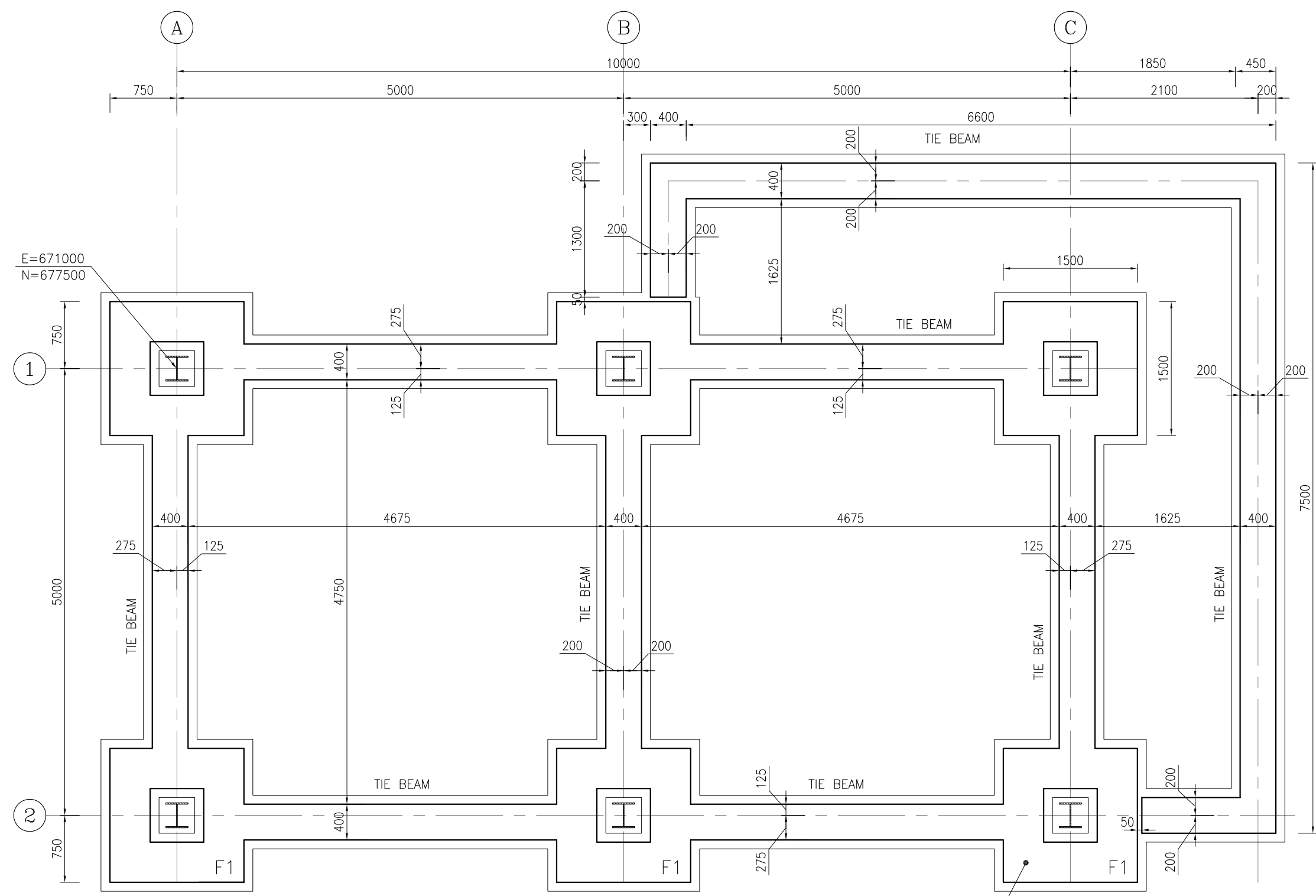
