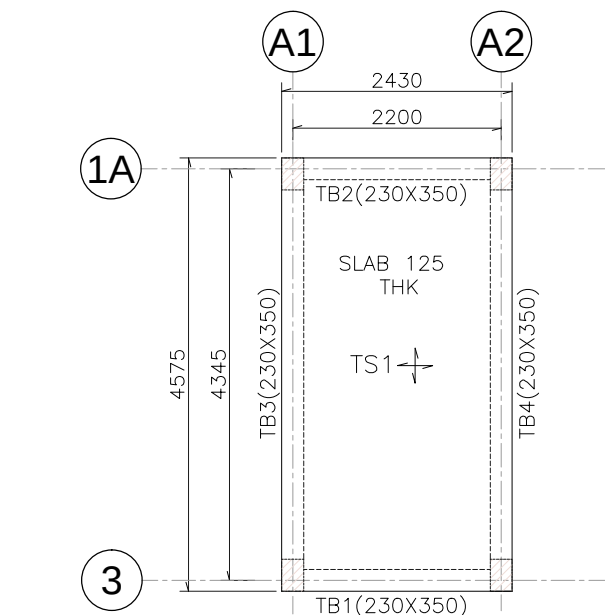
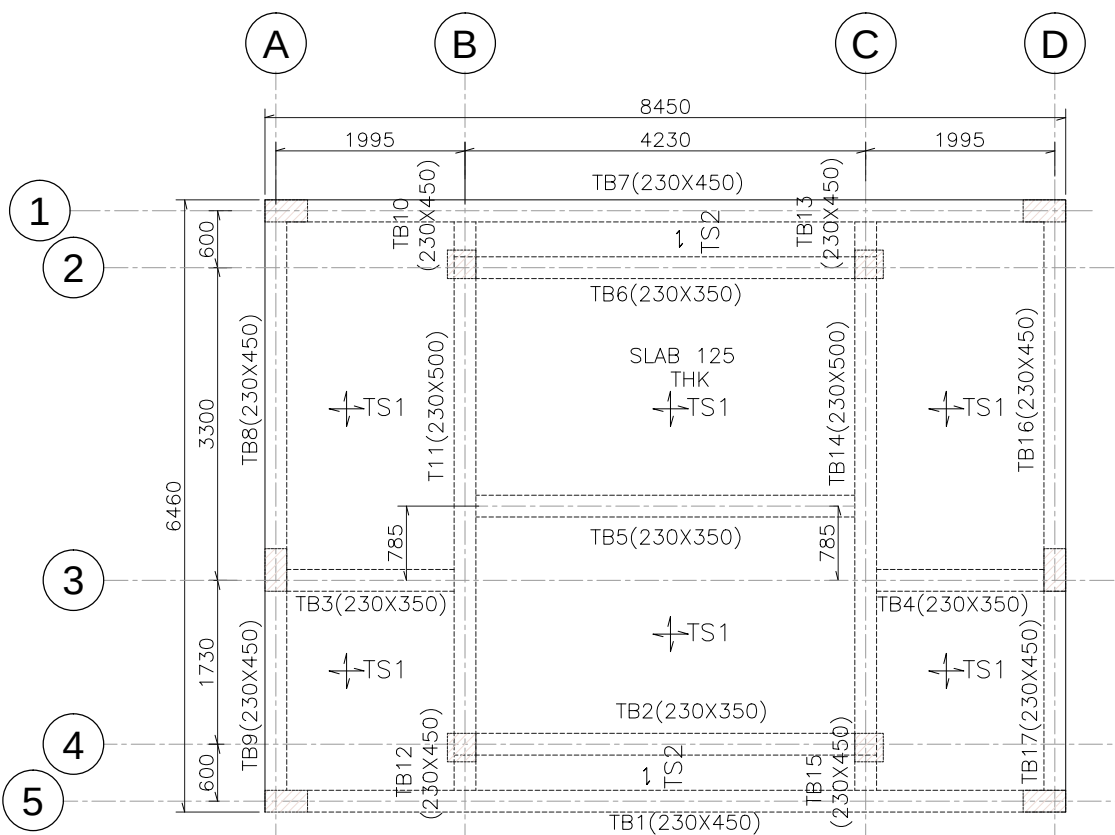


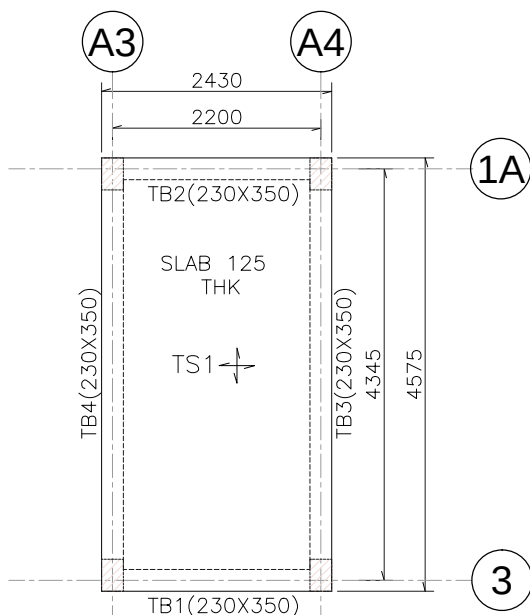
TITLE: GENERAL ARRANGEMENT OF GUARD HOUSE AND CHANGING ROOM
ON SMD TCE.10106A-186-GA-6000



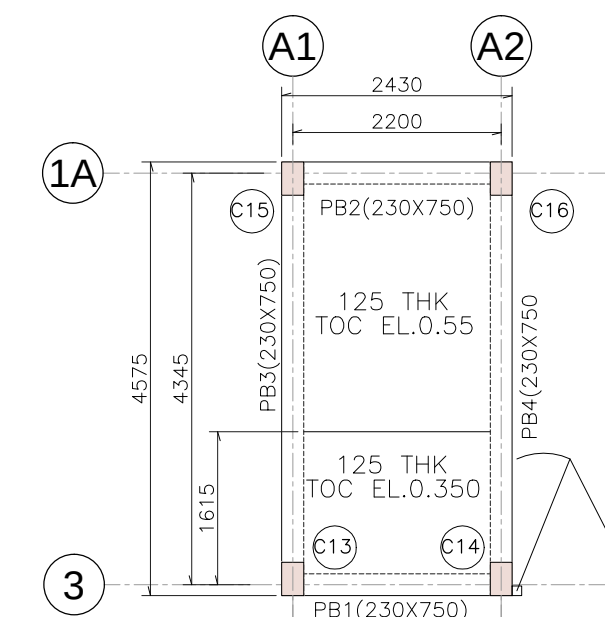
TERRACE BEAM AT TOC TOC EL.3.925
SCALE 1:75



