

LIGHTING FIXTURE NUMBERING PROCEDURE

- SEQUENCE NUMBER

FLC: FLUORESCENT LIGHTING LAMP FPD: FLUORESCENT PRIMATE DIFFUSER LAMP XF: EXPLOSION PROOF FLUORESCENT FIXTURE

IL: INCANDESCENT LAMP CM: CEILING MOUNTED

EX: EXIT LIGHT

EX: EXIL LIGHT
FAN: EXHAUST FAN
LP: LIGHTING POLE
HB: HIGH BAY
MT: METAL HALID
SC: SOCKET
SP-SC: SOCKET
WS: WELDING SOCKET (3PH)

PROJECT NAME:

EPC CONTRACTOR

PROJECT NO.:

- ALL CABLES SHALL BE FIXED TO PANEL BY GLAND

2- ELECTRICAL DISTRIBUTION PANEL IS WALL MOUNTED TYPE & IP 55.

NOTES

- CABLING SHALL BE DONE IN OPEN CONDUIT SYSTEM.

- ALL CABLE LINES SHALL BE CONNECTED TO PANEL FROM THE NEAREST PATH.

- ALTHOUGH THE LOCATION OF EQUIPMENT HAS BEEN SHOWN, BUT AS SYMBOLS ARE NOT TO SCALE, MOST SUITABLE POSITIONS ARE TO BE CHOSEN AT SITE.

OUTDOOR ELECTRICAL DISTRIBUTION PANELS WILL BE INSTALLED IN SAFE AREA NEAR COMPRESSOR SHELTER & FIRE FIGHTING TO SUPPLY NDB-01 & NDB-02

15m LATTICE LIGHTING POLE WILL BE INSTALLED IN SAFE AREA.
THERE ARE SOME EXISTING LIGHTING POLES ON WHICH 1 OR 2 NEW FLOODLIGHTS HAVE BEEN ADDED.
THEREPEORE THEY SHALL BE FER FROM EXISTING FEEDER.
WHILE NEW FLOODLIGHTS ON NEW LIGHTING POLES WILL BE FED FROM MOB-01. & NDB-02.

- OUTDOOR LIGHTING SHALL BE TURNED ON/OFF BY PHOTOCELL.

LEGEND

REFERENCE DRAWING	DRG. No.				
SPECIFICATION FOR LIGHTING & SMALL POWER SYSTEM	BK-GNRAL-PEDCO-000-EL-SP-0007				
TYPICAL INSTALLATION DETAILS & NOTES FOR LIGHTING SYSTEM	BK-GNRAL-PEDCO-000-EL-DW-0003				
CALCULATION NOTE FOR OUTDOOR AREA LIGHTING SYSTEM	BK-GCS-PEDCO-120-EL-CN-0001				
LIGHTING & SMALL POWER LAYOUT FOR BUILDING & SHELTER	BK-GCS-PEDCO-120-EL-PY-0004				
DISTRIBUTION & LIGHTING PANELS SINGLE LINE DIAGRAM	BK-GCS-PEDCO-120-EL-SL-0004				

KEY PLAN

							***	*******	**.**	*******	**,**	***.***		
							REV.	DEW	DEV	REV. DESCRIPTION	BY	DATE	BY	DATE
D00	JUN.2022	IFC	H.SHAKIBA	M.FAKHARIAN	M.MEHRSHAD	**,**		DESCRIPTION	CHE	CKED	REV.	APPR.		
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.	اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.							

اصل 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

DEVELOPMENT COMPANY SCALE DRAWING BY CHECKED BY PROJECT ENG. PEDCO DRAWING TITLE: NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED AREA LIGHTING & SMALL POWER LAYOUT

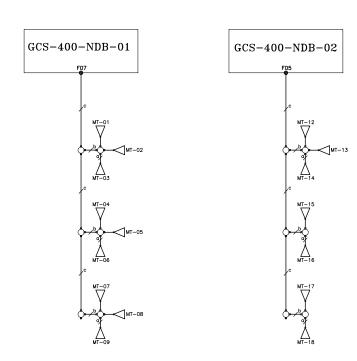
971020

EPD/EPC CONTRACTOR (GC):

