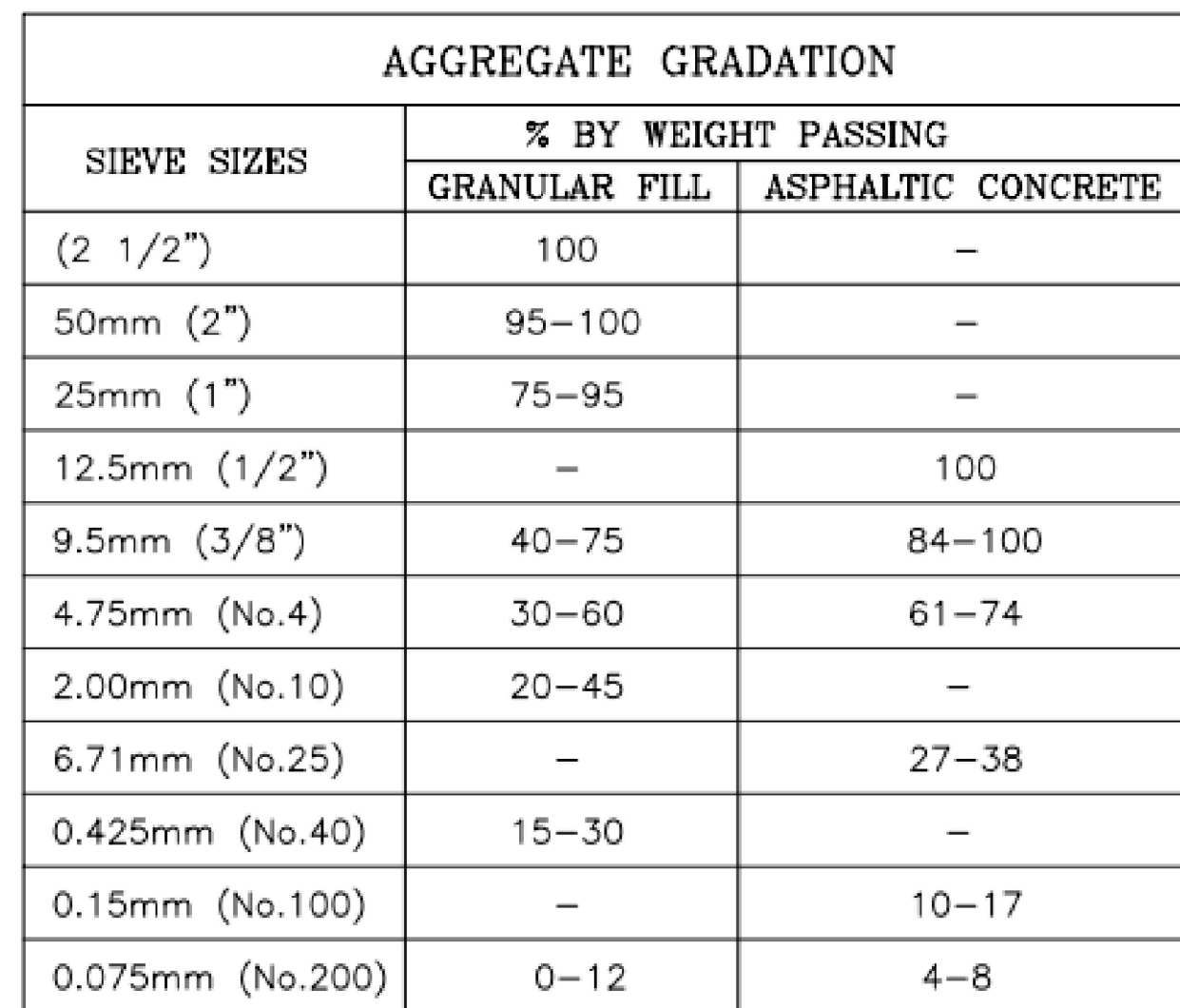
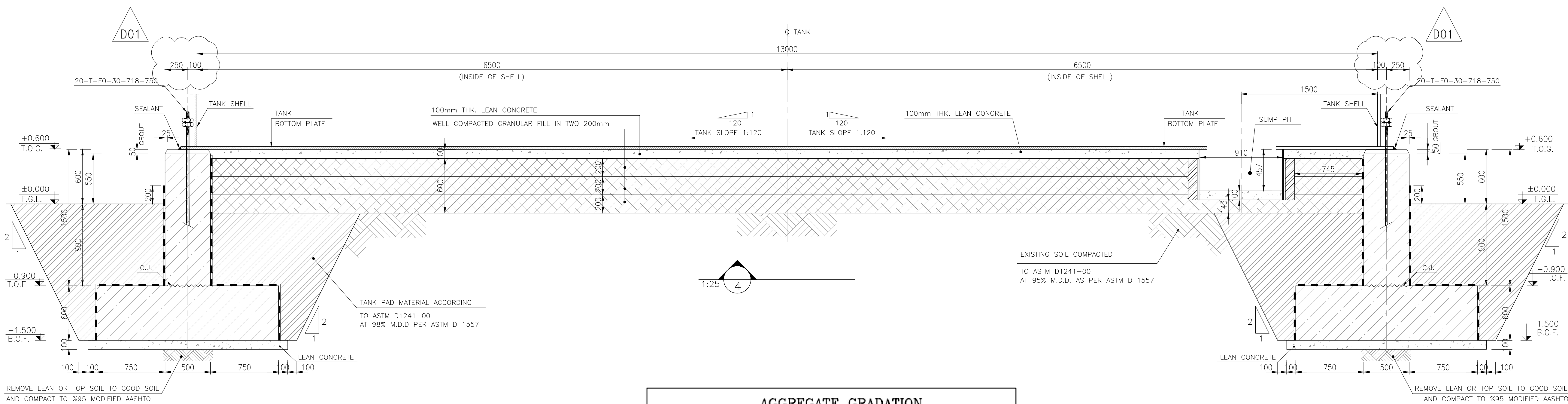
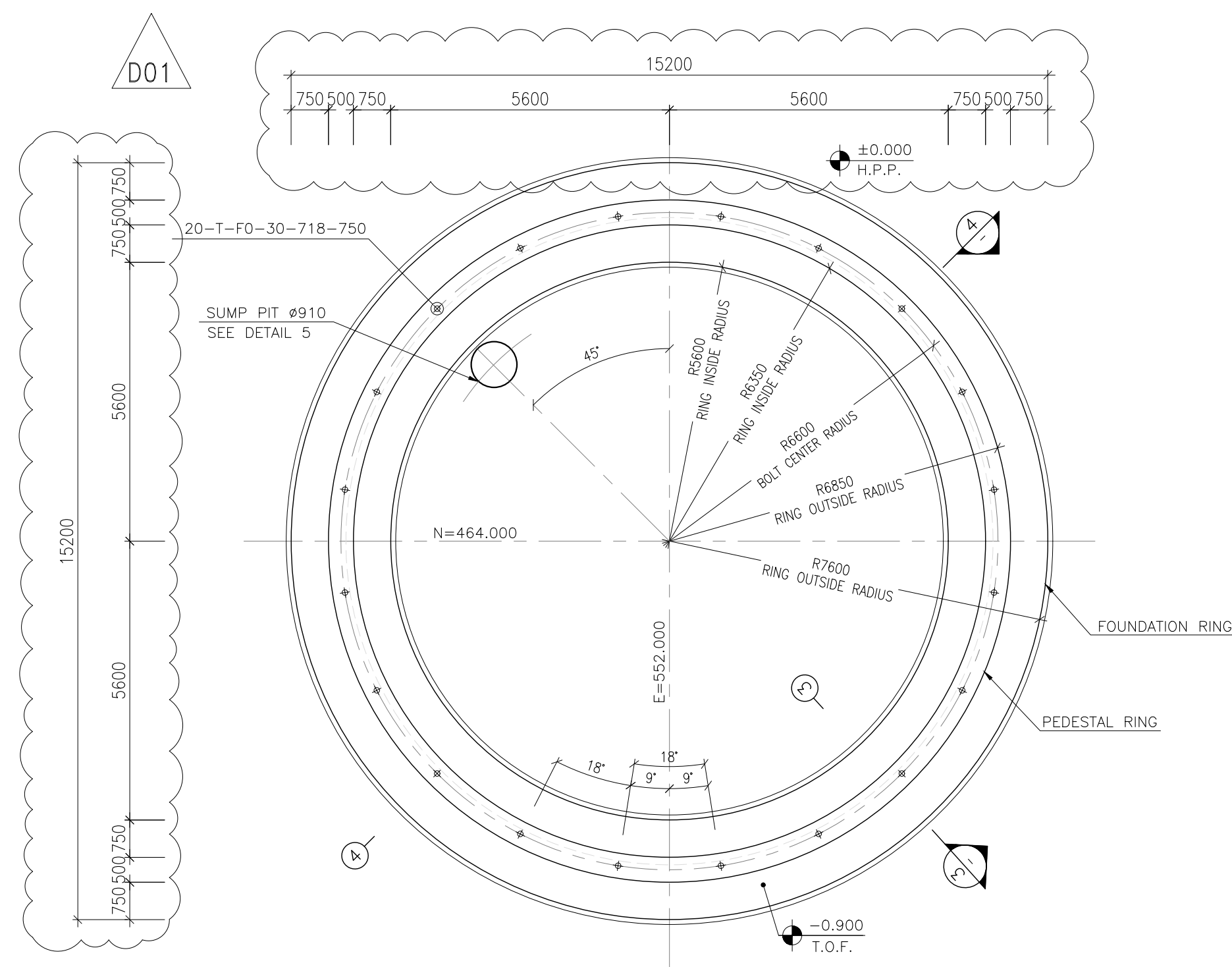
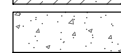
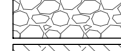
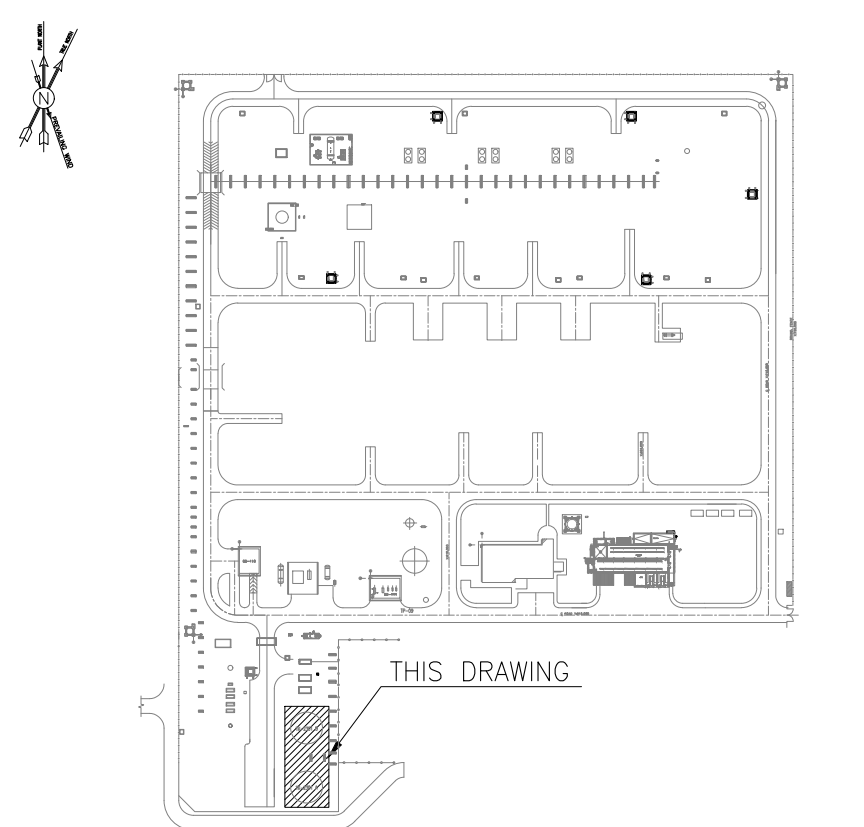
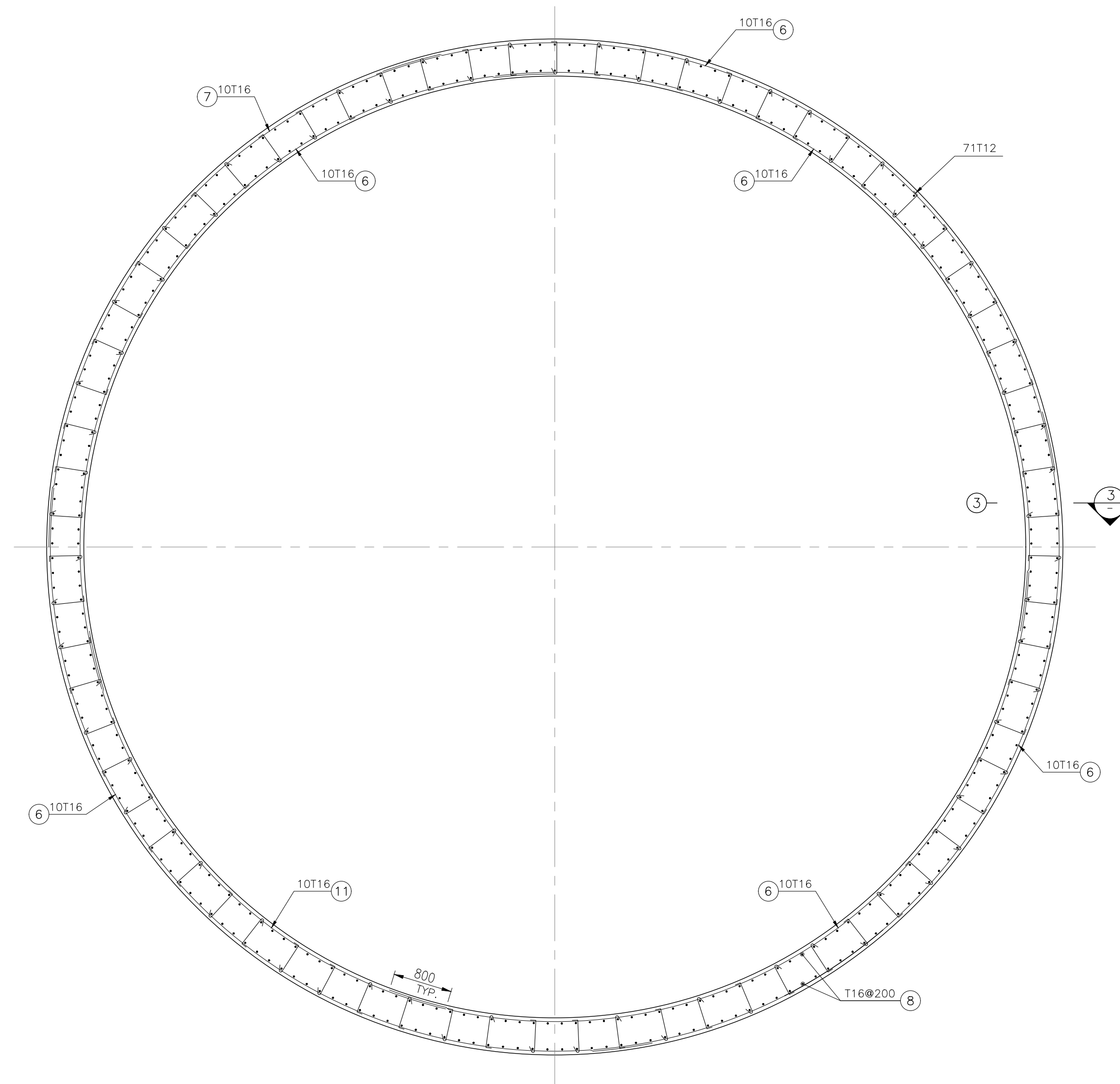
