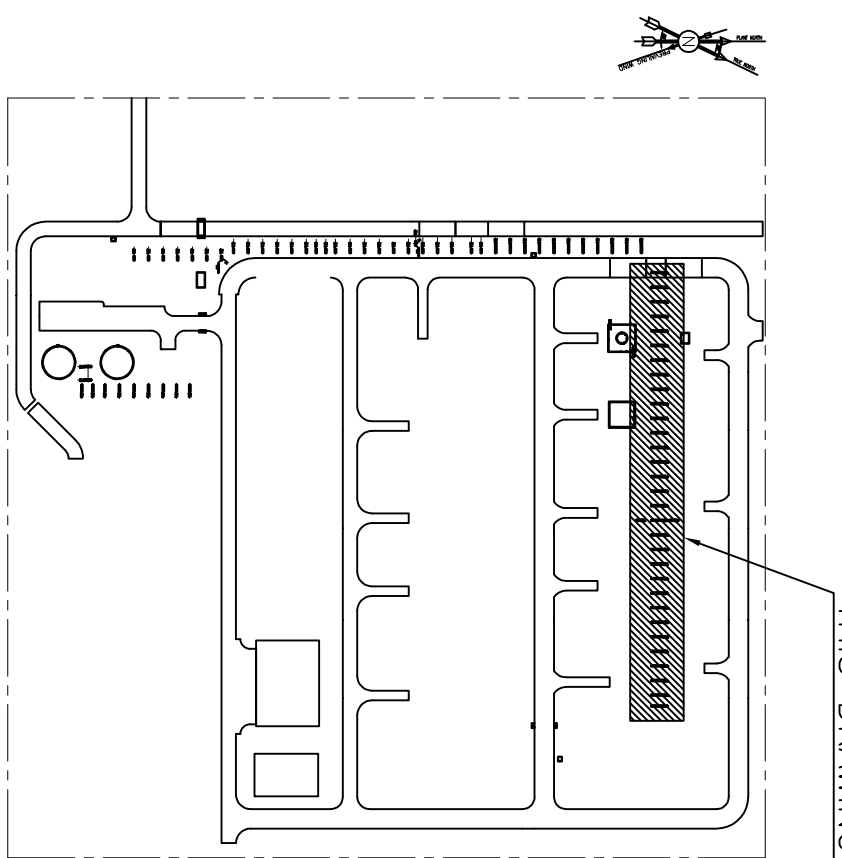
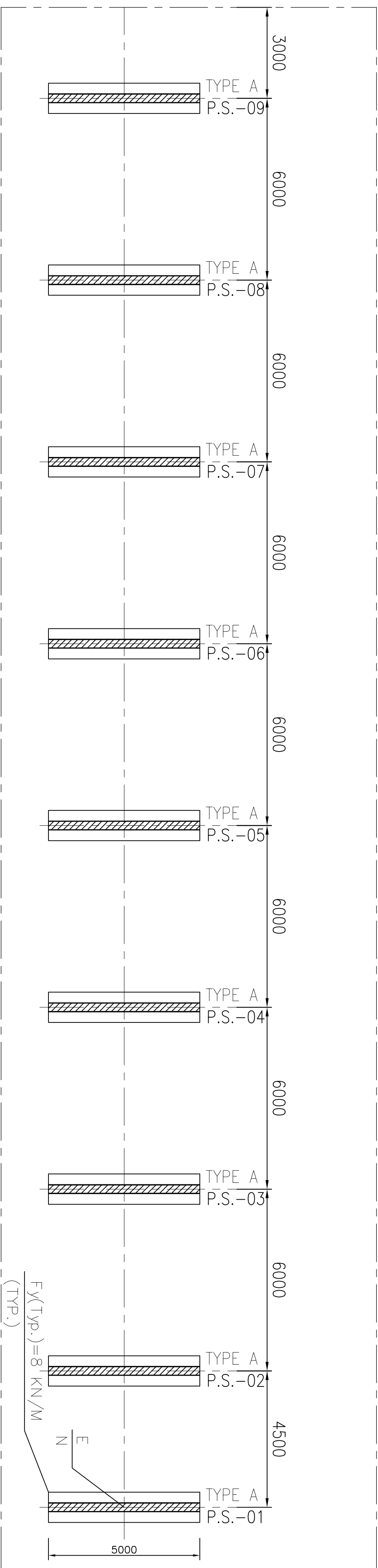
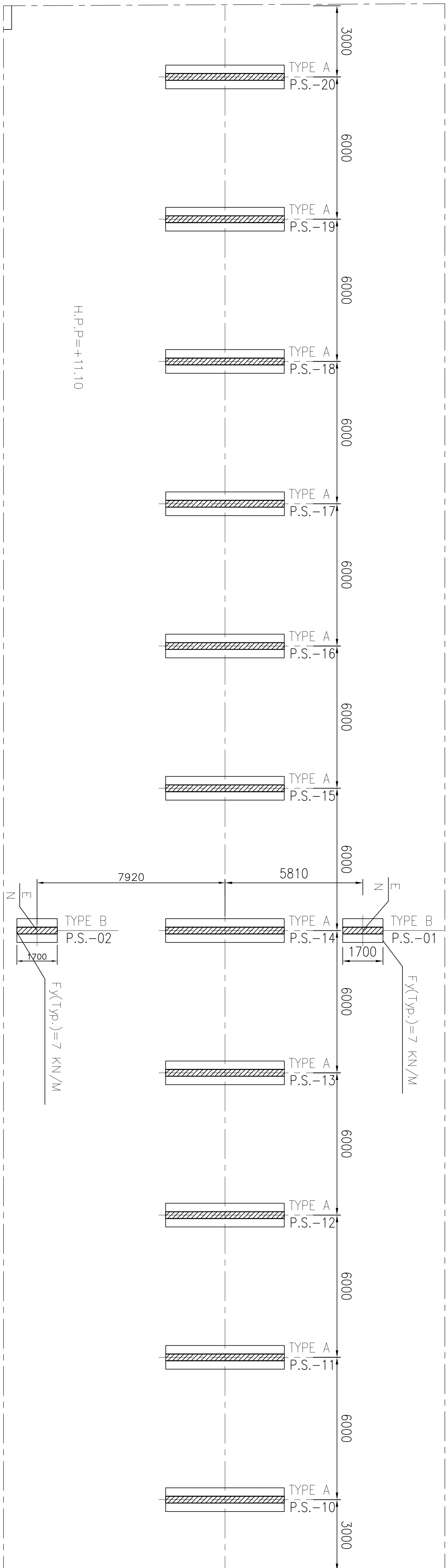
