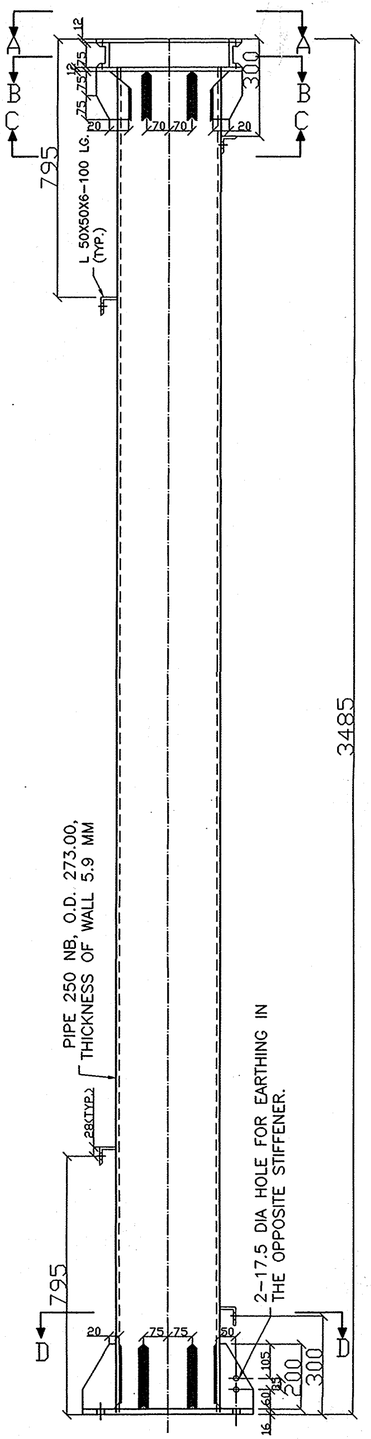
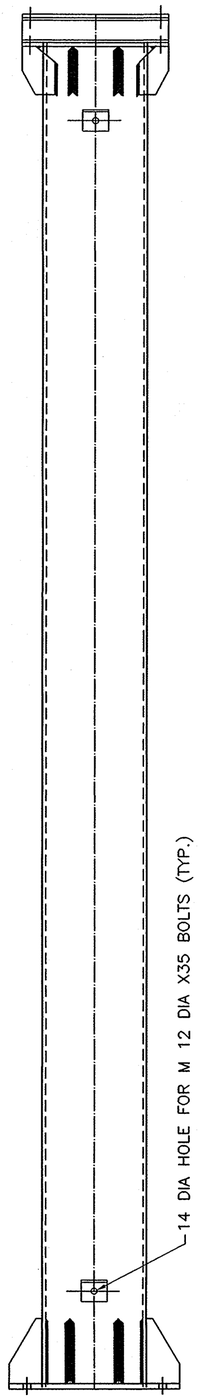
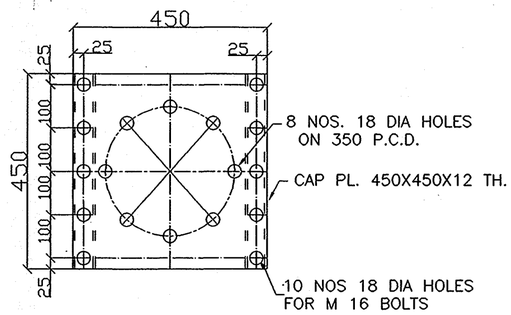


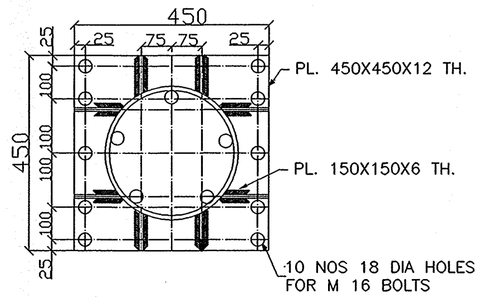
ELEVATION



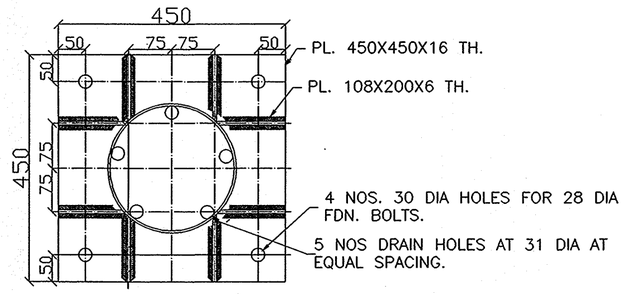
SIDE VIEW



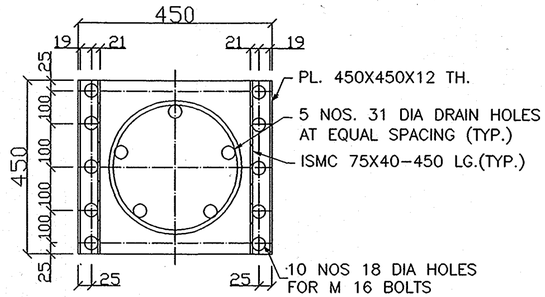
VIEW A-A



VIEW C-C



VIEW D-D



VIEW B-B

DESIGN DATA

DESCRIPTION	MAGNITUDE
WT. OF EQUIPT.	212 Kg
S.C.F.	258 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 6MM FILLET CONTINUOUS 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. IN CASE DESIGN DATA AND G.A. OF SUPPORT STRUCTURE DOES NOT MATCH REDESIGN SHALL BE DONE AS PER REQUIRMENTS.
10. FIXING DETAILS OF EQUIPMENTS AND STRUCTURE TO MATCH.

RELEASED FOR TENDER/FABRICATION

REV.	DESCRIPTION	CIVIL	REVD	REVD	MECH.	ELEC.	REVD.	APPD.	DATE
									29.9.05
		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 B P I SUPPORTING PIPE STRUCTURE

DRAWING NO. C-ENGG-STD-STR - 5007

SCALE 1:100

REV. 0