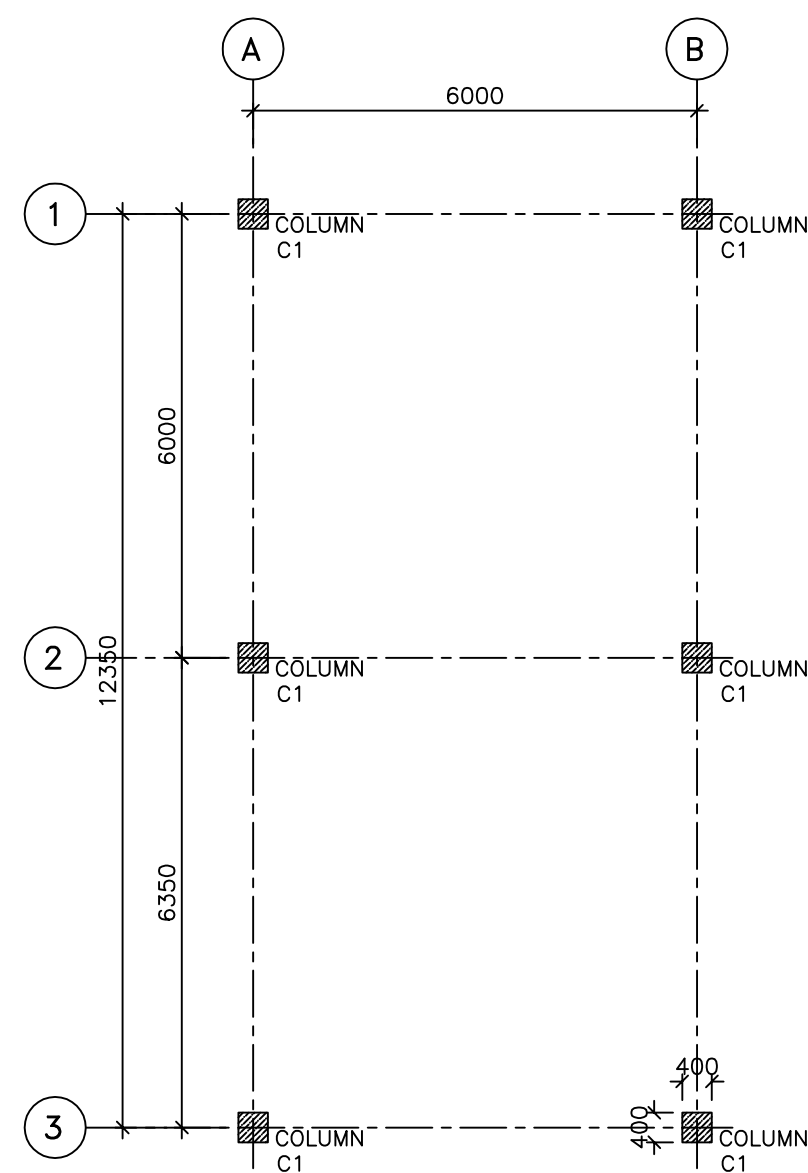
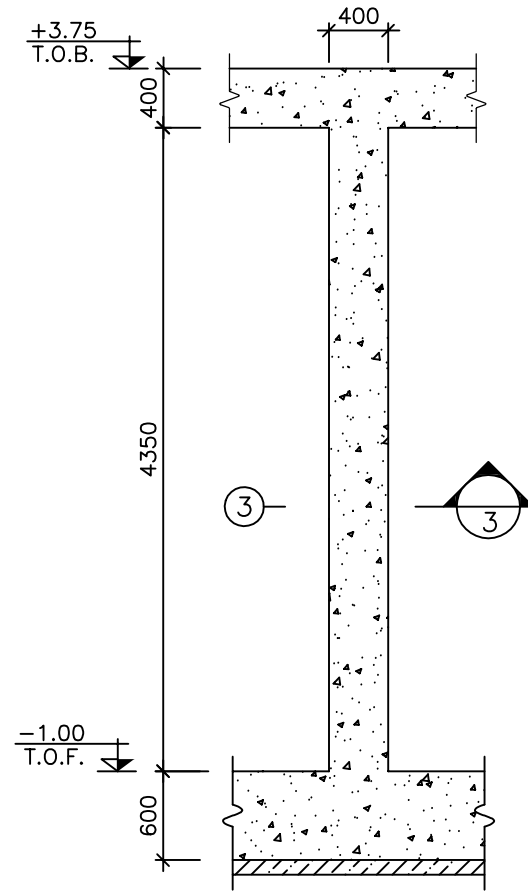
