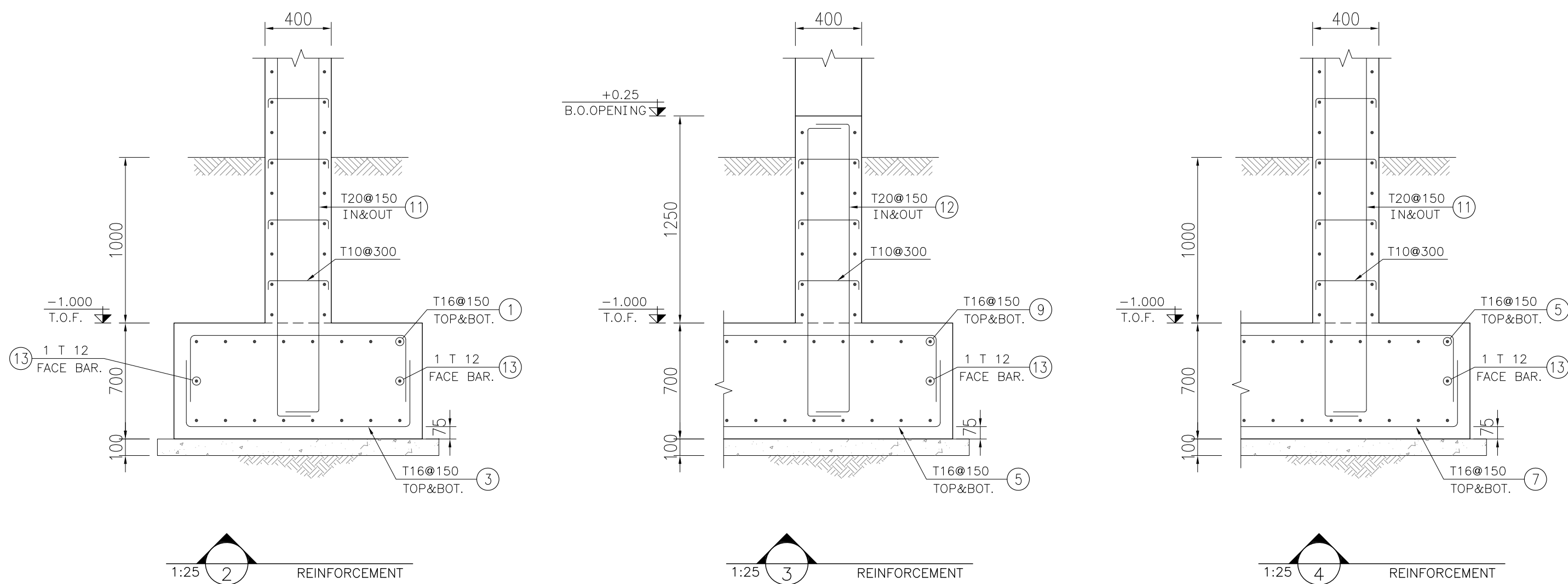





FOUNDATION REINFORCEMENT PLAN  
1:100

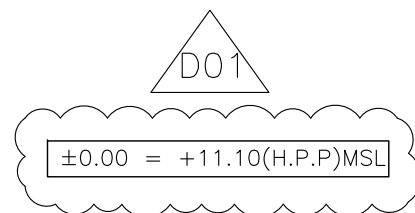


TOTALLY REVISED

Pos	Spec.	Shape	L/A	No.	T12	T16	T20
1	T16	400 1350 400	2.150	424		911.600	
2	T16	400 10250 400	11.05	40		442.000	
3	T16	400 8600 400	9.000	40		360.000	
4	T16	400 3750 400	4.150	40		166.000	
5	T16	400 6750 400	7.550	284		2144.200	
6	T16	400 5250 400	6.050	188		1137.400	
7	T16	400 10550 400	10.950	92		1007.400	
8	T16	12000	12.000	144		1728.000	
9	T16	400 11600 400	12.000	20		240.000	
10	T16	400 3700 400	4.100	72		295.200	
11	T20	350 2650 350	3.000	1568			4704.000
12	T20	350 7650 350	2.500	92			230.000
13	T12	173000	173.000	1	173.000		
TOTAL LENGTH OR AREA (m/m2)					173.000	8431.800	4934.000
UNIT WEIGH (Kg)					0.888	1.578	2.466
WEIGHT (Kg)					153.624	13305.380	12167.244
GRAND TOTAL (Kg)					≈25700 Kg.		

