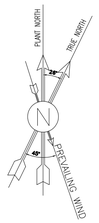
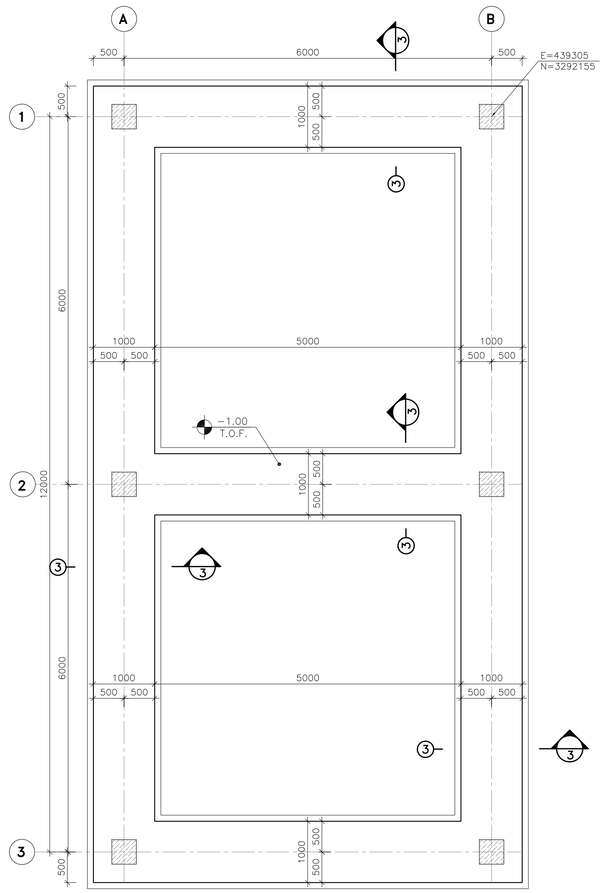
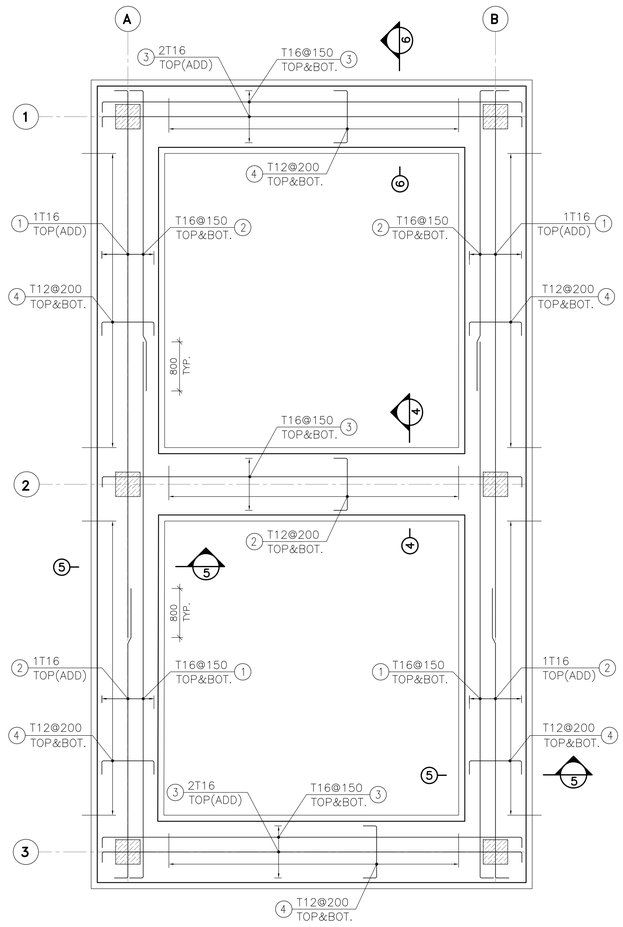




