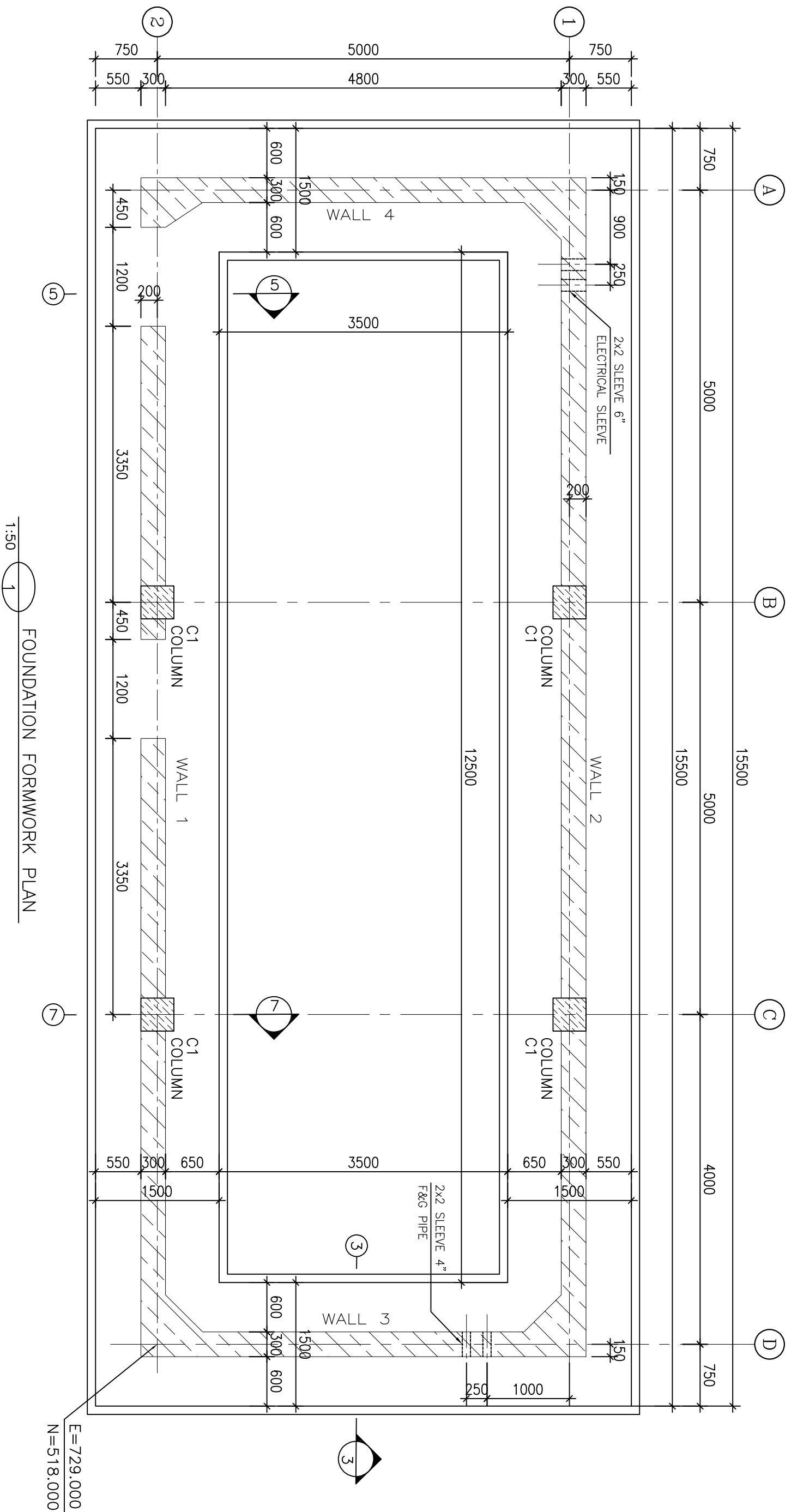
