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Anwar Ali Architects (Pvt.) Ltd.
Consulting, Architects, Engineers
Planners & Management Consultants
06 HBF6 BLOCK A FAISAL TOWN LAHORE

leit-werk

AR ENGINEERS
Architects, Structural, Earthquake Engineering, Geo Technical,
Public Health, Highway, Electrical Design Solution.

Office # 4, 2nd Floor, Sultana Arcade Firdous Market, Gulberg-III, Lahore.
Ph: 042-35831906 03008813921, E-mail: arengineers786@gmail.com

**Consultancy Services for
New Air Traffic Control Tower
(ATCT), Fire Station and Allied
Facilities at Skardu
International Airport**

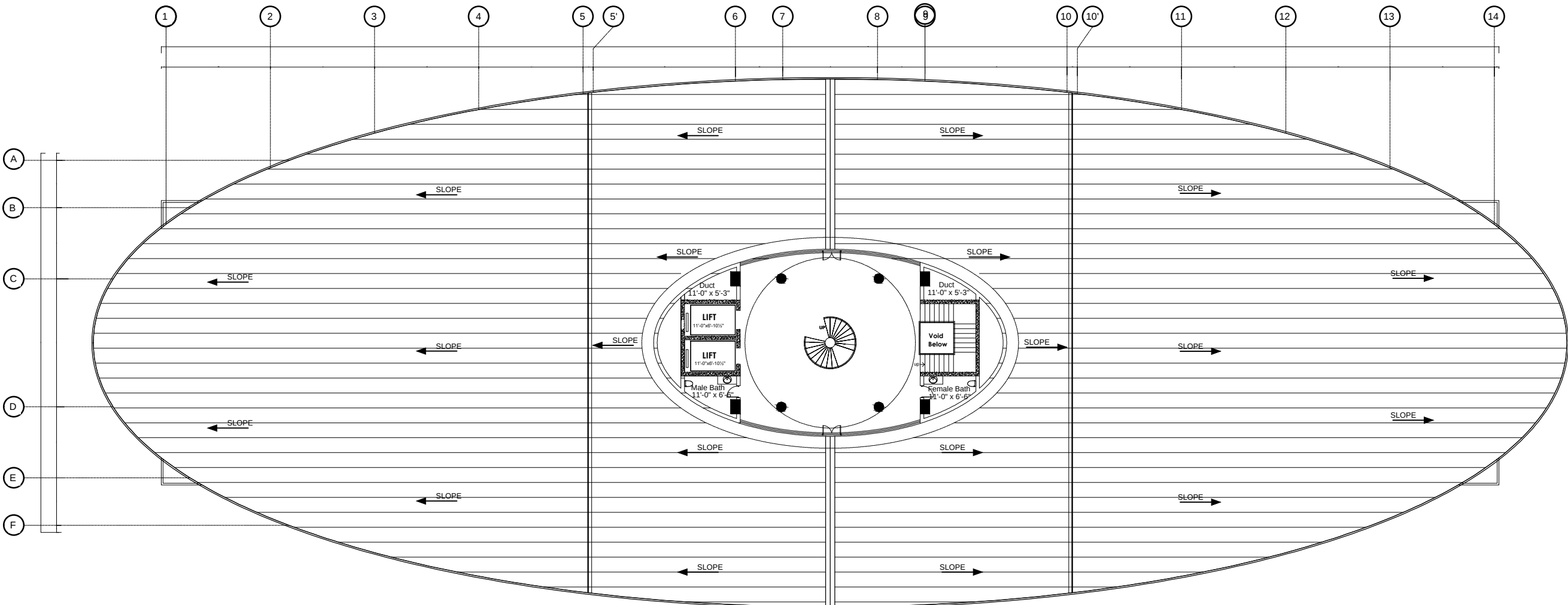
Sheet Name
SPACE FRAME LAYOUT

Date	April, 2026
Scale	NTS
Drawn by	Engr. ABDULLAH JAVAID (Civil/59178)
Checked by	Engr M. Aamir (Civil/10584)
Approved by	Engr. Dr M- Rizwan
Drawing No.	S-17



SPACE FRAMING LAYOUT PLAN

ISSUE FOR TENDER

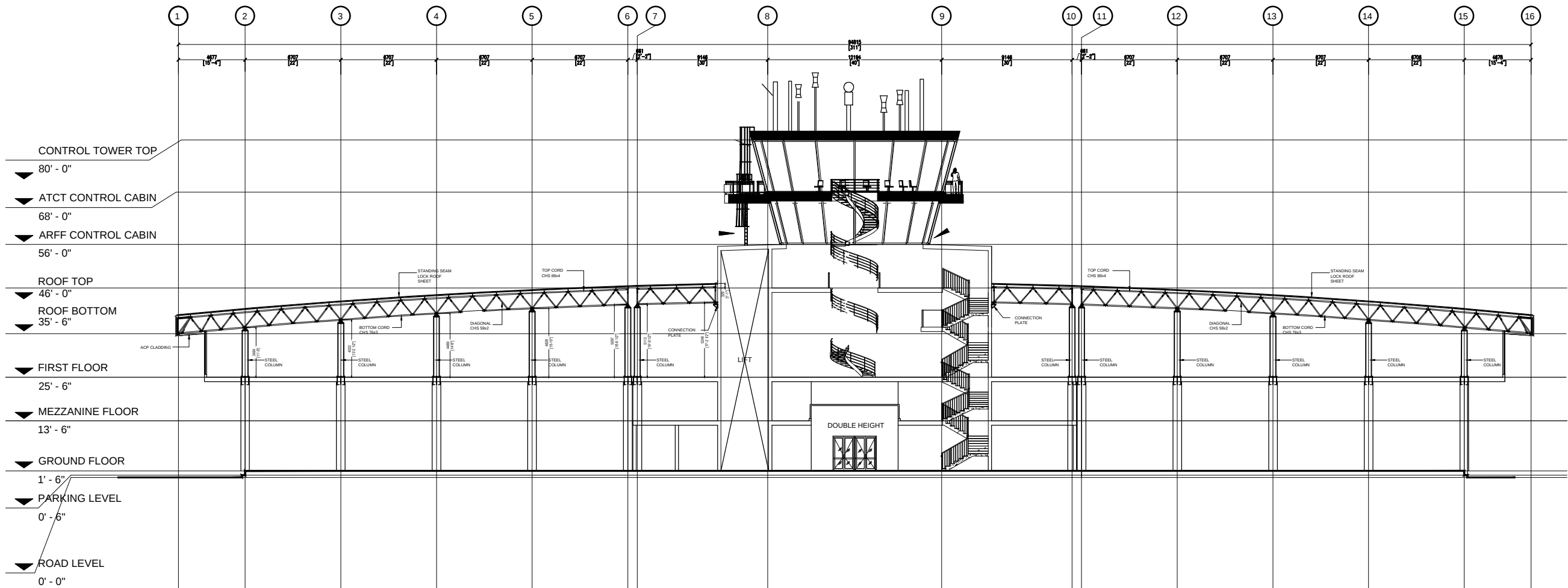


ROOF FLOOR PLAN LEVEL AT 46'-0"
COVERED AREA 2792 Sft

ROOF SHEETING PLAN

ISSUE FOR TENDER

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CLIENT NAME 	
MAIN CONSULTANT 	
JV MEMBERS 	
STRUCTURAL CONSULTANT 	
MEP CONSULTANT	
Project Name Consultancy Services for New Air Traffic Control Tower (ATCT), Fire Station and Allied Facilities at Skardu International Airport	
Detailed Structural Design Drawings	
Sheet Name ROOF SHEETING PLAN	
Date	April, 2026
Scale	NTS
Drawn by	Engr. ABDULLAH JAVAID (Civl/59178)
Checked by	Engr M. Aamir (Civl/10584)
Approved by	Engr. Dr M- Rizwan
Drawing No.	S-18



