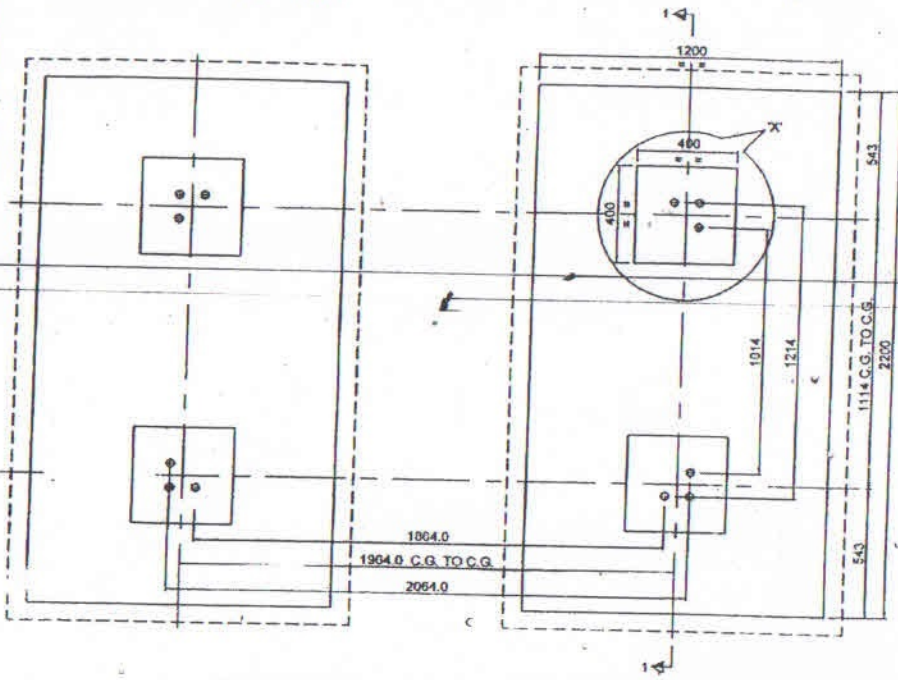
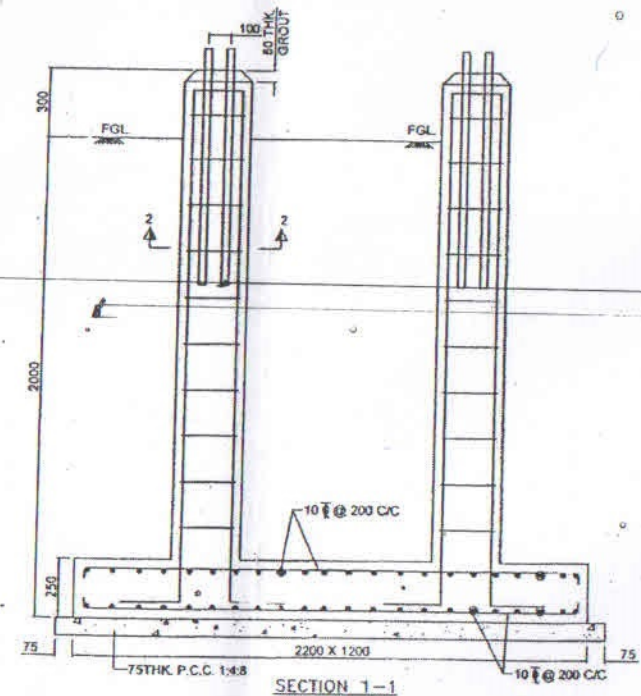


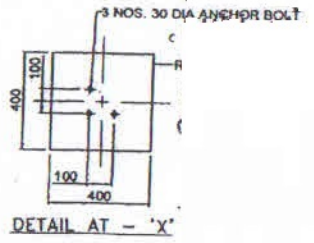
KEL/DEL/EPC 003/PKG-186/CIVIL/FOUN-DRG-033G



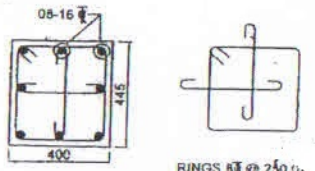
TYP. FOUNDATION PLAN FOR A-FRAME (A3)



SECTION 1-1



DETAIL AT - 'X'



SECTION 2-2

**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 IS:1786.
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 SPICES SHALL BE AS PER IS:456(LATEST) & IS:2502 (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 FOULS 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 MINOR FOUNDATION OVER LAPPING WITH MAIN FOUNDATION, GAP SHOULD BE FILLED WITH COMPACTED SAND.
12. FOR ALL FOUNDATION BOLT, REFER SEPARATE DRAWING.

**REFERENCE DRAWINGS:-**

- 1 G.A OF A-FRAME (A3)
- 2 ELECTRICAL LAYOUT OF SWITCHYARD

CUSTOMER	BIHAR STATE POWER TRANSMISSION COMPANY LTD.		
CONTRACTOR			
LOA NO.			
PROJECT			
DRG. TITLE	FOUNDATION OF 33 KV A-FRAME "A3"		
DRG. NO.	BSPTCL33KV/12		
DRG/REF. NO.			
SCALE	N.T.S.	JOB NO.	SHEET 01 OF 01