLEAR SPAN FOR 0.25L AND 0.3L SHALL BE CONSIDERED BETWEEN MAIN PRIMARY BEAMS.
6. CAMBER OF L/240 TO BE PROVIDED IN ALL SLAB PANELS, WHERE L IS THE DIAGONAL LENGTH OF SLAB PANEL

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

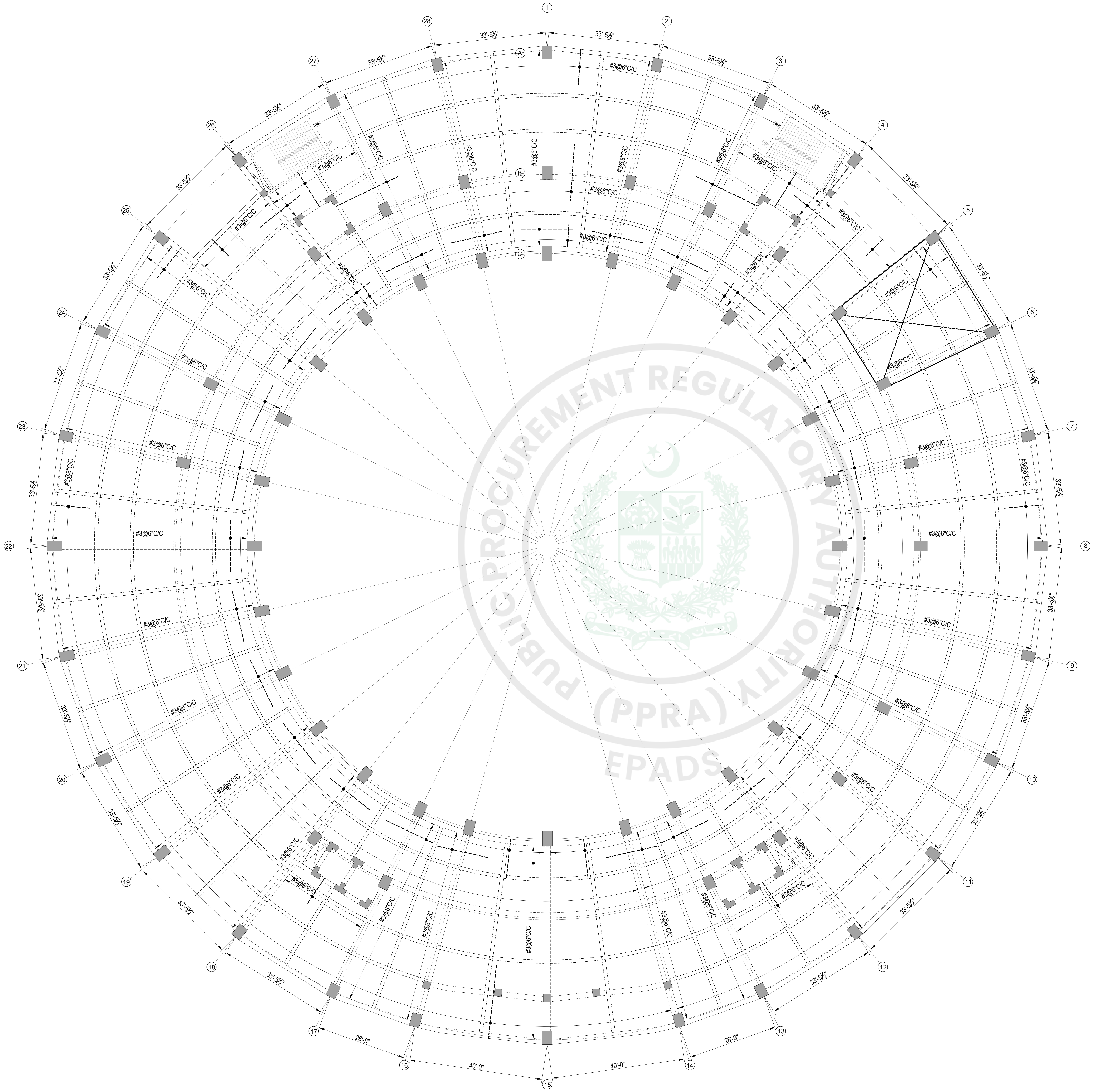
BOTTOM REINFORCEMENT PLAN OF ROOF SLAB

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY: AM / AS / WM	DESIGN BY: K.G
CHECKED BY: A.M.D / M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-NCC-06-05	REVISION: 00

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TOP REINFORCEMENT PLAN OF ROOF SLAB

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NOTES:

1. LAP OF BOTTOM BARS IN SLAB SHALL BE PROVIDED AT BEAMS.
2. LAP OF TOP BARS IN SLAB SHALL BE PROVIDED AT MID SPAN.
3. FOR REINFORCEMENT AROUND OPENINGS, REFER TO DWG # G-02.
4. FOR CURTAILMENT OF TOP BARS IN SLABS, REFER TO " BAR CUTOFF DETAIL FOR BEAM SUPPORTED SLAB " IN DWG. # G-02.
5. FOR CURTAILMENT OF TOP BARS, CLEAR SPAN FOR 0.25L AND 0.3L SHALL BE CONSIDERED BETWEEN MAIN PRIMARY BEAMS.
6. CAMBER OF L/240 TO BE PROVIDED IN ALL SLAB PANELS, WHERE L IS THE DIAGONAL LENGTH OF SLAB PANEL

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

TOP REINFORCEMENT PLAN OF ROOF SLAB

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026

SCALE: NTS

DRAWN BY: AM / AS / WM

DESIGN BY: K.G

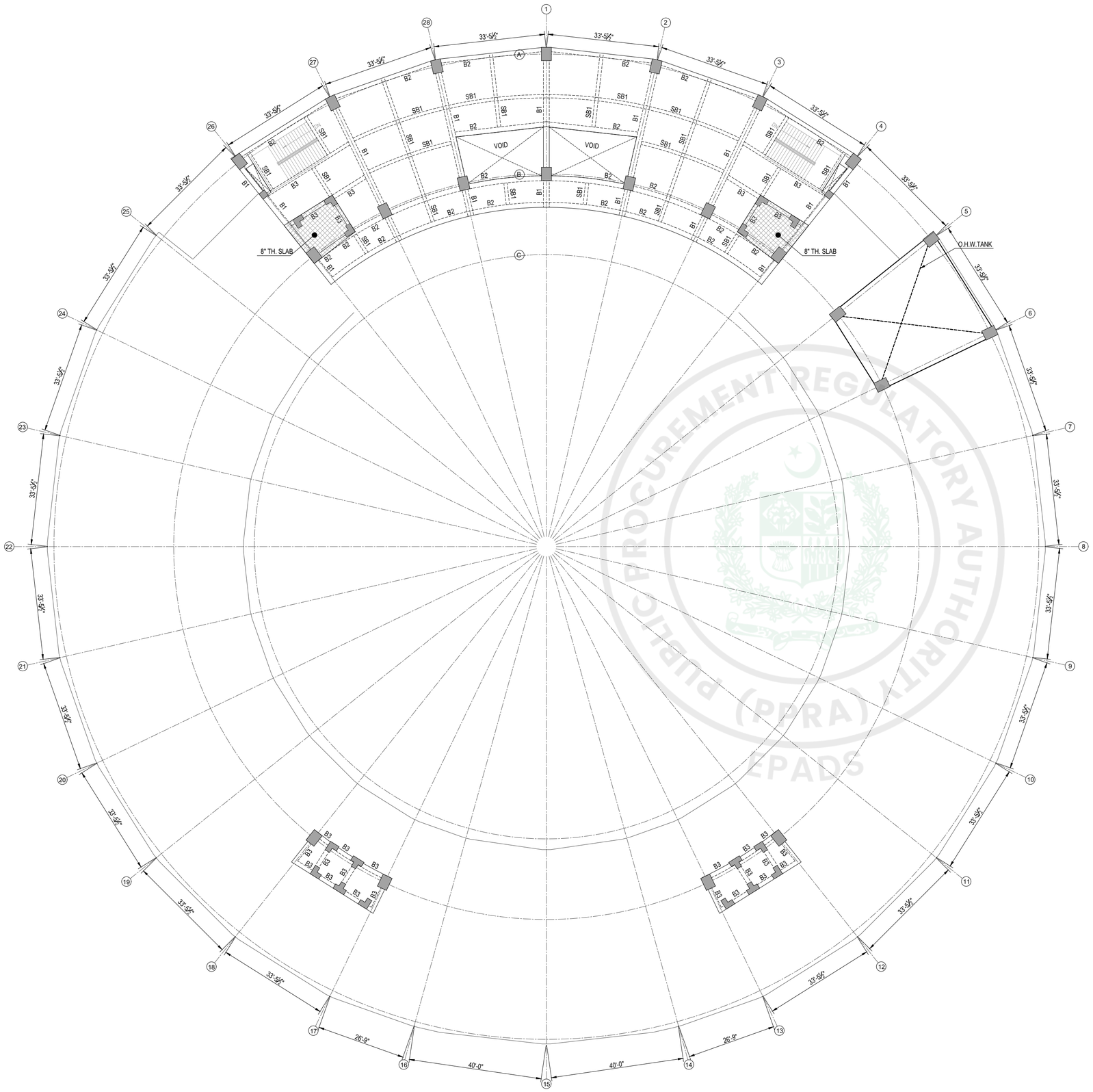
CHECKED BY: A.M.D / M.N

APPROVED BY: H.O.D

DRAWING NO. CNCCI-NCC-0$-06

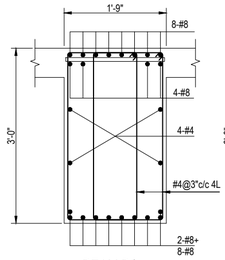
REVISION: 00

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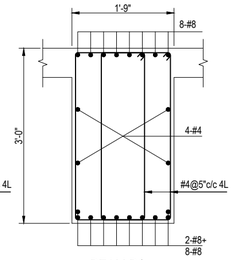


BEAM LAYOUT PLAN OF TOP ROOF SLAB

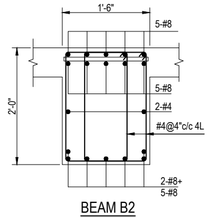
SLAB THICKNESS = 5" UNLESS NOTED OTHERWISE



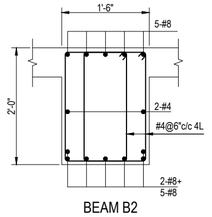
BEAM B1
END SPAN



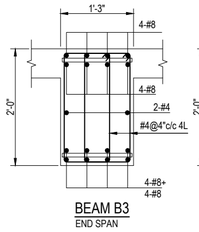
BEAM B1
MID SPAN



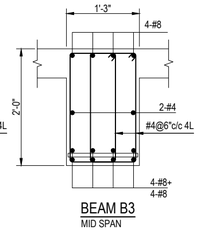
BEAM B2
END SPAN



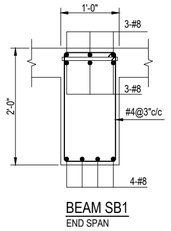
BEAM B2
MID SPAN



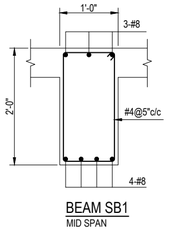
BEAM B3
END SPAN



BEAM B3
MID SPAN



BEAM SB1
END SPAN



BEAM SB1
MID SPAN

NOTES:

1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ARCHITECTURAL & MEP DRAWINGS.
2. FOR LEVELS AND OPENING SIZES REFER TO ARCHITECTURAL AND MEP DRAWINGS.
3. THE CONTRACTOR SHALL COORDINATE OPENINGS FOR MEP DUCTS WITH MEP DRAWINGS BEFORE EXECUTION. ANY DISCREPANCY SHALL BE REPORTED TO DESIGN TEAM BEFORE EXECUTION.
4. ALL STEEL STRUCTURAL AND ALLIED CONCRETE WORK AND ELEMENTS ARE DESIGN BUILT JOBS TO BE DONE BY RELEVANT VENDER. FURTHER IF ALREADY GIVEN STRUCTURAL CONCRETE DETAIL ARE NEEDED TO BE MODIFIED. RELEVANT VENDOR MAY SUBMIT SHOP DRAWINGS FOR APPROVAL PRIOR TO THE COMMENCEMENT OF CONSTRUCTION ACTIVITIES AT SITE.
5. DRAWING TO BE COORDINATED WITH ALL DISCIPLINES IF ANY ADDITIONAL / SPECIAL MODIFICATION IS REQUIRED, THE SAME SHALL BE CONVEYED TO DESIGN TEAM.
6. WHERE THERE IS CHANGE IN BEAM SECTION,TOP STEEL SHALL BE FROM SECTION HAVING MORE REINFORCEMENT.
7. FOR TYPICAL BEAM ELEVATION,REFER TO DWG # G-02.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

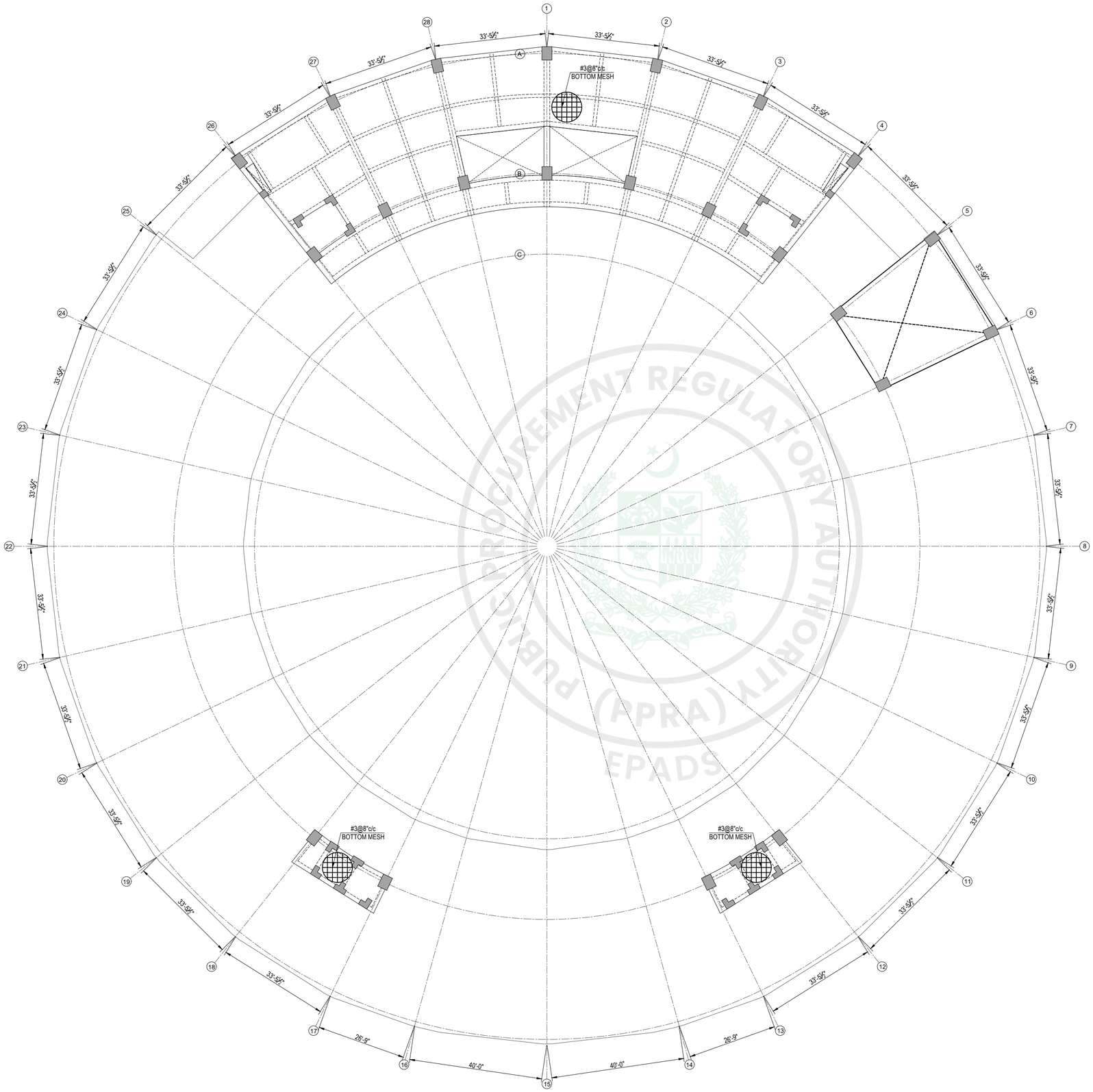
BEAM LAYOUT PLAN OF TOP ROOF SLAB

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY: AM / AS / WM	DESIGN BY: K.G
CHECKED BY: A.M.D / M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-NCC-0~~6~~-07	REVISION: 00

NOT FOR CONSTRUCTION

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BOTTOM REINFORCEMENT PLAN OF TOP ROOF SLAB

NOTES:

1. LAP OF BOTTOM BARS IN SLAB SHALL BE PROVIDED AT BEAMS.
2. LAP OF TOP BARS IN SLAB SHALL BE PROVIDED AT MID SPAN.
3. FOR REINFORCEMENT AROUND OPENINGS, REFER TO DWG # G-02.
4. FOR CURTAILMENT OF TOP BARS IN SLABS, REFER TO " BAR CUTOFF DETAIL FOR BEAM SUPPORTED SLAB " IN DWG. # G-02.
5. FOR CURTAILMENT OF TOP BARS, CLEAR SPAN FOR 0.25L AND 0.3L SHALL BE CONSIDERED BETWEEN MAIN PRIMARY BEAMS.
6. CAMBER OF L/240 TO BE PROVIDED IN ALL SLAB PANELS, WHERE L IS THE DIAGONAL LENGTH OF SLAB PANEL

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

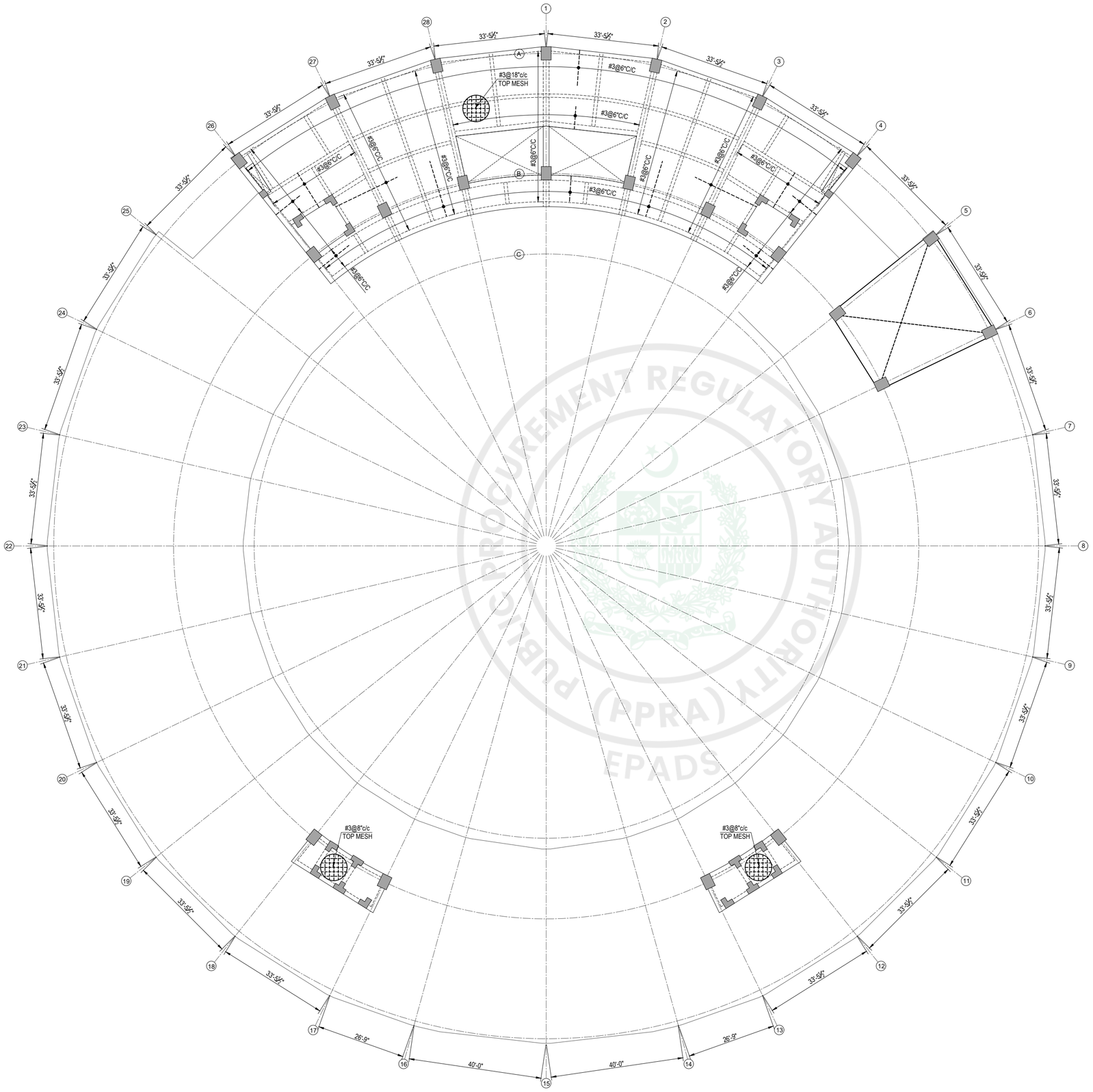
BOTTOM REINFORCEMENT PLAN OF TOP ROOF SLAB

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY: AM / AS / WM	DESIGN BY: K.G
CHECKED BY: A.M.D / M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-NCC-06-08	REVISION: 00

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TOP REINFORCEMENT PLAN OF TOP ROOF SLAB

NOTES:

1. LAP OF BOTTOM BARS IN SLAB SHALL BE PROVIDED AT BEAMS.
2. LAP OF TOP BARS IN SLAB SHALL BE PROVIDED AT MID SPAN.
3. FOR REINFORCEMENT AROUND OPENINGS, REFER TO DWG # G-02.
4. FOR CURTAILMENT OF TOP BARS IN SLABS, REFER TO " BAR CUTOFF DETAIL FOR BEAM SUPPORTED SLAB " IN DWG. # G-02.
5. FOR CURTAILMENT OF TOP BARS, CLEAR SPAN FOR 0.25L AND 0.3L SHALL BE CONSIDERED BETWEEN MAIN PRIMARY BEAMS.
6. CAMBER OF L/240 TO BE PROVIDED IN ALL SLAB PANELS, WHERE L IS THE DIAGONAL LENGTH OF SLAB PANEL

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

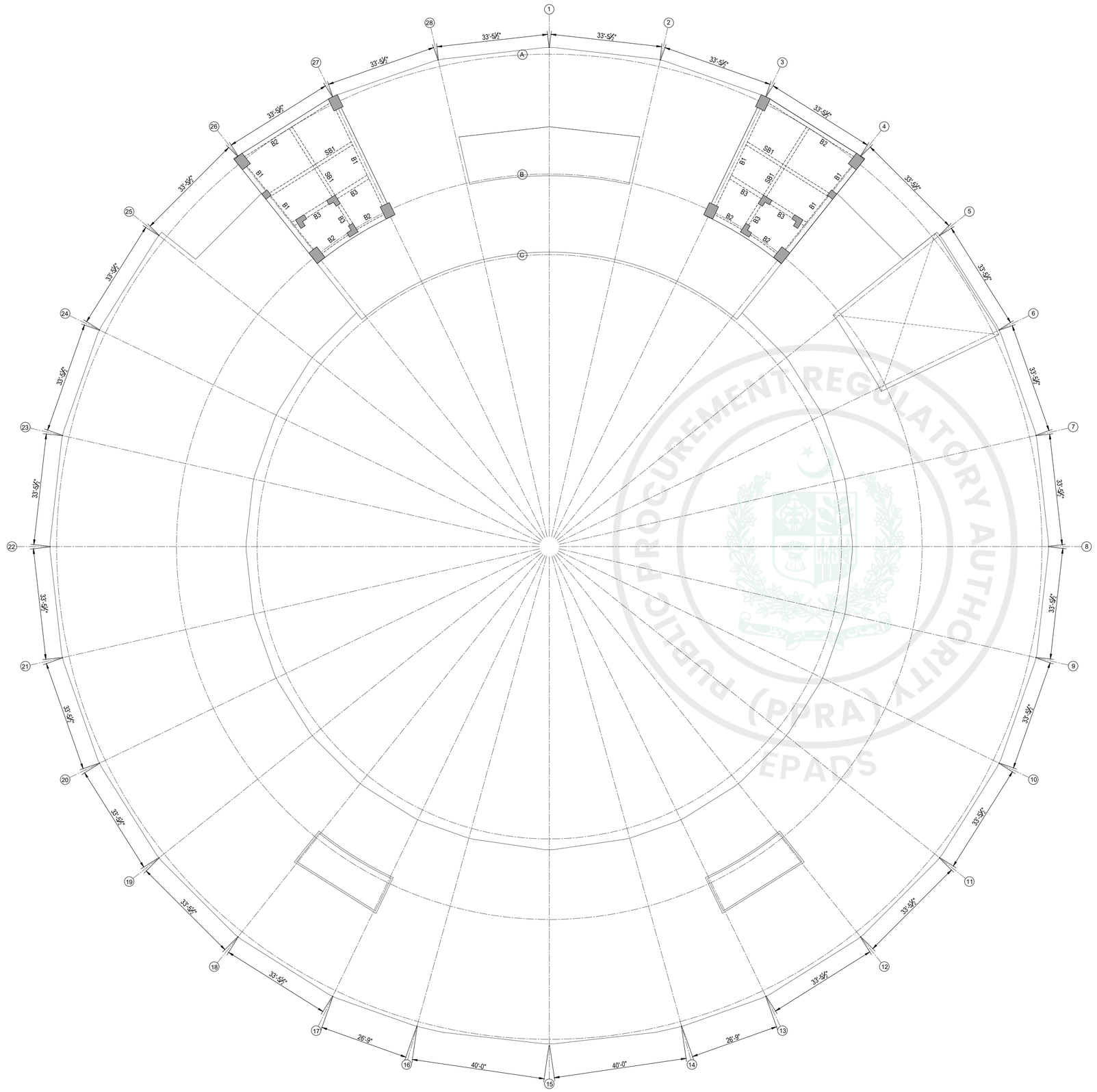
TOP REINFORCEMENT PLAN OF TOP ROOF SLAB

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY: AM / AS / WM	DESIGN BY: K.G
CHECKED BY: A.M.D / M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-NCC-06-09	REVISION: 00

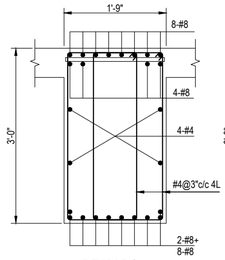
NOT FOR CONSTRUCTION

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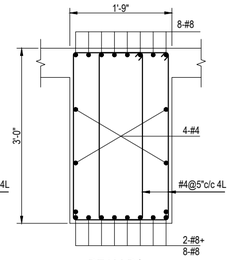


BEAM LAYOUT PLAN OF MUMTY SLAB

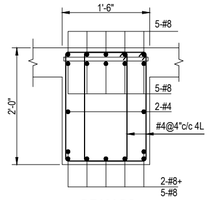
SLAB THICKNESS = 5" UNLESS NOTED OTHERWISE



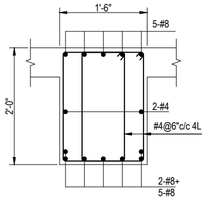
BEAM B1
END SPAN



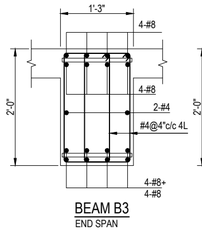
BEAM B1
MID SPAN



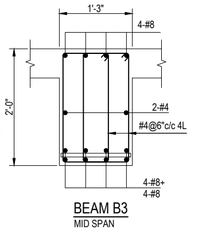
BEAM B2
END SPAN



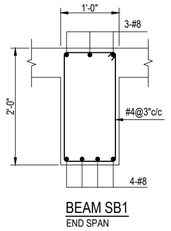
BEAM B2
MID SPAN



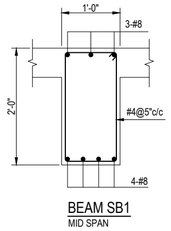
BEAM B3
END SPAN



BEAM B3
MID SPAN



BEAM SB1
END SPAN



BEAM SB1
MID SPAN

NOTES:

1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ARCHITECTURAL & MEP DRAWINGS.
2. FOR LEVELS AND OPENING SIZES REFER TO ARCHITECTURAL AND MEP DRAWINGS.
3. THE CONTRACTOR SHALL COORDINATE OPENINGS FOR MEP DUCTS WITH MEP DRAWINGS BEFORE EXECUTION. ANY DISCREPANCY SHALL BE REPORTED TO DESIGN TEAM BEFORE EXECUTION.
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5. DRAWING TO BE COORDINATED WITH ALL DISCIPLINES IF ANY ADDITIONAL / SPECIAL MODIFICATION IS REQUIRED, THE SAME SHALL BE CONVEYED TO DESIGN TEAM.
6. WHERE THERE IS CHANGE IN BEAM SECTION,TOP STEEL SHALL BE FROM SECTION HAVING MORE REINFORCEMENT.
7. FOR TYPICAL BEAM ELEVATION,REFER TO DWG # G-02.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

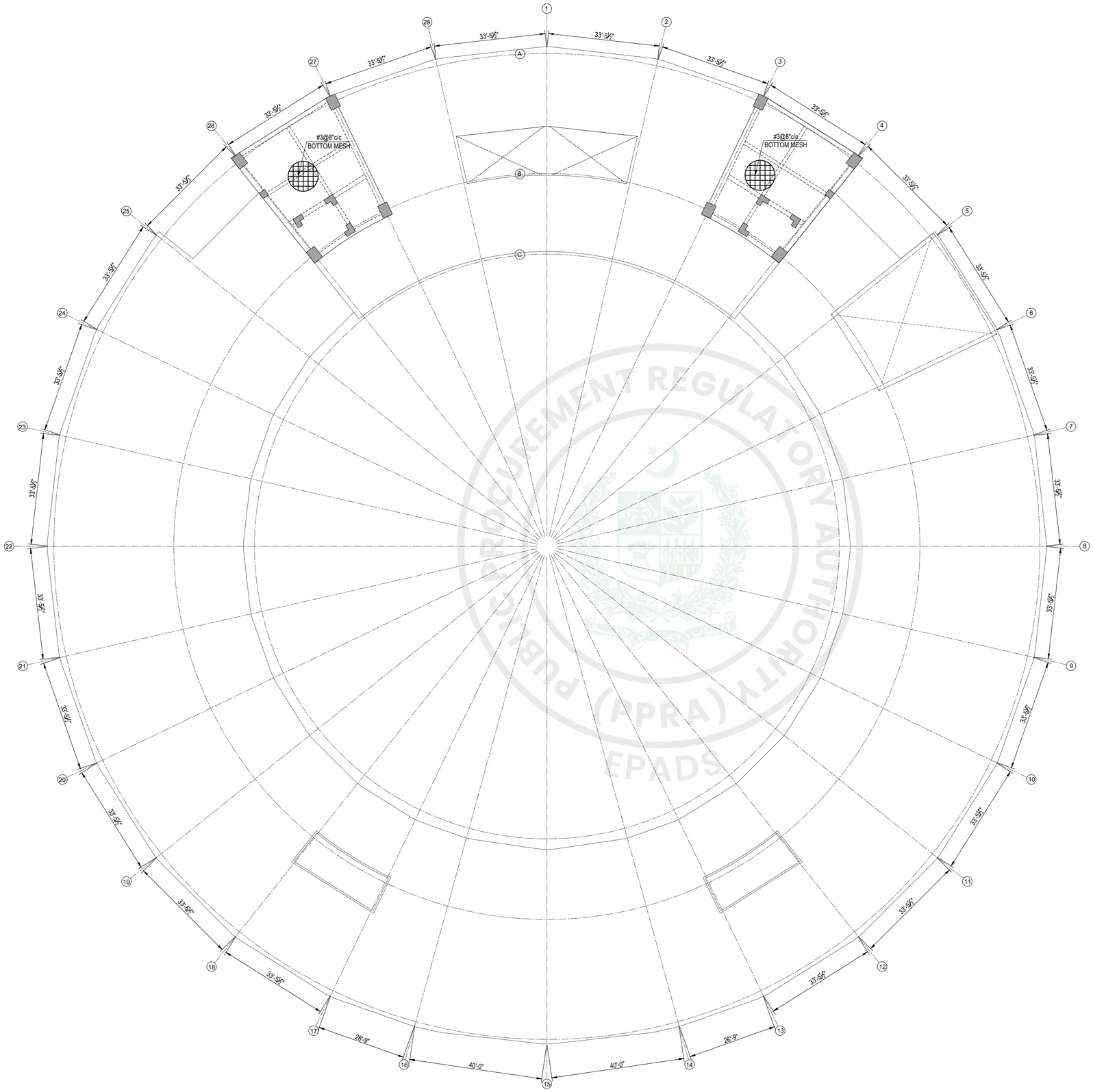
BEAM LAYOUT PLAN OF MUMTY SLAB

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY: AM / AS / WM	DESIGN BY: K.G
CHECKED BY: A.M.D / M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-NCC-0~~6~~-10	REVISION: 00

NOT FOR CONSTRUCTION

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



BOTTOM REINFORCEMENT PLAN OF MUMTY SLAB

NOT FOR CONSTRUCTION

NOTES:

1. LAP OF BOTTOM BARS IN SLAB SHALL BE PROVIDED AT BEAMS.
2. LAP OF TOP BARS IN SLAB SHALL BE PROVIDED AT MID SPAN.
3. FOR REINFORCEMENT AROUND OPENINGS, REFER TO DWG # G-02.
4. FOR CURTAILMENT OF TOP BARS IN SLABS, REFER TO " BAR CUTOFF DETAIL FOR BEAM SUPPORTED SLAB " IN DWG. # G-02.
5. FOR CURTAILMENT OF TOP BARS, CLEAR SPAN FOR 0.25L AND 0.3L SHALL BE CONSIDERED BETWEEN MAIN PRIMARY BEAMS.
6. CAMBER OF L/240 TO BE PROVIDED IN ALL SLAB PANELS, WHERE L IS THE DIAGONAL LENGTH OF SLAB PANEL

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

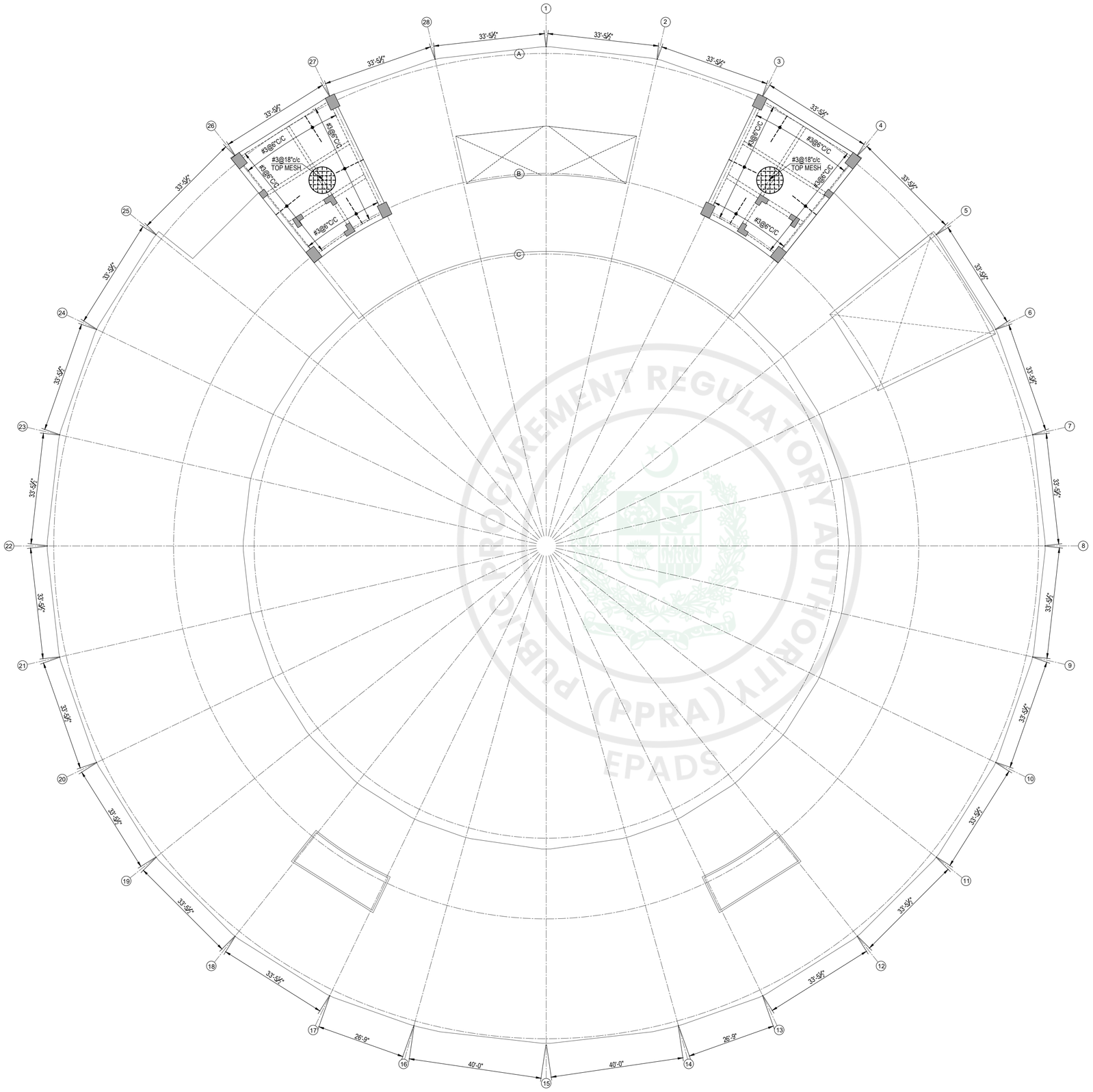
BOTTOM REINFORCEMENT PLAN OF MUMTY SLAB

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY: AM / AS / WM	DESIGN BY: K.G
CHECKED BY: A.M.D / M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-NCC-06-11	REVISION: 00

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TOP REINFORCEMENT PLAN OF MUMTY SLAB

NOT FOR CONSTRUCTION

NOTES:

1. LAP OF BOTTOM BARS IN SLAB SHALL BE PROVIDED AT BEAMS.
2. LAP OF TOP BARS IN SLAB SHALL BE PROVIDED AT MID SPAN.
3. FOR REINFORCEMENT AROUND OPENINGS, REFER TO DWG # G-02.
4. FOR CURTAILMENT OF TOP BARS IN SLABS, REFER TO " BAR CUTOFF DETAIL FOR BEAM SUPPORTED SLAB " IN DWG. # G-02.
5. FOR CURTAILMENT OF TOP BARS, CLEAR SPAN FOR 0.25L AND 0.3L SHALL BE CONSIDERED BETWEEN MAIN PRIMARY BEAMS.
6. CAMBER OF L/240 TO BE PROVIDED IN ALL SLAB PANELS, WHERE L IS THE DIAGONAL LENGTH OF SLAB PANEL

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

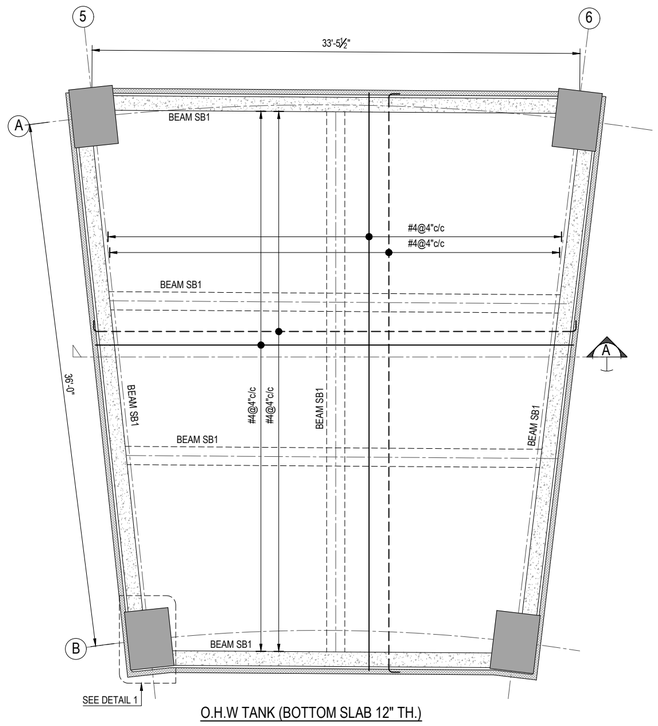
TOP REINFORCEMENT PLAN OF MUMTY SLAB

REV.	DATE	DESCRIPTION

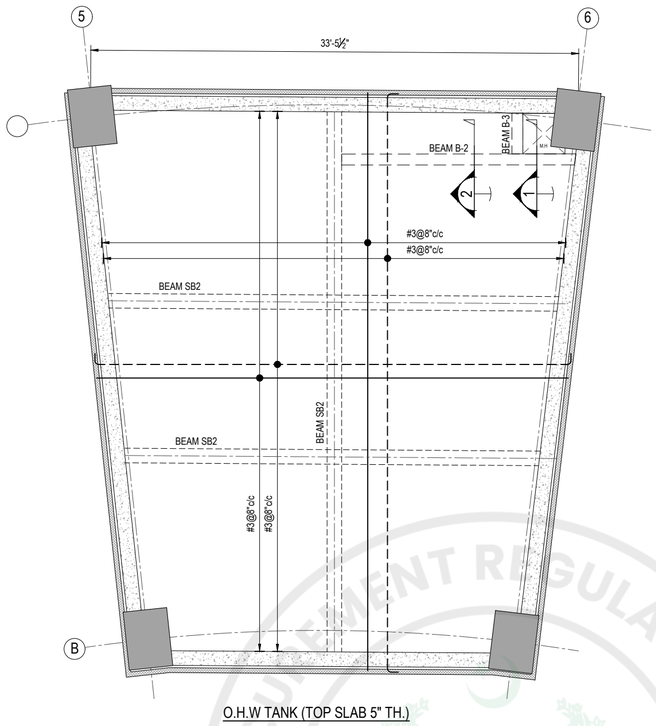
DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY: AM / AS / WM	DESIGN BY: K.G
CHECKED BY: A.M.D / M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-NCC-06-12	REVISION: 00

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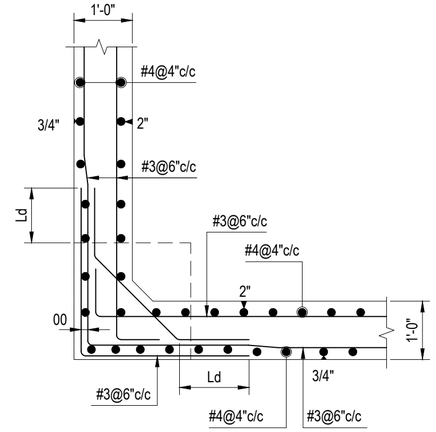
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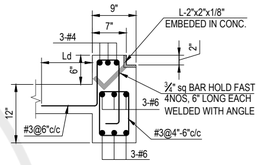
O.H.W TANK (BOTTOM SLAB 12" TH.)



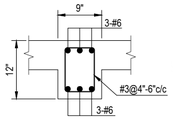
O.H.W TANK (TOP SLAB 5" TH.)



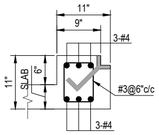
DETAIL -1



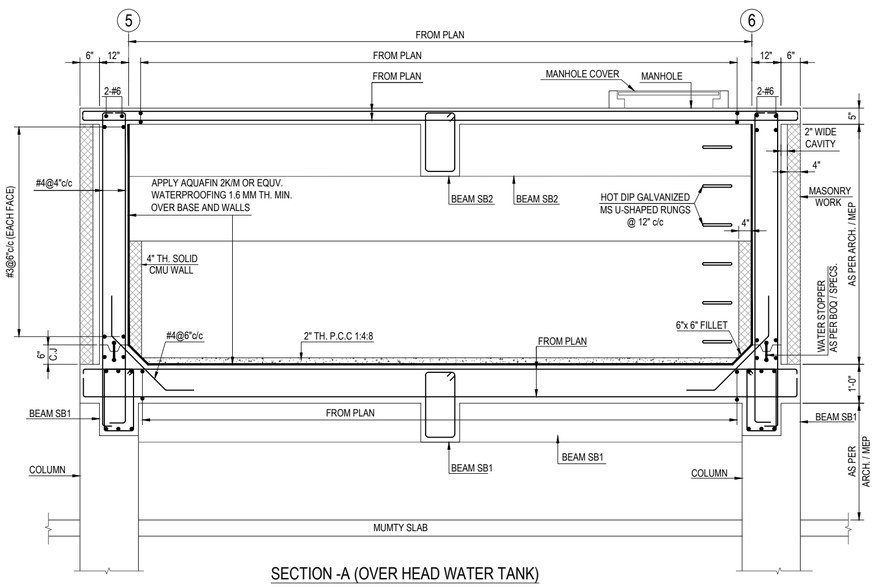
SECTION - 1
BEAM B-2



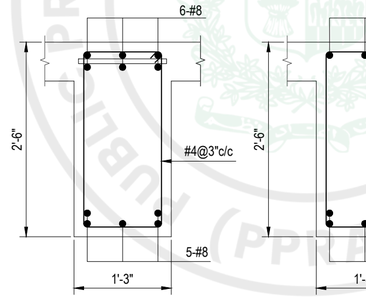
SECTION - 2
BEAM B-2



BEAM B-3



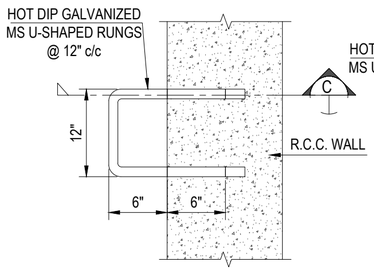
SECTION -A (OVER HEAD WATER TANK)



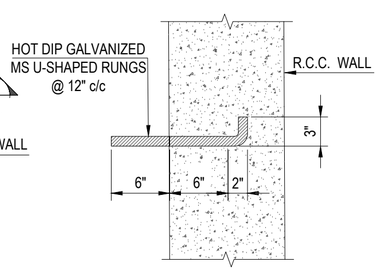
BEAM SB1
(END SPAN)

BEAM SB1
(MID SPAN)

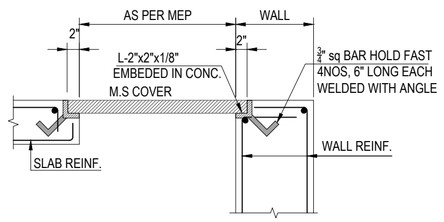
BEAM SB2



PLAN OF #6 M.S RUNGS



SECTION - C



TYP. MANHOLE DETAIL

NOTES:

1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ARCHITECTURAL DRAWINGS.
2. WATER TANK SLAB SHALL BE CASTED AFTER PERFORMING LEAKAGE TEST APPROVED BY ON SITE SUPERVISOR CONSULTANT.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

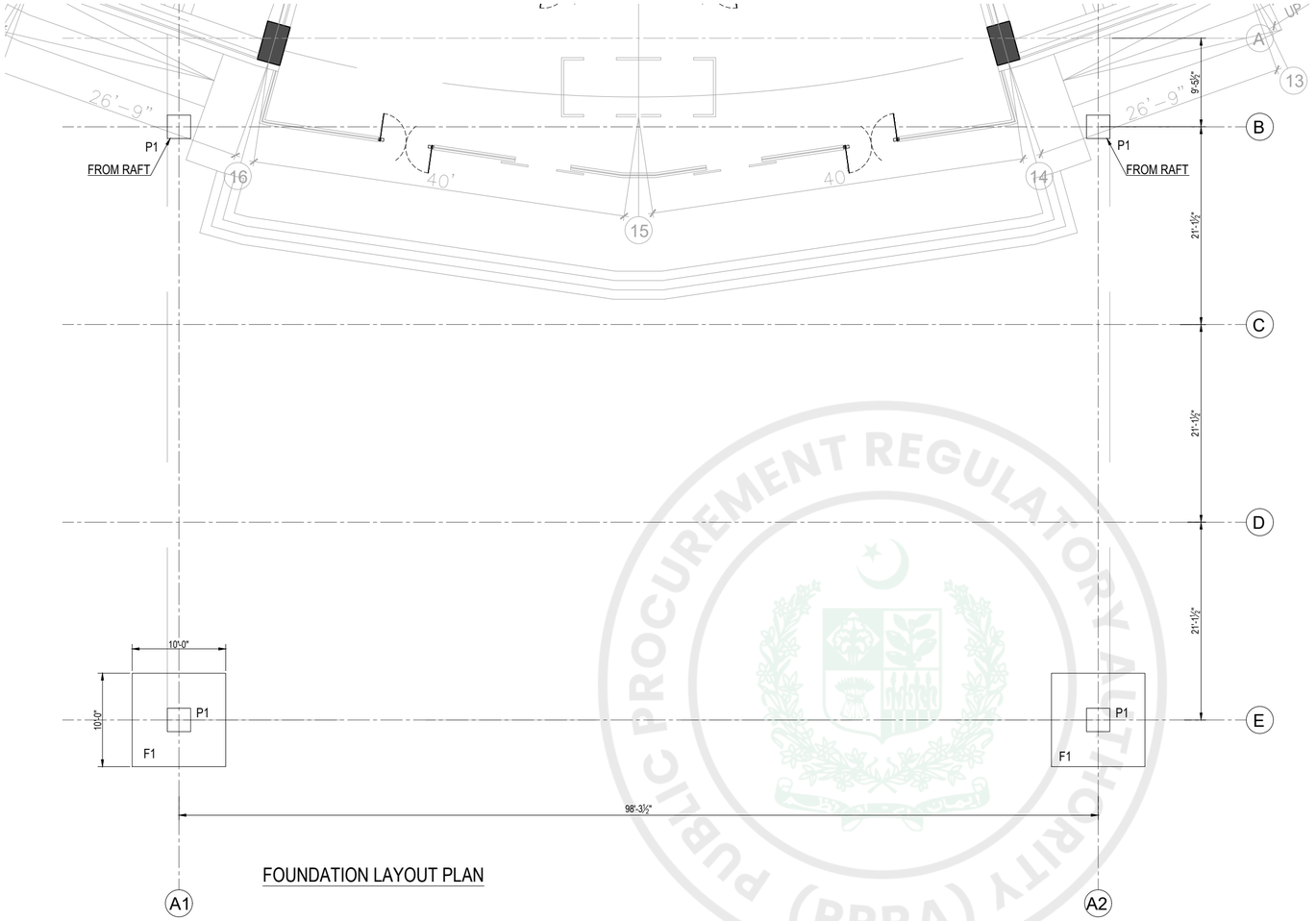
OVER HEAD WATER TANK DETAIL

REV.	DATE	DESCRIPTION

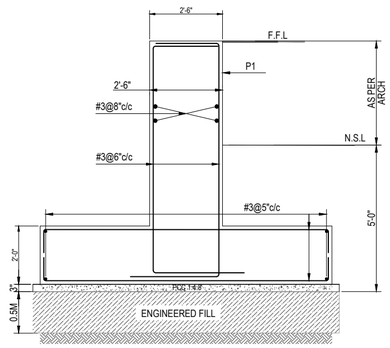
DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY: AM / AS / WM	DESIGN BY: K.G
CHECKED BY: A.M.D / M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-NCC-04- S-13	REVISION:

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FOUNDATION LAYOUT PLAN



FOUNDATION SECTION F1

NOTES:

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

FOUNDATION LAYOUT PLAN AND DETAIL

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY: AM / AS / WM	DESIGN BY: K.G
CHECKED BY: A.M.D / M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-NCC-04- S-14	REVISION: 00

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GENERAL NOTES

1. ALL DIMENSIONS ARE IN MILLIMETERS (MM) UNLESS NOTED OTHERWISE.

2. COMPLIANCE WITH STANDARDS:
- ALL WORK SHALL CONFORM TO THE LATEST EDITIONS OF THE FOLLOWING STANDARDS AND CODES:
- AISC: STEEL CONSTRUCTION MANUAL AND CODE OF STANDARD PRACTICE.
- AWS D1.1/D1.5: STRUCTURAL WELDING CODE.
- ASTM: SPECIFICATIONS FOR MATERIALS.
- RELEVANT LOCAL BUILDING CODES AND PROJECT SPECIFICATIONS.

3. SHOP DRAWINGS:
- DIMENSIONS, CONNECTION DETAILS, AND MEMBER SIZES MUST MATCH CONSTRUCTION DRAWINGS AND SPECIFICATIONS.
- SHOP DRAWINGS TO BE PROVIDED BY THE CONTRACTOR.

4. FABRICATION STANDARDS:
- FABRICATION SHALL ADHERE TO AISC SPECIFICATIONS, MAINTAINING DIMENSIONAL TOLERANCES AND MATERIAL QUALITY.
- ALL CUTS, HOLES, AND FINISHES SHALL BE ACCURATE AND FREE FROM DEFECTS AFFECTING THE STRUCTURAL INTEGRITY.
- CONTINUOUS MACHINE SUBMERGED ARC WELDING (SAW) WILL BE DONE WITH CONTINUOUS WELD ON ONE SIDE AND TACK WELD ON THE OTHER SIDE OF WEB, TACK WELDING WILL BE DONE WITH E70XX ELECTRODES.
- ALL BUTT WELDS ARE DOUBLE SIDE, THICKNESS GREATER THAN 12 MM ARE CJP WELDS WITH APPROPRIATE PREPARATION.
- ENDPLATE TO FLANGE WELDS ARE BOTH SIDES, THICKNESS GREATER THAN 12 MM ARE CJP WELDS WITH APPROPRIATE PREPARATION.
- FILLET WELD SIZE WILL BE 0.7 x THICKNESS OF THE THINNER PLATE, ENSURING SUFFICIENT STRENGTH FOR HEAVY LOADS.
- BUTT WELDS SHALL BE AS PER MARKET AVAILABLE PLATE CUT LENGTHS.

5. CONNECTIONS:
- BOLTED CONNECTIONS SHALL USE HIGH-STRENGTH BOLTS CONFORMING TO ASTM A325 (GRADE 8.8).

6. MATERIAL SPECIFICATIONS:
- STRUCTURAL STEEL MATERIAL GRADES AND PROPERTIES SHALL COMPLY WITH THOSE SPECIFIED IN THE CONTRACT DOCUMENTS.
- ALL STRUCTURAL STEEL SECTIONS, SHALL CONFIRM TO ASTM A-572 SPECIFICATION WITH FY=50 KSI & FU =65 KSI
- WALL GIRTS & PURLIN SHALL CONFIRM TO ASTM A-653 SPECIFICATION GR-SS 340 CLASS-1 FY = 50 KSI
- ANCHOR BOLTS SHALL CONFIRM TO ASTM A-307 / F1554 GRADE 55 SPECIFICATIONS.
- ALL OTHER BOLTS SHALL CONFIRM TO ASTM A 325 GRADE 8.8 SPECIFICATION.
- CABLES SHALL CONFIRM TO ASTM A-475 EXTRA HIGH STRENGTH GRADE.

7. ERECTION GUIDELINES:
- PROVIDE TEMPORARY BRACING DURING ERECTION TO ENSURE STABILITY UNTIL THE STRUCTURE IS SELF-SUPPORTING.
- ENSURE PROPER ALIGNMENT, LEVELNESS, AND PLUMBNESS OF ALL COMPONENTS DURING INSTALLATION.

8. SURFACE PREPARATION AND PROTECTION:
- STEEL SURFACES SHALL BE CLEANED, PRIMED, OR PAINTED AS PER PROJECT REQUIREMENTS (DFT=80-100 MICRONS OF RED OXIDE + ENAMEL).

9. TOLERANCES:
- DIMENSIONAL TOLERANCES FOR FABRICATION AND ERECTION SHALL CONFORM TO AISC STANDARDS.

10. COORDINATION & FIELD ADJUSTMENTS:
- ANY FIELD MODIFICATIONS SHALL BE APPROVED BY THE ENGINEER BEFORE EXECUTION.
- CONFIRM ALL SITE DIMENSIONS AND CONDITIONS PRIOR TO FABRICATION. COORDINATE WITH OTHER TRADES TO AVOID CONFLICTS.
- ANY DISCREPANCIES OR CONFLICTS IN THE DRAWINGS OR WITH SITE CONDITIONS SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER.

11. CONTRACTOR'S REQUIREMENTS:
- CONTRACTOR SHALL VERIFY ALL AS-BUILT DIMENSIONS, LEVELS, AND EXISTING SITE CONDITIONS PRIOR TO PREPARATION OF SHOP DRAWINGS AND FABRICATION.
- CONTRACTOR SHALL DEVELOP ALL NECESSARY TRIMS, FLASHINGS, CLOSURES, AND SITE-SPECIFIC DETAILS AS REQUIRED AND INCORPORATE THEM IN THE SHOP DRAWINGS.
- COMPLETE SHOP DRAWINGS SHALL BE SUBMITTED TO THE CONSULTANT FOR REVIEW AND APPROVAL PRIOR TO COMMENCEMENT OF ANY FABRICATION OR ERECTION WORKS.

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NOTES:

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

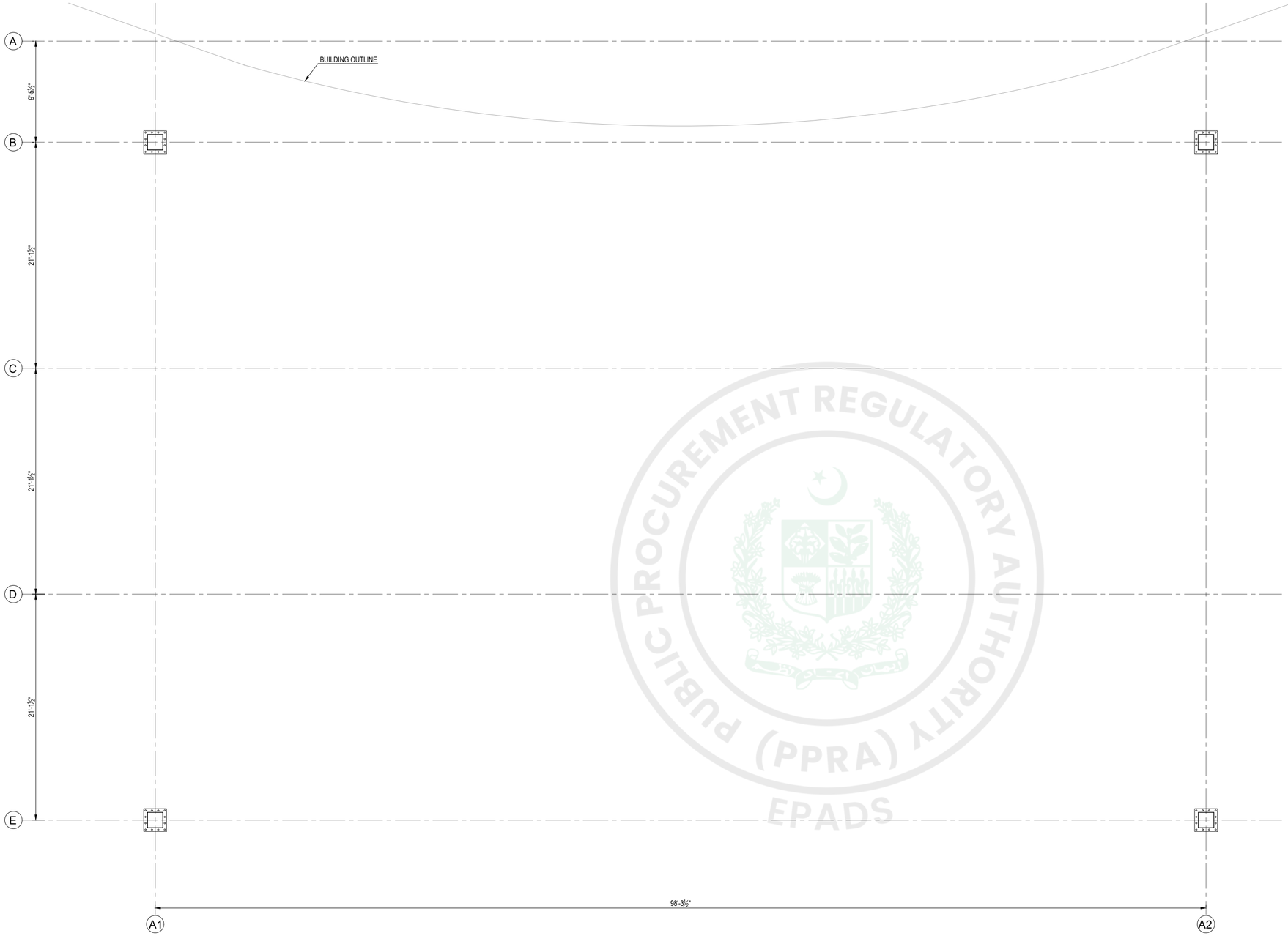
GENERAL NOTES FOR STEEL

REV.	DATE	DESCRIPTION

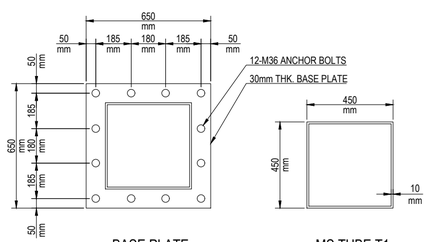
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BASE PLATE LAYOUT PLAN



BASE PLATE

MS TUBE T1

NOTES:

1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ARCHITECTURAL & MEP DRAWINGS.
2. FOR LEVELS AND OPENING SIZES REFER TO ARCHITECTURAL AND MEP DRAWINGS.
3. PEB STRUCTURE IS VENDOR-BASED DESIGN, ITS LAYOUT AND HEIGHT AS PER ARCHITECTURAL DRAWINGS.
4. ALL STEEL MEMBERS SHALL HAVE A YIELD STRENGTH OF NOT LESS THAN 36 ksi.
5. THE SHEET AND SANDWICH PANEL THICKNESS AS PER VENDOR DESIGN.
6. ALL LOAD ON THE STRUCTURE SHALL BE AS PER BCP-2021 & ASCE 7-16.
7. RAINFALL INTENSITY SHALL BE TAKEN AS 4 INCH/hr
8. ALL RELEVANT APPLICABLE STANDARDS SHALL BE ADOPTED FOR DESIGN AND FABRICATION OF THE PEB STRUCTURE IF NOT STATED.
9. THE STRUCTURAL DESIGN SHALL BE PREPARED BY PEC PROFESSIONAL ENGINEER IN STRUCTURE SOFTWARE AS ETAB's OR SAP2000 FOR APPROVAL FROM IDAP DESIGN TEAM.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

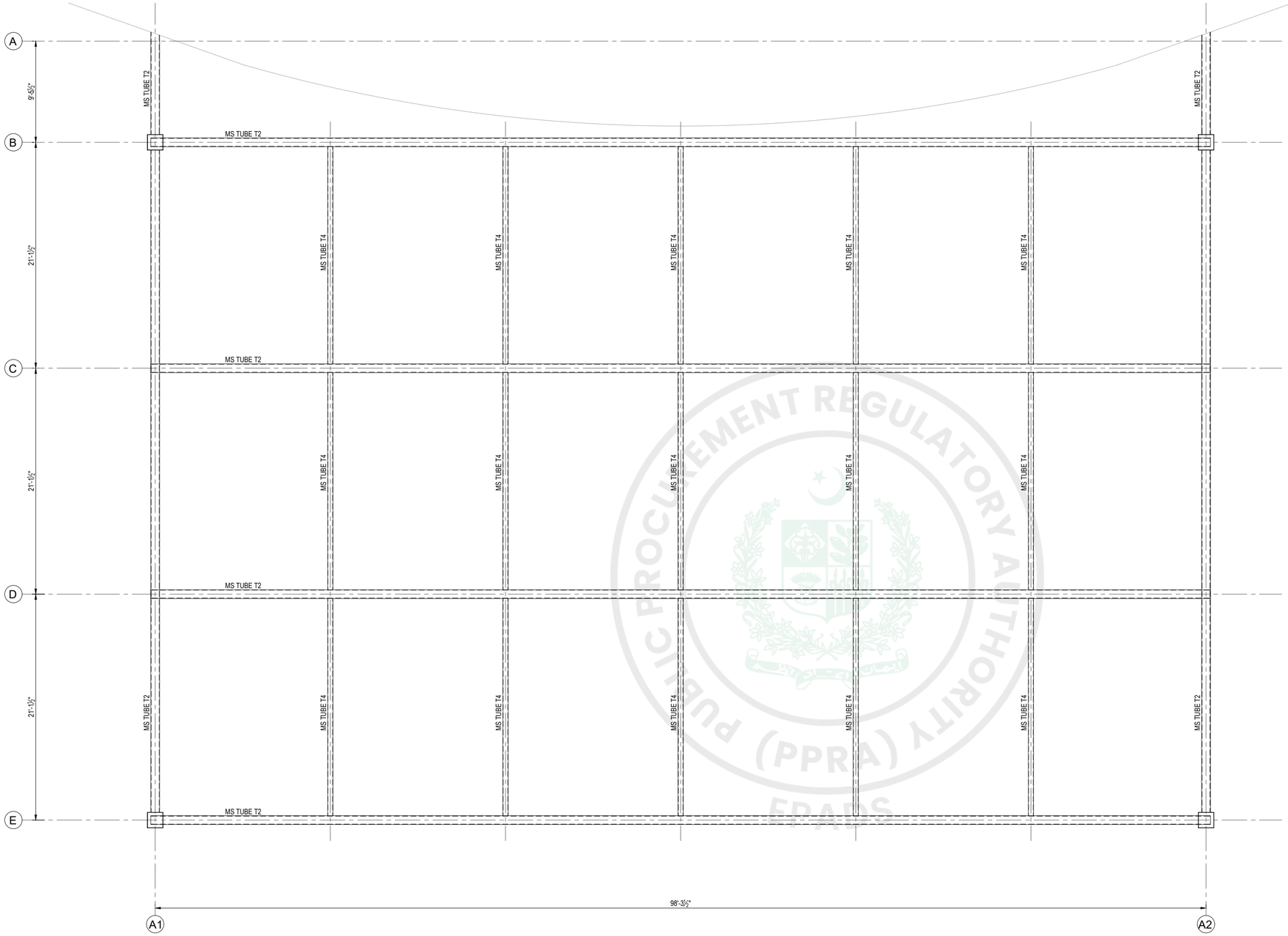
BASE PLATE LAYOUT PLAN

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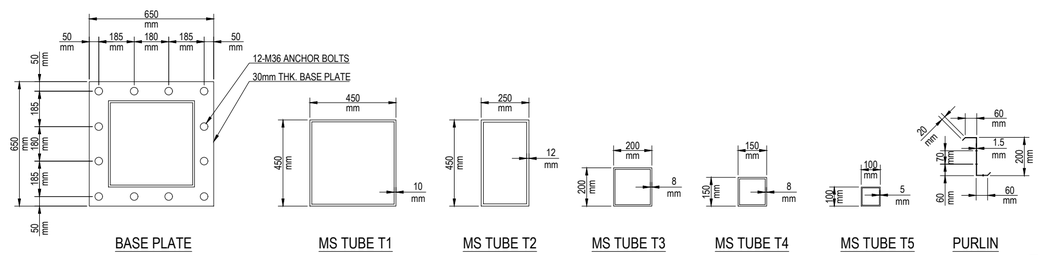
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TRUSS LAYOUT PLAN



BASE PLATE | MS TUBE T1 | MS TUBE T2 | MS TUBE T3 | MS TUBE T4 | MS TUBE T5 | PURLIN

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NOTES:

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

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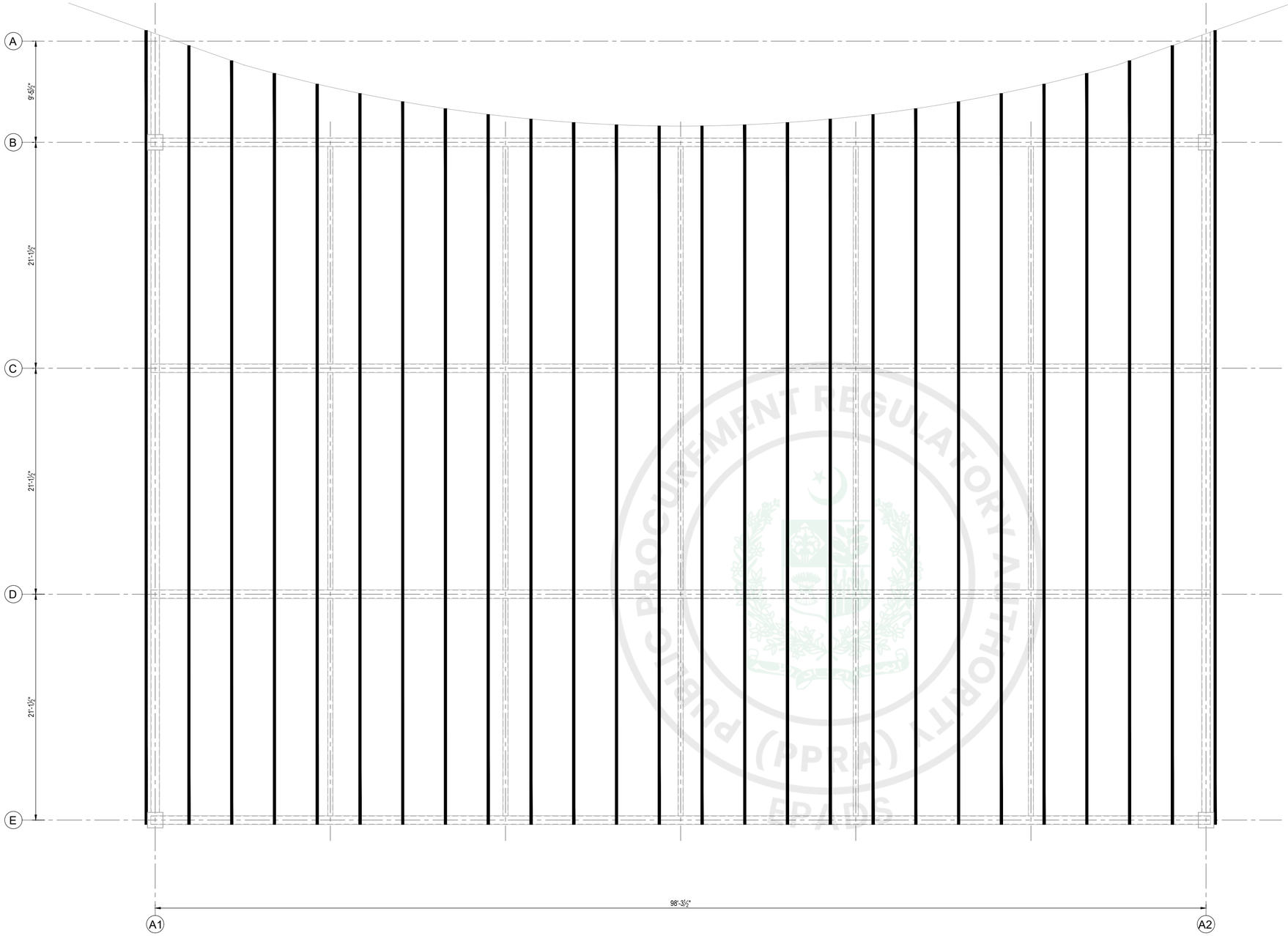
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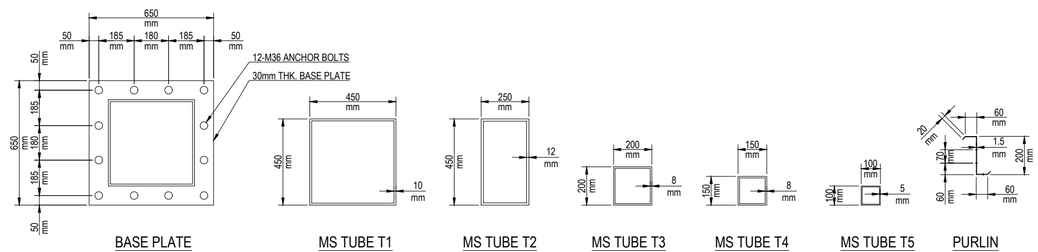
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PURLIN LAYOUT PLAN



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PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

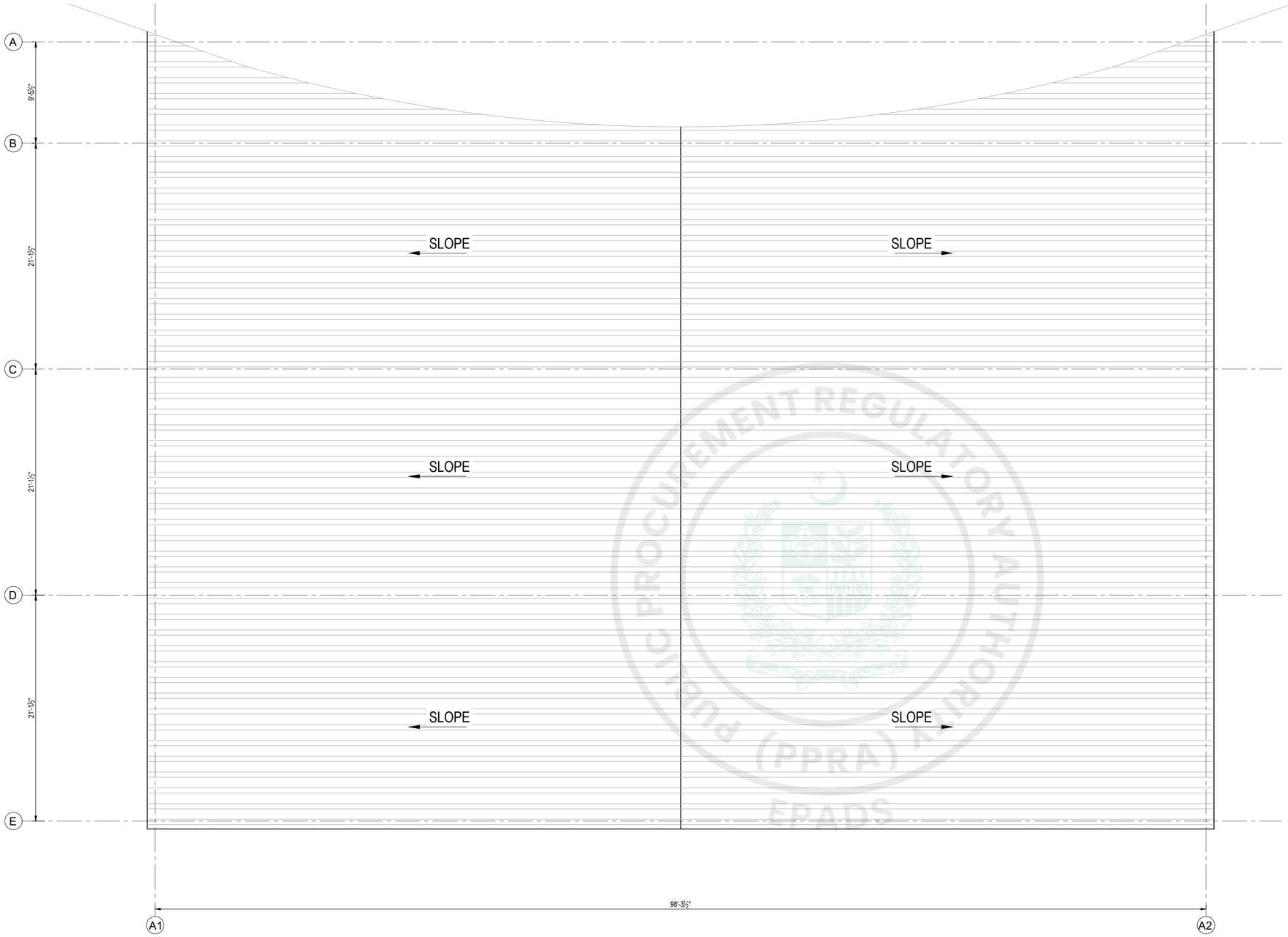
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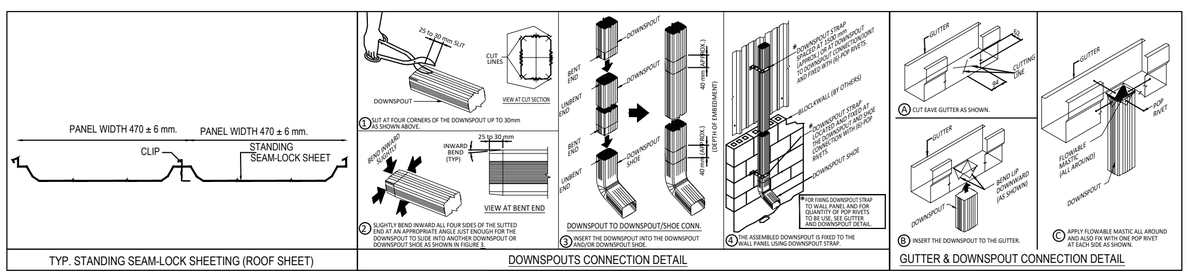
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ROOF SHEETING PLAN



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NOTES:

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

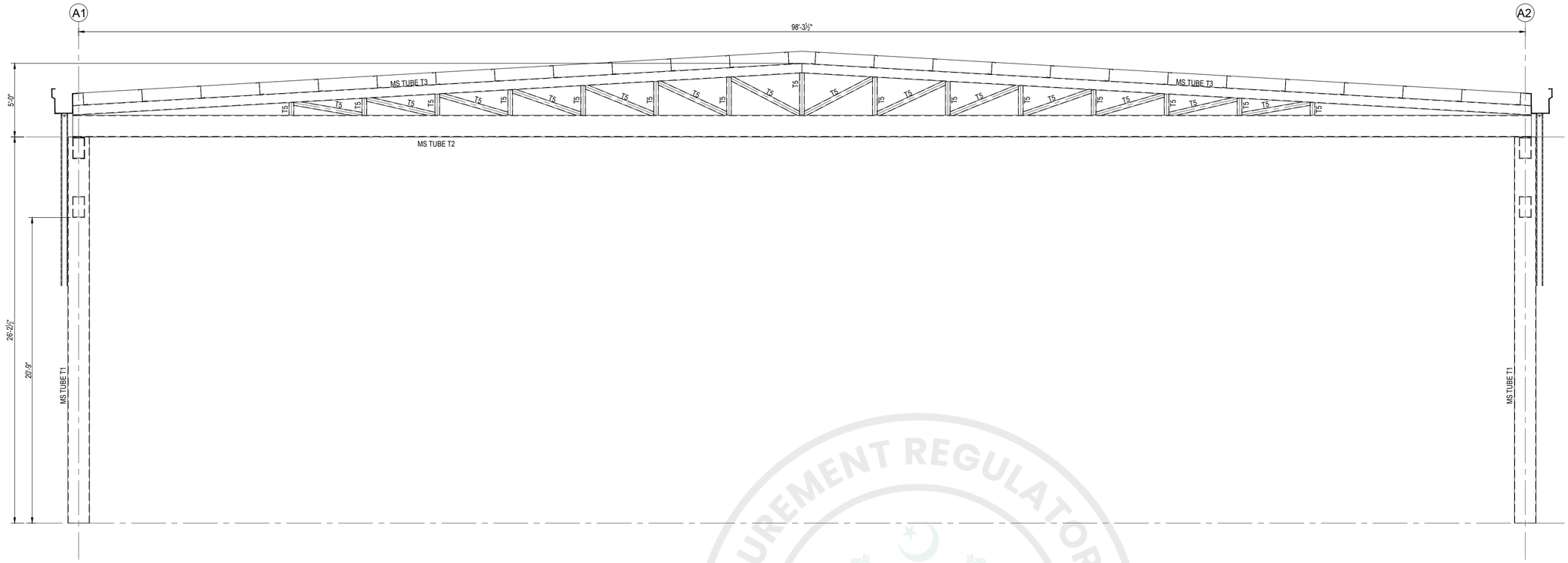
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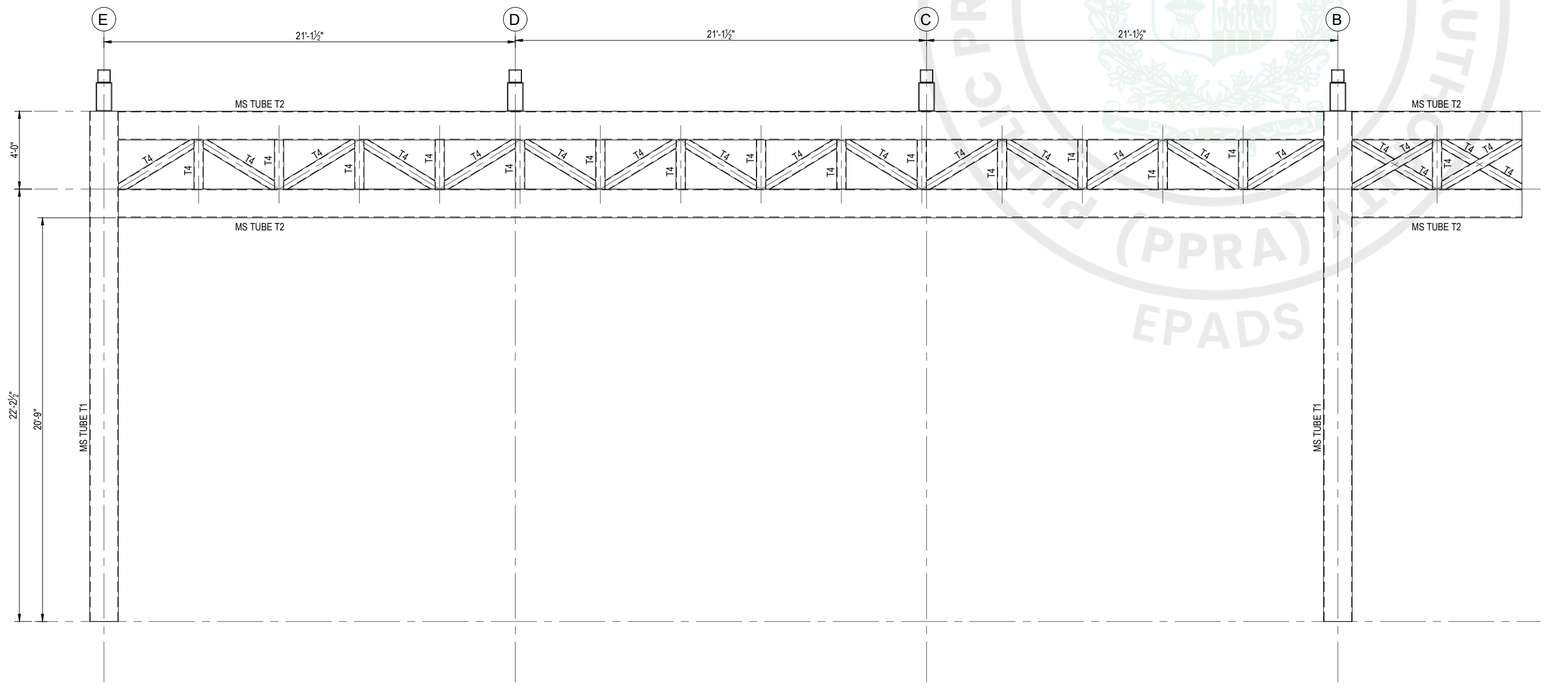
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DATE: OCTOBER, 2026	SCALE: NTS
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LINE FRAME B, C, D & E



LINE FRAME A1 & A2

BASE PLATE MS TUBE T1

MS TUBE T2 MS TUBE T3 MS TUBE T4

MS TUBE T5 PURLIN

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NOTES:

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

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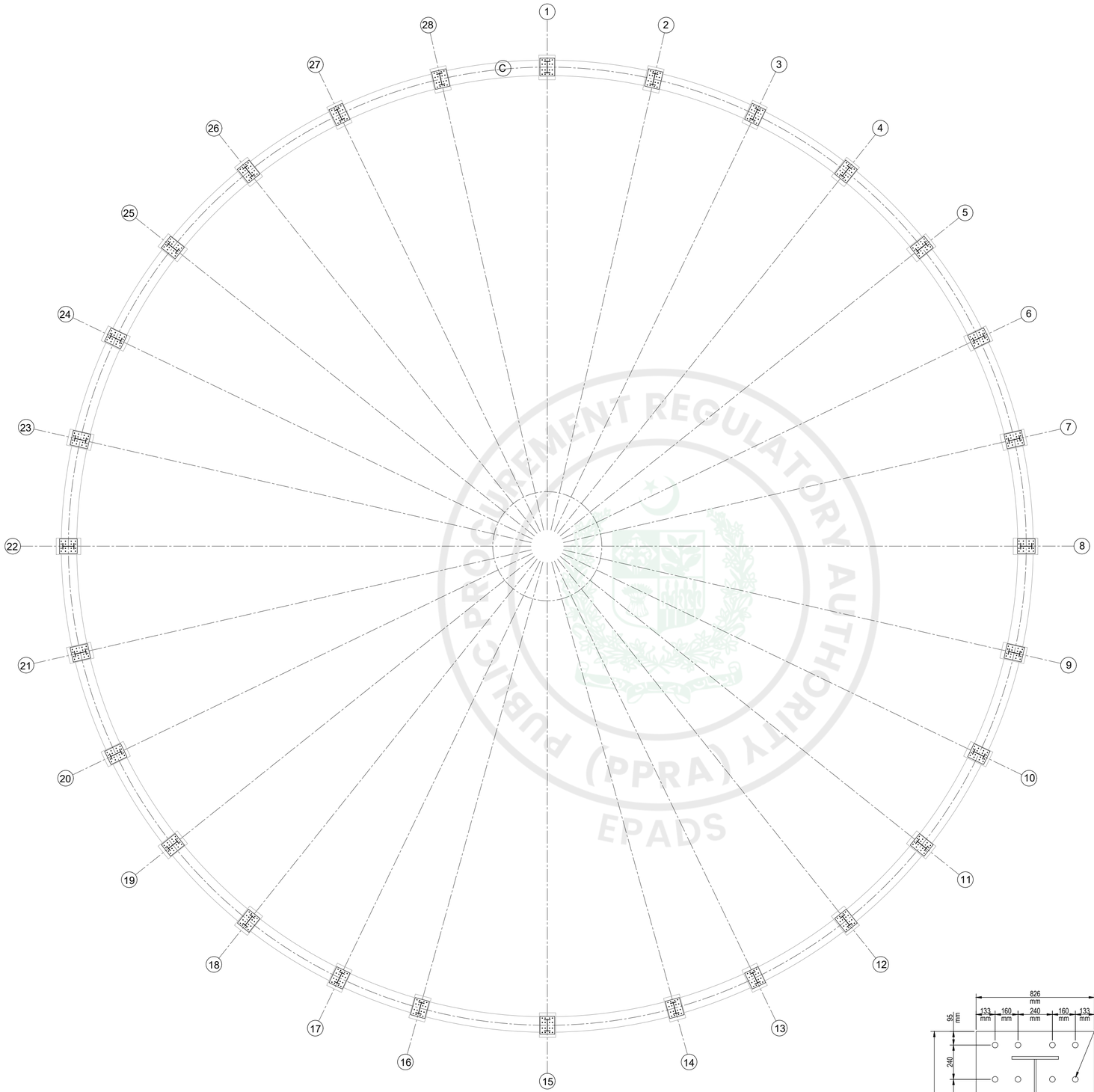
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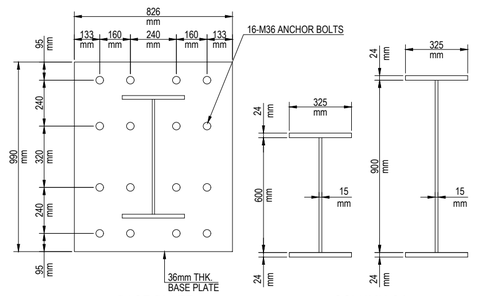
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ANCHOR LAYOUT PLAN



BASE PLATE

COLUMN C1
600-900x15-325x24

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NOTES:

1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH ARCHITECTURAL & MEP DRAWINGS.
2. FOR LEVELS AND OPENING SIZES REFER TO ARCHITECTURAL AND MEP DRAWINGS.
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9. THE STRUCTURAL DESIGN SHALL BE PREPARED BY PEC PROFESSIONAL ENGINEER IN STRUCTURE SOFTWARE AS ETAB's OR SAP2000 FOR APPROVAL FROM IDAP DESIGN TEAM.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

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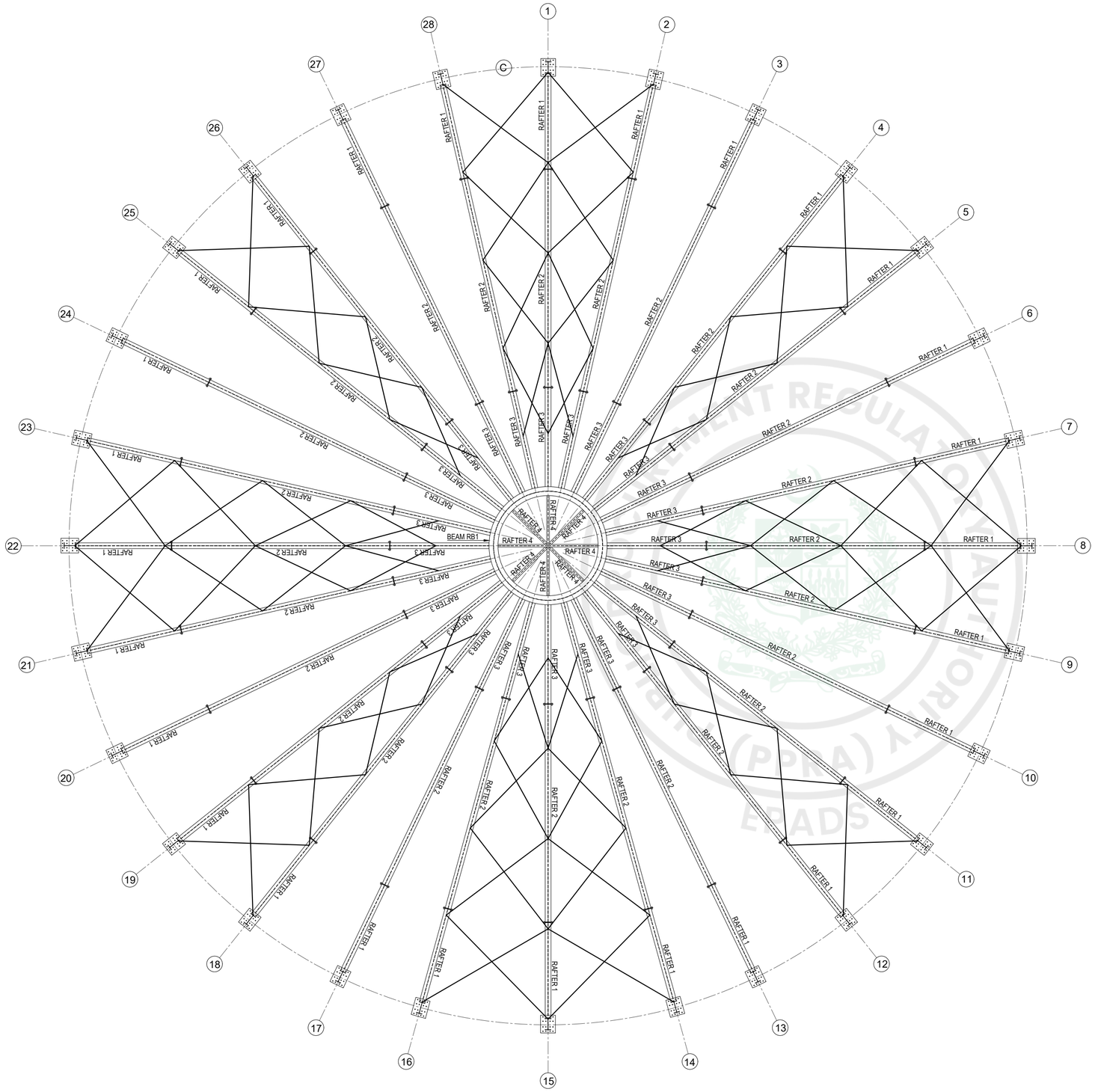
ANCHOR LAYOUT PLAN

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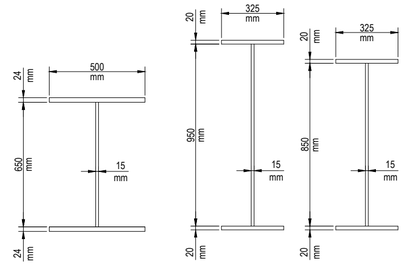
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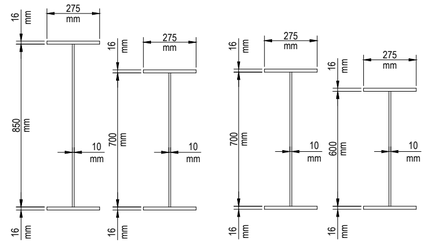
BEAM FRAMING PLAN

ALL HORIZONTAL BRACES ARE TUBE T1 (UNLESS NOTED OTHERWISE)



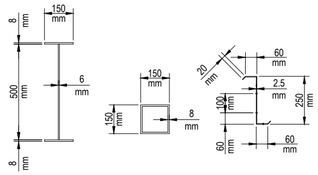
BEAM RB1

RAFTER 1
950-850x12-325x20



RAFTER 2
850-700x10-275x16

RAFTER 3
700-500x10-275x12



RAFTER 4
500x6-150x8

MS TUBE T1

PURLIN

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NOTES:

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

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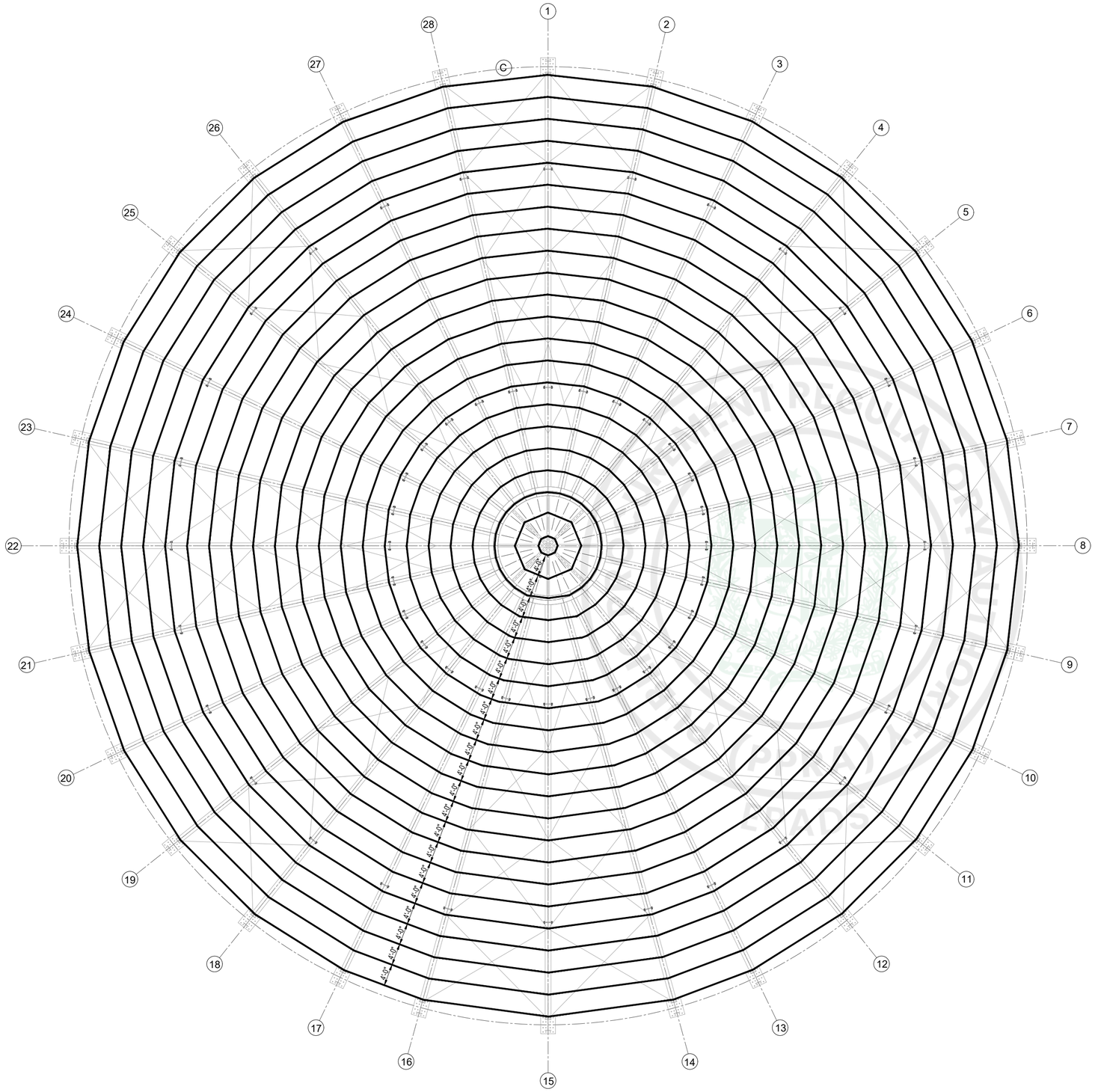
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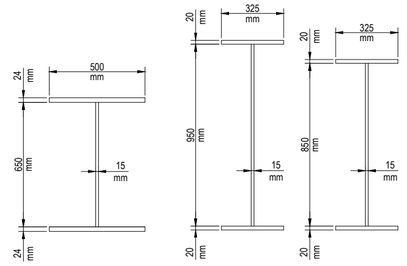
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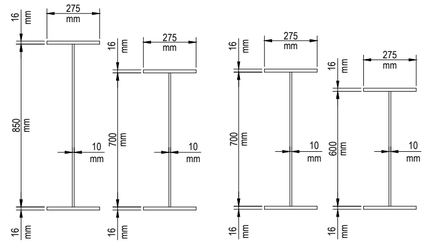


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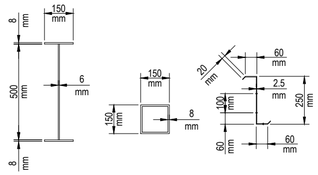
BEAM RB1

RAFTER 1
950-850x12-325x20



RAFTER 2
850-700x10-275x16

RAFTER 3
700-500x10-275x12



RAFTER 4
500x6-150x8

MS TUBE T1

PURLIN

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NOTES:

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CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

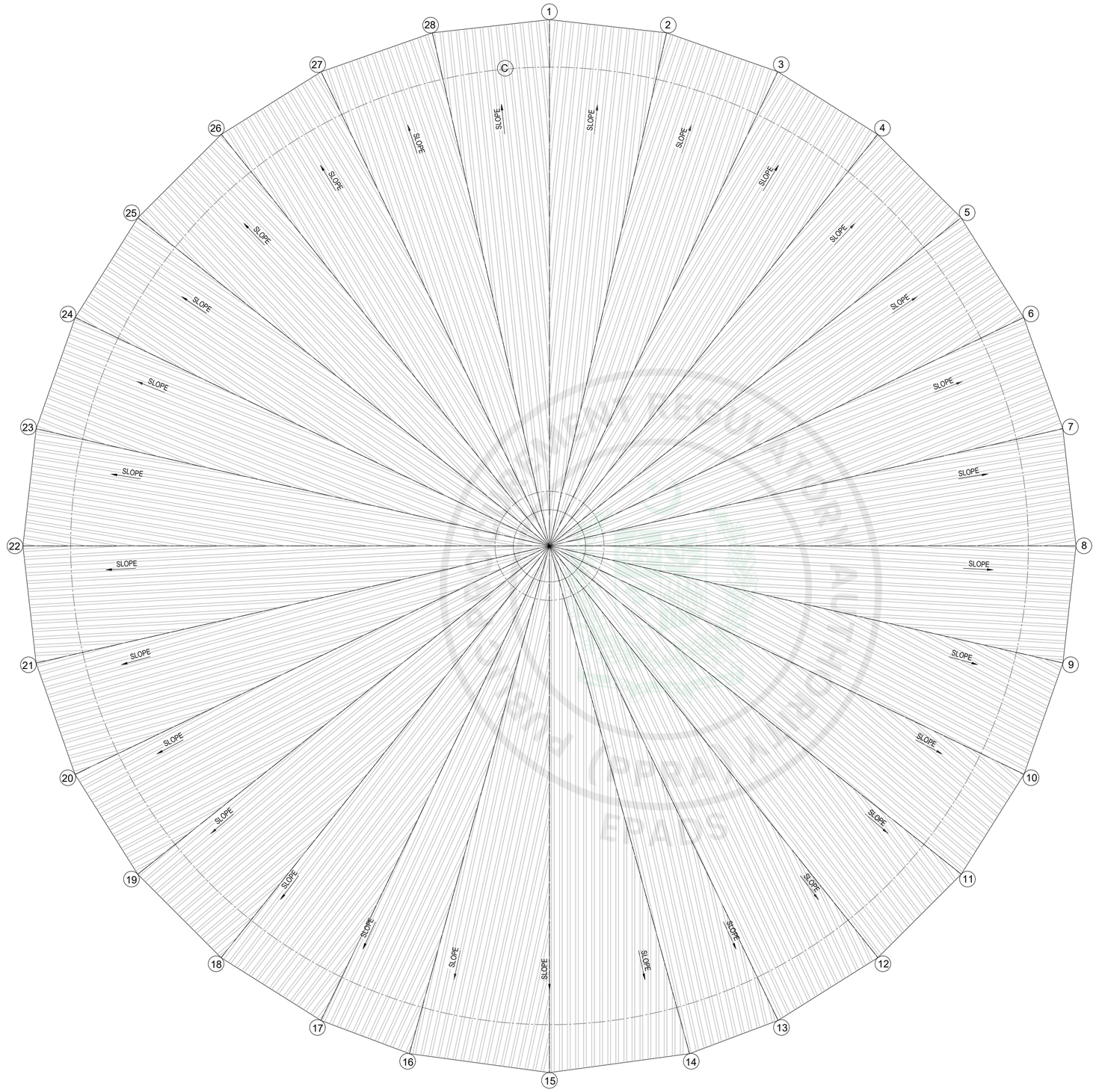
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ROOF SHEETING PLAN

NOTES:

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

ROOF SHEETING PLAN

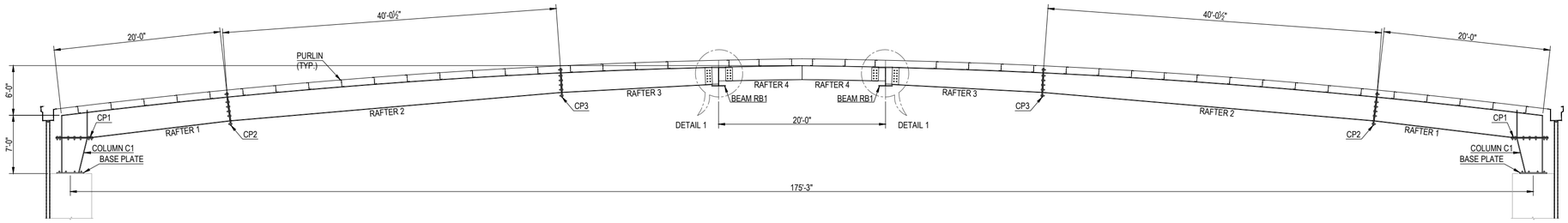
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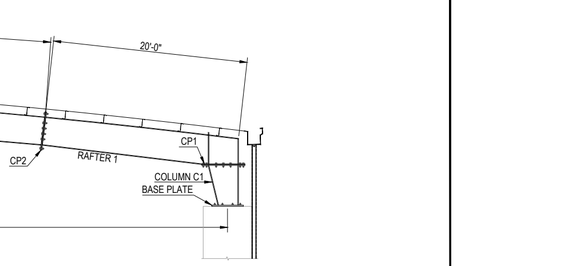
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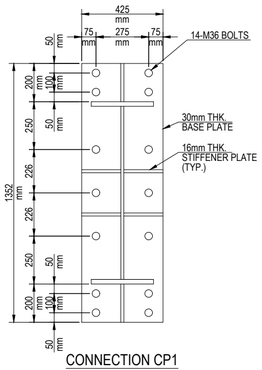
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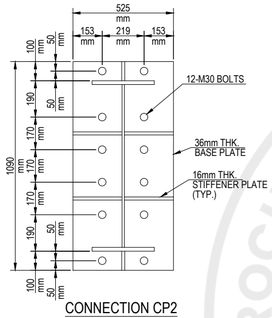
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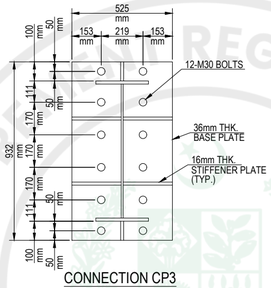
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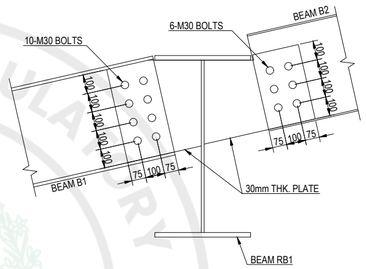
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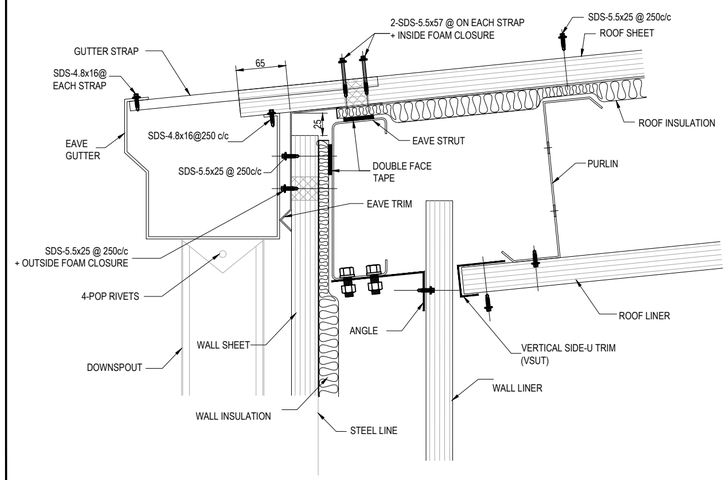
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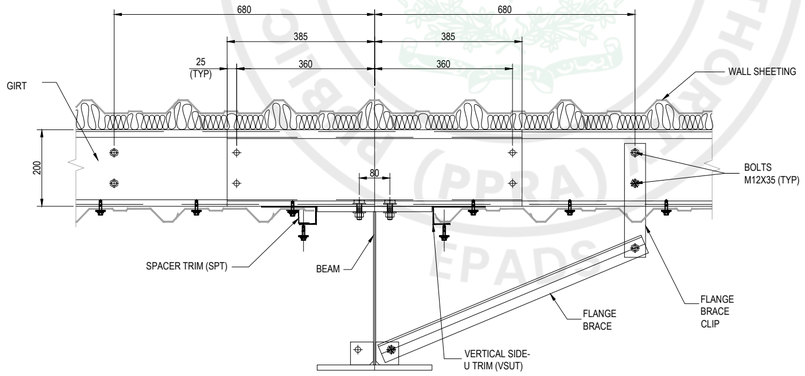
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DETAIL -1

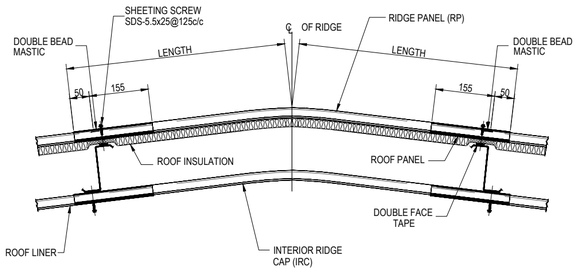


EAVE DETAIL
(WITH INSULATION & LINER)

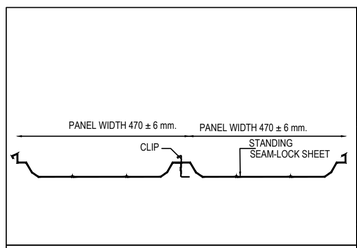


TYPICAL DETAIL OF FLANGE BRACED
ALL HOLES Ø 15, BOLTS Ø 12X35 U.N.O

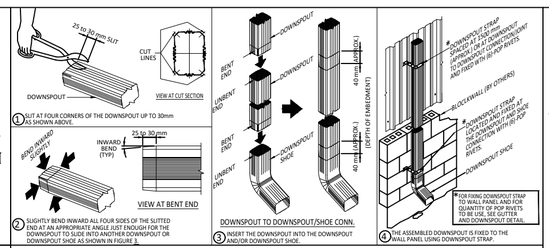
FLANGE BRACING
(WITH INSULATION & LINER)



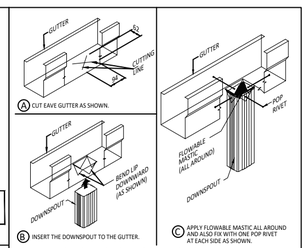
RIDGE PANEL DETAIL
(WITH INSULATION & LINER)



TYP. STANDING SEAM-LOCK SHEETING (ROOF SHEET)



DOWNSPOUTS CONNECTION DETAIL



GUTTER & DOWNSPOUT CONNECTION DETAIL

NOT FOR CONSTRUCTION

NOTES:

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

FRAMING SECTION AND DETAILS

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: NTS
DRAWN BY: AM / AS / WM	DESIGN BY: K.G
CHECKED BY: A.M.D / M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-NCC-04- S-25	REVISION: 00

IDAP

INFRASTRUCTURE DEVELOPMENT AUTHORITY OF PUNJAB
GOVERNMENT OF PUNJAB, PAKISTAN

CONSTRUCTION OF
NEW CONVENTION CENTER
ISLAMABAD

ANCILLARY BUILDINGS

STRUCTURAL DRAWINGS
(TENDER DRAWINGS)

DATE:- OCTOBER, 2026

INFRASTRUCTURE DEVELOPMENT
AUTHORITY OF PUNJAB
GOVERNMENT OF PUNJAB, PAKISTAN

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LIST OF DRAWINGS

S.NO.	DRG. NO	DRAWING TITLE
		GENERAL DRAWINGS
01	CNCCI-AB-04-LD-01	LIST OF DRAWINGS
02	CNCCI-AB-04-G-01	GENERAL NOTES
03	CNCCI-AB-04-G-02	GENERAL DETAILS
04	CNCCI-AB-04-G-03	GENERAL DETAILS
05	CNCCI-AB-04-G-04	4" & 6" WIDE SOLID BLOCK
06	CNCCI-AB-04-G-05	8" WIDE HOLLOW BLOCK
		METERING ROOM
07	CNCCI-AB-04-S-01	FOOTING LAYOUT PLAN & DETAIL
		MV ROOM
08	CNCCI-AB-04-S-01	FOOTING LAYOUT PLAN & DETAIL
		LV ROOM
09	CNCCI-AB-04-S-01	FOUNDATION AND COLUMN LAYOUT PLAN & DETAIL
10	CNCCI-AB-04-S-02	LV ROOM LINTEL LAYOUT PLAN & SLAB REINFORCEMENT PLAN
		TRANSFORMER ROOM
11	CNCCI-AB-04-S-01	FOUNDATION DETAILS
12	CNCCI-AB-04-S-02	SLAB REINFORCEMENT & DETAILS
		GEN SETS PAD
13	CNCCI-AB-04-S-01	GEN SETS PAD DETAIL

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

NOT FOR CONSTRUCTION

GENERAL NOTES:

1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH OTHER RELEVANT DRAWINGS

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

(ANCILLARY BUILDINGS)

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

LIST OF DRAWINGS

REV.	DATE	DESCRIPTION

DATE: OCTOBER,2026	SCALE:
DRAWN BY: M.M, U.A	DESIGN BY: K.G, Z.A, A.Z
CHECKED BY: A.M.D, M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-AB-04- LD-01	REV. 00

IDAP معمار پنجاب

1. SITE SAFETY

A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL SAFETY PRECAUTIONS AND REGULATIONS DURING THE WORK.

2. TEMPORARY WORKS

A. STRUCTURAL DRAWINGS HEREIN REPRESENT THE FINISHED STRUCTURE. THE CONTRACTOR SHALL PROVIDE ALL TEMPORARY GUYING AND BRACING REQUIRED TO ERECT AND HOLD THE STRUCTURE IN PROPER ALIGNMENT UNTIL ALL STRUCTURAL WORK AND CONNECTIONS HAVE BEEN COMPLETED.

B. THE INVESTIGATION, DESIGN, SAFETY, ADEQUACY AND INSPECTION OF ERECTION BRACING, SHORING, TEMPORARY SUPPORTS, ETC. IS THE SOLE RESPONSIBLY OF THE CONTRACTOR.

C. THE CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL SAFETY PRECAUTIONS AND REGULATIONS DURING THE WORK.

3. EXISTING SITE

A. CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS RELATING TO EXISTING CONDITIONS BY MAKING FIELD SURVEYS AND MEASUREMENTS PRIOR TO COMMENCING FABRICATION OR CONSTRUCTION.

