

- NOTES:**
1. ALL THE DIMENSIONS ARE IN MILLIMETER AND LEVELS ARE IN METER UNLESS SPECIFIED OTHERWISE.
 2. LVL+0.00 CORRESPONDS TO FGL.
 3. ALL THE LEVELS ARE FROM FGL.
 4. DRAWINGS ARE NOT TO BE SCALED. ONLY WRITTEN DIMENSIONS ARE TO BE FOLLOWED.
 5. ALL DIMENSIONS TO BE CHECKED ON SITE.
 6. ALL EXTERNAL WALLS ARE 150MM THK.UNLESS SPECIFIED OTHERWISE.
 7. IN THE EVENT OF ANY DISCREPANCIES OR DIFFERENCE BETWEEN ANY ARCHITECTURAL DRAWINGS AND STRUCTURAL ENGINEERING DRAWINGS OR SITE CONDITIONS OR OTHERWISE, DRAWINGS OR ANY OTHER IMMEDIATE REF. SHOULD BE MADE TO THE ARCHITECT FOR CLARIFICATIONS PRIOR TO EXECUTION OF WORK.
 8. FOR THE SIZES OF STRUCTURAL MEMBERS OR OTHER TECHNICAL FEATURES REFER RELEVANT DRAWINGS SUPPLIED BY THE STRUCTURAL CONSULTANTS.
 9. WATER PROOFING SHALL BE DONE AS PER SPECIFICATIONS MENTION IN GTS ROOF TREATMENT -2/020010.

10. LEGEND:-

- FGL----- FINISH GROUND LEVEL
- FFL----- FINISH FLOOR LEVEL
- PCC----- PLAIN CEMENT CONCRETE
- C----- COLUMN
- F----- FOOTING
- TB----- THE BEAM
- CL----- CENTER LINE
- EL----- ELEVATION
- TP----- TYPICAL
- T & B----- TOP AND BOTTOM
- C/C----- CENTER TO CENTER
- B/W----- BOTH WAY
- GB----- GROUND BEAM
- NGL----- NATURAL GROUND LEVEL

11. SRC IS CONSIDERED AS 25/ M^{2} AT 2M DEPTH.
12. EXCAVATED EARTH TO BE BACKFILLED WITH COMPACTION IN LAYERS NOT MORE THAN 200 mm.
13. ALL EXCAVATION SHALL BE CARRIED OUT AS PER RELEVANT IS CODES & CONFORMING TO THE SAFETY NORMS.

