



LATUR OFFICER'S CLUB

Community | Compassion | Commitment



Bedre Arcade, ground floor, Behind Sushma Hotel, Shivaji Chowk,
Latur-413512, Maharashtra.
Tel: +91 2382 246105 Email: kk@spacemagic.in Visit: www.spacemagic.in



TOP VIEW



3D ANIMATION OF THE PROPOSED MODEL

OFFICERS CLUB (PRESIDENT; HON. COLLECTOR, LATUR DISTRICT)



Bedre Arcade, ground floor, Behind Sushma Hotel, Shivaji Chowk,
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BIRD VIEW



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FRONT VIEW



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BACKSIDE VIEW

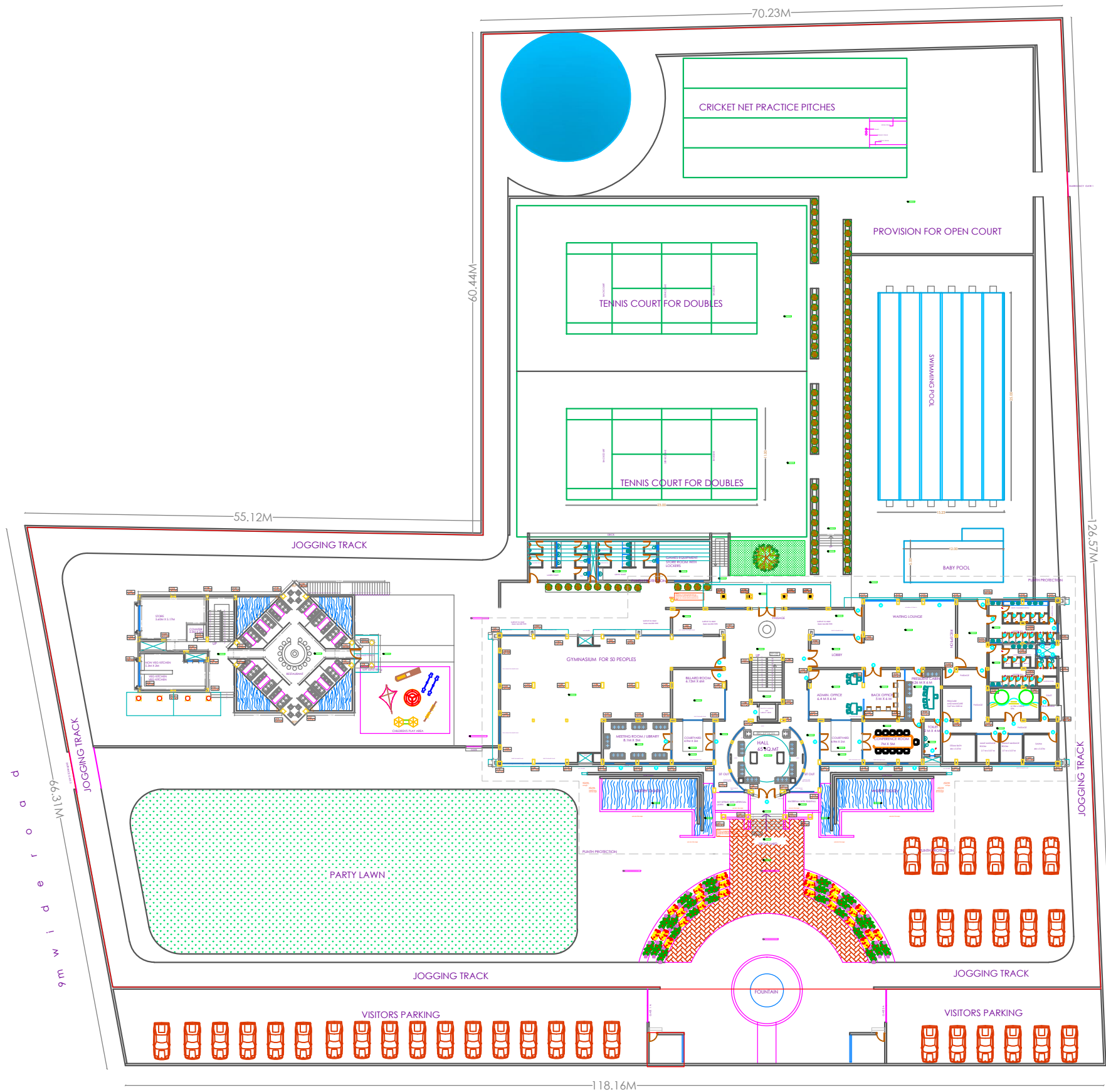


3D ANIMATION OF THE PROPOSED MODEL

OFFICERS CLUB (PRESIDENT; HON. COLLECTOR, LATUR DISTRICT)



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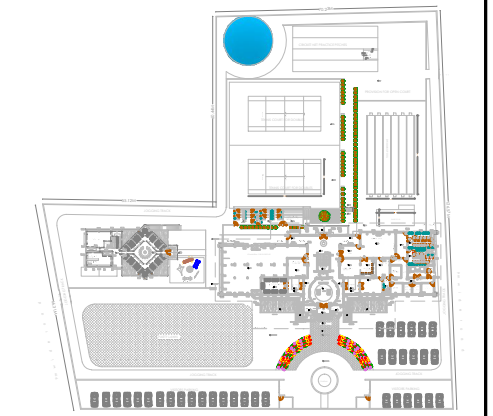
SITE PLAN
SCALE-1:350

SHEET NO: BUILDING TYPE-
MAIN BUILDING

KEY PLAN

TITLE: WORKING DRAWING

SPECIFICATIONS:



SITE PLAN
SCALE-1:1500

	OFFICERS CLUB (PRESIDENT; HON. COLLECTOR, LATUR DISTRICT)	
TITLE OF THE PROJECT	PROPOSED OFFICERS CLUB, LATUR	
DRAWN	DD	CHECKED : KK
SCALE	DATE:	
	 <small>Bedre Arcade ground floor Behind Sushma Hotel, Shivaji Chowk, Latur-413512, Maharashtra, Tel: +91 2382 246 105 Email: km@spacemagic.in Visit: www.spacemagic.in</small>	
ARCHITECTS: KRISHNAKUMAR BANGAD FIA, COA, FIV, IIID CA/2004/32977		
THIS IS A PRESENTATION DRAWING IT MAY BE MODIFIED DURING EXECUTION		

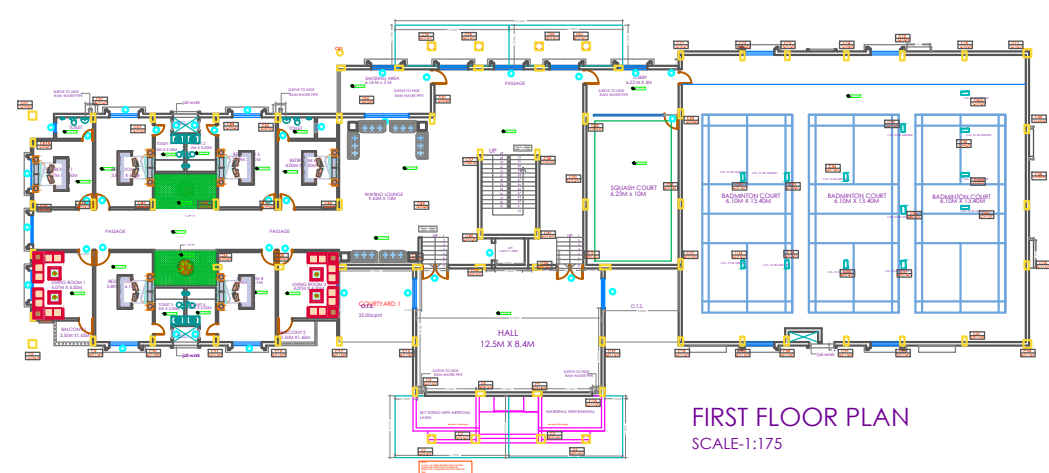
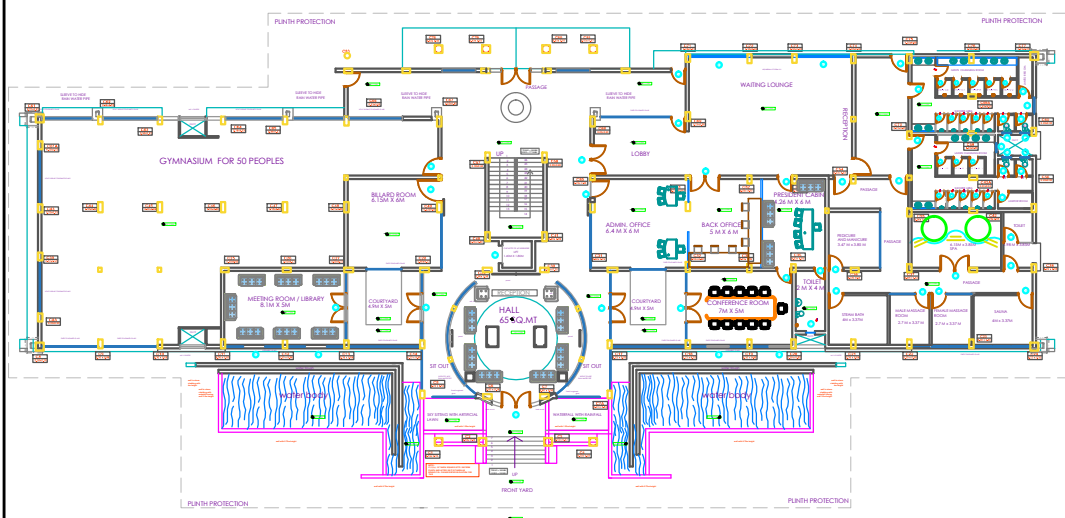
SHEET NO:

BUILDING TYPE-
MAIN BUILDING

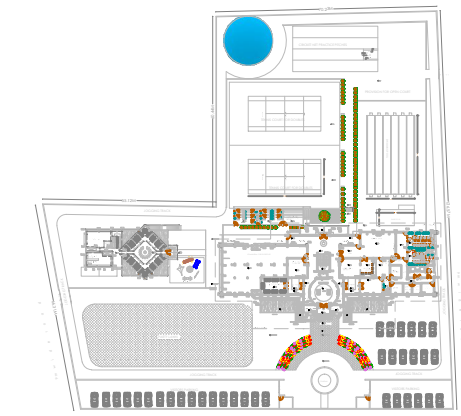
KEY PLAN

TITLE: WORKING DRAWING

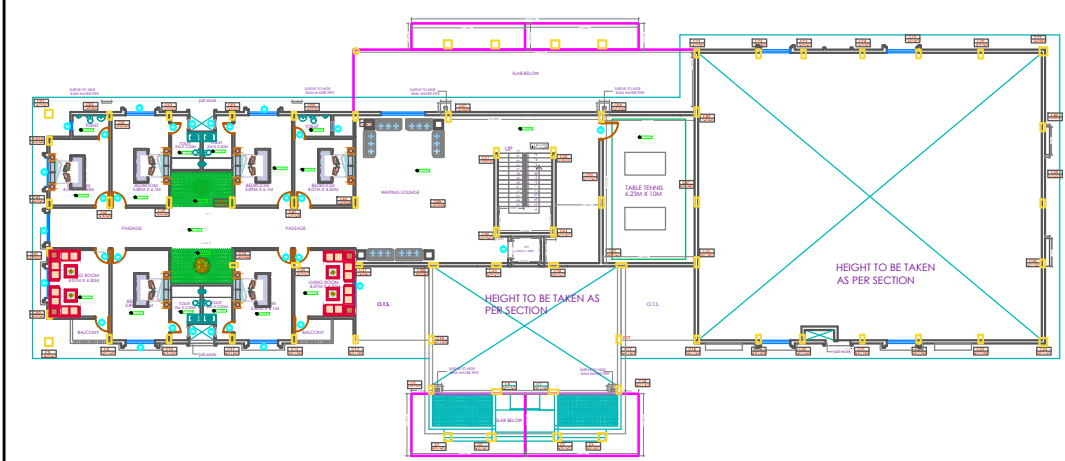
SPECIFICATIONS:



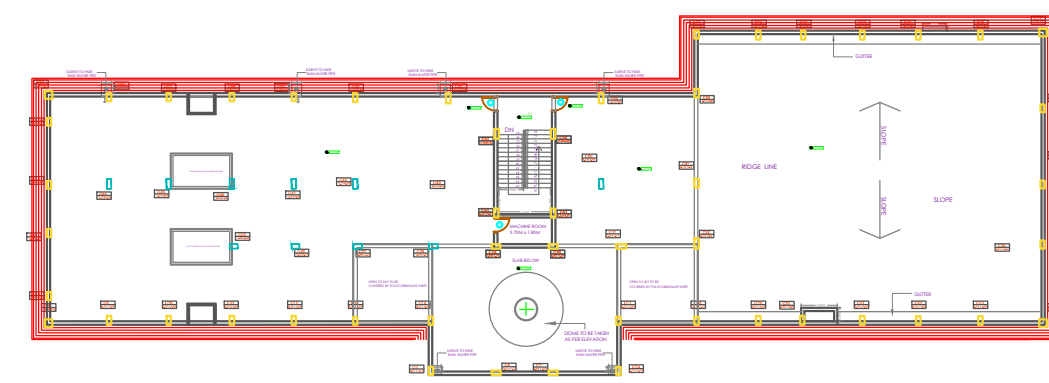
FIRST FLOOR PLAN
SCALE-1:175



SITE PLAN
SCALE-1:1500



SECOND FLOOR PLAN



TERRACE FLOOR PLAN



OFFICERS CLUB
(PRESIDENT, HON.
COLLECTOR, LATUR DISTRICT)

TITLE
OF THE
PROJECT

PROPOSED OFFICERS CLUB, LATUR

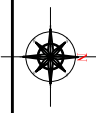
DRAWN

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CHECKED : KK

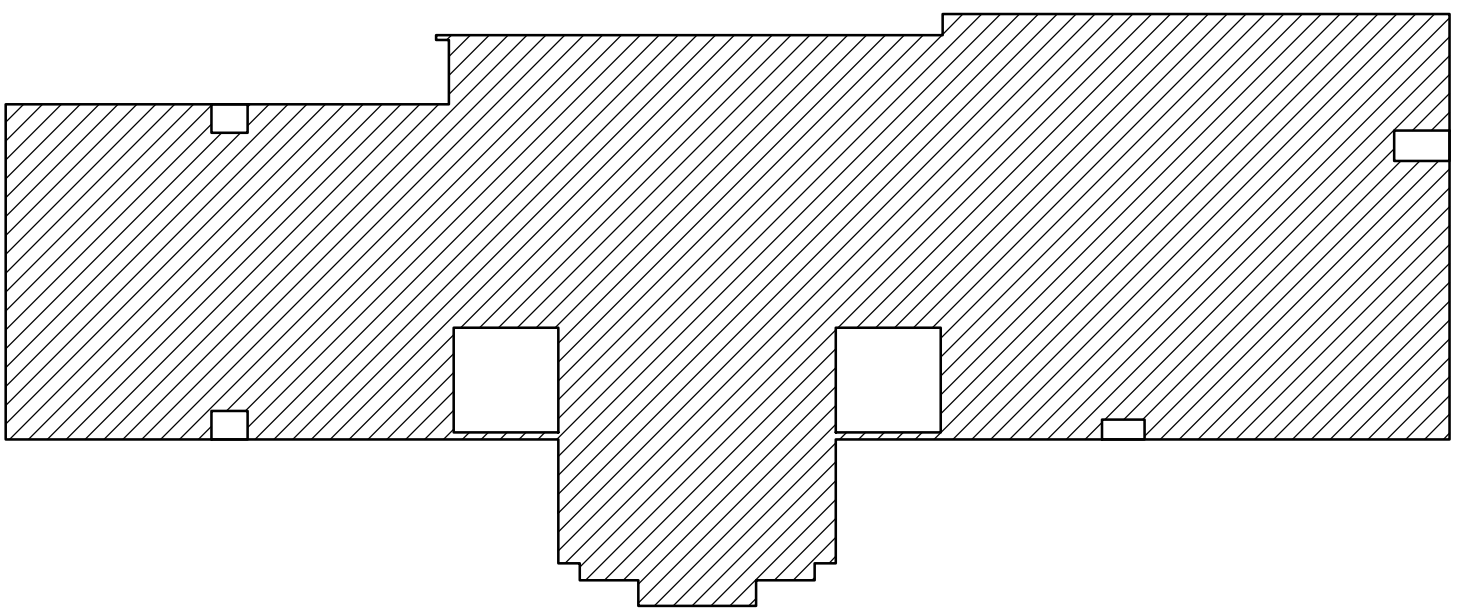
SCALE

DATE:

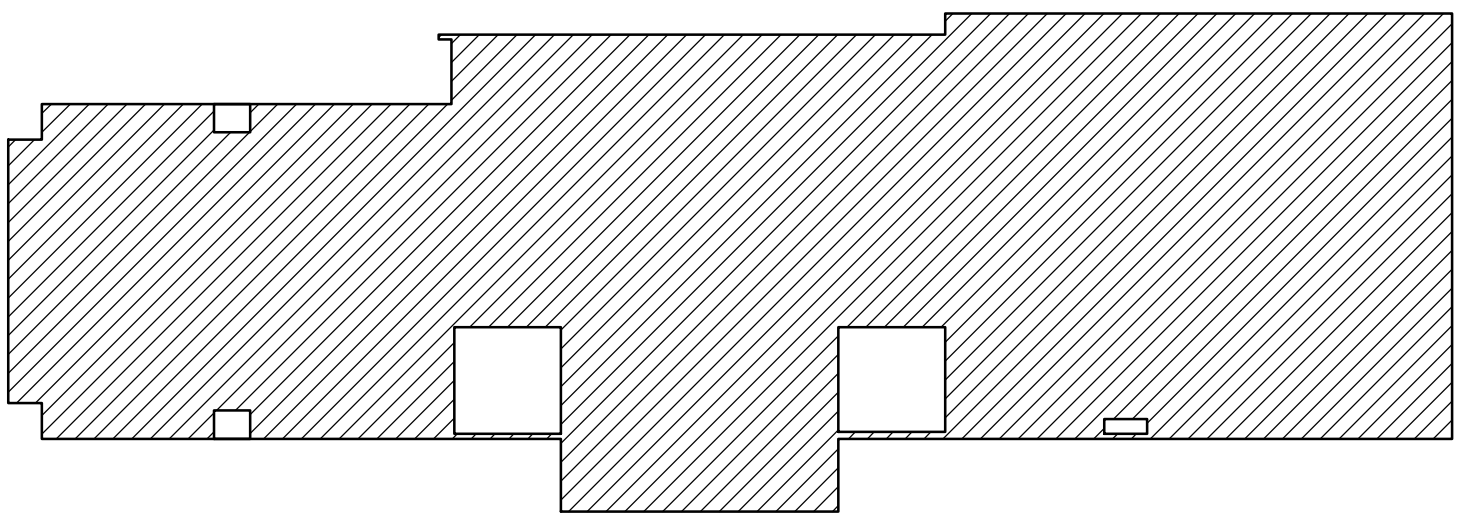


Space Magic consultants
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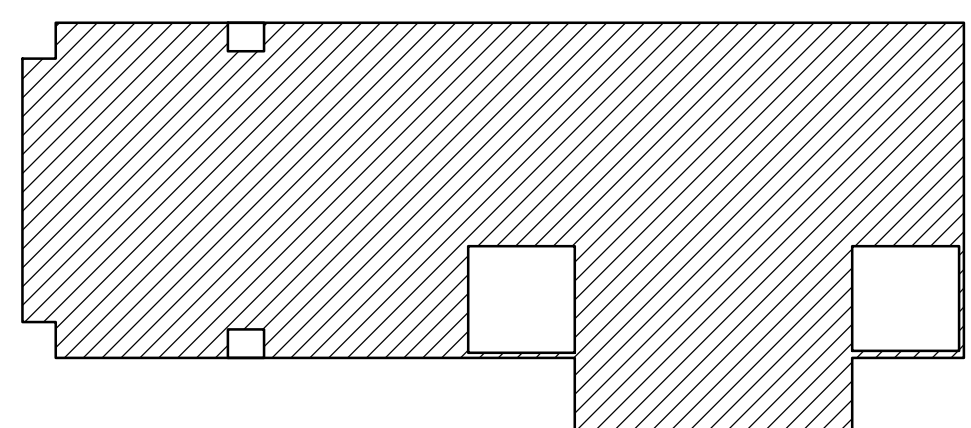
ARCHITECTS:
KRISHNAKUMAR BANGAD
FIIA, COA, FIV, IIID
CA/2004/32977



GROUND FLOOR PLAN



FIRST FLOOR PLAN



SECOND FLOOR PLAN

BUILT UP AREA GROUND FLOOR PLAN

BUILT UP AREA STATEMENT		UNIT
BUILT UP AREA GROUND FLOOR	1327.56	SQ.MT.
DEDUCTIONS		
COURTYARD 1	24.04	SQ.MT.
COURTYARD 2	24.04	SQ.MT.
DUCT 1	2.26	SQ.MT.
DUCT 2	1.86	SQ.MT.
DUCT 3	2.26	SQ.MT.
DUCT 4	3.68	SQ.MT.
LIFT	3.63	SQ.MT.
TOTAL DEDUCTIONS	61.77	SQ.MT.
BUILT-UP AREA STATEMENT CORRESPONDING CARPET AREA INCLUDING STAIRCASE,LIFTS		
TOTAL BUILT-UP AREA	1265.7	SQ.MT.

BUILT UP AREA FIRST FLOOR PLAN

BUILT UP AREA STATEMENT	AREA	UNIT
BUILT UP AREA GROUND FLOOR	1275.67	SQ.MT.
DEDUCTIONS		
COURTYARD 1	25.00	SQ.MT.
COURTYARD 2	24.50	SQ.MT.
DUCT 1	2.26	SQ.MT.
DUCT 2	1.40	SQ.MT.
DUCT 3	2.25	SQ.MT.
LIFT	3.63	SQ.MT.
TOTAL DEDUCTIONS	59.04	SQ.MT.
BUILT-UP AREA STATEMENT CARPET AREA INCLUDING STAIRCASE,LIFTS		
TOTAL BUILT-UP AREA	1216.63	SQ.MT.

BUILT UP AREA SECOND FLOOR PLAN

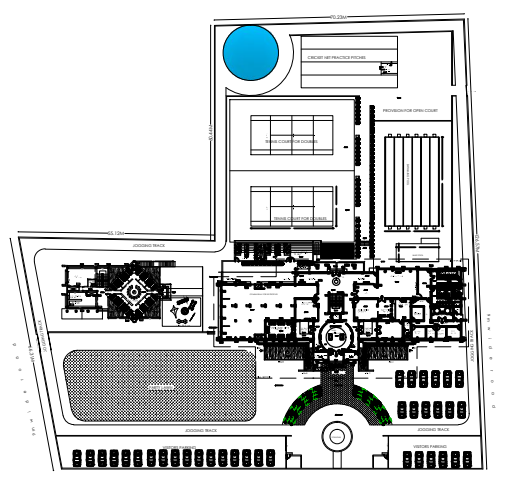
BUILT UP AREA STATEMENT	AREA	UNIT
BUILT UP AREA GROUND FLOOR	730.95	SQ.MT.
DEDUCTIONS		
COURTYARD 1	25.00	
COURTYARD 2	24.50	SQ.MT.
DUCT 1	2.26	SQ.MT.
DUCT 3	2.25	SQ.MT.
C 1	9.84	
C 2	9.83	
LIFT	3.63	
TOTAL DEDUCTIONS	77.31	SQ.MT.
BUILT-UP AREA STATEMENT CARPET AREA INCLUDING STAIRCASE,LIFTS		SQ.MT.
TOTAL BUILT-UP AREA	653.64	SQ.MT.