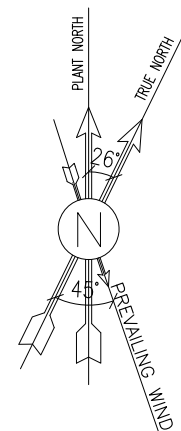
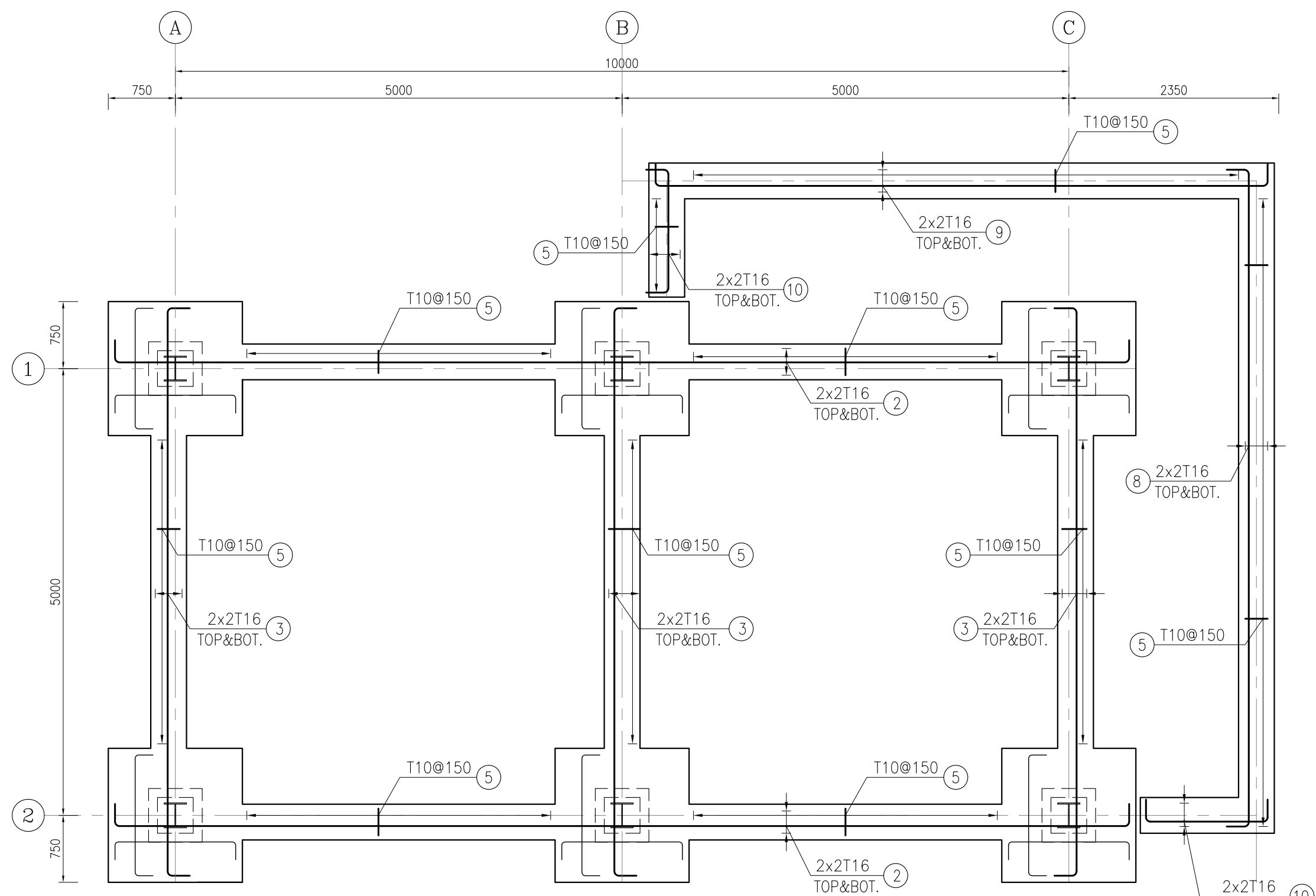
