

NOTES

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- 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)
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- 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 THE MAXIMUM DENSITY AS DETERMINED BY ASTM D-1557 & ASTM D-1241 (MODIFIED PROCTOR) METHOD.
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- 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.
- 11) THIS MATERIAL IS CONTROLLED ACCORDING TO THE FOLLOWING STANDARDS: ASTM D1227, ASTM D2939, ASTM D1640
- 12) THE GROUT FOR FILLING LINER OF THE TANK MUST BE IN ACCORDING WITH PARAGRAPH 6) AND OF THE TYPE OF SAND-CEMENT GROUT (SPECIFICATION FOR GROUTING BR-GRAAL-FEBCO-000-ST-SR-0004)

LEGEND AND ABBREVIATION

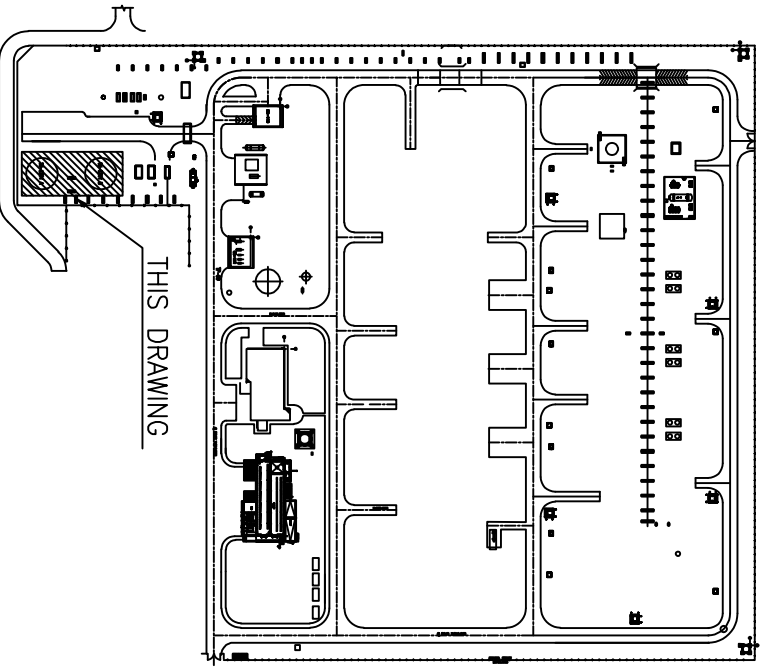
	REINFORCED CONCRETE	T.O.F.	TOP OF FOUNDATION
	LEAN CONCRETE	B.O.F.	BOTTOM OF FOUNDATION
	GRAVEL	C.J.	CONSTRUCTION JOINT
	SUB GRADE	F.G.L.	FINISH GRADING LEVEL
	ASPHALT	T.O.G.	TOP OF GROUT
		MSL.	MEAN SEE LEVEL
		T.O.FED.	TOP OF PEDESTAL

REFERENCE DRAWING

DRG. No.

