

DESIREE OF INJURIOUS APEX PROTECTION CLASSIFICATION TIPE 2x188 (194+H+PC)030V SCHL P 42 SAFE AREA(N000R)

LIGHTING SCHEDULE

4 ENT P

IL: INCANDESCENT LAMP EX: EXIT LIGHT

FAN: EXHAUST FAN SC: SOCKET SP-SC: SPLIT SOCKET LIGHTING FIXTURE NUMBERING PROCEDURE

	D00	MAY.2022	IFC	HLSBIAKIBA	M.PAKHARIAN	N.MEHRSHAD	***			- 1		HECKED	REV.	APPR.	
	REV. DATE P.O.I.S			PREP.	CHK.	APP.	AUT.	ل و کلیه نسخ این نقشه و حق افتباس متعلق به شرکت علی مناطق نفت خیز جنوب میباشد.						اصل و آ	
	PROJECT	NAME:	BINAK OILFIELD DEVI	EVELOPMENT/SUB-SURFACE WORK PACKAGES GENERAL				THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF							
	PROJECT	NO.:		9710	20	N.I.S.O.C./ FIELDS									
	EPC CONTRACTOR:			EPD/EPC	CONTRACTO	BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES GENERAL									
	HIRGAN		DESIGN & INSPECTION PANIES	PEDC	- ~	MPANY		DATE	SCAL	E	DRAWII	NG BY CHECKI	D BY PRO	NECT ENG.	
	DRAWING TITLE: LIGHTING & SMALL POWER LAYOUT FOR SWITCHGEAR BUILDING OF								NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
(VENDOR TITLE BLOCK)**	Light	ING & 51		PADS	WIICHGEA	APPROVED FOR CONSTRUCTION			TON	BY:	DATE:	DATE:			
(VERDOR TITLE BLOCK)**	SCALE	SIZE	DRAWIN	NG NO. -110-EL-PY-0004		SHEET NO	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION	
	AS SHOWN	A3	BK-SSGRL-PEDCO			2 OF 3	D01	053-073-9184	F	2	P	707412	2 OF 3	D01	
		•													

NOTES

LEGEND

DRG. No.

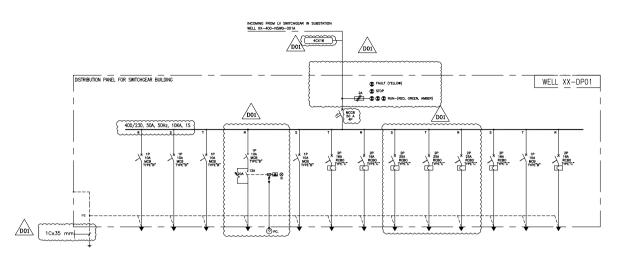
EK-CHRILL-PEDCO-000-EL-6P-0007

SK-GNRAL-PERCO-000-ISL-DW-0000

BK-10463-75000-110-51-107-000

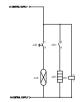
BK-10462-PEDCO-130-177-PT-0001

BY DATE BY DATE



FEEDER ID	INCOMING	F1	F2	F3	F4	F5	F6	F7	F8	F9	F10	F11	F12	F12
LINE	L1, L2, L3	L1	L2	L3	L1	L2	L3	L1	L2	L3	L1	L2	L3	L1
DEMAND LOAD	13.9 KW	224 W	72 W	822 W	120 W	144 W	1000 W	500 W	3500 W	3500 W	3500 W	500 W	-	-
CONSUMER LOAD (W)	-	1NO. EXIT 2NO. FLC 2NO. FPD	2NO. FPD	1NO. XF 1NO. FAN	6NO. IL	2NO. FLC	2NO. SC	1NO. SC	1NO.SPLIT	1NO.SPLIT	1NO.SPLIT	1NO. SC	SPARE	SPARE
CABLE/ SIZE-TYPE	CU/XLPE/SWA/PVC 4CX10	CU/PVC/PVC 3X2.5	CU/PVC/PVC 3X2.5	CU/PVC/PVC 3X2.5	CU/PVC/PVC 3X2.5	CU/PVC/PVC 3X2.5	CU/PVC/PVC 3X2.5	CU/PVC/PVC 3X2.5	CU/PVC/PVC 3X4	CU/PVC/PVC 3X4	CU/PVC/PVC 3X4	CU/PVC/PVC 3X2.5	-	-
														DOI

SHEET THICKNESS	2 mm	
COLOR	RAL 7032	
ACCESSIBILITY	FRONT	
INC CONNECTION	воттом	
OUT CONNECTIONS	BOTTOM	
INSTALLATION TYPE	SURFACE MOUNTED	DOI
IP CODE	IP 42	