SUMMARY :

SR. NO.	TYPE OF BUILDING	NOS OF BLDG NOS	NOS OF FLR. NOS	B.U.A./ INCLU. BALC. STAIR, LIFT	STAIRCASE HEAD ROOM	LIFT MACHINE ROOM	TOTAL B.U.A.	UNITS
1.	RECREATIONAL BUILDING	1	GR + 2	3135.97	34.11	8.45	3178.53	SQ.MT.

FSI CALCULATIONS :

SR.	NET PLOT AREA			
1	FSI PERMISSABLE	12318 X 1 = 12318 SQ.MT	12318	SQ.MT.
2	BUILT UP AREA AS PER ABOVE	3179		SQ.MT.
	FSI CONSUMED	3179/12318	0.25	



SITE PLAN
SCALE-1:1500

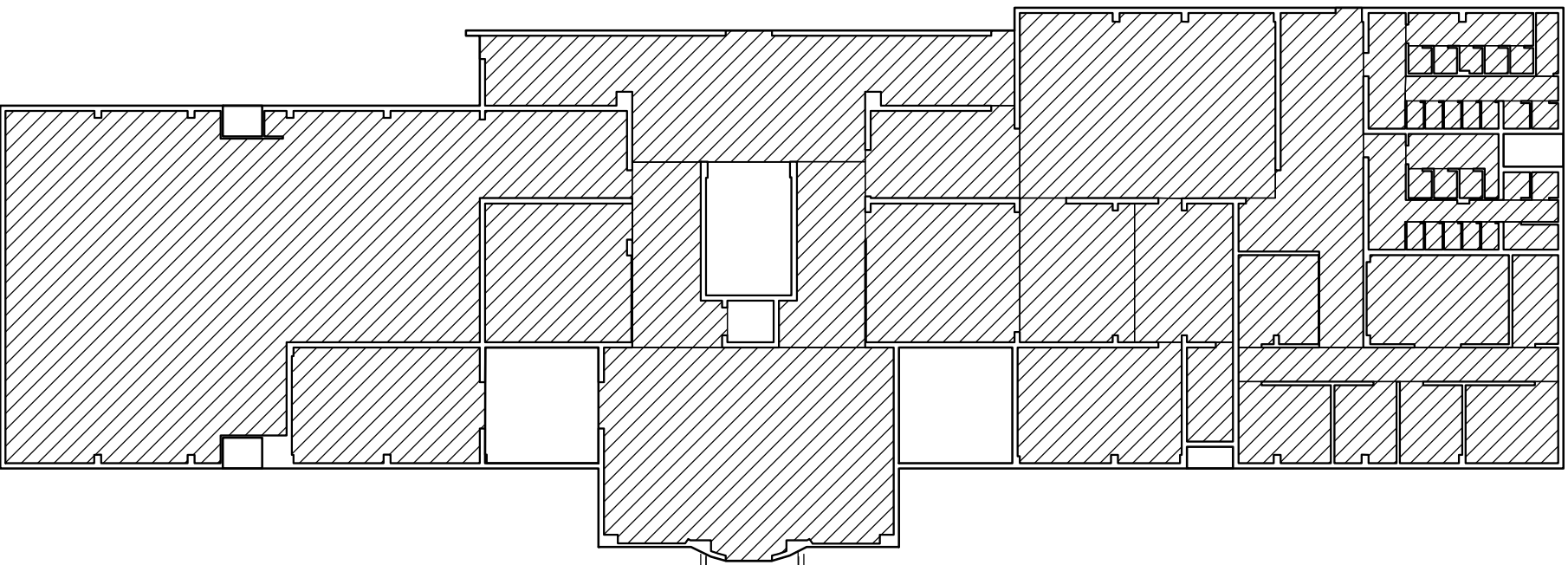
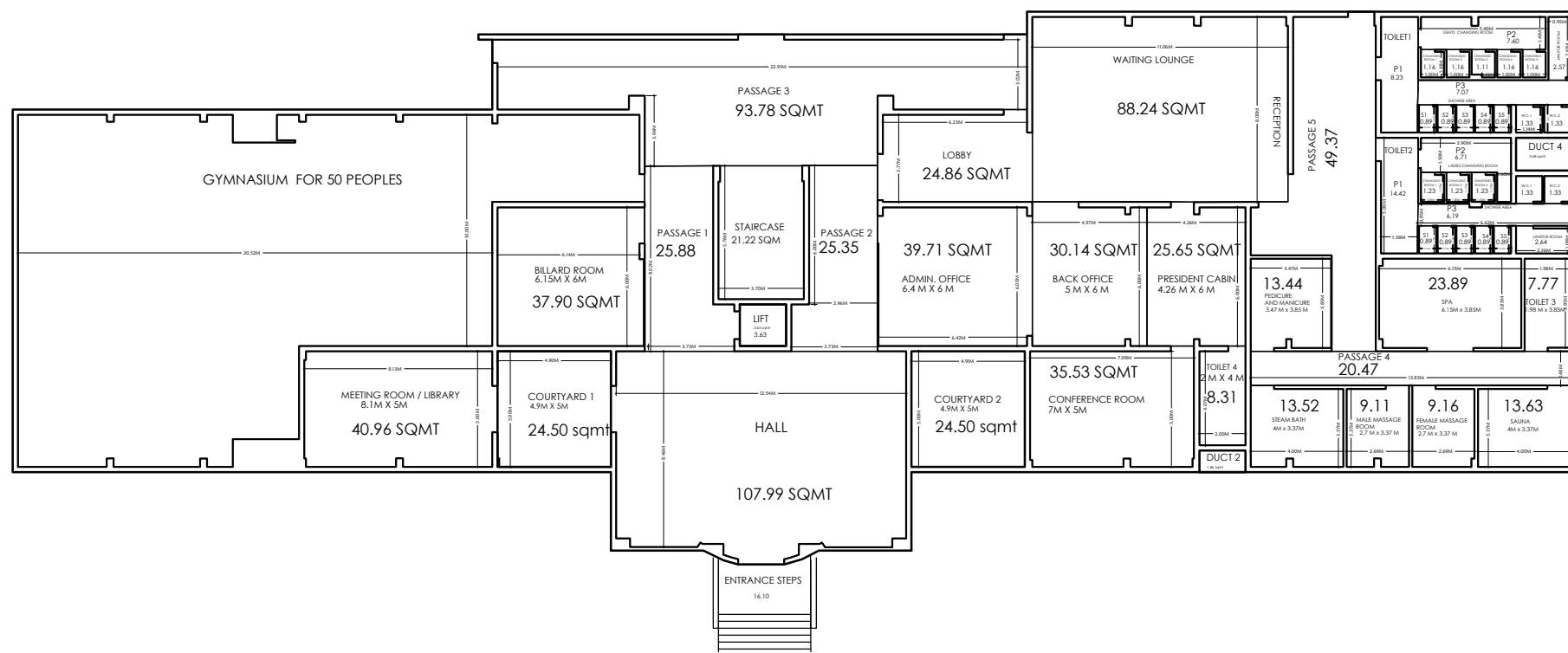
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ARCHITECTS:
KRISHNAKUMAR BANGAD
FIIA, COA, FIV, IIID
CA/2004/32977



GROUND FLOOR PLAN
SCALE-1:150

CARPET AREA CALCULATION GROUND FLOOR PLAN

CARPET AREA CALC. TYPICAL ROOM			
ROOM	SIZE	CARPET AREA	UNIT
GYMNASIUM	286.70	286.70	SQ.MT
MEETING ROOM/LIBRARY	8.1X5 M	40.96	SQ.MT
BILLARD ROOM	6.15 X 6 M	37.90	SQ.MT
HALL		107.99	SQ.MT
ADMIN OFFICE	6.4 X 6 M	39.71	SQ.MT
BACK OFFICE	5 X 6 M	30.14	SQ.MT
PRESIDENT CABIN	4.26 X 6 M	25.65	SQ.MT
CONFERENCE ROOM	7.00 X 5 M	35.53	SQ.MT
STEAM BATH	4.00 X 3.37 M	13.52	SQ.MT
MALE MASSAGE ROOM	2.7 X 3.37 M	9.11	SQ.MT
FEMALE MASSAGE ROOM	2.7 X 3.37 M	9.16	SQ.MT
SAUNA	4 X 3.37 M	13.63	SQ.MT
SPA	6.15 X 3.85 M	23.89	SQ.MT
PEDICURE & MANICURE	3.47 X 3.85 M	13.44	SQ.MT
SMOKING AREA	6.14 X 3 M	18.50	
TOTAL CARPET AREA FOR ROOMS		687.33	SQMT

CARPET AREA CALCULATION OF PASSAGE/WAITING AND LOBBY AREA

CARPET AREA STATEMENT	AREA	UNIT
SERVICES AREAS:		
LOBBY	24.86	SQ.MT.
WAITING LOUNGE	88.24	
PASSAGE 1	25.88	SQ.MT.
PASSAGE 2	25.35	SQ.MT.
PASSAGE 3	93.78	SQ.MT.
PASSAGE 4	20.47	SQ.MT.
PASSAGE 5	49.37	SQ.MT.
TOTAL CARPET AREA FOR PASSAGE	327.95	SQMT

CARPET AREA CALCULATION OF TOILETS

NAME OF AREA	NO.	SIZES	AREA	UNIT
TOILET 1				
GENTS CHANGING ROOM				
PASSAGE P1			8.23	
PASSAGE P2		5.40 X 1.41	7.60	SQMT
CHANGING ROOMS	4	1.00 X 1.10	4X1.16=4.64	SQMT
CHANGING ROOM 3	1	1.00 X 1.10	1.11	SQMT
SHOWER AREA				
SHOWER ROOMS	5	0.75 X 1.14	5 X0.89=4.45	SQMT
PASSAGE P3			7.07	
W.C 1		1.14 X 1.10	1.33	
W.C 2		1.14 X 1.10	1.33	
JANITOR ROOM		0.95 X 2.61	2.57	
TOTAL			38.33	SQMT

NAME OF AREA	NO.	SIZES	AREA	UNIT
TOILET 2				
LADIES CHANGING ROOM				
PASSAGE P1		1.58 X 5.00	14.42	
PASSAGE P2		1.50 X 3.90	6.71	SQMT
CHANGING ROOMS	3	1.00 X 1.17	3X1.23=3.69	SQMT
SHOWER AREA				
SHOWER ROOMS	5	0.75 X 1.14	5 X0.89=4.45	SQMT
PASSAGE P3		6.62 X 0.95	6.19	
W.C 1		1.14 X 1.10	1.33	
W.C 2		1.14 X 1.10	1.33	
JANITOR ROOM		2.36 X 1.08	2.64	
TOTAL			40.76	SQMT

NAME OF AREA	SIZES	AREA	UNIT
TOILET 3	1.98 X 3.85	7.62	SQMT

NAME OF AREA	SIZES	AREA	UNIT
TOILET 4	2 X 4	8.31	SQMT

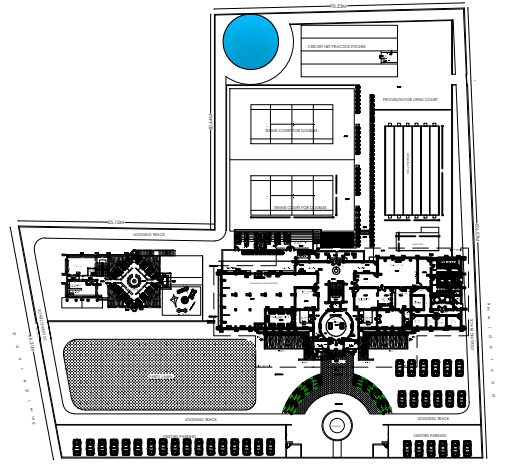
TOTAL CARPET AREA FOR TOILET 95.02 SQMT

DEDUCTIONS

CARPET AREA STATEMENT	AREA	UNIT
SERVICES AREAS:		
MAIN ENTRANCE STEPS	16.10	SQ.MT.
STAIRCASE	21.22	SQ.MT.
LIFT	3.63	SQ.MT.
COURTYARD 1	24.50	SQ.MT.
COURTYARD 2	24.50	SQ.MT.
DUCT 1	2.26	SQ.MT.
DUCT 2	1.40	SQ.MT.
DUCT 3	2.26	SQ.MT.

TOTAL CARPET AREA	AREA	UNIT
SUM OF ROOM AREAS	687.33 M	SQMT
SUM OF PASSAGE/LOBBY AREAS	327.95 M	SQMT
SUM OF TOILET AREAS	95.02 M	SQMT
TOTAL CARPET AREA FOR GROUND FLOOR	1110.30 M	SQMT

GROUND FLOOR PLAN
TITLE: CARPET AREA
SPECIFICATIONS:



SITE PLAN
SCALE-1:1500

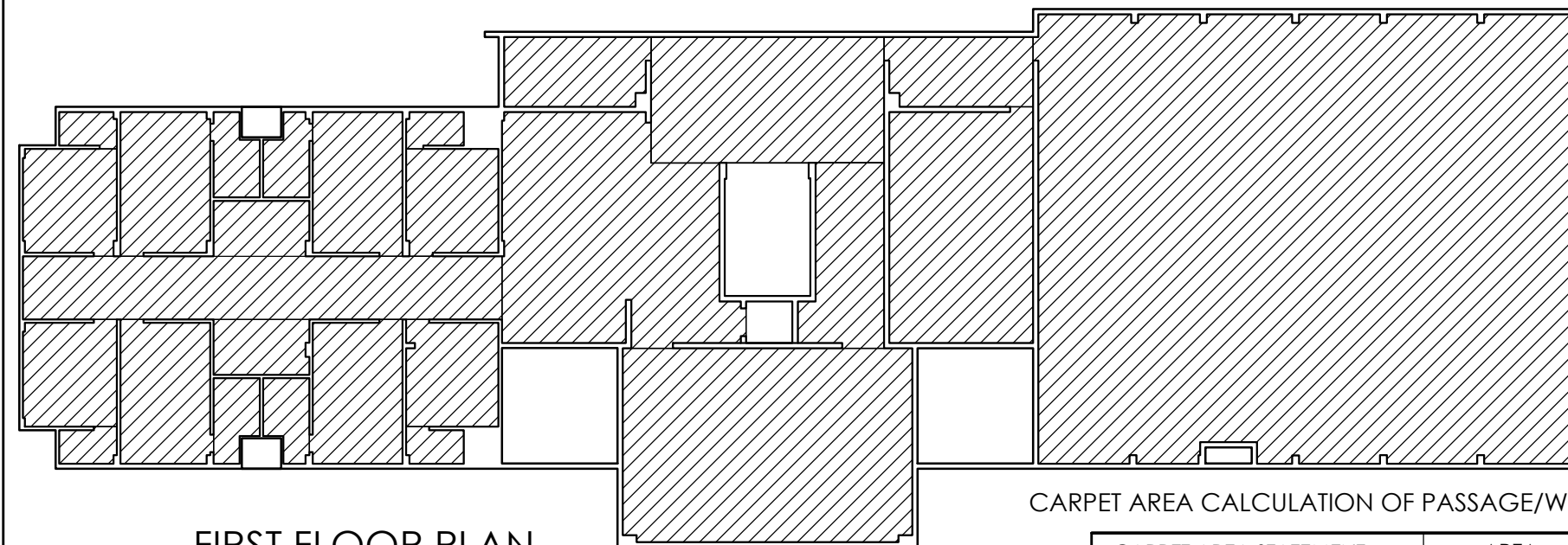
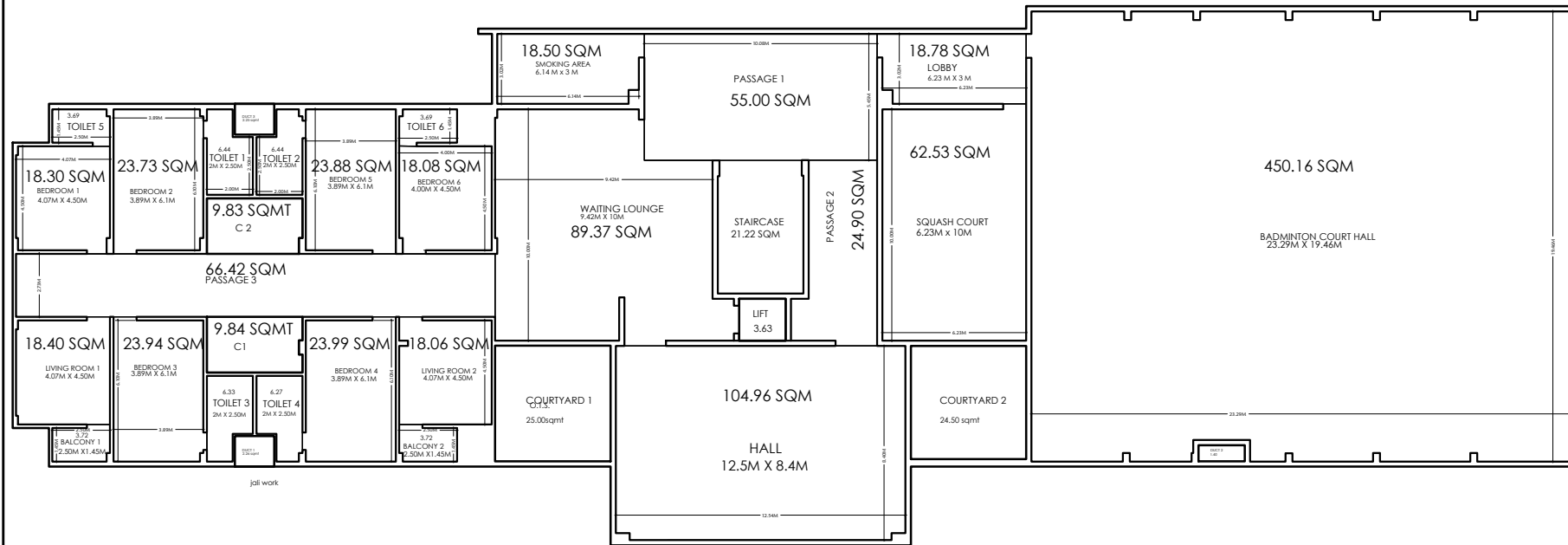
OFFICERS CLUB
(PRESIDENT; HON. COLLECTOR, LATUR DISTRICT)

TITLE OF THE PROJECT
PROPOSED OFFICERS CLUB, LATUR

DRAWN DD CHECKED : KK
SCALE DATE:



ARCHITECTS:
KRISHNAKUMAR BANGAD
FIIA, COA, FIV, IIID
CA/2004/32977



FIRST FLOOR PLAN
SCALE-1:150

DEDUCTIONS

CARPET AREA STATEMENT	AREA	UNIT
SERVICES AREAS:		
STAIRCASE	21.22	SQ.MT.
LIFT	3.63	SQ.MT.
COURTYARD 1	24.50	SQ.MT.
COURTYARD 2	24.50	SQ.MT.
DUCT 1	2.26	SQ.MT.
DUCT 2	1.86	SQ.MT.
DUCT 3	2.26	SQ.MT.
DUCT 4	3.68	SQ.MT.
C1	9.84	SQ.MT.
C2	9.83	SQ.MT.

CARPET AREA CALCULATION FIRST FLOOR TOILETS

NAME OF AREA	SIZES	AREA	UNIT
TOILET 1	2.00X2.50	6.44	SQMT
TOILET 2	2.00X2.50	6.44	SQMT
TOILET 3	2.00X2.50	6.33	SQMT
TOILET 4	2.00X2.50	6.27	SQMT
TOILET 5	2.50X1.45	3.69	SQMT
TOILET 6	2.50X1.45	3.69	SQMT
TOTAL CARPET AREA FOR TOILETS		32.86 M	SQMT

CARPET AREA CALCULATION OF PASSAGE/WAITING AND LOBBY AREA

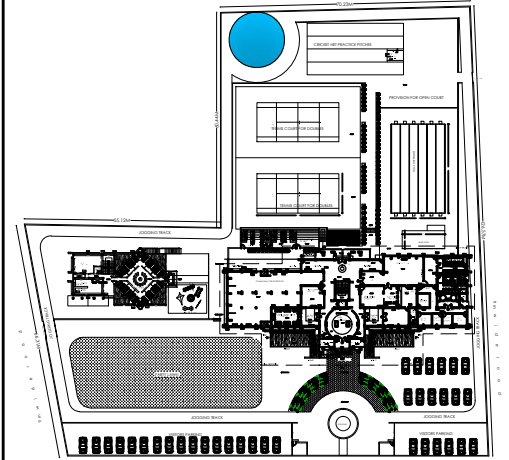
CARPET AREA STATEMENT	AREA	UNIT
SERVICES AREAS:		
LOBBY	18.78	SQ.MT.
WAITING LOUNGE	89.37	
PASSAGE 1	55.00	SQ.MT.
PASSAGE 2	24.90	SQ.MT.
PASSAGE 3	66.42	SQ.MT.

