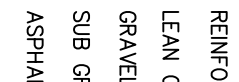
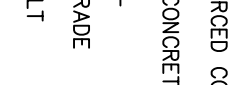


NOTES

- 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 $F_y=4000$ kg/cm²
- 7) CEMENT TYPE II SHALL BE USED ACCORDING TO GEOTECHNICAL REPORT SUGGESTION.
- 8) FILL MATERIAL SHALL BE COMPACTED TO NOT LESS THAN 95% OF (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. A BITUMEN-BASED EMULSION SHALL BE USED TO PREVENT DESTRUCTIVE PROTECTIVE COATING TO PREVENT THE RETENTION OF DESTRUCTIVE SALTS & IONS.
- THIS MATERIAL IS CONTROLLED ACCORDING TO THE FOLLOWING STANDARDS: ASTM D1227, ASTM D2939, ASTM D1640
- 11) THE GROUT FOR FILLING LINER OF THE TANK MUST BE IN ACCORDING WITH PARAGRAPH 6) AND OF THE TYPE OF SAND-GRADEN GROUT (Specification for Grouting BR-GCS-FEBCO-000-SF-SF-0004)

LEGEND AND ABBREVIATION

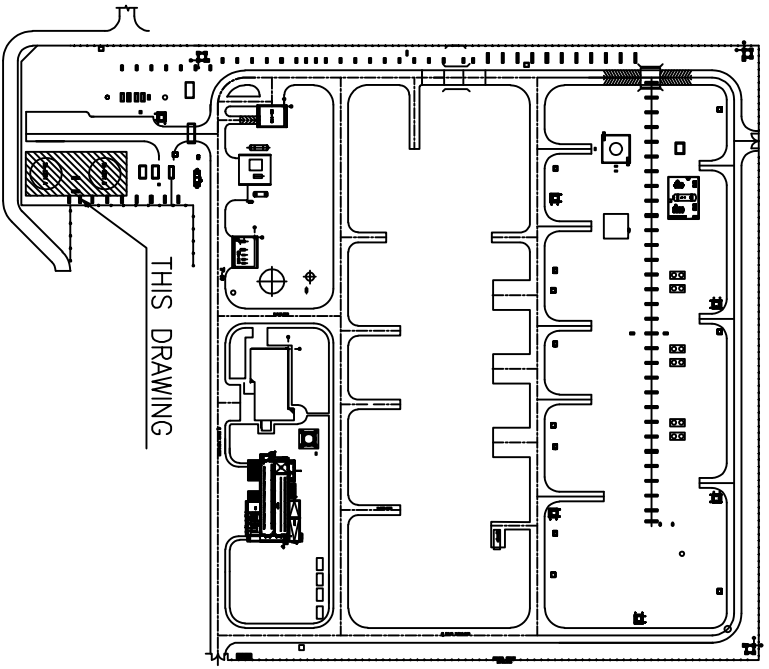
	TO.F.	TOP OF FOUNDATION
	B.O.F.	BOTTOM OF FOUNDATION
	C.J.	CONSTRUCTION JOINT
	F.G.L.	FINISH GRADING LEVEL
	T.O.G.	TOP OF GROUT
	MSL.	MEAN SEE LEVEL
	T.O.FED.	TOP OF PEDESTAL

REFERENCE DRAWING

DRG. No.

UNIT PLOT PLAN DRAWING	BR-GCS-FEBCO-120-P1-PY-0001
STANDARD DRAWING FOR ANCHOR BOLTS	BR-GNRL-FEBCO-000-SF-DW-0002
SPECIFICATION FOR CONCRETE WORK	BR-GNRL-FEBCO-000-SF-SF-0001
SPECIFICATION FOR GROUTING	BR-GNRL-FEBCO-000-SF-SF-0004
MECHANICAL DATA SHEETS FOR FIRE WATER STORAGE TANK	BR-GCS-FEBCO-120-ME-DT-0017
SPECIFICATION FOR CATHODIC PROTECTION	BR-GNRL-FEBCO-000-EL-SF-0016
SPECIFICATION FOR STORAGE TANK FOUNDATION	BR-GNRL-FEBCO-000-SF-SF-0002
SPECIFICATION FOR STORAGE TANK FOUNDATION COMPRESSOR STATION	BR-GCS-FEBCO-120-GT-RT-0001