LONGITUDINAL SECTION

ISSUE FOR TENDER

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JV MEMBERS



STRUCTURAL CONSULTANT



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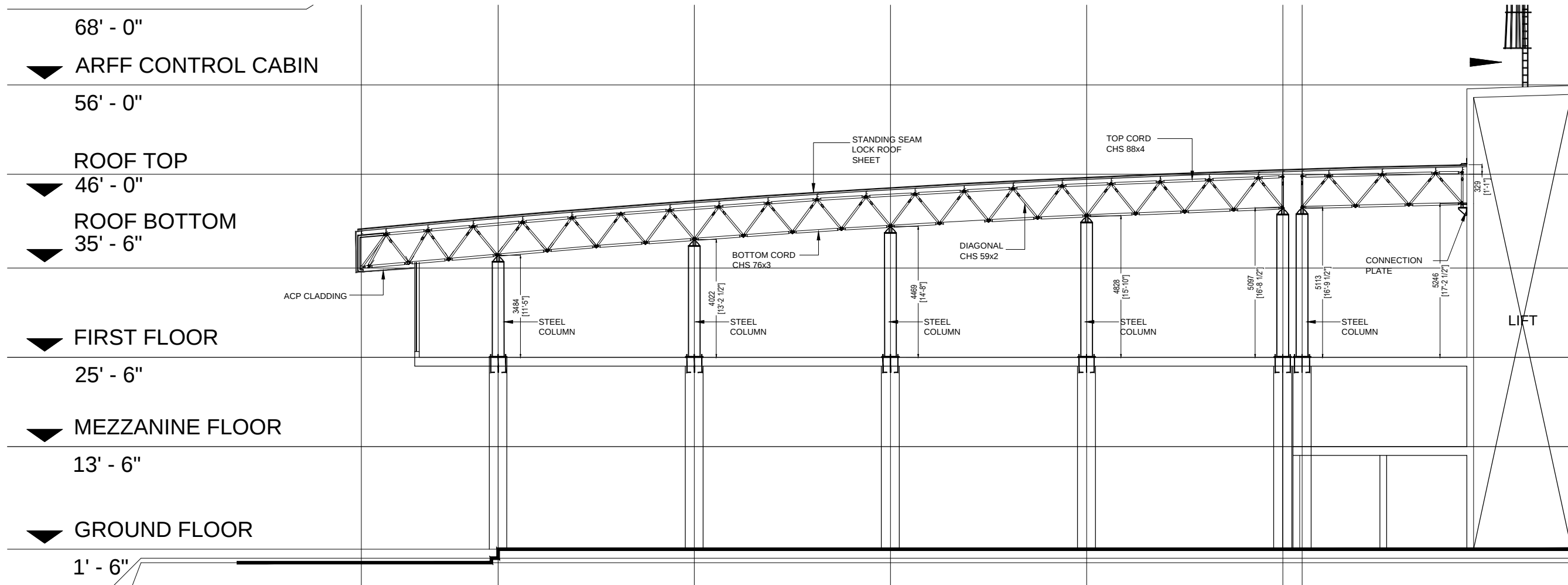
MEP CONSULTANT

Project Name
Consultancy Services for
New Air Traffic Control Tower
(ATCT), Fire Station and Allied
Facilities at Skardu
International Airport

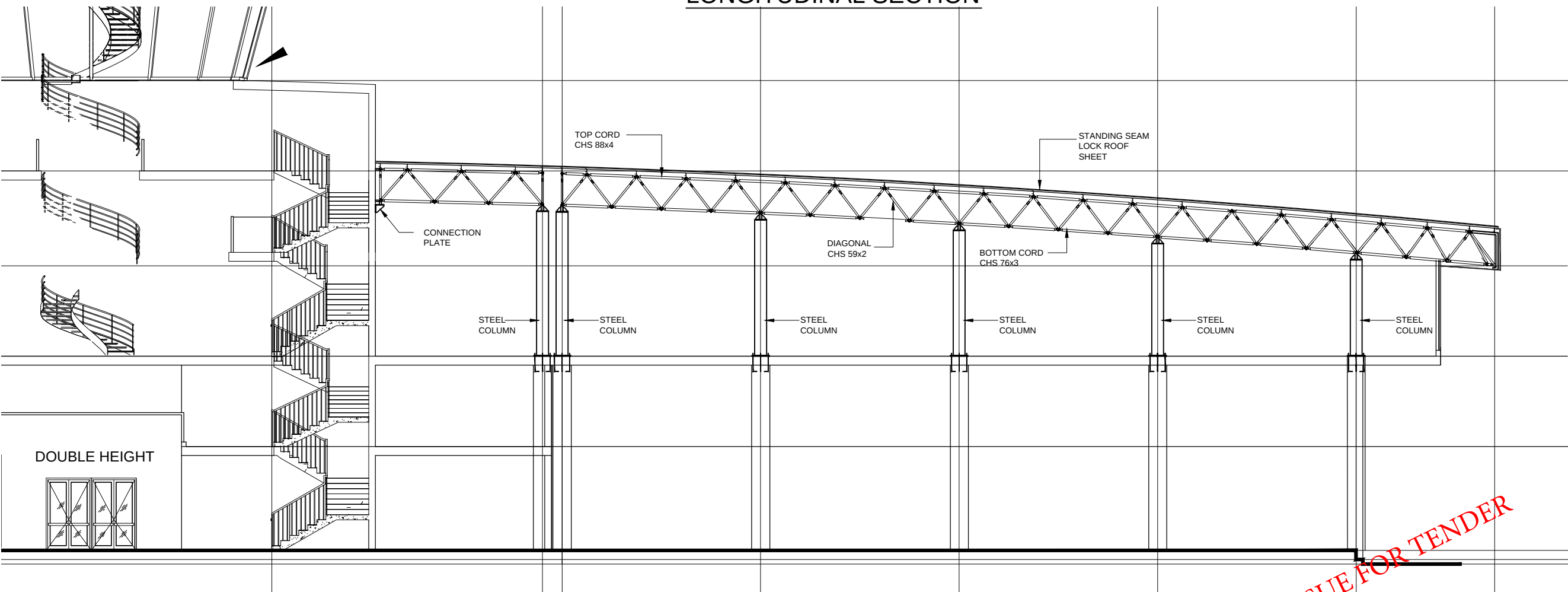
**Detailed Structural
Design Drawings**

Sheet Name
LONGITUDINAL SECTION

Date	April, 2026
Scale	NTS
Drawn by	Engr. ABDULLAH JAVAID (Civil/5917)
Checked by	Engr M. Aamir (Civil/10584)
Approved by	Engr. Dr M- Rizwan
Drawing No.	S-19