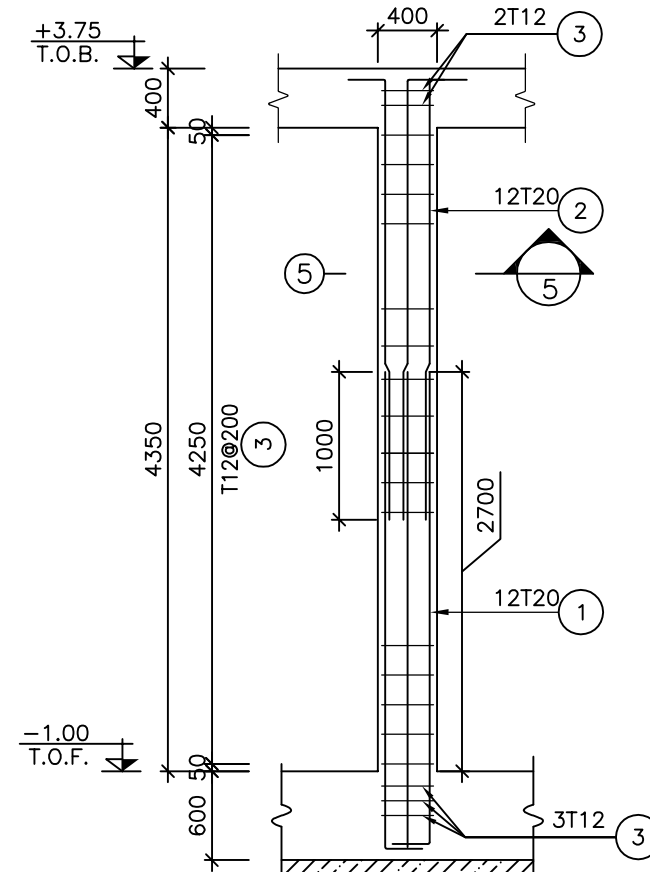
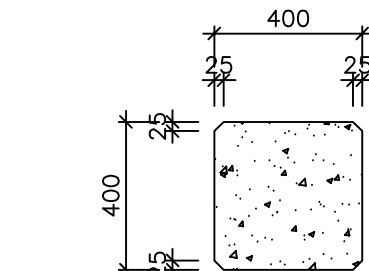




