



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 TH EVENT OF ANY DISCRIPANCIES 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-Z/020010.

10. LEGEND:

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

- 11. SBC IS CONSIDERED AS 25T/M AT 2M DEPTH. <sup>2</sup>
- 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 & CONFIRMING 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 STIRUPS SHALL BE AS FOLLOWS

- 1. FOOTING..... 50MM. SIDES  
75MM. BOTTOM
- 2. COLUMNS..... 40MM.
- 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
- NOT MORE THAN 50% BARS SHALL BE SPLICED AT A SECTION. (LOCATION OF SPLICE SHALL BE APPROVED BY SITE ENGINEER)

SWITCH BOARD SCHEDULE

SR.NO.	SWITCH BOARD	HT FRM FLR LVL (+/-0)	NO. OF POINTS	BOARD TYPE
1	SB1	4'-6"	6 CEILING LIGHT PT., 1 FAN POINT, 2 MODULE FAN REGULATOR PT. 2 BOLLARD PT. 1 TUBE LIGHT PT.	12 MODULE
2	SB2	4'-6"	2 CEILING LIGHT PT., 1 FAN POINT, 2 MODULE FAN REGULATOR PT. 1 TUBE LIGHT PT. 1 SLIDING DOOR PT. 1 SECURITY CAMERA	10 MODULE
3	SB3	7'-6"	1 NOS. 15 AMP. PLUG PT. FOR SPLIT A.C.	2 MODULE
4	SB4	3'-0"	1 BURGLAR ALARM . 1 TELEPHONE PT. 1 INTERNET PT. 1 COMPUTER PT. 1 BELL PT. 1 WALL LIGHT PT.	6 MODULE
5	SB5	4'-6"	2 CEILING LIGHT PT. 1 FAN POINT 1FAN REGULATOR PT.	4 MODULE
6	SB6	4'-6"	1 CEILING LIGHT PT. 1 EXHAUST FAN PT.	2 MODULE

PROJECT  
PROPOSED GATE , SECURITY CABIN & TOILET BLOCK FOR OFFICE BLDG.

CLIENT:  
BHEL, MUMBAI

STRUCTURAL CONSULTANT:  
**AXIS CONSULTANTS**  
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PROJECT No.: PROJECTNO.

DRAWING DESCRIPTION

TITLE  
TITLE  
TITLE

DRAWN: DEEPAK	SCALE: NTS	CHECKED BY: CHECKEDBY
DESIGNED BY: DESIGNEDBY	DATE: 22.10.2012	APPROVED BY: APPROVEDBY

DRAWING NO. 170-ELE-A-01	REV. 0
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