LONGITUDINAL SECTION



LONGITUDINAL SECTION

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MEP CONSULTANT

Project Name

Consultancy Services for New Air Traffic Control Tower (ATCT), Fire Station and Allied Facilities at Skardu International Airport

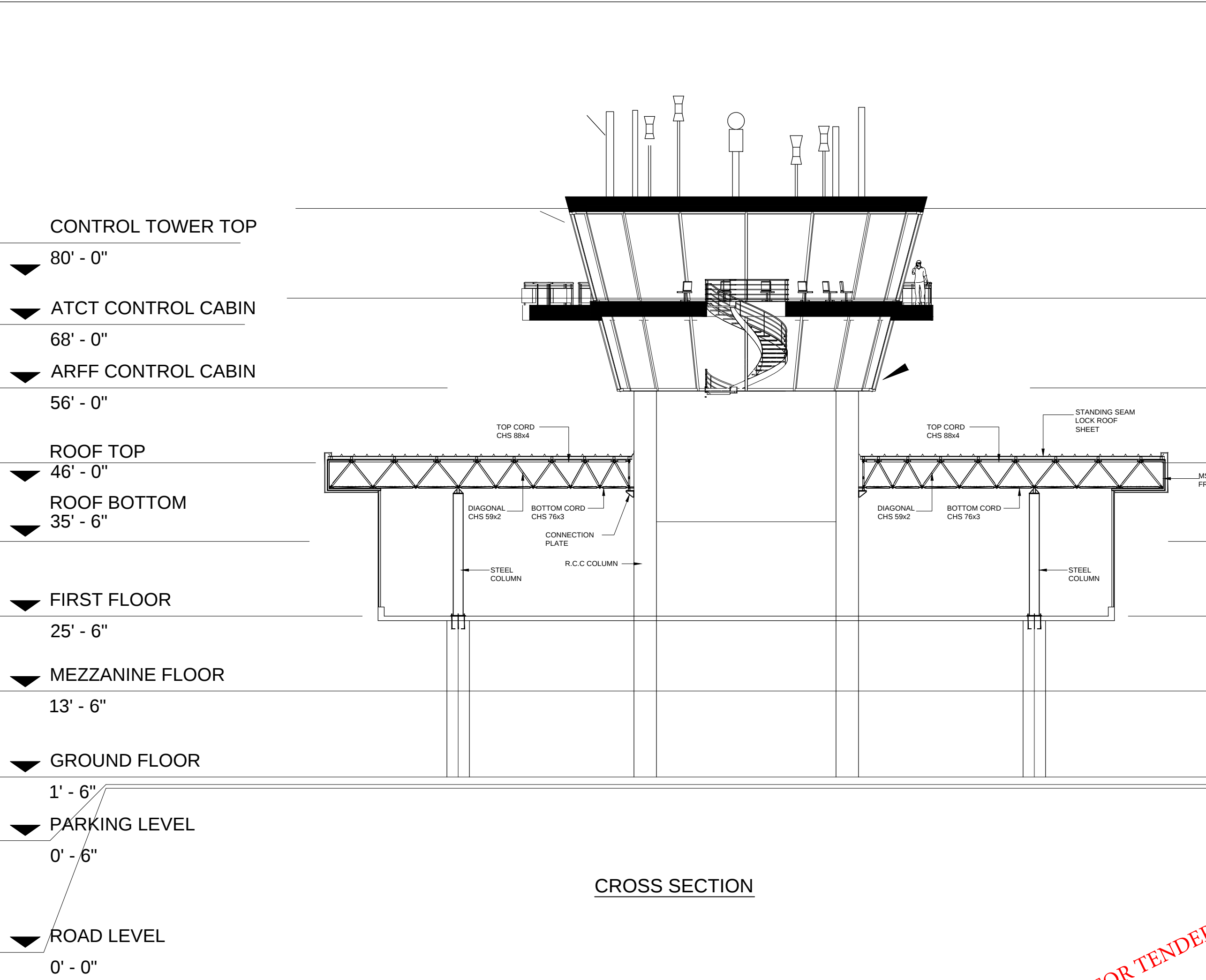
Detailed Structural Design Drawings

Sheet Name

SECTIONS

Date	April, 2026
Scale	NTS
Drawn by	Engr. ABDULLAH JAVAID (Civl/5917)
Checked by	Engr M. Aamir (Civl/10584)
Approved by	Engr. Dr M- Rizwan
Drawing No.	S-20

ISSUE FOR TENDER



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MAIN CONSULTANT



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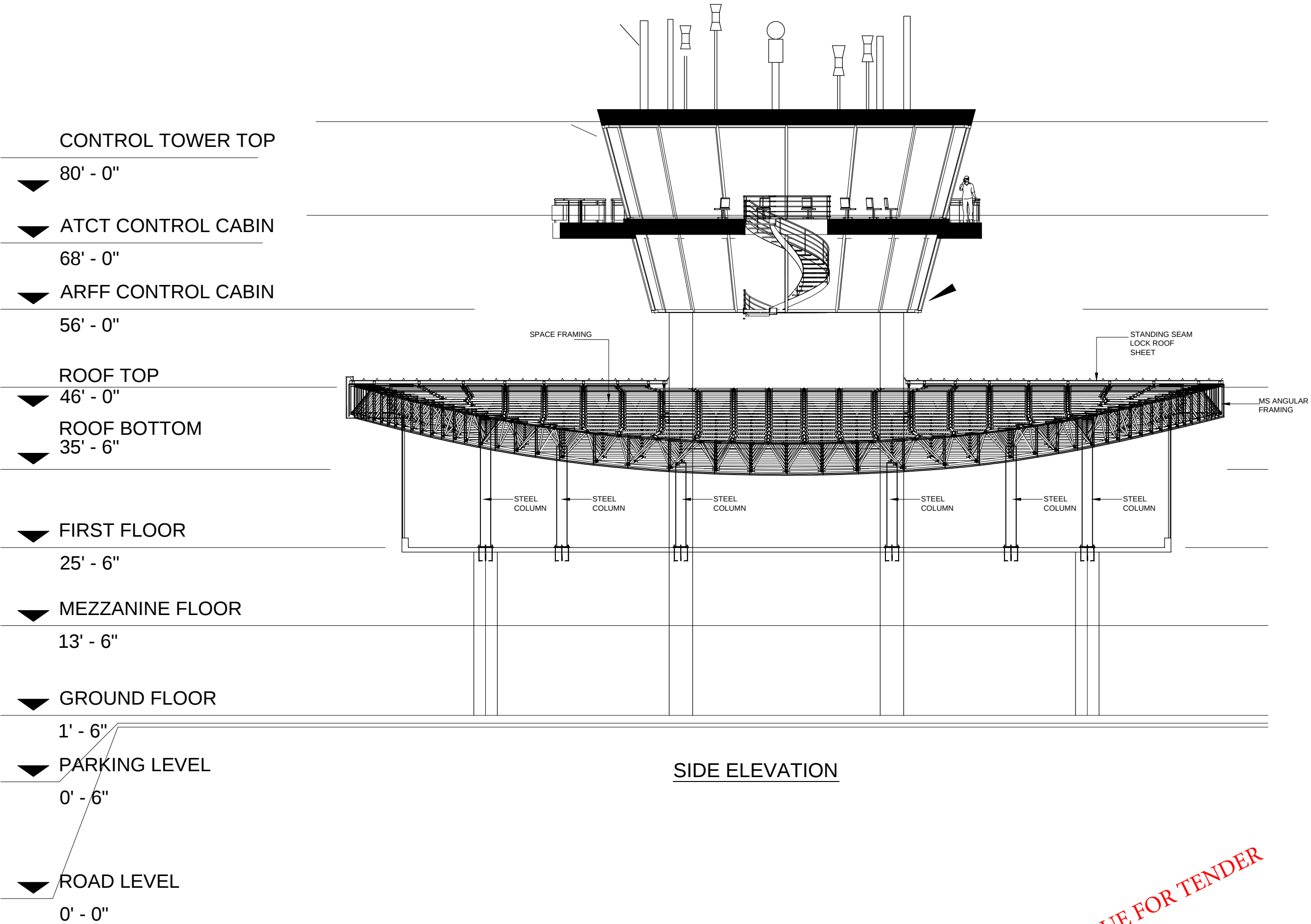
**Detailed Structural
Design Drawings**