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

KEY PLAN



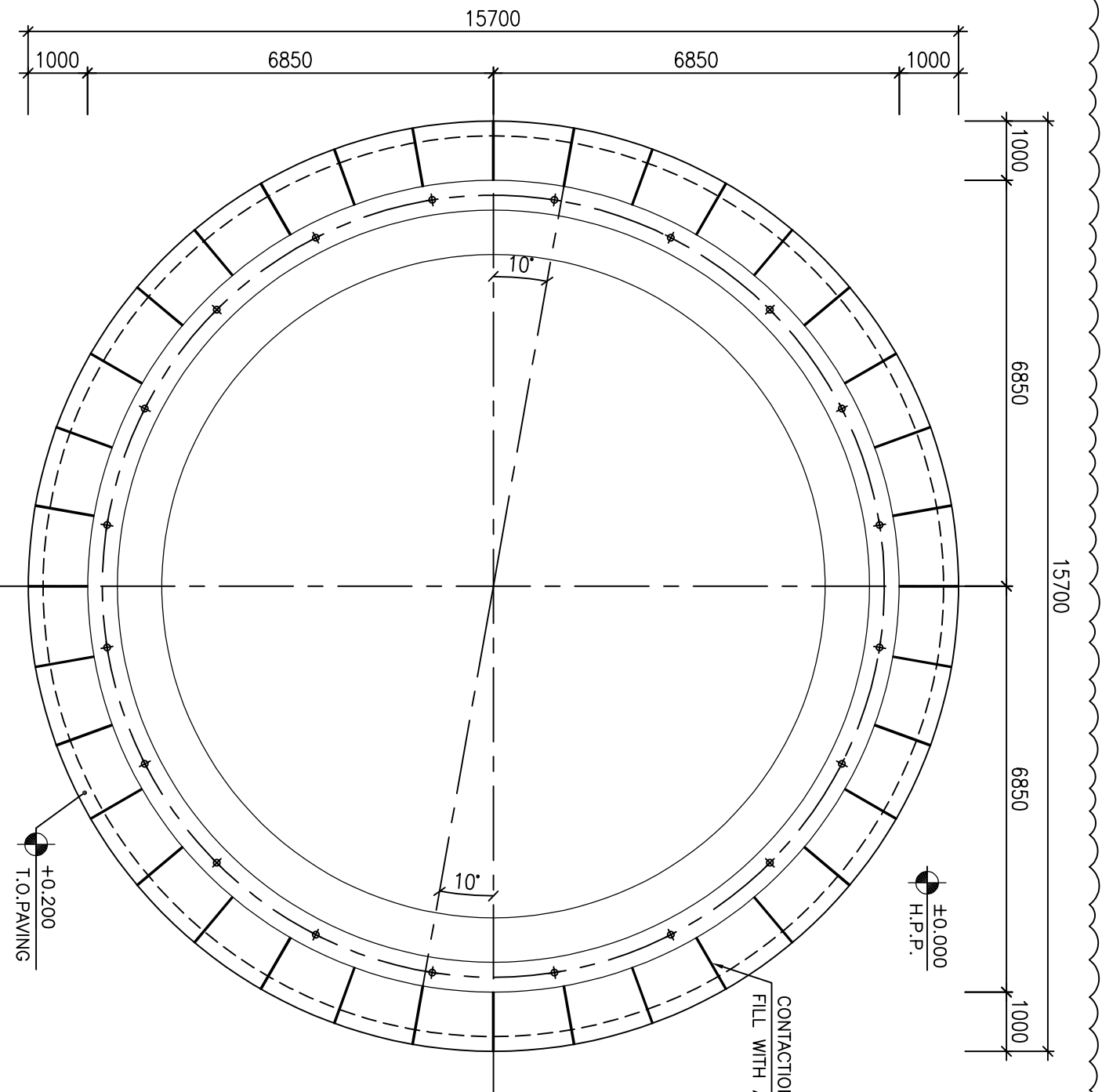