TOTAL CARPET AREA FOR PASSAGE 254.47 M SQMT

CARPET AREA CALCULATION FIRST FLOOR PLAN

CARPET AREA CALC. TYPICAL ROOM			
ROOM	SIZE	CARPET AREA	UNIT
BEDRRM 1	4X4.5 M	18.30	SQ.MT
BEDRRM 2	3.89X6.1 M	23.73	SQ.MT
BEDROOM 3	3.89 X 6.1 M	23.94	SQ.MT
BEDROOM 4	3.89 X 6.1 M	23.99	SQ.MT
BEDROOM 5	3.89 X 6.1 M	23.88	SQ.MT
BEDROOM 6	4.00 X 4.50 M	18.08	SQ.MT
LIVING ROOM 1	4.00 X4.50 M	18.40	SQ.MT
LIVING ROOM 2	4.00 X4.50 M	18.06	SQ.MT
BALCONY 1	2.50 X 1.45 M	3.72	SQ.MT
BALCONY 2	2.50 X 1.45 M	3.72	SQ.MT
SQUASH COURT	6.23 X 10 M	62.53	SQ.MT
BADMINTON COURT HALL	23.29 X 19.46 M	450.16	SQ.MT
HALL	12.5 X 8.4 M	104.96	SQ.MT
SMOKING AREA	6.14 X 3 M	18.50	SQ.MT
TOTAL CARPET AREA FOR ROOMS		811.97 M	SQMT

TOTAL CARPET AREA	AREA	UNIT
SUM OF ROOM AREAS	811.97 M	SQMT
SUM OF PASSAGE/LOBBY AREAS	254.47 M	SQMT
SUM OF TOILET AREAS	32.86 M	SQMT
TOTAL CARPET AREA FOR FIRST FLOOR	1099.30 M	SQMT



SITE PLAN
SCALE-1:1500



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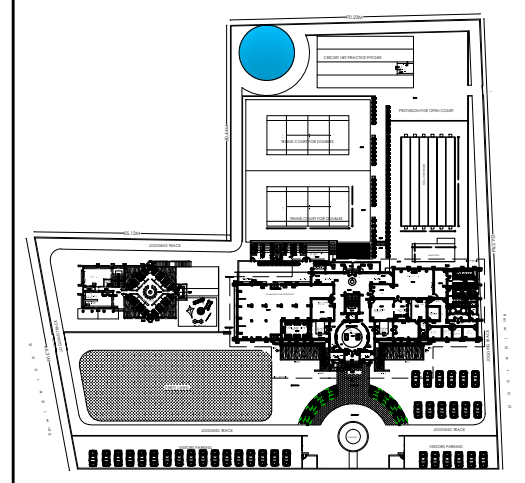
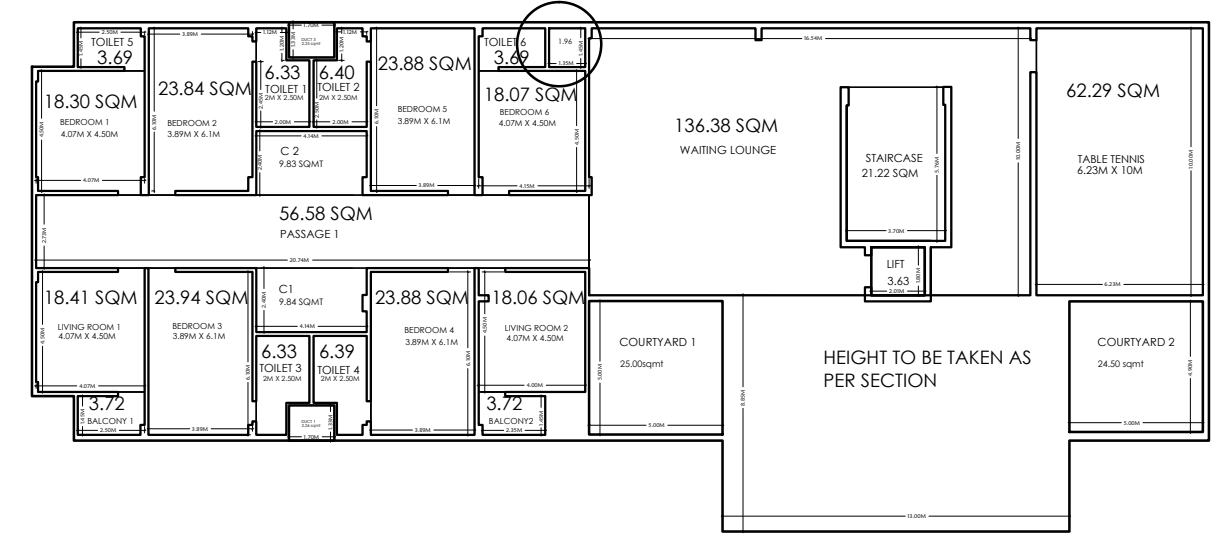
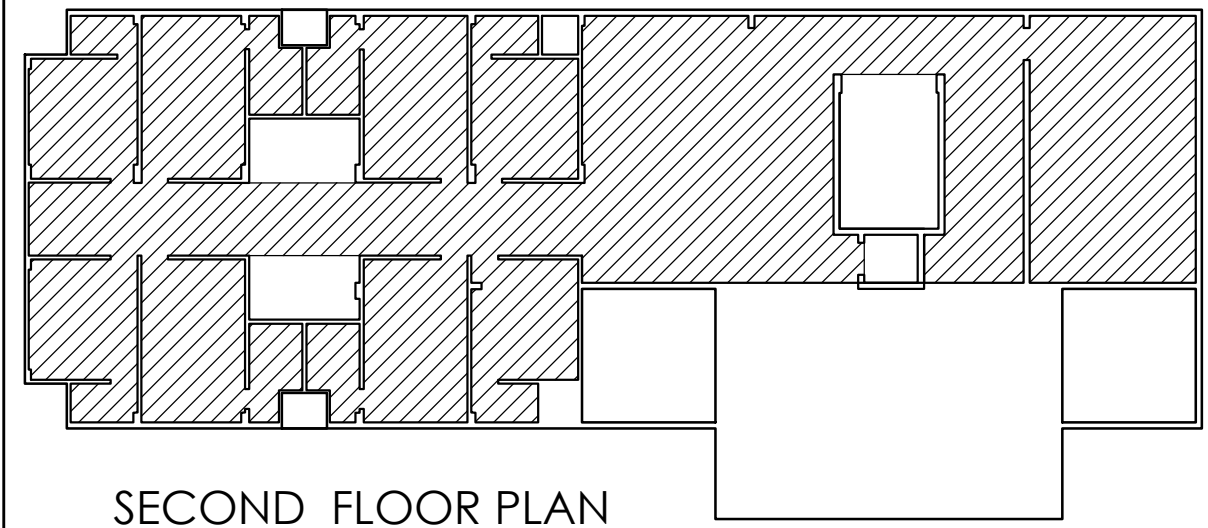
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SECOND FLOOR PLAN

TITLE: CARPET AREA

SPECIFICATIONS:



SECOND FLOOR PLAN
SCALE-1:150

SITE PLAN
SCALE-1:1500

CARPET AREA CALCULATION SECOND FLOOR PLAN

CARPET AREA CALC. TYPICAL ROOM			
ROOM	SIZE	CARPET AREA	UNIT
BEDROOM 1	4X4.5 M	18.30	SQ.MT
BEDROOM 2	3.89X6.1 M	23.84	SQ.MT
BEDROOM 3	3.89 X 6.1 M	23.94	SQ.MT
BEDROOM 4	3.89 X 6.1 M	23.88	SQ.MT
BEDROOM 5	3.89 X 6.1 M	23.88	SQ.MT
BEDROOM 6	4.00 X 4.50 M	18.07	SQ.MT
LIVING ROOM 1	4.00 X4.50 M	18.41	SQ.MT
LIVING ROOM 2	4.00 X4.50 M	18.06	SQ.MT
BALCONY 1	2.50 X 1.45 M	3.72	SQ.MT
BALCONY 2	2.50 X 1.45 M	3.72	SQ.MT
TABLE TENNIS	6.23 X 10 M	62.29	SQ.MT
TOTAL CARPET AREA FOR ROOMS		238.11 M	SQMT

DEDUCTIONS

CARPET AREA STATEMENT	AREA	UNIT
SERVICES AREAS:		
STAIRCASE	21.22	SQ.MT.
LIFT	3.63	SQ.MT.
COURTYARD 1	24.50	SQ.MT.
COURTYARD 2	24.50	SQ.MT.
C1	9.84	SQ.MT.
C2	9.83	SQ.MT.
DUCT 1	2.26	SQ.MT.
DUCT 3	2.25	SQ.MT.
DUCT 4	3.68	SQ.MT.

CARPET AREA CALCULATION OF PASSAGE/WAITING AND LOBBY AREA

CARPET AREA STATEMENT	AREA	UNIT
SERVICES AREAS:		
WAITING LOUNGE	136.38	SQ.MT.
PASSAGE 1	56.58	SQ.MT.
TOTAL CARPET AREA FOR PASSAGE	192.96 M	SQMT

CARPET AREA CALCULATION FIRST FLOOR TOILETS

NAME OF AREA	SIZES	AREA	UNIT
TOILET 1	2.00X2.50	6.33	SQMT
TOILET 2	2.00X2.50	6.40	SQMT
TOILET 3	2.00X2.50	6.33	SQMT
TOILET 4	2.00X2.50	6.39	SQMT
TOILET 5	2.50X1.45	3.69	SQMT
TOILET 6	2.50X1.45	3.69	SQMT
TOTAL CARPET AREA FOR TOILETS		32.83 M	SQMT

TOTAL CARPET AREA	AREA	UNIT
SUM OF ROOM AREAS	238.11 M	SQMT
SUM OF PASSAGE/LOBBY AREAS	192.96 M	SQMT
SUM OF TOILET AREAS	32.83 M	SQMT
TOTAL CARPET AREA FOR SECOND FLOOR	463.90 M	SQMT

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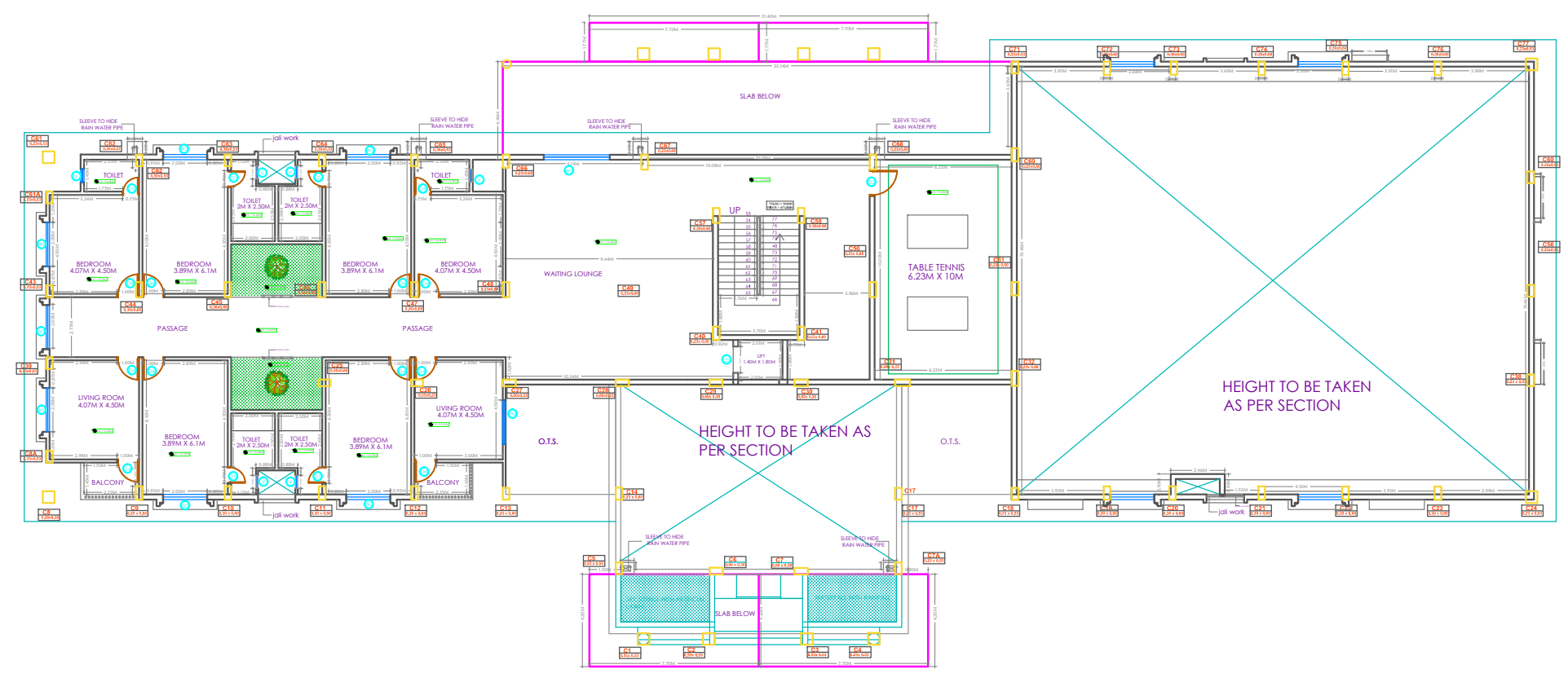
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KRISHNAKUMAR BANGAD
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SHEET NO: BUILDING TYPE-
MAIN BUILDING

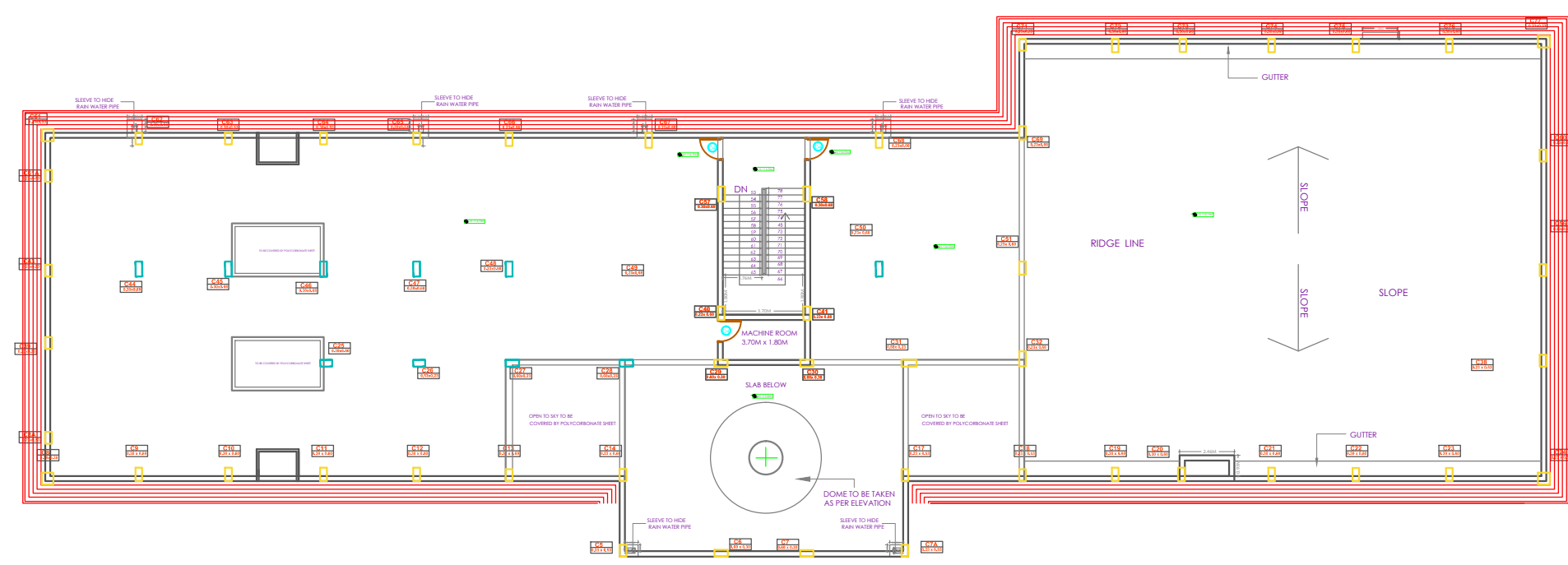
SECOND FLOOR & TERRACE FLOOR PLAN

TITLE: WORKING DRAWING

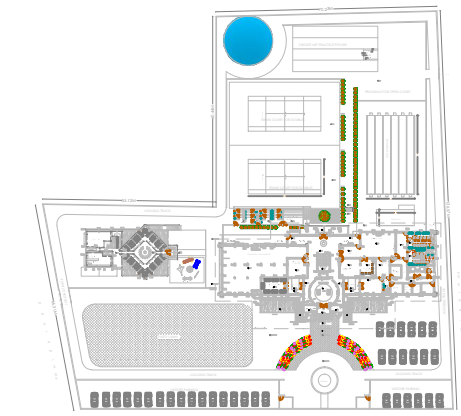
SPECIFICATIONS:




SECOND FLOOR PLAN

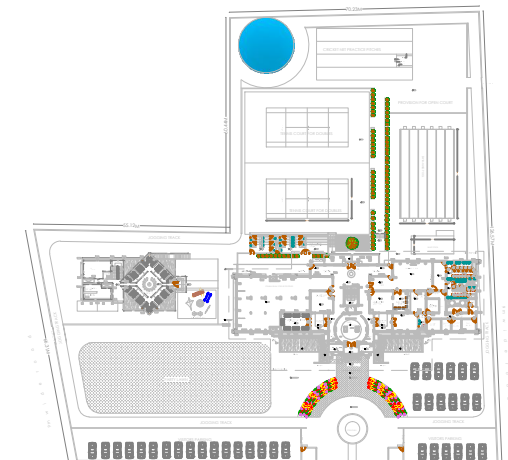


TERRACE FLOOR PLAN

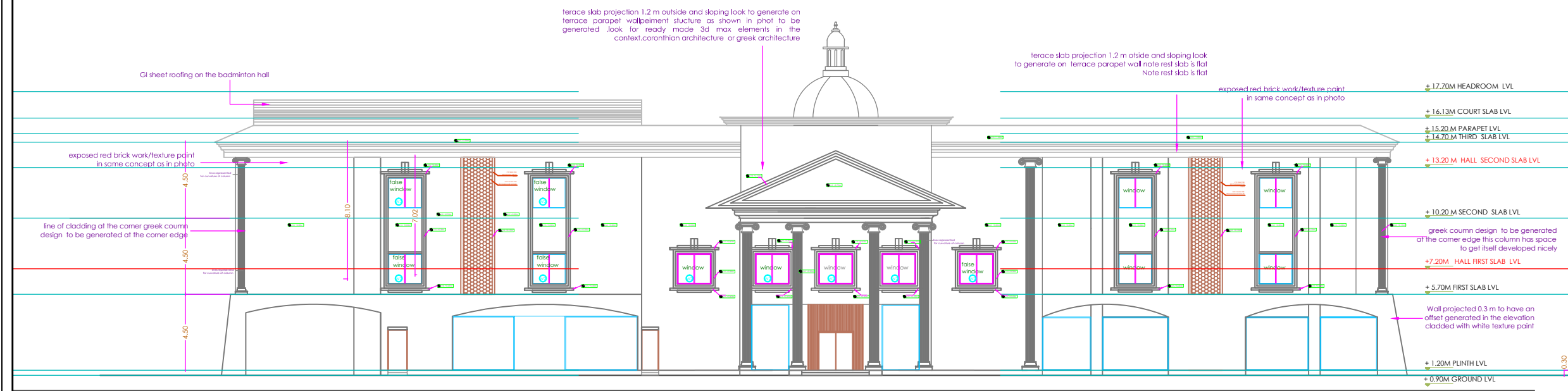


SITE PLAN
SCALE-1:1500

OFFICERS CLUB (PRESIDENT; HON. COLLECTOR, LATUR DISTRICT)	
TITLE OF THE PROJECT PROPOSED OFFICERS CLUB, LATUR	
DRAWN DD	CHECKED : KK
SCALE	DATE:
 Space Magic consultants <small>Redre Arcade ground floor Behind Sushma Hotel, Shivaji Chowk, Latur-413512, Maharashtra, Tel:+91 2382 246 105 Email: km@spacemagic.in Visit: www.spacemagic.in</small>	
ARCHITECTS: KRISHNAKUMAR BANGAD FIAA, COA, FIV, IIID CA/2004/32977	
THIS IS A PRESENTATION DRAWING IT MAY BE MODIFIED DURING EXECUTION	



SITE PLAN
SCALE-1:1500



ELEVATION AT D
SCALE-1:200

OFFICERS CLUB
(PRESIDENT; HON.
COLLECTOR, LATUR DISTRICT)

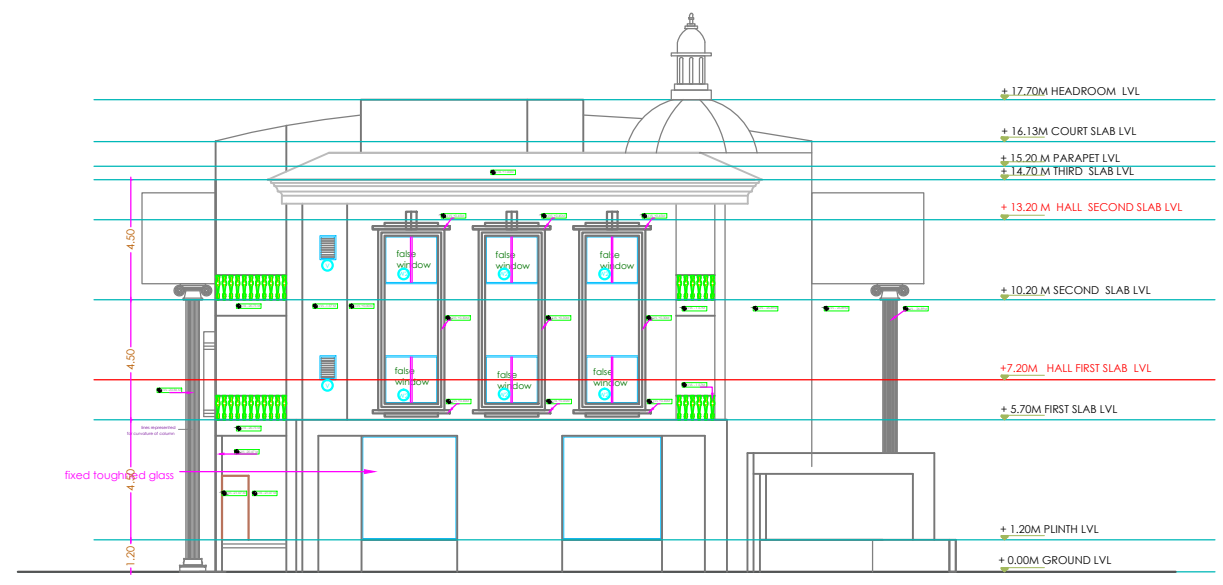
TITLE OF THE PROJECT
PROPOSED OFFICERS CLUB, LATUR

DRAWN DD CHECKED : KK
SCALE DATE:

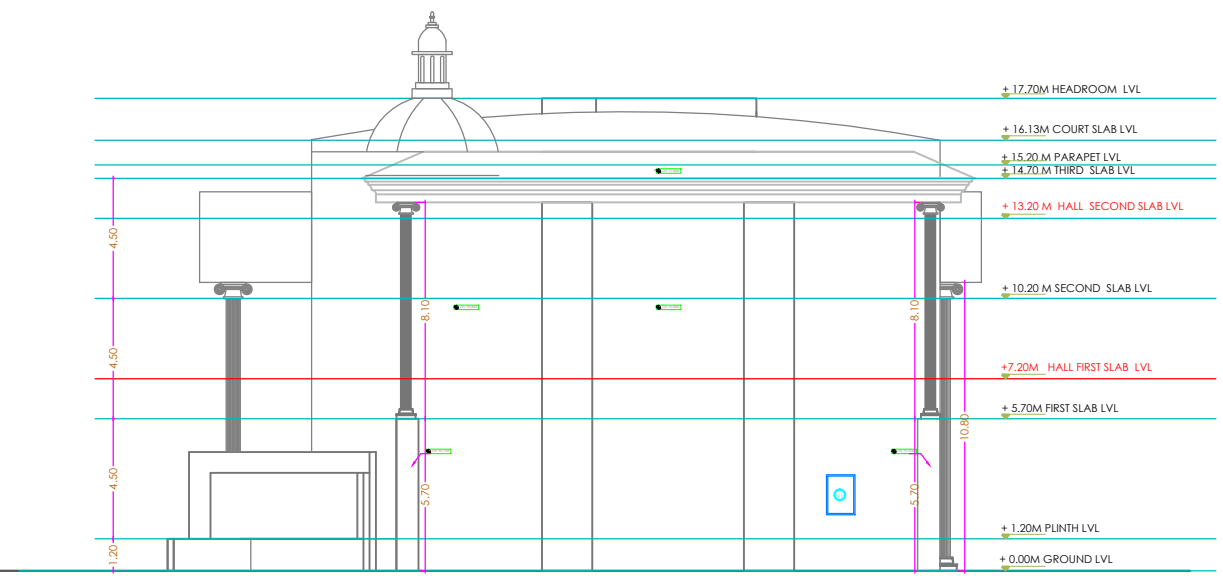


Bedre Arcade, ground floor, Behind Sushma Hotel, Shivaji Chowk,
Latur-413512, Maharashtra.
Tel: +91 2382 246105 Email: kk@spacemagic.in / www.spacemagic.in