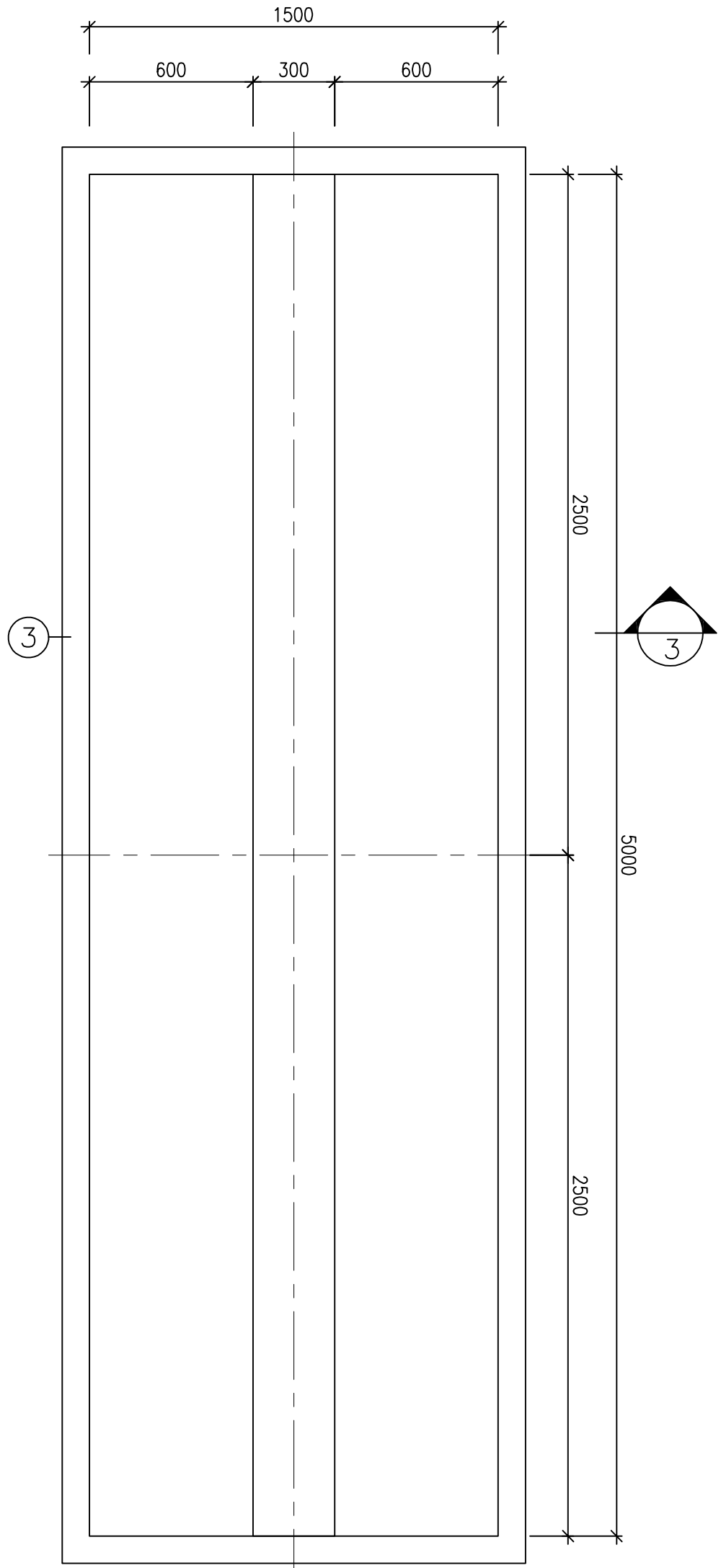
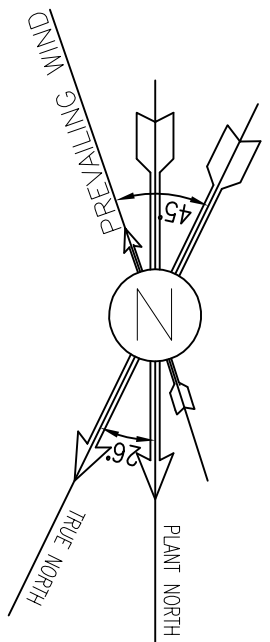
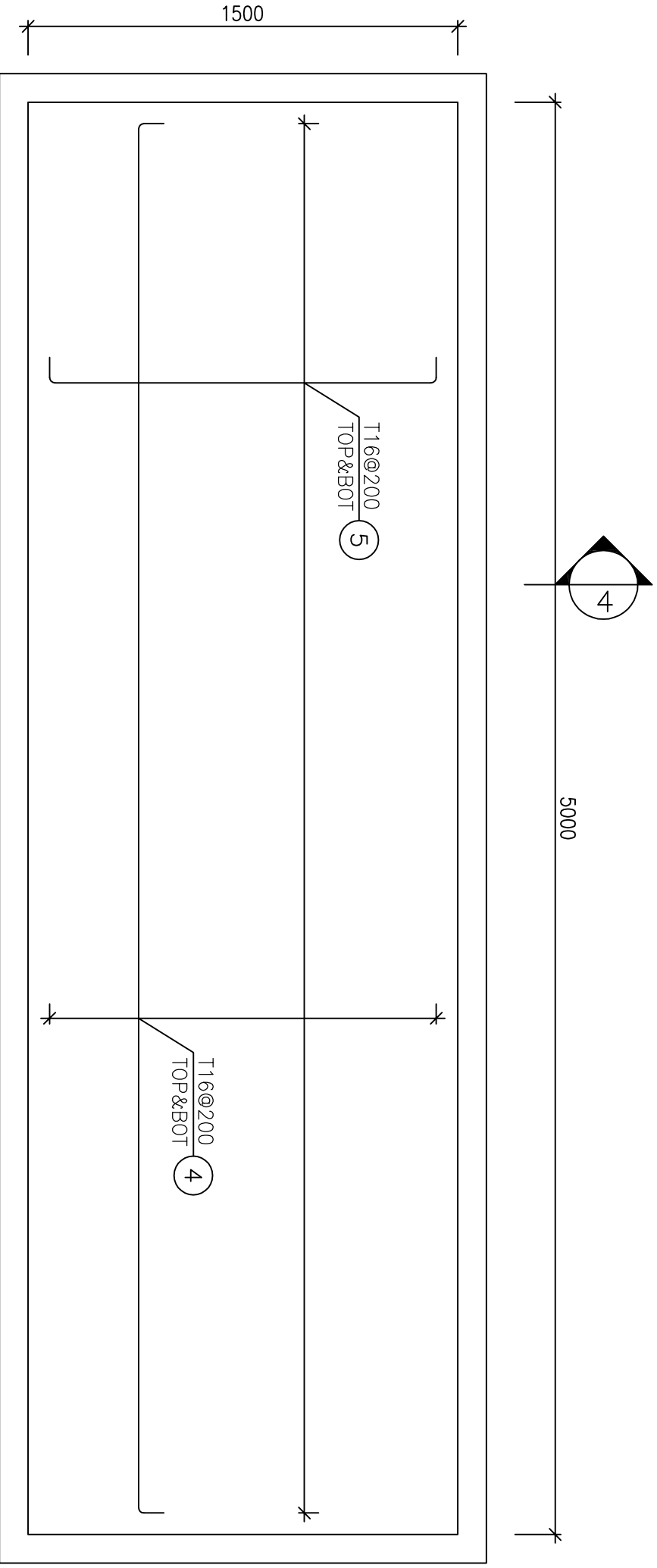


