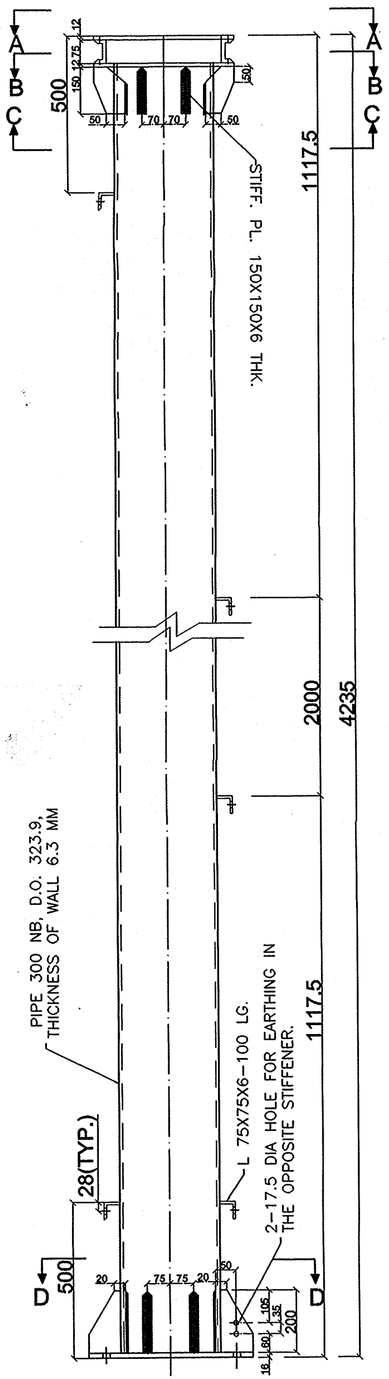
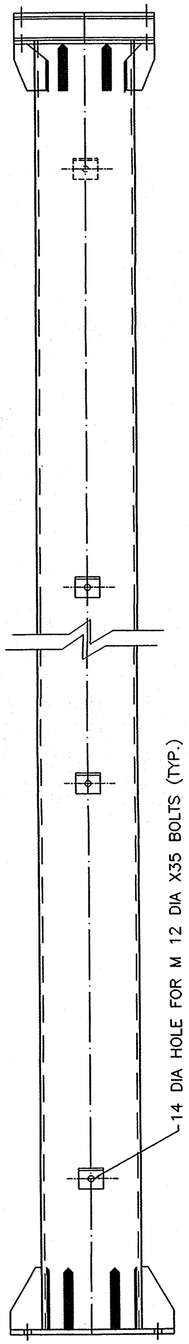
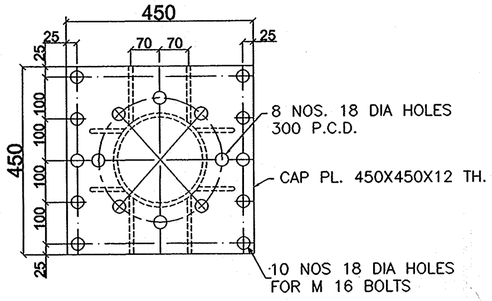


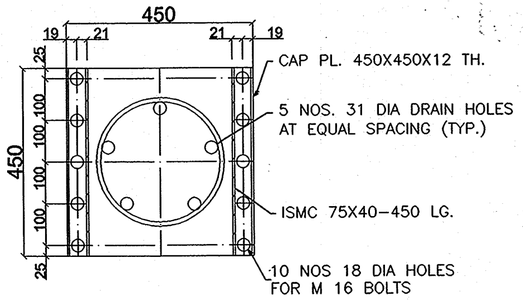
ELEVATION



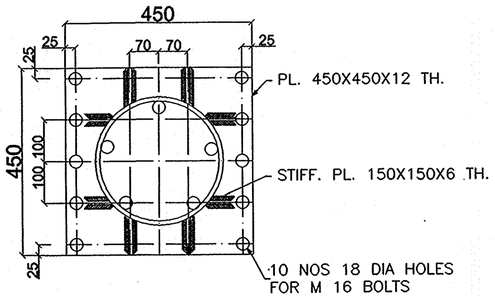
SIDE VIEW



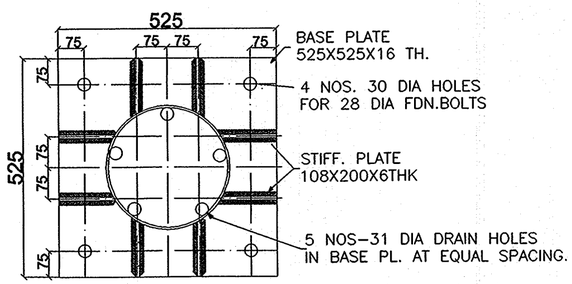
VIEW A-A



VIEW B-B



VIEW C-C



VIEW D-D

DESIGN DATA

DESCRIPTION	MAGNITUDE
WT. OF EQUIPT.	395 Kg
S.C.F.	331 Kg
HT. OF BUS	8000 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
		CLEARED BY							29.9.06

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 400 KV B P I SUPPORTING PIPE STRUCTURE

DRAWING NO. C-ENGG-STD-STR - 5001

SCALE 1:100

REV. 0