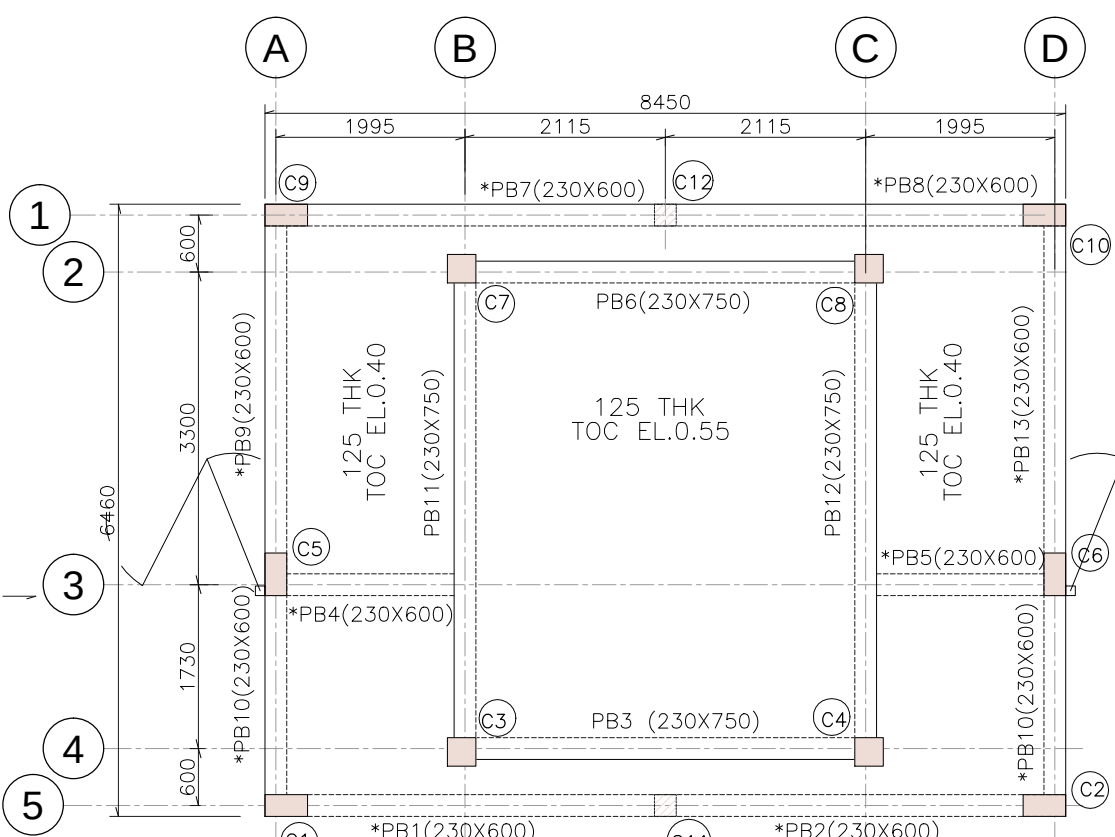
TERRACE BEAM AT TOC EL.3.925
SCALE 1:75



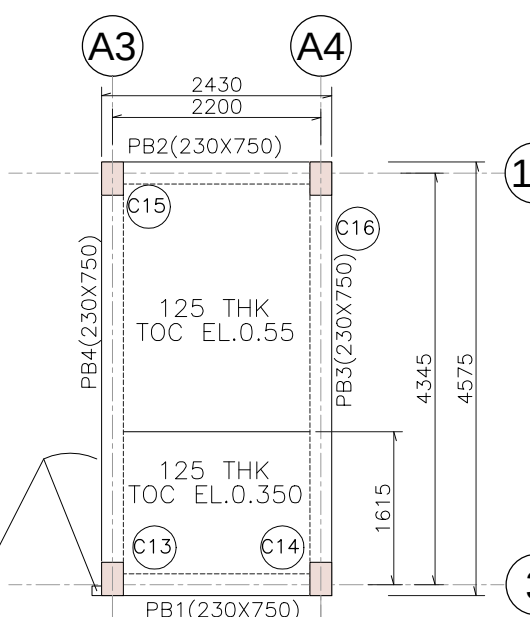
TERRACE BEAM AT TOC TOC EL.3.925
SCALE 1:75



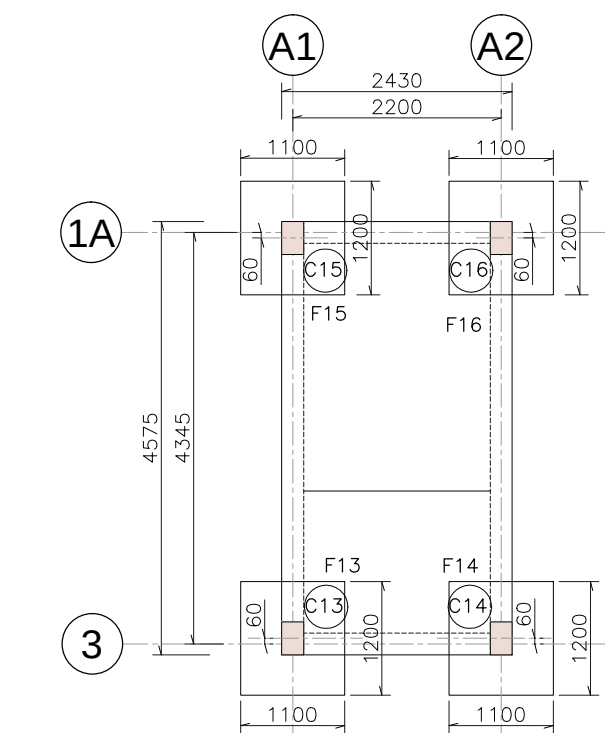
PLINTH BEAM AT TOC EL.0.55
SCALE 1:75



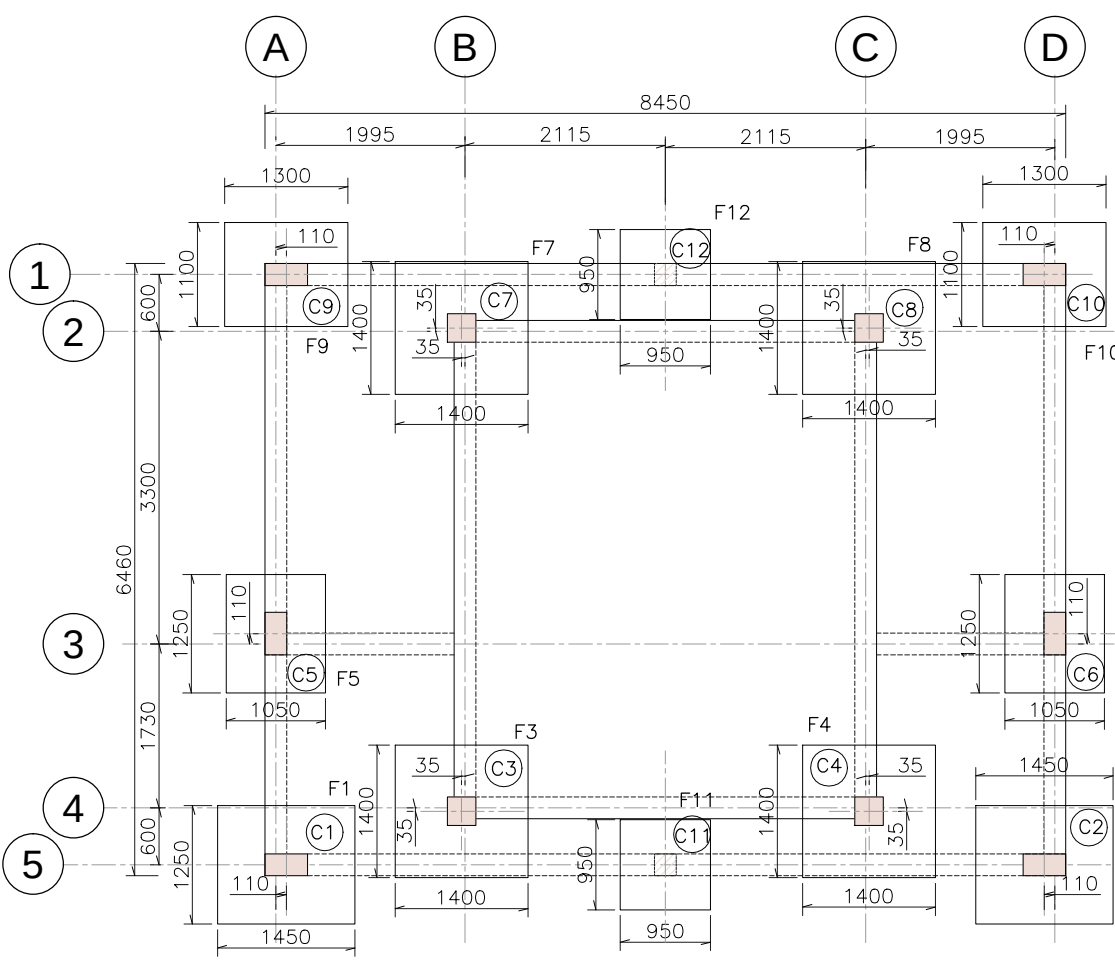
PLINTH BEAM AT TOC EL.0.55
(* TOC EL 0.40)
(COL-11,12 UPTO PLINTH LEVEL)