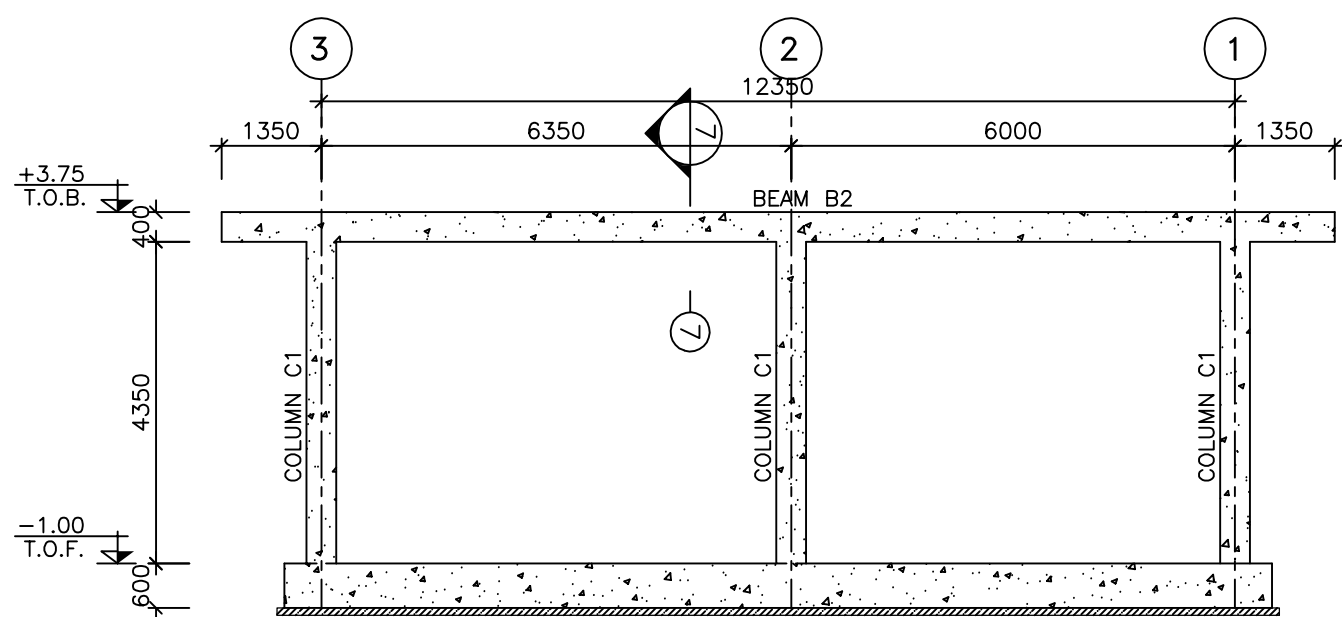
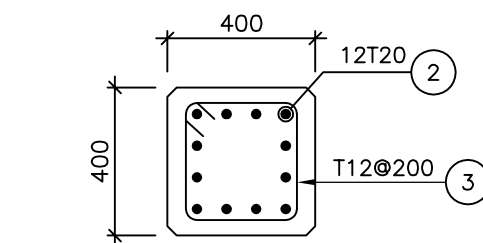
 COLUMN LAYOUT PLAN



