

NOTES


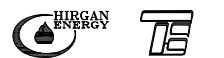
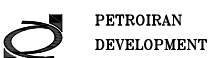
LEGEND

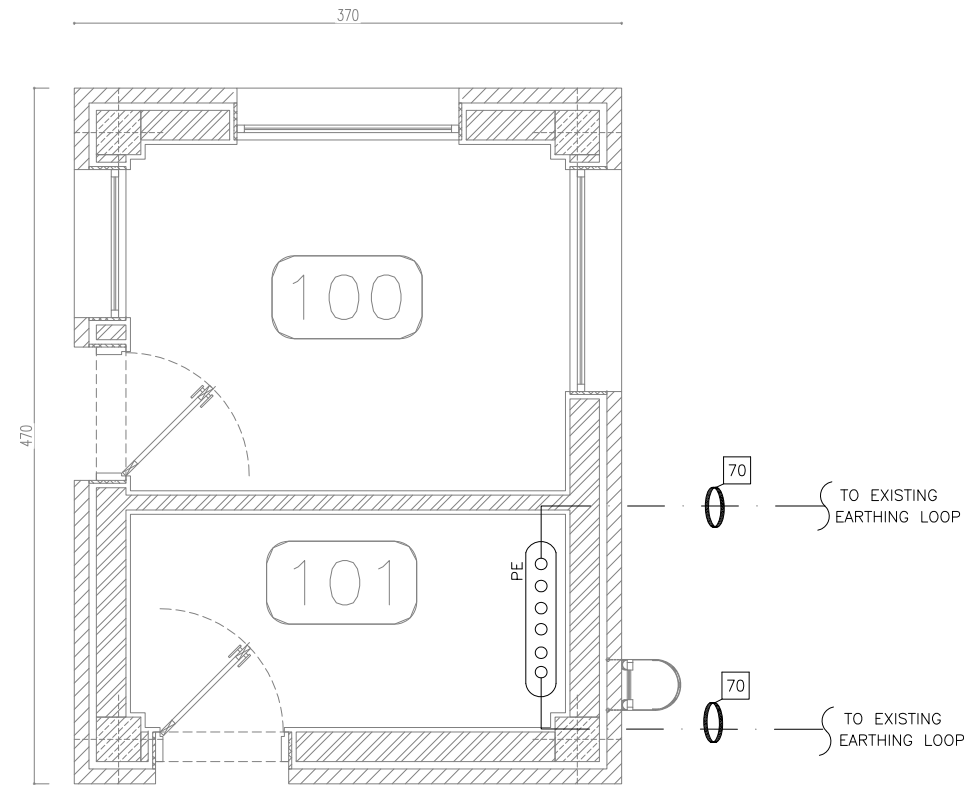
REFERENCE DRAWING

DRG. No.

KEY PLAN

EARTHING LAYOUT FOR PRODUCTION UNIT

REV.	DATE	DESCRIPTION	BY	DATE	CHECKED	BY	DATE	REVISION			
DOO	OCT.2022	IPC	H.SHAKIBA	M.PAKHARIAN	M.MEHESHAD	** **					
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.					
PROJECT NO.:		971020						 THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C. / FIELDS			
EPC CONTRACTOR:			EPD/EPC CONTRACTOR (GC):								
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES			 PETROIRAN DEVELOPMENT COMPANY PEDCO								
DRAWING TITLE:		EARTHING LAYOUT FOR PRODUCTION UNIT						NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED			
(VENDOR TITLE BLOCK)**		APPROVED FOR CONSTRUCTION		BY:		DATE:					
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
NTS	A3	BK-GCS-PEDCO-120-EL-PY-0015	01 OF 02	DOO	053-073-9184	F	2	P	709065	01 OF 02	DOO