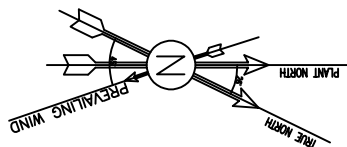
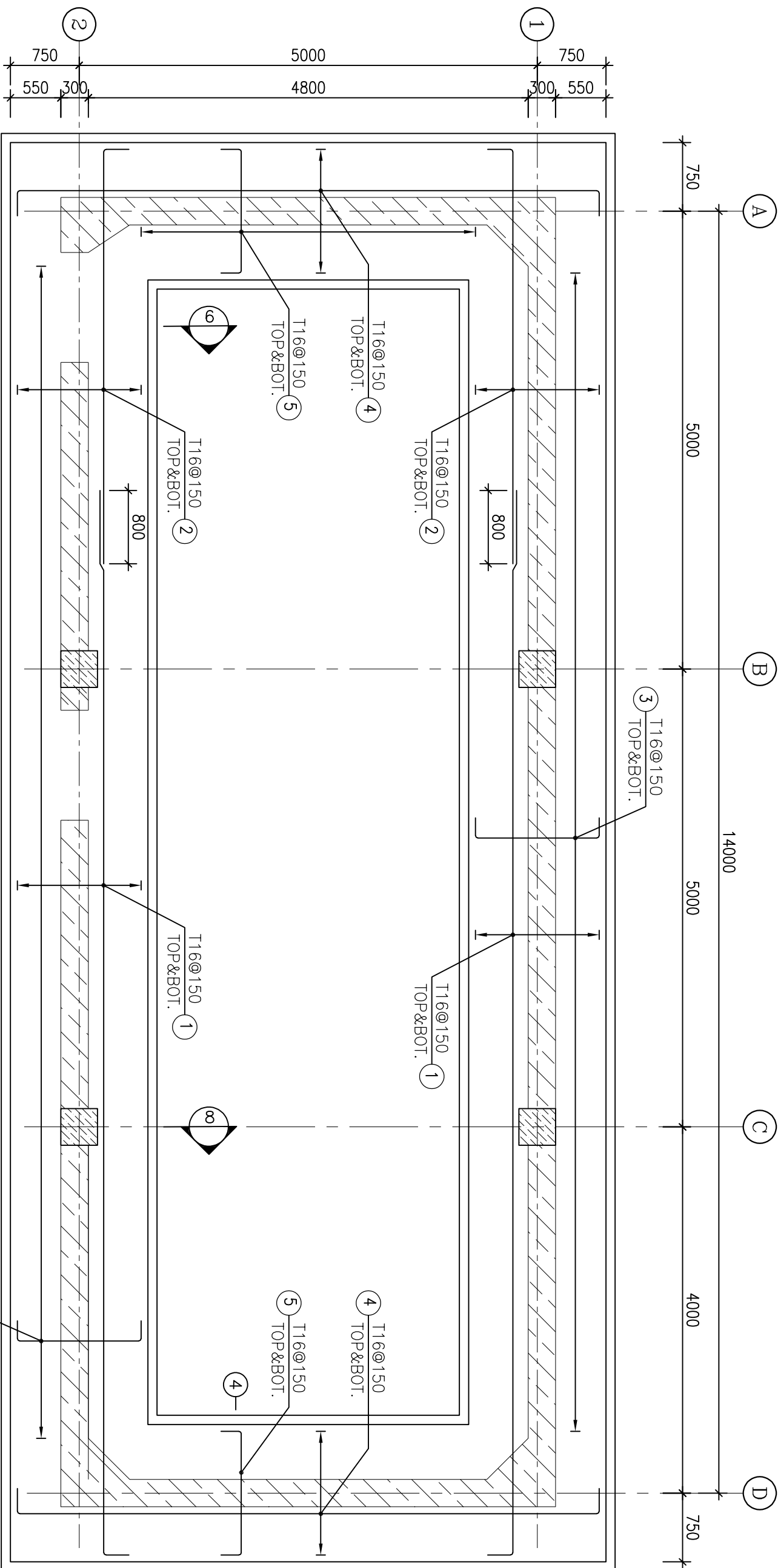
