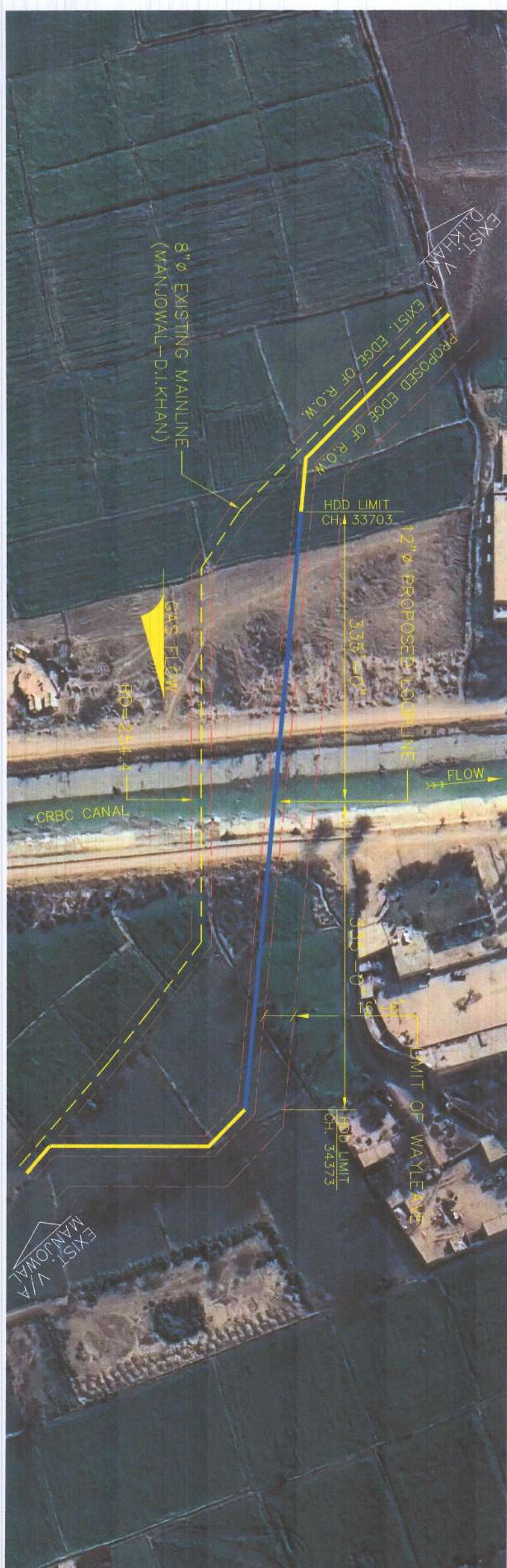
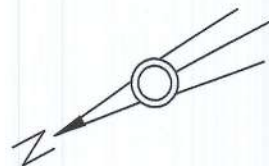




280'-0" (85.34M)

270'-0" (82.30M)

PLAN
SCALE: N.T.S

670'-0" (204.00M), 12" X 0.281" WT. PIPE (API-5LX-GR.X60)
(HDD)

RELATIVE LEVELS (FEET)	CHANGES (FEET)
540	
619.00	33703
619.00	33865
619.00	33940
622.00	33949
623.00	33974
623.00	33976
623.00	33978
599.00	34015
599.00	34038
599.00	34061
623.00	34098
623.00	34100
622.00	34102
622.00	34117
617.00	34130
617.00	34201
617.00	34373
617.00	34442

LONGITUDINAL SECTION
SCALE: 1"=25'-0"

MATERIAL LIST	
NO.	DESCRIPTION
1	8.0" DIA. 12700.281" WT. PIPE
2	API-5LX-GR.X60

FOR DIRECTIONAL DRILLING CONTRACT

NO.	DATE	DESCRIPTION	DESIGNED	CHECKED	APPROVED
1					
2					

SUI NORTHERN GAS PIPELINES LTD.
NP & D DEPARTMENT

12"Ø X 103.00 KM. TRANSMISSION PIPELINE SEGMENT
(LOOPLINE) FROM EXISTING VIA D.I.KHAN
TO EXISTING VIA MANJOWAL

TITLE
(HORIZONTAL DIRECTIONAL DRILL CROSSING)
CRBC CANAL

CH. 34/038	CH. 34/038	CH. 34/038	CH. 34/038	CH. 34/038	CH. 34/038
KM. 10.375	KM. 10.375	KM. 10.375	KM. 10.375	KM. 10.375	KM. 10.375
DATE: 20/03/2023	DATE: 20/03/2023	DATE: 20/03/2023	DATE: 20/03/2023	DATE: 20/03/2023	DATE: 20/03/2023
BY: [Signature]	BY: [Signature]	BY: [Signature]	BY: [Signature]	BY: [Signature]	BY: [Signature]
CHKD: [Signature]	CHKD: [Signature]	CHKD: [Signature]	CHKD: [Signature]	CHKD: [Signature]	CHKD: [Signature]
APPD: [Signature]	APPD: [Signature]	APPD: [Signature]	APPD: [Signature]	APPD: [Signature]	APPD: [Signature]

- GENERAL NOTES:-
- MIN. COVER 30'-0"
 - MAXIMUM ALLOWABLE OPERATING PRESSURE (MAOP) = 1235 PSIG
 - TEST PRESSURE (T.P.) = 1750 PSIG (0.219 WT.) = 2220 PSIG (0.281 WT.)
 - VERTICAL CONTROL TAKEN BY GPS/TOTAL STATION
 - THE LONGITUDINAL SECTION IS TAKEN ON CENTERLINE
 - OF THE 12" PROPOSED LOOPLINE.
 - CHANGES AS SHOWN ARE DESIGN V/A D.I. KHAN
 - CRBC POINT RECORDED FROM EXISTING V/A D.I. KHAN
 - CRBC POINT RECORDED FROM EXISTING V/A D.I. KHAN
 - LEVEL OF CROSSING, GROUND AND DISTANCES TO BE VERIFIED AT CROSSING SITE
 - ALL SAFETY PRECAUTIONS TO BE ADHERED UNDER PAKISTAN MINERAL GAS SAFETY RULES 1980 (MSR 1980) BY PROJECTS DURING EXECUTION OF PROJECT, AND BY TRANSMISSION DEPARTMENT AFTER COMPLETION.
 - PROTECTIVE WORK TO BE PROVIDED AS WARRANTED BY THE SITE CONDITIONS
 - ROAD AS PER REQUIREMENT SHALL BE MAINTAINED THROUGHOUT THE PROJECT PERIOD
 - CONSTRUCTION SHALL BE STARTED AFTER OBTAINING ALL THE NECESSARY APPROVALS/NOA FROM THE RELEVANT AUTHORITIES
 - THE PROPOSED PIPELINE TO BE CROSSED AT LEAST 3 FT CLEARANCE BELOW THE EXISTING PIPELINE AT EACH POINT.