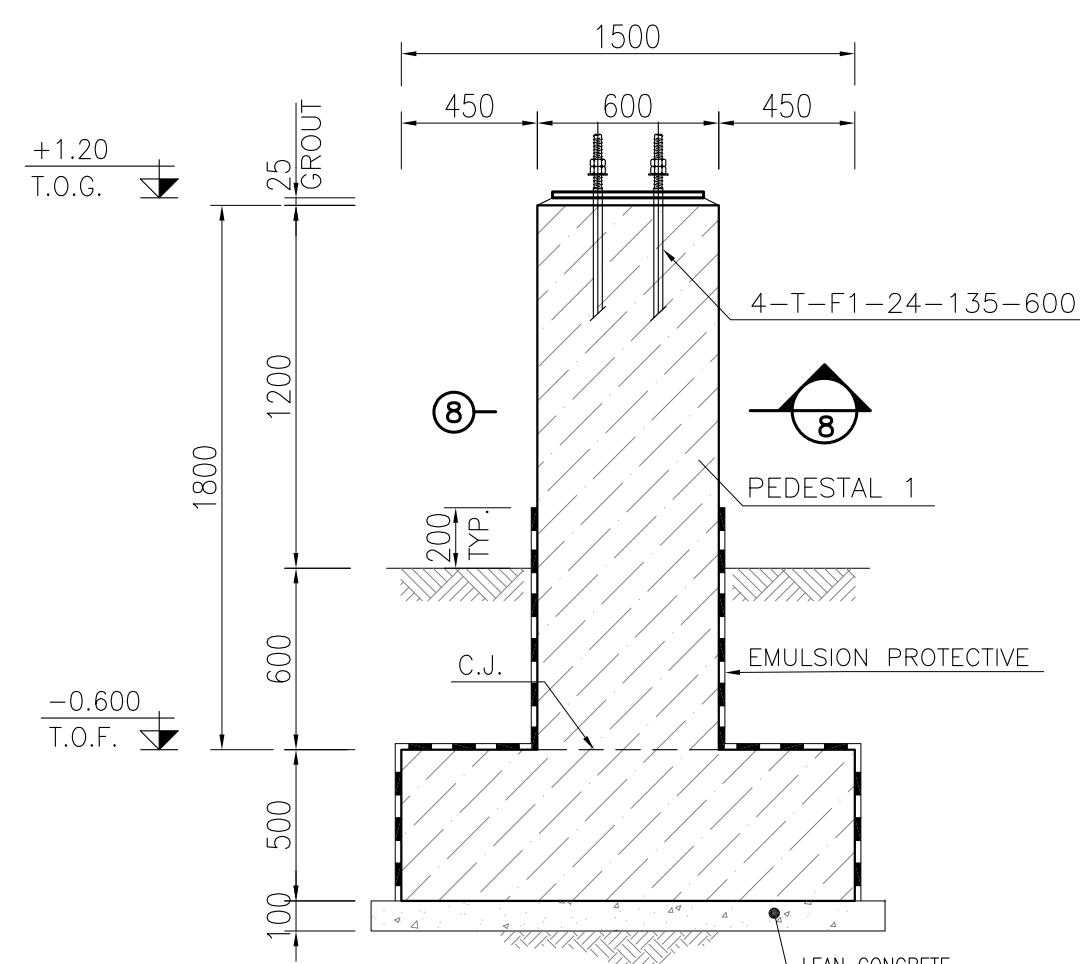