Sheet Name

SECTIONS

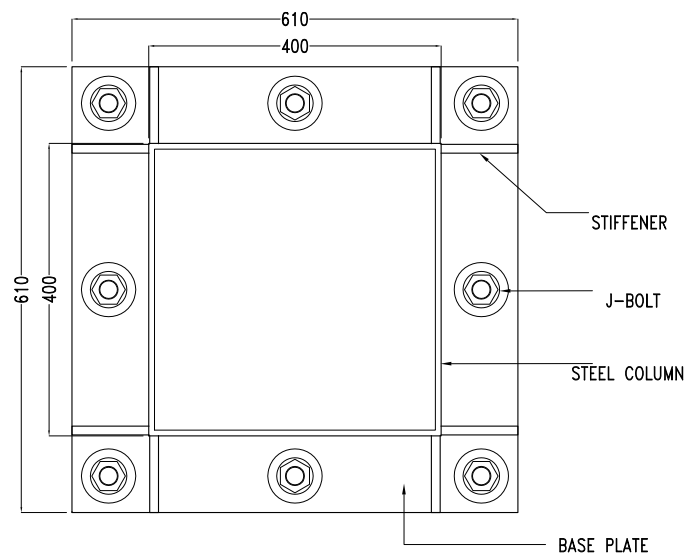
Date	April, 2026
Scale	NTS
Drawn by	Engr. ABDULLAH JAVAID (Civl/5917)
Checked by	Engr M. Aamir (Civl/10584)
Approved by	Engr. Dr M- Rizwan
Drawing No.	S-21

ISSUE FOR TENDER

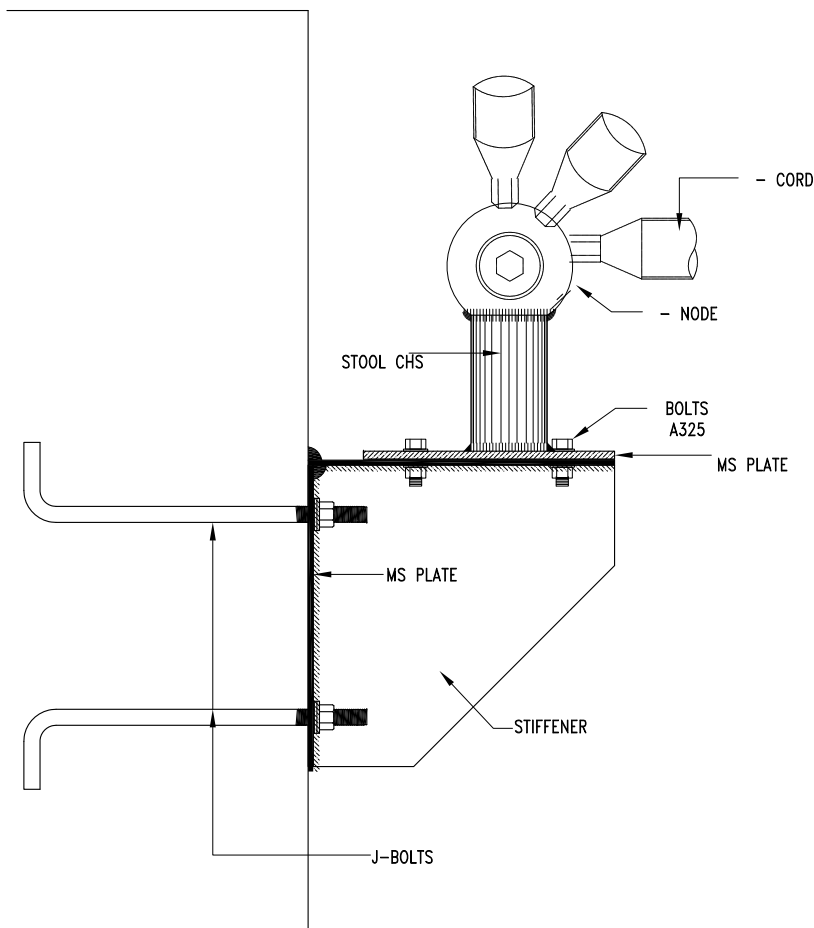


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MEP CONSULTANT	
Project Name	
Consultancy Services for New Air Traffic Control Tower (ATCT), Fire Station and Allied Facilities at Skardu International Airport	
Detailed Structural Design Drawings	
Sheet Name	
SIDE ELEVATION	
Date	April, 2026
Scale	NTS
Drawn by	Engr. ABDULLAH JAVAID (Civl/5917)
Checked by	Engr M. Aamir (Civl/10584)
Approved by	Engr. Dr M- Rizwan
Drawing No.	S-22

