



D04	JUNE.2023	IFA	R.BERLOUJE	M.FAKHARIAN	A.M.MOHSSENI	***
D03	FEB.2023	IFA	R.BERLOUJE	M.FAKHARIAN	M.MEHRSHAD	***
D02	MAY.2022	IFA	R.BERLOUJE	M.FAKHARIAN	M.MEHRSHAD	***
D01	MAR.2022	IFA	R.BERLOUJE	M.FAKHARIAN	M.MEHRSHAD	***
D00	JAN.2022	IFC	R.BERLOUJE	M.FAKHARIAN	M.MEHRSHAD	***
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.
PROJECT NAME:		BINAK OILFIELD DEVELOPMENT GENERAL				
PROJECT NO.:		971020				
EPC CONTRACTOR:			EPD/EPC CONTRACTOR (GC):			
 HIRGAN ENERGY HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY			
DRAWING TITLE:						
STANDARD DRAWING FOR LIGHTING TOWER FOUNDATION PLAN & DETAILS						
SCALE		SIZE		DRAWING NO.		SHEET NO.
AS SHOWN		A1		BK-GNRL-PEDCO-000-ST-DW-0010		01 OF 01

NOTES							
1- ALL DIMENSIONS ARE IN MILLIMETER UNLESS OTHERWISE STATED. 2- THIS DRAWING SHOULD BE APPROVED BY MANUFACTURE. 3- FOR ANCHOR BOLT DETAILS AND DISTANCES SEE VENDOR DOCUMENTS. 4- TYPE OF CEMENT SHALL BE REFERED TO GEOTECHNICAL INVESTIGATION REPORT. 5- ACCORDING TO THE SPECIFICATION OF CONCRETE WORKS: "BK-GNRL-PEDCO-000-ST-SP-0001", 28 DAYS CHARACTERISTIC COMPRESSIVE STRENGTH OF CONCRETE IS 25 MPa (ON CYLINDRICAL SPECIMEN) 6- ALL FOUNDATIONS SHALL BE PLACED ON 100mm THICK LEAN CONCRETE UNLESS NOTED OTHERWISE. COMPRESSIVE STRENGTH OF LEAN CONCRETE IS 10 MPa (ON CYLINDRICAL SPECIMEN) 7- REINFORCING BARS SHALL BE S400 ACCORDING TO: ISIRI3132 AND INBC9 WITH MINIMUM TENSILE YIELD STRENGTH 400 N/mm ² 8- PVC PIPE SLEEVE SHALL BE INSTALLED IN CABLE DIRECTION ENTRY. 9- ALLOWABLE BEARING CAPACITY OF SOIL IS CONSIDERED EQUAL TO 1.5 kg/cm ² 10- THE UNIT HEIGHT OF SOIL IS CONSIDERED EQUAL TO 1.9 T/m ³ 11- MAXIMUM APPLICABLE MOMENT SHALL BE EQUAL TO 12.25 T.m FOR LIGHTING POLE 15m AND EQUAL TO 0.75 T.m FOR LIGHTING POLE 9m. 12- OVERTURNING SAFETY FACTOR IS CONSIDERED EQUAL TO 1.75 13- SLIDING SAFETY FACTOR IS CONSIDERED EQUAL TO 1.5 14- MINIMUM CLEAR CONCRETE COVER FOR REINFORCEMENT CONCRETE CAST AGAINST AND PERMANENTLY EXPOSED TO EARTH EQUAL 75mm 15- 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							
LEGEND							
REFERENCE DRAWING				DRG. No.			
SPECIFICATION FOR CONCRETE WORK				BK-GNRL-PEDCO-000-ST-SP-0001			
SPECIFICATION FOR GROUTING				BK-GNRL-PEDCO-000-ST-SP-0004			
GENERAL NOTES - REINFORCED CONCRETE STRUCTURES				BK-GNRL-PEDCO-000-ST-DW-0012			
STANDARD DRAWING FOR ANCHOR BOLTS				BK-GNRL-PEDCO-000-ST-DW-0002			
TYPICAL INSTALLATION DETAILS & NOTES FOR LIGHTING SYSTEM				BK-GNRL-PEDCO-000-EL-DW-0003			
GENERAL STANDARD DRAWING FOUNDATION FOR LIGHTING TOWERS				S4P06211-001A			
KEY PLAN							
***	*****	**..	***..***	**..	***..***	**..	***..***
REV.	DESCRIPTION	BY	DATE	BY	DATE	BY	DATE
		CHECKED		REV. APPR.			
اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.							
 <div style="display: inline-block; text-align: center;"> THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS </div>							
BINAK OILFIELD DEVELOPMENT GENERAL							
DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.			
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED							
APPROVED FOR CONSTRUCTION				BY:		DATE:	
BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION	
053-073-9184	F	4	Q	707282	01 OF 01	D04	