REINFORCED CONCRETE WORK

(A) CONCRETE:-

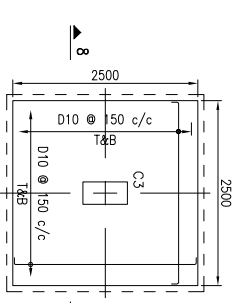
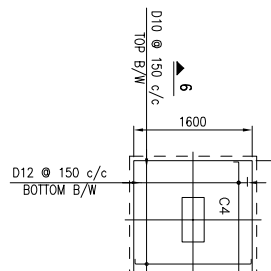
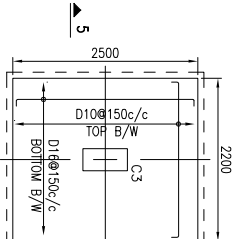
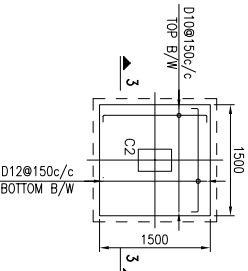
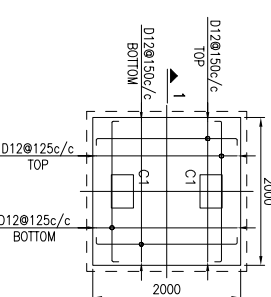
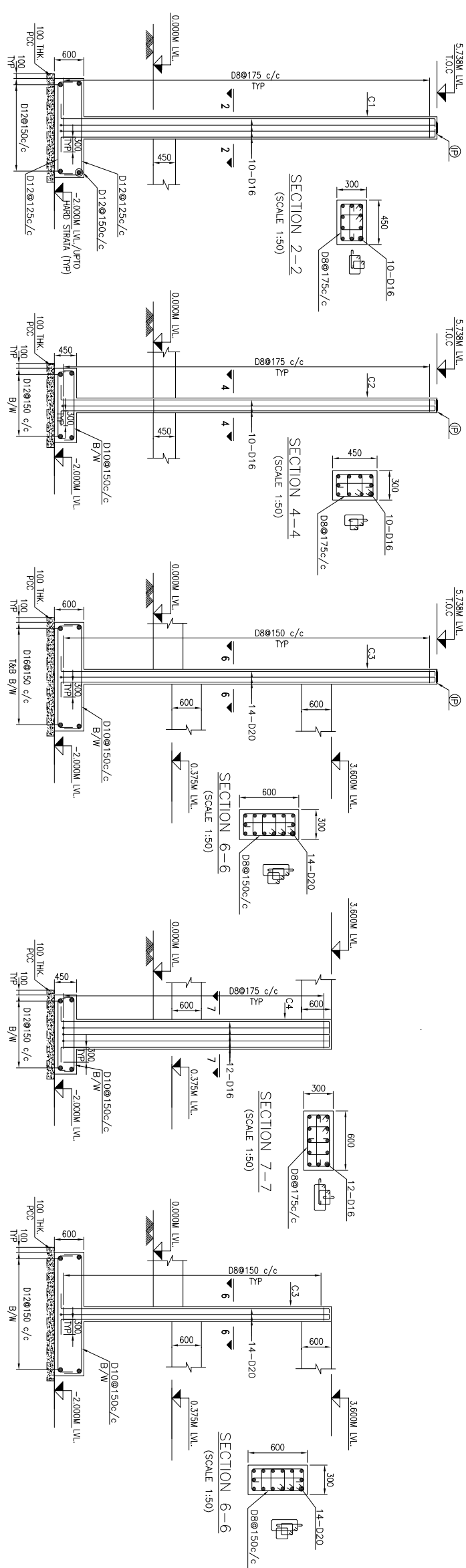
1. ALL R.C.C.WORK SHALL CONFORM TO LATEST IS : 456 : 2000
2. U.N.O. GRADE OF CONCRETE SHALL BE
 - i) PCC - M 15
 - ii) OTHER RCC WORK - M30

(B) REINFORCEMENT STEEL:-

1. ALL REINFORCEMENT STEEL ARE Fe 500

(C) COVER TO MAIN REINFORCEMENT:-

- U.N.O. CLEAR COVER TO REINFORCEMENT INCLUDING STRUPS SHALL BE AS FOLLOWS
1. FOOTING----- 50MM SIDES
 2. COLUMNS----- 40MM, 75MM BOTTOM
 3. BEAMS----- 40MM.
- (D) LAP LENGTH OR DEVELOPMENT LENGTH FOR REINFORCEMENT BARS SHALL BE AS FOLLOWS.**
- i) FOR REINFORCED BARS = 50 x DIA OF BAR
 - ii) NOT MORE THAN 50% BARS SHALL BE SPLICED AT A SECTION. (LOCATION OF SPLICE SHALL BE APPROVED BY SITE ENGINEER)



AXIS CONSULTANTS

STRUCTURAL CONSULTANT:
107, Bldg. NO.2, Sec-3, Millennium
Business Park, Marape, Navi Mumbai-400710
Phone-022 27780733.

PROPOSED GATE & SECURITY CABIN FOR OFFICE BLDG.

CLIENT:
BHEL, MUMBAI

FOUNDATION LAYOUT OF GATE & SECURITY CABIN

FOUNDATION LAYOUT OF GATE & SECURITY CABIN			
DRAWING NO. 170-GAT-R-01		REV 0	
DATE: 15-09-12		APPROVED BY: PPS	
SIGNED BY : VBP		CHECKED BY: VBP	
SCALE : AS SHOWN		DATE: 15-09-12	
DRAWN: VBP		DATE: 15-09-12	