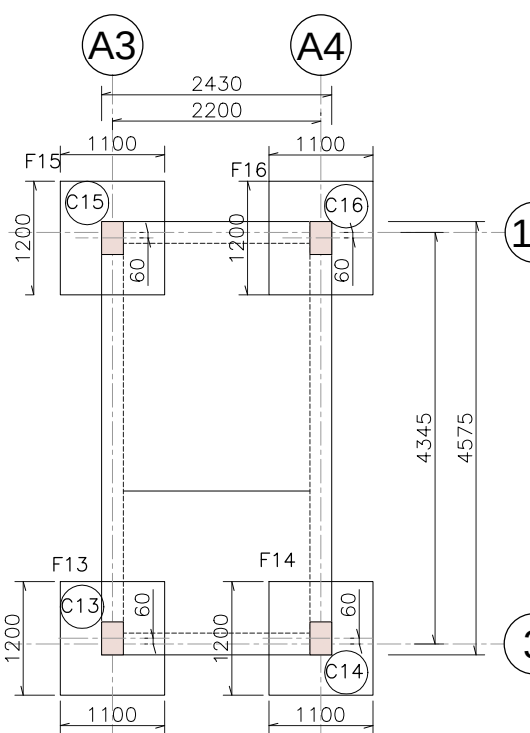
PLINTH BEAM AT TOC EL.0.55
SCALE 1:75



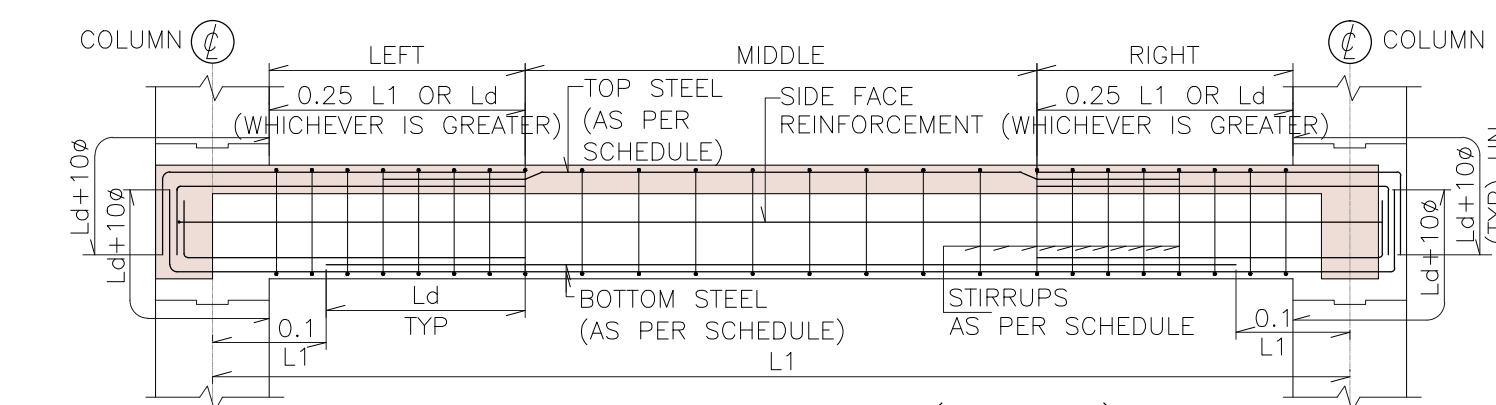
FOUNDATION PLAN
1.5 BELOW G.L.
SCALE 1:75



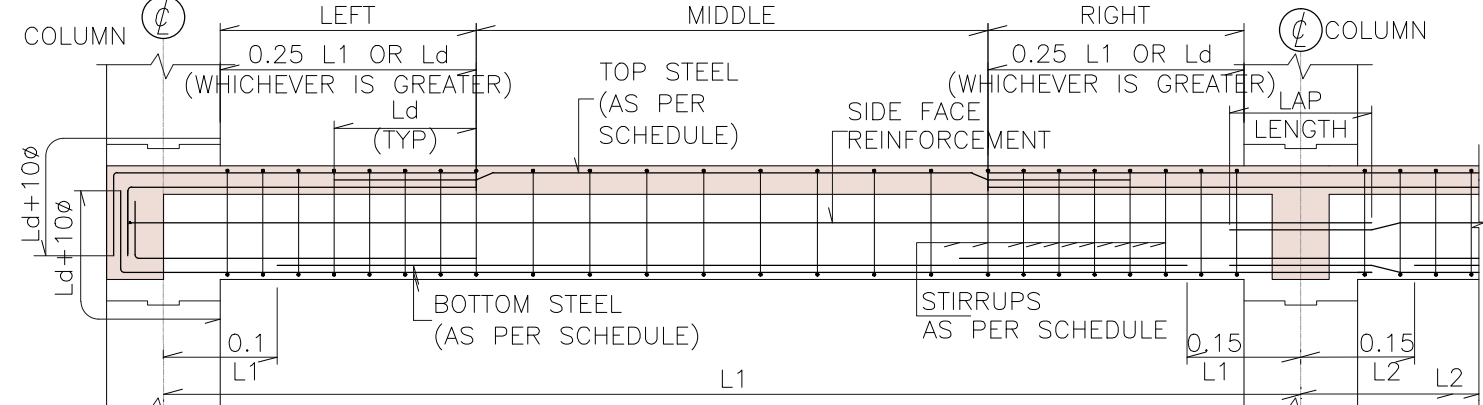
FOUNDATION PLAN
1.5 BELOW G.L.
SCALE 1:75



FOUNDATION PLAN
1.5 BELOW G.L.
SCALE 1:75



BEAM ELEVATION (TYPE-1)



BEAM ELEVATION (TYPE-2)

