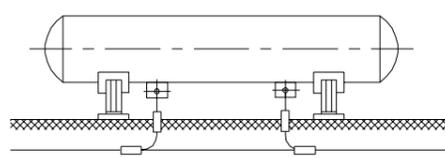
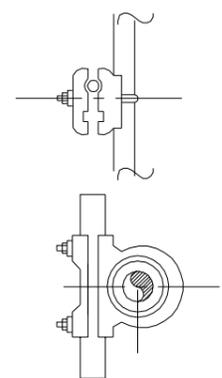


NOTES:-

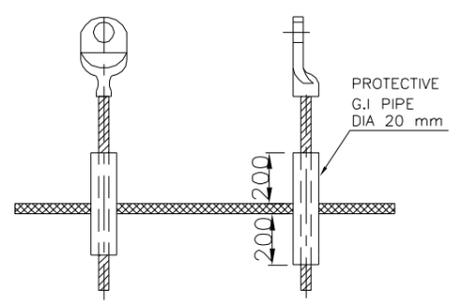
1. ALL DIMENSIONS ARE IN mm UNLESS OTHERWISE STATED.
2. THE MAIN EARTHING/GROUNDING NETWORK IS REALISED WITH STRANDED BARE COPPER CONDUCTORS.
3. ALL MAIN ELECTRICAL & MECHANICAL EQUIPMENTS SUCH AS THE TANKS, THE VESSELS ECT. SHALL BE CONNECTED TO THE MAIN NET WORK BY MEANS OF STRANDED COPPER CONDUCTOR (BARE)
4. ALL OTHER EQUIPMENTS SUCH AS PUSH-BUTTON STATION, SOCKET STATION, LIGHT POLES & OTHER SMALL ITEMS SHALL BE CONNECTED BY MEANS OF COPPER CONDUCTOR CABLES/CORDS PVC (INSULATED) AS MENTIONED IN LAYOUT.
5. THE EARTHING CONDUCTOR/CORD SHALL BE PROTECTED ABOVE EARTH WITH A PIECE OF HEAVY G.I PIPE OR HEAVY PVC PIPE (D-CLASS) FILLED WITH ARDENING MIXTURE FOR AN EXTENSION OF 200mm OUT OF EARTH.
6. THE EARTHING TERMINALS SHALL BE REALISED IN ORDER TO ENSURE AT LEAST 200 SQ. mm OF CONTACT SURFACE.
7. EARTHING TERMINALS & SCREWS ($\phi > 10\text{mm}$) SHALL BE IN HOT DIPPED GALVANISED STEEL (OR HARDENED COPPER OR STAINLESS STEEL.)
8. ALL CONNECTIONS WITH MAIN GROUNDING/EARTHING NETWORK INCLUDING, SCREWS,BOLTS,NUTS,CONNECTORS,LUGS & OTHER FITTINGS SHALL BE PROTECTED AGAINST CORROSION WITH INSULATING COATING.



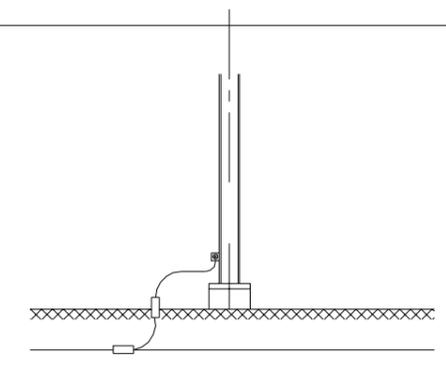
LPG BULLETS GROUNDING CONNECTIONS



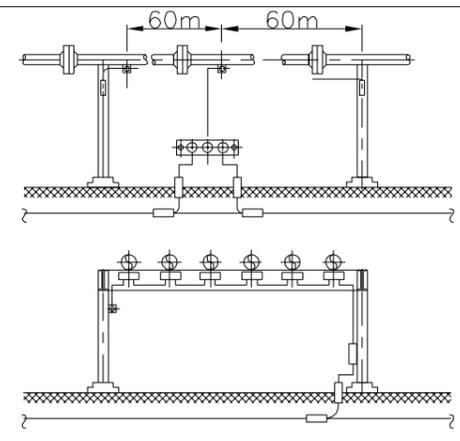
CABLE TERMINAL FOR GROUND POLE CONNECTIONS