- | NOTES | |
|-------|--|
| 1) | ALL ELEVATIONS AND COORDINATES ARE IN "m" UNLESS OTHERWISE NOTED. |
| 2) | ALL DIMENSIONS AND ELEVATIONS SHALL BE CHECKED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. |
| 3) | 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF CONCRETE IS 30MPa. (ON CYLINDRICAL SPECIMEN) |
| 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 $F_y=400 \text{ kg/cm}^2$ TO RELEVANT SPECIFICATION. |
| 7) | UNDERGROUND CONCRETE SHALL BE PROTECTED AND COATED ACCORDING TO RELEVANT SPECIFICATION. |
| 8) | CEMENT TYPE II SHALL BE USED ACCORDING TO GEOTECHNICAL RECOMMENDATION. |
| 9) | FILL MATERIAL SHALL BE COMPACTED TO NOT LESS THAN 95% OF THE MAXIMUM DENSITY AS DETERMINED BY ASTM D-1557 (MODIFIED PROCTOR) METHOD. |
| 10) | REINFORCEMENT SHALL BE ADJUSTED LOCALLY TO SUIT THE RECESS OF ANCHOR BOLTS, HOLES AND OTHER EMBEDDED MATERIALS. |

[illegible]

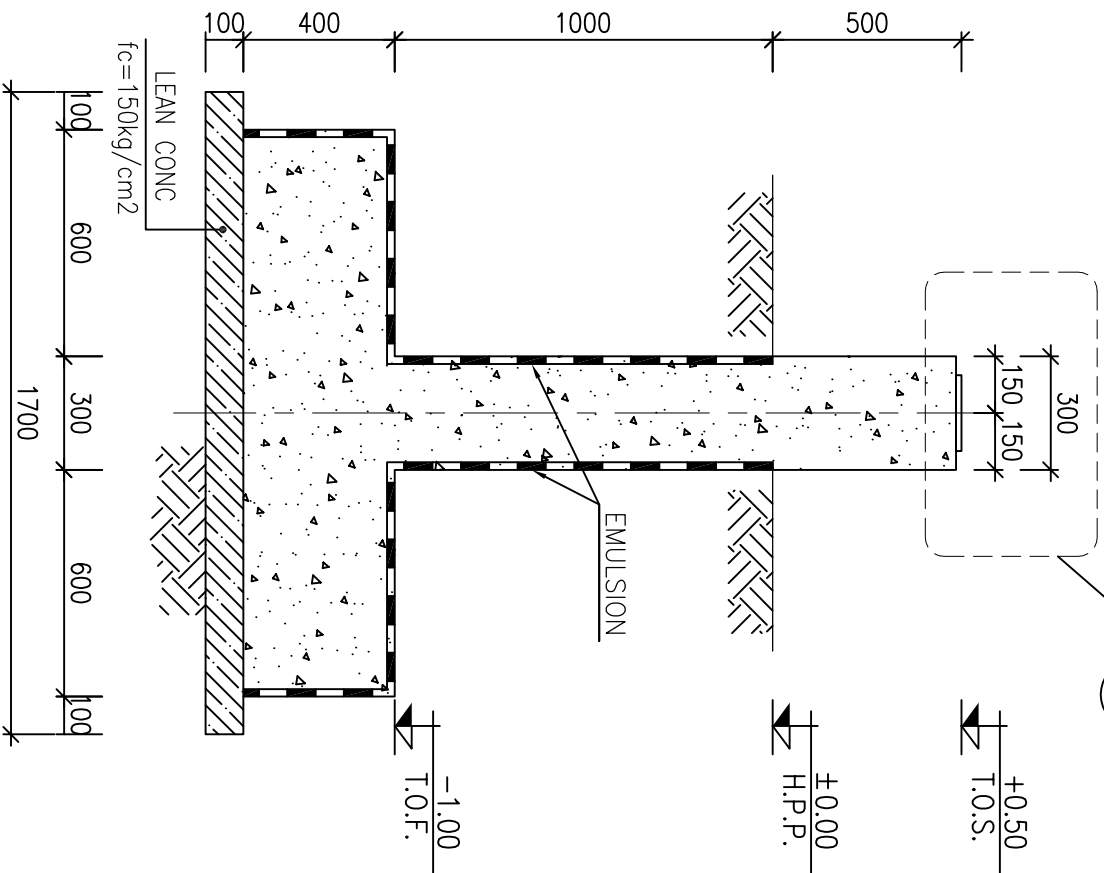
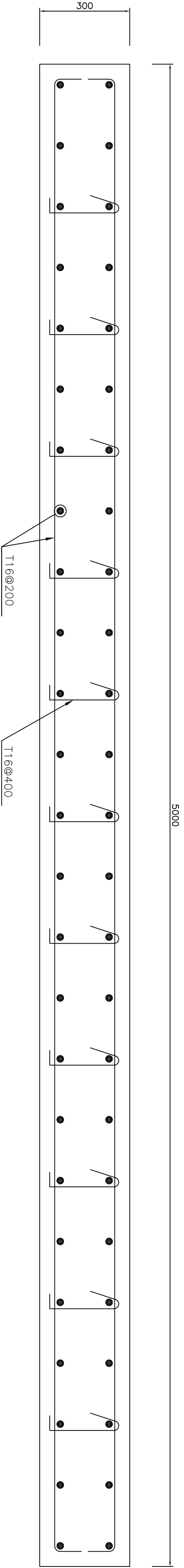