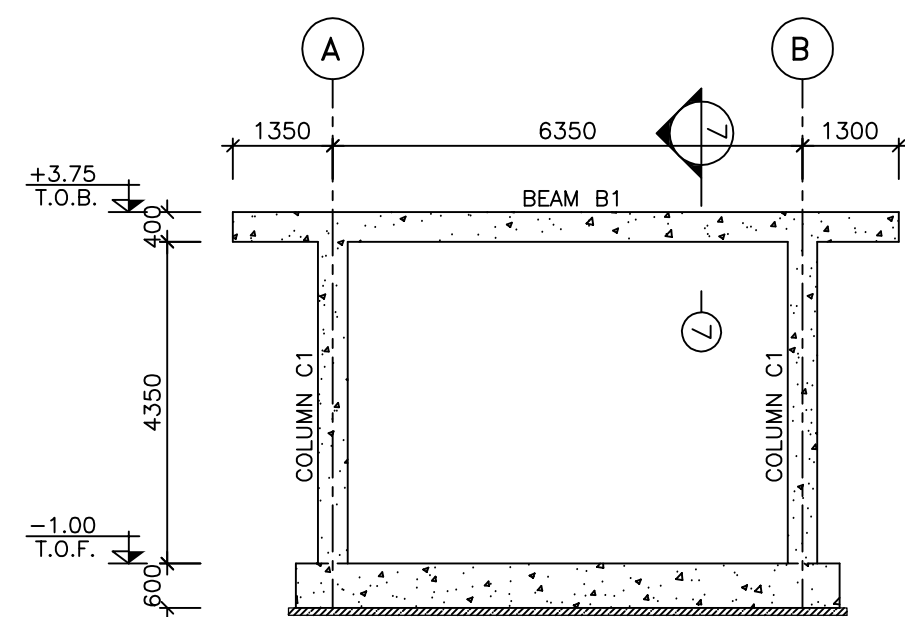
1:50  COLUMN TYPE C1
FORMWORK
N=6



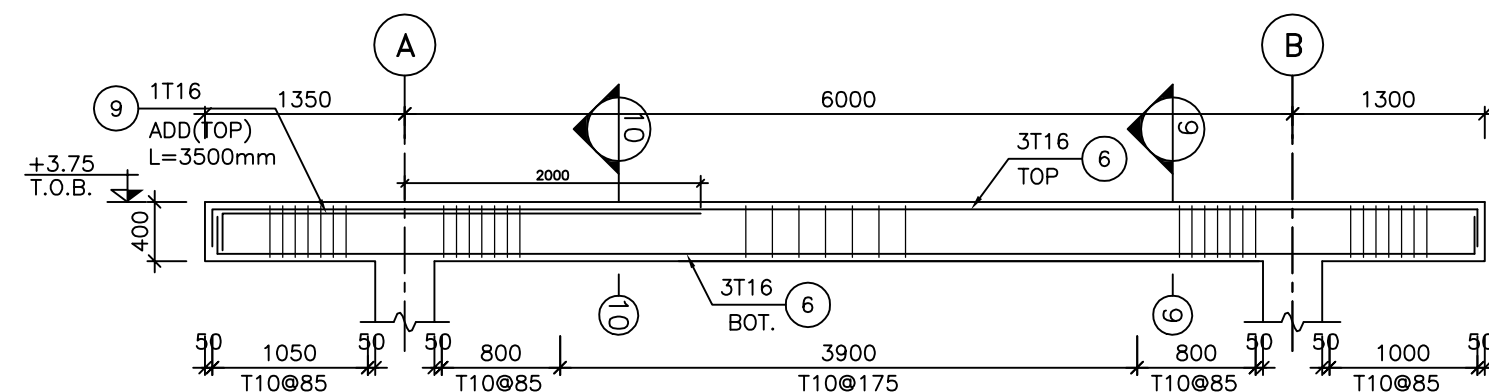
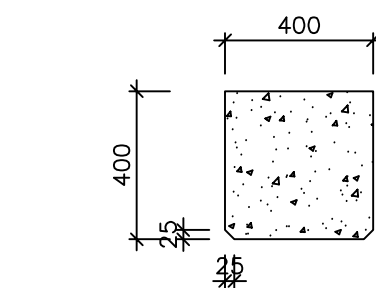
1:50  COLUMN TYPE C1
REINFORCEMENT
N=6