FOOTING SCHEDULE FOR GUARD ROOM

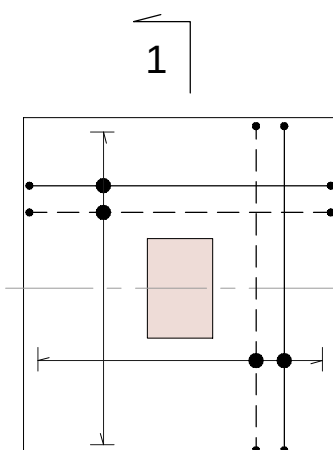
FOOTING NUMBERS	COLUMN NUMBERS	FOOTING TYPE	FOOTING DIMENSION			
			L	B	D1	D2
F1, F2	C1, C2	Pad	1450	1250	300	-
F3,F4	C3,C4	Pad	1400	1400	325	-
F5,F6	C5,C6	Pad	1250	1050	300	-
F7,F8	C7,C8	Pad	1400	1400	325	-
F9,F10	C9,C10	Pad	1300	1100	300	-
F11, F12	C11,C12	Pad	950	950	300	-

SCHEDULE FOR COLUMN

COLUMN NUMBERS	SIZE		REMARKS
	B	D	
C1, C2, C5, C6, C9, C10	230	450	-
C3, C4, C7, C8	300	300	-
C11,C12	230	230	-
C13, C14, C15, C16	230	350	-

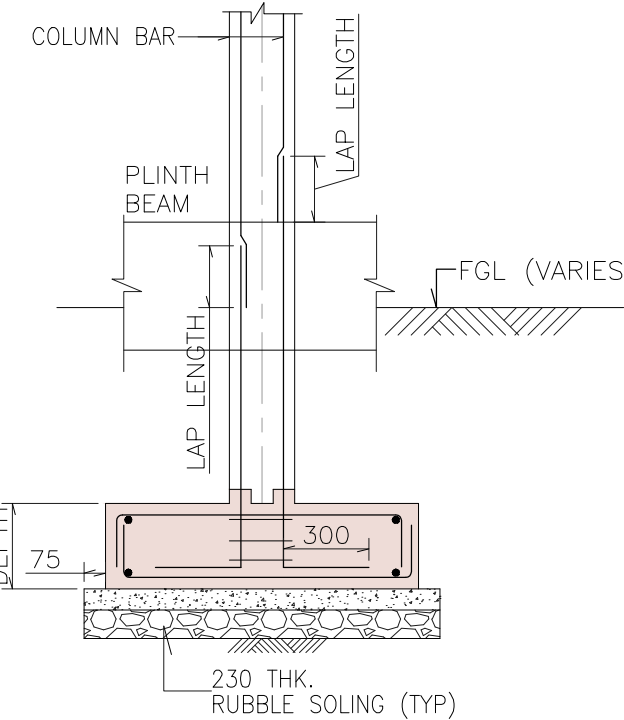
FOOTING SCHEDULE FOR CHANGING ROOM

FOOTING NUMBERS	COLUMN NUMBERS	FOOTING TYPE	FOOTING DIMENSION			
			L	B	D1	D2
F13, F14, F15, F16	C13, C14, C15,C16	Pad	1200	1100	300	-



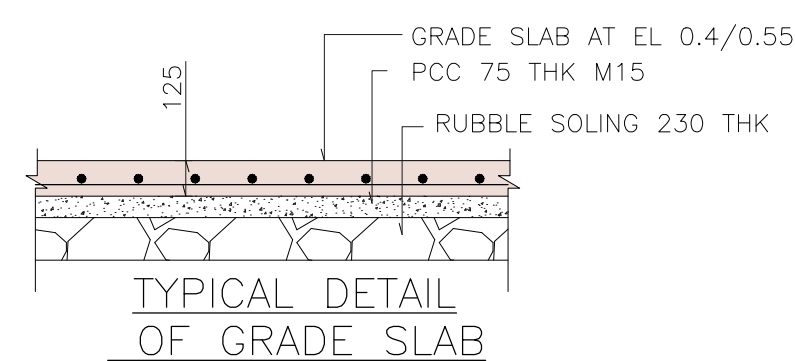
TYPICAL PLAN OF FOOTING
FOR TOP & BOTTOM
REINFORCEMENT

SCALE 1:25



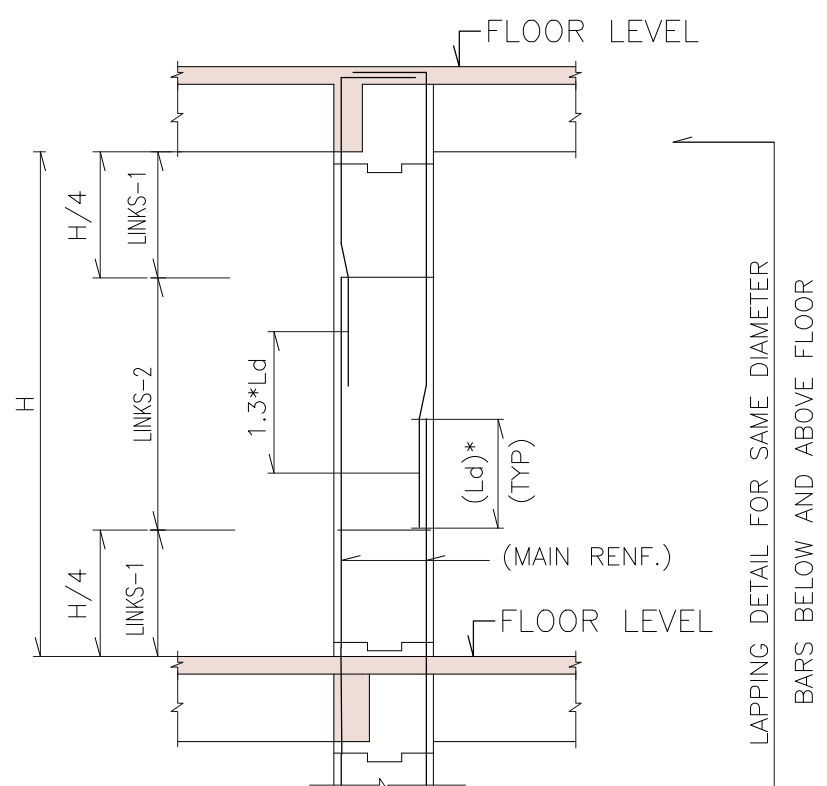
SECTION 1-1

1:25



TYPICAL DETAIL
OF GRADE SLAB

SCALE 1:25



LAPPING DETAIL FOR
COLUMN OF SAME SIZE

* (Ld) LAP LENGTH OF 50 TIMES DIAMETER OF SMALLER
OF THE TWO BARS TO BE LAPPED
NOTE: ONLY TWO BARS SHOWN FOR CLARITY

LEGEND:-

GL ——— GROUND LEVEL
TYP ——— TYPICAL
THK ——— THICKNESS
C1 ——— COLUMN
F1 ——— FOOTING
Q ——— CENTER LINE
MIN. ——— MINIMUM
D1 ——— DEPTH
TOC ——— TOP OF CONCRETE
FGL ——— FINISHED GROUND LEVEL