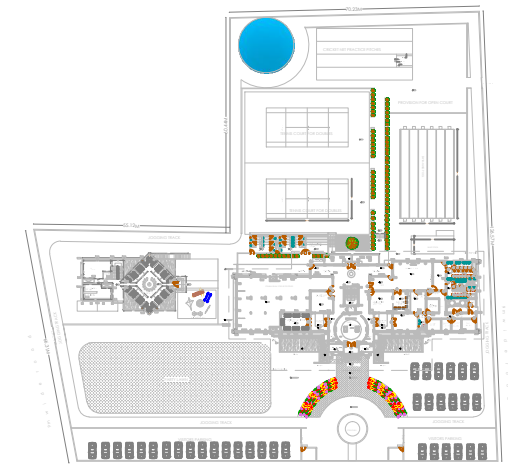
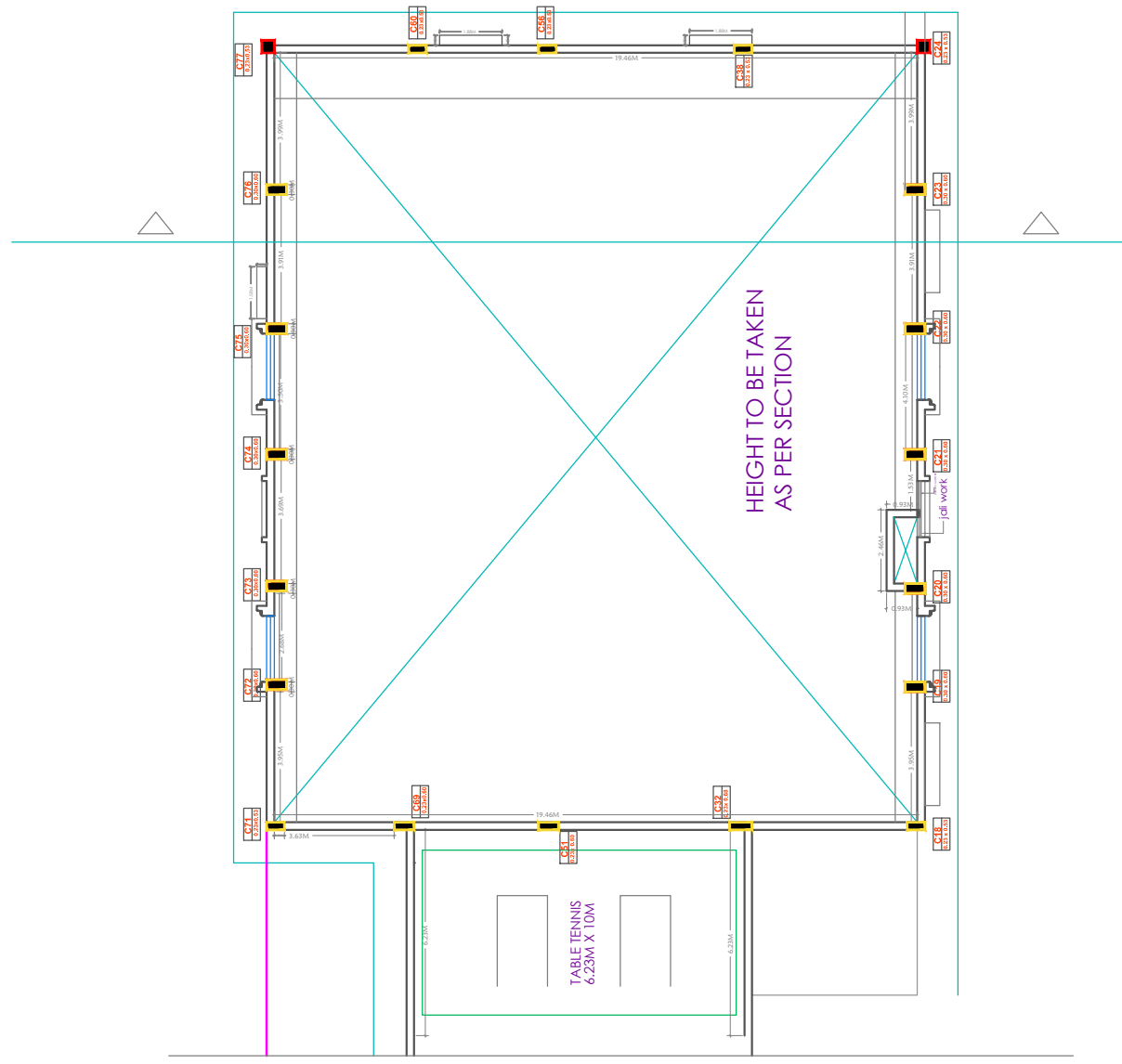
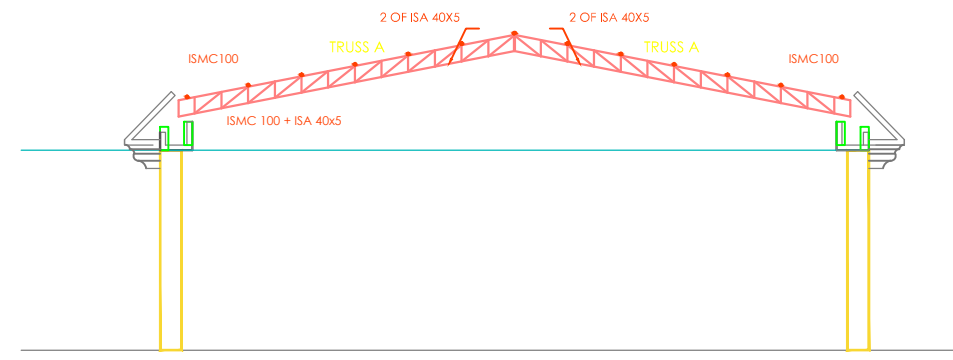
ARCHITECTS:
KRISHNAKUMAR BANGAD
FIIA, COA, FIV, IIID
CA/2004/32977




ELEVATION C
SCALE-1:200



ELEVATION B
SCALE-1:200



SITE PLAN
SCALE-1:1500

 **OFFICERS CLUB**
(PRESIDENT; HON. COLLECTOR, LATUR DISTRICT)

TITLE OF THE PROJECT: PROPOSED OFFICERS CLUB, LATUR

DRAWN: DD CHECKED: KK
SCALE: DATE:

 **Space Magic** consultants
Bedre Arcade, ground floor, Behind Sushma Hotel, Shivaji Chowk, Latour-413512, Maharashtra.
Tel: +91 2382 246105 Email: kk@spacemagic.in / www.spacemagic.in

ARCHITECTS:
KRISHNAKUMAR BANGAD
FIIA, COA, FIV, IIID
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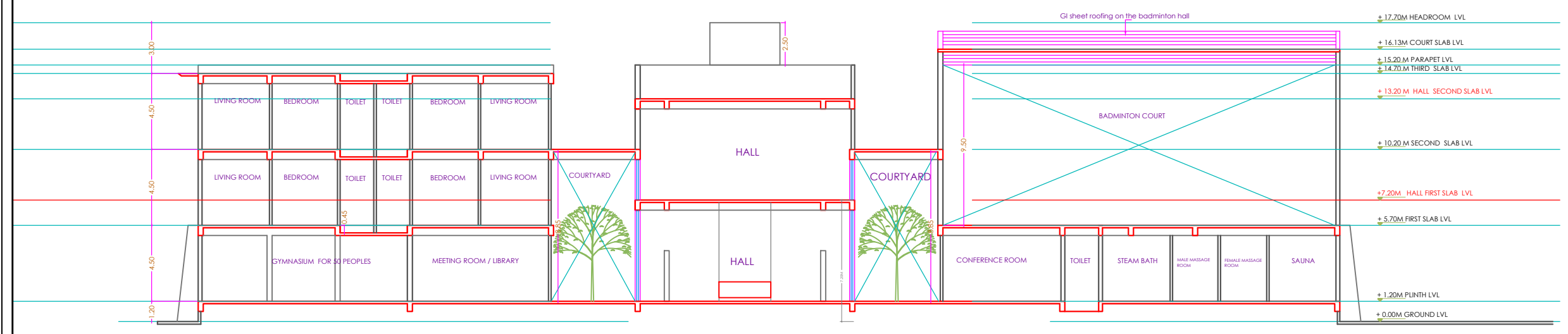
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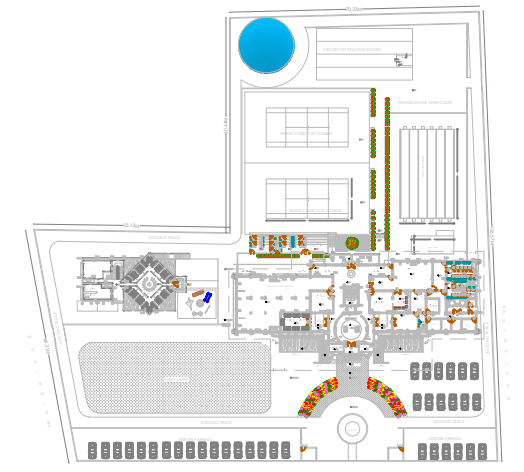
SECTIONS

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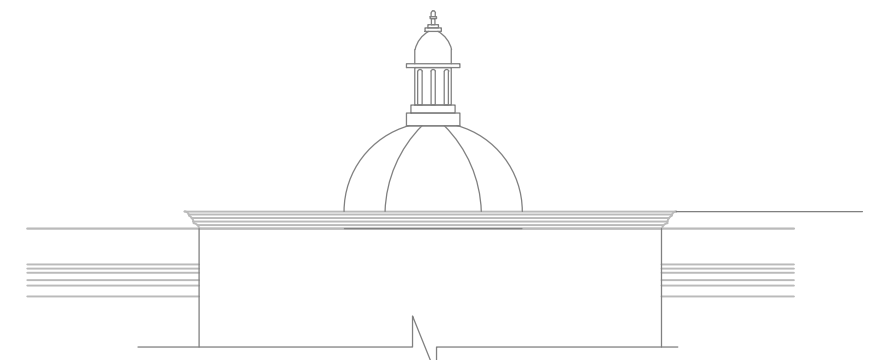
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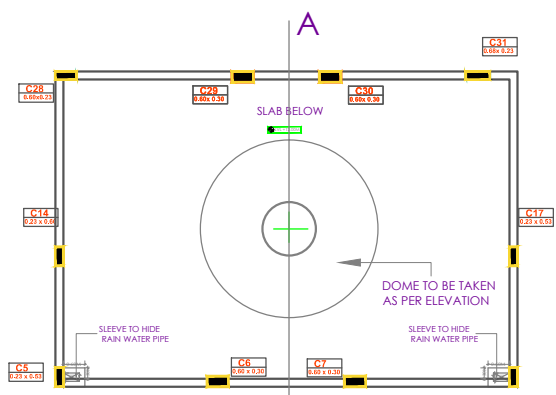
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SCALE-1:200



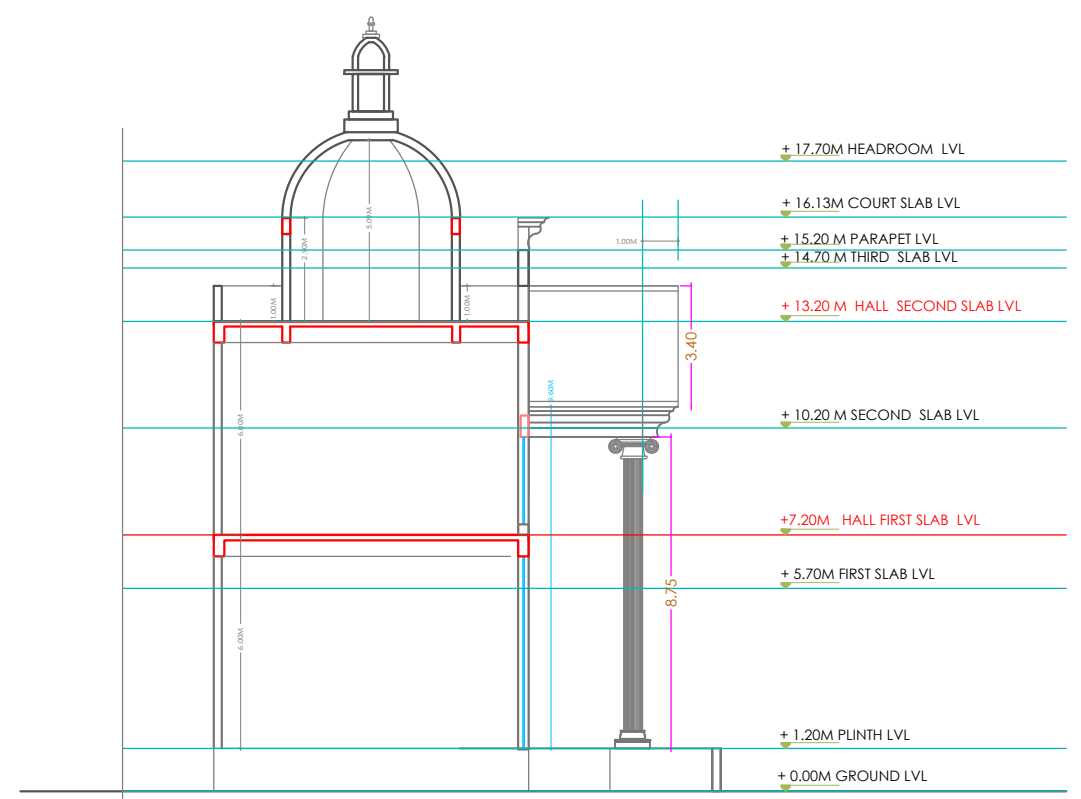
SITE PLAN
SCALE-1:1500



ELEVATION



PLAN



SECTION AA



OFFICERS CLUB
(PRESIDENT; HON.
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TITLE
OF THE
PROJECT

PROPOSED OFFICERS CLUB, LATUR

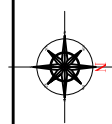
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DD

CHECKED : KK

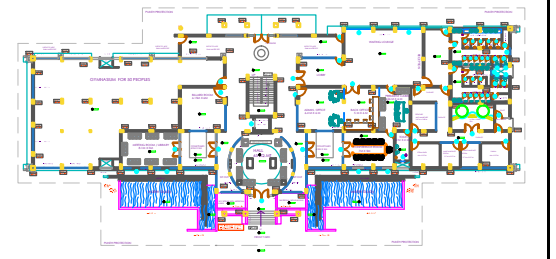
SCALE

DATE:

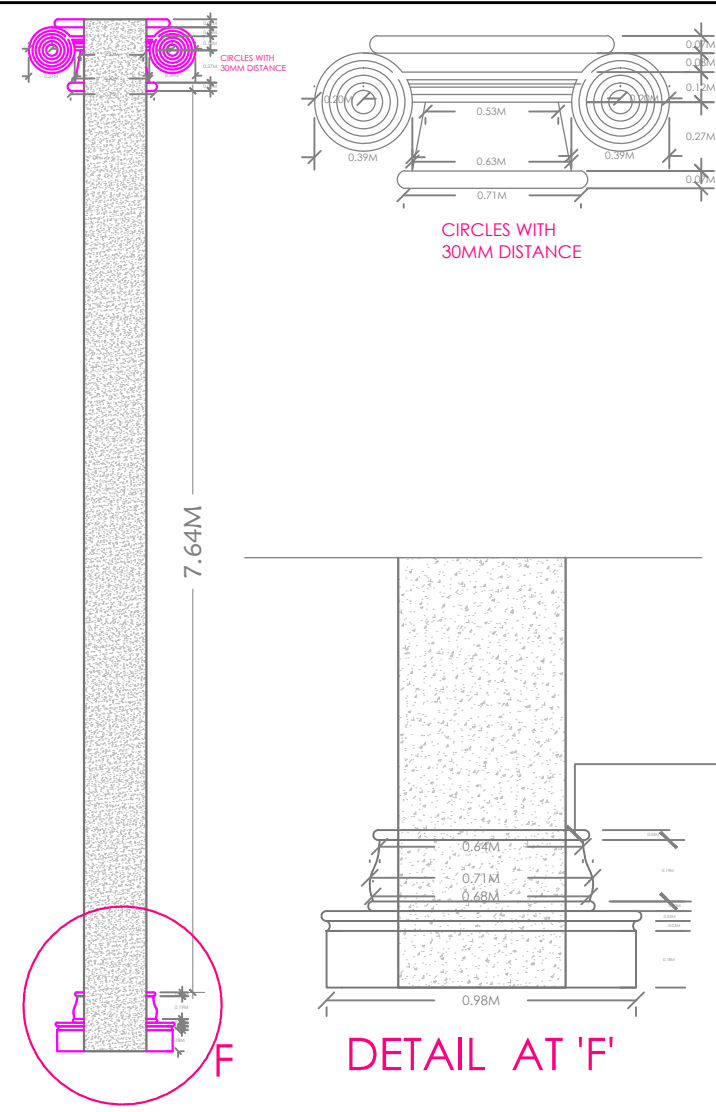
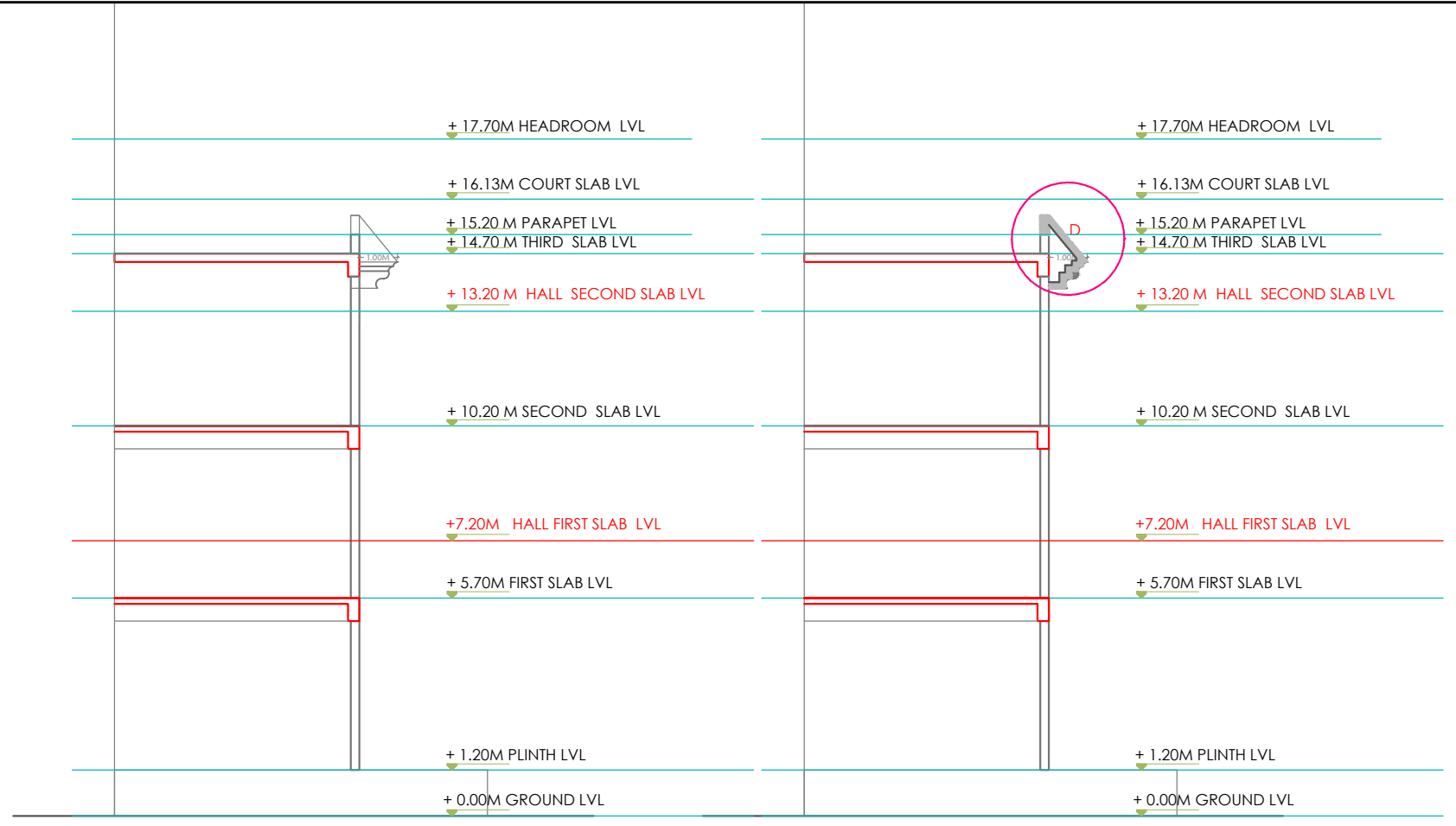


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Tel: +91 2382 246105 Email: kk@spacemagic.in / www.spacemagic.in

ARCHITECTS:
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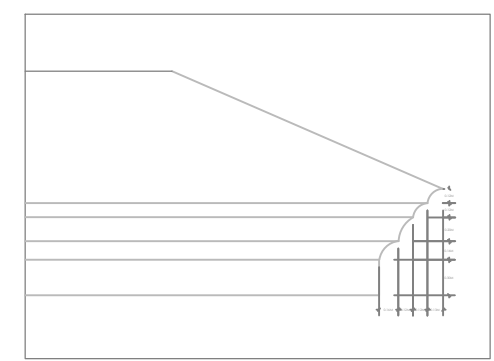


KEY PLAN SCALE-1:750

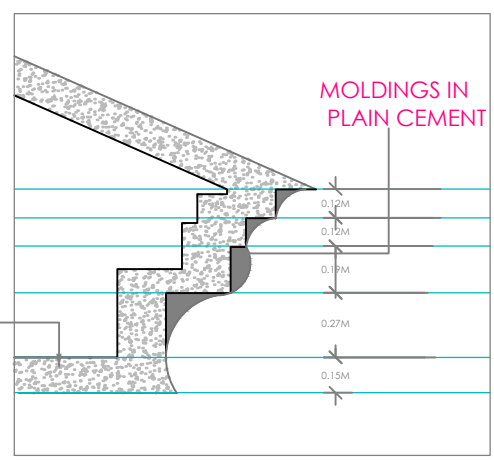


DETAIL AT 'F'

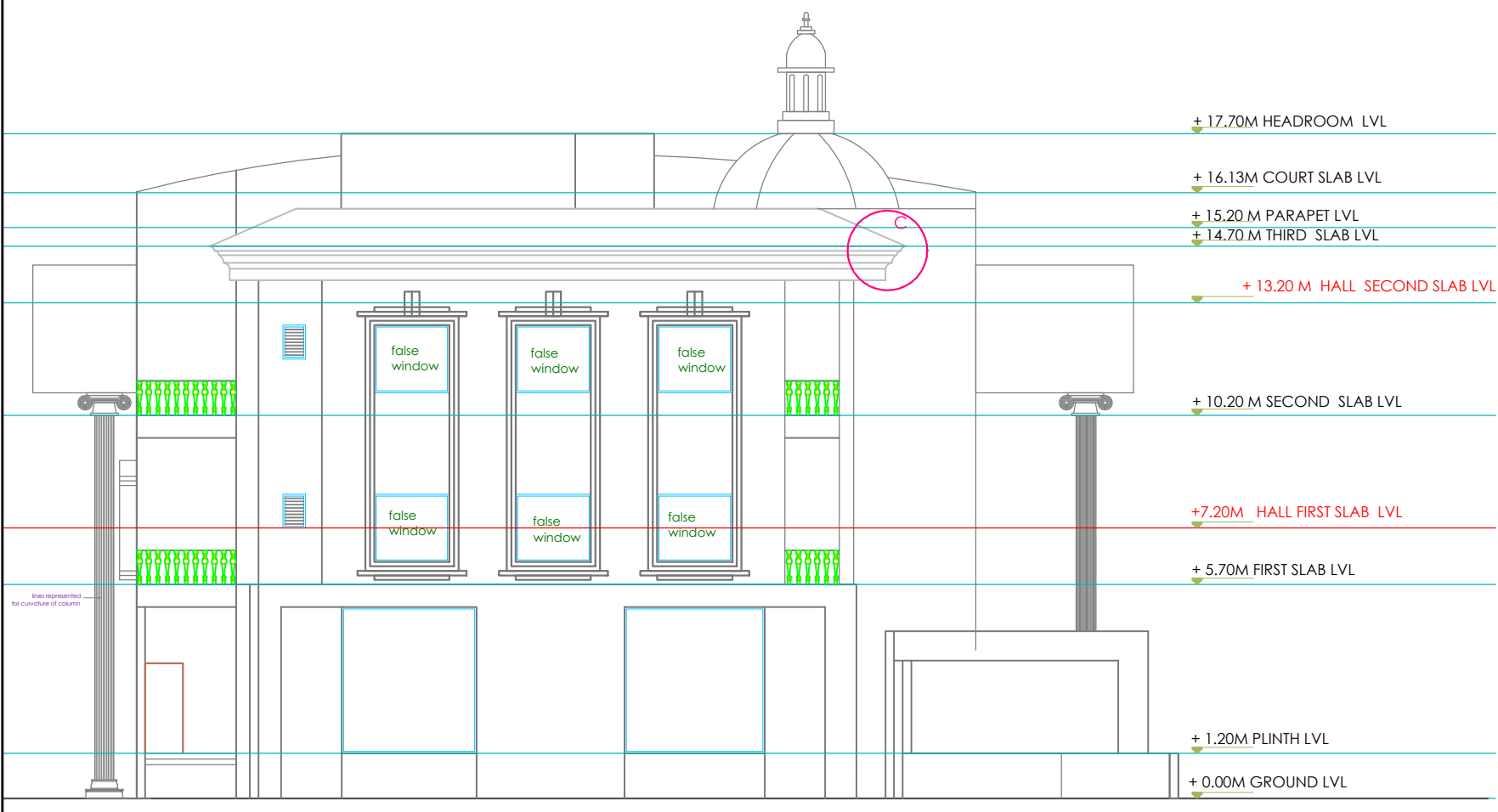
COLUMN DETAIL



DETAIL AT 'C'



