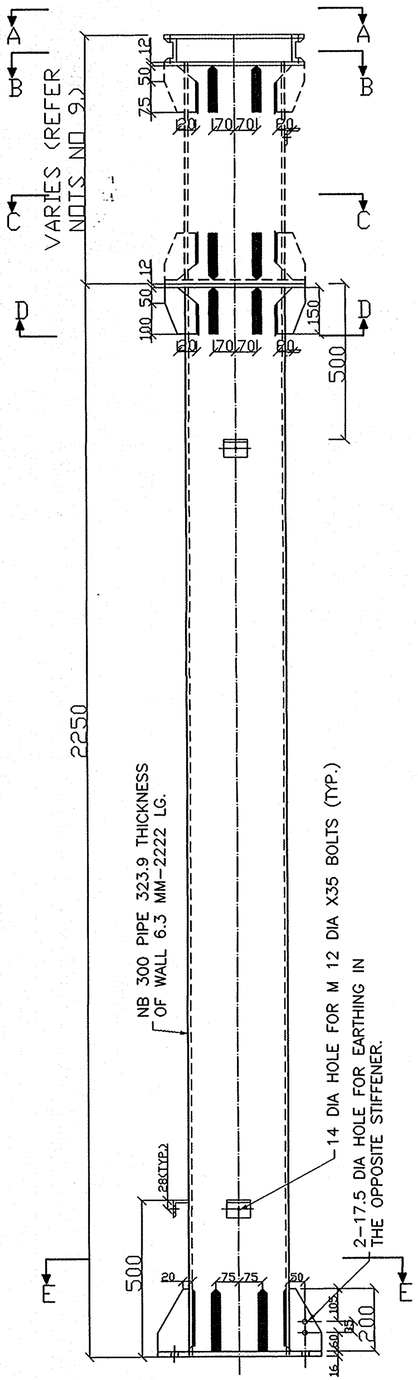
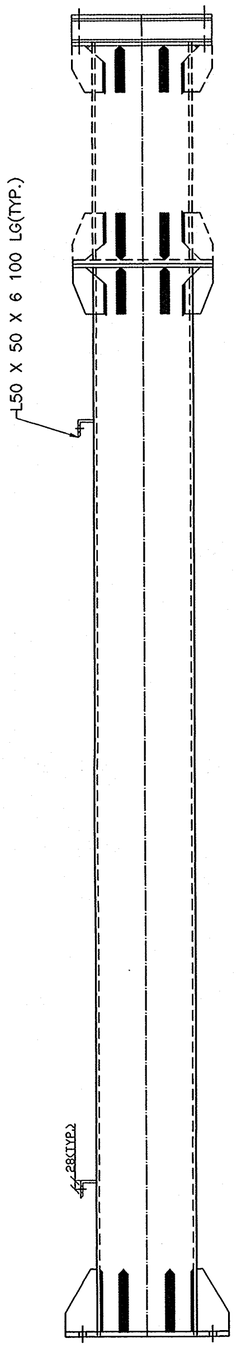
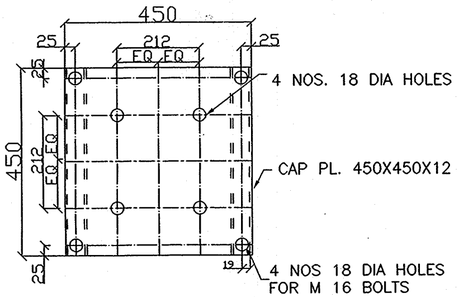