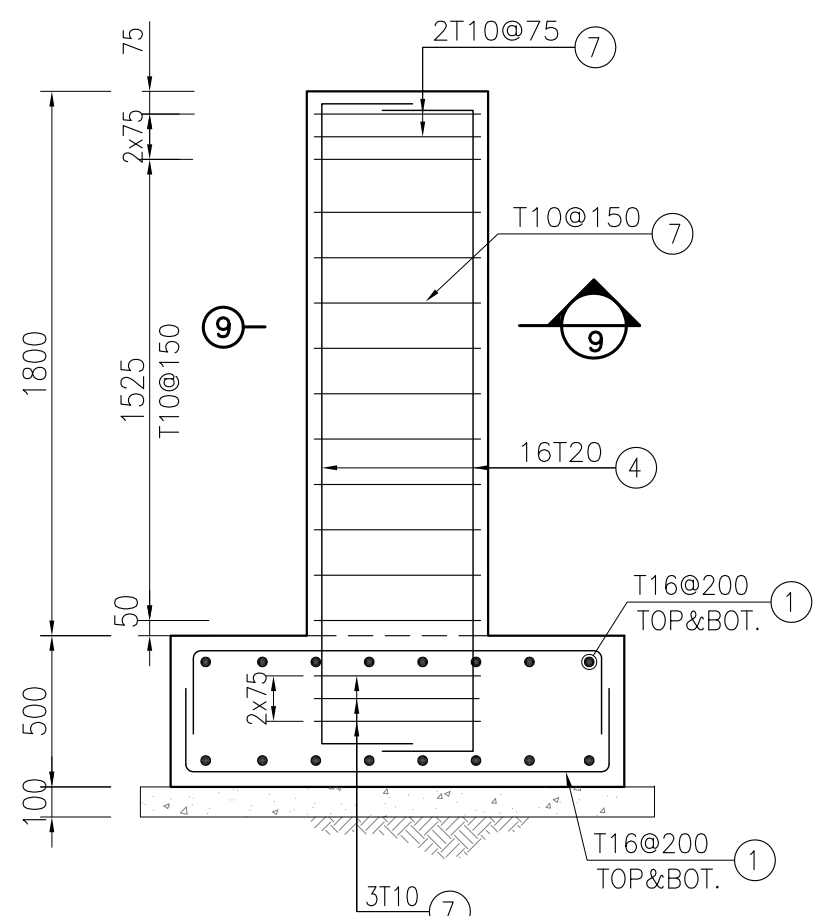
1:50 1 FOUNDATION FORMWORK PLAN



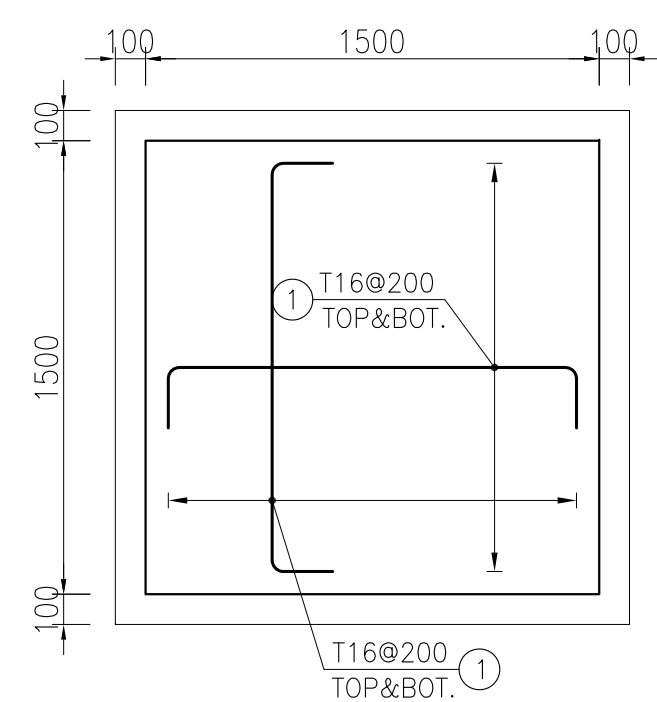
1:50 2 FOUNDATION REINFORCEMENT PLAN



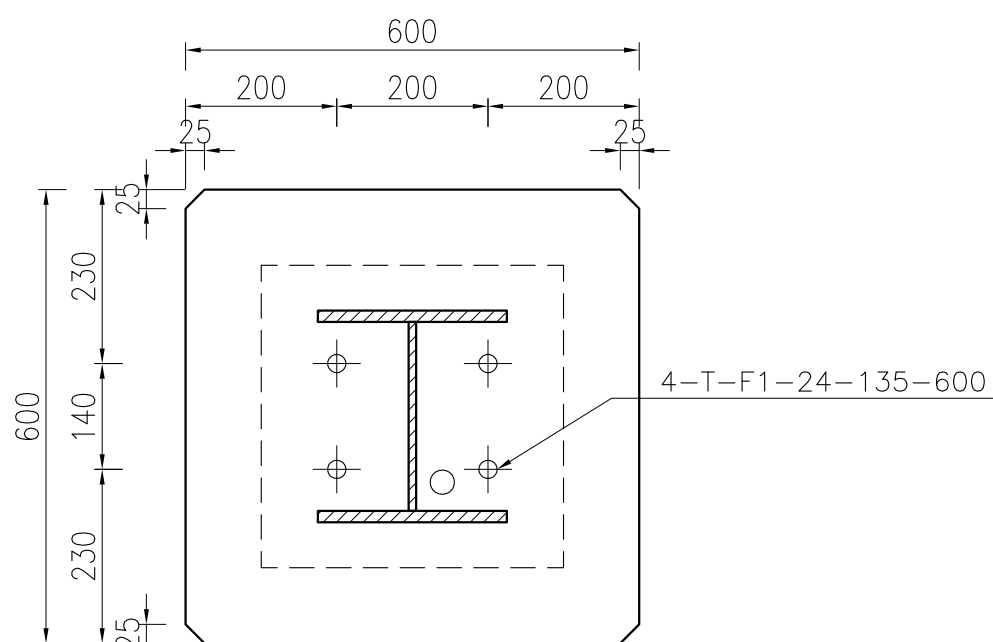