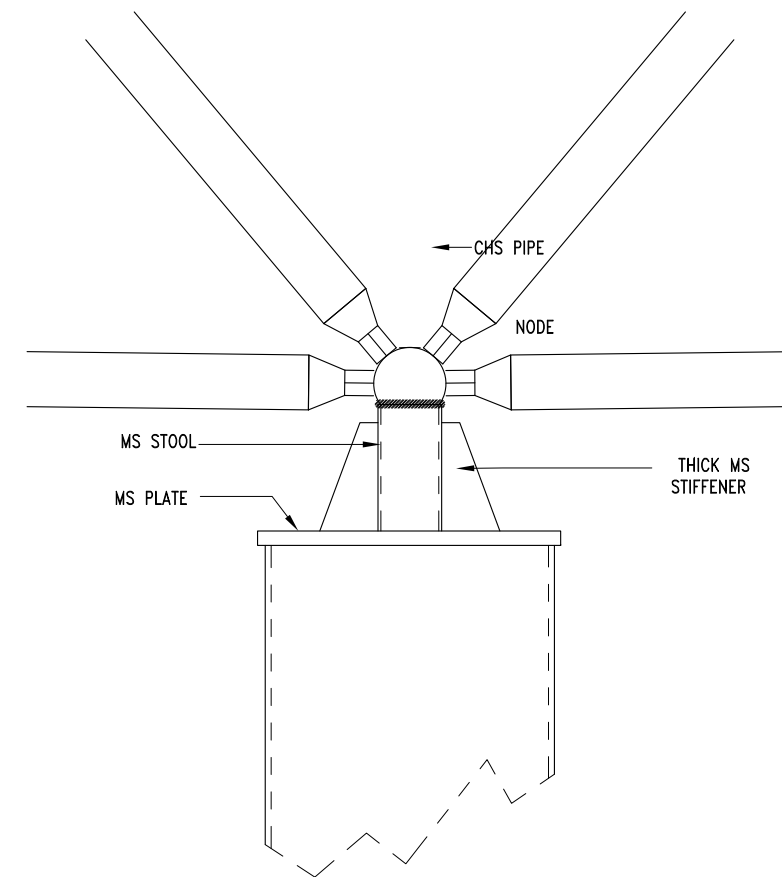
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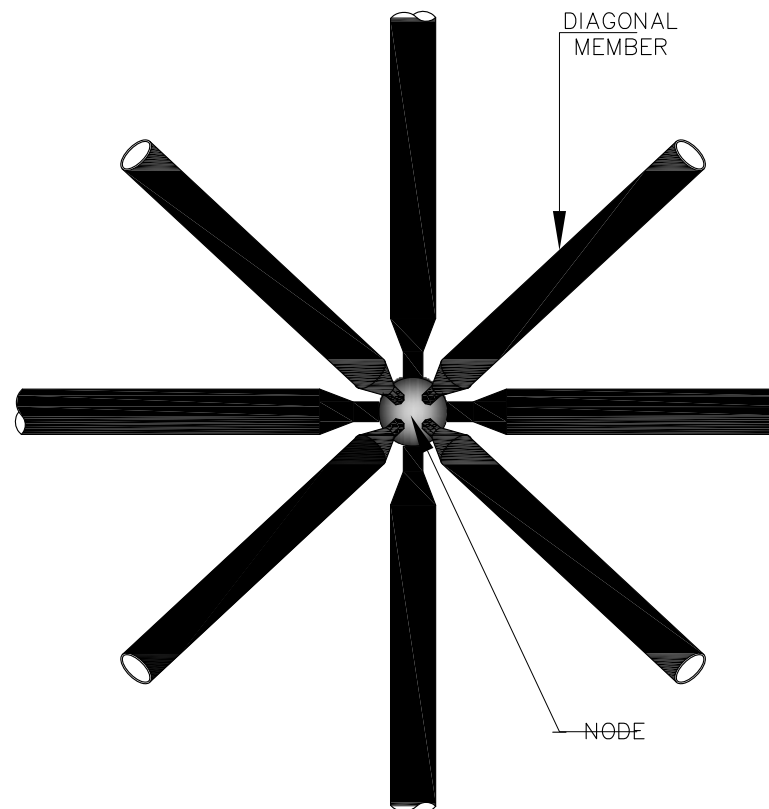
BASE PLATE -1
(BP-1)



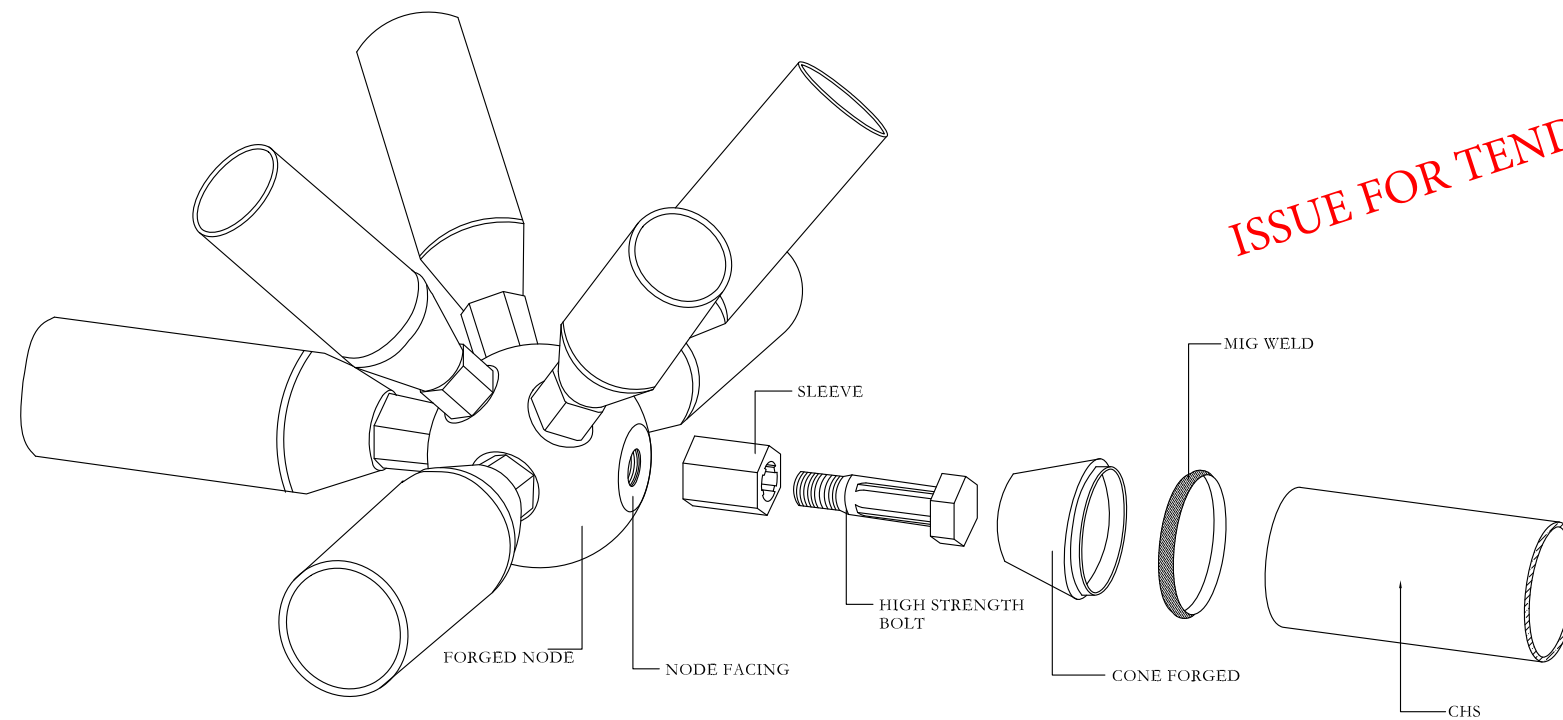
CONNECTION PLATE -1
(CP-1)