KEY PLAN



این طرح و کلیه جزئیات آن متعلق به شرکت ملی پالایش و پخش نفت است.
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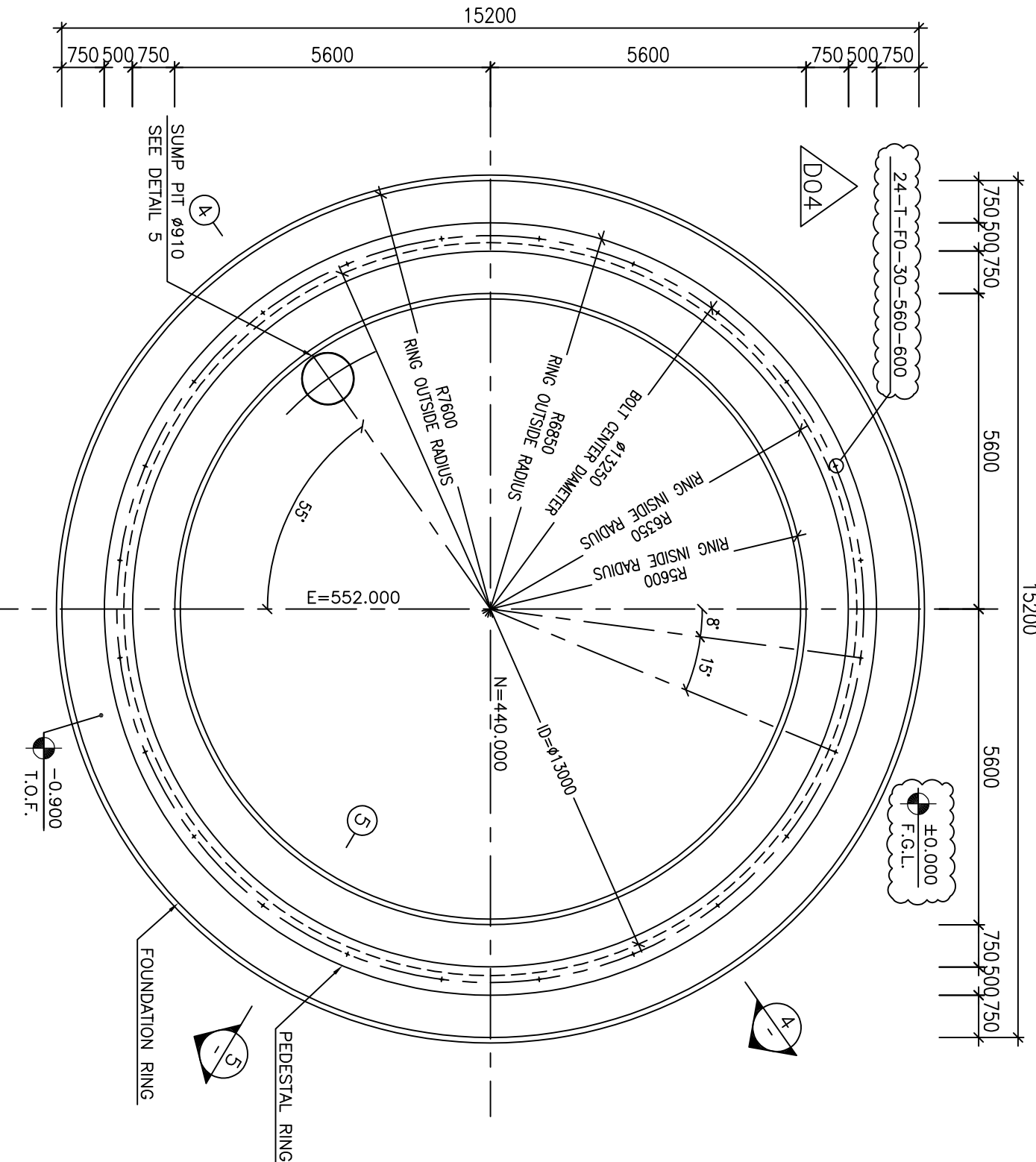
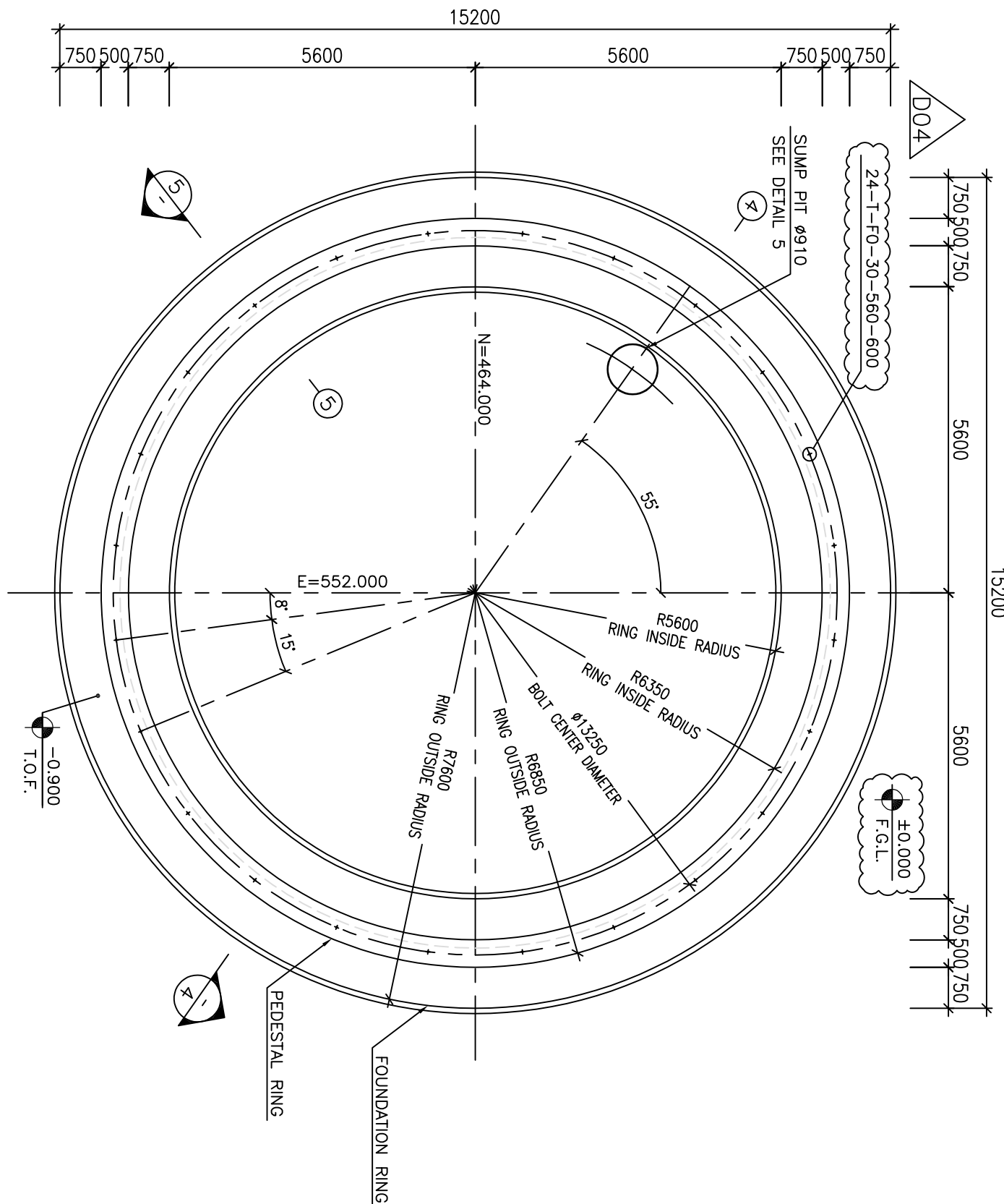
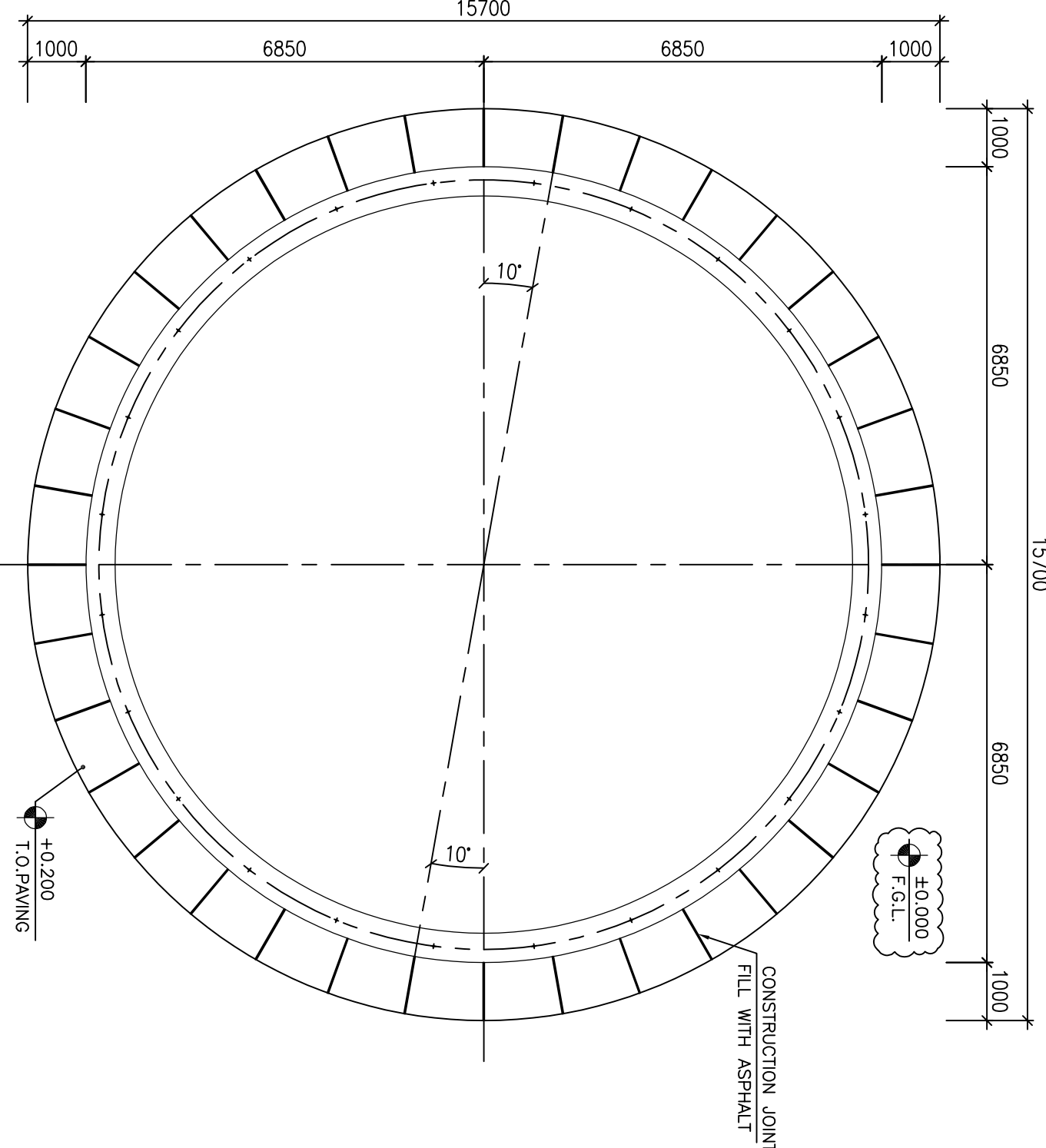
