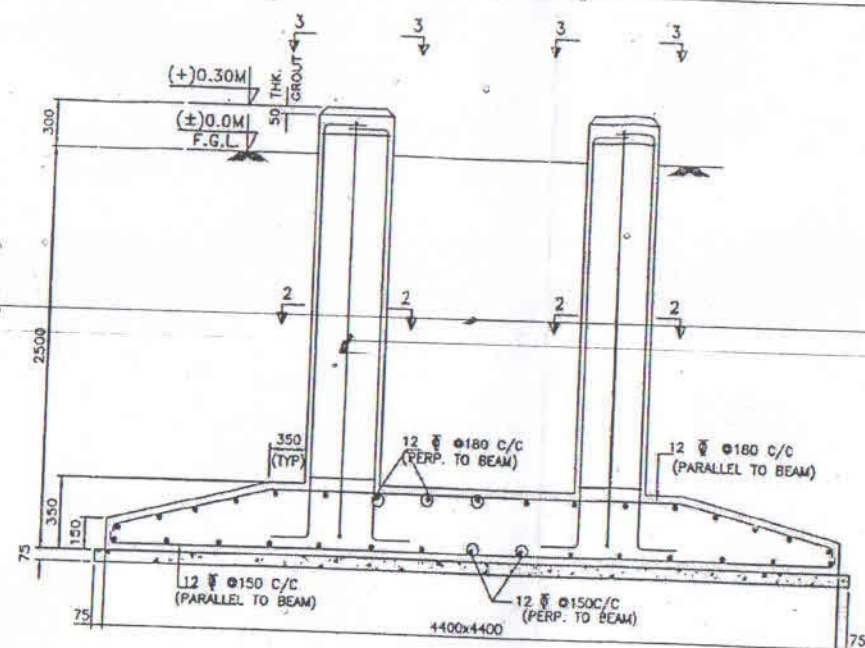
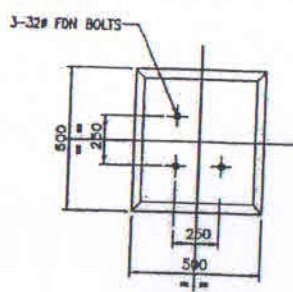


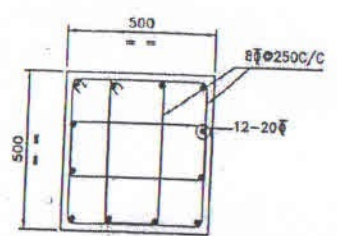
FOUNDATION PLAN



SECTION 1-1



VIEW 3-3



SECTION 2-2

- REFERENCE DRAWINGS:-
1. GA OF TOWER
 2. ELECTRICAL LAYOUT OF SWITCHYARD

NOTES:-

1. ALL DIMENSIONS ARE IN MM & LEVELS IN METERS.
2. ±0.00M SHALL CORRESPOND TO FINISHED GROUND LEVEL OF SWITCHYARD.
3. STRUCTURAL CONCRETE SHALL BE OF GRADE M20 AS PER IS 456 & R/F STEEL OF GRADE Fe 415 AS PER IS4786.
4. LAP LENGTH SHALL BE 47 TIMES THE DIAMETER OF BAR.
5. CLEAR COVER TO ALL REINFORCEMENT SHALL BE AS BELOW:
 - a) FOR FOUNDATIONS = 50MM
 - b) FOR PEDESTALS = 40MM

6. ALL HOOKS, BENDS, LAPS AND SPLICES SHALL BE AS PER IS456(LATEST) & IS2502 (LATEST) UNLESS NOTED OTHERWISE.
7. NO FOUNDATION SHALL REST ON FILLED UP SOIL, MINIMUM DEPTH OF FOUNDATION BELOW VIRGIN GROUND LEVEL SHALL BE 500mm.
8. FOUNDATION BOLT SHALL BE PLACED IN POSITION BEFORE THE CONCRETE IS CAST.
9. IF FOUNDATION BOLTS FAILS, WITH STIRRUPS THE STIRRUPS CAN BE MODIFIED BY SITE TO SUIT THE REQUIREMENT.
10. NOT MORE THAN 50% BAR SHALL BE LAPPED AT ANY SECTION & LAP SHALL BE STAGGERED.
11. WHEN H/D OR FOUNDATION OVER LAPPING WITH MAIN FOUNDATION, GAP SHOULD BE FILLED WITH WELL COMPACTED SAND.
12. FOR DETAIL OF FOUNDATION BOLT, REFER SEPARATE DRAWING.

CUSTOMER	BIHAR STATE POWER TRANSMISSION COMPANY LTD.			
CONTRACTOR				
LDG NO.				
PROJECT				
DRG TITLE	132KV TOWER TYPE '1T8P' FOUNDATION			
DRG NO.	3SPSTCL/132KV/07			
DRS/REF NO.				
SCALE	N.T.S.	JOB NO.	SHEET	01 OF 01

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