SUPPORTING COLUMN DETAIL



CORD CONNECTION PLAN



CORD CONNECTION DETAIL

ISSUE FOR TENDER

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STRUCTURAL CONSULTANT



MEP CONSULTANT

Project Name

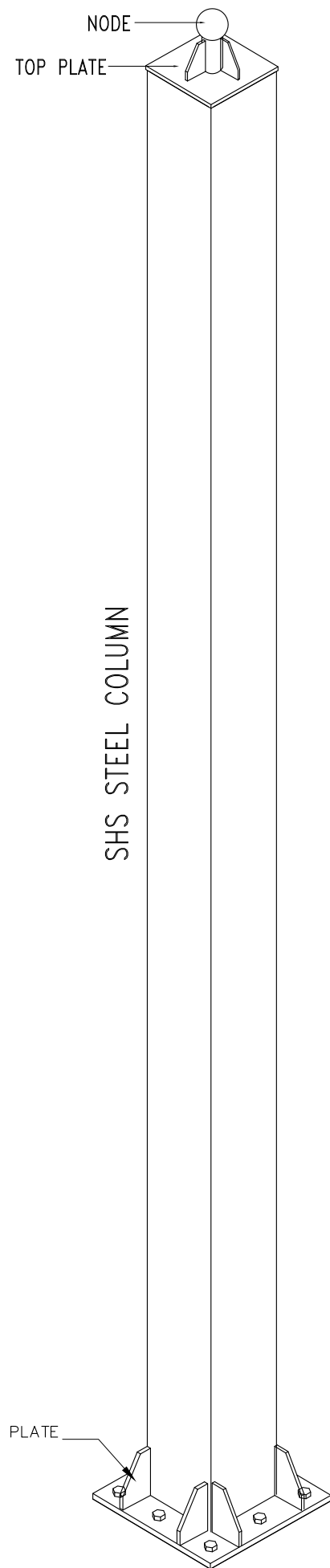
Consultancy Services for New Air Traffic Control Tower (ATCT), Fire Station and Allied Facilities at Skardu International Airport

Detailed Structural Design Drawings

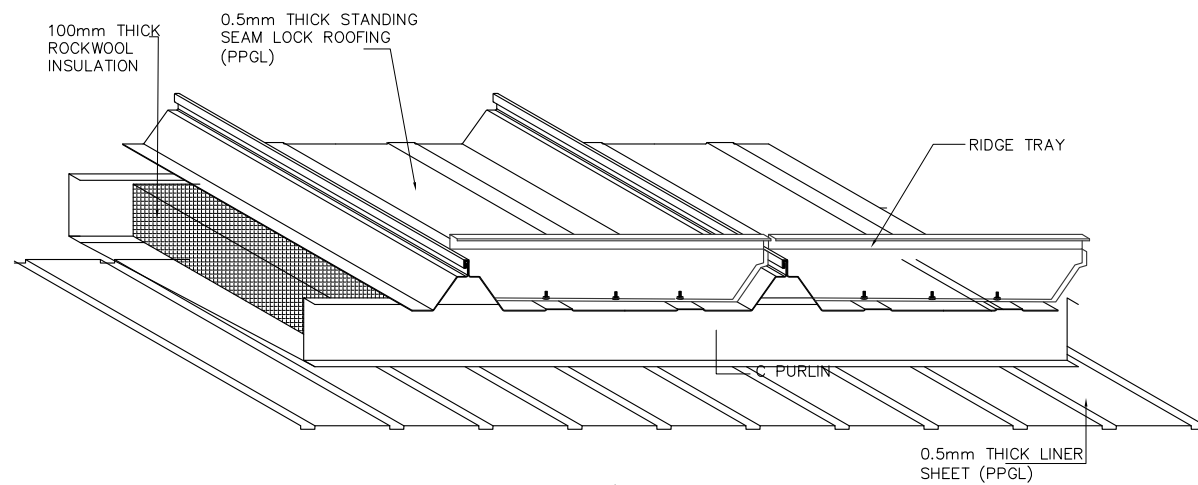
Sheet Name

DETAILS

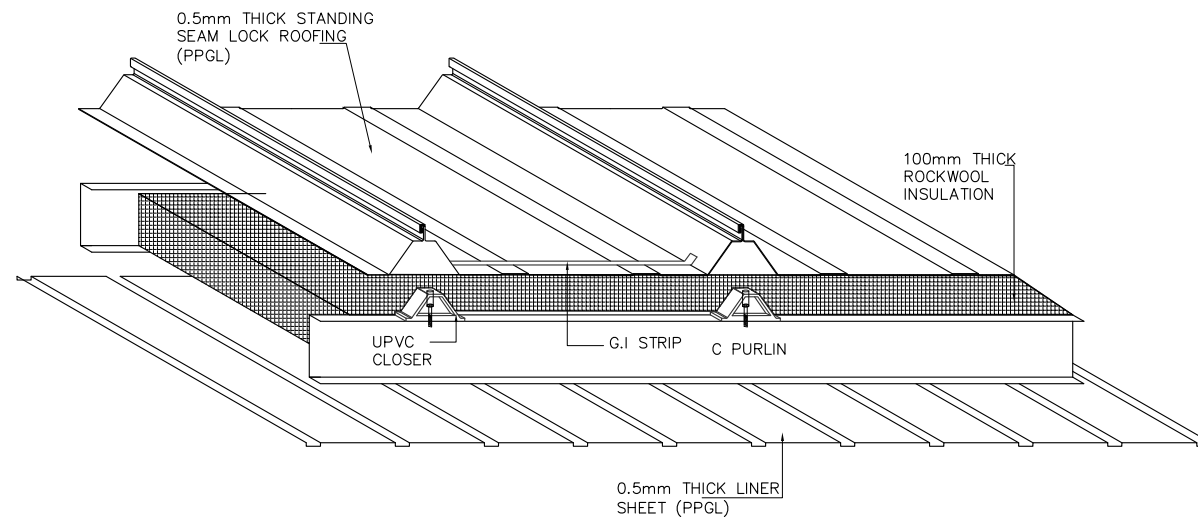
Date	April, 2026
Scale	NTS
Drawn by	Engr. ABDULLAH JAVAID (CIVIL/5917)
Checked by	Engr M. Aamir (CIVIL/10584)
Approved by	Engr. Dr M- Rizwan
Drawing No.	S-23