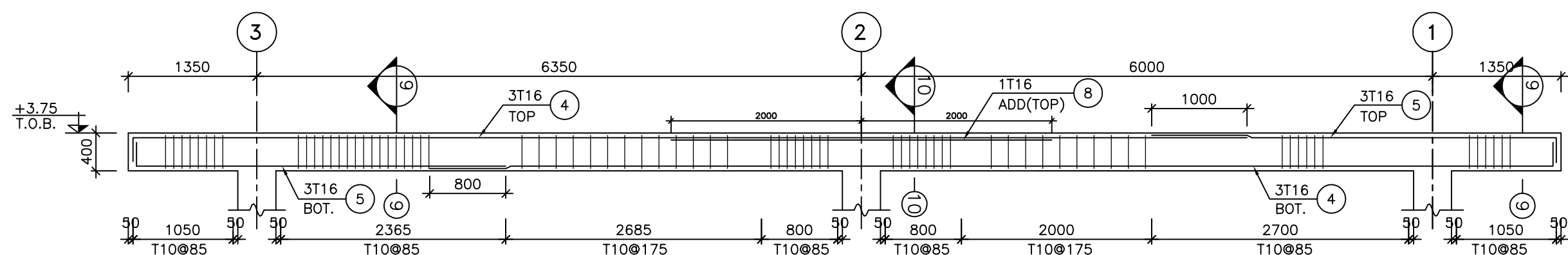
ELEVATION ON AXIS A & B



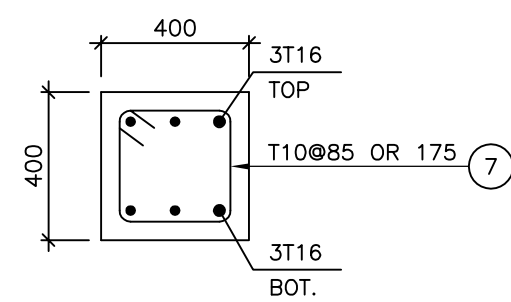
ELEVATION ON AXIS 1 & 2 & 3



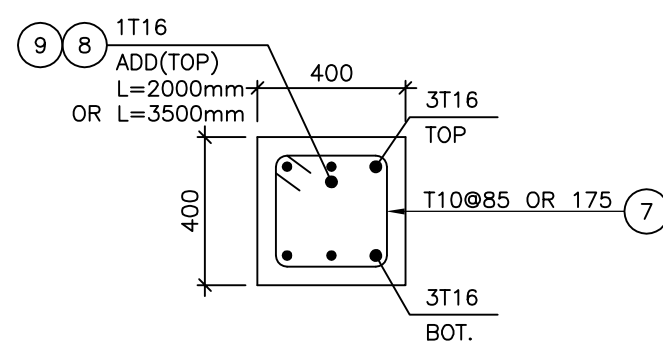
BEAM B1-400x400
1:50 8 N=3



BEAM B2-400x400
1:50 11 N=2



1:20 9



- 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-PCDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 30 MPa
- 4) ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS:
"BK-GNRL-PCDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa
- 5) REINFORCING BARS SHALL BE S400 ACCORDING TO: ISR13132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm²
- 6) CONCRETE COVER OVER BARS SHALL BE 75mm FOR FOUNDATION AND 50mm FOR BEAMS & COLUMNS.
- 7) UNDERGROUND CONCRETE SHALL BE PROTECTED AND COATED ACCORDING TO RELEVANT SPECIFICATION.
- 8) CEMENT TYPE 2 SHALL BE USED ACCORDING TO GEOTECHNICAL REPORT SUGGESTION.
- 9) FILL MATERIAL SHALL BE COMPACTED TO NOT LESS THAN 95% OF THE MAXIMUM DENSITY AS DETERMINED BY ASTM D-1557 (MODIFIED PROCTOR) METHOD.

± 0.00 = HOLD (F.G.L)MSL

F.G.L. : FINISH GROUND LEVEL
T.O.F. : TOP OF FOUNDATION
B.O.F. : BOTTOM OF FOUNDATION
T.O.B. : TOP OF BEAM
H.P.P. : HIGH POINT PAVING LEVEL