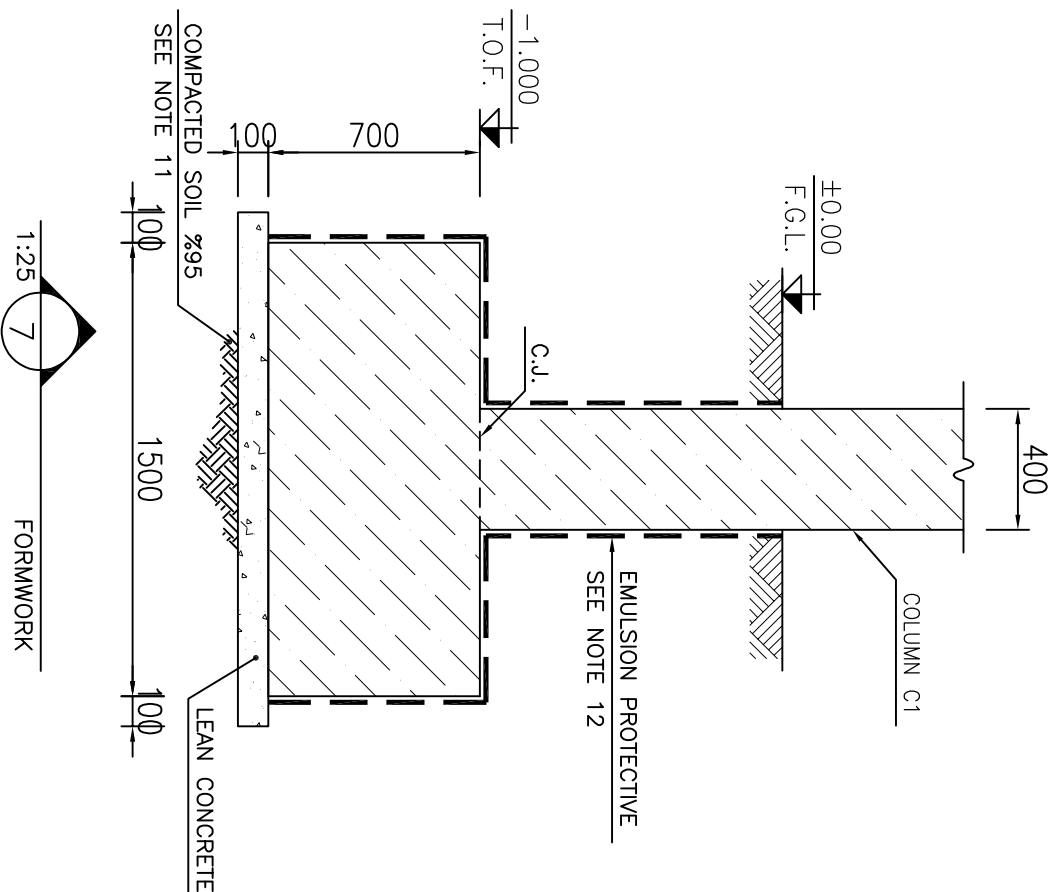




