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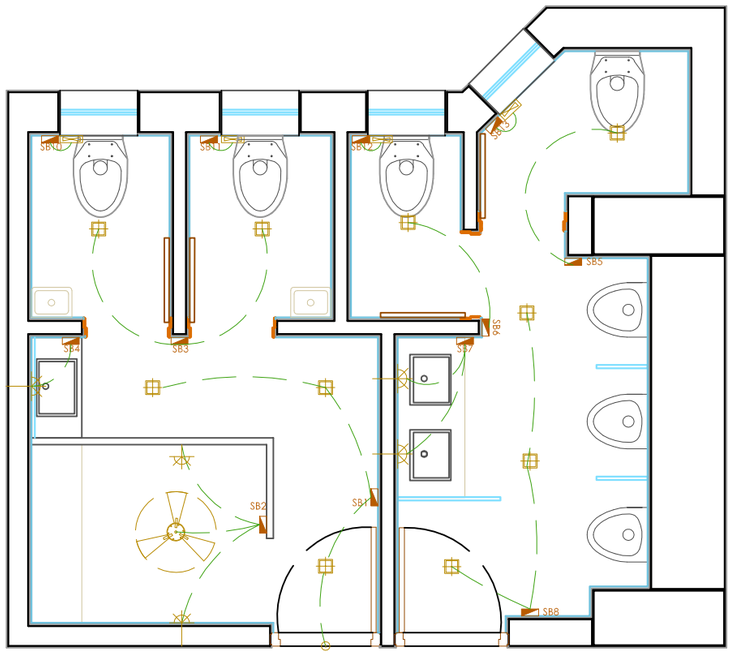
DRAWING No. 170-TOB-A-03



LEGEND	
	SWITCH BOARD
	FAN POINT
	CEILING LIGHT
	WALL LIGHT (HT. 7'-0")
	EXHAUST FAN
	WALL LIGHT (HT. 7'-0")
	SECURITY ALARM

SWITCH BOARD SCHEDULE

SR.NO.	SWITCH BOARD	HT FRM FLR LVL (+/-0)	NO. OF POINTS	BOARD TYPE
1	SB1	4'-6"	3 CEILING LIGHT PT. 1 SECURITY ALARM PT.	4 MODULE
2	SB2	4'-6"	2 WALL LIGHT PT., 1 FAN POINT, 1 MODULE FAN REGULATOR PT.	4 MODULE
3	SB3	4'-6"	2 CEILING LIGHT PT.	2 MODULE
4	SB4	4'-6"	1 WALL LIGHT PT.	1 MODULE
5	SB5	4'-6"	1 CEILING LIGHT PT.	1 MODULE
6	SB6	4'-6"	1 CEILING LIGHT PT.	1 MODULE
7	SB7	4'-6"	2 WALL LING PT.	2 MODULE
8	SB8	4'-6"	3 CEILING LIGHT PT.	4 MODULE
9	SB9	6'-6"	POINT FOR EXHAUST FAN	1 MODULE
10	SB10	6'-6"	POINT FOR EXHAUST FAN	1 MODULE
11	SB11	6'-6"	POINT FOR EXHAUST FAN	1 MODULE
12	SB12	6'-6"	POINT FOR EXHAUST FAN	1 MODULE

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 CHECHKED 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
    - BW—— BOTH WAY
    - GB——· GROUND BEAM
    - NGL—— NATURAL GROUND LEVEL
11. SBC IS CONSIDERED AS 25T/M AT 2M DEPTH. ^{2}
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)

No.	DATE	APPROVED	REVISION
0	05.10.12	PPS	ISSUED FOR TENDER

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

CLIENT:
BHEL, MUMBAI

STRUCTURAL CONSULTANT:
AXIS CONSULTANTS
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Phone-022 27780733.

PROJECT No.: PROJECTNO.

DRAWING DESCRIPTION
TITLE
TITLE
TITLE

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

DRAWING NO. 170-ELE-A-02 REV. 0

COMPUTER ENG. PATH NAME :
INVENTORY No. | SIGN. & DATE | REF. DRG. No.