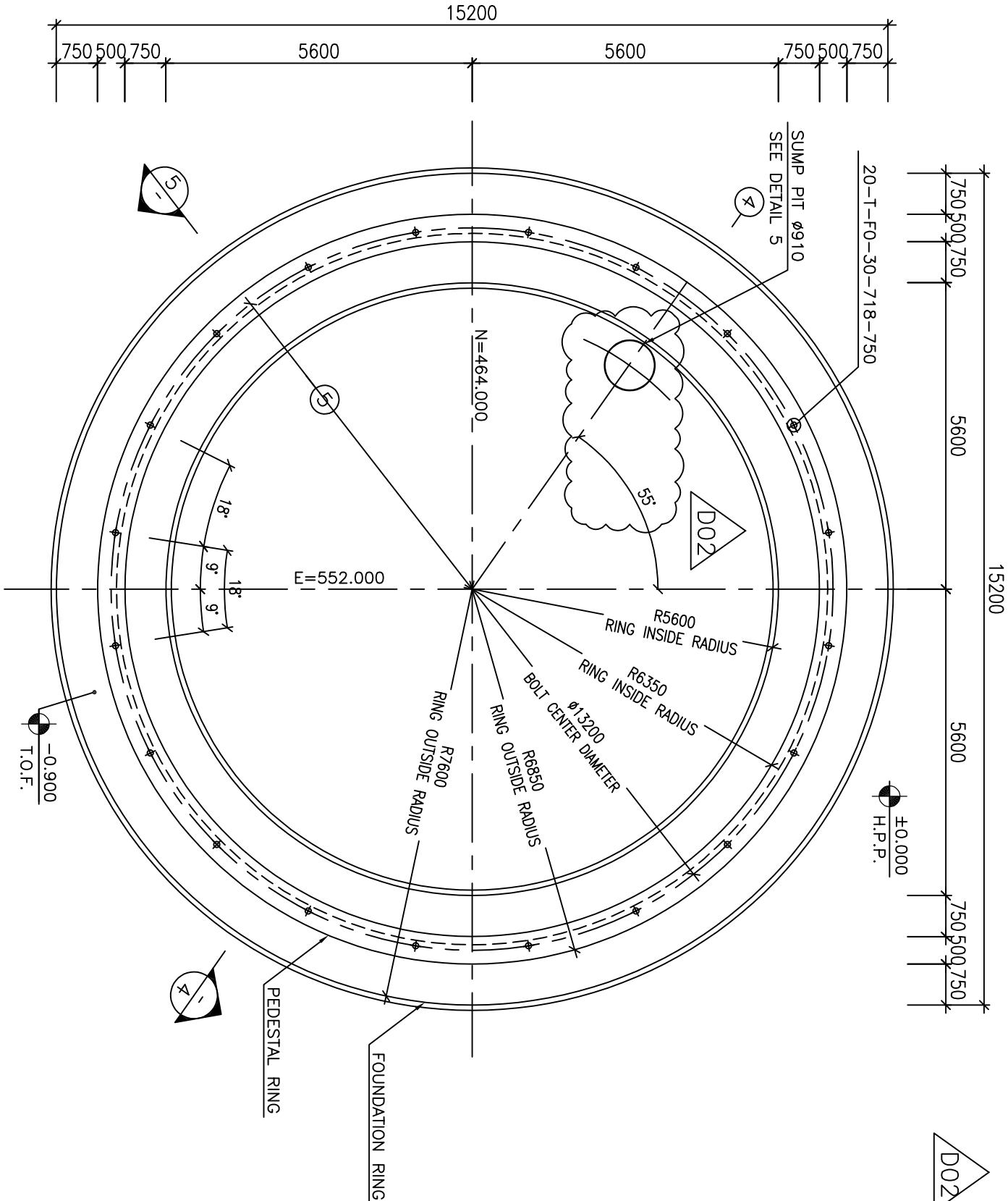
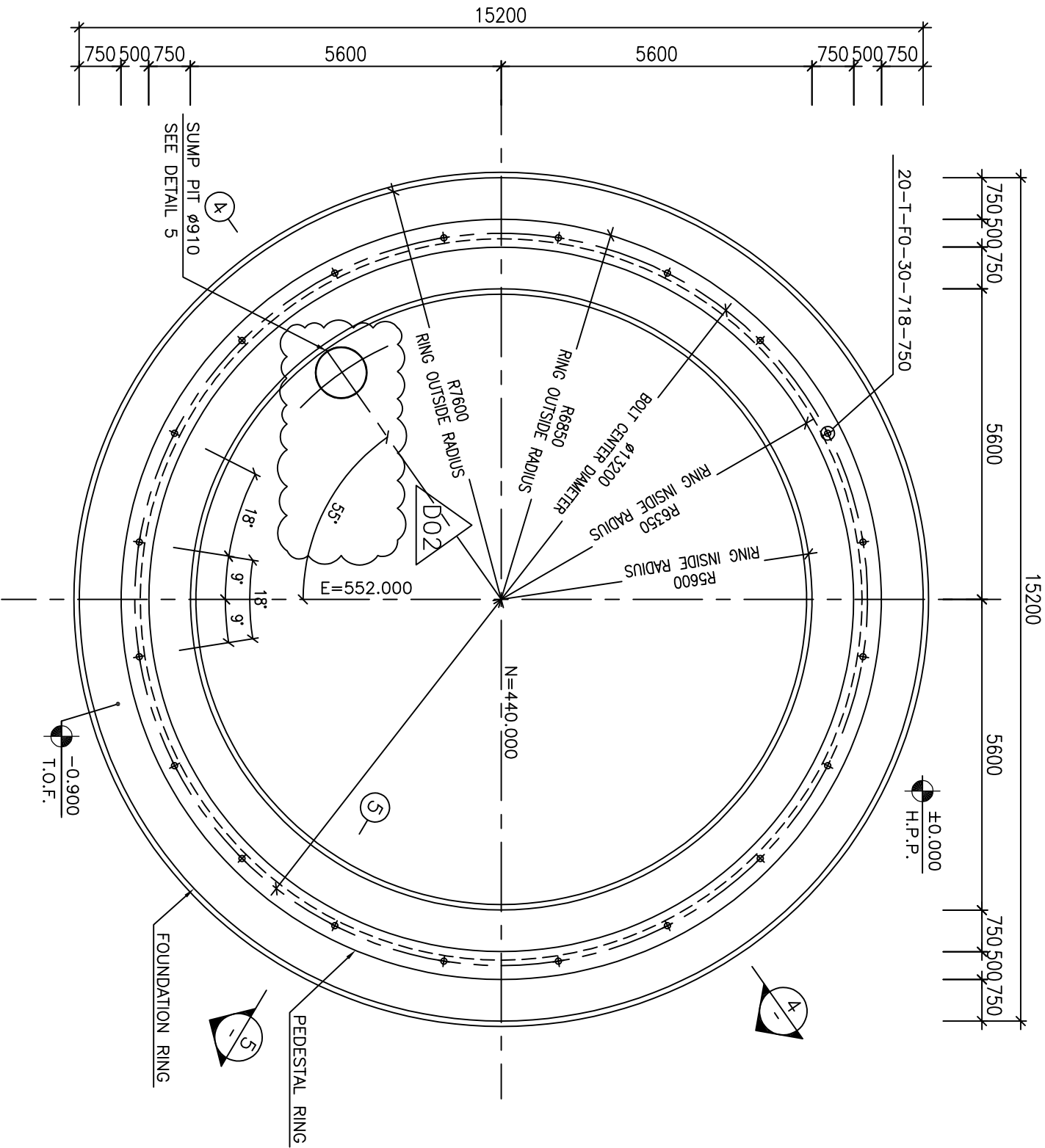
