

ELECTRICAL EQUIPMENT ARRANGEMENT LAYOUT  
FOR SWITCHGEAR BUILDING OF WELL PADS

NOTES

LEGEND

REFERENCE DRAWING

DWG. No.

ARCHITECTURAL DRAWING FOR SWITCHGEAR BUILDING OF WELL PADS - 80465

BK-80465-PEDCO-110-AR-08-0009





ELECTRICAL LOAD LIST OF WELL PADS

BK-80465-PEDCO-110-EL-11-0001

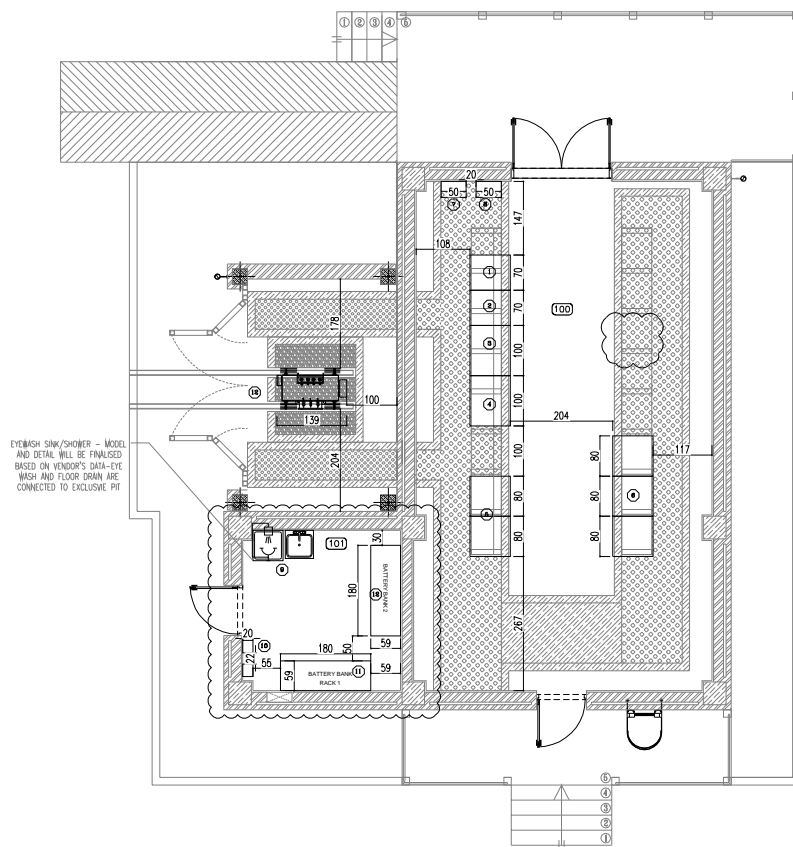
CALCULATION NOTE FOR DC CHARGER OF WELL PADS

BK-80465-PEDCO-110-BL-CN-0009

KEY PLAN

DOO	SEP-2020	IPA	ELBAGHRA	ELFADHARIAN	ELMOMENI	00-00	000	00000000000000000000	REV. 00	0000-0000	00-00	0000-0000	
DOE	MAY-2020	IPA	ELBAGHRA	ELFADHARIAN	ELMOMENI	00-00	000	00000000000000000000	REV. 00	0000-0000	00-00	0000-0000	
DOI	SEP-2022	IPA	ELBAGHRA	ELFADHARIAN	ELMOMENI	00-00	000	00000000000000000000	REV. 00	0000-0000	00-00	0000-0000	
DOO	MAY-2022	IPC	ELBAGHRA	ELFADHARIAN	ELMOMENI	00-00	000	00000000000000000000	REV. 00	0000-0000	00-00	0000-0000	
REV.	DATE	P.O.I.F.	PREP.	CHK.	APP.	AUT.	الرجاء ان يكون هذا الرسم متوافقا مع الرسم الذي تم اعتماده من قبل العميل						
							REV.	DESCRIPTION	BY	DATE	REV.	DATE	
								CHECKED	REV.	APPR.			
PROJECT NAME:							THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C. FIELDS						
PROJECT NO.:													
EPC CONTRACTOR:			EPD/EPC CONTRACTOR (GO):			BINAK OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES BK05 WHF MODIFICATIONS							
 HIRAS ENERGY - DESIGN & INSPECTION COMPANIES			 PEDCO			 PETROIRAN DEVELOPMENT COMPANY							
							DATE	SCALE	DRAWING BY	CHECKED BY	PROJECT ENG.		
DRAWING TITLE:							NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED						
ELECTRICAL EQUIPMENT ARRANGEMENT LAYOUT FOR FOR SWITCHGEAR BUILDING OF WELL PADS							APPROVED FOR CONSTRUCTION BY:						
SCALE	SIZE	DRAWING NO.		SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION	
AS SHOWN	AS	BK-80465-PEDCO-110-EL-PY-0008		01 OF 02	003	003-070-0104	F	2	P	707416	01 OF 02	003	