DOI	FEB.2025	IFA	R.BERLOUE	M.FAKHARIAN	S.FARAMARZPOUR	***
D00	OCT.2024	IFC	R.BERLOUE	M.FAKHARIAN	M.SADGHEHAN	***
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:			EPD/EPC CONTRACTOR (GC):			
 HIRGAN ENERGY – DESIGN & INSPECTION COMPANIES			  PETROIRAN DEVELOPMENT COMPANY			
DRAWING TITLE:		FOUNDATION DRAWING FOR EXTENSION OF EXISTING CONTROL BUILDING				
SCALE	SIZE	DRAWING NO.			SHEET NO.	REV
AS SHOWN	A1	BK-GCS-PEDCO-120-ST-DW-0081			2 OF 2	D01

- 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
  - 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/mm<sup>2</sup>
  - 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) 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
  - 13) EXIST FOUNDATION SHALL BE DESTROYED AT THIS PART DUE TO NEW ARCHITECTURAL PLAN.

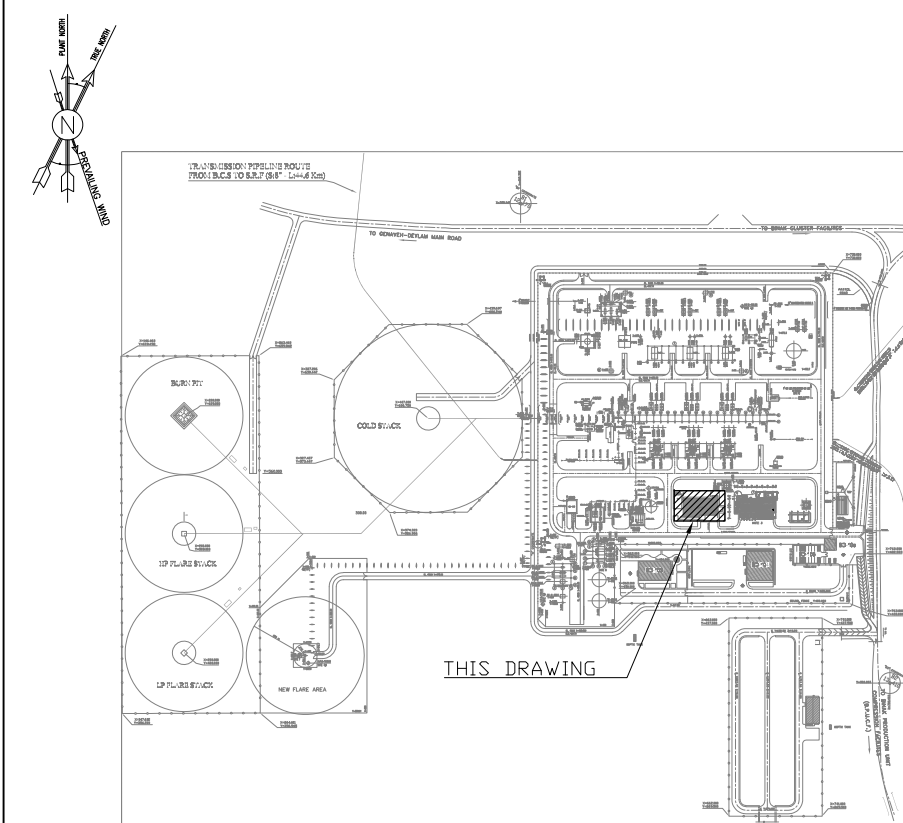


LEGEND

F.G.L. : FINISH GROUND LEVEL		REINFORCED CONCRETE
T.O.F. : TOP OF FOUNDATION		LEAN CONCRETE
N.T.S. : NOT TO SCALED		GROUND
C.J. : CONSTRUCTION JOINT		
B.O.OP : BOT OF OPENING		

REFERENCE DRAWING	DRG. No.
STRUCTURAL DRAWING FOR EXTENSION OF EXISTING CONTROL BUILDING	BK-GCS-PEDCO-120-ST-DW-0082
ARCHITECTURAL DETAIL DRAWING FOR EXTENSION OF EXISTING CONTROL BUILDING	BK-GCS-PEDCO-120-AR-DW-0011
CALCULATIO NOTES FOR EXTENSION OF EXISTING CONTROL BUILDING	BK-GCS-PEDCO-120-ST-CN-0030
GENERAL NOTES-REINFORCED CONCRETE STRUCTURES	BK-GNRL-PEDCO-000-ST-DW-0012
UNIT PILOT PLAN DRAWING	BK-GCS-PEDCO-120-PI-PY-0001
GEOTECHNICAL INVESTIGATION REPORT FOR COMPRESSOR STATION	BK-GCS-PEDCO-120-GT-RT-0001

KEY PLAN



احل و کلیه نسخ این نقشه و حق اقتباس 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

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:	DATE:	
BUDGET REF.	LOCATION	SIZE	CLASS	REVISION
053-073-9184	F	4	Q	709520
2	D01			