B. THE CONTRACTOR SHALL ENSURE THAT ALL CONSTRUCTION METHODS USED WILL NOT CAUSE DAMAGE TO ADJACENT BUILDINGS, UTILITIES, OR OTHER PROPERTY. THIS REQUIREMENT IS PARTICULARLY IMPORTANT DURING FOUNDATION INSTALLATION

4. USE OF DRAWINGS

A. DRAWINGS INDICATE GENERAL AND TYPICAL DETAILS OF CONSTRUCTION. WHERE CONDITIONS ARE NOT SPECIFICALLY SHOWN, SIMILAR DETAILS OF CONSTRUCTION SHALL BE USED, SUBJECT TO APPROVAL OF THE ENGINEER.

B. DETAILS LABELED "TYPICAL" SHALL APPLY TO ALL SITUATIONS THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY DETAILED. SEE DETAIL TITLES FOR APPLICABILITY OF A PARTICULAR DETAIL. TYPICAL DETAILS SHALL APPLY WHETHER THEY ARE SPECIFICALLY KEYED AT EACH LOCATION. THE ENGINEER SHALL HAVE FINAL AUTHORITY TO DETERMINE APPLICABILITY OF TYPICAL DETAILS.

C. ONLY USE DIMENSIONS INDICATED ON THE DRAWINGS. DO NOT SCALE DRAWING.

D. ASSUME EQUAL SPACING BETWEEN ESTABLISHED DIMENSIONS, IF NOT INDICATED ON DRAWINGS.

E. CENTERLINES OF COLUMNS AND FOUNDATIONS COINCIDE WITH GRID LINE INTERSECTIONS, UON.

F. CENTERLINES OF GRADE BEAMS AND WALLS COINCIDE WITH CENTER LINES OF FOUNDATIONS, UON.

G. CENTER LINES OF FRAMING MEMBERS COINCIDE WITH COLUMN CENTER LINES, UON. ELEVATIONS INDICATED ON STRUCTURAL DRAWINGS ARE BASED ON A PROJECT DATUM INDICATED ON THE ARCHITECTURAL DRAWINGS.

5. SPECIALITY WORKS

A. WHEN CALCULATIONS ARE INCLUDED IN THE SUBMITTALS FOR COMPONENTS OF WORK DESIGNED AND CERTIFIED BY A SPECIALTY STRUCTURAL ENGINEER, THE REVIEW BY THE STRUCTURAL ENGINEER OF RECORD (SER) SHALL BE FOR CONFORMANCE WITH THE RELEVANT CONTRACT DOCUMENTS. THE SER'S REVIEW DOES NOT RELIEVE THE SPECIALTY STRUCTURAL ENGINEER FROM RESPONSIBILITY FOR THE DESIGN OF THEIR SYSTEM(S) AND THE COORDINATION WITH THE ELEMENTS OF THE STRUCTURE UNDER THE CERTIFICATION OF THE ENGINEER OF RECORD, OR OTHER SPECIALTY STRUCTURAL ENGINEERS. THE SER'S REVIEW DOES NOT CONSTITUTE A WARRANTY OF THE ACCURACY OR COMPLETENESS OF THE SPECIALTY STRUCTURAL ENGINEER'S DESIGN

B. ALL STRUCTURAL SYSTEMS WHICH ARE TO BE COMPOSED OF COMPONENTS TO BE FIELD ERECTED SHALL BE SUPERVISED BY THE SUPPLIER DURING MANUFACTURING, DELIVERY, HANDLING, STORAGE, AND ERECTION IN ACCORDANCE WITH THE SUPPLIER'S INSTRUCTIONS AND REQUIREMENTS.

C. NO STRUCTURAL MEMBER MAY BE CUT, NOTCHED, OR OTHERWISE REDUCED IN STRENGTH WITHOUT WRITTEN DIRECTION FROM THE ENGINEER OF RECORD.

D. WHEN MODIFICATIONS ARE PROPOSED TO STRUCTURAL ELEMENTS UNDER THE DESIGN AND CERTIFICATION OF A SPECIALTY ENGINEER, WRITTEN AUTHORIZATION BY THE SPECIALTY ENGINEER MUST BE OBTAINED AND SUBMITTED TO THE ENGINEER OF RECORD FOR REVIEW, PRIOR TO PERFORMING THE PROPOSED MODIFICATION.

6. CONSTRUCTION LOADS

A. LOADING APPLIED TO THE STRUCTURE DURING THE PROCESS OF CONSTRUCTION SHALL NOT EXCEED THE SAFE LOAD-CARRYING CAPACITY OF THE STRUCTURAL MEMBERS.

B. THE CONTRACTOR SHALL INFORM THE ENGINEER ABOUT ANTICIPATED CONSTRUCTION LOADS ON THE STRUCTURE AND OBTAIN ENGINEER'S APPROVAL THEREOF BEFORE COMMENCING WORK.

C. MAXIMUM ALLOWED CONSTRUCTION LOAD IS 100 PSF, WHICH CAN BE APPLIED IN ABSENCE OF ANY FINISHES AND 28 DAYS AFTER CONCRETE CASTING.

D. DO NOT APPLY ANY CONSTRUCTION LOADS UNTIL STRUCTURAL FRAMING IS PROPERLY CONNECTED AND UNTIL ALL TEMPORARY BRACING IS IN PLACE.

7. REFERENCES

A. ALL ASTM AND OTHER REFERENCED STANDARDS AND CODES ARE FOR THE LATEST EDITIONS OF THESE PUBLICATIONS, UNLESS OTHERWISE NOTED.

B. THE GENERAL CONTRACTOR SHALL OBTAIN COPIES OF THE LATEST CONTRACT DOCUMENTS, INCLUDING ALL ADDENDA, AND PROVIDE THE RELEVANT PORTIONS TO ALL SUB-CONTRACTORS AND SUPPLIERS PRIOR TO SUBMITTAL OF SHOP DRAWINGS, BAR BENDING SCHEDULE AND FABRICATION AND ERECTION OF STRUCTURAL MEMBERS.

8. COORDINATION WITH OTHER TRADES

8.1. *DIMENSIONAL COORDINATION*

A. THE CONTRACTOR SHALL COMPARE AND COORDINATE DRAWINGS OF ALL DISCIPLINES, AND CHECK ALL DIMENSIONS RELATING TO ARCHITECTURAL FINISHES, MECHANICAL EQUIPMENT AND OPENINGS, ELEVATOR SHAFTS AND OVERRUNS, ETC. AND NOTIFY THE ARCHITECT/ENGINEER OF ANY DISCREPANCIES BEFORE PROCEEDING WITH ANY WORK IN THE AREA UNDER QUESTION.

8.2. PRE-POUR INSTALLATION

A. THE CONTRACTOR SHALL VERIFY THE REQUIREMENTS OF OTHER TRADES AS TO SLEEVES, CHASES, HANGERS, INSERTS, ANCHORS, HOLES, AND OTHER ITEMS TO BE PLACED OR SET IN THE STRUCTURAL WORK.

B. THERE SHALL BE NO VERTICAL OR HORIZONTAL SLEEVES SET, OR HOLES CUT OR DRILLED IN ANY BEAM OR COLUMN UNLESS SHOWN ON THE STRUCTURAL DRAWINGS OR APPROVED IN WRITING BY THE ENGINEER OF RECORD.

8.3. OPENINGS

A. MECHANICAL AND ELECTRICAL OPENINGS THROUGH SUPPORTED SLABS AND WALLS 8" IN DIAMETER, OR LARGER, NOT SHOWN ON THE STRUCTURAL DRAWINGS MUST BE APPROVED BY THE ENGINEER. OPENINGS LESS THAN 8" IN DIAMETER SHALL HAVE AT LEAST 1'-0" CLEAR BETWEEN OPENINGS, UNLESS APPROVED IN WRITING BY THE ENGINEER.

8.4. THE E&M CONTRACTOR

A. THE ELECTRICAL/MECHANICAL CONTRACTOR SHALL NOTIFY THE ENGINEER OF RECORD OF ANY ELECTRICAL/MECHANICAL UNIT SUPPORTED BY THE STRUCTURE NOT SHOWN ON THE STRUCTURAL DRAWINGS, WHOSE WEIGHT IS GREATER THAN 100 PSF

B. THE MECHANICAL CONTRACTOR SHALL VERIFY THAT MECHANICAL UNITS SUPPORTED BY THE STEEL FRAMING ARE CAPABLE OF SPANNING THE DISTANCE BETWEEN THE SUPPORTING MEMBERS INDICATED ON THE STRUCTURAL DRAWINGS. THE MECHANICAL CONTRACTOR SHALL SUPPLY ADDITIONAL SUPPORT FRAMING AS REQUIRED.

8.5. DRAWING & SPECS CONFLICT

A. IF DRAWINGS AND SPECIFICATIONS ARE IN CONFLICT, THE MOST STRINGENT RESTRICTIONS AND REQUIREMENTS SHALL GOVERN.

9. EARTHWORK AND FOUNDATION

A. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DEWATERING SYSTEM IF AND WHERE REQUIRED DURING CONSTRUCTION.

B. TERMITE CONTROL TREATMENT SHALL BE CARRIED OUT IN THE BUILDING AS PER SPECIFICATIONS.

C. THE CONTRACTOR SHALL VERIFY FOUNDATION INSTALLATION AND CONSTRUCTION IS IN CONFORMANCE WITH THE RECONNECTIONS OUTLINED IN THE GEOTECHNICAL REPORT.

D. CONTRACTOR SHALL BE RESPONSIBLE TO ADEQUATELY PROTECT ALL EXCAVATION WHERE NECESSARY, SHEET AND SORE THE EXCAVATION WITH ALL REQUIRED TIEBACKS AND BRACING AS DETERMINED BY CONTRACTOR'S STRUCTURAL ENGINEER.

E. PROVIDE BRACING FOR ALL BASEMENT FOUNDATION WALLS PRIOR TO BACKFILLING. THIS BRACING SHALL REMAIN IN PLACE UNTILL ALL SLAB AND BEAMS FRAMING INTO WALL HAVE BEEN PLACED AND HAVE ATTAINED 100% OF THEIR DESIGN STRENGTH.

F. BACKFILLING OF SOIL SHALL BE DONE IN A MANNER THAT THERE MUST NOT BE A LEVEL DIFFERENCE OF MORE THAN 1FT ON BOTH SIDES OF THE BOUNDARY WALL.

10. CONCRETE WORKS

10.1. CONCRETE MIXTURE

A. ALL CONCRETE BE SUPPLIED BY A READY-MIX CONCRETE FACILITY THAT IS CERTIFIED AND IN GOOD STANDING THE CONTRACTOR SHALL SUBMIT MIX DESIGN TO THE ENGINEER FOR APPROVAL.

B. THE SLUMP OF CONCRETE WITHOUT ADMIXTURE FOR VARIOUS COMPONENTS OF STRUCTURE SHALL CONFORM WITH LIMITS LISTED IN TABLE 6.3.1 OF ACI 2111-91.

TYPES OF CONSTRUCTION	SLUMP, IN	
	MAXIMUM	MINIMUM
REINFORCED FOUNDATION, WALLS & FOOTINGS	3	1
PLAIN FOOTINGS, CAISSONS, SUBSTRUCTURE WALLS	3	1
BEAMS & REINFORCED WALLS	4	1
BUILDING COLUMNS	4	1
PAVEMENTS & SLABS	3	1
MASS CONCRETE	2	1

C. THE MINIMUM QUANTITY OF CEMENT PER CUBIC METER OF CONCRETE SHALL BE AS FOLLOWS.

28 DAYS CONCRETE COMPRESSIVE STRENGTH (PSI)	STANDARD CEMENT kg / m^3 OF CONCRETE
3000	≥ 300
4000	≥ 400
5000	≥ 450

D. 28 DAYS CYLINDRICAL COMPRESSIVE STRENGTH FOR DIFFERENT COMPONENTS OF THE STRUCTURE SHALL COMPLY WITH THE FOLLOWING.

COMPONENT	SPECIFIED [i,ii] COMPRESSIVE STRENGTH (AT 28 DAYS)
	PSI
BLOCKS	1900
COLUMNS	3000
SLABS/BEAMS	3000
FOUNDATIONS / RETAINING WALL	3000

i. CONCRETE COMPANION CYLINDERS PLACED AT LOCATION OF CASTING AND CURED AS PER REQUIREMENTS STATED IN SECTION 10.2.4 OF GENERAL NOTES UNDER FIELD CONDITIONS.

ii. MINIMUM COMPRESSIVE STRENGTH OF CONCRETE SHALL MEET THE CRITERIA SPECIFIED IN SECTION 26.12.3.1 OF ACI 318-14.

F. ORDINARY PORTLAND CEMENT SHALL BE USED IN ALL CONCRETE WORKS UNLESS NOTED OTHERWISE.

G. NORMAL WEIGHT AGGREGATE SHALL CONFORM WITH ASTM C33 WITH A MAXIMUM SIZE OF 1.0" WHEREAS WATER SHALL CONFORM WITH ASTM C1602.

H. THE ADMIXTURE USED SHALL CONFORM TO REQUIREMENTS LISTED IN SECTION 26.4.1.4 OF ACI 318-14.

I. THE MAXIMUM POURING TEMPERATURE OF CONCRETE SHALL BE EQUAL TO 32.2°C.

10.2. PLACEMENT OF CONCRETE

10.2.1. *WEATHER CONSIDERATIONS*

A. POURING OF CONCRETE SHALL BE DONE AT NIGHT FROM APRIL TILL OCTOBER.

B. FOR EACH POUR OR PER 50 CUBIC METER OF CONCRETING, THE CONTRACTOR SHALL CAST THREE SETS OF THREE CYLINDRICAL SPECIMENS TO BE STORED, CURED & TESTED UNDER LABORATORY CONDITIONS AT 7 DAYS, 14 DAYS AND 28DAYS AND TWO SETS OF THREE COMPANION CYLINDRICAL SPECIMENS TO BE PLACED AND CURED AT THE LOCATION OF CASTING & TESTED AT 7 DAYS AND 28 DAYS AFTER CASTING.

C. DO NOT PLACE CONCRETE WHILE RAIN, SLEET, OR SNOW IS FALLING UNLESS PROTECTION IS PROVIDED.

D. UNLESS OTHERWISE SPECIFIED, THE TEMPERATURE OF CONCRETE AS DELIVERED SHALL NOT EXCEED 32.2°F.IF TEMPERATURE OF REINFORCEMENT, EMBEDMENTS, OR FORMS IS GREATER THAN 48°C, USE A FINE MIST OF WATER TO MOISTEN AND COOL HOT SURFACES. REMOVE STANDING WATER BEFORE PLACING CONCRETE.

10.2.2. *CONVEYING*

A. CONCRETE WORKING TIME FROM BATCHING TO PLACEMENT AND CONSOLIDATION SHALL NOT EXCEED 1-1/2 HOURS, OR THE INITIAL SETTING TIME OF CONCRETE, WHICHEVER IS SMALLER.

B. USE METAL OR METAL-LINED CHUTES HAVING ROUNDED BOTTOMS AND SLOPED BETWEEN 1:2 AND 1:3. CHUTES LONGER THAN 20 FT AND CHUTES NOT MEETING SLOPE REQUIREMENTS MAY BE USED PROVIDED DISCHARGE IS INTO A HOPPER BEFORE DISTRIBUTING INTO FORMS.

C. USE PUMPING EQUIPMENT THAT HAS SUFFICIENT CAPACITY SO THAT:

iii. DISCHARGE OF PUMPED CONCRETE DOES NOT RESULT IN SEGREGATION.

ii. MODIFICATION OF ACCEPTED CONCRETE MIXTURE IS NOT REQUIRED.

10.2.3. DEPOSITING

A. DEPOSIT CONCRETE CONTINUOUSLY AND AS NEAR AS PRACTICABLE TO THE FINAL POSITION.

B. DEPOSIT CONCRETE IN ONE LAYER OR IN MULTIPLE LAYERS. DO NOT PLACE FRESH CONCRETE AGAINST CONCRETE THAT WOULD RESULT IN COLD JOINTS UNLESS CONSTRUCTION JOINT REQUIREMENTS OF 10.2.5 ARE MET.

C. DO NOT PLACE CONCRETE THAT CONTAINS FOREIGN MATERIAL.

D. DO NOT PLACE CONCRETE OVER COLUMNS OR WALLS UNTIL CONCRETE IN COLUMNS AND WALLS HAS REACHED FINAL SETTING.

E. PLACE CONCRETE FOR BEAMS, GIRDERS, BRACKETS, COLUMN CAPITALS, HAUNCHES, AND DROP PANELS AT SAME TIME AS CONCRETE FOR ADJACENT SLABS.

F. UNLESS OTHERWISE SPECIFIED, CONSOLIDATE CONCRETE BY VIBRATION. CONSOLIDATE CONCRETE AROUND REINFORCEMENT, EMBEDDED ITEMS, AND INTO CORNERS OF FORMS.

10.2.4. CURING

A. MAINTAIN VISIBLE WATER SHEEN WITHOUT ACCUMULATION OF STANDING WATER ON CONCRETE SURFACE UNTIL FINAL SETTING OF CONCRETE.

B. BUILD A DIKE AROUND CONCRETE AND FLOOD SURFACE WITH WATER. ENTIRE SURFACE IS TO REMAIN COVERED WITH WATER FOR DURATION OF CURING PERIOD. KEEP CONCRETE SURFACES CONTINUOUSLY WET. TEMPERATURE OF WATER USED SHALL NOT BE MORE THAN 20°F COOLER THAN SURFACE TEMPERATURE OF THE CONCRETE AT THE TIME THE WATER AND CONCRETE COME IN CONTACT.

C. FIELD CURING OF CONCRETE SHALL COMPLY WITH ACI 308R-16. EXCEPT THE FOLLOWING:

i. FOR RAFT/SLAB WATER SHALL BE POOLED ON TOP OF THE RAFT/SLAB FOR AT-LEAST 14 DAYS AFTER CASTING.FORMWORK SHALL BE DESIGNED ACCORDINGLY.

ii. FOR BEAMS/VERTICAL MEMBERS, HESSIAN CLOTH SHALL BE RETAINED IN MOIST CONDITION FOR AT-LEAST 14 DAYS AFTER CASTING

10.2.5. CONSTRUCTION JOINTS

A. UNLESS OTHERWISE SPECIFIED, SUBMIT DETAILS AND LOCATIONS OF CONSTRUCTION JOINTS IN ACCORDANCE WITH THE FOLLOWING REQUIREMENTS:

B. LOCATE JOINTS WITHIN MIDDLE ONE-THIRD OF SPANS OF SLABS, BEAMS, AND GIRDERS. IF A BEAM INTERSECTS A GIRDER WITHIN THE MIDDLE ONE-THIRD OF GIRDER SPAN, THE DISTANCE BETWEEN THE CONSTRUCTION JOINT IN THE GIRDER AND THE EDGE OF THE BEAM SHALL BE AT LEAST TWICE THE WIDTH OF THE LARGER MEMBER.

C. LOCATE JOINTS IN WALLS AND COLUMNS AT UNDERSIDE OF SLABS, BEAMS, OR GIRDERS AND AT TOPS OF FOOTINGS OR SLABS.

D. MAKE JOINTS PERPENDICULAR TO MAIN REINFORCEMENT. PROVIDE MOVEMENT JOINTS WHERE INDICATED

E. ROUGHEN SURFACE IN AN ACCEPTABLE MANNER THAT EXPOSES COARSE AGGREGATE AND DOES NOT LEAVE LAITANCE, LOOSENED AGGREGATE PARTICLES, OR DAMAGED CONCRETE AT SURFACE. REMOVE LAITANCE AND THOROUGHLY CLEAN AND DAMPEN CONSTRUCTION JOINTS BEFORE PLACEMENT OF FRESH CONCRETE.

10.2.6. *REPAIR OF SURFACE DEFECTS*

A. REPAIR SURFACE DEFECTS USING REPAIR MATERIAL AS APPROVED BY THE ENGINEER. PREPARE THE SURFACE AS FOLLOWS OR AS PER VENDOR'S SPECIFICATIONS:

B. OUTLINE REPAIR AREA WITH A 1.5 IN. DEEP SAWCUT AND REMOVE DEFECTIVE CONCRETE DOWN TO SOUND CONCRETE. LEAVE CHIPPED EDGES PERPENDICULAR TO THE SAW-CUT SURFACE OR SLIGHTLY UNDERCUT. DO NOT FEATHER EDGES. DAMPEN THE AREA TO BE PATCHED PLUS 6 IN. AROUND THE PATCH AREA PERIMETER.

C. PREPARE SCRUB COAT, THOROUGHLY BRUSH SCRUB COAT INTO THE SURFACE. WHEN THE SCRUB COAT BEGINS TO LOSE WATER SHEEN, APPLY PATCHING MORTAR AND THOROUGHLY CONSOLIDATE MORTAR INTO PLACE. STRIKE OFF MORTAR, FINISHING FLUSH TO THE FINAL SURFACE. LEAVE THE PATCH UNDISTURBED FOR 1 HOUR BEFORE FINISHING. KEEP THE PATCH DAMP FOR 7 DAYS.

10.2.7. MAXIMUM POUR SIZE

A. MAXIMUM CONTINUES POUR SIZE SHALL BE LIMITED TO 72'x72' OR 2.66 BAYS, WHICHEVER IS SMALLER.

11. REINFORCEMENT

A. ALL CONCRETE WORK SHALL INCLUDE REINFORCEMENT. IF REINFORCEMENT IS NOT SPECIFICALLY INDICATED ON THE DRAWINGS, VERIFY WITH THE STRUCTURAL ENGINEER BEFORE PROCEEDING WITH WORK.

B. HEATING QUENCHING AND BENDING OF REINFORCING STEEL ON SITE IS NOT ALLOWED.

11.1. *STANDARD*

A. DETAILS OF REINFORCING STEEL FABRICATION AND PLACEMENT SHALL CONFORM TO ACI 315 -"DETAILS AND DETAILING OF CONCRETE REINFORCEMENT" AND ACI 315R - "MANUAL OF ENGINEERING AND PLACING DRAWINGS FOR REINFORCED CONCRETE STRUCTURES", UNLESS OTHERWISE INDICATED, UON.

11.1. REBAR SPECS

A. REINFORCEMENT SHALL CONFORM TO THE FOLLOWING STANDARDS AND MATERIAL PROPERTIES:
DEFORMED BARS, UON……………………………………ASTM A615, GRADE 60
WELDABLE DEFORMED BARS, UON……………………………ASTM A706, GRADE 60
EPOXY COATED DEFORMED BARS……………………ASTM A615,GRADE 60 UON/ ASTM A775
WELDED WIRE REINFORCEMENT……………………………………ASTM A185
EPOXY COATED WELDED WIRE REINFORCEMENT……………………ASTM A185/A884

B. ALL REINFORCEMENT SHALL BE DEFORMED, CONFORMING TO ASTM A-615 GRADE 60 WITH SPECIFIED YIELD STRENGTH OF NOT LESS THAN 60,000 PSI NOR MORE THAN 78000 PSI, AND RATIO OF ULTIMATE STRENGTH / YIELD STRENGTH NOT LESS THAN 1.25.

11.1. COVER

A. REINFORCEMENT SHALL HAVE CONCRETE PROTECTION (CLEAR COVER) PER ACI 318 UNLESS OTHERWISE INDICATED ON THE DRAWINGS.

LOCATION	COVER
CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH	3"
CONCRETE EXPOSED TO EARTH OR WEATHER	
NO 5 BARS OR SMALLER	1½"
NO 6 BARS AND LARGER	2"
CONCRETE NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND	
SLABS, WALLS, JOISTS:NO 11 BARS OR SMALLER	¾"
NO 14 BARS AND LARGER	1 ½"
BEAMS, COLUMNS:PRIMARY REINFORCEMENT, TIES, STIRRUPS, SPIRALS	1½"
SHELLS, FOLDED PLATE MEMBERS:NO 11 BARS OR SMALLER	½"
NO 14 BARS AND LARGER	¾"

B. FOR BUNDLED BARS, CONCRETE COVER SHALL BE THE SMALLER OF (i) AND (ii):

i. EQUIVALENT DIAMETER OF THE BUNDLE

ii. 2 IN. AND FOR CONCRETE CAST AGAINST AND PERMANENTLY IN CONTACT WITH GROUND, THE SPECIFIED COVER SHALL BE 3 IN.

11.1. LAP

B. TYPE OF LAP SPLICE UNLESS OTHERWISE NOTED ALL LAP SPLICES ARE TO BE CLASS "B" SPLICES PER REBAR OFFSET AND LAP SPLICE SCHEDULE.

C. LAP SPLICE LOCATION

i. LAP REINFORCEMENT ONLY AT LOCATIONS AS SPECIFICALLY DETAILED ON THE DRAWINGS.

ii. REINFORCEMENT MARKED AS CONTINUOUS CAN BE SPLICED SUCH THAT TOP BARS TO BE SPLICED AT CENTRE SPAN AND BOTTOM BARS OVER SUPPORTS, UON (SLABS & BEAMS).

iii. REINFORCEMENT MARKED AS CONTINUOUS CAN BE SPLICED SUCH THAT TOP BARS TO BE SPLICED OVER SUPPORTS AND BOTTOM BARS AT MID SPAN, UON (RAFT & FOOTING).

C. UNLESS NOTED OTHERWISE LAP, BARS SHALL BE A MINIMUM OF

i) SPLICE LENGTH SCHEDULE, Lp

BAR NO.	BAR DIA (IN.)	f'_c= 5000 psi	f'_c= 4000 psi	f'_c= 3000 psi
#3	0.375	17"	20"	22"
#4	0.500	23"	25"	29"
#5	0.625	28"	32"	37"
#6	0.750	34"	38"	43"
#7	0.875	48"	55"	63"
#8	1.000	55"	63"	72"
#10	1.27	70"	80"	90"

ii) DEVELOPMENT LENGTH, Ld

BAR NO.	BAR DIA (IN.)	f'_c= 5000 psi	f'_c= 4000 psi	f'_c= 3000 psi
#3	0.375	13"	15"	17"
#4	0.500	17"	19"	22"
#5	0.625	22"	24"	28"
#6	0.750	26"	29"	33"
#7	0.875	37"	42"	48"
#8	1.000	42"	48"	55"
#10	1.27	54"	61"	69"

i) SPLICE LENGTH SCHEDULE, Lp

BAR NO.	BAR DIA (IN.)	FOR HORIZONTAL REINFORCEMENT HAVING MORE THAN 12 INCHES OF FRESH CONCRETE CASTED BELOW		
		f'_c= 5000 psi	f'_c= 4000 psi	f'_c= 3000 psi
#3	0.375	23"	26"	29"
#4	0.500	30"	33"	38"
#5	0.625	37"	42"	49"
#6	0.750	45"	50"	56"
#7	0.875	63"	72"	82"
#8	1.000	72"	82"	94"
#10	1.27	91"	104"	117"

ii) DEVELOPMENT LENGTH, Ld

BAR NO.	BAR DIA (IN.)	FOR HORIZONTAL REINFORCEMENT HAVING MORE THAN 12 INCHES OF FRESH CONCRETE CASTED BELOW		
		f'_c= 5000 psi	f'_c= 4000 psi	f'_c= 3000 psi
#3	0.375	17"	20"	23"
#4	0.500	23"	25"	29"
#5	0.625	29"	32"	37"
#6	0.750	34"	38"	43"
#7	0.875	49"	55"	63"
#8	1.000	55"	63"	72"
#10	1.27	71"	80"	90"

i. SPLICE LENGTHS TO BE MULTIPLIED BY FACTOR OF 1.2 FOR BUNDLE OF THREE BARS AND WITH A FACTOR OF 1.33 FOR BUNDLE OF 4 BARS.

ii. WHEN BARS OF DIFFERENT DIAMETER ARE SPLICED, THE LAP SPLICE SHALL BE THE LARGER OF

a. THE SPLICE LENGTH OF THE SMALLER DIA BAR.

b. THE DEVELOPMENT LENGTH OF THE LARGER DIA BARS.

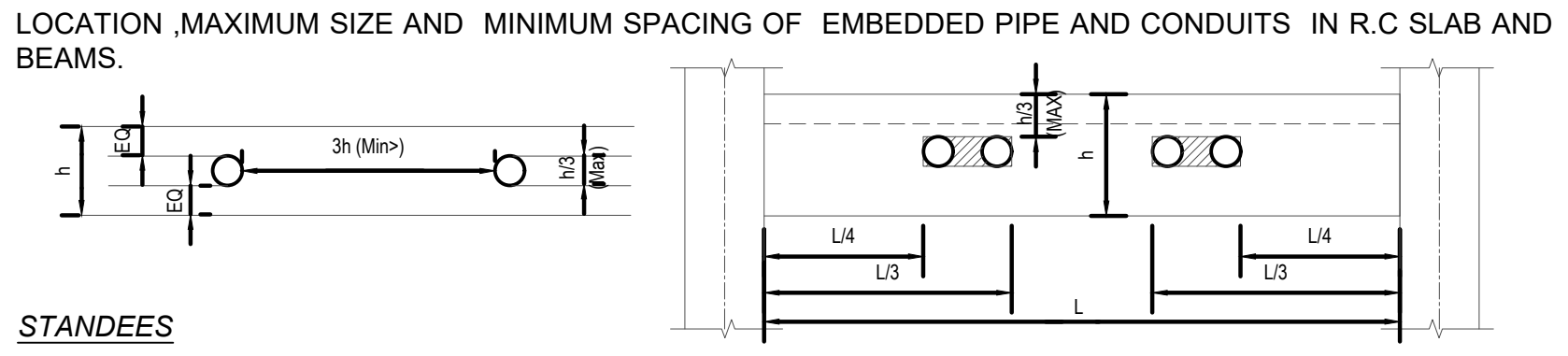
iii. ALL LAP SPLICES TO BE STAGGERED.

iv. UON, ALL LAP SPLICES ARE TO BE TENSION LAP SPLICES PER LAP SPLICE AND EMBEDMENT SCHEDULE.

11.5. EMBEDMENTS

A. REINFORCEMENT AND OTHER MISCELLANEOUS STEEL EMBEDDED ITEMS SHALL BE LOCATED AND HELD IN SPECIFIED POSITION PRIOR TO PLACEMENT OF CONCRETE AND SHALL NOT BE PUSHED INTO CONCRETE FOLLOWING CONCRETE POUR.

B. LOCATION ,MAXIMUM SIZE AND MINIMUM SPACING OF EMBEDDED PIPE AND CONDUITS IN R.C SLAB AND BEAMS.



11.6. STANDEES

A. THE REINFORCEMENT SHALL BE SUPPORTED ON STANDARD ACCESSORIES, HELD RIGIDLY AND ACCURATELY IN PLACE, AND PROTECTED AGAINST DISPLACEMENT BEFORE AND DURING PLACEMENT OF CONCRETE IN ACCORDANCE WITH THE CONCRETE REINFORCING STEEL INSTITUTES "MANUAL OF STANDARD PRACTICE".SUPPORTING ACCESSORY LEGS THAT REST ON CONCRETE SURFACES THAT WILL BE EXPOSED IN THE FINISHED STRUCTURE SHALL BE FABRICATED OF STAINLESS STEEL.

B. PROVIDE STANDEES FOR THE SUPPORT OF TOP REINFORCEMENT FOR FOOTINGS, PILE CAPS, AND MATS. PROVIDE INDIVIDUAL HIGHCHAIRS WITH SUPPORT BARS, AS REQUIRED FOR THE SUPPORT OF TOP REINFORCEMENT FOR SUPPORTED SLABS.

11.1. DOWELS

A. DOWELS SHALL MATCH SIZE AND SPACING OF MAIN REINFORCEMENT WITH LAP SPLICES AS SHOWN ON THE APPLICABLE SECTIONS, UON. INSTALL DOWELS IN THE FOOTING FORMS BEFORE CONCRETE IS PLACED. DO NOT STICK DOWELS INTO FOOTINGS AFTER CONCRETE IS PLACED.

11.1. REBAR TERMINATION

TERMINATION OF REINFORCEMENT, UON:

A. TERMINATE REBARS AT CONTINUOUS ENDS IN LAPS OR WITH DOWELS INTO EXISTING CONCRETE.

B. TERMINATE BARS AT DISCONTINUOUS ENDS WITH STANDARD HOOK AS PER ACI 318-14

C. BEND TOP MAT OR FOOTING BARS DOWN TO BOTTOM BARS AT ENDS.

D. BEND BOTTOM MAT OR FOOTING BARS UP WITH STANDARD 90 DEGREE BENDS

E. PRE-POUR STEEL INSPECTION: PRIOR TO PLACING CONCRETE, ENSURE THAT ALL REINFORCING STEEL IS CLEAN, FREE OF LOOSE SCALE, RUST, MUD OIL OR OTHER FOREIGN MATERIAL WICH WOULD REDUCE THE BOND.

12. FORMWORK

A. SEQUENCE OF REMOVAL OF FORMWORK SHALL BE AS APPROVED BY THE DESIGNER.

B. ALL PROPS, BRACINGS, GUY WIRE PROPS, ETC. REQUIRED FOR STRENGTH AND STABILITY OF THE STRUCTURE AND THE FORMWORK DURING CONSTRUCTION SHALL BE PROVIDED BY THE CONTRACTOR.

C. AT LEAST ONE LOWER FLOOR SHALL REMAIN PROPPED UNTIL THE UPPER FLOOR IS CAST AND CURED.

D. CONSTRUCT FORMWORK TO INHIBIT LEAKAGE OF MORTAR FROM FRESH CONCRETE AT JOINTS IN FORMWORK. REMOVE LEAKED MORTAR FROM FORMWORK JOINTS BEFORE REUSE

E. INSPECT FORMWORK AND REMOVE FOREIGN MATERIAL BEFORE CONCRETE IS PLACED.

F. AT CONSTRUCTION JOINTS, LAP FORM-FACING MATERIALS OVER THE CONCRETE OF PREVIOUS PLACEMENT. ENSURE FORMWORK IS PLACED AGAINST HARDENED CONCRETE SO OFFSETS AT CONSTRUCTION JOINTS CONFORM TO SPECIFIED TOLERANCES

G. PROVIDE POSITIVE MEANS OF ADJUSTMENT (SUCH AS WEDGES OR JACKS) OF SHORES AND STRUTS. DO NOT MAKE ADJUSTMENTS IN FORMWORK AFTER CONCRETE HAS REACHED INITIAL SETTING. BRACE FORMWORK TO RESIST LATERAL DEFLECTION AND LATERAL INSTABILITY.

H. TO MAINTAIN SPECIFIED ELEVATION AND THICKNESS WITHIN TOLERANCES, INSTALL FORMWORK TO COMPENSATE FOR DEFLECTION AND ANTICIPATED SETTLEMENT IN FORMWORK DURING CONCRETE PLACEMENT.

I. CONSTRUCT FORMWORK FOR OPENINGS TO FACILITATE REMOVAL AND TO PRODUCE OPENING DIMENSIONS AS SPECIFIED AND WITHIN TOLERANCES.

J. POSITION AND SUPPORT EXPANSION JOINT MATERIALS, WATERSTOPS, AND OTHER EMBEDDED ITEMS TO PREVENT DISPLACEMENT. FILL VOIDS IN SLEEVES, INSERTS, AND ANCHOR SLOTS TEMPORARILY WITH REMOVABLE MATERIAL TO PREVENT CONCRETE ENTRY INTO VOIDS.

K. CLEAN SURFACES OF FORMWORK AND EMBEDDED MATERIALS OF MORTAR, GROUT, AND FOREIGN MATERIALS BEFORE CONCRETE PLACEMENT.

L. COVER FORMWORK SURFACES WITH AN ACCEPTABLE MATERIAL THAT INHIBITS BOND WITH CONCRETE.

M. DO NOT ALLOW FORMWORK RELEASE AGENT TO CONTACT REINFORCEMENT OR HARDENED CONCRETE AGAINST WHICH FRESH CONCRETE IS TO BE PLACED.

N. INSTALL FORMWORK TO ACCOMMODATE WATERSTOP MATERIALS. LOCATE WATERSTOPS IN JOINTS WHERE INDICATED IN CONTRACT DOCUMENTS. MINIMIZE NUMBER OF SPLICES IN WATERSTOP. SPLICE WATERSTOPS IN ACCORDANCE WITH MANUFACTURER'S WRITTEN INSTRUCTIONS. INSTALL FACTORY-MANUFACTURED PREMOLDED MITERED CORNERS.

O. DO NOT DAMAGE CONCRETE DURING REMOVAL OF VERTICAL FORM WORK FOR COLUMNS, WALLS, AND SIDES OF BEAMS. PERFORM NEEDED REPAIR AND FINISHING OPERATIONS REQUIRED ON VERTICAL SURFACES. IF FORMS ARE REMOVED BEFORE END OF SPECIFIED CURING PERIOD, PROVIDE CURING AND PROTECTION IN ACCORDANCE WITH SECTION 5 .

P. UNLESS OTHERWISE SPECIFIED, LEAVE FORMWORK AND SHORING IN PLACE TO SUPPORT CONSTRUCTION LOADS AND WEIGHT OF CONCRETE IN BEAMS, SLABS, AND OTHER STRUCTURAL MEMBERS UNTIL IN-PLACE STRENGTH OF CONCRETE IS AT LEAST.FC'.

Q. PLACE RESHORING OR BACKSHORING A SUFFICIENT NUMBER OF STORIES TO DISTRIBUTE WEIGHT OF NEWLY PLACED CONCRETE, FORMS, AND CONSTRUCTION LIVE LOADS.

R. AT LEAST ONE LOWER FLOOR SHALL REMAIN PROPPED UNTIL THE UPPER FLOOR IS CAST & CURED.

13. DEMOLITION

A. THE CONTRACTOR IS FULLY RESPONSIBLE FOR THE MEANS AND METHODS OF DEMOLITION AND THE INTEGRITY AND STABILITY OF THE EXISTING STRUCTURE DURING DEMOLITION UNTIL THE WORK IS COMPLETED. THE CONTRACTOR SHALL PROVIDE SHORING IN REQUIRED LOCATIONS WHERE EXISTING CONSTRUCTION TO REMAIN WILL BE AFFECTED BY DEMOLITION.

B. THE CONTRACTOR IS RESPONSIBLE FOR REPAIRS TO ANY STRUCTURAL ELEMENTS WHICH ARE TO REMAIN AND THAT HAVE BEEN DAMAGED DURING THE DEMOLITION PROCESS TO THE COMPLETE SATISFACTION OF THE OWNER. THE REPAIRS SHALL BE AT NO EXPENSE TO THE OWNER. ALL REPAIR SHALL BE DESIGNED BY A LICENSED STRUCTURAL ENGINEERED SUBMITTED TO THE ENGINEER FOR REVIEW AND APPROVAL PRIOR TO COMMENCING REPAIR WORK.

C. ALL EXISTING FRAMING IS INDICATED FOR REFERENCE ONLY AND IS TO BE VERIFIED BY THE CONTRACTOR. VERIFY THE EXACT EXTENT OF DEMOLITION AT THE SITE. DETERMINE THE NATURE AND EXTENT OF DEMOLITION THAT WILL BE NECESSARY BY COMPARING THE CONTRACT DOCUMENTS WITH THE EXISTING CONSTRUCTION.

D. THE CONTRACTOR SHALL USE THE STRUCTURAL CONTRACT DOCUMENTS IN CONJUNCTION WITH THE ARCHITECTURAL AND MEP DEMOLITION CONTRACT DOCUMENTS. IN THE EVENT OF CONFLICTS, THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ARCHITECT AND STRUCTURAL ENGINEER.

E. THE CONTRACTOR SHALL USE QUALIFIED, EXPERIENCED PERSONNEL FOR DEMOLITION AND REMOVAL OPERATIONS. PERFORM DEMOLITION AND REMOVAL OPERATIONS IN A CAREFUL AND ORDERLY MANNER TO PREVENT HAZARDS TO PERSONS, DAMAGE PROPERTY AND THE SPREADING OF DUST AND DEBRIS.

F. DO NOT PERMIT PORTIONS OF THE STRUCTURE TO FALL NOR DEBRIS TO DROP EXCEPT BY METHODS WHICH WILL ENSURE INTEGRITY OG THE STRUCTURE.

G. PRIOR TO THE START OF WORK, VERIFY THAT THE SCOPE OF DEMOLITION INDICATED ON THE CONTRACT DOCUMENTS SHALL NOT DAMAGE, CUT OR DISRUPT SERVICE OF ANY MECHANICAL SYSTEM, ELECTRICAL SYSTEM OR UTILITY EMBEDEDIN THE EXISTING STRUCTURE.

H. DO NOT REMOVE MORE OF THE EXISTING STRUCTURE THAN INDICATED ON CONTRACT DOCUMENTS. DO NOT DAMAGE MAR, CUT OR DEFACE THE REMAINING STRUCTURE OR MATERIALS TO BE REUSED.

I. THE CONTRACTOR SHALL INCLUDE IN HIS BID THE COST OF REMOVING DEMOLISHED MATERIALS FROM THE SITE IN ACCORDANCE WITH ALL APPLICABLE LAWS, CODES AND REGULATIONS.

J. WHERE NEW OPENINGS IN EXISTING CONCRETE SLABS OR WALLS ARE TO BE CREATED, THE DEMOLITION CONTRACTOR SHALL CORE HOLES AT THE OUTSIDE CORNER OF THE NEW OPENING PRIOR TO DEMOLITION. SAWCUT AND DEMOLISH SLANN OR WALL ONLY AFTER THE INSTALLATION OF ALL REQUIRED NEW STRUCTURAL FRAMING AND/OR REINFORCEMENT IN PLAN OR SECTION, UON. SAW CUTTING SHALL BE STRAIGHT AND SHALL NOT EXTEND INTO EXISTING SLAB OR WALL TO REMAIN NOR BEYOND THE HOLES CORED AT THE CORNER OF THE NEW OPENING.

14. MASONRY WORKS

A. ALL MASONRY DESIGN AND CONSTRUCTION SHALL CONFORM TO ACI 530-02/ASCE 5-02 LOCAL AUTHORITY REQUIREMENTS AND SPECIFICATIONS. EQUIVALENT BRITISH STANDARDS MAY BE CONSIDERED SUBJECT TO APPROVAL OF THE ENGINEER.

B. THE CONTRACTOR IS TO TAKE PARTICULAR CARE THAT ALL THE PERPENDS AND BEDS ARE PROPERLY FILLED WITH MORTOR.

C. ALL CONTROL JOINTS SHALL BE FILLED WITH COMPRESSIBLE EXPANDABLE FILLER. REFER TO SPECIFICATIONS FOR FIRE RATED WALLS.

D. FIRE RATING, SOUND AND THERMAL INSULATION PROPERTIES SHALL BE IN ACCORDANCE WITH THE PROJECT SPECIFICATIONS.

E. PROVIDE LINTELS OVER ALL OPENING OR RECESSES IN MASONRY WALLS INCLUDING THOSE FOR MECHANICAL OR ELECTRICAL SERVICES OR EQUIPMENT. SEE STANDARD DETAIL DRAWINGS FOR LINTEL SIZES AND DETAILS.

F. PROVIDE RESTRAINT TO ALL MASONRY WALLS AT SLAB SOFFIT AND SIDES AS SHOWN IN STANDARD DETAIL DRAWINGS.

G. ALL MASONRY ANCHORS, MASONRY TIES AND EMBEDDED ITEMS SHALL BE HOT DIP GALVANIZED.

H. PROVIDE HORIZONTAL BED JOINT REINFORCEMENT IN ACCORDANCE WITH STANDARD DETAIL DRAWINGS AND SPECIFICATIONS.

J. THE BLOCK THICKNESS MUST BE AS PER ARCHITECTURE.

K. CEMENT TO SAND MIX RATIO FOR ALL BLOCK WORK SHALL BE 1:4.

L. THE CONTRACTOR SHALL COMMENCE WITH BLOCK WORK ONLY AFTER INSTALLATION OF 6 INCH OF FLOOR FINISH. HOWEVER,THE BLOCK WORK TILL 12" HEIGHT CAN BE DONE BEFORE INSTALLATION OF FLOOR FINISHES.

NOT FOR CONSTRUCTION

GENERAL NOTES:

1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH OTHER RELEVANT DRAWINGS

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

(ANCILLARY BUILDINGS)

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

GENERAL DETAILS

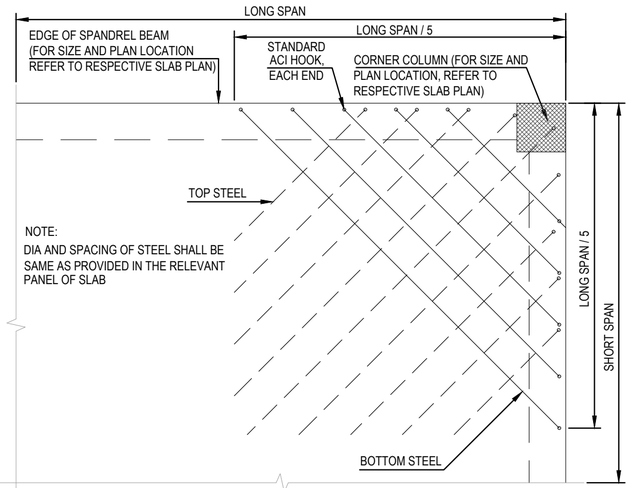
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DRAWN BY: M.M, U.A	DESIGN BY: K.G, Z.A, A.Z
CHECKED BY: A.M.D, M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-AB-04-G-01	REV. 00

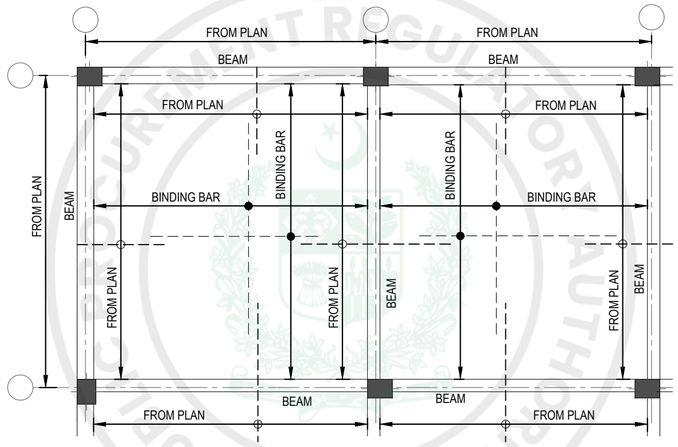
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LINTEL SCHEDULE

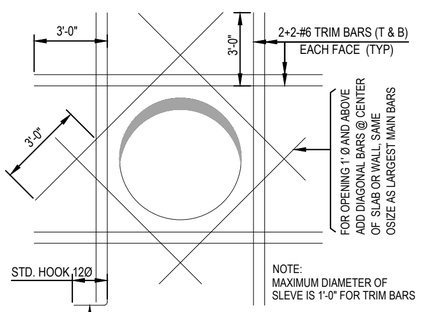
S / NO	CLEAR SPAN	DESCRIPTION			
1	UPTO 4'-0"	----------	8", 2-#4, #3@4"c/c, 2-#4	6", 2-#4, #3@4"c/c, 2-#4	4", 2-#4, #3@4"c/c, 2-#4 — MAX. COVER .75"
2	UPTO 8'-0"	16", 3-#4, 8", #3@4"c/c, 5-#4	8", 2-#4, #3@4"c/c, 3-#4	6", 2-#4, #3@4"c/c, 3-#4	4", 2-#4, #3@4"c/c, 2-#4 — MAX. COVER .75"
3	UPTO 14'-0"	16", 3-#4, 1'-0", #3@6"c/c, 3-#6	8", 2-#4, 1'-0", #3@6"c/c, 2-#6	6", 2-#4, 1'-0", #3@6"c/c, 2-#6	4", 2-#4, 1'-0", #3@6"c/c, 2-#6 — MAX. COVER .75"
4	UPTO 20'-0"	16", 3-#4, 1'-3", #3@6"c/c, 2-#3, 4-#6	8", 2-#4, 1'-3", #3@6"c/c, 2-#3, 3-#6	6", 2-#4, 1'-3", #3@6"c/c, 2-#3, 2-#6+2-#4	4", 2-#4, 1'-3", #3@6"c/c, 2-#3, 2-#6 — MAX. COVER .75"
4	UPTO 26'-0"	16", 3-#6, 1'-9", #3@8"c/c, 2-#3, 5-#6	----------	----------	----------

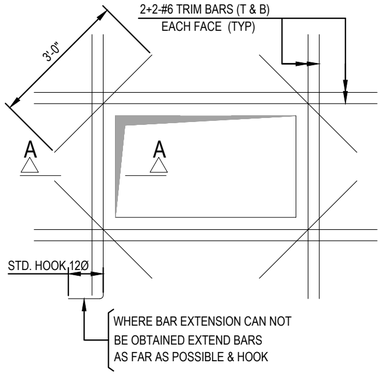


SLAB: EXTERIOR CORNER REINFORCEMENT



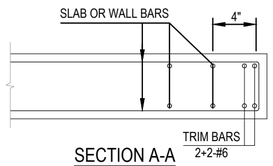
TYPICAL PART PLAN FOR BINDING BAR DETAIL



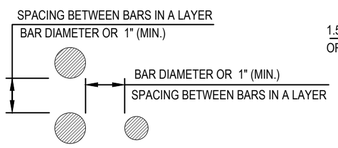


REINF: AROUND SLEEVE IN SLAB & WALLS (TYP)

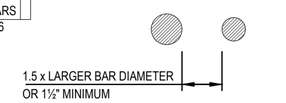
(OPENING SIZE: 36" > OPENING DIAMETER > 12")



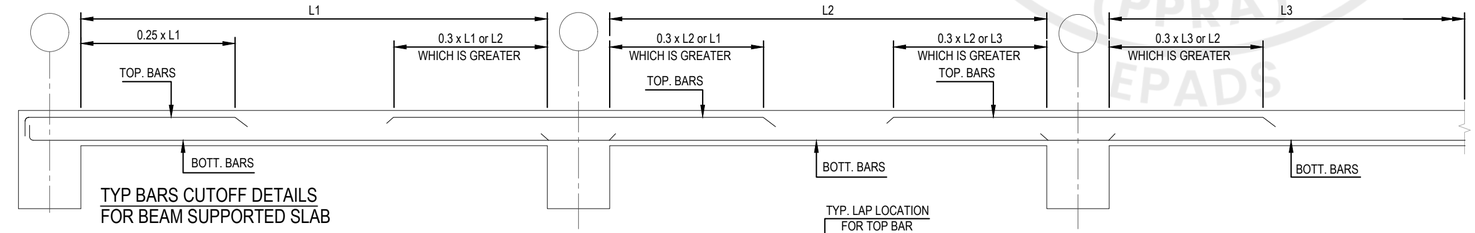
SECTION A-A



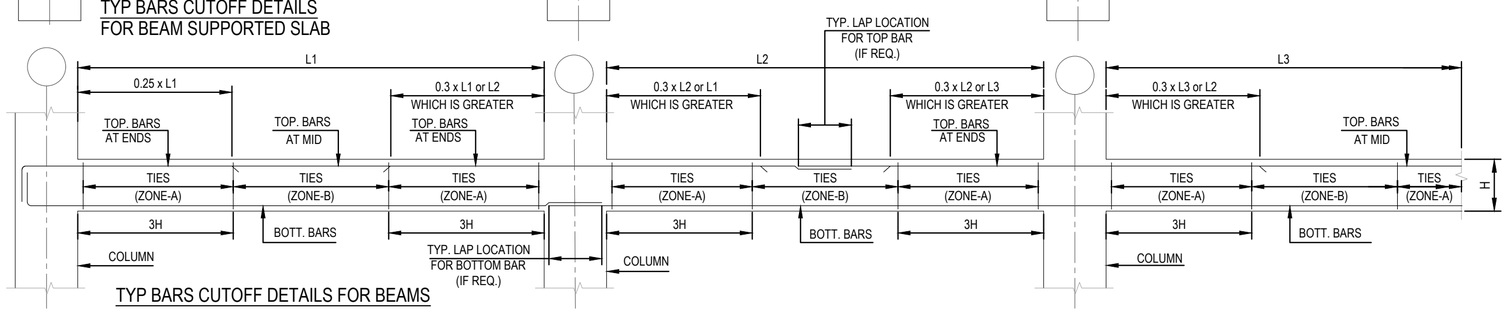
BAR SPACING IN BEAM



VERTICAL BAR SPACING (COLUMN)



TYP BARS CUTOFF DETAILS FOR BEAM SUPPORTED SLAB



TYP BARS CUTOFF DETAILS FOR BEAMS

NOT FOR CONSTRUCTION

GENERAL NOTES:

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(ANCILLARY BUILDINGS)

PROJECT STATUS:

TENDER DRAWINGS

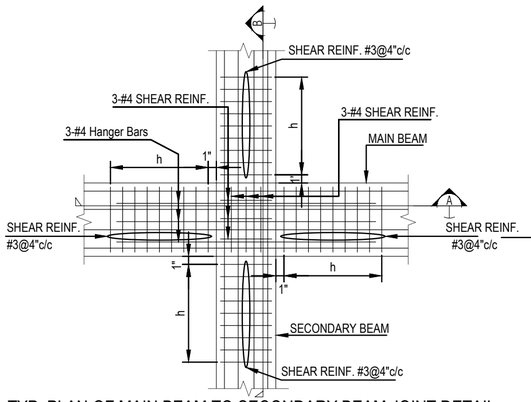
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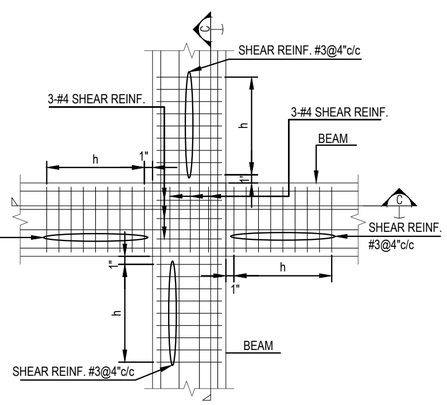
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DATE: OCTOBER,2026	SCALE:
DRAWN BY: M.M, U.A	DESIGN BY: K.G, Z.A, A.Z
CHECKED BY: A.M.D, M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-AB-04-G-02	REV. 00

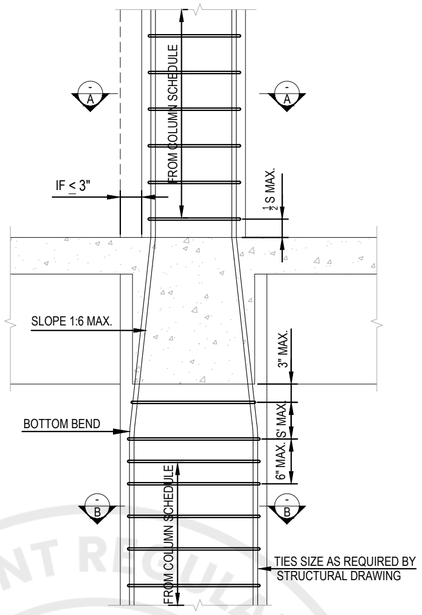
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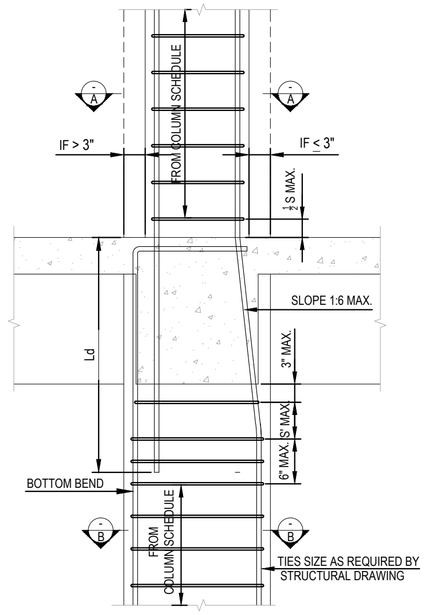
TYP. PLAN OF MAIN BEAM TO SECONDARY BEAM JOINT DETAIL



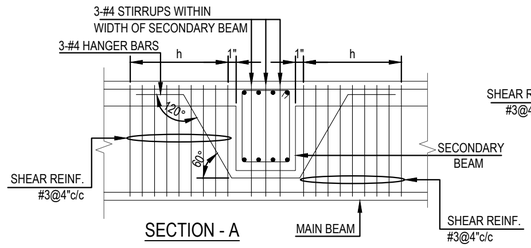
TYP. PLAN OF SECONDARY BEAM TO SECONDARY BEAM / BEAM TO BEAM JOINT DETAIL



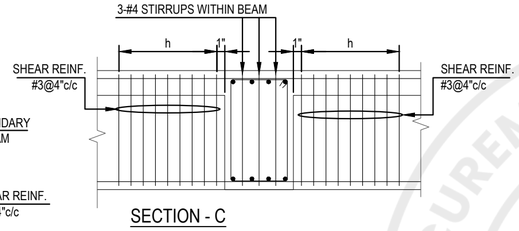
BEAM COLUMN JOINT ELEVATION-01
WITH DIFFERENT COLUMN SIZE



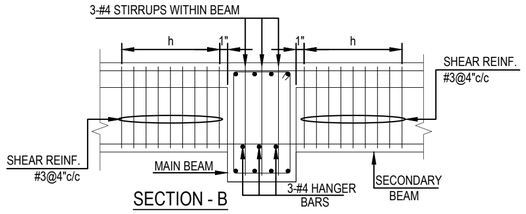
BEAM COLUMN JOINT ELEVATION-02
WITH DIFFERENT COLUMN SIZE



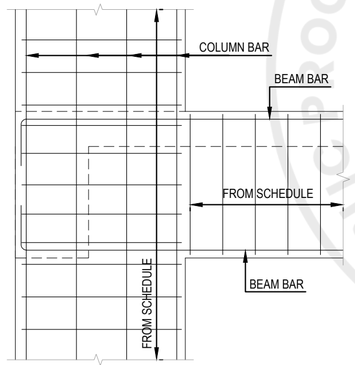
SECTION - A



SECTION - C



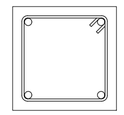
SECTION - B



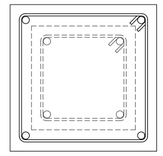
ELEVATION OF COLUMN
BEAM JUNCTION DETAIL

PLAN OF COLUMN BEAM
JUNCTION DETAIL

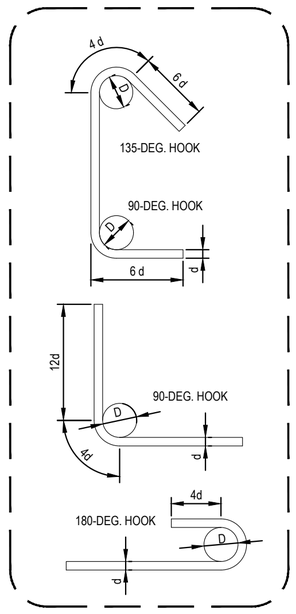
TYP. CORNER DETAIL
OF RCC WALL



SECTION A-A



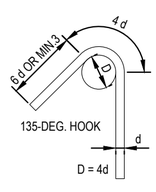
SECTION B-B



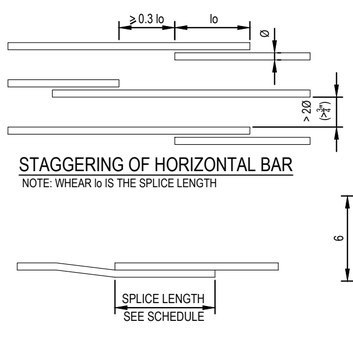
STANDARD BAR HOOKS



COLUMN SPLICE (TYP)

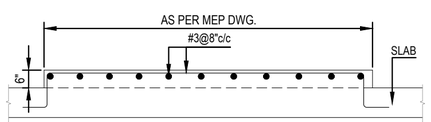


STIRRUPS AND TIE HOOKS

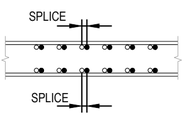


STAGGERING OF HORIZONTAL BAR
NOTE: WHEAR lo IS THE SPLICE LENGTH

BEAM SPLICE (TYP)



TYPICAL CONCRETE PAD DETAIL



TYP. CONCRETE WALL SPLICE

JOGGLE DETAIL (COLUMN)
RATIO (1:6)

GENERAL NOTES:

1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH OTHER RELEVANT DRAWINGS

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

(ANCILLARY BUILDINGS)

PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

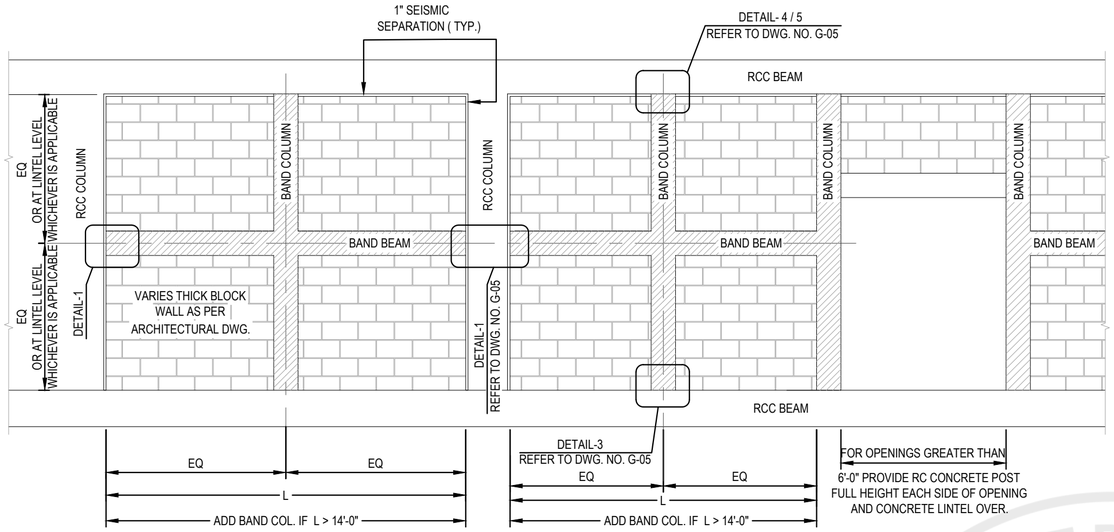
GENERAL DETAILS

REV.	DATE	DESCRIPTION

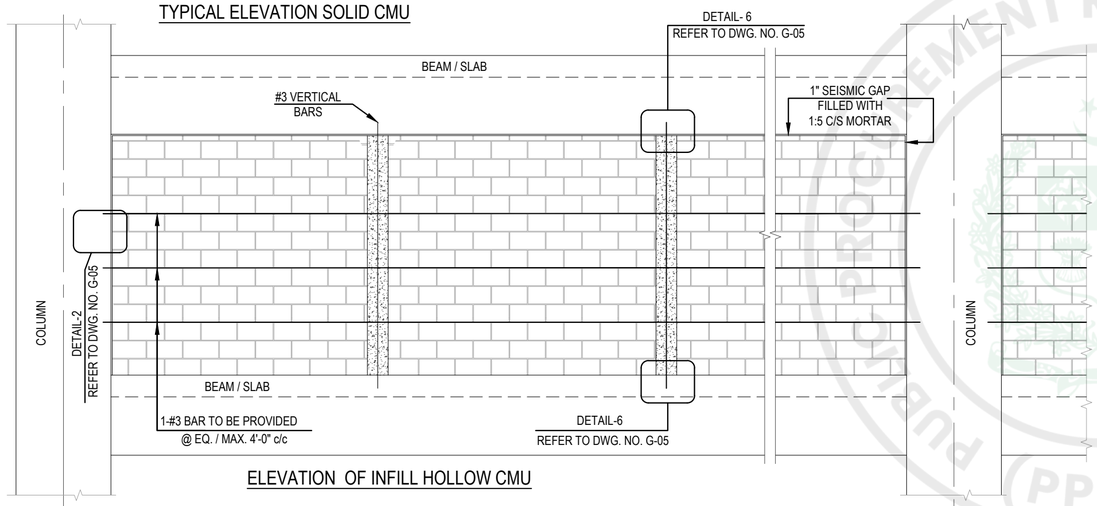
DATE: OCTOBER,2026	SCALE:
DRAWN BY: M.M, U.A	DESIGN BY: K.G, Z.A, A.Z
CHECKED BY: A.M.D, M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-AB-04- G-03	REV. 00

NOT FOR CONSTRUCTION

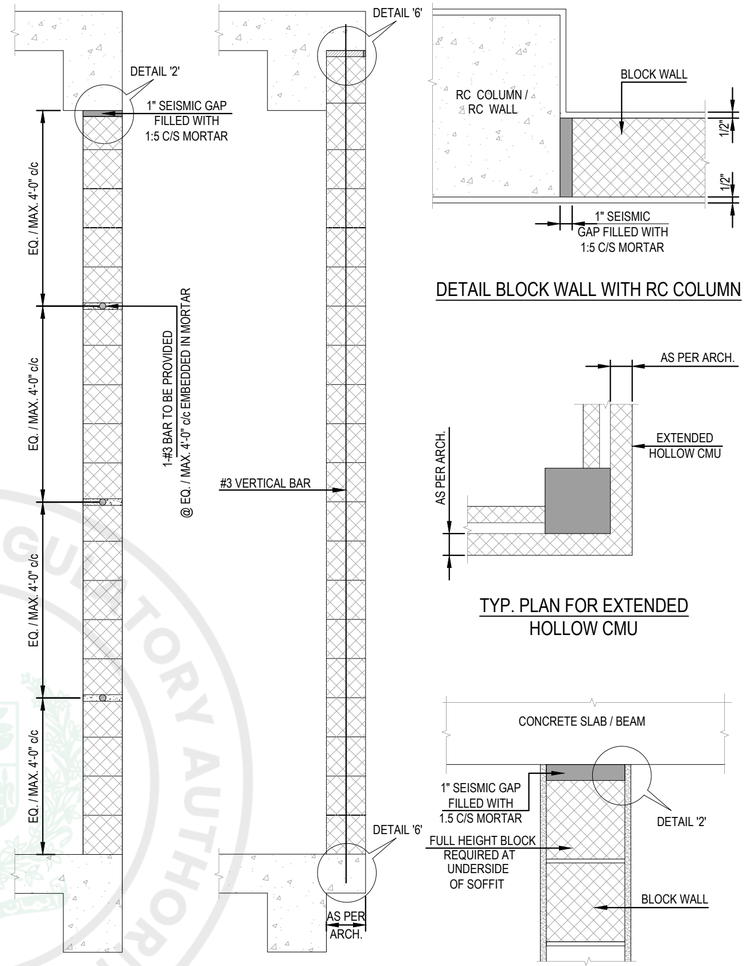
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TYPICAL ELEVATION SOLID CMU



ELEVATION OF INFILL HOLLOW CMU



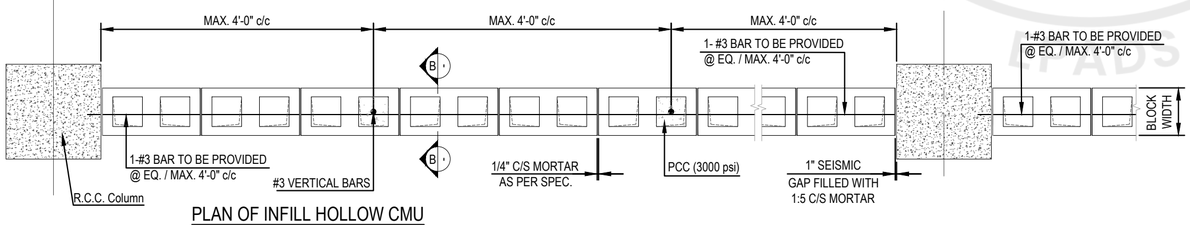
SECTION B-B OF HOLLOW CMU

DETAIL BLOCK WALL WITH RC COLUMN

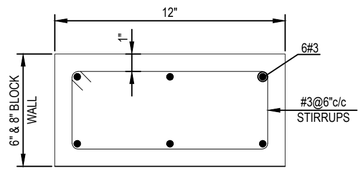
TYP. PLAN FOR EXTENDED HOLLOW CMU

TYP. SECTION FOR EXTENDED HOLLOW CMU AT SLAB EDGE

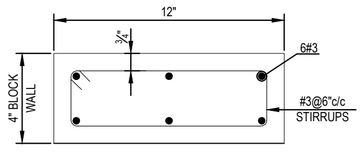
DETAIL B/W BLOCK AND RC SLAB OR RC BEAM



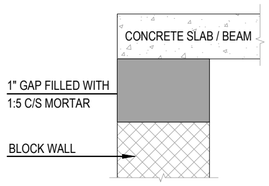
PLAN OF INFILL HOLLOW CMU



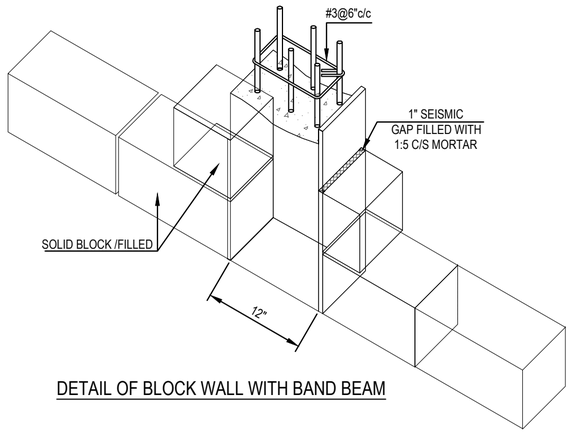
BAND BEAM / BAND COL



BAND BEAM / BAND COL



DETAIL '2'



DETAIL OF BLOCK WALL WITH BAND BEAM

NOT FOR CONSTRUCTION

GENERAL NOTES:

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DRAWING TITLE:

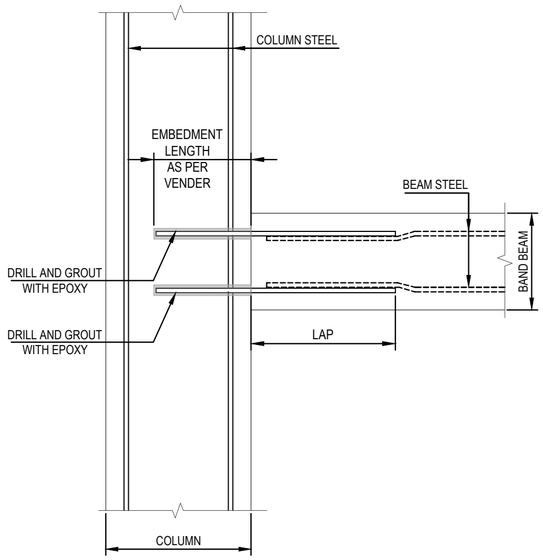
GENERAL DETAILS

REV.	DATE	DESCRIPTION

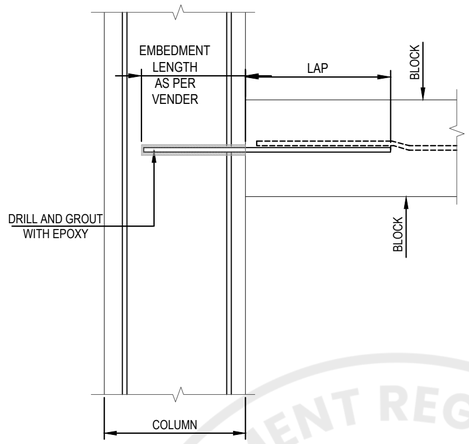
DATE: OCTOBER,2026	SCALE:
DRAWN BY: M.M, U.A	DESIGN BY: K.G, Z.A, A.Z
CHECKED BY: A.M.D, M.N	APPROVED BY: H.O.D
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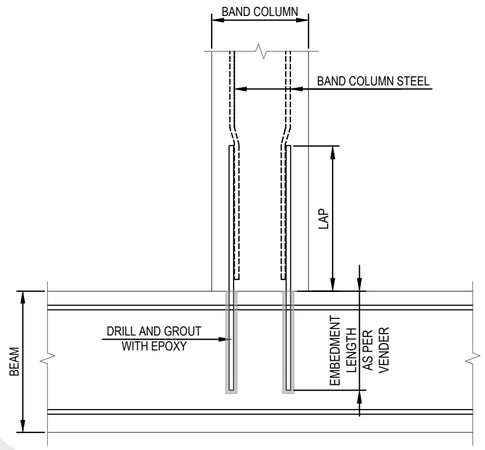
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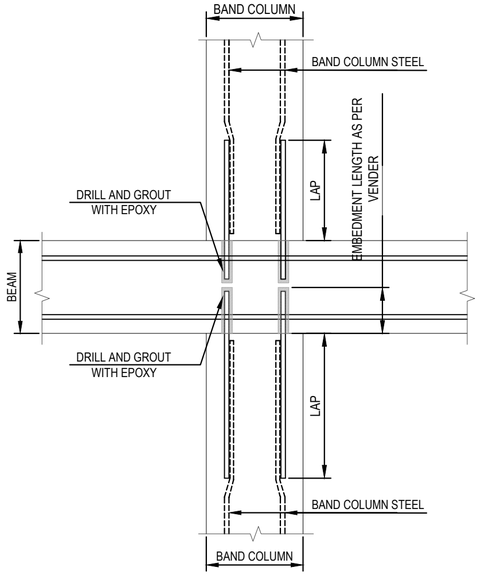
END COLUMN / BAND BEAM DETAIL-1



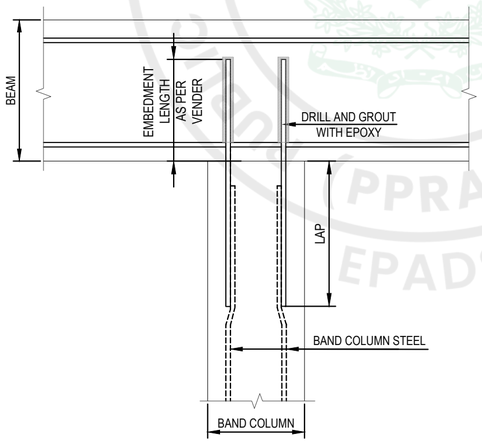
END COLUMN / U-BLOCK DOWELS DETAIL-2



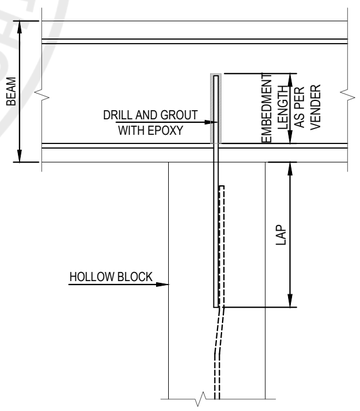
BAND COLUMN / BEAM DOWELS DETAIL-3



BAND COLUMN / BEAM DOWELS DETAIL-4



BAND COLUMN / BEAM DOWELS DETAIL-5
AT ROOF LEVEL



HOLLOW CMU PCC FILLING
DOWELS DETAIL-6

NOT FOR CONSTRUCTION

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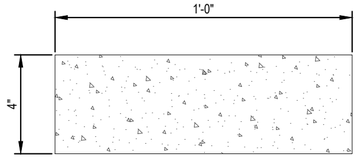
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GENERAL DETAILS

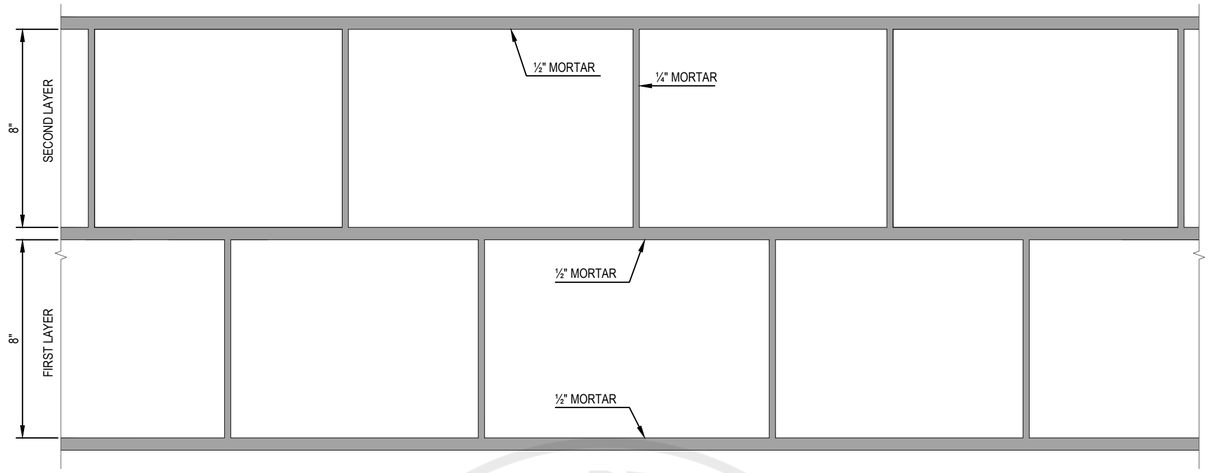
REV.	DATE	DESCRIPTION

DATE: OCTOBER,2026	SCALE:
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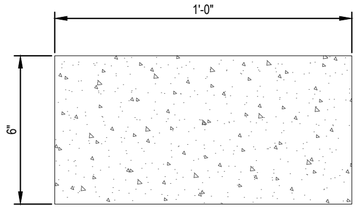
4" WIDE SOLID BLOCK



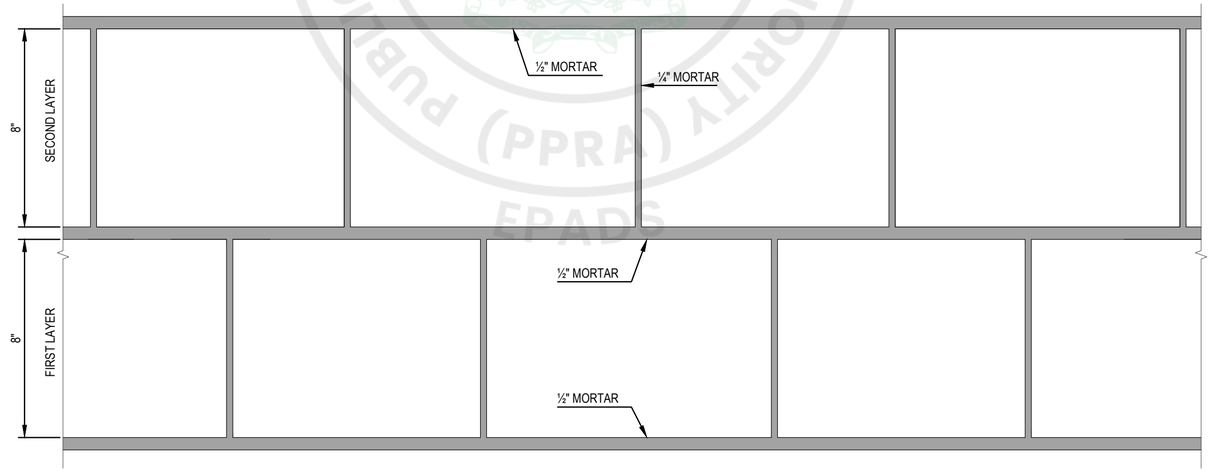
ELEVATION



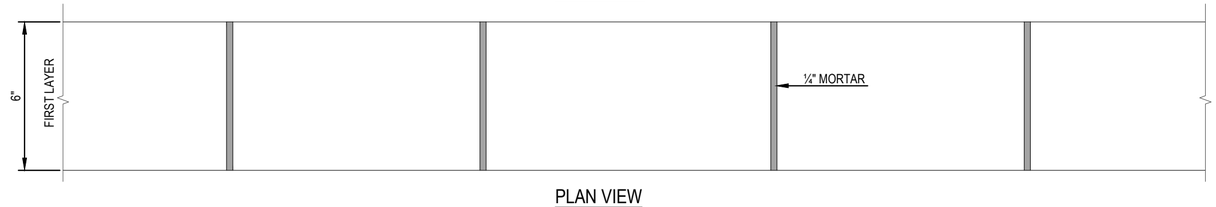
PLAN VIEW



6" WIDE SOLID BLOCK



ELEVATION



PLAN VIEW

NOT FOR CONSTRUCTION

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(ANCILLARY BUILDINGS)

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TENDER DRAWINGS

DRAWING TITLE:

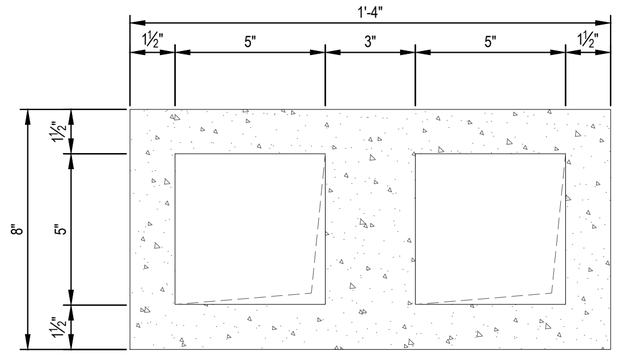
4" & 6" WIDE SOLID BLOCK

REV.	DATE	DESCRIPTION

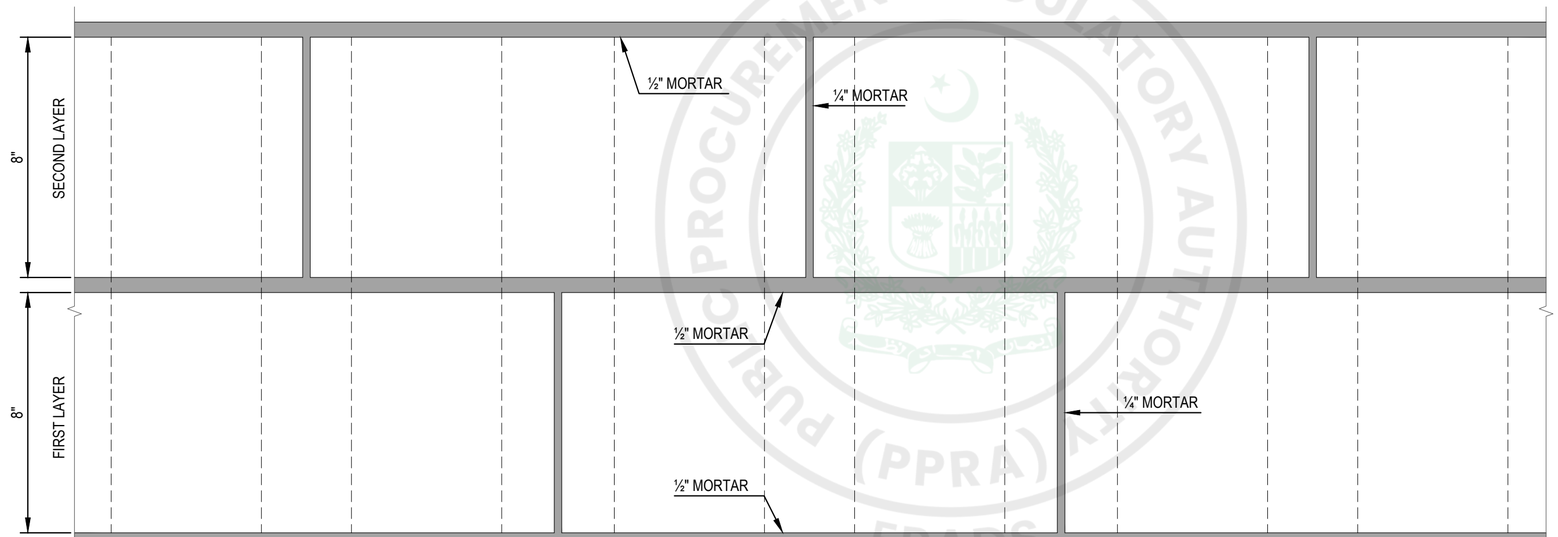
DATE: OCTOBER,2026	SCALE:
DRAWN BY: M.M, U.A	DESIGN BY: K.G, Z.A, A.Z
CHECKED BY: A.M.D, M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-AB-04- G-06	REV. 00

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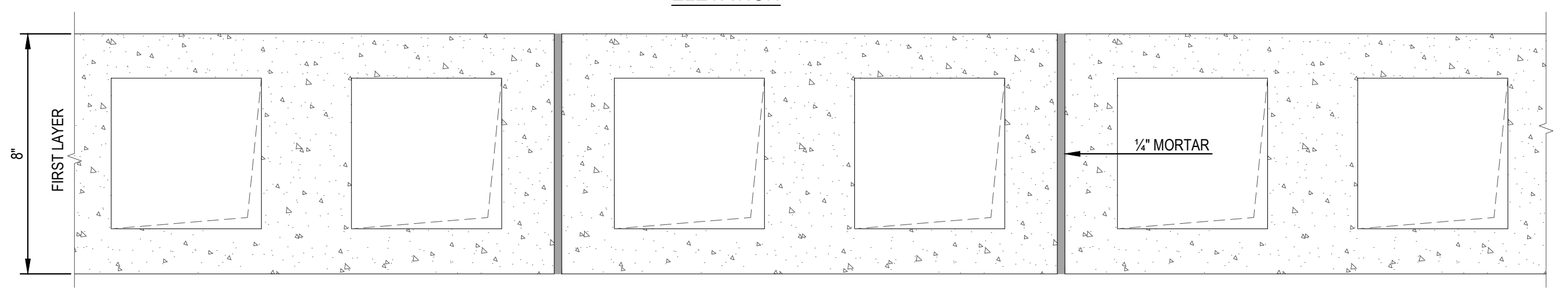
PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS



8" WIDE HOLLOW BLOCK



ELEVATION



PLAN VIEW

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

NOT FOR CONSTRUCTION

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TENDER DRAWINGS

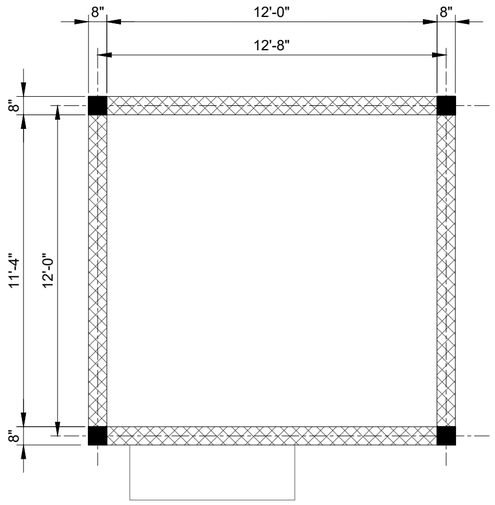
DRAWING TITLE:

8" WIDE HOLLOW BLOCK

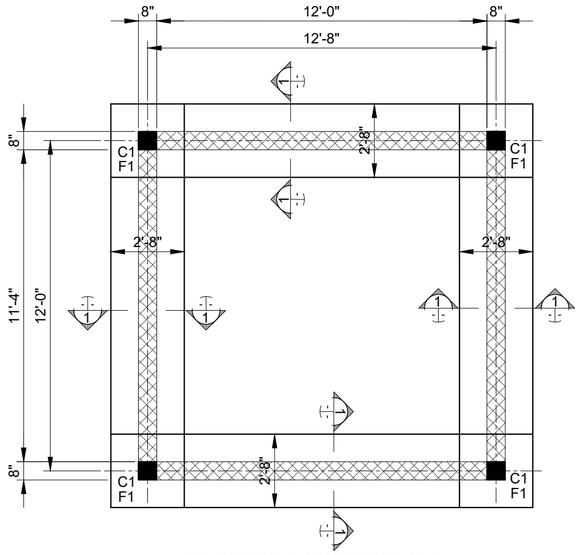
REV.	DATE	DESCRIPTION

DATE: OCTOBER,2026	SCALE:
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CHECKED BY: A.M.D, M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-AB-04- G-07	REV. 00

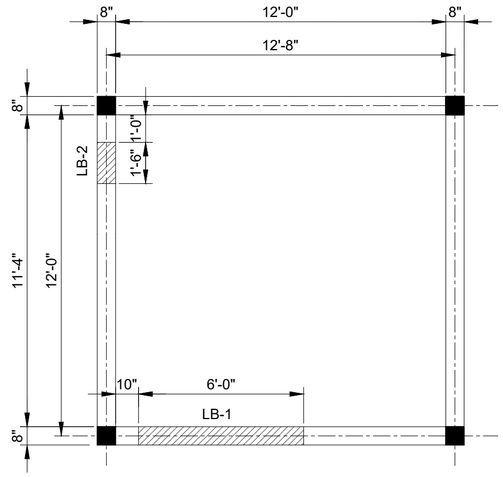
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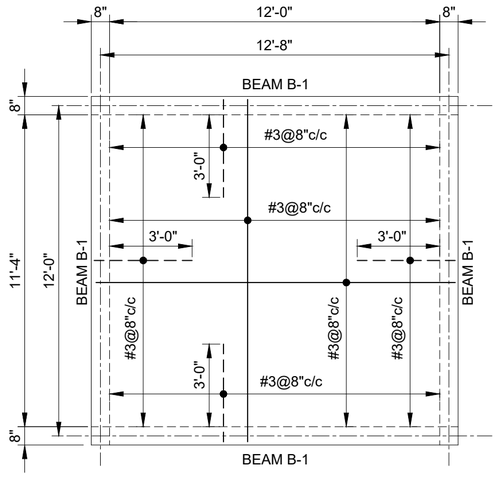
WALL LAYOUT PLAN
SCALE = $\frac{1}{4}$"=1'-0"



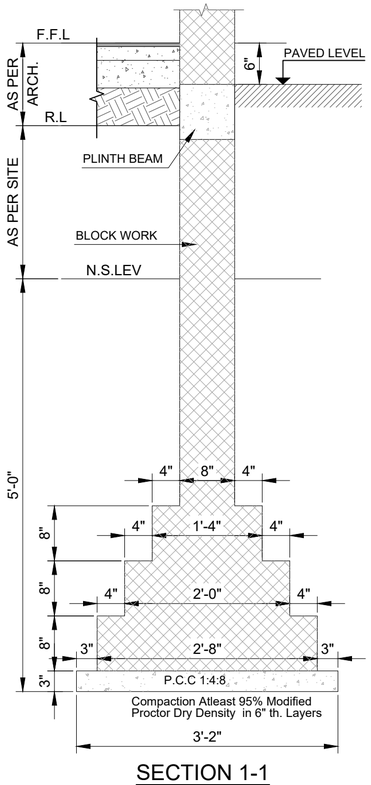
FOOTING LAYOUT PLAN
SCALE = $\frac{1}{4}$"=1'-0"



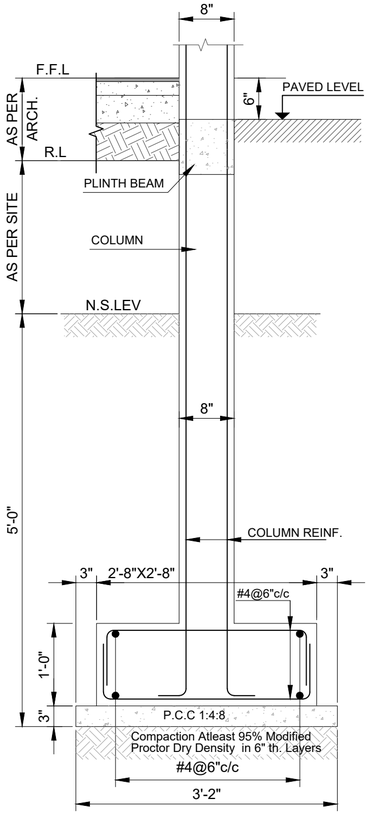
LINTEL LAYOUT PLAN
SCALE = $\frac{1}{4}$"=1'-0"



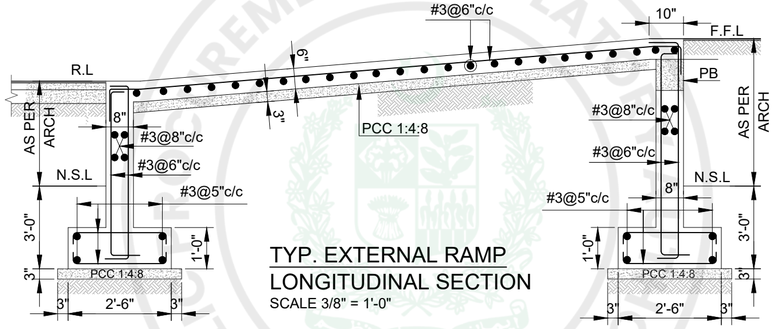
REINFORCEMENT DETAIL OF SLAB
ALL SLAB = 5" THICK SCALE = $\frac{1}{4}$"=1'-0"



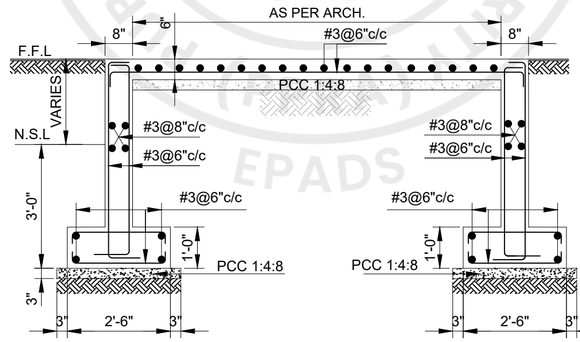
SECTION 1-1
SCALE 3/4" = 1'-0"



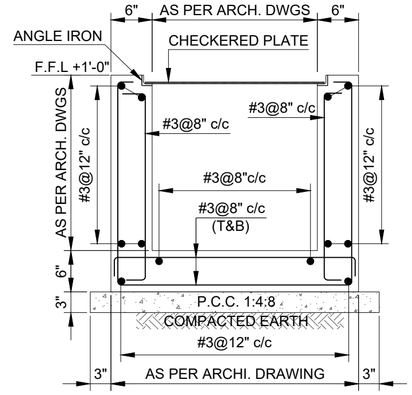
FOOTING F-1
SCALE 3/4" = 1'-0"



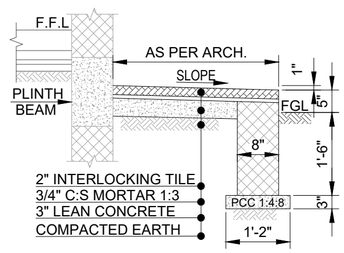
TYP. EXTERNAL RAMP LONGITUDINAL SECTION
SCALE 3/8" = 1'-0"



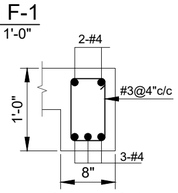
TYP. EXTERNAL RAMP CROSS SECTION
SCALE 3/8" = 1'-0"



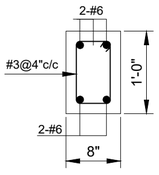
TYPICAL TRENCH DETAIL
FOR LOCATION SEE ARCHI. DRAWING
SCALE=3/4"=1'-0"



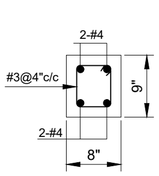
TYP. PLINTH PROTECTION
SCALE 1/2" = 1'-0"



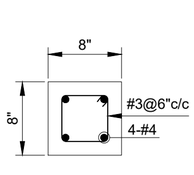
BEAM B-1
SCALE=3/4"=1'-0"



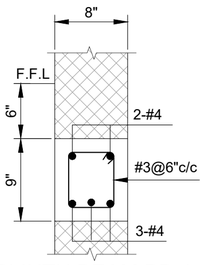
LINTEL LB-1
SCALE=3/4"=1'-0"



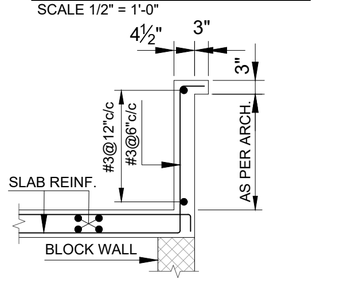
LINTEL LB-2
SCALE=3/4"=1'-0"



COLUMN C1
SCALE 1"=1'-0"



PLINTH BEAM PB-1
SCALE 1"=1'-0"



TYP. PARAPET WALL
SCALE 1/2"=1'-0"

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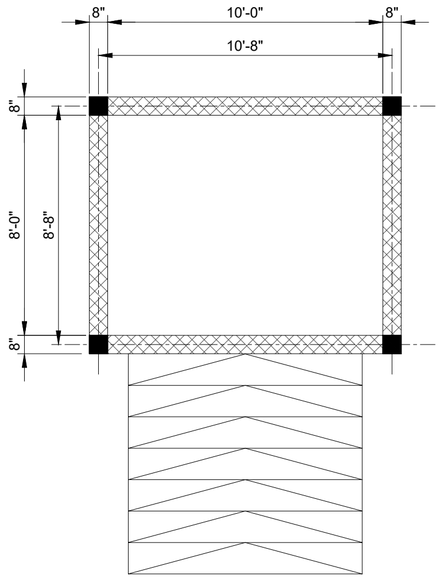
METERING ROOM
FOOTING LAYOUT PLAN & DETAIL

REV.	DATE	DESCRIPTION

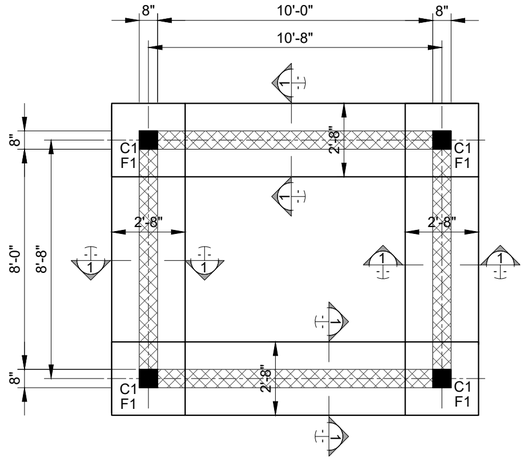
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CHECKED BY: A.M.D, M.N	APPROVED BY: H.O.D
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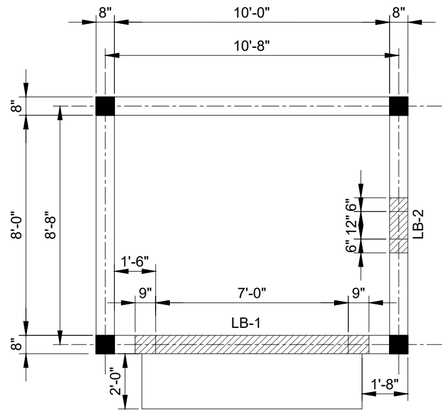
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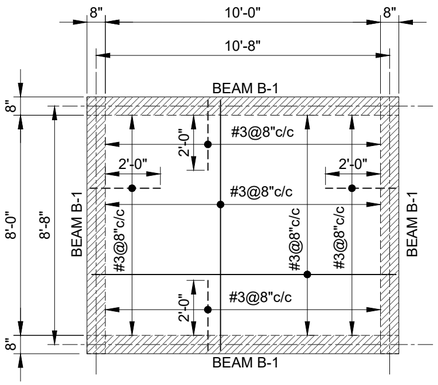
WALL LAYOUT PLAN
SCALE = $\frac{1}{4}$"=1'-0"



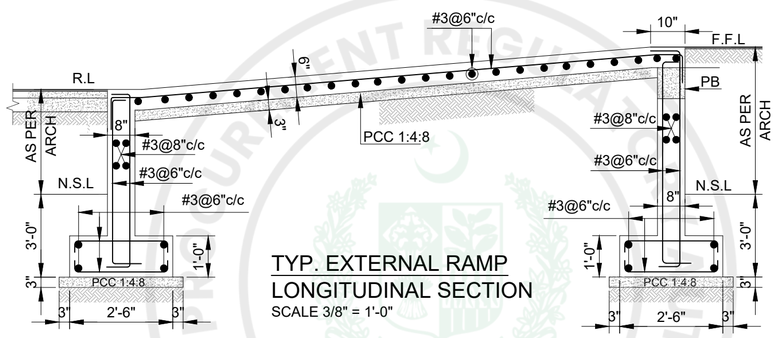
FOOTING LAYOUT PLAN
SCALE = $\frac{1}{4}$"=1'-0"



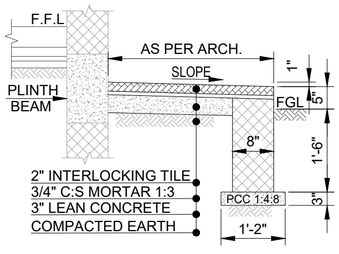
LINTEL LAYOUT PLAN
SCALE = $\frac{1}{4}$"=1'-0"



REINFORCEMENT DETAIL OF SLAB
ALL SLAB = 5" THICK SCALE = $\frac{1}{4}$"=1'-0"



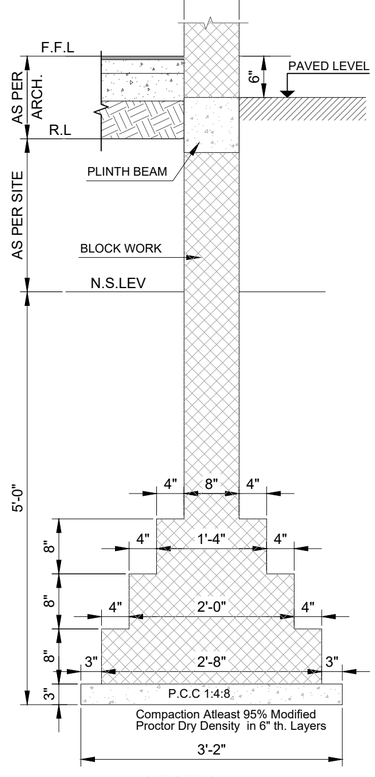
TYP. EXTERNAL RAMP LONGITUDINAL SECTION
SCALE 3/8" = 1'-0"



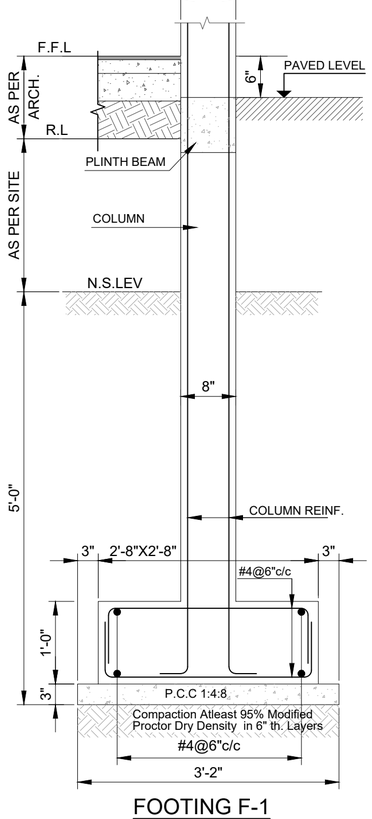
TYP. PLINTH PROTECTION
SCALE 1/2" = 1'-0"

TYP. EXTERNAL RAMP CROSS SECTION
SCALE 3/8" = 1'-0"

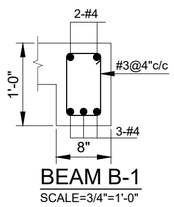
TYP. PARAPET WALL
SCALE 1/2"=1'-0"



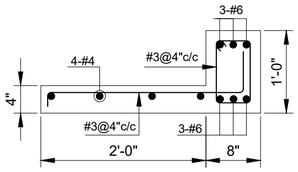
SECTION 1-1
SCALE 3/4" = 1'-0"



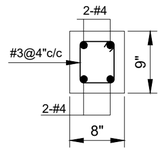
FOOTING F-1
SCALE 3/4" = 1'-0"



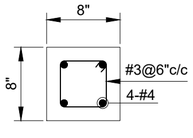
BEAM B-1
SCALE=3/4"=1'-0"



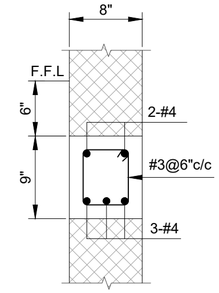
LINTEL LB-1
SCALE=3/4"=1'-0"



LINTEL LB-2
SCALE=3/4"=1'-0"



COLUMN C1
SCALE 1"=1'-0"



PLINTH BEAM PB-1
SCALE 1"=1'-0"

NOT FOR CONSTRUCTION

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CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

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PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

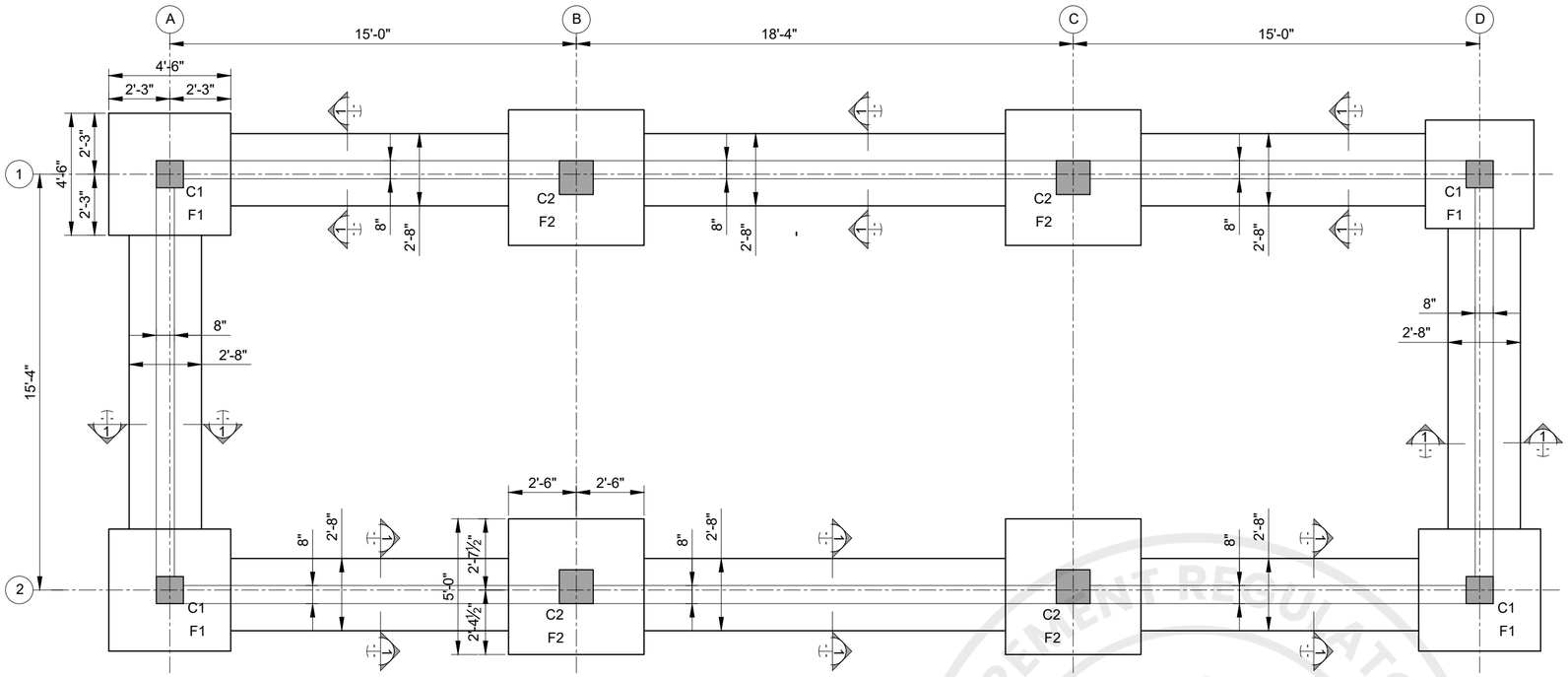
MV ROOM FOOTING LAYOUT PLAN & DETAIL

REV.	DATE	DESCRIPTION

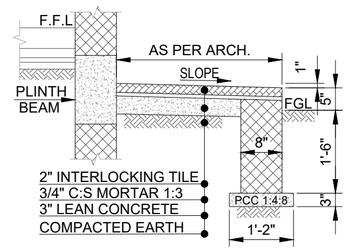
DATE: OCTOBER,2026	SCALE:
DRAWN BY: M.M, U.A	DESIGN BY: K.G, Z.A, A.Z
CHECKED BY: A.M.D, M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-AB-04-S-01	REV. 00

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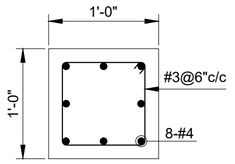
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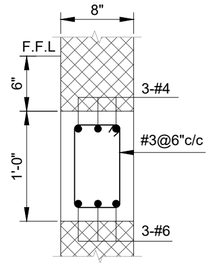
FOUNDATION AND COLUMN LAYOUT PLAN
SCALE = ¼"=1'-0"



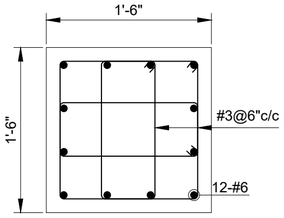
TYP. PLINTH PROTECTION
SCALE 1/2" = 1'-0"



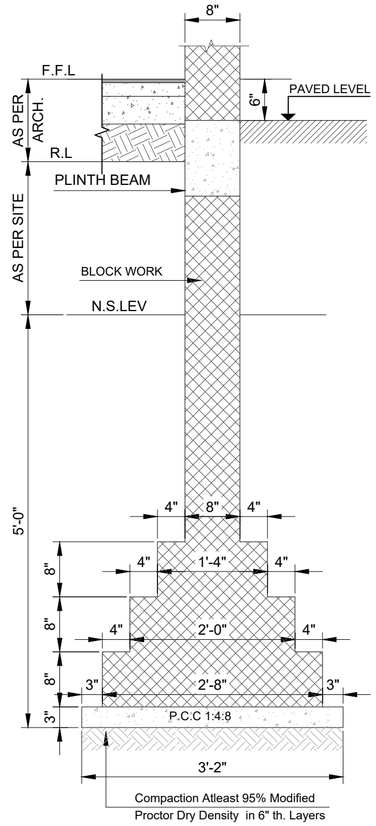
COLUMN C1
SCALE 1"=1'-0"



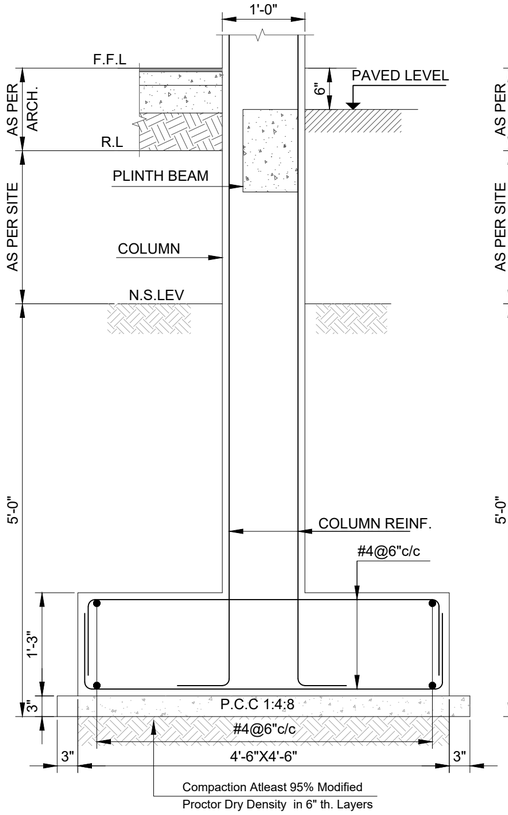
PLINTH BEAM PB-1
SCALE 1"=1'-0"



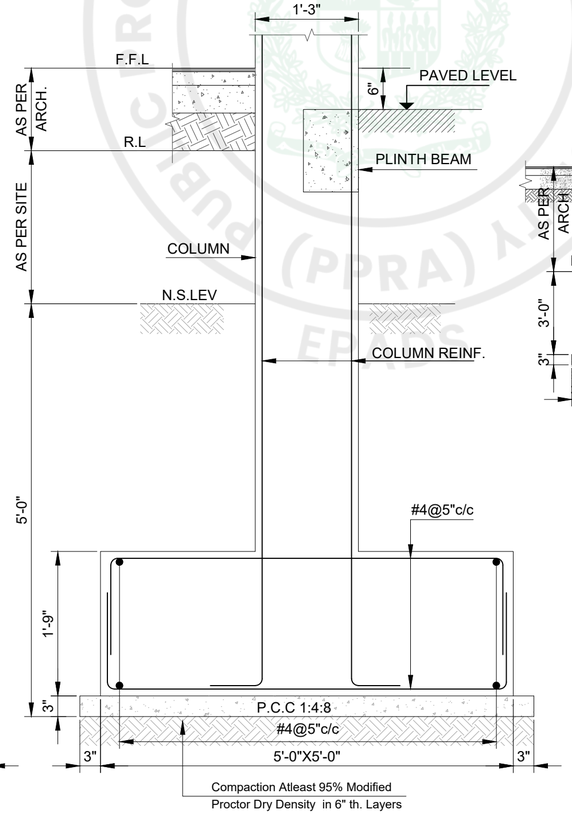
COLUMN C2
SCALE 1"=1'-0"



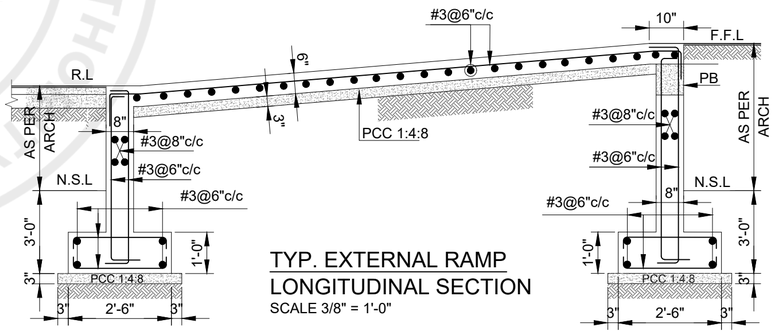
SECTION 1-1
SCALE 3/4" = 1'-0"