FOUNDATION FORMWORK PLAN
PIPE SLEEPERS TYPE A (NO. : 31)

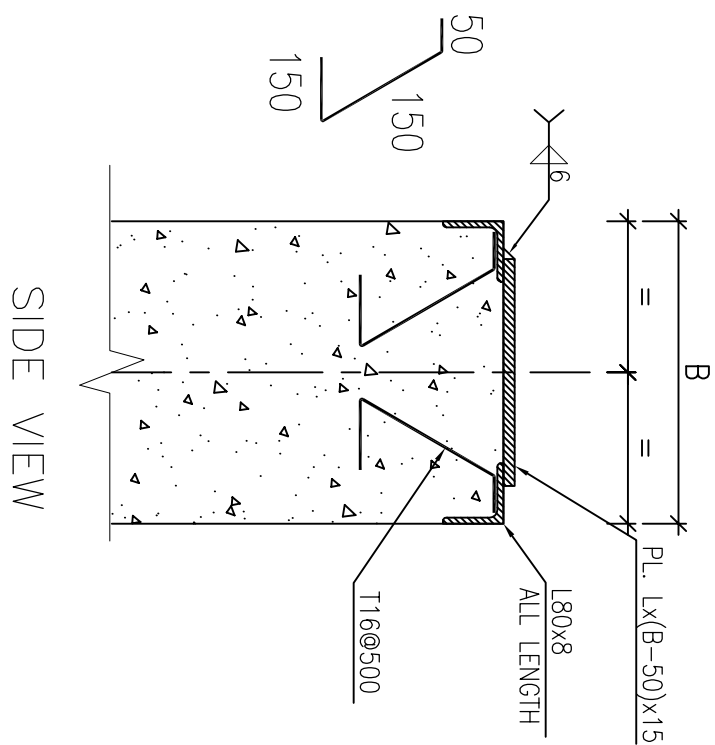


FOUNDATION REINFORCEMENT PLAN
PIPE SLEEPERS TYPE A (NO. : 31)

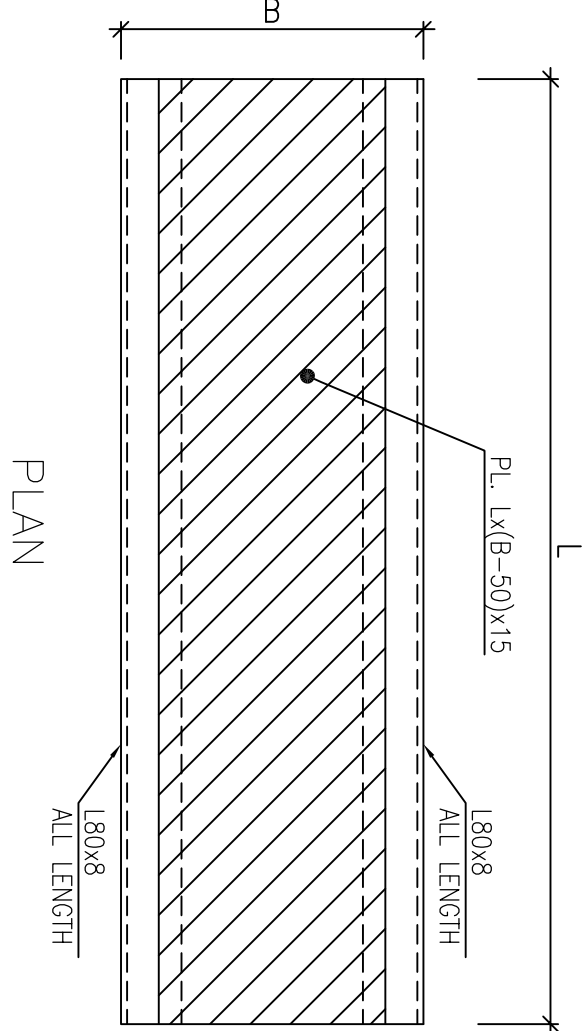
REINFORCEMENT
(1:10 scale)



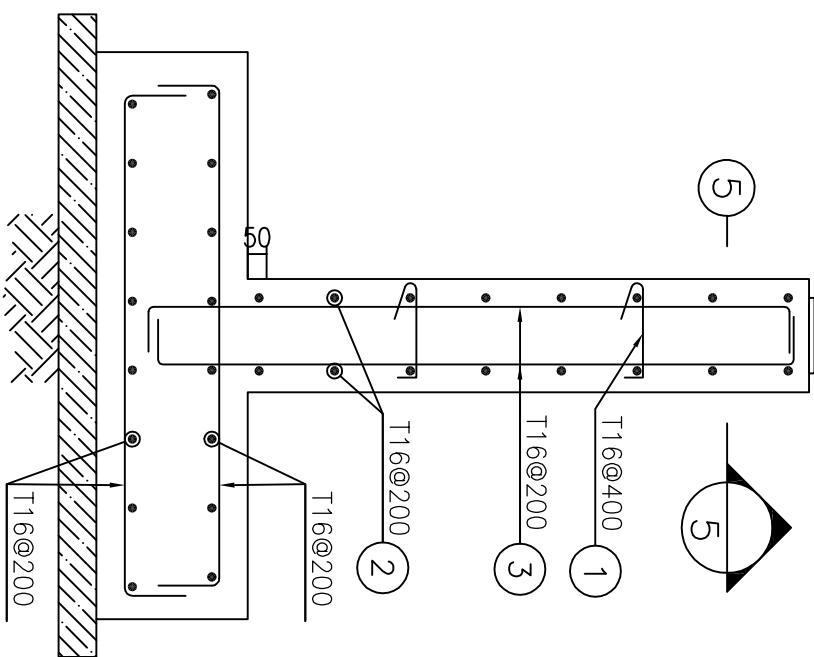
FORMWORK
(1:20 scale)



DETAIL
(1:20 scale)



REINFORCEMENT
(1:20 scale)