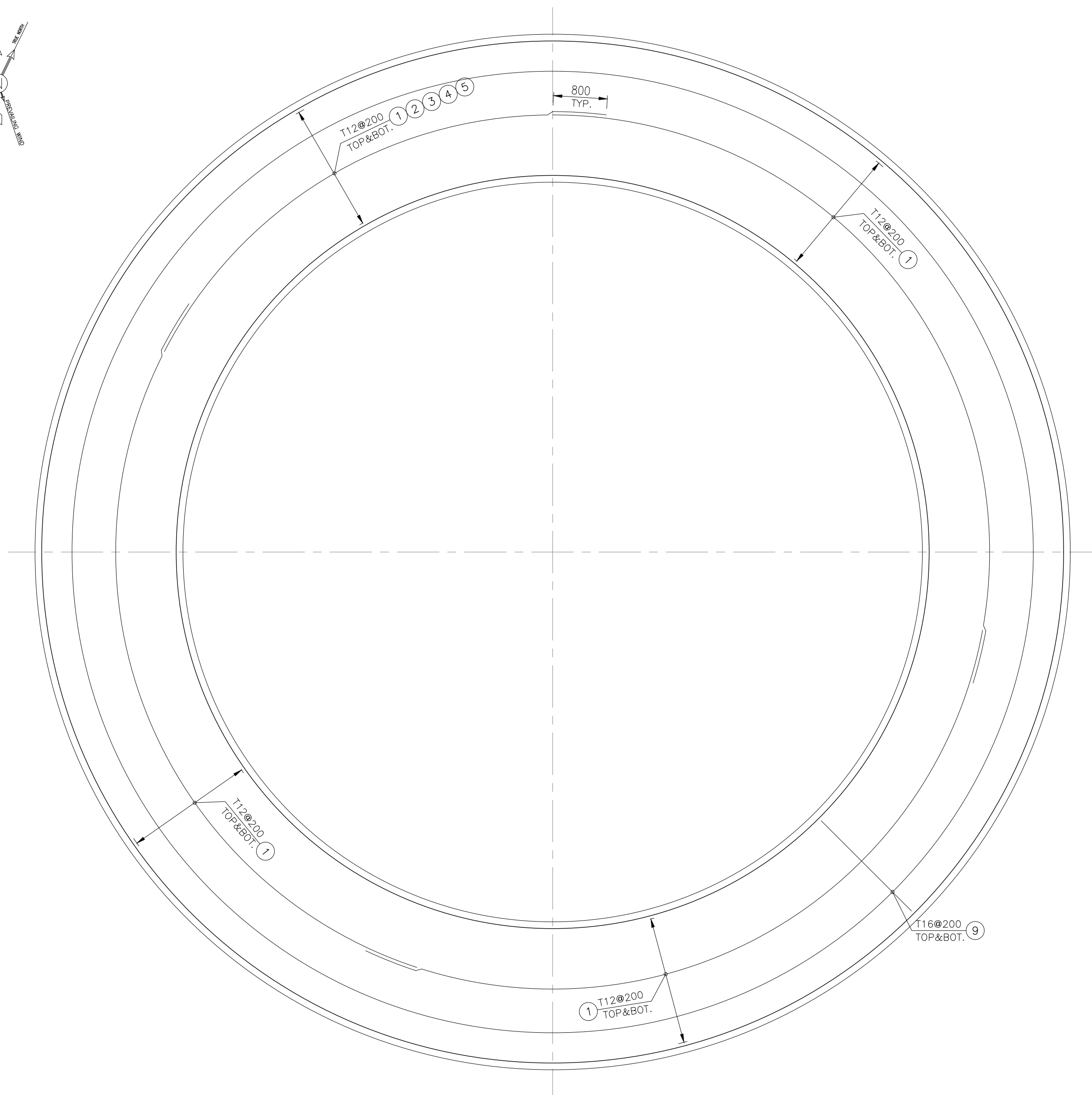


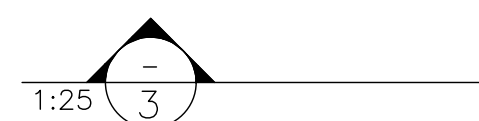
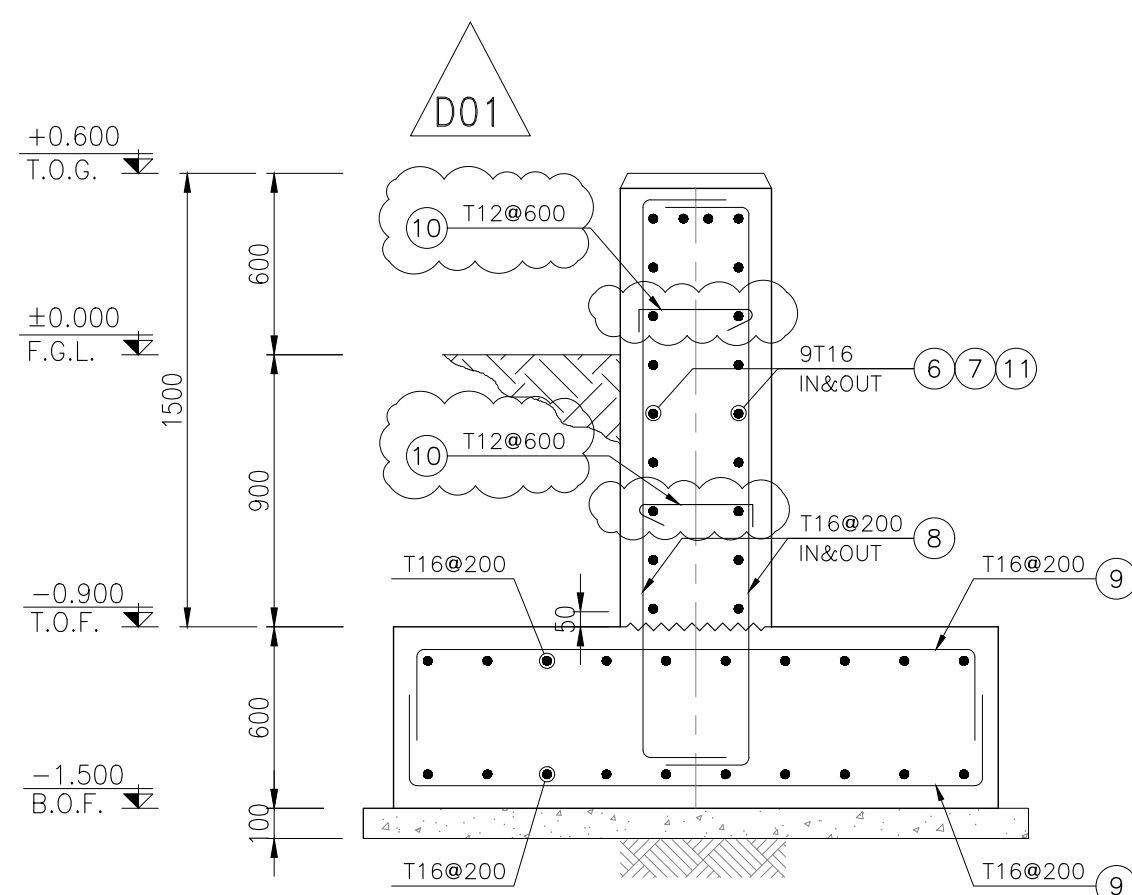


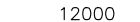
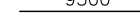
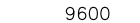
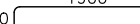