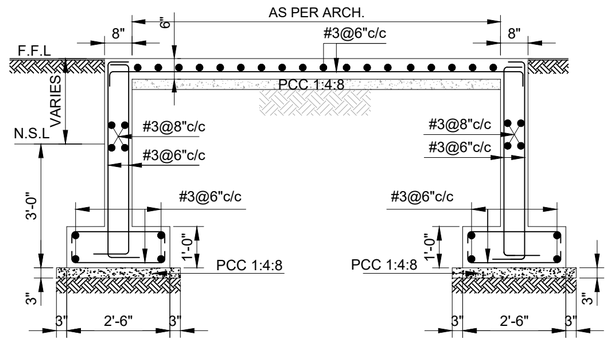
TYP. SECTION OF FOOTING F1
SCALE 3/4" = 1'-0"



TYP. SECTION OF FOOTING F2
SCALE 3/4" = 1'-0"



TYP. EXTERNAL RAMP LONGITUDINAL SECTION
SCALE 3/8" = 1'-0"



TYP. EXTERNAL RAMP CROSS SECTION
SCALE 3/8" = 1'-0"

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PROJECT STATUS:

TENDER DRAWINGS

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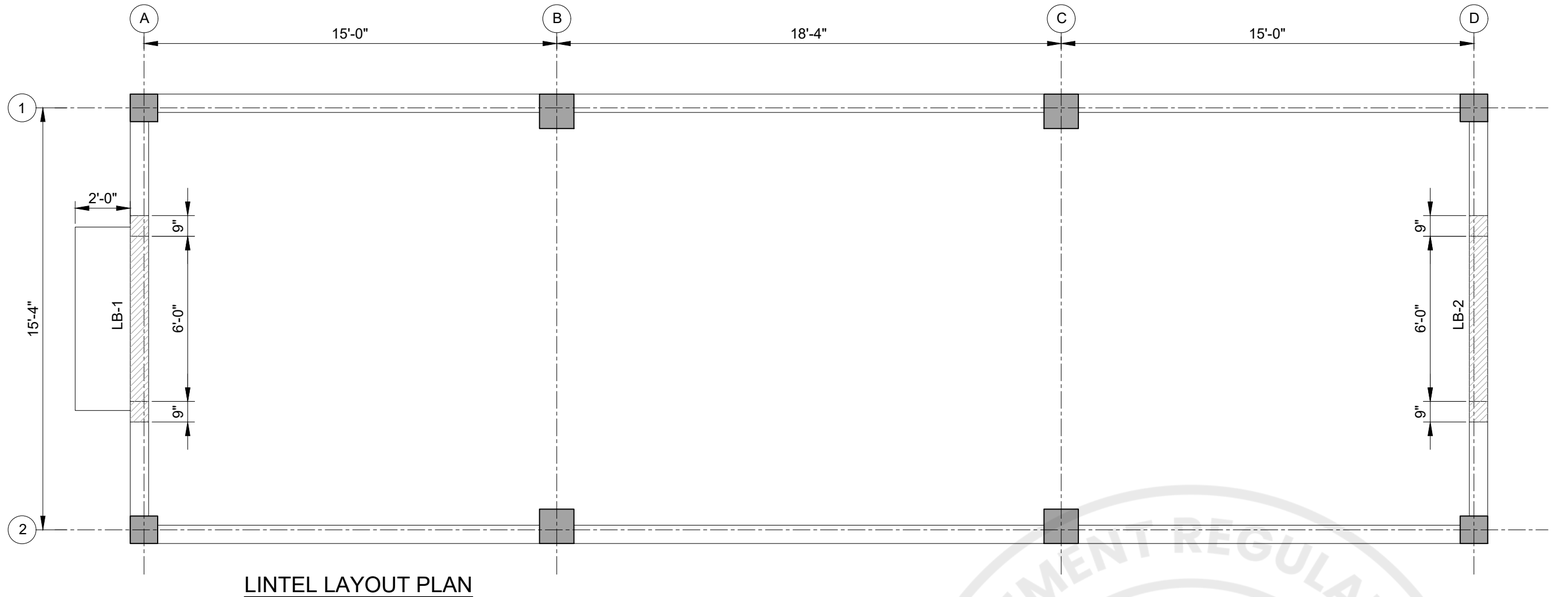
LV ROOM
FOUNDATION AND COLUMN LAYOUT PLAN & DETAIL

REV.	DATE	DESCRIPTION

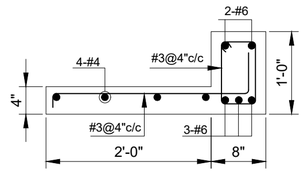
DATE: OCTOBER,2026	SCALE:
DRAWN BY: M.M, U.A	DESIGN BY: K.G, Z.A, A.Z
CHECKED BY: A.M.D, M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-AB-04-S-01	REV. 00

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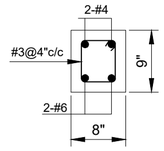
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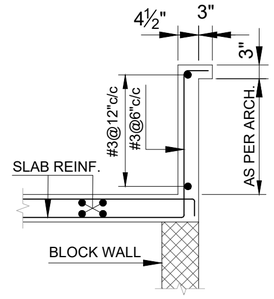
LINTEL LAYOUT PLAN
SCALE = $\frac{1}{4}$"=1'-0"



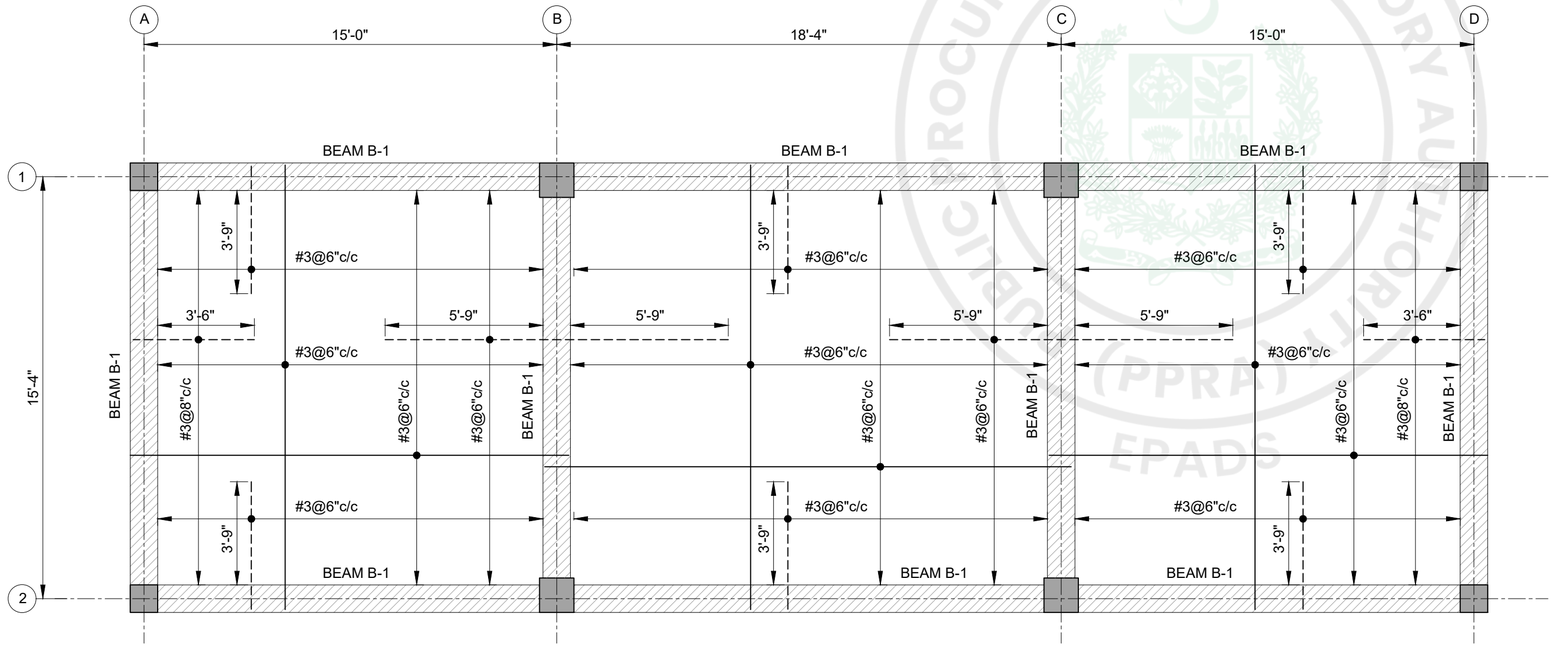
LINTEL LB-1
SCALE=3/4"=1'-0"



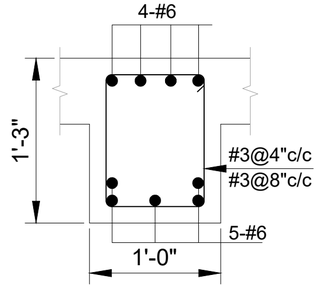
LINTEL LB-2
SCALE=3/4"=1'-0"



TYP. PARAPET WALL
SCALE 1/2"=1'-0"



REINFORCEMENT DETAIL OF SLAB
ALL SLAB = 6" THICK SCALE = $\frac{1}{4}$"=1'-0"



BEAM B-1
SCALE=3/4"=1'-0"

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PROJECT STATUS:

TENDER DRAWINGS

DRAWING TITLE:

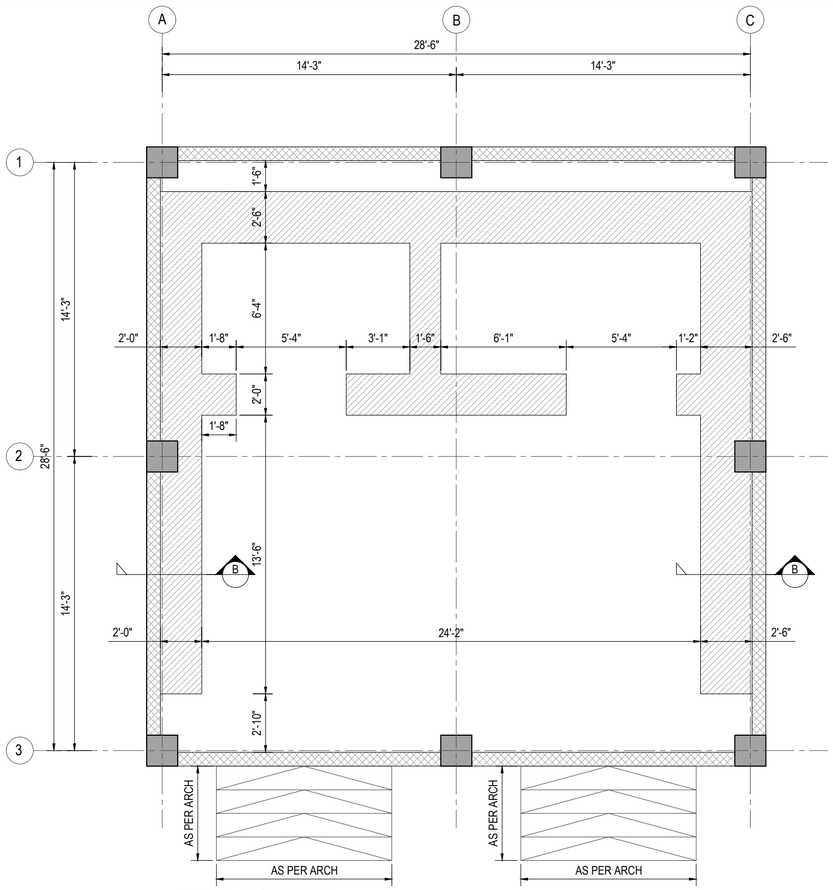
LV ROOM
LINTEL LAYOUT PLAN &
SLAB REINFORCEMENT
PLAN

REV.	DATE	DESCRIPTION

DATE: OCTOBER,2026	SCALE:
DRAWN BY: M.M, U.A	DESIGN BY: K.G, Z.A, A.Z
CHECKED BY: A.M.D, M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-AB-04- S-02	REV. 00

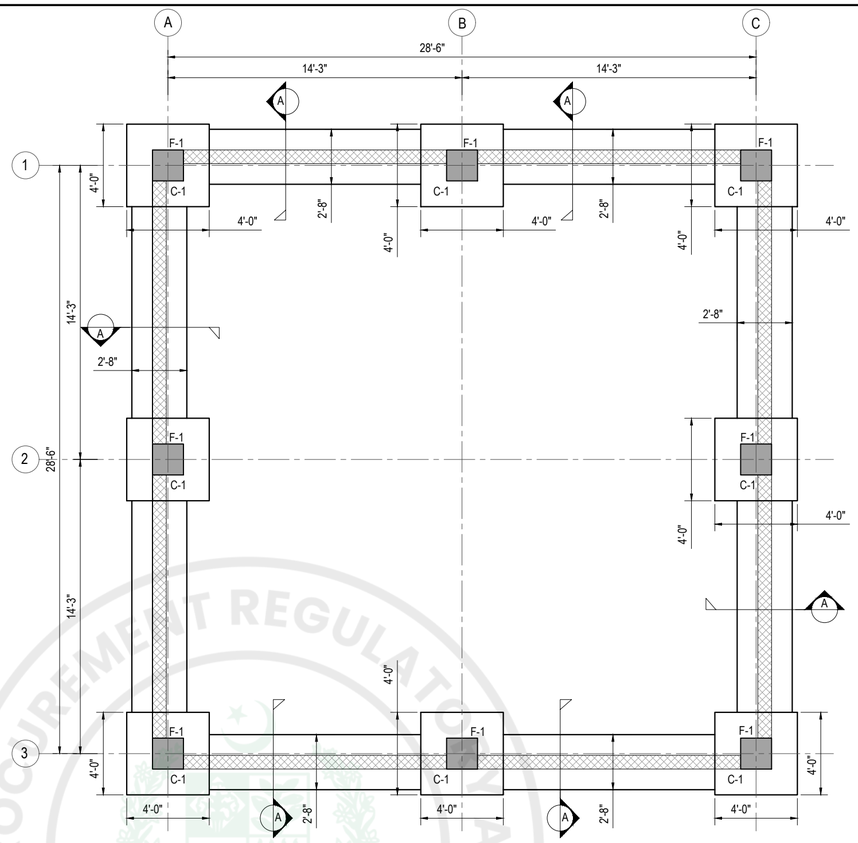
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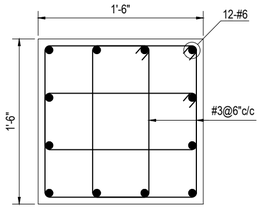
WALL LAYOUT PLAN

SCALE 3/16" = 1'-0"



FOOTING LAYOUT PLAN

SCALE 3/16" = 1'-0"



COLUMN C1

SCALE 1" = 1'-0"

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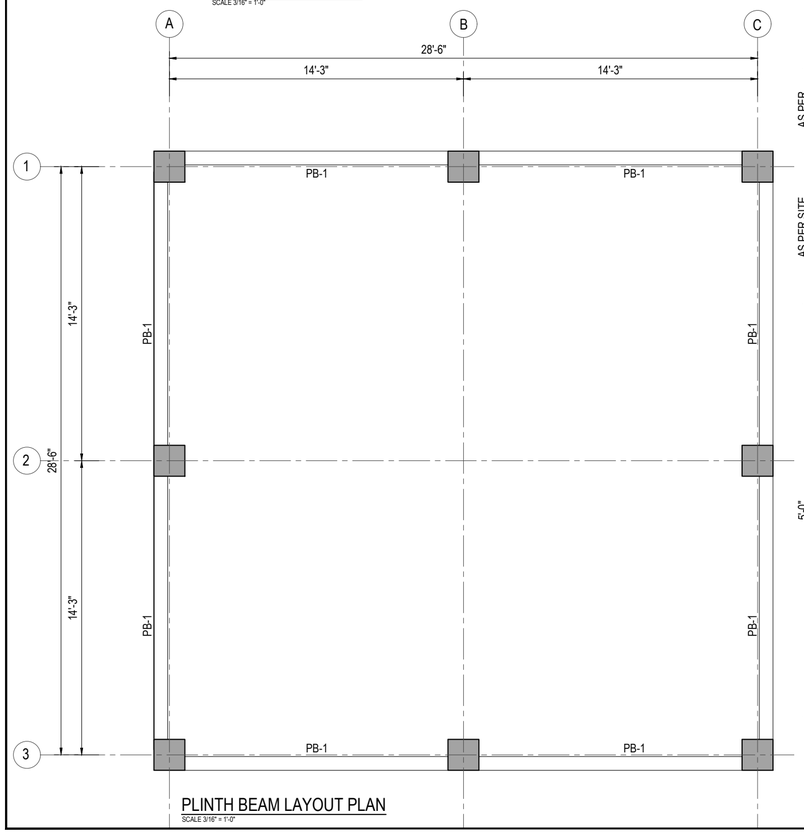
TENDER DRAWINGS

DRAWING TITLE:

TRANSFORMER ROOM FOUNDATION DETAILS

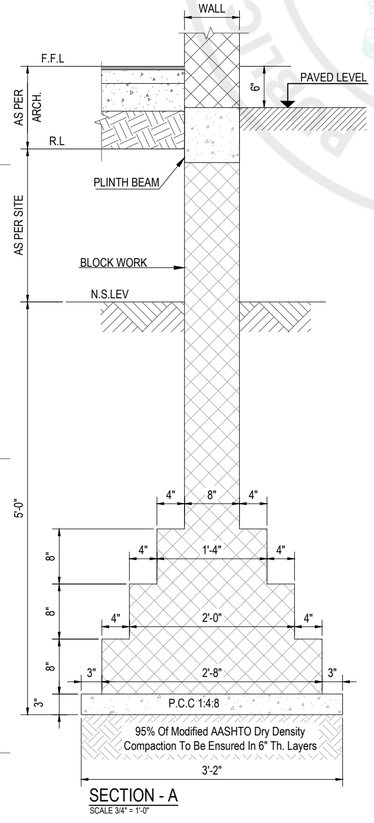
REV.	DATE	DESCRIPTION

DATE: OCTOBER,2026	SCALE:
DRAWN BY: M.M, U.A	DESIGN BY: K.G, Z.A, A.Z
CHECKED BY: A.M.D, M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-AB-04-S-01	REV. 00



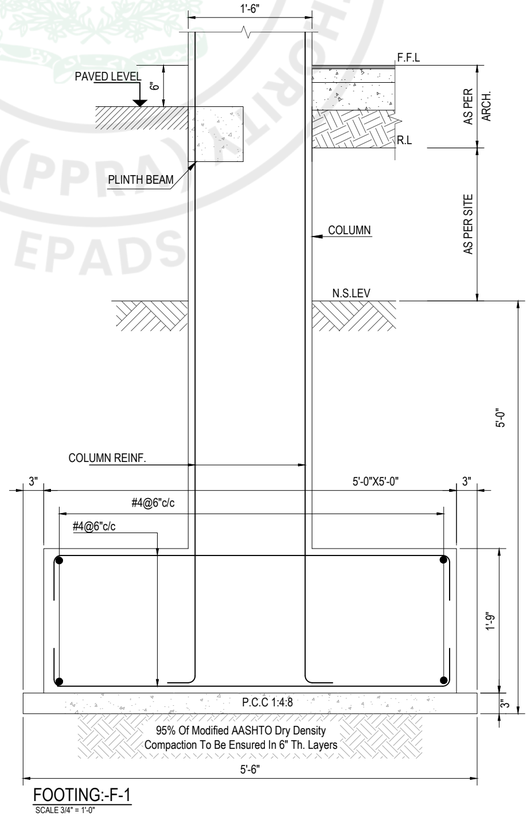
PLINTH BEAM LAYOUT PLAN

SCALE 3/16" = 1'-0"



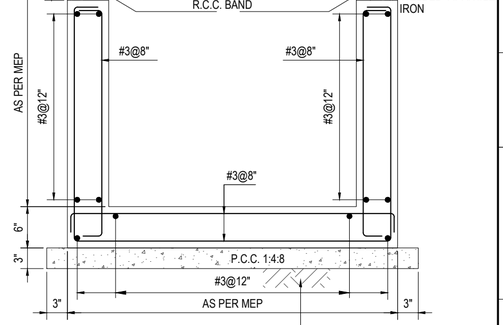
SECTION - A

SCALE 3/4" = 1'-0"



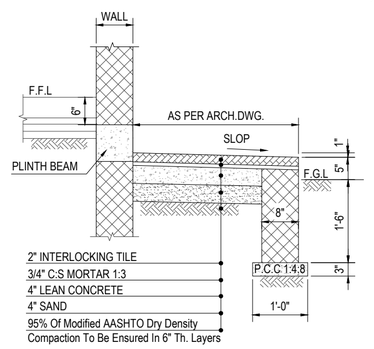
FOOTING:-F-1

SCALE 3/4" = 1'-0"



SECTION - B

SCALE 3/4" = 1'-0"

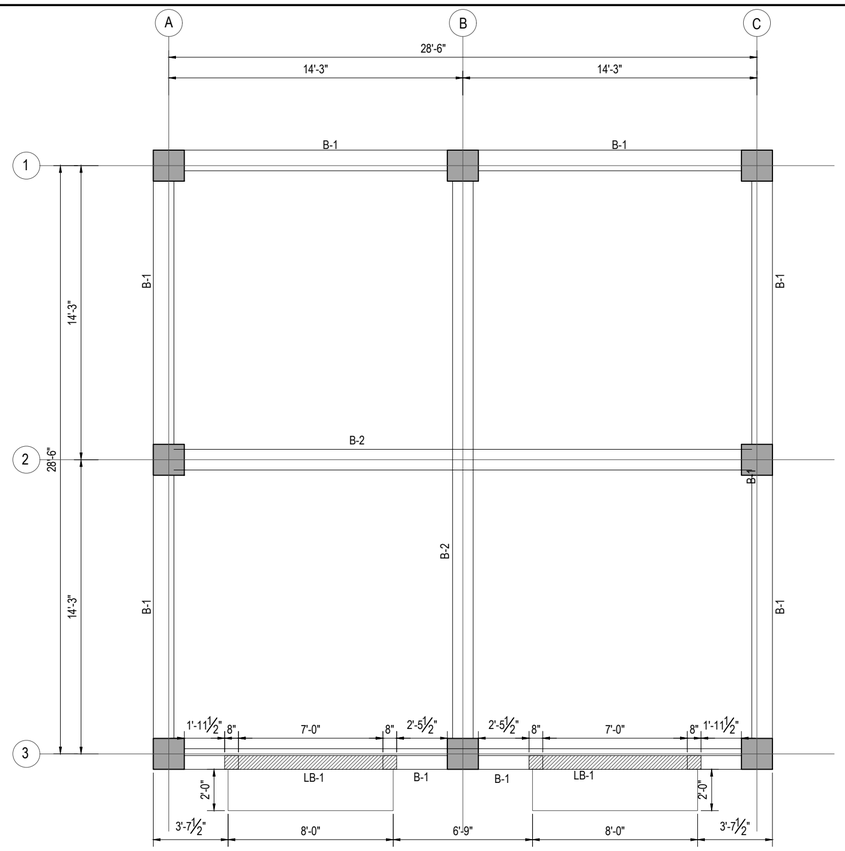


TYP. PLINTH PROTECTION

SCALE 1/2" = 1'-0"

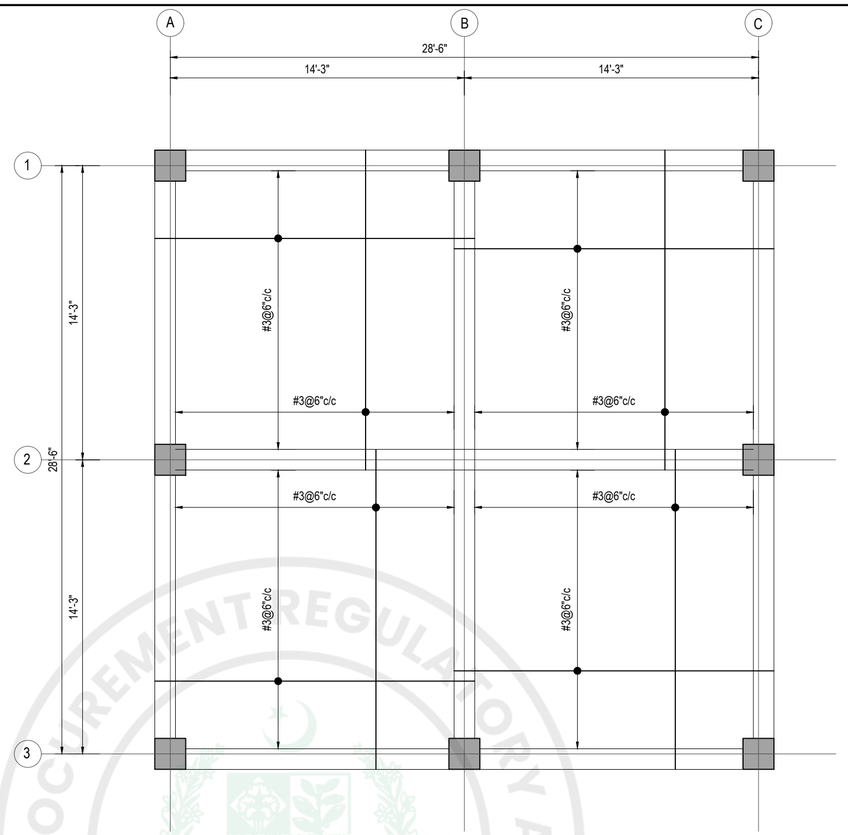
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LINTEL & BEAM LAYOUT PLAN

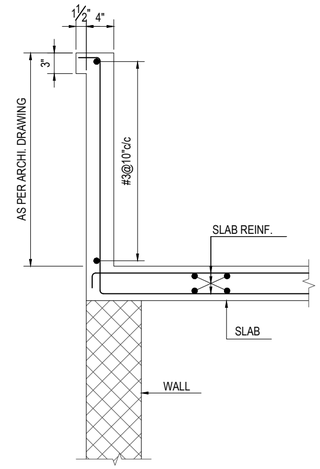
SCALE 3/16" = 1'-0"



BOTTOM REINFORCEMENT LAYOUT PLAN

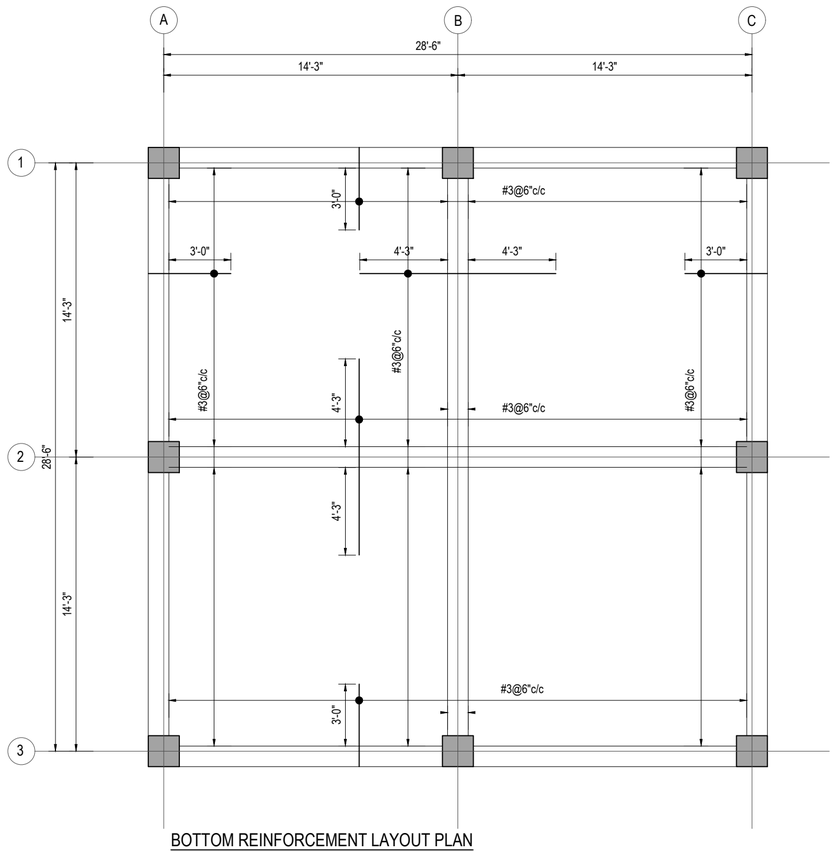
SLAB THICK = 6"

SCALE 3/16" = 1'-0"



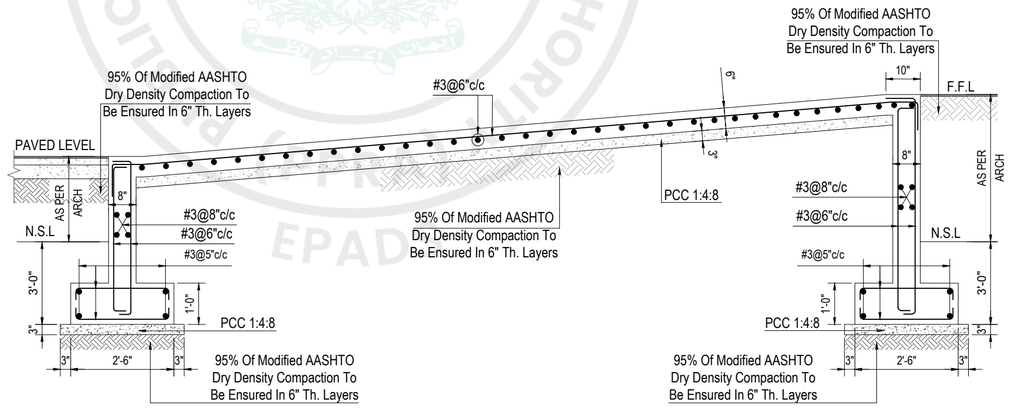
TYPICAL PARAPET DETAIL

SCALE 3/4" = 1'-0"



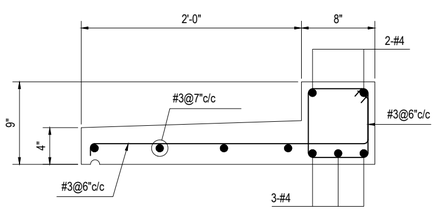
BOTTOM REINFORCEMENT LAYOUT PLAN

SLAB THICK = 6"



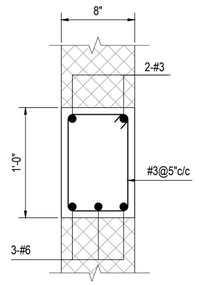
TYP. EXTERNAL RAMP LONGITUDINAL SECTION

SCALE 3/8" = 1'-0"



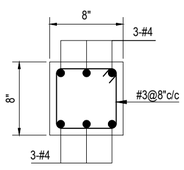
TYP. LINTEL BEAM LB1

SCALE 1" = 1'-0"



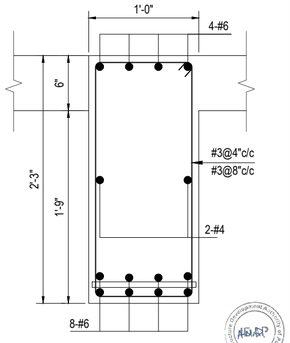
TYPICAL PLINTH BEAM

SCALE 1" = 1'-0"



TYPICAL BEAM B1

SCALE 1" = 1'-0"



TYPICAL BEAM B2

SCALE 1" = 1'-0"

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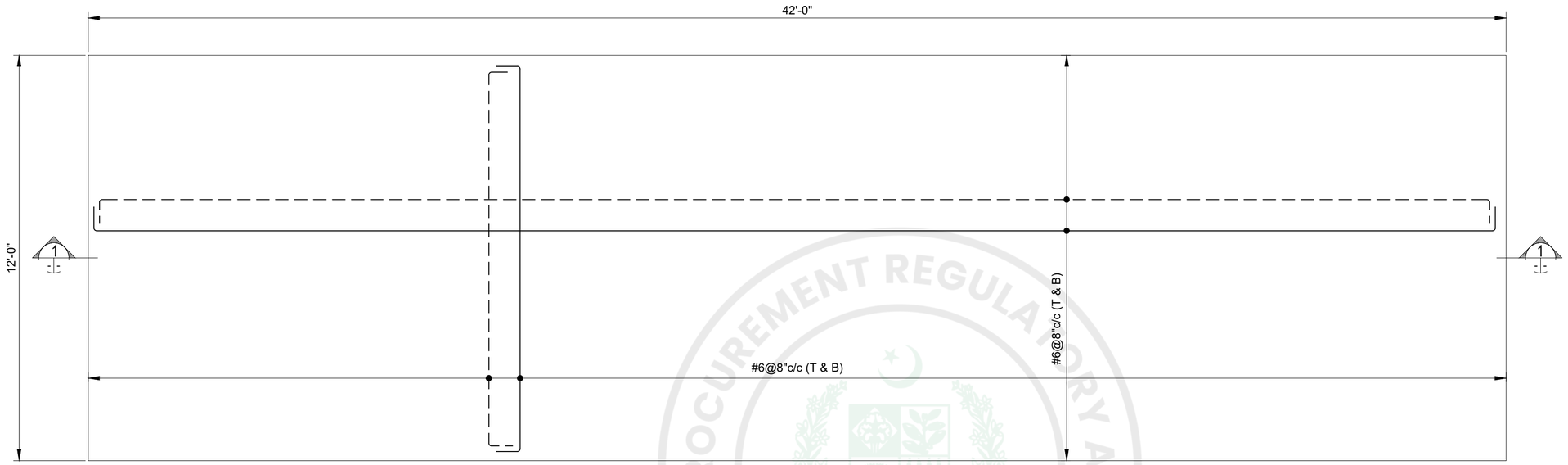
TRANSFORMER ROOM SLAB REINFORCEMENT & DETAILS

REV.	DATE	DESCRIPTION

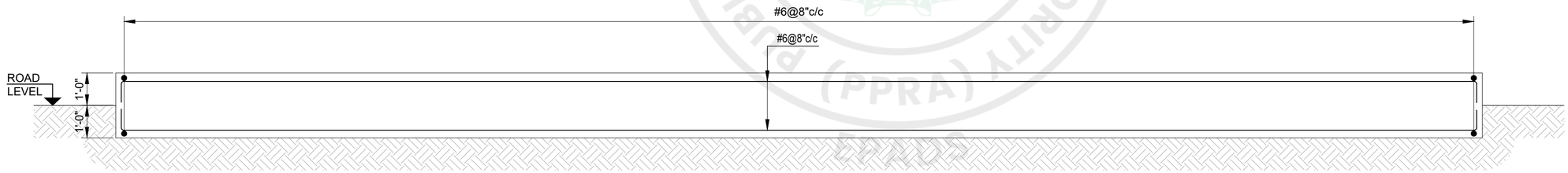
DATE: OCTOBER,2026	SCALE:
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CHECKED BY: A.M.D, M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-AB-04-S-02	REV. 00

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GEN SETS PAD LAYOUT
SCALE 3/8" = 1'-0"



SECTION 1-1
SCALE 3/8" = 1'-0"

Compaction Atleast 95% Modified
Proctor Dry Density in 6" th. Layers

NOT FOR CONSTRUCTION

GENERAL NOTES:

1. THIS DRAWING SHOULD BE READ IN CONJUNCTION WITH OTHER RELEVANT DRAWINGS

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW CONVENTION CENTER ISLAMABAD

(ANCILLARY BUILDINGS)

PROJECT STATUS:

TENDER DRAWINGS

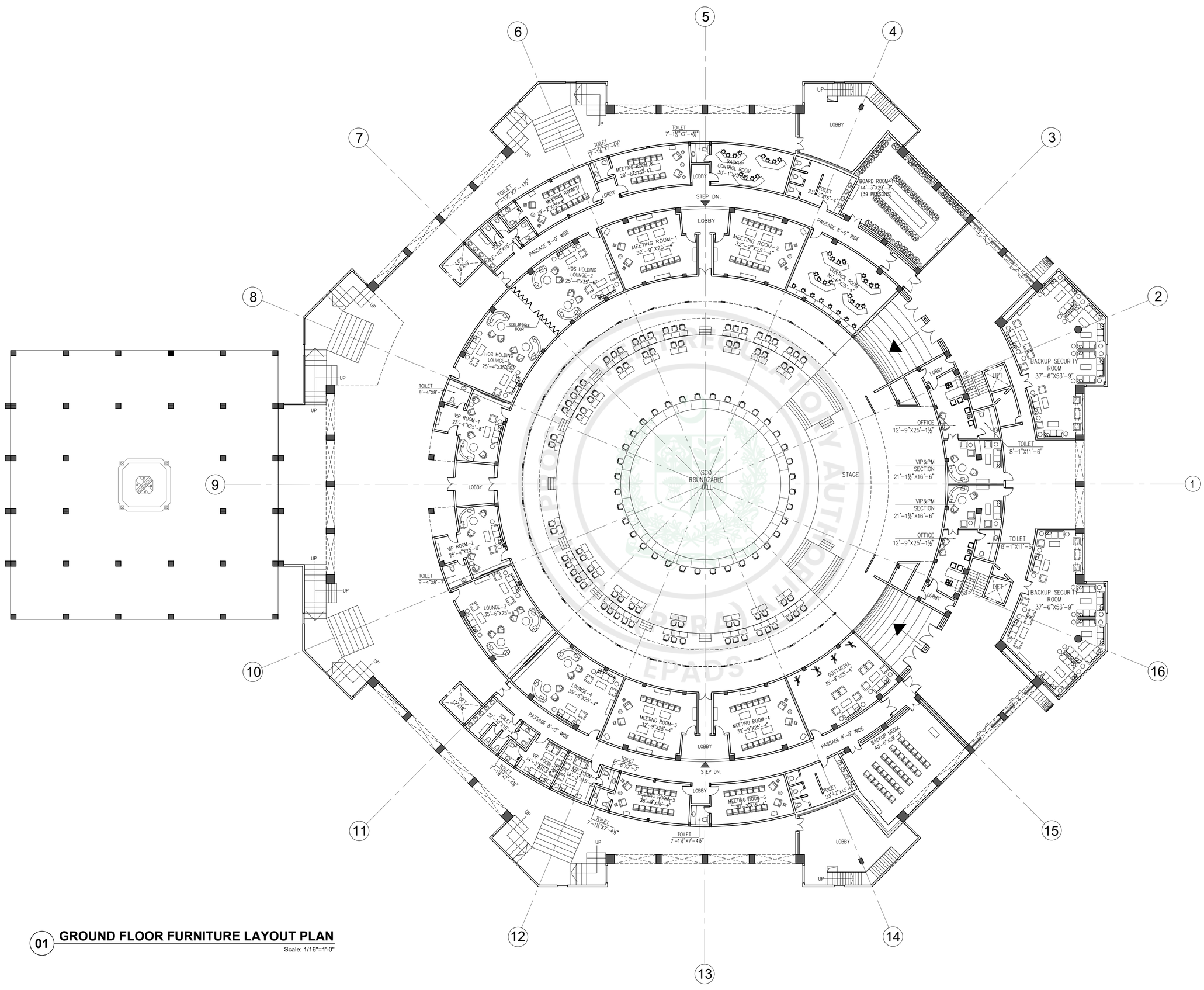
DRAWING TITLE:

GEN SETS PAD DETAIL

REV.	DATE	DESCRIPTION

DATE: OCTOBER,2026	SCALE:
DRAWN BY: M.M, U.A	DESIGN BY: K.G, Z.A, A.Z
CHECKED BY: A.M.D, M.N	APPROVED BY: H.O.D
DRAWING NO. CNCCI-AB-04-S-01	REV. 00

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA)
EPADS



01 GROUND FLOOR FURNITURE LAYOUT PLAN

Scale: 1/16"=1'-0"

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN FEET/INCHES, UNLESS OTHERWISE NOTED.
2. IF ANY ERROR OR OMISSION IS FOUND IN DRAWING THIS OFFICE MAY BE CONSULTED FOR RECTIFICATION.
3. FOR ANY FURTHER DETAIL /CLARIFICATION ON THE DRAWING PLEASE CONTACT THE PROJECT ARCHITECT.
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5. THE SITE DIMENSIONS AND PROFILE AS SHOWN ON THE LAYOUT PLAN MUST BE VERIFIED ON GROUND PRIOR TO COMMENCEMENT OF CONSTRUCTION IN ORDER TO AVOID COMPLICATIONS LATER ON.
6. H.V.A.C. PUBLIC HEALTH , ELECTRICAL AND LANDSCAPING SERVICES TO BE FINALIZED IN CONSULTATION WITH IDAP OFFICE PRIOR TO START OF CONSTRUCTION.
7. CONTRACTOR/CONSULTANT TO CONFIRM HANDICAP TOILET WITH ANSI 117.1
8. FOR ALL STRUCTURE DETAILS REFER TO STRUCTURE DRAWINGS.
9. FOR TYPICAL DETAILS SECTION, USE REFERRED DETAILS.
10. FOR SUMP PIT,LIFT PITS TRENCHES DETAILS AND LOCATIONS REFER MEP AND STRUCTURE.
11. RAIN WATER PIPES , ROOF SLOPES , RIDGES ARE INDICATIVE ONLY PLEASE REFER MEP DRAWINGS FOR DETAILS.
12. PLEASE VERIFY THE ROAD LEVELS WITH REFERENCE TO GRADING PLAN AS IT VARIES AT VARIOUS LOCATIONS /ENTRANCES OF THE BUILDING.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

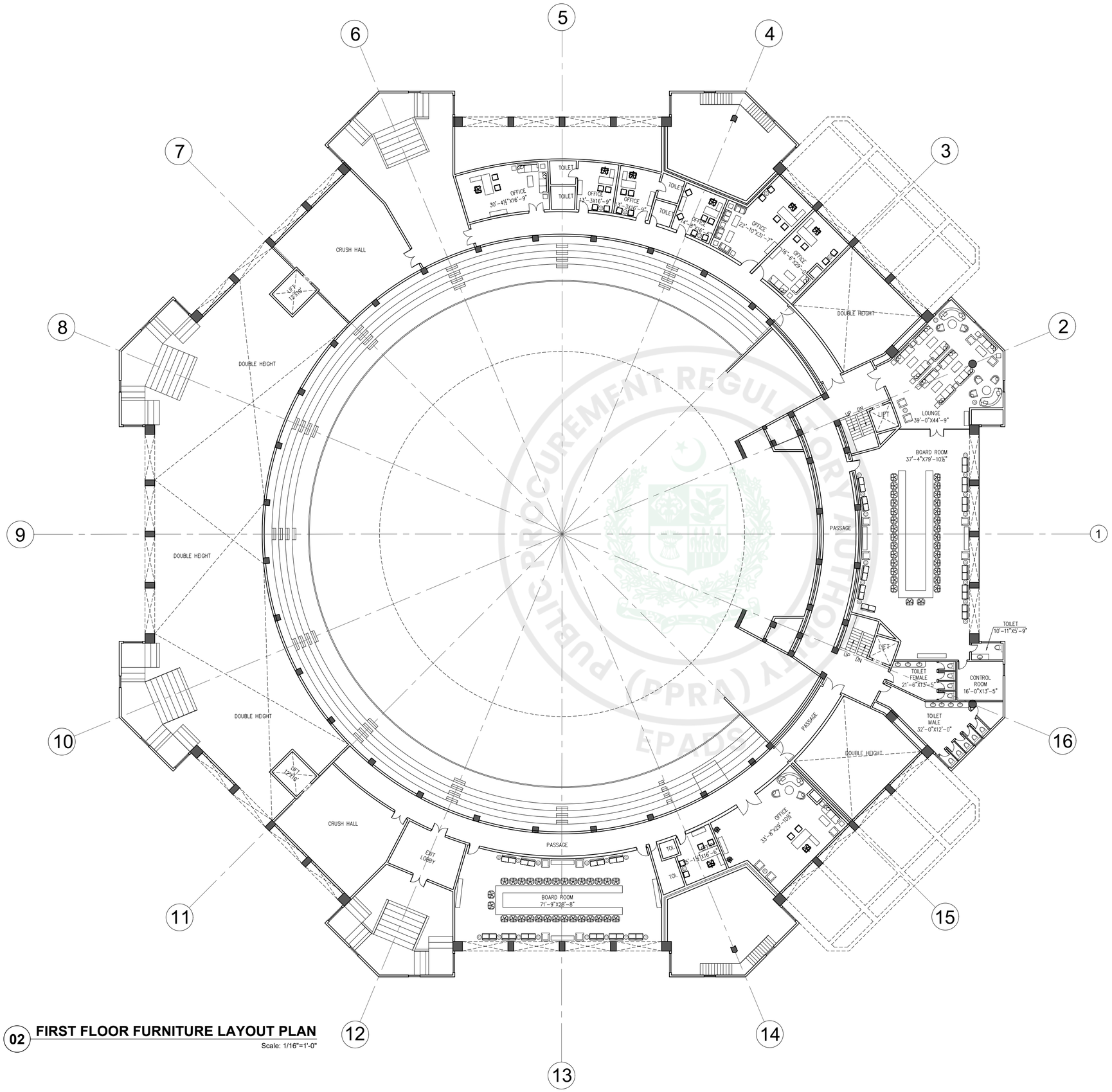
GROUND FLOOR FURNITURE LAYOUT PLAN

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/16" = 1'-0"
DRAWN BY: USMAN SHAFQAT	DESIGN BY: VIDA TAHIR
CHECKED BY: VIDA TAHIR	APPROVED BY: MEHER ZAHRA
DRAWING NO. NICEEC-ISD-03-A151	REVISION: 00

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02 **FIRST FLOOR FURNITURE LAYOUT PLAN**

Scale: 1/16"=1'-0"

GENERAL NOTES:

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7. CONTRACTOR/CONSULTANT TO CONFIRM HANDICAP TOILET WITH ANSI 117.1
8. FOR ALL STRUCTURE DETAILS REFER TO STRUCTURE DRAWINGS.
9. FOR TYPICAL DETAILS SECTION, USE REFERRED DETAILS.
10. FOR SUMP PIT,LIFT PITS TRENCHES DETAILS AND LOCATIONS REFER MEP AND STRUCTURE.
11. RAIN WATER PIPES , ROOF SLOPES , RIDGES ARE INDICATIVE ONLY PLEASE REFER MEP DRAWINGS FOR DETAILS.
12. PLEASE VERIFY THE ROAD LEVELS WITH REFERENCE TO GRADING PLAN AS IT VARIES AT VARIOUS LOCATIONS /ENTRANCES OF THE BUILDING.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

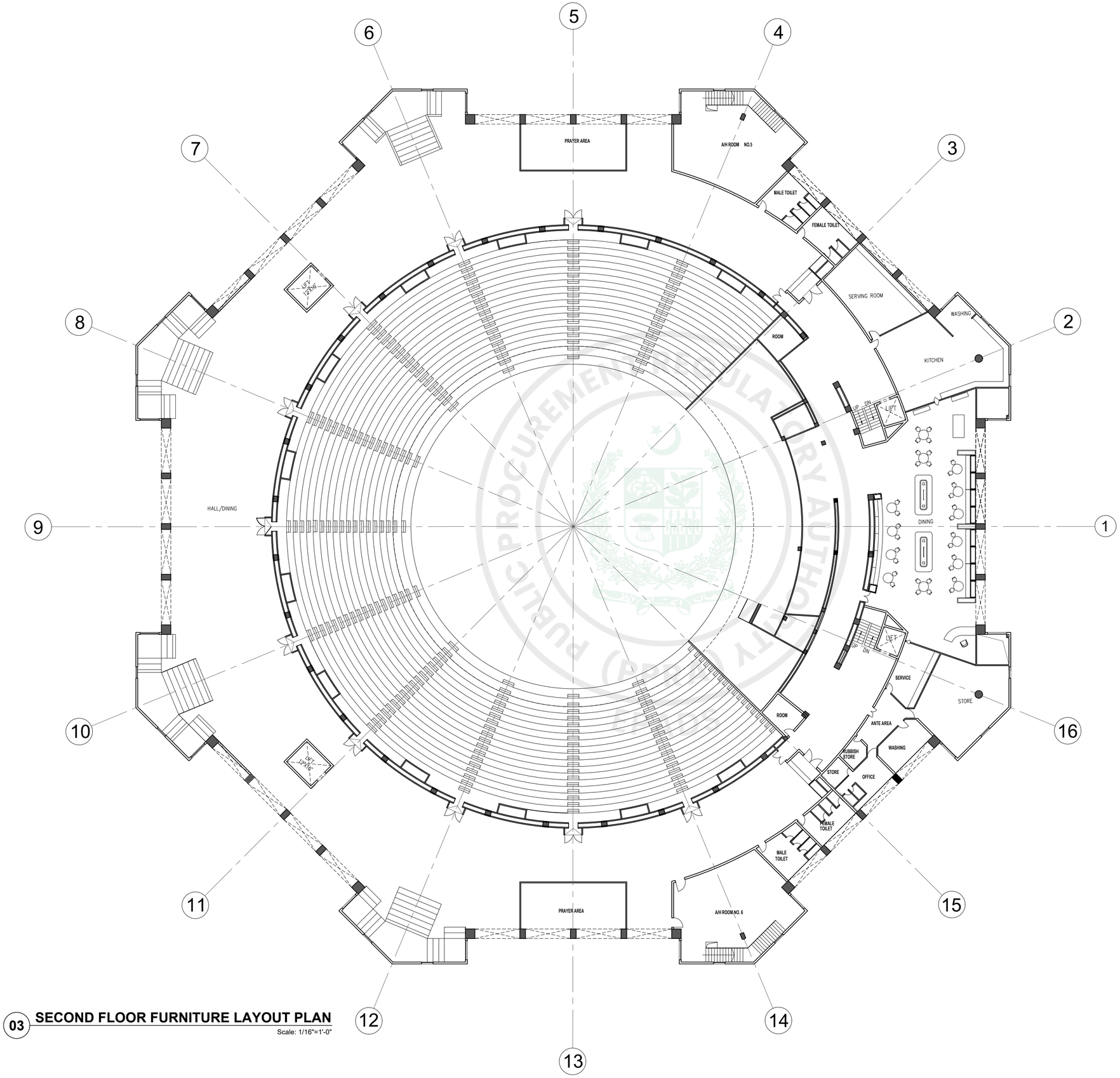
FIRST FLOOR FURNITURE LAYOUT PLAN

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/16" = 1'-0"
DRAWN BY: USMAN SHAFQAT	DESIGN BY: VIDA TAHIR
CHECKED BY: VIDA TAHIR	APPROVED BY: MEHER ZAHRA
DRAWING NO. NICEEC-ISD-03- A152	REVISION: 00

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PROCUREMENT REGULATORY AUTHORITY PUBLIC (PPRA) EPADS



03 **SECOND FLOOR FURNITURE LAYOUT PLAN**
Scale: 1/16"=1'-0"

GENERAL NOTES:

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12. PLEASE VERIFY THE ROAD LEVELS WITH REFERENCE TO GRADING PLAN AS IT VARIES AT VARIOUS LOCATIONS /ENTRANCES OF THE BUILDING.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

PROJECT STATUS:

PROPOSED DRAWINGS

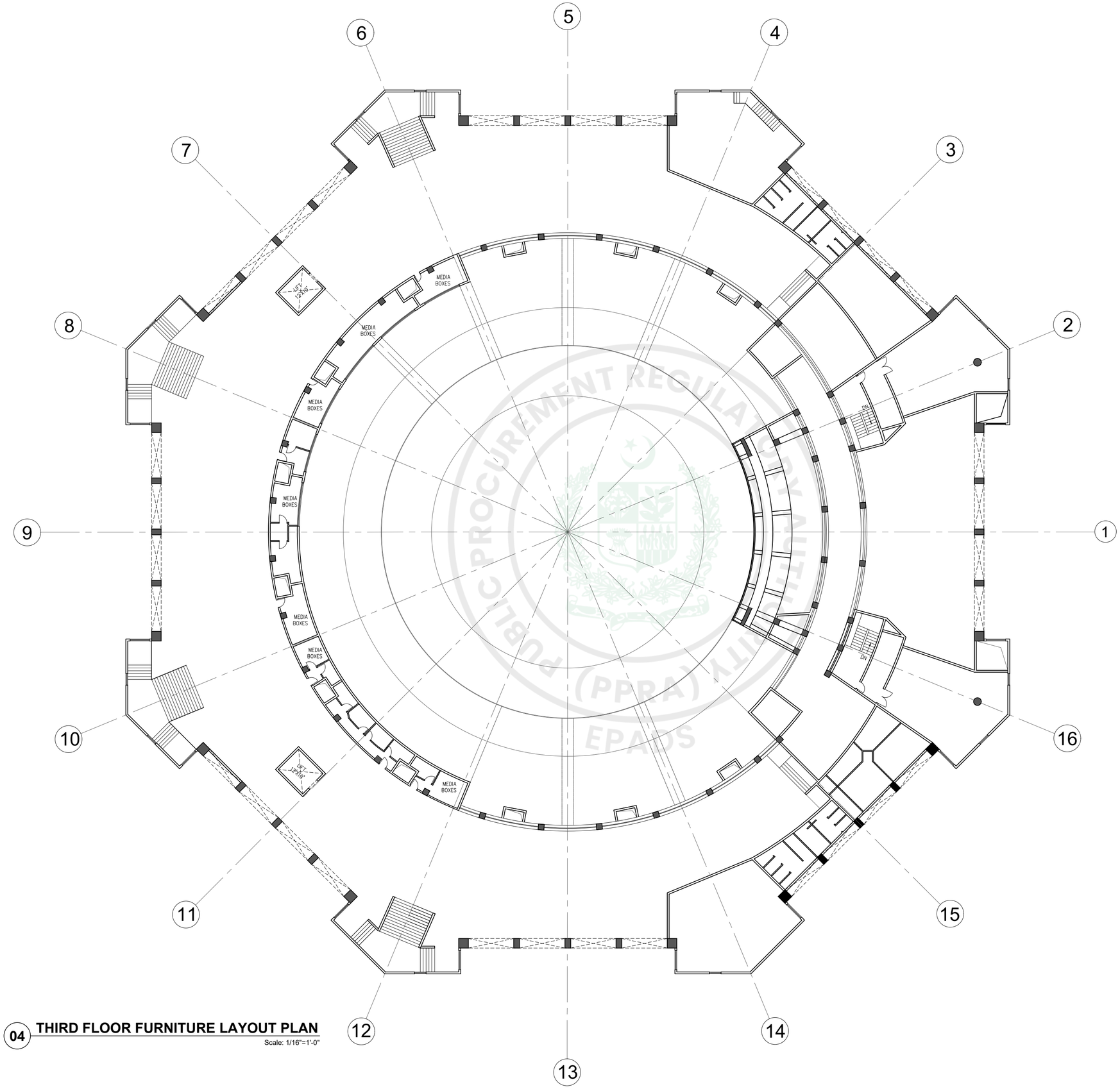
DRAWING TITLE:

SECOND FLOOR FURNITURE LAYOUT PLAN

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/16" = 1'-0"
DRAWN BY: USMAN SHAFQAT	DESIGN BY: VIDA TAHIR
CHECKED BY: VIDA TAHIR	APPROVED BY: MEHER ZAHRA
DRAWING NO. NICEEC-ISD-03-A153	REVISION: 00

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04 **THIRD FLOOR FURNITURE LAYOUT PLAN**

Scale: 1/16"=1'-0"

GENERAL NOTES:

1. ALL DIMENSIONS ARE IN FEET/INCHES, UNLESS OTHERWISE NOTED.
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12. PLEASE VERIFY THE ROAD LEVELS WITH REFERENCE TO GRADING PLAN AS IT VARIES AT VARIOUS LOCATIONS /ENTRANCES OF THE BUILDING.

CLIENT:

KEY PLAN

PROJECT:

CONSTRUCTION OF NEW ISLAMABAD CONVENTION, EXHIBITION AND EXPO CENTER (NICEEC) ISLAMABAD

PROJECT STATUS:

PROPOSED DRAWINGS

DRAWING TITLE:

THIRD FLOOR FURNITURE LAYOUT PLAN

REV.	DATE	DESCRIPTION

DATE: OCTOBER, 2026	SCALE: 1/16" = 1'-0"
DRAWN BY: USMAN SHAFQAT	DESIGN BY: VIDA TAHIR
CHECKED BY: VIDA TAHIR	APPROVED BY: MEHER ZAHRA
DRAWING NO. NICEEC-ISD-03-A154	REVISION: 00

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(Abstract of Cost Estimate)

Construction of New Islamabad Convention, Exhibition and EXPO Centre (NICEEC) Islamabad.

(Construction of New Convention, Exhibition and EXPO Centre I/C Upgradation, Uplifting and Modernization of the Exiting Jinnah Convention Centre)

		NIT Cost Rs. 14,367,795,377/-		
S. No	**Description**	**MRS-2026 (2nd Bi-Annual)**	**Non-Schedule**	**Total**
1	New Construction	2,389,272,998.00	7,438,057,676.00	
2	Renovation / Revamping of existing JCC	758,029,089.00	3,100,782,006.00	
	S. Total	**3,147,302,088.00**	**10,538,839,682.00**	
	Percentage Above/ Below			
	Total (A)			
3	Provisional Sum		**681,653,607.00**	
	Total (B)			
	Total (A+B)			

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	EARTH WORKS					
Chapter-3 Item#49a,P-27	Jungle clearance and removing within 100 ft. (30 m).	Sft	57,228.00	0.41		23,237.43
	EXCAVATIONS, BACKFILLING					
Chapter-3	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer.					
bii	In Ordinary Soil (By Excavator)					
Item#21,1biii, P-24	From ± 0'-0" to -5' - 0"	Cft	286,142.00	12.79		3,659,241.12
Item#21,2aiii, P-24	Lift from 5ft (1.5m) to 15 ft (4.5 m):-	Cft	112,338.00	15.27		1,715,929.25
	Backfilling					
Chapter-3	Supplying and filling watering and ramming earth under floor with new earth excavated from					
Item#15(i)+25(i) P-23,25	With surplus earth from foundation, etc. (Earth for backfilling from excavation)	Cft	251,137.00	10.17		2,553,247.09
Item#15(ii)+25(i)+ 17a~c Lead P-23,25	with new earth excavated from outside, lead upto one chain (30 m). Add lead 10KM	Cft	251,137.00	35.39		8,887,650.53
Chapt#6 Item#17, P-23	Transportation (Disposal) of excavated earth take 10KM lead	Cft	119,544.00	15.83		1,892,728.20
Chapter-10 Item#3,+25(i) P-59,25	Supplying and filling sand under floor, or plugging in well compaction of earthwork with power road roller, including, ploughing, mixing, moistening earth to optimum moisture content in layers to obtain 95% to 100% maximum modified AASHO dry density. including all lead & lifts etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer. Engineer Fill A3 Material	Cft	93,878.00	37.58		3,527,770.95
Chapter-6 Item#2, P-34	Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50 mm) gauge	Cft	17,359.00	140.77		2,443,539.64
	TERMITE CONTROL					
Chapter-26 Item#43, P-212	Spraying termite proofing by using liquid FMC/ Biflex/ Terminex Exin/ Ms Hextar or equivalent @ specified suspension concenterate (SC), Mixing Ability-HEXTAR with Ratio (1:250) = 540 Sft or equivalent approved liquid applying with shower and certificate will be provided by the contractor for 10-years complete in all respect .as approved by the Engineer Incharge.	Sft	135,630.00	12.70		1,722,501.00
	CONCRETE WORKS					
	PLAIN CONCRETE WORKS					
Chapter-6	Providing and laying cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate) complete in all respects as per drawing, standard, specifications and as directed by the Engineer.					
Item#5(l) P-34	Below foundation, plinth beam,situ,walls,tanks, over stone soling or where required *(Ratio 1:4:8)*	Cft	34,588.00	360.30		12,461,883.46
Item#5(f) P-34	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): f) Ratio 1:2:4, Hollow Block	Cft	30,198.50	490.86		14,823,084.72
Chapter-1 Item#1 P-3	Carriage of 100 cft. (2.83 cu.m) of all material like stone, aggregate, spawl, kankar lime (unslaked), surkhi, etc.	Cft	59,353.46	28.71		1,703,919.17

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	Strength Based Concrete					
Chapter-6 Item#9, P-37	Placing, compacting, finishing and curing of concrete using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; including screening, washing of aggregates and mixing of constituents using batching plant, Transportation by transit mixer, in the required proportions to achieve a nominal cylindrical strength in the field as per ACI 214, with the specified consistency. i/c the cost of shuttering, compaction with Viberator, but excluding the cost of Admixture and hydraulic pump, as approved and directed by the Engineer Incharge.					
(a)	Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:-					
(b)	Retaining/ Shear walls laid in situ or precast laid in position,or prestressed members cast (Formwork on both sides)					
C	Substructure (Foundations, Raft, Strip and Footing Beams)					
9(C) vi	Substructure (Foundations, Pile Cap, Raft, Strip and Footing Beams) 3000PSI (Band Beam and Column)+ Wire Mesh conc	Cft	23,276.00	583.45		13,580,382.20
9(a) (iv)	Lintel 4000 Psi	Cft	970.00	832.00		807,040.00
9(C) (iv)	Concrete Pads 4000 Psi	Cft	5,130.00	687.35		3,526,105.50
9(a) (iv)	Toe wall Footing 4000 Psi	Cft	1,089.00	687.35		748,524.15
9(b) (iv) ii	Toe wall more Than 9" Thick 4000 Psi	Cft	791.00	717.70		567,700.70
9(C) (iv)	Plinth Beams 4000 Psi	Cft	12,254.00	687.35		8,422,786.90
9(C) (iv)	SOG slab 4000 Psi	Cft	35,332.00	687.35		24,285,450.20
9(C) (iv)	Stair and Ramp at front (4000 Psi)	Cft	232.00	687.35		159,465.20
	Grond Floor Slabs 4000 Psi at +22'-0"					
9(a) (iv)	Beams 4000 Psi	Cft	20,859.00	832.00		17,354,688.00
9(a) (iv)	Slabs 4000 Psi	Cft	17,948.00	832.00		14,932,736.00
9(a) (iv)	Stair Case / steps / Rcc seats (Steps, Landing & Waist slab) (4000 Psi)	Cft	1,469.00	832.00		1,222,208.00
	1st Floor Slabs 4000 Psi at +38'-6"					
9(a) (iv)	Beams 4000 Psi	Cft	29,667.00	832.00		24,682,944.00
9(a) (iv)	Slabs 4000 Psi	Cft	18,592.00	832.00		15,468,544.00
9(a) (iv)	Stair Case / steps / Rcc seats (Steps, Landing & Waist slab) (4000 Psi)	Cft	632.00	832.00		525,824.00
	2nd Floor Roof Slabs 4000 Psi at +56'-6"					
9(a) (iv)	Beams 4000 Psi	Cft	4,164.00	832.00		3,464,448.00
9(a) (iv)	Slabs 4000 Psi	Cft	3,004.00	832.00		2,499,328.00
9(a) (iv)	Stair Case / steps / Rcc seats (Steps, Landing & Waist slab) (4000 Psi)	Cft	632.00	832.00		525,824.00
9(b) (iv) i	Parapet wall up to 9" Thick (4000 Psi)	Cft	1,591.00	748.70		1,191,181.70
	Mumty/OHWT Slabs 4000 Psi					
9(a) (iv)	Mumty/Steel Shed Beam 4000 Psi	Cft	3,829.00	832.00		3,185,728.00
9(a) (iv)	Slabs 4000 Psi	Cft	2,905.00	832.00		2,416,960.00
9(b) (iv) i	OHWT walls More than 9" thick 4000 Psi	Cft	1,133.00	717.70		813,154.10
Chapter-1 Item#1 P-3	Carriage of 100 cft. (2.83 cu.m) of all material like stone, aggregate, spawl, kankar lime (unslaked), surkhi, etc.	Cft	155,819.16	28.71		4,473,256.45
	Reinforced Concrete					
	Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:-					
9(C) (iii)	Foundation Raft / Isolated 5000 Psi	Cft	144,120.24	717.00		103,334,212.00
9(B) (iii)(ii)	Lift Wall More the 9" thick 5000 Psi	Cft	1,761.00	747.35		1,316,083.35
9(a) (iii)	Columns 5000 Psi	Cft	9,279.00	861.65		7,995,250.35
	Reinforced Concrete Ground Floor +22'-0"					

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
9(a) (iii)	Columns 5000 Psi	Cft	24,316.00	861.65		20,951,881.40
	Reinforced Concrete Roof Floor +42'-2"					
9(a) (iii)	Columns 5000 Psi	Cft	24,484.00	861.65		21,096,638.60
	Reinforced Concrete Top Roof Floor +57'-2"					
9(a) (iii)	Columns 5000 Psi	Cft	3,325.00	861.65		2,864,986.25
	Reinforced Concrete Mumty Floor +67'-2"					
9(a) (iii)	Columns 5000 Psi	Cft	1,409.00	861.65		1,214,064.85
Chapter-1 Item#1 P-3	Carriage of 100 cft. (2.83 cu.m) of all material like stone, aggregate, spawl, kankar lime (unslaked), surkhi, etc.	Cft	169,947.47	28.71		4,878,851.97
Chapter-6 Item#9(e) P-38	Extra for placing of concrete with concrete placing boom pump of specified output, vertical & horizontal reach, as approved & directed by the Engineer Incharge.	Cft	406,210.00	7.40		3,005,954.00
	CONCRETE Providing and laying 7000 Psi (Cylinder Strength at 28 days) reinforced cement concrete using coarse sand and screened graded and washed aggregate, in required shape and design, including forms, moulds, shuttering, lifting, compacting, curing, rendering and finishing exposed surface, complete (but excluding the cost of steel reinforcement, its fabrication and placing in position, etc.					
	Prestressed Girder	Cft	474	965.80		457,789.00
Chapter 6 Item 25	Lifting, transporting and placing precast prestressed concrete Beam, Girder and other members (excluding battens) etc., in position on the bridge to correct alignment and level, etc., complete in all respect as directed by the Engineer Incharge.	Tons	32	1,980		63,363.00
Chap. 18 Item 22(II)b(i)	Providing and laying Elastomeric Neoprene Bearing Pads of specified grade, Specific gravity, hardness, elongation, min tensile strength of 2250 psi, and compressi ve strength of 2000 psi conforming to ASTM D2240standard test method for rubber as approved and directed by the EngineerIncharge. **II. Grade 60A (b) Laminated (i) Without Anchorage**	in3	102	66		6,732.00
Chapter 6 / 23	Fabrication of high tensile steel prestressing cables for prestressed (post tensioned) concrete, including assembling by drawing the H.T. wire through metal spacer plate, inserting in helix core and taping or tying, sheathing in longitudinally welded metal corrugated sheath, posi tioning , anchorage with male and female set of anchorage cone, forming ducts for transverse cable, stressing cables with j ack at both ends as per stressing schedule, maintaining stressing record and supply the same in the approved proforma to the Engineer-in-charge, making loop at blind end, including all materials required for it, grouting the cable ducts with cement, cutting proj ected ends and making good recesses, etc., complete in all respects.	Tons	2.50	726,568		1,816,420.00
6./9	In case of any special shuttering requirement such as domes, box/ curved girders, waffle slabs etc or where no shuttering is required, the labour &composite rate shall be reduced.	Cft		169.58		
25/9+10	Providing specil shutteringfor box girders, including the salvage value of formwork complete in all respect. As per drawing.	Tons	25.00	233,915.00		5,447,875.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
06./9	Fixing and removal of special shutterimg for box girders, complete in all respect.	Cft	17660	46.65		823,839.00
	STEEL REINFORCEMENT					
Chapter-6 Item#12(b) ii, P-38	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):-					
bii	Deformed bars (Grade-60)	Kg	1,845,333.00	308.28		568,876,489.24
a	Plain bars	Kg	28,354.00	294.07		8,337,919.01
	Super Plasticizer					
Chapter-6 Item#57a P-43	Providing and mixing super plasticizer (water reducing admixture) as defined in ASTM C-94 in order to achieve the required consistency /workability measured by the slump or to achieve specified strength in the ratio as proposed by the designer in the concrete mix design etc. complete in all respect as approved and directed by Engineer in charge. (i. The use of Plasticizer/ Super Plasticizer will be subject to the permission of Superintending Engineer.)	Per Ltr	78,238.00	184.65		14,446,646.70
	Water Proof Membrane					
Chapter-9 Item#46aii (P-57)	Providing and applying torch-on plain waterproofing bitumenous membrane of specified thickness (madeofRoof-Grip/EuroBit) duly lapped/ connected by heating with Torch over ps-6 primer i/c preparation/ smoothen the surface complete in all respect as approved and directed by the Engineer Incharge. 4mm Thick	Sft	1,174.00	132.35		155,378.90
	Water Stops					
Chapter-6 Item#32i (P-40)	Providing and embedding 10" (250mm) wide PVC water stopper in expansion joints of RCC structures (Retaining walls, water tanks, Slabs) complete in all respect.					
(i)	10"wide 6 mm thick	Rft	376.00	426.00		160,176.00
Chapter-19 Item#37iii,P-117	Supply and fitting of cast iron Manhole cover with frame, etc. complete	No.s	2.00	6,089.85		12,179.70
	Rungs					
Chapter-6 Item#58,P-44	Providing and fixing ¾" dia Hot-Dip Galvanized MS U-shaped ladder Rungs with 12" clear width, 6" wall offset and 6" bent ends embedded in walls / concrete complete in all respect and as approved by the Engineer Incharge.	No.s	8.00	1,133.05		9,064.40
	Brick / Block Work					
Chapter-6 Item-13 P-38	P/F Precast cement concrete solid or face blocks (1:2:4), including cost of templates. With 1:5 mortar and Labour for fixing at any height	Cft	95,455.00	574.05		54,795,942.75
Chapter-6 Item-14 P-38	P/F Precast cement concrete hollow blocks (1: 2: 4) , including cost of templates and constructing walls thereof. With 1:5 mortar and Labour for fixing at any height	Cft	14,820.00	462.65		6,856,473.00
NON-SCHEDULED ITEM						
	Provide, and install M.S. Builtup Girders on top of R.C.C. Columns conforming to ASTM A-572 (Fy=50ksi) specifications complete in all respects and as directed by the Engineer including painting (2 coats of Red Oxide and 2 Coats of Enamel = 80-100 Microns (DFT)).					
	M.S. Rafters	Kg	125,000.00	582.03		72,753,750.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	MS Angle	Kg	4,900.00	682.52		3,344,323.50
	Provide and fix M.S. Tubes conforming to ASTM A53 Grade B specifications as shown in drawing completed in all respects and as directed by the Engineer including painting (2 coats of Red Oxide and 2 coats of Enamel=80 microns (DFT))					
	MS Tubes	Kg	38,000.00	700.79		26,629,830.00
	Provide and fix GI Purlins conforming to ASTM A653 Class 1 Specifications (Fy=50ksi) Z275 supported on steel rafters as shown in drawing complete in all respect and as directed by the Engineer. (Z and C-Profile)	Kg	16,000.00	595.08		9,521,280.00
	Provide and fix complete composite roof sheeting system comprising Outer sheet: 0.70mm Seam lock PPGL profile, concealed fix Liner sheet: 0.50mm PPGL micro-rib profile conforming ASTM A-792 specifications (Fy=50ksi) (AZ150) over G.I Purlin as shown in drawing complete in all respect and as directed by the Engineer.	Kg	42,550.00	841.73		35,815,398.75
	Provide, and install 75mm thick Rigid Rock Wool insulation (nominal density 122 kg/m³, with one side aluminum foil facing) under M.S. roof sheeting, supported firmly in place using G.I. chicken wire mesh and binding wire, complete in all respects and as directed by the Engineer.	Sft	26,775.00	114.84		3,074,841.00
	Provide and fix M.S. connection plates conforming to ASTM A572 specifications for on site bolting of structural elements for thickness ranging from 4mm-30mm complete in all respects and as directed by the Engineer including painting same as Built-up Sections					
	MS Plates (4mm-30mm)	Kg	22,200.00	645.98		14,340,645.00
	Provide and fix High Strength Connection Bolts fully threaded and hot dip galvanized conforming to ASTM A325 (Grade 8.8) specifications for on site bolting of structural elements complete in all respects and as directed by the Engineer.	Kg	4,890.00	1,062.27		5,194,500.30
	Provide and fix 0.5mm PPGL Trims & Flashings as shown in drawing complete in all respect and as directed by the Engineer.	Kg	4,095.00	805.19		3,297,232.58
	Provide and fix anchor bolts conforming to ASTM A-307/F1554 (Grade 55) with standard hooks (Typical as shown in drawing, complete in all respect and as directed by the Engineer.					
	M20-M36 Anchor Bolts	Kg	5,550.00	960.48		5,330,664.00
	Supply & Installation of Metal Building Accessories; i,e sealants, bead mastic, foam closures complete in all respect and as directed by the Engineer. (to be calculated by Vendor)					
	Foam Closure	Job	1.00	17,930,247		17,930,246.51
	Bead Mastic Tape					
	EPDM Screws					
	Stiching Screws					
	GI Seamlock Clips					
	Ø 4" PVC Pipe for Downtake					
	Ø 4" PVC Socket for Downtake					
	Ø 4" PVC Bend					
	Ø 4" PVC Nozzle					
	Ø 4" Steel Clamps PVC Pipe					

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	Providing and fixing #3 dia Bar to be drilled into existing Slab, Column, Beam using epoxy Complete as per drawings, Specifications and/ or as directed by the Consultants / Engineer. (Excluding cost of Steel Reinforcement)	No.s	5,064.00	660.00		3,342,240.00
	Providing and mixing waterproofing admixture as per manufacturer's specification as proposed by the designer in the concrete mix design etc. complete in all respect as approved and directed by Engineer in charge. (i. The use of Water Proofing Admixture will be subject to the permission of Superintending Engineer.)	Per Ltr	368.00	193.00		71,024.00
	Supply and apply waterproofing coating, including surface preparation, primer application, crack filling, and all necessary materials and accessories. The work shall be carried out using approved quality products or equivalent, and completed in accordance with relevant codes of practice, project drawings, specifications, manufacturer's recommendations, and the supervising engineer's instructions	Sft	3,742.00	300.00		1,122,600.00
	Providing and fixing of 2" thick cork sheet complete in all respect as per Specifications, and as approved	Sft	5,130.00	1,133.50		5,814,855.00
ARCHITECTURE WORK						
	Plain and Reinforcement Concrete					
CH:6 item-5	Cement concrete plain including placing, compacting , finishing and curing complete (including screening and washing of stone aggregate)					
(i)	Ratio 1: 4: 8	Cft	521.00	360.30		187,713.70
(f)	Ratio 1: 2: 4	Cft	39,062.00	490.86		19,173,778.01
	Carriage					-
CH:1 item-1	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor.	Cft	36,618.00	28.72		1,051,668.96
	Flooring					-
CH:10 item-3	Supplying and filling sand under floor; or plugging in wells.	Cft	1,043.00	35.57		37,096.38
CH:10 item-4	Providing, laying, watering and ramming brick ballast 1½" to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for floor foundation, complete in all respects.	Cft	29,082.00	147.49		4,289,420.51
CH:10 item-22(b)-(ii)	1½"(40 mm) thick mosaic flooring, consisting of ½ "(13 mm) mosaic topping of one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips,laid over 1"(25 mm) thick floor of 1:2:4 cement concrete, including rubbing and polishing complete with finishing :- (b) using white cement	Sft	1,130.00	351.49		397,183.14
CH:10 item-34(b)-ii	Mosaic dado or skirting with one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips, laid over ½"(13 mm) thick cement plaster 1:3, including rubbing and polishing, complete with finishing:(b) using white cement: (ii)- ½"(13 mm) thick	Sft	1,403.00	214.31		300,680.44

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
Ch-10 item-38-a-ii	Providing and laying 1" thick terrazzo tile for specified colour & size full body, best quality with minimum 5000 PSI in approved design with adhesive bond over 3/4" thick 1:3 cement plaster i/c the cost of sealer for finishing the joints i/c cutting, grinding, rubbing, filling. Complete in all respect as approved and directed by the Engineer incharge. (Without Polishing) ii) Coloured					-
	Size 12"x12"x1" ii) Coloured	Sft	277.00	369.55		102,365.35
Ch-10 item-15-(b)	Tile skirting laid in 1:2 cement mortar, over ¾"(20 mm) thick cement mortar, 1:2 including cement washing and filling joints complete:- (b) mosaic tiles	Sft	32.00	282.82		9,050.08
Ch-10 item 25 b)	Rubbing and polishing old grit/ mosaic floor, including repairing voids, uneven surface, complete in all respects. b) New Grit / Mosaic Floor (Note: Rs. 730.40 per % Sft will be paid if only polishing is done)	Sft	309.00	48.39		14,951.43
Ch-10 item 46 (a)-iv	Providing and laying superb quality Porcelain glazed tiles flooring of Master/ Stile brand or approved equivalent manufacturer of specified size in approved design,Color and Shade with adhesive/bond over 3/4"thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge. a) Full body Glazed tiles Note:If matt tile will be used, reduce composite rate by Rs. 15/- Psft.					-
(iii)	600mmx 1200 mm	Sft	31,136.00	510.00		15,879,360.00
Ch-10 item 35 (a)-iv	Providing and laying superb quality Porcelain glazed tiles of Master/ Stile brand or approved equivalent manufacturer, skirting/dado of specified size, Color and Shade with adhesive/ bond over 1/2"thick (1:2) cement plaster i/c the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge. a) Full body Glazed tiles Note:If matt tile will be used, reduce composite rate by Rs. 15/- Psft.					-
(iii)	600mmx 1200 mm	Sft	26,883.00	510.15		13,714,362.45
Ch-10 item 54	Providing and applying non-oxidizing Metallic Floor Hardener comprising of 50 mm thick base slab of cement concrete 1:2:4, including surface finishing and toping of floor hardener spreading @ 9-12kg / Sqm using mechanical trowels for required finish and texture including leveling, compacting, curing complete in all respect as per approved specifications and as approved by the Engineer incharge.	Per/Sft	4,483.00	203.80		913,635.40

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
Ch-10 item 57	Providing, laying and jointing Premium Quality Imported HDF Laminated Wooden Flooring (sustainable certification compliance) of approved color, shade, size and surface finish having properties of water resistance, UV resistance, stain resistance, scratch resistance, abrasion resistance complying EN 438, including the cost of edging & underlayment (min 2 mm polyethylene / EVA), etc., complete in all respect as per approved specifications and as approved by the Engineer incharge. ii 12mm thick (AC5 - cycle>6000)	Sft	2,016.00	908.65		1,831,838.40
Ch-10 item 58	Providing, fixing and jointing 4" high Low VOC MDF Laminated Wooden Skirting of approved color and shade at walls including the cost of all fixing material and labour, complete in all respect as per specifications and design approved by the Engineer incharge.	Per/Rft	64.00	257.35		16,470.40
Ch-10 item 60-ii	Providing and laying Premium Quality Imported, Heavy Duty Carpet Tiles with standard backing and approved color, shade, size and conforming with Radiant Panel (ASTM E648 Class 1), Smoke Density (ASTM E662), Tuft bind (ASTM D1335), AACHEN dimensional stability (ITTS 004), Electrostatic propensity (AATCC 134 < 3.5 KV), Flammability (ASTM D 2859 Pill Test), Accelerated soiling (ASTM D 6540), CRI Green Label Plus Certified (GLP1740), End Use Classification (BS EN 1307 Class 33 Heavy Commercial) etc., i/c the cost of edging & fixing etc., complete in all respect as per approved specifications and as approved by the Engineer incharge.					-
	Floor ii Nylon Carpet Tile (100% Certified) (10mm)	Per/Sft	32,510.00	856.70		27,851,317.00
	Skirting ii Nylon Carpet Tile (100% Certified) (10mm)	Per/Sft	641.00	856.70		549,144.70
Ch-10 item- 49	Providing , fabrication and laying of customized required size and color Corian slab / Counter manufactured with approved quality acrylic polymer i/c thermal moulding, for seamless vanities / shelve i/c cost of fitting material, complete in all respect as per approved design and shape by the Engineer Incharge.					-
	ii) Corian ¾" Thick (17 mm)					-
	Vanities / Counters	Sft	335.00	4,507.05		1,509,861.75
Ch-10 item 48 (iii)	Providing and laying of specific thickness full width Prepolished Marble slab for Vanities / Shelves / Treads/Window Cills , having Uniform texture (Spotless) with adhesive bond over 3/4" thick (1:2) cement sand mortor i/c the cost of matching sealer complete in all respects as approved and directed by the Engineer Incharge					-
	(i) 3/4" thick Granite					-
	Thresholds	Sft	396.00	1,147.25		454,311.00
	Windows Sills	Sft	2,020.00	1,147.25		2,317,445.00
	Planter Top	Sft	126.00	1,147.25		144,553.50
Ch-10 item 48 (iv)	(ii) 1/2" thick, Granite					-
	Coridor Area etc.	Sft	2,346.00	958.25		2,248,054.50

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
Ch-10 item 50	Extra for Bevelling charges of marble edge in approved design complete in all respects i/c the cost of Carborandam disc as approved and directed by the Engineer Incharge.	Rft	3,739.00	39.90		149,186.10
Ch-10 item 51	Extra cost for making hole in Marble slab for fixtures, Sink, burners, basin Vanities i/c cost of bevelling of internal edge as approved and directed by the Engineer Incharge.	Each	47.00	980.70		46,092.90
Ch-10 item 53	Extra cost for making 3-Nos Grooves in Steps/Tread's complete in all respects, as approved by the Engineer incharge	Rft	3,739.00	12.10		45,241.90
Ch-10 item 42(a)	Providing and laying Tuff pavers, having 7000 PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to require slope . complete in all respect. (50% Grey / 50% Coloured) a) 50-mm thick	Sft	3,159.00	188.20		594,523.80
	Surface Rendering					-
CH:11 item-12(b)	Cement plaster ratio 1:3 under soffit of RCC Roof slabs only , upto 20' height. 3/8" (10 mm) thick. (ceiling plaster)	Sft	5,533.00	56.77		314,083.51
CH:11 item-9(b)	Cement plaster 1:4 on Internal walls upto 20' (6 m) height (b) 1/2" (13 mm) thick.	Sft	191,766.00	49.59		9,509,292.41
9(c)	20' (6 m)-30' (9 m) height	Sft	7,695.00	56.18		432,324.34
9(c)+29	50' (15 m)-60' (18 m) height	Sft	7,686.00	62.78		482,504.02
9(c)+29x2	60' (18 m)-70' (21 m) height	Sft	7,686.00	69.37		533,189.35
CH:11 item-9(c)	Cement plaster 1:4 on External walls upto 20' (6 m) height (c) 3/4" (20 mm) thick.					-
9(c)	20' (6 m) height	Sft	21,126.00	66.41		1,403,041.04
9(c)+29	20' (6 m)-30' (9 m) height	Sft	10,563.00	73.01		771,178.22
9(c)+29x2	30' (9 m)-40' (12 m) height	Sft	10,563.00	79.60		840,835.93
9(c)+29x2	40' (12 m)-50' (15 m) height	Sft	13,724.00	86.20		1,182,960.77
9(c)+29x2	50' (15 m)-60' (18 m) height	Sft	7,088.00	92.79		657,702.61
CH:11 item-43	Providing and Fixing MS Diamond Wire Mesh of 24 guage (6" Wide) for horizontal and vertical joints of concrete interfacing masonry with nails, washers etc., i/c cost of all type labour and material, as shown on drawings, as per spicifications, complete in all respects, , as approved and directed by the Engineer Incharge.	Rft	15,766.00	26.55		418,587.30
CH:11 item-45	Extra For making Grooves with Providing and fixing Aluminum Trim Size: 1/2" x 1/2" in external grooves i/c cost of scaffolding fixing at any height in any floor, with screw for fixing or so directed, on exterior face of building, complete in all respect, as per Specifications, as approved by the Engineer.	Rft	550.00	67.95		37,372.50
	Wood Work					-
Ch-12 item-5(b)-iii	Providing and fixing 1st class solid wood wrought joinery in panelled or panelled and glazed doors and windows of specified thickness with 1" thick solid wood panels with step and 1-1/2"x2-1/2" beadings all around the panels i/c the cost of Tower bolt and handles complete in all respect (Excluding the cost of sliding bolt,lock and chowkats (frame), etc.) as approved and directed by the Engineer Incharge					-
b) (iii)	b) Ash wood Door (iii) 1-1/2" thick (40 mm)	Sft	1,302.00	3,287.65		4,280,520.30
Ch-12 item-57(b)	Providing and fixing ornamental wooden architrave 3" x (1½" tapered to ¼") all along the door frame complete in all respect. d) Ash Wood Architrave 1st Class	Sft	2,604.00	183.80		478,615.20

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
CH:12 item-60(b)(i)	P/F 3/4" dia heavy duty sliding bolt of specified material i/c the cost of hardware complete in all respect as approved and directed by the Engineer Incharge.B) Brass i) 10" (250 mm) long	Each	33.00	1,058.50		34,930.50
Ch-12 item-62	Providing and fixing auotomatic hydraulic operated door closer imported heavy duty complete in all respect as approved and directed by the Engineer Incharge.	Each	33.00	5,027.00		165,891.00
Ch-12 item-63	Providing and fixing heavy duty 3 mm thick SS Plate, die-cast metal auotomatic hydraulic operated door stopper (Concealed floor hinge) embeded in floor i/c the cost of Top pivot hinge,hardware, cutting of floor and making it good complete in all respect as approved and directed by the Engineer Incharge.	Each	65.00	9,107.00		591,955.00
Ch-12 item 65	Providing and fixing of Bearing Hinges of 304 grade 3mm thick S.S finish fixing with grade 13 screws of approved quality & finish, including the cost of all accessories to complete the job and as per specification, complete in all respect, as approved and directed by the Engineer Incharge.	Each	130.00	1,027.20		133,536.00
Ch-12 Item 59	Providing and fixing box type Kitchen Cabinet consisting of 3/4"thick both side Laminated MDF sheet shutter and boxes and back of 3 mm thick laminated MDF sheet i/c the cost of PVC edge binding duly hot pressed on all edges of the shutters /panels etc., with machine i/c the cost of self closing blum type hinges S.S, handles, screws, Glue and rawal plugs, locking arrangement complete in all respect as approved and directed by Engineer Incharge.					-
	Lower Cabinet	Sft	235.00	1,651.30		388,055.50
	Upper Cabinet	Sft	201.00	1,651.30		331,911.30
	Painting & Varnishing					-
CH:13 item-5(c)	Preparing surface and painting of doors and windows any type (including edges):-					-
i)	first coat	Sft	868.00	19.97		17,334.39
ii) x 2	b) 2nd coat and 3rd coat	Sft	868.00	25.50		22,136.60
Ch-13 item-7(a)	French polishing complete:- a) on new work	Sft	868.00	81.98		71,162.11
Ch-13 item-44(i)	Preparing surface and Lacquar polish to reveal wooden grains by application of multiple coats of wood sealer , sand papering with different no of sandpapers and Lacquar to make glossy surface finish i/c the cost of cotton, thinner, wood sealer complete in all respects as approved and directed by the Engineer Incharge. (i) Matt Finish	Sft	868.00	270.90		235,141.20
CH:13 item-46	Providing and applying wall putty of 2mm thickness over plastered surfac (new surface) to prepare the surface even and smooth complete in all respect.	Sft	298,465.00	5.76		1,719,904.56
CH:13 item-31	Preparing surface and painting with Plastic Emulsion Paint:-					-
a)	first coat	Sft	298,465.00	17.92		5,347,298.94
b) x 2	2nd and 3rd coat	Sft	298,465.00	27.91		8,330,456.62
CH:13 item-33	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect: a) new surface:					-
i)	1st coat	Sft	13,724.00	50.06		687,064.61

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NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
ii)	2nd coat	Sft	13,724.00	27.63		379,125.50
CH:25 item 10	Fabrication of heavy steel work, with angle, tees, flat iron round iron and sheet iron for making trusses, girders, tanks, etc., including cutting, drilling, revitting, handling, assembling and fixing, but excluding erection in position. (Steel Ladder, etc.)	Kg	1,260.00	364.02		458,660.16
CH:25 item 11	Erection and fitting in position iron trusses, staging of water tanks, etc.	Kg	1,260.00	15.36		19,352.34
CH:25 Item-53	Providing and fixing Aluminum Fly screen comprising of Fiber / Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer / powder coated of size 1-1/2"x1/2" and 1.6mm thick with rubber gasket i/c cost of Hardwares as approved and directed by the engineer incharge. complete in all respect.	Sft	10,525.00	538.30		5,665,607.50
CH:25 item 58(ii)	Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge. (ii) 1/2" Squar Bars	Sft	21,050.00	1,180.30		24,845,315.00
CH:25 Item-70	Providing and fixing Automatic Sliding Glass Door consisting of 12 mm thick tempered glass Framed which consist of Automatic IR Sensor, glass Holder Clamp for 12mm glass high quality aluminium, sliding rail with motorized mechanism with remote control option including cost of all material, hardware, fittings accessories complete in all respect as per approved specifications and as approved by the Engineer incharge	Per Sft	101.00	7,886.15		796,501.15
CH:25 item-69	Providing and fixing 12 mm Tempered Glass Door frameless comprising of aluminium H-section (D48) at bottom, H-type S.S framless handles both side (approved), top pivot hinges, bottom concealed floor machine hinges, s.s patch fitting, D glass door lock (approved) and all the cost of using approved standard fittings, accessories etc., and hardware any required, as shown on drawings, complete in all respect as per Specifications, as approved by the Engineer.	Sft	974.00	2,184.75		2,127,946.50
CH:25 item 72	Providing and Fixing self adhesive Frosted Paper on specified glass in any shape, design / Pattern, i/c cost of pasting, complete in all respect as per approved specifications and as approved by the Engineer incharge.	Sft	974.00	132.60		129,152.40
CH:26 item 49	Providing and fixing 38mm (min) factory made Premium WPC Doors (waterproof, Termite-resistant, Fireretardant) of ESTA, Greendoors or approved equivalent with WPC door frame(chowkat) and WPC architrave on both sides, including the cost of polishing, with hinges, T-lock, tower bolt, handle & all hardware's accessories complete in all respect as per approved specifications and as approved by the Engineer incharge.					-
	ii) WPC Door 8mm wall thickness	Sft	1,302.00	3,472.85		4,521,650.70
	False Ceiling					-

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
Ch-9 item 48 (iv)	Providing and fixing false ceiling comprises of Gypsum board laminated sheet of size 2'x2'/2'x3'/ 3'x3'of specified design and thickness i/c cost of fixtures i.e galvanized angle 1" x 1" at wall sides, galvanized tee 1¼" x 1"and 1 ½" x 1" both at 4' c/c (made of Taiwan CKM or equivalent), hanging with G.I/Copper wire 16 SWG, G.I hook, Rawal Plug etc: complete in all respects as approved and directed by the Engineer Incharge. iv) 12 mm thick	Sft	3,980.00	183.20		729,136.00
Ch-9 item 49-ii	Providing and fixing Gypsum Board Ceiling / Bulkhead as per ASTM standard (C 1396) using sheet in size as specified, screwed (3.5mm x 25mm) to furring channel, including 0.5mm thick G.I wall angle (25 mmx25mm) along the perimeter of the ceiling, 0.5mm thick G.I furring channels,of 35 mm x 22 mm x 22mm, with lips of 10 mm, at 600mm c/c distance, fixed to 0.8mm thick primary G.I channels of (35 mm x 10 mm x 10mm) at 1200mm c/c distance, suspended from the soffit with 6mm adjustable threaded Screws fixed with steel expansion fasteners etc. with provision of ceiling fixtures, complete in all respects and as approved by the Engineer. All joints are sealed with premium quality fiberglass tape, joint filler, including rubbing, finishing complete in all respect. ii) Gypsum Board Size4'x8'x 12-mm thick	Sft	45,005.00	221.30		9,959,606.50
Ch-9 item 53-i	Providing and fixing Wooden False Ceiling of approved design which comprising of specified Mdf / Vineer board including wooden framing / hanging system as approved and making openings, grooves i/c polishing, matching color pvc edge binding and cost of all material and labour, complete in all respect as per approved specifications and as approved by the Engineer incharge.					-
	i. Low VOC Mdf Laminated Board	Sft	10559.1431	399.85		4,222,073.37
	Roofing / Waterproofing					-
Ch-26 item 38 (ii)	Supplying and laying polythene sheet over D.P.C. under floors and on roofs, etc. ii) 500 gauge (.005" thick)	Sft	44,930.00	11.80		530,174.00
Ch-10 item 14-a	Cement concrete tiles laid in 1:2 cement mortar, over 3/4" (20 mm) thick bed of cement mortar 1:2:- (a) 12"x12"x1" (300 x 300 x 25 mm)	Sft	1,050.00	217.85		228,741.45
Ch-9 item 46 a-(ii)	Providing and applying torch-on plain waterproofing bitumenous membrane of specified thickness (made of Roof-Grip / Euro Bit) duly lapped/connected by heating with Torch over ps-6 primer i/c preparation/smoothen the surface complete in all respect as approved and directed by the Engineer Incharge.ii) 4 mm thick	Sft	52,933.00	132.30		7,003,035.90

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
Ch-9 item 45 (c)	Providing and Laying Insulation material of Extruded Polystyrene XPS in Rigid Insulation / Foam Board on roof or walls, Density 32-38Kg/M, compressive strength 250-400 kpa, R-value 5 per inch thickness and water obsorption (1% by volume, cell structure clored cell) i/c cutting and placing in position. complete in all respect. c) 2" thick	Sft	44,930.00	101.02		4,538,648.88
Ch-9 item 18	Plain galvanized iron sheet flashing, 22 gauge.	Sft	1,843.00	407.45		750,930.35
CH:9 item-15	Khuras on roof 2'x2'x6" (600 x 600 x 150 mm)	Each	16.00	1,240.85		19,853.60
CH:9 item-16	Bottom Khuras of brick masonry in cement mortar 1:6, 4'x2'x4½" (1200x600x113 mm) over 3" (75 mm) cement concrete 1:4:8.	Each	16.00	2,399.30		38,388.80
NON-SCHEDULED ITEM						
	Flooring					-
	Provide heavy-commercial 100% wool broadloom carpet of scheduled colour and construction, stating pile mass, total thickness, backing, tuft/bond performance, dimensional stability, colourfastness, castor-chair suitability, static propensity, ASTM E648 Class I and applicable smoke performance. Include compatible 6 mm underlay, low-emitting adhesive where used, seam plan, power stretching, edge trims, subfloor moisture/flatness testing, approved room-size mock-up, protection and attic stock, complete under Section G. etc., complete in all respects, as per drawings and Specifications, as approved by The Engineer.					-
	Flooring	Sft	8,955.00	1,656.00		14,829,480.00
	Skirting / Dado	Sft	2,234.00	1,656.00		3,699,504.00
	Providing, laying and jointing Premium Quality Imported 18mm thick Solid Wooden Flooring (sustainable certification compliance) of approved colour, shade, size and surface finish having properties of water resistance, UV resistance, stain resistance, scratch resistance, abrasion resistance complying including the cost of edging & fixing etc, complete in all respect, as shown on drawings, as perSpecifications, as approved by The Engineer.	Sft	12,404.00	3,717.00		46,105,668.00
	Providing and laying, jointing of Solid Wood (Ash/Oak) skirting including cost of polishing, adhesives, screws etc., complete in all respects, as per drawings and Specifications, as approved by The Engineer.	Sft	453.00	938.70		425,231.10
	Providing and laying Prepolished Imported Granite of specified thickness and shade of full width of approved quality laid with adhesive bond over 3/4" thick (1:2) cement sand mortor bed complete in all respects, as per drawings and Specifications, as approved by The Engineer.					-
	(i) = Floor , (External Podium, Corridor Floor, Stair's Steps etc).	Sft	82,321.00	1,938.70		159,595,722.70
	(ii) = (External Step) (Riser) (External Podium, Corridor Floor, Stair's Steps etc).	Sft	2,346.00	1,938.70		4,548,190.20
	(a) - Tread's / Riser (Internal - Stair's Steps, Entrance Steps, Ramp's etc.)	Sft	3,041.00	1,938.70		5,895,586.70

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	(b) - Riser - Step.	Sft	1,028.00	1,938.70		1,992,983.60
	Attached Walls - Step.	Sft	198.00	1,938.70		383,862.60
	Design, supply and install a complete mechanically anchored granite cladding system using scheduled stone type, finished thickness and panel sizes; engineered stainless-steel anchors and support rails; calculated gravity, wind and seismic loads; anchor pull-out tests; movement joints; cavity drainage and flashings where external; back-up waterproofing where required; edge treatment, replacement method, elevation mock-up and records. Do not fill the cavity indiscriminately with PCC or use ordinary rawl bolts as the primary support. etc., as shown on drawings, complete in all respect as approved and directed by The Engineer. (Lift Walls)	Sft	4,614.00	2,358.70		10,883,041.80
	Providing and laying horizontal (approved size), Brass Strips), complete in all respects, as per drawings and Specifications, as approved by The Engineer.	Rft	24,696.00	1,070.40		26,434,598.40
	Providing and laying horizontal 1½" wide S.S strips), complete in all respects, as per drawings and Specifications, as approved by The Engineer.	Rft	1,050.00	926.40		972,720.00
	Aluminium Work					-
	Thermal Break Stick Curtain wall system Double Glazed glass 6+12+6 Designing, Supply, Fabrication and installation of Fix 4-Way Glazing Aluminum Windows, wall System using PVDF-coated aluminum profiles (thermal break), complying with EN 13830 and ASTM E330 in approved Color With GS Brackets, Fasteners, GS Anchor Bolts (Index / Fischer / Mungo), Weather sealant (Dow Corning / Glazeon / WSN / Sika) and EPDM Gasket with Double Glazed glass 6+12+6 Glass unit 6mm Low-E Imported Tempered Glass (Guardian or Eq) + 12mm DGU With Argon + 6mm clear local Tempered Glass Assembly U-Value as approved or given by the designer, Complete in all respect as per approved drawings, including all type of materials & labour component, with complete hardware accessory, and finish, as per the architectural drawings, as specified, as per the approved shop drawings and as directed / approved by the Engineer.	Sft	21,050.00	5,540.70		116,631,735.00
	Design and provide the complete entrance vestibule with engineered frame, laminated safety glazing, laminated overhead glazing with post-breakage retention, drained and flashed roof and base, movement joints, doors and hardware, accessible thresholds, weather seals and condensation control. Coordinate but separately identify power, controls, motion sensors and air curtain requirements with electrical and mechanical documents. State the payment boundary by completed wall, roof and door components rather than “top L × W.” Include calculations, mock-up, water test and commissioning.	Sft	962.00	9,384.00		9,027,408.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	Providing and fixing Aluminium Glazed Partition of powder coated/Anodized using extruded aluminium sections, frame system to include head, base and horizontaly & vertically mullions 4'c/c or as shown on drawings, i/c 8mm tempered glass edge polishing i/c the cost of tear resistance film,rubber gasket and hardware etc., with silicone joints, ensuring seamless and clean detailing. All materials and installation must conform to BS 6262 and local safety glazing standards , complete in all respects, as per specifications, as shown on drawings, as approved by The Engineer	Per Sft	4,092.00	2,691.00		11,011,572.00
	Providing and fixing 12 mm thick, Tempered Glass Railing, with anti-shatter film 125-micron and 2" dia S.S hand rail with 2" wide s.s blustrade and studs for fixing glass including the cost of standard fittings etc., and any hardware required, as shown on drawings, complete in all respect as per Specifications, as approved by The Engineer.	Per Sft	460.00	2,349.00		1,080,540.00
	Ceiling Works					-
	Providing and fixing, (NON PEROORATED ALUMINUM CLIKP IN 2' X 2' CEILING TILE), module 600 x 600 x 0.7mm with recommended adjustable suspension system i/c provision of extra framing for lights fittings a.c diffusers and around columns etc. i/c cost of all material and labour, complete in all respects, as per drawings and Specifications, as approved by The Engineer.	Sft	4,279.00	814.20		3,483,961.80
	Providing and installing decorative false ceiling comprising gypsum board and decorative CNC-cut wooden/MDF panels, including GI framework, suspension system, necessary supports, cutting, fabrication, fixing, jointing, joint treatment, surface preparation, and finishing, complete in all respects as per approved drawings, design, specifications, and instructions of the Engineer-in-Charge.	Sft	42,212.00	1,525.00		64,373,300.00
	Providing and fixing 4" thick Gypsum Board drywall partition with metal furring channel @ 2' C/C, 18 gauge, i/c 12.5mm gypsum board (confirming to ASTM 1396) on both sides and fill with insulating material (Rock wool or any other approved material) i/c cost of jointing compound, paper tape, corner angle bead, studs and tracks, as shown on drawings, as per specification, complete in all respects, and as per sample approved by The Engineer.	Sft	5,479.00	1,050.00		5,752,950.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Supply and Installation of wooden Soundproof door with all type of material,labour and polish work completed in all respects. Design, manufacture, supply and install the complete acoustic doorset—not leaf only—including engineered leaf construction and mass, frame, anchors, hinges, latch, closer, automatic drop seal, perimeter compression seals, acoustically treated threshold, meeting-stile seals for pairs, vision panel where scheduled and interfaces with the wall. Achieve the exact laboratory rating and field performance stated in the door/acoustic schedules; provide test evidence, factory fabrication, installation by the approved specialist, operational-cycle testing and field acoustic testing. Include fire rating only where separately scheduled and supported by a combined tested assembly.	Sft	202.00	18,205.70		3,677,551.40
	Supply, fabricate and install collapsible wooden panelled door, complete with solid timber frame, wooden panels, hinges, locking arrangement, handles, all necessary ironmongery, fittings and accessories, including surface preparation, polishing/painting, fixing and finishing, as per approved drawings and specifications, complete in all respects.	Sft	567	6000		3,402,000.00
	Providing and fixing of Industrial Insulated Acoustic Shutter 65-75 (Elephant Acoustic) Door as shown on drawings, including insulated-core leaves, matching frame and subframe, Inner & outer Steel Skin acoustic perimeter seals, automatic drop seals, acoustic felt, approved threshold, including cost of Heavy-Duty Top Rail , floor guide (Rollers), door stoppers, locking mechanism and other scheduled ironmongery, including all supports, fixings, anchoring, sealants, installation etc., in accordance with the approved shop drawings, complete in all respect, as per manufacturer's instructions, as per approved specifications and as approved by The Engineer.	Sft	416	18206		7,573,696.00
	Wood Work					-
	Providing and fixing Door Jamb Frame (Chowkat Frame) 1.5 mm Thick (16 Gauge), GI Powder Coated, Pre-Engineered & Double Cladded Frame, complete in all respects, as per drawings and Specifications, as approved by The Engineer.	Sft	1302	2625.3		3,418,140.60
	Providing and fixing Imported Mortise Lever Handle Lock (Machine, Cylinders, Lever Handles (Pair) of approved quality, design (premium series) & finish (Yale or approved equivalent) including the cost of all accessories to complete the job as shown on drawing and as per specification, complete in all respect, as approved by The Engineer. .	Each	33	34231.5		1,129,639.50

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Providing and fixing Hollow Metal Emergency Powder Coated with Mineral Core & 5mm wired tempered Vision Panel glass (Fire Rated 60-90 min), comprising of 2" hollow metal (18 swg) door leaf with mineral core infill, door seal, heavy duty ball hinges, finished with fire retardant paint, i/c panic push bar in side on each leaf, lever type handle out side, emegency release hydrulic closer's, intumesced seal's etc., including cost of door frame 16swg (width as per drawing), all accessories / hardware's as shown on drawings, as per manufacturer specification, Complete in all respect, as approved by The Engineer. NOTE = UL LISTED HOLLOW METAL DOOR POWDER COATED WITH MINERAL CORE & WIRED GLASS VISION PANEL WITH 5MM TEMPERED GLASS (FR 90 MIN.) WITH ALL THE NECESSARY FIRE RATED UL LISTED HARD WARE AND OTHER FIRE RATED ACCESSORIES PANIC PUSH BAR, SMOKE, SEAL ETC. (90 MIN)	Sft	235	9447.7		2,220,209.50
	Providing and fixing Hollow Metal Emergency Powder Coated with Mineral Core (Fire Rated 60-90 min), comprising of 2" hollow metal (18 swg) door leaf with mineral core infill, door seal, heavy duty ball hinges, finished with fire retardant paint, i/c panic push bar in side on each leaf, lever type handle out side, emegency release hydrulic closer's, intumesced seal's etc., including cost of door frame 16swg (width as per drawing), all accessories / hardware's as shown on drawings, as per manufacturer specification, Complete in all respect, as approved by The Engineer. *NOTE = UL LISTED HOLLOW METAL DOOR POWDER COATED WITH MINERAL CORE & WIRED GLASS VISION PANEL WITH 5MM TEMPERED GLASS (FR 90 MIN.) WITH ALL THE NECESSARY FIRE RATED UL LISTED HARD WARE AND OTHER FIRE RATED ACCESSORIES PANIC PUSH BAR, SMOKE, SEAL ETC. (90 MIN)*	Sft	903	7476.25		6,751,053.75
	Providing and fixing External Signage of building which comprising of 2" thick S.S and 16 swg Lettering bolted to facade including 1'-9" high Letters and 1'-3" high --- Letters i/c cost of all type of labour and material to finish the job, fixing at any floor and any height, as shown on the drawings, as per specification, Complete in all respects, as approved by The Engineer.					-
	BUILDING LETTER . CONVENTION HALL	Job	1	618750		618,750.00
	Providing and fixing 2'-9" high M.S Railing comprising of M.S Box pipe (2"x1"x16swg) railing welded with vertical posts of M.S Box pipe (1½"x1½"x16swg) @ 3-ft c/c or as shown on drawings with 7-nos of horizonal (1½"x1"x18swg) Box pipe fixed on vertical post as shown on drawing, i/c welding, fixing & enamel paint (3-coats), complete in all respects, as per drawings, specifications and as approved by The Engineer.	Rft	546	2425.95		1,324,568.70

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Providing and laying Sealant (Polyurethane Sealant) in joints at any floor and any height, complete in all respects, as per drawings and Specifications, as approved by The Engineer.	Rft	1843	1586.4		2,923,735.20
	Supply and Apply, (Polyurethane Based Coating with Fiber Reinforcement / Sikalastic 590), To supply and apply , single component, polyurethane-acrylic dispersion, resistant to water ponding, UV resistant, yellowish resistant, reflective coating, high elastic with excellent crack bridging and water vapour permeable waterproofing membrane with a solid content by weight of ~63%, tensile strength 1.7N/mm2 and elongation at break 360% as per ASTM D412 standard, behaviour after artificial weathering pass with 1000 hours UVA-340 as per ASTM G154 and Solar Reflectance Index at 100.9 (12W.m-2.K-1) in white colour as per ASTM E1980- 11; consisting of a primer coat at a rate of 0.3kg/m2 diluted with 10% water, first coat at a rate of 0.3kg/m2, once tack free applied second coat at a rate of 0.5kg/m2 then followed by Reemat Premium reinforcement or polyester fleece and sealed with a third coat at the rate of 0.5kg/m2 and finished with a forth final coat at the rate of 0.5kg/m2 onto laid to fall smooth (steel trowel) structural concrete slab; in accordance to the manufacturer's specification and recommendation., complete in all respects, as per drawings and Specifications, as approved by The Engineer.	Sft	44930	524.75		23,577,017.50
	supply and apply, (Cementitious Water Proofing / Sika Top 107) , 2-part polymer modified, approved for potable water, cementitious waterproof mortar slurry with a total consumption of 4.0 kg/m2 (2.0kg/m2/coat), including forming 25x25 mm SikaGrout angle fillet, all in accordance to the manufacturer's specification and recommendations, tested and classified acc. to BS EN 1504-2:2004, complete in all respects, as per drawings and Specifications, as approved by The Engineer.	Sft	44930	115.8		5,202,894.00
	NON-SCHEDULED ITEM					
	INTERNAL SIGNAGE					
	Providing and Fixing WS-2, Room Signage-1 (Wall Mounted) including all type of labour and material required to complete the job, as shown on drawings, as per specifications, manufacturer recommendations, as approved by The Engineer.	No.	90.00	7,190.55		647,149.50
	Providing and Fixing WS-4, Floor Level Signage (Wall Mounted) including all type of labour and material required to complete the job, as shown on drawings, as per specifications, manufacturer recommendations, as approved by The Engineer.	No.	25.00	7,190.55		179,763.75
	Providing and Fixing DS-1, Pictogram Signage (Door Mounted) including all type of labour and material required to complete the job, as shown on drawings, as per specifications, manufacturer recommendations, as approved by The Engineer.	No.	20.00	2,744.40		54,888.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Providing and Fixing FS-2, Directional Signage (Flag Type) including all type of labour and material required to complete the job, as shown on drawings, as per specifications, manufacturer recommendations, as approved by The Engineer.	No.	1.00	22,589.55		22,589.55
	Providing and Fixing CS-1, Over Head Signage Type-B (Ceiling Mounted) including all type of labour and material required to complete the job, as shown on drawings, as per specifications, manufacturer recommendations, as approved by The Engineer.	No.	1.00	22,446.00		22,446.00
	Providing and Fixing CS-1, Over Head Signage Type-C (Ceiling Mounted) including all type of labour and material required to complete the job, as shown on drawings, as per specifications, manufacturer recommendations, as approved by The Engineer.	No.	1.00	47,502.00		47,502.00
	NON-SCHEDULED ITEM					
	FIXED FURNITURE					
	Fixed Furniture					
	Providing, Making and fixing RECEPTION COUNTER DETAIL as per design and refer drawing (CCAC-CC-04- A741) which includes all hardware's and necessary fittings as shown or required for complete finish of work, complete in all respects as per Specifications, as shown on drawing and as approved by The Engineer.	Rft	15.00	48,000.00		720,000.00
	Providing, Making and fixing MAIN ENTRANCE LOBBY FEATURE WALL DETAIL-2 (Texture Paint, Imported Grantie, Cnc Wooden Cladding) etc. and refer drawing,) which includes all hardware's and necessary fittings as shown or required for complete finish of work, complete in all respects as per Specifications, as shown on drawing and as approved by The Engineer.	Sft	93,783.00	6,300.00		590,832,900.00
	Providing, Making and fixing MEDIA WALL DETAIL-01 (OFFICE / EXECUTIVE / OFFICE , BANQUET) which includes all hardware's and necessary fittings as shown or required for complete finish of work, complete in all respects as per Specifications, as shown on drawing and as approved by The Engineer.	Sft	31,388.00	2,850.00		89,455,800.00
	Providing and applying approved Texture Paint, including surface preparation, cleaning, crack/joint filling, sanding, approved primer/sealer and application of decorative texture finish of approved colour, pattern and texture, complete with all materials, labour, complete in all respects as per Specifications, as shown on drawing and as approved by The Engineer.	Sft	7,994.25	174.00		1,390,999.50
	Providing and Pasting of Vinyl paper with premium Quality UV Printing of approved design i/c cost of pasting, complete in all respect, as shown on drawings, as per specifications, as approved by The Engineer.	Sft	9,770.75	441.60		4,314,763.20
	Providing, Making and fixing, MEDIA WALLS as per design and refer drawing (,A-720) which includes all hardware's and necessary fittings as shown or required for complete finish of work, complete in all respects as per Specifications, as shown on drawing and as approved by The Engineer.	Sft	8,043.00	2,850.00		22,922,550.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Providing, Making and fixing, MEDIA WALLS as per design and refer drawing (,A-722) which includes all hardware's and necessary fittings as shown or required for complete finish of work, complete in all respects as per Specifications, as shown on drawing and as approved by The Engineer.	Sft	874.00	2,850.00		2,490,900.00
	Providing, Making and fixing, MEDIA WALLS as per design and refer drawing (,A-726) which includes all hardware's and necessary fittings as shown or required for complete finish of work, complete in all respects as per Specifications, as shown on drawing and as approved by The Engineer.	Sft	3,612.00	2,850.00		10,294,200.00
	Providing, Making and fixing, FEATURE WALLS as per design and refer drawing (,A-728) which includes all hardware's and necessary fittings as shown or required for complete finish of work, complete in all respects as per Specifications, as shown on drawing and as approved by The Engineer.	Sft	4,215.00	2,850.00		12,012,750.00
	Providing, Making and fixing, FEATURE WALLS as per design and refer drawing (,A-724) which includes all hardware's and necessary fittings as shown or required for complete finish of work, complete in all respects as per Specifications, as shown on drawing and as approved by The Engineer.	Sft	1,764.00	2,850.00		5,027,400.00
	ELECTRICALWORKS					
	SCHEDULE ITEM					
	Conduits & Pipes					
24/3	Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials.					
a)	Recessed in walls i/c making jharries					
iii	25 mm i/d	Per Rft.	178,150.00	140.15		24,967,722.50
iv	32 mm i/d	Per Rft.	480.00	167.10		80,208.00
v	40 mm i/d	Per Rft.	1,496.00	197.05		294,786.80
vi	50 mm i/d	Per Rft.	270.00	241.95		65,326.50
vii	80 mm i/d	Per Rft.	200.00	304.95		60,990.00
viii	100 mm i/d	Per Rft.	192.00	385.55		74,025.60
b)	On Surface i/c clamps					
iii	25 mm i/d	Per Rft.	1,430.00	86.05		123,051.50
	Conduit For Earthing Conductor					
24/3	Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials.					
vi	50 mm i/d	Per Rft.	6,816.00	241.95		1,649,131.20
23/14	Providing, laying, cutting, jointing, testing and disinfecting PVC/ uPVC pipe line with working pressure pipe, in trenches, including specials (PS-3051=BS-3505), complete in all respects:-					
b)	Class-D (12 bar)					
a)	2" i/d (50 mm)	Rft.	350.00	243.10		85,085.00
c)	4" i/d (100 mm)	Per Rft	450.00	856.25		385,312.50
e)	6" i/d (150 mm)	Per Rft	150.00	1,835.70		275,355.00
viii)	10"	Per Rft	250.00	2,770.60		692,650.00
24/4	Supply and erection of G.I. flexible pipe for wiring, including welding of sockets, nipples and check nuts, etc. complete:-					
iii	25 mm i/d	Per Rft.	672.00	283.30		190,377.60
iv	32 mm i/d	Per Rft.	250.00	329.80		82,450.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
v	40 mm i/d	Per Rft.	280.00	384.10		107,548.00
vi	50 mm i/d	Per Rft.	510.00	454.30		231,693.00
vii	80 mm i/d	Per Rft.	270.00	670.00		180,900.00
24/5	Supply and erection of PVC. flexible pipe for wiring, including check nuts, etc. complete:-					
i	20 mm	Per Rft.	1,264.00	48.95		61,872.80
ii	25 mm	Per Rft.	27,215.00	65.00		1,768,975.00
	Wiring Cables					
24/8	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only):-					
c)	450/750 volts, PVC insulated:					
ii)	1.5 mm sq (3/0.029")	Per Rft.	6,500.00	42.75		277,875.00
iii)	2.5 mm sq (7/0.029")	Per Rft.	381,560.00	63.10		24,076,436.00
iv)	4 mm sq (7/0.036")	Per Rft.	351,650.00	83.40		29,327,610.00
v)	6 mm sq (7/0.044")	Per Rft.	234,652.00	115.40		27,078,840.80
vi)	10 mm sq (7/0.052")	Per Rft.	19,523.00	182.30		3,559,042.90
vii)	16 mm sq (7/0.064")	Per Rft.	8,521.00	274.60		2,339,866.60
viii)	25 mm sq (19/0.052")	Per Rft.	1,265.00	362.60		458,689.00
ix)	35 mm sq (19/0.064")	Per Rft.	2,754.00	489.60		1,348,358.40
x)	50 mm sq (19/0.072")	Per Rft.	1,755.00	655.90		1,151,104.50
xi)	70 mm sq (19/0.083")	Per Rft.	1,545.00	932.85		1,441,253.25
xii)	95 mm sq (37/0.072")	Per Rft.	965.00	1,252.25		1,208,421.25
xiii)	120 mm sq (37/0.083")	Per Rft.	2,788.00	1,480.20		4,126,797.60
xiv)	150 mm sq (37/0.093")	Per Rft.	1,336.00	1,821.90		2,434,058.40
xv)	185 mm sq (37/0.103")	Per Rft.	2,847.00	2,276.30		6,480,626.10
xvi)	240 mm sq (37/0.114")	Per Rft.	1,792.00	2,948.00		5,282,816.00
24/11	Supply and erection of PVC insulated, PVC sheathed copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc. (rate for cable only).					
	c) Four core, 600/1000 volt non armoured cable:-					
vi)	10 mm (7/0.052")	Per Rft.	620.00	621.90		385,578.00
24/12	Supply and erection of XLPE insulated, PVC sheathed copper conductor, 600/1000 volts grade cable, in prelaid G.I. pipe/M.S. conduits/PVC pipe/G.I. wire/trenches, etc (rate for cable only):-					
	a) Single core (Non-armoured)					
xiii)	240 mm sq (37/0.114")	Per Rft.	2,000.00	3,274.50		6,549,000.00
xiv)	300 mm sq (61/0.099")	Per Rft.	1,500.00	4,042.05		6,063,075.00
xv)	400 mm sq (61/0.114")	Per Rft.	600.00	5,206.20		3,123,720.00
xvii)	630 mm sq (127/0.093")	Per Rft.	1,400.00	8,426.80		11,797,520.00
	b) Four Core (Non-armoured)					
iii)	6 mm (7/0.044")	Per Rft.	8,520.00	428.40		3,649,968.00
iv)	10 mm (7/0.052")	Per Rft.	19,650.00	677.55		13,313,857.50
v)	16 mm sq (7/0.064")	Per Rft.	7,565.00	1,069.40		8,090,011.00
vi)	25 mm (19/0.052")	Per Rft.	2,150.00	1,394.40		2,997,960.00
vii)	35 mm sq (19/0.064")	Per Rft.	1,910.00	1,900.40		3,629,764.00
viii)	50 mm sq (19/0.072")	Per Rft.	1,165.00	2,549.05		2,969,643.25
ix)	70 mm sq (19/0.083")	Per Rft.	1,250.00	3,667.25		4,584,062.50
x)	95 mm sq (37/0.072")	Per Rft.	215.00	5,045.80		1,084,847.00
xi)	120 mm sq (37/0.083")	Per Rft.	540.00	6,348.60		3,428,244.00
xii)	150 mm sq (37/0.093")	Per Rft.	965.00	6,945.65		6,702,552.25
xiii)	185 mm sq (37/0.103")	Per Rft.	865.00	7,815.65		6,760,537.25
xiv)	240 mm sq (37/0.114")	Per Rft.	351.00	12,805.90		4,494,870.90
xv)	300 mm sq (61/0.099")	Per Rft.	547.00	16,029.05		8,767,890.35
	LV Switchgears					