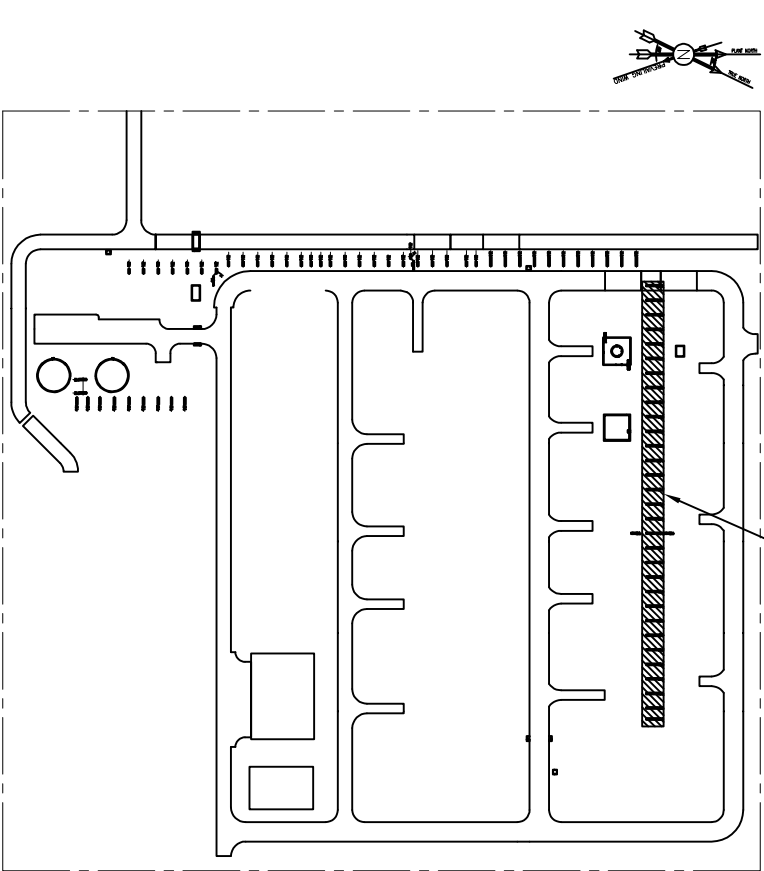


- NOTES
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 - 6) TENSION STRENGTH OF BARS SHALL BE OF MINIMUM $F_y=4000 \text{ kg/cm}^2$.
 - 7) UNDERGROUND CONCRETE SHALL BE PROTECTED AND COATED ACCORDING TO RELEVANT SPECIFICATION.
 - 8) CEMENT TYPE II SHALL BE USED ACCORDING TO GEOTECHNICAL REPORT SUGGESTION.
 - 9) FILL MATERIAL SHALL BE COMPACTED TO NOT LESS THAN 95% OF (MODIFIED PROCTOR) METHOD.
 - 10) REINFORCEMENT SHALL BE ADJUSTED LOCALLY TO SUIT THE RECESS OF ANCHOR BOLTS, HOLES AND OTHER EMBEDDED MATERIALS.

LEGEND	
T.O.F.	TOP OF FOUNDATION
B.O.F.	BOTTOM OF FOUNDATION
T.O.G.	TOP OF GROUT
H.P.P.	HIGH POINT OF PAVING
REINFORCED CONCRETE	
LEAN CONCRETE	
GROUND	

REFERENCE DRAWING	DRG. No.
*****	*****

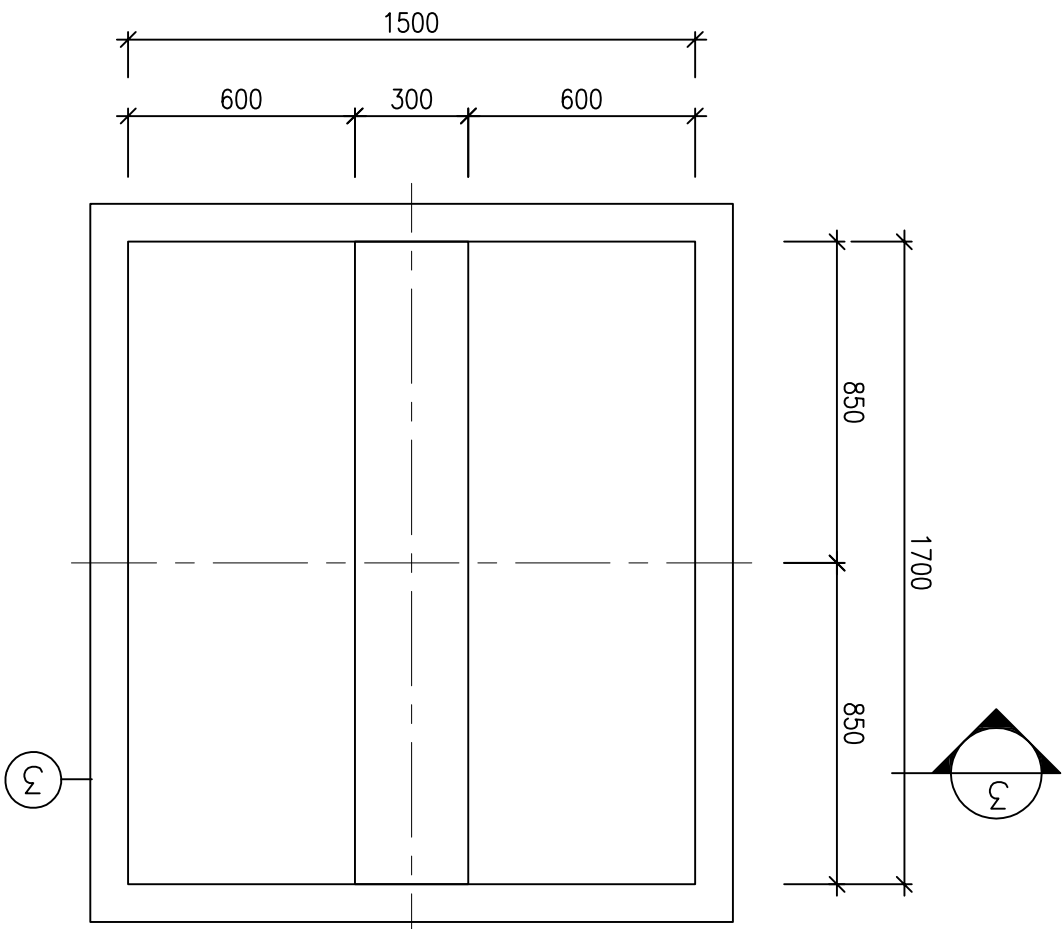
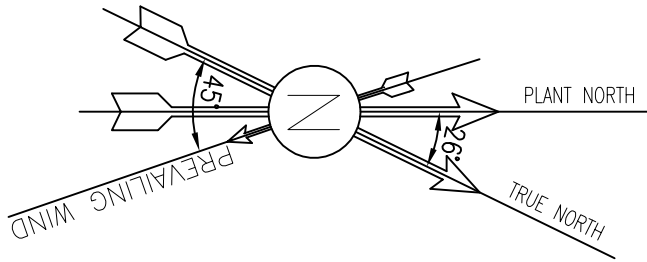
KEY PLAN	
THIS DRAWING	



