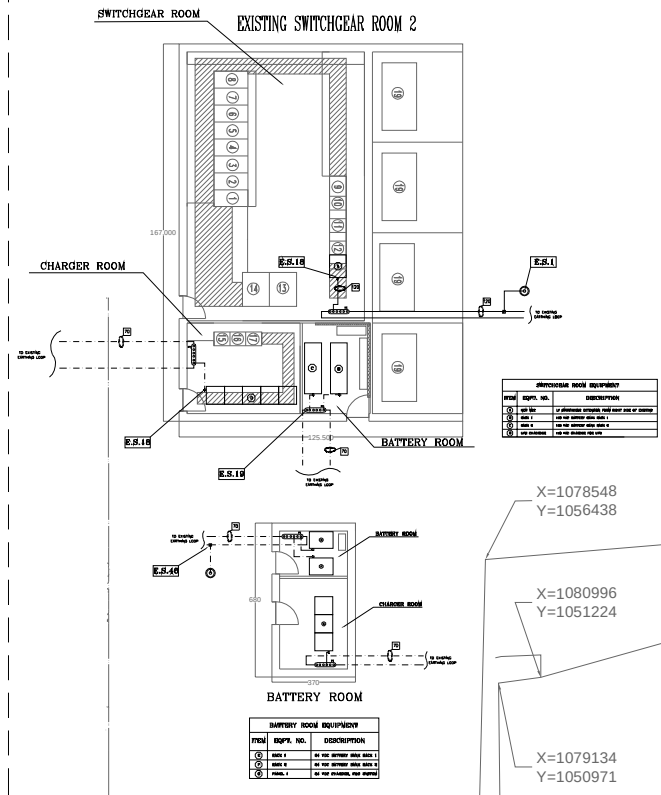


EARTHING & LIGHTNING LAYOUT – EXTENSION OF BINAK B/C MANIFOLD

[illegible]



X=1078548
Y=1056438

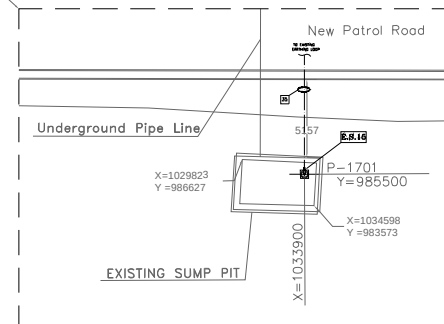


X=1078548
Y=1056438

X=1080996
Y=1051224

X=1079134
Y=1050971

X=1015011
Y=996624



NOTES

- 1-ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.
- 2-MAIN EARTHING CONDUCTOR IN LIGHT GRAUND SHOULD BE STRANDED ROUND BARE COPPER BARE 70sqmm AND BRANCH EARTH CONDUCTORS AND ALL ABOVE EARTH CONDUCTORS SHOULD BE GREEN/YELLOW PVC.
- 3-THE CONNECTION OF ABOVEGROUND EARTHING CABLES SHALL BE COMP TYPE FOR UNDERGROUND INSTALLATION. TYPICAL WELDING CONNECTION TYPE SHALL BE USED.
- 4-ALL BUILDING SOCIETY, JUNCTION BOXES, LIGHTING TOWER/POLES, PANELS AND OTHER EQUIPMENT SHALL BE CONNECTED TO EARTHING SYSTEM.

LEGEND

- / — 150 EARTHING CABLE, 35mm², WITH 1/2" PVC COVER
- / — 150 EARTHING CABLE, 70mm², WITH 1/2" PVC COVER
- / — 150 EARTHING CABLE, 120mm², WITH 1/2" PVC COVER
- 0 EARTHING EQUIPMENT CONNECTION
- ⊙ EARTHING ROD, 2x1.5M LENGTH, 0.019mm² DIAMETER COPPER ROD WITH TEST BELL
- ⊙ ELECTRICAL EARTHING DISCONNECTOR (10kV VOLTS)
- ⊙ CROSSLINK JOINT
- ⊙ MOTOR GENERAL
- ⊙ TYPICAL INSTALLATION @ NO.

REFERENCE DRAWING

REF. PLAN NUMBER	DESCRIPTION	REV. NO.
SI-1000-1000-110-PI-PY-0001	PLAN PLAN NUMBER - EXTENSION OF BINA B/C MANIFOLD	SI-1000-1000-110-PI-PY-0001
SI-1000-1000-110-PI-PY-0002	ELECTRICAL EQUIPMENT ARRANGEMENT LAYOUT IN BUILDING - EXTENSION OF BINA B/C MANIFOLD	SI-1000-1000-110-PI-PY-0002
SI-1000-1000-110-PI-PY-0003	TYPICAL INSTALLATION NUMBER A TYPICAL FOR BINA B/C MANIFOLD & BINA B/C MANIFOLD	SI-1000-1000-110-PI-PY-0003
SI-1000-1000-110-PI-PY-0004	PROTECTION FOR BINA B/C MANIFOLD & BINA B/C MANIFOLD	SI-1000-1000-110-PI-PY-0004

KEY PLAN

REV.	DESCRIPTION	BY	DATE	BY	DATE
DDO	JAN.2008	IPC	1/1/08	PREP.	1/1/08
REV.	DATE	P.O.I.F.	PREP.	CHK.	APP.
PROJECT NAME: BINA OILFIELD DEVELOPMENT/PIED-110-PI-PY-0004					
PROJECT NO.: 971020					
EPC CONTRACTOR: HIRGAN ENERGY DESIGN & INSPECTION COMPANIES					
EPD/EPC CONTRACTOR (GO): PETROIRAN DEVELOPMENT COMPANY					
THE ORIGINAL AND ALL COPIES OF THIS DRAWING TOGETHER WITH THE COPYRIGHT THEREIN ARE THE SOLE PROPERTY OF N.I.S.O.C./ FIELDS					
BINA OILFIELD DEVELOPMENT SUB-SURFACE WORK PACKAGES GENERAL					
DATE SCALE DRAWING BY PROJECT ENG.					
NO CONSTRUCTION PERMITTED UNLESS DRAWING APPROVED					
APPROVED FOR CONSTRUCTION BY: DATE:					
DRAWING NO. SHEET NO. REV. BUDGET REF. LOCATION SIZE CLASS SERIAL NO. SHEET REVISION					
1/400 AS BK-WD078-PIEDCO-110-EL-PY-0004 2 OF 2 DDO 000-078-0184 P 2 P 708003 2 OF 2 DDO					