D01	FEB.2024	IFA	R.BERLOUË	M.FAKHARIAN	S.FARAMARZPOUR	...	...		
D00	SEP.2023	IFC	R.BERLOUË	M.FAKHARIAN	S.FARAMARZPOUR	...	...		
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.			
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION									
PROJECT NO.:			971020						
EPC CONTRACTOR:				EPD/EPC CONTRACTOR (GC):					
  HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES				 PETROIARAN DEVELOPMENT COMPANY					
DRAWING TITLE: FOUNDATION DRAWING FOR FIRE WATER STORAGE TANKS (TK-2301A/B)									
SCALE	SIZE	DRAWING NO.				SHEET NO.		REV.	
AS SHOWN	A1	BK-GCS-PEDCO-120-ST-DW-0024				1 OF 2		D01	

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) 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF CONCRETE IS 30MPa. (ON CYLINDRICAL SPECIMEN)			
4) 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15MPa. (ON CYLINDRICAL SPECIMEN)			
5) CONCRETE COVER OVER BARS SHALL BE 75mm FOR FOUNDATION AND 40mm FOR CAST IN-SITU OTHER PARTS.			
6) TENSION STRENGTH OF BARS SHALL BE OF MINIMUM $F_y=4000 \text{ kg/cm}^2$			
7) CEMENT TYPE II SHALL BE USED ACCORDING TO GEOTECHNICAL REPORT SUGGESTION.			