NOTES:-

- ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS ARE IN METRES, UNLESS OTHERWISE NOTED.
- ALL THE DIMENSIONS SHALL BE CHECKED AND VERIFIED AT SITE.
- DRAWING SHALL NOT BE SCALED, WRITTEN DIMENSIONS SHALL BE FOLLOWED.
- ALL STRUCTURAL CONCRETE SHALL BE OF M25 GRADE WITH 20MM DOWNGRADED COARSE AGGREGATES.
- REINFORCEMENT STEEL SHALL BE HIGH STRENGTH DEFORMED BARS (HYSD) OF GRADE Fe 500D CONFORMING TO IS-1786.
- ANY DISCREPANCY SHALL BE REPORTED TO ENGINEER AND RESOLVED PRIOR TO THE COMMENCEMENT OF WORK.
- CLEAR COVER TO MAIN REINFORCEMENT SHALL BE AS FOLLOW.
FOOTING-----50MM
PLINTH BEAM -----40MM
GENERAL BEAM ----- 30MM
COLUMN -----40MM
- ENSURE SBC OF 15 T/M SQM. AT 1.5M BELOW GL.
- IF REQUIRED SBC IS NOT AVAILABLE AT A MENTIONED DEPTH , APPROVAL OF DESIGN ENGINEER SHALL BE OBTAINED PRIOR TO THE COMMENCEMENT OF WORK.
- THE CONTRACTOR SHALL PROCURE PORTLAND POZZOLANA CEMENT (PPC) CONFORMING TO IS:1489 (PART-1)

ENGINEERING REFERENCE DRAWINGS:-

GUARD HOUSE PLAN , ELEVATION AND SECTION
-----TCE.10106A-100-AC-5427
BOUNDARY WALL PLAN , ELEVATION AND SECTION
-----TCE.10106A-100-AC-5428
ENTRANCE GATE PLAN , ELEVATION AND SECTION
-----TCE.10106A-100-AC-5429

CONSTRUCTION REFERENCE DRAWING:-

BOUNDARY WALL DETAILS ----- TCE.10106A-100-GA-6001

DO NOT SCALE

FOR TENDER

OFFICE OF THE DEVELOPMENT COMMISSIONER
(MSME), MINISTRY OF MICRO, SMALL AND MEDIUM
ENTERPRISES, GOVERNMENT OF INDIA

GENERAL ARRANGEMENT OF GUARD HOUSE
AND CHANGING ROOM

TATA CONSULTING ENGINEERS LIMITED
MUMBAI

SCALE: AS SHOWN
APPROVED
DATE (RO ISSUE)
DATE (CURRENT ISSUE)
25-01-2016
DRN: SVD
DWG TCE.10106A-186-GA-6000
ISSUE P1
CHD:

FOR RO ISSUE ONLY

CLEAR	ISSUE
DISC.	SIGNATURE
CIVIL	DATE
ELEC	
I&C	
MECH	

FILE NAME: F-041-Rev-R5.dwg

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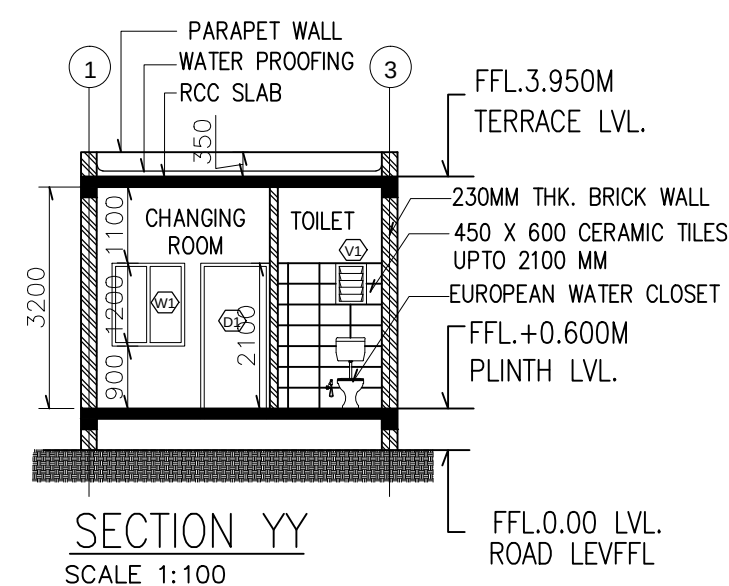
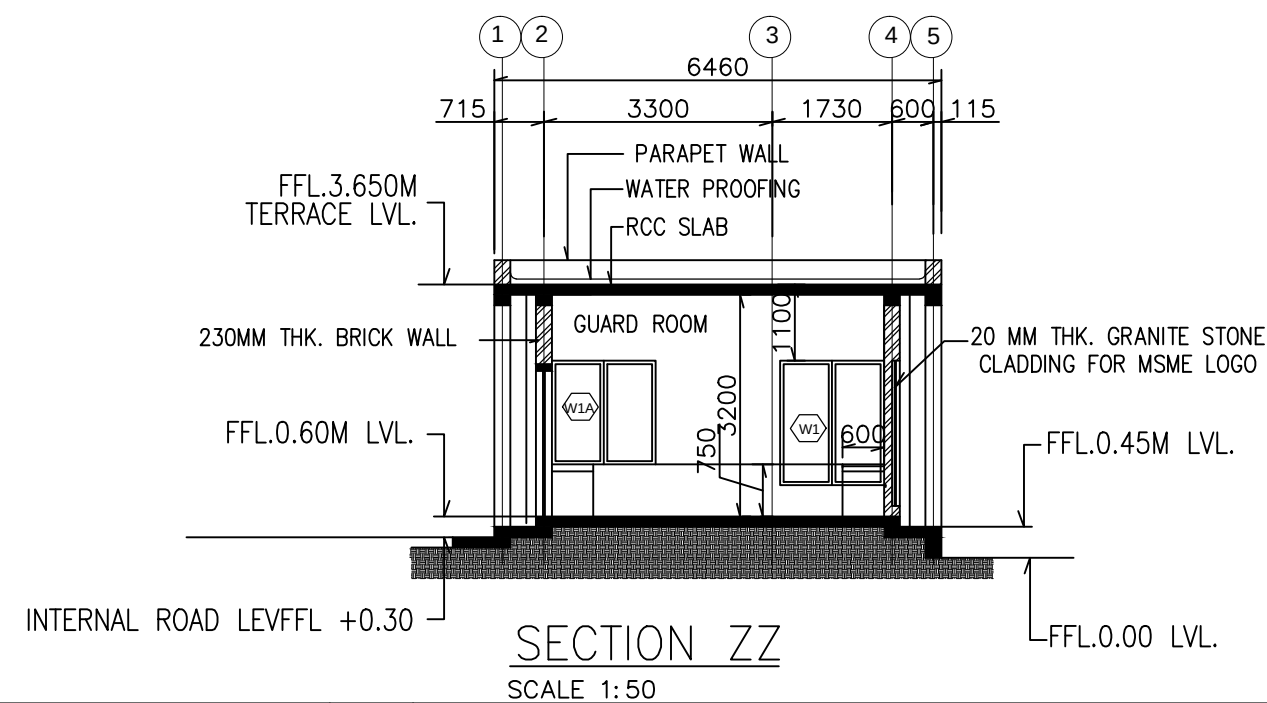
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TCE FORM NO. 041 R5



