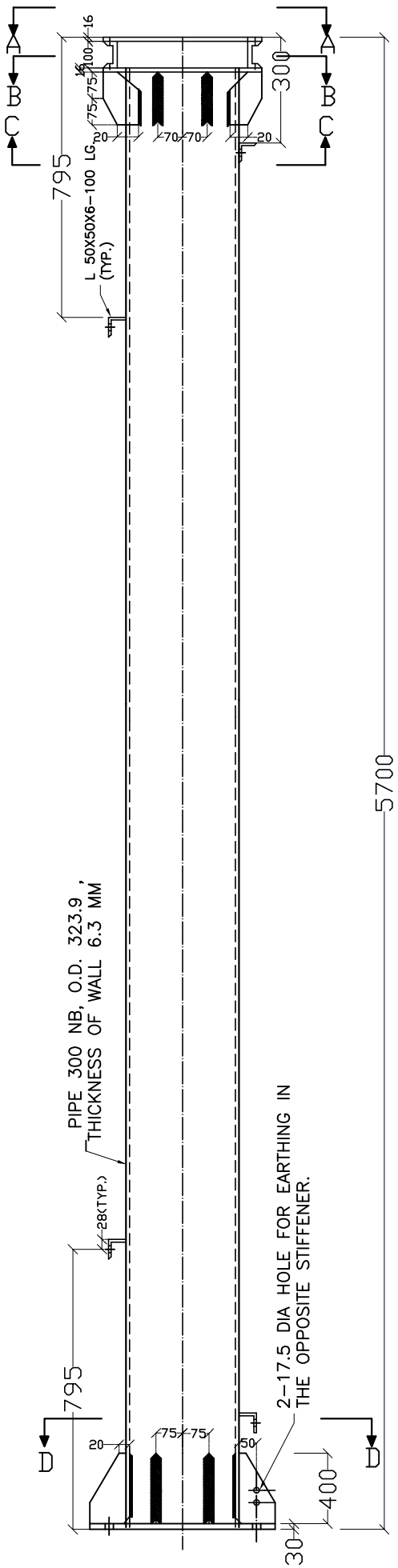
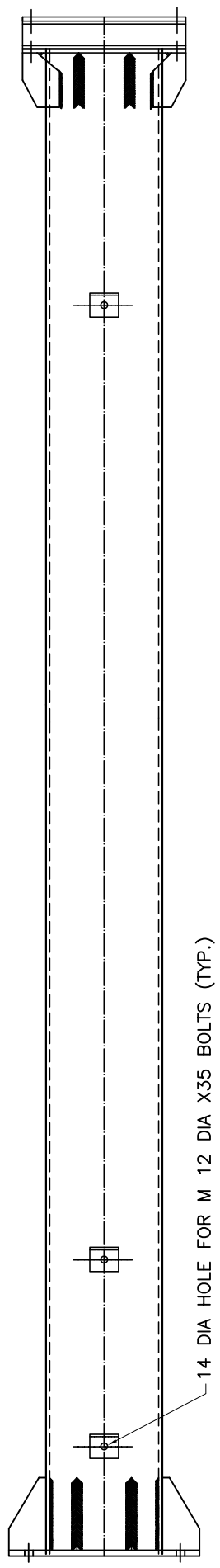
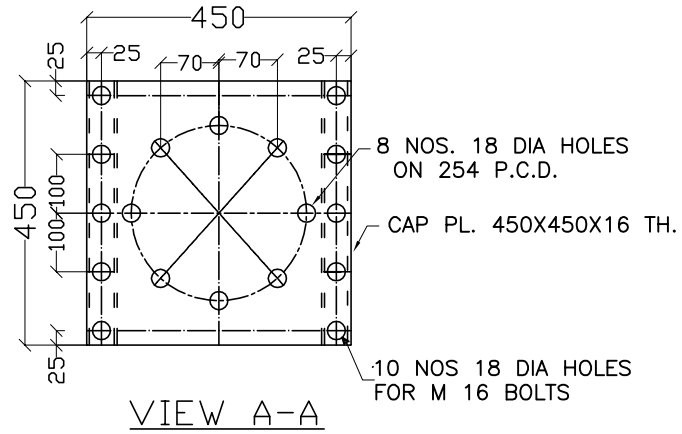