DETAIL AT 'D'



ELEVATION C

	OFFICERS CLUB (PRESIDENT; HON. COLLECTOR, LATUR DISTRICT)
TITLE OF THE PROJECT	PROPOSED OFFICERS CLUB, LATUR
DRAWN	CHECKED : KK
SCALE	DATE:
	 Space Magic consultants Bedre Arcade, ground floor, Behind Sushma Hotel, Shivaji Chowk, Latur-413512, Maharashtra, India. Tel: +91 2882 246105 Email: ks@spacemagic.in www.spacemagic.in

ARCHITECTS:
KRISHNAKUMAR BANGAD
FIIA, COA, FIV, IIID
CA/2004/32977

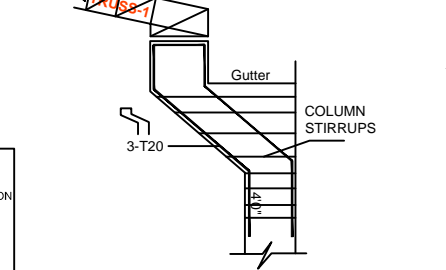
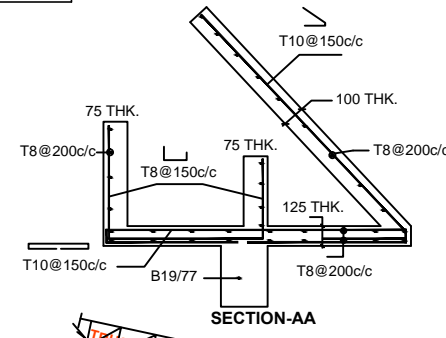
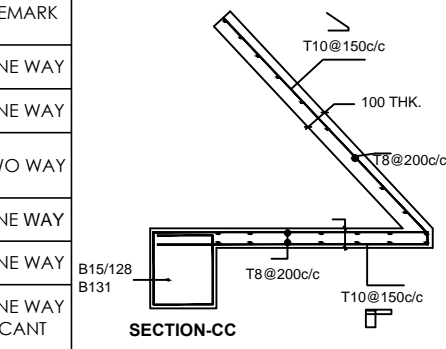
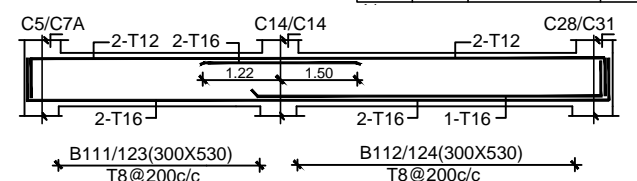
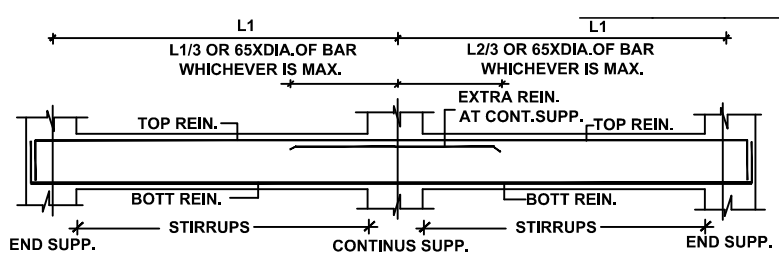
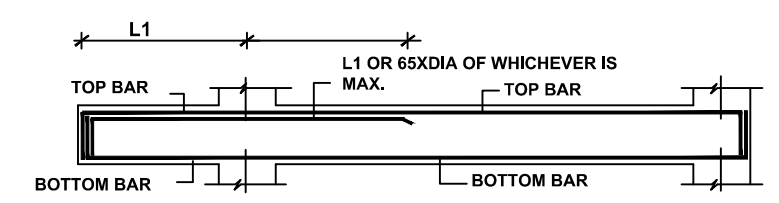
BEAM MKD.	SIZE	BOTT. REIN	TOP REIN	EXTRA @CONT. SUPP.	STIRRUPS BOTH END (L/3 from support)	STIRRUPS BALANCE	REMARK
B1,2,3,70,71,72	230X450	2-T16	2-T16	-----	T8@200c/c	T8@200c/c	as per slop
B6,7,8,67,68,69	230X450	2-T16	2-T16	-----	T8@200c/c	T8@200c/c	as per slop
B9,10,11,12,13,15,16 B17,18,19,20,35,60,61,62 B75,76,77,78,79	230X530	2-T16	2-T12	2-T16	T8@150c/c	T8@200c/c	-----
B12	300X530	2-T20	2-T12	-----	T8@150c/c	T8@200c/c	-----
B14,21,80	230X530	2-T16	2-T12	-----	T8@150c/c	T8@200c/c	-----
B22,24,26,32,38,39,40,41 B42,43,44,45,46,52	230X530	3-T16	2-T12	-----	T8@150c/c	T8@200c/c	-----
B23,56	230X530	2-T16+1-T12	2-T12	-----	T8@200c/c	T8@200c/c	-----
B29	300X530	3-T16	2-T12	2-T20	T8@150c/c	T8@200c/c	-----
B30,106,125	300X530	2-T20+1-T16	2-T12	2-T20	T8@150c/c	T8@200c/c	-----
B30A	300X530	2-T20	2-T12	2-T20	T8@150c/c	T8@150c/c	-----
B31	300X530	2-T20	2-T12	2-T20	T8@200c/c	T8@200c/c	-----
B47,63	230X530	3-T16	2-T12	2-T20	T8@150c/c	T8@200c/c	-----
B48,49,50,51	300X530	2-T20+2-T25	2-T16	-----	T8@100c/c	T8@150c/c	-----
B54,55,57	230X530	3-T16	2-T12	-----	T8@150c/c	T8@200c/c	-----
B58,58A	230X530	2-T20	2-T20	-----	T8@150c/c	T8@200c/c	-----
B64	300X675	2-T25+2-T20	2-T20	2-T25	T8@100c/c	T8@150c/c	2-T12@EFOB
B65	300X675	4-T25+2-T20	2-T16+2-T20	2-T25	T8@100c/c	T8@150c/c	2-T12@EFOB
B66	300X675	2-T25+2-T20	2-T20	-----	T8@100c/c	T8@150c/c	2-T12@EFOB
B59	230X230	2-T12	2-T12	2-T16	T8@150c/c	T8@150c/c	-----
B81,83	300X530	2-T16	2-T12	2-T16	T8@200c/c	T8@200c/c	-----
B82,84	300X530	3-T16	2-T12	2-T16	T8@150c/c	T8@200c/c	-----

ROOF FLOOR BEAM SCHEDULE

BEAM MKD.	SIZE	BOTT. REIN	TOP REIN	EXTRA @CONT. SUPP.	STIRRUPS BOTH END (L/3 from support)	STIRRUPS BALANCE	REMARK
B85	300X530	2-T16	2-T12	-----	T8@150c/c	T8@200c/c	-----
B87,89,98,101	300X675	6-T25	2-T20+2-T16	2-T25	T8@100c/c	T8@150c/c	2-T12@EFOB
B88,90,99,102	300X675	2-T25	2-T20	-----	T8@150c/c	T8@200c/c	-----
B91,92,95,96	150X530	2-T16	2-T12	-----	T8@200c/c	T8@200c/c	-----
B107,126	300X600	2-T25	2-T20	2-T20	T8@100c/c	T8@150c/c	-----
B108,127	300X600	4-T25	2-T20	-----	T8@100c/c	T8@150c/c	-----
B109,110	300X530	2-T20+1-T16	2-T16	-----	T8@150c/c	T8@200c/c	-----
B111,112,B123,124	REFER PROFILE						
B113,120	300X530	4-T20	2-T20	2-T20	T8@100c/c	T8@150c/c	-----
B114,121	300X600	4-T25	2-T20	-----	T8@100c/c	T8@150c/c	-----
B117	300X530	2-T20	2-T16	-----	T8@150c/c	T8@150c/c	-----
B118	300X530	4-T20	2-T16	2-T25	T8@150c/c	T8@200c/c	-----
B119	300X530	2-T20	2-T16	-----	T8@150c/c	T8@200c/c	-----
B128	300X530	2-T20	2-T20	-----	T8@150c/c	T8@200c/c	-----
B129,130,131	230X530	3-T16	2-T12	2-T16	T8@150c/c	T8@200c/c	-----
B132	230X530	3-T16	2-T12	-----	T8@150c/c	T8@200c/c	-----

SECOND FLOOR SLAB SCHEDULE

SLAB MKD	THK.	SHORT SPAN REIN.	LONG SPAIN REIN.	DIST.REIN.	REMARK
S1	125	T10@120C/C ALT BENT	T8@200C/C	T8@200C/C	ONE WAY
S2	125	T10@150C/C ALT BENT	T8@200C/C	T8@200C/C	ONE WAY
S3	125	T10@170C/C ALT BENT	T10@230C/C ALT BENT	T8@200C/C	TWO WAY
S4	125	T10@200C/C ALT BENT	T8@200C/C	T8@200C/C	ONE WAY
S5	125	T8@200C/C ALT BENT	T8@200C/C	T8@200C/C	ONE WAY
S6	125	T8@200C/C ALT BENT BACK	T8@200C/C	T8@200C/C	ONE WAY CANT



NOTE:

- DO NOT SCALE THE DRAWING
- FOUNDATION TO REST ON HARD STRATA
- MINIMUM DEPTH OF EXCAVATION SHOULD BE 1.5M
- CONCRETE AS PER DESIGN MIX UNLESS SPECIFIED
- BASIC REFERENCE CODE IS 456-2000(1-2-3-4 EDITION)
- CONCRETE GRADE SHALL BE M20
- EARTHQUAKE ZONE SPECIFIED IN IS 1893-2016-3rd ZONE
- DUCTILE DESIGN TO SEISMIC FORCES IN IS 13920-2016
- T INDICATES TOR STEEL OF GRADE Fe 500
- Ø INDICATES MILD STEEL OF GRADE Fe 250 N/mm²
- SBC OF SOIL ASSUMED AS 30 T/m²
- CLEAR COVER TO MAIN REIN.
- FOOTING 40mm, COLUMN 25mm, BEAM 35mm, SLAB 20mm
- MINIMUM CEMENT CONTENT & MAXIMUM W/C RATIO USED FOR FOUNDATION CONCRETE SHOULD BE AS PER CLAUSE 1.2.8.2.4.1.9.1.2 (TABLE-5) OF BASIC REFERENCE CODE IS 456-2000(1-2-3-4 EDITION)

DESHUTTERING PERIOD			
SPAN IN M	UP TO 4.5 M	ABOVE 4.5 M	ABOVE 6.0 M
SLAB	7 DAYS	14 DAYS	14 DAYS
BEAM	14 DAYS	21 DAYS	21 DAYS

- FOR CANTILEVER BEAMS TOP REINFORCEMENT TO BE ANCHORED BEHIND FOR 80 X D OR SPAN OF CANTILEVER WHICHEVER IS GREATER [D = DIA. OF BAR]
- BAR BENDING SHOULD BE AS PER DETAILS GIVEN
- LAP LENGTH FOR
 - BEAMS & SLABS 60 X D [D = DIAMETER OF BAR]
 - COLUMNS = 45 X D [D = DIAMETER OF BAR]
- ALL LAPS SHOULD BE STAGGERED & NOT MORE THAN 50% BARS TO BE LAPPED AT ANY GIVEN SECTION.
- ALL COLUMNS OF FRAME SHOULD BE TIED IN BOTH DIRECTIONS BY THE BEAMS/PLINTH BEAMS AT GROUND LEVEL/PLINTH LEVEL EVEN IF HEIGHT OF COLUMNS IS WITHIN MAXIMUM ALLOWABLE HEIGHT LIMITS.
- AT ANY LEVEL WHERE COLUMN SIZE GETS REDUCED IN EITHER DIMENSIONS, TIE OR PLINTH BEAMS ARE REQUIRED.
- IF FOOTINGS OVERLAP EACH OTHER, NECESSARY REVISION SHOULD BE OBTAINED FROM OUR OFFICE.
- DO NOT CAST ANY R.C.C. WORK UNLESS IT IS CHECKED AND CONFIRMED BY R.C.C. DESIGNER
- COLUMNS ORIENTATION AS PER ARCHITECTURAL CENTER LINE PLAN.
- ALL REIN. SHALL BE BENT UP AS SHOWN TO SATISFY THE DEVELOPMENT LENGTH CRITERIA AS PER 465/2000 (FOR DEVELOPMENT LENGTH REFER SECT-DD)
- IF THERE ANY DEVIATION REFERENCE SHALL BE MADE TO THIS OFFICE BEFORE EXECUTION

- FOR BEAMS HAVING WIDTH OF 6" [150 MM] PROVIDE ONLY TWO BARS IN ANY ONE LAYER & FOR BEAMS HAVING WIDTH OF 9" [230 MM] PROVIDE ONLY THREE BARS IN ANY ONE LAYER.
- PROPER CHAIRS TO BE PROVIDED TO ENSURE SPECIFIED THICKNESS OF SLAB TO RETAIN THE TOP BARS IN PROPER POSITION & ALSO PROVIDE PROPER COVERING & PINS FOR BEAM REINFORCEMENT FIRST STIRRUPS IN BEAM SHOULD START FROM ITS FACE OF SUPPORT [i.e. FROM COLUMN OR BEAM FACE.]
- PROVIDE LINKS FOR COLUMN REINFORCEMENT IN JUNCTION OF COLUMN, BEAMS & SLABS AS PER LINKS SPACING MENTIONED IN OUR DRAWING.
- OUR RESPONSIBILITY SHALL REMAIN LIMITED TO SAFE AND SOUND STRUCTURAL DESIGN.
- ALL STRUCTURAL CONCRETE SHALL BE WEIGHT BATCHED, MACHINE MIXED AND MECHANICALLY VIBRATED.

DESHUTTERING PERIOD			
SPAN IN M	UP TO 4.5 M	ABOVE 4.5 M	ABOVE 6.0 M
SLAB	7 DAYS	14 DAYS	14 DAYS
BEAM	14 DAYS	21 DAYS	21 DAYS

- WE SHALL NOT REMAIN RESPONSIBLE FOR
 - CONCRETE MIX, QUALITY, SHUTTERING, CURING, SUBSTANDARD CONSTRUCTION MATERIAL, WORKMANSHIP & FAULTY CONSTRUCTION PROCEDURE.
 - SAFETY OF OLD STRUCTURE DURING DEMOLITION AND SAFETY OF ABUTTING STRUCTURE / BUILDING. ANY ACCIDENT OCCURRING DUE TO CONSTRUCTION OF ELEMENT OF BUILDING NOT DESIGNED BY US.
- PROPER PRECAUTIONS SHOULD BE TAKE BY SHORING, STRUTTING ETC. TO MAINTAIN THE STABILITY OF ABUTTING STRUCTURES. STRUCTURAL CONSULTANT SHOULD BE INFORMED IF ANY GUIDANCE IS REQUIRED FOR THE SAME.
- SUPERVISION, IF SPECIFICALLY ASKED FOR, WILL BE PROVIDED TO THE EXTENT OF VERIFICATION OF REINFORCEMENT ON SITE BUT RESPONSIBILITY REGARDING CORRECT & SOUND CONSTRUCTION SHALL SOLELY REST WITH CONTRACTOR / BUILDER / OWNER.
- ANY DISCREPANCY BETWEEN OUR DRAWING & ARCHITECT'S DRAWING SHALL BE BROUGHT TO OUR NOTICE BEFORE EXECUTION OF WORK, DO NOT SCALE THE DRAWING.
- FORMWORK OF CANTILEVER CANOPY, CHAJJA ETC. SHOULD NOT BE REMOVED WITHOUT PERMISSION OF THE STRUCTURAL CONSULTANT.

STRUCTURAL CONSULTANT
 SANJAY JATHADE M.TECH.(STR)
 'ROYAL PLAZA' COMPLEX F.FLOOR.S.NO.12, MURARGI PETH
 BEHIND BHAGWAT PETROL PUMP, SOLAPUR-413001
 CELL.9423589358 Email-sanjay_jathade@rediffmail.com

OFFICERS CLUB
 (PRESIDENT; HON. COLLECTOR, LATUR DISTRICT)

TITLE OF THE PROJECT
 PROPOSED OFFICERS CLUB, LATUR

DRAWN DD **CHECKED** : KK
SCALE **DATE**:



ARCHITECTS:
 KRISHNAKUMAR BANGAD
 FIAA, COA, FIV, IIID
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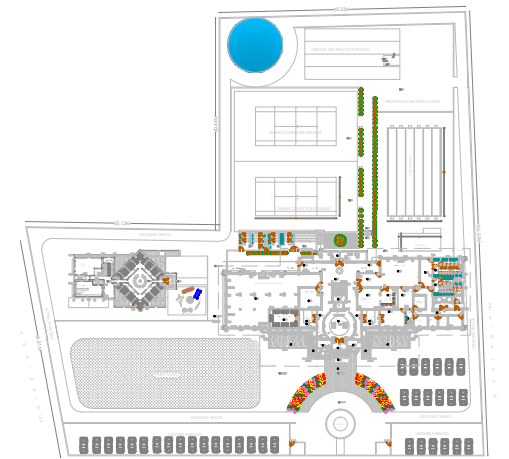
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BUILDING TYPE-
MAIN BUILDING

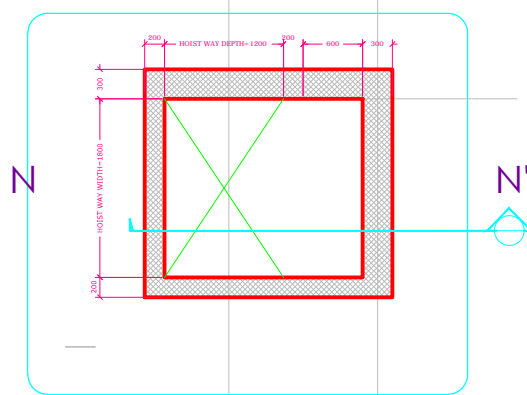
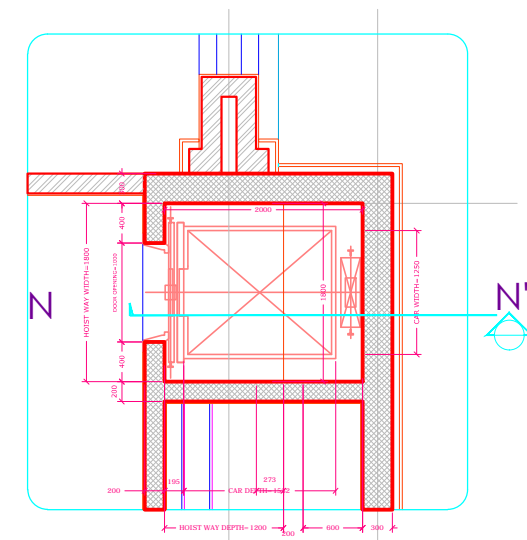
GROUND FLOOR & FIRST FLOOR PLAN

TITLE: LIFT DETAILS

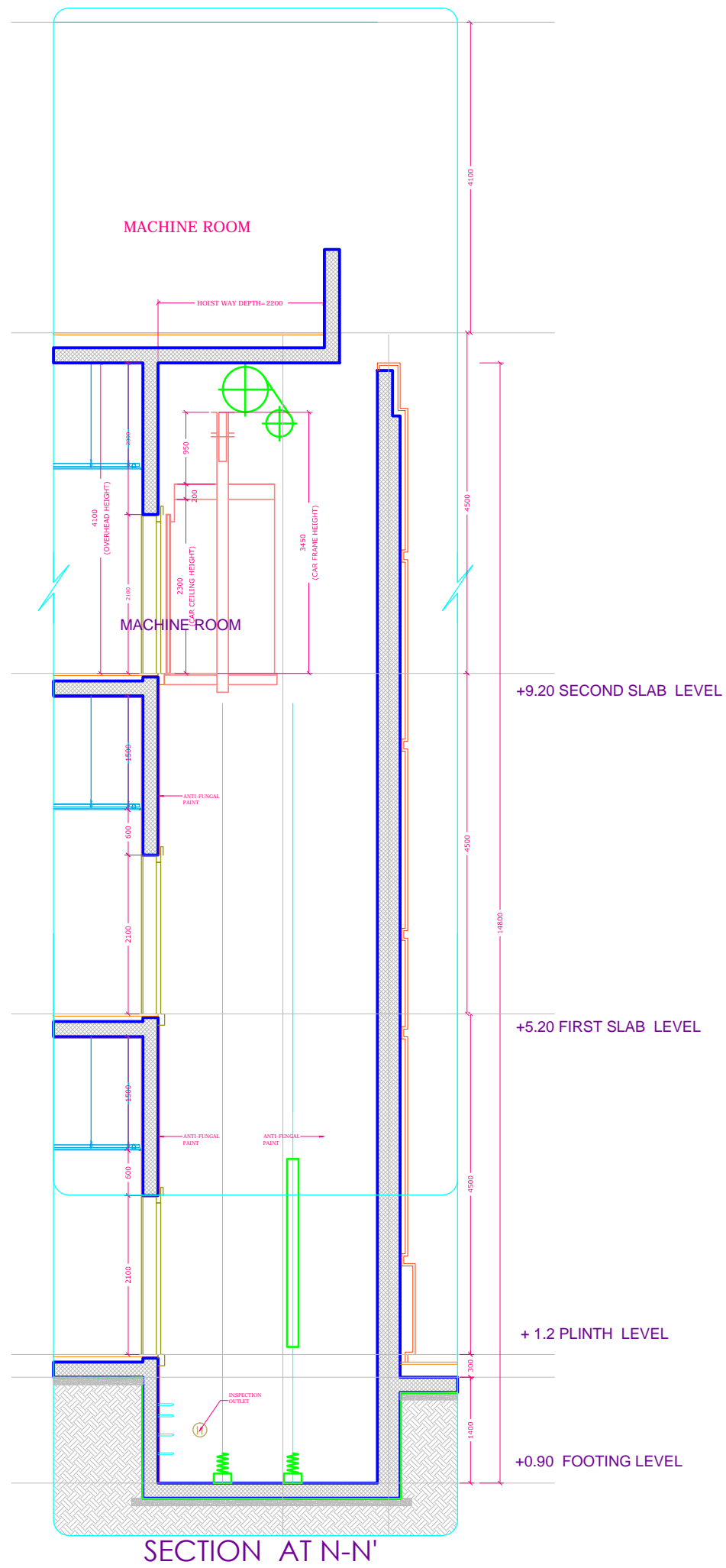
SPECIFICATIONS:



SITE PLAN
SCALE-1:1500



LIFT PLAN



SECTION AT N-N'



OFFICERS CLUB
(PRESIDENT; HON.
COLLECTOR, LATUR DISTRICT)

TITLE
OF THE
PROJECT

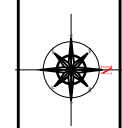
PROPOSED OFFICERS CLUB, LATUR

DRAWN

CHECKED : KK

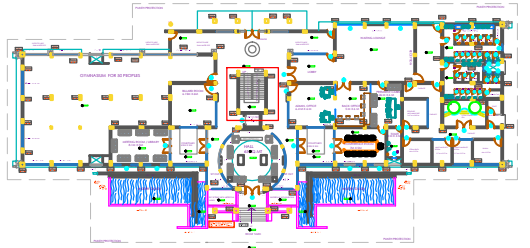
SCALE

DATE:

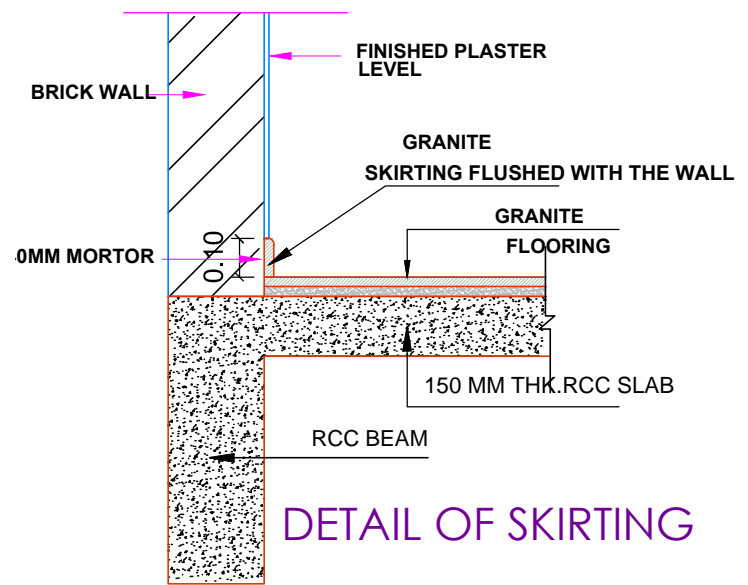


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Tel:+91 2382 246105 Email: kk@spacemagic.in Visit: www.spacemagic.in

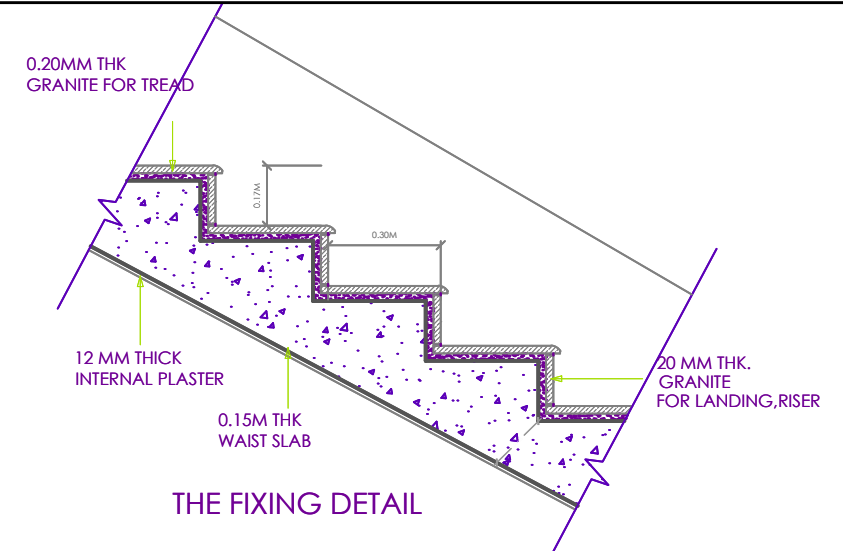
ARCHITECTS:
KRISHNAKUMAR BANGAD
FIIA, COA, FIV, IIID
CA/2004/32977



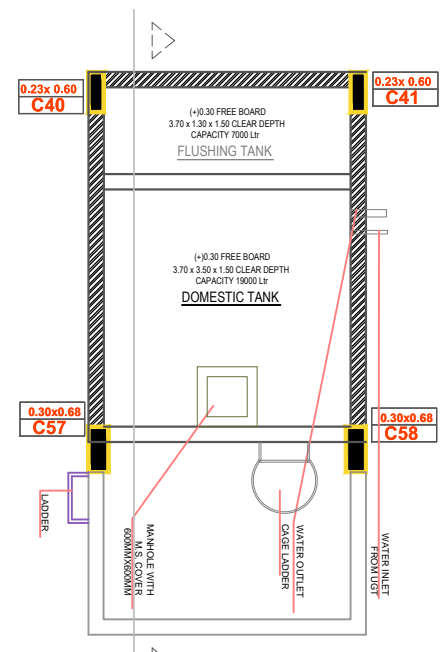
KEY PLAN
SCALE-1:750



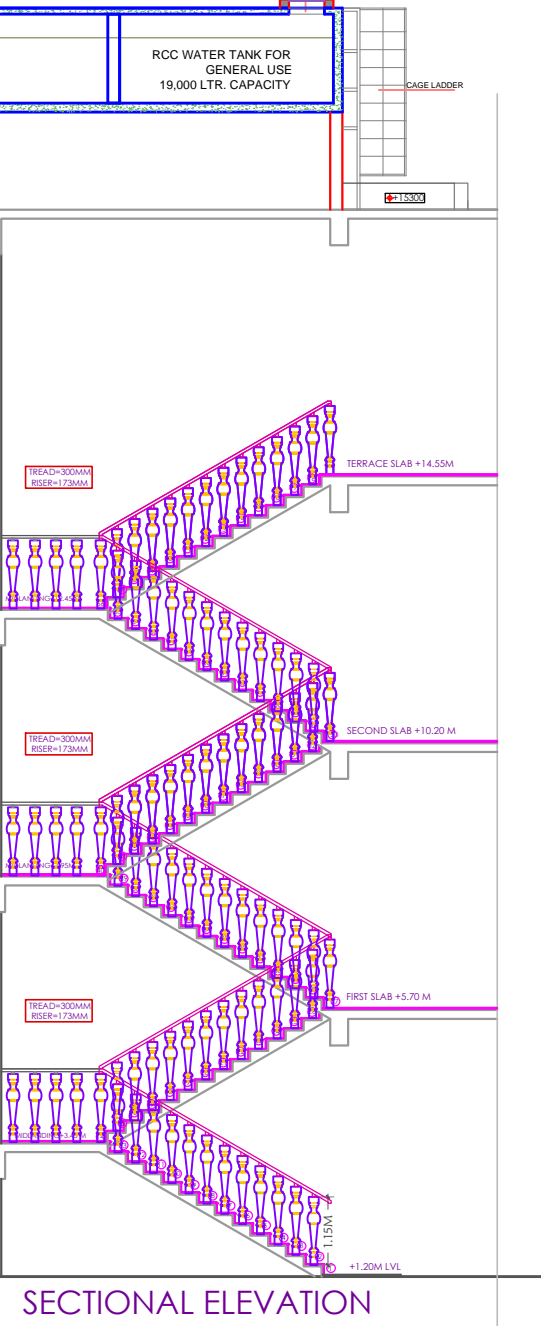
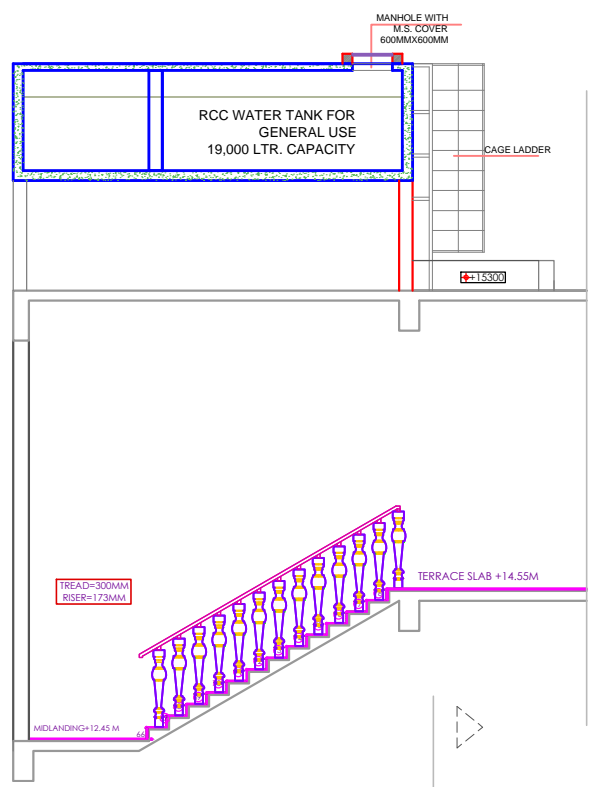
DETAIL OF SKIRTING



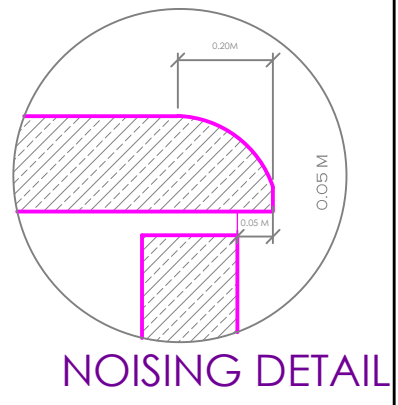
THE FIXING DETAIL



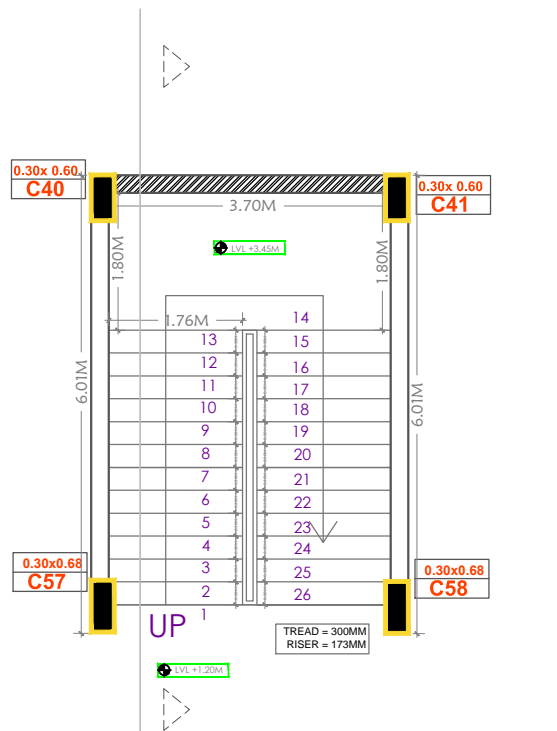
PLAN AT O.H.T. LVL



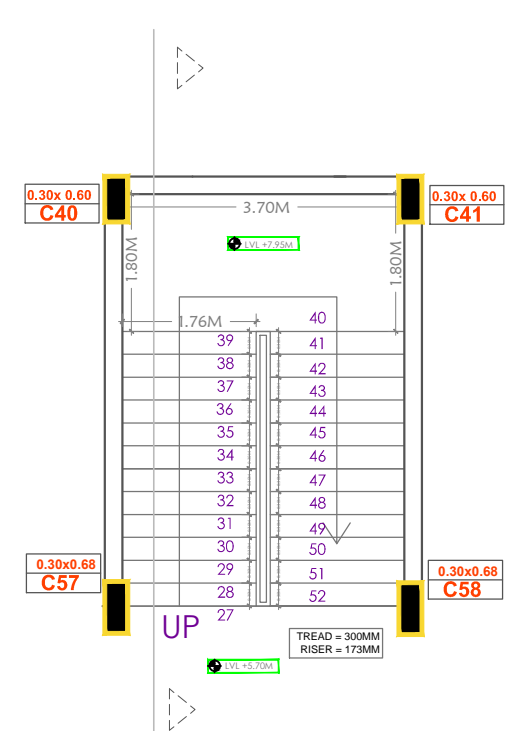
SECTIONAL ELEVATION



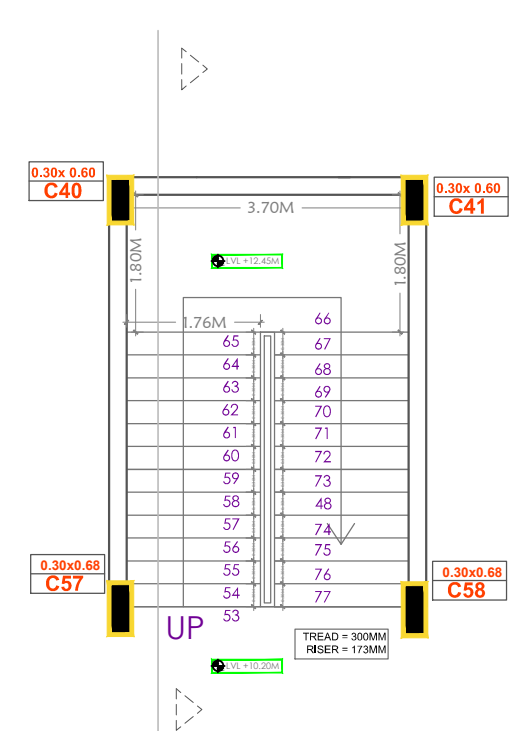
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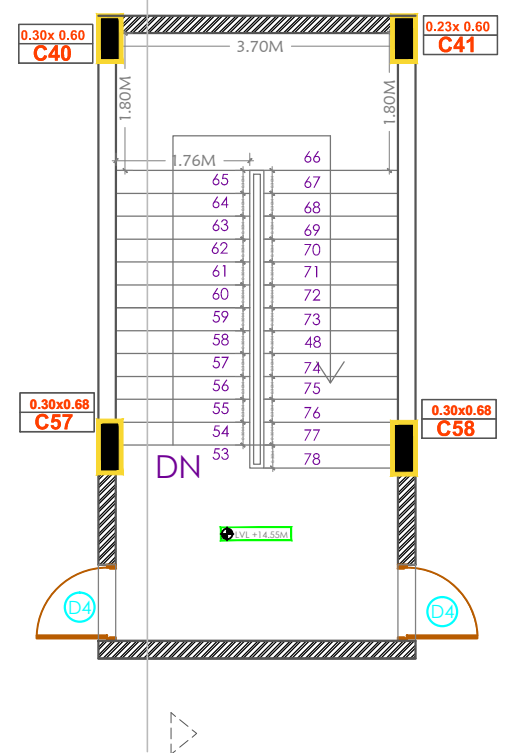
GROUND FLOOR PLAN



FIRST FLOOR PLAN



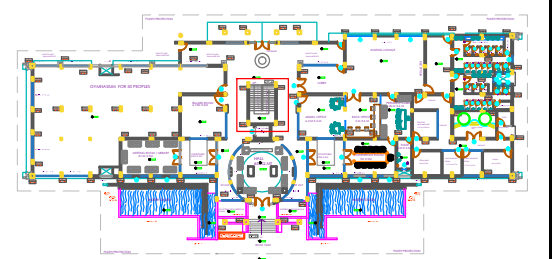
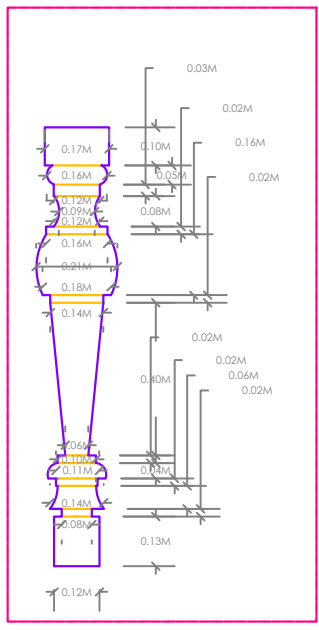
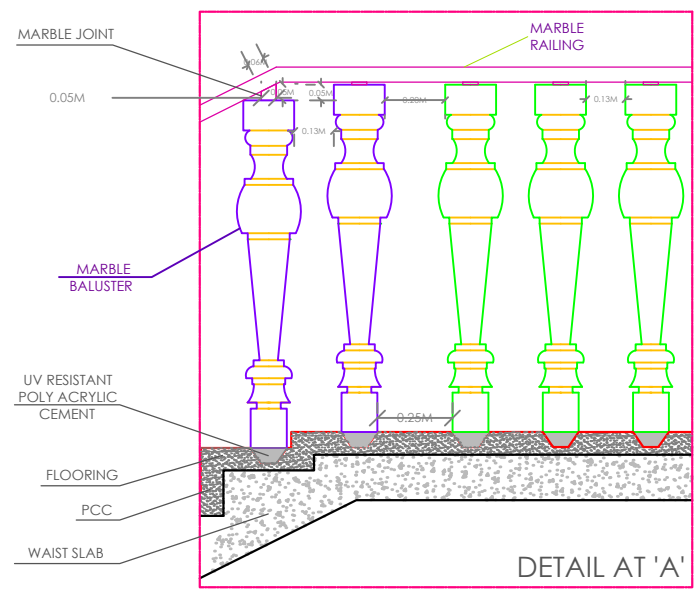
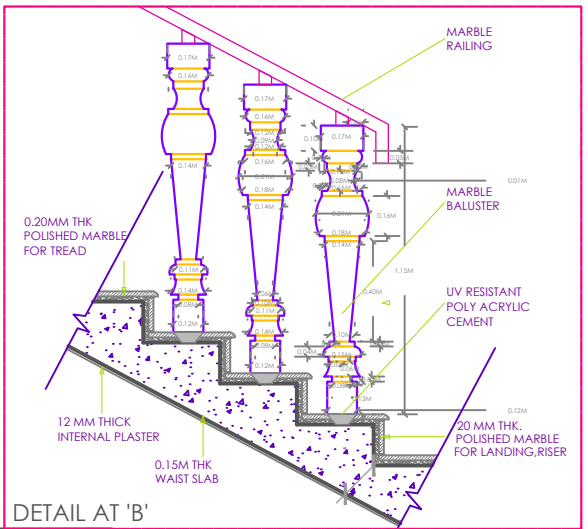
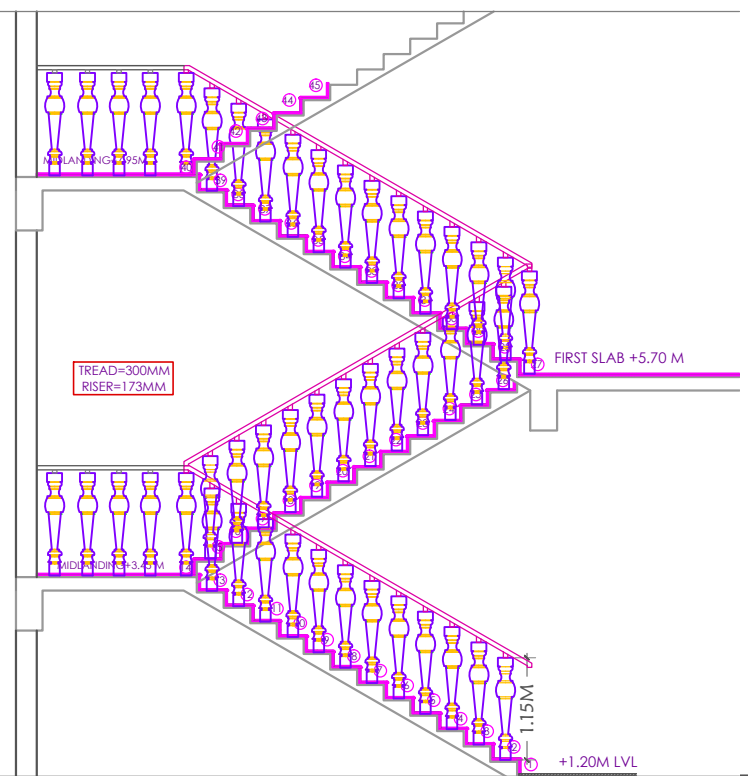
SECOND FLOOR PLAN