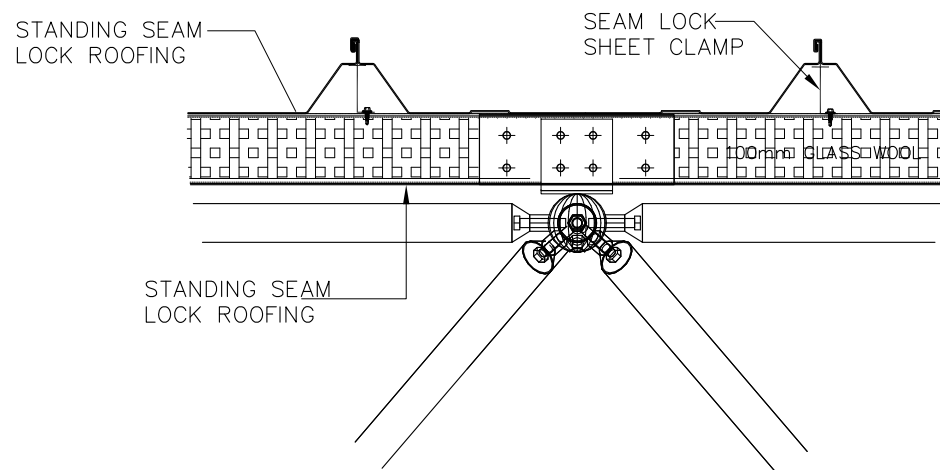
STEEL COLUMN



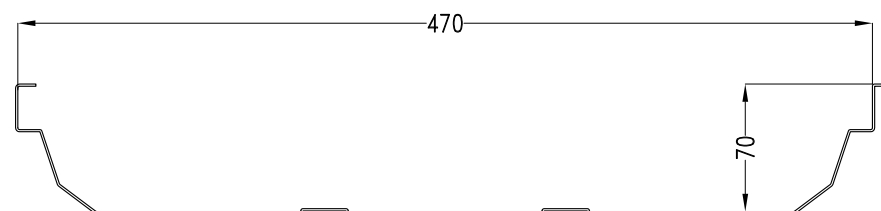
ROOF SHEET AT RIDGE



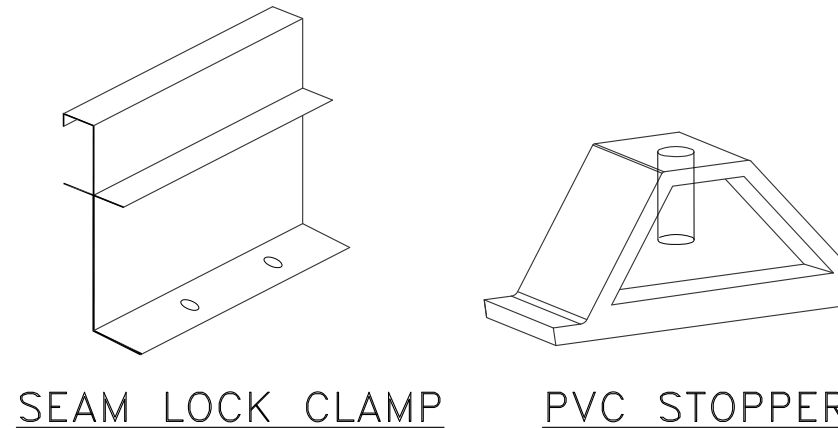
ROOF SHEET AT EAVE



ROOF SHEET DETAIL

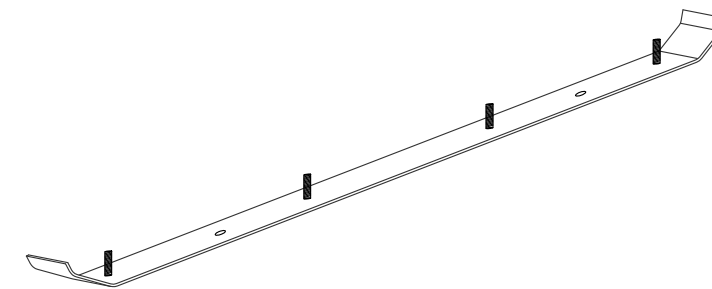


STANDING SEAM LOCK SHEET PROFILE

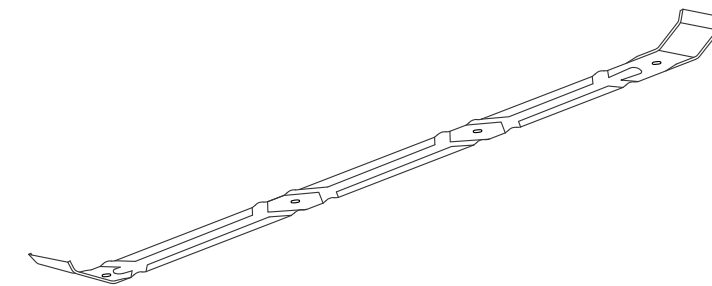


SEAM LOCK CLAMP

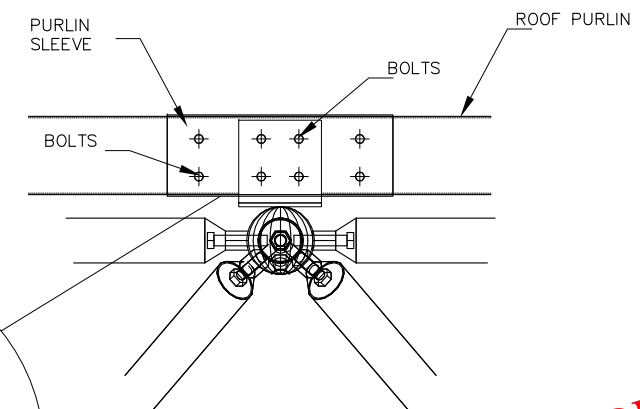
PVC STOPPER



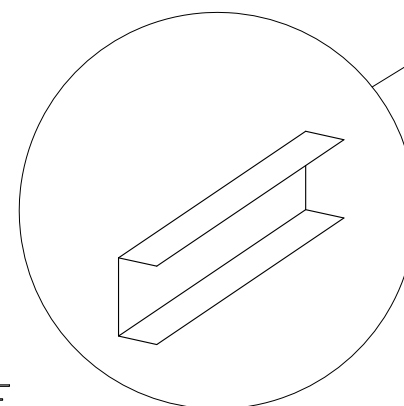
G-I BOLT STRIP



G-I STRIP



PURLIN CONNECTION



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MEP CONSULTANT

Project Name

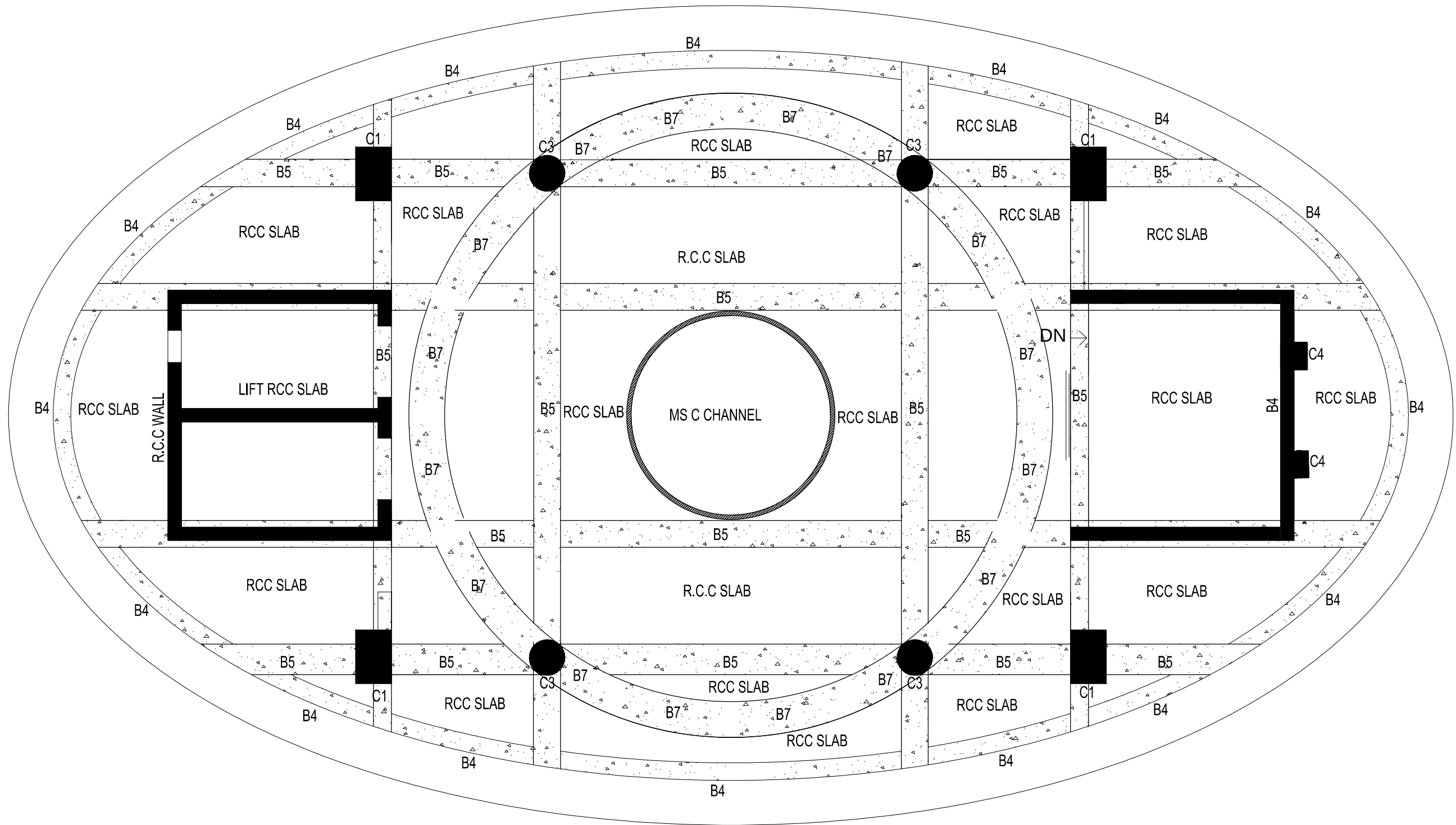
Consultancy Services for New Air Traffic Control Tower (ATCT), Fire Station and Allied Facilities at Skardu International Airport

