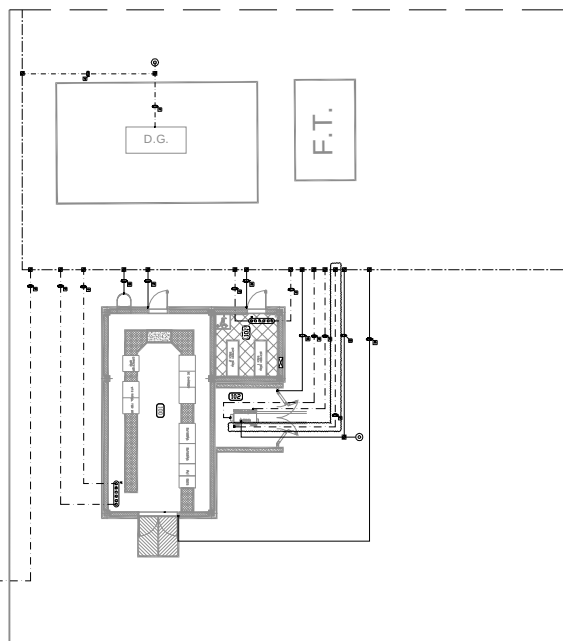


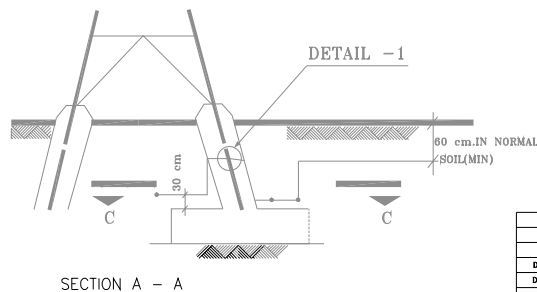
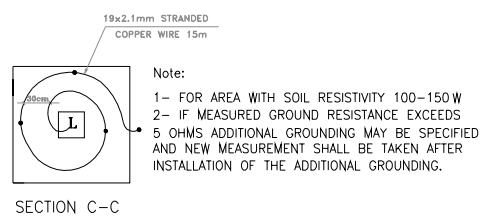
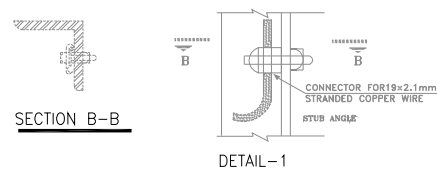
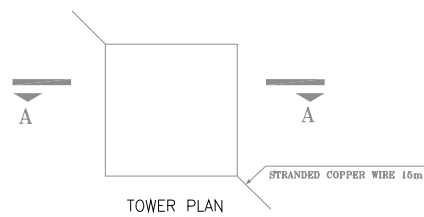
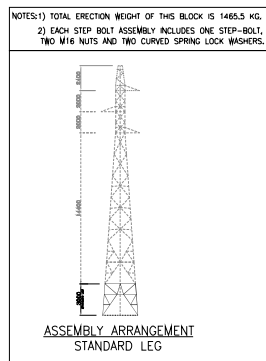
EARTHING LAYOUT FOR ELECTRICAL TOWER (GANTRY) OF WELL PADS

NOTES	
1-MAIN EARTHING CONDUCTOR IN UNDER GROUND SHOULD BE SPANNED ROUND BARE COPPER BARE THINNESS AND BRANCH EARTH CONDUCTORS AND ALL ABOVE EARTH CONDUCTORS SHOULD BE GREEN/YELLOW PVC. 2-THE CONNECTION OF MISCELLANEOUS EARTHING CABLES SHALL BE CHAMP TYPE, FOR UNDERGROUND INSTALLATION THINWALL-BULGE/CONNECTION TYPE SHALL BE USED. 3-EARTHING CABLE SHALL BE Laid IN TRENCH IN THE SAME MANNER WITH TRENCH IN CASE BURIED THERE IS NO TRENCH, IT WILL BE DIRECTLY BURED MINIMUM UNDERGROUND CLIP TO THE STRUCTURE ABOVE GROUND/CLIP BEUSE EARTH CONDUCTOR SHALL BE PROTECTED BY STEEL CONDUIT, WHEN RISE TO UPPER LEVELS AND PLATFORMS OR STRUCTURES. - MORE THAN AND EQUAL TO THINNESS 1.602 - MORE THAN THINNESS TO THINNESS 1.602	
LEGEND	
REFERENCE DRAWING	DIRC. No.
CALCULATION NOTE FOR EARTHING & LIGHTNING SYSTEM OF BELL PANS	BN-SSOR-PE202-110-01-0N-0007
SPECIFICATION FOR EARTHING & LIGHTNING SYSTEM	BN-000AL-PE202-000-01-1P-0006
THINCL INSTALLATION DETAILS & NOTES FOR EARTHING & LIGHTNING PROTECTION SYSTEM	BN-000AL-PE202-000-01-10R-0002
THINCL INSTALLATION DETAILS FOR OVER HEAD LINE EQUIPMENT	BN-000AL-PE202-000-01-10R-0001
KEY PLAN	