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
24/85	Supplying, Installation and commissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / SIEMEN GERMAN/ TERASAKI JAPAN/ ABB SWITZERLAND in prelaid DBs and Panels i/c the cost of screwes,necessary wire complete in all respect as approved and directed by the Engineer Incharge					
a)-ii	Single Pole 6-40 Amp (6 KA)	Each	21.00	1,177.80		24,733.80
a)-iii	Single Pole 6-63 Amp (10 KA)	Each	1,252.00	1,459.05		1,826,730.60
b)-iii	Double Pole 6-63 Amp (10 KA)	Each	9.00	5,621.55		50,593.95
c)-iii	Triple Pole 6-63 Amp (10 KA)	Each	4.00	8,938.60		35,754.40
24/86	Supplying ,Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/ SIEMEN/ ABB SWITZERLAND (with fixed Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.					
a)-ii	Triple Pole 15-100 Amp (10 KA,15KA)	Each	18.00	11,835.45		213,038.10
a)-iii	Triple Pole 15-100 Amp(18 KA)	Each	14.00	12,172.95		170,421.30
a)-iv	Triple Pole 125-250 Amp(18 KA)	Each	22.00	25,166.70		553,667.40
24/87	Supplying, Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/ABB SWITZERL(with adjustable Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.					
a)	Triple Pole With Adjustable Thermal-Magnetic Trip /Electronic Trip (60-100%)					
i)	25-100 Amp(25 KA)	Each	120.00	14,916.00		1,789,920.00
ii)	125-400 Amp(25 KA)	Each	51.00	56,466.75		2,879,804.25
vi)	300-1000 Amp(36 KA)	Each	22.00	151,941.00		3,342,702.00
24/90	P/F wall mounted DB (Distribution Board) made with 16SWG Sheet (Recessed/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights, Thimble, Copper Comb, Wiring, Neutral & Earth Bar, Door Earthing, Digital Voltmeter, Digital Ammeter, Volt Selector Switch, Ammeter selector switch, Current Transformers and Controls Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately).					
a i)	6" deep 20~60A	P.Cft	250.00	24,283.05		6,070,762.50
a ii)	6" deep 75~100A	P.Cft	195.00	18,641.05		3,635,004.75
b i)	12" deep 125~150A	P.Cft	356.00	7,011.65		2,496,147.40

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
24/91	P/F floor mounted Electric Panel board of required depth and size, fabricated with 14SWG M.S sheet (Indoor/Outdoor Type),derusting, zinc Phosphated, finish with electro static powder coating in approved colour i/c the cost of capacitor trip unit over current, Lock, Indication lights, Brass glands, Netural & Earth bar, Digital volt meter/ Amp meter, Selector switch's, Current Transformers, Controls, Channels, Copper bus bars of specified capacity ,Door Earthing, complete in all respects as approved and directed by the Engineer Incharge (Breakers will be Paid Separately).					
	1. LT Switchboards					
i)	2.5 Ft deep 250~600A	P.Cft	1,125.00	4,772.65		5,369,231.25
	Compact Copper Busway (Bus Tie Duct B.T.D)					
24/95	Suplying,Installation,testing and commissioning of 415-Volt ,5 Pole (TP+N+E) compact Copper Busway (Bus Tie Duct B.T.D) of specified size/rating comprising of 10 mm thick sandwich copper Bus bars, insulated with non-flammable/flame resistant resin applied at 130 OC by Automatic Electro-static application with Mayler Class-B, housed in Aluminum Housing i/c the cost of hangers, accessories, enclosures IP55, IEC 61439-1,complete in all respect, spaced to a minimum reducing reactance as approved & directed by the Engineer Incharge.					
x)	3600 Amp	P.Rft	50.00	151,071.00		7,553,550.00
xiii)	5000 Amp	P.Rft	70.00	209,351.00		14,654,570.00
24/96	Suplying,Installation,testing and commissioning of 415-Volt ,5 Pole (TP+N+E) compact joint modules for Copper Busway (Bus Tie Duct B.T.D) of specified size/rating comprising of 10 mm thick copper Bus bars, insulated with non-flammable/flame resistant resin applied at 130 OC by Automatic Electro-static application/with epoxy coated insulation with Mayler Class-B, housed in Aluminum Housing i/c the cost of, accessories, enclosures IP55, IEC 61439-1, complete in all respect, as approved & directed by the Engineer Incharge.					
	a) Flange End					
iv)	2500-3200 Amp	Each	4.00	92,972.50		371,890.00
vi)	4250-6300 Amp	Each	4.00	141,911.50		567,646.00
	b) Elbow 90 degree					
iv)	2500-3200 Amp	Each	12.00	103,470.50		1,241,646.00
v)	4000-6300 Amp	Each	12.00	140,633.75		1,687,605.00
	d) Flexible Connector					
iv)	2500-3200 Amp	Each	2.00	456,429.00		912,858.00
iii)	6300 Amp	Each	2.00	769,135.70		1,538,271.40
	e) 4 pole TAP OFF Units i/c the cost of, circuit breakers					
i)	400 Amp (50 KA)	Each	6.00	373,855.95		2,243,135.70
ii)	630-800 Amp (50 KA)	Each	6.00	652,089.55		3,912,537.30
iii)	1000-1250 Amp (50 KA)	Each	6.00	760,510.45		4,563,062.70
iv)	1600-2000 Amp (50 KA)	Each	6.00	1,031,510.80		6,189,064.80
	Cable Tray & Ladder					

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
24/97	Providing and fixing specified deep cable tray with straight flange fabricated with perforated G.I. Sheet of specified Guage, size and depth duly wall supported/ceiling hung on painted brackets of MS angle iron of 1"x1"x1/8" and MS Patti of 1-1/2"x3/16" size @ 5 ft C/C, hangers i/c the cost of hardwares as approved and directed by the Engineer Incharge.					
	a) 16SWG					
	3" deep					
ii)	6"x3"	Per Rft.	250.00	663.15		165,787.50
24/98	Providing and fixing 4" deep cable tray with straight flange fabricated with perforated G.I. Sheet of specified Guage, size and depth duly wall supported/ceiling hung, supported on painted brackets of MS angle iron of 1-1/2"x1-1/2"x3/16" and MS Patti of 1-1/2"x3/16" size @ 5 ft C/C, hangers i/c the cost of hardwares as approved and directed by the Engineer In charge.					
	a) 16SWG					
i)	4"x4"	Per Rft.	650.00	672.40		437,060.00
ii)	9"x4"	Per Rft.	750.00	929.55		697,162.50
24/99	Providing and fixing cable tray with straight flange fabricated with perforated G.I. Sheet of specified Guage, size and depth duly supported on painted brackets of MS angle iron of 1-1/2"x1-1/2"x3/16" and MS Patti of 1-1/2"x3/16" size @ 3 ft C/C, hangers i/c the cost of hardwares as approved and directed by the Engineer In charge					
	a) 14SWG					
i)	12"x4"	Per Rft.	328.00	1,307.35		428,810.80
iii)	16"x4"	Per Rft.	710.00	1,471.10		1,044,481.00
iv)	20"x4"	Per Rft.	1,816.00	1,711.80		3,108,628.80
v)	24"x4"	Per Rft.	745.00	1,753.45		1,306,320.25
viii)	35"x4"	Per Rft.	110.00	2,436.90		268,059.00
24/100	Providing and fixing screwless cable tray cover fabricated with 18 SWG G.I. Sheet of required size i/c the cost of hardware as approved and directed by the Engineer In charge.					
ii)	4" wide	Per Rft.	650.00	117.95		76,667.50
v)	10" wide	Per Rft.	1,000.00	223.80		223,800.00
vi)	12" wide	Per Rft.	328.00	253.95		83,295.60
vii)	16" wide	Per Rft.	710.00	318.00		225,780.00
viii)	20" wide	Per Rft.	1,816.00	380.20		690,443.20
ix)	24" wide	Per Rft.	745.00	455.90		339,645.50
xii)	35" wide	Per Rft.	110.00	975.75		107,332.50
24/101	Providing and fixing hot dipped Galvanized Cable Ladder fabricated with side channels of specified size and guage duly fixed with rungs of 35x15 mm run @ 10"C/C i/c the cost of coupler plates (1-1/4"x8") and hardwares as approved and directed by the Engineer In charge.					
	III-Side Channel (4"x1/2")					
	f) 14SWG					
v)	18"x4"	Per Rft.	110.00	666.50		73,315.00
vi)	24"x4"	Per Rft.	160.00	701.15		112,184.00
	Exhaust Fans					
24/102	Providing and fixing Copper winded Exhaust fan with louver and shutter made of Pak/Younas/G.F.C. i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge.					
	(a) Plastic body					

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
ii)	12" dia	Each	10.00	5,685.50		56,855.00
	Bracket Fans					
24/103	Providing and fixing Pakistan Energy Label NEECA approved Copper winded wall bracket Fan i/c the cost of necessary cable and hardware for connection as approved and directed by Engineer Incharge.					
i)	18" sweep	Each	20.00	6,861.15		137,223.00
	Ceiling Fans					
24/104	Providing and fixing Pakistan Energy Label NEECA approved Copper winded Ceiling Fan i/c the cost of necessary cable and hardware for connection as approved and directed by Engineer Incharge.					
iii)	56" dia	Each	10.00	10,180.20		101,802.00
	Wiring Accessories					
24/105	P/F PVC double layer Switch kit Faceplate with specified switch holes i/c the cost of switches / sockets / dimmer made of Legrand/ ABB / Schneider or approved equivalent manufacturer, screws complete in all respect, as approved and directed by the Engineer In charge.					
a)	One way Gange Switch Small					
i)	01 Gange	Each	135.00	463.20		62,532.00
ii)	02 Gange	Each	169.00	704.40		119,043.60
iii)	03 Gange	Each	170.00	888.00		150,960.00
iv)	Three pin Light Plug 10/13 Amp	Each	878.00	754.45		662,407.10
vi)	Fan Dimmer	Each	2.00	740.60		1,481.20
viii)	Three Pin Power Plug 15-32 Amp	Each	164.00	924.55		151,626.20
ix)	20 A Double Pole Switch.	Each	10.00	2,660.10		26,601.00
b)	One way Gange Switch Large					
i)	04 Gange	Each	172.00	981.25		168,775.00
ii)	05 Gange	Each	65.00	1,151.35		74,837.75
iii)	06 Gange	Each	55.00	1,405.85		77,321.75
c)	Two way Gange Switch Small					
i)	01 Gange One way/Two Way	Each	29.00	499.90		14,497.10
ii)	02 Gange One way/Two Way	Each	23.00	775.85		17,844.55
d)	Industrial Socket IP-65 with maching plug.					
	1) Three pin, single phase					
ii)	32A	Each	66.00	3,243.10		214,044.60
iii)	63A	Each	12.00	13,614.70		163,376.40
	2) Five pin, Three Phase					
ii)	32A	Each	2.00	3,497.35		6,994.70
iii)	63A	Each	2.00	15,179.35		30,358.70
	3) Three pin, Single Phase Plug					
ii)	32A	Each	66.00	2,279.65		150,456.90
iii)	63A	Each	12.00	8,651.65		103,819.80
	4) Five pin, Three Phase Plug					
ii)	32A	Each	2.00	2,457.25		4,914.50
iii)	63A	Each	2.00	9,359.65		18,719.30
24/106	Supply, installation, testing & commissioning of 16 SWG Sheet Steel powder coated back Boxes with earth terminal, recessed in wall, including accessories, , complete in all respect as per specifications and s approved by Engineer In charge.					
i)	Small 3"x3"	Each	1,310.00	438.80		574,828.00
ii)	Large 6"x3"	Each	374.00	702.80		262,847.20
24/109	Providing and fixing of Isolators indoor/Outdoor Type, in polycarbonate enclosure (Legrand/ ABB/ Schneider or approved equivalent with Phase, neutral and earth terminal strips, cable glands, lugs including all mounting accessories as per specification. complete in all respect.					
a)	SPN					
iii)	25A	Each	10.00	4,686.80		46,868.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
b)	TPN					
iii)	25A	Each	8.00	5,858.50		46,868.00
iv)	32A	Each	12.00	6,157.75		73,893.00
v)	40A	Each	5.00	6,382.75		31,913.75
vi)	63A	Each	21.00	10,283.15		215,946.15
vii)	100A	Each	2.00	49,183.60		98,367.20
viii)	125A	Each	1.00	89,409.50		89,409.50
x)	200A	Each	1.00	184,059.15		184,059.15
xii)	300A	Each	1.00	540,692.00		540,692.00
xiii)	400A	Each	1.00	767,104.90		767,104.90
xiv))	500A	Each	1.00	805,426.90		805,426.90
xv)	630A	Each	1.00	843,748.90		843,748.90
xvi)	800A	Each	1.00	920,659.80		920,659.80
	Floor Outlet Box					
24/116	Supplying and fixing of floor outlet box 12"x12" of 16 SWG powder coated, complete in all respect as directed by the Engineer Incharge.	No.	35.00	6,092.00		213,220.00
	Earthing Conductor					
24/120	Supply, installation, testing & commissioning of complete grounding system.					
vii)	50 mm² CU bare conductor	Per Rft.	210.00	614.60		129,066.00
viii)	70 mm² CU bare conductor	Per Rft.	180.00	873.45		157,221.00
ix)	95 mm² CU bare conductor	Per Rft.	1,070.00	1,206.95		1,291,436.50
	Smart Energy Meter Cabling					-
24/174	Supply, Installation and commissioning of wiring for Signals RS 485, Shielded Copper Cable , in prelaid conduit . Make 3M / Belden, or equivalent as approved and directed by the Engineer Incharges.	Per Rft.	2,210.00	80.70		178,347.00
24/123	Supply, Installation and commissioning of wiring with 4-pair data Cable,23 AWG support 1 Giga @ 250 Mhz upto 100 meter UL/EN listed cable conforming IEEE 802.3 or equivalent, in prelaid conduit / cable tray from including all accessories, Make: Schneider / i-connect UK/3M Corning USA, complete in all respect as approved and directed by Engineer Incharge.					
	23 AWG UTP (Unshielded Twisted pair)					
a (i)	CAT-6 (Min.1G @ 250MHz or higher)	Per Rft.	2,450.00	49.20		120,540.00
24/175	Supply, Installation and commissioning of wiring with specified Fire Resistant Shielded Cable (Fire Rating for 2 hours) of required size from respective DB to Fire Alarm FACP (Fire Alarm Controle Panel) in prelaid conduit/duct. Make Pony / Belden/ Covican (Italy) or equilvent as approved and directed by the Engineer Incharge.					
i)	2C,1.5 mm sq	Per Rft.	3,510.00	134.70		472,797.00
NON SCHEDULE ITEM						
	Lighting Fixtures					
	Supply, installation, testing & commissioning of following LED Light fixtures complete with Electronic ballast (unless mention otherwise), lamps, lamp holders, Earth Protection and mounting accessories etc., as per specification, complete in all respects, as per drawings and Technical Specification "Section-E-6 Lighting Fixtures", complete in all respect. Lighting fixtures sample must be submitted to consultant for approval. PF> 0.9, CRI>80, Light Color 2500K to 5000K as Approved by The Engineer/Architect. Operating Life 50,000hrs, IEC Certified. Note: Refer light fixtures drawings/Schedule for complete light fixtures details.					

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	SMART LED Lighting panel recessed type (2'x2') 36 watt	Each	20.00	14,039.00		280,780.00
	Smart LED suspended/ batten fitting 36 Watt	Each	20.00	17,112.00		342,240.00
	Decorative smart LED hanging suspended fitting 36 IP67/65, 110 Lumens/watt.	Each	400.00	23,235.00		9,294,000.00
	LED Linear lighting panel recessed type (4"x4') 36 watt, 110 Lumens/watt.	Each	75.00	30,162.00		2,262,150.00
	SMART LED down light recessed type 18 watt	Each	50.00	7,259.00		362,950.00
	SMART LED down light surface type 18 watt	Each	10.00	7,259.00		72,590.00
	Smart LED Wall Mount Roof External 24 WATT IP 66 / 65	Each	100.00	24,942.00		2,494,200.00
	Customized design recessed LED linear light with aluminum profile for ceiling 10/30 watt. Dimmable	Per Rft.	1,500.00	5,368.00		8,052,000.00
	Bath Mirror fancy Bath light 20 watt.	Each	50.00	9,282.00		464,100.00
	Photo Frame light/Picture Light 5-10 watt.	Each	40.00	10,653.00		426,120.00
	LED Flood Light 50 Watt (IP67/ 65) efficiency 125 Lumens/watt.	Each	20.00	9,674.00		193,480.00
	LED light 5 Watt for Tree / Planter IP 67 / 65	Each	150.00	12,610.00		1,891,500.00
	Wall Washer Up/Down Light 20 Watt IP 65. Dimmable	No.	350.00	68,007.00		23,802,450.00
	Stairs Step light 3W/5W LED Light Fixture IP-66	No.	100.00	7,586.00		758,600.00
	LED Up light GROUND flushed 15 WATT IP 65.	No.	300.00	22,332.00		6,699,600.00
	Chandelier (As Per Vendor/Architect)(Basic Rate = 350,000/-)	Each	20.00	473,732.00		9,474,640.00
	Chandelier (As Per Vendor/Architect)(Basic Rate = 6,500,000/-)	Each	1.00	8,516,465.00		8,516,465.00
	LED Wall bracket light 14 WATT.	Each	100.00	13,197.00		1,319,700.00
	LED hanging Ringo light fixture 20 watt.	Each	10.00	85,994.00		859,940.00
	Surface/Pendant mounted LED High Bay light type 100 watt	Each	30.00	22,342.00		670,260.00
	Surface/Pendant mounted LED High Bay light type 150 watt	Each	30.00	25,001.00		750,030.00
	Track light with 3 x 12 watt LED.Dimmable	Each	150.00	59,721.00		8,958,150.00
	LED double COB ceiling light 20-30 watt each. Dimmable	Each	750.00	62,787.00		47,090,250.00
	Supply, installation, testing and commissioning of Neon flexible rope diffused light, rated at 5 Watts per meter, enclosed in a UV-resistant silicone tube with minimum IP22 ingress protection, complete with required LED drivers, connectors, end caps, mounting accessories, and continuous aluminum/metal backing support strip for straight-line installation, including all necessary accessories and associated works, complete in all respects and as required for proper operation.	Per Rft.	3,000.00	1,431.00		4,293,000.00
	Supply, installation, testing and commissioning of 150W LED Focus Light, including water proof junction box IP-688 complete with minimum IP65/IP67 protection, 3000K warm white colour temperature, suitable for outdoor architectural, façade, landscape and feature lighting applications, with high-efficiency LED source, integral LED driver, corrosion-resistant die-cast aluminum housing, tempered toughened glass front cover, narrow/medium beam optical lens, adjustable mounting bracket, complete with cable gland, connectors, fixing accessories and all necessary accessories, as required for a complete and operational installation.	No.	40.00	29,575.00		1,183,000.00
	Self Contained Emergency Light					

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Supply installation, connecting, testing & commissioning up of following: NON maintained (3hrs) type rechargeable battery operated Emergency lighting fixtures including all required suspension and mounting accessories with self adhesive pictograms as follows complete with ballast, starter p.f.i capacitor and specified lamps, as per specification, complete in all respects, as per drawings and specification, complete in all respect. IEC certified, UL listed Warranty: 50000 operating life hrs.					
	Self contained recessed ceiling / wall mounted Emergency LED light fixture rectangular/ round shape (non maintained) with 1x5W or 1x8W LED 3 hours battery backup.	Each	150.00	23,702.00		3,555,300.00
	Exit Lighting					
	Supply installation, connecting, testing & commissioning up of following: maintained (3hrs) type rechargeable Nicad battery operated Exit lighting fixtures including all required suspension and mounting accessories with self adhesive pictograms as follows complete with ballast, starter p.f.i capacitor and specified lamps, as per specification, complete in all respects, as per drawings and specification, complete in all respect. IEC certified, UL listed.					
	Ceiling/ wall Mounted Emergency Exit Sign Fire Proof in Green Color with 5W/8W LED, including Battery Backup(3 hours) and Directional Arrow.	Each	130.00	25,595.00		3,327,350.00
	L.V. Distribution Boards					
	Supply, installation, testing and commissioning of following LV Panels and Distribution Boards made with 14/16 SWG sheet steel housing (14 SWG for floor standing & 16 SWG for wall mounted) with approved color and having specified circuit breakers as shown on drawing. (Refer Single Line Diagram)					
	Supply, Installation, testing & commissioning of following Free Standing Floor Mounted/ wall mounted totally Enclosed, Cubical type, Low Voltage Panel (LV Panel) with Incoming and Outgoing Circuit Breakers and other components as per SLD with cable terminations. made with 14 SWG sheet metal housing powder coated with approved color, (As per specifications), incoming and outgoing cables, as per drawing. Complete in all respects. BMS/IBMS integration through modus/BACnet (open protocols) via TCP/IP along with all necessary required hardware, accessories and wiring for proper funtion & operation (as required).					
	MDB-01(Electrical & IT) (Motorized Controls & required hardware for IBMS Integration on Incoming Breaker)	Each	7.00	9,992,456.00		69,947,192.00
	GF-HVAC-01 (Motorized Controls & required hardware for IBMS Integration on Incoming Breaker)	Each	1.00	3,359,521.00		3,359,521.00
	GF-HVAC-02 (Motorized Controls & required hardware for IBMS Integration on Incoming Breaker)	Each	1.00	3,530,008.00		3,530,008.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	FF-HVAC-01 (Motorized Controls & required hardware for IBMS Integration on Incoming Breaker)	Each	1.00	1,889,577.00		1,889,577.00
	FF-HVAC-02 (Motorized Controls & required hardware for IBMS Integration on Incoming Breaker)	Each	1.00	2,657,164.00		2,657,164.00
	MF-HVAC-01 (Motorized Controls & required hardware for IBMS Integration on Incoming Breaker)	Each	1.00	13,525,214.00		13,525,214.00
	SMDB-01-05 (Motorized Controls & required hardware for IBMS Integration on Incoming Breaker)	Each	5.00	4,848,075.00		24,240,375.00
	Switchgear Components					
	Supply & installation, testing & commissioning of surge protection device to be installed in DB's/SMDB with wiring cable, complete in all respects.					
	Surge protection device type-II	Each	40.00	176,323.00		7,052,920.00
	Surge protection device type-III	Each	54.00	176,323.00		9,521,442.00
	Supply & installation, testing & commissioning of Energy Analyzer to be installed in DB's/SMDB with wiring cable, complete in all respects.	Each	15.00	73,385.00		1,100,775.00
	Wiring Accessories					
	Supply, installation, testing & commissioning of following 10/13/15/20A, gang switches, Sockets including 16 SWG Sheet Steel powder coated back Boxes with earth terminal, recessed in wall, with all accessories. as per drawings and specification, complete in all respect.as per specification.					
	Table Top Epic Organizer with following outlet (2 No. 13A Schuko, 1-3 Pin Universal Switch Socket, 1 No. Dual RJ-45 Outlet for Voice & Data)	No.	550.00	30,067.00		16,536,850.00
	UPS System					-
	Providing, Installing, testing & commissioning of True Online Double Conversion UPS rating 100 kVA three Phase in, three Phase out, input power factor (1.0 PF) with 10 minutes battery backup, external By-pass and all accessories as per specification & drawings, complete in all respect. True Online Double Conversion Pure sine wave Microcontroller based. Certification: CB, ROHS,WEEE Performance, EM Compliance. Input voltage : 415 V AC Input frequency : 50 Hz Output voltage : 415 Volts Three Phase IN & Three Phase Out Output p.f : 1.0 (Built in PFC) Batteries : Dry Sealed Maintenance Free Voltage Regulated 5 years with Fire rated DC cables Overload 110 % for 10 min Capacity : 125% for 1 min Operating Temp : 0 to 40 degC	Each	2.00	12,572,064.00		25,144,128.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Providing, Installing, testing & commissioning of True Online Double Conversion UPS rating 50 kVA three Phase in, three Phase out, input power factor (1.0 PF) with 10 minutes battery backup, external By-pass and all accessories as per specification & drawings, complete in all respect. True Online Double Conversion Pure sine wave Microcontroller based. Certification: CB, ROHS,WEEE Performance, EM Compliance. Input voltage : 415 V AC Input frequency : 50 Hz Output voltage : 415 Volts Three Phase IN & Three Phase Out Output p.f : 1.0 (Built in PFC) Batteries : Dry Sealed Maintenance Free Voltage Regulated 5 years with Fire rated DC cables Overload 110 % for 10 min Capacity : 125% for 1 min Operating Temp : 0 to 40 degC Mounting : Cabinet Mounting User friendly LCD display for real time UPS status Cold start of load	Each	1.00	6,435,718.00		6,435,718.00
	Providing, Installing, testing & commissioning of True Online Double Conversion UPS rating 20 kVA three Phase in, three Phase out, input power factor (1.0 PF) with 10 minutes battery backup, external By-pass and all accessories as per specification & drawings, complete in all respect. True Online Double Conversion Pure sine wave Microcontroller based. Certification: CB, ROHS,WEEE Performance, EM Compliance. Input voltage : 415 V AC Input frequency : 50 Hz Output voltage : 415 Volts Three Phase IN & Three Phase Out Output p.f : 1.0 (Built in PFC) Batteries : Dry Sealed Maintenance Free Voltage Regulated 5 years with Fire rated DC cables Overload 110 % for 10 min Capacity : 125% for 1 min Operating Temp : 0 to 40 degC Mounting : Cabinet Mounting User friendly LCD	Each	10.00	2,985,910.00		29,859,100.00
	Providing, Installing, testing & commissioning of True Online Double Conversion UPS rating 10 kVA three Phase in, three Phase out, input power factor (1.0 PF) with 10 minutes battery backup, external By-pass and all accessories as per specification & drawings, complete in all respect. True Online Double Conversion Pure sine wave Microcontroller based. Certification: CB, ROHS,WEEE Performance, EM Compliance. Input voltage : 415 V AC Input frequency : 50 Hz Output voltage : 415 Volts Three Phase IN & Three Phase Out Output p.f : 1.0 (Built in PFC) Batteries : Dry Sealed Maintenance Free Voltage Regulated 5 years with Fire rated DC cables Overload 110 % for 10 min Capacity : 125% for 1 min Operating Temp : 0 to 40 degC Mounting : Cabinet Mounting User	Each	1.00	2,454,374.00		2,454,374.00
	Supply & Installation Testing & Commissioning of line intractive 1KVA UPS 30 Minutes Back-up, Complete in al respects (For ELV Systesms & Servers).	Each	7.00	202,110.00		1,414,770.00
	Lightning Protection System					-

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Supply, installation, testing and commissioning of Early Streamer Emission (ESE) having following specifications: Type : Generation 2 or Equivalent Certification: UL Certified, Bureau Veritas, CE Marking or equivalent Reaction time : 40 - 50 micro seconds Maximum Discharge Rating : 180 to 200 kA Material : Stainless Steel or as per manufacturer's specifications Length : 400mm or as per manufacturer's specifications Level of Protection: Level 1&2 Protection Radius : 70-79 m	No.	2.00	1,437,800.00		2,875,600.00
	Supply and laying of 25 x 3mm tinned copper Tape Down Conductor from ESE to Copper Tape network to Disconnecting Link , including all type of accessories like metallic square clamp, metallic DC tape clips etc, complete in all respects.	Rft.	850.00	3,961.00		3,366,850.00
	Supply, Installation, Testing and Commissioning of Earth Copper Bar (Test Link) for Earthing System as shown on the drawing and as per specification, complete in all respect.	No.	4.00	24,410.00		97,640.00
	Providing, installing, testing & commissioning of following items for complete earthing system including all connecting accessories as per drawings & specifications, complete in all respect.					
	Earth bores & pit with Rod type earth electrode, 20mm dia and 3 X 10 ft long copper rods.	No.	4.00	327,170.00		1,308,680.00
	Testing and commissioning of complete lightning protection system including existing earthing arrangement. Ensure that earth resistance for lightning protection system should be less than 10 ohms.	Job	1.00	112,500.00		112,500.00
	Earthing System					
	Supply, installation, testing and commissioning of following items for Earthing/ Grounding System for lightning protection and grounding of other systems including all material, boring, labor, tools, transportation, accessories etc. Complete in all respects with detailed test reports.					
	Chemical Enhanced Earth using 38 mm dia 10'-0" long copper pipe filled with soil conditioning material including 6" dia, 11' deep boring and back filled chemical to enhance conductivity. Complete with thermos weld joint, 13" dia heavy duty Cast Iron round cover as per details	Each	45.00	85,745.00		3,858,525.00
	20mm dia 10'-0" long Tin platted copper Rod. Complete with thermos weld joint, 13" dia heavy duty Cast Iron round cover as per details.	Each	4.00	85,745.00		342,980.00
	Supply, Installation, Testing and Commissioning of Earth Copper Bar (Test Link) for Earthing System as shown in the drawing and as per specification, along with all necessary accessories complete in all respect.	Each	45.00	21,800.00		981,000.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Earth Grounding Bar (EGB) or Equipotential bar made with 450mm wide, 50mm high and 8mm thick tin plated Copper, Bar shall be provided with holes suitable for installation of 4 No. 95 sqmm bare copper conductor. EGB shall be enclosed in appropriate size of powder coated metal enclosure with front accessible cover.	Each	15.00	50,510.00		757,650.00
	Termination Kit & Thimbles					
	Supply and Installation of L.T cable termination kits of following sizes cables.					
	LV Termination Kit					
	4 Core Copper Cables 660/1100 Volts Grades					
	4 Core 300 mm Sq. Copper Cables	Each	6.00	31,778.00		190,668.00
	4 Core 240 mm Sq. Copper Cables	Each	10.00	31,778.00		317,780.00
	4 Core 185 mm Sq. Copper Cables	Each	2.00	31,778.00		63,556.00
	4 Core 120 mm Sq. Copper Cables	Each	8.00	24,659.00		197,272.00
	4 Core 95 mm Sq. Copper Cables	Each	4.00	24,659.00		98,636.00
	4 Core 70 mm Sq. Copper Cables	Each	2.00	22,510.00		45,020.00
	4 Core 50 mm Sq. Copper Cables	Each	2.00	22,043.00		44,086.00
	4 Core 35 mm Sq. Copper Cables	Each	42.00	16,623.00		698,166.00
	4 Core 25 mm Sq. Copper Cables	Each	32.00	16,623.00		531,936.00
	1 Core Copper Cables 660/1100 Volts Grades					-
	1 Core 630 mm Sq. Copper Cables	Each	120.00	32,993.00		3,959,160.00
	1 Core 400 mm Sq. Copper Cables	Each	120.00	17,423.00		2,090,760.00
	1 Core 300 mm Sq. Copper Cables	Each	184.00	13,885.00		2,554,840.00
	1 Core 240 mm Sq. Copper Cables	Each	48.00	13,885.00		666,480.00
	Thimble with Heat shrink sleave/Shroud					
	Supply and Installation of Thimble with Heat shrink sleave of following sizes cables.					
	240mm Sq Cable	Each	120.00	1,399.00		167,880.00
	185mm Sq Cable	Each	66.00	1,153.00		76,098.00
	150mm Sq Cable	Each	56.00	1,153.00		64,568.00
	120mm Sq Cable	Each	16.00	673.00		10,768.00
	95mm Sq Cable	Each	2.00	673.00		1,346.00
	70mm Sq Cable	Each	2.00	513.00		1,026.00
	50mm Sq Cable	Each	2.00	280.00		560.00
	35mm Sq Cable	Each	2.00	220.00		440.00
	25mm Sq Cable	Each	2.00	220.00		440.00
	16mm Sq Cable	Each	334.00	147.00		49,098.00
	10mm Sq Cable	Each	616.00	127.00		78,232.00
	6/4/2.5mm Sq Cable	Each	488.00	103.00		50,264.00
	GENERATORS					
	Generators					

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Supply, installation, testing and commissioning of Prime Power Rated Diesel Generator Set(s), 3 phase, 11 kV, 50 Hz, 1500 RPM, suitable for continuous hospital duty operation, having 100% sustainability of rated power load for more than one (1) hour, complete in all respects. The generator set shall have a typical warranty of not less than 8,000 operating hours or 24 months, whichever occurs first, and shall be capable of 110% overload for approximately 15 minutes in accordance with ISO 3046-1. The Operation and Maintenance (O&M) period shall be two (2) years. The generator set shall be complete with medium voltage (11 kV) alternator with Class-H insulation, residential / hospital-grade sound-attenuated weather-proof canopy, residential grade exhaust silencer, electronic governor, automatic mains failure (AMF) and load-sharing management system, and an advanced programmable LCD display control panel. The scope shall include batteries, battery charger, battery cables, battery stand, medium-voltage circuit breaker (VCB) / generator protection panel, neutral grounding arrangement suitable for 11 kV system, and all associated control, protection, metering and safety accessories. The generator set shall be integrable via MODBUS / BACNET protocol with the building management system and shall support soft transfer / closed transition synchronization. The work shall further include transportation to site and safety store, complete exhaust piping, ducting with bends, supports and insulation, and 11 kV power cable & Control cables terminations including lugs, glands and all accessories, along with complete earthing and bonding required for medium-voltage generator installation. The generator set shall be suitable for operation at ambient temperatures ranging from 0°C to 50°C and shall fully comply with IEC, ISO, PEC and local statutory requirements, as well as the Technical Specification “Section-E-10 Standby Diesel Generator Set”.BMS/IBMS integration through modus/BACnet (open protocols) via TCP/IP along with all necessary required hardware, accessories and wiring for proper funtion & operation (as required). Obtaining all necessary approvals and NOCs from concerned authorities, including Electrical Inspector and Explosives Inspector, along with all official fees, testing, commissioning, synchronization charges and any unforeseen expenses, shall be entirely the responsibility of the contractor, and the complete installation shall be delivered ready for continuous hospital operation.	Each				
	2500 KVA Prime Power	Each	1.00	228,966,602		228,966,602.00
	2000 KVA Prime Power	Each	1.00	199,386,801		199,386,801.00
	NON SCHEDULE					
	ELEVATORS					
	Vertical Transportation					

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Supply, installation, Testing & commissioning of brand new imported Passenger elevator, Machine Room Above, fully complied and certified by EN-81, ISO and International SAFETY Standard of maximum features including VVVF, high efficiency motor, complete stainless steel finish for ambient condition of 50°C, capacity of 2000 Kg, as per below mentioned details, fulfill handicap requirements, total travel height as per drawing,. (May vary upto ± 15% as per Architectural drawings). Lift shall minimum includes car, hoisting machinery, counter weight, supports, brackets, automatic controls, embedded parts, access ladder, separator screen & trap door, electric overload, shaft lighting, intercom system, gong, surge protection, emergency operation for cabin/ door, BMS monitoring, automatic emergency landing device /ALD (UPS/Battery) and safety devices,BMS/IBMS integration through modus/BACnet (open protocols) via TCP/IP along with all necessary required hardware, accessories and wiring for proper funtion & operation (as required). complete in all respect as per specification and according to EN 81.1 standard compliance. Warranty Period 1 year.					
	Speed: 1.0 Stop: 2 and opening in line, Travel Height : 36 ft. approx.	Each	4.00	24,250,000.00		97,000,000.00
	Supply, installation, Testing & commissioning of brand new imported Fireman Cargo Elevator / Service Elevator (Cabin Should be Fire Rated EN-81-72 (2003) & EN 81-58), Machine Room Above, fully complied and certified by EN-81, ISO and International SAFETY Standard of maximum features including VVVF, high efficiency motor, complete stainless steel finish for ambient condition of 50°C, capacity of 2500 Kg, as per below mentioned details, fulfill handicap requirements, total travel height as per drawing,. (May vary upto ± 15% as per Architectural drawings). Lift shall minimum includes car, hoisting machinery, counter weight, supports, brackets, automatic controls, embedded parts, access ladder, separator screen & trap door, electric overload, shaft lighting, intercom system, gong, surge protection, emergency operation for cabin/ door, BMS monitoring, automatic emergency landing device /ALD (UPS/Battery) and safety devices,BMS/IBMS integration through modus/BACnet (open protocols) via TCP/IP along with all necessary required hardware, accessories and wiring for proper funtion & operation (as required). complete in all respect as per specification and according to EN 81.1 standard compliance. Warranty Period 1 year.					
	Speed: 1.0 Stop: 2 and opening in line, Travel Height : 80 ft. approx.	Each	2.00	57,593,317.00		115,186,634.00
	SCHDEULE ITEM					
	FIRE ALARM SYSTEM					
	Conduits & Pipes					

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
24/3	Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials.					
a)	Recessed in walls i/c making jharries					
iii	25 mm i/d	Per Rft.	34,864.00	140.15		4,886,189.60
b)	On Surface i/c clamps					
iii	25 mm i/d	Per Rft.	2,100.00	86.05		180,705.00
24/5	Supply and erection of PVC. flexible pipe for wiring, including check nuts, etc. complete:-					
ii	25 mm	Per Rft.	3,495.00	65.00		227,175.00
	Cables					
24/174	Supply, Installation and commissioning of wiring for Signals RS 485, Shielded Copper Cable , in prelaid conduit . Make 3M / Belden, or equivalent as approved and directed by the Engineer Incharges.	Per Rft.	750.00	80.70		60,525.00
24/175	Supply, Installation and commissioning of wiring with specified Fire Resistant Shielded Cable (Fire Rating for 2 hours) of required size from respective DB to Fire Alarm FACP (Fire Alarm Controle Panel) in prelaid conduit/duct. Make Pony / Belden/ Covican (Italy) or equilvent as approved and directed by the Engineer Incharge.					
i)	2C,1.5 mm sq	Per Rft.	36,910.00	134.70		4,971,777.00
	NON SCHDEULE ITEM					
	Fire Alarm System					
	Providing, Laying, Testing & Commissioning of Wiring for complete EN-54 certified Intelligent Addressable Fire Alarm System with 2C 1.5 Sq.mm shielded Fire Resistant Cable (120 Min.) in already laid 25mm dia PVC conduit concealed (M.S conduit for surface) etc., including any wiring between fire alarm control panel and other's system components: manual call station, smoke/heat/detector, electronic sounder, input/output module, repeater panel etc. Complete in all respect. FACP shall be integrable with Public Address System, Elevators, Electrical DBs (LPDBs, SMDBs & LV switchgears), BMS/IBMS integration through modus/BACnet (open protocols) via TCP/IP along with all necessary required hardware, accessories and wiring for proper funtion & operation (as required). System shall come with it's computer based software with real time monitoring for ease of operation and fire zone detection. Supplier shall train the detailed working of the system to the staff.					
	Providing, Installation, testing & commissioning of Addressable Photoelectric Smoke Detector with built-in loop isolator and base along with all necessary accessories. Complete in all respect.	Each	296.00	14,980.00		4,434,080.00
	Providing, Installation, testing & commissioning of Addressable Photoelectric Smoke Detector with built-in loop isolator and base to be installed on above false ceiling along with all necessary accessories. Complete in all respect.	Each	87.00	16,677.00		1,450,899.00
	Providing, Installation, testing & commissioning of Addressable Heat Detector with built-in loop isolator and base along with all necessary accessories. Complete in all respect.	Each	15.00	15,241.00		228,615.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Providing, Installation, testing & commissioning of Addressable Multi Detector with built-in loop isolator and base along with all necessary accessories. Complete in all respect.	Each	85.00	17,068.00		1,450,780.00
	Providing, Installation, testing & commissioning of Addressable Manual Call Point (resettable type) with built-in loop isolator and base along with all necessary accessories. Complete in all respect.	Each	31.00	20,461.00		634,291.00
	Providing, Installation, testing & commissioning of Addressable Sounder with flasher with built-in loop isolator and base along with all necessary accessories. Complete in all respect.	Each	31.00	40,323.00		1,250,013.00
	Providing, installation, testing and commissioning of addressable fire alarm repeater panel (active type) with control and monitoring features along with RS-485 or appropriate communication cable for interconnection with the main FACP, including all necessary accessories and battery backup, complete in all respects.	Each	4.00	463,450.00		1,853,800.00
	Providing, Installation, testing & commissioning of Addressable input/output monitoring modules with built-in loop isolator and base along with all necessary accessories. Complete in all respect.	Each	102.00	23,215.00		2,367,930.00
	Providing, Installation, testing & commissioning of Addressable beam smoke sensor with transmitter, receiver and base along with all necessary acessories.complete in all respect.	Each	12.00	375,655.00		4,507,860.00
	Providing, installation, testing & commissioning of magnetic door holders (suitable for both single and double fire-rated doors, as necessary) to facilitate the release/closure of designated fire rated doors during a fire event. These magnetic door holders shall be integrable and controllable with the fire alarm system, equipped with an independent power supply unit, and provided with all essential accessories and hardware required for proper system functionality.	Each	27.00	24,023.00		648,621.00
	Providing, installation, testing and commissioning of EN-54 certified 6-loop modular (single unit) intelligent addressable fire alarm control panel (FACP), including all necessary accessories, identification tagging, and 72-hour battery backup as per specification, complete in all respects. The FACP shall be capable of supporting multiple repeater panels and at least 250 devices per loop and shall have an inbuilt printer for short reports. The system shall be integrable with PA, access control, elevator, electrical DBs, and BMS/IBMS through ModBus/BacNET or other relevant communication protocols, complete with all required communication wiring and accessories for proper system operation.	Each	1.00	2,411,815.00		2,411,815.00
	Providing, installation, testing & commissioning of Alarm Management Software with graphics, lifetime license with update supports and all necessary accessories.	Each	1.00	396,120.00		396,120.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	Providing, installation, testing & commissioning of Work Station with Client FA Software having lifetime license and updates (Core i9 latest generation ultra slim desktop PC with Genuine 64 bit windows latest version. ,16 GB DDR5 Ram, 1TB SSD, wifi & Bluetooth connectivity) with FHD 32" LCD, keyboard, mouse and fire alarm event printer and all necessary accessories for complete running of the system.	Each	1.00	554,625.00		554,625.00
	Note:- Testing & Commissioning cost must be included in above devices/panel.					
PUBLIC ADDRESS SYSTEM						
SCHEDULE ITEM						
	Conduits & Pipes					
24/3	Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials.					
a)	Recessed in walls i/c making jharries					
iii	25 mm i/d	Per Rft.	12,174.00	140.15		1,706,186.10
24/5	Supply and erection of PVC. flexible pipe for wiring, including check nuts, etc. complete:-					
ii	25 mm	Per Rft.	865.00	65.00		56,225.00
	Cables					
24/123	Supply, Installation and commissioning of wiring with 4-pair data Cable,23 AWG support 1 Giga @ 250 Mhz upto 100 meter UL/EN listed cable conforming IEEE 802.3 or equivalent, in prelaid conduit / cable tray from including all accessories, Make: Schneider / i-connect UK/3M Corning USA, complete in all respect as approved and directed by Engineer Incharge.					
	23 AWG UTP (Unshielded Twisted pair)					
a (i)	CAT-6 (Min.1G @ 250MHz or higher)	Per Rft.	1,824.00	49.20		89,740.80
24/175	Supply, Installation and commissioning of wiring with specified Fire Resistant Shielded Cable (Fire Rating for 2 hours) of required size from respective DB to Fire Alarm FACP (Fire Alarm Controle Panel) in prelaid conduit/duct. Make Pony / Belden/ Covican (Italy) or equilvent as approved and directed by the Engineer Incharge.					
i)	2C,1.5 mm sq	Per Rft.	875.00	134.70		117,862.50
	Cabinet					
24/146	Supply , installation of wall mounted CCTV Cabinet comprising of Powder Coated M.S frame, front glass& two side openings, 02 way fans for cooling, top & bottom entry, handle lock with 6 way PDU (Power Distribution Unit) with all necessary accessories/ materials, complete in all respects. Made of Bosch/ HP / Dell , Pollo Australia or equivalent or as approved and directed by Engineer Incharge.					
i)	12U size (600x550x635 mm)	Each	3.00	57,927.40		173,782.20

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
24/147	Supply , installation of floor mounted Main CCTV Cabinet of specified size, installed in Main IT / Server room/Security Room, made of Powder Coated M.S frame, perforated front & rear doors, removable side panels, 04 way fans for cooling, top/bottom entry, handle lock with 4 lockable wheels, cable manager, with 6 way PDU (Power Distribution Unit) & 2 x 6 way PDU (Power Distribution Unit) for 42U size with all necessary accessories/materials, complete in all respects. made of Bosch/ HP / Dell , Pollo Australia or equivalent or as approved and directed by Engineer Incharge.					
(i)	42U (800x800x2055mm)	Each	1.00	198,078.70		198,078.70
	NON SCHEDULE ITEM					
	Public Address System					
	Providing, Laying, Connecting-up, Testing & Commissioning of Wiring for complete IP Based EN 54 certified Digital Voice Alarm / Public Address System with 2C, 2.5 Sqmm shielded, flexible Fire Resistant flexible Cable (120 min) in already laid 25mm dia PVC conduit , including any wiring between System Controller / System manager and other's system components (pagers, amplifiers, speakers etc.) . Where required, PAS/VAS Should be able to Integrate with Fire Alarm System, Elevators & other relevant IP based IT systems like PABX etc. through ModBus/BacNET etc. or other required protocols. System shall be expandable through IP / fiber network protocols for covering farther locations. System shall be equipped with battery backup (45 minutes on full load) and shall have Acoustic feed back suppression / Active Noise Cancellation feature with necessary required hardware. Any other item required for completion of system not covered in BOQ ,Specifications or Drawings in accordance with same standards and brands shown in approved manufacturers list. All such items shall be covered in this item with complete description, items rates, and quantity required shall be mentioned separately and to be attached with the BOQ. Supplier Shall Train the detailed working of the system to the staff.					
	Providing, Installation, testing & commissioning of IP based System Manager/ System Controller with MP3 /BGM source unit along with all interconnecting wiring and multiple inputs and multiple outputs and shall support matrix system including all other necessary requirements for the integration of whole system complete in all respects. System shall be equipped with battery backup (at least 45 minutes on full load) and shall have Acoustic feed back suppression / Active Noise Cancellation feature with necessary required hardware. System shall be IP based, programmable, integrable and shall support computer based software along with all necessary accessories complete in all respects.	Each	1.00	882,846.00		882,846.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Providing, installation, testing & commissioning of IP based 500 Watts 4-6 zone 100V Class-D high efficiency >90% Amplifier with DSP, distortion of 0.3 % or less (1 kHz, rated output) having frequency response of at least 60-18000 Hz ± 1dB, supporting multiple inputs and multiple outputs (AB zone configuration) compliance with EN54 standard operating at 220V, AC suitable for rack mounting along with builtin preamplifier. System shall be equipped with active noise cancellation feature along with all necessary required hardware along with all necessary accessories complete in all respects as shown on Drawings and Technical Specification.	Each	3.00	365,474.00		1,096,422.00
	Providing, installation, testing & commissioning of 6 watt Indoor Ceiling Mounted high efficiency (SPL> 87db) EN 54 standard fire rated (at least 30 minutes) 6 - 8" round loud speakers having frequency response of Atleast 100-18000 Hz ± 3dB, high sound dispersion angle around 170-180 degrees, with output power adjustment taping points (25%, 50%, 75% & 100%) along with all necessary accessories complete in all respects as shown on Drawings and Technical Specification.	Each	165.00	13,735.00		2,266,275.00
	Providing, installation, testing & commissioning of 12-18 watt Indoor wall Mounted high efficiency (SPL> 87db) EN 54 standard fire rated (at least 30 minutes) box speakers having frequency response of Atleast 120-18000 Hz ± 3dB, with output power adjustment taping points (25%, 50%, 75% & 100%) complete in all respects as shown on Drawings and Technical Specification.	Each	18.00	20,508.00		369,144.00
	Providing, Installation, testing & commissioning of EN 54 standard 15-20 Watts Horn type IP rated high efficiency (SPL> 87db) speaker having frequency response of Atleast 380-9000 Hz ± 3dB, high sound dispersion angle around 120-150 degrees, with output power adjustment tapping points (25%, 50%, 75% & 100%) along with mounting brackets and all necessary accessories. Complete in all respect.	Each	6.00	23,536.00		141,216.00
	Providing, installation, testing & commissioning of IP based Call pad station (plug & play type) with base & microphone (distortion <1%) , keypad and programmable keys (at least 8 keys) and predefined functions (e:g automatic msgs & chime tones), respective zone selection & all zones selection programable keys supporting matrix paging complete in all respects along with all necessary accessories complete in all respects. System shall be equipped with active noise cancellation feature along with all necessary required hardware complete in all respect.	Each	4.00	200,240.00		800,960.00
	Providing, installation, testing & commissioning of audio volume controller with back box, complete in all respects as shown on Drawings and Technical Specification.	Each	15.00	17,947.00		269,205.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Supply and Wiring of EN-54 certified 2C, 2.5 Sq.mm shielded flexible fire resistant LSZH (PH-120) Speaker Cable for Public Address System from Speaker to Speaker concealed in 25mm dia PVC Conduit. Complete in all respects as shown on Drawings and Technical Specification.	Per Rft.	15,800.00	205.00		3,239,000.00
	Providing, installation, testing & commissioning of fire rated appropriate communication cable concealed in PVC conduit for interconnecting PAS with Elevators, FAS, BMS including all necessary accessories and required hardware, Complete in all respect.	Per Rft.	550.00	658.00		361,900.00
	Providing, installation, testing & commissioning of Work Station with Client PA Software having lifetime license and updates (Core i9 latest generation ultra slim desktop PC with Genuine 64 bit windows latest version. ,16 GB DDR5 Ram, 1TB SSD, wifi & Bluetooth connectivity) with FHD 32" LCD, keyboard, mouse and fire alarm event printer and all necessary accessories for complete running of the system.	Each	1.00	469,800.00		469,800.00
	Conference/Board Room Audio System (3 No.)					
	Providing, installation, testing & commissioning of Rack mount type Central Control Unit / System Manager audio/video support along with Built-in Mixer Amplifier & Power Amplifier 120 watt class D (if not built-in then it shall come with a separate power amplifier) supporting multiple inputs and multiple outputs (capable of interconnecting atleast 35-40 microphones) compliance with EN54 standard operating at 220V, AC suitable for rack mounting including power supply units. System shall come with its own computer system and shall have Acoustic feed back suppression / Active Noise Cancellation with mp3 recording feature along with external microphone input support. Complete in all respects including all necessary accessories and required hardware. Supplier Shall Train the detailed working of the system to the staff. Extended warranty of complete installed system with parts for 5 years.	No.	3.00	952,176.00		2,856,528.00
	Providing, installation, testing & commissioning of MP3 /BGM source unit along with all interconnecting wiring and multiple inputs and multiple outputs and shall support mutimedia,audio/video system including all other necessary requirements for the integration of whole system complete in all respects. System shall have Acoustic feed back suppression / Active Noise Cancellation feature with necessary required hardware along with all necessary accessories complete in all respects.	Each	3.00	137,082.00		411,246.00
	Providing, installation, testing & commissioning of POE based chairman unit gooseneck microphone with base and built-in hight quality Loud Speaker with selector & mute switches, status indication LED light, active noise cancellation feature, hardware, cable and all necessary required hardware for proper working of equipment complete in all respects.	No.	6.00	91,261.00		547,566.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Providing, installation, testing & commissioning of POE based delegation unit gooseneck microphone with base and built-in high quality Loud Speaker with selector switch, status indication LED light, active noise cancellation feature, hardware, cable and all necessary required hardware for proper working of equipment complete in all respects.	No.	141.00	91,261.00		12,867,801.00
	Providing, installation, testing & commissioning of Indoor 12-18 Watt high efficiency (SPL> 87db) two way box type Loudspeakers with dome tweeters (80-18000 Hz ± 3dB) intended for high quality sound & music production with sealed enclosure protective against moisture and dust and built-in twitter transformer and multiple power tapping points. Speaker should have wide dispersion angle, excellent frequency response and power handling.	No.	18.00	20,508.00		369,144.00
	Providing, installation, testing & commissioning of Wireless neck/collar uni-directional microphone with receiver set along with active noice cancellation / suppression including necessary acessories and required hardware. Complete in all respect.	No.	3.00	145,197.00		435,591.00
	Media Breifing Room					
	Providing, installation, testing & commissioning of 120 Watts muti zone 70-100V high efficiency Amplifier having frequency response of Atleast 60-18000 Hz ± 1dB with DSP, SNR > 85 dBA, distortion 0.3 % or less (1 kHz, rated output), A/V support, multiple inputs and multiple outputs, standard operating at 220V, AC suitable for rack mounting along with builtin preamplifier and tone controls. System shall be equipped with active noise cancellation feature along with all necessary required hardware along with all necessary required wiring and accessories complete in all respects.	No.	1.00	124,074.00		124,074.00
	Providing, installation, testing & commissioning of MP3 /BGM source unit along with all interconnecting wiring and multiple inputs and multiple outputs and shall support mutimedia,audio/video system including all other necessary requirements for the integration of whole system complete in all respects. System shall have Acoustic feed back suppression / Active Noise Cancellation feature with necessary required hardware along with all necessary accessories complete in all respects.	No.	1.00	137,082.00		137,082.00
	Providing, installation, testing & commissioning of table/rostrum mount POE based gooseneck unidirectional microphone with base and builtin hight quality Loud Speaker with selector switch, status indication LED light, active noise cancellation feature, hardware, cable and all necessary required hardware for proper working of equipment complete in all respects	No.	5.00	261,497.00		1,307,485.00
	Providing, installation, testing & commissioning of Hand Held type transformer balanced wireless Microphone with receiver set featuring active noise cancellation along all necessary accessories and required hardware. Complete in all respect.	No.	2.00	144,047.00		288,094.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	Providing, installation, testing & commissioning of Indoor 24-30 Watt high efficiency (SPL> 87db)Ceiling Mounted Loudspeakers with back Box (80-18000 Hz ± 3dB) intended for high quality sound & music production with sealed enclosure protective against moisture and dust and built-in twitter transformer and multiple power tapping points. Speaker should have wide dispersion angle, excellent frequency response and power handling.	No.	4.00	33,558.00		134,232.00
	Note:- Testing & Commissioning cost must be included in above devices/panel.					
Audio System (Convention Hall)						
SCHEDULE ITEM						
	Conduits & Pipes					
24/3	Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials.					
a)	Recessed in walls i/c making jharries					
iii	25 mm i/d	Rft.	13,550.00	140.15		1,899,032.50
b)	On Surface i/c clamps					
iii	25 mm i/d	Rft.	850.00	86.05		73,142.50
24/5	Supply and erection of PVC. flexible pipe for wiring, including check nuts, etc. complete:-					
ii	25 mm	Rft.	425.00	65.00		27,625.00
	Cables					
24/116	Supply, Installation and commissioning of wiring with 4-pair data Cable,23 AWG support 1 Giga @ 250 Mhz upto 100 meter UL/EN listed cable conforming IEEE 802.3 or equivalent, in prelaid conduit / cable tray from including all accessories, Make: Schneider / i-connect UK/3M Corning USA, complete in all respect as approved and directed by Engineer Incharge.					
	23 AWG UTP (Unshielded Twisted pair)					
a (i)	CAT-6 (Min.1G @ 250MHz or higher)	Per. Rft.	31,250.00	49.20		1,537,500.00
	Cabinet					
24/140	Supply , installation of floor mounted Main CCTV Cabinet of specified size, installed in Main IT / Server room/Security Room, made of Powder Coated M.S frame, perforated front & rear doors, removable side panels, 04 way fans for cooling, top/bottom entry, handle lock with 4 lockable wheels, cable manager, with 6 way PDU (Power Distribution Unit) & 2 x 6 way PDU (Power Distribution Unit) for 42U size with all necessary accessories/materials, complete in all respects. made of Bosch/ HP / Dell , Pollo Australia or equivalent or as approved and directed by Engineer Incharge.					
ii)	27U (600x600x1300mm)	Each	4.00	104,400.50		417,602.00
NON-SCHEDULED ITEMS						
	Audio Sound System for Convention Hall					

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Providing, Laying, Testing & Commissioning of Wiring for complete Public Address System of Auditorium hall with 2C, 2.5 Sqmm shielded pair cable in already laid 25mm dia PVC conduit also including any wiring between system components (amplifiers, speakers etc.) PAS Should be IP based (ethernet connectivity) and shall be able to Integrate with Fire Alarm System. System shall be equipped with battery backup (atleast 15 minutes on full load) and shall have Acoustic feed back suppression / Active Noise Cancellation feature with necessary required hardware. Any other item required for completion of system not covered in BOQ ,Technical Specifications or Drawings in accordance with same standards and brands shown in approved manufacturers list. All such items shall be covered in this item with complete discription, items rates, and quantity required shall be mentioned separately and to be attached with the BOQ. Supplier Shall Train the detailed working of the system to the staff					
	Providing, installation, testing & commissioning of Appropriate System Manager (For Convention Audio System)with computer based software & integration with confrence Audio System, Audio suppresor, multimedia support and DSP functions and mixer features along with all interconnecting wiring (amplifiers, microphones, etc,), connectors, multiple inputs and multiple outputs as per the system requirements including all necessary cabling, hardware, accessories for the integration of whole system. complete in all respects.	No.	1.00	4,258,102.00		4,258,102.00
	Providing, installation, testing & commissioning of BGM source unit with multi media A/V support including all necessary cabling, hardware, accessories for the integration of the system. complete in all respects.	No.	2.00	137,082.00		274,164.00
	Providing, installation, testing & commissioning of Indoor 15-18inches Subwoofer 1000-1200 Watt RMS high efficiency (SPL> 90db) Bass reflex type (30-150 Hz ± 3dB) intended for high quality sound with bass reflex enclosure protective against moisture. Speaker should have wide dispersion angle, excellent frequency response and power handling.	No.	4.00	985,349.00		3,941,396.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Providing, installation, testing & commissioning of asthetically pleasing in line with interior finishes 250-350 watts, full range line array speaker with built-in twiter transformers and multiple power tapping points having frequency response of 60-20000 Hz ± 3dB with hanging frame, intended for high quality sound. Speaker should be music grade, have crystal clear voice, good bass quality, wide horizontal and narrow vertical sound dispersion angle for even distribution of sound to the audience suitable for large halls and audotoriums. The speakers shall have SPL > 90 dB @ 1W, 1M. Loudspeaker shall have painted wooden / aluminium enclosure with metal mesh protective against moisture and dust with base/brackets Including all necessary cabling, hardware, accessories and requirements mentioned in the specifications.Complete in all respects.	No.	24.00	191,092.00		4,586,208.00
	Providing & installation of Roostrum mount type Unidirectional slim gooseneck microphone with base including all necessary acessories and required hardware. Complete in all respect.	No.	2.00	261,497.00		522,994.00
	Providing, installation, testing & commissioning of Wireless neck/collar uni-directional microphone with reciever set along with active noice cancellation / suppression including necessary acessories and required hardware. Complete in all respect.	No.	3.00	145,197.00		435,591.00
	Providing, installation, testing & commissioning of Hand held transformer balanced wireless Microphone with reciever set featuring active noise cancellation / suppression including all necessary acessories and required hardware. Complete in all respect.	No.	2.00	144,047.00		288,094.00
	Providing & installation of Microphone Floor Stand (metallic) with adjustable boom	No.	2.00	14,852.00		29,704.00
	Providing, installation, testing & commissioning of Rack mount type Central Control Unit / System Manager (For Paperless Conference System of Convention Hall) supporting audio/video support along supporting multiple inputs and multiple outputs (capable of interconnecting atleast 125-150 conference devices), operating at 220V, AC suitable for rack mounting including power supply units and backup power system. System shall come with its own high end latest technology computer system (part of scope), black boxes and shall be IP based and shall be equipped with software based multilingual (atleast 35 common lanuages) real time interpreter supporting audio & visual interpretations, shall have Acoustic feed back suppression / Active Noise Cancellation with recording feature. Including all necessary accessories, cabling, networking switches and required hardware, complete in all respects. Supplier Shall Train the detailed working of the system to the staff. Extended warranty of complete installed system with parts for 5 years.	No.	1.00	4,258,102.00		4,258,102.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Providing, installation, testing & commissioning of POE based delegate cum chairman unit with black boxes having software based (retractable type preffered) multimedia LED FHD display tablet (atleast 10.1 inches) with gooseneck microphone and built-in high quality Loud Speaker with selector switch, status indication LED light, active noise cancellation feature, hardware, cable and all necessary required hardware for proper working of equipment complete in all respects.	No.	130.00	562,007.00		73,060,910.00
	Providing, installation, testing & commissioning of Work Station with Client PA Software having lifetime license and updates (Core i9 latest generation ultra slim desktop PC with Genuine 64 bit windows latest version. ,16 GB DDR5 Ram, 1TB SSD, wifi & Bluetooth connectivity) with FHD 32" LCD, keyboard, mouse and fire alarm event printer and all necessary accessories for complete running of the system.	Each	2.00	469,800.00		939,600.00
	Supply and Wiring of EN-54 certified 2C, 2.5 Sq.mm shielded flexible fire retardant LSZH Speaker Cable for Public Address System from Speaker to Speaker concealed in 25mm dia PVC Conduit. Complete in all respects as shown on Drawings and Technical Specification.	Per Rft.	2,760.00	205.00		565,800.00
	Note:- Testing & Commissioning cost must be included in above devices/panel.					
	ACCESS CONTROL SYSTEMS					
	SCHEDULE ITEM					
	Conduits & Pipes					
24/3	Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials.					
a)	Recessed in walls i/c making jharries					
iii	25 mm i/d	Per Rft.	5,500.00	140.15		770,825.00
24/5	Supply and erection of PVC. flexible pipe for wiring, including check nuts, etc. complete:-					
ii	25 mm	Per Rft.	85.00	65.00		5,525.00
24/128	Supply, Installation and Connection of Specified Ports Layer-2 PoE (Power Over Ethernet) data Network Switch specified ports x100 Mbps PoE, Min.2x1Gbps SFP UPLINK ports, made of Cisco USA/NOVAS Europe/Juniper USA / Huawei / H3C, Pollo Australia or equivalent approved manufacturer and directed by the Engineer Incharge.					
iv)	24 port, Min. 365 Watt PoE power	Each	3.00	121,941.20		365,823.60
	Data Cable					
24/123	Supply, Installation and commissioning of wiring with 4-pair data Cable,23 AWG support 1 Giga @ 250 Mhz upto 100 meter UL/EN listed cable conforming IEEE 802.3 or equivalent, in prelaid conduit / cable tray from including all accessories, Make: Schneider / i-connect UK/3M Corning USA, complete in all respect as approved and directed by Engineer Incharge.					
	23 AWG UTP (Unshielded Twisted pair)					
a (i)	CAT-6 (Min.1G @ 250MHz or higher)	Per Rft.	4,562.00	49.20		224,450.40
	Cabinet					

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
24/147	Supply , installation of wall mounted CCTV Cabinet comprising of Powder Coated M.S frame, front glass& two side openings, 02 way fans for cooling, top & bottom entry, handle lock with 6 way PDU (Power Distribution Unit) with all necessary accessories/ materials, complete in all respects. Made of Bosch/ HP / Dell , Pollo Australia or equivalent or as approved and directed by Engineer Incharge.					
ii)	15U size (600x550x770 mm)	Each	3.00	59,379.95		178,139.85
	Power Cable					
24/174	Supply, Installation and commissioning of wiring for Signals RS 485, Shielded Copper Cable , in prelaid conduit . Make 3M / Belden, or equivalent as approved and directed by the Engineer Incharges.	Per Rft.	750.00	80.70		60,525.00
24/175	Supply, Installation and commissioning of wiring with specified Fire Resistant Shielded Cable (Fire Rating for 2 hours) of required size from respective DB to Fire Alarm FACP (Fire Alarm Controle Panel) in prelaid conduit/duct. Make Pony / Belden/ Covican (Italy) or equilvent as approved and directed by the Engineer Incharge.					
i)	2C,1.5 mm sq	Per Rft.	7,486.00	134.70		1,008,364.20
	NON-SCHEDULED ITEMS					
	DOOR ACCESS SYSTEM					
	Supply , installation testing and commissioning of IP Access Control system comprising of access management control unit, card reader, budging unit, panic button, modular alarm control, keypad reader, door release button, exit push button magnetic contacts, servers , workstations, interface with BMS/IBMS, fire alarm system & CCTV system. Also all associated cables and conduits and all accessories required for the system as per drawings (B1-TE607, Series B1.TC) & Specifications (281300). BMS/IBMS integration through modus/BACnet (open protocols) via TCP/IP along with all necessary required hardware, accessories and wiring for proper funtion & operation (as required).					
	Access Control and Time Management Software along with Security Control system features a password protected user logon system suitable to interface with CCTV, Public Address and Fire Alarm. It provide cardholder management, full alarm and event processing, multi division supports, alarms alerting via SMS and calls on mobile and detailed audit rail records.	Each	1.00	469,800.00		469,800.00
	Complete IP based Access Control System (with features of Biometric, RFID & Keypad) including magnetic single door locks (complete system) with power supply units / POE based (preferred) and short battery backup (atleast 10 mins), emergency unlock button and all necessary required hardware and accessories for proper working of the system. Complete in all respect. ACS shall be integrable with BMS/IBMS, Fire Alarm System in case of fire emergency.	Each	24.00	74,482.00		1,787,568.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Complete IP based Access Control System (with features of Biometric, RFID & Keypad) including magnetic double door locks (complete system) with power supply units / POE based (preferred) and short battery backup (atleast 10 mins), emergency unlock button and all necessary required hardware and accessories for proper working of the system. Complete in all respect. ACS shall be integrable with BMS/IBMS, Fire Alarm System in case of fire emergency.	Each	22.00	80,877.00		1,779,294.00
	Supply and installation of RFID card printer, including all necessary wiring, hardware and accessories. Complete in all respect.	Each	1.00	492,689.00		492,689.00
	Supply and installation of Rugged Type printable RFID cards, Complete in all respect.	Each	300.00	196.00		58,800.00
	Management Server hardware (rack mount type) with Management & Client Software.	Each	1.00	651,951.00		651,951.00
	Testing & commissioning of the complete system including comprehensive staff training and provision of user management software life time license with updates for enrolling/removing authorized personnel (user defined numbers)	Job	1.00	163,125.00		163,125.00
	Integrated Building Management System					
	SCHDEULE ITEM					
	Conduits & Pipes					
24/3	Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials.					
a)	Recessed in walls i/c making jharries					
iii	25 mm i/d	Rft.	35,320.00	140.15		4,950,098.00
	Data Cable					
24/123	Supply, Installation and commissioning of wiring with 4-pair data Cable,23 AWG support 1 Giga @ 250 Mhz upto 100 meter UL/EN listed cable conforming IEEE 802.3 or equivalent, in prelaid conduit / cable tray from including all accessories, Make: Schneider / i-connect UK/3M Corning USA, complete in all respect as approved and directed by Engineer Incharge.					
I	23 AWG UTP (Unshielded Twisted pair)					
a (i)	CAT-6 (Min.1G @ 250MHz or higher)	Per. Rft.	13,350.00	49.20		656,820.00
24/129	Supply, Installation and Connection of Data switch,10/100/1000 Mbps with SFP UPLINK made of Cisco USA/NOVAS Europe/Juniper USA / Huawei /H3C Pollo Australian or equivalent as approved and directed by the Engineer Incharge.					
iv)	24 Ports(PoE)	Each	1.00	3,572.40		3,572.40
v)	48 Ports(PoE)	Each	1.00	4,843.20		4,843.20
24/146	Supply , installation of wall mounted CCTV Cabinet comprising of Powder Coated M.S frame, front glass& two side openings, 02 way fans for cooling, top & bottom entry, handle lock with 6 way PDU (Power Distribution Unit) with all necessary accessories/ materials, complete in all respects. Made of Bosch/ HP / Dell , Pollo Australia or equivalent or as approved and directed by Engineer Incharge.					
i	12U size (600x550x635 mm)	Each	1.00	57,927.40		57,927.40
ii	15U size (600x550x770 mm)	Each	1.00	59,379.95		59,379.95

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
24/147	Supply , installation of floor mounted Main CCTV Cabinet of specified size, installed in Main IT / Server room/Security Room, made of Powder Coated M.S frame, perforated front & rear doors, removable side panels, 04 way fans for cooling, top/bottom entry, handle lock with 4 lockable wheels, cable manager, with 6 way PDU (Power Distribution Unit) & 2 x 6 way PDU (Power Distribution Unit) for 42U size with all necessary accessories/materials, complete in all respects. made of Bosch/ HP / Dell , Pollo Australia or equivalent or as approved and directed by Engineer Incharge.					
(ii)	27U (600x600x1300mm)	Each	1.00	104,400.50		104,400.50
	Cables					
24/174	Supply, Installation and commissioning of wiring for Signals RS 485, Shielded Copper Cable , in prelaid conduit . Make 3M / Belden, or equivalent as approved and directed by the Engineer Incharges.	Rft.	12,100.00	80.70		976,470.00
24/175	Supply, Installation and commissioning of wiring with specified Fire Resistant Shielded Cable (Fire Rating for 2 hours) of required size from respective DB to Fire Alarm FACP (Fire Alarm Controle Panel) in prelaid conduit/duct. Make Pony / Belden/ Covican (Italy) or equilvent as approved and directed by the Engineer Incharge.					
i)	2C,1.5 mm sq	Rft.	2,150.00	134.70		289,605.00
	NON SCHDEULE ITEM					
	INTEGRATED BUILDING MANAGEMENT SYSTEM					
	Supply, installation, Test and commissioning of Integrated Building Management System (BMS) including all equipment as per drawings, direct digital controllers (DDC), Gateways, workstation unit, also including all associated cables, wire, conduits, Junction Boxes, including control and monitoring of Electrical & Mechanical Main Equipment as mentioned in BMS Single Line Diagram, and also connection to Elevators, fire alarm systems, as mentioned in drawings & specifications, The IBMS system shall be connected to the existing BMS systems, BMS System should comprise of but not limited to following items: Gateway in Distribution Panels for communication and data exchange between devices and BMS server. BMS/IBMS integration through modus/BACnet (open protocols) via TCP/IP along with all necessary required hardware, accessories and wiring for proper funtion & operation (as required). Any other item required for completion of system not covered in BOQ ,Specifications or Drawings in accordance with same standards and brands shown in approved manufacturers list. All such items shall be covered in this item with complete discription, items rates, and quantity required shall be mentioned separately and to be attached with the BOQ. Supplier Shall Train the detailed working of the system to the staff.					

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
Non Schedule	Software Integration of PV System Via Modbus / BACnet / IP.Complete in all respects as shown on Drawings and Technical Specification & including all accessories.	Job	1.00	679,301.00		679,301.00
Non Schedule	Software Integration of HVAC BMS Via Modbus / BACnet / IP.Complete in all respects as shown on Drawings and Technical Specification & including all accessories.	Job	1.00	679,301.00		679,301.00
Non Schedule	Software Intergration of UPS Via Modbus / BACnet / IP .Complete in all respects as shown on Drawings and Technical Specification & including all accessories.	Job	1.00	679,301.00		679,301.00
Non Schedule	Software Integration of Access Control System Via Modbus / BACnet / IP.Complete in all respects as shown on Drawings and Technical Specification & including all accessories.	Job	1.00	679,301.00		679,301.00
Non Schedule	Software Integration of Energy Meters Via Modbus / BACnet / IP .Complete in all respects as shown on Drawings and Technical Specification & including all accessories.	Job	1.00	679,301.00		679,301.00
Non Schedule	Software Integration of FACP Via Modbus / BACnet / IP .Complete in all respects as shown on Drawings and Technical Specification & including all accessories.	Job	1.00	679,301.00		679,301.00
Non Schedule	Software Integration of Genset Via Modbus / BACnet / IP.Complete in all respects as shown on Drawings and Technical Specification & including all accessories.	Job	1.00	679,301.00		679,301.00
Non Schedule	Hardware Integartion VIA BACnet / IP DDC Controller for Electrical DB's floor wise.Complete in all respects as shown on Drawings and Technical Specification & including all accessories.	No.	1.00	679,301.00		679,301.00
Non Schedule	Hardware Integration VIA BACnet / IP DDC Controller for Elevators Complete in all respects as shown on Drawings and Technical Specification & including all accessories.	No.	1.00	679,301.00		679,301.00
Non Schedule	Hardware Integration VIA BACnet / IP DDC Controller for EV Charging Stations Complete in all respects as shown on Drawings and Technical Specification & including all accessories.	No.	1.00	679,301.00		679,301.00
Non Schedule	Supply and Wiring of 1 pr 24AWG/RS 485/ low current cable or appropriate network & communication cable. Complete in all respects as shown on Drawings and Technical Specification.	Rft.	15,200.00	426.00		6,475,200.00
Non Schedule	Supply and Wiring of 3 core shielded 20AWG/RS 485/ low current cable or appropriate network & communication cable. Complete in all respects as shown on Drawings and Technical Specification.	Rft.	12,652.00	419.00		5,301,188.00
Non Schedule	Supply and Wiring of 2 Core 18AWG sheilded control Cable or appropriate network & communication cable. Complete in all respects as shown on Drawings and Technical Specification.	Rft.	9,562.00	419.00		4,006,478.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
Non Schedule	Supply, install, test, and commission a centralized Integrated Building Management System (IBMS) server with control panel and appropriate equipment rack for monitoring and control of connected building systems, complete with required software, licenses, and standard network interfaces. The IBMS server shall communicate with distributed subsystem controllers and gateways over an IP-based fiber optic backbone using open protocols such as BACnet/IP and Modbus TCP.	Job	1.00	5,481,000.00		5,481,000.00
Non Schedule	Complete BMS Work Station (Core i9 latest generation ultra slim desktop PC with Genuine 64 bit latest windows version ,16 GB DDR5 RAM, 1 TB SSD, wifi & Bluetooth connectivity) with FHD 6 X 55" LED Screens with display controller, keyboard, mouse and all necessary accessories for complete running of the system.	No.	1.00	1,331,801.00		1,331,801.00
Non Schedule	Testing & Commissioning, Software (lifetime lisense and upgrades) Programming, Networking/wiring complete in all respects by Manufacturer Authorised Agent / Dealer and handing over complete system to owner with providing proper training, SOP, with Existing BMS Software c& complete equipment's manual and warranty documents to Owner's Representative.	Job	1.00	1,687,500.00		1,687,500.00
	EV CHARGING STATION					
	NON-SCHEDULED ITEMS					
	EV CHARGING STATION					
	Supply of Electric Vehicle Charging Station Phase: three Phase Voltage: 220~415V Frequency: 50 hz Rated Power: 25-30kW Rated Current: 32A Charging Type: AC Mode: 3 / Level: 2 Output Type: Type 2 Cable Length: 7 m Mounting: Floor mounted with metalic enclosure(local) Enclosure Ingress Protection IP: IP65 with key lock arrangement for both charger and cable -Time delay charging which supports energy management & time demand response Electrical Safety: -4P MCB for current Protection -4P RCB for residual current -4P SPD Type I/II for Surge protection Dedicated Energy Analyzer with physical buttons for setting which can store 3 years of energy data & BMS integration support through RS485 EV Compliance certificate: EPD.	No.	10.00	2,942,950.00		29,429,500.00
	LIGHTNING CONTRO SYSTEM					
	SCHEDULED ITEMS					
	Conduits & Pipes					
24/3	Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials.					
a)	Recessed in walls i/c making jharries					
iii	25 mm i/d	Rft.	9,500.00	140.15		1,331,425.00
b)	On Surface i/c clamps					

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
iii	25 mm i/d	Rft.	1,250.00	86.05		107,562.50
24/5	Supply and erection of PVC. flexible pipe for wiring, including check nuts, etc. complete:-					
ii	25 mm	Rft.	750.00	65.00		48,750.00
	Cables					
24/123	Supply, Installation and commissioning of wiring with 4-pair data Cable,23 AWG support 1 Giga @ 250 Mhz upto 100 meter UL/EN listed cable conforming IEEE 802.3 or equivalent, in prelaid conduit / cable tray from including all accessories, Make: Schneider / i-connect UK/3M Corning USA, complete in all respect as approved and directed by Engineer Incharge.					
	23 AWG UTP (Unshielded Twisted pair)					
a (i)	CAT-6 (Min.1G @ 250MHz or higher)	Per. Rft.	8,500.00	49.20		418,200.00
24/174	Supply, Installation and commissioning of wiring for Signals RS 485, Shielded Copper Cable , in prelaid conduit . Make 3M / Belden, or equivalent as approved and directed by the Engineer Incharges.	Per Rft.	7,850.00	80.70		633,495.00
	NON SCHEDULED ITEMS					
	Automatic Lighting Control System (KNX / DALI-2)					
	Supply, installation, testing, and commissioning of a complete Automatic Lighting Control System based on KNX automation with DALI-2 dimming, complete in all respects as per approved drawings and specifications. Scope of Equipment & Installation: Includes KNX system controllers, power supplies, switching/dimming actuators, DALI-2 gateways, scene-control keypads, occupancy and daylight sensors, operator touch panels, management software, and control enclosures, along with all associated bus wiring, cabling, junction boxes, containment, and installation accessories. Functionality & Spaces: Coverage includes the main convention hall, boardrooms, Head of State lounges, foyers, corridors, and designated areas. The system shall provide automatic and manual switching, driver failure monitoring, precise DALI-2 dimming (0 to 254 digital input steps), daylight harvesting, occupancy sensing, time scheduling, and pre-programmed user-selectable scenes (including Meetings, Presentations, Stage Events, Receptions, Dinners, Cleaning, and All-Off modes) with coordinated control for divisible spaces. Integration & Services: Complete system integration with the IBMS via BACnet/IP for centralized monitoring and control. Scope includes device addressing, programming, functional testing, IBMS integration testing, as-built documentation, scene matrix, configuration backups, O&M manuals, client staff training, and a 5-year comprehensive warranty covering parts and labor from taking-over.					

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Supply, installation, testing, and commissioning of open-protocol system power supply units (at least industry standard 640mA short-circuit proof with integrated choke, can comfortably support 64 to 128 individual KNX devices on a single line segment, factoring in safety margins) and IP backbone routers/line couplers. Includes all necessary DIN-rail power modules, network interfaces, surge protection, and line isolation devices to establish a reliable multi-line automation backbone complete in all respects.	lot	16.00	291,346.00		4,661,536.00
	Supply, installation, testing, and commissioning of multi-channel relay output actuators (minimum 16A C-load rated per channel with manual override capabilities and status feedback for non-dimmed switching circuits) and universal phase-dimming modules (supporting leading and trailing edge load types). Includes all housed control enclosures, internal terminal blocks, miniature circuit breakers (MCBs), and mounting hardware complete in all respects.	lot	16.00	291,346.00		4,661,536.00
	Supply, installation, testing, and commissioning of local and central user interface hardware, comprising wall-mounted central color touch panels (10.1-inch HD touch displays with PoE and custom graphical floorplan layouts) and multi-button programmable scene keypads (with integrated temperature sensors, custom engraved legends, and RGB status LEDs). Includes all backboxes, mounting frames, and low-voltage connections required for intuitive local scene selection and manual override complete in all respects.	lot	10.00	558,871.00		5,588,710.00
	Supply, installation, testing, and commissioning of multi-channel DALI-2 gateways and high-level BACnet/IP integration interfaces (supporting multi-master DALI-2 protocol compliance, individual fixture addressability, emergency lighting self-test monitoring, and bi-directional IP data exchange). Includes all software protocol mapping, gateway configuration, network switches, and wiring required to interface the lighting control system directly with the central Integrated Building Management System (IBMS) complete in all respects.	lot	16.00	1,113,496.00		17,815,936.00
	Supply, installation, testing, and commissioning of multi-function ceiling-mounted presence/occupancy detectors and integrated ambient light sensors (featuring daylight harvesting, wide-coverage passive infrared/high-frequency detection, adjustable time-outs, and precise lux-level measurement). Units shall support continuous daylight harvesting, automatic motion-based switching, and multi-zone light adjustment across convention halls, boardrooms, foyers, and corridors, complete in all respects.	lot	16.00	72,836.00		1,165,376.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Complete Work Station with UPS (30 minutes backup) (Core i9 latest generation ultra slim desktop PC with Genuine 64 bit latest windows version ,16 GB DDR4 RAM, 1 TB SSD, wifi & Bluetooth connectivity) with FHD 32" LED Screen keyboard, mouse and all necessary acessories for complete running of the system	No.	1.00	1,044,212.00		1,044,212.00
	Supply and installation of all system cabling and containment infrastructure, including KNX certified 2-pair twisted-pair shielded bus cable, DALI control wiring (LSZH jacketed), junction boxes, cable glands, wall-mounted IP54 control enclosures, and all associated fixing hardware required to interconnect all field devices to central control panels complete in all respects	Job	1.00	2,268,090.00		2,268,090.00
	Supply, installation, setup, and licensing of a central main Automation Server with Control Panel including management software, operator interface, BACnet/IP gateway, IBMS graphics and point mapping management with interactive 2D/3D graphical floorplan visualization software. System shall support dynamic floorplan mapping, real-time lighting status monitoring, automated time scheduling, energy consumption reporting, emergency test logging, and fault diagnostics.	Job	1.00	4,567,500.00		4,567,500.00
	Provision of complete engineering services including device addressing, ETS programming, scene matrix configuration, functional testing, lighting level validation, IBMS integration verification, and submission of comprehensive as-built drawings, device schedules, configuration backups, and operation & maintenance (O&M) manuals. Scope includes formal on-site operational training for the client's designated staff and a comprehensive 1-year warranty covering all parts and labor from the date of taking-over, complete in all respects	Job	1.00	1,957,500.00		1,957,500.00
	SOLAR SYSTEM					
	NON SCHEDULE ITEM					
	Solar System					

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	Technical Specification: On-Grid Solar PV System (Tier-1). Supply, installation, testing, and commissioning of a Grid-Tied Solar PV System designed, comprising Tier-1 Mono-Crystalline N-Type/TOPCon Bifacial Solar Panels (min. 580Wp or above) with a module efficiency 22% and a 25-year linear performance warranty. The system shall include Three-Phase Grid-Tie String Inverters (e.g., Huawei, ABB, or equivalent) featuring multiple MPPT trackers, a peak efficiency of 98.5%, integrated DC/AC surge protection (Type II SPD), and anti-islanding protection. The mounting structure shall be fabricated from Hot-Dipped Galvanized Steel (min. 80-120 microns) or anodized aluminum, designed to withstand wind speeds of up to 150 km/h. Interconnection shall be made via UV-resistant XLPO insulated DC cables (4mm²/6mm²/10mm² as per strings load requirement) and armored copper AC cables to the Lighting and Power Distribution Boards (DBs) on each floor through a centralized or floor-wise AC Combiner Box equipped with appropriately rated MCCBs and energy meters. The scope includes a microprocessor-based Data Logging System with Wi-Fi/Ethernet for remote monitoring, net-metering compliance as per NEPRA/LESCO/AEDB/NEECA/PEECA regulations, and all necessary earthing (equipment grounding) and integrated with building lighting protection, using 99.9% pure copper strips/rods, complete in all respects as per IDAP-approved standards and site requirements. Note: Solar Structure is a design build job item, while designing Solar Structure keep in coordination with relevant structure drawing notes. BMS/IBMS integration through modus/BACnet (open protocols) via TCP/IP along with all necessary required					
	On Grid Solar System 700 KW Elevated Structure 14 to 15 feet high.	Job	1.00	105,703,526.00		105,703,526.00
HVAC SYSTEM						
SCHEDULE ITEM						
	Galvanized Iron (G.I) Duct Work Supplying, fabrication and installation of duct using prime quality hot dipped G.I sheet metal (Z-275) of specified thickness including the cost of hangers , tees, bends , reducers, elbows, turning vanes and splitter etc. coupled with jointing sealant , mounting supports @ 8 ft c/c and smoke testing charges complete in all respects as approved and directed by the Engineer Incharge.					
Ch# 27-1-ii	US Gauge 26	Per Sft	18,753	215.35		4,038,458.55
Ch# 27-1-iii	US Gauge 24	Per Sft	107,099	254.00		27,203,146.00
Ch# 27-1-iv	US Gauge 22	Per Sft	61,144	297.50		18,190,340.00
Ch# 27-1-v	US Gauge 20	Per Sft	66,225	321.35		21,281,403.75
Ch# 27-1-vi	US Gauge 18	Per Sft	466	390.05		181,763.30
	Flexible Round Duct Supply & Installation of foil faced round flexible duct made of reinforced Fabric mechanically interlocked with corrosion resistant metal spiral helix with 1" factory applied fiberglass insulation of specified size i/c the cost of insulation and supports as per drawings with all accessories and fittings complete in all respect as approved and directed by Engineer Incharge.		-			

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
Ch# 27-4-i	6" Dia	Per Rft	1,124	313.65		352,542.60
Ch# 27-4-ii	8" Dia	Per Rft	1,959	370.85		726,495.15
Ch# 27-4-iii	10" Dia	Per Rft	1,801	439.00		790,639.00
Ch# 27-4-iv	12" Dia	Per Rft	226	556.45		125,757.70
Ch# 27-4-v	14" Dia	Per Rft	32	721.90		23,100.80
Ch# 27-4-vi	16" Dia	Per Rft	58	820.05		47,562.90
	Duct Insulation Supply, installation testing and commissioning of insulation as per specifications and as shown on drawings cross-linked polyolefin (XLPE) thermal closed foam cell insulation of thermal conductivity 0.035 W/mK AT 23C, density 25kg/m3, factory applied aluminum foil facing and self adhesive backing with all accessories to complete the work. the product shall be UL/FM approved and class 0 specifications..		-			
Ch # 27-7-i	12 mm thick for indoor ducts	Per Sft	216,904	224.40		48,673,257.60
Ch # 27-7-ii	25 mm thick for outdoor ducts	Per Sft	11,416	344.90		3,937,378.40
	Duct / Pipe Cladding Supply & Installation of multi layer aluminum sheet jacketing of specified thickness, coated with UV (Ultra Violet) protection & polymer backing having salt water resistance and fire performance conforming to ASTM-C1729 Mover exposed duct / pipe insulations where required and specified i/c the cost of Metal banding solutionsealant as approved and directed by Engineer Incharge.		-			
Ch# 27-8-iii	0.5 mm Thick	Per Sft	13,610	181.95		2,476,339.50
	Drain Pipe Insulations Supply & Installation of pre-formed tube of Elastomaric closed cell FM foam type insulation of specified thickness having density of 40-65 Kg / m3 and thermal condcutivity of 0.035 W/M at 25 degree centigrade of fire performance conforming to UK building regulation of class - 0 rating C2, complete including the cost of adhesives and sealers as specified for chilled/ hot water piping and fittings including valves,strainers as approved and directed by Engineer Incharge. (12 mm Thick)		-			
Ch # 27-9-a-i	Dia 3/4 Inch	Per Rft	851	74.35		63,271.85
Ch # 27-9-a-ii	Dia 1 Inch	Per Rft	1,323	84.25		111,462.75
Ch # 27-9-a-iii	Dia 1-1/4 Inch	Per Rft	3,003	99.05		297,447.15
Ch # 27-9-a-iv	Dia 1-1/2 Inch	Per Rft	450	113.90		51,255.00
Ch # 27-9-a-v	Dia 2 Inch	Per Rft	290	158.60		45,994.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	Copper Pipe Insulations Supply & Installation of pre-formed tube of Elastomaric closed cell FM foam type insulation of specified thickness having density of 40-65 Kg / m3 and thermal condcutivity of 0.035 W/M at 25 degree centigrade of fire performance conforming to UK building regulation of class - 0 rating C2, complete including the cost of adhesives and sealers as specified for chilled/ hot water piping and fittings including valves, strainers as approved and directed by Engineer Incharge 19mm Thick		-			
Ch # 27-9-b-i	Dia 1/4" Inch	Per Rft	1,129	125.55		141,745.95
Ch # 27-9-b-ii	Dia 3/8" Inch	Per Rft	1,586	144.10		228,542.60
Ch # 27-9-b-iii	Dia 1/2" Inch	Per Rft	1,213	147.80		179,281.40
Ch # 27-9-b-iv	Dia 5/8" Inch	Per Rft	2,525	165.80		418,645.00
Ch # 27-9-b-v	Dia 3/4" Inch	Per Rft	478	178.20		85,179.60
Ch # 27-9-b-vi	Dia 7/8" Inch	Per Rft	1,082	190.55		206,175.10
Ch # 27-9-b-vii	Dia 1" Inch	Per Rft	473	205.35		97,130.55
Ch # 27-9-b-viii	Dia 1-1/8" Inch	Per Rft	998	252.55		252,044.90
Ch # 27-9-b-ix	Dia 1-1/4" Inch	Per Rft	168	264.90		44,503.20
Ch # 27-9-b-x	Dia 1-3/8" Inch	Per Rft	19	316.75		6,018.25
Ch # 27-9-b-xi	Dia 1-1/2" Inch	Per Rft	184	319.30		58,751.20
Ch # 27-9-b-xii	Dia 1-3/4" Inch	Per Rft	462	404.90		187,063.80
Ch # 27-9-b-xiii	Dia 2" Inch	Per Rft	19	419.40		7,968.60
	Sound Liner Supply, installation, testing & commissioning of sound liner made of Thermobreak, Aerofoam, K-Flex or Approved equivalent as per specifications and as shown on drawings cross-linked polyolefin (XLPE) sound liner semi open cell with aluminum foil / without aluminum foil, thickness minimum 10mm, UL/FM approved, self adhesive backing with ss fasteners all accessories to complete the work. the product shall be class 0 specifications.		-			
Ch # 27-15-i	15 mm thick sound liner	Per Sft	3,175	292.95		930,116.25
	Air Grill Providing and installation Return/Exhaust Air grilles made of specified material having horizontal and vertical adjustable deflecting bars, grilles with minimum of 75% free area complete in all respects as approved and directed by the Engineer Incharge .		-			
Ch# 27-17-a-ii	Air Grilles with 1.2 mm thick electrostatic powder coated	Per Sft	246	3,400.80		836,596.80

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	Air Diffusers Providing and installation Air Diffuser made of specified material (of any shape, round, square, rectangular or linear and furnished with multi-louver type volume dampers in neck controlled from face of the diffusers) complete in all respects as approved and directed by the Engineer Incharge.		-			
Ch# 27-18-a-ii	Air Diffusers with 1.2 mm thick electrostatic powder coated	Per Sft	722	3,340.80		2,412,057.60
Ch# 27-18-a-iii	Linear Slot Diffuser (1" x 3 Slot)	Per Sft	45	1,089.60		49,032.00
	Fresh / Exhaust Air Louvers Supply & Installation of Powder coated / extruded anodized rectangular / Square aluminum louver duly fixed in frame of specified thickness for intake / Exhaust air with fine finishing as approved and directed by Engineer Incharge.		-			
Ch# 27-19	Fresh / Exhaust Air Louvres	Per Sft	869	1,123.55		976,364.95
	Damper Providing and installing opposed blade Dampers (Air-Handler) , of Prime Quality G.I sheet of specified thickness,(The quadrant volume damper shall bemuti-leaf type, with a mximum bladewidth of 8", heavy duty quadrant operators of brass with stand off mountings on thermally insulated ducts to provide clearance between the duct surface and operator, equal to the thickness of the insulation , capable of being locked at desired position conveniently, provided with a baked enamel finish complete in all respects as approved and directed by the Engineer Incharge (16SWG)		-			
Ch# 27-20-a-i	Volume Control Dampers	Per Sft	870	4,185.60		3,641,472.00
Ch# 27-20-a-ii	Fire Dampers (with UL listed fuseable link)	Per Sft	317	3,564.55		1,129,962.35
Ch# 27-20-a-iii	Motorized Fire & Smoke Dampers (with accuator)	Per Sft	33	4,898.15		161,638.95
Ch# 27-20-a-iv	Motorized Volume Control Dampers (with accuator)	Per Sft	190	4,898.15		930,648.50
Ch# 27-20-a-v	Back Draft Dampers	Per Sft	191	3,534.65		675,118.15
	Flexible Duct Connector Supply & Installation of duct flexible connector of specified material and coatings and width as per drawings with all accessories and fittings complete in all respect as approved and directed by Engineer Incharge.		-			
Ch# 27-21-b-i	Glassfiber with Neoprene Coating (9" wide)	Per Rft	2,345	537.80		1,261,141.00
	Fresh Air Filters Supply & Installation of washable aluminum metal mesh filter consists primarily of layers of aluminum slit and expanded into mesh of differing densities duly fixed in frame of specified thickness for AHUs fabricated with min. 12 mesh layers at fresh air intake on outside of AHU as approved and directed by Engineer Incharge.		-			
Ch# 27-23-ii	2" Thick	Per Sft	362	799.25		289,328.50

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	Fans Providing and fixing Copper winded Exhaust fan with louver and shutter made of Pak/Younas/G.F.C. i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge.		-			
Ch # 24-102-b-i	Steel body 12" sweep (300 CFM, 0.3 In WC)	No	1	5,516.75		5,516.75
	uPVC (Un Plasticized Polyvinyl Chloride) Piping Providing, laying, testing and commissioning µ-PVC (Un plasticized Polyvinyl Chloride) Pressure pipe of nominal diameter, conforming to PS-3051/BS-3505, Dadex/Popular / Beta or approved equivalent manufacturer, i/c the cost of solvent and specials complete as approved and directed by the Engineer Incharge. (Class-E)		-			
Ch# 23-15-b-ii	Dia 3/4 Inch	Rft	851	67.70		57,612.70
Ch# 23-15-b-iii	Dia 1 Inch	Rft	1,323	102.75		135,938.25
	uPVC (Un Plasticized Polyvinyl Chloride) Piping Providing, laying, testing and commissioning µ-PVC (Unplasticized Polyvinyl Chloride) Pressure pipe of nominal diameter, conforming to PS-3051/ BS-3505, Dadex/ Popular/ Beta or approved equivalent manufacturer, i/c the cost of solvent and specials complete as approved and directed by the Engineer Incharge. (Class-D)		-			
Ch# 23 -15-a-i	Dia 1-1/4 Inch	Rft	3,003	123.00		369,369.00
Ch# 23 -15-a-ii	Dia 1-1/2 Inch	Rft	450	156.90		70,605.00
Ch# 23 -15-a-iii	Dia 2 Inch	Rft	290	242.25		70,252.50
Ch# 23 -15-a-iv	Dia 3 Inch	Rft	580	514.00		298,120.00
	G.I Piping Providing, laying, cutting, jointing, testing and disinfecting G.I. pipeline in trenches, with socket joints, using G.I. pipes of B.S.S. 1387-1967 complete in all respects, with specials and valves. (Medium Quality)		-			
Ch# 23-19-A-2-v	Dia 1-1/2 Inch	Rft	294	626.25		184,117.50
Ch# 23-19-A-2-vi	Dia 2 Inch	Rft	441	872.70		384,860.70
Ch# 23-19-A-2-vii	Dia 2-1/2 Inch	Rft	147	1,107.85		162,853.95
	Refrigerant Pipes Supply and Installation of Gas & Liquid Copper Piping of specified size and thickness including the cost of Fittings, Welding Complete clamps/hangers/supports,testing charges and all other related material for installation purpose complete in all respect as approved and directed by the Engineer Incharge		-			
Ch # 23-47-i	Dia 1/4" Inch	Per Rft	1,129	222.75		251,484.75
Ch # 23-47-ii	Dia 3/8" Inch	Per Rft	1,586	320.30		507,995.80
Ch # 23-47-iii	Dia 1/2" Inch	Per Rft	1,213	427.45		518,496.85
Ch # 23-47-iv	Dia 5/8" Inch	Per Rft	2,525	534.70		1,350,117.50
Ch # 23-47-v	Dia 3/4" Inch	Per Rft	478	651.85		311,584.30

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
Ch # 23-47-vi	Dia 7/8" Inch	Per Rft	1,082	1,136.30		1,229,476.60
Ch # 23-47-vii	Dia 1" Inch	Per Rft	473	1,419.45		671,399.85
Ch # 23-47-viii	Dia 1-1/8" Inch	Per Rft	998	1,681.50		1,678,137.00
Ch # 23-47-ix	Dia 1-1/4" Inch	Per Rft	168	1,952.35		327,994.80
Ch # 23-47-x	Dia 1-3/8" Inch	Per Rft	19	2,245.05		42,655.95
Ch # 23-47-xi	Dia 1-1/2" Inch	Per Rft	184	2,638.35		485,456.40
Ch # 23-47-xii	Dia 1-3/4" Inch	Per Rft	462	3,307.05		1,527,857.10
Ch # 23-47-xiii	Dia 2" Inch	Per Rft	19	3,723.35		70,743.65
	Pipe Hangers and Supports Supply, Installation & Testing of hangers and supports, of approved manufacturers Fischer, Greenman, Sikla or equivalent for MEP pipes, i/c the cost of Anchors, Threaded Rods, Nuts & Bolts, Washer and other accessories as per manufacturer recommendations complying MSS SP 58 / BS 3974 complete in all respect and as approved by the Engineer Incharge.		-			
	a. Isophonic Pipe Clamp		-			
Ch# 23-62-a-ii	Dia 3/4 Inch	Each	106	1,329.95		140,974.70
Ch# 23-62-a-iii	Dia 1 Inch	Each	165	1,335.95		220,431.75
Ch# 23-62-a-iv	Dia 1-1/4 Inch	Each	375	1,359.95		509,981.25
Ch# 23-62-a-v	Dia 1-1/2 Inch	Each	56	1,843.90		103,258.40
Ch# 23-62-a-vi	Dia 2 Inch	Each	36	1,861.90		67,028.40
	d. U Strap/ U Bolt		-			
Ch# 23-62-d-v	Dia 1-1/2 Inch	Each	37	2,137.90		79,102.30
Ch# 23-62-d-vi	Dia 2 Inch	Each	55	2,197.90		120,884.50
Ch# 23-62-d-vii	Dia 2-1/2 Inch	Each	18	2,920.60		52,570.80
	g. C Channel Supports		-			
Ch# 23-62-g-iii	41mmx41mmx2.0mm	Per Rft	275	2,194.80		603,570.00
	Cable Tray for Refrigerant Piping Providing and fixing specified deep cable tray with straight flange fabricated with perforated G.I. Sheet of specified guage,size and depth duly wall supported/ceiling hung on painted brackets of MS angle iron of 1"x1"x1/8" and MS patti of 1-1/2"x3/16" size @ 5 ft C/C, hangers i/c the cost of hardwares as approved and directed by the Engineer Incharge 16SWG					
24-97-b-i	4"x3"	Per Rft	120	545.65		65,478.00
24-97-b-ii	6"x3"	Per Rft	480	663.10		318,288.00
24-97-b-iii	8"x3"	Per Rft	132	706.65		93,277.80
24-97-b-iv	10"x3"	Per Rft	83	767.05		63,665.15
	Cable Tray for Refrigerant Piping Providing and fixing 4" deep cable tray with straight flange fabricated with perforated G.I. Sheet of specified guage,size and depth duly supported on painted brackets of MS angle iron of 1-1/2"x1-1/2"x3/16"and MS patti of 1-1/2"x3/16" size @ 3 ft C/C, hangers i/c the cost of hardwares as approved and directed by the Engineer Incharge. 14SWG					
24-99-i	12"x4"	Per Rft	160	1,307.05		209,128.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	Cable Tray Cover for Refrigerant Piping Providing and fixing screwless cable tray cover fabricated with 18 SWG G.I. Sheet of required size i/c the cost of hardware as approved and directed by the Engineer Incharge.					
24-100-ii	4" wide	Per Rft	120	117.95		14,154.00
24-100-iii	6" wide	Per Rft	480	148.05		71,064.00
24-100-iv	8" wide	Per Rft	132	180.10		23,773.20
24-100-v	10" wide	Per Rft	83	223.80		18,575.40
24-100-vi	12" wide	Per Rft	160	253.95		40,632.00
	Painting new surface Preparing surface and painting corrugated surface, patent roofing, etc.	-				
Ch# 13-5-a-i	priming coat.	Sft	2,481	20.1290		49,940.05
Ch# 13-5-a-ii	each subsequent coat of paint.	Sft	2,481	12.7510		31,635.23
NON-SCHEDULED ITEMS						
	Air Handling Units (AHUs) Supply, installation, testing and commissioning of floor mounted /ceiling suspended DX air handling units Eurovent certified, modular construction using extruded aluminum profiles with excellent rigidity. panels are of double wall construction galvanized steel with 50mm polyurethane foam insulation of 48 kg/cu.m density. fan shall be centrifugal statically and dynamically balanced, electric motor are of IE-3 standard in squirrel cage with VFD to modulate air flow as per requirement, TEFC, IP 55 and class F insulation. Fan and motor assemblies are mounted on anti vibration isolator including expansion valves, vibration isolators (spring /pad type). coils are constructed out of corrugated aluminum fins and seamless copper tubes, G4, F8 filters and mixing box with fresh and return air dampers, control cable from AHU to condensing unit, hangers, supports, complete in all respect as Shown on drawings, in accordance with the equipment schedule and Specifications.					
	AHU-01 (5030 CFM, 2 ESP)	No	1	5,788,323		5,788,323.00
	AHU-02 (10061 CFM, 2 ESP)	No	1	8,212,421		8,212,421.00
	AHU-03 (3057 CFM, 2 ESP)	No	1	4,852,272		4,852,272.00
	AHU-04 (3057 CFM, 2 ESP)	No	1	4,852,272		4,852,272.00
	AHU-05 (7820 CFM, 2 ESP)	No	1	7,015,134		7,015,134.00
	AHU-06 (13538 CFM, 2 ESP)	No	1	10,436,492		10,436,492.00
	AHU-07 (8999 CFM, 2 ESP)	No	1	8,165,135		8,165,135.00
	AHU-08 (13147 CFM, 2 ESP)	No	1	9,051,978		9,051,978.00
	AHU-09 (9021 CFM, 2 ESP)	No	1	7,679,387		7,679,387.00
	AHU-10 (10438 CFM, 2 ESP)	No	1	9,262,647		9,262,647.00
	AHU-11 (10815 CFM, 2 ESP)	No	1	9,254,646		9,254,646.00
	AHU-12 (11589 CFM, 2 ESP)	No	1	9,789,360		9,789,360.00
	AHU-13 (8941 CFM, 2 ESP)	No	1	7,683,627		7,683,627.00
	AHU-14 (14290 CFM, 2 ESP)	No	6	10,820,625		64,923,750.00
	FAHU-01 (3300 CFM, 2 ESP)	No	1	5,144,873		5,144,873.00
	FAHU-02 (1200 CFM, 2 ESP)	No	1	4,284,674		4,284,674.00
	Centerlized Controler for DX AHUs & CUs supply, installation, testing, and commissioning of Auto Control System for DX AHUs & CUs System with wiring, Conduiting etc. complere in all respects.	No	1	1,379,413		1,379,413.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Ducted type ceiling concealed indoor units (DSAC) supply, installation, testing, and commissioning of DX type ducted ceiling concealed units, acoustically insulated with 25mm polyethylene foam, hydronic coil seamless copper tubes bonded into aluminum fins, rigid brass adaptors, washable filter, refrigerant espansion valve, 3 speed fractional motor and double inlet double width centrifugal forward curved blower statically and dynamically balanced. extended drain pan with outside surface insulated. coil end connections are changeable as per site requirement complete in all respect including touch screen thermostat, hangers, supports complete in all respect as Shown on drawings, inaccordance with the equipment schedule and Specifications.					
	DSAC 1-1	No	1	256,855		256,855.00
	DSAC 1-2	No	1	185,727		185,727.00
	DSAC 1-3	No	1	180,607		180,607.00
	DSAC 1-4	No	1	185,727		185,727.00
	DSAC 1-5	No	1	155,942		155,942.00
	DSAC 1-6	No	1	185,727		185,727.00
	DSAC 1-7	No	1	185,727		185,727.00
	DSAC 1-8	No	1	180,607		180,607.00
	DSAC 1-9	No	1	180,607		180,607.00
	DSAC 1-10	No	1	155,942		155,942.00
	DSAC 2-1	No	1	180,607		180,607.00
	DSAC 2-2	No	1	155,942		155,942.00
	DSAC 2-3	No	1	180,607		180,607.00
	DSAC 2-4	No	1	180,607		180,607.00
	DSAC 2-5	No	1	180,607		180,607.00
	DSAC 2-6	No	1	155,942		155,942.00
	DSAC 2-7	No	1	180,607		180,607.00
	DSAC 2-8	No	1	180,607		180,607.00
	DSAC 2-9	No	1	180,607		180,607.00
	DSAC 3-1 to DSAC 3-2	No	2	256,855		513,710.00
	DSAC 3-3 to DSAC 3-4	No	2	256,855		513,710.00
	DSAC 3-5 to DSAC 3-6	No	2	256,855		513,710.00
	DSAC 3-7 to DSAC 3-8	No	2	256,855		513,710.00
	DSAC 3-9 to DSAC 3-10	No	2	256,855		513,710.00
	DSAC 3-11 to DSAC 3-12	No	2	256,855		513,710.00
	DSAC 4-1 to DSAC 4-2	No	2	256,855		513,710.00
	DSAC 5-1 to DSAC 5-2	No	2	256,855		513,710.00
	DSAC 6-1 to DSAC 6-4	No	4	185,727		742,908.00
	DSAC 7-1 to DSAC 7-4	No	4	180,607		722,428.00
	DSAC 8-1 to DSAC 8-2	No	2	185,727		371,454.00
	DSAC 9-1 to DSAC 9-3	No	3	180,607		541,821.00
	DSAC 9-4 to DSAC 9-7	No	4	180,607		722,428.00
	Centerlized Controler for VRF supply, installation, testing, and commissioning of Auto Control System for VRF System with wiring, Conduiting etc. complere in all respects.	No	1	2,457,298		2,457,298.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Condensing Units (CUs) Supply, installation, testing and commissioning of Air Cooled Scroll Compressor Inverter Type Condensing Units (VRF) as specified & scheduled as specified and scheduled including interconnecting filter dryers, sight glasses, isolation valves, control valves, PCB Kits/ control kits, fittings, y joints, control wiring etc. complete with un-loading, lifting, placing at foundations including vibration isolators and concrete foundation complete in all respects as shown on the drawings.					
	CU-01 (16 TR) DX AHU	No	1	4,951,190		4,951,190.00
	CU-02 (34 TR) DX AHU	No	1	9,215,821		9,215,821.00
	CU-03 (14 TR) DX AHU	No	1	4,251,255		4,251,255.00
	CU-04 (14 TR) DX AHU	No	1	4,251,255		4,251,255.00
	CU-05 (21 TR) DX AHU	No	1	5,315,889		5,315,889.00
	CU-06 (53 TR) DX AHU	No	1	13,432,029		13,432,029.00
	CU-07 (33 TR) DX AHU	No	1	9,215,821		9,215,821.00
	CU-08 (29 TR) DX AHU	No	1	8,228,021		8,228,021.00
	CU-09 (25 TR) DX AHU	No	1	6,857,609		6,857,609.00
	CU-10 (44 TR) DX AHU	No	1	9,945,217		9,945,217.00
	CU-11 (49 TR) DX AHU	No	1	10,254,042		10,254,042.00
	CU-12 (35 TR) DX AHU	No	1	9,230,720		9,230,720.00
	CU-13 (24 TR) DX AHU	No	1	5,401,221		5,401,221.00
	CU-13A (45 TR) DX AHU	No	6	9,945,217		59,671,302.00
	CU-14 (34 TR) DX AHU	No	1	9,230,720		9,230,720.00
	CU-15 (12 TR) DX AHU	No	1	4,001,011		4,001,011.00
	CU-16 (19 TR) VRF	No	1	2,173,513		2,173,513.00
	CU-17 (13 TR) VRF	No	1	1,460,202		1,460,202.00
	CU-18 (08 TR) VRF	No	1	1,300,207		1,300,207.00
	CU-19 (08 TR) VRF	No	1	1,300,207		1,300,207.00
	CU-20 (08 TR) VRF	No	1	1,300,207		1,300,207.00
	CU-21 (08 TR) VRF	No	1	1,300,207		1,300,207.00
	CU-22 (08 TR) VRF	No	1	1,300,207		1,300,207.00
	CU-23 (08 TR) VRF	No	1	1,300,207		1,300,207.00
	CU-24 (08 TR) VRF	No	1	1,300,207		1,300,207.00
	CU-25 (08 TR) VRF	No	1	1,300,207		1,300,207.00
	CU-26 (14 TR) VRF	No	1	1,566,865		1,566,865.00
	CU-27 (15 TR) VRF	No	1	2,060,183		2,060,183.00
	DX Type Split Air Conditioners Supply, installation, testing and commissioning of DC Inverter DX Units with condensing unit split type air conditioning unit of following capacities including thermostat controls, control cabling and outdoor unit frame / bracket coated with red oxide. The units to be factory charged with refrigerant gas complete in all respect as specified & scheduled including un-loading, lifting, placing at locations as shown on the drawings					
	High Static Ducted Split Type Air Conditioner Capacity: 1.0 TR (Cool Only)	No	14	404,699		5,665,786.00
	High Static Ducted Split Type Air Conditioner Capacity: 2.0 TR (Cool Only)	No	4	404,699		1,618,796.00
	High Static Ducted Split Type Air Conditioner Capacity: 2.0 TR	No	7	404,699		2,832,893.00
	Wall Mounted Type Air Conditioner Capacity: 1.0 TR	No	2	181,300		362,600.00
	Wall Mounted Type Air Conditioner Capacity: 1.5 TR	No	2	214,478		428,956.00
	Wall Mounted Type Air Conditioner Capacity: 2.0 TR	No	7	286,364		2,004,548.00
	Floor Standing Type Air Conditioner Capacity: 4.0 TR	No	12	756,385		9,076,620.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	Sound Attenuator / Silencers (SA) Supply, installation testing and commissioning of sound attenuator(Silencers) in supply ducts of hygienic design having aerodynamically profiled frame, profile parts made of galvanized steel sheet, having acoustic media mineral wool having density not less than 30 Kg/m3, not combustible Complete as specified in the specification including unloading, lifting, placing and fixing at locations as shown in drawings in accordance with the equipment schedule.					
	SA-1	No	1	155,007		155,007.00
	SA-2	No	1	209,879		209,879.00
	SA-3	No	1	104,895		104,895.00
	SA-4	No	1	104,895		104,895.00
	SA-5	No	1	167,535		167,535.00
	SA-6	No	1	216,394		216,394.00
	SA-7	No	1	203,031		203,031.00
	SA-8	No	1	237,566		237,566.00
	SA-9	No	1	171,711		171,711.00
	SA-10	No	1	208,251		208,251.00
	SA-11	No	1	167,535		167,535.00
	SA-12	No	1	248,967		248,967.00
	SA-13	No	1	235,395		235,395.00
	SA-14	No	1	108,027		108,027.00
	SA-15	No	1	54,783		54,783.00
	SA-16	No	9	258,738		2,328,642.00
	Fans Supply, Installation, Testing & Commissioning of Exhaust air, Fresh air, Staircase pressurization, Ventilation & Smoke Extraction Fans of type & characteristics specified in equipment schedule, including fittings, fixing, hanger, supports complete in all respects as specified and shown on drawings.					
	EF-01	No	1	368,798		368,798.00
	EF-02	No	1	346,205		346,205.00
	EF-02A	No	1	346,205		346,205.00
	EF-03 to EF-08	No	6	166,125		996,750.00
	EF-09 to EF-10	No	2	166,125		332,250.00
	EF-11	No	1	301,224		301,224.00
	EF-12	No	1	166,125		166,125.00
	EF-13	No	1	245,201		245,201.00
	EF-14	No	1	346,205		346,205.00
	EF-15	No	1	637,256		637,256.00
	EF-16	No	1	346,205		346,205.00
	SF-01 to SF-06	No	6	148,184		889,104.00
	PEF-01	No	1	69,108		69,108.00
	PEF-02 (Explosion Proof Motor)	No	1	319,963		319,963.00
	SMEF-01/ 02	No	2	2,688,567		5,377,134.00
	SMEF-03 to SMEF-11	No	9	1,335,977		12,023,793.00
	SMEF-12	No	1	581,238		581,238.00
	SMEF-13	No	1	581,238		581,238.00
	SMEF-14	No	1	1,335,977		1,335,977.00
	SMEF-15	No	1	808,231		808,231.00
	SMEF-16	No	1	1,335,977		1,335,977.00
	BEAF - 01A/ 01B With VFD	No	2	4,177,047		8,354,094.00
	BFAF-12 With VFD	No	2	3,272,131		6,544,262.00
	BJF-1-1 to BJF-1-8	No	8	257,162		2,057,296.00
	SPF-1-1 to 1-4	No	4	800,058		3,200,232.00
	LPF -01 to LPF -06	No	6	1,335,977		8,015,862.00
	FAF-01A With VFD	No	1	199,151		199,151.00
	FAF-01B With VFD	No	1	199,151		199,151.00
	FAF-01C With VFD	No	1	199,151		199,151.00
	FAF-01D With VFD	No	1	199,151		199,151.00
	FAF-02A With VFD	No	1	405,810		405,810.00
	FAF-02B With VFD	No	1	449,003		449,003.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	FAF-02C With VFD	No	1	405,810		405,810.00
	FAF-02D With VFD	No	1	199,151		199,151.00
	FAF-03A With VFD	No	1	405,810		405,810.00
	FAF-03B With VFD	No	1	449,003		449,003.00
	FAF-03C With VFD	No	1	449,003		449,003.00
	Air Curtains (ACN) Supply, installation testing and commissioning of Air Curtains as specified and scheduled. Complete in all respects as shown on drawings.					
	ACN-1 (Size - 4 Feet)	No	1	73,274		73,274.00
	ACN-2 (Size - 6 Feet)	No	8	89,863		718,904.00
	Auto Temperature Control System Supply, installation testing and commissioning of Temperature and Auto-Controls System detailed as:					
	Supply, installation testing and commissioning of Auto control system for each DX AHU complete with DDC stand alone controllers, temperature sensors, thermostat, humidity sensors, CO2 sensors, smoke detectors, control transformers, pressure differential switches, current sensors, damper actuators, etc. and including control transformers, control wiring and conduiting complete as per specifications and as shown on control schematic diagrams.					
	Controls for DX AHUs/FAHU	No	24	2,143,808		51,451,392.00
	Supply, installation testing and commissioning of Auto control system for Fans complete with DDC stand alone controllers detectors, control transformers, pressure differential switches, current sensors, damper actuators etc. and including control transformers, control wiring and conduiting complete as per specifications and as shown on control schematic diagrams.	Set	1	14,616,941		14,616,941.00
	Supply, installation testing and commissioning of Supervisory Control System Complete with DDC Monitoring Controller with Built-In Licensed Software, Main Bus-Link, Computer Host Terminal with Display Monitor/Keyboard/Printer including cables and conduiting as shown on Control Schematic Diagram.	Set	1	14,994,083		14,994,083.00
	Testing & Commissioning of all Sets of Auto Control System for Air Handling Units, Plant Room & Supervisory Monitoring System	Job	1	950,770		950,770.00
	Energy Recovery Ventilator (ERV) Supply, installation testing and commissioning of Energy Recovery Ventilator (Plate Type) with VSD, Fresh Air Louvers, G4 Mesh Filters, hangers, supports etc. complete in all respect as Shown on drawings and according to equipment schedule and Specifications.					
	ERV-01 & 02	No	2	5,424,931		10,849,862.00
	ERV-03	No	1	6,019,262		6,019,262.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Variable Air Volume (VAVs) Supply, installation, testing, and commissioning of Variable Air Volume boxes with dedicated stand alone micro processor based pressure independent controller, built in velocity sensor, actuator, stand alone direct digital controller, wall mounted thermostat with CO2 sensor, Damper and Controller blade assembly shall be made from extruded anodized aluminum, hangers, supports complete in all respects as shown on drawings, according to equipment schedule and specifications.					
	VAV-1	No	4	387,554		1,550,216.00
	VAV-2	No	4	387,554		1,550,216.00
	VAV-3	No	3	390,786		1,172,358.00
	VAV-4	No	2	392,134		784,268.00
	VAV-5	No	1	391,515		391,515.00
	VAV-6	No	1	402,187		402,187.00
	VAV-7	No	2	402,187		804,374.00
	VAV-8	No	1	403,223		403,223.00
	VAV-9	No	2	414,016		828,032.00
	VAV-10	No	1	454,185		454,185.00
	Stainless Steel 304 Duct Work for Kitchen Supply, Installation, Testing & Commissioning of Stainless Steel 304 Ductwork complete with splitter dampers, bracings, and hangers support complete in all respects as specified and shown on drawings.					
	US Gauge 24	Per Sft	315	947		298,305.00
	Wall mounted domestic Kitchen Hood: Supply, installation, testing & Commissioning of Stainless Steel Kitchen hood complete with grease filters, light, fan, removable drain pan, flexible duct, accessories and hangers supports etc.as shown on drawings and complete in all respects" Make: HAIER, DAWALANCE, NASGAS, CANON Or Approved Equivalent.	No	10	48,539		485,390.00
	Fire Stopping and Intumescent Sleeves Providing and fixing up to two (2) hour rated fire stopping measures for ducts /pipes passing through protection zone floor /walls including all required fillers,etc. for all MEP Rooms Complete in all respects.	Job	1	395,432		395,432.00
	Inspection, & Air Balancing of complete system Including permanent By-pass for Flushing	Job	1	1,800,900		1,800,900.00
	FIRE FIGHTING SYSTEM					
	SCHDEULE ITEM					
	HDPE Pipes Providing, laying, cutting, jointing, testing and disinfecting High ensity Polyethylene Pipe (HDPE-100) working presure pipe onforming to standard ISO 4427, DIN 8074 / 8075, PS 3580, Beta/ Dadex /Popular /IIL or approved equivalent manufacturer, including the cost of specials, intrenches, as approved & directed by the Engineer incharge, complete in all respects.					
23-30-e-9	HDPE PN-16 Pipe Dia 110mm	Per Rft	120	793.80		95,256.00
23-30-e-10	HDPE PN-16 Pipe Dia 160mm	Per Rft	1,450	1,670.55		2,422,297.50