Detailed Structural Design Drawings

Sheet Name

DETAILS

Date	April, 2026
Scale	NTS
Drawn by	Engr. ABDULLAH JAVAID (CIVIL/5917)
Checked by	Engr M. Aamir (CIVIL/10584)
Approved by	Engr. Dr M- Rizwan
Drawing No.	S-24



REF DWGS: S-4, S-6, S-7 for RCC COLUMNS & BEAMS

SLABS AND BEAMS ARE CURVED AS PER ARCHITECTURAL DRAWINGS

RCC SLABS ARE 7" THICK WITH #4@6"C/C DOUBLE MESH BOTH WAYS

LIFT SLAB IS 9" THICK WITH #6@6"C/C DOUBLE MESH BOTH WAYS

RCC BEAM PLAN

ISSUE FOR TENDER

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MEP CONSULTANT

Project Name

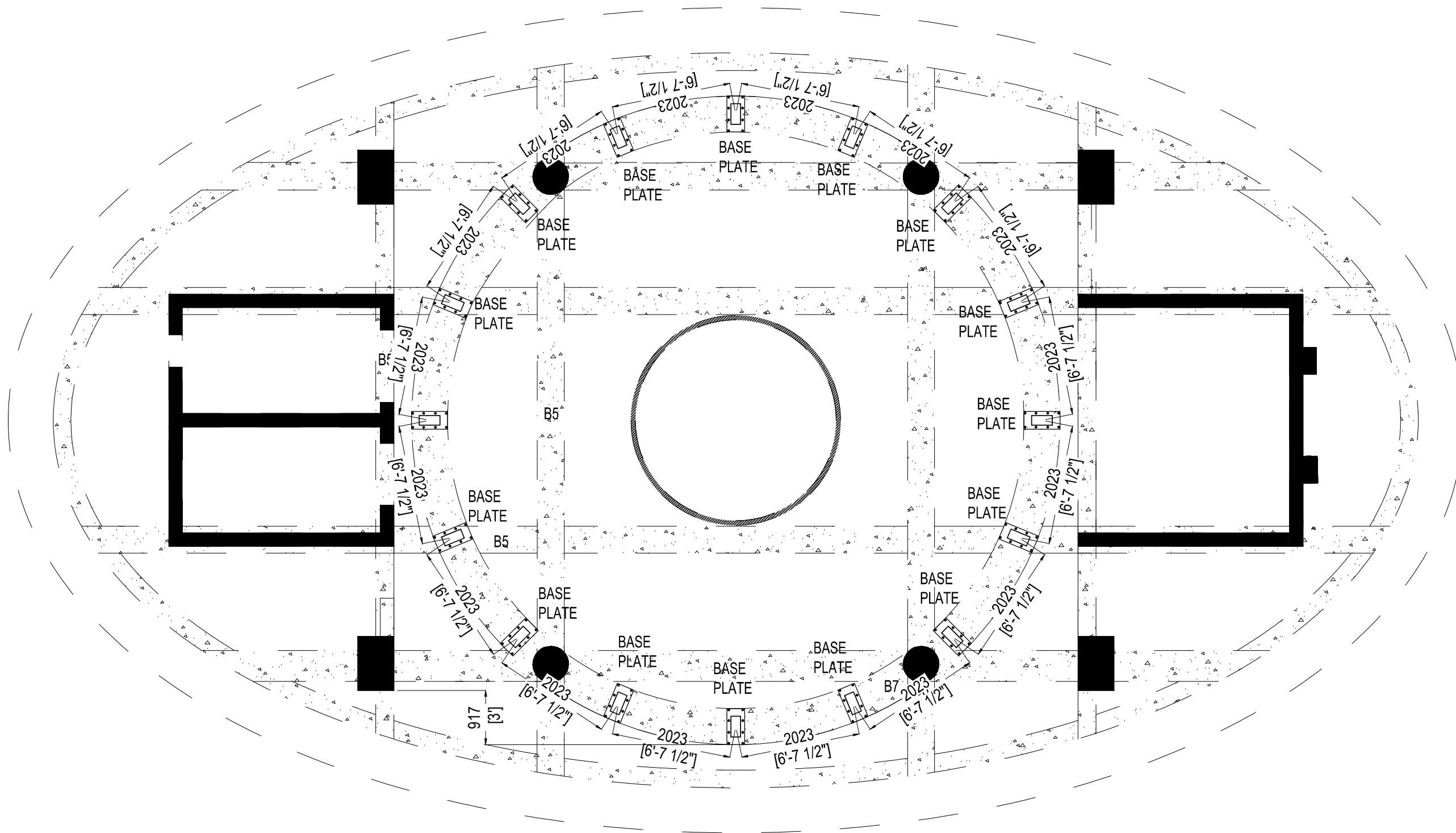
Consultancy Services for New Air Traffic Control Tower (ATCT), Fire Station and Allied Facilities at Skardu International Airport

Detailed Structural Design Drawings

Sheet Name

RCC BEAM PLAN

Date	April, 2026
Scale	NTS
Drawn by	Engr. ABDULLAH JAVAID (Civil/59178)
Checked by	Engr M. Aamir (Civil/10584)
Approved by	Engr. Dr M- Rizwan
Drawing No.	S-25



ISSUE FOR TENDER

COLUMNS & BASE PLATE PLAN

COLUMN SCHEDULE			
	SIZE	T	GRADE
RHS- COLUMN	300x175	16mm	50

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STRUCTURAL CONSULTANT



MEP CONSULTANT

Project Name

Consultancy Services for New Air Traffic Control Tower (ATCT), Fire Station and Allied Facilities at Skardu International Airport

Detailed Structural Design Drawings

Sheet Name

COL & BASE PLATE PLAN

Date	April, 2026
Scale	NTS
Drawn by	Engr. ABDULLAH JAVAID (Civi/59178)
Checked by	Engr M. Aamir (Civi/10584)
Approved by	Engr. Dr M- Rizwan
Drawing No.	S-25A