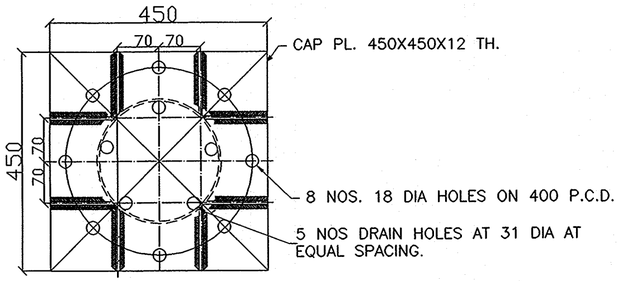
ELEVATION



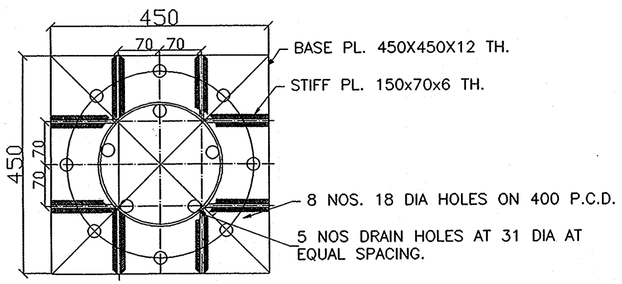
SIDE VIEW



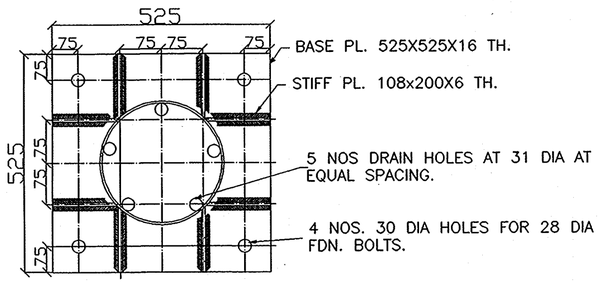
VIEW A-A



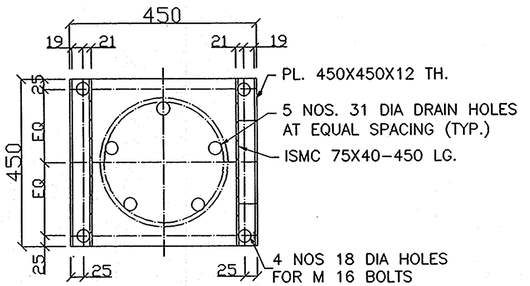
VIEW C-C



VIEW D-D



VIEW E-E



VIEW B-B

DESIGN DATA

DESCRIPTION	MAGNITUDE
WT. OF EQUIPT.	2718 Kg
S.C.F.	360 Kg
HT. OF BUS	5900 MM

NOTES :-

1. ALL DIMENSIONS ARE IN MM UNLESS OTHERWISE SPECIFIED.
2. THE G.I. PIPE SHALL CONFORM TO I.S: 1161-1979, I.S: 210 GRADE.
3. ALL WELDS ARE 6 MM FILLET CONTINEOUS WELD UNLESS OTHERWISE SPECIFIED.
4. WELDING SHALL BE DONE AS PER I.S: 816 (LATEST REVISION) OR ELECTRIC WELDING.
5. EDGE PREPARATION FOR WELDING SHALL BE DONE AS PER I.S: 823 (LATEST REVISION).
6. ALL FABRICATION MATERIALS INCLUDING BOLTS, NUTS AND WASHERS SHALL BE GALVANISED AS PER SPECIFICATION.
7. ALL BOLTS, NUTS AND LOCKNUTS SHALL CONFORM TO REQUIRMENTS OF I.S:. 1367 (LATTEST REVISION)
8. ALL FASTENERS,SPRINGS AND WASHERS SHALL BE FULLY GALVANISED.
9. THE STOOL FOR EQUIPMENT MUST BE OF SUFFICIENT HEIGHT TO ENSURE HEIGHT OF CENTER LINE OFBUS TERMINAL AS 5900 MM FROM PLINTH LEVEL.
10. IN CASE DESIGN DATA AND G.A. OF SUPPORT STRUCTURE DOES NOT MATCH REDESIGN SHALL BE DONE AS PER REQUIRMENTS.
11. FIXING DETAILS OF EQUIPMENTS AND STRUCTURE TO MATCH.

RELEASED FOR TENDER/FABRICATION

REV.	DESCRIPTION	CIVIL	REVD.	REVD.	MECH.	ELEC.	REVD.	APPD.	DATE
		CLEARED BY							

POWER GRID CORPORATION OF INDIA LIMITED
(A Government of India Enterprise)

HIGH WIND ZONE (BASIC WIND SPEED =50 M/Sec.)

PROJECT : STANDARD EQUIPMENT SUPPORT STRUCTURE

TITLE : DETAIL OF 220 KV ISOLATOR SUPPORTING PIPE STRUCTURE

DRAWING NO. C-ENGG-STD-STR - 5011

SCALE 1:100

REV. 0