TERRACE PLAN

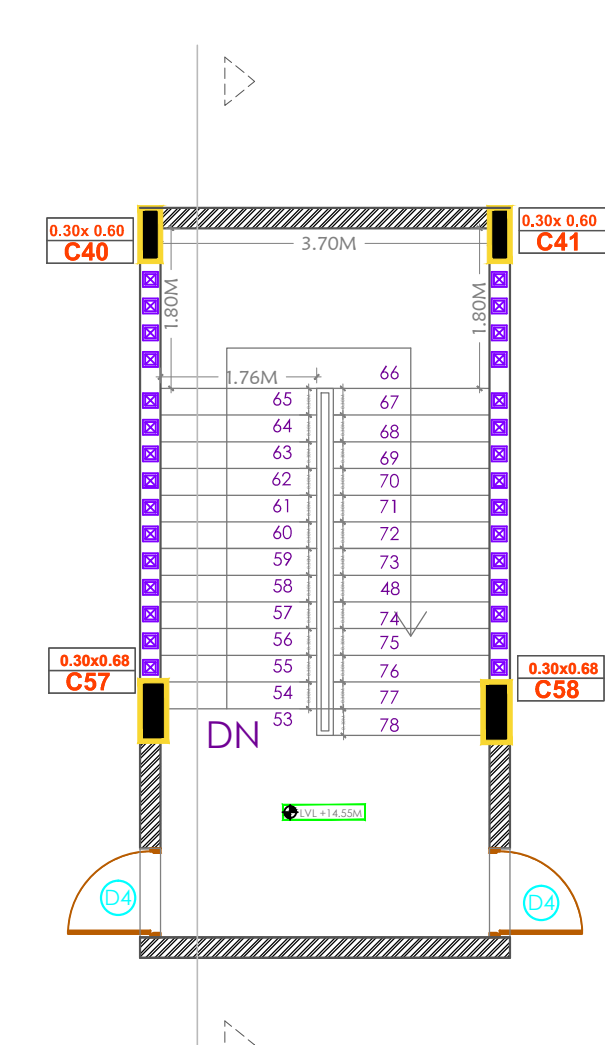
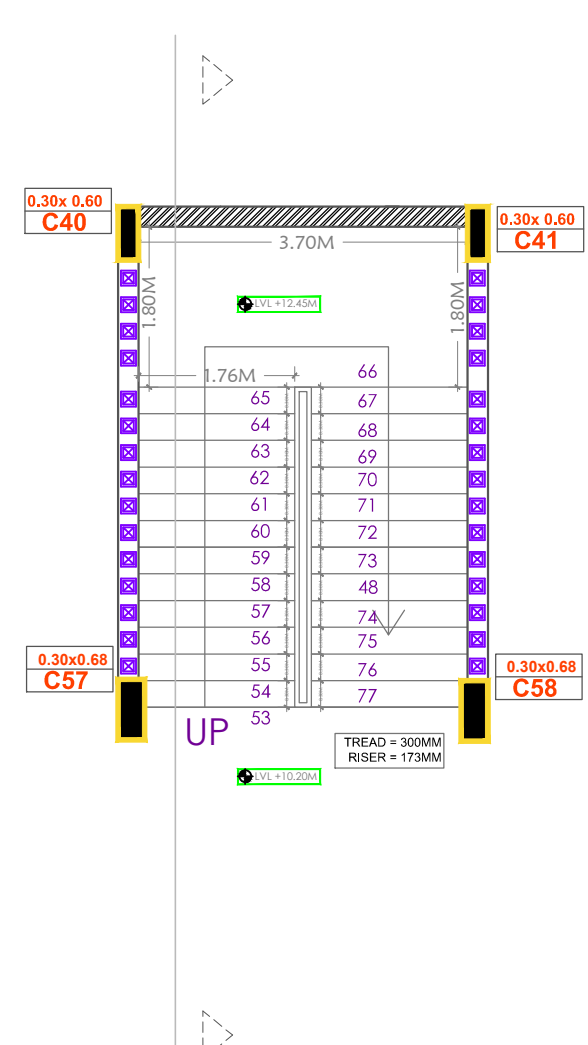
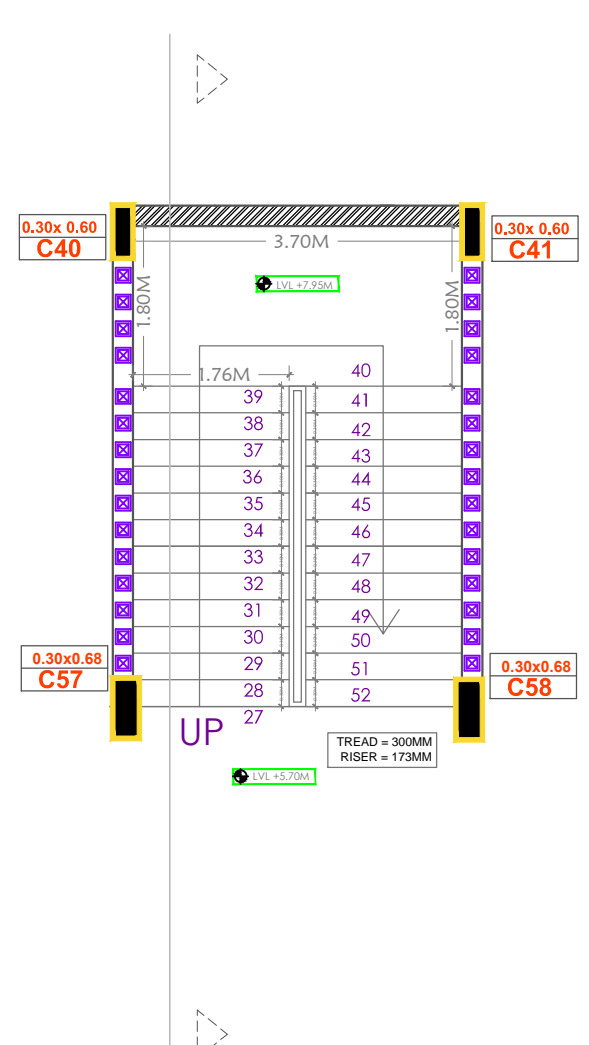
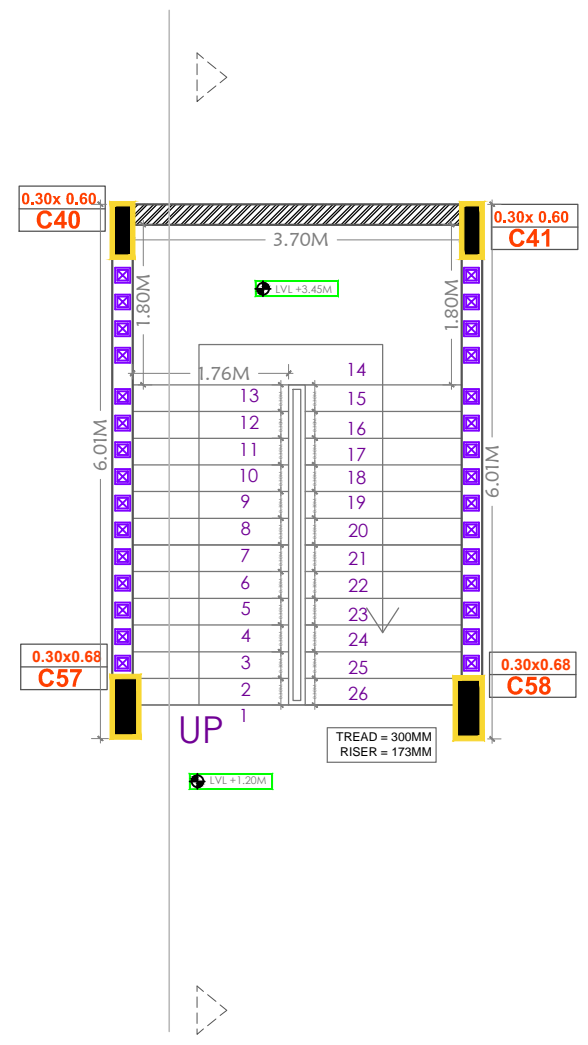
	OFFICERS CLUB (PRESIDENT; HON. COLLECTOR, LATUR DISTRICT)
	TITLE OF THE PROJECT PROPOSED OFFICERS CLUB, LATUR
DRAWN	CHECKED : KK
SCALE	DATE:
	ARCHITECTS: KRISHNAKUMAR BANGAD FIIA, COA, FIV, IIID CA/2004/32977

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KEY PLAN
SCALE-1:750

SECTIONAL ELEVATION



GROUND FLOOR PLAN

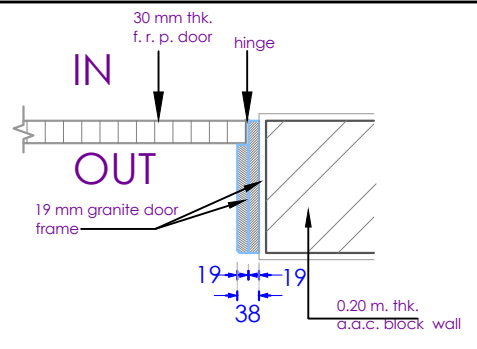
FIRST FLOOR PLAN

SECOND FLOOR PLAN

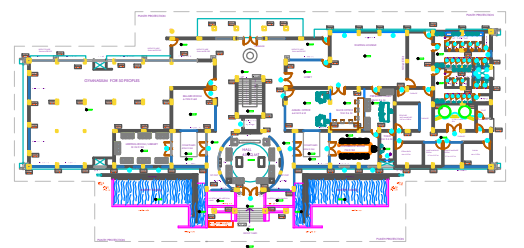
TERRACE PLAN

	OFFICERS CLUB (PRESIDENT; HON. COLLECTOR, LATUR DISTRICT)	
	TITLE OF THE PROJECT PROPOSED OFFICERS CLUB, LATUR	
DRAWN	CHECKED : KK	
SCALE	DATE:	
Bedre Arcade, ground floor, Behind Sushma Hotel, Shivaji Chowk, Latur-413512, Maharashtra. Tel: +91 2382 246105 Email: kk@spacemagic.in www.spacemagic.in		

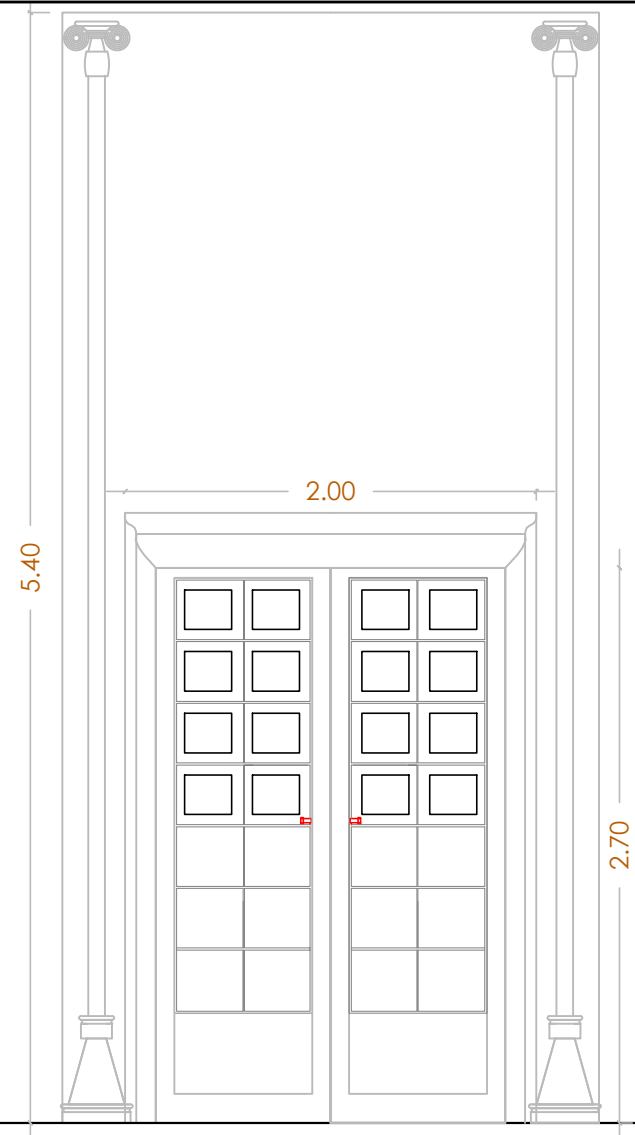
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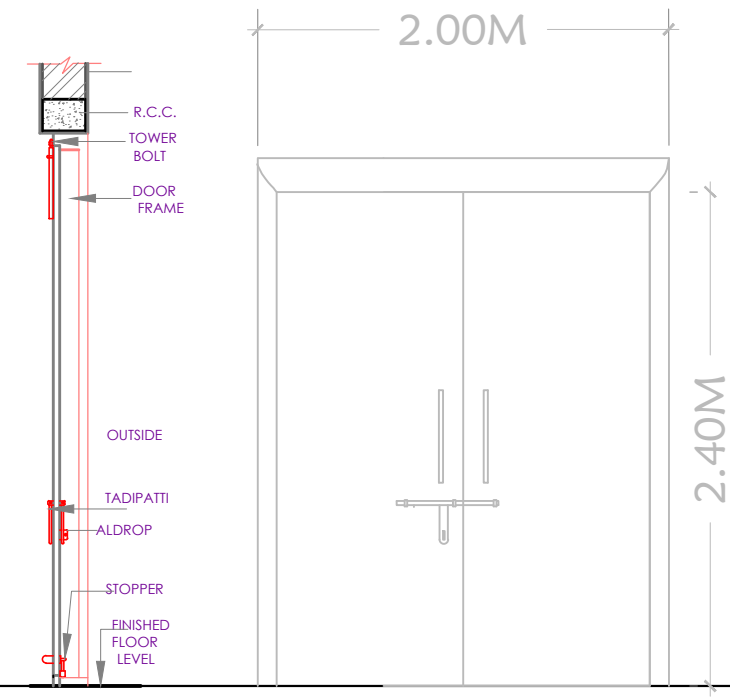
DETAIL AT-X



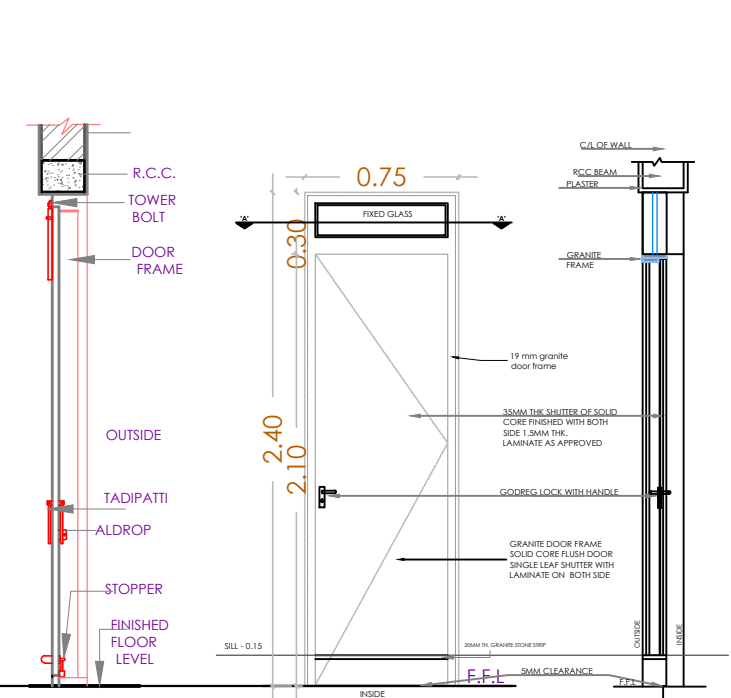
KEY PLAN
SCALE: 1:750



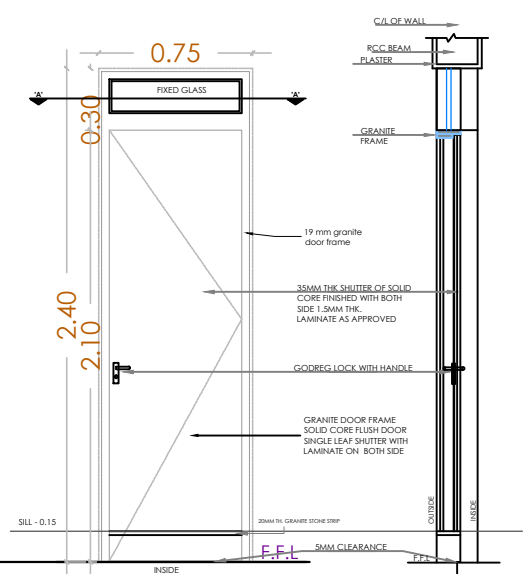
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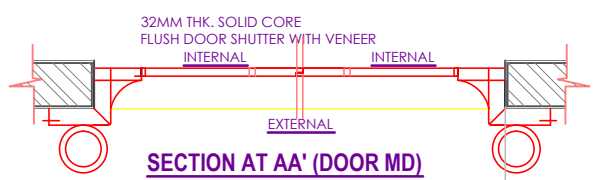
SECTION - Y Y



SECTION - Y Y

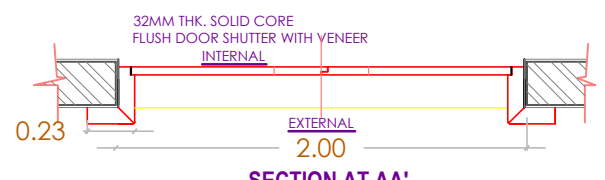


ELEVATION



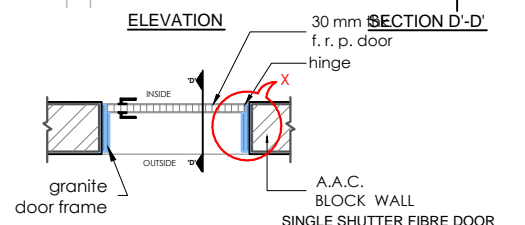
SECTION AT AA' (DOOR MD)

LOCATION - MD (2.00 X 2.70 M) MAIN DOOR



SECTION AT AA'

LOCATION - D1(2.00 X 2.40 M) ALL DOOR
D2(1.57 X 2.40 M) ALL DOOR
D3(1.20 X 2.40 M) ALL DOOR
D4(1.00 X 2.40 M) ALL DOOR



SECTION D-D'

LOCATION - D5(0.75 X 2.40 M) ALL TOILET DOOR
D6(0.60 X 2.40 M) ALL TOILET DOOR

S.NO	NAME	SIZE	LINTEL LVL	SPECIFICATION	HINGE	TOWER BOLT	TADIPATTI	HANDLE	ALDROP
1	MD	2.00MX2.70M	2.70	TEAK WOOD DOOR FRAME IN PANELLING TYPE OF THK 0.04 M AS SHOWN IN DRG AND INSTALLED AT SITE WITH THE USE OF ANCHOR FASTENER OF REQUIRED STRENGTH AS APPROVED DOUBLE LEAF PANELLER DOOR SHUTTER WITH TEAK WOOD STYLES, TOP RAIL AND INTERMEDIATE RAILS (IF REQUIRED) OF SIZE 100MMX40MM, LOCK AND BOTTOM RAIL OF SIZE 200MM X40MM WITH INSERT PANELS OF 19MM THK BOTH SIDES WATER PROOF PLYWOOD WITH VENEER OF APPROVED MAKE WITH FIXTURES OF APPROVED MAKE	SIX HINGES OF 0.150 M HEAVY DUTY CHROME PLATED	0.30 M LONG HEAVY DUTY BRASS PLATED TWO TOWER BOLT INTERNALLY	0.30 M LONG HEAVY DUTY BRASS PLATED INTERNALLY	0.30 M LONG HEAVY DUTY BRASS PLATED EXTERNAL SIDE & INTERNAL SIDE BOTH	0.45 M LONG HEAVY DUTY BRASS PLATED EXTERNAL SIDE
1	D1	2.00MX2.40M	2.40	TEAK WOOD DOOR FRAME IN PANELLING TYPE OF THK 0.04 M AS SHOWN IN DRG AND INSTALLED AT SITE WITH THE USE OF ANCHOR FASTENER OF REQUIRED STRENGTH AS APPROVED DOUBLE LEAF PANELLER DOOR SHUTTER WITH TEAK WOOD STYLES, TOP RAIL AND INTERMEDIATE RAILS (IF REQUIRED) OF SIZE 100MMX40MM, LOCK AND BOTTOM RAIL OF SIZE 200MM X40MM WITH INSERT PANELS OF 19MM THK BOTH SIDES WATER PROOF PLYWOOD WITH VENEER OF APPROVED MAKE WITH FIXTURES OF APPROVED MAKE	SIX HINGES OF 0.150 M HEAVY DUTY CHROME PLATED	0.30 M LONG HEAVY DUTY BRASS PLATED TWO TOWER BOLT INTERNALLY	0.30 M LONG HEAVY DUTY BRASS PLATED INTERNALLY	0.30 M LONG HEAVY DUTY BRASS PLATED EXTERNAL SIDE & INTERNAL SIDE BOTH	0.45 M LONG HEAVY DUTY BRASS PLATED EXTERNAL SIDE
1	D2	1.57MX2.40M	2.40	TEAK WOOD DOOR FRAME IN PANELLING TYPE OF THK 0.04 M AS SHOWN IN DRG AND INSTALLED AT SITE WITH THE USE OF ANCHOR FASTENER OF REQUIRED STRENGTH AS APPROVED DOUBLE LEAF PANELLER DOOR SHUTTER WITH TEAK WOOD STYLES, TOP RAIL AND INTERMEDIATE RAILS (IF REQUIRED) OF SIZE 100MMX40MM, LOCK AND BOTTOM RAIL OF SIZE 200MM X40MM WITH INSERT PANELS OF 19MM THK BOTH SIDES WATER PROOF PLYWOOD WITH VENEER OF APPROVED MAKE WITH FIXTURES OF APPROVED MAKE	SIX HINGES OF 0.150 M HEAVY DUTY CHROME PLATED	0.30 M LONG HEAVY DUTY BRASS PLATED TWO TOWER BOLT INTERNALLY	0.30 M LONG HEAVY DUTY BRASS PLATED INTERNALLY	0.30 M LONG HEAVY DUTY BRASS PLATED EXTERNAL SIDE & INTERNAL SIDE BOTH	0.45 M LONG HEAVY DUTY BRASS PLATED EXTERNAL SIDE
1	D3	1.20MX2.40M	2.40	TEAK WOOD DOOR FRAME IN PANELLING TYPE OF THK 0.04 M AS SHOWN IN DRG AND INSTALLED AT SITE WITH THE USE OF ANCHOR FASTENER OF REQUIRED STRENGTH AS APPROVED DOUBLE LEAF PANELLER DOOR SHUTTER WITH TEAK WOOD STYLES, TOP RAIL AND INTERMEDIATE RAILS (IF REQUIRED) OF SIZE 100MMX40MM, LOCK AND BOTTOM RAIL OF SIZE 200MM X40MM WITH INSERT PANELS OF 19MM THK BOTH SIDES WATER PROOF PLYWOOD WITH VENEER OF APPROVED MAKE WITH FIXTURES OF APPROVED MAKE	SIX HINGES OF 0.150 M HEAVY DUTY CHROME PLATED	0.30 M LONG HEAVY DUTY BRASS PLATED TWO TOWER BOLT INTERNALLY	0.30 M LONG HEAVY DUTY BRASS PLATED INTERNALLY	0.30 M LONG HEAVY DUTY BRASS PLATED EXTERNAL SIDE & INTERNAL SIDE BOTH	0.45 M LONG HEAVY DUTY BRASS PLATED EXTERNAL SIDE
1	D4	1.00MX2.40M	2.40	TEAK WOOD DOOR FRAME IN PANELLING TYPE OF THK 0.04 M AS SHOWN IN DRG AND INSTALLED AT SITE WITH THE USE OF ANCHOR FASTENER OF REQUIRED STRENGTH AS APPROVED DOUBLE LEAF PANELLER DOOR SHUTTER WITH TEAK WOOD STYLES, TOP RAIL AND INTERMEDIATE RAILS (IF REQUIRED) OF SIZE 100MMX40MM, LOCK AND BOTTOM RAIL OF SIZE 200MM X40MM WITH INSERT PANELS OF 19MM THK BOTH SIDES WATER PROOF PLYWOOD WITH VENEER OF APPROVED MAKE WITH FIXTURES OF APPROVED MAKE	SIX HINGES OF 0.150 M HEAVY DUTY CHROME PLATED	0.30 M LONG HEAVY DUTY BRASS PLATED TWO TOWER BOLT INTERNALLY	0.30 M LONG HEAVY DUTY BRASS PLATED INTERNALLY	0.30 M LONG HEAVY DUTY BRASS PLATED EXTERNAL SIDE & INTERNAL SIDE BOTH	0.45 M LONG HEAVY DUTY BRASS PLATED EXTERNAL SIDE
2	D5	0.75MX2.40M	2.40	DOOR FRAME OF BLACK GRANITE WITH FULL BULLNOSING INSTALLED WITH SKILLED LABOUR WITH ARALDITE AS APPROVED 32 MM THK SOLID CORE FLUSH DOOR OF WATERPROOF GRADE WITH LAMINATE OF BOTH SIDES OF WENGE DESIGN	THREE HINGES OF 0.125M HEAVY DUTY CHROME PLATED	0.20 M LONG HEAVY DUTY CROME PLATED ONE TOWER BOLT INTERNALLY	0.20 M LONG HEAVY DUTY M.S CROME PLATED INTERNALLY	0.15 M LONG HEAVY DUTY M.S CROME PLATED EXTERNAL SIDE & INTERNAL SIDE BOTH	0.30 M LONG HEAVY DUTY M.S CROME PLATED EXTERNAL SIDE
2	D6	0.60MX2.40M	2.40	DOOR FRAME OF BLACK GRANITE WITH FULL BULLNOSING INSTALLED WITH SKILLED LABOUR WITH ARALDITE AS APPROVED 32 MM THK SOLID CORE FLUSH DOOR OF WATERPROOF GRADE WITH LAMINATE OF BOTH SIDES OF WENGE DESIGN	THREE HINGES OF 0.125M HEAVY DUTY CHROME PLATED	0.20 M LONG HEAVY DUTY CROME PLATED ONE TOWER BOLT INTERNALLY	0.15 M LONG HEAVY DUTY M.S CROME PLATED INTERNALLY	0.15 M LONG HEAVY DUTY M.S CROME PLATED EXTERNAL SIDE & INTERNAL SIDE BOTH	0.30 M LONG HEAVY DUTY M.S CROME PLATED EXTERNAL SIDE



OFFICERS CLUB
(PRESIDENT; HON. COLLECTOR, LATUR DISTRICT)