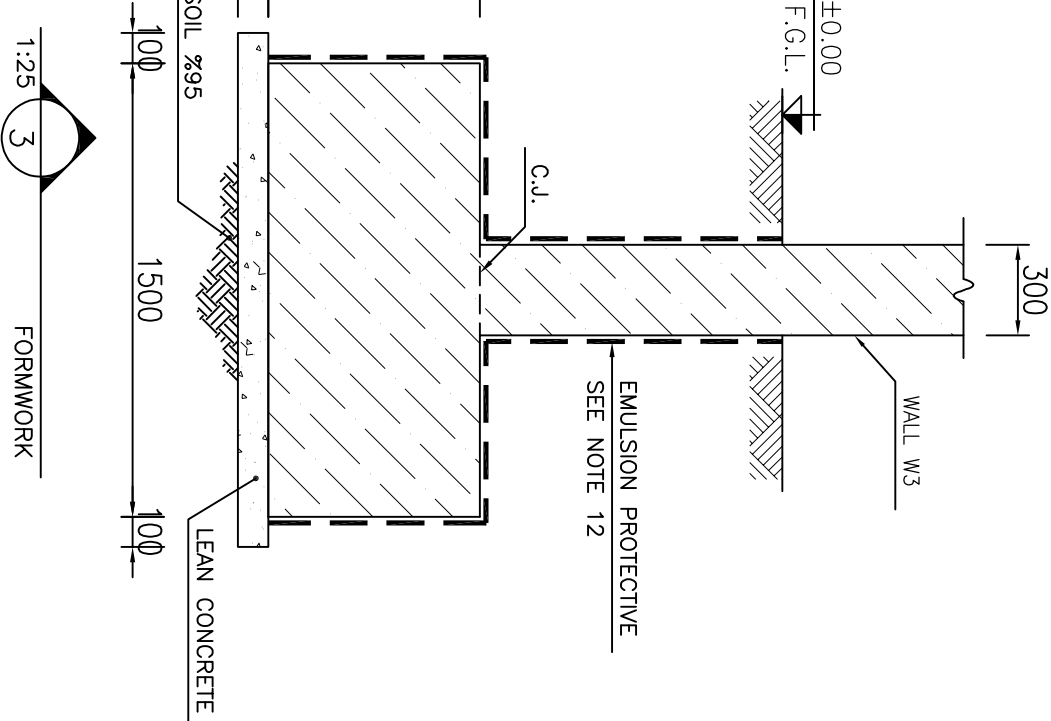
FOUNDATION FORMWORK PLAN



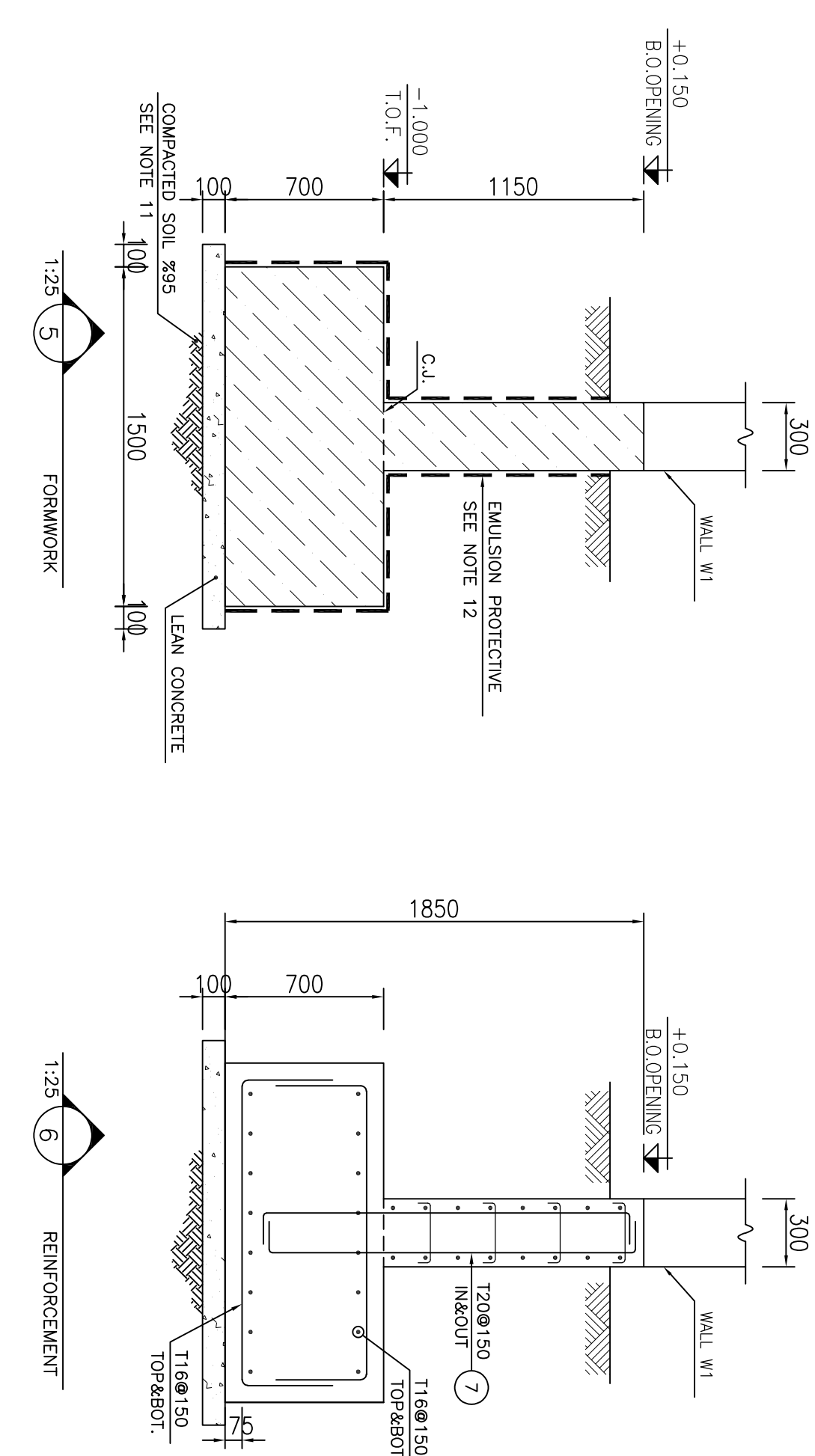
FOUNDATION REINFORCEMENT PLAN



SECTION 7



SECTION 3



REINFORCEMENT

BAR BENDING SCHEDULE

Pos	Spec.	Shape	L/A	No.	T10	T12	T16	T20
1	T16	400 11800	12.00	40			480.0	
2	T16	400 4550	4.95	40			198.0	
3	T16	400 1350	2.15	340			731.0	
4	T16	400 5500 1400	7.15	40			286.0	
5	T16	400 1350 1400	2.15	96			206.4	
6	T20	200 3700	3.90	44.3			1727.7	
7	T20	200 1700 1200	2.10	32			67.2	
8	T20	300 3700	4.00	48			192.0	
9	T10	300 300 300 100	1.40	16				
10								
TOTAL LENGTH OR AREA (m)					22.4	---	1571.6	1986.9
UNIT WEIGHT (kg/m)					0.616	0.888	1.578	2.466
WEIGHT (kg)					13.79	---	2479.98	4899.69
GRAND TOTAL (kg)							7400.00	

NOTES

- 1) ALL ELEVATIONS AND COORDINATES ARE IN "m" AND DIMENSIONS ARE IN "mm" UNLESS OTHERWISE NOTED.
- 2) ALL DIMENSIONS AND ELEVATIONS SHALL BE CHECKED BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
- 3) ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-CRM-REDO-000-01-01-0017.28 DMS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 30 MPa (CYLINDRICAL SPECIMEN)"