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	Mild steel (M.S) Piping Providing, laying, testing and commissioning of Grade-B,MS Seamless Schedule pipe of nominal diameter, conforming to ASTM-A106,Lontrin/ Hufaz /Pecific baolai or approved equivalent manufacturer,duly welded i/c the cost of specials complete as approved and directed by the Engineer Incharge.					
23-34-iii	Dia 1 Inch	Per Rft	6,832	406.95		2,780,282.40
23-34-iv	Dia 1-1/4 Inch	Per Rft	589	517.45		304,778.05
23-34-v	Dia 1-1/2 Inch	Per Rft	865	653.50		565,277.50
23-34-vi	Dia 2 Inch	Per Rft	1,272	865.95		1,101,488.40
23-34-vii	Dia 2-1/2 Inch	Per Rft	2,044	1,301.80		2,660,879.20
23-34-viii	Dia 3 Inch	Per Rft	790	1,753.40		1,385,186.00
23-34-ix	Dia 4 Inch	Per Rft	1,341	2,434.60		3,264,798.60
23-34-xi	Dia 6 Inch	Per Rft	553	4,226.45		2,337,226.85
23-34-xii	Dia 8 Inch	Per Rft	76	6,224.85		473,088.60
	Gate Valve Providing and fixing heavy duty Gate valve of specified diameter and material for pressure rating PN-16 mde of Crane (USA), Hatersly (UK), Scon (Pakistan) or approved equivalent manufacturer, i/c the cost of all accessories flanges,nut/bolt and gaskit where required complete in all respect as approved and directed by the Engineer Incharge.					
23-42-a-iii	Dia 1 Inch	Each	2	5,025.60		10,051.20
23-42-a-vi	Dia 2 Inch	Each	2	14,500.80		29,001.60
	Air Vents Supply & installation of heavy duty Brass PN-16 air Vents of specified size provided at the highest points (Pipe Risers) to expel air as approved and directed by the Engineer Incharge.					
23-45-a-iii	Dia 1 Inch (Automatic)	Each	1	2,222.40		2,222.40
23-53	Bitumen Coating Two Coats of Bitumen Grade 80/100 (40 Lbs/100Sft)(NRL/PARCO /Attock) and Wrapping of Polythene (500 gauge) on M.S. Pipe.	Sft	216	103.50		22,355.46
	Fire Extinguisher Providing and fixing of fire extinguishers and fire blanket of following type and capacities complete in all respect as approved and directed by the Engineer Incharge					
23-54-i	Dry Chemical Powder capacity 6 Kg.	Each	13	13,329.60		173,284.80
23-54-ii	CO2 Capacity 5 kg.	Each	13	33,067.20		429,873.60
23-54-iii	HFC Type Capacity 6kg	Each	7	81,186.00		568,302.00
23-54-iv	K-Type wet chemical capacity 6 Litters.	Each	5	48,232.80		241,164.00
23-54-v	Fire Blanket, White Color, with Black Strip, Hard Flat PVC Case in Red Color, of 4ft x 6ft size	Each	5	10,609.20		53,046.00
	Fire Sprinklers Supply, install, test and maintain as per specifications and as shown on drawings, sprinkler heads pendant combination with ceiling flush plate rosette type, rated at 68C, chrome plated, K-factor 5.6, UL/FM approved including other accessories necessary to complete the work.					
23-55-i	Pendant sprinkler head size 1/2" C/W Ceiling Flush Plate @ 68C	Each	1,163	2,281.20		2,653,035.60
23-55-ii	Pendant sprinkler head size 1/2" C/W Ceiling Flush Plate @ 93C	Each	12	2,410.80		28,929.60

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	Gate Valves Providing and fixing of UL listed /FM approved OS & Y type D.I Gate valve (Flanged End) of specified diameter and working pressure 250 PSI rating, i/c the cost of all accessories flanges, nut/bolt and gaskit where required complete in all respect as approved and directed by the Engineer Incharge.					
23-56-i	Gate Valve Dia 2-1/2"	Each	7	73,826.00		516,782.00
23-56-iii	Gate Valve Dia 4"	Each	7	105,293.30		737,053.10
23-56-iv	Gate Valve Dia 6"	Each	4	171,229.65		684,918.60
	Gate Valves Providing and fixing of UL listed /FM approved NRS type D.I Gate valve (Flanged End) of specified diameter and working pressure 250 PSI rating, i/c the cost of all accessories flanges, nut/bolt and gaskit where required complete in all respect as approved and directed by the Engineer Incharge					
23-57-i	Gate Valve Dia 2-1/2"	Each	4	75,339.20		301,356.80
23-56-iii	Gate Valve Dia 4"	Each	6	99,316.10		595,896.60
23-57-iv	Gate Valve Dia 6"	Each	4	168,338.85		673,355.40
	Check Valves Providing and fixing of UL listed /FM approved D.I Check valve (Flanged End, swing type) of specified diameter with working pressure 250 PSI, i/c the cost of all accessories flanges, nut/bolt and gaskit where required complete in all respect as approved and directed by the Engineer Incharge					
23-58-i	Dia 2-1/2"	Each	1	44,062.40		44,062.40
23-58-iv	Dia 6"	Each	4	150,205.65		600,822.60
	Strainers Providing and fixing of UL listed /FM approved D.I Y-Strainer (Flanged End) of specified diameter with working pressure 250 PSI, i/c the cost of all accessories flanges, nut/bolt and gaskit where required complete in all respect as approved and directed by the Engineer Incharge					
23-59-ii	Y Strainer Dia 8"	Each	1	281,224.05		281,224.05
	Pipe Flexible Joints Providing and fixing of stainless steel flexible joint of specified diameter, i/c the cost of all accessories flanges, nut/bolt and gaskit where required complete in all respect as approved and directed by the Engineer Incharge.					
23.60-ii	Dia 2-1/2"	Each	2	30,001.20		60,002.40
23.60-iv	Dia 4"	Each	1	53,710.80		53,710.80
23.60-v	Dia 6"	Each	6	75,402.00		452,412.00
	Pipe Hanger & Supports Supply, Installation & Testing of hangers and supports, of approved manufacturers Fischer, Greenman, Sikla or equivalent for MEP pipes, i/c the cost of Anchors, Threaded Rods, Nuts & Bolts, Washer and other accessories as per manufacturer recommendations complying MSS SP 58 / BS 3974 complete in all respect and as approved by the Engineer Incharge.					
	b. Loop Hangers					
23-62-a-iii	1" Dia	Each	422	1,329.95		561,238.90
23-62-a-iv	1-1/4" Dia	Each	551	1,347.95		742,720.45
23-62-a-v	1-1/2" Dia	Each	272	1,831.90		498,276.80
23-62-a-vi	2" Dia	Each	211	1,849.90		390,328.90
23-62-a-vii	2-1/2" Dia	Each	155	2,596.60		402,473.00
23-62-a-viii	3" Dia	Each	98	2,644.60		259,170.80
23-62-a-ix	4" Dia	Each	98	3,636.50		356,377.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	c. Clevis Hangers					
23-62-c-xi	6" Dia	Each	172	7,376.05		1,268,680.60
23-62-c-xii	8" Dia	Each	14	9,836.05		137,704.70
	f. Saddle Supports					
23-62-f-ix	4" Dia	Each	17	4,261.70		72,448.90
23-62-f-xi	6" Dia	Each	31	7,454.20		231,080.20
23-62-f-xii	8" Dia	Each	4	8,784.05		35,136.20
	g. C-Channel Supports					
23-62-g-iv	41mmx62mmx2.5mm	Per RFT	59	3,403.30		200,794.70
27-02	Exhaust Flue Duct Supplying, fabrication and installation of round flue duct of specified diameter, using prime quality MS sheet of 12 SWG duly welded i/c the cost of hangers, tees, bends, reducers, elbows, mounting supports @ 6ft c/c complete in all respects as approved and directed by the Engineer Incharge.	Sft	190	732.80		139,232.00
	Flue Duct Insulation Supply, wrapping of 3" thick foil-faced Rock wool thermal Insulation of nominal density with built in GI wire mesh as per specifications and drawings conforming to BS5422:2009 complete in all respects approved and directed by the Engineer Incharge					
27-05-i	30-40 kg/m3	Sft	238	135.30		32,201.40
	Duct / Pipe Cladding Supply & Installation of multi layer aluminum sheet jacketting of specified thickness, coated with UV (Ultra Violet) protection & polymer backing having salt water resistance and fire performance conforming to ASTM-C1729M over exposed duct / pipe insulations where required and specified i/c the cost of Metal banding solution sealant as approved and directed by Engineer Incharge.					
27-8-iii	0.5 mm Thick	Sft	354	181.95		64,410.30
	Painting new surface Preparing surface and painting corrugated surface, patent roofing, etc.					
13-05-a-i	priming coat.	Sft	3,155	20.13		63,507.00
13-05-a-ii	each subsequent coat of paint.	Sft	3,155	12.75		40,229.41
03-07-1-b-i	Earthwork excavation in open cutting upto 5'-0" (1.5 m) depth for storm water channels, drains, sullage drains in open areas, roads, streets, lanes, including under pinning of walls and shoring to protect existing works, shuttering and timbering the trenches, dressed to designed level and dimensions, trimming, removal of surface water from trenches, back filling and surplus excavated material disposed of and dressed within 50 ft. (15 m) lead:- 1) Upto 5' (1.5 meter) Depth B) By Mechanical Means i- Ordinary	Cft	13,514	12.93		174,793.45
NON-SCHEDULED ITEMS						
	Fire Protection Pumps					

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Supply, Install, testing & Commissioning of Fire pumps split horizontal case Type, including control panel, Casing relief valve, Suction / Discharge pressure gages, Pressure Switches, Pressure Sensors, automatic air release valve, wafer type check valve, drain cocks, base frame concrete foundation with viberation isolator complete in all respect as per specifications and shown on drawings. Confirming to NFPA 20 Standards, UL/FM Approved.					
	Fire Pump (Main Duty)					
	Supply, Install, testing & Commissioning of duty Fire pump (Electric Driven), with Squirrel Cage Induction Type Motor, enclosure class IP55, Insulation class F, Electric Controller UL/FM Approved complete in all respect with capacity 750 US GPM @ 10.5 bar pressure.	Set	1	27,177,191		27,177,191.00
	Fire Pump (Stand by)					
	Supply, Install, testing & Commissioning of Fire pump stand by Centrifugal (Diesel Driven) Pump Including Diesel Engine Set, Automatic Diesel Engine Controller UL/FM Approved, Fuel tank, Fuel Pump including luricating & exhaust system complete in all respect as per specifications and shown on drawings with capacity 750 US GPM @ 10.5 bar pressure.					
	Jockey Pump					
	Supply, Install, testing & Commissioning of Vertical Multi Stage Type Electric Driven Jockey Pump with Controller complete in all respect as per specifications and shown on drawings with capacity 20 US GPM @ 11 Bar Head.					
	External Fire Hydrants Supply, install, testing & Commissioning of External Fire Hydrant Double Delivery Type with Hose Cabinet Including Two Nos of 2-1/2"x100 feet high Pressure Hose With Nozzle complete in all respects as specified and as shown on drawings.	No	6	511,931.00		3,071,586.00
	Internal Hose Reel with Cabinets Supply, install, testing & Commissioning of Double compartment fire hose cabinet with 1" dia hose reel, fire hose, nozzle, angle valve, pressure reducing valve, lock shield valve in upper conmpartment, 2-1/2" landing valve, with 2-1/2"x100 feet pipe with nozzle etc. in lower compartment, powder coated, red finish, glass front and other accessories complete in all respect as specified and as shown on drawings.	No	14	397,835.00		5,569,690.00
	Floor Control Valve Assembly Supply, install, test and maintain as per specifications and as shown on drawings, including flow control valve with supervisory switch, check valve, pressure gauge, water flow switch, connection to fire alarm panel, testing valve, section drain valve, (wire to fire alarm control panel shall be FM/UL listed including all accessories necessary to complete the work.					
	FCVA Dia 3"	No	1	239,395.00		239,395.00
	FCVA Dia 4"	No	2	263,679.00		527,358.00
	FCVA Dia 6"	No	1	372,406.00		372,406.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Pressure Relief Valve Supply, Install, Test And Maintain As Per Specifications And As Shown On Drawings, Pressure Reducing Valve Shall Be FM/UL Listed Including All Accessories Necessary To Complete The Work.					
	Pressure Relief Valve Dia 4"	No	1	586,458.00		586,458.00
	Flow Meter Supply, Installation, testing & commissioning of Flow Meter UL Listed & FM Approved complete in all respects as shown on drawings					
	Flow Meter Dia 6"	No	1	502,978.00		502,978.00
	Siamese Connection Supply, Install, Test And Maintain Siamese Connection 2 Ways As Per BSS 5041-3 with complete pump bypass pipe line as shown on Drawings Including Cabinet With Breakable Glass, SS Frame, Drain Plug complete in all respects as shown on drawings.	No	1	103,279.00		103,279.00
	Alarm Check Valve Provide install, test and comissioning of 6inch (DN150) wet type alarm check valve having flange coupling and all necessary valves guages switches water motor alarm gong retard chamber and other necessary apputenances and shall be FM/UL listed complete in all respects as shown in drawings.	No	1	453,597.00		453,597.00
	Hydraulic Sprinkle Alarm Bell Supply, installation, testing and commissioning of hydrulically driven mechanical bell suitable for outdoor instalation including water motor, gong, striker, drive shaft, etc. complete in all respects as shown on drawing.	No	1	83,898.00		83,898.00
	Underground Water Tank Accessories Supply, Install, Test And Maintain water tank accessories including puddle flanges, level controller, anti vortex plate complete in all respects as shown on drawings in accordance with specifications & equipment schedule.	Lot.	1	664,480.00		664,480.00
	Fire Resistant Coating & Mortar Providing and fixing up to two (2) hour rated fire stopping measures arround the ducts /pipes passing through protection zone floor /walls including all required fillers, etc. for all MEP Rooms Complete in all respects.					
	Fire Stopping mortar for vertical/ Horizontal opening	Job	1	252,500.00		252,500.00
	PLUMBING WORKS					
	INTERNAL					
	Potable Pipeworks & accessories:					
Ch 23/ Pg-146/ 33/b	Providing, laying, testing and commissioning of POLYPROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe (Dadex /Popular/Beta or approved equivalent manufacturer, with specified pressure rating PN (PRESSURE NOMINAL)and conforming to DIN 8077-8078 code i/c cost of solvent, specials,making jharries complete in all respect as approved and directed byEngineer Incharge.(Internal/External Diameters mentioned) PN-20 pipe					
iii	32 mm -3/4" dia	Rft	3,090.00	162.10		500,889.00
iv	40 mm -1" dia	Rft	516.00	247.30		127,606.80
v	50 mm -1.25" dia	Rft	333.00	355.30		118,314.90
vi	63 mm - 1.5" dia	Rft	866.00	554.65		480,326.90

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
vii	75 mm - 2" dia	Rft	255.00	817.45		208,449.75
viii	90 mm -2.5" dia	Rft	85.00	1,178.45		100,168.25
Ch 23/ Pg-142/ 30/e	Providing, laying, cutting, jointing, testing and disinfecting High Density Polyethylene Pipe (HDPE-100) working presure pipe conforming to standard ISO 4427, DIN 8074 / 8075, PS 3580, Beta/ Dadex / Popular/ IIL or approved equivalent manufacturer, including the cost of specials, intrenches, as approved & directed by the Engineer incharge, complete in all respects.					
e)	PN-16 (SDR-11)					
1	25 mm	Rft	483.00	48.80		23,570.40
2	32 mm 1-1/4 " dia	Rft	26.00	76.60		1,991.60
3	40mm 1-1/2" dia	Rft	665.00	114.40		76,076.00
4	50mm 2" dia	Rft	273.00	173.50		47,365.50
5	63mm 2-1/2" dia	Rft	689.00	269.55		185,719.95
6	75mm 3" dia	Rft	754.00	373.55		281,656.70
	Drainage Pipeworks & accessories:					
Ch19 / Pg-118/ 44	Providing, fixing, testing and commissioning of µ-PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended / Z - Joints conforming to BS 4514 / BS 5255 - EN 1329 including thecost of specials and Solvents complete in all respects, as per drawings & specifications and / or as approved and directed by the Engineer Incharge.					
iii	50 mm 2" dia.	Rft	1,319.00	103.95		137,110.05
iv	82 mm 3" dia.	Rft	60.00	160.60		9,636.00
v	110 mm 4" dia.	Rft	4,469.00	254.30		1,136,466.70
Ch 23 / Pg-136 Item15	Providing, laying, testing and commissioning µ-PVC (Un plasticized Polyvinyl Chloride) Pressure pipe of nominal diameter, conforming to PS-3051/BS-3505, Dadex/Popular / Beta or approved equivalent manufacturer, i/c the cost of solvent and specials complete. As approved and directed by the Engineer Incharge.					
a	Class-D					
iii	2" dia	Rft	150.00	242.25		36,337.50
iv	3" dia	Rft	838.00	514.00		430,732.00
v	4" dia	Rft	1,367.00	855.15		1,168,990.05
vi	6" dia	Rft	1,548.00	1,229.05		1,902,569.40
Ch 09/ Pg 54 /Item 15	Khuras on roof 2'x2'x6" (600 x 600 x 150 mm)	Nos	18.00	1,240.85		22,335.30
Ch19/ Pg-119/46	Providing, fixing, testing and commissioning of µ - PVC (Unplasticized polyvinyl Chloride) Nikasi / waste pipe Fittings make of Dadex / Popular / Beta or approved equivalent manufacturer, conforming to BS 4514 / BS 5255 including the cost of Solvents complete in all respect as approved and directed by the Engineer Incharge.					
a	P-Trap					
i	4" dia	Nos	22.00	960.20		21,124.40
b	Multi-Trap					
i	4" dia	Nos	130.00	1,436.10		186,693.00
c	Vent Cowel					
ii	4" dia	Nos	26.00	428.10		11,130.60
iii	3" dia	Nos	4.00	386.10		1,544.40
d	Clean Out					
i	4" dia	Nos	52.00	441.40		22,952.80
Ch 21 / Pg 127 Item 05/b	Constructing gully grating chamber, 12" x 12", (300 x 300 mm) complete in all respects: concrete Gully trap.	Nos	8.00	7,227.10		57,816.80

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
Ch 27/ Pg-216/9/b	Supply & Installation of pre-formed tubeof Elastomaric closed cell FM foam type insulation of specified thickness having density of 40-65 Kg / m3 and thermal condcutivity of 0.035 W/M at 25 degree centigradeof fire performance conforming to UK building regulation of class - 0 rating C2, complete including the cost of adhesives and sealers as specified for chilled/ hot water piping and fittings including valves, strainers as approved and directed by Engineer Incharge. (b-19 mm thick).					
b)	19 mm thick					
v	3/4" dia	Rft	1,854.00	178.20		330,382.80
vii	1" dia	Rft	310.00	205.35		63,658.50
ix	1-1/4"dia	Rft	200.00	264.90		52,980.00
xi	1-1/2"diae	Rft	520.00	319.30		166,036.00
xiii	2" dia	Rft	153.00	419.40		64,168.20
Ch 23/ Pg 149/ Item 42	Providing and fixing heavy duty Gate valve of specified diameter and material for pressure rating PN-16 mde of Crane (USA), Hatersly (UK), Scon (Pakistan) or approved equivalent manufacturer, i/c the cost of all accessories flanges,nut/bolt and gaskit where required complete in all respect as approved and directed by the Engineer Incharge.					
a)	Brass Threaded Valves					
ii	3/4" dia	No.	102.00	3,510.00		358,020.00
iii	1" dia	No.	1.00	5,025.60		5,025.60
iv	1.25"	No.	2.00	7,039.20		14,078.40
v	1.5" dia	No.	1.00	9,930.00		9,930.00
vi	2" dia	No.	2.00	14,500.80		29,001.60
	Flange Ended Ductile Iron Valve					
vii	2.5"dia	No.	6.00	19,938.00		119,628.00
viii	3" dia	No.	5.00	22,852.80		114,264.00
ix	4" dia	No.	2.00	30,780.00		61,560.00
Ch 23/ Pg 151/ Item 45	Supply & installation of heavy duty Brass PN-16 air Vents of specified size provided at the highest points (Pipe Risers) to expel air as approved and directed by the Engineer Incharge - Autometic					
ii	3/4" Dia.	No	10.00	1,896.00		18,960.00
iii	1" Dia.	No	2.00	2,222.40		4,444.80
Ch 23/ Pg 146/ Item 34	Providing, laying, testing and commissioning of Grade-B,MS Seamless Schedule pipe of nominal diameter, conforming to ASTM-A106, Lontrin/ Hufaz / Pecific baolai or equivalent, duly welded i/c the cost of specials complete as approved and directed by the Engineer Incharge.					
	Schedule 40					
ii	3/4" dia	Rft	501.00	318.35		159,493.35
iii	1" dia	Rft	44.00	406.95		17,905.80
iv	1-1/4" dia	Rft	10.00	517.45		5,174.50
v	1-1/2" dia	Rft	44.00	653.50		28,754.00
vi	2" dia	Rft	127.00	865.95		109,975.65
Ch 23/ Pg 153/ Item 53	Two Coats of Bitumen Grade 80/100 (40 Lbs/100Sft)(NRL/PARCO) and Wrapping of Polythene (500 gauge) on M.S. Pipe					
ii	3/4" dia	Sft	99.00	102.98		10,194.82
iii	1" dia	Sft	11.00	102.98		1,132.76
iv	1-1/4" dia	Sft	3.00	102.98		308.93
v	1-1/2" dia	Sft	17.00	102.98		1,750.63
vi	2" dia	Sft	68.00	102.98		7,002.50

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
Ch 23/ Pg 148/ Item 38	Providing and fixing CP heavy duty brass Ball valve with CP handle of specified diameter made of Faisal/Sonex / Master best quality or equivalent complete in all respect as approved and directed by the Engineer Incharge.					
ii	3/4" dia	No.	9.00	1,524.00		13,716.00
iii	1" dia	No.	4.00	1,968.00		7,872.00
iv	1-1/4" dia	No.	3.00	2,088.00		6,264.00
v	1-1/2" dia	No.	3.00	2,328.00		6,984.00
vi	2" dia	No.	5.00	2,508.00		12,540.00
Ch 27/ Pg 221/ Item 22	Supply & Installation of bellow type pipe flexible connector manufactured with high resistant - impregnated rubber and metal flanges made of Econosto (Holand), Tozen (Japan) or Scon (Pakistan) i/c the cost of Gaskit and not bolts, as approved and directed by Engineer Incharge.					
iv	3" dia	Each	2.00	13,257.00		26,514.00
iv	4" dia	Each	2.00	15,409.80		30,819.60
Ch 19/ Pg 122/ Item 14	Providing and fixing of Hose Bibs with gate valve, i/c cost of required fittings & accessories as approved and directed by Engineer Incharge. 3/4" Dia.					
ii	3/4" dia	Each	8.00	2,308.05		18,464.40
Ch 19/Pg 122/ Item 12 i	Providing and Fixing of SS 304 Floor Drain, complete in all respect as approved and directed by Engineer Incharge.					
i	4" dia	Each	130.00	1,254.95		163,143.50
Ch 19/ Pg 122/ Item 13	Providing and Fixing of SS 304 Roof / scupper Drain, complete in all respect as approved and directed by Engineer Incharge. 4" dia					
i	4" dia	Each	18.00	1,284.80		23,126.40
	OHT WATER TANK ACCESSORIES					
Ch 21/ Pg 127 / Item 11	Providing and fixing 1¼"x1¼"x3/16" (31x31x5 mm) angle iron step,including carriage and setting the same in work to correct lines and levels complete in all Respect.	NO	26.00	661.35		17,195.10
Ch 13/ Pg 87/ Item 5 C	Painting new surface. Preparing surface and painting of doors and windows any type (including edges). (M.H Cover etc)					
i	priming coat	Sft	36.00	19.97		718.94
ii	each subsequent coat of paint.	Sft	36.00	12.75		459.05
Ch 23 Pg 138 Item 19	Providing, laying, cutting, jointing, testing and disinfecting G.I. pipeline in trenches,using G.I. pipes of B.S.S. 1387-1967 complete in all respects, with specials and valves.					
2)	Medium Quality					
viii)	3" i/d (75 mm) 4.05mm thick	Rft	8.00	1,425.45		11,403.60
ix)	4" i/d (100 mm) 4.5mm thick	Rft	20.00	1,999.25		39,985.00
xi)	6" i/d (200 mm) 4.85mm thick	Rft	16.00	3,135.15		50,162.40
Ch 19/ Pg 120 / Item 52	Providing/fixing Electric water heater (Geyser) comprising of tank of 14 SWG, GI sheet and external cover of 22 SWG MS sheet, insulated with 4" thick high density glass wool, imported thermostat i/c electric rod, safety valve (Ambassador / Canon) or approved equivalent manufacturer i/c cost of accessories & making connection complete in all respect as approved and directed by Engineer Incharge.					
ii	08 Gallon	NO	14.00	21,907.05		306,698.70
iii	15 Gallon	NO	7.00	28,547.60		199,833.20

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
Ch 23 Pg 155 Item 62	Supply, Installation & Testing of hangers and supports, of approved manufacturers Fischer, Greenman, Sikla or equivalent for MEP pipes, i/c the cost of Anchors, Threaded Rods, Nuts & Bolts, Washer and other accessories as per manufacturer recommendations complying MSS SP 58 / BS 3974 complete in all respect and as approved by the Engineer Incharge.					
a	Isophonic Pipe Clamp					
ii	3/4" dia	Each	228.00	1,329.95		303,228.60
iii	1" dia	Each	40.00	1,335.95		53,438.00
iv	1-1/4" dia	Each	23.00	1,359.95		31,278.85
v	1-1/2" dia	Each	58.00	1,843.90		106,946.20
vi	2" dia	Each	181.00	1,861.90		337,003.90
vii	2-1/2" dia	Each	7.00	2,596.60		18,176.20
viii	3" dia	Each	49.00	2,638.60		129,291.40
ix	4" dia	Each	576.00	3,660.50		2,108,448.00
x	6" dia	Each	106.00	5,253.25		556,844.50
Ch 23 Pg 150 Item 44	providing and fixing heavy duty Check Valve of specified diameter and material for pressure rating PN-16 made of Crane (USA), Hatersly (UK), Scon (Pakistan) or approved equivalent manufacturer i/c the cost of all accessories flanges,nut/bolt and gaskit where required complete in all respect as approved and directed by the Engineer Incharge.					
vi	2" dia	Each	2.00	3,650.40		7,300.80
vii	2-1/2" dia	Each	4.00	5,269.20		21,076.80
viii	3" dia	Each	2.00	7,212.00		14,424.00
NON-SCHEDULED ITEMS						
	Supply and fixing of electric water dispenser with 03 taps, (COLD, HOT, NORMAL) including refrigrating cabinet, full glass, 04 Liters food grade water tank including all accessories & fiitings required for its operation as per drawings, specifications & standards.	No.	9	54,197		487,773.00
	Supply, installation, Testing & Commissioning of S.S Grease interceptor of Holding capacity 10 Gallons including all accessories & fiitings required for its operation as per drawings, specifications & standards.	No.	3	86,754		260,262.00
	Supply, installation, Testing & Commissioning of S.S Grease interceptor of Holding capacity 100 Gallons including all accessories & fiitings required for its operation as per drawings, specifications & standards.	No.	1	588,655		588,655.00
	Pumps & Accessories - Water Supply Pumps network					
	Supply, installation, testing & commissioning of Water supply Pumps including electric pump and motor, cut-out switches, control panel, Panel enclosure, Strainers, Gate Valves, Globe Valves, Check Valves, Flexible Connectors, Internal & External Complete wiring, Pressure guages with all necessary accessories required to complete the work as per the drawings, specification and standards and / or as directed by the engineer incharge.					
	Supply and install water Transfer pumps complete with e pump and motor cut-out switches for control panel, Internal & External Complete wiring enclosure, valves, water hammar arrestors and all accessories ready for operation. WTP 01A/01B (1duty + 1 Stand-by): Each 45 GPM,Head 55 psi as per the Drawings, Specifications and Standards.	Set	1	1,108,166		1,108,166.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Supply and installation of Water Booster (MULTISTAGE) pump set with VFD complete with e pump and motor cut-out switches for control panel enclosure, valves,300 Ltr Pressure tank and all accessories ready for operation- BP - 01A/01B Capacity (1 duty + 1 Stand-by): Each 130 GPM, Head 25 psi as per the Drawings, Specifications and Standards., as per the Drawings, Specifications and Standards.	Set	1	2,656,935		2,656,935.00
	Drainage Pumps & Accessories					
	Supply and installation of Submersible Pumps including control panel, float switches,valves, level indication, steel cover,necessary civil & electrical works including internal & External Complete wiring and all required valves auto start and stop mechanisim etc. with all necessary accessories required to complete the work as per the drawings,specification and standards.					
	Non-Self Priming Single Stage Centrifugal Submersible Sewage Disposal Pumps-SP-01A/01B/01C, Capacity: 70 GPM each @ 20 psi Head, Duplex TYPE. (03 Nos)	Set	1	1,546,047		1,546,047.00
	Non-Self Priming Single Stage Centrifugal Submersible Sewage Disposal Pumps-SP-02A/02B, Capacity: 60 GPM each @ 20 psi Head, Duplex TYPE. (02 Nos)	Set	1	1,044,018		1,044,018.00
	Non-Self Priming Single Stage Centrifugal Submersible Sewage Disposal Pumps-SP-03A/03B, Capacity: 100 GPM each @ 20 psi Head, Duplex TYPE. (02 Nos)	Set	1	1,044,018		1,044,018.00
	Non-Self Priming Single Stage Centrifugal Submersible Sewage Disposal Pumps-SP-04A/04B, Capacity: 50 GPM each @ 20 psi Head, Duplex TYPE. (02 Nos)	Set	1	974,488		974,488.00
	Non-Self Priming Single Stage Centrifugal Submersible Sewage Disposal Pumps-SP-05A/05B, Capacity: 45 GPM each @ 25 psi Head, Duplex TYPE. (02 Nos)	Set	1	1,211,850		1,211,850.00
	Supply & Installation of M.S Parking Drains 12" x 12", complete in all respects, including painting & all required accessories to complete the job, complete in all respects.	No	18	25,140		452,520.00
	Supply & Installation of M.S Channel Grating size 12" x 4", complete in all respects, including painting & all required accessories to complete the job, complete in all respects.	No	35	7,056		246,960.00
	Supply and fixing of Manhole cover M.S Checkered Sheet Size: 3' x 3' angle size outer Frame: 1.5" x 1.5" x 1.5", Angle size Inner frame: 1.25" x 1.25" x 1.25"',M.S checkered sheet: 2.5mm including as per specification &Drawings complete in all Respect.	No	2	39,665		79,330.00
	Supply, installation, Testing & Commessioning of Modulating Type BUTTERFLY VALVE 3" dia (C.S BODY S.S. DISC Modulating) With BMS, including Complete wiring all accessories & fiitings required for its operation complete in all Repect. asper drawings,specifications & standards.	No	2	384,360		768,720.00
	SUI GAS DETECTION SYSTEM					

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Supply, installation, testing and commissioning of complete Sui gas detection system including gas detectors, control pannel and DDC Controller,7" HMI including cost of jointing material. With all necessery fittings and accessories as per design, drawings and specifications and/or as directed by the Engineer incharge, Complete in all respect.					
	Sui gas detection system G.Floor	Job	1	2,894,841		2,894,841.00
	Supply, installation, testing and commissioning of Sui gas Solenoid Valve 3/4" dia, including cost , jointing materials including all necessery fittings and accessories as per design, drawings and specifications and/or as directed by the Engineer incharge, Complete in all respect.	No	14	160,088		2,241,232.00
	Fire Stoping / Resistant Coating / Scielent & Mortar					
	Providing and fixing up to minimum two (2) hour rated fire stopping measures for ducts/pipes passing through protection zone floor / walls including all required fillers,etc. for all MEP Rooms, all Plumbing pipings Complete in all respects.					
	Fire Stopping mortar and fire resistant sealant for vertical / Horizontal openings	Job	1	189,051		189,051.25
	PLUMBING FIXTURE					
Ch 19, Pg 119, Item 49	Providing and fixing CP bath Room Set made of Sonex / Master / Faisal comprising of 3-NoTee stop cocks, lever type Basin Mixer, double Bib Cock, open wall shower, Muslim shower, waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer incharge					
i	3 No Tee Stop Cock (set)	Each	50.00	2,267.00		113,350.00
ii	Lever Type Basin Mixer	Each	42.00	6,707.00		281,694.00
iii	Double Bib Cock	Each	47.00	1,907.00		89,629.00
iv	Open Type Wall Shower	Each	4.00	18,707.00		74,828.00
v	Muslim shower	Each	47.00	2,387.00		112,189.00
vi	Waste Coupling	Each	42.00	767.00		32,214.00
vii	Bottle Trap	Each	42.00	1,487.00		62,454.00
Ch 19, Pg 114, Item 3/B-iii	Providing and fitting Europeon Coupled set of Water Closet (WC) and flushing Cistern of PORTA brand (full size) i/c the cost of CP / rubber connection, thimble, seat cover and rawal bolts complete in all respects as approved and directed by the Engineer Incharge.One Piece PORTA HD 102N Toilet Cito with Hydraulic Seat Cover	Each	38.00	59,851.10		2,274,341.80
Ch 19, Pg 114, Item 3/B-iii	Providing and fitting Europeon Coupled set of Water Closet (WC) and flushing Cistern of PORTA brand (full size) i/c the cost of CP / rubber connection, thimble, seat cover and rawal bolts complete in all respects as approved and directed by the Engineer Incharge.One Piece PORTA HD 102N Toilet Cito with Hydraulic Seat Cover. For Handi Cap Persons	Each	8.00	59,851.10		478,808.80
Ch 19, Pg 114, Item 4 - ii	Providing and fitting glazed earthen ware water closet squatter type (Orisa pattern), combined with foot rest - coloured	Each	1.00	7,550.90		7,550.90
Ch 19, Pg 115, Item 12 - ii	Providing and fitting glazed earthen ware low down flushing cistern 13.63 litres (3 gallons) capacity, including bracket set, copper connection, etc. - coloured	Each	1.00	8,584.95		8,584.95

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
Ch 19, Pg 114, Item 7	Providing and fitting glazed earthen ware wash hand basin 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc.					
ii	coloured, with pedestal	Each	8.00	9,051.55		72,412.40
v	Under Counter Vanity Basin	Each	31.00	13,047.55		404,474.05
Ch 19, Pg 121, Item 07 - ii	Providing and fixing 1.5 cm (½") dia connection, including check nuts, etc, (copper connection)	Each	84.00	712.80		59,875.20
Ch 19, Pg 115, Item 13	Providing and fixing, chromium plated soap dish.	Each	11.00	981.60		10,797.60
Ch 19, Pg 115, Item 15	Providing and fixing, chromium plated toilet paper holder.	Each	47.00	1,271.85		59,776.95
Ch 19, Pg 115, Item 16 - i	Providing and fixing, chromium plated towel rail, 60 cm (24") long, and 2 cm (¾") dia	Each	89.00	1,337.20		119,010.80
Ch 19, Pg 115, Item 8	Providing and fixing stainless steel sink with drain board, size 120 x 60 cm (48" x 24") including bracket set, waste pipe and waste coupling.	Each	3.00	15,809.45		47,428.35
Ch 19, Pg 122, Item 09 - ii	Supply and fixing of Soap Dispensor including all other cost of required fittings & required accessories complete in all respect as approved & directed by the Engineer incharge. SS	No.	17.00	4,229.40		71,899.80
Ch 19, Pg 122, Item 10 - ii	Providing/fixing U-shape 1-1/4" dia Stainless Steel Grab bar of 14 SWG thickness and specified length for safety grip i/c the cost of Stainless Steel brackets,rawal plugs and hardware as approved and directed by Engineer Incharge. (18" Long)	Each	39.00	3,785.50		147,634.50
Ch 19, Pg 122, Item 11 -i	Providing and fixing of wall hung Box Type Toilet Tissue Holder for Vanities from approved manufacturers i/c cost of required fittings & required accessories as approved and directed by Engineer Incharge.UPVC	No.	17.00	1,089.10		18,514.70
NON-SCHEDULED ITEMS						
	Supply and installation of Toilet Seat for Handicap Commod (types according to architectural design) including all other required fittings & Accessories to complete the work, as per the Drawings, Specifications and Standards.	Each	8.00	22,202.00		177,616.00
	Providing and fixing, of double coat Hooks Approved Leed Certified quality (types according to architectural design) including all other required fittings, & accessories to complete the work, as per the Drawings, Specifications and Standards.	Each	89.00	3,107.00		276,523.00
	Supply and installation of folding Grab Bars for handicap persons (types according to architectural design) including all other required fittings, Traps & Accessories to complete the work, as per the Drawings, Specifications and Standards.	Each	8.00	36,873.00		294,984.00
	Providing and fixing of beveled edge looking glass 6 mm thick best quality, including cost of wooden gutties, screws 3" (75 mm) long, Fiber Glass Sheet 3 Layers, 3 mm thick, Clamps, Silicon etc., complete in all respects. as per the Drawings, Specifications and Standards.	Sft	468.00	1,141.34		534,148.88

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	Providing and fixing of Dule supply (Gas & Electric) Kitchen Hoob 3 Burners approved Quality 1 Burners Built-In Electric and 2 Gas Hob, having heavy duty stainless steel body with heat proof tempared glass, dual option gas / electric Auto ignation i/c making connection including all other required fittings & accessories to complete the job, as per the drawings and specifications and Standards complete in all respects.	Each	3.00	46,177.00		138,531.00
EXETERNALWORKS						
ROAD NETWORK						
Ch-3/53 pg#27	Clearing and Grubbing	Sft	64,011.00	5.29		338,759.01
Ch-4/45 pg#30	Dismantling and removing road metalling.	Cft	5,000.00	32.48		162,412.50
Ch-3/54 pg#27	NGC Compaction of natural ground	Sft	64,011.00	3.48		222,732.68
Ch-10/42b Pg#63	PAVER Providing and laying Tuff pavers,having 7000PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to require slope . complete in all respect (50% Grey / 50% Coloured) b)60-mm thick	Sft	10,935.00	214.90		2,349,931.50
Ch-10/42c Pg#63	PAVER Providing and laying Tuff pavers,having 7000PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to require slope . complete in all respect (50% Grey / 50% Coloured) c)80-mm thick	Sft	520,624.00	250.30		130,312,187.20
Ch-18/3aii (Pg#105)+ carriage 174	SUB-BASE Providing and laying Sub-base course of stone product of approved quality and grade, including placing, mixing, spreading and compaction of sub-base material to required depth, grade to achieve 100% maximum modified AASHO dry density including carriage of all material to site of work except gravel and aggregate.(Carriage included in rate)	Cft	5,468.00	143.19		782,974.40
Ch-18/6 Pg#106	PRIME COAT Providing and laying bituminous priming coat, using 10 lbs. kerosene oil and 10 lbs. binder per 100 Sft. or 0.5 Kg Kerosene and 0.5 KG Binder per square meter	Sft	20,000.00	25.83		516,510.00
Ch-18/10a(xiv) Pg#105) carriage 152.39	ASPHALT WEARING CONC. a) Providing and laying plant premixed bituminous carpet,including compaction and finishing to required camber, grade and density (xiv)4.3% Bitumen	hickness	400.00	7,640.29		3,056,116.66
Ch-13/35 Pg#90	C.R PAINT Painting traffic lane 5" (125 mm) wide with reflective clorinated rubber (CR) paint including glass beads comlpete in all respect.	Rft	35,010.00	24.85		869,998.50
Ch-13/36i Pg#90	T.P PAINT Painting Traffic Lane Marking of specified width (1.5mm thick), with Thermoplastic (TP) Paint including Glass Beads, complete in all respect,as approved and directed by Engineer incharge. i) 5" wide	Rft	1,611.00	49.55		79,825.05

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
Ch-6/53-Bii Pg#43	KERB STONE Providing and fixing precast Edge Kerb Stone (100mm to 150mm thick),of 3500 PSI Compressive Strength, embeded in PCC 1:2:4 over lean concrete 1:4:8 etc complete in all respect. b) With Painting (ii) (300x 150x350mm high)	Rft	4,198.00	682.20		2,863,875.60
Ch-6/5-i Pg#34	P.C.C Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): (i) Ratio 1:4: 8	Cft	90,416.00	360.30		32,576,432.72
	Crush Carriage 1:4:8	Cft	85,686.55	28.71		2,459,889.41
Ch-18/27-b Pg# 111	VERTICAL POST 3" DIA Providing, fabrication and fixing Vertical Post comprising of medium quality G.I Pipe of specified diameter,including the cost of clamping arrangements, topcover,hold fasts embeded in PCC 1:2:4 etc complete in all respect. (b) 3 inch diameter	Rft	12.00	1,714.50		20,574.00
Ch-18/27-e Pg# 111	VERTICAL POST 6" DIA Providing, fabrication and fixing Vertical Post comprising of medium quality G.I Pipe of specified diameter,including the cost of clamping arrangements, topcover,hold fasts embeded in PCC 1:2:4 etc complete in all respect. (e) 6 inch diameter	Rft	2.00	3,665.55		7,331.10
Ch-18/25-A Pg# 110	DIRECTION BOARD CIRCULAR/TRIANGULAR Providing, fabrication and fixing pole mounted DirectionBoard/road delineator of any shape and size,with specified Sheet and thickness, supported with G.I Channel,(excluding the cost of vertical post and painting) etc complete in all respect.(3 mm thick Aluminium sheet) Sheet 14 SWG CIRCULAR/TRIANGULAR 3-4 ft size	Sft	6.00	1,424.00		8,544.00
Ch-18/25-Aii Pg# 110	DIRECTION BOARD RECTANGULAR Providing, fabrication and fixing pole mounted DirectionBoard/road delineator of any shape and size,with specified Sheet and thickness, supported with G.I Channel,(excluding the cost of vertical post and painting) etc complete in all respect.(3 mm thick Aluminium sheet is used), G.I Sheet 14 SWG RECTANGULAR SHAPE (I) 12 -48 sft	Sft	24.00	1,294.35		31,064.40
Ch-13/42-B Pg# 90	LETTERING & PRINTING Lettering and printing of signage/directionboards/road delineators of any colour by machine i/c cost of Digital Lettering, Lamination & pasting etc complete in all respect. b) Diamond Grade Tape	Sft	14.00	1,634.60		22,884.40

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Ref. No.	Description	Unit	Qty	Rate		Amount
	****NEW CONSTRUCTION****					
	****CIVIL WORKS****					
	****MAIN BUILDING WORK****					
Ch-18/28aiii Pg#111	CAT EYE Providing & fixing Cat Eyes of size 4" x 4" x 3/4" duly casted withspecified material having plastic strip containing mini retro-reflective glass beads of color white/red/yellow having specifid reflections ,uality & shape i/c the cost of self built in 12 mm diax120 mm long steel zinc plated nail,fixing to road with epoxy/ hammering with separate nailcomplete. (iii) Micro Cube Corner Spark glow reflectors	Each	50.00	569.80		28,490.00
Ch-18/29bi Pg#111	ALUMINIUM STUDS Providing & fixing Road Studs of aluminium alloy (raised profile) of specified size with Diamond grade reflectors on both sides etc complete. b) Dual-Directional (i) 8" x 4" x 2"	Each	50.00	1,208.20		60,410.00
	****NON-SCHEDULED ITEMS****					
	WHEEL STOPPER Providing and fixing Precast RCC wheel stopper of 3500 PSI Compressive Strength of size 6' long and 9"-5" width and 5" thickness, anchorage with 10" long anchor bolt dia #6 complete in all respect as mentioned in the drawing and specification and as approved by the Engineer incharge.	Each	39.00	3,163.34		123,370.30
	GROOVE MAKING Making grooves in existing asphaltic pavement to the required depth and pattern, including removal of loose material and cleaning of the surface, complete as directed by the Engineer-in-Charge.	Sft	520,624.00	23.35		12,156,986.90
	****WATER SUPPLY NETWORK****					
	****SCHEDULED ITEMS****					
	EXCAVATION FOR PIPE					
3/43 Page - 26	Earth work excavation in open cutting for water supply lines, sewers and manholes including back filling, shuttering of wooden vertical planks, struts and beams, dressing to correct section and dimension according to templates and levels and removing surface water i/c back filling in all types of soil except shingle, gravel and rock,complete in all respect.					
	2) By Mechanical Means ii) Ordinary soil					
	a) 0 ft. to 7.0 ft. (0 to 2.10 m) depth	Cft	32,550.00	10.17		330,991.19
	EXCAVATION FOR CHAMBER					
3/21 Page - 24	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling in layers around structure with excavated earth, watering and ramming lead 'upto one chain (30 m) and lift upto 5 ft. (1.5 m)					
	a) By Manual iii) Hard soil or Soft murum	Cft	2,197.00	19.12		42,015.76
	COMPACTION OF BACKFILLING					
3/25 Page - 25	Compaction of earthwork with power road roller, including ploughing, mixing, moistening earth to optimum moisture content in layers, etc. complete:					
	ii) 90% maximum modified AASHTO dry density.	Cft	26,040.00	1.70		44,232.85
	PLAIN CEMENT CONCRETE					

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
6/5 Page - 34	Cement concrete plain including placing, compacting, finishing andcuring complete (including screening and washing of stone aggregate)					
	(i) Ratio (1:4:8)	Cft	116.00	360.30		41,794.22
	(f) Ratio (1:2:4)	Cft	161.00	490.86		79,027.66
	(c) Ratio (1:1-1/2:3)	Cft	195.00	571.36		111,415.79
	SAND AROUND PIPE					
21/22 Page - 128	Providing and laying sand under and around the sewer pipe, including leveling, manual compaction, complete in all respect.	Cft	7,273.00	33.88		246,376.51
	HDPE PIPE LAYING					
23/30/c Page - 142	Providing, laying, cutting, jointing, testing and disinfecting High Density Polyethylene Pipe (HDPE-100) working presure pipe conforming to standard ISO 4427, DIN 8074 / 8075, PS 3580, Beta/ Dadex / Popular/ IIL or approved equivalent manufacturer, including the cost of specials, intrenches, as approved & directed by the Engineer incharge, complete in all respects.. c) PN-10 (SDR-17)					
	ii) 32 mm (1" Dia)	Rft	1,024.00	55.05		56,371.20
	v) 63 mm (2" Dia)	Rft	1,260.00	172.20		216,972.00
	vii) 90 mm (3" Dia)	Rft	1,785.00	343.55		613,236.75
	REINFORCED CEMENT CONCRETE					
6/9 Page - 37	Placing, compacting, finishing and curing of concrete using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; including screening, washing of aggregates and mixing of constituents using batching plant, Transportation by transit mixer, in the required proportions to achieve a nominal cylindrical strength in the field as per ACI 214, with the specified consistency. i/c the cost of shuttering, compaction with Viberator, but excluding the cost of Admixture and hydraulic pump, as approved and directed by the Engineer Incharge.					
	(a) Reinforced cement concrete in roof slab, beams, columns lintels girder sand other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:	Cft	62.00	728.10		45,142.20
	CRUSH CARRIAGE					
1/1 Page-3	Carriage of 100 cft. (2.83 cu.m) of all material like stone, aggregate, spawl, kankar lime (unslaked), surkhi, etc.	Cft	470.00	51.67		24,286.97
	CONCRETE ADMIXTURE					
6/57/a Page - 43	Providing and mixing water reducing admixture conforming to ASTM C-94 to achieve the required consistency / workability or specified compressive strength, strictly within the dosage range of 0.05% to 1.00% by weight of cement in the concrete mix design, complete in all respects as approved and directed by the Engineer In-Charge.					
	a) Super Plasticizer	Ltr	6.00	184.65		1,107.90
	FABRICATION OF MILD STEEL					
6/12 Page - 38	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making jointsand fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- ('b) Deformed bars (ii) (Grade-60)	Kgs	261.00	308.28		80,460.69

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	BRICK WORK OTHER THEN BUILDING					
7/7/i Page - 46	Pacca brick work other than building upto 10ft. (3 m) height. i) cement, sand mortar:- Ratio 1:2	Cft	707.00	485.70		343,393.08
	CEMENT PLASTER					
11/8 Page - 68	Cement plaster 1:3 upto 20' (6.00 m) height: b) 1/2" (13 mm) thick	Sft	2,335.00	52.07		121,579.95
	MANHOLE COVER					
21/14 Page - 127	Providing and fixing 6" thick R.C.C. manhole cover with tee shaped C.I. frame of 22" I/d (frame weighing 37.324 Kg. or one maund as per Standard Drawing STD/PD No. 6, of 1977, complete in all respect.	Per Set	10.00	24,937.15		249,371.50
	SIGNE POST					
18/19/iv/a Page - 109	Providing and erection at site of work:- a) Mandatory. (The rate is for complete item of work according to Standard design including cement concrete foundation block and painting letters etc.)	Each	10.00	13,104.20		131,042.00
	AIR VALVE					
23/37/b Page - 147	Providing and fixing, air valve 2½ (65mm) dia of B.S.S. quality and weight (complete with jointing material). b) double	Each	1.00	14,405.20		14,405.20
	SLUICE / WASH OUT (GATE) VALVE					
23/42 Page - 149	Providing and fixing heavy duty Gate valve of specified diameter and material for pressure rating PN-16 mde of Crane (USA), Hatersly (UK), Scon (Pakistan) or approved equivalent manufacturer, i/c the cost of all accessories flanges, nut / bolt and gas kit where required complete in all respect as approved and directed by the Engineer Incharge.					
	(a) Brass Threaded Valves					
	(vi) 2" dia	Each	2.00	14,500.80		29,001.60
	(b) Flange Ended Ductile Iron Valve					
	(viii) 3" dia	Each	7.00	22,852.80		159,969.60
	(ix) 4" dia	Each	1.00	30,780.00		30,780.00
	GARDEN TYPE HYDRANTS					
23/61 Page - 154	Supply, installation, testing, and commissioning of Garden / fire Hydrants made by Haseen Habib / Teepu Engineering or approved equvilent manufacturer, according to B.S.S. 750 standard double delivery type having 4" dia barrel with 2 Nos. 2-1/2" valve including the cost of jointing material with all fittings and accessories completein all respect as approved by the Engineer Incharge.	No.	4.00	59,750.2		239,000.60
	DUCTIAL IRON PIPE					
23/51 Page - 153	Supplying, fixing and testing ductile iron pipe with flange including the cost of specials, (teepu pipe / alpine steel or approved equivalent manufacturer, complying Class K-12, ISO-2531 & BS-4772,& jointing material with all fittings and accessories complete in all respect as approved by the Engineer Incharge.					
	i) 3" dia (75 mm)	Rft	42.00	4,169.50		175,119.00
	uPVC PIPE					
23/14 Page - 136	Providing, laying, cutting, jointing, testing and disinfecting PVC / uPVC pipe line with working pressure pipe, in trenches including specials (PS-3051=BS-3505), complete in all 'respects:					
	b) Class-D (12 bar)					
	a) 2" i/d (50 mm)	Rft	63.00	243.10		15,315.30
	TUBEWELL BORING & PUMPS					

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	BORE DRILLING					
23/3 Page - 133	Boring for tubewell in shingle, gravel and rock, including sinking and withdrawing of casing pipe:-					
	a) From ground level to 200 ft. (60 m) below ground level:-					
	i) 12" to 18" (300 to 450 mm) i/d	Rft	250.00	2,156.80		539,200.00
	b) Exceeding 200 ft. (60 m) depth below ground level:-					
	i) 12" to 18" (300 to 450 mm) i/d	Rft	150.00	2,372.45		355,867.50
	MILD STEEL PIPE CASING					
23/12 Page - 135	Providing and installing M.S. blind pipe socketed / welded joint, M.S. reducer (where necessary), in tubewell borehole, including jointing / welding with strainer, etc.complete:-					
	g) 8" i/d, 3/16" (200 mm i/d 5 mm) thick	Rft	150.00	3,537.80		530,670.00
	MILD STEEL BLIND PIPE					
23/12 Page - 135	Providing and installing M.S. blind pipe socketed / welded joint, M.S. reducer (where necessary), in tubewell borehole, including jointing / welding with strainer, etc.complete:-					
	g) 8" i/d, 3/16" (200 mm i/d 5 mm) thick	Rft	100.00	3,537.80		353,780.00
	SUBSTANTIALLY BUILT BOX					
23/4 Page - 133	Providing strong substantially built box of deodar wood 4'x2½'x9" (1200 x 750 x 225 mm), with compartments, lockand locking arrangement, for preserving samples of strata from bore hole.	Job	1.00	43,572.85		43,572.85
	FURNISHING SAMPLE					
23/5 Page - 133	Furnishing sample of water from bore hole.	Per Set of Two bottles	2.00	232.75		465.50
	SHROUDING					
23/17 Page - 137	Shrouding with graded pea gravel 3/8" to 1/8" (10 to 3 mm), around tubewell in bore hole.	Cft	155.00	189.30		29,341.50
	TUBEWELL TESTING					
23/16/ i Page - 137	Testing and developing of tubewell of size 6" (150 mm) i/d and above continuously.					
	i) upto 1.5 cs. discharge	Per hour	72.00	3,195.35		230,065.20
	AIR VALVE					
23/37/b Page - 147	Providing and fixing, air valve 2½ (65mm) dia of B.S.S. quality and weight (complete with jointing material). b) double	No.	1.00	14,405.20		14,405.20
	SLUICE / WASH OUT (GATE) VALVE					
23/42 Page - 149	Providing and fixing heavy duty Gate valve of specified diameter and material for pressure rating PN-16 mde of Crane (USA), Hatersly (UK), Scon (Pakistan) or approved equivalent manufacturer, i/c the cost of all accessories flanges, nut / bolt and gas kit where required complete in all respect as approved and directed by the Engineer Incharge.					
b)	(b) Flange Ended Ductile Iron Valve					
	(viii) 3" dia	No.	1.00	22,852.8		22,852.80
	CHECK / NON RETURN VALVE					

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
23/44 Page - 150	Providing and fixing heavy duty Check valve of specified diameter and material for pressure rating PN-16 made of Crane (USA), Hatersly (UK), Scon (Pakistan) or approved equivalent manufacturer i/c the cost of all accessories flanges, nut / bolt and gas kit where required complete in all respect as approved and directed by the Engineer Incharge.					
b)	(b) Flange Ended Ductile Iron Valve					
	(viii) 3" dia	Each	1.00	12,255.6		12,255.60
	FABRICATION OF HEAVY STEEL WORK					
25/10+11 Page - 201	Fabrication and erection in position of heavy steel work, with angle, tees, flat ironround iron and sheet iron for making trusses, girders,tanks, etc., including cutting, drilling, revitting, handling, assembling and fixing, but excluding erection in position.	Kgs.	503.00	379.38		190,825.63
	uPVC PIPE FOR SHROUDING					
23/14 Page - 136	Providing, laying, cutting, jointing, testing and disinfecting PVC / uPVC pipe line with working pressure pipe, in trenches including specials (PS-3051=BS-3505), complete in all 'respects:					
	a) Class-B (6 bar)					
	a) 3" i/d (75 mm)	Rft	150.00	336.60		50,490.00
	FIBER GLASS STRAINER					
23/9 Page - 134	Providing and installing Fiber glass Reinforced Polypropelene (FRP) strainer of specifid wall thickness having slot size of 0.9 mm to 1.10 mm in Tubewell bore hole i/c the cost of male / female coupling with Nylone Strip, studs complete in all respect as approved and directed by the Engineer Incharge.					
	v) 8" inch dia (5 mm thickness)	Rft	150.00	2,650.40		397,560.00
	BAIL PLUG					
23/10 Page - 134	Providing and installing Fiber glass Reinforced Polypropelene (FRP) bail plug of specified wall thickness having slot size of 0.9 mm to 1.10 mm in Tubewell bore hole i/c the cost of male / female coupling with Nylone Strip, studs complete in all respect as approved and directed by the Engineer Incharge.					
	v) 8" inch dia (5 mm thickness)	Rft	10.00	2,495.40		24,954.00
	DUCTIAL IRON PIPE					
23/51 Page - 153	Supplying, fixing and testing ductile iron pipe with flange including the cost of specials, (teepu pipe / alpine steel or approved equivalent manufacturer, complying Class K-12, ISO-2531 & BS-4772,& jointing material with all fittings and accessories complete in all respect as approved by the Engineer Incharge.					
	i) 3" dia (75 mm)	Rft	50.00	4,169.50		208,475.00
	SANITARY SEAL					
23/63 Page - 157	Providing and laying sanitary seal with specified ratio of 1:1 cement sand in annular space between bore hole and casing complete in all respect as per approved specifications and as directed by the Engineer incharge	Cft	29.00	921.90		26,735.10
	CHAIN PULLY					
23/52 Page - 153	Providing and fixing Chain Pulley Block of 5 ton capacity with 5 meter length of chain, as per required specifications complete in all respect and asapproved by the Engineer Incharge.	Each	1.00	53,030.0		53,030.00
	TRAIL BORING OF TUBEWELL					
	BORE DRILLING					

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
23/1 Page - 132	Boring for tubewell in all types of soil except shingle and rock, from ground level to specific depth, including sinking and withdrawing of casing pipe, complete:-					
	1 - Upto 0 to 100' depth					
	e) 8" (200 mm) i/d	Rft	100.00	1,837.45		183,745.00
	2 - Upto 101' to 200' depth					
	c) 8" (200 mm) i/d	Rft	100.00	2,493.60		249,360.00
	3 - Upto 201' to 300'					
	c) 8" (200 mm) i/d	Rft	100.00	3,148.55		314,855.00
	4 - Upto 301' to 400'					
	a) 8" (200 mm) i/d	Rft	100.00	3,807.10		380,710.00
	SUBSTANTIALLY BUILT BOX					
23/4 Page - 133	Providing strong substantially built box of deodar wood 4'x2½'x9" (1200 x 750 x 225 mm), with compartments, lockand locking arrangement, for preserving samples of strata from bore hole.	Job	1.00	43,572.85		43,572.85
	FURNISHING SAMPLE					
23/5 Page - 133	Furnishing sample of water from bore hole.	Per Set of Two bottles	1.00	232.75		232.75
	BENTONITE CLAY					
23/31 Page - 145	Providing & mixing bentonite clay / powder have swelling factor of 1200% for lining / seal and plug earthen bore holes / ponds in the specified ratio conforming to IS:6186 for stabilization of soil as specified by the designer etc complete in all respect.	Kgs	200.00	75.60		15,120.00
	UNDER GROUND WATER TANK					
	EXCAVATION UGWT					
3/21 Page - 24	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling in layers around structure with excavated earth, watering and ramming lead 'upto one chain (30 m) and lift upto 5 ft. (1.5 m)					
	b) By Excavator iii) Hard soil or Soft murum					
	1) Depth upto 5ft (1.5m)	Cft	1,611.00	12.79		20,601.79
	2,a) Depth from 5.1 ft (1.5m) to 15 ft (4.5 m):-	Cft	1,850.00	15.27		28,258.20
	b) Depth above 15.1 ft (4.5 m):-	Cft	59.00	17.76		1,047.91
	PLAIN CEMENT CONCRETE					
6/5 Page - 34	Cement concrete plain including placing, compacting, finishing andcuring complete (including screening and washing of stone aggregate)					
(i)	P.C.C 1:4:8	Cft	211.00	360.30		76,022.25
(f)	P.C.C 1:2:4	Cft	48.00	490.86		23,561.04
	REINFORCED CEMENT CONCRETE					
6/9 Page - 37	Placing, compacting, finishing and curing of concrete using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; including screening, washing of aggregates and mixing of constituents using batching plant, Transportation by transit mixer, in the required proportions to achieve a nominal cylindrical strength in the field as per ACI 214, with the specified consistency. i/c the cost of shuttering, compaction with Viberator, but excluding the cost of Admixture and hydraulic pump, as approved and directed by the Engineer Incharge.					

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	(c) Substructure (Foundations, Raft, Strip and Footing Beams) (iv) 4,000 PSI	Cft	290.00	687.35		199,331.50
	(b) Retaining / Shear walls laid in situ or precast laid in position, or prestressed members cast (Formwork on both sides) (iv) 4,000 PSI					
	(i) Upto 9" thick (Avg)	Cft	82.00	748.70		61,393.40
	(ii) More Than 9" Thick (Avg)	Cft	677.00	717.70		485,882.90
	(a) Superstructure (Slabs, Beams, Columns and others requiring formwork) (iv) 4,000 PSI	Cft	120.00	832.00		99,840.00
6/9/e Page - 38	e) Extra for placing of concrete with concrete placing boom pump of specified output, vertical & horizontal reach, as approved & directed by the Engineer Incharge.	Cft	1,169.00	7.40		8,650.60
	CRUSH CARRIAGE					
1/1 Page-3	Carriage of 100 cft. (2.83 cu.m) of all material like stone, aggregate, spawl, kankar lime (unslaked), surkhi, etc.	Cft	1,225.00	51.67		63,301.14
	CONCRETE ADMIXTURE					
6/57/a Page - 43	Providing and mixing water reducing admixture conforming to ASTM C-94 to achieve the required consistency / workability or specified compressive strength, strictly within the dosage range of 0.05% to 1.00% by weight of cement in the concrete mix design, complete in all respects as approved and directed by the Engineer In-Charge.					
	a) Super Plasticizer	Ltr	131.00	184.65		24,189.15
	FABRICATION OF MILD STEEL					
6/12 Page - 38	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making jointsand fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- ('b) Deformed bars (ii) (Grade-60)	Kgs	5,524.00	308.28		1,702,930.43
	WALL PLASTER					
11/8 Page - 68	Cement plaster 1:3 upto 20' (6.00 m) height: b) 1/2" (13 mm) thick	Sft	1,839.00	52.07		95,753.97
	SLAB PLASTER					
11/12/b Page - 69	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C.roof slabs only, upto 20' height. b) 1:3	Sft	239.00	56.77		13,566.95
	MILED STEEL RUNGS					
21/11 Page - 127	Providing and fixing 1¼"x1¼"x3/16" (31x31x5 mm) angle iron step, in manhole chambers, including carriage and setting the same in work to correct lines and levels. (Rungs)	Each	28.00	661.35		18,517.80
	ENAMAL PAINTING					
13/5 Page - 87 e/i+ii+ii	Painting new surface:- Preparing surface and painting of fillets, framing, skirtings, pipes, gutters, and similar linear work not exceeding 6" (150 mm) girth:-					
	i) Priming coat. ii) Each subsequent coat of paint (03 coats)	Lft	103.00	22.93		2,362.15
	R.C.C MANHOLE COVER					
21/14 Page - 127	Providing and fixing 6" thick R.C.C. manhole cover with tee shaped C.I. frame of 22" l/d (frame weighing 37.324 Kg. or one maund as per Standard Drawing STD/PD No. 6, of 1977, complete in all respect.	No	2.00	24,937.15		49,874.30
	WATER PROOFING					

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
09/46/b/ii Page - 57	Providing and applying torch-on water proofing bitumenous membrane of specified thickness (made of Roof-Grip / Euro Bit) dulyl apped / connected by heating with Torch over ps-6 primer i/c preparation / smoothen the surface complete in all respect as approved and directed by the Engineer Incharge. b) Aluminum Foiled					
	ii) 4 mm thick	Sft	801.00	168.35		134,848.35
	MOSAIC FLOORING					
10/22/a Page - 61	Providing & Laying mosaic flooring consisiting of one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips, laid over 1" (25 mm) thick flooring of 1:2:4 cement concrete including rubbing and polishing complete with finishing :-					
	b) 1½" (40 mm) thick mosaic flooring, consisting of ½ " (13mm) mosaic topping. (i) using grey cement	Sft	177.00	314.13		55,600.83
	DADO SKIRTING					
10/34/a/ii Page - 62	Mosaic dado or skirting with one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips, laid over ½" (13 mm) thick cement plaster 1:3, including rubbing and polishing, complete with finishing.					
	(a) using grey cement: ii) ½"(13 mm) thick	Sft	801.00	202.27		162,020.27
	WATER STOPPER					
6/31 Page - 40	Providing embeding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roofslab complete in all respects.	Rft	74.00	426.00		31,524.00
	BRICK WORK IN FOUNDATION					
7/4/i Page - 45	Pacca brick work in foundation:- i) Cement, sand mortar: Ratio 1:4	Cft	151.00	423.56		63,957.03
	SAND FILLING					
10/3 Page - 59	Supplying and filling sand under floor; or plugging in wells.	Sft	75.00	35.57		2,667.53
	TUFF PAVERS					
10/42/b Page - 63	Providing and laying Tuff Pavers, having 7000 PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to require slope. complete in all respect. (50% Grey / 50% Coloured)					
	b) 60-mm thick	Sft	301.00	214.90		64,684.90
	FABRICATION OF HEAVY STEEL WORK					
25/10+11 Page - 201	Fabrication and erection in position of heavy steel work, with angle, tees, flat ironround iron and sheet iron for making trusses, girders,tanks, etc., including cutting, drilling, revitting, handling, assembling and fixing, but excluding erection in position.	Kgs.	904.00	379.38		342,955.00
	SLUICE (GATE) VALVE					
23/42 Page - 149	Providing and fixing heavy duty Gate valve of specified diameter and material for pressure rating PN-16 mde of Crane (USA), Hatersly (UK), Scon (Pakistan) or approved equivalent manufacturer, i/c the cost of all accessories flanges, nut / bolt and gas kit where required complete in all respect as approved and directed by the Engineer Incharge.					
	(b) Flange Ended Ductile Iron Valve					
	(viii) 3" dia	Each	2.00	22,852.80		45,705.60
	NON RETURN / CHECK VALVE					

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
23/44 Page - 150	Providing and fixing heavy duty Check valve of specified diameter and material for pressure rating PN-16 made of Crane (USA), Hatersly (UK), Scon (Pakistan) or approved equivalent manufacturer i/c the cost of all accessories flanges, nut / bolt and gas kit where required complete in all respect as approved and directed by the Engineer Incharge.					
	(b) Flange Ended Ductile Iron Valve					
	(viii) 3" dia	Each	2.00	12,255.60		24,511.20
	CHAIN PULLY					
23/52 Page - 153	Providing and fixing Chain Pulley Block of 5 ton capacity with 5 meter length of chain, as per required specifications complete in all respect and asapproved by the Engineer Incharge.	Each	1.00	53,030.0		53,030.00
	DUCTIAL IRON PIPE					
23/51 Page - 153	Supplying, fixing and testing ductile iron pipe with flange including the cost of specials, (teepu pipe / alpine steel or approved equivalent manufacturer, complying Class K-12, ISO-2531 & BS-4772,& jointing material with all fittings and accessories complete in all respect as approved by the Engineer Incharge.					
	i) 3" dia (75 mm)	Rft	53.00	4,169.50		220,983.50
NON-SCHEDULED ITEMS						
	TUBEWELL MACHIENARY 0.15 Cusec, HEAD 400 FT					
	PUMPING MACHINERY					
	Providing installing in position and testing of submersible bore hole pumping unit capable to give a discharge of 0.15 Cusec of clear water against a total head 400 ft as under with 150 ft Flanged column pipe, coupled with motor 10 HP , +/- 5% voltage tolerance 50 Hz, IP 68 insulation class F, Motor Control Unit (Star Delta) / VFD suitable for above motor consisting of metalic box, magnetic contactor, Circuit Breaker, EOCR, EVR, Ampere Slector Switch, Auto Manual Switch, Current Transformer, complete in all respects with the following details and items of work. (1 No.)					
	Supplying and installing ASD MCU (Motor Control Unit) for respective BHP AC electric Motor complete as recommended by the manufacturers of motor and construction of weather proof FRP/GRP control panel protection cabinet, mounted on concrete post with angle iron frame (painted with anti-corrosive primer and weatherproof synthetic enamel finish), including lockable handle with safety interlock arrangement, and to fully protect the control panel from rainwater and unauthorized access, complete in all respects. (1 No.)					
	Supplying metallic board 4'x3' made of 1/16" thick M.S Sheet with 1½"x1½"x3/16" angle iron frame duly painted in smoke color i/c errection with wall of pump house. (1 No.)					
	Supplying fixing iron clad 3-Phase main switch China/ Feco 0-500 volts. (1 No.)					
	Supplying fixing phase indicator i/c cost of brass holder bulb 0 watt and its wiring complete in all respect. (3 No.)					

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Supplying fixing of volt meter 0 to 500 volts 4" dia China made as required in the design with respective motor. (3 No.)					
	Supplying fixing Impair meter 0 to 75 Amp.as per BHP of the Motor 4"dia China made. (3 No.)					
	Supplying fixing kit kat fuses 0 to 500 volts 4" dia on board China made. (1 No.)					
	Providing fixing in position pressure gauged 0 to 150 lbs. (1 No.)					
	level indicator/switch (Hi-Low) in OHR to control pump/tubewell start/stop, including control system, all type of wiring & connections complete in all resspect.					
	1 No rewindeable moter 10 HP, to be provided by Contractor as spare suitable for above submersible pump for handling operation & maintenance issues. (1 No.)	Unit.	1.00	3,558,049		3,558,049.00
	TRAIL BORING OF TUBEWELL					
	ELECTRICAL RESISTIVITY SURVEY					
	Carrying out Electrical Resistivity Survey from firms / agencies (approved by the Engineer), including, providing all required materials, tools, instruments and equipment's complete with accessories to carry out the tests, with all necessary staff, labour, transport including report of ERS indicating the detail of strata's and assessment of water quality and quantity complete as per specifications, condition of contract and approval of the Engineer. 1 Job = 1 x 5	Job	1.00	168,750.0		168,750.00
	ELECTRICAL WTER LOGING					
	Carrying out Electrical Water Loging Survey from firms / agencies (approved by the Engineer), including, providing all required materials, tools, instruments and equipment's complete with accessories to carry out the tests, with all necessary staff, labour, transport including report indicating the detail, complete as per specifications, condition of contract and approval of the Engineer.	Job	1.00	112,500.0		112,500.00
	YEALD TEST BY AIR COMPRESSOR					
	Carrying out yield test by air compressor Survey from firms / agencies (approved by the Engineer), including, providing all required materials, tools, instruments and equipment's complete with accessories to carry out the tests, with all necessary staff, labour, transport including report indicating the detail, complete as per specifications, condition of contract and approval of the Engineer.	Job	1.00	168,750.0		168,750.00
	WATER TEST					
	Chemical and bacteriological testing of water samples. Job = 1 x 3	Job	1.00	91,125.0		91,125.00
	UNDER GROUND WATER TANK					
	SUBMERCIBLE PUMP					

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Providing , installation, testing and comissioning of submersible water transfer pump VFD, Flow (0.25 Cusecs), Head 200 ft, material SS 304, including motor, (3x400 vx50 Hz) encloser Class IP 68, Insulation Class F with tail cable 15 m aprox., with motor control unit (star Delta) consisting of metalic box, magnetic conactor, moulded case circuit breakers, EOCR, EVR, AMPERE meter, volt selector switch, ampher selector switch, current transformer alongwith float switch/level trasmitter for auto off pump control, connection with discharge header & electric wiring , complete in all respect.	Each	2.00	2,574,664		5,149,328.00
	TUBEWELL PUMP CONTROL SYSTEM					
	Design, Supply, Installation, Testing and Commissioning of instrumentations and control system for water supply pump, of the following specifications, complete in all respects, and as per drawings and design.					
	PUMP CONTROL SYSTEM TUBEWELL - 1					
	Pumps 24Vac, Relay for Start/Stop Command. (1 No.)					
	Individual Line pressure Transmitter. (1 No.)					
	Butterfly Valve / motorized valve with actuator. (2 No.)					
	Sluice Valve (2 No.)					
	Water Tank (Low - Hi) Level Indicator Transmitter. (2 Nos.)					
	DDC BACnet Controller. (2 Nos.)					
	Display with Set-point. (2 No.)					
	Testing & Installation, ELV Panel Enclosurew / Controls Transformer, Power Supply Card, Expander, 220/24V AC/ DC, w/ Internal and External Wiring Terminations, pumps control cable including all type of cable/wiring, Complete in All Respect.	Job.	1.00	980,544		980,544.38
	DRAINAGE NETWORK					
	EXCAVATION SEWER PIPE					
3/43 Page - 26	Earth work excavation in open cutting for water supply lines, sewers and manholes including back filling, shuttering of wooden vertical planks, struts and beams, dressing to correct section and dimension according to templates and levels and removing surface water i/c back filling in all types of soil except shingle, gravel and rock,complete in all respect.					
	2) By Mechanical Means ii) Ordinary soil					
	a) 0 ft. to 7.0 ft. (0 to 2.10 m) depth	Cft	94,847.00	10.17		964,470.69
	COMPACTION					
3/25 Page - 25	Compaction of earthwork with power road roller, including ploughing, mixing, moistening earth to optimum moisture content in layers, etc. complete:					
	ii) 90% maximum modified AASHTO dry density.	Cft	18,970.00	1.70		32,223.39
	PLAIN CEMENT CONCRETE					
6/5 Page - 34	Cement concrete plain including placing, compacting, finishing andcuring complete (including screening and washing of stone aggregate)					
	(i) Ratio 1: 4: 8	Cft	2,308.00	360.30		831,560.86
	(f) Ratio 1:2:4	Cft	5,975.00	490.86		2,932,858.63
	REINFORCED CEMENT CONCRETE					

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
6/9 Page - 37	Placing, compacting, finishing and curing of concrete using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; including screening, washing of aggregates and mixing of constituents using batching plant, Transportation by transit mixer, in the required proportions to achieve a nominal cylindrical strength in the field as per ACI 214, with the specified consistency. i/c the cost of shuttering, compaction with Viberator, but excluding the cost of Admixture and hydraulic pump, as approved and directed by the Engineer Incharge.					
	(c) Substructure (Foundations, Raft, Strip and Footing Beams) (vi) 3000 PSI	Cft	3,807.00	583.45		2,221,194.15
	(b) Retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast (Formwork on both sides) v). 3000 PSI					
	(i) Upto 9" thick (Avg)	Cft	7,954.00	644.80		5,128,739.20
	(a) Superstructure (Slabs, Beams, Columns and others requiring formwork) (vi) 3000 PSI	Cft	3,943.00	728.10		2,870,898.30
6/9/e Page - 38	e) Extra for placing of concrete with concrete placing boom pump of specified output, vertical & horizontal reach, as approved & directed by the Engineer Incharge.	Cft	15,704.00	7.40		116,209.60
	CRUSH CARRIAGE					
1/1 Page-3	Carriage of 100 cft. (2.83 cu.m) of all material like stone, aggregate, spawl, kankar lime (unslaked), surkhi, etc.	Cft	21,265.00	51.67		1,098,856.12
	CONCRETE ADMIXTURE					
6/57/a Page - 43	Providing and mixing water reducing admixture conforming to ASTM C-94 to achieve the required consistency / workability or specified compressive strength, strictly within the dosage range of 0.05% to 1.00% by weight of cement in the concrete mix design, complete in all respects as approved and directed by the Engineer In-Charge.					
	a) Super Plasticizer	Per Ltr	1,382.00	184.65		255,186.30
	FABRICATION OF MILD STEEL					
6/12 Page - 38	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making jointsand fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- ('b) Deformed bars (ii) (Grade-60)	Kg	36,277.00	308.28		11,183,419.14
	WATER STOPPER					
6/31 Page - 40	Providing embeding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roofslab complete in all respects.	Rft	3,150.00	426.00		1,341,900.00
	SAND FILLING					
10/3 Page - 59	Supplying and filling sand under floor; or plugging in wells.	Sft	3,150.00	35.57		112,036.05
	PLASTRING					
11/8 Page - 68	Cement plaster 1:3 upto 20' (6.00 m) height: b) 1/2" (13 mm) thick	Sft	64,260.00	52.07		3,345,921.81
	FABRICATION OF HEAVY STEEL WORK					

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
25/10+11 Page - 201	Fabrication and erection in position of heavy steel work, with angle, tees, flat ironround iron and sheet iron for making trusses, girders,tanks, etc., including cutting, drilling, revitting, handling, assembling and fixing, but excluding erection in position.	Kgs.	1,804.00	379.38		684,392.50
	THEREMOPORE SHEET					
6/36/a Page - 40	Providing and fixing theremopore (foamed polythene) sheet in horizontal and vertical expansion joints:					
	a) 1" (25 mm) thick thermopore sheet	Sft	73.00	29.90		2,182.70
	uPVC PIPE LAYING					
19/45 Page - 118	Providing, fixing, testing and commissioning of µ-PVC (Unplasticized Polyvinyl Chloride) sewerage pipe make of Dadex / Popular / Beta or approved equivalent manufacturer, plain / socket ended conforming to code EN-1401 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directedby the Engineer Incharge.					
	Type (SDR 34/SN-8)					
	i) 6" dia 150mm	Rft	3,150.00	497.8		1,568,070.00
	ii) 8" dia 200 mm	Rft	1,890.00	533.4		1,008,031.50
	iii) 10"dia 250 mm	Rft	1,260.00	2,278.9		2,871,351.00
	uPVC PIPE FOR DRAIN SLAB					
23/14 Page - 136	Providing, laying, cutting, jointing, testing and disinfecting PVC / uPVC pipe line with working pressure pipe, in trenches including specials (PS-3051=BS-3505), complete in all 'respects:					
	a) Class-B (6 bar)					
	b) 4" i/d (100 mm)	Rft	420.00	503.85		211,617.00
	R.C.C MANHOLE COVER					
21/14 Page - 127	Providing and fixing 6" thick R.C.C. manhole cover with tee shaped C.I. frame of 22" I/d (frame weighing 37.324 Kg. or one maund as per Standard Drawing STD/PD No. 6, of 1977, complete in all respect.	Per Set	30.00	24,937.2		748,114.50
	BITUMEN / ASPHALT FILLER					
6/59/ Page - 44	Providing and laying hot bitumen filler (with Asphalt Packed 80/100) use for RCC concrete contraction joint size 1/2 inch to 1 inch horizontal or vertical orientation, cleaning the joint with bursh and filling with bitumen filler, as per specifications and design, complete in all respect and as approved by the Engineer incharge	Rft	867.00	22.2		19,204.05
	FILTRATION CHAMBER					
	EXCAVATION					
3/21 Page - 24	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling in layers around structure with excavated earth, watering and ramming lead 'upto one chain (30 m) and lift upto 5 ft. (1.5 m)					
	b) By Excavator iii) Hard soil or Soft murum					
	1) Depth upto 5ft (1.5m)	Cft	195.00	12.79		2,493.70
	2,a) Depth from 5.1 ft (1.5m) to 15 ft (4.5 m):-	Cft	79.00	15.27		1,206.70
	COMPACTION					
3/25 Page - 25	Compaction of earthwork with power road roller, including ploughing, mixing, moistening earth to optimum moisture content in layers, etc. complete:					
	ii) 90% maximum modified AASHTO dry density.	Cft	39.00	1.70		66.25

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	BRICK OR STONE BALLAST					
6/2 Page - 34	Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50 mm) gauge.	Cft	105.00	140.77		14,780.33
	PLAIN CEMENT CONCRETE					
6/5 Page - 34	Cement concrete plain including placing, compacting, finishing andcuring complete (including screening and washing of stone aggregate)					
	(i) Ratio 1: 4: 8	Cft	7.00	360.30		2,522.07
	(f) Ratio 1:2:4	Cft	7.00	490.86		3,435.99
	REINFORCED CEMENT CONCRETE					
6/9 Page - 37	Placing, compacting, finishing and curing of concrete using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; including screening, washing of aggregates and mixing of constituents using batching plant, Transportation by transit mixer, in the required proportions to achieve a nominal cylindrical strength in the field as per ACI 214, with the specified consistency. i/c the cost of shuttering, compaction with Viberator, but excluding the cost of Admixture and hydraulic pump, as approved and directed by the Engineer Incharge.					
	(c) Substructure (Foundations, Raft, Strip and Footing Beams) (vi) 3000 PSI	Cft	14.00	583.45		8,168.30
	(b) Retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast (Formwork on both sides) v). 3000 PSI					
	(i) Upto 9" thick (Avg)	Cft	56.00	644.80		36,108.80
	(a) Superstructure (Slabs, Beams, Columns and others requiring formwork) (vi) 3000 PSI	Cft	11.00	728.10		8,009.10
6/9/e Page - 38	e) Extra for placing of concrete with concrete placing boom pump of specified output, vertical & horizontal reach, as approved & directed by the Engineer Incharge.	Cft	81.00	7.40		599.40
	CRUSH CARRIAGE					
1/1 Page-3	Carriage of 100 cft. (2.83 cu.m) of all material like stone, aggregate, spawl, kankar lime (unslaked), surkhi, etc.	Cft	85.00	51.67		4,392.32
	CONCRETE ADMIXTURE					
6/57/a Page - 43	Providing and mixing water reducing admixture conforming to ASTM C-94 to achieve the required consistency / workability or specified compressive strength, strictly within the dosage range of 0.05% to 1.00% by weight of cement in the concrete mix design, complete in all respects as approved and directed by the Engineer In-Charge.					
	a) Super Plasticizer	Per Ltr	8.00	184.65		1,477.20
	FABRICATION OF MILD STEEL					
6/12 Page - 38	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making jointsand fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- ('b) Deformed bars (ii) (Grade-60)	Kg	188.00	308.28		57,956.36
	WATER STOPPER					

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
6/31 Page - 40	Providing embeding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roofslab complete in all respects.	Rft	19.00	426.00		8,094.00
	SAND FILLING					
10/3 Page - 59	Supplying and filling sand under floor; or plugging in wells.	Sft	34.00	35.57		1,209.28
	PLASTRING					
11/8 Page - 68	Cement plaster 1:3 upto 20' (6.00 m) height: b) 1/2" (13 mm) thick	Sft	265.00	52.07		13,798.15
	uPVC PIPE LAYING					
19/45 Page - 118	Providing, fixing, testing and commissioning of µ-PVC (Unplasticized Polyvinyl Chloride) sewerage pipe make of Dadex / Popular / Beta or approved equivalent manufacturer, plain / socket ended conforming to code EN-1401 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directedby the Engineer Incharge.					
	Type (SDR 34/SN-8)					
	vi) 16" dia 400 mm	Rft	11.00	7,480.7		82,287.15
	uPVC PIPE FOR DRAIN SLAB					
23/14 Page - 136	Providing, laying, cutting, jointing, testing and disinfecting PVC / uPVC pipe line with working pressure pipe, in trenches including specials (PS-3051=BS-3505), complete in all 'respects:					
	b) Class-D (12 bar)					
	a) 2" i/d (50 mm)	Rft	14.00	243.10		3,403.40
	MILED STEEL RUNGS					
21/11 Page - 127	Providing and fixing 1¼"x1¼"x3/16" (31x31x5 mm) angle iron step, in manhole chambers, including carriage and setting the same in work to correct lines and levels. (Rungs)	Each	4.00	661.35		2,645.40
	ENAMAL PAINTING					
13/5 Page - 87 e/i+ii+ii	Painting new surface:- Preparing surface and painting of fillets, framing, skirtings, pipes, gutters, and similar linear work not exceeding 6" (150 mm) girth:-					
	i) Priming coat. ii) Each subsequent coat of paint (03 coats)	Lft	15.00	22.93		344.00
	R.C.C MANHOLE COVER					
21/14 Page - 127	Providing and fixing 6" thick R.C.C. manhole cover with tee shaped C.I. frame of 22" I/d (frame weighing 37.324 Kg. or one maund as per Standard Drawing STD/PD No. 6, of 1977, complete in all respect.	Per Set	1.00	24,937.2		24,937.15
	INJECTION WELL					
	BORE DRILLING					
23/3 Page - 133	Boring for tubewell in shingle, gravel and rock, including sinking and withdrawing of casing pipe:-					
	a) From ground level to 200 ft. (60 m) below ground level:-					
	ii) 20" to 26" (500 to 650 mm) i/d	Rft	250.00	2,916.95		729,237.50
	MILD STEEL BLIND PIPE					
23/12 Page - 135	Providing and installing M.S. blind pipe socketed / welded joint, M.S. reducer (where necessary), in tubewell borehole, including jointing / welding with strainer, etc.complete:-					
	j) 12" i/d, ¼" (300 mm i/d 6 mm) thick	Rft	150.00	6,145.05		921,757.50
	SHROUDING					
23/17 Page - 137	Shrouding with graded pea gravel 3/8" to 1/8" (10 to 3 mm), around tubewell in bore hole.	Cft	238.00	189.30		45,053.40
	uPVC PIPE FOR SHROUDING					

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
23/14 Page - 136	Providing, laying, cutting, jointing, testing and disinfecting PVC / uPVC pipe line with working pressure pipe, in trenches including specials (PS-3051=BS-3505), complete in all 'respects:					
	a) Class-B (6 bar)					
	a) 3" i/d (75 mm)	Rft	150.00	336.60		50,490.00
	FIBER GLASS STRAINER					
23/9 Page - 134	Providing and installing Fiber glass Reinforced Polypropelene (FRP) strainer of specifid wall thickness having slot size of 0.9 mm to 1.10 mm in Tubewell bore hole i/c the cost of male / female coupling with Nylone Strip, studs complete in all respect as approved and directed by the Engineer Incharge.					
	vii) 12" inch dia (6.35 mm thickness)	Rft	150.00	4,594.40		689,160.00
SEWERAGE NETWORK						
	EXCAVATION SEWER PIPE					
3/43 Page - 26	Earth work excavation in open cutting for water supply lines, sewers and manholes including back filling, shuttering of wooden vertical planks, struts and beams, dressing to correct section and dimension according to templates and levels and removing surface water i/c back filling in all types of soil except shingle, gravel and rock,complete in all respect.					
	2) By Mechanical Means ii) Ordinary soil					
	a) 0 ft. to 7.0 ft. (0 to 2.10 m) depth	Cft	16,932.00	10.17		172,176.43
	COMPACTION					
3/25 Page - 25	Compaction of earthwork with power road roller, including ploughing, mixing, moistening earth to optimum moisture content in layers, etc. complete:					
	ii) 90% maximum modified AASHTO dry density.	Cft	13,545.60	1.70		23,009.23
	SAND AROUND PIPE					
21/22 Page - 128	Providing and laying sand under and around the sewer pipe, including leveling, manual compaction, complete in all respect.	Cft	2,163.00	33.88		73,272.71
	PLAIN CEMENT CONCRETE					
6/5 Page - 34	Cement concrete plain including placing, compacting, finishing andcuring complete (including screening and washing of stone aggregate)					
	(i) Ratio 1: 4: 8	Cft	60.00	360.30		21,617.70
	(f) Ratio 1: 2: 4	Cft	1,475.00	490.86		724,011.13
	REINFORCED CEMENT CONCRETE					
6/9 Page - 37	Placing, compacting, finishing and curing of concrete using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; including screening, washing of aggregates and mixing of constituents using batching plant, Transportation by transit mixer, in the required proportions to achieve a nominal cylindrical strength in the field as per ACI 214, with the specified consistency. i/c the cost of shuttering, compaction with Viberator, but excluding the cost of Admixture and hydraulic pump, as approved and directed by the Engineer Incharge.					
	(c) Substructure (Foundations, Raft, Strip and Footing Beams) (vi) 3,000 PSI	Cft	119.00	583.45		69,430.55

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	(b) Retaining / Shear walls laid in situ or precast laid in position, or prestressed members cast (Formwork on both sides) (iv) 3,000 PSI					
	(i) Upto 9" thick (Avg)	Cft	1,213.00	644.80		782,142.40
	(a) Superstructure (Slabs, Beams, Columns and others requiring formwork) (vi) 3,000 PSI	Cft	46.00	728.10		33,492.60
6/9/e Page - 38	e) Extra for placing of concrete with concrete placing boom pump of specified output, vertical & horizontal reach, as approved & directed by the Engineer Incharge.	Cft	1,378.00	7.40		10,197.20
	CRUSH CARRIAGE					
1/1 Page-3	Carriage of 100 cft. (2.83 cu.m) of all material like stone, aggregate, spawl, kankar lime (unslaked), surkhi, etc.	Cft	2,568.00	51.67		132,699.86
	CONCRETE ADMIXTURE					
6/57/a Page - 43	Providing and mixing water reducing admixture conforming to ASTM C-94 to achieve the required consistency / workability or specified compressive strength, strictly within the dosage range of 0.05% to 1.00% by weight of cement in the concrete mix design, complete in all respects as approved and directed by the Engineer In-Charge.					
	a) Super Plasticizer	Per Ltr	122.00	184.65		22,527.30
	FABRICATION OF MILD STEEL					
6/12 Page - 38	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making jointsand fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- ('b) Deformed bars (ii) (Grade-60)	Kgs	4,310.00	308.28		1,328,680.34
	MILED STEEL RUNGS					
21/11 Page - 127	Providing and fixing 1¼"x1¼"x3/16" (31x31x5 mm) angle iron step, in manhole chambers, including carriage and setting the same in work to correct lines and levels. (Rungs)	Each	105.00	661.35		69,441.75
	ENAMAL PAINTING					
13/5 Page - 87 e/i+ii+ii	Painting new surface:- Preparing surface and painting of fillets, framing, skirtings, pipes, gutters, and similar linear work not exceeding 6" (150 mm) girth:-					
	i) Priming coat. ii) Each subsequent coat of paint (03 coats)	Lft	386.00	22.93		8,852.33
	PLASTER					
11/8 Page - 68	Cement plaster 1:3 upto 20' (6.00 m) height: b) 1/2" (13 mm) thick	Sft	3,675.00	52.07		191,351.74
	WATER STOPPER					
6/31 Page - 40	Providing embeding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roofslab complete in all respects.	Rft	263.00	426.00		112,038.00
	R.C.C MANHOLE COVER					
21/14 Page - 127	Providing and fixing 6" thick R.C.C. manhole cover with tee shaped C.I. frame of 22" I/d (frame weighing 37.324 Kg. or one maund as per Standard Drawing STD/PD No. 6, of 1977, complete in all respect.	Per Set	25.00	24,937.15		623,428.75
	BITUMEN COATING					
13/9/i Page - 88	Bitumen coating to plastered or cement concrete surface:.					
	i) 20 lbs. per 100 Sft. (9.07 Kg per Sq.m)	Sft	1,838.00	28.25		51,925.34
	uPVC PIPE LAYING					

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
19/45 Page - 118	Providing, fixing, testing and commissioning of µ-PVC (Unplasticized Polyvinyl Chloride) sewerage pipe make of Dadex / Popular / Beta or approved equivalent manufacturer, plain / socket ended conforming to code EN-1401 of specified SDR (Standard Dimension Ratio) including the cost of specials and Solvents complete in all respect as approved and directedby the Engineer Incharge.					
	Type (SDR 34/SN-8)					
	iii) 10"dia 250 mm	Rft	1,050.00	2,278.85		2,392,792.50
	SEWERAGE PUMP STATION					
	EXCAVATION					
3/21 Page - 24	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling in layers around structure with excavated earth, watering and ramming lead 'upto one chain (30 m) and lift upto 5 ft. (1.5 m)					
	b) By Excavator iii) Hard soil or Soft murum					
	1) Depth upto 5ft (1.5m)	Cft	880.00	12.79		11,253.62
	2,a) Depth from 5.1 ft (1.5m) to 15 ft (4.5 m):-	Cft	1,050.00	15.27		16,038.44
	COMPACTION					
3/25 Page - 25	Compaction of earthwork with power road roller, including ploughing, mixing, moistening earth to optimum moisture content in layers, etc. complete:					
	ii) 90% maximum modified AASHTO dry density.	Cft	289.00	1.70		490.91
	BRICK OR STONE BALLAST					
6/2 Page - 34	Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50 mm) gauge.	Cft	61.00	140.77		8,586.67
	SAND FILLING					
10/3 Page - 59	Supplying and filling sand under floor; or plugging in wells.	Cft	210.00	35.57		7,469.07
	PLAIN CEMENT CONCRETE					
6/5 Page - 34	Cement concrete plain including placing, compacting, finishing andcuring complete (including screening and washing of stone aggregate)					
	(i) Ratio 1: 4: 8	Cft	74.00	360.30		26,661.83
	(f) Ratio 1: 2: 4	Cft	75.00	490.86		36,814.13
	REINFORCED CEMENT CONCRETE					
6/9 Page - 37	Placing, compacting, finishing and curing of concrete using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; including screening, washing of aggregates and mixing of constituents using batching plant, Transportation by transit mixer, in the required proportions to achieve a nominal cylindrical strength in the field as per ACI 214, with the specified consistency. i/c the cost of shuttering, compaction with Viberator, but excluding the cost of Admixture and hydraulic pump, as approved and directed by the Engineer Incharge.					
	(c) Substructure (Foundations, Raft, Strip and Footing Beams) (vi) 3,000 PSI	Cft	113.00	583.45		65,929.85
	(b) Retaining / Shear walls laid in situ or precast laid in position, or prestressed members cast (Formwork on both sides) (iv) 3,000 PSI					
	(i) Upto 9" thick (Avg)	Cft	42.00	644.80		27,081.60
	(ii) More Than 9" Thick (Avg)	Cft	649.00	613.80		398,356.20

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	(a) Superstructure (Slabs, Beams, Columns and others requiring formwork) (vi) 3,000 PSI	Cft	77.00	728.10		56,063.70
6/9/e Page - 38	e) Extra for placing of concrete with concrete placing boom pump of specified output, vertical & horizontal reach, as approved & directed by the Engineer Incharge.	Cft	881.00	7.40		6,519.40
	CRUSH CARRIAGE					
1/1 Page-3	Carriage of 100 cft. (2.83 cu.m) of all material like stone, aggregate, spawl, kankar lime (unslaked), surkhi, etc.	Cft	844.00	51.67		43,613.19
	CONCRETE ADMIXTURE					
6/57/a Page - 43	Providing and mixing water reducing admixture conforming to ASTM C-94 to achieve the required consistency / workability or specified compressive strength, strictly within the dosage range of 0.05% to 1.00% by weight of cement in the concrete mix design, complete in all respects as approved and directed by the Engineer In-Charge.					
	a) Super Plasticizer	Cft	78.00	184.65		14,402.70
	FABRICATION OF MILD STEEL					
6/12 Page - 38	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making jointsand fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- ('b) Deformed bars (ii) (Grade-60)	Kgs	5,088.00	308.28		1,568,521.01
	SLAB PLASTRING					
11/12/b Page - 69	Cement plaster 3/8" (10 mm) thick under soffit of R.C.C.roof slabs only, upto 20' height. b) 1:3	Sft	153.00	56.77		8,685.12
	PLASTRING					
11/8 Page - 68	Cement plaster 1:3 upto 20' (6.00 m) height: b) 1/2" (13 mm) thick	Sft	1,493.00	52.07		77,738.27
	BRICK WORK IN FOUNDATION					
7/4/i Page - 45	Pacca brick work in foundation:- i) Cement, sand mortar: Ratio 1:4	Cft	69.00	423.56		29,225.40
	TUFFPAVE					
10/42/b Page - 63	Providing and laying Tuff Pavers, having 7000 PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to require slope. complete in all respect. (50% Grey / 50% Coloured)					
	b) 60-mm thick	Sft	158.00	214.90		33,954.20
	MILED STEEL RUNGS					
21/11 Page - 127	Providing and fixing 1¼"x1¼"x3/16" (31x31x5 mm) angle iron step, in manhole chambers, including carriage and setting the same in work to correct lines and levels. (Rungs)	Nos	42.00	661.35		27,776.70
	FABRICATION HEAVY STEEL WORK					
25/10+11 Page - 201	Fabrication and erection in position of heavy steel work, with angle, tees, flat ironround iron and sheet iron for making trusses, girders,tanks, etc., including cutting, drilling, revitting, handling, assembling and fixing, but excluding erection in position.	Kgs	152.00	379.38		57,665.00
	ENAMAL PAINTING					
13/5 Page - 87 e/i+ii+ii	Painting new surface:- Preparing surface and painting of fillets, framing, skirtings, pipes, gutters, and similar linear work not exceeding 6" (150 mm) girth:-					

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	i) Priming coat. ii) Each subsequent coat of paint (03 coats)	Lft	155.00	22.93		3,554.69
	WATER STOPPER					
6/31 Page - 40	Providing embeding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roofslab complete in all respects.	Rft	64.00	426.00		27,264.00
	G.I PIPE RAILING					
18/14 Page -109	Providing and fixing G.I. pipe railing, as per standard drawing.	Per Rft. Of 3 rows of Pipes	27.00	2,589.70		69,921.90
	SLUICE / WASH OUT (GATE) VALVE					
23/42 Page - 149	Providing and fixing heavy duty Gate valve of specified diameter and material for pressure rating PN-16 mde of Crane (USA), Hatersly (UK), Scon (Pakistan) or approved equivalent manufacturer, i/c the cost of all accessories flanges, nut / bolt and gas kit where required complete in all respect as approved and directed by the Engineer Incharge.					
b)	(b) Flange Ended Ductile Iron Valve					
	(xi) 6" dia	No.	2.00	49,893.6		99,787.20
	CHECK / NON RETURN VALVE					
23/44 Page - 150	Providing and fixing heavy duty Check valve of specified diameter and material for pressure rating PN-16 made of Crane (USA), Hatersly (UK), Scon (Pakistan) or approved equivalent manufacturer i/c the cost of all accessories flanges, nut / bolt and gas kit where required complete in all respect as approved and directed by the Engineer Incharge.					
b)	(b) Flange Ended Ductile Iron Valve					
	(xi) 6" dia	No.	2.00	21,472		42,943.20
	FIBER GLASS SHED					
26/44/ii Page - 212	Supply and Erection of Car Parking Shed consisting of 3 mm thick fiber glass sheet roof (3-layers) fixed / riveted on moulded curved frame of M.S box pipe 1-1/2"x1-1/2"16-SWG supported on trusses of MS angle iron 1-1/2"x1-1/2"x3/16" all around duly supported on M.S sheet 6"x6"x1/4" welded on GI pipe post (Medium Quality) of specified diameter embeded in P:C:C (1:2:4) i/c the cost of excavation, cutting straightening assembling, bending as per design, welding / grinding of joints and painting three coats complete in all respect as approved and directed by the Engineer Incharge.					
	(ii) 3" dia GI pipe Supports	Sft	27.00	839.25		22,659.75
	DUCTIAL IRON PIPE					
23/51 Page - 153	Supplying, fixing and testing ductile iron pipe with flange including the cost of specials, (teepu pipe / alpine steel or approved equivalent manufacturer, complying Class K-12, ISO-2531 & BS-4772,& jointing material with all fittings and accessories complete in all respect as approved by the Engineer Incharge.					
	iii) 6" dia (150 mm)	Rft	53.00	7,805.95		413,715.35
	R.C.C MANHOLE COVER					
21/14 Page - 127	Providing and fixing 6" thick R.C.C. manhole cover with tee shaped C.I. frame of 22" I/d (frame weighing 37.324 Kg. or one maund as per Standard Drawing STD/PD No. 6, of 1977, complete in all respect.	Per Set	2.00	24,937.15		49,874.30

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	CHAIN PULLY					
23/52 Page - 153	Providing and fixing Chain Pulley Block of 5 ton capacity with 5 meter length of chain, as per required specifications complete in all respect and asapproved by the Engineer Incharge.	Each.	1.00	53,030.0		53,030.00
	SEWERAGE FORCE MAIN					
	EXCAVATION FOR PIPE					
3/43 Page - 26	Earth work excavation in open cutting for water supply lines, sewers and manholes including back filling, shuttering of wooden vertical planks, struts and beams, dressing to correct section and dimension according to templates and levels and removing surface water i/c back filling in all types of soil except shingle, gravel and rock,complete in all respect.					
	2) By Mechanical Means ii) Ordinary soil					
	a) 0 ft. to 7.0 ft. (0 to 2.10 m) depth	Cft	7,875.00	10.17		80,078.51
	EXCAVATION FOR CHAMBER					
3/21 Page - 24	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling in layers around structure with excavated earth, watering and ramming lead 'upto one chain (30 m) and lift upto 5 ft. (1.5 m)					
	a) By Manual ii) in ordinary soil.	Cft	338.00	17.09		5,775.81
	COMPACTION					
3/25 Page - 25	Compaction of earthwork with power road roller, including ploughing, mixing, moistening earth to optimum moisture content in layers, etc. complete:					
	ii) 90% maximum modified AASHTO dry density.	Cft	6,300.00	1.70		10,701.50
	PLAIN CEMENT CONCRETE					
6/5 Page - 34	Cement concrete plain including placing, compacting, finishing andcuring complete (including screening and washing of stone aggregate)					
	(i) Ratio (1:4:8)	Cft	24.00	360.30		8,647.08
	(f) Ratio (1:2:4)	Cft	28.00	490.86		13,743.94
	SAND AROUND PIPE					
21/22 Page - 128	Providing and laying sand under and around the sewer pipe, including leveling, manual compaction, complete in all respect.	Cft	2,656.00	33.88		89,973.33
	HDPE PIPE LAYING					
23/30/c Page - 142	Providing, laying, cutting, jointing, testing and disinfecting High Density Polyethylene Pipe (HDPE-100) working presure pipe conforming to standard ISO 4427, DIN 8074 / 8075, PS 3580, Beta/ Dadex / Popular/ IIL or approved equivalent manufacturer, including the cost of specials, intrenches, as approved & directed by the Engineer incharge, complete in all respects.. c) PN-10 (SDR-17)					
	x) 160 mm (6" Dia)	Rft	525.00	1,055.45		554,111.25
	REINFORCED CEMENT CONCRETE					

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
6/9 Page - 37	Placing, compacting, finishing and curing of concrete using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; including screening, washing of aggregates and mixing of constituents using batching plant, Transportation by transit mixer, in the required proportions to achieve a nominal cylindrical strength in the field as per ACI 214, with the specified consistency. i/c the cost of shuttering, compaction with Viberator, but excluding the cost of Admixture and hydraulic pump, as approved and directed by the Engineer Incharge.					
	(a) Superstructure (Slabs, Beams, Columns and others requiring formwork) (iv) 3,000 PSI	Cft	13.00	728.10		9,465.30
	CRUSH CARRIAGE					
1/1 Page-3	Carriage of 100 cft. (2.83 cu.m) of all material like stone, aggregate, spawl, kankar lime (unslaked), surkhi, etc.	Cft	59.00	51.67		3,048.79
	FABRICATION OF MILD STEEL					
6/12 Page - 38	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making jointsand fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- ('b) Deformed bars (ii) (Grade-60)	Kgs	55.00	308.28		16,955.32
	BRICK WORK OTHER THEN BUILDING					
7/7/i Page - 46	Pacca brick work other than building upto 10ft. (3 m) height. i) cement, sand mortar:- Ratio 1:2	Cft	109.00	485.70		52,941.79
	CEMENT PLASTER					
11/8 Page - 68	Cement plaster 1:3 upto 20' (6.00 m) height: b) 1/2" (13 mm) thick	Sft	360.00	52.07		18,744.66
	MANHOLE COVER					
21/14 Page - 127	Providing and fixing 6" thick R.C.C. manhole cover with tee shaped C.I. frame of 22" l/d (frame weighing 37.324 Kg. or one maund as per Standard Drawing STD/PD No. 6, of 1977, complete in all respect.	Per Set	2.00	24,937.15		49,874.30
	SIGNE POST					
18/19/iv/a Page - 109	Providing and erection at site of work:- a) Mandatory. (The rate is for complete item of work according to Standard design including cement concrete foundation block and painting letters etc.)	Each	2.00	13,104.20		26,208.40
	AIR VALVE					
23/37/b Page - 147	Providing and fixing, air valve 2½ (65mm) dia of B.S.S. quality and weight (complete with jointing material). b) double	No.	2.00	14,405.20		28,810.40
	SLUICE / WASH OUT (GATE) VALVE					
23/42 Page - 149	Providing and fixing heavy duty Gate valve of specified diameter and material for pressure rating PN-16 mde of Crane (USA), Hatersly (UK), Scon (Pakistan) or approved equivalent manufacturer, i/c the cost of all accessories flanges, nut / bolt and gas kit where required complete in all respect as approved and directed by the Engineer Incharge.					
b)	(b) Flange Ended Ductile Iron Valve					
	(xi) 6" dia	No.	2.00	49,894		99,787.20
	DRAINAGE SLOWDOWN CHAMBER					
	EXCAVATION FOR CHAMBER					