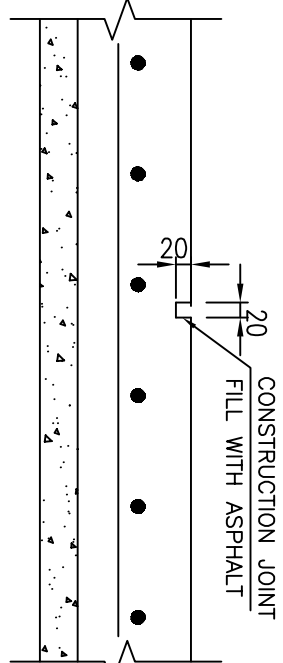
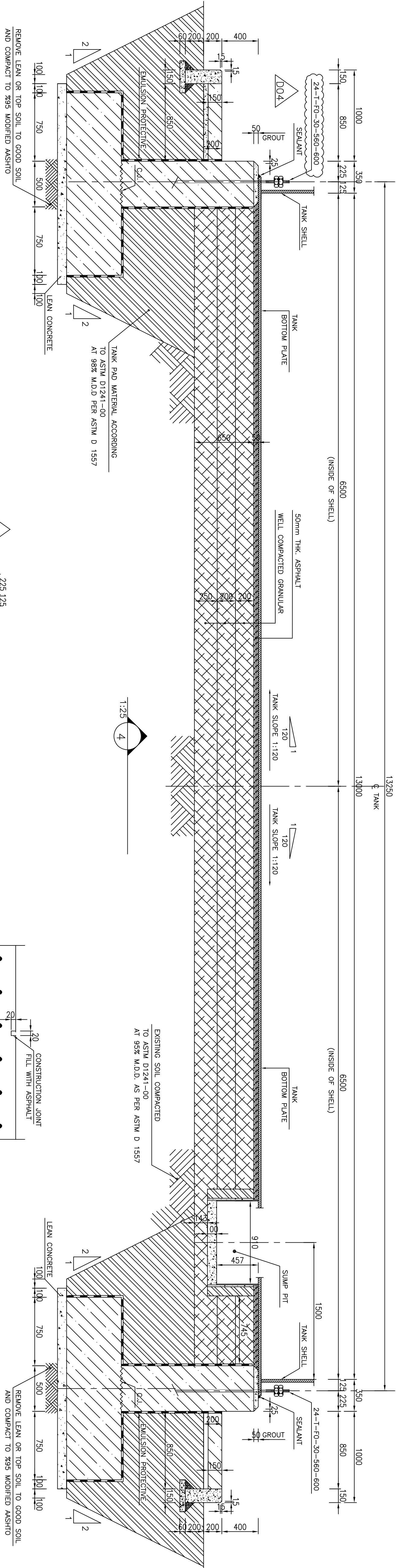
BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES

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	SERIAL NO.	SHEET REVISION
F	4	Q
709-003-9104	709161	1
		D04

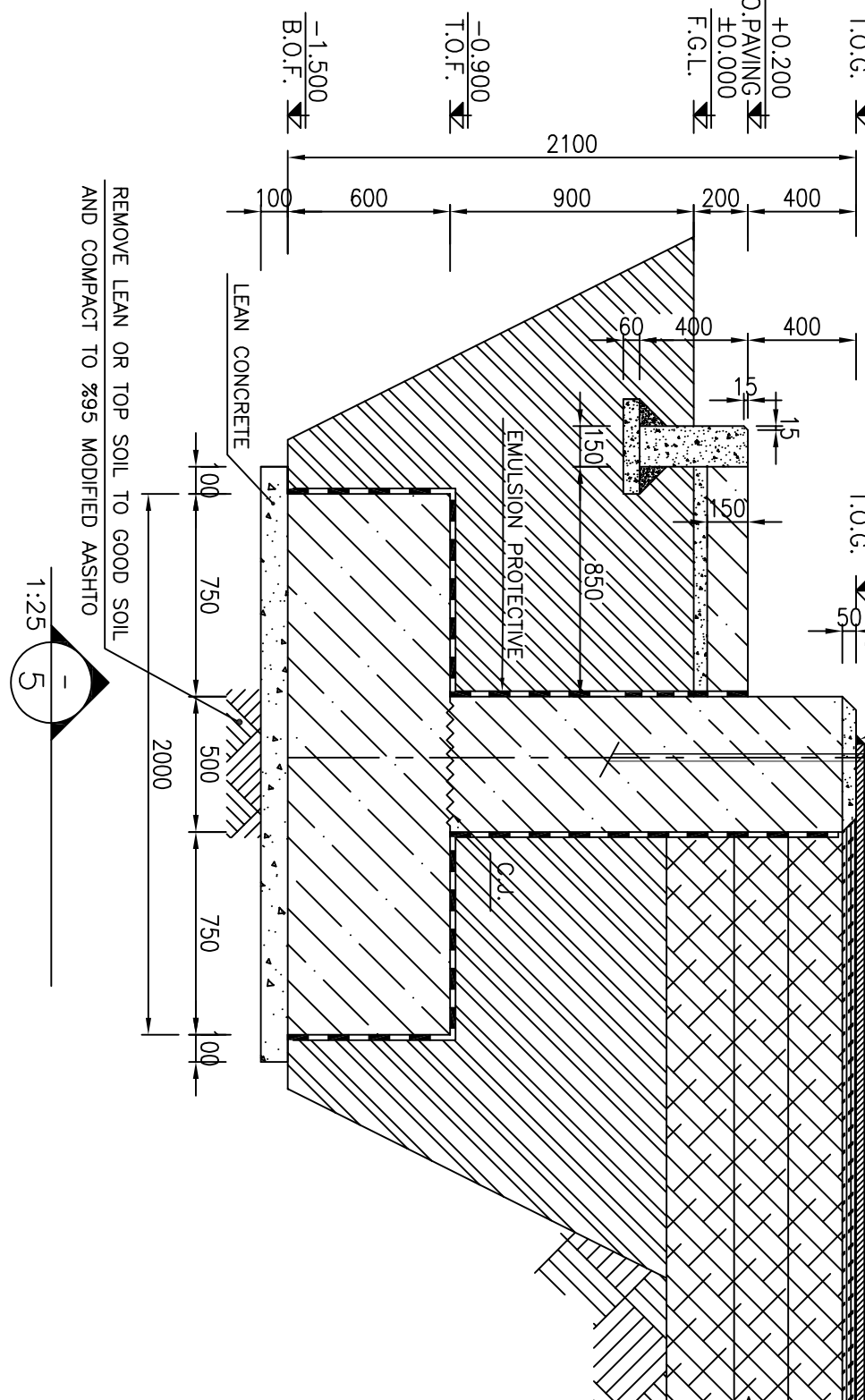
FOUNDATION & PEDESTAL PLAN
TK-2301 BFOUNDATION & PEDESTAL PLAN
TK-2301 A

TYPICAL DETAIL OF CONTRACTION JOINT

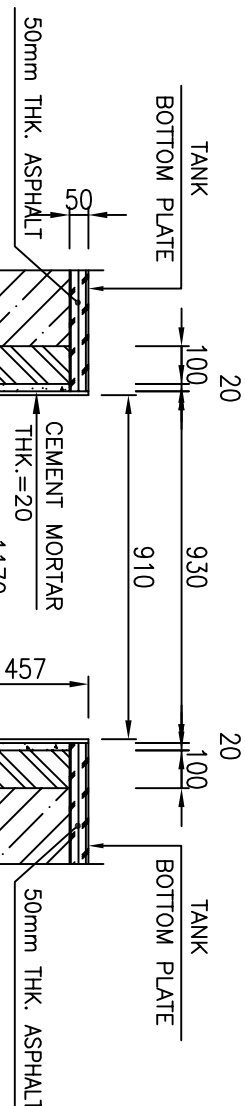
N.T.S.