- 4) ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-CRM-REDO-000-01-01-0017.28 DMS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa"
- 5) CONCRETE CURED OVER DAYS SHALL BE 7days FOR FOUNDATION AND 5days FOR CURT IN-SITU WALLS & ROOSTERS.
- 6) REINFORCING BARS SHALL BE S400 ACCORDING TO: IS:4312 AND IS:809 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm².
- 7) THE FIRST HOOP OF THE BEAM COLUMN OR PEDISTAL SHALL BE LOCATED NOT MORE THAN 50mm FROM THE FACE OF FOUNDATION.
- 8) ALL REINFORCING BARS SHALL BE S400 ACCORDING TO: IS:4312 AND IS:809 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm².
- 9) UNDERGROUND CONCRETE SHALL BE PROTECTED AND COVERED ACCORDING TO RELEVANT SPECIFICATION.
- 10) PORTLAND CEMENT TYPE 42 SHALL BE USED FOR CONCRETE AND LEAN CONCRETE.
- 11) FILL MATERIAL SHALL BE COMPACTED TO NOT LESS THAN 95% OF THE MAXIMUM DENSITY AS DETERMINED BY ASTM D-1557 (MODIFIED PROCTOR METHOD).
- 12) THE EMULSION SHOULD BE USED ON CONCRETE EXPOSED WITH SOIL.
- 13) B-90-CO-001 IS A BROWN-BASED ONE-COMPONENT EMULSION PROTECTIVE COATING TO PREVENT THE PENETRATION OF DISRUPTIVE SALTS & IONS.
- 14) THIS MATERIAL IS CONTROLLED ACCORDING TO THE FOLLOWING STANDARDS:
ASTM D1727, ASTM D2399, ASTM D1640

