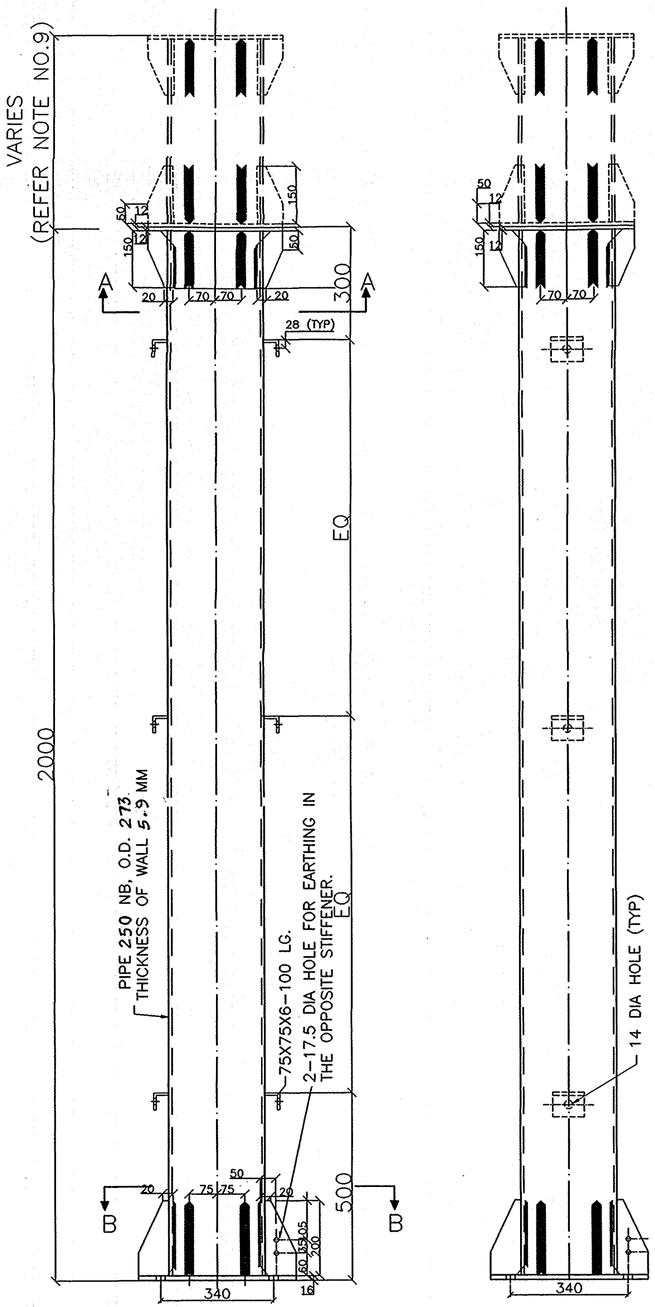
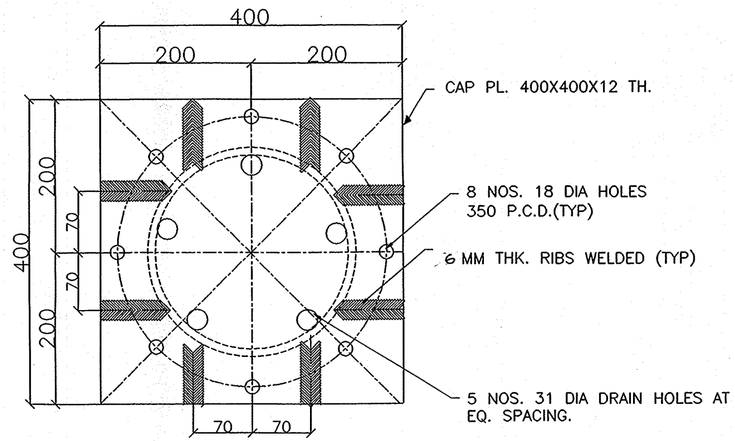
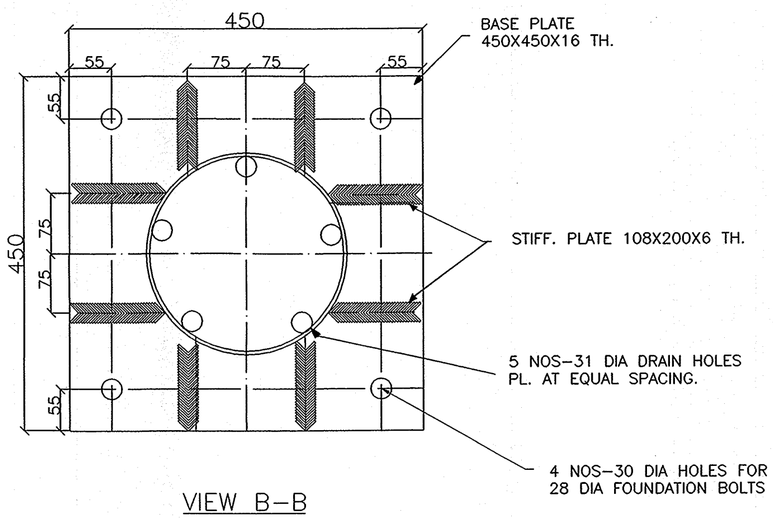


ELEVATION

SIDE VIEW



VIEW A–A



VIEW B–B

DESIGN DATA	
DESCRIPTION	MAGNITUDE
WT. OF EQUIPT.	1350 Kg
S.C.F.	160 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, IS 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 (LATEST 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 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.

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 LA SUPPORTING PIPE STRUCTURE

DRAWING NO. C-ENGG-STD-STR - 5004

SCALE 1:100

REV. 0