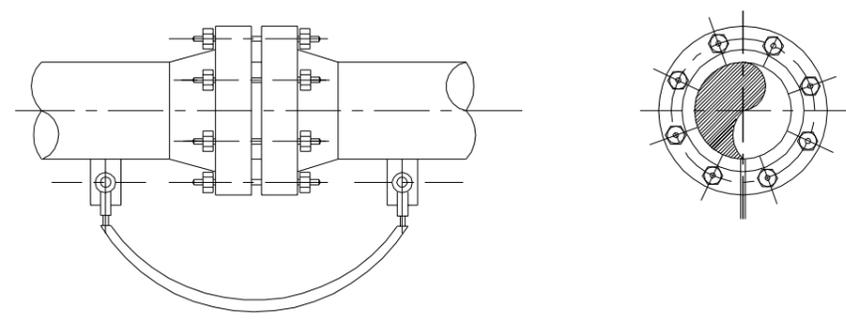
CABLE TERMINAL FOR GROUND EQUIPMENT CONNECTIONS



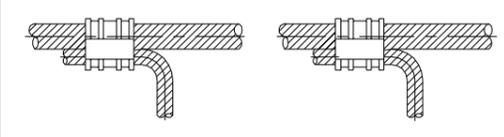
STRUCTURE GROUNDING CONNECTIONS



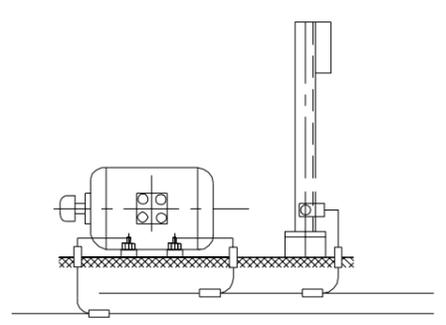
PIPES OF RACK GROUNDING CONNECTIONS



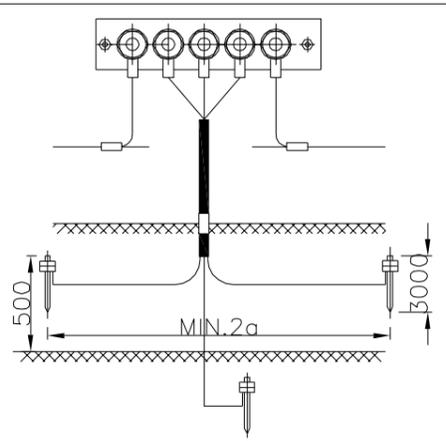
PIPE GROUNDING CONNECTIONS



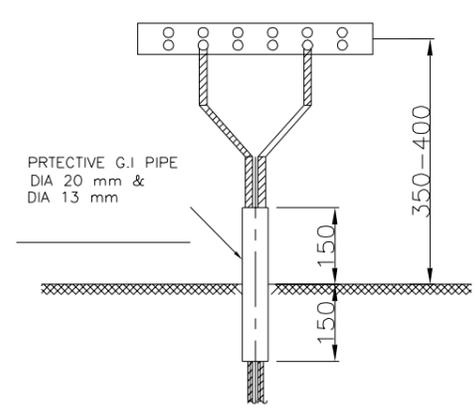
COMPRESSION CONNECTOR CONNECTION



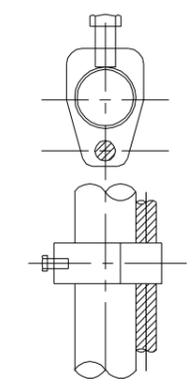
MOTOR & COLUMN GROUNDING CONNECTION



EARTH PLATE CONNECTIONS BOND



GROUNDING PLATE CONNECTION



GROUND CABLE CONNECTIONS WITH STEEL PIPE

ISSUED FOR TENDER

0	09-03-2018	ISSUED FOR TENDER	MAA	JAB	AIB	MAS
A	29-12-2017	ISSUED FOR REVIEW & APPROVAL	MAA	JAB	AIB	AHB
REV.	DATE	DESCRIPTION OF REVISION	DRAWN	DESIGNED	CHECKED	APPR.
ENAR PETROTECH SERVICES (PRIVATE) LIMITED 7-B, Sector 7-A Korangi Industrial Area, Karachi Pakistan TEL: (9221) 5062791 E-mail: info@enar.com.pk URL: www.enar.com.pk			Job No. 14-0193 Dwg. No. 0193-ELA-6800 Sheet 2 OF 15			
OIL & GAS DEVELOPMENT COMPANY LIMITED NASHPA COMPRESSION PROJECT (PHASE-II)			COMPUTER CODE: 0193-ELA-6800 SHEET SIZE: A3 SCALE: NTS REPLACES DWG. NO.: -			
TYPICAL DETAILS FOR EARTH TERMINATION						
THIS DOCUMENT IS THE PROPERTY OF ENAR & THE CONTENTS MUST BE TREATED AS CONFIDENTIAL						