[illegible]



FOR MORE DETAIL SEE DRAWING No. :
BK-SSGRL-PEDCO-110-EL-PY-0010



FIL. FILLER PLATE
N.S. NEAR SIDE
F.S. FAR SIDE
• BOLTED CONNECTION, HOLE $\phi 13.5$
• STEP BOLT, HOLE $\phi 17.5$

1- ALL DIMENSIONS ARE IN MILLIMETER.
2- ALL UNSPECIFIED HOLE DIAMETERS ARE $\phi 13.5$ MM,
UNLESS OTHERWISE SPECIFIED.

D01

NOTES

- 1- WAX BRASSING CONDUIT IN UNDER GROUND SHOULD BE SPINNED ROUGH BORE COPPER WIRE THROWN AND BRASSING EARTH CONNECTIONS AND ALL ABOVE EARTH CONNECTIONS SHOULD BE GREEN/YELLOW PVC.
- 2- THE CONNECTION OF ABOVEGROUND EARTHING CABLES SHALL BE ONHAT TYPE, FOR UNDERGROUND INSTALLATION THERMO-ALCOOLEXCONNECTION TYPE SHALL BE USED.
- 3- EARTHING CABLE SHALL BE Laid IN TRENCH IN THE SAME ROUTE WITH CABLES IN CASE WHERE THERE IS NO TRENCH, IT WILL BE DIRECTLY BURIED (MINIMUM) UNDERGROUND TRENCHES CLIP TO THE STRUCTURE AND GROUNDING BELOW EARTH CONNECTION SHALL BE TO STEEL CONDUIT, WHEN WISE TO UPPER LEVELS LIKE PLATFORMS OR STRUCTURES.
- 4- MORE THAN AND EQUAL TO 70mmmm
- 5- MORE THAN 100mmmm TO 300mmmm X 125.

LEGEND

- | | | |
|---|---|---|
|  |  | BARE COPPER EARTHING CABLE, 70mm ² |
|  |  | EARTHING CABLE, 30mm ² , WITH 1/2 PVC COVER |
|  |  | EARTHING CABLE, 70mm ² , WITH 1/2 PVC COVER |
|  |  | EARTHING CABLE, 300mm ² , WITH 1/2 PVC COVER |
|
 | | |
|  | EARTHING EQUIPMENT CONNECTION | |
|
 | | |
|  | EARTHING ROD WITH TEST WELL | |
|
 | | |
|  | EARTHING ROD WITH 1.5M LENGTH, 0.19mm ² DIAMETER GALVANIZED STEEL/COPPER ROD | |
|
 | | |
|  | ELECTRICAL EARTHING DISPATCHER (KONG HOLES) | |
|
 | | |
|  | CASTED JOINT | |
|
 | | |
|  | CABLE GENERAL | |

REFERENCE DRAWING	DRG. No.
CALCULATION NOTE FOR EARTHING & LIGHTNING SYSTEM OF GELL PADS	BR-550PL-PECCO-110-EL-CN-0027
SPECIFICATION FOR EARTHING & LIGHTNING SYSTEM	BR-50ARL-PECCO-000-EL-SP-0006
TYPICAL INSTALLATION DETAILS & NOTES FOR EARTHING & LIGHTNING PROTECTION SYSTEM	BR-50ARL-PECCO-000-EL-DH-0052
TYPICAL INSTALLATION DETAILS & NOTES FOR OVER HEAD LINE EQUIPMENT	BR-550AR-PECCO-110-EL-DH-0050

KEY PLAN

[illegible]

[illegible]