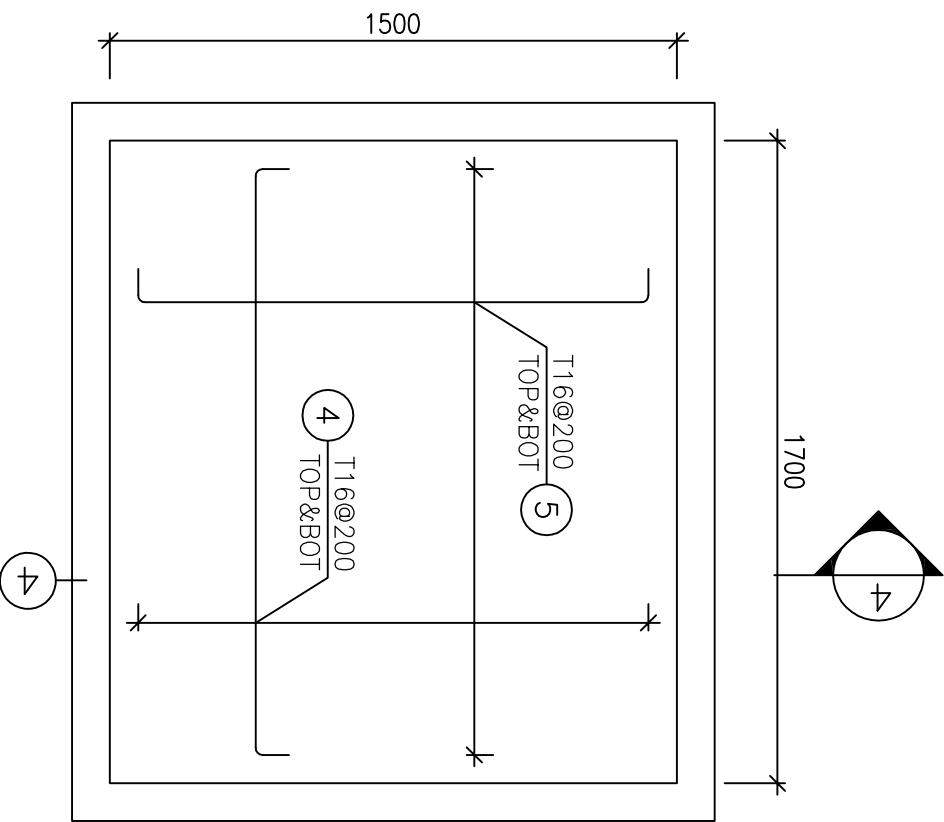
امثل و کلیه متابع این خطه و حق انحصاری حقوق به شرکت ملی مناطق نفت خیز جنوب متعلق است.
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N.I.S.O.C./ FIELDS

Pos	Spec.	Shape	L/A	No.	T16
1	T16	100 200 100	0.400	682	272,800
2	T16	250 480 250	5.400	496	2678,400
3	T16	250 1700 250	2.200	52	114,400
4	T16	250 480 250	5.350	496	2653,600
5	T16	250 1390 250	1.850	1612	2982,200
TOTAL LENGTH OR AREA (m/m2)					8701.40
UNIT WEIGHT (Kg)					1.578
WEIGHT (Kg)					13730.61
GRAND TOTAL (Kg)					13731 Kg.

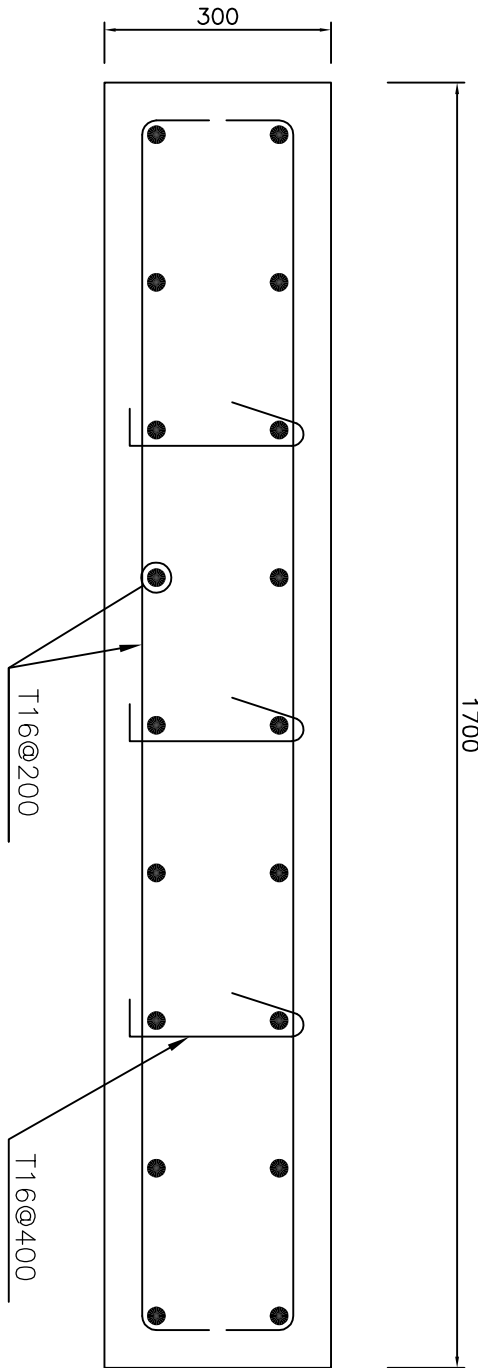
EPC CONTRACTOR:		EPC CONTRACTOR (GC):	
HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES		PETROIRAN DEVELOPMENT COMPANY	
DRAWING TITLE: FOUNDATION DRAWING FOR COMPRESS AREA MAIN SLEEPERS		NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED	
SCALE	SIZE	DRAWING NO.	SHEET NO.
1:20	A0	BK-GCS-PFPCO-120-ST-DW-0044	03 OF 04
REV.		REV.	REV.
03 OF 04		03	000
APPROVED FOR CONSTRUCTION BY:		DATE:	
BUDGET REF. LOCATION SIZE CLASS		SHEET REVISION	
053-073-9144		03	