SCHEDULE OF DOORS & WINDOWS			
Item	Size	Description	Nos
D	1000X2100	METAL DOOR FRAMES	3
D1	750X2100	METAL DOOR FRAMES	2
W1	1500X1800	ALUMINIUM WINDOWS (FIXED) WITH TEMPERED GLASS WITH 4 MM SLIT IN GLASS AT BOTTOM	2
W2	1000X1800	ALUMINIUM WINDOWS (FIXED) WITH TEMPERED GLASS WITH 4 MM SLIT IN GLASS AT BOTTOM	2
W1A	1500X1800	ALUMINIUM WINDOWS (OPENABLE) WITH TOUGHENED GLASS	2
W2A	1000X1800	ALUMINIUM WINDOWS (OPENABLE) WITH TOUGHENED GLASS	4
V1	450 X 600	AL VENTILATOR WITH LOUVERS	2

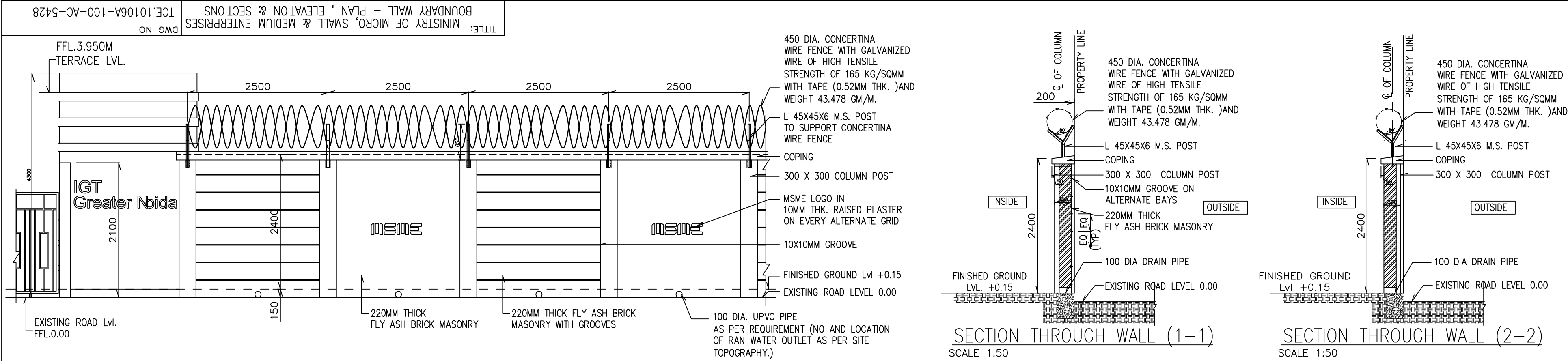
1. ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS IN METERS UNLESS NOTED OTHERWISE.
2. F.F.L. 0.00 CORRESPONDS TO EXISTING ROAD LEVEL.
3. DO NOT SCALE THE DRAWING
4. ANY DISCREPANCY IN THE DRAWING SHALL BE BROUGHT TO THE IMMEDIATE NOTICE OF ARCHITECT, PRIOR TO EXECUTION OF WORK
5. ALL FLOOR ELEVATIONS MENTIONED ARE FINISHED FLOOR LEVELS
6. REFER SPECIFICATION BEFORE EXECUTION OF ANY ITEM
7. ALL ROAD WORKS/ PAVEMENTS/ HARDSCAPE AS PER RELEVANT DRAWINGS/ DETAILS

1. TCE.10106A-100-AC-5428- PLAN, FFLEVATION & SECTION OF BOUNDARY WALL

DO NOT SCALE		FOR TENDER PURPOSE	
OFFICE OF THE DEVELOPMENT COMMISSIONER (MSME) MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES GOVERNMENT OF INDIA.			
GUARD HOUSE – PLAN , ELEVATION & SECTION			
 TATA CONSULTING ENGINEERS LIMITED MUMBAI			
SCALE: AS SHOWN	APPROVED		DATE (RO ISSUE)
DEL.CENTRE-DISC:MUM-AC			DATE (CURRENT ISSUE) 25-11-2016
DRN: SR			
CHD:	DWG NO	TCE.10106A-100-AC-5427	ISSUE P 1

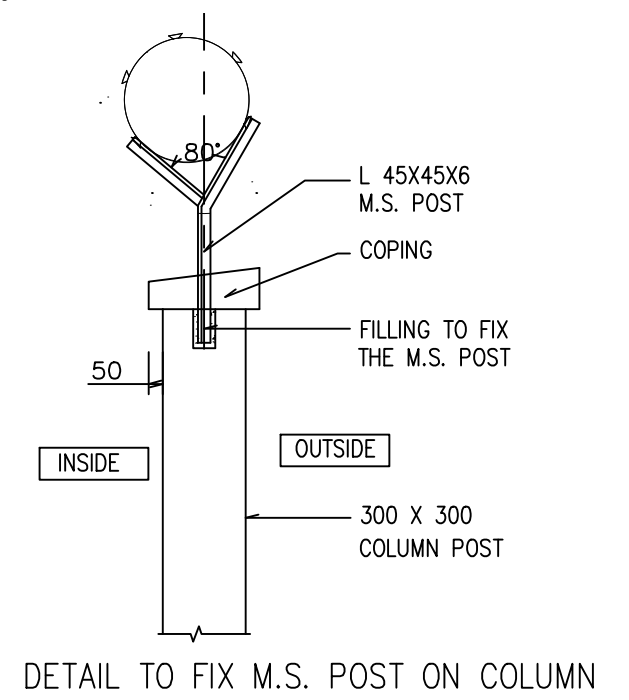
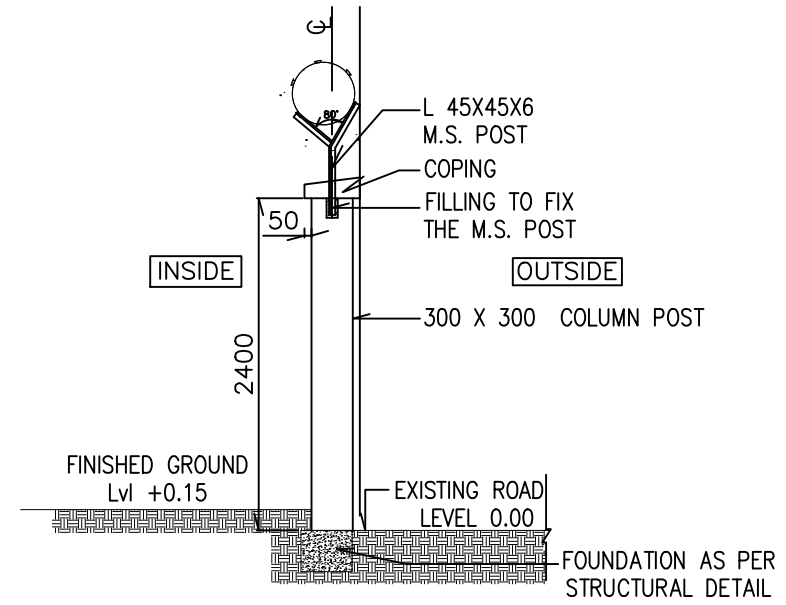
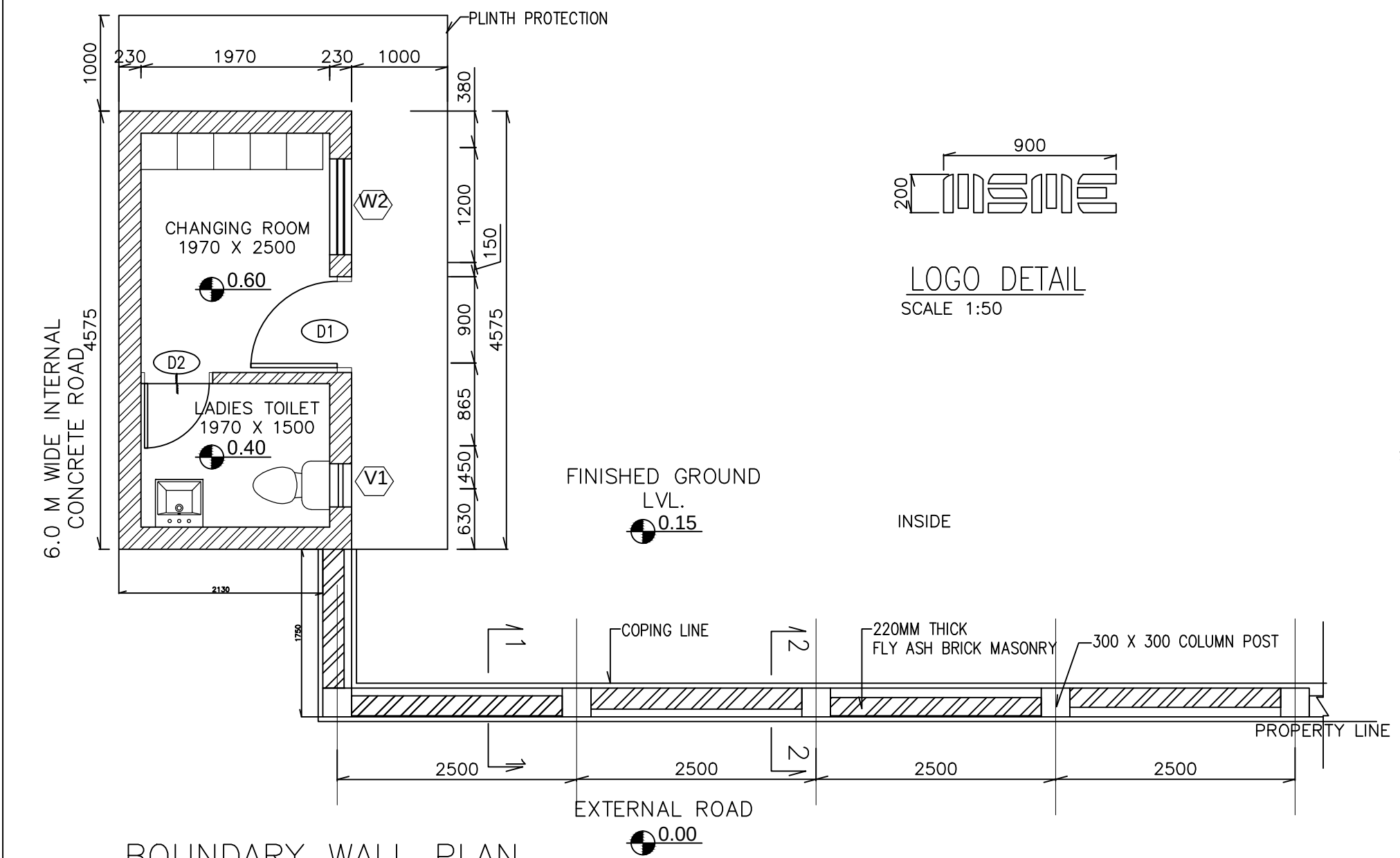
SIZE-A2