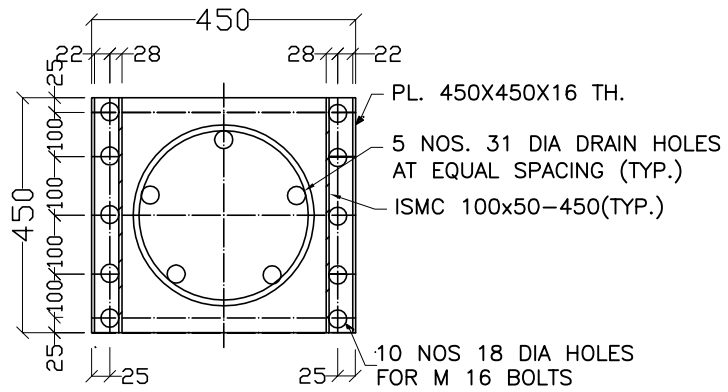
ELEVATION



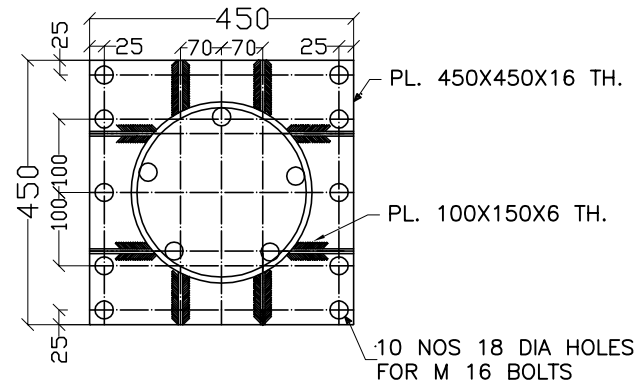
SIDE VIEW



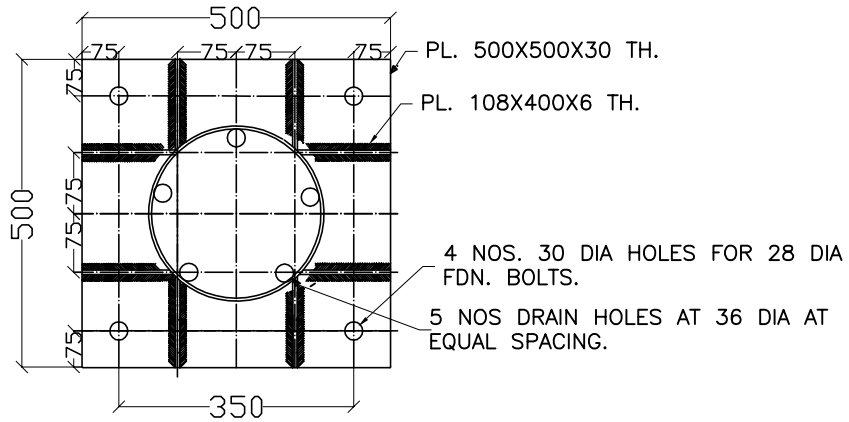
VIEW A-A



VIEW B-B



VIEW C-C



VIEW D-D

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. ACTUAL MOUNTING DETAIL OF EQUIPMENT AND CONNECTION FOR OTHER ACCESSORIES SHALL BE INCORPORATED BY THE CONTRACTOR AND GOT APPROVED BEFORE GOING FOR MASS FABRICATION.
11. IF REQUIRED, STOOL SHALL BE PROVIDED BY THE CONTRACTOR TO MATCH THE TERMINAL HEIGHT.

RELEASED FOR FABRICATION

POWER GRID CORPORATION OF INDIA LIMITED

(A Government of India Enterprise)

PREP BY.	REVD BY. ELEC.	REVD BY.	REVD BY.	APPD BY.	DATE

(BASIC WIND SPEED =50 m/s)

PROJECT: Transformer Package TR 34 for: a) Supply of 1X 500MVA, 420/220/33kV Auto transformer at Bhadla pooling S/s including associated bays, b) Supply of 1X 500MVA, 420/220/33kV Auto transformer at Shujalpur S/s including associated bays. `c) Extension of 220kV Shajhanpur S/s.d) Implementation of 1X 80 MVAR , 765kV Spare Reactor at Bhadla S/s e) Supply of 1X 500MVA, 420/220/33kV Auto transformer at Kohchi S/s f) Supply of 1X 500MVA, 420/220/33kV Auto transformer at Hiriyur S/s.

TITLE: DETAIL OF 220 kV "HBPI" SUPPORTING PIPE STRUCTURE FOR SHAHJAHANPUR

DRAWING NO.: C/ENGG/NR-I/TR-34/ SHAHJAHANPUR/220 kV/HBPI/STR/01

SCALE	REV
1:100	0

D/T.K.SONDHIYA/HIGH LVL EQP 400,220