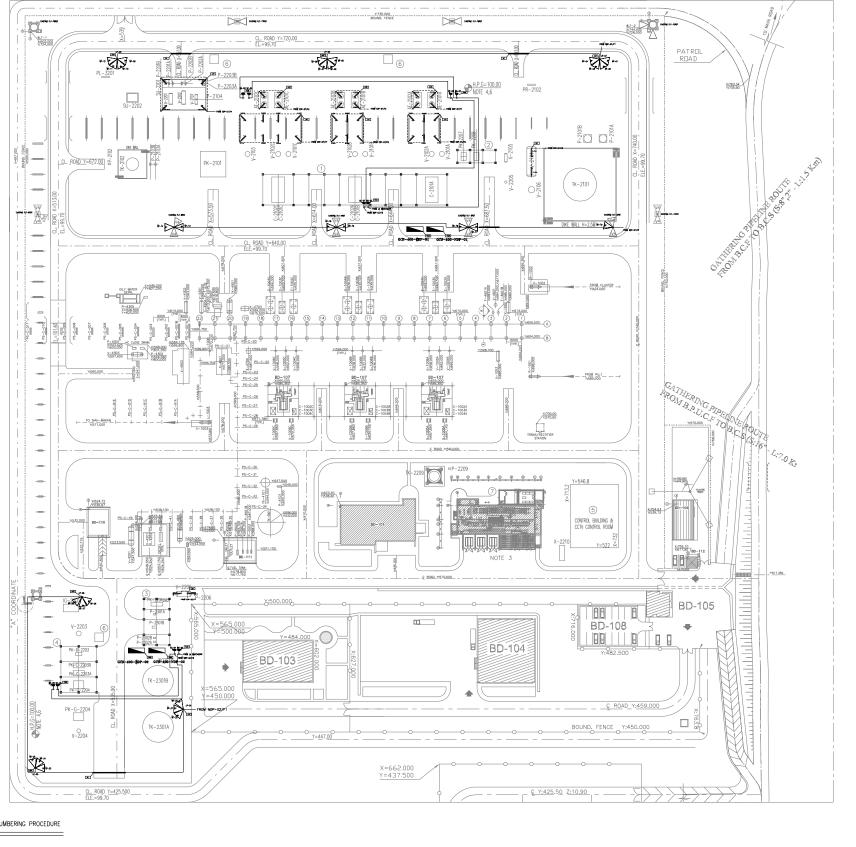
					NOTES
					LEGEND
AREA	LIGHTING	& SMALL	POWER	LAYOUT	REFERENCE DRAWING UNIT FLAT PLAIN PRABING SPECIFICATION FOR LIGHTING # SHALL POWER SYSTEM SPECIFICATION FOR LIGHTING # SHALL POWER SYSTEM TYPICAL INSTALLATION DETAILS # NOTES FOR LIGHTING SYSTEM TYPICAL INSTALLATION DETAILS # NOTES FOR POWER SYSTEM CALCULATION NOTE FOR DUTLONG # ROTTES FOR JUSTIC # STALL POWER SYSTEM DISTRIBUTION & SHALL POWER LATOUT FOR BUILDING & SHBLTER BK-CGS-PEDCO-120-EL-PK-0004 HAZARBOUS AREA CLASSIFICATION LAYOUT KEY PLAN KEY PLAN
			(VENDOR TITLE	DOI APR.2023 IPA H.SHAKIBA M.FAKHARAN M.MERISHAD * DOO JUN.2022 IPC H.SHAKIBA M.FAKHARAN M.MERISHAD * DOO JUN.2022 IPC H.SHAKIBA M.FAKHARAN M.MERISHAD * DREV. DATE P.O.I.S PREP. CHK. APP. A PROJECT NAME: BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION PROJECT NO.: 971020 EPC CONTRACTOR: EPD/EPC CONTRACTOR (GC): HIRGAN ENERGY - DESIGN & INSPECTION COMPANY COMPANIES DRAWING TITLE: AREA LIGHTING & SMALL POWER LAYOUT SCALE SIZE DRAWING NO. SHEET NO. I	REV. DESCRIPTION CHECKED REV. APPR.