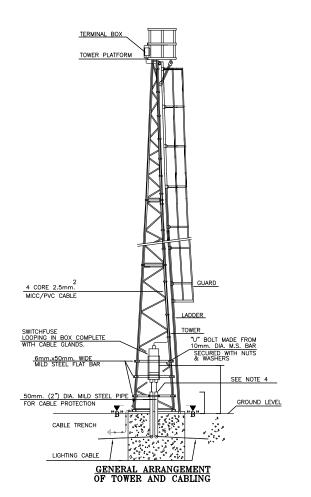
PETROIRAN

(VENDOR TITLE BLOCK)**

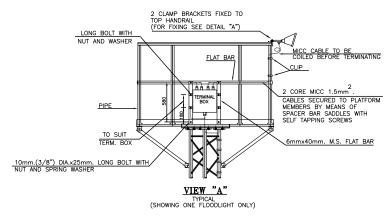
APPROVED FOR CONSTRUCTION BY: DATE: SCALE SIZE DRAWING NO. SHEET NO. REV. BUDGET REF. LOCATION SIZE CLASS SERIAL NO. SHEET REVISION N.T.S A3



#	TYPE OF CABLE	CABLE TAG
1	3X2.5mm2, CU/PVC/PVC	a
2	3X4mm2, CU/PVC/PVC	b
3	4X6mm2, CU/XLPE/SWA/PVC	С



FLOODLIGHTING (MOUNTED ON TOWER)



5- ALTHOUGH THE LOCATION OF EQUIPMENT HAS BEEN SHOWN, BUT AS SYMBOLS ARE NOT TO SCALE, MOST SUITABLE POSITIONS ARE TO BE CHOSEN AT SITE. OUTDOOR ELECTRICAL DISTRIBUTION PANELS WILL BE INSTALLED IN SAFE AREA NEAR COMPRESSOR SHELTER & FIRE FIGHTING TO SUPPLY NDB-01 & NDB-02 TEM LATTICE LIGHTING POLE WILL BE INSTALLED IN SAFE AREA.
THERE ARE SOME EXISTING LIGHTING POLES ON WHICH 1 OR 2 NEW FLOODUGHTS HAVE BEEN ADDED.
THEREFEROR I THEY SHALL BE FED FROM EXISTING FEEDER.
WHILE NEW FLOODUGHTS ON NEW LIGHTING POLES WILL BE FED FROM NDB-01 & NDB-02. - OUTDOOR LIGHTING SHALL BE TURNED ON/OFF BY PHOTOCELL. LEGEND REFERENCE DRAWING DRG. No. TION FOR LIGHTING & SMALL POWER SYSTEM BK-GNRAL-PEDCO-000-EL-SP-0007 TYPICAL INSTALLATION DETAILS & NOTES FOR BK-GNRAL-PERCU-000-EL-9F-0007

LIGHTING SYSTEM

CALCULATION NOTE FOR OUTDOOR AREA LIGHTING SYSTEM

BK-GCS-PERCO-000-EL-DW-0003 LIGHTING & SMALL POWER LAYOUT FOR BUILDING & SHELTER BK-GCS-PEDCO-120-EL-PY-0004 DISTRIBUTION & LIGHTING PANELS SINGLE LINE DIAGRAM BK-GCS-PEDCO-120-EL-SL-0004 KEY PLAN

- ALL CABLES SHALL BE FIXED TO PANEL BY GLAND 2- ELECTRICAL DISTRIBUTION PANEL IS WALL MOUNTED TYPE & IP 55. 5- CABLING SHALL BE DONE IN OPEN CONDUIT SYSTEM.

- ALL CABLE LINES SHALL BE CONNECTED TO PANEL FROM THE NEAREST PATH.

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REV.	DATE	P.O.I.S	اصل و کلیه نسخ این نقشه و حق اقتباس متعلق به شرکت ملی مناطق نفت خیز جنوب میباشد.									
PROJECT	PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION					4	THE ORIGINAL AND					

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BINAK OILFIELD DEVELOPMENT SURFACE FACILITIES

	GAS COMPRESSOR STATION									
	DATE	SCALE	DRAWIN	IG BY	CHECKED	BY	PROJECT	ENG.		
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED										
	APPROVED 1	FOR CONSTRUC	TION	RY.		DAT	TC:			

(VENDOR TITLE BLOCK)**

PROJECT NO.:

EPC CONTRACTOR

DRAWING TITLE: AREA LIGHTING & SMALL POWER LAYOUT SCALE SIZE DRAWING NO.

971020

PEDCO

EPD/EPC CONTRACTOR (GC):

PETROIRAN DEVELOPMENT COMPANY

N.T.S A3 BK-GCS-PEDCO-120-EL-PY-0003 03 0F 03 D00 053-073-9184 F 2 P 709048 03 0F 03 D00