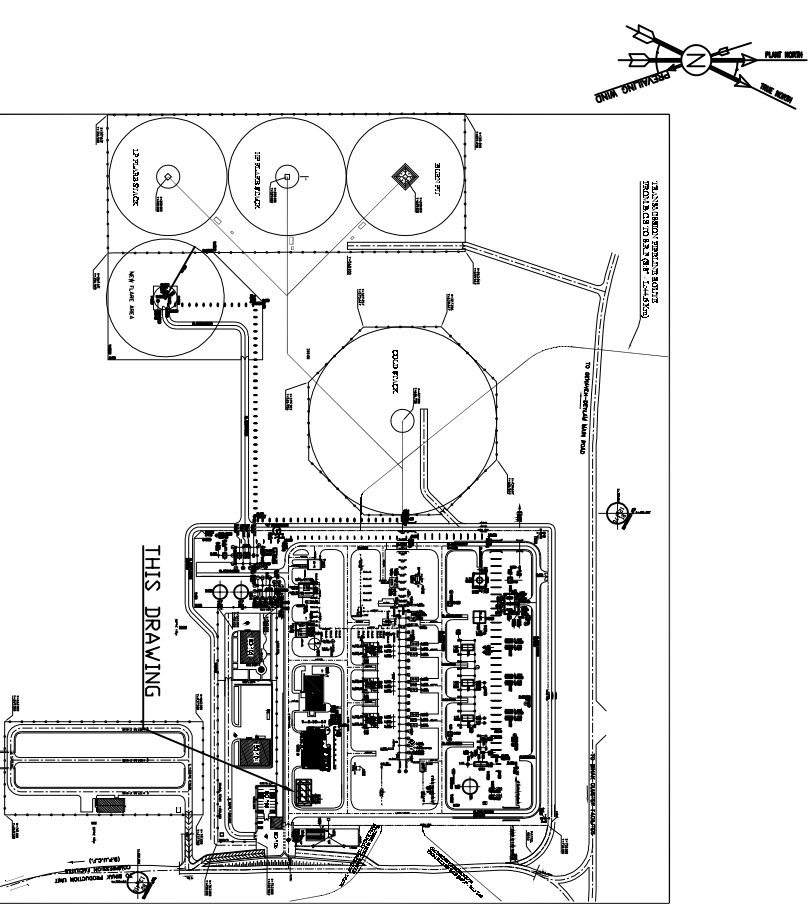
LEGEND

F.G.L. : FINISH GROUND LEVEL	REINFORCED CONCRETE
T.O.F. : TOP OF FOUNDATION	LEAN CONCRETE
N.I.S. : NOT TO SCALE	GROUND
C.I. : CONSTRUCTION JOINT	

REFERENCE DRAWING

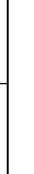
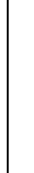
DESCRIPTION	DRG. No.
FOUNDATION NOTE FOR GAS WAREHOUSE	BK-CGS-REDO-120-ST-01-001
STRUCTURAL DRAWING FOR GAS WAREHOUSE	BK-CGS-REDO-120-ST-01-002
ARCHITECTURAL DRAWING FOR GAS WAREHOUSE	BK-CGS-REDO-120-ST-01-003
GENERAL NOTES-REINFORCED CONCRETE STRUCTURES	BK-CGS-REDO-120-ST-01-004
UNIT PLAN DRAWING	BK-CGS-REDO-120-ST-01-005
GEOTECHNICAL INVESTIGATION REPORT FOR COMPRESSOR STATION	BK-CGS-REDO-120-ST-01-006
STANDARD DRAWING FOR INSERT PLATE IN CONCRETE	BK-CRM-REDO-000-ST-01-007

KEY PLAN



REV.	DESCRIPTION	BY	DATE	REV.	DATE
D02	SEP 2024	AFC		***	***
D01	AUG 2024	AFC		***	***
D00	MAY 2024	JPC		***	***
REV.	DATE	PREP.	CHK.	APP.	AUT.
		P.O.I.S			
PROJECT NAME: BINAQ OILFIELD DEVELOPMENT/SURFACE FACILITIES					
PROJECT NO.: 9710120					
EPC CONTRACTOR: BINAQ OILFIELD DEVELOPMENT/SURFACE FACILITIES					
EPC CONTRACTOR: BINAQ OILFIELD DEVELOPMENT/SURFACE FACILITIES					
BINAQ OILFIELD DEVELOPMENT/SURFACE FACILITIES					
GAS COMPRESSOR STATION					
N.I.S.O.C./ FIELDS					

این سند و کپی آن حق و حق انحصاری شرکت ملی مناطق نفت خیز جنوب است.
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH
THE COPYRIGHT THEREON ARE THE SOLE PROPERTY OF
N.I.S.O.C./ FIELDS

EPC CONTRACTOR:		EPD/EPC CONTRACTOR (GC):		BINAQ OILFIELD DEVELOPMENT SURFACE FACILITIES GAS COMPRESSOR STATION							
											
BINAQ ENERGY - DESIGN & INSPECTION COMPANIES		PETROBRAS DEVELOPMENT COMPANY									
DRAWING TITLE:		PEDCO									
FOUNDATION DRAWING FOR GCS WAREHOUSE											
				NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED							
				APPROVED FOR CONSTRUCTION							
				DATE:							
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE CLASS	SERIAL NO.	SHEET	REVISION	
AS SHOWN	A1	BK-GCS-PEBDO-120-ST-01-003	1 OF 1	D02	063-073-0144	F	4	Q	709409	1	D01