**D03**

SWITCHGEAR ROOM EQUIPMENT		
ITEM	EQPT. NO.	DESCRIPTION
(1)	OUT 2	OUTDOOR 2
(2)	OUT 1	OUTDOOR 1
(3)	IN-1	INCOMING FROM TRANSFORMER
(4)	DOCB	DISBURG CIRCULATOR CIRCUIT BREAKER
(5)	VFD	VFD PANEL FOR HSP PUMP
(6)	110-CHG	110 VDC CHARGER
(7)	DPOI	DETERTERATION PANEL FOR SWITCHGEAR BUILDING
(8)	DPOS	DETERTERATION PANEL FOR OUTDOOR AREA
(9)	ETWASH	ETWASH SWIL/BROSER
(10)	FW	PUMP SOURCE
(11)	BANK 1	BATTERY BANK RACK 1
(12)	BANK 2	BATTERY BANK RACK 2
(13)	TR-001	TR. TRANSFORMER

**NOTES**

- 1- DIMENSIONS ARE IN "H" AND "L" AND ELEVATIONS IN "M" UNLESS SPECIFIED.
- 2- ALL INFORMATION DATA, HEIGHTS AND DIMENSIONS SHOWN IN THE DRAWING SHALL BE VERIFIED AND THUMBLINED ACCORDING TO VENDOR DOCUMENTS.
- 3- THIS DRAWING IS VALID FOR ALL NUMBER OF WALLS SHOWN AS BELOW:
- 4- BETWEEN BATTERY BATTERY & SWITCHGEAR 2 SLEEVES 4" (max) SHALL BE CONSIDERED IN THE HEIGHT OF 30 CM FROM FLOOR TO PASS OF CABLES.
- 5- THIS DRAWING IS VALID FOR ALL NUMBER OF WALLS SHOWN AS BELOW:
- 6- WALL NUMBER BW-12                      - WALL NUMBER BW-35                      - WALL NUMBER BW-048
- 7- WALL NUMBER BW-18                      - WALL NUMBER BW-267                      - WALL NUMBER BW-14
- 8- EXHAUST FAN IS SPLIT LOCATED IN BATTERY & SWITCHGEAR ROOM SHALL BE ACCORDING TO THE FOLLOWING TABLE:

NO.	LOCATION	TYPE	MODEL	MANUFACTURER
1	INVC System Layout for Switchgear Building	W-048S	HW-0048S-PECCO-11-09-PT-00	WATTS
2	INVC System Layout for Switchgear Building	W-007S	HW-0007S-PECCO-11-09-PT-00	WATTS
3	INVC System Layout for Switchgear Building	W-007S	HW-0007S-PECCO-11-09-PT-00	WATTS
4	INVC System Layout for Switchgear Building	W-012S	HW-0012S-PECCO-11-09-PT-00	WATTS
5	INVC System Layout for Switchgear Building	W-012S	HW-0012S-PECCO-11-09-PT-00	WATTS
6	INVC System Layout for Switchgear Building	W-012S	HW-0012S-PECCO-11-09-PT-00	WATTS
7	INVC System Layout for Switchgear Building	W-030S	HW-0030S-PECCO-11-09-PT-00	WATTS

	BRICK WALL
	REINFORCED CONCRETE
	CHEQUERED PLATE TRENCH CAP
	LEAN CONCRETE
	ANTI-ACID CERAMIC

REFERENCE DRAWING	DRG. No.
STRUCTURAL DRAWING FOR SWITCHGEAR BUILDING OF WBLL PADS - W046S	SK-W046S-PSDCO-110-AR-01-0001
ELECTRICAL LOAD LIST OF WBLL PADS	SK-SP001S-PSDCO-110-EL-LI-0001
CALCULATION NOTE FOR DC CHARGER OF WBLL PADS	SK-SP001S-PSDCO-110-EL-CN-0001

100 SWITCHGEAR ROOM  
101 BATTERY ROOM  
102 TRANSFORMER SHELTER

[illegible]