TCE FORM NO. 042 R5



BOUNDARY WALL ELEVATION

SCALE 1:50



- NOTES
1. ALL DIMENSIONS ARE IN MILIMETERS AND FFLEVELATIONS IN METERS UNLESS NOTED OTHERWISE.
 2. FFL. 0.00 CORRESPONDS TO EXISTING ROAD LEVFFL.
 3. DO NOT SCALE THE DRAWING
 4. ANY DISCREPANCY IN THE DRAWING SHALL BE BROUGHT TO THE IMMEDIATE NOTICE OF ARCHITECT, PRIOR TO EXECUTION OF WORK
 5. ALL FLOOR FFLEVELATIONS MENTIONED ARE FINISHED FLOOR LEVFFLS
 6. GROOVES ON ALTERNATE PANFFLS TO BE FILLED WITH CEMENT MORTAR TO ACHIEVE THE DESIGN AS SHOWN AND BOUNDARY WALL TO BE PAINTED WITH EXTERIOR GRADE PAINT.
 7. REFER SPECIFICATION BEFORE EXECUTION OF ANY ITEM
 8. FGL AS PER SITE TOPOGRAPHY.

REFERENCE DRAWING

1. TCE.10106A-100-AC-5427- PLAN, FFLEVELATION & SECTION OF GUARD HOUSE

ENGINEERING REFERENCE DRAWING

DO NOT SCALE FOR TENDER PURPOSE

OFFICE OF THE DEVELOPMENT COMMISSIONER (MSME)
MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES
GOVERNMENT OF INDIA.

BOUNDARY WALL - PLAN , ELEVATION & SECTION

TATA CONSULTING ENGINEERS LIMITED
MUMBAI

SCALE: AS SHOWN	APPROVED	DATE (RO ISSUE)
DEL.CENTRE-DISC:MUM-AC		DATE (CURRENT ISSUE) 25-01-2016
DRN: SR		
CHD:	DWG NO TCE.10106A-100-AC-5428	ISSUE P1

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CIVIL												"P" (PRELIMINARY) ISSUES ARE NOT TO BE USED FOR CONSTRUCTION / FABRICATION BUT ARE ISSUED FOR LIMITED PURPOSES ONLY AS INDICATED IN THE SMALL BLOCK AT THE TOP RIGHT HAND CORNER OF THE TITLE BLOCK. CONSTRUCTION / FABRICATION WORK IS PERMITTED ON "R" (RELEASED) ISSUES ONLY. INFORMATION CONTAINED WITHIN "HOLD" IS NOT RELEASED FOR CONSTRUCTION/ FABRICATION. FIELD MUST GET DESIGN OFFICE TO CLEAR "HOLDS" IN TIME BEFORE PROCEEDING WITH ANY CONSTRUCTION/FABRICATION WORK RELATED TO "HOLDS".
ELEC												
I&C												
MECH												