SPACE TAG NUMBER

- 100 GUARD HOUSE
- 101 RACK ROOM

EARTHING SYSTEM LAYOUT FOR CCTV PU

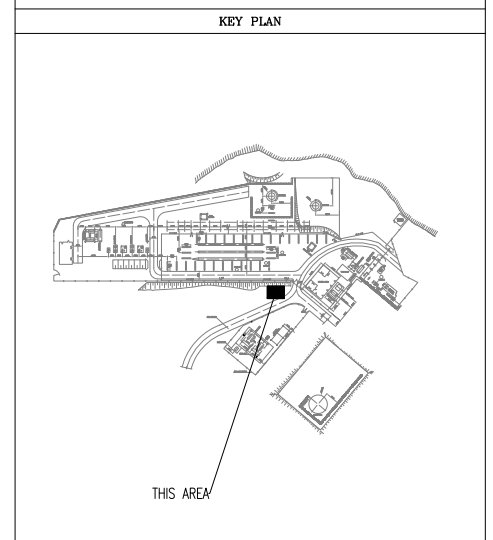
NOTES

- 1-ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
- 2-AIR TERMINAL INSTALLED ON A STRUCTURE SHALL BE LOCATED AT CORNERS, EXPOSED POINTS AND EDGES AS POSSIBLE.
- 3-LIGHTNING EQUIPMENT SHALL BE FINALIZED ACC. TO VENDOR RECOMMENDATION.
- 4-THIS DRAWING IS ONLY VALID FOR ELECTRICAL PURPOSE.
- 5-HDG CONDUIT SHALL BE CONSIDERED FOR DOWN CONDUCTOR FROM TEST BOX THROUGH THE SOIL.
- 6-THE EXACT LOCATION OF EARTH RODS FOR LPS IS SELECTED AT ERECTION STAGE AT SITE IN SUCH A WAY THAT MINIMUM DISTANCE AMONG EARTHING SYSTEM RODS & LPS RODS IS EQUAL TO LENGTH OF WHICH.
- 7-ACCORDING TO NFPA790, MAXIMUM INTERVAL BETWEEN FASTENERS FOR VERTICAL AND HORIZONTAL CONDUCTORS ARE 1.2M AND 0.6M RESPECTIVELY.

LEGEND

- / 70 EARTHING CABLE, 70mm², WITH Y/G PVC COVER
- PE
○○○○○○ ELECTRICAL EARTHING DISPATCHER(MIN. 10NO. HOLES)

REFERENCE DRAWING	DRG. No.
ARCHITECTURAL DRAWING FOR CCTV RACK ROOM- BINAK PU	BK-GCS-PEDCO-120-AR-DW-0010
CALCULATION NOTE FOR EARTHING & LIGHTNING SYSTEM	BK-GCS-PEDCO-120-EL-CN-0006
SPECIFICATION FOR EARTHING & LIGHTNING SYSTEM	BK-GNRAI-PEDCO-000-EL-SP-0006
TYPICAL INSTALLATION DETAILS & NOTES FOR EARTHING & LIGHTNING PROTECTION SYSTEM	BK-GNRAI-PEDCO-000-EL-DW-0002



REV.	DESCRIPTION	BY	DATE	CHECKED	BY	DATE	REV. APPR.				
D00	OCT.2022	IPC	H.SHAHBA	M.PAKHARIAN	M.MEHRSHAD	**	**				
REV.	DATE	P.O.I.S	PREP.	CHK.	APP.	AUT.					
PROJECT NAME:		BINAK OILFIELD DEVELOPMENT/SURFACE FACILITIES GAS COMPRESSOR STATION									
PROJECT NO.:		971020									
EPC CONTRACTOR:		EPD/EPC CONTRACTOR (GC):									
 HIRGAN ENERGY - DESIGN & INSPECTION COMPANIES		 PETROIRAN DEVELOPMENT COMPANY									
DRAWING TITLE:		NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED									
(VENDOR TITLE BLOCK)**		EARTHING LAYOUT FOR PRODUCTION UNIT		APPROVED FOR CONSTRUCTION		BY: DATE:					
SCALE	SIZE	DRAWING NO.	SHEET NO.	REV.	BUDGET REF.	LOCATION	SIZE	CLASS	SERIAL NO.	SHEET	REVISION
NTS	A3	BK-GCS-PEDCO-120-EL-PY-0015	02 OF 02	D00	053-073-9184	F	2	P	709065	02 OF 02	D00