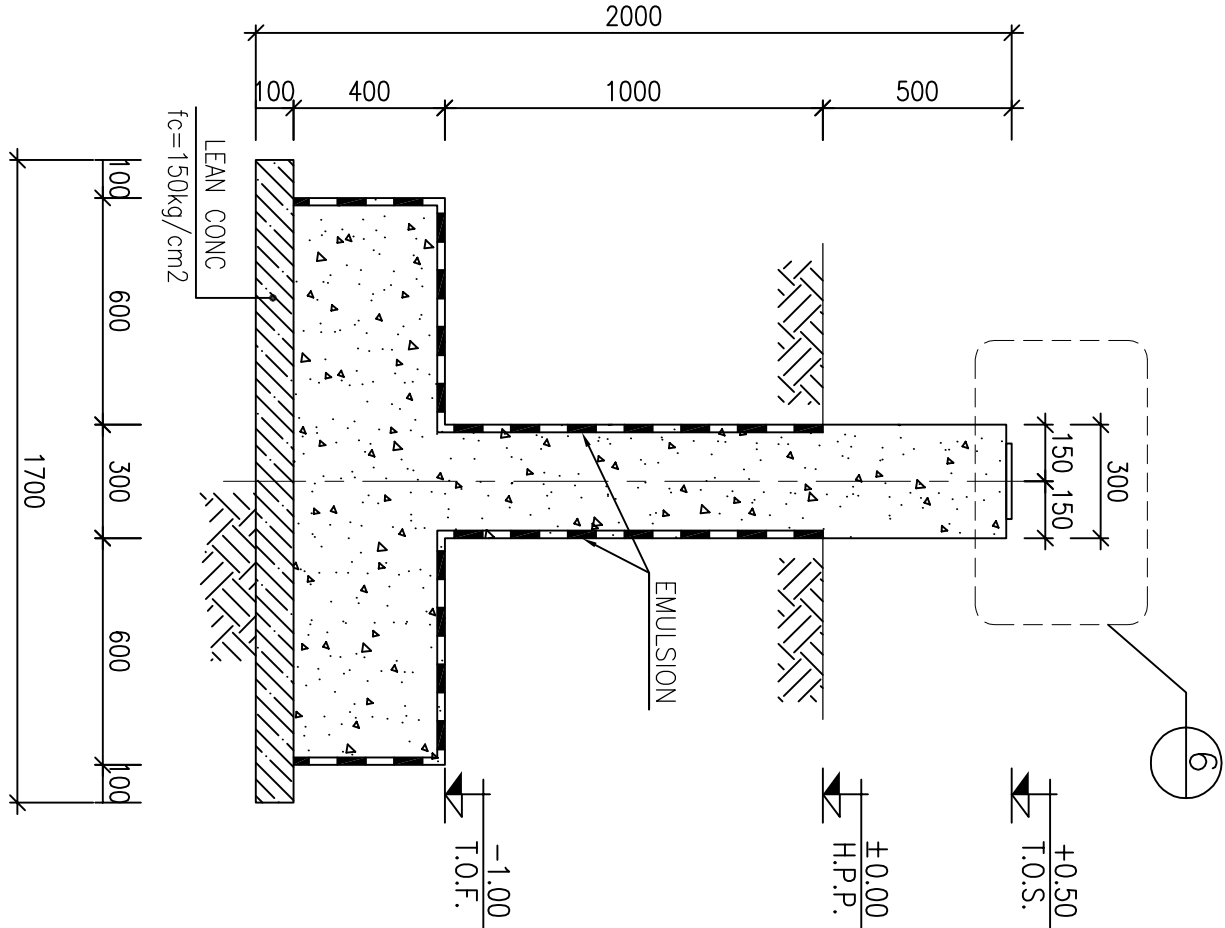
1:20 FOUNDATION FORMWORK PLAN
PIPE SLEEPERS TYPE B (NO. : 02)



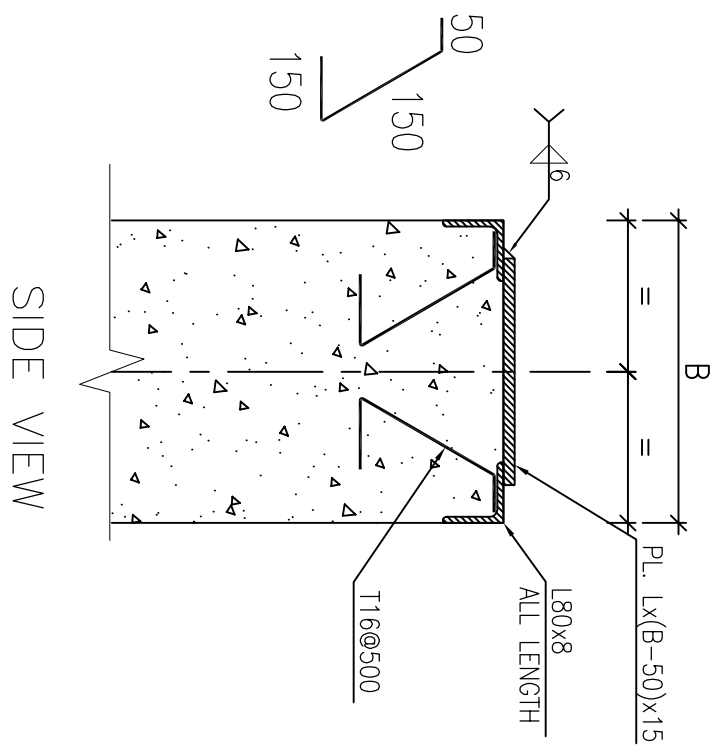
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PIPE SLEEPERS TYPE B (NO. : 02)