 REINFORCED CONCRETE
 LEAN CONCRETE
 GROUND

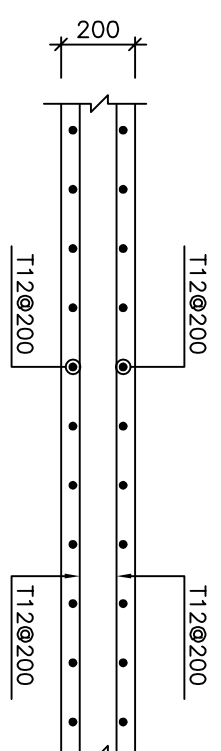
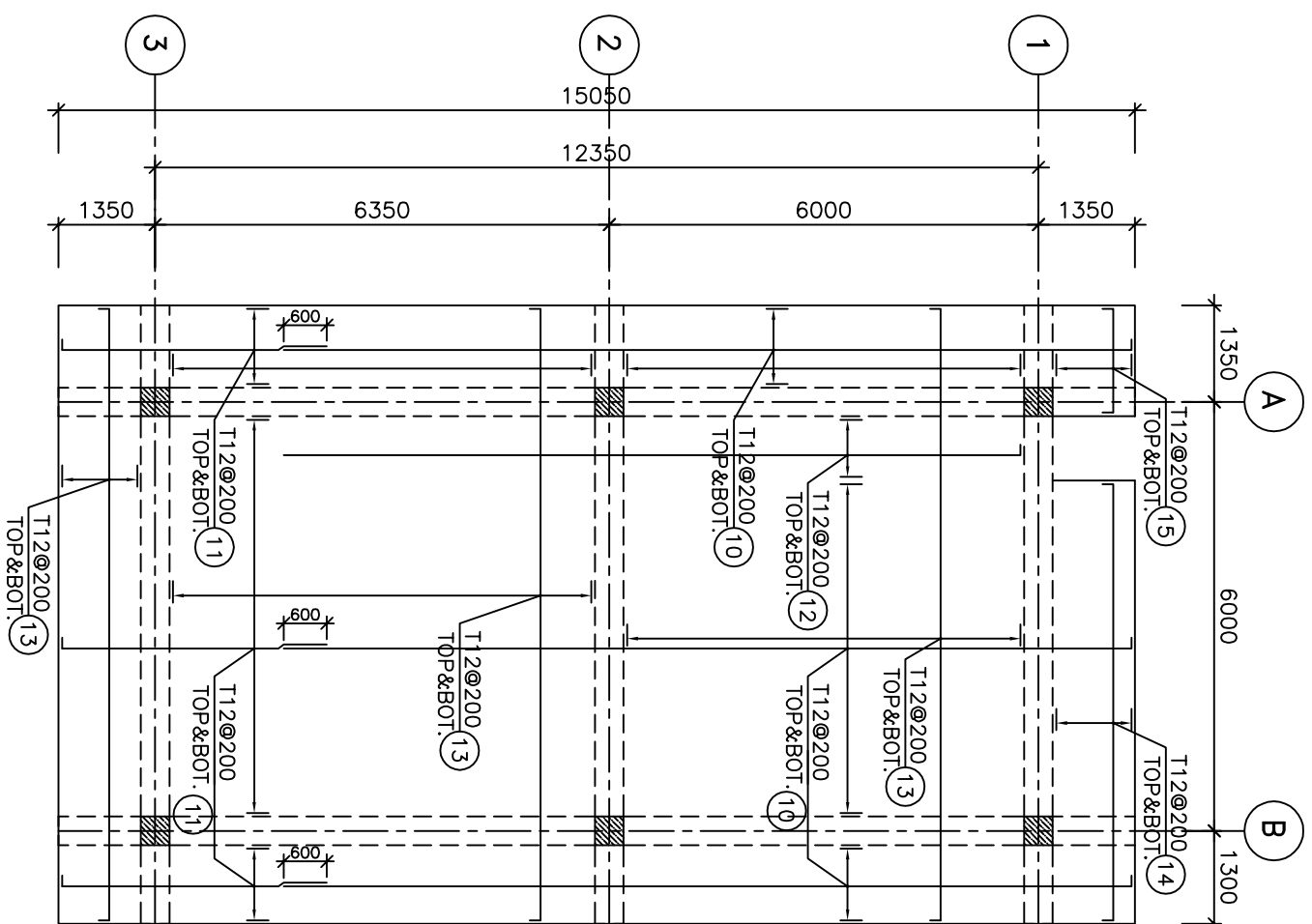
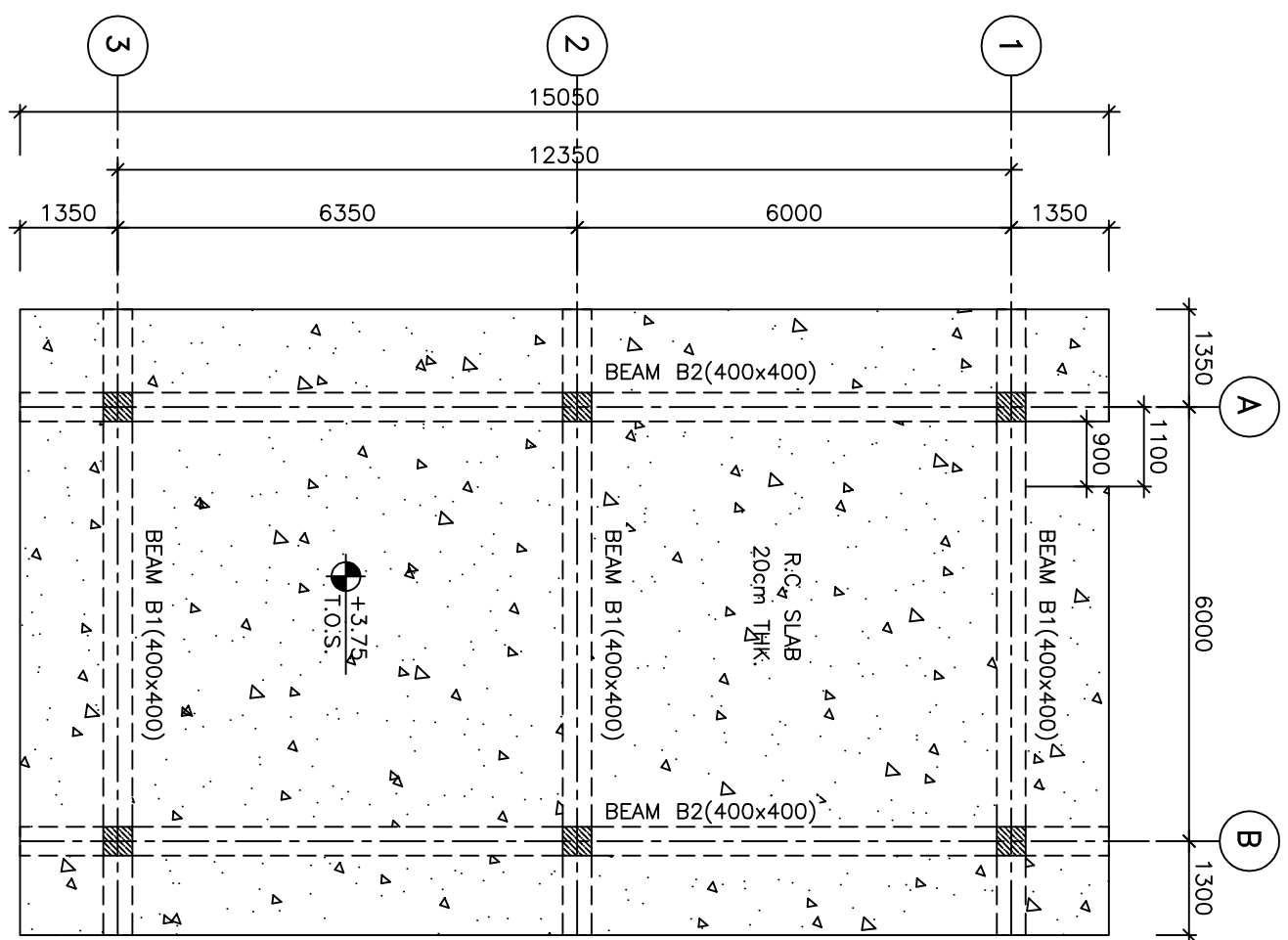
REFERENCE DRAWING	DRG. No.
ARCHITECTURAL DRAWING FOR CCTV CONTROL ROOM BINAG DU	BK-GCS-PEDCO-120-AR-DW-0009
FOUNDATION DRAWING FOR CCTV CONTROL ROOM – BINAG DU	BK-GCS-PEDCO-120-AR-DW-0077
GENERAL NOTES-REINFORCED CONCRETE STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0012
STANDARD DRAWING FOR INSERT PLATES IN CONCRETE	BK-GNRL-PEDCO-000-ST-DW-0007