8) FILL MATERIAL SHALL BE COMPACTED TO NOT LESS THAN 95% OF THE MAXIMUM DENSITY AS DETERMINED BY ASTM D-1557 & ASTM D-1241 (MODIFIED PROCTOR) METHOD.			
9) REINFORCEMENT SHALL BE ADJUSTED LOCALLY TO SUIT THE RECESS OF ANCHOR BOLTS, HOLES AND OTHER EMBEDDED MATERIALS.			
10) THE EMULSION SHOULD BE USED ON CONCRETE EXPOSED WITH SOIL. B-90-COAT.M.E IS A BITUMEN-BASED ONE-COMPONENT EMULSION PROTECTIVE COATING TO PREVENT THE PENETRATION OF DESTRUCTIVE SALTS & IONS.			
11) THE GROUT FOR FILLING UNDER OF THE TANK MUST BE IN ACCORDING WITH PARAGRAPH 6.1 AND OF THE TYPE OF SAND-CEMENT GROUT. (SPECIFICATION FOR GROUTING BK-GNRAL-PEDCO-000-ST-SP-0004)			
±0.00 = +11.05(F.G.L.)MSL			
LEGEND AND ABBREVIATION			
	REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
	LEAN CONCRETE	B.O.F.	BOTTOM OF FOUNDATION
	GRAVEL	C.J.	CONSTRUCTION JOINT
	SUB GRADE	F.G.L.	FINISH GRADING LEVEL
		T.O.G.	TOP OF GROUT
		MSL	MEAN SEE LEVEL
REFERENCE DRAWING		DRG. No.	
UNIT PLOT PLAN DRAWING		BK-GCS-PEDCO-120-PI-PY-0001	
STANDARD DRAWING FOR ANCHOR BOLTS		BK-GNRAL-PEDCO-000-ST-DW-0002	
SPECIFICATION FOR CONCRETE WORK		BK-GNRAL-PEDCO-000-ST-SP-0001	
SPECIFICATION FOR GROUTING		BK-GNRAL-PEDCO-000-ST-SP-0004	
MECHANICAL DATA SHEETS FOR FIRE WATER STORAGE TANK		BK-GCS-PEDCO-120-ME-DT-0017	
SPECIFICATION FOR CATHODIC PROTECTION SYSTEM		BK-GNRAL-PEDCO-000-EL-SP-0016	
SPECIFICATION FOR STORAGE TANK FOUNDATION		BK-GNRAL-PEDCO-000-ST-SP-0002	
GEOTECHNICAL INVESTIGATION REPORT FOR COMPRESSOR STATION		BK-GCS-PEDCO-120-GT-RT-0001	
KEY PLAN			
			
***	*****	**	***
REV.	DESCRIPTION	BY	DATE
		CHECKED	REV. APPR.
اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.			
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS			
BINAK OILFIELD DEVELOPMENT SURFACE FACILITIES GAS COMPRESSOR STATION			
DATE	SCALE	DRAWING BY	CHECKED BY
			PROJECT ENG.
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED			
APPROVED FOR CONSTRUCTION		BY:	DATE:
BUDGET REF.	LOCATION	SIZE	CLASS
073-053-9184	F	4	Q
SERIAL NO.		SHEET	REVISION
709161		1	DOI



1:50  RING REINFORCEMENT PLAN
TK-2301 A/B



BAR BENDING SCHEDULE						
Pos	Spec.	Shape	L/A	No.	T12	T16
1	T12		12.00	64	768.0	
2	T12		9.50	4	38.0	
3	T12		7.00	4	28.0	
4	T12		4.50	4	18.0	
5	T12		2.00	4	8.0	
6	T16		12.00	60		720.00
7	T16		9.60	10		96.00
8	T20		2.50	440		1100.00
9	T16		2.45	400		980.0
10	T12		0.64	138	88.32	
11	T16		7.40	10		74.00
TOTAL LENGTH OR AREA (m)					948.32	2970.00
UNIT WEIGH (Kg/m)					0.888	1.578
WEIGHT (Kg)					842.10	4686.66
GRAND TOTAL (Kg)					5528	