BY DATE BY DATE D01 APR.2023 IFA H.SHAKIBA M.PAKHARIAN M.MEHRSHAD **.** REV. **,** D00 JUN.2022 IFC H.SHAKIBA M.FAKHARIAN M.MEHRSHAD 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: THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION N.I.S.O.C./ FIELDS 971020 EPD/EPC CONTRACTOR (GC): BINAK OILFIELD DEVELOPMENT SURFACE FACILITIES HIRGAN PETROIRAN GAS COMPRESSOR STATION DEVELOPMENT SCALE DRAWING BY CHECKED BY PROJECT ENG. DATE COMPANY HIRGAN ENERGY - DESIGN & INSPECTION DRAWING TITLE: NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED AREA LIGHTING & SMALL POWER LAYOUT APPROVED FOR CONSTRUCTION BY: DATE:

(VENDOR TITLE BLOCK)** SHEET NO. REV. BUDGET REF. LOCATION SIZE CLASS SERIAL NO. SHEET REVISION DRAWING NO. N.T.S A3 BK-dc/S-PEDC0-120-EL-PY-0003 02 0F 03 D01 053-073-9184 F 2 P 709048 02 0F 03 D01

LIGHTING FIXTURE NUMBERING PROCEDURE

SEQUENCE NUMBER FI.C: FLUORESCENT LIGHTING LAMP FPD: FLUORESCENT PRIMATE DIFFUSER LAMP XF: EXPLOSION PROOF FLUORESCENT FIXTURE IL: INCANDESCENT LAMP CM: CEILING MOUNTED

WS: WELDING SOCKET (3PH)

EX: EXIT LIGHT
FAN: EXHAUST FAN LP: LIGHTING POLE
HB: HIGH BAY
MT: METAL HALID
SC: SOCKET
SP-SC: SPLIT SOCKET

UNIT PLOT PLAN DRAWING BK-GCS-PEDCO-120-PI-PY-0001 SPECIFICATION FOR LIGHTING & SMALL POWER SYSTEM BK-GNRAL-PEDCO-000-EL-SP-0007 TYPICAL INSTALLATION DETAILS & NOTES FOR BK-GNRAL-PEDCO-000-EL-DW-0003 BK-GNRAL-PEDCO-000-EL-DW-0004 CALCULATION NOTE FOR OUTDOOR AREA LIGHTING SYSTEM BK-GCS-PEDC0-120-EL-CN-0001 JOHANNO & SMALL POWER LAYOUT FOR BUILDING & SHELDER BK-GCS-PEDCO-120-EL-PY-0004

REFERENCE DRAWING

- ALL CABLES SHALL BE FIXED TO PANEL BY GLAND. 2- ELECTRICAL DISTRIBUTION PANEL IS WALL MOUNTED TYPE & IP 55. - 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-

NEW 15th LATTICE LIGHTING POLE WILL BE INSTALLED IN SAFE AREA.
 LIGHTING POLES FLI-2RST, FLI-3RST, FLI-4RST & FLI-5RST ARE EXISTING ON WHICH 1 OR 2
 NEW FLOODLOST HAVE BEEN ADDED. SINCE EXISTING CARLES IS NOT CAPABLE TO FEED NEW FIXTURES, THEREFORE NEW FLOODLOSH'S WILL BE FED FROM NOP-01 & NOP-02.

ACCORDING TO DOCUMENT "HAZARDOUS AREA CLASSIFICATION". FLUORESCENT FIXTURE & OUTLET SOCKET IN PROCESS AREA SHALL BE "EXD LLB 13"

LIGHTING FIXTURE TWIN FLUORESCENT LAMPS (1Ph-N),230v,50Hz,2X36W, BRACKET MOUNTE

OUTDOOR LIGHTING SHALL BE TURNED ON/OFF BY PHOTOCELL.

NEW FLOODLIGHT FIXTURE, 1X400W, METAL HALIDE LAMP, 1P65

WP: WEATHER PROOF TYPE
 EX: EXPLOSION PROOF TYPE

- RUN OF CABLE IN CONDUIT LIGHTING PANEL BOARD (TYPICAL),IP55 TYPICAL INSTALLATION ID NO.

TRIBUTION & LIGHTING PANELS SINGLE LINE DIAGRAM BK-GCS-PEDCO-120-EL-SL-0004

DRG. No.

KEY PLAN