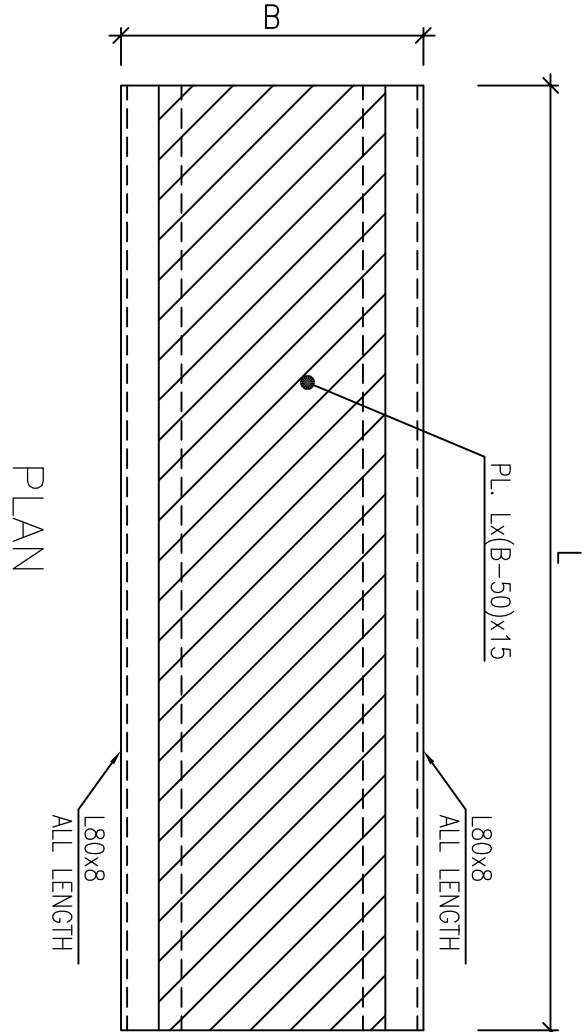
1:10 REINFORCEMENT



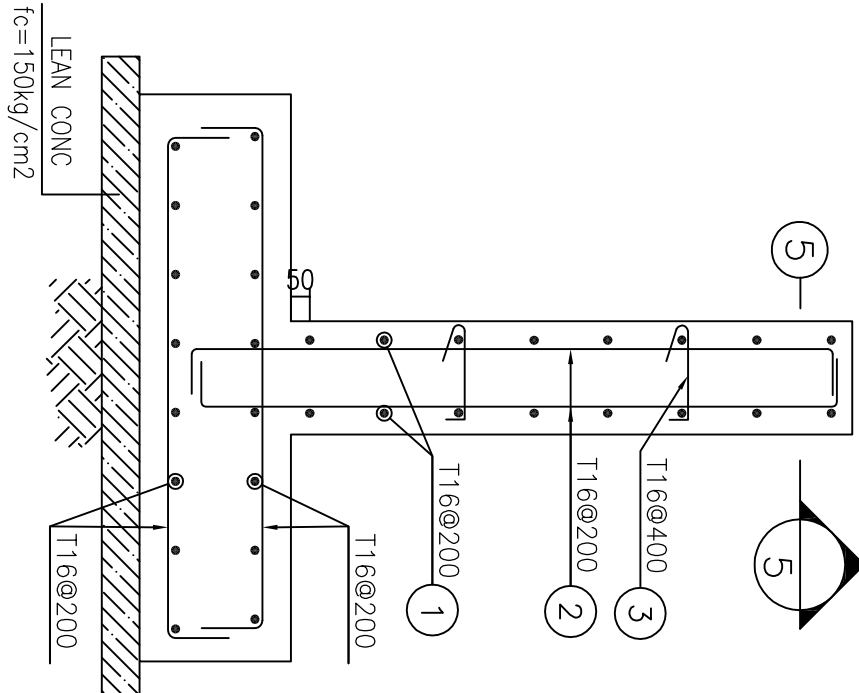
1:20 FORMWORK



N.T.S. DETAIL



1:20 REINFORCEMENT



Pes	Spec	Shape	L/A	No.	T16
1	T16	1600 250	2.100	36	75,600
2	T16	1700 250	2.200	36	79,200
3	T16	200 100	0.400	12	4,800
4	T16	1550 250	2.050	32	65,600
5	T16	1350 250	1.850	36	66,600
TOTAL LENGTH OR AREA (m/m2)					291.80
UNIT WEIGHT (kg)					1.578
WEIGHT (kg)					460.46
GRAND TOTAL (kg)					460 Kg.

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LEGEND

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B.O.F. BOTTOM OF FOUNDATION
T.O.G. TOP OF GROUT
H.P.P. HIGH POINT OF PAVING

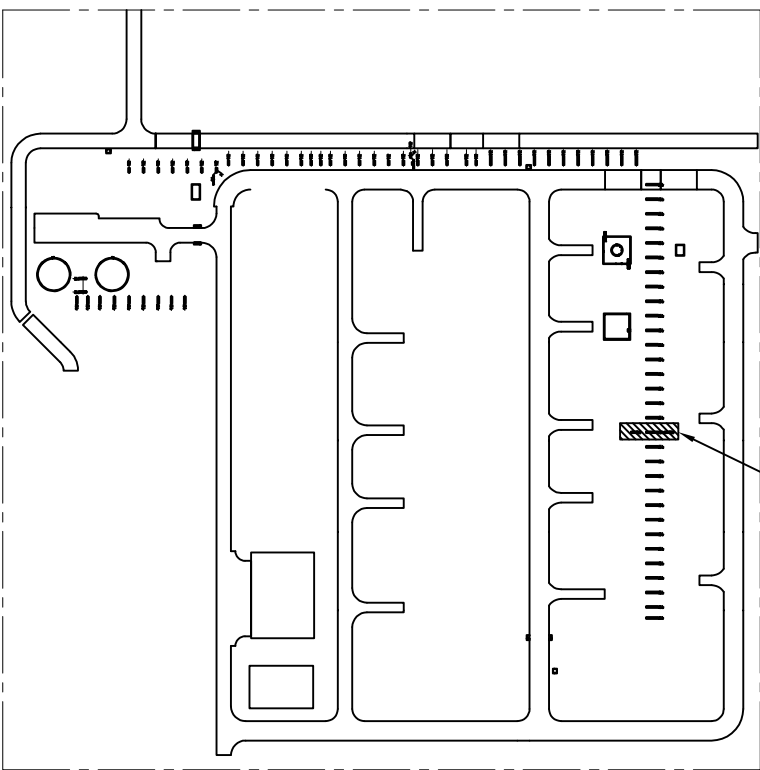
REINFORCED CONCRETE
LEAN CONCRETE
GROUND

REFERENCE DRAWING

DRG. No.

KEY PLAN

THIS DRAWING



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PROJECT NO.: 971020

EPC CONTRACTOR: EPC CONTRACTOR (GC):



HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES



PETROIRAN DEVELOPMENT COMPANY

DRAWING TITLE: FOUNDATION DRAWING FOR COMPRESS AREA MAIN SLEEPER

SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE CLASS	SERIAL NO.	SHEET	REVISION
1:20	A0	BK-GCS-PBPCO-120-ST-DW-0044	04 OF 04	D00	053-073-9104	F	4	Q	709181	04 D00

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED

APPROVED FOR CONSTRUCTION BY:

DATE:

CHECKED BY:

PROTECT ENG.