1:25 4 TYPICAL SEC. FOUND. F1 FORMWORK



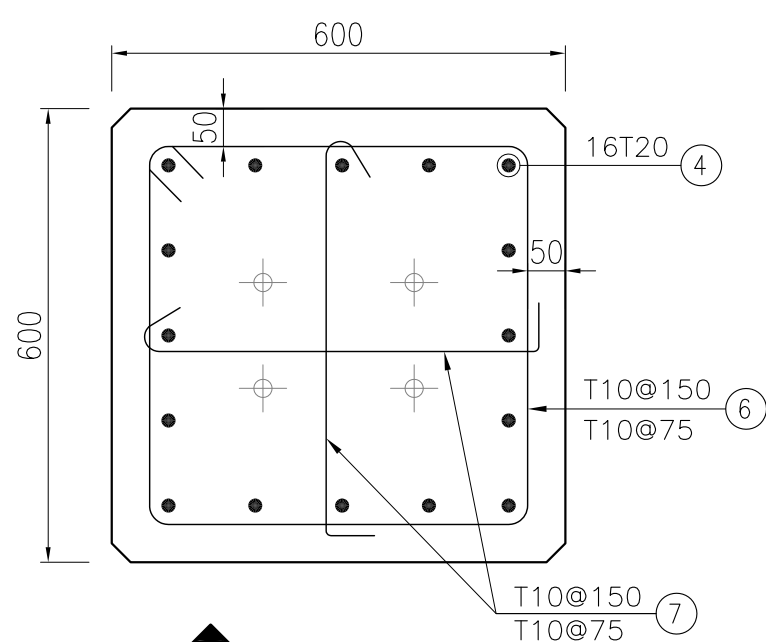
1:25 5 TYPICAL SEC. FOUND. F1 REINFORCEMENT



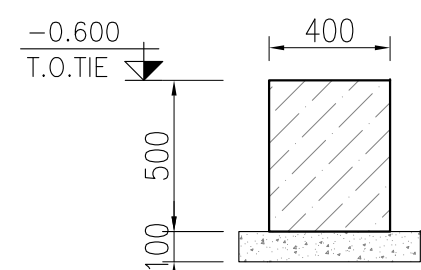
1:25 3 FOUNDATION PLAN OF F1 REINFORCEMENT



