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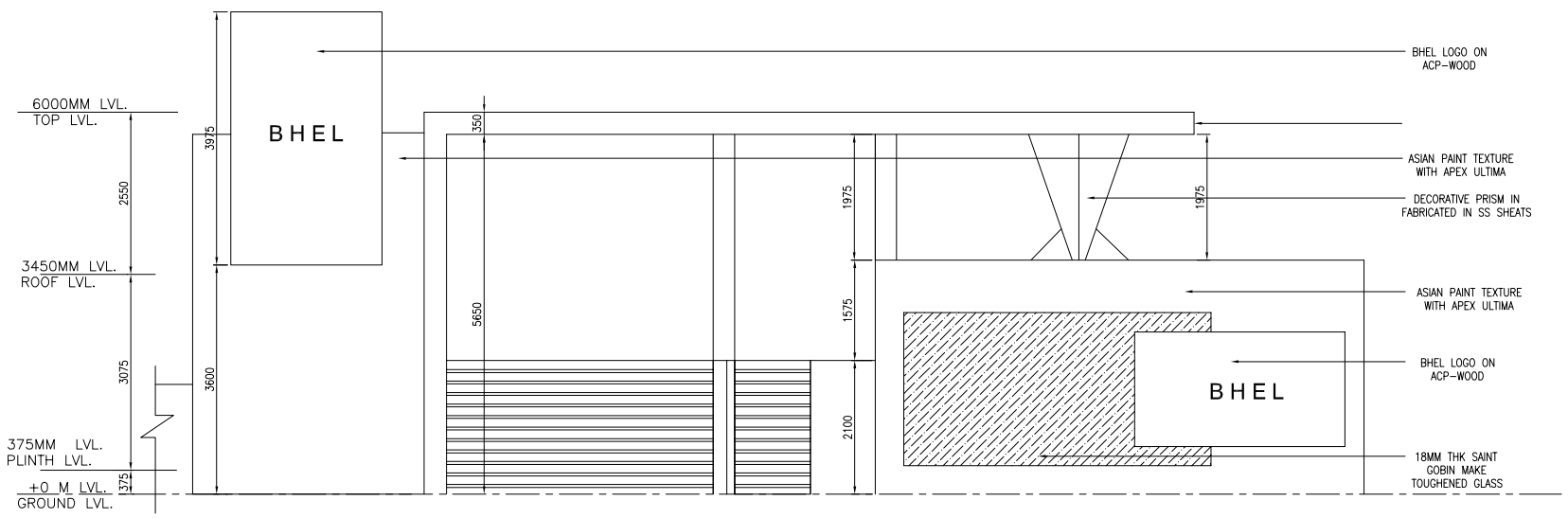
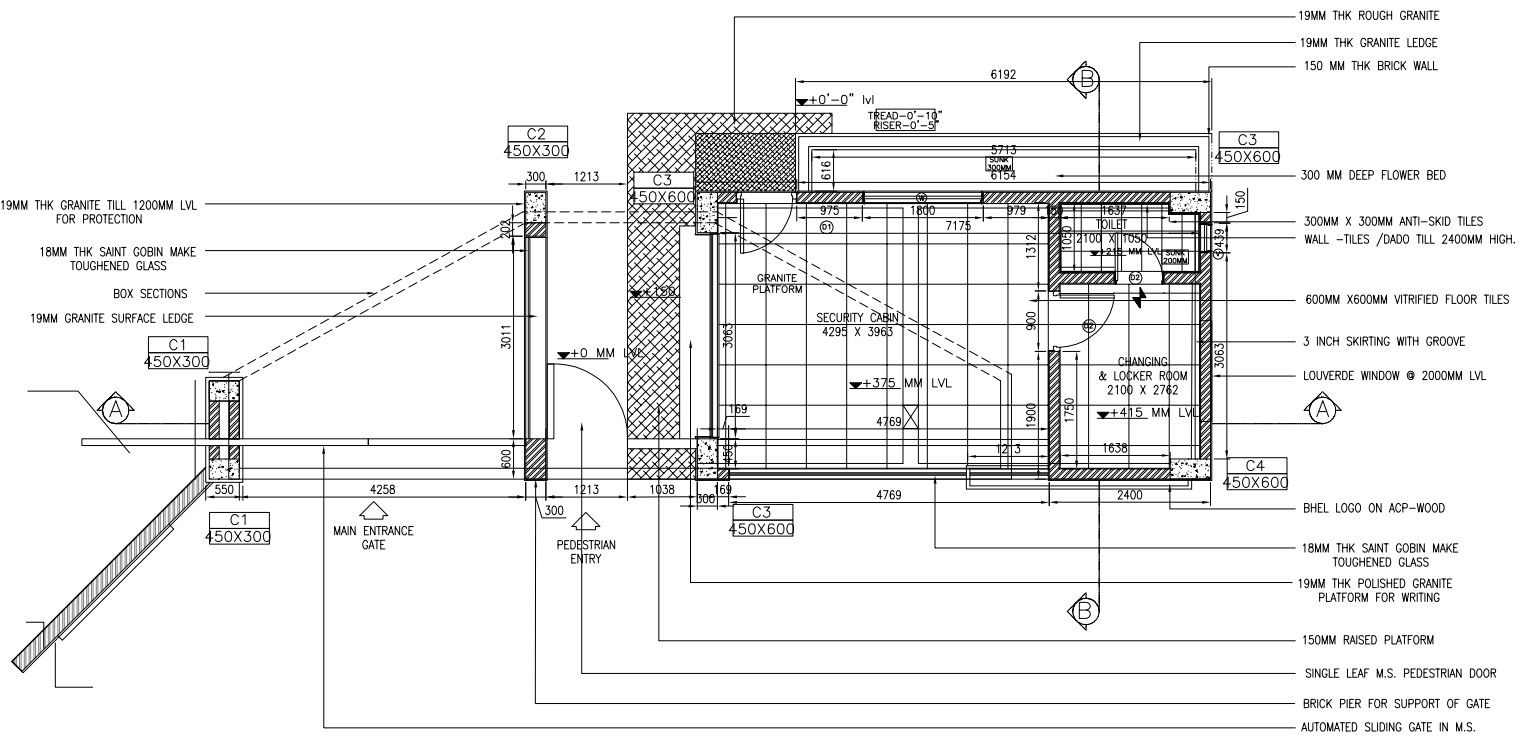
DRAWING No. 170-GAT-A-01