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
3/21 Page - 24	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling in layers around structure with excavated earth, watering and ramming lead 'upto one chain (30 m) and lift upto 5 ft. (1.5 m)					
	a) By Manual ii) in ordinary soil.	Cft	1,148.00	17.09		19,617.25
	BRICK OR STONE BALLAST					
6/2 Page - 34	Dry rammed brick or stone ballast, 1½" to 2"(40 mm to 50 mm) gauge.	Cft	46.00	140.77		6,475.19
	PLAIN CEMENT CONCRETE					
6/5 Page - 34	Cement concrete plain including placing, compacting, finishing andcuring complete (including screening and washing of stone aggregate)					
	(i) Ratio 1: 4: 8	Cft	81.00	360.30		29,183.90
	(f) Ratio 1: 2: 4	Cft	125.00	490.86		61,356.88
	REINFORCED CEMENT CONCRETE					
6/9 Page - 37	Placing, compacting, finishing and curing of concrete using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; including screening, washing of aggregates and mixing of constituents using batching plant, Transportation by transit mixer, in the required proportions to achieve a nominal cylindrical strength in the field as per ACI 214, with the specified consistency. i/c the cost of shuttering, compaction with Viberator, but excluding the cost of Admixture and hydraulic pump, as approved and directed by the Engineer Incharge.					
	(c) Substructure (Foundations, Raft, Strip and Footing Beams) (iv) 3,000 PSI	Cft	123.00	583.45		71,764.35
	(b) Retaining / Shear walls laid in situ or precast laid in position, or prestressed members cast (Formwork on both sides) (iv) 3,000 PSI					
	(i) Upto 9" thick (Avg)	Cft	179.00	644.80		115,419.20
	(a) Superstructure (Slabs, Beams, Columns and others requiring formwork) (iv) 3,000 PSI	Cft	49.00	728.10		35,676.90
	CRUSH CARRIAGE					
1/1 Page-3	Carriage of 100 cft. (2.83 cu.m) of all material like stone, aggregate, spawl, kankar lime (unslaked), surkhi, etc.	Cft	496.00	51.67		25,630.50
	FABRICATION OF MILD STEEL					
6/12 Page - 38	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making jointsand fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):- ('b) Deformed bars (ii) (Grade-60)	Kgs	1,290.00	308.28		397,679.27
	PLASTRING					
11/8 Page - 68	Cement plaster 1:3 upto 20' (6.00 m) height: b) 1/2" (13 mm) thick	Sft	393	52.07		20,462.92
	FABRICATION HEAVY STEEL WORK					
25/10+11 Page - 201	Fabrication and erection in position of heavy steel work, with angle, tees, flat ironround iron and sheet iron for making trusses, girders,tanks, etc., including cutting, drilling, revitting, handling, assembling and fixing, but excluding erection in position.	Kgs	11.00	379.38		4,173.13
	WATER STOPPER					

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Ref. No.	Description	Unit	Qty	Rate		Amount
****NEW CONSTRUCTION****						
****CIVIL WORKS****						
****MAIN BUILDING WORK****						
6/31 Page - 40	Providing embeding 10" (250 mm) wide ¼" (6 mm) thick rubber water stopper in expansion joints of R.C.C. roofslab complete in all respects.	Rft	38.00	426.00		16,188.00
	R.C.C MANHOLE COVER					
21/14 Page - 127	Providing and fixing 6" thick R.C.C. manhole cover with tee shaped C.I. frame of 22" I/d (frame weighing 37.324 Kg. or one maund as per Standard Drawing STD/PD No. 6, of 1977, complete in all respect.	Per Set	1.00	24,937.15		24,937.15
****NON-SCHEDULED ITEMS****						
	Providing , installation, testing and comissioning of submersible sewage pump, Flow (0.25 Cusecs), Head 50 ft including motor, (3x400 vx50 Hz) Encloser Class IP 68, Insulation Class F with tail cable +/- 10 m, with Motor control unit (star Delta) consisting of metalic box, magnetic conactor, moulded case circuit breakers, EOCR, EVR, AMPERE meter, volt selector switch, ampher selector switch, current transformer alongwith Float switch for Auto off pump(with tail vable +/- 10 meters) , connection with discharge header & electric wiring , pump control with level switch, complete in all respect.	Each	2.00	1,493,670		2,987,340.00
****CIVIL WORK (ICT & ELECTRIC)****						
Ch 3, Pg 27, Item 46	EXCAVATION Excavation of trenches in all kinds of	Cft	14,544	12.19		177,329.17
Ch 18, Pg 110, Item 24	SAND FILLING Providing and laying good quality / local sand cushion from approvedsource (compacted in layers not exceeding 6" thickness) by mechanized means including the cost of front end loader, viberatory roller and all lead and lifts,dressing,watering complete in all respect as approved and directed by the Engineer Incharge.	Cft	5,437	33.35		181,307.28
Ch 3, Pg 23, Item 13	REHANDLING OF EARTHWORK: a) Lead upto a single throw of Kassi, phaorah or shovel in Trenches	Cft	1,750	4.06		7,105.53
Ch 10, Pg 59, Item 6	BRICK SOLING Dry brick paving laid flat, sand grouted, including preparation of bed by watering, ramming and bringing the same to proper camber, by ½"(13 mm) thick mud plaster	Sft	1,750.00	95.88		167,791.75
Ch 6, Pg 34, Item 5-I	PCCCement concrete plain including, placing, comp	Cft	645.00	360.30		232,390.28
	Crush Carriage	Cft	611.26	28.71		17,548.10
Ch 6, Pg 34, Item 5-h	PCC Cement concrete plain including, placing, compacting, finishing and curing complete (incldуing screening and washing of stone aggregate) Ratio 1:3:6	Cft	700.00	415.42		290,796.10
	Crush Carriage	Cft	646.80	28.71		18,568.33
Ch 6, Pg 34, Item 5-f	PCC Cement concrete plain including, placing, compacting, finishing and curing complete (incldуing screening and washing of stone aggregate) Ratio 1:2:4	Cft	750.00	490.86		368,141.25
	Crush Carriage	Cft	660.00	28.71		18,947.28
Ch 7, Pg 46, Item 7-i	Brick Work Pacca brick work other than building upto 10ft. (3 m) height. Ratio 1:4	Cft	1,556.65	432.71		673,581.91

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
Ch 6, Pg 38, Item 9-c-vi	R.C.C Placing, compacting, finishing and curing of concrete using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; including screening, washing of aggregates and mixing of constituents using batching plant, Transportation by transit mixer, pouring with pump in the required proportions to achieve a nominal cylindrical strength in the field as per ACI 214, with the specified consistency. i/c the cost of shuttering, compaction with Viberator, excluding the cost of Admixture, as approved and directed by the Engineer Incharge. (vi) 3000 PSI	Cft	1,897.30	583.45		1,106,981.63
	Crush Carriage	Cft	1,669.63	28.71		47,931.65
Ch 6, Pg 38, Item 12-bii	REINFORCEMENT Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars) (Grade- 60)	Kg	3,244.61	308.28		1,000,242.48
Ch 21, Pg 127, Item 13	MANHOLE COVER Providing and fixing 3" (75 mm) thick R.C.C. manhole cover, 22" (550 mm) dia, with tee shaped C.I. frame of 20" (500 mm) clear i/d (frame weighing 37.324 Kg. or one maund) as per Standard drawing STD/PD No. 5, of 1977, complete in all respects.	Per Set	20.00	20,955.40		419,108.00
Ch 23, Pg 136, Item 14-b	PVC CONDUIT 4" DIA Providing, laying, cutting, jointing, testing and disinfectingPVC/ uPVC pipe line with working pressure pipe, in trenches,including specials (PS-3051=BS-3505), complete in all 'respects:- Class-D (12 bar) c- 4" i/d (100mm)	Rft	1,400.00	856.25		1,198,750.00
Ch 11, Pg 68, Item 8-b	CEMENT PLASTER Cement plaster 1:3 upto 20' (6.00 m) height:-½" (13 mm) thick	Sft	5,578.00	52.07		290,438.09
NON-SCHEDULED ITEMS						
	Warning Tape Providing and laying of warning tape 5" wide in trench over PVC conduit, complete in all respect as mentioned in the drawing and specification and as approved by engineer incharge.	Rft	2,100	2.05		4,302.44
LAND SCAPING						
Ch-3/7-1 Pg#23	EXCAVATIONEarthwork excavation in open cutting u	Cft	38	14.41		547.57
Ch-3/24bii Pg#25	COMPACTION Compaction of earthwork (soft, ordinary or hard soil) :- b) Compaction by rolling with animal driven roller/hand rammed:	Cft	38	2.84		108.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
Ch-3/17 pg#24	TRANSPORTATION & DISPOSAL Transportation of earth all types when the total distance,including the lead covered in the item of work, is more than 1000 ft. (300 m) a) upto ¼ mile (400 m). b) for every 330 ft. (100 m) additional lead or part thereof,beyond ¼ mile (400 m) upto one mile. (1.6 Km.) c) for every ¼ mile (400 m) additional lead or part thereof, beyond one mile (1.6 Km.) upto 5 mile (8 Km). d) for every ½ mile (800 m) additional lead or part thereof, beyond 5 miles (8 Km). (10KM Lead, Actual Lead chart to be approved by engineer incharge before execution of work)	Cft	39,085	15.83		618,715.55
NON-SCHEDULED ITEMS						
	SWEET EARTH Providing and laying Sweet Earth for Plantation / Planters as per Architect recommended depth as per relevant drawing. Complete as per Drawings, Specifications and as directed by the Consultants / Engineers.	Cft	39,047	14.00		546,658.00
	KOREAN GRASS Supplying and turfing lawns with korean grass sods including ploughing, laying, setting, spreading of cowdung manure and watering, complete in all respect as per drawing, specification and as approved by the Consultant or Engineer.	Sft	50,395.00	59		2,987,415.60
	DECORATIVE GARDEN STONE Providing, supplying, transporting, spreading and dressing approved fine decorative stone/gravel/pebble of approved colour and size, laid to the required thickness over prepared surface, including all labour, tools, equipment, loading, unloading, levelling, dressing, wastage , complete in all respects as approved by the Engineer-in-Charge.	Ton	3	35180.16		105,540.48
	ORNAMENTAL BENCHES Providing and fixing of out door garden bech in iron/wood, including the cost of all the necessary fittings as shown on the drawings, Complete in all respects, as approved by The Engineer.	Each	20.00	57,600		1,152,000.00
	TRASH BIN Supply, Fixing and installing of Cap Trashbin CD-01 with all fittings, logo message and accessories as per drawings and specifications. Complete in all respect.	Nos	10	22185.00		221,850.00
	GROUND COVERS, PLANTS, ORNAMENTS & SHRUBS Providing and Planting ground covers,Ornamental & Shrubs of approved age,color,height and pot size as mentioned in the Drawings, Specifications and as approved by the Consultant / Engineer					-
	RUELLIA	NO.	5,550	156.00		865,800.00
	DRACEANA MARGINATA	NO.	2,500.00	468		1,170,000.00
	RIBBON GRASS	NO.	950	312.00		296,400.00
	IRESINE	NO.	7,475.00	234		1,749,150.00
	DRACEANA REFLEXA SONG OF JAMICA	NO.	2,875	1092.00		3,139,500.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	PALMS & TREES 24" to 36" pot size Providing and Planting Palms/Trees of approved age, color, height and pot size as mentioned in the Drawings, Specifications and as directed by the Consultants / Engineers.					
	JACARANDA	NO.	7	23400.00		163,800.00
	CASSIA NODOSA	NO.	6.00	23,400		140,400.00
	BUDHA TREE	NO.	4	15600.00		62,400.00
	GUL E MOHAR	NO.	4.00	15,600		62,400.00
	TABEBUIA PINK	NO.	3	23400.00		70,200.00
	TABEBUIA YELLOW	NO.	3.00	23,400		70,200.00
	CASSIA FISTULA AMALTAS	NO.	9	31200.00		280,800.00
	CHAEMEROPS PALM	NO.	5.00	39,000		195,000.00
	KANGHI PALM	NO.	2	23400.00		46,800.00
	FOXTAIL PALM	NO.	7.00	234,000		1,638,000.00
	BISMARKIA PALM	NO.	5	31200.00		156,000.00
	WASHINGTONIA PALM	NO.	5.00	23,400		117,000.00
	PHONIX PALM	NO.	9	12480.00		112,320.00
	RIPHUS LADY PALM	NO.	15.00	15,600		234,000.00
	ANCILLARY BUILDINGS (I-MV ROOM)					
	STRUCTURE					
	SITE CLEARING AND GRUBBING					
Chapter-3 Item#47a,P-27	Jungle clearance and removing within 100 ft. (30 m). etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer. (light)	Sft	164.00	0.41		66.59
	EXCAVATION					
Chapter-3	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer.					
b)	Hard soil or Soft murum					
Item#21 1b(iii) P-24	From ± 0'-0" to -5' - 0"	Cft	612.00	12.79		7,826.38
	BACKFILLING					
Chapter-3	Supplying and filling watering and ramming earth under floor with new earth excavated from outside) lead upto one chain (30 m) compaction of earthwork with power road roller, including, ploughing, mixing, moistening earth to optimum moisture content in layers to obtain 95% to 100% maximum modified AASHO dry density. including all lead & lifts etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer.					
Item#15(i)+25(i) P-23,25	With surplus earth from foundation, etc. (Earth for backfilling from excavation)	Cft	153.00	10.17		1,555.51
Item#15(ii)+25(i) P-23,25	with new earth excavated from outside, lead upto one chain (30 m). Add lead 10KM	Cft	240.00	35.39		8,492.82
	DISPOSAL OF EARTHWORK					
Chap#3 Item#17a~d, P-23	Transportation (Disposal) of excavated earth for 10 Km	Cft	153.00	15.83		2,421.99
	SAND FILLING					

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
Chapter-3 Item#25(i), P#25 + Chapter-10 item#3, P#59	Supplying and filling sand under floor,or plugging in well compaction of earthwork with power road roller, including, ploughing, mixing, moistening earth to optimum moisture content in layers to obtain 95% to 100% maximum modified AASHO dry density. including all lead & lifts etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer.	Cft	40.00	37.58		1,503.13
	ANTI TERMITE					
Chapter-26 Item#45, P-212	Spraying termite proofing by using liquid FMC/ Biflex/ Terminex Exin/ Ms Hextar or equivalent @ specified suspension concenterate (SC), Mixing Ability-HEXTAR with Ratio (1:250) = 540 Sft or equivalent approved liquid applying with shower and certificate will be provided by the contractor for 10-years complete in all respect .as approved by the Engineer Incharge.	Sft	589.00	12.70		7,480.30
	P.C.C (1:4:8)					
Chapter-6	Providing and laying cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate) complete in all respects as per drawing, standard, specifications and as directed by the Engineer.					
Item#5(I) P-34	Below foundation, plinth beam,situ,walls,tanks, over stone soling or where required (Ratio 1:4:8) (1500 Psi)	Cft	55.00	360.30		19,816.23
Chapter-01 Item#1 P-03	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. (1500 Psi)	Cft	52.12	28.71		1,496.38
	REINFORCED CONCRETE WORKS					
	Strength Based Concrete					
Chapter-6 Item#9, P-37	Providing, Placing, compacting, finishing and curing of concrete using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; including screening, washing of aggregates and mixing of constituents using batching plant, admixture, Transportation by transit mixer, pouring with pump in the required proportions to achieve a nominal cylindrical strength in the field as per ACI 214, with the specified consistency. i/c the cost of shuttering, compaction with Viberator, cost of Admixture, as approved and directed by the Engineer Incharge.					
(c)	Substructure (Foundations, Raft, Strip and Footing Beams)					
(iv) 4000 Psi	Foundation Raft / Isolated 4000 Psi	Cft	75.00	687.35		51,551.25
(iv) 4000 Psi	Plinth Beams 4000 Psi	Cft	21.00	687.35		14,434.35
(b)	Retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast (Formwork on both sides)					
(iv) i 4000 Psi	R.C.C wall (4000 Psi) (i) Upto 9" thick	Cft	44.00	748.70		32,942.80
(a)	Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:					
(iv) 4000 Psi	Columns (4000 Psi)	Cft	36.00	832.00		29,952.00
(iv) 4000 Psi	Beams (4000 Psi)	Cft	30.00	832.00		24,960.00
(iv) 4000 Psi	Slabs (4000 Psi)	Cft	44.00	832.00		36,608.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
(b)	Retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast (Formwork on both sides)					
(iv) i 4000 Psi	Parapit wall (4000 Psi) (i) Upto 9" thick	Cft	43.00	748.70		32,194.10
Chapter-01 Item#1 P-03	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. (4000 Psi)	Cft	337.00	28.71		9,674.76
Chapter-06 Item#9e P-38	Extra for placing of concrete with concrete placing boom pump of specified output, vertical & horizontal reach, as approved & directed by the Engineer Incharge.	Cft	343.00	7.40		2,538.20
	STEEL REINFORCEMENT					
Chapter-6 Item#12(b-ii), P-38	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):-					
	Deformed bars (Grade-60)	Kg	1,156.05	308.28		356,385.36
(a)	Plain bars	Kg	80.00	294.07		23,525.20
	ADMIXTURE					
Chapter-6 Item#57a P-43	Providing and mixing super plasticizer (water reducing admixture) as defined in ASTM C-94 in order to achieve the required consistancy / workablility measured by the slump or to acheive specified strenth in the ratio as proposed by the designer in the concrete mix design etc. complete in all respect as appprved and directed by Engineer incharge. a) Super Plasticizer	Ltr	32.00	184.65		5,908.80
Chapter-25 Item#10 P-202	Fabrication of heavy steel work, with angle, tees, flat iron round iron and sheet iron for making trusses, girders, tanks, etc., including cutting, drilling, refitting, handling, assembling and fixing, but excluding erection in position.	Kg	444.00	364.02		161,623.10
Chapter-25 Item#11 P-202	Erection and fitting in position iron trusses, staging of water tanks, etc.	Kg	444.00	15.36		6,819.40
	CIVIL WORKS					
	BRICK BALLAST					
Chapter-10 Item#4,P-59	Providing, laying, watering and ramming brick or stone ballast 1½" to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for floor foundation, complete in all respects.	Cft	20.00	144.79		2,895.88
	SOLID BLOCK WORK					
Chapter-6 Item#13 P-38	Providing & Fixing of Precast cement concrete solid or face blocks (1:2:4),including cost of templates, mortor (1:5) and labour for fixing at any height.	Cft	558.00	574.05		320,319.90
	PCC FOR FLOORS / ROOF					
Chapter-6 Item # 5 -(f) P-34	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): RATIO 1:2:4	Cft	50.00	490.86		24,542.75
ARCHITECTURE						
	Plain and Reinforement Concrete					
CH:6 item 5	Cement concrete plain including placing, compacting , finishing and curing complete (including screening and washing of stone aggregate):-including cost of carriage at site					
(i)	Ratio 1: 4: 8 (Under Plinth Protection)	Cft	107.93	360.30		38,887.59
(f)	Ratio 1: 2: 4	Cft	66.64	490.86		32,710.39

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
CH:6 item 6 (b)(3)	(b) Precast reinforced cement concrete and prestressed reinforced cement concrete in columns, beams, lintels, stair cases, shelves, etc. (3) Type C (nominal mix 1: 2: 4)	Per Cft	10.85	738.90		8,016.42
CH:6 item 6 (c)	Erecting and fixing in position, precast cement concrete or stone slab in roofs or lintels, etc. lift unto 20 ft., (6m) including all charges.	Per Cft	10.85	143.20		1,553.59
	Carriage					-
CH:1 item 1	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor.					-
	(1:2:4) Under Floor	Per Cft	179.71	28.72		5,161.33
	Steel Reinforcement					-
CH:6 item 12 (c)	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars) (c) Deformed bar (Grade 60)	Kg	68.90	308.28		21,239.24
	Damp Proof Course					-
CH:6 item 33 (a)(ii)	Providing and laying damp proof course of cement concrete 1:2: 4(using cement, sand and shingle), including bitumen coating :- (a) with one coat bitumen and one coat polythene sheet 500gauge: ii) 2" thick (50 mm)	Sft	28.93	134.79		3,899.70
CH:6 item 35 (a)(ii)	Providing and laying vertical damp proof course with cement sand plaster and bitumen coating (a) with one coat of bitumen and one coat of polythene sheet 500 gauge: ii) Ratio 1:3 b) ¾ " thick (20 mm)	Sft	86.79	92.89		8,061.98
	Flooring					-
Ch-7 item 30	Supplying and filling sand under floor; or plugging in wells	Cft	84.54	35.57		3,006.92
Ch-10 item 3	Providing, laying, watering and ramming brick ballast 1½ to 2"(40 mm to 50 mm) gauge mixed with 25 % sand, for floor foundation, complete in all respects	Cft	64.05	144.79		9,273.68
Ch-10 item 22 b) (ii)	Providing & Laying mosaic flooring consisiting of one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips,laid over 1"(25 mm) thick flooring of 1:2:4 cement concrete including rubbing and polishing complete with finishing :- b) 1½"(40 mm) thick mosaic flooring, consisting of ½ "(13mm) mosaic topping (ii) using white cement	Sft	84.00	351.49		29,525.12
CH:10 item 33 (b)	Tile skirting laid in 1:2 cement mortar, over ¾"(20 mm) thick cement mortar, 1:2 including cement washing and filling joints complete:- (b) mosaic tiles	P.Sft	12.59	282.82		3,559.91
Ch-10 item 25 b)	Rubbing and polishing old grit/ mosaic floor, including repairing voids, uneven surface, complete in all respects. b) New Grit / Mosaic Floor (Note: Rs. 730.40 per % Sft will be paid if only polishing is done)	Sft	96.59	48.39		4,673.53

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
Ch-6 item 53	Providing and fixing precast Edge Kerb Stone (100mm to 150mm thick), of 3500 PSI Compressive Strength, embeded in PCC 1:2:4 over lean concrete 1:4:8 etc complete in all respect. b) With Painting (iii) (300x150x450mm high)	Rft	85.40	698.30		59,632.38
	Surface Rendring					-
Ch-11 item 10 (b)	Cement plaster ratio 1:3 under soffit of RCC roof slabs only , upto 20' height. 3/8" (10 mm) thick. (ceiling plaster)	Sft	84.00	56.77		4,768.30
Ch-11 item 9 (b)	Cement plaster 1:4 on internal walls upto 20' (6 m) height, 1/2" (13 mm) thick.	Sft	453.60	49.59		22,493.12
Ch-11 item 9 (c)	Cement plaster 1:4 on external walls upto 20' (6 m) height, 3/4" (20 mm) thick.	Sft	807.44	66.41		53,624.75
CH:11 item-43	Providing and Fixing MS Diamond Wire Mesh of 24 guage (6" Wide) for horizontal and vertical joints of concrete interfacing masonry with nails, washers etc., i/c cost of all type labour and material, as shown on drawings, as per spicifications, complete in all respects, , as approved and directed by the Engineer Incharge.	Rft	378.31	26.55		10,044.21
CH:11 item-45	Extra For making Grooves with Providing and fixing Aluminum Trim Size: 1/2" x 1/2" in external grooves i/c cost of scaffolding fixing at any height in any floor, with screw for fixing or so directed, on exterior face of building, complete in all respect, as per Specifications, as approved by the Engineer.	Rft	347.17	67.95		23,590.34
	Painting and Warnishing					-
CH:13 item-46	Providing and applying wall putty of 2mm thickness over plastered surfac (new surface) to prepare the surface even and smooth complete in all respect.	Sft	537.60	5.76		3,097.92
Ch-13 item 31 (a)+(bx2)	Preparing surface and painting with Plastic Emulsion Paint:-					-
	a) first coat	Sft	537.60	17.92		9,631.64
	b) 2nd and 3rd coat	Sft	537.60	27.91		15,004.95
Ch-13 item 32A (a)(i+ii)	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect:-New Surface					-
	i) 1st Coat	Sft	807.44	50.06		40,423.45
	ii) 2nd Coat	Sft	807.44	27.63		22,305.63
						-
Ch-11 item 44	Providing & applying 6 mm thick fine textured Silica Sand Coating / Colorcrete including fungus control chemicals, non-shrinkage agent, water sealant (2 Coats) formed by special protective decorative coating of approved colour & shade with trowel having top class finish over well cleaned plastered surface i/c preparation and cleaning the surface, complete in all respect as approved and directed by the Engineer Incharge.	Per/Sft	125.00	179.50		22,437.50
Ch-10 item 50	Extra for Bevelling charges of marble edge in approved design complete in all respects i/c the cost of Carborandam disc as approved and directed by the Engineer Incharge.	Rft	3.15	39.90		125.69
Ch-10 item 52	Providing and laying Prepolished Granite of specified thickness and shade of full width of approved quality laid with adhesive bond over 3/4" thick (1:2) cement sand mortor bed , complete in all respect as approved and directed by the Engineer Incharge.					-

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
(i)	(i) 3/4" thick					-
	Windows Sill	Per/Sft	1.58	1,147.25		1,806.92
b	Thresholds	Per/Sft	7.35	1,147.25		8,432.29
	Steel and Iron Works					-
CH:25 item 70	Providing and fixing MS louvered door comprising of 3/4"x3/4"x2" louvers of 16 SWG MS sheet welded with door frame of size 2"x4" 16 SWG MS pipe with lock rail i/c the cost of handles, 1" dia MS sliding bolt ,three coats of fire proof paint complete in all respect as approved and directed by the Engineer Incharge.					-
	Door	Per/Sft	73.50	1,623.10		119,297.85
	Ventilator	Per/Sft	2.36	1,623.10		3,834.57
Ch-10 item 45(a)	Providing and laying Tuff pavers, having 7000 PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to require slope . complete in all respect. (50% Grey / 50% Coloured) a) 50-mm thick	Sft	256.19	188.20		48,214.86
	Roofing / Waterproofing					-
Ch-26 item 37 (ii)	Supplying and laying polythene sheet over D.P.C. under floors and on roofs, etc. ii) 500 gauge (.005" thick) 2 - Layer.	Sft	222.12	11.80		2,620.98
Ch-9 item 46 (ii)	Providing and applying torch-on plain waterproofing bitumenous membrane of specified thickness (made of Roof-Grip / Euro Bit) duly lapped/connected by heating with Torch over ps-6 primer i/c preparation/smoothen the surface complete in all respect as approved and directed by the Engineer Incharge.ii) 4 mm thick	Sft	111.06	132.35		14,698.59
Ch-9 item 45 (c)	Providing and Laying Insulation material of Extruded Polystyrene XPS in Rigid Insulation / Foam Board on roof or walls, Density 32-38Kg/M, compressive strength 250-400 kpa, R-value 5 per inch thickness and water obsorption (1% by volume, cell structure clored cell) i/c cutting and placing in position. complete in all respect. c) 2" thick	Sft	111.06	101.02		11,218.69
Ch-10 item 13 (a)	Cement concrete tiles laid in 1:2 cement mortar, over 3/4" (20 mm) thick bed of cement mortar 1:2:- (a) 12"x12"x1" (300 x 300 x 25 mm)	Sft	111.06	217.85		24,193.98
Ch-9 item 18	Plain galvanized iron sheet flashing, 22 gauge.	Sft	43.40	407.45		17,681.90
Ch-9 item 15	Khuras on roof 2'x2'x6" (600 x 600 x 150 mm).	Each	1.00	1,240.85		1,240.85
Ch-9 item 16	Bottom Khuras of brick masonry in cement mortar 1:6, 4'x2'x4½" (1200x600x113 mm) over 3" (75 mm) cement concrete 1:4:8.	Each	1.00	2,399.30		2,399.30
NON SCHEDULE						
	Flooring					-
	Providing and laying Sealant (Polyurethane) in joints at any floor and any height, as shown on the drawings Complete in all respects, as approved by The Engineer.	Per/Rft	43.40	1,586.40		68,844.21
ELECTRICAL WORK						
NON SCHEDULE						
	Conduits & Pipes					

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
24/3	Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials.					
a)	Recessed in walls i/c making jharries					
iii	25 mm i/d	Per Rft.	450.00	140.15		63,067.50
iv	32 mm i/d	Per Rft.	125.00	167.10		20,887.50
	Conduit For Earthing Conductor					-
24/3	Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials.					-
vi	50 mm i/d	Per Rft.	250.00	241.95		60,487.50
23/14	Providing, laying, cutting, jointing, testing and disinfecting PVC/ uPVC pipe line with working pressure pipe, in trenches, including specials (PS-3051=BS-3505), complete in all respects:-					-
b)	Class-D (12 bar)					
viii)	10"	Per Rft	6,650.00	2,770.60		18,424,490.00
	Wiring Cables					
24/8	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only):-					
c)	450/750 volts, PVC insulated:					-
ii)	1.5 mm sq (3/0.029")	Per Rft.	325.00	42.75		13,893.75
iii)	2.5 mm sq (7/0.029")	Per Rft.	450.00	63.10		28,395.00
iv)	4 mm sq (7/0.036")	Per Rft.	350.00	83.40		29,190.00
v)	6 mm sq (7/0.044")	Per Rft.	150.00	115.40		17,310.00
xiii)	120 mm sq (37/0.083")	Per Rft.	350.00	1,480.20		518,070.00
	Supply, installation, testing, commissioning and termination of 8.7 / 15kV, AL/XLPE/UA/PVC three Core (MV cables) of Pakistan cables / Newage or approved equivalent along with cable glands, in already installed cable trench / cable ladder / cable tray / duct bank.					-
viii)	300mm sq	Per Rft	4,500.00	3,358.30		15,112,350.00
	LV Switchgears					-
24/85	Supplying, Installation and commissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / SIEMEN GERMAN/ TERASAKI JAPAN/ ABB SWITZERLAND in prelaid DBs and Panels i/c the cost of screwes,necessary wire complete in all respect as approved and directed by the Engineer Incharge					-
a)-ii	Single Pole 6-40 Amp (6 KA)	Each	12.00	1,177.80		14,133.60
24/86	Supplying ,Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/ SIEMEN/ ABB SWITZERLAND (with fixed Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.					-
a)-ii	Triple Pole 15-100 Amp (10 KA,15KA)	Each	3.00	11,835.45		35,506.35

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
24/89	P/F 17.5 KV, (VCB) Vacuum Circuit Breaker of specified current rating & breaking capacity, draw out type (DOT), operating voltages 11KV, made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/ABB SWITZERL or as approved by WAPDA/ Local Power Distribution Authority/ NTDC, with closing/ opening coil 100-130 V AC/DC, Motor mechanism 220 VAC, in prelaid Panels i/c the cost of protection relays, screws necessary wire complete in all respect as approved and directed by the Engineer Incharge.					
a)	630 Amp 25KA	Each	5.00	2,312,950.30		11,564,751.50
24/90	P/F wall mounted DB (Distribution Board) made with 16SWG Sheet (Recessed/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights, Thimble, Copper Comb, Wiring, Neutral & Earth Bar, Door Earthing, Digital Voltmeter, Digital Ammeter, Volt Selector Switch, Ammeter selector switch, Current Transformers and Controls Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately).					-
a i)	6" deep 20~60A	P.Cft	4.50	24,283.05		109,273.73
24/91	2. HT Switchboards (Industrial/metering panel, Grid end/ consumer panels, transformer protection panels & pad mounted ring main unit) As per WAPDA standard.					
a)-i	3.00 Ft deep 630~2500A	P.Cft	560.00	6,498.85		3,639,356.00
	Exhaust Fans					-
24/102	Providing and fixing Copper winded Exhaust fan with louver and shutter made of Pak/Younas/G.F.C. i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge.					-
	(a) Plastic body					-
ii)	12" dia	Each	2.00	5,685.50		11,371.00
	Bracket Fans					-
24/103	Providing and fixing Pakistan Energy Label NEECA approved Copper winded wall bracket Fan i/c the cost of necessary cable and hardware for connection as approved and directed by Engineer Incharge.					-
i)	18" sweep	Each	2.00	6,861.15		13,722.30
	Wiring Accessories					-
24/105	P/F PVC double layer Switch kit Faceplate with specified switch holes i/c the cost of switches / sockets / dimmer made of Legrand/ ABB / Schneider or approved equivalent manufacturer, screws complete in all respect, as approved and directed by the Engineer In charge.					-
a)	One way Gange Switch Small					-
i)	01 Gange	Each	1.00	463.20		463.20
ii)	02 Gange	Each	2.00	704.40		1,408.80
iii)	03 Gange	Each	1.00	888.00		888.00
iv)	Three pin Light Plug 10/13 Amp	Each	4.00	754.45		3,017.80
viii)	Three Pin Power Plug 15-32 Amp	Each	2.00	924.55		1,849.10
d)	Industrial Socket IP-65 with maching plug.					
	1) Three pin, single phase					
ii)	32A	Each	2.00	3,243.10		6,486.20
iii)	63A	Each	2.00	13,614.70		27,229.40
	3) Three pin, Single Phase Plug					
ii)	32A	Each	2.00	2,279.65		4,559.30
iii)	63A	Each	2.00	8,651.65		17,303.30

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
24/106	Supply, installation, testing & commissioning of 16 SWG Sheet Steel powder coated back Boxes with earth terminal, recessed in wall, including accessories, , complete in all respect as per specifications and s approved by Engineer In charge.					-
i)	Small 3"x3"	Each	10.00	438.80		4,388.00
ii)	Large 6"x3"	Each	4.00	702.80		2,811.20
	Earthing Conductor					-
24/120	Supply, installation, testing & commissioning of complete grounding system.					-
ix)	95 mm² CU bare conductor	Per Rft.	200.00	1,206.95		241,390.00
	NON SCHEDULE					
	Lighting Fixtures					
	Supply, installation, testing & commissioning of following LED Light fixtures complete with Electronic ballast (unless mention otherwise), lamps, lamp holders, Earth Protection and mounting accessories etc., as per specification, complete in all respects, as per drawings and Technical Specification "Section-E-6 Lighting Fixtures", complete in all respect. Lighting fixtures sample must be submitted to consultant for approval. PF> 0.9, CRI>80, Light Color 2500K to 5000K as Approved by The Engineer/Architect. Operating Life 50,000hrs, IEC Certified. Note: Refer light fixtures drawings/Schedule for complete light fixtures details.					
Non Schedule	Decorative smart LED hanging suspended fitting 36 IP67/65, 110 Lumens/watt.	Each	6.00	23,235.00		139,410.00
Non Schedule	SMART LED down light surface type 18 watt	Each	4.00	7,259.00		29,036.00
Non Schedule	LED Flood Light 50 Watt (IP67/ 65) efficiency 125 Lumens/watt.	Each	4.00	9,674.00		38,696.00
	11 KV Synch Panel					-
	Supply, Installation, testing & commissioning of following Free Standing Floor Mounted, totally Enclosed, Cubical type, Low Voltage Genset Synch & ATS Panel (11KV) with Incoming and Outgoing Circuit Breakers control wiring between D.G Set and Synch panel with protection (UVT,Shunt coil etc.) components as per SLD with cable terminations. made with 14 SWG sheet metal housing powder coated with approved color, (As per specifications), incoming and out going cables. Complete in all respects. Integrateable via MODBUS / BACNET, as per Technical Specification "Section-E-11 SUB-STATION"					-
Non Schedule	11 KV Generator Synchronization Panel 1-2500 KVA & 1- 2000 KVA DG Sets, both side extendable (Equipped with Soft Transfer, Load Sharing Management)	Each	1.00	9,594,458.00		9,594,458.00
Non Schedule	11 KV ATS Panel Between WAPDA & Gen Sets with soft transfer including EMI with all accessories and components complete in all respects.	Each	1.00	20,928,383.00		20,928,383.00
	Earthing System					-
	Supply, installation, testing and commissioning of following items for Earthing/ Grounding System for lightning protection and grounding of other systems including all material, boring, labor, tools, transportation, accessories etc. Complete in all respects with detailed test reports.					-

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
Non Schedule	Chemical Enhanced Earth using 38 mm dia 10'-0" long copper pipe filled with soil conditioning material including 6" dia, 11' deep boring and back filled chemical to enhance conductivity. Complete with thermos weld joint, 13" dia heavy duty Cast Iron round cover as per details	Each	4.00	85,745.00		342,980.00
Non Schedule	20mm dia 10'-0" long Tin platted copper Rod. Complete with thermos weld joint, 13" dia heavy duty Cast Iron round cover as per details.	Each	1.00	85,745.00		85,745.00
Non Schedule	Supply, Installation, Testing and Commissioning of Earth Copper Bar (Test Link) for Earthing System as shown in the drawing and as per specification, along with all necessary accessories complete in all respect.	Each	4.00	21,800.00		87,200.00
Non Schedule	Earth Grounding Bar (EGB) or Equipotential bar made with 450mm wide, 50mm high and 8mm thick tin plated Copper, Bar shall be provided with holes suitable for installation of 4 No. 95 sqmm bare copper conductor. EGB shall be enclosed in appropriate size of powder coated metal enclosure with front accessible cover.	Each	3.00	50,510.00		151,530.00
	4 Way Ring Main Unit (RMU):					-
Non Schedule	Supply, installation, testing and commissioning of 11 kV, 4-Way Ring Main Unit (RMU), metal enclosed, SF_6/solid insulated, non-extensible/extensible type, rated 630 A, 50 Hz, short time withstand current 21 kA for 3 seconds, complete in all respects, configured as 2 ring ways with load break switches, 1 transformer feeder with LBS and HV HRC fuse protection, and 1 spare/future way, each way having integral earthing switch and all required mechanical interlocks. The RMU shall be manufactured in accordance with IEC 62271 series and comply with WAPDA/ GEPCO requirements, with copper busbars, cable compartments suitable for termination of XLPE cables, voltage presence indicators, fault passage indication, gas pressure indicator, mimic diagram, padlocking facility, danger labels, and a continuous earth bus. The scope includes all internal wiring, auxiliaries, installation on plinth, termination, testing, commissioning, submission of routine test certificates, drawings, operation & maintenance manuals, and warranty for 02 years from commissioning.	Each	2.00	3,884,672.00		7,769,344.00
PLUMBING WORKS						
Ch 23 / Pg-136 Item15	Providing, laying, testing and commissioning µ-PVC (Un plasticized Polyvinyl Chloride) Pressure pipe of nominal diameter, conforming to PS-3051/BS-3505, Dadex/Popular / Beta or approved equivalent manufacturer, i/c the cost of solvent and specials complete. As approved and directed by the Engineer Incharge.					
a	Class-D					
v	4" dia	Rft	108.00	855.15		92,356.20
Ch 09/ Pg 54 /Item 15	Khuras on roof 2'x2'x6" (600 x 600 x 150 mm)	Nos	2.00	1,240.85		2,481.70
Ch 19/ Pg 122/ Item 13	Providing and Fixing of SS 304 Roof / scupper Drain, complete in all respect as approved and directed by Engineer Incharge. 4" dia					
i	4" dia	Each	2.00	1,284.80		2,569.60
** ANCILLARY BUILDINGS (II-LV ROOM)**						
STRUCTURE						

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	SITE CLEARING AND GRUBBING					
Chapter-3 Item#47a,P-27	Jungle clearance and removing within 100 ft. (30 m). etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer. (light)	Sft	1,021.00	0.41		414.58
	EXCAVATION					
Chapter-3	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer.					
b)	Hard soil or Soft murum					
Item#21 1b(iii) P-24	From ± 0'-0" to -5' - 0"	Cft	2,440.00	12.79		31,203.21
	BACKFILLING					
Chapter-3	Supplying and filling watering and ramming earth under floor with new earth excavated from outside) lead upto one chain (30 m) compaction of earthwork with power road roller, including, ploughing, mixing, moistening earth to optimum moisture content in layers to obtain 95% to 100% maximum modified AASHO dry density. including all lead & lifts etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer.					
Item#15(i)+25(i) P-23,25	With surplus earth from foundation, etc. (Earth for backfilling from excavation)	Cft	610.00	10.17		6,201.72
Item#15(ii)+25(i) P-23,25	with new earth excavated from outside, lead upto one chain (30 m). Add lead 10KM	Cft	2,159.00	35.39		76,399.99
	DISPOSAL OF EARTHWORK					
Chap#3 Item#17a~d, P-23	Transportation (Disposal) of excavated earth for 10 Km	Cft	610.00	15.83		9,656.30
	SAND FILLING					
Chapter-3 Item#25(i), P#25 + Chapter-10 item#3, P#59	Supplying and filling sand under floor,or plugging in well compaction of earthwork with power road roller, including, ploughing, mixing, moistening earth to optimum moisture content in layers to obtain 95% to 100% maximum modified AASHO dry density. including all lead & lifts etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer.	Cft	360.00	37.58		13,528.17
	ANTI TERMITE					
Chapter-26 Item#45, P-212	Spraying termite proofing by using liquid FMC/ Biflex/ Terminex Exin/ Ms Hextar or equivalent @ specified suspension concenterate (SC), Mixing Ability-HEXTAR with Ratio (1:250) = 540 Sft or equivalent approved liquid applying with shower and certificate will be provided by the contractor for 10-years complete in all respect .as approved by the Engineer Incharge.	Sft	2,643.00	12.70		33,566.10
	P.C.C (1:4:8)					
Chapter-6	Providing and laying cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate) complete in all respects as per drawing, standard, specifications and as directed by the Engineer.					
Item#5(I) P-34	Below foundation, plinth beam,situ,walls,tanks, over stone soling or where required (Ratio 1:4:8) (1500 Psi)	Cft	232.00	360.30		83,588.44

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
Chapter-01 Item#1 P-03	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. (1500 Psi)	Cft	219.86	28.71		6,311.98
	REINFORCED CONCRETE WORKS					
	Strength Based Concrete					
Chapter-6 Item#9, P-37	Placing, compacting, finishing and curing of concrete using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; including screening, washing of aggregates and mixing of constituents using batching plant, Transportation by transit mixer, in the required proportions to achieve a nominal cylindrical strength in the field as per ACI 214, with the specified consistency. i/c the cost of shuttering, compaction with Viberator, but excluding the cost of Admixture and hydraulic pump, as approved and directed by the Engineer Incharge.					
(c)	Substructure (Foundations, Raft, Strip and Footing Beams)					
(iv) 4000 Psi	Foundation Raft / Isolated 4000 Psi	Cft	545.00	687.35		374,605.75
(iv) 4000 Psi	Plinth Beams 4000 Psi	Cft	84.00	687.35		57,737.40
(b)	Retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast (Formwork on both sides)					
(iv) i 4000 Psi	R.C.C wall (4000 Psi) (i) Upto 9" thick	Cft	158.00	748.70		118,294.60
(a)	Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:					
(iv) 4000 Psi	Columns (4000 Psi)	Cft	263.00	832.00		218,816.00
(iv) 4000 Psi	Beams (4000 Psi)	Cft	136.00	832.00		113,152.00
(iv) 4000 Psi	Slabs (4000 Psi)	Cft	403.00	832.00		335,296.00
(b)	Retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast (Formwork on both sides)					
(iv) i 4000 Psi	Parapit wall (4000 Psi) (i) Upto 9" thick	Cft	138.00	748.70		103,320.60
Chapter-01 Item#1 P-03	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. (4000 Psi)	Cft	2,107.52	28.71		60,503.74
Chapter-06 Item#9e P-38	Extra for placing of concrete with concrete placing boom pump of specified output, vertical & horizontal reach, as approved & directed by the Engineer Incharge.	Cft	2,180.00	7.40		16,132.00
	STEEL REINFORCEMENT					
Chapter-6 Item#12, P-38	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):-					
(b-ii)	Deformed bars (Grade-60)	Kg	7,142.10	308.28		2,201,755.87
(a)	Plain bars	Kg	724.80	294.07		213,138.31
	ADMIXTURE					

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
Chapter-6 Item#57a P-43	Providing and mixing super plasticizer (water reducing admixture) as defined in ASTM C-94 in order to achieve the required consistancy / workablility measured by the slump or to acheive specified strenth in the ratio as proposed by the designer in the concrete mix design etc. complete in all respect as appprved and directed by Engineer incharge. a) Super Plasticizer	Ltr	216.00	184.65		39,884.40
Chapter-25 Item#10 P-202	Fabrication of heavy steel work, with angle, tees, flat iron round iron and sheet iron for making trusses, girders, tanks, etc., including cutting, drilling, refitting, handling, assembling and fixing, but excluding erection in position.	Kg	2,093.00	364.02		761,885.49
Chapter-25 Item#11 P-202	Erection and fitting in position iron trusses, staging of water tanks, etc.	Kg	2,093.00	15.36		32,146.39
	CIVIL WORKS					
	BRICK BALLAST					
Chapter-10 Item#4,P-59	Providing, laying, watering and ramming brick or stone ballast 1½" to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for floor foundation, complete in all respects.	Cft	180.00	144.79		26,062.92
	SOLID BLOCK WORK					
Chapter-6 Item#13 P-38	Providing & Fixing of Precast cement concrete solid or face blocks (1:2:4),including cost of templates, mortor (1:5) and labour for fixing at any height.	Cft	1,870.00	574.05		1,073,473.50
	PCC FOR FLOORS / ROOF					
Chapter-6 Item # 5 -(f) P-34	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): RATIO 1:2:4	Cft	453.00	490.86		222,357.32
ARCHITECTURE						
	Plain and Reinforement Concrete					
CH:6 item 5	Cement concrete plain including placing, compacting , finishing and curing complete (including screening and washing of stone aggregate):-including cost of carriage at site					
(i)	Ratio 1: 4: 8 (Under Plinth Protection)	Cft	195.41	360.30		70,406.95
(f)	Ratio 1: 2: 4	Cft	416.29	490.86		204,336.71
CH:6 item 6 (b)(3)	(b) Precast reinforced cement concrete and prestressed reinforced cement concrete in columns, beams, lintels, stair cases, shelves, etc. (3) Type C (nominal mix 1: 2: 4)	Per Cft	34.47	738.90		25,472.93
CH:6 item 6 (c)	Erecting and fixing in position, precast cement concrete or stone slab in roofs or lintels, etc. lift unto 20 ft., (6m) including all charges.	Per Cft	34.47	143.20		4,936.69
	Carriage					-
CH:1 item 1	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor.					-
	(1:2:4) Under Floor	Per Cft	611.31	28.72		17,556.82
	Steel Reinforcement					-
CH:6 item 12 (c)	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars) (c) Deformed bar (Grade 60)	Kg	218.92	308.28		67,489.71
	Damp Proof Course					-

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
CH:6 item 33 (a)(ii)	Providing and laying damp proof course of cement concrete 1:2: 4(using cement, sand and shingle), including bitumen coating :- (a) with one coat bitumen and one coat polythene sheet 500gauge: ii) 2" thick (50 mm)	Sft	91.93	134.79		12,391.66
CH:6 item 35 (a)(ii)	Providing and laying vertical damp proof course with cement sand plaster and bitumen coating (a) with one coat of bitumen and one coat of polythene sheet 500 gauge: ii) Ratio 1:3 b) ¾ " thick (20 mm)	Sft	275.79	92.89		25,617.72
	Flooring					-
Ch-7 item 30	Supplying and filling sand under floor; or plugging in wells	Cft	153.07	35.57		5,444.11
Ch-10 item 3	Providing, laying, watering and ramming brick ballast 1½ to 2"(40 mm to 50 mm) gauge mixed with 25 % sand, for floor foundation, complete in all respects	Cft	115.96	144.79		16,790.22
Ch-10 item 22 b) (ii)	Providing & Laying mosaic flooring consisiting of one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips,laid over 1"(25 mm) thick flooring of 1:2:4 cement concrete including rubbing and polishing complete with finishing :- b) 1½"(40 mm) thick mosaic flooring, consisting of ½ "(13mm) mosaic topping (ii) using white cement	Sft	806.40	351.49		283,441.13
CH:10 item 33 (b)	Tile skirting laid in 1:2 cement mortar, over ¾"(20 mm) thick cement mortar, 1:2 including cement washing and filling joints complete:- (b) mosaic tiles	P.Sft	44.06	282.82		12,459.67
Ch-10 item 25 b)	Rubbing and polishing old grit/ mosaic floor, including repairing voids, uneven surface, complete in all respects. b) New Grit / Mosaic Floor (Note: Rs. 730.40 per % Sft will be paid if only polishing is done)	Sft	850.46	48.39		41,150.58
Ch-6 item 53	Providing and fixing precast Edge Kerb Stone (100mm to 150mm thick), of 3500 PSI Compressive Strength, embeded in PCC 1:2:4 over lean concrete 1:4:8 etc complete in all respect. b) With Painting (iii) (300x150x450mm high)	Rft	154.61	698.30		107,965.91
	Surface Rendring					-
Ch-11 item 10 (b)	Cement plaster ratio 1:3 under soffit of RCC roof slabs only , upto 20' height. 3/8" (10 mm) thick. (ceiling plaster)	Sft	756.00	56.77		42,914.72
Ch-11 item 9 (b)	Cement plaster 1:4 on internal walls upto 20' (6 m) height, 1/2" (13 mm) thick.	Sft	1,587.60	49.59		78,725.91
Ch-11 item 9 (c)	Cement plaster 1:4 on external walls upto 20' (6 m) height, 3/4" (20 mm) thick.	Sft	2,642.78	66.41		175,515.06
CH:11 item-43	Providing and Fixing MS Diamond Wire Mesh of 24 guage (6" Wide) for horizontal and vertical joints of concrete interfacing masonry with nails, washers etc., i/c cost of all type labour and material, as shown on drawings, as per spicifications, complete in all respects, , as approved and directed by the Engineer Incharge.	Rft	1,269.11	26.55		33,694.99

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
CH:11 item-45	Extra For making Grooves with Providing and fixing Aluminum Trim Size: 1/2" x 1/2" in external grooves i/c cost of scaffolding fixing at any height in any floor, with screw for fixing or so directed, on exterior face of building, complete in all respect, as per Specifications, as approved by the Engineer.	Rft	1,103.17	67.95		74,960.54
	Painting and Warnishing					-
CH:13 item-46	Providing and applying wall putty of 2mm thickness over plastered surfac (new surface) to prepare the surface even and smooth complete in all respect.	Sft	2,343.60	5.76		13,505.00
Ch-13 item 31 (a)+(bx2)	Preparing surface and painting with Plastic Emulsion Paint:-					-
	a) first coat	Sft	2,343.60	17.92		41,987.94
	b) 2nd and 3rd coat	Sft	2,343.60	27.91		65,412.22
Ch-13 item 32A (a)(i+ii)	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect:-New Surface					-
	i) 1st Coat	Sft	2,642.78	50.06		132,306.90
	ii) 2nd Coat	Sft	2,642.78	27.63		73,006.85
						-
Ch-11 item 44	Providing & applying 6 mm thick fine textured Silica Sand Coating / Colorcrete including fungus control chemicals, non-shrinkage agent, water sealant (2 Coats) formed by special protective decorative coating of approved colour & shade with trowel having top class finish over well cleaned plastered surface i/c preparation and cleaning the surface, complete in all respect as approved and directed by the Engineer Incharge.	Per/Sft	125.00	179.50		22,437.50
Ch-10 item 50	Extra for Bevelling charges of marble edge in approved design complete in all respects i/c the cost of Carborandam disc as approved and directed by the Engineer Incharge.	Rft	16.80	39.90		670.32
Ch-10 item 52	Providing and laying Prepolished Granite of specified thickness and shade of full width of approved quality laid with adhesive bond over 3/4" thick (1:2) cement sand mortor bed , complete in all respect as approved and directed by the Engineer Incharge.					-
(i)	(i) 3/4" thick					-
	Windows Sill	Per/Sft	8.40	1,147.25		9,636.90
b	Thresholds	Per/Sft	6.30	1,147.25		7,227.68
	Aluminum / Metal Works					-

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
CH:25 item-55 (2,764.35+9x6x2) =2,872.35	Providing and fixing 2 mm thick Double glazed aluminium windows of anodize / powder coated partly fixed and party sliding using deluxe section of 100mm x 40mm x2 mm using frame at bottom, (70502) at Top & Side made of Pakistan Cables/Alcop or approved equivalent manufacturer having Leaf Frame size 31mm x 60mm x2 mm (70506) at Top & Bottom, 35mm x 60mm mm (70505) at center and 35mm x 60mm x2 mm(70503) at sides , fixing one side Tinted and one side clear double glass, and air tight using double tape, chemical strips, Silicon using approved latches, wheels for channel, stopper, brush channel angle joint and hardware etc.(excluding the cost of Fly Proofing). Complete in all respect as approved and directed by the Engineer Incharge. b) 6mm thick Glass (Tempered Glass)	Sft	31.50	2,871.65		90,456.98
CH:25 Item-52	Providing and fixing Aluminum Fly screen comprising of Fiber / Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer / powder coated of size 1-1/2"x1/2" and 1.6mm thick with rubber gasket i/c cost of Hardwares as approved and directed by the engineer incharge. complete in all respect.	Sft	15.75	538.30		8,478.23
CH:25 Item-58	Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge. ii) 1/2" Square Bars	Sft	31.50	1,180.30		37,179.45
	Steel and Iron Works					-
CH:25 item 70	Providing and fixing MS louvered door comprising of 3/4"x3/4"x2" louvers of 16 SWG MS sheet welded with door frame of size 2"x4" 16 SWG MS pipe with lock rail i/c the cost of handles, 1" dia MS sliding bolt ,three coats of fire proof paint complete in all respect as approved and directed by the Engineer Incharge. DOOR					-
	DOOR	Per/Sft	50.40	1,623.10		81,804.24
	VENTILATOR	Per/Sft	2.10	1,623.10		3,408.51
Ch-10 item 45(a)	Providing and laying Tuff pavers, having 7000 PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to require slope . complete in all respect. (50% Grey / 50% Coloured) a) 50-mm thick	Sft	463.84	188.20		87,294.22
	Roofing / Waterproofing					-
Ch-26 item 37 (ii)	Supplying and laying polythene sheet over D.P.C. under floors and on roofs, etc. ii) 500 gauge (.005" thick) 2 - Layer.	Sft	1,692.12	11.80		19,966.98

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
Ch-9 item 46 (ii)	Providing and applying torch-on plain waterproofing bitumenous membrane of specified thickness (made of Roof-Grip / Euro Bit) duly lapped/connected by heating with Torch over ps-6 primer i/c preparation/smoothen the surface complete in all respect as approved and directed by the Engineer Incharge.ii) 4 mm thick	Sft	846.06	132.35		111,975.84
Ch-9 item 45 (c)	Providing and Laying Insulation material of Extruded Polystyrene XPS in Rigid Insulation / Foam Board on roof or walls, Density 32-38Kg/M, compressive strength 250-400 kpa, R-value 5 per inch thickness and water obsorption (1% by volume, cell structure clored cell) i/c cutting and placing in position. complete in all respect. c) 2" thick	Sft	846.06	101.02		85,465.45
Ch-10 item 13 (a)	Cement concrete tiles laid in 1:2 cement mortar, over 3/4" (20 mm) thick bed of cement mortar 1:2:- (a) 12"x12"x1" (300 x 300 x 25 mm)	Sft	846.06	217.85		184,313.00
Ch-9 item 18	Plain galvanized iron sheet flashing, 22 gauge.	Sft	137.90	407.45		56,185.93
Ch-9 item 15	Khuras on roof 2'x2'x6" (600 x 600 x 150 mm).	Each	2.00	1,240.85		2,481.70
Ch-9 item 16	Bottom Khuras of brick masonry in cement mortar 1:6, 4'x2'x4½" (1200x600x113 mm) over 3" (75 mm) cement concrete 1:4:8.	Each	2.00	2,399.30		4,798.60
NON SCHEDULE						
	Flooring					-
	Providing and laying Sealant (Polyurethane) in joints at any floor and any height, as shown on the drawings Complete in all respects, as approved by The Engineer.	Per/ Rft	137.90	1,586.40		218,759.01
ELECTRICAL WORK						
	Conduits & Pipes					
24/3	Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials.					
a)	Recessed in walls i/c making jharries					
iii	25 mm i/d	Per Rft.	325.00	140.15		45,548.75
iv	32 mm i/d	Per Rft.	75.00	167.10		12,532.50
	Conduit For Earthing Conductor					
24/3	Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials.					
vi	50 mm i/d	Per Rft.	250.00	241.95		60,487.50
23/14	Providing, laying, cutting, jointing, testing and disinfecting PVC/ uPVC pipe line with working pressure pipe, in trenches, including specials (PS-3051=BS-3505), complete in all respects:-					
b)	Class-D (12 bar)					
a)	2" i/d (50 mm)	Rft.	350.00	243.10		85,085.00
c)	4" i/d (100 mm)	Per Rft	3,190.00	856.25		2,731,437.50
e)	6" i/d (150 mm)	Per Rft	5,220.00	1,835.70		9,582,354.00
	Wiring Cables					
24/8	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only):-					
c)	450/750 volts, PVC insulated:					
ii)	1.5 mm sq (3/0.029")	Per Rft.	450.00	42.75		19,237.50
iii)	2.5 mm sq (7/0.029")	Per Rft.	350.00	63.10		22,085.00
iv)	4 mm sq (7/0.036")	Per Rft.	450.00	83.40		37,530.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
v)	6 mm sq (7/0.044")	Per Rft.	150.00	115.40		17,310.00
xiii)	120 mm sq (37/0.083")	Per Rft.	250.00	1,480.20		370,050.00
24/12	Supply and erection of XLPE insulated, PVC sheathed copper conductor, 600/1000 volts grade cable, in prelaid G.I. pipe/M.S. conduits/PVC pipe/G.I. wire/trenches, etc (rate for cable only):-					
	a) Single core (Non-armoured)					
xiii)	240 mm sq (37/0.114")	Per Rft.	950.00	3,274.50		3,110,775.00
xiv)	300 mm sq (61/0.099")	Per Rft.	3,190.00	4,042.05		12,894,139.50
xv)	400 mm sq (61/0.114")	Per Rft.	2,569.00	5,206.20		13,374,727.80
xvii)	630 mm sq (127/0.093")	Per Rft.	12,300.00	8,426.80		103,649,640.00
	LV Switchgears					
24/85	Supplying, Installation and commissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / SIEMEN GERMAN/ TERASAKI JAPAN/ ABB SWITZERLAND in prelaid DBs and Panels i/c the cost of screwes,necessary wire complete in all respect as approved and directed by the Engineer Incharge					
a)-ii	Single Pole 6-40 Amp (6 KA)	Each	12.00	1,177.80		14,133.60
24/86	Supplying ,Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/ SIEMEN/ ABB SWITZERLAND (with fixed Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.					
a)-ii	Triple Pole 15-100 Amp (10 KA,15KA)	Each	4.00	11,835.45		47,341.80
24/90	P/F wall mounted DB (Distribution Board) made with 16SWG Sheet (Recessed/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights, Thimble, Copper Comb, Wiring, Neutral & Earth Bar, Door Earthing, Digital Voltmeter, Digital Ammeter, Volt Selector Switch, Ammeter selector switch, Current Transformers and Controls Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately).					
a i)	6" deep 20~60A	P.Cft	4.50	24,283.05		109,273.73
24/101	Providing and fixing hot dipped Galvanized Cable Ladder fabricated with side channels of specified size and guage duly fixed with rungs of 35x15 mm run @ 10"C/C i/c the cost of coupler plates (1-1/4"x8") and hardwares as approved and directed by the Engineer In charge.					
	III-Side Channel (4"x1/2")					
	f) 14SWG					
v)	18"x4"	Per Rft.	50.00	666.50		33,325.00
vi)	24"x4"	Per Rft.	25.00	701.15		17,528.75
	Exhaust Fans					
24/102	Providing and fixing Copper winded Exhaust fan with louver and shutter made of Pak/Younas/G.F.C. i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge.					
	(a) Plastic body					
ii)	12" dia	Each	2.00	5,685.50		11,371.00
	Bracket Fans					

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
24/103	Providing and fixing Pakistan Energy Label NEECA approved Copper winded wall bracket Fan i/c the cost of necessary cable and hardware for connection as approved and directed by Engineer Incharge.					
i)	18" sweep	Each	1.00	6,861.15		6,861.15
	Ceiling Fans					
24/104	Providing and fixing Pakistan Energy Label NEECA approved Copper winded Ceiling Fan i/c the cost of necessary cable and hardware for connection as approved and directed by Engineer Incharge.					
iii)	56" dia	Each	2.00	10,180.20		20,360.40
	Wiring Accessories					
24/105	P/F PVC double layer Switch kit Faceplate with specified switch holes i/c the cost of switches / sockets / dimmer made of Legrand/ ABB / Schneider or approved equivalent manufacturer, screws complete in all respect, as approved and directed by the Engineer In charge.					
a)	One way Gange Switch Small					
i)	01 Gange	Each	1.00	463.20		463.20
ii)	02 Gange	Each	2.00	704.40		1,408.80
iii)	03 Gange	Each	3.00	888.00		2,664.00
iv)	Three pin Light Plug 10/13 Amp	Each	4.00	754.45		3,017.80
vi)	Fan Dimmer	Each	2.00	740.60		1,481.20
viii)	Three Pin Power Plug 15-32 Amp	Each	3.00	924.55		2,773.65
d)	Industrial Socket IP-65 with maching plug.					
	1) Three pin, single phase					
ii)	32A	Each	2.00	3,243.10		6,486.20
iii)	63A	Each	2.00	13,614.70		27,229.40
	3) Three pin, Single Phase Plug					
ii)	32A	Each	2.00	2,279.65		4,559.30
iii)	63A	Each	2.00	8,651.65		17,303.30
24/106	Supply, installation, testing & commissioning of 16 SWG Sheet Steel powder coated back Boxes with earth terminal, recessed in wall, including accessories, , complete in all respect as per specifications and s approved by Engineer In charge.					
i)	Small 3"x3"	Each	13.00	438.80		5,704.40
ii)	Large 6"x3"	Each	10.00	702.80		7,028.00
	Earthing Conductor					
24/120	Supply, installation, testing & commissioning of complete grounding system.					
ix)	95 mm² CU bare conductor	Per Rft.	75.00	1,206.95		90,521.25
NON SCHEDULE						
	Lighting Fixtures					
	Supply, installation, testing & commissioning of following LED Light fixtures complete with Electronic ballast (unless mention otherwise), lamps, lamp holders, Earth Protection and mounting accessories etc., as per specification, complete in all respects, as per drawings and Technical Specification "Section-E-6 Lighting Fixtures", complete in all respect. Lighting fixtures sample must be submitted to consultant for approval. PF> 0.9, CRI>80, Light Color 2500K to 5000K as Approved by The Engineer/Architect. Operating Life 50,000hrs, IEC Certified. Note: Refer light fixtures drawings/Schedule for complete light fixtures details.					
	Decorative smart LED hanging suspended fitting 36 IP67/65, 110 Lumens/watt.	Each	8.00	23,235.00		185,880.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	SMART LED down light surface type 18 watt	Each	2.00	7,259.00		14,518.00
	LED Flood Light 50 Watt (IP67/ 65) efficiency 125 Lumens/watt.	Each	4.00	9,674.00		38,696.00
	L.V. Distribution Boards					
	Supply, installation, testing and commissioning of following LV Panels and Distribution Boards made with 14/16 SWG sheet steel housing (14 SWG for floor standing & 16 SWG for wall mounted) with approved color and having specified circuit breakers as shown on drawing. (Refer Single Line Diagram)					
	Supply, Installation, testing & commissioning of following Free Standing Floor Mounted/ wall mounted totally Enclosed, Cubical type, Low Voltage Panel (LV Panel) with Incoming and Outgoing Circuit Breakers and other components as per SLD with cable terminations. made with 14 SWG sheet metal housing powder coated with approved color, (As per specifications), incoming and outgoing cables, as per drawing. Complete in all respects. BMS/IBMS integration through modus/BACnet (open protocols) via TCP/IP along with all necessary required hardware, accessories and wiring for proper funtion & operation (as required).					
	LV-01 with P.F.I Plant (Motorized Controls & required hardware for IBMS Integration on Incoming Breaker)	Each	1.00	25,046,166.00		25,046,166.00
	LV-02 with P.F.I Plant (Motorized Controls & required hardware for IBMS Integration on Incoming Breaker)	Each	1.00	24,387,671.00		24,387,671.00
	Earthing System					
	Supply, installation, testing and commissioning of following items for Earthing/ Grounding System for lightning protection and grounding of other systems including all material, boring, labor, tools, transportation, accessories etc. Complete in all respects with detailed test reports.					
	Chemical Enhanced Earth using 38 mm dia 10'-0" long copper pipe filled with soil conditioning material including 6" dia, 11' deep boring and back filled chemical to enhance conductivity. Complete with thermos weld joint, 13" dia heavy duty Cast Iron round cover as per details	Each	10.00	85,745.00		857,450.00
	20mm dia 10'-0" long Tin platted copper Rod. Complete with thermos weld joint, 13" dia heavy duty Cast Iron round cover as per details.	Each	1.00	85,745.00		85,745.00
	Supply, Installation, Testing and Commissioning of Earth Copper Bar (Test Link) for Earthing System as shown in the drawing and as per specification, along with all necessary accessories complete in all respect.	Each	10.00	21,800.00		218,000.00
	Earth Grounding Bar (EGB) or Equipotential bar made with 450mm wide, 50mm high and 8mm thick tin plated Copper, Bar shall be provided with holes suitable for installation of 4 No. 95 sqmm bare copper conductor. EGB shall be enclosed in appropriate size of powder coated metal enclosure with front accessible cover.	Each	4.00	50,510.00		202,040.00
	Active Harmonic Filters					

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Supply, installation, testing, and commissioning of a floor-mounted Active Harmonic Filter (AHF) or Active Harmonic Suppressor (415V, 3-Phase,50Hz) connected to main LV system (Commercial grade), designed to provide dynamic harmonic compensation by injecting equal and opposite harmonic currents. The unit shall be housed in a 14 SWG powder-coated sheet steel enclosure (IP-54) and must be capable of mitigating harmonics, ensuring a Total Harmonic Current Distortion (THDi) < 5% at the point of common coupling. The suppressor shall feature high-speed IGBT-based switching technology with a response time of <1ms, integrated with power factor correction panel to maintain PF 0.98, and a microprocessor-based controller with a digital HMI for real-time monitoring of the harmonic spectrum. The system must include 99.9% pure electrolytic copper busbars, high-accuracy CTs, 10kV surge protection, and RS485/Modbus communication ports for BMS integration, utilizing IDAP-approved make, job complete in all respects as per site requirements.					
	750A	Each	1.00	10,441,656.00		10,441,656.00
	675A	Each	1.00	8,618,571.00		8,618,571.00
	Termination Kit & Thimbles					
	Supply and Installation of L.T cable termination kits of following sizes cables.					
	LV Termination Kit					
	1 Core Copper Cables 660/1100 Volts Grades					
	1 Core 630 mm Sq. Copper Cables	Each	120.00	32,993.00		3,959,160.00
	1 Core 400 mm Sq. Copper Cables	Each	120.00	17,423.00		2,090,760.00
	1 Core 300 mm Sq. Copper Cables	Each	184.00	13,885.00		2,554,840.00
	1 Core 240 mm Sq. Copper Cables	Each	48.00	13,885.00		666,480.00
	Thimble with Heat shrink sleave/Shroud					
	Supply and Installation of Thimble with Heat shrink sleave of following sizes cables.					
	240mm Sq Cable	Each	16.00	1,399.00		22,384.00
	** ANCILLARY BUILDINGS (III-METERING ROOM)**					
	STRUCTURE					
	SITE CLEARING AND GRUBBING					
Chapter-3 Item#47a,P-27	Jungle clearance and removing within 100 ft. (30 m). etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer. (light)	Sft	240.00	0.41		97.45
	EXCAVATION					
Chapter-3	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer.					
	Hard soil or Soft murum					
Item#21 1b(iii) P-24	From ± 0'-0" to -5' - 0"	Cft	781.00	12.79		9,987.58
	BACKFILLING					

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
Chapter-3	Supplying and filling watering and ramming earth under floor with new earth excavated from outside) lead upto one chain (30 m) compaction of earthwork with power road roller, including, ploughing, mixing, moistening earth to optimum moisture content in layers to obtain 95% to 100% maximum modified AASHO dry density. including all lead & lifts etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer.					
Item#15(i)+25(i) P-23,25	With surplus earth from foundation, etc. (Earth for backfilling from excavation)	Cft	195.00	10.17		1,982.52
Item#15(ii)+25(i) P-23,25	with new earth excavated from outside, lead upto one chain (30 m). Add lead 10KM	Cft	408.00	35.39		14,437.79
	DISPOSAL OF EARTHWORK					
Chap#3 Item#17a~d, P-23	Transportation (Disposal) of excavated earth for 10 Km	Cft	195.00	15.83		3,086.85
	SAND FILLING					
Chapter-3 Item#25(i), P#25 + Chapter-10 item#3, P#59	Supplying and filling sand under floor,or plugging in well compaction of earthwork with power road roller, including, ploughing, mixing, moistening earth to optimum moisture content in layers to obtain 95% to 100% maximum modified AASHO dry density. including all lead & lifts etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer.	Cft	68.00	37.58		2,555.32
	ANTI TERMITE					
Chapter-26 Item#45, P-212	Spraying termite proofing by using liquid FMC/ Biflex/ Terminex Exin/ Ms Hextar or equivalent @ specified suspension concenterate (SC), Mixing Ability-HEXTAR with Ratio (1:250) = 540 Sft or equivalent approved liquid applying with shower and certificate will be provided by the contractor for 10-years complete in all respect .as approved by the Engineer Incharge.	Sft	786.00	12.70		9,982.20
	P.C.C (1:4:8)					
Chapter-6	Providing and laying cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate) complete in all respects as per drawing, standard, specifications and as directed by the Engineer.					
Item#5(I) P-34	Below foundation, plinth beam,situ,walls,tanks, over stone soling or where required (Ratio 1:4:8) (1500 Psi)	Cft	80.00	360.30		28,823.60
Chapter-01 Item#1 P-03	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. (1500 Psi)	Cft	75.82	28.71		2,176.55
	REINFORCED CONCRETE WORKS					
	Strength Based Concrete					

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
Chapter-6 Item#9, P-37	Providing, Placing, compacting, finishing and curing of concrete using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; including screening, washing of aggregates and mixing of constituents using batching plant, admixture, Transportation by transit mixer, pouring with pump in the required proportions to achieve a nominal cylindrical strength in the field as per ACI 214, with the specified consistency. i/c the cost of shuttering, compaction with Viberator, cost of Admixture, as approved and directed by the Engineer Incharge.					
(c)	Substructure (Foundations, Raft, Strip and Footing Beams)					
(iv) 4000 Psi	Foundation Raft / Isolated 4000 Psi	Cft	107.00	687.35		73,546.45
(iv) 4000 Psi	Plinth Beams 4000 Psi	Cft	24.00	687.35		16,496.40
(b)	Retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast (Formwork on both sides)					
(iv) i 4000 Psi	R.C.C wall (4000 Psi) (i) Upto 9" thick	Cft	52.00	748.70		38,932.40
(a)	Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:					
(iv) 4000 Psi	Columns (4000 Psi)	Cft	36.00	832.00		29,952.00
(iv) 4000 Psi	Beams (4000 Psi)	Cft	28.00	832.00		23,296.00
(iv) 4000 Psi	Slabs (4000 Psi)	Cft	71.00	832.00		59,072.00
(b)	Retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast (Formwork on both sides)					
(iv) i 4000 Psi	Parapit wall (4000 Psi) (i) Upto 9" thick	Cft	49.00	748.70		36,686.30
Chapter-01 Item#1 P-03	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. (4000 Psi)	Cft	439.24	28.71		12,609.92
Chapter-06 Item#9e P-38	Extra for placing of concrete with concrete placing boom pump of specified output, vertical & horizontal reach, as approved & directed by the Engineer Incharge.	Cft	453.00	7.40		3,352.20
	STEEL REINFORCEMENT					
Chapter-6 Item#12, P-38	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):-					
(b-ii)	Deformed bars (Grade-60)	Kg	1,369.20	308.28		422,094.92
(a)	Plain bars	Kg	137.60	294.07		40,463.34
	ADMIXTURE					
Chapter-6 Item#57a P-43	Providing and mixing super plasticizer (water reducing admixture) as defined in ASTM C-94 in order to achieve the required consistancy / workablility measured by the slump or to acheive specified strenth in the ratio as proposed by the designer in the concrete mix design etc. complete in all respect as appprved and directed by Engineer incharge. a) Super Plasticizer	Ltr	44.00	184.65		8,124.60

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
Chapter-25 Item#10 P-202	Fabrication of heavy steel work, with angle, tees, flat iron round iron and sheet iron for making trusses, girders, tanks, etc., including cutting, drilling, refitting, handling, assembling and fixing, but excluding erection in position.	Kg	559.00	364.02		203,484.94
Chapter-25 Item#11 P-202	Erection and fitting in position iron trusses, staging of water tanks, etc.	Kg	559.00	15.36		8,585.68
	CIVIL WORKS					
	BRICK BALLAST					
Chapter-10 Item#4,P-59	Providing, laying, watering and ramming brick or stone ballast 1½" to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for floor foundation, complete in all respects.	Cft	34.00	144.79		4,923.00
	SOLID BLOCK WORK					
Chapter-6 Item#13 P-38	Providing & Fixing of Precast cement concrete solid or face blocks (1:2:4),including cost of templates, mortor (1:5) and labour for fixing at any height.	Cft	670.00	574.05		384,613.50
	PCC FOR FLOORS / ROOF					
Chapter-6 Item # 5 -(f) P-34	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): RATIO 1:2:4	Cft	86.00	490.86		42,213.53
ARCHITECTURE						
	Plain and Reinforement Concrete					
CH:6 item 5	Cement concrete plain including placing, compacting , finishing and curing complete (including screening and washing of stone aggregate):-including cost of carriage at site					
(i)	Ratio 1: 4: 8 (Under Plinth Protection)	Cft	97.32	360.30		35,062.42
(f)	Ratio 1: 2: 4	Cft	73.78	490.86		36,215.09
CH:6 item 6 (b)(3)	(b) Precast reinforced cement concrete and prestressed reinforced cement concrete in columns, beams, lintels, stair cases, shelves, etc. (3) Type C (nominal mix 1: 2: 4)	Per Cft	12.95	738.90		9,568.11
CH:6 item 6 (c)	Erecting and fixing in position, precast cement concrete or stone slab in roofs or lintels, etc. lift unto 20 ft., (6m) including all charges.	Per Cft	12.95	143.20		1,854.31
	Carriage					-
CH:1 item 1	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor.					-
	(1:2:4) Under Floor	Per Cft	177.42	28.72		5,095.39
	Steel Reinforcement					-
CH:6 item 12 (c)	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars) (c) Deformed bar (Grade 60)	Kg	82.23	308.28		25,350.40
	Damp Proof Course					-
CH:6 item 33 (a)(ii)	Providing and laying damp proof course of cement concrete 1:2: 4(using cement, sand and shingle), including bitumen coating :- (a) with one coat bitumen and one coat polythene sheet 500gauge: ii) 2" thick (50 mm)	Sft	34.53	134.79		4,654.54

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
CH:6 item 35 (a)(ii)	Providing and laying vertical damp proof course with cement sand plaster and bitumen coating (a) with one coat of bitumen and one coat of polythene sheet 500 gauge: ii) Ratio 1:3 b) ¾ " thick (20 mm)	Sft	103.59	92.89		9,622.49
	Flooring					-
Ch-7 item 30	Supplying and filling sand under floor; or plugging in wells	Cft	76.23	35.57		2,711.15
Ch-10 item 3	Providing, laying, watering and ramming brick ballast 1½ to 2"(40 mm to 50 mm) gauge mixed with 25 % sand, for floor foundation, complete in all respects	Cft	57.75	144.79		8,361.47
Ch-10 item 22 b) (ii)	Providing & Laying mosaic flooring consisiting of one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips,laid over 1"(25 mm) thick flooring of 1:2:4 cement concrete including rubbing and polishing complete with finishing :- b) 1½"(40 mm) thick mosaic flooring, consisting of ½ "(13mm) mosaic topping (ii) using white cement	Sft	126.00	351.49		44,287.68
CH:10 item 33 (b)	Tile skirting laid in 1:2 cement mortar, over ¾"(20 mm) thick cement mortar, 1:2 including cement washing and filling joints complete:- (b) mosaic tiles	P.Sft	15.38	282.82		4,351.00
Ch-10 item 25 b)	Rubbing and polishing old grit/ mosaic floor, including repairing voids, uneven surface, complete in all respects. b) New Grit / Mosaic Floor (Note: Rs. 730.40 per % Sft will be paid if only polishing is done)	Sft	141.38	48.39		6,841.11
Ch-6 item 53	Providing and fixing precast Edge Kerb Stone (100mm to 150mm thick), of 3500 PSI Compressive Strength, embeded in PCC 1:2:4 over lean concrete 1:4:8 etc complete in all respect. b) With Painting (iii) (300x150x450mm high)	Rft	77.00	698.30		53,766.66
	Surface Rendring					-
Ch-11 item 10 (b)	Cement plaster ratio 1:3 under soffit of RCC roof slabs only , upto 20' height. 3/8" (10 mm) thick. (ceiling plaster)	Sft	126.00	56.77		7,152.45
Ch-11 item 9 (b)	Cement plaster 1:4 on internal walls upto 20' (6 m) height, 1/2" (13 mm) thick.	Sft	554.40	49.59		27,491.59
Ch-11 item 9 (c)	Cement plaster 1:4 on external walls upto 20' (6 m) height, 3/4" (20 mm) thick.	Sft	988.72	66.41		65,663.57
CH:11 item-43	Providing and Fixing MS Diamond Wire Mesh of 24 guage (6" Wide) for horizontal and vertical joints of concrete interfacing masonry with nails, washers etc., i/c cost of all type labour and material, as shown on drawings, as per spicifications, complete in all respects, , as approved and directed by the Engineer Incharge.	Rft	462.93	26.55		12,290.92
CH:11 item-45	Extra For making Grooves with Providing and fixing Aluminum Trim Size: 1/2" x 1/2" in external grooves i/c cost of scaffolding fixing at any height in any floor, with screw for fixing or so directed, on exterior face of building, complete in all respect, as per Specifications, as approved by the Engineer.	Rft	414.37	67.95		28,156.58
	Painting and Warnishing					-
CH:13 item-46	Providing and applying wall putty of 2mm thickness over plastered surfac (new surface) to prepare the surface even and smooth complete in all respect.	Sft	680.40	5.76		3,920.81

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
Ch-13 item 31 (a)+(bx2)	Preparing surface and painting with Plastic Emulsion Paint:-					-
	a) first coat	Sft	680.40	17.92		12,190.05
	b) 2nd and 3rd coat	Sft	680.40	27.91		18,990.64
Ch-13 item 32A (a)(i+ii)	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect:-New Surface					-
	i) 1st Coat	Sft	988.72	50.06		49,498.56
	ii) 2nd Coat	Sft	988.72	27.63		27,313.27
						-
Ch-11 item 44	Providing & applying 6 mm thick fine textured Silica Sand Coating / Colorcrete including fungus control chemicals, non-shrinkage agent, water sealant (2 Coats) formed by special protective decorative coating of approved colour & shade with trowel having top class finish over well cleaned plastered surface i/c preparation and cleaning the surface, complete in all respect as approved and directed by the Engineer Incharge.	Per/Sft	125.00	179.50		22,437.50
Ch-10 item 50	Extra for Bevelling charges of marble edge in approved design complete in all respects i/c the cost of Carborandam disc as approved and directed by the Engineer Incharge.	Rft	3.15	39.90		125.69
Ch-10 item 52	Providing and laying Prepolished Granite of specified thickness and shade of full width of approved quality laid with adhesive bond over 3/4" thick (1:2) cement sand mortor bed , complete in all respect as approved and directed by the Engineer Incharge.					-
(i)	(i) 3/4" thick					-
	Windows Sill	Per/Sft	1.58	1,147.25		1,806.92
b	Thresholds	Per/Sft	6.30	1,147.25		7,227.68
	Steel and Iron Works					-
CH:25 item 70	Providing and fixing MS louvered door comprising of 3/4"x3/4"x2" louvers of 16 SWG MS sheet welded with door frame of size 2"x4" 16 SWG MS pipe with lock rail i/c the cost of handles, 1" dia MS sliding bolt ,three coats of fire proof paint complete in all respect as approved and directed by the Engineer Incharge.					-
	Door	Per/Sft	50.40	1,623.10		81,804.24
	Ventilator	Per/Sft	2.36	1,623.10		3,834.57
Ch-10 item 45(a)	Providing and laying Tuff pavers, having 7000 PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to require slope . complete in all respect. (50% Grey / 50% Coloured) a) 50-mm thick	Sft	230.74	188.20		43,424.80
	Roofing / Waterproofing					-
Ch-26 item 37 (ii)	Supplying and laying polythene sheet over D.P.C. under floors and on roofs, etc. ii) 500 gauge (.005" thick) 2 - Layer.	Sft	317.33	11.80		3,744.51

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
Ch-9 item 46 (ii)	Providing and applying torch-on plain waterproofing bitumenous membrane of specified thickness (made of Roof-Grip / Euro Bit) duly lapped/connected by heating with Torch over ps-6 primer i/c preparation/smoothen the surface complete in all respect as approved and directed by the Engineer Incharge.ii) 4 mm thick	Sft	158.67	132.35		20,999.38
Ch-9 item 45 (c)	Providing and Laying Insulation material of Extruded Polystyrene XPS in Rigid Insulation / Foam Board on roof or walls, Density 32-38Kg/M, compressive strength 250-400 kpa, R-value 5 per inch thickness and water obsorption (1% by volume, cell structure clored cell) i/c cutting and placing in position. complete in all respect. c) 2" thick	Sft	158.67	101.02		16,027.75
Ch-10 item 13 (a)	Cement concrete tiles laid in 1:2 cement mortar, over 3/4" (20 mm) thick bed of cement mortar 1:2:- (a) 12"x12"x1" (300 x 300 x 25 mm)	Sft	158.67	217.85		34,565.12
Ch-9 item 18	Plain galvanized iron sheet flashing, 22 gauge.	Sft	51.80	407.45		21,104.48
Ch-9 item 15	Khuras on roof 2'x2'x6" (600 x 600 x 150 mm).	Each	1.00	1,240.85		1,240.85
Ch-9 item 16	Bottom Khuras of brick masonry in cement mortar 1:6, 4'x2'x4½" (1200x600x113 mm) over 3" (75 mm) cement concrete 1:4:8.	Each	1.00	2,399.30		2,399.30
NON-SCHEDULED ITEMS						
	Flooring					
	Providing and laying Sealant (Polyurethane) in joints at any floor and any height, as shown on the drawings Complete in all respects, as approved by The Engineer.	Per/ Rft	51.80	1,586.40		82,169.97
ELECTRICAL WORKS						
	Conduits & Pipes					
24/3	Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials.					
a)	Recessed in walls i/c making jharries					
iii	25 mm i/d	Per Rft.	350.00	140.15		49,052.50
iv	32 mm i/d	Per Rft.	125.00	167.10		20,887.50
	Conduit For Earthing Conductor					
24/3	Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials.					
vi	50 mm i/d	Per Rft.	250.00	241.95		60,487.50
23/14	Providing, laying, cutting, jointing, testing and disinfecting PVC/ uPVC pipe line with working pressure pipe, in trenches, including specials (PS-3051=BS-3505), complete in all respects:-					
b)	Class-D (12 bar)					
viii)	10"	Per Rft	500.00	2,770.60		1,385,300.00
	Wiring Cables					-
24/8	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only):-					-
c)	450/750 volts, PVC insulated:					
ii)	1.5 mm sq (3/0.029")	Per Rft.	325.00	42.75		13,893.75
iii)	2.5 mm sq (7/0.029")	Per Rft.	450.00	63.10		28,395.00
iv)	4 mm sq (7/0.036")	Per Rft.	350.00	83.40		29,190.00
v)	6 mm sq (7/0.044")	Per Rft.	150.00	115.40		17,310.00
xiii)	120 mm sq (37/0.083")	Per Rft.	350.00	1,480.20		518,070.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	Supply laying, testing and commissioning of Single Core XLPE (Cross linked polyethelene) insulated stranded Aluminium Conductor cable of 8.7/15 KV grade made of Pakistan Cable/Newage with Semiconducting tape screened, Copper tape screen, PVC filler binder, Extruded PVC sheath in trenches/prelaid pipes as per Wapda specifications i/c the cost of ties and cable identification tags (rate for cables only):-					-
x)	500mm sq	Per Rft	1,500.00	1,539.45		2,309,175.00
	LV Switchgears					
24/85	Supplying, Installation and commissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / SIEMEN GERMAN/ TERASAKI JAPAN/ ABB SWITZERLAND in prelaid DBs and Panels i/c the cost of screwes,necessary wire complete in all respect as approved and directed by the Engineer Incharge					
a)-ii	Single Pole 6-40 Amp (6 KA)	Each	12.00	1,177.80		14,133.60
24/86	Supplying ,Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/ SIEMEN/ ABB SWITZERLAND (with fixed Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.					-
a)-ii	Triple Pole 15-100 Amp (10 KA,15KA)	Each	3.00	11,835.45		35,506.35
24/89	P/F 17.5 KV, (VCB) Vacuum Circuit Breaker of specified current rating & breaking capacity, draw out type (DOT), operating voltages 11KV, made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/ABB SWITZERL or as approved by WAPDA/ Local Power Distribution Authority/ NTDC, with closing/ opening coil 100-130 V AC/DC, Motor mechanism 220 VAC, in prelaid Panels i/c the cost of protection relays, screws necessary wire complete in all respect as approved and directed by the Engineer Incharge.					-
a)	630 Amp 25KA	Each	4.00	2,312,950.30		9,251,801.20
24/90	P/F wall mounted DB (Distribution Board) made with 16SWG Sheet (Recessed/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights, Thimble, Copper Comb, Wiring, Neutral & Earth Bar, Door Earthing, Digital Voltmeter, Digital Ammeter, Volt Selector Switch, Ammeter selector switch, Current Transformers and Controls Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately).					
a i)	6" deep 20~60A	P.Cft	4.50	24,283.05		109,273.73
24/91	2. HT Switchboards (Industrial/metering panel, Grid end/ consumer panels, transformer protection panels & pad mounted ring main unit) As per WAPDA standard.					
a)-i	3.00 Ft deep 630~2500A	P.Cft	448.00	6,498.85		2,911,484.80
	Exhaust Fans					

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
24/102	Providing and fixing Copper winded Exhaust fan with louver and shutter made of Pak/Younas/G.F.C. i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge.					-
	(a) Plastic body					
ii)	12" dia	Each	2.00	5,685.50		11,371.00
	Bracket Fans					
24/103	Providing and fixing Pakistan Energy Label NEECA approved Copper winded wall bracket Fan i/c the cost of necessary cable and hardware for connection as approved and directed by Engineer Incharge.					-
i)	18" sweep	Each	2.00	6,861.15		13,722.30
	Wiring Accessories					
24/105	P/F PVC double layer Switch kit Faceplate with specified switch holes i/c the cost of switches / sockets / dimmer made of Legrand/ ABB / Schneider or approved equivalent manufacturer, screws complete in all respect, as approved and directed by the Engineer In charge.					
a)	One way Gange Switch Small					
i)	01 Gange	Each	1.00	463.20		463.20
ii)	02 Gange	Each	2.00	704.40		1,408.80
iii)	03 Gange	Each	1.00	888.00		888.00
iv)	Three pin Light Plug 10/13 Amp	Each	4.00	754.45		3,017.80
viii)	Three Pin Power Plug 15-32 Amp	Each	2.00	924.55		1,849.10
d)	Industrial Socket IP-65 with maching plug.					
	1) Three pin, single phase					-
ii)	32A	Each	2.00	3,243.10		6,486.20
iii)	63A	Each	2.00	13,614.70		27,229.40
	3) Three pin, Single Phase Plug					
ii)	32A	Each	2.00	2,279.65		4,559.30
iii)	63A	Each	2.00	8,651.65		17,303.30
24/106	Supply, installation, testing & commissioning of 16 SWG Sheet Steel powder coated back Boxes with earth terminal, recessed in wall, including accessories, , complete in all respect as per specifications and s approved by Engineer In charge.					-
i)	Small 3"x3"	Each	10.00	438.80		4,388.00
ii)	Large 6"x3"	Each	4.00	702.80		2,811.20
	Earthing Conductor					-
24/120	Supply, installation, testing & commissioning of complete grounding system.					
ix)	95 mm² CU bare conductor	Per Rft.	200.00	1,206.95		241,390.00
	NON SCHEDULE					
	Lighting Fixtures					
	Supply, installation, testing & commissioning of following LED Light fixtures complete with Electronic ballast (unless mention otherwise), lamps, lamp holders, Earth Protection and mounting accessories etc., as per specification, complete in all respects, as per drawings and Technical Specification "Section-E-6 Lighting Fixtures", complete in all respect. Lighting fixtures sample must be submitted to consultant for approval. PF> 0.9, CRI>80, Light Color 2500K to 5000K as Approved by The Engineer/Architect. Operating Life 50,000hrs, IEC Certified. Note: Refer light fixtures drawings/Schedule for complete light fixtures details.					

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Decorative smart LED hanging suspended fitting 36 IP67/65, 110 Lumens/watt.	Each	6.00	23,235.00		139,410.00
	SMART LED down light surface type 18 watt	Each	4.00	7,259.00		29,036.00
	LED Flood Light 50 Watt (IP67/ 65) efficiency 125 Lumens/watt.	Each	4.00	9,674.00		38,696.00
	Earthing System					
	Supply, installation, testing and commissioning of following items for Earthing/ Grounding System for lightning protection and grounding of other systems including all material, boring, labor, tools, transportation, accessories etc. Complete in all respects with detailed test reports.					
	Chemical Enhanced Earth using 38 mm dia 10'-0" long copper pipe filled with soil conditioning material including 6" dia, 11' deep boring and back filled chemical to enhance conductivity. Complete with thermos weld joint, 13" dia heavy duty Cast Iron round cover as per details	Each	4.00	85,745.00		342,980.00
	20mm dia 10'-0" long Tin platted copper Rod. Complete with thermos weld joint, 13" dia heavy duty Cast Iron round cover as per details.	Each	1.00	85,745.00		85,745.00
	Supply, Installation, Testing and Commissioning of Earth Copper Bar (Test Link) for Earthing System as shown in the drawing and as per specification, along with all necessary accessories complete in all respect.	Each	4.00	21,800.00		87,200.00
	Earth Grounding Bar (EGB) or Equipotential bar made with 450mm wide, 50mm high and 8mm thick tin plated Copper, Bar shall be provided with holes suitable for installation of 4 No. 95 sqmm bare copper conductor. EGB shall be enclosed in appropriate size of powder coated metal enclosure with front accessible cover.	Each	3.00	50,510.00		151,530.00
	PLUMBING WORKS					
Ch 23 / Pg-136 Item15	Providing, laying, testing and commissioning µ-PVC (Un plasticized Polyvinyl Chloride) Pressure pipe of nominal diameter, conforming to PS-3051/BS-3505, Dadex/Popular / Beta or approved equivalent manufacturer, i/c the cost of solvent and specials complete. As approved and directed by the Engineer Incharge.					
a	Class-D					
v	4" dia	Rft	54.00	855.15		46,178.10
Ch 09/ Pg 54 /Item 15	Khuras on roof 2'x2'x6" (600 x 600 x 150 mm)	Nos	1.00	1,240.85		1,240.85
Ch 19/ Pg 122/ Item 13	Providing and Fixing of SS 304 Roof / scupper Drain, complete in all respect as approved and directed by Engineer Incharge. 4" dia					
i	4" dia	Each	1.00	1,284.80		1,284.80
	**ANCILLARY BUILDINGS (IV-TRANSFORMER ROOM) **					
	**STRUCTURE) **					
	SCHEDULED ITEMS					
	SITE CLEARING AND GRUBBING					
Chapter-3 Item#47a,P-27	Jungle clearance and removing within 100 ft. (30 m). etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer. (light)	Sft	1,069.00	0.41		434.07
	EXCAVATION					

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
Chapter-3	Excavation in foundation of building, bridges and other structures, including dagbelling, dressing, refilling around structure with excavated earth, watering and ramming lead upto one chain (30 m) and lift upto 5 ft. (1.5 m) etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer.					
b)	Hard soil or Soft murum					
Item#21 1b(iii) P-24	From ± 0'-0" to -5' - 0"	Cft	2,045.00	12.79		26,151.87
	BACKFILLING					
Chapter-3	Supplying and filling watering and ramming earth under floor with new earth excavated from outside) lead upto one chain (30 m) compaction of earthwork with power road roller, including, ploughing, mixing, moistening earth to optimum moisture content in layers to obtain 95% to 100% maximum modified AASHO dry density. including all lead & lifts etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer.					
Item#15(i)+25(i) P-23,25	With surplus earth from foundation, etc. (Earth for backfilling from excavation)	Cft	511.00	10.17		5,195.21
Item#15(ii)+25(i) P-23,25	with new earth excavated from outside, lead upto one chain (30 m). Add lead 10KM	Cft	2,159.00	35.39		76,399.99
	DISPOSAL OF EARTHWORK					
Chap#3 Item#17a~d, P-23	Transportation (Disposal) of excavated earth for 10 Km	Cft	511.00	15.83		8,089.13
	SAND FILLING					
Chapter-3 Item#25(i), P#25 + Chapter-10 item#3, P#59	Supplying and filling sand under floor,or plugging in well compaction of earthwork with power road roller, including, ploughing, mixing, moistening earth to optimum moisture content in layers to obtain 95% to 100% maximum modified AASHO dry density. including all lead & lifts etc. complete in all respects as per drawing, standard , specifications and as directed by the Engineer.	Cft	411.00	37.58		15,444.66
	ANTI TERMITE					
Chapter-26 Item#45, P-212	Spraying termite proofing by using liquid FMC/ Biflex/ Terminex Exin/ Ms Hextar or equivalent @ specified suspension concenterate (SC), Mixing Ability-HEXTAR with Ratio (1:250) = 540 Sft or equivalent approved liquid applying with shower and certificate will be provided by the contractor for 10-years complete in all respect .as approved by the Engineer Incharge.	Sft	2,478.00	12.70		31,470.60
	P.C.C (1:4:8)					
Chapter-6	Providing and laying cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate) complete in all respects as per drawing, standard, specifications and as directed by the Engineer.					
Item#5(I) P-34	Below foundation, plinth beam,situ,walls,tanks, over stone soling or where required (Ratio 1:4:8) (1500 Psi)	Cft	191.00	360.30		68,816.35
Chapter-01 Item#1 P-03	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. (1500 Psi)	Cft	181.01	28.71		5,196.50
	REINFORCED CONCRETE WORKS					

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	Strength Based Concrete					
Chapter-6 Item#9, P-37	Providing, Placing, compacting, finishing and curing of concrete using Ordinary Portland Cement / Sulphate resisting cement / Slag cement as may be required; including screening, washing of aggregates and mixing of constituents using batching plant, admixture, Transportation by transit mixer, pouring with pump in the required proportions to achieve a nominal cylindrical strength in the field as per ACI 214, with the specified consistency. i/c the cost of shuttering, compaction with Viberator, cost of Admixture, as approved and directed by the Engineer Incharge.					
(c)	Substructure (Foundations, Raft, Strip and Footing Beams)					
(iv) 4000 Psi	Foundation Raft / Isolated 4000 Psi	Cft	2,589.00	687.35		1,779,549.15
(iv) 4000 Psi	Plinth Beams 4000 Psi	Cft	77.00	687.35		52,925.95
(b)	Retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast (Formwork on both sides)					
(iv) i 4000 Psi	R.C.C wall (4000 Psi) (i) Upto 9" thick	Cft	314.00	748.70		235,091.80
(a)	Reinforced cement concrete in roof slab, beams, columns lintels, girders and other structural members laid in situ or precast laid in position, or prestressed members cast in situ, complete in all respects:					
(iv) 4000 Psi	Columns (4000 Psi)	Cft	365.00	832.00		303,680.00
(iv) 4000 Psi	Beams (4000 Psi)	Cft	109.00	832.00		90,688.00
(iv) 4000 Psi	Slabs (4000 Psi)	Cft	450.00	832.00		374,400.00
(b)	Retaining/ Shear walls laid in situ or precast laid in position, or prestressed members cast (Formwork on both sides)					
(iv) i 4000 Psi	Parapit wall (4000 Psi) (i) Upto 9" thick	Cft	126.00	748.70		94,336.20
Chapter-01 Item#1 P-03	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor. (4000 Psi)	Cft	4,465.12	28.71		128,186.90
Chapter-06 Item#9e P-38	Extra for placing of concrete with concrete placing boom pump of specified output, vertical & horizontal reach, as approved & directed by the Engineer Incharge.	Cft	4,548.00	7.40		33,655.20
	STEEL REINFORCEMENT					
Chapter-6 Item#12, P-38	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars):-					
(b-ii)	Deformed bars (Grade-60)	Kg	14,457.45	308.28		4,456,921.00
(a)	Plain bars	Kg	828.80	294.07		243,721.07
	ADMIXTURE					
Chapter-6 Item#57a P-43	Providing and mixing super plasticizer (water reducing admixture) as defined in ASTM C-94 in order to achieve the required consistancy / workablility measured by the slump or to acheive specified strenth in the ratio as proposed by the designer in the concrete mix design etc. complete in all respect as appprved and directed by Engineer incharge. a) Super Plasticizer	Ltr	451.00	184.65		83,277.15

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
Chapter-25 Item#10 P-201	Fabrication of heavy steel work, with angle, tees, flat iron round iron and sheet iron for making trusses, girders, tanks, etc., including cutting, drilling, refitting, handling, assembling and fixing, but excluding erection in position.	Kg	2,151.00	364.02		782,998.42
Chapter-25 Item#11 P-201	Erection and fitting in position iron trusses, staging of water tanks, etc.	Kg	2,151.00	15.36		33,037.21
	CIVIL WORKS					
	BRICK BALLAST					
Chapter-10 Item#4,P-59	Providing, laying, watering and ramming brick or stone ballast 1½" to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for floor foundation, complete in all respects.	Cft	205.00	144.79		29,682.77
	SOLID BLOCK WORK					
Chapter-6 Item#13 P-38	Providing & Fixing of Precast cement concrete solid or face blocks (1:2:4),including cost of templates, mortor (1:5) and labour for fixing at any height.	Cft	1,633.00	574.05		937,423.65
	PCC FOR FLOORS / ROOF					
Chapter-6 Item # 5 -(f) P-34	Cement concrete plain including placing, compacting, finishing and curing complete (including screening and washing of stone aggregate): RATIO 1:2:4	Cft	518.00	490.86		254,262.89
ARCHITECTURE						
	Plain and Reinforement Concrete					
CH:6 item 5	Cement concrete plain including placing, compacting , finishing and curing complete (including screening and washing of stone aggregate):-including cost of carriage at site					
(i)	Ratio 1: 4: 8 (Under Plinth Protection)	Cft	180.48	360.30		65,027.81
(f)	Ratio 1: 2: 4	Cft	482.84	490.86		237,004.68
CH:6 item 6 (b)(3)	(b) Precast reinforced cement concrete and prestressed reinforced cement concrete in columns, beams, lintels, stair cases, shelves, etc. (3) Type C (nominal mix 1: 2: 4)	Per Cft	31.50	738.90		23,275.35
CH:6 item 6 (c)	Erecting and fixing in position, precast cement concrete or stone slab in roofs or lintels, etc. lift unto 20 ft., (6m) including all charges.	Per Cft	31.50	143.20		4,510.80
	Carriage					-
CH:1 item 1	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor.					-
	(1:2:4) Under Floor	Per Cft	655.19	28.72		18,817.20
	Steel Reinforcement					-
CH:6 item 12 (c)	Fabrication of mild steel reinforcement for cement concrete, including cutting, bending, laying in position, making joints and fastenings, including cost of binding wire and labour charges for binding of steel reinforcement (also includes removal of rust from bars) (c) Deformed bar (Grade 60)	Kg	200.04	308.28		61,667.29
	Damp Proof Course					-
CH:6 item 33 (a)(ii)	Providing and laying damp proof course of cement concrete 1:2: 4(using cement, sand and shingle), including bitumen coating :- (a) with one coat bitumen and one coat polythene sheet 500gauge: ii) 2" thick (50 mm)	Sft	84.00	134.79		11,322.61

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
CH:6 item 35 (a)(ii)	Providing and laying vertical damp proof course with cement sand plaster and bitumen coating (a) with one coat of bitumen and one coat of polythene sheet 500 gauge: ii) Ratio 1:3 b) ¾ " thick (20 mm)	Sft	252.00	92.89		23,407.65
	Flooring					-
Ch-7 item 30	Supplying and filling sand under floor; or plugging in wells	Cft	141.37	35.57		5,028.18
Ch-10 item 3	Providing, laying, watering and ramming brick ballast 1½ to 2"(40 mm to 50 mm) gauge mixed with 25 % sand, for floor foundation, complete in all respects	Cft	107.10	144.79		15,507.44
Ch-10 item 22 b) (ii)	Providing & Laying mosaic flooring consisiting of one part of cement and marble powder in the ratio of 3:1 and two parts of marble chips,laid over 1"(25 mm) thick flooring of 1:2:4 cement concrete including rubbing and polishing complete with finishing :- b) 1½"(40 mm) thick mosaic flooring, consisting of ½ "(13mm) mosaic topping (ii) using white cement	Sft	966.00	351.49		339,538.86
CH:10 item 33 (b)	Tile skirting laid in 1:2 cement mortar, over ¾"(20 mm) thick cement mortar, 1:2 including cement washing and filling joints complete:- (b) mosaic tiles	P.Sft	39.16	282.82		11,075.26
Ch-10 item 25 b)	Rubbing and polishing old grit/ mosaic floor, including repairing voids, uneven surface, complete in all respects. b) New Grit / Mosaic Floor (Note: Rs. 730.40 per % Sft will be paid if only polishing is done)	Sft	1,005.16	48.39		48,636.21
Ch-6 item 53	Providing and fixing precast Edge Kerb Stone (100mm to 150mm thick), of 3500 PSI Compressive Strength, embeded in PCC 1:2:4 over lean concrete 1:4:8 etc complete in all respect. b) With Painting (iii) (300x150x450mm high)	Rft	142.80	698.30		99,717.24
	Surface Rendring					-
Ch-11 item 10 (b)	Cement plaster ratio 1:3 under soffit of RCC roof slabs only , upto 20' height. 3/8" (10 mm) thick. (ceiling plaster)	Sft	823.20	56.77		46,729.36
Ch-11 item 9 (b)	Cement plaster 1:4 on internal walls upto 20' (6 m) height, 1/2" (13 mm) thick.	Sft	1,411.20	49.59		69,978.59
Ch-11 item 9 (c)	Cement plaster 1:4 on external walls upto 20' (6 m) height, 3/4" (20 mm) thick.	Sft	2,395.05	66.41		159,062.46
CH:11 item-43	Providing and Fixing MS Diamond Wire Mesh of 24 guage (6" Wide) for horizontal and vertical joints of concrete interfacing masonry with nails, washers etc., i/c cost of all type labour and material, as shown on drawings, as per spicifications, complete in all respects, , as approved and directed by the Engineer Incharge.	Rft	1,141.88	26.55		30,316.78
CH:11 item-45	Extra For making Grooves with Providing and fixing Aluminum Trim Size: 1/2" x 1/2" in external grooves i/c cost of scaffolding fixing at any height in any floor, with screw for fixing or so directed, on exterior face of building, complete in all respect, as per Specifications, as approved by the Engineer.	Rft	1,008.00	67.95		68,493.60
	Painting and Warnishing					-
CH:13 item-46	Providing and applying wall putty of 2mm thickness over plastered surfac (new surface) to prepare the surface even and smooth complete in all respect.	Sft	2,234.40	5.76		12,875.73

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Ref. No.	Description	Unit	Qty	Rate		Amount
****NEW CONSTRUCTION****						
****CIVIL WORKS****						
****MAIN BUILDING WORK****						
Ch-13 item 31 (a)+(bx2)	Preparing surface and painting with Plastic Emulsion Paint:-					-
	a) first coat	Sft	2,234.40	17.92		40,031.51
	b) 2nd and 3rd coat	Sft	2,234.40	27.91		62,364.34
Ch-13 item 32A (a)(i+ii)	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect:-New Surface					-
	i) 1st Coat	Sft	1,197.53	50.06		59,952.29
	ii) 2nd Coat	Sft	1,197.53	27.63		33,081.63
						-
Ch-11 item 44	Providing & applying 6 mm thick fine textured Silica Sand Coating / Colorcrete including fungus control chemicals, non-shrinkage agent, water sealant (2 Coats) formed by special protective decorative coating of approved colour & shade with trowel having top class finish over well cleaned plastered surface i/c preparation and cleaning the surface, complete in all respect as approved and directed by the Engineer Incharge.	Per/Sft	1,197.53	179.50		214,955.74
Ch-10 item 52	Providing and laying Prepolished Granite of specified thickness and shade of full width of approved quality laid with adhesive bond over 3/4" thick (1:2) cement sand mortor bed , complete in all respect as approved and directed by the Engineer Incharge.			39.90		-
(i)	(i) 3/4" thick					-
b	Thresholds	Per/Sft	14.70	1,147.25		16,864.58
	Aluminum / Metal Works					-
	Steel and Iron Works					-
CH:25 item 70	Providing and fixing MS louvered door comprising of 3/4"x3/4"x2" louvers of 16 SWG MS sheet welded with door frame of size 2"x4" 16 SWG MS pipe with lock rail i/c the cost of handles, 1" dia MS sliding bolt ,three coats of fire proof paint complete in all respect as approved and directed by the Engineer Incharge. DOOR					-
	DOOR	Per/Sft	147.00	1,623.10		238,595.70
Ch-10 item 45(a)	Providing and laying Tuff pavers, having 7000 PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to require slope . complete in all respect. (50% Grey / 50% Coloured) a) 50-mm thick	Sft	453.60	188.20		85,367.52
	Roofing / Waterproofing					-
Ch-26 item 37 (ii)	Supplying and laying polythene sheet over D.P.C. under floors and on roofs, etc. ii) 500 gauge (.005" thick) 2 - Layer.	Sft	1,889.96	11.80		22,301.50
Ch-9 item 46 (ii)	Providing and applying torch-on plain waterproofing bitumenous membrane of specified thickness (made of Roof-Grip / Euro Bit) duly lapped/connected by heating with Torch over ps-6 primer i/c preparation/smoothen the surface complete in all respect as approved and directed by the Engineer Incharge.ii) 4 mm thick	Sft	944.98	132.35		125,067.97

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Ref. No.	Description	Unit	Qty	Rate		Amount
	****NEW CONSTRUCTION****					
	****CIVIL WORKS****					
	****MAIN BUILDING WORK****					
Ch-9 item 45 (c)	Providing and Laying Insulation material of Extruded Polystyrene XPS in Rigid Insulation / Foam Board on roof or walls, Density 32-38Kg/M, compressive strength 250-400 kpa, R-value 5 per inch thickness and water obsorption (1% by volume, cell structure clored cell) i/c cutting and placing in position. complete in all respect. c) 2" thick	Sft	944.98	101.02		95,458.00
Ch-10 item 13 (a)	Cement concrete tiles laid in 1:2 cement mortar, over 3/4" (20 mm) thick bed of cement mortar 1:2:- (a) 12"x12"x1" (300 x 300 x 25 mm)	Sft	944.98	217.85		205,862.73
Ch-9 item 18	Plain galvanized iron sheet flashing, 22 gauge.	Sft	126.00	407.45		51,338.70
Ch-9 item 15	Khuras on roof 2'x2'x6" (600 x 600 x 150 mm).	Each	1.00	1,240.85		1,240.85
Ch-9 item 16	Bottom Khuras of brick masonry in cement mortar 1:6, 4'x2'x4½" (1200x600x113 mm) over 3" (75 mm) cement concrete 1:4:8.	Each	1.00	2,399.30		2,399.30
	****NON-SCHEDULED ITEMS****					
	Flooring					
	Providing and laying Sealant (Polyurethane) in joints at any floor and any height, as shown on the drawings Complete in all respects, as approved by The Engineer.	Rft	126.00	1,586.40		199,886.40
	****ELECTRICAL WORKS****					
	Conduits & Pipes					
24/3	Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials.					
a)	Recessed in walls i/c making jharries					
iii	25 mm i/d	Per Rft.	250.00	140.15		35,037.50
iv	32 mm i/d	Per Rft.	65.00	167.10		10,861.50
	Conduit For Earthing Conductor					
24/3	Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials.					
vi	50 mm i/d	Per Rft.	250.00	241.95		60,487.50
23/14	Providing, laying, cutting, jointing, testing and disinfecting PVC/ uPVC pipe line with working pressure pipe, in trenches, including specials (PS-3051=BS-3505), complete in all respects:-					
b)	Class-D (12 bar)					
a)	2" i/d (50 mm)	Rft.	350.00	243.10		85,085.00
c)	4" i/d (100 mm)	Per Rft	1,100.00	856.25		941,875.00
	Wiring Cables					
24/8	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only):-					-
c)	450/750 volts, PVC insulated:					
ii)	1.5 mm sq (3/0.029")	Per Rft.	150.00	42.75		6,412.50
iii)	2.5 mm sq (7/0.029")	Per Rft.	250.00	63.10		15,775.00
iv)	4 mm sq (7/0.036")	Per Rft.	350.00	83.40		29,190.00
v)	6 mm sq (7/0.044")	Per Rft.	175.00	115.40		20,195.00
xiii)	120 mm sq (37/0.083")	Per Rft.	250.00	1,480.20		370,050.00
24/12	Supply and erection of XLPE insulated, PVC sheathed copper conductor, 600/1000 volts grade cable, in prelaid G.I. pipe/M.S. conduits/PVC pipe/G.I. wire/trenches, etc (rate for cable only):-					-
	a) Single core (Non-armoured)					-
xiv)	300 mm sq (61/0.099")	Per Rft.	2,000.00	4,042.05		8,084,100.00
xv)	400 mm sq (61/0.114")	Per Rft.	1,100.00	5,206.20		5,726,820.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
xvii)	630 mm sq (127/0.093")	Per Rft.	3,500.00	8,426.80		29,493,800.00
	Supply, installation, testing, commissioning and termination of 8.7 / 15kV, AL/XLPE/UA/PVC three Core (MV cables) of Pakistan cables / Newage or approved equivalent along with cable glands, in already installed cable trench / cable ladder / cable tray / duct bank.					-
viii)	300mm sq	Per Rft	1,100.00	3,358.30		3,694,130.00
	LV Switchgears					-
24/85	Supplying, Installation and commissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / SIEMEN GERMAN/ TERASAKI JAPAN/ ABB SWITZERLAND in prelaid DBs and Panels i/c the cost of screwes,necessary wire complete in all respect as approved and directed by the Engineer Incharge					-
a)-ii	Single Pole 6-40 Amp (6 KA)	Each	12.00	1,177.80		14,133.60
a)-iii	Single Pole 6-63 Amp (10 KA)	Each	3.00	1,459.05		4,377.15
24/86	Supplying ,Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/ SIEMEN/ ABB SWITZERLAND (with fixed Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.					
a)-ii	Triple Pole 15-100 Amp (10 KA,15KA)	Each	4.00	11,835.45		47,341.80
24/90	P/F wall mounted DB (Distribution Board) made with 16SWG Sheet (Recessed/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights, Thimble, Copper Comb, Wiring, Neutral & Earth Bar, Door Earthing, Digital Voltmeter, Digital Ammeter, Volt Selector Switch, Ammeter selector switch, Current Transformers and Controls Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately).					-
a i)	6" deep 20~60A	P.Cft	4.50	24,283.05		109,273.73
	Exhaust Fans					-
24/102	Providing and fixing Copper winded Exhaust fan with louver and shutter made of Pak/Younas/G.F.C. i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge.					-
	(a) Plastic body					
ii)	12" dia	Each	2.00	5,685.50		11,371.00
	Bracket Fans					
24/103	Providing and fixing Pakistan Energy Label NEECA approved Copper winded wall bracket Fan i/c the cost of necessary cable and hardware for connection as approved and directed by Engineer Incharge.					-
i)	18" sweep	Each	1.00	6,861.15		6,861.15
	Wiring Accessories					-

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
24/105	P/F PVC double layer Switch kit Faceplate with specified switch holes i/c the cost of switches / sockets / dimmer made of Legrand/ ABB / Schneider or approved equivalent manufacturer, screws complete in all respect, as approved and directed by the Engineer In charge.					
a)	One way Gange Switch Small					-
i)	01 Gange	Each	1.00	463.20		463.20
ii)	02 Gange	Each	3.00	704.40		2,113.20
iii)	03 Gange	Each	2.00	888.00		1,776.00
iv)	Three pin Light Plug 10/13 Amp	Each	3.00	754.45		2,263.35
viii)	Three Pin Power Plug 15-32 Amp	Each	4.00	924.55		3,698.20
d)	Industrial Socket IP-65 with maching plug.					
	1) Three pin, single phase					-
ii)	32A	Each	2.00	3,243.10		6,486.20
iii)	63A	Each	2.00	13,614.70		27,229.40
	3) Three pin, Single Phase Plug					-
ii)	32A	Each	2.00	2,279.65		4,559.30
iii)	63A	Each	2.00	8,651.65		17,303.30
24/106	Supply, installation, testing & commissioning of 16 SWG Sheet Steel powder coated back Boxes with earth terminal, recessed in wall, including accessories, , complete in all respect as per specifications and s approved by Engineer In charge.					-
i)	Small 3"x3"	Each	13.00	438.80		5,704.40
ii)	Large 6"x3"	Each	4.00	702.80		2,811.20
	Earthing Conductor					
24/120	Supply, installation, testing & commissioning of complete grounding system.					-
ix)	95 mm² CU bare conductor	Per Rft.	250.00	1,206.95		301,737.50
	NON-SCHEDULED ITEMS					
	Lighting Fixtures					
	Supply, installation, testing & commissioning of following LED Light fixtures complete with Electronic ballast (unless mention otherwise), lamps, lamp holders, Earth Protection and mounting accessories etc., as per specification, complete in all respects, as per drawings and Technical Specification "Section-E-6 Lighting Fixtures", complete in all respect. Lighting fixtures sample must be submitted to consultant for approval. PF> 0.9, CRI>80, Light Color 2500K to 5000K as Approved by The Engineer/Architect. Operating Life 50,000hrs, IEC Certified. Note: Refer light fixtures drawings/Schedule for complete light fixtures details.					
	Decorative smart LED hanging suspended fitting 36 IP67/65, 110 Lumens/watt.	Each	6.00	23,235.00		139,410.00
	SMART LED down light surface type 18 watt	Each	4.00	7,259.00		29,036.00
	LED Flood Light 50 Watt (IP67/ 65) efficiency 125 Lumens/watt.	Each	4.00	9,674.00		38,696.00
	Earthing System					-
	Supply, installation, testing and commissioning of following items for Earthing/ Grounding System for lightning protection and grounding of other systems including all material, boring, labor, tools, transportation, accessories etc. Complete in all respects with detailed test reports.					-