AGGREGATE GRADATION	
SIEVE SIZES	% BY WEIGHT PASSING
GRANULAR FILL	ASPHALTIC CONCRETE
(2 1/2")	100
50mm (2")	95-100
25mm (1")	75-95
12.5mm (1/2")	100
9.5mm (3/8")	40-75
4.75mm (No.4)	30-60
2.00mm (No.10)	20-45
6.71mm (No.25)	27-38
0.425mm (No.40)	15-30
0.15mm (No.100)	10-17
0.075mm (No.200)	4-8

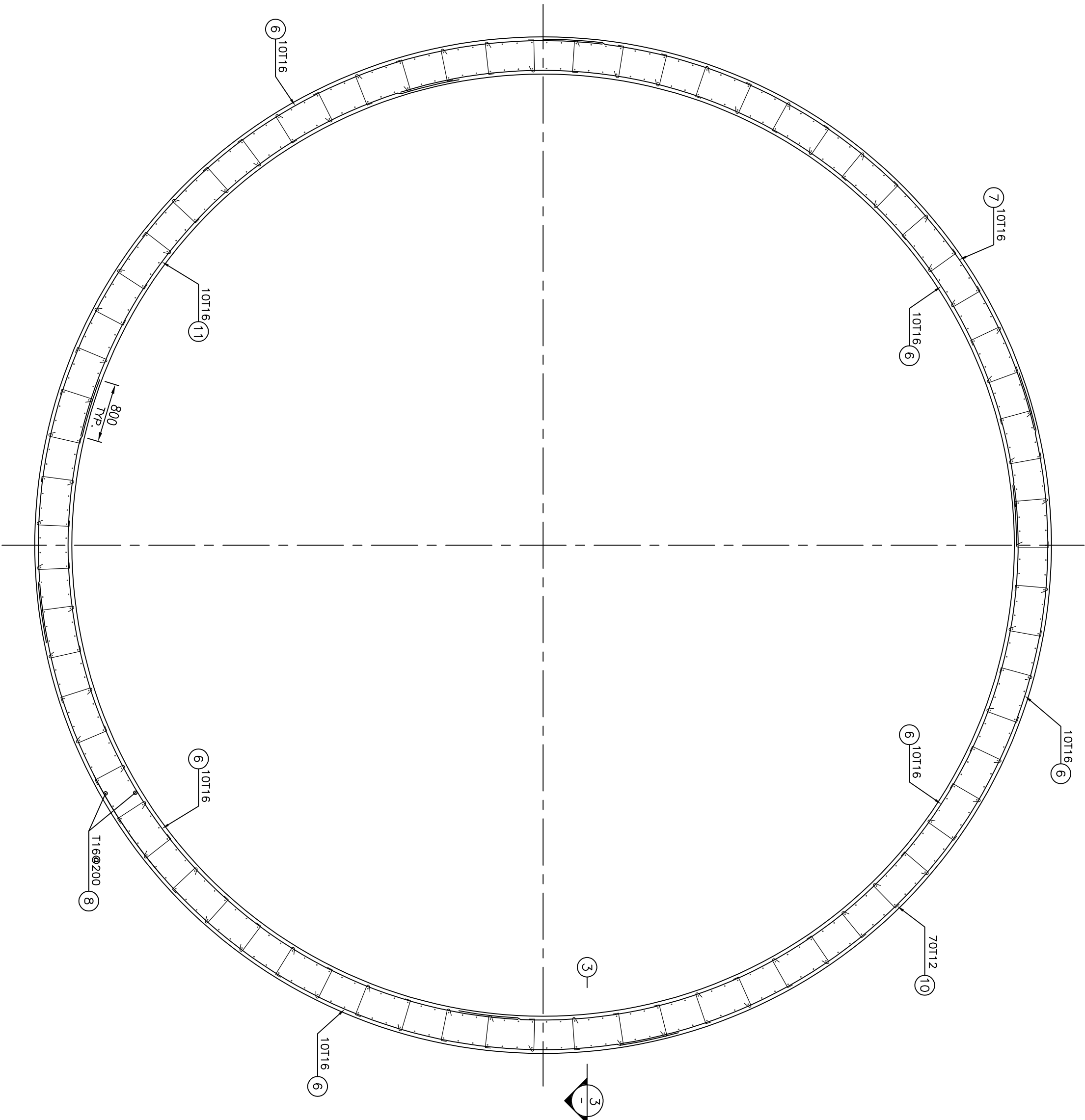
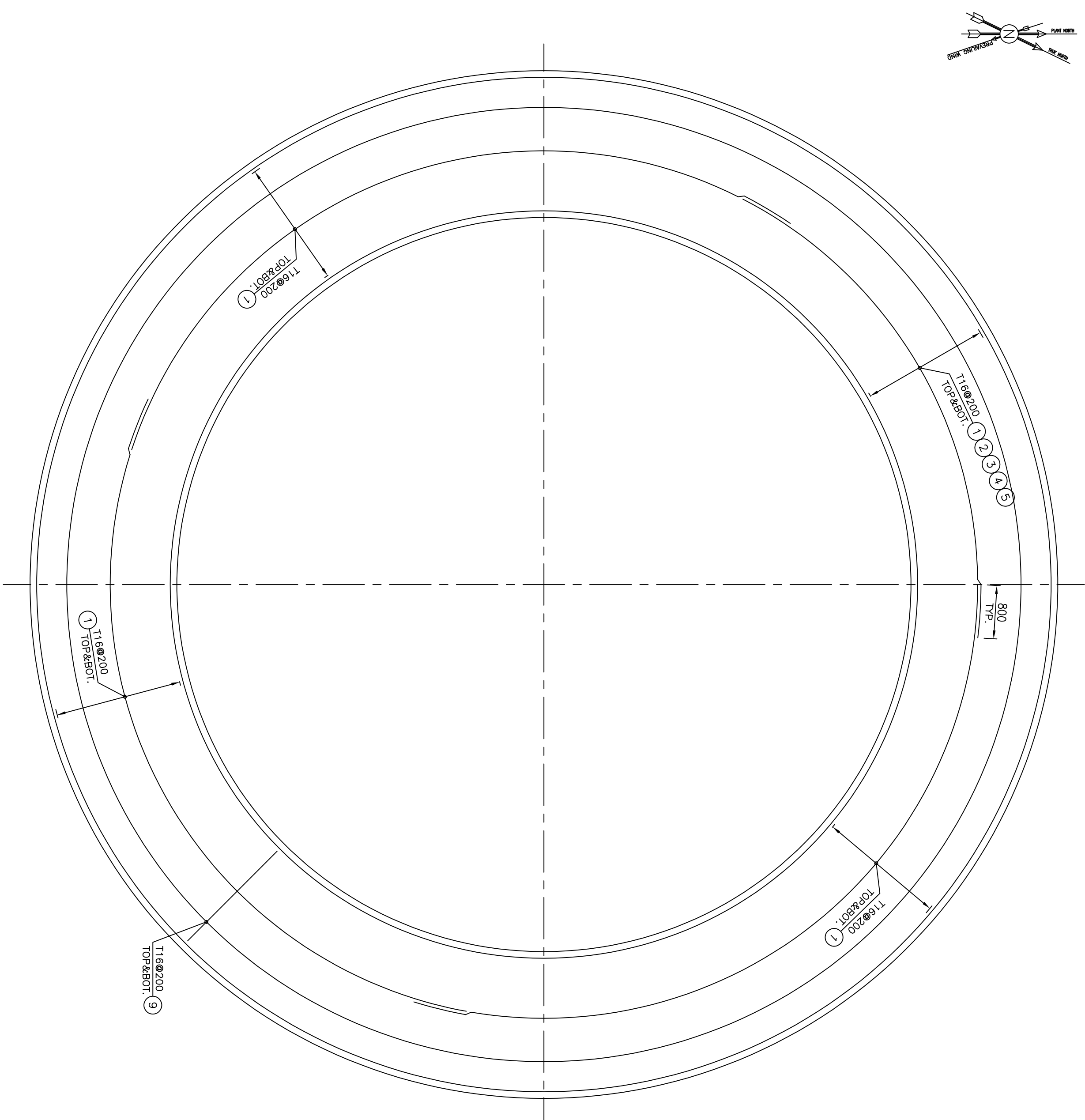
TABLE 1