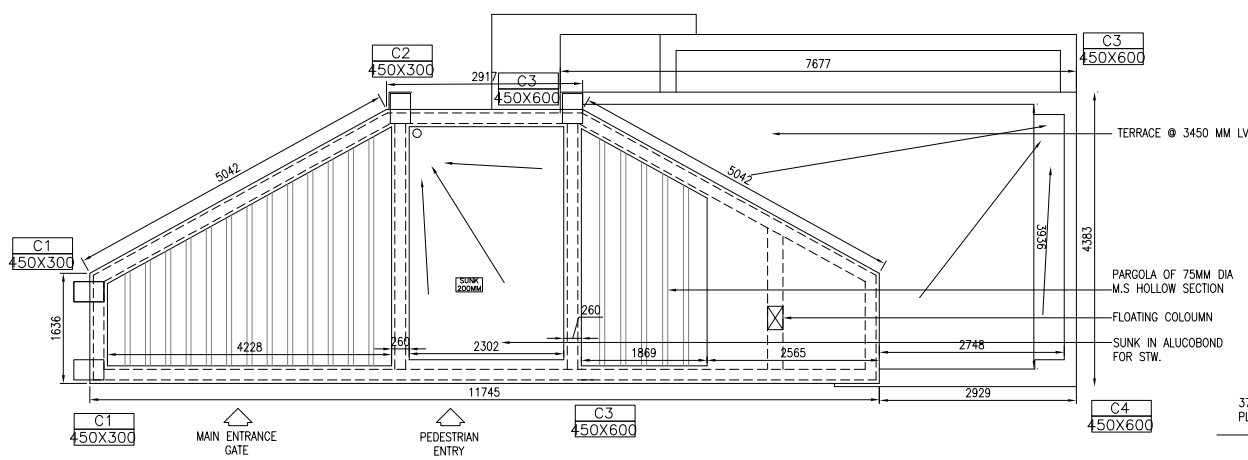


FRONT ELEVATION

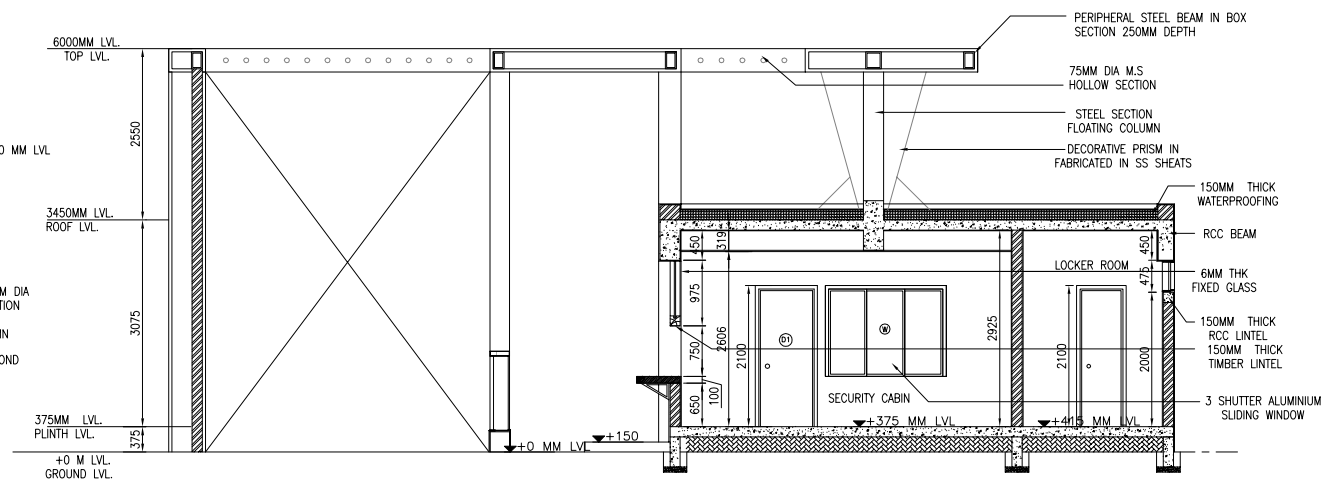


GROUND FLOOR PLAN

SECTION B-B



6M LVL PLAN



SECTION A-A

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
    - B\W--------- BOTH WAY
    - GB--------- GROUND BEAM
    - NGL-------- NATURAL GROUND LEVEL
11. SBC IS CONSIDERED AS 25T/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 & 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	15.09.12	PPS	ISSUED FOR TENDER

PROJECT
PROPOSED GATE & SECURITY CABIN FOR OFFICE BLDG.

CLIENT:
BHEL,MUMBAI

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

PROJECT No.: 170

DRAWING DESCRIPTION
ARCHITECTURAL DETAIL OF GATE & SECURITY CABIN

DRAWN:	SCALE :	CHECKED BY:
NVK	AS SHOWN	VBP
DESIGNED BY :	DATE:	APPROVED BY:
RNB	15.09.12	PPS

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

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