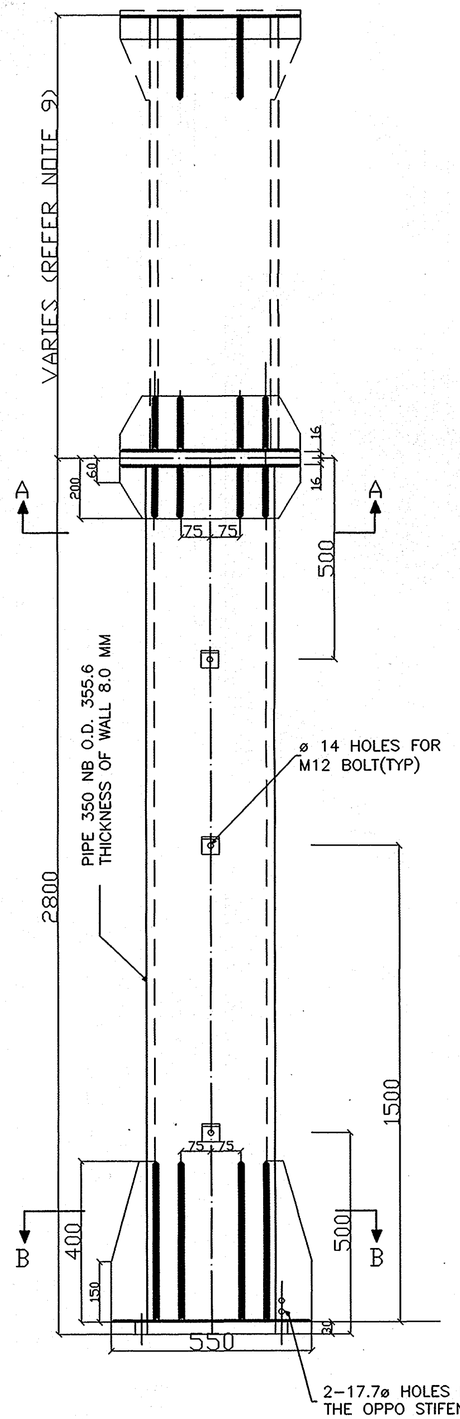
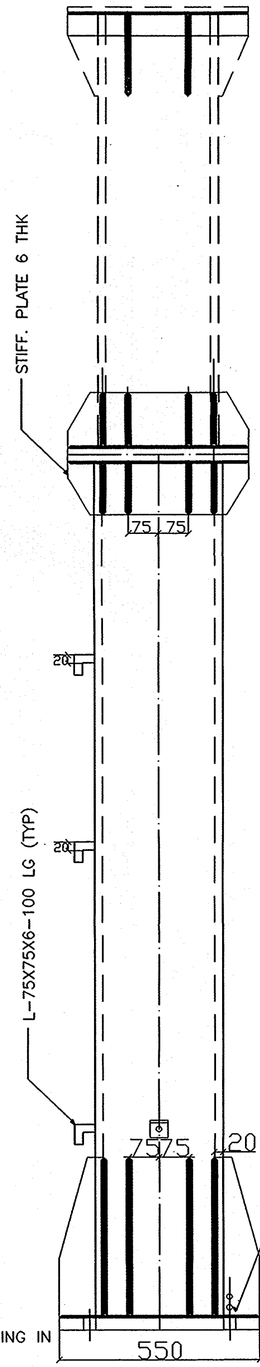
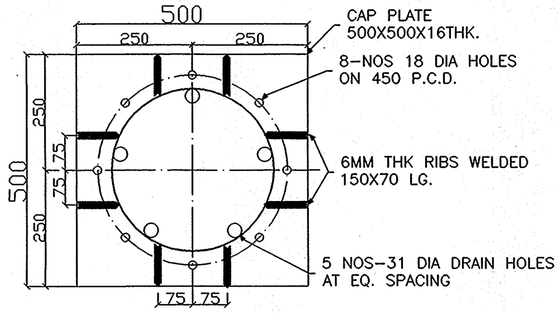


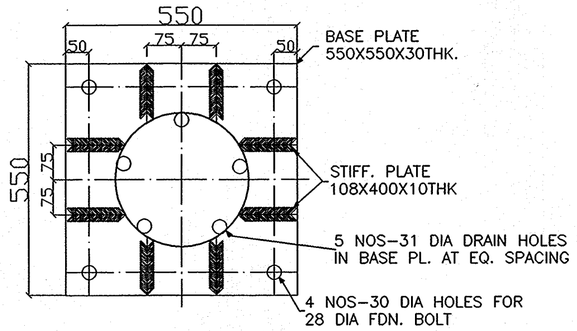
ELEVATION



SIDE VIEW



VIEW A-A



VIEW B-B

DESIGN DATA

DESGRIPTION	MAGNITUDE
WT. OF EQUIPMENT	3000 KG
S.C.F	172 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: 1161-1929, I.S: 210 GRADE.
3. ALL WELD ARE 6MM 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 LOCK NUTS SHALL CONFORM TO REQUIRMENTS OF I.S. 1367 (LATTEST REVISION)
8. ALL FASTENERS,SPRINGS AND WASHERS SHALL BE FULLY GALVANISED.
9. THE STOOL FOR EQUIPMENTS MUST BE OF SUFFICIENT HEIGHT TO ENSURE HEIGHT OF CENTER OF BUS TERMINAL AS 8000 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.

RESLEASED FOR TENDER/FABRIATION

REV.	DESCRIPTION	CIVIL	REVD.	REVD.	MECH.	ELEC.	REVD.	APPD.	DATE
									29.9.06
		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 400 KV CT SUPPORTING STRUCTURE

DRAWING NO. C-ENGG-STD-STR - 5006

SCALE 1:100

REV. 0