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Chemical Enhanced Earth using 38 mm dia 10'-0" long copper pipe filled with soil conditioning material including 6" dia, 11' deep boring and back filled chemical to enhance conductivity. Complete with thermos weld joint, 13" dia heavy duty Cast Iron round cover as per details	Each	8.00	85,745.00		685,960.00
	20mm dia 10'-0" long Tin platted copper Rod. Complete with thermos weld joint, 13" dia heavy duty Cast Iron round cover as per details.	Each	1.00	85,745.00		85,745.00
	Supply, Installation, Testing and Commissioning of Earth Copper Bar (Test Link) for Earthing System as shown in the drawing and as per specification, along with all necessary accessories complete in all respect.	Each	8.00	21,800.00		174,400.00
	Earth Grounding Bar (EGB) or Equipotential bar made with 450mm wide, 50mm high and 8mm thick tin plated Copper, Bar shall be provided with holes suitable for installation of 4 No. 95 sqmm bare copper conductor. EGB shall be enclosed in appropriate size of powder coated metal enclosure with front accessible cover.	Each	3.00	50,510.00		151,530.00
	Power Transformer					-
	Supply, installation, testing & commissioning of following 11000/ 415V, 3 phase, 4 wire, Oil type PAD mounted transformers (PMT/ KIOSK) for outdoor use and necessary installation accessories etc. as per drawing, specifications, data sheets, complete in all respects, as per drawing and WAPDA/ DISCO specification and WAPDA/ DISCO approval.					-
	3000 KVA Kiosk Type Transformer. (Convention Center)	No.	1.00	16,286,596.00		16,286,596.00
	2500 KVA Kiosk Type Transformer. (Convention Center)	No.	1.00	13,742,951.00		13,742,951.00
	Termination Kit & Thimbles					
	Supply and Installation of L.T cable termination kits of following sizes cables.					
	LV Termination Kit					
	1 Core Copper Cables 660/1100 Volts Grades					
	1 Core 630 mm Sq. Copper Cables	Each	46.00	32,993.00		1,517,678.00
	1 Core 400 mm Sq. Copper Cables	Each	48.00	17,423.00		836,304.00
	Thimble with Heat shrink sleave/Shroud					
	Supply and Installation of Thimble with Heat shrink sleave of following sizes cables.					
	240mm Sq Cable	Each	12.00	1,399.00		16,788.00
	185mm Sq Cable	Each	10.00	1,153.00		11,530.00
	** INFORMATION AND COMMUNICATIONS TECHNOLOGY (ICT)**					
	ICT Passive					
Ch.24	**Conduit**					
3	Supply and erection of PVC pipe for wiring recessed in walls, including inspection boxes, pull boxes, hooks, cutting jharries, and repairing surface, etc., complete with all specials.					
	iii) 25 mm i/d	R.Meter	19,431.00	456.00		8,860,536.00
	Communication Cabling System					

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
116	Supply,Installation and commissioning of wiring with 4pair data Cable, 23AWG UL/EN listed cable *Conforming to following standards: TIA/EIA568/ISO/IEC11801,in prelaid conduit/cabletray from including all accessories, Manufacturer/OEM Authorization, Make:Schneider/i-connectUK/3MCorningUSA/D-Link/PolloAustralian or equivalent approved manufacturer,complete in all respect as approved and directed by Engineer Incharge.					
	a) UTP (Unshielded Twisted pair)					
	(ii)CAT-6A (Min.1G/ 10G @ 500MHz or higher)	R.Meter	4,835.00	228.30		1,103,830.50
	b) STP (Shielded Twisted pair)					
	(i)CAT-7 (Min.1G/ 10G @ 500MHz or higher)	R.Meter	69,949.00	287.35		20,099,845.15
117	Supply,installationandconnectionsofCAT-6AUTP(UnsheildedTwistedPair),patchcordofspecifiedlength,FactoryFabricatedandULListedwithantiSnagBoots-GoldovernickelplatedmadeofSchneider,PolloAustraliaor equivalent approved manufacturer and directed by Engineer Incharge .					
	(i) 1 meter Patch Cord	Each	1,275.00	2,608.00		3,325,200.00
	(ii) 3 Meter Patch Cord	Each	1,275.00	2,968.00		3,784,200.00
115	Supply,Installation and commissioning of wiring with fiber optic cable with Unitube, Light-Armoured Cable, Single-Mode,OS2,of specified Core, 9µm, in prelaid conduit or cable tray etc. from Fiber switch to Fiber Switch in ODF Panel, including all accessories, made of Schnider/i-ConnectUK/PanduitUSAPolloAustralia or equivalent approved manufacturer and directed by the Engineer Incharge.					
	i) 12 Core	R.Meter	200.00	554.20		110,840.00
	ii) 24 Core	R.Meter	350.00	1,095.80		383,530.00
	iii) 48 Core	R.Meter	839.00	1,908.15		1,600,937.85
128	Supply, Installation and Connection of Fiber Optic SC-LC Patch Cords OS2 or OM3 of Specified Length from PoE Switch to ODF Point,UL Listed, Made of Schneider/Norden,PolloAustralia or equivalent as approved and directed by Engineer Incharge	P.Mtr	320.00	6,304.15		2,017,328.00
	Communication Faceplates and Connectors					
138	Supply, Installation and commissioning of Simple type, Dual Shutter Face Plates having fully populated I/O: Option 1:RJ-11 with RJ45/8P8C I/Os supporting either Cat6 or Cat6a cables as required by projectOption 2: Two RJ45/8P8C I/Os supporting either Cat6 or Cat6a cables as required by project.					
	(i) Single I/O	Each	75.00	1,678.15		125,861.25
	(ii) Double I/O	Each	346.00	2,626.50		908,769.00
	Data, Voice, WiFi, IP-CCTV Passive Equipment					
122	Supply,Installationandcommissioningof19"RackMountedofspecified,UTPPatchPanelwithspecifiedtoollesssupport&RearCableManagement,ULlisted,LoadedwithUTPofspecifiedKeystoneJackToollessSupport,MadeofSchneider/Norden/3MCorning/D-Link,PolloAustraliaorequivalent or as Approved and Directed by Engineer Incharge.					
	ii) CAT-6A (24 Port Patch Panel with Toolless Support 10-Gigabit)	Each	64.00	35,405.00		2,265,920.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
127	Supply, Installation of OFDF (Optical Fiber Distribution Frame) having specified mode ports Loaded with Splicing Tray, with splicing of Pigtails, Fully loaded DUPLEX SC Couplers & Pigtail supplied with Patch Leads (LC-SC) or as per site SFP based required cords, UL Listed, Made of Schneider / Norden, Pollo Australia or equivalent or as approved and directed by the Engineer Incharge.					
	b) Singlemode (SM) Ports					
	(ii) 12 Ports	Each	14.00	52,234.90		731,288.60
	(iii) 48 Ports	Each	4.00	221,866.90		887,467.60
121	Supply and installation of Cable Metal Organizer,19"Rack mounted with high graded epoxy powder coating and slideable top-UL Listed. Made of Schneider/iConnectUK/3MCorning: Pollo Australia or equivalent as approved and directed by the Engineer incharge.	Each	64.00	4,108.80		262,963.20
	Communication Racks and PDUs					
143	Supply, installation and connections of 42U Racks 800 x1000 MM with Fans and:02 nos PDU-IMPORTED. Make Schneider as specified as approved and directed by Engineer's Incharge.	Each	10.00	198,078.70		1,980,787.00
136	SupplyinstallationofwallmountedCCTVCabinetcomprisingofPowderCoatedM.Sframefrontglass&twosideopenings02wayfansforcoolingtop&bottomentryhandlelockwith6wayPDU(PowerDistributionUnit)withallnecessaryaccessories/materials,completeinallrespects.MadeofBosch/HP/Dell,PolloAustraliaorequivalentorasapprovedanddirectedby Engineer Incharge.					
	(ii) 15U size (600x550x770 mm)	Each	4.00	59,379.95		237,519.80
	Cable Ladder, Conduit and Duct					
104	Providing and fixing hot dipped Galvanized Cable Ladder fabricated with side channels of specified size and guage duly fixed with rungs of 35x15 mm run @ 10"C/C i/c the cost of coupler plates (1-1/4"x8") and hardwares as approved and directed by the Engineer Incharge.					
	II- Side Channel (3"x1/2")					
	(d) 14SWG					
	(ii) 6"x3"	P.Rft	903.00	376.70		340,160.10
	(iv) 12"x3"	P.Rft	3,950.00	408.20		1,612,390.00
	NON-SCHEDULED ITEMS					
	Fluke Test (Cat-6A) Per Node	Per Node	1,275.00	501.77		639,756.75
	OTDR	Per Node	320.00	501.77		160,566.40
	RJ-45 Connector for Cat 6A	Pcs	1,275.00	151.79		193,532.25
	Door Strips	R.ft	40.00	496.82		19,872.80
	Sealant Fire Resistance	P/600ml	20.00	3,601.82		72,036.40
	Sealing Brush	R.ft	40.00	289.26		11,570.40
	**ICT Active Equipment **					
	NON-SCHEDULED ITEMS					
	Network Active Equipment					
	Supply, Installation, Configuration, Testing and Commissioning of 48 Port Access Switches	No.	8.00	714,840		5,718,720.00
	Supply, Installation, Configuration, Testing and Commissioning of 24 Port Access Switches	No.	3.00	573,720		1,721,160.00
	Supply, Installation, Configuration, Testing and Commissioning of 48 Port Access Switches PoE+	No.	16.00	1,052,800		16,844,800.00
	Supply, Installation, Configuration, Testing and Commissioning of 24 Port Access Switches PoE+	No.	10.00	767,200		7,672,000.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Supply, Installation, Configuration, Testing and Commissioning of Firewall	No.	2.00	3,500,000		7,000,000.00
	Supply, Installation, Configuration, Testing and Commissioning of Wireless Access Points (Type 2)	No.	155.00	150,000		23,250,000.00
	Supply, Installation, Configuration, Testing and Commissioning of Wireless Access Point Controller	No.	2.00	2,240,000		4,480,000.00
	Supply, Installation, Configuration, Testing and Commissioning of SFP 1G	No.	15.00	28,000		420,000.00
	Supply, Installation, Configuration, Testing and Commissioning of SFP 10G	No.	96.00	42,000		4,032,000.00
	IP-CCTV System					-
	Supply, Installation, Configuration, Testing and Commissioning of IP CCTV Camera (Bullet)	No.	115.00	36,500		4,197,500.00
	Supply, Installation, Configuration, Testing and Commissioning of IP CCTV Camera (Dome)	No.	214.00	36,500		7,811,000.00
	Supply, Installation, Configuration, Testing and Commissioning of IP CCTV Camera (PTZ)	No.	8.00	278,775		2,230,200.00
	Supply, Installation, Configuration, Testing and Commissioning of Network Video Recorder (NVR)	No.	2.00	1,752,300		3,504,600.00
	Specialized Convention Center Network Equipment					-
	Supply, Installation, Configuration, Testing and Commissioning of Core Switch (100G)	No.	2.00	11,200,000		22,400,000.00
	Supply, Installation, Configuration, Testing and Commissioning of Distribution Switch (40G)	No.	2.00	9,800,000		19,600,000.00
	Supply, Installation, Configuration, Testing and Commissioning of Access Switch (40G)	No.	8.00	9,800,000		78,400,000.00
	Supply, Installation, Configuration, Testing and Commissioning of SFP (40G)	No.	96.00	420,000		40,320,000.00
	Supply, Installation, Configuration, Testing and Commissioning of SFP (100G)	No.	48.00	1,680,000		80,640,000.00
	Supply, Installation, Configuration, Testing and Commissioning of MPO Fiber Cable (for QSFP+ Transceivers)	No.	96.00	70,000		6,720,000.00
	Supply, Installation, Configuration, Testing and Commissioning of OM4 MPO - MPO Cable	No.	15.00	29,400		441,000.00
	Supply, Installation, Configuration, Testing and Commissioning of Rack (POD)	No.	1.00	47,040,000		47,040,000.00
	Telephone Excahnge					-
	Supply, Installation, Configuration, Testing and Commissioning of Telepehone Exchange IP	No.	1.00	1,381,800		1,381,800.00
	Supply, Installation, Configuration, Testing and Commissioning of IP Phone	No.	206.00	27,500		5,665,000.00
	Supply, Installation, Configuration, Testing and Commissioning of IP Console	No.	4.00	84,960		339,840.00
	Internet Services (for two years)	Yrs	2.00	16,000,000		32,000,000.00
	END USER EQUIPMENT					
	NON SCHEDULE					
	End User Equipment					
	Supply, Installation, Configuration, Testing and Commissioning of Laptops (Consumers) of Top Tier (2) Brands		10.00	480,000		4,800,000.00
	Supply, Installation, Configuration, Testing and Commissioning of Desktop PC (Consumers) of Top Tier (2) Brands		10.00	440,000		4,400,000.00
	Supply, Installation, Configuration, Testing and Commissioning of UPS (Desktop PC) of Top Tier (2) Brands		10.00	45,000		450,000.00
	Supply, Installation, Configuration, Testing and Commissioning of Network Printer of Top Tier (2) Brands		10.00	165,000		1,650,000.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	Supply, Installation, Configuration, Testing and Commissioning of latest tablet PC of Top Tier (2) Brands		50.00	450,000		22,500,000.00
	Supply, Installation, Configuration, Testing and Commissioning of Photocopier of Top Tier (2) Brands		2.00	1,200,000		2,400,000.00
	Supply, Installation, Configuration, Testing and Commissioning of LED 98"		3.00	1,594,710		4,784,130.00
	Supply, Installation, Configuration, Testing and Commissioning of LED 75"		20.00	548,000		10,960,000.00
	Supply, Installation, Configuration, Testing and Commissioning of Video Wall SMD COB (75 feet x 35 feet) Ground Floor Media Hall		1.00	315,000,000		315,000,000.00
	Supply, Installation, Configuration, Testing and Commissioning of Video Wall SMD COB (40 feet x 15 feet) Ground Floor Media Hall		1.00	72,000,000		72,000,000.00
	Supply, Installation, Configuration, Testing and Commissioning of Video Wall SMD COB (10 feet x 15 feet) Ground Floor Media Hall (Side Walls)		4.00	18,000,000		72,000,000.00
	Supply, Installation, Configuration, Testing and Commissioning of Video Wall SMD COB (120 feet x 35 feet) Convention Center Hall		1.00	504,000,000		504,000,000.00
	Supply, Installation, Configuration, Testing and Commissioning of Video Wall SMD COB (120 feet x 35 feet) Convention Center Hall (Side Walls)		2.00	504,000,000		1,008,000,000.00
	Supply, Installation, Configuration, Testing and Commissioning of Video Wall SMD COB (40 feet x 15 feet) Ground Floor (for Hall 01 to 04)		4.00	72,000,000		288,000,000.00
	Supply, Installation, Configuration, Testing and Commissioning of Video Wall SMD COB (10 feet x 15 feet) Ground Floor (for Hall 01 to 04)		8.00	18,000,000		144,000,000.00
	Supply, Installation, Configuration, Testing and Commissioning of Video Wall SMD COB (60 feet x 15 feet) First Floor Banquet Hall		1.00	108,000,000		108,000,000.00
	Supply, Installation, Configuration, Testing and Commissioning of Video Wall SMD COB (10 feet x 15 feet) First Floor Banquet Hall		4.00	18,000,000		72,000,000.00
	Supply, Installation, Configuration, Testing and Commissioning of Video Wall SMD COB (40 feet x 15 feet) First Floor (10 Meeting Rooms & 3 Board Rooms)		4.00	72,000,000		288,000,000.00
** LOOSE / MOVEABLE FURNITURE**						
End User Equipment						
3 Seater Sofa	Ergonomic chair mechanism. Elastomeric nylon mesh for backrest Pneumatic seat height adjustment Metal chrome base with PU caster wheels Faux Leatherette upholstery for seat. High density quick recovery foam for seat Design and material Finishes as approved by interior wing		2	407,100		814,200.00
2 SEATER SOFA	High density quick recovery with antimicrobial finish foam faux leatherette/ high performance fabric upholstery Solid wood structure wooden base as per design.		5	271,400		1,357,000.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
1 Seater Sofa	Ergonomic chair mechanism. Elastomeric nylon mesh for backrest Pneumatic seat height adjustment Metal chrome base with PU caster wheels Faux Leatherette upholstery for seat. High density quick recovery foam for seat Design and material Finishes as approved by interior wing		4	159,300		637,200.00
SIDE TABLE	26 mm Marble top/Glass/wood veneer Solid wood structure. PU gliders for noiseless dragging Design as approved by interior wing.		8	182,900		1,463,200.00
CREDENZA	Solid wood structure Veneer pressed on carving grade MDF table top. Wooden edge banding MS 80 Microns Powder coated 18-gauge frame for base. Design and material Finishes as approved by interior wing		12	348,100		4,177,200.00
Center Table	i) 26 mm corian /glass top ii) Metal or laminate mdf based structure. Iii) PU gliders for noiseless dragging Design as approved by interior wing.		6	253,700		1,522,200.00
RECEPTION CHAIR	Ergonomic chair mechanism. Elastomeric nylon mesh for backrest Pneumatic seat height adjustment Metal chrome base with PU caster wheels High density quick recovery foam for seat Design and material Finishes as approved by interior wing		7	85,550		598,850.00
SCO ROUND TABLE HALL				-		
SCO EXECUTIVE TABLE	Worktop: 18–25 mm pre-laminated MDF/particle board with 2 mm PVC edge banding Frame: Powder-coated MS steel (40×40 mm or 50×25 mm profile) Modesty Panel: Laminated board or 1–1.2 mm powder-coated MS sheet Cable Management: Metal tray or aluminum raceway with grommet or flip-top access		36	690,300		24,850,800.00
EXECUTIVE CHAIR	High density quick recovery with antimicrobial finish foam faux leatherette/ high performance fabric upholstery Solid wood plywood structure Solid wood legs as per design. PU gliders for noisless dragging Design as approved by interior wing		36	194,700		7,009,200.00
SCO TABLE	Worktop: 18–25 mm pre-laminated MDF/particle board with 2 mm PVC edge banding Frame: Powder-coated MS steel (40×40 mm or 50×25 mm profile) Modesty Panel: Laminated board or 1–1.2 mm powder-coated MS sheet Cable Management: Metal tray or aluminum raceway with grommet or flip-top access		86	407,100		35,010,600.00
CHAIR	Ergonomic chair mechanism. Elastomeric nylon mesh for backrest Pneumatic seat height adjustment Metal chrome base with PU caster wheels High density quick recovery foam for seat Design and material Finishes as approved by interior wing		86	129,800		11,162,800.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
Rostrums	Solid Wood Structure.		3	182,900		548,700.00
EXECUTIVE OFFICES GF / HEAD OFFICE SF						
EXECUTIVE TABLE WITH SIDE RACK	Solid wood structure natural wood venner pressed on 38mm mdf top. Leather padding on top with buitlin wire gourmet Design as approved by Interior Wing Polish details : Vacum seasoned wood. German Stains with 4 tier lacquer and sanding process.Shade as approved by interior wing.		5	1,020,700		5,103,500.00
EXECUTIVE OFFICE CHAIR	Ergonomic chair mechanism Faux leatherette upholstery on seat and back. High density quick recovery foam for upholstery. Pneumatic height adjustment. Adapting free tilting function to support comfortable backrest metal chrome chair base. Design and material Finishes as approved by interior wing		5	312,700		1,563,500.00
VISITOR CHAIR	High density quick recovery with antimicrobial finish foam faux leatherette/ high performance fabric upholstery Solid wood plywood structure Solid wood legs as per design. PU gliders for noisless dragging Design as approved by interior wing		15	194,700		2,920,500.00
2 SEATER SOFA	High density quick recovery with antimicrobial finish foam faux leatherette/ high performance fabric upholstery Solid wood plywood structure Solid wood legs as per design. PU gliders for noisless dragging Design as approved by interior wing		18	271,400		4,885,200.00
CREDENZA	Solid wood structure Veneer pressed on carving grade MDF table top. Wooden edge banding MS 80 Microns Powder coated 18-gauge frame for base. Design and material Finishes as approved by interior wing		5	348,100		1,740,500.00
SIDE TABLE	26 mm Marble top/Glass/wood veneer Solid wood structure. PU gliders for noiseless dragging Design as approved by interior wing.		12	182,900		2,194,800.00
CENTER TABLE	26 mm Marble top /Corian/Glass/wood veneer Metal Or wood base PU gliders for noiseless dragging Design as approved by interior wing.		10	253,700		2,537,000.00
COAT HANGER	High-quality ash wood and oak veneer with a rich Jacobean polish and high-quality SS where required. Along with tie/pant stand and shoe rack and watch placement.		5	69,030		345,150.00
STANDING LAMPS	Modern metal lamp with swing arm eye caring task lamp antique brass finish marble base.		5	100,300		501,500.00
TABLE LAMPS	MODERN METAL DESK LAMP WITH SWING ARM EYE CARING TASL LAMP ANTIQUE BRASS FINSIH MARBLE BASE		5	64,900		324,500.00
HEAD STATE LOUNGE / VIP LOUNGES						

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
2 SEATER SOFA	High density quick recovery with antimicrobial finish foam faux leatherette/ high performance fabric upholstery Solid wood plywood structure Solid wood legs as per design. PU gliders for noisless dragging Design as approved by interior wing		100	271,400		27,140,000.00
SIDE TABLE	26 mm Marble top/Glass/wood veneer Solid wood structure. PU gliders for noiseless dragging Design as approved by interior wing.		132	182,900		24,142,800.00
CENTER TABLE	26 mm Marble top /Corian/Glass/wood veneer Metal Or wood base PU gliders for noiseless dragging Design as approved by interior wing.		88	253,700		22,325,600.00
STANDING LAMPS	Modern metal lamp with swing arm eye caring task lamp antique brass finish marble base.		12	100,300		1,203,600.00
TABLE LAMPS	MODERN METAL DESK LAMP WITH SWING ARM EYE CARING TASL LAMP ANTIQUE BRASS FINSIH MARBLE BASE		12	64,900		778,800.00
MEDIA HALL / SECURITY OFFICE						
4 PERSON CONTROL ROOM TABLE	Worktop: 18–25 mm pre-laminated MDF/particle board with 2 mm PVC edge banding Frame: Powder-coated MS steel (40×40 mm or 50×25 mm profile) Modesty Panel: Laminated board or 1–1.2 mm powder-coated MS sheet Cable Management: Metal tray or aluminum raceway with grommet or flip-top access		8	548,700		4,389,600.00
5 PERSON CONTROL ROOM TABLE	Worktop: 18–25 mm pre-laminated MDF/particle board with 2 mm PVC edge banding Frame: Powder-coated MS steel (40×40 mm or 50×25 mm profile) Modesty Panel: Laminated board or 1–1.2 mm powder-coated MS sheet Cable Management: Metal tray or aluminum raceway with grommet or flip-top access		1	685,875		685,875.00
7 PERSON CONTROL ROOM TABLE	Worktop: 18–25 mm pre-laminated MDF/particle board with 2 mm PVC edge banding Frame: Powder-coated MS steel (40×40 mm or 50×25 mm profile) Modesty Panel: Laminated board or 1–1.2 mm powder-coated MS sheet Cable Management: Metal tray or aluminum raceway with grommet or flip-top access		1	960,225		960,225.00
STAFF CHAIR	Ergonomic chair mechanism. Elastomeric nylon mesh for backrest Pneumatic seat height adjustment Metal chrome base with PU caster wheels High density quick recovery foam for seat Design and material Finishes as approved by interior wing		44	85,550		3,764,200.00
BOARD ROOMS / MEETING ROOM						

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
BOARD ROOM TABLE (11)	Solid wood structure venner pressed on mdf top. Leather padding on top with buitlin wire gourmet Design as approved by Interior Wing Polish details : Vacum seasoned wood. German Stains with 4 tier lacquer and sanding process.Shade as approved by interior wing.		1	1,917,500		1,917,500.00
BOARD ROOM TABLE (13)	Solid wood structure venner pressed on mdf top. Leather padding on top with buitlin wire gourmet Design as approved by Interior Wing Polish details : Vacum seasoned wood. German Stains with 4 tier lacquer and sanding process.Shade as approved by interior wing.		8	2,826,100		22,608,800.00
BOARD ROOM TABLE (23)	Solid wood structure venner pressed on mdf top. Leather padding on top with buitlin wire gourmet Design as approved by Interior Wing Polish details : Vacum seasoned wood. German Stains with 4 tier lacquer and sanding process.Shade as approved by interior wing.		3	5,646,300		16,938,900.00
MEETING CHAIR	High quality ergonomic chair mechanism Faux leatherette upholstery on seat and back. High density quick recovery foam for upholstery. padding on arms Pneumatic height adjustment. Adapting free tilting function to support comfortable backrest High quality SS Steel base with PU caster wheels.		256	112,100		28,697,600.00
BANQUET / DINING HALL						
Dining Table (8 Person)	Laminated MDF table top Base poweder quoated ss frame Design and material Finishes as approved by interior wing		38	241,900		9,192,200.00
Dining Chair	Leatherette upholstery on seat and back High density quick recovery antimicrobial finish foam for upholstery. Solid wood and plywood durable structure. Design and material Finishes as approved by interior wing		304	64,900		19,729,600.00
OFFICES 2ND FLOOR						
TABLE WITH SIDE RACK	Solid wood structure natural wood venner pressed on 38mm mdf top. Leather padding on top with buitlin wire gourmet Design as approved by Interior Wing Polish details : Vacum seasoned wood. German Stains with 4 tier lacquer and sanding process.Shade as approved by interior wing.		3	690,300		2,070,900.00
OFFICE CHAIR	Ergonomic chair mechanism Faux leatherette upholstery on seat and back. High density quick recovery foam for upholstery. Pneumatic height adjustment. Adapting free tilting function to support comfortable backrest metal chrome chair base. Design and material Finishes as approved by interior wing		3	112,100		336,300.00
VISITOR CHAIR	High density quick recovery with antimicrobial finish foam faux leatherette/ high performance fabric upholstery Solid wood plywood structure Solid wood legs as per design. PU gliders for noisless dragging Design as approved by interior wing		6	194,700		1,168,200.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
2 SEATER SOFA	High density quick recovery with antimicrobial finish foam faux leatherette/ high performance fabric upholstery Solid wood structure wooden base as per design.		6	271,400		1,628,400.00
CREDENZA	Solid wood structure Veneer pressed on carving grade MDF table top. Wooden edge banding MS 80 Microns Powder coated 18-gauge frame for base. Design and material Finishes as approved by interior wing		8	348,100		2,784,800.00
SIDE TABLE	26 mm Marble top/Glass/wood veneer Solid wood structure. PU gliders for noiseless dragging Design as approved by interior wing.		9	182,900		1,646,100.00
CENTER TABLE	26 mm Marble top /Corian/Glass/wood veneer Metal Or wood base PU gliders for noiseless dragging Design as approved by interior wing.		3	253,700		761,100.00
COAT HANGER	High-quality ash wood and oak veneer with a rich Jacobean polish and high-quality SS where required. Along with tie/pant stand and shoe rack and watch placement.		3	69,030		207,090.00
STANDING LAMPS	Modern metal lamp with swing arm eye caring task lamp antique brass finish marble base.		3	100,300		300,900.00
TABLE LAMPS	MODERN METAL DESK LAMP WITH SWING ARM EYE CARING TASL LAMP ANTIQUE BRASS FINSIH MARBLE BASE		3	64,900		194,700.00
WORK HALLS						
LINEAR WORKSTATION (With Drawer pedestal)	Worktop: 18–25 mm pre-laminated MDF/particle board with 2 mm PVC edge banding Frame: Powder-coated MS steel (40×40 mm or 50×25 mm profile) Modesty Panel: Laminated board or 1–1.2 mm powder-coated MS sheet Cable Management: Metal tray or aluminum raceway with grommet or flip-top access		16	147,500		2,360,000.00
STAFF CHAIR	Ergonomic chair mechanism. Elastomeric nylon mesh for backrest Pneumatic seat height adjustment Metal chrome base with PU caster wheels High density quick recovery foam for seat Design and material Finishes as approved by interior wing		16	85,550		1,368,800.00
INTERIOR ITEMS						
BINS WITHOUT LID	SS CHROME FINISH DESIGN AS PER APPROVED INTERIOR WING		24	23,600		566,400.00
BINS WITH LID	SS CHROME FINISH DESIGN AS PER APPROVED INTERIOR WING		12	38,350		460,200.00
ASH BINS	SS CHROME FINISH DESIGN AS PER APPROVED INTERIOR WING		10	28,910		289,100.00
PLANTER (WITH NATURAL PLANT)	FIBER GLASS STRUCTURE		50	69,030		3,451,500.00
AUTOMATED BLINDS	As per Approved Sample & Specifications		8,816	3,955		34,870,453.76

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
Artwork / framed decorative pieces / mirrors	Canvas painting with framing and glass		50	100,300		5,015,000.00
Rugs	As per Approved Sample & Specifications		5	336,300		1,681,500.00
Sculptures, objets, vases, bowls and tabletop accessories	As per Approved Sample & Specifications		1	2,891,000		2,891,000.00
Executive & meeting-room accessories	As per Approved Sample & Specifications		1	1,593,000		1,593,000.00
Large custom chandeliers / feature pendants shown in Convention, Banquet and Media Halls	As per Approved Sample & Specifications		1	6,490,000		6,490,000.00
	REVAMPING RENOVATION					
	CIVIL WORKS					
	DISMANTLING					
CH:4 item 13	Dismantling brick work in lime or cement mortar	Per Cft	15,673.00	69.03		1,081,836.66
	Wood Work					
CH:4 item 32(a)	Removing door with chowkat.	Per No.	277.00	700.50		194,038.50
CH:4 item 32(b)	Removing windows and sky lights with chowkat.	Per No.	143.00	546.20		78,106.60
	Roofing					
CH:4 item 22(a)	Dismantling 1st class tile roofing.	Per Sft	41,449.00	24.36		1,009,780.54
	Flooring					
CH:4 item 50	Dismantling glazed or encaustic tiles, etc.	Per Sft	138,774.00	37.36		5,184,804.80
CH:4 item 49-b	Scraping:- b) Ordinary distemper, oil bound distemper, or paint of wall	Per Sft	93,769.00	12.18		1,142,200.19
	NON-SCHEDULED ITEM					
	COST OF OLD MATERIAL RECOVERY					
	Roof Tile @ 60%	Per No.	87,042.90	(4.00)		(348,171.60)
	Tile Bats @ 40%	Per Cft	2,072.45	(24.00)		(49,738.80)
	Door	Per No.	277.00	(1,675.00)		(463,975.00)
	Window	Per No.	143.00	(3,030.00)		(433,290.00)
	Bricks	Per No.	132,085.54	(9.00)		(1,188,769.87)
	Brick Bats @ 40%	Per Cft	6,269.20	(27.00)		(169,268.40)
	NON-SCHEDULED ITEM					
	Plain and Reinforcement Concrete					
CH:6 item-5	Cement concrete plain including placing, compacting , finishing and curing complete (including screening and washing of stone aggregate)					
(i)	Ratio 1: 4: 8	Cft	623.00	360.30		224,463.79
(f)	Ratio 1: 2: 4	Cft	48,210.00	490.86		23,664,119.55
	Carriage					
CH:1 item-1	Carriage of 100 Cft. (2.83 cu.m) of all materials like stone aggregate, spawl, kankar lime (unslaked), surkhi, etc. or 150 Cft. (4.25 cu.m) of timber, by truck or by any other means owned by the contractor.	Cft	45,174.00	28.72		1,297,397.28
	Brick / Block Work					
CH:6 item-13	Precast cement concrete solid or face blocks (1:2:4), including cost of templates.	Cft	5,189.00	574.05		2,978,745.45
	Flooring					
CH:10 item-3	Supplying and filling sand under floor; or plugging in wells.	Cft	1,245.00	35.57		44,280.92

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
CH:10 item-4	Providing, laying, watering and ramming brick ballast 1½" to 2"(40 mm to 50 mm) gauge mixed with 25% sand, for floor foundation, complete in all respects.	Cft	41,438.00	144.79		5,999,973.77
Ch-10 item 46 (a)-iv	Providing and laying superb quality Porcelain glazed tiles flooring of Master/ Stile brand or approved equivalent manufacturer of specified size in approved design,Color and Shade with adhesive/bond over 3/4"thick (1:3) cement plaster i/c the cost of sealer for finishing the joints i/c cutting grinding complete in all respect as approved and directed by the Engineer Incharge. a) Full body Glazed tiles Note:If matt tile will be used, reduce composite rate by Rs. 15/- Psft.					
(iii)	(iii) 600mm x 600 mm (24"x24")	Sft	5,762.00	459.60		2,648,215.20
(iv)	(iv) 600mmx 1200 mm (24"x48")	Sft	94,878.00	510.00		48,387,780.00
Ch-10 item 35 (a)-iv	Providing and laying superb quality Porcelain glazed tiles of Master/ Stile brand or approved equivalent manufacturer, skirting/dado of specified size, Color and Shade with adhesive/ bond over 1/2"thick (1:2) cement plaster i/c the cost of and sealer for finishing the joints, cutting grinding complete in all respect as approved and directed by the Engineer Incharge. a) Full body Glazed tiles Note:If matt tile will be used, reduce composite rate by Rs. 15/- Psft.					
(iii)	(iii) 600mm x 600 mm (24"x24")	Sft	9,774.00	459.75		4,493,596.50
(iv)	(iv) 600mmx 1200 mm (24"x48")	Sft	21,752.00	510.15		11,096,782.80
Ch-10 item 57	Providing, laying and jointing Premium Quality Imported HDF Laminated Wooden Flooring (sustainable certification compliance) of approved color, shade, size and surface finish having properties of water resistance, UV resistance, stain resistance, scratch resistance, abrasion resistance complying EN 438, including the cost of edging & underlayment (min 2 mm polyethylene / EVA), etc., complete in all respect as per approved specifications and as approved by the Engineer incharge. ii 12mm thick (AC5 - cycle>6000)	Sft	9,206.00	908.65		8,365,031.90
Ch-10 item 58	Providing, fixing and jointing 4" high Low VOC MDF Laminated Wooden Skirting of approved color and shade at walls including the cost of all fixing material and labour, complete in all respect as per specifications and design approved by the Engineer incharge.	Per/Rft	366.00	257.35		94,190.10
Ch-10 item- 4-ii	Providing , fabrication and laying of customized required size and color Corian slab / Counter manufactured with approved quality acrylic polymer i/c thermal moulding, for seamless vanities / shelve i/c cost of fitting material, complete in all respect as per approved design and shape by the Engineer Incharge.					
	ii) Corian ¾" Thick (17 mm)					
	Vanities / Counters	Sft	711.00	4,507.05		3,204,512.55

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
Ch-10 item 48 (iii)	Providing and laying of specific thickness full width Prepolished Marble slab for Vanities / Shelves / Treads/Window Cills , having Uniform texture (Spotless) with adhesive bond over 3/4" thick (1:2) cement sand mortor i/c the cost of matching sealer complete in all respects as approved and directed by the Engineer Incharge					
	(i) 3/4" thick Granite					
	Windows Sills	Sft	2,157.00	1,147.25		2,474,618.25
	Thresholds	Sft	738.00	1,147.25		846,670.50
Ch-10 item 48 (iv)	(ii) 1/2" thick, Granite					
	Skirting / Riser - , etc.	Sft	125.00	958.25		119,781.25
Ch-10 item 50	Extra for Bevelling charges of marble edge in approved design complete in all respects i/c the cost of Carborandam disc as approved and directed by the Engineer Incharge.	Rft	9,639.00	39.90		384,596.10
Ch-10 item 51	Extra cost for making hole in Marble slab for fixtures, Sink, burners, basin Vanities i/c cost of bevelling of internal edge as approved and directed by the Engineer Incharge.	Each	81.00	980.70		79,436.70
Ch-10 item 53	Extra cost for making 3-Nos Grooves in Steps/Tread's complete in all respects, as approved by the Engineer incharge	Rft	9,639.00	12.10		116,631.90
Ch-10 item 42(a)	Providing and laying Tuff pavers, having 7000 PSI, crushing strength of approved manufacturer, over 2" to 3" sand cushion i/c grouting with sand in joints i/c finishing to require slope . complete in all respect. (50% Grey / 50% Coloured) a) 50-mm thick	Sft	3,774.00	188.20		710,266.80
	Surface Rendering					
CH:11 item-12(b)	Cement plaster ratio 1:3 under soffit of RCC Roof slabs only , upto 20' height. 3/8" (10 mm) thick. (ceiling plaster)	Sft	1,050.00	56.77		59,603.78
CH:11 item-9(b)	Cement plaster 1:4 on Internal walls upto 20' (6 m) height (b) 1/2" (13 mm) thick.	Sft	8,212.00	49.59		407,216.66
CH:11 item-9(c)	Cement plaster 1:4 on External walls upto 20' (6 m) height (c) 3/4" (20 mm) thick.					
9(c)	20' (6 m) height	Sft	1,025.00	66.41		68,073.33
9(c)+29	20' (6 m)-30' (9 m) height	Sft	1,050.00	73.01		76,657.88
9(c)+29x2	30' (9 m)-40' (12 m) height	Sft	1,075.00	79.60		85,572.15
9(c)+29x2	40' (12 m)-50' (15 m) height	Sft	1,085.00	86.20		93,523.20
9(c)+29x2	50' (15 m)-60' (18 m) height	Sft	1,095.00	92.79		101,606.15
CH:11 item-43	Providing and Fixing MS Diamond Wire Mesh of 24 guage (6" Wide) for horizontal and vertical joints of concrete interfacing masonry with nails, washers etc., i/c cost of all type labour and material, as shown on drawings, as per spicifications, complete in all respects, , as approved and directed by the Engineer Incharge.	Rft	1,332.50	26.55		35,377.88
CH:11 item-45	Extra For making Grooves with Providing and fixing Aluminum Trim Size: 1/2" x 1/2" in external grooves i/c cost of scaffolding fixing at any height in any floor, with screw for fixing or so directed, on exterior face of building, complete in all respect, as per Specifications, as approved by the Engineer.	Rft	250.00	67.95		16,987.50
	Wood Work					

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
Ch-12 item-5(b)-iii	Providing and fixing 1st class solid wood wrought joinery in panelled or panelled and glazed doors and windows of specified thickness with 1" thick solid wood panels with step and 1-1/2"x2-1/2" beadings all around the panels i/c the cost of Tower bolt and handles complete in all respect (Excluding the cost of sliding bolt,lock and chowkats (frame), etc.) as approved and directed by the Engineer Incharge					
b) (iii)	b) Ash wood Door (iii) 1-1/2" thick (40 mm)	Sft	8,511.00	3,287.65		27,981,189.15
Ch-12 item-57(d)	Providing and fixing ornamental wooden architrave 3" x (1½" tapered to ¼") all along the door frame complete in all respect. d) Ash Wood Architrave 1st Class	Sft	17,021.00	183.80		3,128,459.80
CH:12 item-60(b)(i)	P/F 3/4" dia heavy duty sliding bolt of specified material i/c the cost of hardware complete in all respect as approved and directed by the Engineer Incharge.B) Brass i) 10" (250 mm) long	Each	265.00	1,058.50		280,502.50
Ch-12 item-62	Providing and fixing auotomatic hydraulic operated door closer imported heavy duty complete in all respect as approved and directed by the Engineer Incharge.	Each	265.00	5,027.00		1,332,155.00
Ch-12 item-63	Providing and fixing heavy duty 3 mm thick SS Plate, die-cast metal auotomatic hydraulic operated door stopper (Concealed floor hinge) embeded in floor i/c the cost of Top pivot hinge,hardware, cutting of floor and making it good complete in all respect as approved and directed by the Engineer Incharge.	Each	265.00	9,107.00		2,413,355.00
Ch-12 item 65	Providing and fixing of Bearing Hinges of 304 grade 3mm thick S.S finish fixing with grade 13 screws of approved quality & finish, including the cost of all accessories to complete the job and as per specification, complete in all respect, as approved and directed by the Engineer Incharge.	Each	529.00	1,027.20		543,388.80
Ch-12 Item 59	Providing and fixing box type Kitchen Cabinet consisting of 3/4"thick both side Laminated MDF sheet shutter and boxes and back of 3 mm thick laminated MDF sheet i/c the cost of PVC edge binding duly hot pressed on all edges of the shutters /panels etc., with machine i/c the cost of self closing blum type hinges S.S, handles, screws, Glue and rawal plugs, locking arrangement complete in all respect as approved and directed by Engineer Incharge.					
	Lower Cabinet	Sft	769.00	1,651.30		1,269,849.70
	Upper Cabinet	Sft	629.00	1,651.30		1,038,667.70
	Painting & Varnishing					
CH:13 item-5(c)	Preparing surface and painting of doors and windows any type (including edges):-					
i)	first coat	Sft	10,173.67	19.97		203,173.21
ii) x 2	b) 2nd coat and 3rd coat	Sft	10,173.67	25.50		259,459.02
Ch-13 item-7(a)	French polishing complete:- a) on new work	Sft	5,673.67	81.98		465,149.89

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
Ch-13 item-44(i)	Preparing surface and Lacquar polish to reveal wooden grains by application of multiple coats of wood sealer , sand papering with different no of sandpapers and Lacquar to make glossy surface finish i/c the cost of cotton, thinner, wood sealer complete in all respects as approved and directed by the Engineer Incharge. (i) Matt Finish	Sft	5,673.67	270.90		1,536,996.30
CH:13 item-46	Providing and applying wall putty of 2mm thickness over plastered surfac (new surface) to prepare the surface even and smooth complete in all respect.	Sft	89,303.00	5.76		514,608.54
CH:13 item-31	Preparing surface and painting with Plastic Emulsion Paint:-					
a)	first coat	Sft	89,303.00	17.92		1,599,952.55
b) x 2	2nd and 3rd coat	Sft	89,303.00	27.91		2,492,536.03
CH:13 item-33	Providing and applying weather shield paint of approved quality on external surface of building including preparation of surface, application of primer complete in all respect: a) new surface:					
i)	1st coat	Sft	7,590.00	50.06		379,981.97
ii)	2nd coat	Sft	7,590.00	27.63		209,673.75
CH:11 item-44	Providing & applying 6 mm thick fine textured Silica Sand Coating / Colorcrete including fungus control chemicals, non-shrinkage agent, water sealant (2 Coats) formed by special protective decorative coating of approved colour & shade with trowel having top class finish over well cleaned plastered surface i/c preparation and cleaning the surface, complete in all respect as approved and directed by the Engineer Incharge.	Per/Sft	28,912.80	179.50		5,189,847.60
CH:25 item 10	Fabrication of heavy steel work, with angle, tees, flat iron round iron and sheet iron for making trusses, girders, tanks, etc., including cutting, drilling, revitting, handling, assembling and fixing, but excluding erection in position. (Steel Ladder, etc.)	Kg	6,260.00	364.02		2,278,740.16
CH:25 item 11	Erection and fitting in position iron trusses, staging of water tanks, etc.	Kg	6,260.00	15.36		96,147.34
CH:25 item-55 (2,764.35+9x6x2) =2,872.35	Providing and fixing 2 mm thick Double glazed aluminium windows of anodize / powder coated partly fixed and party sliding using deluxe section of 100mm x 40mm x2 mm using frame at bottom, (70502) at Top & Side made of Pakistan Cables/Alcop or approved equivalent manufacturer having Leaf Frame size 31mm x 60mm x2 mm (70506) at Top & Bottom, 35mm x 60mm mm (70505) at center and 35mm x 60mm x2 mm(70503) at sides , fixing one side Tinted and one side clear double glass, and air tight using double tape, chemical strips, Silicon using approved latches, wheels for channel, stopper, brush channel angle joint and hardware etc.(excluding the cost of Fly Proofing). Complete in all respect as approved and directed by the Engineer Incharge. b) 6mm thick Glass (Tempered Glass)	Sft	3,014.00	2,871.65		8,655,153.10

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Ref. No.	Description	Unit	Qty	Rate		Amount
****NEW CONSTRUCTION****						
****CIVIL WORKS****						
****MAIN BUILDING WORK****						
CH:25 Item-53	Providing and fixing Aluminum Fly screen comprising of Fiber / Aluminum wire guaze (Malasian) fixed in aluminum frame of approved manufacturer / powder coated of size 1-1/2"x1/2" and 1.6mm thick with rubber gasket i/c cost of Hardwares as approved and directed by the engineer incharge. complete in all respect.	Sft	1,507.00	538.30		811,218.10
CH:25 item 58(ii)	Providing and fixing M.S. grill fabricated with MS Square polished Vertical/horizontal Bars of specified size @ 4" c/c ' passed through punched holes in MS Patti of 1-1/4"x1/8" i/c the cost of 1-1/4"x1/8" MS patti for Frame of windows and painting 3 coat complete in all respect as approved and directed by the Engineer Incharge. (ii) 1/2" Squar Bars	Sft	3,014.00	1,180.30		3,557,424.20
CH:25 item-69	Providing and fixing 12 mm Tempered Glass Door frameless comprising of aluminium H-section (D48) at bottom, H-type S.S framless handles both side (approved), top pivot hinges, bottom concealed floor machine hinges, s.s patch fitting, D glass door lock (approved) and all the cost of using approved standard fittings, accessories etc., and hardware any required, as shown on drawings, complete in all respect as per Specifications, as approved by the Engineer.	Sft	493.00	2,184.75		1,077,081.75
CH:25 Item-56	Providing and fixing aluminium glazed partition of anodized /powder coated using section of M/s. Al-Cop/ Pakistan Cable having 2 mm thick Frame size D48-A , i/c 12 mm tinted TEMPERED glass with sand blasting and edge polishing i/c the cost of tear resistance film,rubber gasket and hardware etc. complete in all respect as approved and directed by the Engineer Incharge. (Floor hinge will be paid separately)	Per Sft	223.00	1,534.30		342,148.90
CH:25 item 72	Providing and Fixing self adhesive Frosted Paper on specified glass in any shape, design / Pattern, i/c cost of pasting, complete in all respect as per approved specifications and as approved by the Engineer incharge.	Sft	1,507.00	132.60		199,828.20
Ch-26 item 49	Providing and fixing of factory made Premium uPVC Door of ESTA, Zealcon or approved equivalent with door frame(chowkat) Comprising of 3mm (min) Wall Thickness Outer Frame 60mm X 64 mm, Leaf Sash 100mm X 60 with Reinforced 1mm GI coated rust free Steel and 20mm Panel having Grooves on Both sides, weldable TPV or EPDM Gasket including hinges, T-lock, tower bolt, handle & all hardware's and necessary fittings complete in all respect as per approved specifications and as approved by the Engineer incharge.	Sft	966.00	1,719.55		1,661,085.30
	False Ceiling					-

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
Ch-9 item 48 (iv)	Providing and fixing false ceiling comprises of Gypsum board laminated sheet of size 2'x2'/2'x3'/ 3'x3'of specified design and thickness i/c cost of fixtures i.e galvanized angle 1" x 1" at wall sides, galvanized tee 1¼" x 1"and 1 ½" x 1" both at 4' c/c (made of Taiwan CKM or equivalent), hanging with G.I/Copper wire 16 SWG, G.I hook, Rawal Plug etc: complete in all respects as approved and directed by the Engineer Incharge. iv) 12 mm thick	Sft	3,497.00	183.25		640,825.25
Ch-9 item 49-ii	Providing and fixing Gypsum Board Ceiling / Bulkhead as per ASTM standard (C 1396) using sheet in size as specified, screwed (3.5mm x 25mm) to furring channel, including 0.5mm thick G.I wall angle (25 mmx25mm) along the perimeter of the ceiling, 0.5mm thick G.I furring channels,of 35 mm x 22 mm x 22mm, with lips of 10 mm, at 600mm c/c distance, fixed to 0.8mm thick primary G.I channels of (35 mm x 10 mm x 10mm) at 1200mm c/c distance, suspended from the soffit with 6mm adjustable threaded Screws fixed with steel expansion fasteners etc. with provision of ceiling fixtures, complete in all respects and as approved by the Engineer. All joints are sealed with premium quality fiberglass tape, joint filler, including rubbing, finishing complete in all respect. ii) Gypsum Board Size4'x8'x 12-mm thick	Sft	72,341.00	221.30		16,009,063.30
Ch-9 item 53-i	Providing and fixing Wooden False Ceiling of approved design which comprising of specified Mdf / Vineer board including wooden framing / hanging system as approved and making openings, grooves i/c polishing, matching color pvc edge binding and cost of all material and labour, complete in all respect as per approved specifications and as approved by the Engineer incharge.					
	i. Low VOC Mdf Laminated Board	Sft	68,248.00	399.85		27,288,962.80
	Roofing / Waterproofing					
Ch-26 item 38 (ii)	Supplying and laying polythene sheet over D.P.C. under floors and on roofs, etc. ii) 500 gauge (.005" thick)	Sft	41,449.00	11.80		489,098.20
Ch-10 item 14-a	Cement concrete tiles laid in 1:2 cement mortar, over 3/4" (20 mm) thick bed of cement mortar 1:2:- (a) 12"x12"x1" (300 x 300 x 25 mm)	Sft	1,025.00	217.85		223,295.23
Ch-9 item 46 a-(ii)	Providing and applying torch-on plain waterproofing bitumenous membrane of specified thickness (made of Roof-Grip / Euro Bit) duly lapped/connected by heating with Torch over ps-6 primer i/c preparation/smoothen the surface complete in all respect as approved and directed by the Engineer Incharge.ii) 4 mm thick	Sft	48,481.00	132.35		6,416,460.35
Ch-9 item 45 (c)	Providing and Laying Insulation material of Extruded Polystyrene XPS in Rigid Insulation / Foam Board on roof or walls, Density 32-38Kg/M, compressive strength 250-400 kpa, R-value 5 per inch thickness and water obsorption (1% by volume, cell structure clored cell) i/c cutting and placing in position. complete in all respect. c) 2" thick	Sft	41,449.00	101.02		4,187,012.18

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
Ch-9 item 18	Plain galvanized iron sheet flashing, 22 gauge.	Sft	1,898.00	407.45		773,340.10
CH:9 item-15	Khuras on roof 2'x2'x6" (600 x 600 x 150 mm)	Each	11.00	1,240.85		13,649.35
CH:9 item-16	Bottom Khuras of brick masonry in cement mortar 1:6, 4'x2'x4½" (1200x600x113 mm) over 3" (75 mm) cement concrete 1:4:8.	Each	11.00	2,399.30		26,392.30
NON-SCHEDULED ITEM						
	Flooring					
	Provide heavy-commercial 100% wool broadloom carpet of scheduled colour and construction, stating pile mass, total thickness, backing, tuft/bond performance, dimensional stability, colourfastness, castor-chair suitability, static propensity, ASTM E648 Class I and applicable smoke performance. Include compatible 6 mm underlay, low-emitting adhesive where used, seam plan, power stretching, edge trims, subfloor moisture/flatness testing, approved room-size mock-up, protection and attic stock, complete under Section G. etc., complete in all respects, as per drawings and Specifications, as approved by The Engineer.					
	Flooring	Sft	30,509.00	1,656.00		50,522,904.00
	Skirting / Dado	Sft	13,511.00	1,656.00		22,374,216.00
	Providing and laying Pre-polished Imported Granite on flooring of approved design, color and shade, laid over 3/4" thick cement sand mortar (1:2) including setting the tiles with bond i/c filling joints with grout of matching color i/c cutting, leveling, washing and curing, complete in all respect, as shown on drawings, as per Specifications, as approved by The Engineer.					
	Flooring	Sft	32,613.00	1,938.70		63,226,823.10
	Skirting / Dado	Sft	7,716.00	1,938.70		14,959,009.20
	Providing and laying Prepolished Imported Granite of specified thickness and shade of full width of approved quality laid with adhesive bond over 3/4" thick (1:2) cement sand mortor bed complete in all respects, as per drawings and Specifications, as approved by The Engineer.					
	Tread's / Riser (Internal - Stair's Steps, Entrance Steps, Ramp's etc.)	Sft	10,988.00	1,938.70		21,302,435.60
	Riser - Step.	Sft	2,485.00	1,938.70		4,817,669.50
	Attached Walls - Step.	Sft	1,008.00	1,938.70		1,954,209.60
	Design, supply and install a complete mechanically anchored granite cladding system using scheduled stone type, finished thickness and panel sizes; engineered stainless-steel anchors and support rails; calculated gravity, wind and seismic loads; anchor pull-out tests; movement joints; cavity drainage and flashings where external; back-up waterproofing where required; edge treatment, replacement method, elevation mock-up and records. Do not fill the cavity indiscriminately with PCC or use ordinary rawl bolts as the primary support. etc., as shown on drawings, complete in all respect as approved and directed by The Engineer. LIFT-WALL	Sft	3,871.00	2,358.70		9,130,527.70
	Aluminium Work					

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Designing, fabricating, providing and fixing of Aluminum Glass Curtain Wall (double glazed) of of approved colour (anodized), which consist of (6mm glass +12mm AG fill with Argon Gas + clear 6mm glass) i/c 100 micron shatter proof film inside) curtain wall shall be four-way structural glazing and all glass should be tempered with max, Including Extruded aluminum profile floor closure with extended aluminum section, awing type top hung panel (typical every 4th curtain grid), curtain wall for all heights and all levels etc., the item includes cost of shop drawing, structure shall be design for temperature loads, wind loads and inter story drift as per BCP-2021 including all material & labour component, with complete hardware accessory, and finish, as per the architectural drawings, as specified, as per the approved shop drawings and as directed / approved by the Engineer	Sft	5,331.00	6,210.00		33,105,510.00
	Providing and fixing 12 mm thick, Tempered Glass Railing, with anti-shatter film 125-micron and 2" dia S.S hand rail with 2" wide s.s blustrade and studs for fixing glass including the cost of standard fittings etc., and any hardware required, as shown on drawings, complete in all respect as per Specifications, as approved by The Engineer.	Per Sft	1,795.00	2,349.00		4,216,455.00
	Ceiling Works					
	Providing and fixing, (NON PERFORATED ALUMINUM CLIP IN 2' x 2' CEILING TILE WITH APPROVED SUSPENSION SYSTEM), module 600 x 600 x 0.7mm with recommended adjustable suspension system i/c provision of extra framing for lights fittings a.c diffusers and around columns etc. i/c cost of all material and labour, complete in all respects, as per drawings and Specifications, as approved by The Engineer.	Sft	4,620.00	814.20		3,761,604.00
	Providing and fixing 4" thick Gypsum Board drywall partition with metal furring channel @ 2' C/C, 18 gauge, i/c 12.5mm gypsum board (confirming to ASTM 1396) on both sides and fill with insulating material (Rock wool or any other approved material) i/c cost of jointing compound, paper tape, corner angle bead, studs and tracks, as shown on drawings, as per specification, complete in all respects, and as per sample approved by The Engineer	Sft	630.00	1,050.00		661,500.00
	Provide factory-manufactured impact-resistant fabric-faced acoustic wall panels of scheduled module, thickness and edge detail, with dimensionally stable core and mounting system; minimum NRC/αw and frequency data for the proposed mounting; ASTM E84 Class A or approved equivalent for the complete panel in public/assembly areas; low-smoke and low-VOC materials; colourfast, cleanable and replaceable fabric; concealed secure fixing; coordination with doors, screens, sprinklers and services; full-size mock-up and field acoustic verification. Delete unsupported claims such as “soundproof,” “fireproof” and the obsolete generic fabric narrative. as shown on drawings, as per specification, complete in all respects, and as per sample approved by The Engineer.					
	Acoustic Walls Panels	Sft	8,983.00	6,088.80		54,695,690.40

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	Supply, fabricate and install collapsible wooden panelled door, complete with solid timber frame, wooden panels, hinges, locking arrangement, handles, all necessary ironmongery, fittings and accessories, including surface preparation, polishing/painting, fixing and finishing, as per approved drawings and specifications, complete in all respects.	Sft	213.00	6,000.00		1,278,000.00
	Wood Work					
	Providing and fixing Door Jamb Frame (Chowkat Frame) 1.5 mm Thick (16 Gauge), GI Powder Coated, Pre-Engineered & Double Cladded Frame, complete in all respects, as per drawings and Specifications, as approved by The Engineer.	Sft	8,511.00	2,625.30		22,343,928.30
	Providing and fixing Imported Mortise Lever Handle Lock (Machine, Cylinders, Lever Handles (Pair) of approved quality, design (premium series) & finish (Yale or approved equivalent) including the cost of all accessories to complete the job as shown on drawing and as per specification, complete in all respect, as approved by The Engineer. .	Each	265.00	34,231.50		9,071,347.50
	Providing and fixing External Signage of building which comprising of 2" thick S.S and 16 swg Lettering bolted to facade including 1'-9" high Letters and 1'-3" high --- Letters i/c cost of all type of labour and material to finish the job, fixing at any floor and any height, as shown on the drawings, as per specification, Complete in all respects, as approved by The Engineer					
	BUILDING LETTER . CONVENTION HALL	Job	1.00	618,750.00		618,750.00
	Providing and fixing 2'-9" high M.S Railing comprising of M.S Box pipe (2"x1"x16swg) railing welded with vertical posts of M.S Box pipe (1½"x1½"x16swg) @ 3-ft c/c or as shown on drawings with 7-nos of horizonal (1½"x1"x18swg) Box pipe fixed on vertical post as shown on drawing, i/c welding, fixing & enamel paint (3-coats), complete in all respects, as per drawings, specifications and as approved by The Engineer.	Rft	2,016.00	2,425.95		4,890,715.20
	Providing and laying Sealant (Polyurethane Sealant) in joints at any floor and any height, complete in all respects, as per drawings and Specifications, as approved by The Engineer.	Rft	1,898.00	1,586.40		3,010,987.20

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	Supply and Apply, (Polyurethane Based Coating with Fiber Reinforcement / Sikalastic 590), To supply and apply , single component, polyurethane-acrylic dispersion, resistant to water ponding, UV resistant, yellowish resistant, reflective coating, high elastic with excellent crack bridging and water vapour permeable waterproofing membrane with a solid content by weight of ~63%, tensile strength 1.7N/mm2 and elongation at break 360% as per ASTM D412 standard, behaviour after artificial weathering pass with 1000 hours UVA-340 as per ASTM G154 and Solar Reflectance Index at 100.9 (12W.m-2.K-1) in white colour as per ASTM E1980- 11; consisting of a primer coat at a rate of 0.3kg/m2 diluted with 10% water, first coat at a rate of 0.3kg/m2, once tack free applied second coat at a rate of 0.5kg/m2 then followed by Reemat Premium reinforcement or polyester fleece and sealed with a third coat at the rate of 0.5kg/m2 and finished with a forth final coat at the rate of 0.5kg/m2 onto laid to fall smooth (steel trowel) structural concrete slab; in accordance to the manufacturer's specification and recommendation., complete in all respects, as per drawings and Specifications, as approved by The Engineer.	Sft	41,449.00	524.75		21,750,362.75
	supply and apply, (Cementitious Water Proofing / Sika Top 107) , 2-part polymer modified, approved for potable water, cementitious waterproof mortar slurry with a total consumption of 4.0 kg/m2 (2.0kg/m2/coat), including forming 25x25 mm SikaGrout angle fillet, all in accordance to the manufacturer's specification and recommendations, tested and classified acc. to BS EN 1504-2:2004, complete in all respects, as per drawings and Specifications, as approved by The Engineer.	Sft	41,449.00	115.80		4,799,794.20
	Providing and laying 12-15mm thick Cementitious Polymer with primer, tile flex, acryl wt plast, and seal coat on walls in required colour & shade laid over pre- plastered surface i/c cost of all types of labour, scaffolding, applying at any height in any floor with surface preparation and cleaing of plastered surface, complete in all respect finish as shown on drawings, technical specification and as per sample approved by The Engineer.	Sft	43,369.20	453.00		19,646,247.60
	Providing and fixing of teflone sheet at dome i/c cost of all types of labour, scaffolding,fitting accessories, complete in all respect as shown on drawings, technical specification and as per sample approved by The Engineer.	Sft	43,685.20	360.00		15,726,672.00
	Providing and fixing of CNC Cut MS fittings with base framing structure i/c cost of all types of labour, paint, scaffolding,fitting accessories, complete in all respect as shown on drawings, technical specification and as per sample approved by The Engineer.	Sft	4,026.00	2,940.00		11,836,440.00
NON-SCHEDULED ITEM						

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Providing and Fixing WS-2, Room Signage, (Wall Mounted), Acrylic Sheet 8mm Thick, Flat Head Stud, Alphabet Letter Brass Material, Engraved Letter Brass color, etc. including all type of labour and material required to complete the job, as shown on drawings, as per specifications, manufacturer recommendations, as approved by The Engineer. (Size = 6" x 4")	No.	95.55	10,500.00		1,003,275.00
	Providing and Fixing WS-4, Floor Level Signage (Wall Mounted), Acrylic Sheet 8mm Thick, Holding Brass Plate, etc. including all type of labour and material required to complete the job, as shown on drawings, as per specifications, manufacturer recommendations, as approved by The Engineer. (Size = 6" x 1'-4")	No.	43.00	12,550.00		539,650.00
	Providing and Fixing WS-5, Floor Level Signage, Acrylic Sheet 8mm Thick, Flat Head Stud, Alphabet Letter Black Color Material, Engraved Letter Brass, etc. including all type of labour and material required to complete the job, as shown on drawings, as per specifications, manufacturer recommendations, as approved by The Engineer. (Size = 6" x 1'-4")	No.	2.00	15,500.00		31,000.00
	Providing and Fixing DS-1, Signage (Door Mounted), Brass Plate CNC Cut, Alphabet Letter See Troogh etc, including all type of labour and material required to complete the job, as shown on drawings, as per specifications, manufacturer recommendations, as approved by The Engineer. (Size = 6" x 6")	No.	29.00	22,550.00		653,950.00
	Providing and Fixing FS-2, Signage (Door Mounted), Brass Plate CNC Cut, Alphabet Letter See Troogh etc, including all type of labour and material required to complete the job, as shown on drawings, as per specifications, manufacturer recommendations, as approved by The Engineer. (Size = 6" x 1'-4")	No.	9.00	22,550.00		202,950.00
	Providing and Fixing CS-1, Over Head Signage Type-B (Ceiling Mounted), Acrylic Sheet 8mm Thick, Hanging system with Brass Rod, Alphabet Letter Brass, etc. including all type of labour and material required to complete the job, as shown on drawings, as per specifications, manufacturer recommendations, as approved by The Engineer. (Size = 6" x 3')	No.	8.00	27,500.00		220,000.00
	Providing and Fixing CS-1, Over Head Signage Type-c (Ceiling Mounted), Acrylic Sheet 8mm Thick, Hanging system with Brass Rod, Alphabet Letter Brass, etc. including all type of labour and material required to complete the job, as shown on drawings, as per specifications, manufacturer recommendations, as approved by The Engineer.	No.	8.00	35,250.00		282,000.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Providing and Fixing. Free Standing Signage Display), Acrylic Sheet 8mm Thick, MDF Sheet, Flat Head Stud Brass Color, Engraved Alphabet Letter Brass, etc. including all type of labour and material required to complete the job, as shown on drawings, as per specifications, manufacturer recommendations, as approved by The Engineer. (Size = 5' x 2'-6")	No.	14.00	150,000.00		2,100,000.00
	FIXED FURNITURE					
	Providing, Making and fixing ; FEATURE WALL DETAIL, and Refer drawing,)(NICEE-ISD-TD-03-,A-726) which includes all hardware's and necessary fittings as shown or required for complete finish of work, complete in all respects as per Specifications, as shown on drawing and as approved by The Engineer.	Sft	4,510.00	6,300.00		28,413,000.00
	Providing, Making and fixing ; FEATURE WALL DETAIL, and Refer drawing,)(NICEE-ISD-TD-03-,A-724) which includes all hardware's and necessary fittings as shown or required for complete finish of work, complete in all respects as per Specifications, as shown on drawing and as approved by The Engineer.	Sft	586.00	3,900.00		2,285,400.00
	Providing, Making and fixing , MEDIA WALL DETAIL, and Refer drawing,)(NICEE-ISD-TD-03-,A-719) which includes all hardware's and necessary fittings as shown or required for complete finish of work, complete in all respects as per Specifications, as shown on drawing and as approved by The Engineer.	Sft	661.00	2,940.00		1,943,340.00
	Providing, Making and fixing , MEDIA WALL DETAIL, and Refer drawing,)(NICEE-ISD-TD-03-,A-721) which includes all hardware's and necessary fittings as shown or required for complete finish of work, complete in all respects as per Specifications, as shown on drawing and as approved by The Engineer.	Sft	322.00	3,900.00		1,255,800.00
	Providing, Making and fixing ; FEATURE WALL DETAIL, and Refer drawing,)(NICEE-ISD-TD-03-,A-726) which includes all hardware's and necessary fittings as shown or required for complete finish of work, complete in all respects as per Specifications, as shown on drawing and as approved by The Engineer.	Sft	568.00	3,900.00		2,215,200.00
	Providing, Making and fixing ; GOV. MEDIA - FEATURE WALL DETAIL, and Refer drawing), (JCC-ISD-OB-03-,A-729), Beige Marble, Wall on Galass, HDX Panel, Deco Paint, 2" Poly Styrine Wall Moulding etc, which includes all hardware's and necessary fittings as shown or required for complete finish of work, complete in all respects as per Specifications, as shown on drawing and as approved by The Engineer.	Sft	1,283.00	3,900.00		5,003,700.00
	Providing, Making and fixing ; OFFICE & VIP SECTION - FEATURE WALL DETAIL, and Refer drawing), (JCC-ISD-OB-03-,A-726), UV Sheet wooden Texture, Black Tinded Glass, Grey Marble, HDX Panel, Wall on Glass, 12mm Tinted Glass, Solid Wodd etc, which includes all hardware's and necessary fittings as shown or required for complete finish of work, complete in all respects as per Specifications, as shown on drawing and as approved by The Engineer.	Sft	6,555.00	3,900.00		25,564,500.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Providing, Making and fixing ; LOUNGE - FEATURE WALL DETAIL, and Refer drawing), (JCC-ISD-OB-03-,A-720), 8mm Tinted Black Glass, HDX, Wood Vaneer, Beige Marble, Deco, UV Sheet, Beige Console etc, which includes all hardware's and necessary fittings as shown or required for complete finish of work, complete in all respects as per Specifications, as shown on drawing and as approved by The Engineer.	Sft	2,555.00	3,900.00		9,964,500.00
	Providing, Making and fixing ; MEDIA WALL DETAIL, and Refer drawing), (JCC-ISD-OB-03-,A-740), Fabric, Wood Vaneer, Traver Tine, etc, which includes all hardware's and necessary fittings as shown or required for complete finish of work, complete in all respects as per Specifications, as shown on drawing and as approved by The Engineer.	Sft	8,169.00	3,900.00		31,859,100.00
	Providing, Making and fixing ; MAIN ENT. LOBBY - FEATURE WALL DETAIL, and Refer drawing), (JCC-ISD-OB-03-,A-741), MS Sheet CNC, Deco, Acrylic, Glass, MS Rod, etc, which includes all hardware's and necessary fittings as shown or required for complete finish of work, complete in all respects as per Specifications, as shown on drawing and as approved by The Engineer.	Sft	13,134.00	6,300.00		82,744,200.00
	Providing, Making and fixing ; BACK ENTRANCE. LOBBY - FEATURE WALL DETAIL, and Refer drawing), (JCC-ISD-OB-03-,A-736), Wood Moulding Panel, Wood Vaneer Cladding, Deco, Marble Book, etc, which includes all hardware's and necessary fittings as shown or required for complete finish of work, complete in all respects as per Specifications, as shown on drawing and as approved by The Engineer.	Sft	2,088.00	6,300.00		13,154,400.00
	Providing, Making and fixing ; BACKUP SECURITY ROOM - FEATURE WALL DETAIL, and Refer drawing), (JCC-ISD-OB-03-,A-733), UV Texture Sheet, HDX Panel, Deco, Wall on Glass, 2" Poly Styrine Wall Moulding, etc, which includes all hardware's and necessary fittings as shown or required for complete finish of work, complete in all respects as per Specifications, as shown on drawing and as approved by The Engineer.	Sft	1,916.00	6,300.00		12,070,800.00
	Providing, Making and fixing ; FALLCEILING DETAIL, and Refer drawing), (JCC-ISD-OB-03-,A-744), M.S CNC Cut Jali, Wooden Frame, Gypsum Ceiling. etc, which includes all hardware's and necessary fittings as shown or required for complete finish of work, complete in all respects as per Specifications, as shown on drawing and as approved by The Engineer.	Sft	2,031.00	6,300.00		12,795,300.00
	SCHEDULE ITEM					
	ELECTRICAL WORKS					
	Conduits & Pipes					
24/3	Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials.					
a)	Recessed in walls i/c making jharries					
iii	25 mm i/d	Per Rft.	178,150.00	140.15		24,967,722.50
iv	32 mm i/d	Per Rft.	480.00	167.10		80,208.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
v	40 mm i/d	Per Rft.	1,496.00	197.05		294,786.80
vi	50 mm i/d	Per Rft.	270.00	241.95		65,326.50
vii	80 mm i/d	Per Rft.	200.00	304.95		60,990.00
viii	100 mm i/d	Per Rft.	192.00	385.55		74,025.60
b)	On Surface i/c clamps					
iii	25 mm i/d	Per Rft.	1,430.00	86.05		123,051.50
	Conduit For Earthing Conductor					
24/3	Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials.					
vi	50 mm i/d	Per Rft.	6,816.00	241.95		1,649,131.20
23/14	Providing, laying, cutting, jointing, testing and disinfecting PVC/ uPVC pipe line with working pressure pipe, in trenches, including specials (PS-3051=BS-3505), complete in all respects:-					
	Class-B (6 bar)					
b)	4" i/d (100 mm)	Rft.	55.00	503.85		27,711.75
d)	6" i/d (150 mm)	Rft.	6,216.00	976.25		6,068,370.00
23/14	Providing, laying, cutting, jointing, testing and disinfecting PVC/ uPVC pipe line with working pressure pipe, in trenches, including specials (PS-3051=BS-3505), complete in all respects:-					
b)	Class-D (12 bar)					
a)	2" i/d (50 mm)	Rft.	1,500.00	243.10		364,650.00
c)	4" i/d (100 mm)	Per Rft	500.00	856.25		428,125.00
e)	6" i/d (150 mm)	Per Rft	500.00	1,835.70		917,850.00
24/4	Supply and erection of G.I. flexible pipe for wiring, including welding of sockets, nipples and check nuts, etc. complete:-					
iii	25 mm i/d	Per Rft.	672.00	283.30		190,377.60
iv	32 mm i/d	Per Rft.	250.00	329.80		82,450.00
v	40 mm i/d	Per Rft.	280.00	384.10		107,548.00
vi	50 mm i/d	Per Rft.	510.00	454.30		231,693.00
vii	80 mm i/d	Per Rft.	270.00	670.00		180,900.00
24/5	Supply and erection of PVC. flexible pipe for wiring, including check nuts, etc. complete:-					
i	20 mm	Per Rft.	264.00	48.95		12,922.80
ii	25 mm	Per Rft.	7,215.00	65.00		468,975.00
	Wiring Cables					
24/8	Supply and erection of single core PVC insulated copper conductor cables, in prelaid PVC pipe/M.S. conduit/G.I pipe/wooden strip batten/wooden casing an capping/G.I. wire/trenches (rate for cables only):-					
c)	450/750 volts, PVC insulated:					
ii)	1.5 mm sq (3/0.029")	Per Rft.	6,500.00	42.75		277,875.00
iii)	2.5 mm sq (7/0.029")	Per Rft.	81,560.00	63.10		5,146,436.00
iv)	4 mm sq (7/0.036")	Per Rft.	51,650.00	83.40		4,307,610.00
v)	6 mm sq (7/0.044")	Per Rft.	34,652.00	115.40		3,998,840.80
vi)	10 mm sq (7/0.052")	Per Rft.	9,523.00	182.30		1,736,042.90
vii)	16 mm sq (7/0.064")	Per Rft.	8,521.00	274.60		2,339,866.60
viii)	25 mm sq (19/0.052")	Per Rft.	65.00	362.60		23,569.00
ix)	35 mm sq (19/0.064")	Per Rft.	754.00	489.60		369,158.40
x)	50 mm sq (19/0.072")	Per Rft.	755.00	655.90		495,204.50
xi)	70 mm sq (19/0.083")	Per Rft.	545.00	932.85		508,403.25
xii)	95 mm sq (37/0.072")	Per Rft.	65.00	1,252.25		81,396.25
xiii)	120 mm sq (37/0.083")	Per Rft.	1,788.00	1,480.20		2,646,597.60
xiv)	150 mm sq (37/0.093")	Per Rft.	1,336.00	1,821.90		2,434,058.40
xv)	185 mm sq (37/0.103")	Per Rft.	2,847.00	2,276.30		6,480,626.10
xvi)	240 mm sq (37/0.114")	Per Rft.	1,792.00	2,948.00		5,282,816.00
24/11	Supply and erection of PVC insulated, PVC sheathed copper conductor cables for service connection, in prelaid pipe/G.I. wire/trenches, etc. (rate for cable only).					

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	c) Four core, 600/1000 volt non armoured cable:-					
vi)	10 mm (7/0.052")	Per Rft.	620.00	621.90		385,578.00
24/12	Supply and erection of XLPE insulated, PVC sheathed copper conductor, 600/1000 volts grade cable, in prelaid G.I. pipe/M.S. conduits/PVC pipe/G.I. wire/trenches, etc (rate for cable only):-					
	a) Single core (Non-armoured)					
xiii)	240 mm sq (37/0.114")	Per Rft.	2,950.00	3,274.50		9,659,775.00
xiv)	300 mm sq (61/0.099")	Per Rft.	4,690.00	4,042.05		18,957,214.50
xv)	400 mm sq (61/0.114")	Per Rft.	3,169.00	5,206.20		16,498,447.80
	b) Four Core (Non-armoured)					
iii)	6 mm (7/0.044")	Per Rft.	8,520.00	428.40		3,649,968.00
iv)	10 mm (7/0.052")	Per Rft.	19,650.00	677.55		13,313,857.50
v)	16 mm sq (7/0.064")	Per Rft.	7,565.00	1,069.40		8,090,011.00
vi)	25 mm (19/0.052")	Per Rft.	2,150.00	1,394.40		2,997,960.00
vii)	35 mm sq (19/0.064")	Per Rft.	1,910.00	1,900.40		3,629,764.00
viii)	50 mm sq (19/0.072")	Per Rft.	65.00	2,549.05		165,688.25
ix)	70 mm sq (19/0.083")	Per Rft.	50.00	3,667.25		183,362.50
x)	95 mm sq (37/0.072")	Per Rft.	215.00	5,045.80		1,084,847.00
xi)	120 mm sq (37/0.083")	Per Rft.	540.00	6,348.60		3,428,244.00
xii)	150 mm sq (37/0.093")	Per Rft.	65.00	6,945.65		451,467.25
xiii)	185 mm sq (37/0.103")	Per Rft.	65.00	7,815.65		508,017.25
xiv)	240 mm sq (37/0.114")	Per Rft.	351.00	12,805.90		4,494,870.90
xv)	300 mm sq (61/0.099")	Per Rft.	547.00	16,029.05		8,767,890.35
24/76	Supply and erection of electric energy meter, including meter testing fee, etc.					
b)	three phase, 4 wires:					
iii)	3x80 Amp, 400 volts	Each	8.00	21,098.45		168,787.60
	LV Switchgears					
24/85	Supplying, Installation and commissioning of MCB (Miniature Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / SIEMEN GERMAN/ TERASAKI JAPAN/ ABB SWITZERLAND in prelaid DBs and Panels i/c the cost of screwes,necessary wire complete in all respect as approved and directed by the Engineer Incharge					
a)-ii	Single Pole 6-40 Amp (6 KA)	Each	21.00	1,177.80		24,733.80
a)-iii	Single Pole 6-63 Amp (10 KA)	Each	867.00	1,459.05		1,264,996.35
b)-iii	Double Pole 6-63 Amp (10 KA)	Each	9.00	5,621.55		50,593.95
c)-iii	Triple Pole 6-63 Amp (10 KA)	Each	4.00	8,938.60		35,754.40
24/86	Supplying ,Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/ SIEMEN/ ABB SWITZERLAND (with fixed Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.					
a)-ii	Triple Pole 15-100 Amp (10 KA,15KA)	Each	8.00	11,835.45		94,683.60
a)-iii	Triple Pole 15-100 Amp(18 KA)	Each	4.00	12,172.95		48,691.80
a)-iv	Triple Pole 125-250 Amp(18 KA)	Each	2.00	25,166.70		50,333.40
24/87	Supplying, Installation and commissioning of MCCB (Moulded Case Circuit Breaker) of specified rating made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/ABB SWITZERL(with adjustable Thermal-Magnetic Trip) in prelaid DBs and Panels i/c the cost of screws, necessary wire complete in all respect as approved and directed by the Engineer Incharge.					

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
a)	Triple Pole With Adjustable Thermal-Magnetic Trip /Electronic Trip (60-100%)					
i)	25-100 Amp(25 KA)	Each	120.00	14,916.00		1,789,920.00
ii)	125-400 Amp(25 KA)	Each	51.00	56,466.75		2,879,804.25
vi)	300-1000 Amp(36 KA)	Each	4.00	151,941.00		607,764.00
24/89	P/F 17.5 KV, (VCB) Vacuum Circuit Breaker of specified current rating & breaking capacity, draw out type (DOT), operating voltages 11KV, made of LEGRAND FRANCE/ GE U.S.A / SCHNEIDER GERMANY / TERASAKI JAPAN/ABB SWITZERL or as approved by WAPDA/ Local Power Distribution Authority/ NTDC, with closing/ opening coil 100-130 V AC/DC, Motor mechanism 220 VAC, in prelaid Panels i/c the cost of protection relays, screws necessary wire complete in all respect as approved and directed by the Engineer Incharge.					
a)	630 Amp 25KA	Each	7.00	2,312,950.30		16,190,652.10
24/90	P/F wall mounted DB (Distribution Board) made with 16SWG Sheet (Recessed/Surface mounted Type), Powder coated Paint, i/c the cost of Lock, Indication lights, Thimble, Copper Comb, Wiring, Neutral & Earth Bar, Door Earthing, Digital Voltmeter, Digital Ammeter, Volt Selector Switch, Ammeter selector switch, Current Transformers and Controls Complete in all respect as approved and directed by the Engineer Incharge (Breakers will be Paid Separately).					
a i)	6" deep 20~60A	P.Cft	138.00	24,283.05		3,351,060.90
a ii)	6" deep 75~100A	P.Cft	24.00	18,641.05		447,385.20
b i)	12" deep 125~150A	P.Cft	160.00	7,011.65		1,121,864.00
24/91	P/F floor mounted Electric Panel board of required depth and size, fabricated with 14SWG M.S sheet (Indoor/Outdoor Type),derusting, zinc Phosphated, finish with electro static powder coating in approved colour i/c the cost of capacitor trip unit over current, Lock, Indication lights, Brass glands, Netural & Earth bar, Digital volt meter/ Amp meter, Selector switch's, Current Transformers, Controls, Channels, Copper bus bars of specified capacity ,Door Earthing, complete in all respects as approved and directed by the Engineer Incharge (Breakers will be Paid Separately).					
	1. LT Switchboards					
i)	2.5 Ft deep 250~600A	P.Cft	825.00	4,772.65		3,937,436.25
24/91	2. HT Switchboards (Industrial/metering panel, Grid end/ consumer panels, transformer protection panels & pad mounted ring main unit) As per WAPDA standard.					
a)-i	3.00 Ft deep 630~2500A	P.Cft	784.00	6,498.85		5,095,098.40

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
24/93	P/F PFI PLANT (Power Factor Improvement Plant) comprising of the Engineer Incharge. (Breakers will be paid additionally) components of required ratings, in MS box of 14 SWG i/c the cost of 3mm thick Backlite sheet (Safety Sheet) Lock, thimbles, power capacitors, Magnetic contactors, HRC fuses, Power factor controllers, Indication lights, Copper comb, Wiring, Netural & Earth bar, Door earthing, brass glands, push buttons, CTS, Controle MCB, Surge Suppressors, Auto/Manual Switches, Exhaust Fan, Temp regulators as per WAPDA standards complete in all respects as approved and directed by the Engineer Incharge.					
viii)	600KVAr	Each	1.00	1,545,886.25		1,545,886.25
ix)	800KVAr	Each	1.00	1,794,286.25		1,794,286.25
	Compact Copper Busway (Bus Tie Duct B.T.D)					
24/95	Suplying,Installation,testing and commissioning of 415-Volt ,5 Pole (TP+N+E) compact Copper Busway (Bus Tie Duct B.T.D) of specified size/rating comprising of 10 mm thick sandwich copper Bus bars, insulated with non-flammable/flame resistant resin applied at 130 OC by Automatic Electro-static application with Mayler Class-B, housed in Aluminum Housing i/c the cost of hangers, accessories, enclosures IP55, IEC 61439-1,complete in all respect, spaced to a minimum reducing reactance as approved & directed by the Engineer Incharge.					
viii)	2500 Amp	P.Rft	100.00	114,325.00		11,432,500.00
x)	3600 Amp	P.Rft	100.00	151,071.00		15,107,100.00
xi)	4000 Amp	P.Rft	50.00	166,533.00		8,326,650.00
24/96	Suplying,Installation,testing and commissioning of 415-Volt ,5 Pole (TP+N+E) compact joint modules for Copper Busway (Bus Tie Duct B.T.D) of specified size/rating comprising of 10 mm thick copper Bus bars, insulated with non-flammable/flame resistant resin applied at 130 OC by Automatic Electro-static application/with epoxy coated insulation with Mayler Class-B, housed in Aluminum Housing i/c the cost of, accessories, enclosures IP55, IEC 61439-1, complete in all respect, as approved & directed by the Engineer Incharge.					-
	a) Flange End					-
iv)	2500-3200 Amp	Each	4.00	92,972.50		371,890.00
v)	4000 Amp	Each	4.00	119,618.05		478,472.20
	b) Elbow 90 degree					-
iv)	2500-3200 Amp	Each	12.00	103,470.50		1,241,646.00
v)	4000-6300 Amp	Each	12.00	140,633.75		1,687,605.00
	d) Flexible Connector					
iv)	2500-3200 Amp	Each	2.00	456,429.00		912,858.00
ii)	4000-4250 Amp	Each	2.00	607,738.20		1,215,476.40
	e) 4 pole TAP OFF Units i/c the cost of, circuit breakers					
i)	400 Amp (50 KA)	Each	12.00	373,855.95		4,486,271.40
ii)	630-800 Amp (50 KA)	Each	12.00	652,089.55		7,825,074.60
iii)	1000-1250 Amp (50 KA)	Each	12.00	760,510.45		9,126,125.40
iv)	1600-2000 Amp (50 KA)	Each	12.00	1,031,510.80		12,378,129.60
	Cable Tray & Ladder					

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
24/97	Providing and fixing specified deep cable tray with straight flange fabricated with perforated G.I. Sheet of specified Guage, size and depth duly wall supported/ceiling hung on painted brackets of MS angle iron of 1"x1"x1/8" and MS Patti of 1-1/2"x3/16" size @ 5 ft C/C, hangers i/c the cost of hardwares as approved and directed by the Engineer Incharge.					
	a) 16SWG					
	3" deep					
ii)	6"x3"	Per Rft.	250.00	663.15		165,787.50
24/98	Providing and fixing 4" deep cable tray with straight flange fabricated with perforated G.I. Sheet of specified Guage, size and depth duly wall supported/ceiling hung, supported on painted brackets of MS angle iron of 1-1/2"x1-1/2"x3/16" and MS Patti of 1-1/2"x3/16" size @ 5 ft C/C, hangers i/c the cost of hardwares as approved and directed by the Engineer In charge.					
	a) 16SWG					
i)	4"x4"	Per Rft.	650.00	672.40		437,060.00
ii)	9"x4"	Per Rft.	750.00	929.55		697,162.50
24/99	Providing and fixing cable tray with straight flange fabricated with perforated G.I. Sheet of specified Guage, size and depth duly supported on painted brackets of MS angle iron of 1-1/2"x1-1/2"x3/16" and MS Patti of 1-1/2"x3/16" size @ 3 ft C/C, hangers i/c the cost of hardwares as approved and directed by the Engineer In charge					
	a) 14SWG					-
i)	12"x4"	Per Rft.	328.00	1,307.35		428,810.80
iii)	16"x4"	Per Rft.	710.00	1,471.10		1,044,481.00
iv)	20"x4"	Per Rft.	1,816.00	1,711.80		3,108,628.80
v)	24"x4"	Per Rft.	745.00	1,753.45		1,306,320.25
viii)	35"x4"	Per Rft.	110.00	2,436.90		268,059.00
24/100	Providing and fixing screwless cable tray cover fabricated with 18 SWG G.I. Sheet of required size i/c the cost of hardware as approved and directed by the Engineer In charge.					
ii)	4" wide	Per Rft.	650.00	117.95		76,667.50
v)	10" wide	Per Rft.	1,000.00	223.80		223,800.00
vi)	12" wide	Per Rft.	328.00	253.95		83,295.60
vii)	16" wide	Per Rft.	710.00	318.00		225,780.00
viii)	20" wide	Per Rft.	1,816.00	380.20		690,443.20
ix)	24" wide	Per Rft.	745.00	455.90		339,645.50
xii)	35" wide	Per Rft.	110.00	975.75		107,332.50
24/101	Providing and fixing hot dipped Galvanized Cable Ladder fabricated with side channels of specified size and guage duly fixed with rungs of 35x15 mm run @ 10"C/C i/c the cost of coupler plates (1-1/4"x8") and hardwares as approved and directed by the Engineer In charge.					
	III-Side Channel (4"x1/2")					
	f) 14SWG					
v)	18"x4"	Per Rft.	110.00	666.50		73,315.00
vi)	24"x4"	Per Rft.	160.00	701.15		112,184.00
	Exhaust Fans					
24/102	Providing and fixing Copper winded Exhaust fan with louver and shutter made of Pak/Younas/G.F.C. i/c the cost of necessary cable and hardware for connection from ceiling rose complete as approved and directed by Engineer Incharge.					
	(a) Plastic body					

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
ii)	12" dia	Each	30.00	5,685.50		170,565.00
	Bracket Fans					
24/103	Providing and fixing Pakistan Energy Label NEECA approved Copper winded wall bracket Fan i/c the cost of necessary cable and hardware for connection as approved and directed by Engineer Incharge.					
i)	18" sweep	Each	20.00	6,861.15		137,223.00
	Ceiling Fans					
24/104	Providing and fixing Pakistan Energy Label NEECA approved Copper winded Ceiling Fan i/c the cost of necessary cable and hardware for connection as approved and directed by Engineer Incharge.					
iii)	56" dia	Each	20.00	10,180.20		203,604.00
	Wiring Accessories					
24/105	P/F PVC double layer Switch kit Faceplate with specified switch holes i/c the cost of switches / sockets / dimmer made of Legrand/ ABB / Schneider or approved equivalent manufacturer, screws complete in all respect, as approved and directed by the Engineer In charge.					
a)	One way Gange Switch Small					
i)	01 Gange	Each	135.00	463.20		62,532.00
ii)	02 Gange	Each	169.00	704.40		119,043.60
iii)	03 Gange	Each	170.00	888.00		150,960.00
iv)	Three pin Light Plug 10/13 Amp	Each	878.00	754.45		662,407.10
vi)	Fan Dimmer	Each	2.00	740.60		1,481.20
viii)	Three Pin Power Plug 15-32 Amp	Each	164.00	924.55		151,626.20
ix)	20 A Double Pole Switch.	Each	10.00	2,660.10		26,601.00
b)	One way Gange Switch Large					-
i)	04 Gange	Each	172.00	981.25		168,775.00
ii)	05 Gange	Each	65.00	1,151.35		74,837.75
iii)	06 Gange	Each	55.00	1,405.85		77,321.75
c)	Two way Gange Switch Small					-
i)	01 Gange One way/Two Way	Each	29.00	499.90		14,497.10
ii)	02 Gange One way/Two Way	Each	23.00	775.85		17,844.55
d)	Industrial Socket IP-65 with maching plug.					
	1) Three pin, single phase					
ii)	32A	Each	66.00	3,243.10		214,044.60
iii)	63A	Each	12.00	13,614.70		163,376.40
	2) Five pin, Three Phase					
ii)	32A	Each	2.00	3,497.35		6,994.70
iii)	63A	Each	2.00	15,179.35		30,358.70
	3) Three pin, Single Phase Plug					
ii)	32A	Each	66.00	2,279.65		150,456.90
iii)	63A	Each	12.00	8,651.65		103,819.80
	4) Five pin, Three Phase Plug					
ii)	32A	Each	2.00	2,457.25		4,914.50
iii)	63A	Each	2.00	9,359.65		18,719.30
24/106	Supply, installation, testing & commissioning of 16 SWG Sheet Steel powder coated back Boxes with earth terminal, recessed in wall, including accessories, , complete in all respect as per specifications and s approved by Engineer In charge.					
i)	Small 3"x3"	Each	1,310.00	438.80		574,828.00
ii)	Large 6"x3"	Each	374.00	702.80		262,847.20
24/109	Providing and fixing of Isolators indoor/Outdoor Type, in polycarbonate enclosure (Legrand/ ABB/ Schneider or approved equivalent with Phase, neutral and earth terminal strips, cable glands, lugs including all mounting accessories as per specification. complete in all respect.					
a)	SPN					
iii)	25A	Each	10.00	4,686.80		46,868.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
b)	TPN					-
iii)	25A	Each	8.00	5,858.50		46,868.00
iv)	32A	Each	12.00	6,157.75		73,893.00
v)	40A	Each	5.00	6,382.75		31,913.75
vi)	63A	Each	21.00	10,283.15		215,946.15
vii)	100A	Each	2.00	49,183.60		98,367.20
viii)	125A	Each	1.00	89,409.50		89,409.50
x)	200A	Each	1.00	184,059.15		184,059.15
xii)	300A	Each	1.00	540,692.00		540,692.00
xiii)	400A	Each	1.00	767,104.90		767,104.90
xiv))	500A	Each	1.00	805,426.90		805,426.90
xv)	630A	Each	1.00	843,748.90		843,748.90
xvi)	800A	Each	1.00	920,659.80		920,659.80
	Floor Outlet Box					
24/116	Supplying and fixing of floor outlet box 12"x12" of 16 SWG powder coated, complete in all respect as directed by the Engineer Incharge.	No.	35.00	6,092.00		213,220.00
	Earthing Conductor					
24/120	Supply, installation, testing & commissioning of complete grounding system.					
vii)	50 mm² CU bare conductor	Per Rft.	210.00	614.60		129,066.00
viii)	70 mm² CU bare conductor	Per Rft.	180.00	873.45		157,221.00
ix)	95 mm² CU bare conductor	Per Rft.	1,070.00	1,206.95		1,291,436.50
	Smart Energy Meter Cabling					
24/174	Supply, Installation and commissioning of wiring for Signals RS 485, Shielded Copper Cable , in prelaid conduit . Make 3M / Belden, or equivalent as approved and directed by the Engineer Incharges.	Per Rft.	2,210.00	80.70		178,347.00
24/123	Supply, Installation and commissioning of wiring with 4-pair data Cable,23 AWG support 1 Giga @ 250 Mhz upto 100 meter UL/EN listed cable conforming IEEE 802.3 or equivalent, in prelaid conduit / cable tray from including all accessories, Make: Schneider / i-connect UK/3M Corning USA, complete in all respect as approved and directed by Engineer Incharge.					
	23 AWG UTP (Unshielded Twisted pair)					
a (i)	CAT-6 (Min.1G @ 250MHz or higher)	Per Rft.	2,450.00	49.20		120,540.00
24/175	Supply, Installation and commissioning of wiring with specified Fire Resistant Shielded Cable (Fire Rating for 2 hours) of required size from respective DB to Fire Alarm FACP (Fire Alarm Controle Panel) in prelaid conduit/duct. Make Pony / Belden/ Covican (Italy) or equilvent as approved and directed by the Engineer Incharge.					
i)	2C,1.5 mm sq	Per Rft.	3,510.00	134.70		472,797.00
NON-SCHEDULE ITEM						
	Lighting Fixtures					
	Supply, installation, testing & commissioning of following LED Light fixtures complete with Electronic ballast (unless mention otherwise), lamps, lamp holders, Earth Protection and mounting accessories etc., as per specification, complete in all respects, as per drawings and Technical Specification "Section-E-6 Lighting Fixtures", complete in all respect. Lighting fixtures sample must be submitted to consultant for approval. PF> 0.9, CRI>80, Light Color 2500K to 5000K as Approved by The Engineer/Architect. Operating Life 50,000hrs, IEC Certified. Note: Refer light fixtures drawings/Schedule for complete light fixtures details.					

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	SMART LED Lighting panel recessed type (2'x2') 36 watt	Each	20.00	14,039.00		280,780.00
	Smart LED suspended/ batten fitting 36 Watt	Each	20.00	17,112.00		342,240.00
	Decorative smart LED hanging suspended fitting 36 IP67/65, 110 Lumens/watt.	Each	20.00	23,235.00		464,700.00
	LED Linear lighting panel recessed type (4"x4') 36 watt, 110 Lumens/watt.	Each	75.00	30,162.00		2,262,150.00
	SMART LED down light recessed type 18 watt	Each	50.00	7,259.00		362,950.00
	SMART LED down light surface type 18 watt	Each	10.00	7,259.00		72,590.00
	Smart LED Wall Mount Roof External 24 WATT IP 66 / 65	Each	25.00	24,942.00		623,550.00
	Customized design recessed LED linear light with aluminum profile for ceiling 10/30 watt.	Per Rft.	1,500.00	3,077.00		4,615,500.00
	Bath Mirror fancy Bath light 20 watt.	Each	50.00	9,282.00		464,100.00
	Photo Frame light/Picture Light 5-10 watt.	Each	40.00	10,653.00		426,120.00
	LED Flood Light 50 Watt (IP67/ 65) efficiency 125 Lumens/watt.	Each	20.00	9,674.00		193,480.00
	LED light 5 Watt for Tree / Planter IP 67 / 65	Each	20.00	12,610.00		252,200.00
	Wall Washer Up/Down Light 20 Watt IP 65.	No.	150.00	35,382.00		5,307,300.00
	Stairs Step light 3W/5W LED Light Fixture IP-66	No.	100.00	7,586.00		758,600.00
	LED Up light GROUND flushed 15 WATT IP 65.	No.	40.00	22,332.00		893,280.00
	Chandelier (As Per Vendor/Architect)(Basic Rate = 150,000/-)	Each	15.00	196,664.00		2,949,960.00
	LED Wall bracket light 14 WATT.	Each	100.00	13,197.00		1,319,700.00
	LED hanging Ringo light fixture 20 watt.	Each	10.00	85,994.00		859,940.00
	Surface/Pendant mounted LED High Bay light type 100 watt	Each	50.00	22,342.00		1,117,100.00
	Surface/Pendant mounted LED High Bay light type 150 watt	Each	10.00	25,001.00		250,010.00
	Track light with 3 x 12 watt LED.	Each	150.00	27,096.00		4,064,400.00
	LED double COB ceiling light 20-30 watt each.	Each	550.00	17,112.00		9,411,600.00
	Supply, installation, testing and commissioning of LED flexible rope/strip light, rated at 5 Watts per meter, enclosed in a UV-resistant silicone tube with minimum IP22 ingress protection, complete with required LED drivers, connectors, end caps, mounting accessories, and continuous aluminum/metal backing support strip for straight-line installation, including all necessary accessories and associated works, complete in all respects and as required for proper operation.	Per Rft.	2,500.00	1,431.00		3,577,500.00
	Supply, installation, testing and commissioning of 150W LED Focus Light, including water proof junction box IP-688 complete with minimum IP65/IP67 protection, 3000K warm white colour temperature, suitable for outdoor architectural, façade, landscape and feature lighting applications, with high-efficiency LED source, integral LED driver, corrosion-resistant die-cast aluminum housing, tempered toughened glass front cover, narrow/medium beam optical lens, adjustable mounting bracket, complete with cable gland, connectors, fixing accessories and all necessary accessories, as required for a complete and operational installation.	No.	40.00	29,575.00		1,183,000.00
	Self Contained Emergency Light					

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Supply installation, connecting, testing & commissioning up of following: NON maintained (3hrs) type rechargeable battery operated Emergency lighting fixtures including all required suspension and mounting accessories with self adhesive pictograms as follows complete with ballast, starter p.f.i capacitor and specified lamps, as per specification, complete in all respects, as per drawings and specification, complete in all respect. IEC certified, UL listed Warranty: 50000 operating life hrs.					
	Self contained recessed ceiling / wall mounted Emergency LED light fixture rectangular/ round shape (non maintained) with 1x5W or 1x8W LED 3 hours battery backup.	Each	92.00	23,702.00		2,180,584.00
	Exit Lighting					
	Supply installation, connecting, testing & commissioning up of following: maintained (3hrs) type rechargeable Nicad battery operated Exit lighting fixtures including all required suspension and mounting accessories with self adhesive pictograms as follows complete with ballast, starter p.f.i capacitor and specified lamps, as per specification, complete in all respects, as per drawings and specification, complete in all respect. IEC certified, UL listed.					
	Ceiling/ wall Mounted Emergency Exit Sign Fire Proof in Green Color with 5W/8W LED, including Battery Backup(3 hours) and Directional Arrow.	Each	61.00	25,595.00		1,561,295.00
	L.V. Distribution Boards					
	Supply, installation, testing and commissioning of following LV Panels and Distribution Boards made with 14/16 SWG sheet steel housing (14 SWG for floor standing & 16 SWG for wall mounted) with approved color and having specified circuit breakers as shown on drawing. (Refer Single Line Diagram)					
	Supply, Installation, testing & commissioning of following Free Standing Floor Mounted/ wall mounted totally Enclosed, Cubical type, Low Voltage Panel (LV Panel) with Incoming and Outgoing Circuit Breakers and other components as per SLD with cable terminations. made with 14 SWG sheet metal housing powder coated with approved color, (As per specifications), incoming and outgoing cables, as per drawing. Complete in all respects.					
	LV-01 with Bus Coupler, P.F.I Plant, ATS & EMI.	Each	1.00	25,046,166.00		25,046,166.00
	LV-02 with P.F.I Plant, ATS & EMI.	Each	1.00	24,387,671.00		24,387,671.00
	ATS Panel 1500KVA	Each	1.00	12,535,928.00		12,535,928.00
	ATS Panel 2500KVA	Each	1.00	11,231,189.00		11,231,189.00
	MEDB	Each	6.00	13,525,214.00		81,151,284.00
	MDB-01	Each	2.00	9,992,456.00		19,984,912.00
	BF-HVAC-01	Each	1.00	3,359,521.00		3,359,521.00
	BF-HVAC-02	Each	1.00	3,530,008.00		3,530,008.00
	GF-HVAC-02	Each	1.00	1,780,102.00		1,780,102.00
	MZN-HVAC-01	Each	1.00	1,889,577.00		1,889,577.00
	MZN-HVAC-02	Each	1.00	2,657,164.00		2,657,164.00
	MF-HVAC-01	Each	1.00	13,525,214.00		13,525,214.00
	MF-HVAC-02	Each	1.00	11,911,430.00		11,911,430.00
	MF-SMDB-01	Each	1.00	4,848,075.00		4,848,075.00
	MF-SMDB-02	Each	1.00	4,336,823.00		4,336,823.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Synch Panel					
	Supply, Installation, testing & commissioning of following Free Standing Floor Mounted, totally Enclosed, Cubical type, Low Voltage Genset Synch Panel (LV Panel) with Incoming and Outgoing Circuit Breakers control wiring between D.G Set and Synch panel with protection (UVT,Shunt coil etc.) components as per SLD with cable terminations. made with 14 SWG sheet metal housing powder coated with approved color, (As per specifications), incoming and out going cables. Complete in all respects. Integrateable via MODBUS / BACNET, as per Technical Specification "Section-E-11 SUB-STATION"					
	Generator Synchronization Panel 2-1250 KVA D.G SET,1-650KVA (Equipped with Soft Transfer & Load Sharing Management).	Each	1.00	15,683,062.00		15,683,062.00
	Switchgear Components					
	Supply & installation, testing & commissioning of surge protection device to be installed in DB's/SMDB with wiring cable, complete in all respects.					
	Surge protection device type-II	Each	40.00	176,323.00		7,052,920.00
	Surge protection device type-III	Each	54.00	176,323.00		9,521,442.00
	Supply & installation, testing & commissioning of Energy Analyzer to be installed in DB's/SMDB with wiring cable, complete in all respects.	Each	15.00	73,385.00		1,100,775.00
	Smart Energy Meter System					
	Supply & Installation of Three Phase CT's Operated Energy Meter Wapda Approved 200-300 Amp Maximum Including CT's and IP-65 BOX Wall mounted.	No.	4.00	167,724.00		670,896.00
	Supply of outgoing dual tariff single phase or three phase CT's oprated digital meter (wapda and Gensets) of following Amp's with all internal control wiring cables and other protections complete in all respects.					
	Digital Dual Tarrif Energy Analyzer/meter Single phase 50A.	No.	2.00	67,599.00		135,198.00
	Digital Dual Tarrif Energy Analyzer/meter Three phase 50A.	No.	2.00	89,199.00		178,398.00
	Digital Dual Tarrif Energy Analyzer With 80A CTs.	No.	4.00	89,199.00		356,796.00
	Digital Dual Tarrif Energy Analyzer With 100A CTs.	No.	8.00	89,199.00		713,592.00
	Digital Dual Tarrif Energy Analyzer With 150A CTs.	No.	2.00	89,874.00		179,748.00
	Digital Dual Tarrif Energy Analyzer With 200A CTs.	No.	3.00	90,381.00		271,143.00
	Digital Dual Tarrif Energy Analyzer With 250A CTs.	No.	5.00	91,224.00		456,120.00
	Supply & Installation of module for extending the communication capabilities of analyzers. The module provides ethernet communication (Modbus TCP). Enabling seamless integration with Gridvis software, SCADA and BMS system for centralized monitoring and data access.	No.	2.00	173,349.00		346,698.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Testing and commissioning of installed energy and power meters, including verification of wiring and CT/PT connections, configuration of meter parameters, functional testing, communication validation, and confirmation of accurate measurements as per design and manufacture guidelines including Software for online energy analysis & recording including on line values/parameters display on screen complete in all respects.	No.	1.00	843,750.00		843,750.00
	Wiring Accessories					
	Supply, installation, testing & commissioning of following 10/13/15/20A, gang switches, Sockets including 16 SWG Sheet Steel powder coated back Boxes with earth terminal, recessed in wall, with all accessories. as per drawings and specification, complete in all respect.as per specification.					
	Table Top Epic Organizer with following outlet (2 No. 13A Schuko, 1-3 Pin Universal Switch Socket, 1 No. Dual RJ-45 Outlet for Voice & Data)	No.	250.00	30,067.00		7,516,750.00
	UPS System					
	Providing, Installing, testing & commissioning of True Online Double Conversion UPS rating 100 kVA three Phase in, three Phase out, input power factor (1.0 PF) with 10 minutes battery backup, external By-pass and all accessories as per specification & drawings, complete in all respect. True Online Double Conversion Pure sine wave Microcontroller based. Certification: CB, ROHS,WEEE Performance, EM Compliance. Input voltage : 415 V AC Input frequency : 50 Hz Output voltage : 415 Volts Three Phase IN & Three Phase Out Output p.f : 1.0 (Built in PFC) Batteries : Dry Sealed Maintenance Free Voltage Regulated 5 years with Fire rated DC cables Overload 110 % for 10 min Capacity : 125% for 1 min Operating Temp : 0 to 40 degC Mounting : Cabinet Mounting User friendly LCD display for real time UPS status Cold start of load during power failure Transient/Surge Suppressor EMI/RFI Filter/SPD Built-in manual and static by-pass switch Remote & local emergency power off function RS-232/RJ-45 connectivity with power management software Provision for external battery bank UPS & Advance Automatic Battery Management system for temperature compensated battery charging and battery testing on user defined time. Power Chute Network Shutdown. SNMP Management Card.	Each	2.00	12,572,064.00		25,144,128.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Providing, Installing, testing & commissioning of True Online Double Conversion UPS rating 50 kVA three Phase in, three Phase out, input power factor (1.0 PF) with 10 minutes battery backup, external By-pass and all accessories as per specification & drawings, complete in all respect. True Online Double Conversion Pure sine wave Microcontroller based. Certification: CB, ROHS,WEEE Performance, EM Compliance. Input voltage : 415 V AC Input frequency : 50 Hz Output voltage : 415 Volts Three Phase IN & Three Phase Out Output p.f : 1.0 (Built in PFC) Batteries : Dry Sealed Maintenance Free Voltage Regulated 5 years with Fire rated DC cables Overload 110 % for 10 min Capacity : 125% for 1 min Operating Temp : 0 to 40 degC Mounting : Cabinet Mounting User friendly LCD display for real time UPS status Cold start of load during power failure Transient/Surge Suppressor EMI/RFI Filter/SPD Built-in manual and static by-pass switch Remote & local emergency power off function RS-232/RJ-45 connectivity with power management software Provision for external battery bank UPS & Advance Automatic Battery Management system for temperature compensated battery charging and battery testing on user defined time. Power Chute Network Shutdown. SNMP Management Card.	Each	1.00	6,435,718.00		6,435,718.00
	Providing, Installing, testing & commissioning of True Online Double Conversion UPS rating 20 kVA three Phase in, three Phase out, input power factor (1.0 PF) with 10 minutes battery backup, external By-pass and all accessories as per specification & drawings, complete in all respect. True Online Double Conversion Pure sine wave Microcontroller based. Certification: CB, ROHS,WEEE Performance, EM Compliance. Input voltage : 415 V AC Input frequency : 50 Hz Output voltage : 415 Volts Three Phase IN & Three Phase Out Output p.f : 1.0 (Built in PFC) Batteries : Dry Sealed Maintenance Free Voltage Regulated 5 years with Fire rated DC cables Overload 110 % for 10 min Capacity : 125% for 1 min Operating Temp : 0 to 40 degC Mounting : Cabinet Mounting User friendly LCD display for real time UPS status Cold start of load during power failure Transient/Surge Suppressor EMI/RFI Filter/SPD Built-in manual and static by-pass switch Remote & local emergency power off function RS-232/RJ-45 connectivity with power management software Provision for external battery bank UPS & Advance Automatic Battery Management system for temperature compensated battery charging and battery testing on user defined time. Power Chute Network Shutdown. SNMP Management Card.	Each	8.00	2,985,910.00		23,887,280.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Providing, Installing, testing & commissioning of True Online Double Conversion UPS rating 10 kVA three Phase in, three Phase out, input power factor (1.0 PF) with 10 minutes battery backup, external By-pass and all accessories as per specification & drawings, complete in all respect. True Online Double Conversion Pure sine wave Microcontroller based. Certification: CB, ROHS,WEEE Performance, EM Compliance. Input voltage : 415 V AC Input frequency : 50 Hz Output voltage : 415 Volts Three Phase IN & Three Phase Out Output p.f : 1.0 (Built in PFC) Batteries : Dry Sealed Maintenance Free Voltage Regulated 5 years with Fire rated DC cables Overload 110 % for 10 min Capacity : 125% for 1 min Operating Temp : 0 to 40 degC Mounting : Cabinet Mounting User friendly LCD display for real time UPS status Cold start of load during power failure Transient/Surge Suppressor EMI/RFI Filter/SPD Built-in manual and static by-pass switch Remote & local emergency power off function RS-232/RJ-45 connectivity with power management software Provision for external battery bank UPS & Advance Automatic Battery Management system for temperature compensated battery charging and battery testing on user defined time. Power Chute Network Shutdown. SNMP Management Card.	Each	6.00	2,454,374.00		14,726,244.00
	Lightning Protection System					
	Supply, installation, testing and commissioning of Early Streamer Emission (ESE) having following specifications: Type : Generation 2 or Equivalent Certification: UL Certified, Bureau Veritas, CE Marking or equivalent Reaction time : 40 - 50 micro seconds Maximum Discharge Rating : 180 to 200 kA Material : Stainless Steel or as per manufacturer's specifications Length : 400mm or as per manufacturer's specifications Level of Protection: Level 1&2 Protection Radius : 70-79 m Mounting height (from Roof top to tip of ESE) : 5m or as specified Note: The work is included with all mounting, fixing and support accessories and material required for the completion of above mention task. including Lightning Event Counter: Surge / Stroke Counter for indicating the number of strokes arrested by the ESE.	No.	2.00	1,437,800.00		2,875,600.00
	Supply and laying of 25 x 3mm tinned copper Tape Down Conductor from ESE to Copper Tape network to Disconnecting Link , including all type of accessories like metallic square clamp, metallic DC tape clips etc, complete in all respects.	Rft.	850.00	3,961.00		3,366,850.00
	Supply, Installation, Testing and Commissioning of Earth Copper Bar (Test Link) for Earthing System as shown on the drawing and as per specification, complete in all respect.	No.	4.00	24,410.00		97,640.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Providing, installing, testing & commissioning of following items for complete earthing system including all connecting accessories as per drawings & specifications, complete in all respect.					
	Earth bores & pit with Rod type earth electrode, 20mm dia and 3 X 10 ft long copper rods.	No.	4.00	327,170.00		1,308,680.00
	Testing and commissioning of complete lightning protection system including existing earthing arrangement. Ensure that earth resistance for lightning protection system should be less than 10 ohms.	Job	1.00	112,500.00		112,500.00
	Earthing System					
	Supply, installation, testing and commissioning of following items for Earthing/ Grounding System for lightning protection and grounding of other systems including all material, boring, labor, tools, transportation, accessories etc. Complete in all respects with detailed test reports.					
	Chemical Enhanced Earth using 38 mm dia 10'-0" long copper pipe filled with soil conditioning material including 6" dia, 11' deep boring and back filled chemical to enhance conductivity. Complete with thermos weld joint, 13" dia heavy duty Cast Iron round cover as per details	Each	55.00	85,745.00		4,715,975.00
	20mm dia 10'-0" long Tin platted copper Rod. Complete with thermos weld joint, 13" dia heavy duty Cast Iron round cover as per details.	Each	4.00	85,745.00		342,980.00
	Supply, Installation, Testing and Commissioning of Earth Copper Bar (Test Link) for Earthing System as shown in the drawing and as per specification, along with all necessary accessories complete in all respect.	Each	55.00	21,800.00		1,199,000.00
	Earth Grounding Bar (EGB) or Equipotential bar made with 450mm wide, 50mm high and 8mm thick tin plated Copper, Bar shall be provided with holes suitable for installation of 4 No. 95 sqmm bare copper conductor. EGB shall be enclosed in appropriate size of powder coated metal enclosure with front accessible cover.	Each	15.00	50,510.00		757,650.00
	4 Way Ring Main Unit (RMU):					