***	*****	00.00	000.0000	00.00	000.0000
REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
اصل و کلیه نسخ این نقشه و حق اختتام 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					

DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.

NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED		
APPROVED FOR CONSTRUCTION	BY:	DATE:

D00	SEP.2023	IPC	R.BERLOUX	M.PAKHARIAN	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:  HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			EPD/EPC CONTRACTOR (GC):  PETROIRAN DEVELOPMENT COMPANY				
DRAWING TITLE: STRUCTURAL DRAWING For CCTV CONTROL ROOM – BINAK DU							
SCALE	SIZE	DRAWING NO.			SHEET NO.		REV.
AS SHOWN	A1	BK-GCS-PEDCO-120-ST-DW-0078			1 OF 1		D00



BAR BENDING SCHEDULE								
Pos	Spec	Shape	LA	No.	T10	T12	T16	T20
1	T20	350 3000	3.55	72				255.60
2	T20	350 3000	3.35	72				241.20
3	T12	250 250 100	1.20	162		194.40		
4	T16	250 1180	12.00	12			144.00	
5	T16	200 4250	4.50	12			54.00	
6	T16	250 8850 1250	9.05	18			162.90	
7	T10	250 250 100	1.20	448	537.60			
8	T16	200 2000	2.00	2			8.00	
9	T16	250 2000	2.25	3			6.75	
10	T12	150 1850	12.00	66		792.00		
11	T12	150 3700	3.85	76		292.60		
12	T12	150 10300	10.45	8		83.60		
13	T12	150 8850 150	8.85	124		1097.40		
14	T12	150 5650 150	6.20	10		62.00		
15	T12	150 1550 150	1.75	10		17.5		
TOTAL LENGTH OR AREA (m/m2)					537.60	2539.50	375.65	495.80
UNIT WEIGHT (kg)					0.617	0.888	1.578	2.466
WEIGHT (kg)					331.69	2255.08	592.77	1225.10
GRAND TOTAL (kg)					4405			

[illegible]

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-08L-PECO-000-SI-Sp-0001-728 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF MAIN CONCRETE IS 30 MPa 4) ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-08L-PECO-000-SI-Sp-0001-728 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 15 MPa 5) REINFORCING BARS SHALL BE S400 ACCORDING TO: SIRS13132 AND MB93 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm ² 6) CONCRETE COVER OVER BARS SHALL BE 75mm FOR FOUNDATION AND 50mm FOR BEAMS & COLUMNS. 7) UNDERGROUND CONCRETE SHALL BE PROTECTED AND COATED ACCORDING TO RELEVANT SPECIFICATION. 8) GEMENT TYPE 2 SHALL BE USED ACCORDING TO GEOTECHNICAL REPORT SUGGESTION. 9) FILL MATERIAL SHALL BE COMPACTED TO NOT LESS THAN 95% OF THE MAXIMUM DENSITY AS DETERMINED BY ASTM D-1557 (MODIFIED PROCTOR) METHOD.	
±0.00 = HOLD (F.G.L.)MSL	
LEGEND	
F.G.L. : FINISH GROUND LEVEL T.O.F. : TOP OF FOUNDATION B.O.F. : BOTTOM OF FOUNDATION T.O.B. : TOP OF BEAM H.P.P. : HIGH POINT PAVING LEVEL	
 REINFORCED CONCRETE  LEAN CONCRETE  GROUND	
REFERENCE DRAWING	
ARCHITECTURAL DRAWING FOR CIVIL CONTROL ROOM FOUNDATION DRAWING FOR CIVIL CONTROL ROOM – BUNKER DOW	BK-GCS-PECO-120-AR-DW-0099 BK-GCS-PECO-120-AR-DW-0077 BK-08LAL-PECO-000-SI-DW-0012 BK-08LAL-PECO-000-SI-DW-0007
STANDARD DRAWING FOR INSERT PLATES IN CONCRETE	