1:50 (1) FOUNDATION FORMWORK PLAN

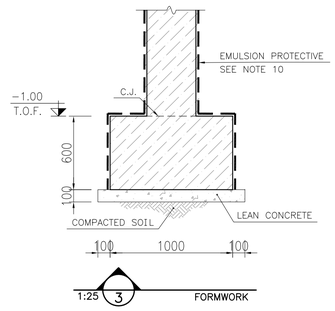


1:50 (2) FOUNDATION REINFORCEMENT PLAN

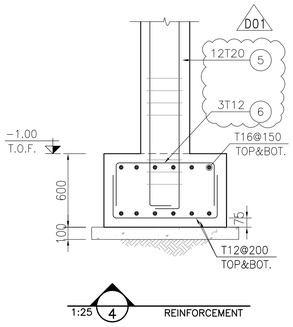
D01

BAR BENDING SCHEDULE–FOUNDATION

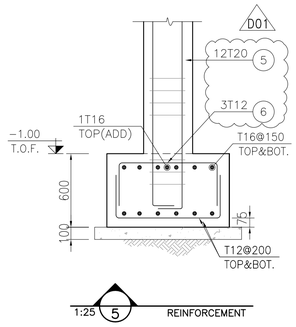
Pos	Spec.	Shape	L	No.	T12	T16	T20
1	T16	250 / 8750	9.00	26		234.0	
2	T16	250 / 4900	5.15	26		133.9	
3	T16	250 / 6850 / 250	7.35	40		294.0	
4	T12	300 / 1350 / 300	1.95	76	148.2		
5	T20	350 / 3150	3.50	72			252.0
6	T12	300 / 300 / 100	1.40	350	490.0		
TOTAL LENGTH (m)					638.2	661.9	252.0
UNIT WEIGTH (Kg/m)					0.888	1.578	2.466
WEIGTH (Kg)					566.8	1044.5	621.5
TOTAL WEIGTH (Kg)					2240 Kg.		



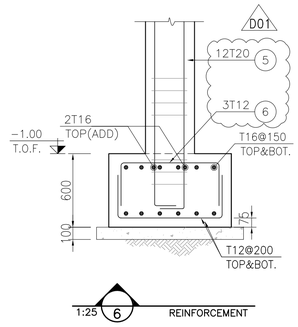
1:25 (3) FORMWORK



1:25 (4) REINFORCEMENT



1:25 (5) REINFORCEMENT



1:25 (6) REINFORCEMENT

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
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
5) REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 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) 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.

D01

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 = HOLD (F.G.L)MSL

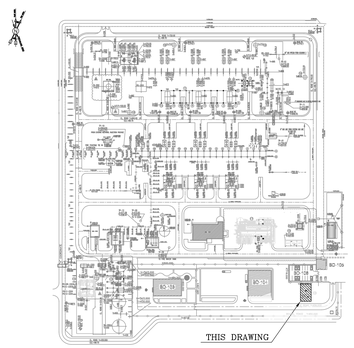
LEGEND

REINFORCED CONCRETE
LEAN CONCRETE
GROUND

F.G.L. : FINISH GROUND LEVEL
T.O.F. : TOP OF FOUNDATION
C.J. : CONSTRUCTION JOINT
F.G.L. : FINISH GROUND LEVEL

REFERENCE DRAWING	DRG. No.
ARCHITECTURAL DRAWING FOR CCTV CONTROL ROOM BINAK GCS	BK-GCS-PEDCO-120-AR-DW-0008
STRUCTURAL DRAWING FOR CCTV CONTROL ROOM BINAK GCS	BK-GCS-PEDCO-120-AR-DW-0076
GENERAL NOTES-REINFORCED CONCRETE STRUCTURES	BK-GNRAL-PEDCO-000-ST-DW-0012
STANDARD DRAWING FOR INSERT PLATES IN CONCRETE	BK-GNRAL-PEDCO-000-ST-DW-0007
UNIT PLOT PLAN DRAWING	BK-GCS-PEDCO-120-PI-PY-0001

KEY PLAN



REV.	DESCRIPTION	BY	DATE	BY	DATE
		CHECKED		REV. APPR.	
D01	JAN.2024	IFA	R.BERLOUIE	M.FAKHARIAN	S.FARAMARZPOUR	**.**
D00	SEP.2023	IFC	R.BERLOUIE	M.FAKHARIAN	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 (PEDCO)

BINAK OILFIELD DEVELOPMENT
SURFACE FACILITIES
GAS COMPRESSOR STATION

DRAWING TITLE: FOUNDATION DRAWING FOR CCTV CONTROL ROOM – BINAK GCS

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.
AS SHOWN	A1	BK-GCS-PEDCO-120-ST-DW-0075	1 OF 1	D01

BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
053-073-9184	F	4	Q	709404	1	D01