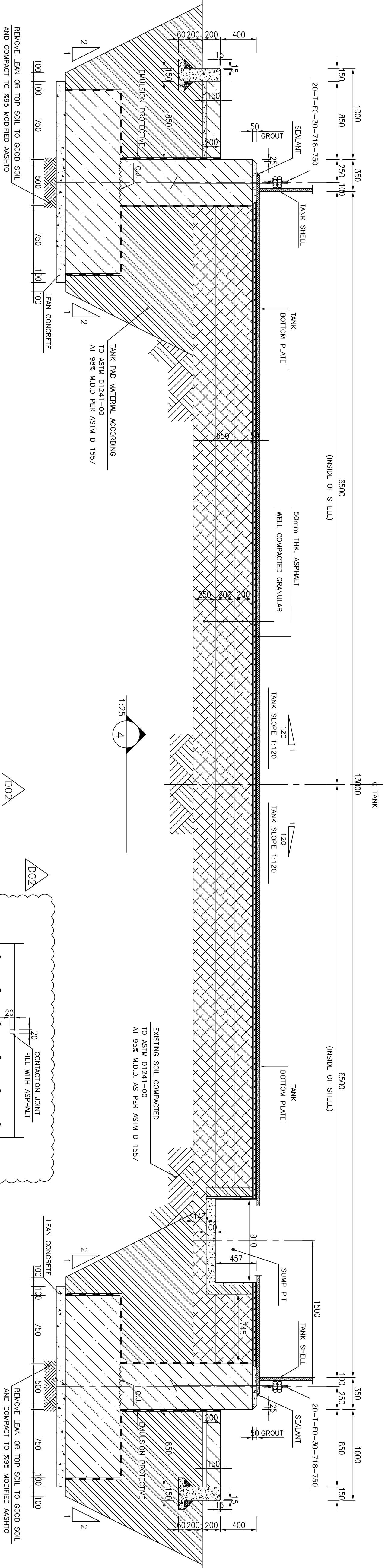
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N.I.S.O.C./ FIELDS

BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES

GAS COMPRESSOR STATION

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION	BY:	DATE:
BUDGET REF. LOCATION	SIZE CLASS	SERIAL NO.
F	4	Q
709-003-9104	709161	1
		D02

PAVING PLAN AT ELEVATION +0.200
TK-2301 A&BFOUNDATION & PEDESTAL PLAN
TK-2301 BFOUNDATION & PEDESTAL PLAN
TK-2301 A

T:2/3

4

TYPICAL DETAIL OF CONTRACTION JOINT

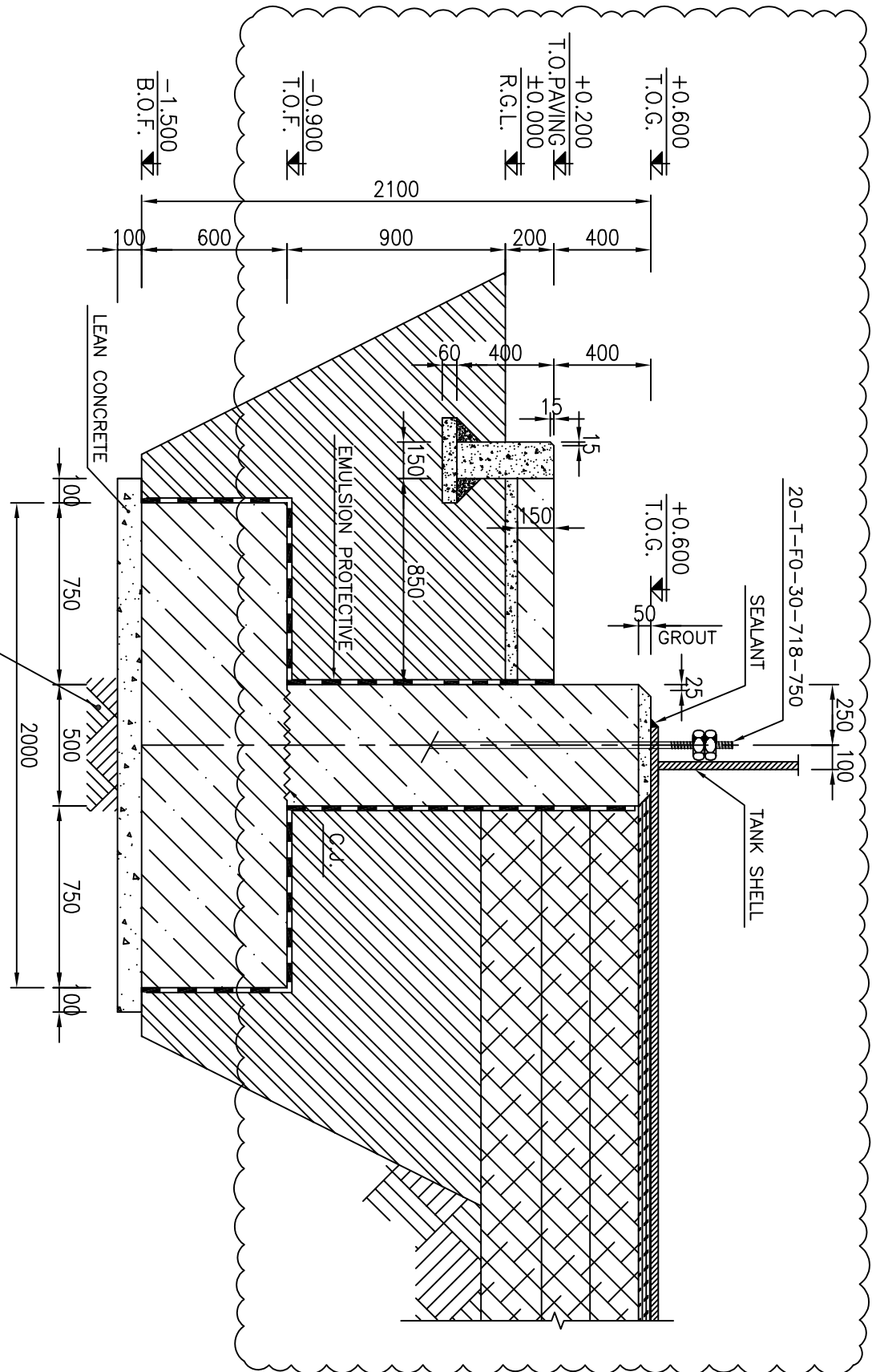
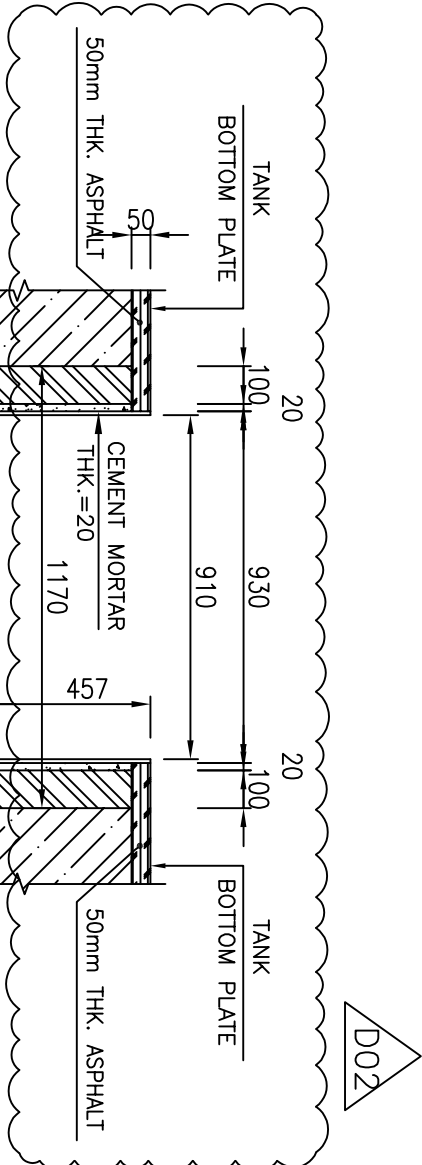
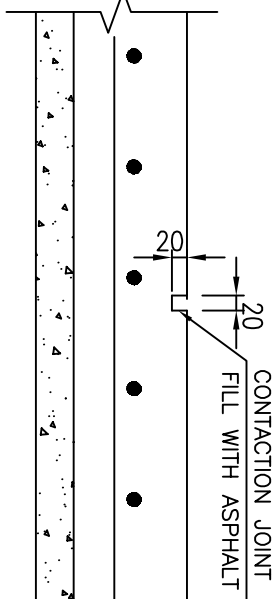