FOUNDATION & PEDESTAL PLAN
TK-2301 AFOUNDATION & PEDESTAL PLAN
TK-2301 B

SLUMP PIT DETAIL



SLUMP PIT DETAIL



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 (m CYLINDRICAL SPECIMEN)
- 4) 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15MPa. (m CYLINDRICAL SPECIMEN)
- 5) CONCRETE COVER OVER OTHER BARS SHALL BE 75mm FOR FOUNDATION AND 40mm FOR CAST-IN-SITU OTHER PARTS.
- 6) TENSION STRENGTH OF BARS SHALL BE OF MINIMUM $F_y=400 \text{ kg/cm}^2$
- 7) CEMENT TYPE II SHALL BE USED ACCORDING TO GEOTECHNICAL RECOMMENDATION 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 ALIGNED LOCALLY TO SUIT THE RECESS OF ANCHOR BOLTS, HOLES AND OTHER EMBEDDED MATERIALS.
- 10) B-90-CONCRETE CAN BE USED ON CONCRETE EXPOSED WITH SOIL. PROTECTIVE COATING TO PREVENT THE PENETRATION OF DESTRUCTIVE THIS MATERIAL IS CONTROLLED ACCORDING TO THE FOLLOWING STANDARDS ASTM D1227, ASTM D2939, ASTM D1640
- 11) THE DRAIN FOR FILLING UNDER OF THE TANK MUST BE IN ACCORDANCE WITH PARAGRAPH 6.1 AND 6.2 OF THE TANK-CLIENT DRAINAGE SPECIFICATION FOR DRAINING. BK-06AL-FR000-05-99-0004)