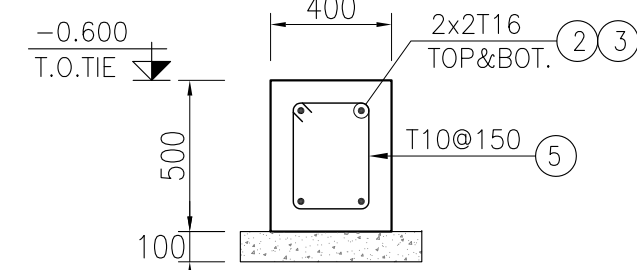
1:10 8 PEDESTAL 1 FORMWORK



1:10 9 PEDESTAL 1 REINFORCEMENT



1:25 6 TYPICAL SEC. OF TIE BEAM FORMWORK



1:25 7 TYPICAL SEC. OF TIE BEAM REINFORCEMENT

BAR BENDING SCHEDULE

Pos	Spec.	Shape	L	No.	T10	T16	T20
1	T16		1.85	192		355.2	
2	T16		11.85	8		94.8	
3	T16		6.85	12		82.2	
4	T20		2.75	96			264.00
5	T10		1.40	262	366.80		
6	T10		2.20	102	224.40		
7	T10		0.70	252	176.40		
8	T16		7.85	4		31.40	
9	T16		7.35	4		29.40	
10	T16		1.90	8		15.2	
TOTAL LENGTH (m)					767.60	608.20	264.00
UNIT WEIGHT (Kg/m)					0.617	1.578	2.466
WEIGHT (Kg)					473.61	959.74	651.03
TOTAL WEIGHT (Kg)					2090 Kg.		

- 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-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 30 MPa (ON CYLINDRICAL SPECIMEN)
 - 4) ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa (ON CYLINDRICAL SPECIMEN)
 - 5) CONCRETE COVER OVER BARS SHALL BE 75mm FOR FOUNDATION AND 50mm FOR CAST IN-SITU WALLS & PEDESTALS.
 - 6) REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm²
 - 7) THE FIRST HOOP OF THE BEAM, COLUMN OR PEDESTAL SHALL BE LOCATED NOT MORE THAN 50mm FROM THE FACE OF FOUNDATION.
 - 8) REINFORCEMENT SHALL BE ADJUSTED LOCALLY TO SUIT THE RECESS OF ANCHOR BOLTS, HOLES AND OTHER EMBEDDED MATERIALS.
 - 9) UNDERGROUND CONCRETE SHALL BE PROTECTED AND COATED ACCORDING TO RELEVANT SPECIFICATION.
 - 10) PORTLAND CEMENT TYPE 2 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) H.P.G AND H.P.P. ELEVATION = +100.00 LOCAL CORRESPOND TO +11.20 M.S.L.
 - 13) FILL MATERIAL SHALL BE COMPACTED TO NOT LESS THAN 95% OF THE MAXIMUM DENSITY AS DETERMINED BY ASTM D-1557 (MODIFIED PROCTOR) METHOD.
 - 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. THIS MATERIAL IS CONTROLLED ACCORDING TO THE FOLLOWING STANDARDS: ASTM D1227, ASTM D2939, ASTM D1640