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Supply, installation, testing and commissioning of 11 kV, 4-Way Ring Main Unit (RMU), metal enclosed, SF_6/solid insulated, non-extensible/extensible type, rated 630 A, 50 Hz, short time withstand current 21 kA for 3 seconds, complete in all respects, configured as 2 ring ways with load break switches, 1 transformer feeder with LBS and HV HRC fuse protection, and 1 spare/future way, each way having integral earthing switch and all required mechanical interlocks. The RMU shall be manufactured in accordance with IEC 62271 series and comply with WAPDA/ GEPCO requirements, with copper busbars, cable compartments suitable for termination of XLPE cables, voltage presence indicators, fault passage indication, gas pressure indicator, mimic diagram, padlocking facility, danger labels, and a continuous earth bus. The scope includes all internal wiring, auxiliaries, installation on plinth, termination, testing, commissioning, submission of routine test certificates, drawings, operation & maintenance manuals, and warranty for 02 years from commissioning.	Each	1.00	3,884,672.00		3,884,672.00
	Active Harmonic Filters					
	475A	Each	1.00	7,377,516.00		7,377,516.00
	675A	Each	1.00	8,618,571.00		8,618,571.00
	Power Transformer					
	Supply, installation, testing & commissioning of following 11000/ 415V, 3 phase, 4 wire, Oil type PAD mounted transformers (PMT/ KIOSK) for outdoor use and necessary installation accessories etc. as per drawing, specifications, data sheets, complete in all respects, as per drawing and WAPDA/ DISCO specification and WAPDA/ DISCO approval.					
	1500 KVA Kiosk Type Transformer. (Convention Center)	No.	1.00	9,626,672.00		9,626,672.00
	Termination Kit & Thimbles					
	Supply and Installation of L.T cable termination kits of following sizes cables.					
	LV Termination Kit					
	4 Core Copper Cables 660/1100 Volts Grades					
	4 Core 300 mm Sq. Copper Cables	Each	6.00	31,778.00		190,668.00
	4 Core 240 mm Sq. Copper Cables	Each	10.00	31,778.00		317,780.00
	4 Core 185 mm Sq. Copper Cables	Each	2.00	31,778.00		63,556.00
	4 Core 120 mm Sq. Copper Cables	Each	8.00	24,659.00		197,272.00
	4 Core 95 mm Sq. Copper Cables	Each	4.00	24,659.00		98,636.00
	4 Core 70 mm Sq. Copper Cables	Each	2.00	22,510.00		45,020.00
	4 Core 50 mm Sq. Copper Cables	Each	2.00	22,043.00		44,086.00
	4 Core 35 mm Sq. Copper Cables	Each	42.00	16,623.00		698,166.00
	4 Core 25 mm Sq. Copper Cables	Each	32.00	16,623.00		531,936.00
	1 Core Copper Cables 660/1100 Volts Grades					
	1 Core 400 mm Sq. Copper Cables	Each	120.00	17,423.00		2,090,760.00
	1 Core 300 mm Sq. Copper Cables	Each	184.00	13,885.00		2,554,840.00
	1 Core 240 mm Sq. Copper Cables	Each	48.00	13,885.00		666,480.00
	Thimble with Heat shrink sleave/Shroud					
	Supply and Installation of Thimble with Heat shrink sleave of following sizes cables.					
	240mm Sq Cable	Each	120.00	1,399.00		167,880.00
	185mm Sq Cable	Each	66.00	1,153.00		76,098.00
	150mm Sq Cable	Each	56.00	1,153.00		64,568.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	120mm Sq Cable	Each	16.00	673.00		10,768.00
	95mm Sq Cable	Each	2.00	673.00		1,346.00
	70mm Sq Cable	Each	2.00	513.00		1,026.00
	50mm Sq Cable	Each	2.00	280.00		560.00
	35mm Sq Cable	Each	2.00	220.00		440.00
	25mm Sq Cable	Each	2.00	220.00		440.00
	16mm Sq Cable	Each	334.00	147.00		49,098.00
	10mm Sq Cable	Each	616.00	127.00		78,232.00
	6/4/2.5mm Sq Cable	Each	488.00	103.00		50,264.00
	Generators					
	Supply, installation, testing & commissioning of following sizes of (Prime Power Rated) 3 phase, 4 wire, 415V, 1500 RPM , 50Hz Diesel, 100% sustainability of power load more than 1 Hours, Typical warranty more then 8000 Hrs/24 months and 110% Load suitability is approx. 15 mins and O&M Period is 2 Years. Generator set with Residential grade sound attenuated weather proof canopy, residential silencer, Electronic Governor, equipped with AMF and Load sharing management feature, an advanced LCD Display control panel (Programmable), Batteries, battery charger, battery cables, battery stand & circuit breaker and its accessories, as per as per Technical Specification "Section-E-10 Standby Diesel Generator Set". Including transportation up to site and safety store. Exhaust piping, ducting with elbow etc., also inclusive of Power cable end termination. Ambient temperature 0 to 50 degrees. +10% overload is allowed in accordance with ISO3046/1 Complete in all respect. Integrateable via MODBUS/BACNET along with Soft Transfer. Getting necessary Approval/ NOC's for installation of above Generators from concerned Authorities (Electrical Inspector / Explosives Inspector), inclusive of Official and unforeseen expenses, etc., is the responsibility of contractor.	Each	2.00	119,335,499.00		238,670,998.00
	1250 KVA Prime Power					
	Supply, installation, Testing & commissioning of brand new imported Passenger elevator, Machine Room Above, fully complied and certified by EN-81, ISO and International SAFETY Standard of maximum features including VVVF, high efficiency motor, complete stainless steel finish for ambient condition of 50°C, capacity of 2000 Kg, as per below mentioned details, fulfill handicap requirements, total travel height as per drawing,. (May vary upto ± 15% as per Architectural drawings). Lift shall minimum includes car, hoisting machinery, counter weight, supports, brackets, automatic controls, embedded parts, access ladder, separator screen & trap door, electric overload, shaft lighting, intercom system, gong, surge protection, emergency operation for cabin/ door, BMS monitoring, automatic emergency landing device /ALD (UPS/Battery) and safety devices complete in all respect as per specification and according to EN 81.1 standard compliance. Warranty Period 1 year.					
	Speed: 1.0, Stop: 4 and opening in line, Travel Height : 80 ft. approx.	Each	3.00	24,862,500.00		74,587,500.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Supply, installation, Testing & commissioning of brand new imported Fireman Cargo Elevator / Service Elevator (Cabin Should be Fire Rated EN-81-72 (2003) & EN 81-58), Machine Room Above, fully complied and certified by EN-81, ISO and International SAFETY Standard of maximum features including VVVF, high efficiency motor, complete stainless steel finish for ambient condition of 50°C, capacity of 2000 Kg, as per below mentioned details, fulfill handicap requirements, total travel height as per drawing,. (May vary upto ± 15% as per Architectural drawings). Lift shall minimum includes car, hoisting machinery, counter weight, supports, brackets, automatic controls, embedded parts, access ladder, separator screen & trap door, electric overload, shaft lighting, intercom system, gong, surge protection, emergency operation for cabin/ door, BMS monitoring, automatic emergency landing device /ALD (UPS/Battery) and safety devices complete in all respect as per specification and according to EN 81.1 standard compliance. Warranty Period 1 year.					
	Speed: 1.0, Stop: 4 and opening in line, Travel Height : 80 ft. approx.	Each	1.00	45,839,853.00		45,839,853.00
	SCHEDULE ITEM					
	FIRE ALARM SYSTEM					
	Conduits & Pipes					
24/3	Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials.					
a)	Recessed in walls i/c making jharries					
iii	25 mm i/d	Per Rft.	34,864.00	140.15		4,886,189.60
b)	On Surface i/c clamps					
iii	25 mm i/d	Per Rft.	2,100.00	86.05		180,705.00
24/5	Supply and erection of PVC. flexible pipe for wiring, including check nuts, etc. complete:-					
ii	25 mm	Per Rft.	3,495.00	65.00		227,175.00
	Cables					
24/174	Supply, Installation and commissioning of wiring for Signals RS 485, Shielded Copper Cable , in prelaid conduit . Make 3M / Belden, or equivalent as approved and directed by the Engineer Incharges.	Per Rft.	750.00	80.70		60,525.00
24/175	Supply, Installation and commissioning of wiring with specified Fire Resistant Shielded Cable (Fire Rating for 2 hours) of required size from respective DB to Fire Alarm FACP (Fire Alarm Controle Panel) in prelaid conduit/duct. Make Pony / Belden/ Covican (Italy) or equilvent as approved and directed by the Engineer Incharge.					
i)	2C,1.5 mm sq	Per Rft.	36,910.00	134.70		4,971,777.00
	Non - Schedule Items					
	Fire Alarm System					

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Providing, Laying, Testing & Commissioning of Wiring for complete EN-54 certified Intelligent Addressable Fire Alarm System with 2C 1.5 Sq.mm shielded Fire Resistant Cable (120 Min.) in already laid 25mm dia PVC conduit concealed (M.S conduit for surface) etc., including any wiring between fire alarm control panel and other's system components: manual call station, smoke/heat/detector, electronic sounder, input/output module, repeater panel etc. Complete in all respect. FACP shall be integrable with Public Address System, Elevators, Electrical DBs (LPDBs, SMDBs & LV switchgears), BMS/IBMS through ModBus/BacNET or other relevant communication protocols along with all necessary required hardware, accessories and wiring for proper function and integration (where required). System shall come with it's computer based software with real time monitoring for ease of operation and fire zone detection. Supplier shall train the detailed working of the system to the staff.					
	Providing, Installation, testing & commissioning of Addressable Photoelectric Smoke Detector with built-in loop isolator and base along with all necessary accessories. Complete in all respect.	Each	296.00	14,980.00		4,434,080.00
	Providing, Installation, testing & commissioning of Addressable Photoelectric Smoke Detector with built-in loop isolator and base to be installed on above false ceiling along with all necessary accessories. Complete in all respect.	Each	87.00	16,677.00		1,450,899.00
	Providing, Installation, testing & commissioning of Addressable Heat Detector with built-in loop isolator and base along with all necessary accessories. Complete in all respect.	Each	87.00	15,241.00		1,325,967.00
	Providing, Installation, testing & commissioning of Addressable Multi Detector with built-in loop isolator and base along with all necessary accessories. Complete in all respect.	Each	47.00	17,068.00		802,196.00
	Providing, Installation, testing & commissioning of Addressable Manual Call Point (resettable type) with built-in loop isolator and base along with all necessary accessories. Complete in all respect.	Each	31.00	20,461.00		634,291.00
	Providing, Installation, testing & commissioning of Addressable Sounder with flasher with built-in loop isolator and base along with all necessary accessories. Complete in all respect.	Each	31.00	40,323.00		1,250,013.00
	Providing, installation, testing and commissioning of addressable fire alarm repeater panel (active type) with control and monitoring features along with RS-485 or appropriate communication cable for interconnection with the main FACP, including all necessary accessories and battery backup, complete in all respects.	Each	3.00	463,450.00		1,390,350.00
	Providing, Installation, testing & commissioning of Addressable input/output monitoring modules with built-in loop isolator and base along with all necessary accessories. Complete in all respect.	Each	102.00	23,215.00		2,367,930.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Providing, Installation, testing & commissioning of Addressable beam smoke sensor with transmitter, receiver and base along with all necessary acessories.complete in all respect.	Each	12.00	375,655.00		4,507,860.00
	Providing, installation, testing & commissioning of magnetic door holders (suitable for both single and double fire-rated doors, as necessary) to facilitate the release/closure of designated fire rated doors during a fire event. These magnetic door holders shall be integrable and controllable with the fire alarm system, equipped with an independent power supply unit, and provided with all essential accessories and hardware required for proper system functionality.	Each	27.00	24,023.00		648,621.00
	Providing, installation, testing and commissioning of EN-54 certified 6-loop modular (single unit) intelligent addressable fire alarm control panel (FACP), including all necessary accessories, identification tagging, and 72-hour battery backup as per specification, complete in all respects. The FACP shall be capable of supporting multiple repeater panels and at least 250 devices per loop and shall have an inbuilt printer for short reports. The system shall be integrable with PA, access control, elevator, electrical DBs, and BMS/IBMS through ModBus/BacNET or other relevant communication protocols, complete with all required communication wiring and accessories for proper system operation.	Each	1.00	2,411,815.00		2,411,815.00
	Providing, installation, testing & commissioning of Alarm Management Software with graphics, lifetime license with update supports and all necessary accessories.	Each	1.00	396,120.00		396,120.00
	Providing, installation, testing & commissioning of Work Station with Client FA Software having lifetime license and updates (Core i9 latest generation ultra slim desktop PC with Genuine 64 bit windows latest version. ,16 GB DDR5 Ram, 1TB SSD, wifi & Bluetooth connectivity) with FHD 32" LCD, keyboard, mouse and fire alarm event printer and all necessary accessories for complete running of the system.	Each	1.00	554,625.00		554,625.00
	Note:- Testing & Commissioning cost must be included in above devices/panel.					-
	Schedule Items					
	E-PUBLICH ADDRESS SYSTEM					
	Conduits & Pipes					
24/3	Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials.					
a)	Recessed in walls i/c making jharries					
iii	25 mm i/d	Per Rft.	12,174.00	140.15		1,706,186.10
24/5	Supply and erection of PVC. flexible pipe for wiring, including check nuts, etc. complete:-					
ii	25 mm	Per Rft.	865.00	65.00		56,225.00
	Cables					

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
24/123	Supply, Installation and commissioning of wiring with 4-pair data Cable,23 AWG support 1 Giga @ 250 Mhz upto 100 meter UL/EN listed cable conforming IEEE 802.3 or equivalent, in prelaid conduit / cable tray from including all accessories, Make: Schneider / i-connect UK/3M Corning USA, complete in all respect as approved and directed by Engineer Incharge.					
	23 AWG UTP (Unshielded Twisted pair)					
a (i)	CAT-6 (Min.1G @ 250MHz or higher)	Per Rft.	1,824.00	49.20		89,740.80
	Cabinet					
24/146	Supply , installation of wall mounted CCTV Cabinet comprising of Powder Coated M.S frame, front glass& two side openings, 02 way fans for cooling, top & bottom entry, handle lock with 6 way PDU (Power Distribution Unit) with all necessary accessories/ materials, complete in all respects. Made of Bosch/ HP / Dell , Pollo Australia or equivalent or as approved and directed by Engineer Incharge.					
i)	12U size (600x550x635 mm)	Each	2.00	57,927.40		115,854.80
24/147	Supply , installation of floor mounted Main CCTV Cabinet of specified size, installed in Main IT / Server room/Security Room, made of Powder Coated M.S frame, perforated front & rear doors, removable side panels, 04 way fans for cooling, top/bottom entry, handle lock with 4 lockable wheels, cable manager, with 6 way PDU (Power Distribution Unit) & 2 x 6 way PDU (Power Distribution Unit) for 42U size with all necessary accessories/materials, complete in all respects. made of Bosch/ HP / Dell , Pollo Australia or equivalent or as approved and directed by Engineer Incharge.					
(i)	42U (800x800x2055mm)	Each	1.00	198,078.70		198,078.70
NON-Schedule Items						
	Public Address System					

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Providing, Laying, Connecting-up, Testing & Commissioning of Wiring for complete IP Based EN 54 certified Digital Voice Alarm / Public Address System with 2C, 2.5 Sqmm shielded, flexible Fire Resistant flexible Cable (120 min) in already laid 25mm dia PVC conduit , including any wiring between System Controller / System manager and other's system components (pagers, amplifiers, speakers etc.) . Where required, PAS/VAS Should be able to Integrate with Fire Alarm System, Elevators & other relevant IP based IT systems like PABX etc. through ModBus/BacNET etc. or other required protocols. System shall be expandable through IP / fiber network protocols for covering farther locations. System shall be equipped with battery backup (45 minutes on full load) and shall have Acoustic feed back suppression / Active Noise Cancellation feature with necessary required hardware. Any other item required for completion of system not covered in BOQ ,Specifications or Drawings in accordance with same standards and brands shown in approved manufacturers list. All such items shall be covered in this item with complete description, items rates, and quantity required shall be mentioned separately and to be attached with the BOQ. Supplier Shall Train the detailed working of the system to the staff.					
	Providing, Installation, testing & commissioning of IP based System Manager/ System Controller with MP3 /BGM source unit along with all interconnecting wiring and multiple inputs and multiple outputs and shall support matrix system including all other necessary requirements for the integration of whole system complete in all respects. System shall be equipped with battery backup (at least 45 minutes on full load) and shall have Acoustic feed back suppression / Active Noise Cancellation feature with necessary required hardware. System shall be IP based, programmable, integrable and shall support computer based software along with all necessary accessories complete in all respects	Each	1.00	882,846.00		882,846.00
	Providing, installation, testing & commissioning of IP based 500 Watts 4-6 zone 100V Class-D high efficiency >90% Amplifier with DSP, distortion of 0.3 % or less (1 kHz, rated output) having frequency response of at least 60-18000 Hz ± 1dB, supporting multiple inputs and multiple outputs (AB zone configuration) compliance with EN54 standard operating at 220V, AC suitable for rack mounting along with builtin preamplifier. System shall be equipped with active noise cancellation feature along with all necessary required hardware along with all necessary accessories complete in all respects as shown on Drawings and Technical Specification.	Each	3.00	365,474.00		1,096,422.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Providing, installation, testing & commissioning of 6 watt Indoor Ceiling Mounted high efficiency (SPL> 87db) EN 54 standard fire rated (at least 30 minutes) 6 - 8" round loud speakers having frequency response of Atleast 100-18000 Hz ± 3dB, high sound dispersion angle around 170-180 degrees, with output power adjustment taping points (25%, 50%, 75% & 100%) along with all necessary accessories complete in all respects as shown on Drawings and Technical Specification.	Each	60.00	13,735.00		824,100.00
	Providing, installation, testing & commissioning of 10-12 watt Indoor wall Mounted high efficiency (SPL> 87db) EN 54 standard fire rated (at least 30 minutes) box speakers having frequency response of Atleast 120-18000 Hz ± 3dB, with output power adjustment taping points (25%, 50%, 75% & 100%) complete in all respects as shown on Drawings and Technical Specification.	Each	18.00	9,165.00		164,970.00
	Providing, Installation, testing & commissioning of EN 54 standard 15-20 Watts Horn type IP rated high efficiency (SPL> 87db) speaker having frequency response of Atleast 380-9000 Hz ± 3dB, high sound dispersion angle around 120-150 degrees, with output power adjustment tapping points (25%, 50%, 75% & 100%) along with mounting brackets and all necessary accessories. Complete in all respect.	Each	5.00	23,536.00		117,680.00
	Providing, installation, testing & commissioning of IP based Call pad station (plug & play type) with base & microphone (distortion <1%) , keypad and programmable keys (at least 8 keys) and predefined functions (e:g automatic msgs & chime tones), respective zone selection & all zones selection programable keys supporting matrix paging complete in all respects along with all necessary accessories complete in all respects. System shall be equipped with active noise cancellation feature along with all necessary required hardware complete in all respect.	Each	8.00	200,240.00		1,601,920.00
	Providing, installation, testing & commissioning of audio volume controller with back box, complete in all respects as shown on Drawings and Technical Specification.	Each	6.00	17,947.00		107,682.00
	Supply and Wiring of EN-54 certified 2C, 2.5 Sq.mm shielded flexible fire resistant LSZH (PH-120) Speaker Cable for Public Address System from Speaker to Speaker concealed in 25mm dia PVC Conduit. Complete in all respects as shown on Drawings and Technical Specification.	Per Rft.	10,800.00	205.00		2,214,000.00
	Providing, installation, testing & commissioning of fire rated appropriate communication cable concealed in PVC conduit for interconnecting PAS with Elevators, FAS, BMS including all necessary accessories and required hardware, Complete in all respect.	Per Rft.	550.00	658.00		361,900.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Providing, installation, testing & commissioning of Work Station with Client PA Software having lifetime license and updates (Core i9 latest generation ultra slim desktop PC with Genuine 64 bit windows latest version. ,16 GB DDR5 Ram, 1TB SSD, wifi & Bluetooth connectivity) with FHD 32" LCD, keyboard, mouse and fire alarm event printer and all necessary accessories for complete running of the system.	Each	1.00	469,800.00		469,800.00
	Conference/Board Room Audio System (2 No.)					-
	Providing, installation, testing & commissioning of 120-150 Watts muti zone 70-100V high efficiency Amplifier having frequency response of Atleast 60-18000 Hz ± 1dB with DSP, SNR > 85 dBA, distortion 0.3 % or less (1 kHz, rated output), A/V support, multiple inputs and multiple outputs, standard operating at 220V, AC suitable for rack mounting along with builtin preamplifier and tone controls. System shall be equipped with active noise cancellation feature along with all necessary required hardware along with all necessary required wiring and accessories complete in all respects.	No.	2.00	952,176.00		1,904,352.00
	Providing, installation, testing & commissioning of MP3 /BGM source unit along with all interconnecting wiring and multiple inputs and multiple outputs and shall support mutimedia,audio/video system including all other necessary requirements for the integration of whole system complete in all respects. System shall have Acoustic feed back suppression / Active Noise Cancellation feature with necessary required hardware along with all necessary accessories complete in all respects.	Each	2.00	137,082.00		274,164.00
	Providing, installation, testing & commissioning of POE based chairman unit gooseneck microphone with base and built-in hight quality Loud Speaker with selector & mute switches, status indication LED light, active noise cancellation feature, hardware, cable and all necessary required hardware for proper working of equipment complete in all respects.	No.	4.00	91,261.00		365,044.00
	Providing, installation, testing & commissioning of POE based delegation unit gooseneck microphone with base and built-in high quality Loud Speaker with selector switch, status indication LED light, active noise cancellation feature, hardware, cable and all necessary required hardware for proper working of equipment complete in all respects.	No.	56.00	91,261.00		5,110,616.00
	Providing, installation, testing & commissioning of Indoor 12-18 Watt high efficiency (SPL> 87db) two way box type Loudspeakers with dome tweeters (80-18000 Hz ± 3dB) intended for high quality sound & music production with sealed enclosure protective against moisture and dust and built-in twitter transformer and multiple power tapping points. Speaker should have wide dispersion angle, excellent frequency response and power handling.	No.	12.00	20,508.00		246,096.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Providing, installation, testing & commissioning of Wireless neck/collar uni-directional microphone with receiver set along with active noice cancellation / suppression including necessary acessories and required hardware. Complete in all respect.	No.	4.00	145,197.00		580,788.00
	Supply and Wiring of EN-54 certified 2C, 2.5 Sq.mm shielded flexible fire resistant LSZH (PH-120) Speaker Cable for Public Address System from Speaker to Speaker concealed in 25mm dia PVC Conduit. Complete in all respects as shown on Drawings and Technical Specification.	Per Rft.	2,950.00	205.00		604,750.00
	Note:- Testing & Commissioning cost must be included in above devices/panel.					-
	Schedule Items					
	ACCESS CONTROL SYSTEM					
	Conduits & Pipes					
24/3	Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials.					
a)	Recessed in walls i/c making jharries					
iii	25 mm i/d	Per Rft.	3,500.00	140.15		490,525.00
24/5	Supply and erection of PVC. flexible pipe for wiring, including check nuts, etc. complete:-					
ii	25 mm	Per Rft.	85.00	65.00		5,525.00
24/128	Supply, Installation and Connection of Specified Ports Layer-2 PoE (Power Over Ethernet) data Network Switch specified ports x100 Mbps PoE, Min.2x1Gbps SFP UPLINK ports, made of Cisco USA/NOVAS Europe/Juniper USA / Huawei / H3C, Pollo Australia or equivalent approved manufacturer and directed by the Engineer Incharge.					
iv)	24 port, Min. 365 Watt PoE power	Each	3.00	121,941.20		365,823.60
	Data Cable					
24/123	Supply, Installation and commissioning of wiring with 4-pair data Cable,23 AWG support 1 Giga @ 250 Mhz upto 100 meter UL/EN listed cable conforming IEEE 802.3 or equivalent, in prelaid conduit / cable tray from including all accessories, Make: Schneider / i-connect UK/3M Corning USA, complete in all respect as approved and directed by Engineer Incharge.					
	23 AWG UTP (Unshielded Twisted pair)					
a (i)	CAT-6 (Min.1G @ 250MHz or higher)	Per Rft.	2,562.00	49.20		126,050.40
	Cabinet					
24/147	Supply , installation of wall mounted CCTV Cabinet comprising of Powder Coated M.S frame, front glass& two side openings, 02 way fans for cooling, top & bottom entry, handle lock with 6 way PDU (Power Distribution Unit) with all necessary accessories/ materials, complete in all respects. Made of Bosch/ HP / Dell , Pollo Australia or equivalent or as approved and directed by Engineer Incharge.					
ii)	15U size (600x550x770 mm)	Each	1.00	59,379.95		59,379.95
	Power Cable					
24/174	Supply, Installation and commissioning of wiring for Signals RS 485, Shielded Copper Cable , in prelaid conduit . Make 3M / Belden, or equivalent as approved and directed by the Engineer Incharges.	Per Rft.	750.00	80.70		60,525.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
24/175	Supply, Installation and commissioning of wiring with specified Fire Resistant Shielded Cable (Fire Rating for 2 hours) of required size from respective DB to Fire Alarm FACP (Fire Alarm Controle Panel) in prelaid conduit/duct. Make Pony / Belden/ Covican (Italy) or equilvent as approved and directed by the Engineer Incharge.					
i)	2C,1.5 mm sq	Per Rft.	2,486.00	134.70		334,864.20
Schedule Items						
	DOOR ACCESS SYSTEM					
	Supply , installation testing and commissioning of IP Access Control system comprising of access management control unit, card reader, budging unit, panic button, modular alarm control, keypad reader, door release button, exit push button magnetic contacts, servers , workstations, interface with BMS/IBMS, fire alarm system & CCTV system. Also all associated cables and conduits and all accessories required for the system as per drawings (B1-TE607, Series B1.TC) & Specifications (281300).					
	Access Control and Time Management Software along with Security Control system features a password protected user logon system suitable to interface with CCTV, Public Address and Fire Alarm. It provide cardholder management, full alarm and event processing, multi division supports, alarms alerting via SMS and calls on mobile and detailed audit rail records.	Each	1.00	469,800.00		469,800.00
	Complete IP based Access Control System (with features of Biometric, RFID & Keypad) including magnetic single door locks (complete system) with power supply units / POE based (preferred), emergency unlock button and all necessary required hardware and accessories for proper working of the system. Complete in all respect. ACS shall be integrable with BMS/IBMS, Fire Alarm System in case of fire emergency.	Each	14.00	74,482.00		1,042,748.00
	Complete IP based Access Control System (with features of Biometric, RFID & Keypad) including magnetic double door locks (complete system) with power supply units / POE based (preferred), emergency unlock button and all necessary required hardware and accessories for proper working of the system. Complete in all respect. ACS shall be integrable with BMS/IBMS, Fire Alarm System in case of fire emergency.	Each	10.00	80,877.00		808,770.00
	Supply and installation of RFID card printer with atleast 150 printable RFID cards, including all necessary wiring, hardware and accessories. Complete in all respect.	Each	1.00	492,689.00		492,689.00
	Management Server hardware (rack mount type) with Management & Client Software.	Each	1.00	651,951.00		651,951.00
	Testing & commissioning of the complete system including comprehensive staff training and provision of user management software life time license with updates for enrolling/removing authorized personnel (user defined numbers)	Job	1.00	163,125.00		163,125.00
Schedule Items						
** Integrated Building Management System**						

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Conduits & Pipes					
24/3	Supply and erection of PVC pipe for wiring including inspection boxes, pull boxes, hooks, and repairing surface, etc., complete with all specials.					
a)	Recessed in walls i/c making jharries					
iii	25 mm i/d	Rft.	25,320.00	140.15		3,548,598.00
	Data Cable					
24/123	Supply, Installation and commissioning of wiring with 4-pair data Cable,23 AWG support 1 Giga @ 250 Mhz upto 100 meter UL/EN listed cable conforming IEEE 802.3 or equivalent, in prelaid conduit / cable tray from including all accessories, Make: Schneider / i-connect UK/3M Corning USA, complete in all respect as approved and directed by Engineer Incharge.					
I	23 AWG UTP (Unshielded Twisted pair)					
a (i)	CAT-6 (Min.1G @ 250MHz or higher)	Per. Rft.	3,350.00	49.20		164,820.00
24/129	Supply, Installation and Connection of Data switch,10/100/1000 Mbps with SFP UPLINK made of Cisco USA/NOVAS Europe/Juniper USA / Huawei /H3C Pollo Australian or equivalent as approved and directed by the Engineer Incharge.					
iv)	24 Ports(PoE)	Each	1.00	3,572.40		3,572.40
v)	48 Ports(PoE)	Each	1.00	4,843.20		4,843.20
24/146	Supply , installation of wall mounted CCTV Cabinet comprising of Powder Coated M.S frame, front glass& two side openings, 02 way fans for cooling, top & bottom entry, handle lock with 6 way PDU (Power Distribution Unit) with all necessary accessories/ materials, complete in all respects. Made of Bosch/ HP / Dell , Pollo Australia or equivalent or as approved and directed by Engineer Incharge.					
i	12U size (600x550x635 mm)	Each	1.00	57,927.40		57,927.40
ii	15U size (600x550x770 mm)	Each	1.00	59,379.95		59,379.95
24/147	Supply , installation of floor mounted Main CCTV Cabinet of specified size, installed in Main IT / Server room/Security Room, made of Powder Coated M.S frame, perforated front & rear doors, removable side panels, 04 way fans for cooling, top/bottom entry, handle lock with 4 lockable wheels, cable manager, with 6 way PDU (Power Distribution Unit) & 2 x 6 way PDU (Power Distribution Unit) for 42U size with all necessary accessories/materials, complete in all respects. made of Bosch/ HP / Dell , Pollo Australia or equivalent or as approved and directed by Engineer Incharge.					
(ii)	27U (600x600x1300mm)	Each	1.00	104,400.50		104,400.50
	Cables					
24/174	Supply, Installation and commissioning of wiring for Signals RS 485, Shielded Copper Cable , in prelaid conduit . Make 3M / Belden, or equivalent as approved and directed by the Engineer Incharges.	Rft.	2,100.00	80.70		169,470.00
24/175	Supply, Installation and commissioning of wiring with specified Fire Resistant Shielded Cable (Fire Rating for 2 hours) of required size from respective DB to Fire Alarm FACP (Fire Alarm Controle Panel) in prelaid conduit/duct. Make Pony / Belden/ Covican (Italy) or equilvent as approved and directed by the Engineer Incharge.					
i)	2C,1.5 mm sq	Rft.	2,150.00	134.70		289,605.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Schedule Items					
	INTEGRATED BUILDING MANAGEMENT SYSTEM					
	Supply, installation, Test and commissioning of Integrated Building Management System (BMS) including all equipment as per drawings, direct digital controllers (DDC), Gateways, workstation unit, also including all associated cables, wire, conduits, Junction Boxes, including control and monitoring of Electrical & Mechanical Main Equipment as mentioned in BMS Single Line Diagram, and also connection to Elevators, fire alarm systems, as mentioned in drawings & specifications, The IBMS system shall be connected to the existing BMS systems, BMS System should comprise of but not limited to following items: Gateway in Distribution Panels for communication and data exchange between devices and BMS server. Any other item required for completion of system not covered in BOQ ,Specifications or Drawings in accordance with same standards and brands shown in approved manufacturers list. All such items shall be covered in this item with complete discription, items rates, and quantity required shall be mentioned separately and to be attached with the BOQ. Supplier Shall Train the detailed working of the system to the staff.					
	Software Integration of PV System Via Modbus / BACnet / IP.Complete in all respects as shown on Drawings and Technical Specification & including all accessories.	Job	1.00	679,301.00		679,301.00
	Software Integration of HVAC BMS Via Modbus / BACnet / IP.Complete in all respects as shown on Drawings and Technical Specification & including all accessories.	Job	1.00	679,301.00		679,301.00
	Software Intergration of UPS Via Modbus / BACnet / IP .Complete in all respects as shown on Drawings and Technical Specification & including all accessories.	Job	1.00	679,301.00		679,301.00
	Software Integration of Access Control System Via Modbus / BACnet / IP.Complete in all respects as shown on Drawings and Technical Specification & including all accessories.	Job	1.00	679,301.00		679,301.00
	Software Integration of Energy Meters Via Modbus / BACnet / IP .Complete in all respects as shown on Drawings and Technical Specification & including all accessories.	Job	1.00	679,301.00		679,301.00
	Software Integration of FACP Via Modbus / BACnet / IP .Complete in all respects as shown on Drawings and Technical Specification & including all accessories.	Job	1.00	679,301.00		679,301.00
	Software Integration of Genset Via Modbus / BACnet / IP.Complete in all respects as shown on Drawings and Technical Specification & including all accessories.	Job	1.00	679,301.00		679,301.00
	Hardware Integartion VIA BACnet / IP DDC Controller for Electrical DB's floor wise.Complete in all respects as shown on Drawings and Technical Specification & including all accessories.	No.	1.00	679,301.00		679,301.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
	Hardware Integration VIA BACnet / IP DDC Controller for Elevators Complete in all respects as shown on Drawings and Technical Specification & including all accessories.	No.	1.00	679,301.00		679,301.00
	Supply and Wiring of 1 pr 24AWG/RS 485/ low current cable or appropriate network & communication cable. Complete in all respects as shown on Drawings and Technical Specification.	Rft.	15,200.00	426.00		6,475,200.00
	Supply and Wiring of 3 core shielded 20AWG/RS 485/ low current cable or appropriate network & communication cable. Complete in all respects as shown on Drawings and Technical Specification.	Rft.	12,652.00	419.00		5,301,188.00
	Supply and Wiring of 2 Core 18AWG sheilded control Cable or appropriate network & communication cable. Complete in all respects as shown on Drawings and Technical Specification.	Rft.	9,562.00	419.00		4,006,478.00
	Supply, install, test, and commission a centralized Integrated Building Management System (IBMS) server with control panel and appropriate equipment rack for monitoring and control of connected building systems, complete with required software, licenses, and standard network interfaces. The IBMS server shall communicate with distributed subsystem controllers and gateways over an IP-based fiber optic backbone using open protocols such as BACnet/IP and Modbus TCP.	Job	1.00	5,481,000.00		5,481,000.00
	Complete BMS Work Station (Core i9 latest generation ultra slim desktop PC with Genuine 64 bit latest windows version ,16 GB DDR5 RAM, 1 TB SSD, wifi & Bluetooth connectivity) with FHD 2 X 43" LED Screens with display controller, keyboard, mouse and all necessary accessories for complete running of the system.	No.	1.00	1,331,801.00		1,331,801.00
	Testing & Commissioning, Software (lifetime lisense and upgrades) Programming, Networking/wiring complete in all respects by Manufacturer Authorised Agent / Dealer and handing over complete system to owner with providing proper training, SOP, with Existing BMS Software c& complete equipment's manual and warranty documents to Owner's Representative.	Job	1.00	1,687,500.00		1,687,500.00
	Non - Schedule Items					
	EV CHARGING STATION					
	EV CHARGING STATION					

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	Supply of Electric Vehicle Charging Station Phase: three Phase Voltage: 220~415V Frequency: 50 hz Rated Power: 25-30kW Rated Current: 32A Charging Type: AC Mode: 3 / Level: 2 Output Type: Type 2 Cable Length: 7 m Mounting: Floor mounted with metalic enclosure(local) Enclosure Ingress Protection IP: IP65 with key lock arrangement for both charger and cable -Time delay charging which supports energy management & time demand response Electrical Safety: -4P MCB for current Protection -4P RCB for residual current -4P SPD Type I/II for Surge protection Dedicated Energy Analyzer with physical buttons for setting which can store 3 years of energy data & BMS integration support through RS485 EV Compliance certificate: EPD.	No.	10.00	2,942,950.00		29,429,500.00
Schedule Items						
MECHANICAL WORK HVAC						
	Galvanized Iron (G.I) Duct Work Supplying, fabrication and installation of duct using prime quality hot dipped G.I sheet metal (Z-275) of specified thickness including the cost of hangers , tees, bends , reducers, elbows, turning vanes and splitter etc. coupled with jointing sealant , mounting supports @ 8 ft c/c and smoke testing charges complete in all respects as approved and directed by the Engineer Incharge.					
Ch# 27-1-iii	US Gauge 24	Per Sft	12,200.00	254.00		3,098,800.00
Ch# 27-1-iv	US Gauge 22	Per Sft	1,150.00	297.50		342,125.00
	Flexible Round Duct Supply & Installation of foil faced round flexible duct made of reinforced Fabric mechanically interlocked with corrosion resistant metal spiral helix with 1" factory applied fiberglass insulation of specified size i/c the cost of insulation and supports as per drawings with all accessories and fittings complete in all respect as approved and directed by Engineer Incharge.					
Ch# 27-4-i	6" Dia	Per RFT	156.00	313.65		48,929.40
Ch# 27-4-iv	12" Dia	Per RFT	80.00	556.45		44,516.00
Ch# 27-4-v	14" Dia	Per RFT	182.00	721.90		131,385.80
Ch# 27-4-vi	16" Dia	Per RFT	506.00	820.05		414,945.30
	Duct Insulation Supply, installation testing and commissioning of insulation as per specifications and as shown on drawings cross-linked polyolefin (XLPE) thermal closed foam cell insulation of thermal conductivity 0.035 W/mK AT 23C, density 25kg/m3, factory applied aluminum foil facing and self adhesive backing with all accessories to complete the work. the product shall be UL/FM approved and class 0 specifications..					
Ch # 27-7-i	12 mm thick for indoor ducts	Per Sft	10,500.00	224.40		2,356,200.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	Air Grill Providing and installation Return/Exhaust Air grilles made of specified material having horizontal and vertical adjustable deflecting bars, grilles with minimum of 75% free area complete in all respects as approved and directed by the Engineer Incharge .					
Ch# 27-17-a-ii	Air Grilles with 1.2 mm thick electrostatic powder coated	Per Sft	85.00	3,400.80		289,068.00
	Air Diffusers Providing and installation Air Diffuser made of specified material (of any shape, round, square, rectangular or linear and furnished with multi-louver type volume dampers in neck controlled from face of the diffusers) complete in all respects as approved and directed by the Engineer Incharge.					
Ch# 27-18-a-ii	Air Diffusers with 1.2 mm thick electrostatic powder coated	Per Sft	260.00	3,340.80		868,608.00
Ch# 27-18-a-iii	Linear Slot Diffuser (1" x 2 Slot)	Per Sft	130.00	1,089.60		141,648.00
	Damper Providing and installing opposed blade Dampers (Air-Handler) , of Prime Quality G.I sheet of specified thickness,(The quadrant volume damper shall bemuti-leaf type, with a mximum bladewidth of 8", heavy duty quadrant operators of brass with stand off mountings on thermally insulated ducts to provide clearance between the duct surface and operator, equal to the thickness of the insulation , capable of being locked at desired position conveniently, provided with a baked enamel finish complete in all respects as approved and directed by the Engineer Incharge (16SWG)					
Ch# 27-20-a-i	Volume Control Dampers	Per Sft	195.00	4,185.60		816,192.00
NON-Schedule Items						
	Air Diffusers Removing, powder coating with appvoved color and installation existing air diffusers, incaluding black color on volume dampers in neck complete in all respects as approved and directed by the Engineer Incharge.	Job.	1.00	550,000.00		550,000.00
Schedule Items						
FIRE FIGHTING						
	HDPE Pipes Providing, laying, cutting, jointing, testing and disinfecting High ensity Polyethylene Pipe (HDPE-100) working presure pipe onforming to standard ISO 4427, DIN 8074 / 8075, PS 3580, Beta/ Dadex /Popular /IIL or approved equivalent manufacturer, including the cost of specials, intrenches, as approved & directed by the Engineer incharge, complete in all respects.					
23-30-e-9	HDPE PN-16 Pipe Dia 110mm	Per Rft	120.00	793.80		95,256.00
23-30-e-10	HDPE PN-16 Pipe Dia 160mm	Per Rft	1,450.00	1,670.55		2,422,297.50
	Mild steel (M.S) Piping Providing, laying, testing and commissioning of Grade-B,MS Seamless Schedule pipe of nominal diameter, conforming to ASTM-A106,Lontrin/ Hufaz /Pecific baolai or approved equivalent manufacturer,duly welded i/c the cost of specials complete as approved and directed by the Engineer Incharge.					
23-34-iii	Dia 1 Inch	Per Rft	9,720.00	406.95		3,955,554.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
23-34-iv	Dia 1-1/4 Inch	Per Rft	982.00	517.45		508,135.90
23-34-v	Dia 1-1/2 Inch	Per Rft	1,275.00	653.50		833,212.50
23-34-vi	Dia 2 Inch	Per Rft	1,454.00	865.95		1,259,091.30
23-34-vii	Dia 2-1/2 Inch	Per Rft	2,074.00	1,301.80		2,699,933.20
23-34-viii	Dia 3 Inch	Per Rft	1,316.00	1,753.40		2,307,474.40
23-34-ix	Dia 4 Inch	Per Rft	2,235.00	2,434.60		5,441,331.00
23-34-xi	Dia 6 Inch	Per Rft	755.00	4,226.45		3,190,969.75
23-34-xii	Dia 8 Inch	Per Rft	126.00	6,224.85		784,331.10
	Gate Valve Providing and fixing heavy duty Gate valve of specified diameter and material for pressure rating PN-16 mde of Crane (USA), Hatersly (UK), Scon (Pakistan) or approved equivalent manufacturer, i/c the cost of all accessories flanges,nut/bolt and gaskit where required complete in all respect as approved and directed by the Engineer Incharge.					
23-42-a-iii	Dia 1 Inch	Each	2.00	5,025.60		10,051.20
23-42-a-vi	Dia 2 Inch	Each	2.00	14,500.80		29,001.60
	Air Vents Supply & installation of heavy duty Brass PN-16 air Vents of specified size provided at the highest points (Pipe Risers) to expel air as approved and directed by the Engineer Incharge.					
23-45-a-iii	Dia 1 Inch (Automatic)	Each	2.00	2,222.40		4,444.80
23-53	Bitumen Coating Two Coats of Bitumen Grade 80/100 (40 Lbs/100Sft)(NRL/PARCO /Attock) and Wrapping of Polythene (500 gauge) on M.S. Pipe.	Sft	360.00	103.50		37,259.10
	Fire Extinguisher Providing and fixing of fire extinguishers and fire blanket of following type and capacities complete in all respect as approved and directed by the Engineer Incharge					
23-54-i	Dry Chemical Powder capacity 6 Kg.	Each	22.00	13,329.60		293,251.20
23-54-ii	CO2 Capacity 5 kg.	Each	22.00	33,067.20		727,478.40
23-54-iii	HFC Type Capacity 6kg	Each	12.00	81,186.00		974,232.00
23-54-iv	K-Type wet chemical capacity 6 Litters.	Each	8.00	48,232.80		385,862.40
23-54-v	Fire Blanket, White Color, with Black Strip, Hard Flat PVC Case in Red Color, of 4ft x 6ft size	Each	8.00	10,609.20		84,873.60
	Fire Sprinklers Supply, install, test and maintain as per specifications and as shown on drawings, sprinkler heads pendant combination with ceiling flush plate rosette type, rated at 68C, chrome plated, K-factor 5.6, UL/FM approved including other accessories necessary to complete the work.					
23-55-i	Pendant sprinkler head size 1/2" C/W Ceiling Flush Plate @ 68C	Each	424.00	2,281.20		967,228.80
23-55-ii	Pendant sprinkler head size 1/2" C/W Ceiling Flush Plate @ 93C	Each	12.00	2,410.80		28,929.60
	Gate Valves Providing and fixing of UL listed /FM approved OS & Y type D.I Gate valve (Flanged End) of specified diameter and working pressure 250 PSI rating, i/c the cost of all accessories flanges, nut/bolt and gaskit where required complete in all respect as approved and directed by the Engineer Incharge.					
23-56-i	Gate Valve Dia 2-1/2"	Each	12.00	73,826.00		885,912.00
23-56-iii	Gate Valve Dia 4"	Each	12.00	105,293.30		1,263,519.60
23-56-iv	Gate Valve Dia 6"	Each	6.00	171,229.65		1,027,377.90

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	Gate Valves Providing and fixing of UL listed /FM approved NRS type D.I Gate valve (Flanged End) of specified diameter and working pressure 250 PSI rating, i/c the cost of all accessories flanges, nut/bolt and gaskit where required complete in all respect as approved and directed by the Engineer Incharge					
23-57-i	Gate Valve Dia 2-1/2"	Each	6.00	75,339.20		452,035.20
23-56-iii	Gate Valve Dia 4"	Each	8.00	99,316.10		794,528.80
23-57-iv	Gate Valve Dia 6"	Each	2.00	168,338.85		336,677.70
	Check Valves Providing and fixing of UL listed /FM approved D.I Check valve (Flanged End, swing type) of specified diameter with working pressure 250 PSI, i/c the cost of all accessories flanges, nut/bolt and gaskit where required complete in all respect as approved and directed by the Engineer Incharge					
23-58-i	Dia 2-1/2"	Each	2.00	44,062.40		88,124.80
23-58-iv	Dia 6"	Each	6.00	150,205.65		901,233.90
	Strainers Providing and fixing of UL listed /FM approved D.I Y-Strainer (Flanged End) of specified diameter with working pressure 250 PSI, i/c the cost of all accessories flanges, nut/bolt and gaskit where required complete in all respect as approved and directed by the Engineer Incharge					
23-59-ii	Y Strainer Dia 8"	Each	1.00	281,224.05		281,224.05
	Pipe Flexible Joints Providing and fixing of stainless steel flexible joint of specified diameter, i/c the cost of all accessories flanges, nut/bolt and gaskit where required complete in all respect as approved and directed by the Engineer Incharge.					
23.60-ii	Dia 2-1/2"	Each	2.00	30,001.20		60,002.40
23.60-iv	Dia 4"	Each	2.00	53,710.80		107,421.60
23.60-v	Dia 6"	Each	6.00	75,402.00		452,412.00
	Pipe Hanger & Supports Supply, Installation & Testing of hangers and supports, of approved manufacturers Fischer, Greenman, Sikla or equivalent for MEP pipes, i/c the cost of Anchors, Threaded Rods, Nuts & Bolts, Washer and other accessories as per manufacturer recommendations complying MSS SP 58 / BS 3974 complete in all respect and as approved by the Engineer Incharge.					
	b. Loop Hangers					
23-62-a-iii	1" Dia	Each	703.00	1,329.95		934,954.85
23-62-a-iv	1-1/4" Dia	Each	919.00	1,347.95		1,238,766.05
23-62-a-v	1-1/2" Dia	Each	454.00	1,831.90		831,682.60
23-62-a-vi	2" Dia	Each	352.00	1,849.90		651,164.80
23-62-a-vii	2-1/2" Dia	Each	259.00	2,596.60		672,519.40
23-62-a-viii	3" Dia	Each	164.00	2,644.60		433,714.40
23-62-a-ix	4" Dia	Each	164.00	3,636.50		596,386.00
	c. Clevis Hangers					
23-62-c-xi	6" Dia	Each	286.00	7,376.05		2,109,550.30
23-62-c-xii	8" Dia	Each	24.00	9,836.05		236,065.20
	f. Saddle Supports					
23-62-f-ix	4" Dia	Each	29.00	4,261.70		123,589.30
23-62-f-xi	6" Dia	Each	52.00	7,454.20		387,618.40
23-62-f-xii	8" Dia	Each	6.00	8,784.05		52,704.30
	g. C-Channel Supports					
23-62-g-iv	41mmx62mmx2.5mm	Per RFT	98.00	3,403.30		333,523.40

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
27-02	Exhaust Flue Duct Supplying, fabrication and installation of round flue duct of specified diameter, using prime quality MS sheet of 12 SWG duly welded i/c the cost of hangers, tees, bends, reducers, elbows, mounting supports @ 6ft c/c complete in all respects as approved and directed by the Engineer Incharge.	Sft	317.00	732.80		232,297.60
	Flue Duct Insulation Supply, wrapping of 3" thick foil-faced Rock wool thermal Insulation of nominal density with built in GI wire mesh as per specifications and drawings conforming to BS5422:2009 complete in all respects approved and directed by the Engineer Incharge					
27-05-i	30-40 kg/m3	Sft	396.00	135.30		53,578.80
	Duct / Pipe Cladding Supply & Installation of multi layer aluminum sheet jacketting of specified thickness, coated with UV (Ultra Violet) protection & polymer backing having salt water resistance and fire performance conforming to ASTM-C1729M over exposed duct / pipe insulations where required and specified i/c the cost of Metal banding solution sealant as approved and directed by Engineer Incharge.					
27-8-iii	0.5 mm Thick	Sft	590.00	181.95		107,350.50
	Painting new surface Preparing surface and painting corrugated surface, patent roofing, etc.					
13-05-a-i	priming coat.	Sft	5,258.00	20.13		105,838.28
13-05-a-ii	each subsequent coat of paint.	Sft	5,258.00	12.75		67,044.76
03-07-1-b-i	Earthwork excavation in open cutting upto 5'-0" (1.5 m) depth for storm water channels, drains, sullage drains in open areas, roads, streets, lanes, including under pinning of walls and shoring to protect existing works, shuttering and timbering the trenches, dressed to designed level and dimensions, trimming, removal of surface water from trenches, back filling and surplus excavated material disposed of and dressed within 50 ft. (15 m) lead:- 1) Upto 5' (1.5 meter) Depth B) By Mechanical Means i- Ordinary	Cft	22,524.00	12.93		291,331.05
NON Schedule Items						
	Fire Protection Pumps	Set	1.00	31,239,335.00		31,239,335.00
	Supply, Install, testing & Commissioning of Fire pumps split horizontal case Type, including control panel, Casing relief valve, Suction / Discharge pressure gages, Pressure Switches, Pressure Sensors, automatic air release valve, wafer type check valve, drain cocks, base frame concrete foundation with viberation isolator complete in all respect as per specifications and shown on drawings. Confirming to NFPA 20 Standards, UL/FM Approved.					
a)	Fire Pump (Main Duty)					
	Supply, Install, testing & Commissioning of duty Fire pump (Electric Driven), with Squirrel Cage Induction Type Motor, enclosure class IP55, Insulation class F, Electric Controller UL/FM Approved complete in all respect with capacity 750 US GPM @ 10.5 bar pressure.					
b)	Fire Pump (Stand by)					

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	Supply, Install, testing & Commissioning of Fire pump stand by Centrifugal (Diesel Driven) Pump Including Diesel Engine Set, Automatic Diesel Engine Controller UL/FM Approved, Fuel tank, Fuel Pump including luricating & exhaust system complete in all respect as per specifications and shown on drawings with capacity 750 US GPM @ 10.5 bar pressure.					
c)	Jockey Pump					
	Supply, Install, testing & Commissioning of Vertical Multi Stage Type Electric Driven Jockey Pump with Controller complete in all respect as per specifications and shown on drawings with capacity 20 US GPM @ 11 Bar Head.					
	External Fire Hydrants Supply, install, testing & Commissioning of External Fire Hydrant Double Delivery Type with Hose Cabinet Including Two Nos of 2-1/2"x100 feet high Pressure Hose With Nozzle complete in all respects as specified and as shown on drawings.	No	12.00	570,497.00		6,845,964.00
	Internal Hose Reel with Cabinets Supply, install, testing & Commissioning of Double compartment fire hose cabinet with 1" dia hose reel, fire hose, nozzle, angle valve, pressure reducing valve, lock shield valve in upper conmpartment, 2-1/2" landing valve, with 2-1/2"x100 feet pipe with nozzle etc. in lower compartment, powder coated, red finish, glass front and other accessories complete in all respect as specified and as shown on drawings.	No	22.00	417,068.00		9,175,496.00
	Floor Control Valve Assembly Supply, install, test and maintain as per specifications and as shown on drawings, including flow control valve with supervisory switch, check valve, pressure gauge, water flow switch, connection to fire alarm panel, testing valve, section drain valve, (wire to fire alarm control panel shall be FM/UL listed including all accessories necessary to complete the work.					
	FCVA Dia 2-1/2"	No	1.00	258,229.00		258,229.00
	FCVA Dia 4"	No	2.00	332,688.00		665,376.00
	FCVA Dia 6"	No	1.00	477,640.00		477,640.00
	Pressure Relief Valve Supply, Install, Test And Maintain As Per Specifications And As Shown On Drawings, Pressure Reducing Valve Shall Be FM/UL Listed Including All Accessories Necessary To Complete The Work.					
	Pressure Relief Valve Dia 4"	No	1.00	1,104,444.00		1,104,444.00
	Flow Meter Supply, Installation, testing & commissioning of Flow Meter UL Listed & FM Approved complete in all respects as shown on drawings					
	Flow Meter Dia 6"	No	1.00	572,965.00		572,965.00
	Siamese Connection Supply, Install, Test And Maintain Siamese Connection 2 Ways As Per BSS 5041-3 with complete pump bypass pipe line as shown on Drawings Including Cabinet With Breakable Glass, SS Frame, Drain Plug complete in all respects as shown on drawings.	No	5.00	192,432.00		962,160.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	Alarm Check Valve Provide install, test and comissioning of 6inch (DN150) wet type alarm check valve having flange coupling and all necessary valves guages switches water motor alarm gong retard chamber and other necessary apputenances and shall be FM/UL listed complete in all respects as shown in drawings.	No	1.00	592,149.00		592,149.00
	Hydraulic Sprinkle Alarm Bell Supply, installation, testing and commissioning of hydrulically driven mechanical bell suitable for outdoor instalation including water motor, gong, striker, drive shaft, etc. complete in all respects as shown on drawing.	No	1.00	83,898.00		83,898.00
	Underground Water Tank Accessories Supply, Install, Test And Maintain water tank accessories including puddle flanges, level controller, anti vortex plate complete in all respects as shown on drawings in accordance with specifications & equipment schedule.	Lot.	1.00	764,861.00		764,861.00
	Fire Resistant Coating & Mortar Providing and fixing up to two (2) hour rated fire stopping measures arround the ducts /pipes passing through protection zone floor /walls including all required fillers, etc. for all MEP Rooms Complete in all respects.					
	Fire Stopping mortar for vertical/ Horizontal opening	Job	1.00	500,224.00		500,224.00
** Schedule Items**						
MECHIVAL WORK PLUMBING (INTERNAL)						
	Potable Pipeworks & accessories:					
Ch 23/ Pg-146/ 33/b	Providing, laying, testing and commissioning of POLYPROPYLENE RANDOM COPOLYMER (PPRC) water supply pipe (Dadex /Popular/Beta or approved equivalent manufacturer, with specified pressure rating PN (PRESSURE NOMINAL)and conforming to DIN 8077-8078 code i/c cost of solvent, specials,making jharries complete in all respect as approved and directed byEngineer Incharge.(Internal/External Diameters mentioned) PN-20 pipe					
iii	32 mm -3/4" dia	Rft	2,167.00	162.10		351,270.70
iv	40 mm -1" dia	Rft	1,110.00	247.30		274,503.00
v	50 mm -1.25" dia	Rft	702.00	355.30		249,420.60
vi	63 mm - 1.5" dia	Rft	820.00	554.65		454,813.00
vii	75 mm - 2" dia	Rft	198.00	817.45		161,855.10
Ch 23/ Pg-142/ 30/e	Providing, laying, cutting, jointing, testing and disinfecting High Density Polyethylene Pipe (HDPE-100) working presure pipe conforming to standard ISO 4427, DIN 8074 / 8075, PS 3580, Beta/ Dadex / Popular/ IIL or approved equivalent manufacturer, including the cost of specials, intrenches, as approved & directed by the Engineer incharge, complete in all respects.					
e)	PN-16 (SDR-11)					
1	25 mm	Rft	125.00	48.80		6,100.00
2	32 mm 1-1/4 " dia	Rft	26.00	76.60		1,991.60
3	40mm 1-1/2" dia	Rft	145.00	114.40		16,588.00
4	50mm 2" dia	Rft	128.00	173.50		22,208.00
5	63mm 2-1/2" dia	Rft	50.00	269.55		13,477.50
	Drainage Pipeworks & accessories:					

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Ref. No.	Description	Unit	Qty	Rate		Amount
****NEW CONSTRUCTION****						
****CIVIL WORKS****						
****MAIN BUILDING WORK****						
Ch19 / Pg-118/ 44	Providing, fixing, testing and commissioning of µ-PVC (Unplasticized Polyvinyl Chloride) Nikasi/ SWV pipe, Dadex / Popular / Beta or approved equivalent manufacturer, plain / Bell Ended / Z - Joints conforming to BS 4514 / BS 5255 - EN 1329 including thecost of specials and Solvents complete in all respects, as per drawings & specifications and / or as approved and directed by the Engineer Incharge.					
iii	50 mm 2" dia.	Rft	70.00	103.95		7,276.50
iv	82 mm 3" dia.	Rft	35.00	160.60		5,621.00
v	110 mm 4" dia.	Rft	755.00	254.30		191,996.50
Ch 23 / Pg-136 Item15	Providing, laying, testing and commissioning µ-PVC (Un plasticized Polyvinyl Chloride) Pressure pipe of nominal diameter, conforming to PS-3051/BS-3505, Dadex/Popular / Beta or approved equivalent manufacturer, i/c the cost of solvent and specials complete. As approved and directed by the Engineer Incharge.					
a	Class-D					
iii	2" dia	Rft	155.00	242.25		37,548.75
iv	3" dia	Rft	25.00	514.00		12,850.00
v	4" dia	Rft	915.00	855.15		782,462.25
vi	6" dia	Rft	50.00	1,229.05		61,452.50
Ch19/ Pg-119/46	Providing, fixing, testing and commissioning of µ - PVC (Unplasticized polyvinyl Chloride) Nikasi / waste pipe Fittings make of Dadex / Popular / Beta or approved equivalent manufacturer, conforming to BS 4514 / BS 5255 including the cost of Solvents complete in all respect as approved and directed by the Engineer Incharge.					
a	P-Trap					
i	4" dia	Nos	1.00	960.20		960.20
b	Multi-Trap					
i	4" dia	Nos	51.00	1,436.10		73,241.10
c	Vent Cowel					
ii	4" dia	Nos	6.00	428.10		2,568.60
iii	3" dia	Nos	2.00	386.10		772.20
d	Clean Out					
i	4" dia	Nos	6.00	441.40		2,648.40
Ch 21 / Pg 127 Item 05/b	Constructing gully grating chamber, 12" x 12", (300 x 300 mm) complete in all respects: concrete Gully trap.	Nos	6.00	7,227.10		43,362.60
Ch 27/ Pg-216/9/b	Supply & Installation of pre-formed tubeof Elastomaric closed cell FM foam type insulation of specified thickness having density of 40-65 Kg / m3 and thermal condcutivity of 0.035 W/M at 25 degree centigradeof fire performance conforming to UK building regulation of class - 0 rating C2, complete including the cost of adhesives and sealers as specified for chilled/ hot water piping and fittings including valves, strainers as approved and directed by Engineer Incharge. (b-19 mm thick).					
b)	19 mm thick					
v	3/4" dia	Rft	1,300.00	178.20		231,660.00
vii	1" dia	Rft	666.00	205.35		136,763.10
ix	1-1/4"dia	Rft	421.00	264.90		111,522.90
xi	1-1/2"diae	Rft	492.00	319.30		157,095.60
xiii	2" dia	Rft	119.00	419.40		49,908.60

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
Ch 23/ Pg 149/ Item 42	Providing and fixing heavy duty Gate valve of specified diameter and material for pressure rating PN-16 mde of Crane (USA), Hatersly (UK), Scon (Pakistan) or approved equivalent manufacturer, i/c the cost of all accessories flanges,nut/bolt and gaskit where required complete in all respect as approved and directed by the Engineer Incharge.					
a)	Brass Threaded Valves					
ii	3/4" dia	No.	8.00	3,510.00		28,080.00
iii	1" dia	No.	1.00	5,025.60		5,025.60
iv	1.25"	No.	2.00	7,039.20		14,078.40
v	1.5" dia	No.	1.00	9,930.00		9,930.00
vi	2" dia	No.	2.00	14,500.80		29,001.60
Ch 23/ Pg 151/ Item 45	Supply & installation of heavy duty Brass PN-16 air Vents of specified size provided at the highest points (Pipe Risers) to expel air as approved and directed by the Engineer Incharge - Autometic					
ii	3/4" Dia.	No	4.00	1,896.00		7,584.00
Ch 19/ Pg 122/ Item 14	Providing and fixing of Hose Bibs with gate valve, i/c cost of required fittings & accessories as approved and directed by Engineer Incharge. 3/4" Dia.					
ii	3/4" dia	Each	7.00	2,308.05		16,156.35
Ch 19/Pg 122/ Item 12 i	Providing and Fixing of SS 304 Floor Drain, complete in all respect as approved and directed by Engineer Incharge.					
i	4" dia	Each	51.00	1,254.95		64,002.45
Ch 19/ Pg 122/ Item 13	Providing and Fixing of SS 304 Roof / scupper Drain, complete in all respect as approved and directed by Engineer Incharge. 4" dia					
i	4" dia	Each	10.00	1,284.80		12,848.00
Ch 23 Pg 155 Item 62	Supply, Installation & Testing of hangers and supports, of approved manufacturers Fischer, Greenman, Sikla or equivalent for MEP pipes, i/c the cost of Anchors, Threaded Rods, Nuts & Bolts, Washer and other accessories as per manufacturer recommendations complying MSS SP 58 / BS 3974 complete in all respect and as approved by the Engineer Incharge.					
a	Isophonic Pipe Clamp					
ii	3/4" dia	Each	132.00	1,329.95		175,553.40
iii	1" dia	Each	85.00	1,335.95		113,555.75
iv	1-1/4" dia	Each	45.00	1,359.95		61,197.75
v	1-1/2" dia	Each	65.00	1,843.90		119,853.50
vi	2" dia	Each	12.00	1,861.90		22,342.80
vii	2-1/2" dia	Each	1.00	2,596.60		2,596.60
viii	3" dia	Each	4.00	2,638.60		10,554.40
ix	4" dia	Each	94.00	3,660.50		344,087.00
Ch 23 Pg 150 Item 44	providing and fixing heavy duty Check Valve of specified diameter and material for pressure rating PN-16 made of Crane (USA), Hatersly (UK), Scon (Pakistan) or approved equivalent manufacturer i/c the cost of all accessories flanges,nut/bolt and gaskit where required complete in all respect as approved and directed by the Engineer Incharge.					
vi	2" dia	Each	2.00	13,420.80		26,841.60
	NON Schedule Items					
	Supply and fixing of Manhole cover M.S Checkered Sheet Size: 3' x 3' angle size outer Frame: 1.5" x 1.5" x 1.5", Angle size Inner frame: 1.25" x 1.25" x 1.25"',M.S checkered sheet: 2.5mm including as per specification &Drawings complete in all Respect.	No	1.00	33,793.00		33,793.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	Fire Stoping / Resistant Coating / Scielent & Mortar					
	Providing and fixing up to minimum two (2) hour rated fire stopping measures for ducts/pipes passing through protection zone floor / walls including all required fillers,etc. for all MEP Rooms, all Plumbing pipings Complete in all respects.					
	Fire Stopping mortar and fire resistant sealant for vertical / Horizontal openings	Job	1.00	170,000.00		170,000.00
** Schedule Items**						
MECHIVAL WORK PLUMBING (FIXTRUE)						
Ch 19, Pg 119, Item 49	Providing and fixing CP bath Room Set made of Sonex / Master / Faisal comprising of 3-NoTee stop cocks, lever type Basin Mixer, double Bib Cock, open wall shower, Muslim shower, waste coupling and bottle trap etc. complete in all respect as approved and directed by the Engineer incharge					
i	3 No Tee Stop Cock (set)	Each	39.00	2,267.00		88,413.00
ii	Lever Type Basin Mixer	Each	45.00	6,707.00		301,815.00
iii	Double Bib Cock	Each	39.00	1,907.00		74,373.00
iv	Open Type Wall Shower	Each	5.00	18,707.00		93,535.00
v	Muslim shower	Each	39.00	2,387.00		93,093.00
vi	Waste Coupling	Each	1.00	767.00		767.00
vii	Bottle Trap	Each	44.00	1,487.00		65,428.00
Ch 19, Pg 114, Item 3/B-iii	Providing and fitting Europeon Coupled set of Water Closet (WC) and flushing Cistern of PORTA brand (full size) i/c the cost of CP / rubber connection, thimble, seat cover and rawal bolts complete in all respects as approved and directed by the Engineer Incharge.One Piece PORTA HD 102N Toilet Cito with Hydraulic Seat Cover	Each	38.00	59,851.10		2,274,341.80
Ch 19, Pg 114, Item 3/B-iii	Providing and fitting Europeon Coupled set of Water Closet (WC) and flushing Cistern of PORTA brand (full size) i/c the cost of CP / rubber connection, thimble, seat cover and rawal bolts complete in all respects as approved and directed by the Engineer Incharge.One Piece PORTA HD 102N Toilet Cito with Hydraulic Seat Cover. For Handi Cap Persons	Each	1.00	59,851.10		59,851.10
Ch 19, Pg 114, Item 7	Providing and fitting glazed earthen ware wash hand basin 56x40 cm (22"x16") including bracket set, waste pipe and waste coupling, etc.					
ii	coloured, with pedestal	Each	1.00	9,051.55		9,051.55
v	Under Counter Vanity Basin	Each	44.00	13,047.55		574,092.20
Ch 19, Pg 121, Item 07 - ii	Providing and fixing 1.5 cm (½") dia connection, including check nuts, etc, (copper connection)	Each	90.00	712.80		64,152.00
Ch 19, Pg 115, Item 13	Providing and fixing, chromium plated soap dish.	Each	1.00	981.60		981.60
Ch 19, Pg 115, Item 15	Providing and fixing, chromium plated toilet paper holder.	Each	39.00	1,271.85		49,602.15
Ch 19, Pg 115, Item 16 - i	Providing and fixing, chromium plated towel rail, 60 cm (24") long, and 2 cm (¾") dia	Each	45.00	1,337.20		60,174.00
Ch 19, Pg 122, Item 09 - ii	Supply and fixing of Soap Dispensor including all other cost of required fittings & required accessories complete in all respect as approved & directed by the Engineer incharge. Stainless steel	Each	26.00	4,229.40		109,964.40

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
Ch 19, Pg 122, Item 10 - ii	Providing/fixing U-shape 1-1/4" dia Stainless Steel Grab bar of 14 SWG thickness and specified length for safety grip i/c the cost of Stainless Steel brackets,rawal plugs and hardware as approved and directed by Engineer Incharge.	Each	38.00	3,785.50		143,849.00
Ch 19, Pg 122, Item 11 -ii	Providing and fixing of wall hung Box Type Toilet Tissue Holder for Vanities from approved manufacturers i/c cost of required fittings & required accessories as approved and directed by Engineer Incharge. UPVC	No.	26.00	1,089.10		28,316.60
	** NON Schedule Items**					
	Providing and fixing, of double coat Hooks PORTA or Approved quality (types according to architectural design) including all other required fittings, & accessories to complete the work, as per the Drawings, Specifications and Standards.	No.	84.00	3,107.00		260,988.00
	Providing and fixing of folding Grab Bars or Approved qualit for handicap persons (types according to architectural design) including all other required fittings, Traps & Accessories to complete the work, as per the Drawings, Specifications and Standards.	No.	1.00	36,873.00		36,873.00
	Providing and fixing looking glass 6 mm thick best quality, including cost of gutties, screws, Fiber Glass Sheet 3 Layers, 3 mm thick, Silicon, Clamps etc., complete in all respects and/or as approved by the engineer incharge.	Sft	540.00	1,141.34		616,323.60
	Supply and installation of Toilet Seat for Handicap Commod (types according to architectural design) including all other required fittings & Accessories to complete the work, as per the Drawings, Specifications and Standards.	No.	1.00	22,202.00		22,202.00
	Schedule Items					
	INFORMATION AND COMMUNICATIONS TECHNOLOGY (ICT)					
	(ICT) PASSIVE					
Ch.24	**Conduit**					
3	Supply and erection of PVC pipe for wiring recessed in walls, including inspection boxes, pull boxes, hooks, cutting jharries, and repairing surface, etc., complete with all specials.					
	iii) 25 mm i/d	R.Meter	19,431.00	459.75		8,933,402.25
	Communication Cabling System					
116	Supply,Installation and commissioning of wiring with 4pair data Cable, 23AWG UL/EN listed cable *Conforming to following standards: TIA/EIA568/ISO/IEC11801,in prelaid conduit/cabletray from including all accessories, Manufacturer/OEM Authorization, Make:Schneider/i-connectUK/3MCorningUSA/D-Link/PolloAustralian or equivalent approved manufacturer,complete in all respect as approved and directed by Engineer Incharge.					
	a) UTP (Unshielded Twisted pair)					
	(ii)CAT-6A (Min.1G/ 10G @ 500MHz or higher)	R.Meter	5,000.00	228.30		1,141,500.00
	b) STP (Shielded Twisted pair)					
	(i)CAT-7 (Min.1G/ 10G @ 500MHz or higher)	R.Meter	349,200.00	287.35		100,342,620.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
117	Supply,installationandconnectionsofCAT-6AUTP(UnsheildedTwistedPair),patchcordofspecifiedlength,FactoryFabricatedandULListedwithantiSnagBoots-GoldovernickelplatedmadeofSchneider,PolloAustraliaor equivalent approved manufacturer and directed by Engineer Incharge .					
	(i) 1 meter Patch Cord	Each	500.00	2,608.00		1,304,000.00
	(ii) 3 Meter Patch Cord	Each	500.00	2,968.00		1,484,000.00
115	Supply,Installation and commissioning of wiring with fiber optic cable with Unitube, Light-Armoured Cable, Single-Mode,OS2,of specified Core, 9µm, in prelaid conduit or cable tray etc. from Fiber switch to Fiber Switch in ODF Panel, including all accessories, made of Schnider/i-ConnectUK/PanduitUSAPolloAustralia or equivalent approved manufacturer and directed by the Engineer Incharge.					
	i) 12 Core	R.Meter	200.00	554.20		110,840.00
	ii) 24 Core	R.Meter	350.00	1,095.80		383,530.00
	iii) 48 Core	R.Meter	839.00	1,908.15		1,600,937.85
128	Supply, Installation and Connection of Fiber Optic SC-LC Patch Cords OS2 or OM3 of Specified Length from PoE Switch to ODF Point,UL Listed, Made of Schneider/Norden,PolloAustralia or equivalent as approved and directed by Engineer Incharge	P.Mtr	320.00	6,304.15		2,017,328.00
	Communication Faceplates and Connectors					
138	Supply, Installation and commissioning of Simple type, Dual Shutter Face Plates having fully populated I/O: Option 1:RJ-11 with RJ45/8P8C I/Os supporting either Cat6 or Cat6a cables as required by projectOption 2: Two RJ45/8P8C I/Os supporting either Cat6 or Cat6a cables as required by project.					
	(i) Single I/O	Each	100.00	1,678.15		167,815.00
	(ii) Double I/O	Each	295.00	2,626.50		774,817.50
	Data, Voice, WiFi, IP-CCTV Passive Equipment					
122	Supply,Installationandcommissioningof19"RackMountedofspecified,UTPPatchPanelwithspecifiedtoollesssupport&RearCableManagement,ULlisted,LoadedwithUTPofspecifiedKeystoneJackToollessSupport,MadeofSchneider/Norden/3MCorning/D-Link,PolloAustraliaorequivalent or as Approved and Directed by Engineer Incharge.					
	ii) CAT-6A (24 Port Patch Panel with Toolless Support 10-Gigabit)	Each	28.00	35,405.00		991,340.00
127	Supply, Installation of OFDF (Optical Fiber Distribution Frame) having specified mode ports Loaded with Splicing Tray, with splicing of Pigtails, Fully loaded DUPLEX SC Couplers & Pigtail supplied with Patch Leads (LC-SC) or as per site SFP based required cords, UL Listed, Made of Schneider / Norden, Pollo Australia or equivalent or as approved and directed by the Engineer Incharge.					
	b) Singlemode (SM) Ports					
	(ii) 12 Ports	Each	10.00	52,234.90		522,349.00
	(iii) 48 Ports	Each	2.00	221,866.90		443,733.80

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Ref. No.	Description	Unit	Qty	Rate		Amount
	NEW CONSTRUCTION					
	CIVIL WORKS					
	MAIN BUILDING WORK					
121	Supply and installation of Cable Metal Organizer,19"Rack mounted with high graded epoxy powder coating and slideable top-UL Listed. Made of Schneider/iConnectUK/3MCorning: Pollo Australia or equivalent as approved and directed by the Engineer incharge.	Each	28.00	4,108.80		115,046.40
	Communication Racks and PDUs					
143	Supply, installation and connections of 42U Racks 800 x1000 MM with Fans and:02 nos PDU-IMPORTED. Make Schneider as specified as approved and directed by Engineer's Incharge.	Each	7.00	198,078.70		1,386,550.90
136	Supply,installationofwallmountedCCTVCabinetcomprisingofPowderCoatedM.Sframe,frontglass&twosideopenings,02wayfansforcooling,top&bottomentry, handlelockwith6wayPDU(PowerDistributionUnit)withallnecessaryaccessories/materials,completeinallrespects.MadeofBosch/HP/Dell,PolloAustraliaorequivalentorasapprovedanddirectedby Engineer Incharge.					
	(ii) 15U size (600x550x770 mm)	Each	7.00	59,379.95		415,659.65
	Cable Ladder, Conduit and Duct					
104	Providing and fixing hot dipped Galvanized Cable Ladder fabricated with side channels of specified size and guage duly fixed with rungs of 35x15 mm run @ 10"C/C i/c the cost of coupler plates (1-1/4"x8") and hardwares as approved and directed by the Engineer Incharge.					
	II- Side Channel (3"x1/2")					
	(d) 14SWG					
	(ii) 6"x3"	P.Rft	600.00	376.70		226,020.00
	(iv) 12"x3"	P.Rft	1,200.00	408.20		489,840.00
	Schedule Items					
	Fluke Test (Cat-6A) Per Node	Per Node	500.00	501.77		250,885.00
	OTDR	Per Node	120.00	501.77		60,212.40
	RJ-45 Connector for Cat 6A	Pcs	600.00	151.79		91,074.00
	Door Strips	R.ft	40.00	496.82		19,872.80
	Sealant Fire Resistance	P/600ml	20.00	3,601.82		72,036.40
	Sealing Brush	R.ft	40.00	289.26		11,570.40
	NON Schedule Items					
	INFORMATION AND COMMUNICATIONS TECHNOLOGY (ICT)					
	ICT Active Equipment					
	Network Active Equipment					
	Supply, Installation, Configuration, Testing and Commissioning of 48 Port Access Switches	No.	20.00	336,000.00		6,720,000.00
	Supply, Installation, Configuration, Testing and Commissioning of 24 Port Access Switches	No.	20.00	266,000.00		5,320,000.00
	Supply, Installation, Configuration, Testing and Commissioning of 48 Port Access Switches PoE+	No.	24.00	420,000.00		10,080,000.00
	Supply, Installation, Configuration, Testing and Commissioning of 24 Port Access Switches PoE+	No.	8.00	322,000.00		2,576,000.00
	Supply, Installation, Configuration, Testing and Commissioning of Firewall	No.	2.00	980,000.00		1,960,000.00
	Supply, Installation, Configuration, Testing and Commissioning of SFP 1G	No.	20.00	28,000.00		560,000.00
	Supply, Installation, Configuration, Testing and Commissioning of SFP 10G	No.	96.00	42,000.00		4,032,000.00
	IP-CCTV System					-
	Supply, Installation, Configuration, Testing and Commissioning of IP CCTV Camera (Bullet/Dome)	No.	98.00	36,500.00		3,577,000.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
	Supply, Installation, Configuration, Testing and Commissioning of IP CCTV Camera (PTZ)	No.	12.00	450,000.00		5,400,000.00
	Supply, Installation, Configuration, Testing and Commissioning of Network Video Recorder (NVR)	No.	2.00	1,752,300.00		3,504,600.00
NON Schedule Items						
INFORMATION AND COMMUNICATIONS TECHNOLOGY (ICT)						
**End user Equipment **						
	End User Equipment					
	Supply, Installation, Configuration, Testing and Commissioning of latest tablet PC of Top Tier (2) Brands	No.	50.00	450,000		22,500,000.00
	Supply, Installation, Configuration, Testing and Commissioning of Video Wall SMD COB (26 feet x 20 feet) Ground Floor Media Hall	No.	1.00	62,400,000		62,400,000.00
	Supply, Installation, Configuration, Testing and Commissioning of Video Wall SMD COB (25 feet x 20 feet) Ground Floor Media Hall	No.	1.00	60,000,000		60,000,000.00
	Supply, Installation, Configuration, Testing and Commissioning of Video Wall SMD COB (26 feet x 20 feet) Ground Floor Media Hall	No.	1.00	62,400,000		62,400,000.00
	Supply, Installation, Configuration, Testing and Commissioning of Video Wall SMD COB (32 feet x 20 feet) Ground Floor Media Hall	No.	1.00	76,800,000		76,800,000.00
	Supply, Installation, Configuration, Testing and Commissioning of Video Wall SMD COB (32 feet x 20 feet) Ground Floor Media Hall	No.	1.00	76,800,000		76,800,000.00
	Supply, Installation, Configuration, Testing and Commissioning of Video Wall SMD COB (32 feet x 20 feet) Ground Floor Media Hall	No.	1.00	76,800,000		76,800,000.00
	Supply, Installation, Configuration, Testing and Commissioning of Video Wall SMD COB (32 feet x 20 feet) Ground Floor Media Hall	No.	1.00	76,800,000		76,800,000.00
	Supply, Installation, Configuration, Testing and Commissioning of Video Wall SMD COB (26 feet x 20 feet) Ground Floor Media Hall	No.	1.00	62,400,000		62,400,000.00
	Supply, Installation, Configuration, Testing and Commissioning of Video Wall SMD COB (70 feet x 35 feet) Stage	No.	1.00	294,000,000		294,000,000.00
NON Schedule Items						
** LOOSE / MOVEABLE FURNITURE**						
**End user Equipment **						
ENTRANCE LOBBY						
3 Seater Sofa	Ergonomic chair mechanism. Elastomeric nylon mesh for backrest Pneumatic seat height adjustment Metal chrome base with PU caster wheels Faux Leatherette upholstery for seat. High density quick recovery foam for seat Design and material Finishes as approved by interior wing		3.00	450,225.00		1,350,675.00
2 Seater Sofa	Ergonomic chair mechanism. Elastomeric nylon mesh for backrest Pneumatic seat height adjustment Metal chrome base with PU caster wheels Faux Leatherette upholstery for seat. High density quick recovery foam for seat Design and material Finishes as approved by interior wing		1.00	300,150.00		300,150.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
1 Seater Sofa	Ergonomic chair mechanism. Elastomeric nylon mesh for backrest Pneumatic seat height adjustment Metal chrome base with PU caster wheels Faux Leatherette upholstery for seat. High density quick recovery foam for seat Design and material Finishes as approved by interior wing		6.00	176,175.00		1,057,050.00
SIDE TABLE	26 mm Marble top/Glass/wood veneer Solid wood structure. PU gliders for noiseless dragging Design as approved by interior wing.		12.00	202,275.00		2,427,300.00
CREDENZA	As per Approved Sample & Specifications		10.00	384,975.00		3,849,750.00
Center Table	i) 26 mm corian /glass top ii) Metal or laminate mdf based structure. Iii) PU gliders for noiseless dragging Design as approved by interior wing.		2.00	280,575.00		561,150.00
SCO ROUND TABLE HALL						
SCO EXECUTIVE TABLE	Worktop: 18–25 mm pre-laminated MDF/particle board with 2 mm PVC edge banding Frame: Powder-coated MS steel (40×40 mm or 50×25 mm profile) Modesty Panel: Laminated board or 1–1.2 mm powder-coated MS sheet Cable Management: Metal tray or aluminum raceway with grommet or flip-top access		36.00	763,425.00		27,483,300.00
EXECCUTIVE CHAIR	As per Approved Sample & Specifications		36.00	215,325.00		7,751,700.00
SCO TABLE	Worktop: 18–25 mm pre-laminated MDF/particle board with 2 mm PVC edge banding Frame: Powder-coated MS steel (40×40 mm or 50×25 mm profile) Modesty Panel: Laminated board or 1–1.2 mm powder-coated MS sheet Cable Management: Metal tray or aluminum raceway with grommet or flip-top access		81.00	450,225.00		36,468,225.00
CHAIR	Ergonomic chair mechanism. Elastomeric nylon mesh for backrest Pneumatic seat height adjustment Metal chrome base with PU caster wheels High density quick recovery foam for seat Design and material Finishes as approved by interior wing		81.00	143,550.00		11,627,550.00
AUDITORIUM CHAIRS	As per Approved Sample & Specifications		1,700.00	123,975.00		210,757,500.00
Rostrums	Solid Wood Structure.		3.00	202,275.00		606,825.00
3 Seater Sofa	i) High density quick recovery with antimicrobial finish foam ii) faux leatherette/ high performance fabric upholstery iii) Solid wood plywood structure iv) Solid wood legs as per design. v) PU gliders for noisless dragging Design as approved by interior wing		2.00	450,225.00		900,450.00
2 SEATER SOFA	High density quick recovery with antimicrobial finish foam faux leatherette/ high performance fabric upholstery Solid wood structure wooden base as per design.		2.00	300,150.00		600,300.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
1 SEATER SOFA	High density quick recovery with antimicrobial finish foam faux leatherette/ high performance fabric upholstery Solid wood plywood structure Solid wood legs as per design. PU gliders for noisless dragging Design as approved by interior wing		2.00	176,175.00		352,350.00
Side Table	i) 26 mm corian /glass top ii) Metal or laminate mdf based structure. Iii) PU gliders for noiseless dragging Design as approved by interior wing.		7.00	110,925.00		776,475.00
Center Table	i) 26 mm corian /glass top ii) Metal or laminate mdf based structure. Iii) PU gliders for noiseless dragging Design as approved by interior wing.		4.00	176,175.00		704,700.00
VIP & PM Section / Offices						
1 SEATER SOFA	High density quick recovery with antimicrobial finish foam faux leatherette/ high performance fabric upholstery Solid wood plywood structure Solid wood legs as per design. PU gliders for noisless dragging Design as approved by interior wing		16.00	215,325.00		3,445,200.00
3 SEATER CURVED SOFA	High density quick recovery with antimicrobial finish foam faux leatherette/ high performance fabric upholstery Solid wood plywood structure Solid wood legs as per design. PU gliders for noisless dragging Design as approved by interior wing		2.00	450,225.00		900,450.00
3 SEATER SOFA	High density quick recovery with antimicrobial finish foam faux leatherette/ high performance fabric upholstery Solid wood plywood structure Solid wood legs as per design. PU gliders for noisless dragging Design as approved by interior wing		2.00	528,525.00		1,057,050.00
CREDENZA	Solid wood structure Veneer pressed on carving grade MDF table top. Wooden edge banding MS 80 Microns Powder coated 18-gauge frame for base. Design and material Finishes as approved by interior wing		2.00	384,975.00		769,950.00
SIDE TABLE	26 mm Marble top/Glass/wood veneer Solid wood structure. PU gliders for noiseless dragging Design as approved by interior wing.		6.00	202,275.00		1,213,650.00
CENTER TABLE	26 mm Marble top /Corian/Glass/wood veneer Metal Or wood base PU gliders for noiseless dragging Design as approved by interior wing.		4.00	280,575.00		1,122,300.00
Executive TABLE with side rack	Solid wood structure natural wood venner pressed on 38mm mdf top. Leather padding on top with buitlin wire gourmet Design as approved by Interior Wing Polish details : Vacum seasoned wood. German Stains with 4 tier lacquer and sanding process.Shade as approved by interior wing.		1.00	1,128,825.00		1,128,825.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
EXECUTIVE OFFICE CHAIR	Ergonomic chair mechanism Faux leatherette upholstery on seat and back. High density quick recovery foam for upholstery. Pneumatic height adjustment. Adapting free tilting function to support comfortable backrest metal chrome chair base. Design and material Finishes as approved by interior wing		1.00	345,825.00		345,825.00
VISITOR CHAIR	High density quick recovery with antimicrobial finish foam faux leatherette/ high performance fabric upholstery Solid wood plywood structure Solid wood legs as per design. PU gliders for noisless dragging Design as approved by interior wing		2.00	215,325.00		430,650.00
COAT HANGER	High-quality ash wood and oak veneer with a rich Jacobean polish and high-quality SS where required. Along with tie/pant stand and shoe rack and watch placement.		1.00	76,342.50		76,342.50
STANDING LAMPS	Modern metal lamp with swing arm eye caring task lamp antique brass finish marble base.		4.00	110,925.00		443,700.00
TABLE LAMPS	MODERN METAL DESK LAMP WITH SWING ARM EYE CARING TASL LAMP ANTIQUE BRASS FINSIH MARBLE BASE		4.00	71,775.00		287,100.00
VIP ROOM (1 TO 4)						
1 SEATER SOFA	High density quick recovery with antimicrobial finish foam faux leatherette/ high performance fabric upholstery Solid wood plywood structure Solid wood legs as per design. PU gliders for noisless dragging Design as approved by interior wing		12.00	215,325.00		2,583,900.00
3 SEATER CURVED SOFA	High density quick recovery with antimicrobial finish foam faux leatherette/ high performance fabric upholstery Solid wood plywood structure Solid wood legs as per design. PU gliders for noisless dragging Design as approved by interior wing		2.00	450,225.00		900,450.00
3 SEATER SOFA	High density quick recovery with antimicrobial finish foam faux leatherette/ high performance fabric upholstery Solid wood plywood structure Solid wood legs as per design. PU gliders for noisless dragging Design as approved by interior wing		4.00	528,525.00		2,114,100.00
CREDENZA	Solid wood structure Veneer pressed on carving grade MDF table top. Wooden edge banding MS 80 Microns Powder coated 18-gauge frame for base. Design and material Finishes as approved by interior wing		4.00	384,975.00		1,539,900.00
SIDE TABLE	26 mm Marble top/Glass/wood veneer Solid wood structure. PU gliders for noiseless dragging Design as approved by interior wing.		14.00	202,275.00		2,831,850.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
CENTER TABLE	26 mm Marble top /Corian/Glass/wood veneer Metal Or wood base PU gliders for noiseless dragging Design as approved by interior wing.		8.00	280,575.00		2,244,600.00
COAT HANGER	High-quality ash wood and oak veneer with a rich Jacobean polish and high-quality SS where required. Along with tie/pant stand and shoe rack and watch placement.		2.00	76,342.50		152,685.00
STANDING LAMPS	Modern metal lamp with swing arm eye caring task lamp antique brass finish marble base.		4.00	110,925.00		443,700.00
TABLE LAMPS	MODERN METAL DESK LAMP WITH SWING ARM EYE CARING TASL LAMP ANTIQUE BRASS FINSIH MARBLE BASE		4.00	71,775.00		287,100.00
BOARD ROOMS / COMMITTEE ROOM						
BOARD ROOM TABLE (10)	Solid wood structure venner pressed on mdf top. Leather padding on top with buitlin wire gourmet Design as approved by Interior Wing Polish details : Vacum seasoned wood. German Stains with 4 tier lacquer and sanding process.Shade as approved by interior wing.		1.00	2,120,625.00		2,120,625.00
BOARD ROOM TABLE (15)	Solid wood structure venner pressed on mdf top. Leather padding on top with buitlin wire gourmet Design as approved by Interior Wing Polish details : Vacum seasoned wood. German Stains with 4 tier lacquer and sanding process.Shade as approved by interior wing.		1.00	3,125,475.00		3,125,475.00
BOARD ROOM TABLE (30)	Solid wood structure venner pressed on mdf top. Leather padding on top with buitlin wire gourmet Design as approved by Interior Wing Polish details : Vacum seasoned wood. German Stains with 4 tier lacquer and sanding process.Shade as approved by interior wing.		2.00	6,244,425.00		12,488,850.00
MEETING CHAIR	High quality ergonomic chair mechanism Faux leatherette upholstery on seat and back. High density quick recovery foam for upholstery. padding on arms Pneumatic height adjustment. Adapting free tilting function to support comfortable backrest High quality SS Steel base with PU caster wheels.		85.00	123,975.00		10,537,875.00
2 SEATER SOFA	High density quick recovery with antimicrobial finish foam faux leatherette/ high performance fabric upholstery Solid wood structure wooden base as per design.		35.00	300,150.00		10,505,250.00
1 SEATER SOFA	High density quick recovery with antimicrobial finish foam faux leatherette/ high performance fabric upholstery Solid wood structure wooden base as per design.		12.00	176,175.00		2,114,100.00
CREDENZA	Anti-scratch, heat resistant melamine coated laminate. MS powder coated 80 microns base structure 25mm top,18 mm sides 2mm PVC matching edge bending Design and material Finishes as approved by interior wingg		9.00	384,975.00		3,464,775.00
SIDE TABLE	26 mm Marble top /Glass/wood veneer Solid wood structure. PU gliders for noiseless dragging Design as approved by interior wing.		49.00	202,275.00		9,911,475.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
CENTER TABLE	26 mm Marble top /Corian/Glass/wood veneer Metal Or wood base PU gliders for noiseless dragging Design as approved by interior wing.		2.00	280,575.00		561,150.00
MEETING ROOMS						
EXECUTIVE CHAIR	Ergonomic chair mechanism Faux leatherette upholstery on seat and back. High density quick recovery foam for upholstery. Pneumatic height adjustment. Adapting free tilting function to support comfortable backrest metal chrome chair base. Design and material Finishes as approved by interior wing		16.00	215,325.00		3,445,200.00
VISITOR CHAIR	High density quick recovery with antimicrobial finish foam faux leatherette/ high performance fabric upholstery Solid wood plywood structure Solid wood legs as per design. PU gliders for noisless dragging Design as approved by interior wing		96.00	215,325.00		20,671,200.00
CENTER TABLE	26 mm Marble top /Corian/Glass/wood veneer Metal Or wood base PU gliders for noiseless dragging Design as approved by interior wing.		24.00	280,575.00		6,733,800.00
SIDE TABLE	26 mm Marble top/Glass/wood veneer Solid wood structure. PU gliders for noiseless dragging Design as approved by interior wing.		8.00	202,275.00		1,618,200.00
CREDENZA	Anti-scratch, heat resistant melamine coated laminate. MS powder coated 80 microns base structure 25mm top,18 mm sides 2mm PVC matching edge bending Design and material Finishes as approved by interior wingg		8.00	384,975.00		3,079,800.00
STANDING FLAGS	High density quick recovery with antimicrobial finish foam faux leatherette/ high performance fabric upholstery Solid wood plywood structure Solid wood legs as per design. PU gliders for noisless dragging Design as approved by interior wing		16.00	61,987.50		991,800.00
BACKUP MEDIA / SECURITY ROOM / GOVT MEDIA						
EXECUTIVE CHAIR	Ergonomic chair mechanism Faux leatherette upholstery on seat and back. High density quick recovery foam for upholstery. Pneumatic height adjustment. Adapting free tilting function to support comfortable backrest metal chrome chair base. Design and material Finishes as approved by interior wing		2.00	215,325.00		430,650.00
VISITOR CHAIR	High density quick recovery with antimicrobial finish foam faux leatherette/ high performance fabric upholstery Solid wood plywood structure Solid wood legs as per design. PU gliders for noisless dragging Design as approved by interior wing		35.00	215,325.00		7,536,375.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
CREDENZA	Anti-scratch, heat resistant melamine coated laminate. MS powder coated 80 microns base structure 25mm top,18 mm sides 2mm PVC matching edge bending Design and material Finishes as approved by interior wingg		3.00	384,975.00		1,154,925.00
STANDING FLAGS	High density quick recovery with antimicrobial finish foam faux leatherette/ high performance fabric upholstery Solid wood plywood structure Solid wood legs as per design. PU gliders for noisless dragging Design as approved by interior wing		2.00	61,987.50		123,975.00
SIDE TABLE	26 mm Marble top/Glass/wood veneer Solid wood structure. PU gliders for noiseless dragging Design as approved by interior wing.		43.00	202,275.00		8,697,825.00
CENTER TABLE	26 mm Marble top /Corian/Glass/wood veneer Metal Or wood base PU gliders for noiseless dragging Design as approved by interior wing.		18.00	280,575.00		5,050,350.00
1 SEATER SOFA	High density quick recovery with antimicrobial finish foam faux leatherette/ high performance fabric upholstery Solid wood plywood structure Solid wood legs as per design. PU gliders for noisless dragging Design as approved by interior wing		24.00	176,175.00		4,228,200.00
3 SEATER SOFA	High density quick recovery with antimicrobial finish foam faux leatherette/ high performance fabric upholstery Solid wood plywood structure Solid wood legs as per design. PU gliders for noisless dragging Design as approved by interior wing		28.00	450,225.00		12,606,300.00
LOUNGES						
1 SEATER SOFA	High density quick recovery with antimicrobial finish foam faux leatherette/ high performance fabric upholstery Solid wood plywood structure Solid wood legs as per design. PU gliders for noisless dragging Design as approved by interior wing		37.00	215,325.00		7,967,025.00
3 SEATER CURVED SOFA	High density quick recovery with antimicrobial finish foam faux leatherette/ high performance fabric upholstery Solid wood plywood structure Solid wood legs as per design. PU gliders for noisless dragging Design as approved by interior wing		10.00	450,225.00		4,502,250.00
3 SEATER SOFA	High density quick recovery with antimicrobial finish foam faux leatherette/ high performance fabric upholstery Solid wood plywood structure Solid wood legs as per design. PU gliders for noisless dragging Design as approved by interior wing		17.00	528,525.00		8,984,925.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
CREDENZA	Solid wood structure Veneer pressed on carving grade MDF table top. Wooden edge banding MS 80 Microns Powder coated 18-gauge frame for base. Design and material Finishes as approved by interior wing		4.00	384,975.00		1,539,900.00
SIDE TABLE	26 mm Marble top/Glass/wood veneer Solid wood structure. PU gliders for noiseless dragging Design as approved by interior wing.		29.00	202,275.00		5,865,975.00
CENTER TABLE	26 mm Marble top /Corian/Glass/wood veneer Metal Or wood base PU gliders for noiseless dragging Design as approved by interior wing.		22.00	280,575.00		6,172,650.00
COAT HANGER	High-quality ash wood and oak veneer with a rich Jacobean polish and high-quality SS where required. Along with tie/pant stand and shoe rack and watch placement.		4.00	76,342.50		305,370.00
STANDING LAMPS	Modern metal lamp with swing arm eye caring task lamp antique brass finish marble base.		5.00	110,925.00		554,625.00
TABLE LAMPS	MODERN METAL DESK LAMP WITH SWING ARM EYE CARING TASL LAMP ANTIQUE BRASS FINSIH MARBLE BASE		10.00	71,775.00		717,750.00
CONTROL ROOM / BACKUP CONTROL ROOM						
LINEAR WORKSTATION (With Drawer pedestal)	Worktop: 18–25 mm pre-laminated MDF/particle board with 2 mm PVC edge banding Frame: Powder-coated MS steel (40×40 mm or 50×25 mm profile) Modesty Panel: Laminated board or 1–1.2 mm powder-coated MS sheet Cable Management: Metal tray or aluminum raceway with grommet or flip-top access		8.00	163,125.00		1,305,000.00
4 PERSON CONTROL ROOM TABLE	Worktop: 18–25 mm pre-laminated MDF/particle board with 2 mm PVC edge banding Frame: Powder-coated MS steel (40×40 mm or 50×25 mm profile) Modesty Panel: Laminated board or 1–1.2 mm powder-coated MS sheet Cable Management: Metal tray or aluminum raceway with grommet or flip-top access		7.00	606,825.00		4,247,775.00
STAFF CHAIR	Ergonomic chair mechanism. Elastomeric nylon mesh for backrest Pneumatic seat height adjustment Metal chrome base with PU caster wheels High density quick recovery foam for seat Design and material Finishes as approved by interior wing		36.00	94,612.00		3,406,032.00
OFFICES 1ST FLOOR						
TABLE with side rack	Solid wood structure natural wood venner pressed on 38mm mdf top. Leather padding on top with buitlin wire gourmet Design as approved by Interior Wing Polish details : Vacum seasoned wood. German Stains with 4 tier lacquer and sanding process.Shade as approved by interior wing.		8.00	763,425.00		6,107,400.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
OFFICE CHAIR	Ergonomic chair mechanism Faux leatherette upholstery on seat and back. High density quick recovery foam for upholstery. Pneumatic height adjustment. Adapting free tilting function to support comfortable backrest metal chrome chair base. Design and material Finishes as approved by interior wing		8.00	123,975.00		991,800.00
VISITOR CHAIR	High density quick recovery with antimicrobial finish foam faux leatherette/ high performance fabric upholstery Solid wood plywood structure Solid wood legs as per design. PU gliders for noisless dragging Design as approved by interior wing		16.00	215,325.00		3,445,200.00
3 SEATER SOFA	High density quick recovery with antimicrobial finish foam faux leatherette/ high performance fabric upholstery Solid wood plywood structure Solid wood legs as per design. PU gliders for noisless dragging Design as approved by interior wing		5.00	450,225.00		2,251,125.00
3 SEATER CURVED SOFA	High density quick recovery with antimicrobial finish foam faux leatherette/ high performance fabric upholstery Solid wood plywood structure Solid wood legs as per design. PU gliders for noisless dragging Design as approved by interior wing		1.00	450,225.00		450,225.00
1 SEATER SOFA	High density quick recovery with antimicrobial finish foam faux leatherette/ high performance fabric upholstery Solid wood plywood structure Solid wood legs as per design. PU gliders for noisless dragging Design as approved by interior wing		15.00	176,175.00		2,642,625.00
CREDENZA	Solid wood structure Veneer pressed on carving grade MDF table top. Wooden edge banding MS 80 Microns Powder coated 18-gauge frame for base. Design and material Finishes as approved by interior wing		8.00	384,975.00		3,079,800.00
SIDE TABLE	26 mm Marble top/Glass/wood veneer Solid wood structure. PU gliders for noiseless dragging Design as approved by interior wing.		17.00	202,275.00		3,438,675.00
CENTER TABLE	26 mm Marble top /Corian/Glass/wood veneer Metal Or wood base PU gliders for noiseless dragging Design as approved by interior wing.		5.00	280,575.00		1,402,875.00
COAT HANGER	High-quality ash wood and oak veneer with a rich Jacobean polish and high-quality SS where required. Along with tie/pant stand and shoe rack and watch placement.		8.00	76,342.50		610,740.00
STANDING LAMPS	Modern metal lamp with swing arm eye caring task lamp antique brass finish marble base.		8.00	110,925.00		887,400.00

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Ref. No.	Description	Unit	Qty	Rate		Amount
NEW CONSTRUCTION						
CIVIL WORKS						
MAIN BUILDING WORK						
TABLE LAMPS	MODERN METAL DESK LAMP WITH SWING ARM EYE CARING TASL LAMP ANTIQUE BRASS FINSIH MARBLE BASE		8.00	71,775.00		574,200.00
Cafeteria						
Dining Table (4 Person)	Laminated MDF table top Base poweder quoated ss frame Design and material Finishes as approved by interior wing		10.00	179,437.50		1,794,375.00
Dining Table (6 Person)	Laminated MDF table top Base poweder quoated ss frame Design and material Finishes as approved by interior wing		2.00	267,525.00		535,050.00
3 SEATER SOFA	High density quick recovery with antimicrobial finish foam faux leatherette/ high performance fabric upholstery Solid wood plywood structure Solid wood legs as per design. PU gliders for noisless dragging Design as approved by interior wing		3.00	450,225.00		1,350,675.00
Dining Chair	Leatherette upholstery on seat and back High density quick recovery antimicrobial finish foam for upholstery. Solid wood and plywood durable structure. Design and material Finishes as approved by interior wing		46.00	71,775.00		3,301,650.00
INTERIOR ITEMS						
BINS WITHOUT LID	SS CHROME FINISH DESIGN AS PER APPROVED INTERIOR WING		35.00	26,100.00		913,500.00
BINS WITH LID	SS CHROME FINISH DESIGN AS PER APPROVED INTERIOR WING		10.00	42,412.50		424,125.00
ASH BINS	SS CHROME FINISH DESIGN AS PER APPROVED INTERIOR WING		10.00	31,972.50		319,725.00
PLANTER (WITH NATURAL PLANT)	FIBER GLASS STRUCTURE		45.00	76,342.50		3,435,412.50
AUTOMATED BLINDS	As per Approved Sample & Specifications		6,970.00	4,374.87		30,492,843.90
Artwork / framed decorative pieces / mirrors	Canvas painting with framing and glass		50.00	110,925.00		5,546,250.00
Rugs	As per Approved Sample & Specifications		20.00	371,925.00		7,438,500.00
Sculptures, objets, vases, bowls and tabletop accessories	As per Approved Sample & Specifications		1.00	3,197,250.00		3,197,250.00
Executive & meeting-room accessories	As per Approved Sample & Specifications		1.00	1,761,750.00		1,761,750.00
Large custom chandeliers / feature pendants shown in Convention, Banquet and Media Halls	As per Approved Sample & Specifications		1.00	7,177,500.00		7,177,500.00

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CONSTRUCTION EXPERIENCE

Form EXP - 4.1
General Construction Experience

Bidder's Name: _____
Date: _____
JV Member's Name_____
Bid Reference No. (if any) and title: _____
Page _____of _____pages

Starting Year	Ending Year	Contract Identification	Role of Bidder
		Contract name: _____ Brief Description of the Works performed by the Bidder: _____ Amount of contract: _____ Name of EMPLOYER: _____ Address: _____	
		Contract name: _____ Brief Description of the Works performed by the Bidder: _____ Amount of contract: _____ Name of EMPLOYER: _____ Address: _____	
		Contract name: _____ Brief Description of the Works performed by the Bidder: _____ Amount of contract: _____ Name of EMPLOYER: _____ Address: _____	

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Form EXP - 4.2(a)

Specific Construction and Contract Management Experience

Bidder's Name: _____
Date: _____
JV Member's Name_____
Bid Reference No. (if any) and title: _____
Page _____of _____pages

Similar Contract No.	**Information**			
Contract Identification				
Award date				
Completion date				
Role in Contract	Prime Contractor ☐	Member in JV ☐	Management Contractor ☐	Sub-contractor ☐
Total Contract Amount			PKR equivalent	
If member in a JV or sub-contractor, specify participation in total Contract amount				
EMPLOYER's Name:				
Address: Telephone/fax number E-mail:				

Form EXP - 4.2(a) (cont.)
Specific Construction and Contract Management Experience (cont.)

Similar Contract No.	**Information**
Description of the similarity in accordance with Sub-Factor 4.2(a) of Section III:	
1. Amount	
2. Physical size of required works items	
3. Complexity	
4. Methods/Technology	
5. Construction rate for key activities	
6. Other Characteristics	

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Form EXP - 4.2(b)
Construction Experience in Key Activities

Bidder's Name: _____
Date: _____
Bidder's JV Member Name: _____
Sub-contractor's Name (if any): _____
Bid Reference No. (if any) and title: _____

Page _____of _____pages

All Sub-contractors for key activities must complete the information and Qualification Criteria and Requirements, Sub-Factor 4.2.

1. Key Activity No One: _____

	Information			
Contract Identification				
Award date				
Completion date				
Role in Contract	Prime Contractor ☐	Member in JV ☐	Management Contractor ☐	Sub-contractor ☐
Total Contract Amount			PKR equivalent	
Quantity (Volume, number or rate of production, as applicable) performed under the contract per year or part of the year	Total quantity in the contract (i)	Percentage participation (ii)		Actual Quantity Performed (i) x (ii)
Year 1				
Year 2				
Year 3				
Year 4				
EMPLOYER's Name:				
Address: Telephone/fax number				

	Information
E-mail:	

2. Activity No. Two

3. ……

	Information
Description of the key activities in accordance with Section III:	

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Form EXP - 4.2 (c)
Specific Experience in Managing ES aspects

[The following table shall be filled in for contracts performed by the Bidder, and each member of a Joint Venture]

Bidder's Name: *[insert full name]*
Date: *[insert day, month, year]*
Joint Venture Member Name: *[insertfull name]*
Bid Reference No. (if any) and title: *[insert ICB/NCB number and title]*
Page *[insert page number]* of *[insert total number]* pages

1. Key Requirement no 1 in accordance with 4.2 (c): _____

Contract Identification				
Award date				
Completion date				
Role in Contract	Prime Contractor ☐	Member in JV ☐	Management Contractor ☐	Subcontractor ☐
Total Contract Amount			PKR	
Details of relevant experience				

2. Key Requirement no 2 in accordance with 4.2 (c): _____

3. Key Requirement no 3 in accordance with 4.2 (c): _____

4. [PA define key requirements]

Contractor's Representative and Key Personnel Schedule

Bidders should provide the names and details of the suitably qualified Contractor's Representative and Key Personnel to perform the Contract. The data on their experience should be supplied using the Form PER-2 below for each candidate.

Contractor' Representative and Key Personnel

1.	**Title of position:**	
	Name of candidate:	
	Duration of appointment:	[*insert the whole period (start and end dates) for which this position will be engaged*]
	Time commitment: for this position:	[*insert the number of days/week/months/ that has been scheduled for this position*]
	Expected time schedule for this position:	[*insert the expected time schedule for this position (e.g. attach high level Gantt chart*]
2.	**Title of position:**	
	Name of candidate:	
	Duration of appointment:	[*insert the whole period (start and end dates) for which this position will be engaged*]
	Time commitment: for this position:	[*insert the number of days/week/months/ that has been scheduled for this position*]
	Expected time schedule for this position:	[*insert the expected time schedule for this position (e.g. attach high level Gantt chart*]
3.	**Title of position:**	
	Name of candidate:	
	Duration of appointment:	[*insert the whole period (start and end dates) for which this position will be engaged*]
	Time commitment: for this position:	[*insert the number of days/week/months/ that has been scheduled for this position*]
	Expected time schedule for this position:	[*insert the expected time schedule for this position (e.g. attach high level Gantt chart*]
4.	**Title of position:**	
	Name of candidate:	
	Duration of appointment:	[*insert the whole period (start and end dates) for which this position will be engaged*]

	Time commitment: for this position:	[*insert the number of days/week/months/ that has been scheduled for this position*]
	Expected time schedule for this position:	[*insert the expected time schedule for this position (e.g. attach high level Gantt chart*]
5.	**Title of position:**	
	Name of candidate	
	Duration of appointment:	[*insert the whole period (start and end dates) for which this position will be engaged*]
	Time commitment: for this position:	[*insert the number of days/week/months/ that has been scheduled for this position*]
	Expected time schedule for this position:	[*insert the expected time schedule for this position (e.g. attach high level Gantt chart*]
6.	**Title of position:** *[insert title]*	
	Name of candidate	
	Duration of appointment:	[*insert the whole period (start and end dates) for which this position will be engaged*]
	Time commitment: for this position:	[*insert the number of days/week/months/ that has been scheduled for this position*]
	Expected time schedule for this position:	[*insert the expected time schedule for this position (e.g. attach high level Gantt chart*]

Form PER-2:
Resume and Declaration
Contractor's Representative and Key Personnel

Name of Bidder

Position [*#1*]: [*title of position from Form PER-1*]		
Personnel information	**Name:**	**Date of birth:**
	Address:	**E-mail:**
	Professional qualifications:	
	Academic qualifications:	
	Language proficiency:*[language and levels of speaking, reading and writing skills]*	
details		
	Address of Employer:	
	Telephone:	**Contact (manager / personnel officer):**
	Fax:	
	Job title:	**Years with present Employer:**

Summarize professional experience in reverse chronological order. Indicate particular technical and managerial experience relevant to the project.

Project	**Role**	**Duration of involvement**	**Relevant experience**
[main project details]	*[role and responsibilities on the project]*	*[time in role]*	*[describe the experience relevant to this position]*

Declaration

I, the undersigned *[insert either "Contractor's Representative" or "Key Personnel" as applicable]* , certify that to the best of my knowledge and belief, the information contained in this Form PER-2 correctly describes myself, my qualifications and my experience.

I confirm that I am available as certified in the following table and throughout the expected time schedule for this position as provided in the Bid:

Commitment	**Details**
Commitment to duration of contract:	*[insert period (start and end dates) for which this Contractor's Representative orKey Personnel is available to work on this contract]*
Time commitment:	*[insert period (start and end dates) for which this Contractor's Representative orKey Personnel is available to work on this contract]*

I understand that any misrepresentation or omission in this Form may:

(a) be taken into consideration during Bid evaluation;

(b) result in my disqualification from participating in the Bid;

(c) result in my dismissal from the contract.

Name of Contractor's Representative or **Key Personnel: [*insert name*]**

Signature: _____

Date: (day month year): _____

Countersignature of authorized representative of the Bidder:

Signature: _____

Date: (day/month/year): _____

Financial Resources

Specify proposed sources of financing, such as liquid assets, unencumbered real assets, lines of credit, and other financial means, net of current commitments, available to meet the total construction cash flow demands of the subject contract or contracts as specified in Eligibility and Qualification Criteria.

No.	**Source of financing**	**Amount (Eq. PKR)**
1		
2		
3		

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Past Experience / Contracts

Contracts over *[insert amount]* during the last three years:				
Procuring Agency	Value	Year	Goods/Services Supplied	Country of Destination

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Historical Contract Non-Performance, and Pending Litigation and Litigation History

[The following table shall be filled in for the Applicant and for each member of a Joint Venture]

Applicant's Name: *[insert full name]*
Date: *[insert day, month, year]*
Joint Venture Member Name: *[insert full name]*
IFP No. and title: *[insert IFP number and title]*
Page *[insert page number]* of *[insert total number]* pages

☐ Not debarred due to deviation from commitment of Bid Securing Declaration-☐ Not debarred due to non-performance			
Year	**Non-performed portion of contract**	**Contract Identification**	**Total Contract Amount (current value, currency, exchange rate and PKR equivalent)**
[insert year]	*[insert amount and percentage]*	Contract Identification: *[indicate complete contract name/ number, and any other identification]* Name of Procuring Agency: *[insert full name]* Address of Procuring Agency: *[insert street/city/country]* Reason(s) for nonperformance: *[indicate main reason(s)]*	*[insert amount]*
Pending Litigation, in accordance with Section III, Qualification Criteria and Requirements			
☐ Pending litigation in accordance with Section III, Qualification Criteria and Requirements, Sub-Factor 2.3 as indicated below.			

Year of dispute	**Amount in dispute (currency)**	**Contract Identification**	**Total Contract Amount (currency), ~~US$~~ PKR Equivalent (exchange rate)**

[insert year]	*[insert amount]*	Contract Identification: [indicate complete contract name, number, and any other identification] Name of Procuring Agency: *[insert full name]* Address of Procuring Agency: *[insert street/city/country]* Matter in dispute: *[indicate main issues in dispute]* Party who initiated the dispute: *[indicate "Procuring Agency" or "Supplier"]* Status of dispute: *[Indicate if it is being treated by the Adjudicator, under Arbitration or being dealt with by the Judiciary]*	*[insert amount]*

☐ No consistent history of court/arbitral award decisions in accordance with Section III, Qualification Criteria and Requirements, Sub-Factor 2.4.

☐ Consistent history of court/arbitral award decisions in accordance with Section III, Qualification Criteria and Requirements, Sub-Factor 2.4 as indicated below.

Year of award	**Outcome as percentage of Net Worth**	**Contract Identification**	**Total Contract Amount (currency), PKR Equivalent (exchange rate)**
[insert year]	*[insert percentage]*	Contract Identification: [indicate complete contract name, number, and any other identification] Name of Procuring Agency: *[insert full name]* Address of Procuring Agency: *[insert street/city/country]* Matter in dispute: *[indicate main issues in dispute]* Party who initiated the dispute: *[indicate "Procuring Agency" or "Supplier"]* Court/ arbitral award decision: *[Indicate if the award decision was against the Applicant or any member of a joint venture.]y]*	*[insert amount]*

Current Contract Commitments / Works in Progress

Bidders and each member to a JV should provide information on their current commitments on all contracts that have been awarded, or for which a letter of intent or acceptance has been received, or for contracts approaching completion, but for which an unqualified, full completion certificate has yet to be issued.

Current Contract Commitments					
No.	Name of Contract	**Employer's Contact Address, Tel, Fax**	**Value of Outstanding Work [Current Eq. PKR]**	**Estimated Completion Date**	**Average Monthly Invoicing Over Last Six Months [Eq. PKR/month)]**
1					
2					
3					
4					
5					

PUBLIC PROCUREMENT REGULATORY AUTHORITY (PPRA) EPADS

Financial Situation and Performance

[The following table shall be filled in for the Applicant and for each member of a Joint Venture]

Applicant's Name: *[insert full name]*
Date: *[insert day, month, year]*
Joint Venture Member Name: *[insert full name]*
IFP No. and title: *[insert IFP number and title]*
Page *[insert page number]* of *[insert total number]* pages

1. Financial data

Type of Financial information in (currency)	**Historic information for previous _[insert number] years, [insert in words] (amount in currency, currency, exchange rate*, PKR equivalent)**				
	Year 1	Year 2	Year 3		
Statement of Financial Position (Information from Balance Sheet)					
Total Assets (TA)					
Total Liabilities (TL)					
Total Equity/Net Worth (NW)					
Current Assets (CA)					
Current Liabilities (CL)					
Working Capital (WC)					
Information from Income Statement					
Total Revenue (TR)					
Profits Before Taxes (PBT)					
Cash Flow Information					
Cash Flow from Operating Activities					

* Refer ITA 14 for the exchange rate

3. Financial documents

The Applicant and in case of JV, members of JV shall provide copies of financial statements for *[number]* years pursuant Section III, Qualifications Criteria and Requirements. The financial statements shall:

(a) reflect the financial situation of the Applicant or in case of JV member, and not an affiliated entity (such as parent company or group member).

(b) be independently audited or certified in accordance with local legislation.

(c) be complete, including all notes to the financial statements.

(d) correspond to accounting periods already completed and audited.

☐ Attached are copies of financial statements[1] for the *[number]* years required above; and complying with the requirements.

[1] If the most recent set of financial statements is for a period earlier than 12 months from the date of Application, the reason for this should be justified.

Average Annual Turnover (Annual Sales Value)

[The following table shall be filled in for the Applicant and for each member of a Joint Venture]

Applicant's Name: *[insert full name]*
Date: *[insert day, month, year]*
Joint Venture Member Name: *[insert full name]*
IFP No. and title: *[insert IFP number and title]*
Page *[insert page number]* of *[insert total number]* pages

Annual Turnover Data			
Year	**Amount** **Currency**	**Exchange rate*** **(If applicable)**	**PKR equivalent**
[indicate calendar year]	*[insert amount and indicate currency]*		
		Average Annual Turnover **	

* Refer ITA for date and source of exchange rate.

** Total PKR equivalent for all years divided by the total number of years. See Section III, Qualification Criteria and Requirements, ITA.

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