$\pm 0.00 = +1.05(\text{F.G.L.})_{\text{MSL}}$

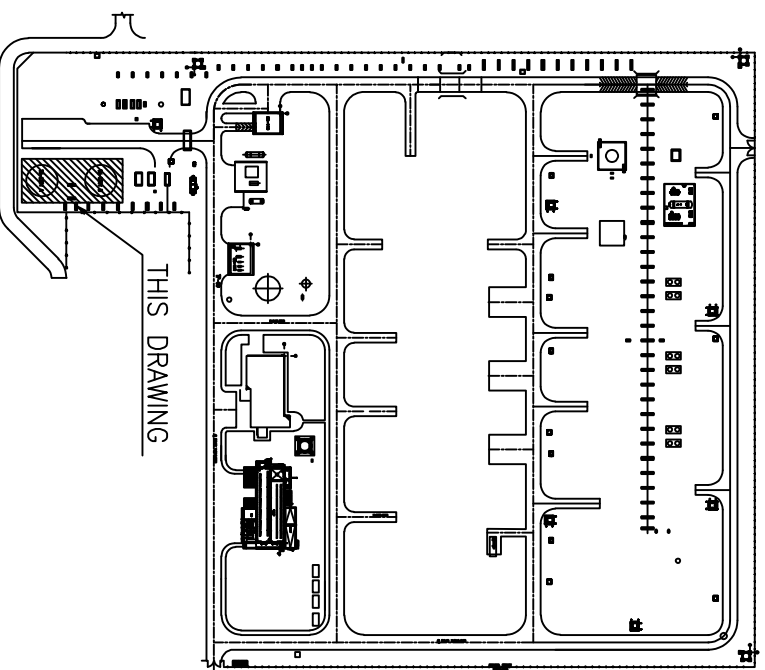
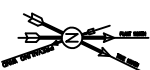
LEGEND AND ABBREVIATION

	REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
	LEAN CONCRETE	B.O.F.	BOTTOM OF FOUNDATION
	GRAVEL	C.J.	CONSTRUCTION JOINT
	F.G.L.	FINISH GRADING LEVEL	
	T.O.G.	TOP OF GROUT	
	MSL	MEAN SEE LEVEL	
	ASPHALT	T.O.PED.	TOP OF PEDESTAL

NG

REFERENCE DRAWING	DWG. NO.
UNIT PLOT PLAN DRAWING	BK-GCS-PEDCO-120-PY-PY-0001
STANDARD DRAWING FOR ANCHOR BOLTS	BK-CNRAI-PEDCO-000-ST-JD-0000
SPECIFICATION FOR CONCRETE WORK	BK-CNRAI-PEDCO-000-ST-SP-0000
SPECIFICATION FOR GROUTING	BK-CNRAI-PEDCO-000-ST-SP-0000
MECHANICAL DRAWING SHEETS FOR FIRE WATER STORAGE TANK	BK-GCS-PEDCO-120-WF-WF-0017
MECHANICAL DRAWING SHEETS FOR CATHODIC PROTECTION SYSTEM	BK-CNRAI-PEDCO-000-LE-SP-0000
SPECIFICATION FOR STORAGE TANK FOUNDATION	BK-CNRAI-PEDCO-000-ST-SP-0000
GEOTECHNICAL INVESTIGATION REPORT FOR DEPRESSION STATION	BK-GCS-PEDCO-120-GT-GT-0001

KEY PLAN

[illegible]

اصل و کتبہ نسخہ این گفتہ و حق الفہم منتقل بہ ترک علی مناطق یافت خیر جہوں مینابند۔

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BINAK OFFIELD DEVELOPMENT

SURFACE FACILITIES

GAS COMPRESSOR STATION

SCALE	DRAWING BY	CHECKED BY	PROJECT EN
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NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

PROVED FOR CONSTRUCTION	BY:	DATE:
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ET REF.	LOCATION	SIZE	CLASS	SERIAL. NO.	SHEET	RE
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53-9184	F	4	0	709161	2
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BAR BENDING SCHEDULE							
Pos	Spec.	Shape	L/A	No.	T8	T12	T16
1	T16	_____12000_____	12.00	64			768.0
2	T16	_____9500_____	9.50	4			38.0
3	T16	_____7000_____	7.00	4			28.0
4	T16	_____4500_____	4.50	4			18.0
5	T16	_____2000_____	2.00	4			8.0
6	T16	_____12000_____	12.00	60			720.00
7	T16	_____9500_____	9.50	10			96.00
8	T16	300(____1900____)300	2.50	44.0			1100.00
9	T16	300(____1850____)300	2.45	400			980.0
10	T12	120(____7400____)120	0.64	70		44.80	
11	T16	_____4500_____	7.40	10			74.00
12	T8	_____12000_____	12.00	72			864.0
13	T8	_____700_____	0.70	160			112.0
TOTAL LENGTH OR AREA (m)					976.0	44.80	3520.00
UNIT WEIGHT (Kg/m)					0.500	0.888	1.578
WEIGHT (Kg)					488.0	39.78	603.74
GRAND TOTAL (Kg)					6600		

NOTE:

ABOVE QUANTITIES ARE FOR ONE TANK

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

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

1:25 