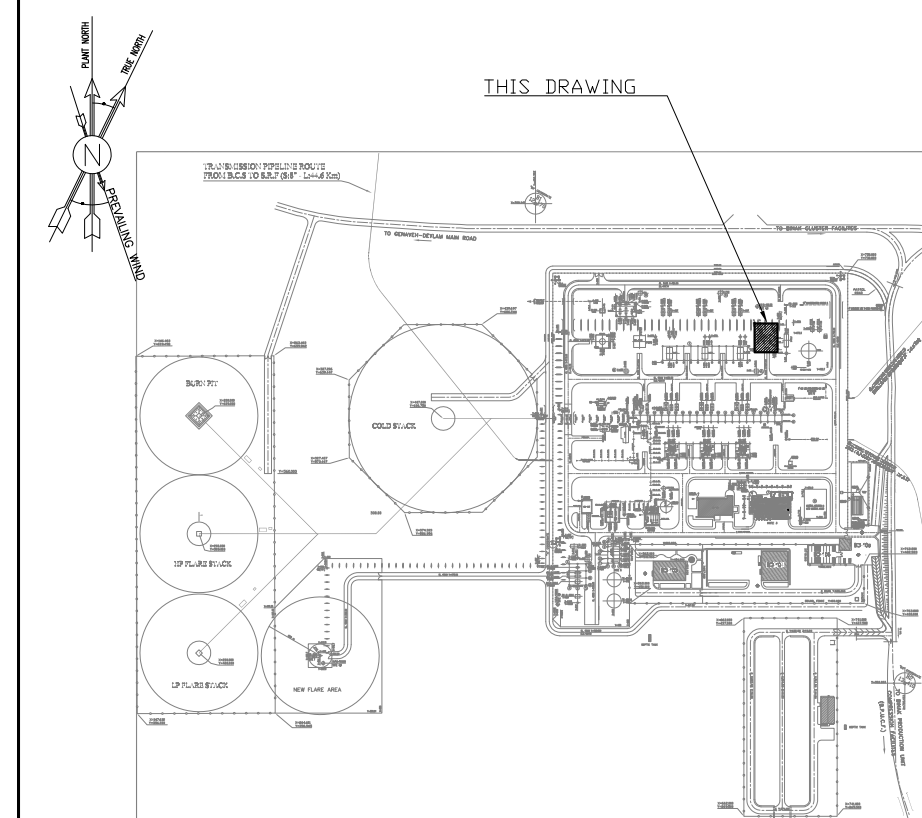
±0.00 = +11.20(F.G.L)MSL

LEGEND

	REINFORCED CONCRETE	F.G.L. : FINISH GROUND LEVEL
	LEAN CONCRETE	T.O.G. : TOP OF GROUT
	GROUND	T.O.F. : TOP OF FOUNDATION
		T.O.TIE : TOP OF THE BEAM
		T.O.PED. : TOP OF PEDESTAL

REFERENCE DRAWING	DRG. No.
ARCHITECTURAL DRAWING FOR CHEMICAL INJECTION PACKAGES AND STORAGE SHELTER	BK-GCS-PEDCO-120-AR-DW-0004
GENERAL NOTES-REINFORCED CONCRETE STRUCTURES	BK-GCS-PEDCO-120-AR-DW-0004
TYPICAL DETAILS FOR ANCHOR BOLTS	BK-GNRL-PEDCO-000-ST-DW-0002
STRUCTURAL DRAWING FOR CHEMICAL INJECTION AND STORAGE SHELTER	BK-GCS-PEDCO-120-ST-DW-0058
STANDARD DRAWING FOR ANCHOR BOLTS	BK-GNRL-PEDCO-000-ST-DW-0002
GENERAL NOTES-REINFORCED CONCRETE STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0012
UNIT PLOT PLAN DRAWING	BK-GCS-PEDCO-120-PI-RT-0001
GEOTECHNICAL INVESTIGATION REPORT FOR COMPRESSOR STATION	BK-GCS-PEDCO-120-PI-RT-0001
SPECIFICATION FOR GROUTING	BK-GNRL-PEDCO-000-ST-SP-0004
SPECIFICATION FOR PAINTING	BK-GNRL-PEDCO-000-PI-SP-0006
STRUCTURAL DRAWING FOR PAVINGS	BK-GNRL-PEDCO-000-CV-DW-0035
STANDARD DRAWING FOR FIREPROOFING	BK-GNRL-PEDCO-000-ST-DW-0001

KEY PLAN



D04	MAR.2024	APC	R.BERLOUE	M.FAKHARIAN	S.FARAMARZPOUR	***															
D03	NOV.2023	IFA	R.BERLOUE	M.FAKHARIAN	S.FARAMARZPOUR	***															
D02	SEP.2023	IFA	R.BERLOUE	M.FAKHARIAN	S.FARAMARZPOUR	***	***	*****	***	***	***	***	***	***	***	***	***	***	***		
D01	JUN.2023	IFC	R.BERLOUE	M.FAKHARIAN	A.M.MOHSSENI	***															
D00	AGU.2022	IFC	R.BERLOUE	M.FAKHARIAN	M.MEHRSHAD	***	REV.	DESCRIPTION	BY	DATE	BY	DATE	REV.	APPR.							
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	اسل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.														
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION							THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS														
PROJECT NO.: 971020																					
EPC CONTRACTOR:			EPD/EPC CONTRACTOR (GC):				BINAK OILFIELD DEVELOPMENT SURFACE FACILITIES GAS COMPRESSOR STATION														
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY																		
DATE			SCALE		DRAWING BY		CHECKED BY		PROJECT ENG.												
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED																					
APPROVED FOR CONSTRUCTION							BY:		DATE:												
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION								
AS SHOWN	A1	BK-GCS-PEDCO-120-ST-DW-0057			1 OF 1	D04	053-073-9184	F	4	Q	709194	1	D04								