TABLE 1

AGGREGATE GRADATION	
SIEVE SIZES	% BY WEIGHT PASSING
GRANULAR FILL	ASPHALTIC CONCRETE
50mm (2")	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

EPC CONTRACTOR:		EPC CONTRACTOR (GC):	
BIRGAN ENERGY - DESIGN & INSPECTION COMPANIES		PETROBRAN DEVELOPMENT COMPANY	
DRAWING TITLE: FOUNDATION DRAWING FOR FIRE WATER STORAGE TANKS (TK-2301A/B)		DRAWING NO.	
SCALE	SIZE	SHEET NO.	REV.
AS SHOWN	A1	BR-GCS-FEBCO-120-ST-DW-0024	1 OF 2
		D02	
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D02	MAY 2024	AFC	***
D01	FEB 2024	IFA	***
D00	SEP 2023	IPC	***
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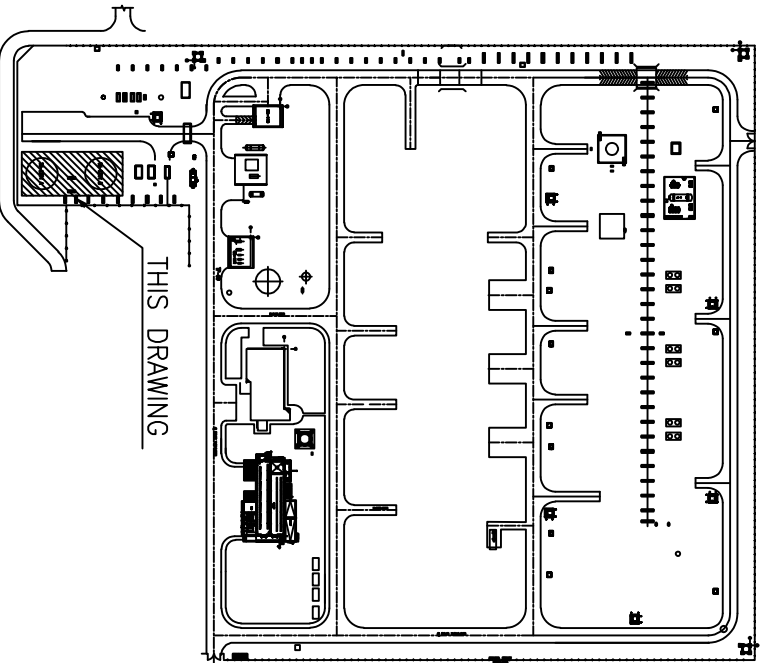
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SPECIFICATION FOR STORAGE TANK FOUNDATION	BR-GNRL-FBDO-000-ST-SP-0002
SPECIFICATION FOR INVESTIGATION REPORT FOR COMPRESSOR STATION	BR-GCS-FBDO-120-GT-RT-0001

KEY PLAN



این طرح کلیه حقوق انحصاری و فکری را برای خود محفوظ می‌دارد. هرگونه کپی‌برداری یا استفاده غیرمجاز بدون اجازه کتبی شرکت مجاز نیست.

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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:

BUDGET REF. LOCATION SIZE CLASS

SERIAL NO.

SHEET

REVISION

709161

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SHEET

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