CONTROL DIAGRAM

}															
							***	*********		***,****	**,**	***			
D01	OCT.2022	IPA	HANAKIBA	M.PAKHARIAN	M.MEHRSHAD	**,**	REV.	DESCRIPTION	BY	DATE	BY	DATE			
D00	MAY.2022	IPC	HASHAKIBA	M.PAKHARIAN	M.MEHRSHAD	**,**	KEY.	DESCRIPTION	CHECKED		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.								
PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SUB-SURFACE WORK PACKAGES GENERAL							THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF								

/D01

PROJECT NO.: 971020

EPC CONTRACTOR T

EPD/EPC CONTRACTOR (GC):

PETROIRAN DEVELOPMENT COMPANY

N.I.S.O.C./ FIELDS BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES

ARCHITECRULAL DRAWING FOR SYNCHOLER BULLIONS OF VELL PLAYS - WORKS - PK-WORKS-PEDCO-110-AR-DW-0005 CALCULATION NOTE FOR LICENSIC SYSTEM OF WELL PAGE SYSTEMSEAR BUILDING BK-88081, PEDCO-116-12,-CN-0002 SINGLE LINE DIAGRAM FOR LY POWER DISTRIBUTION PAREL OF WELL PAIDS | HK-SEGRL-PRINCO-110-HL-SL-0003 TYPICAL INSTALLETON DEBLES & NOTES FOR LICETURE SYSTEM BK-GARAL-PROCE-000-IL-DV-0003

EK-CHRILL-PERCO-000-EL-SP-0007

BK-10463-7EDC0-110-EL-17-000

DRAWING TITLE:
LIGHTING & SMALL POWER LAYOUT FOR SWITCHGEAR BUILDING OF
WELL PADS SCALE SIZE DRAWING NO. AS SHOWN A3 BK-SSGRL-PEDCO-110-EL-PY-0004 3 0F 3 D01 053-073-9184 F 2 P 707412 3 0F 3 D01

(VENDOR TITLE BLOCK)\*\*

DATE SCALE DRAWING BY CHECKED BY PROJECT ENG. NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED APPROVED FOR CONSTRUCTION BY: DATE:

RCBO, RESIDUAL CIRCUIT BREAKER WITH OVER CURRENT PROTECTION 争 ∅ PHOTO CELL FUSE

> REFERENCE DRAWING SPECIFICATION FOR LICETING & SMALL POWER SYSTEM

MTO FOR LIGHTING & SMALL POWERS - VOICE

NOTES

- PANEL SHALL BE SURFACE MOUNTED TYPE. CENTER POINT OF THIS PANEL SHOULD BE 1.5m ABOVE FINISHED FLOOR 2- INCOMING CABLE SIZE SHALL BE SELECTED ACC. TO THE LATEST REVISION OF CALCULATION NOTE FOR CABLE SIZING OF WELL

- INCOMING FEEDER SHALL BE PROVIDED WITH CURRENT LIMITTING SYSTEM 4- THE POWER DEMAND OF EACH FEEDER HAS BEEN CALCULATED BASED ON BELOW ASSUMPTION: - FOR LIGHTING ALL CONNECTED FIXTURES HAS BEEN CONSIDERED ON. FOR SOCKET ALL CONNECTED OUTLET HAS BEEN CONSIDERED 500W WITH CF=0.5

- FOR EXAMPLE ON FEEDER F5. THERE ARE 4 OUTLET SOCKET THE POWER IS 2000W. BUT WITH CF=0.5, IS WILL BE 1000W.

- THIS SLD IS VALID FOR ALL 6 NUMBER OF SECURITY BUILDING PANEL FOR WELLS NAMED AS BELOW:

LEGEND

AUTOMATIC CIRCUIT BREAKER MCCB WITH THERMAL

- WELL NUMBER BK-14 - WELL NUMBER W-007 - WELL NUMBER W-046

PADS (BK-SSGRL-PEDCO-110-EL-CN-0005).

DOI

- WELL NUMBER BK-12 - WELL NUMBER BK-15

- WELL NUMBER BK-05

MAGNET 4 POLE MINIATURE CIRCUIT RREAKER

HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES PEDCO SHEET NO. REV. BUDGET REF. LOCATION SIZE CLASS SERIAL NO. SHEET REVISION

SEQUENCE NUMBER FLC: FLUORESCENT LIGHTING LAMP FPD: FLUORESCENT PRIMATE DIFFUSER LAMP XF: EXPLOSION PROOF FLUORESCENT FIXTURE IL: INCANDESCENT LAMP

EX: EXIT LIGHT FAN: EXHAUST FAN

SC: SOCKET SP-SC: SPLIT SOCKET

LIGHTING FIXTURE NUMBERING PROCEDURE