FILE NAME: F-042-Rev-R5.dwg

TCE FORM NO. 042 R5

REVISED

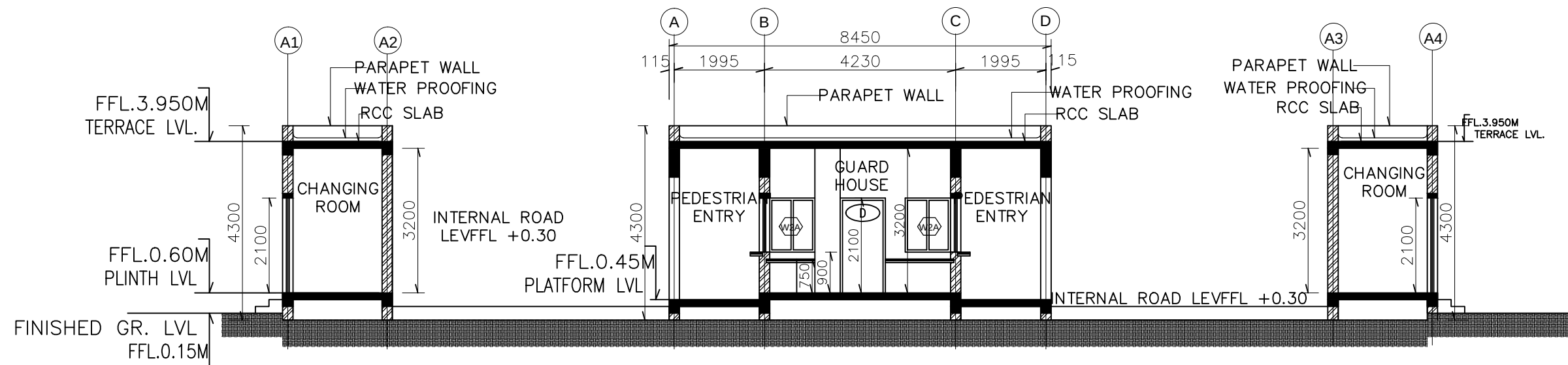


GATE PANEL DETAIL

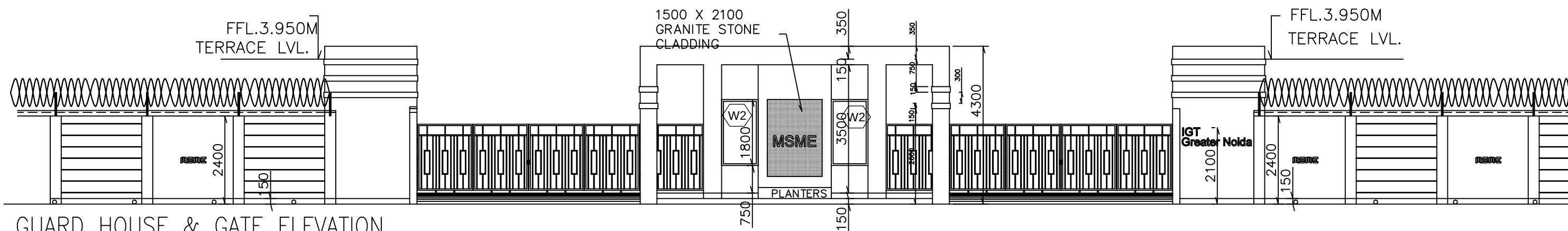
1. ALL DIMENSIONS ARE IN MILLIMETERS AND ELEVATIONS IN METERS UNLESS NOTED OTHERWISE.
2. EL. 0.00 CORRESPONDS TO EXISTING ROAD LEVEL.
3. DO NOT SCALE THE DRAWING
4. ANY DISCREPANCY IN THE DRAWING SHALL BE BROUGHT TO THE IMMEDIATE NOTICE OF ARCHITECT, PRIOR TO EXECUTION OF WORK
5. ALL FLOOR ELEVATIONS MENTIONED ARE FINISHED FLOOR LEVELS
6. REFER SPECIFICATION BEFORE EXECUTION OF ANY ITEM
7. ALL MS WORKS TO BE APPLIED WITH ZINC EPOXY PRIMER AND FINISHED WITH METALLIC PAINT AS PER DETAIL SPECIFICATIONS

1. TCE.10106A-100-AC-5427- PLAN, FFLEVATION &
SECTION OF GUARD HOUSE
2. TCE.10106A-100-AC-5428- PLAN, FFLEVATION &
SECTION OF BOUNDARY WALL

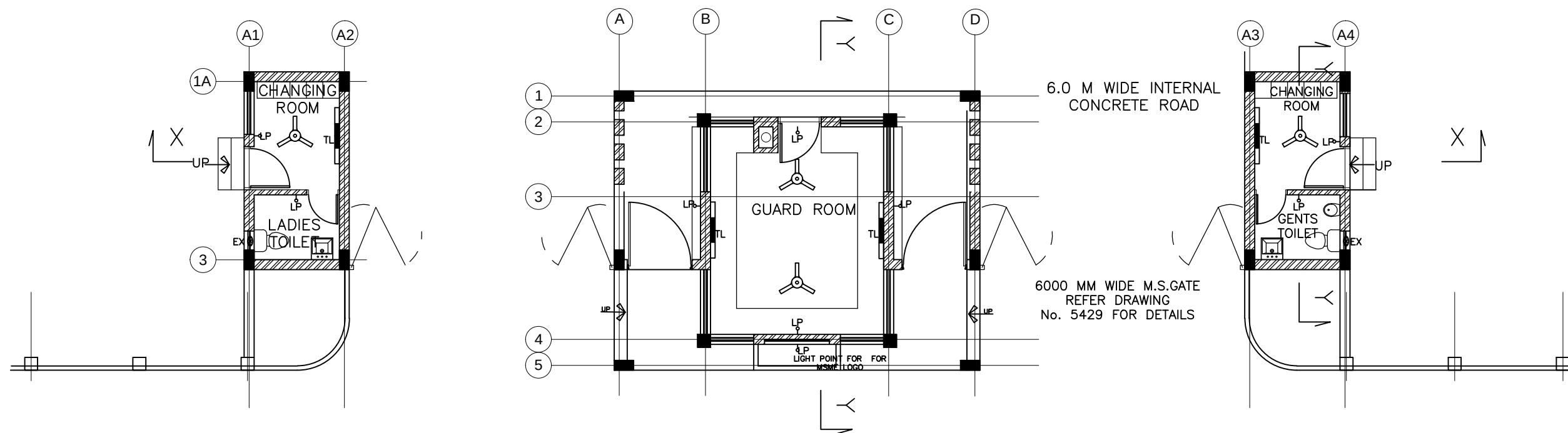
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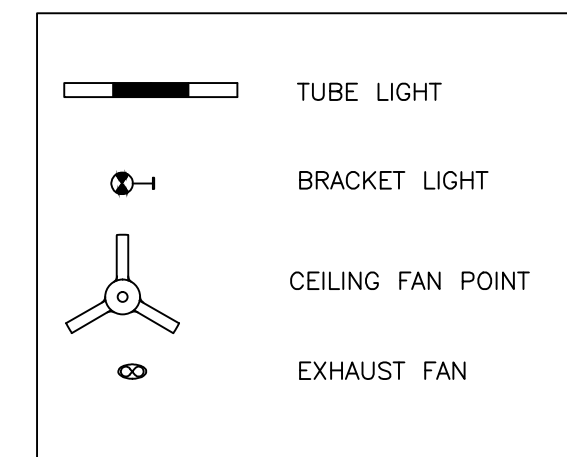
SECTION XX
SCALE 1:100



GUARD HOUSE & GATE ELEVATION
SCALE 1:100



LIGHTING LAYOUT - GUARD HOUSE & GATE PLAN
SCALE 1:100



DO NOT SCALE FOR TENDER PURPOSE

OFFICE OF THE DEVELOPMENT COMMISSIONER (MSME)
MINISTRY OF MICRO, SMALL & MEDIUM ENTERPRISES
GOVERNMENT OF INDIA.

GUARD BLOCK- ELEVATION & SECTION

TATA CONSULTING ENGINEERS LIMITED
MUMBAI

SCALE: AS SHOWN APPROVED DATE (RO ISSUE)
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25-01-2016
DRN: SR
CHD: DWG NO TCE.10106A-100-AC-5430 ISSUE P1

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ELEC												
I&C												
MECH												

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TCE FORM NO. 042 R5

25-01-2016