TITLE OF THE PROJECT

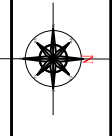
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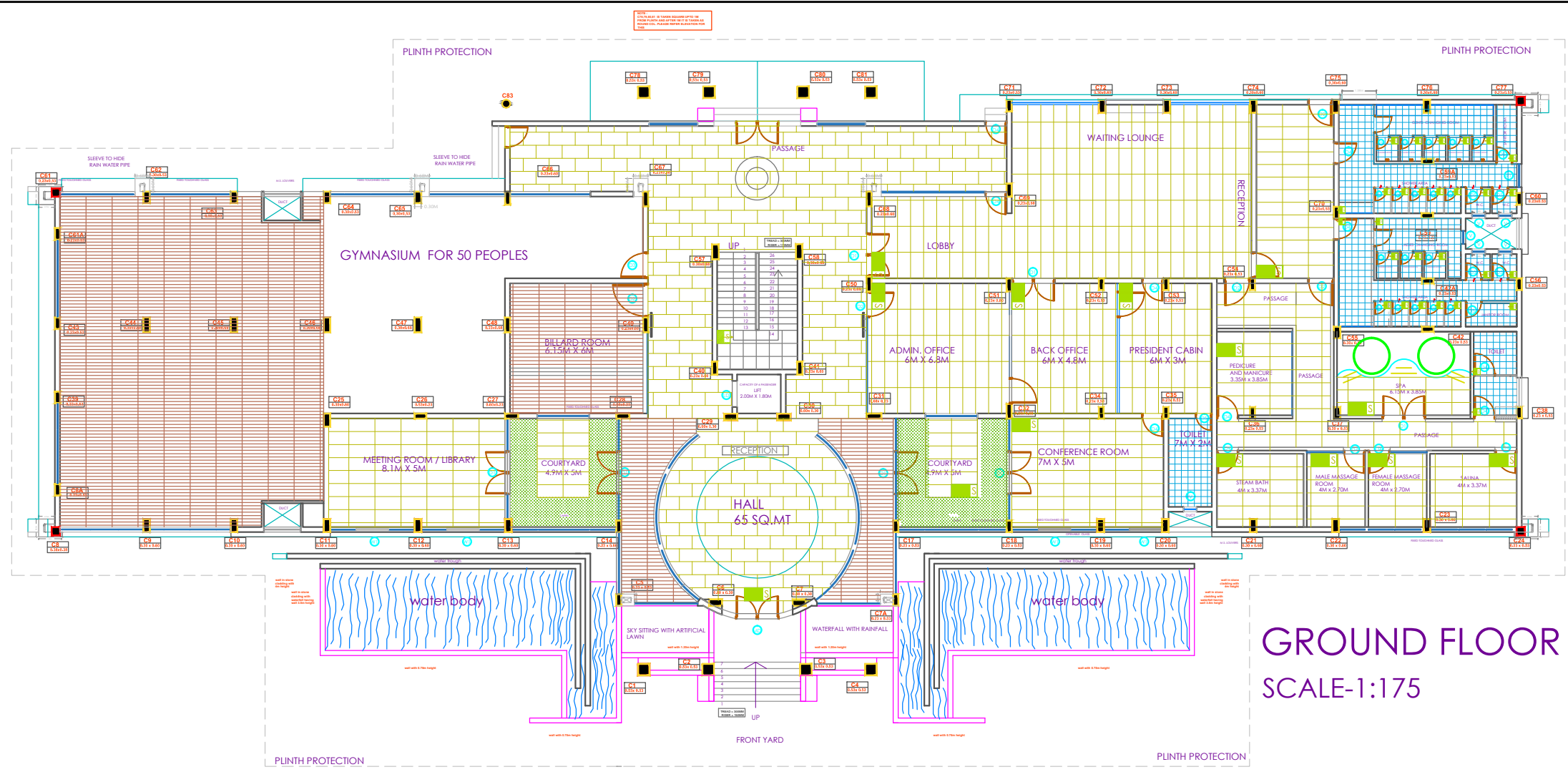
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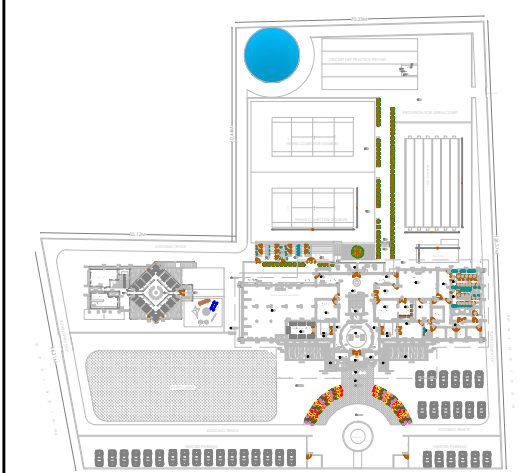


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Tel: +91 2382 246105 Email: kk@spacemagic.in Visit: www.spacemagic.in

ARCHITECTS:
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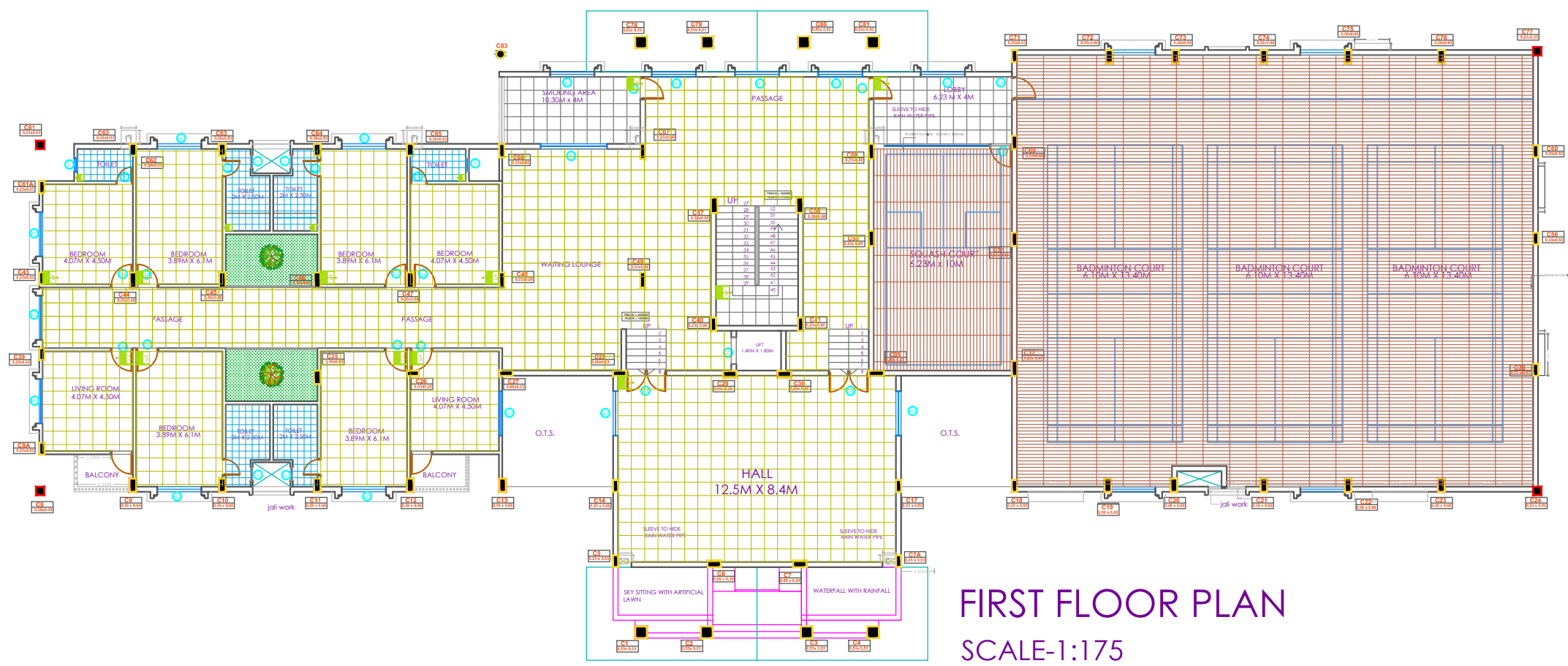


GROUND FLOOR PLAN
SCALE-1:175



SITE PLAN
SCALE-1:1500

	WOODEN FLOORING 1200 X150 X 25-30MM		VITRIFIED TILE 600X600X10MM MAKE JOHNSON/NICO
	LOBBY TREAD, RISER, SKIRTING (100MM HIGH) IN GRANITE 600 X 600 X 25-30MM THK. EDGE POLISHING TO BE DONE FOR ALL TREAD HOUSING		300 x 300 x 10 mm thick Anti-slip vitrified tile in rustic finish
	LOBBY TREAD, RISER, SKIRTING (100MM HIGH) IN GRANITE 600 X 600 X 25-30MM THK. EDGE POLISHING TO BE DONE FOR ALL TREAD HOUSING		VITRIFIED TILE 1200X600X10MM MAKE JOHNSON/NICO
	HEAT RESISTANCE TILE WITH GRIP GROOVE TO BE USED WITH WATERPROOF G GROUTING CHEMICAL SEESOX X 300 X 10MM MAKE JOHNSON/NICO		



FIRST FLOOR PLAN
SCALE-1:175

OFFICERS CLUB
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COLLECTOR, LATUR DISTRICT)

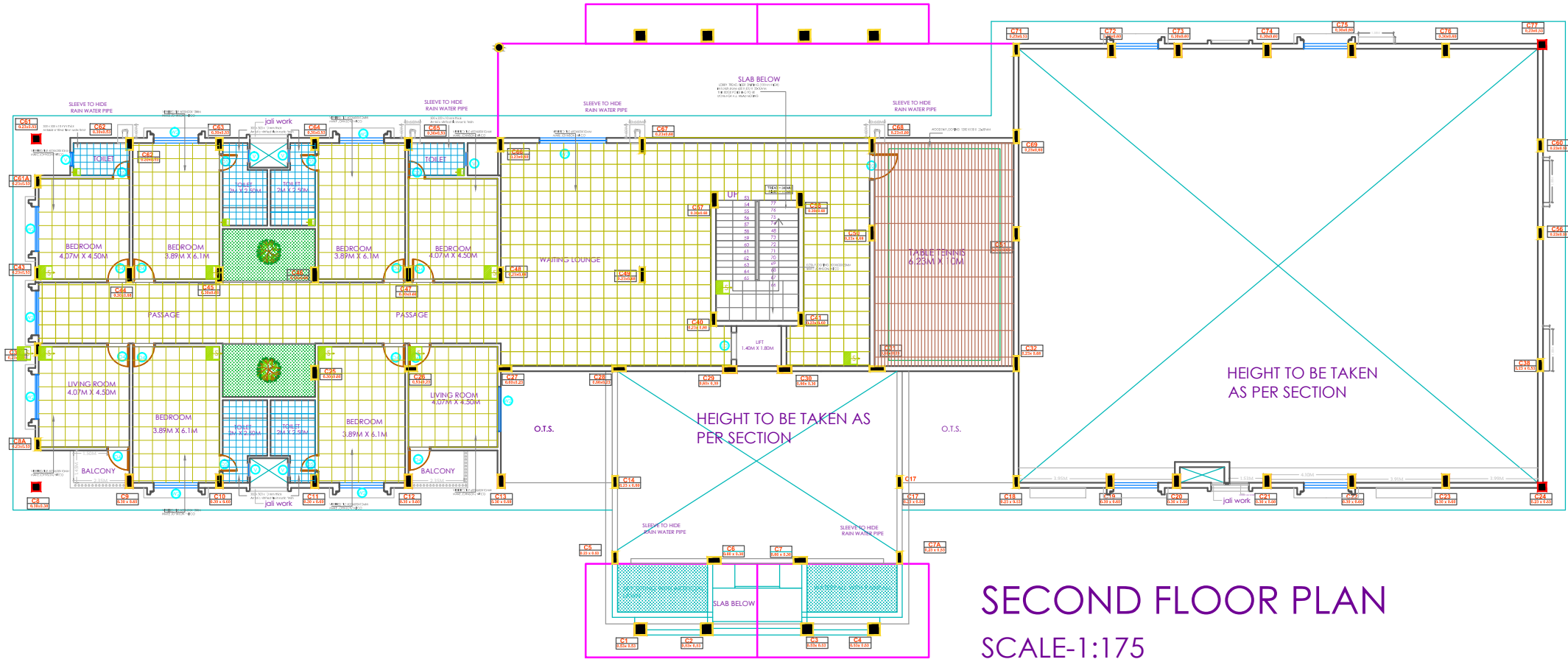
TITLE OF THE PROJECT: PROPOSED OFFICERS CLUB, LATUR

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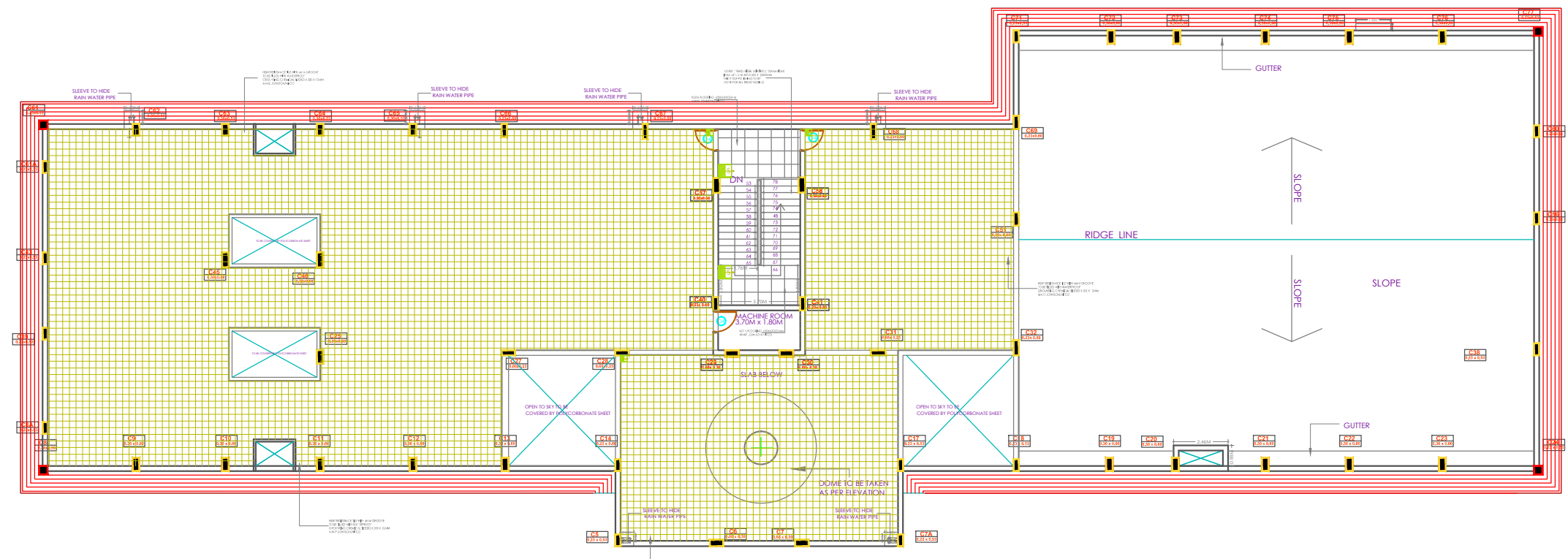
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Latur-413512, Maharashtra.
Tel:+91 2382 246105 Email: info@spacemagic.in | www.spacemagic.in

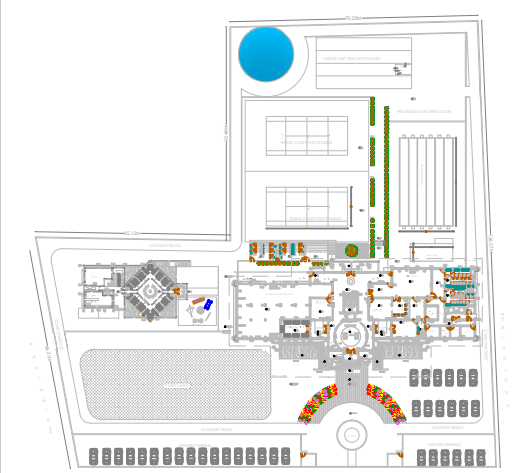
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SECOND FLOOR PLAN
SCALE-1:175



TERRACE FLOOR PLAN
SCALE-1:175



SITE PLAN
SCALE-1:1500

	WOODEN FLOORING 1200 X 150 X 25-30MM		VITRIFIED TILE 600X600X10MM MAKE JOHNSON/MICO
	LOBBY TREAD RISER SKIRTING (100MM HIGH) IN GRANITE 600 X 600 X 25-30MM THICK EDGE POLISHING TO BE DONE FOR ALL TREAD NOISING		300 x 300 x 10 mm thick Antislip vitrified tile in public areas
	LOBBY TREAD RISER SKIRTING (100MM HIGH) IN GRANITE 600 X 600 X 25-30MM THICK EDGE POLISHING TO BE DONE FOR ALL TREAD NOISING		VITRIFIED TILE 1200X600X10MM MAKE JOHNSON/MICO
	HEAT RESISTANCE TILE WITH ANA GROOVE TO BE FILLED WITH WATERPROOF GROUTING CHEMICAL 1000 X 300 X 10MM MAKE JOHNSON/MICO		

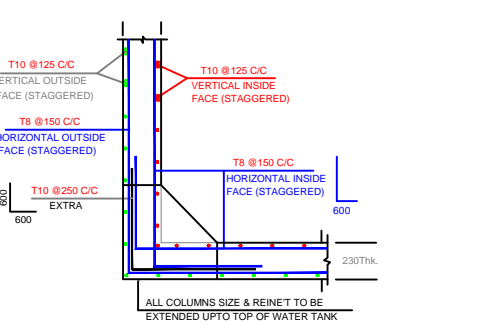
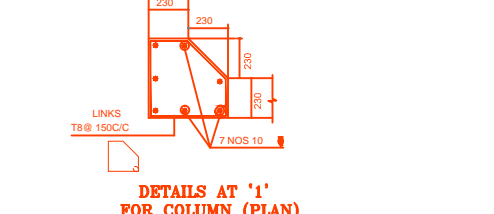
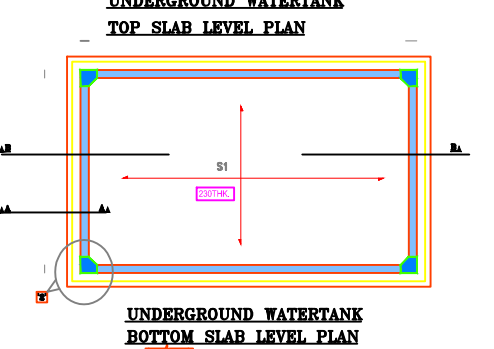
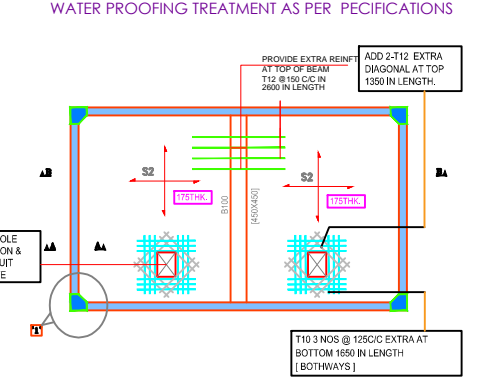
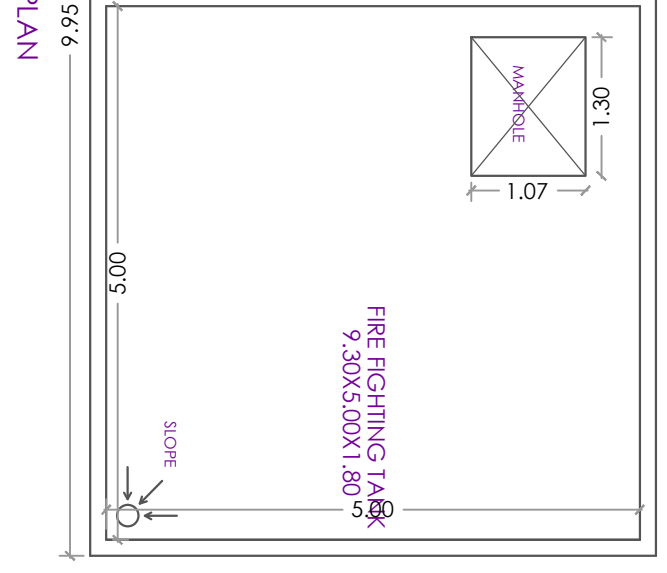
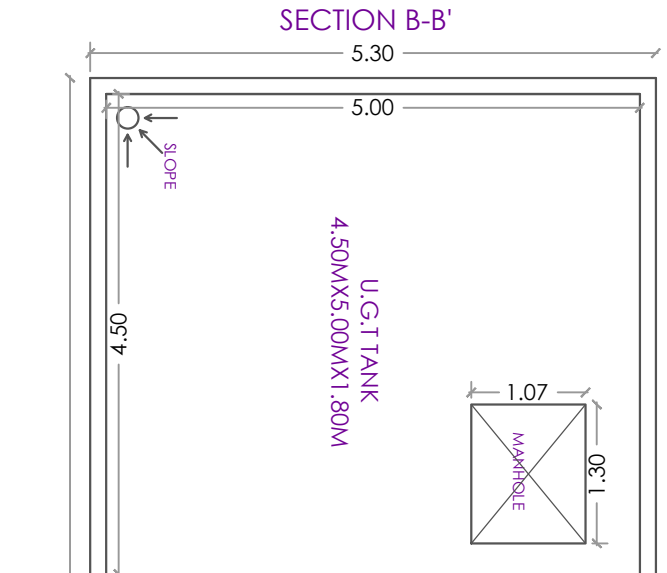
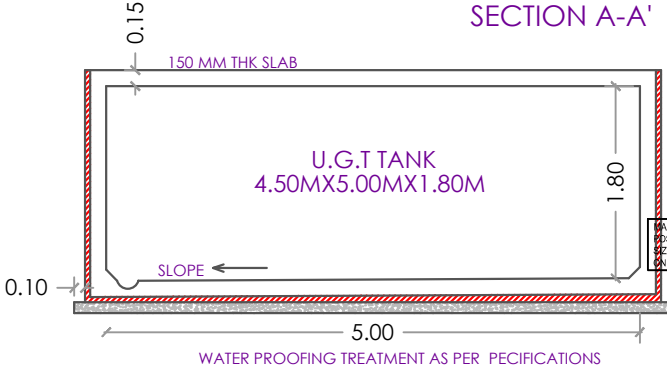
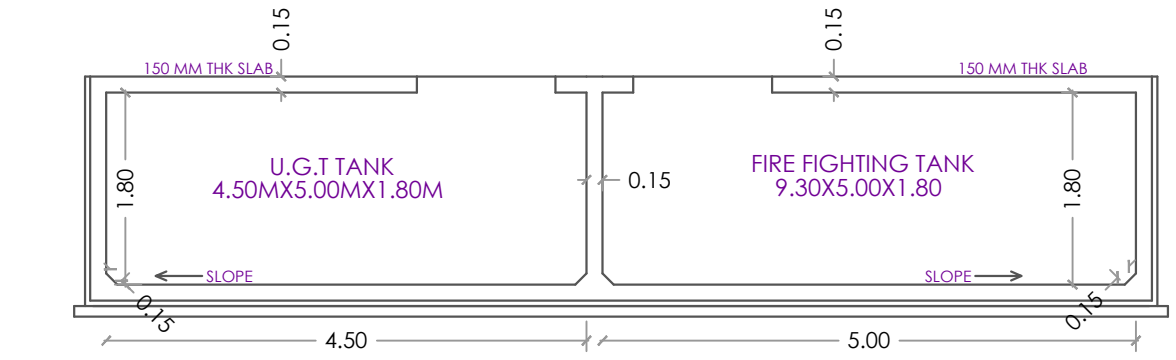
OFFICERS CLUB (PRESIDENT; HON. COLLECTOR, LATUR DISTRICT)

TITLE OF THE PROJECT: PROPOSED OFFICERS CLUB, LATUR

DRAWN: CHECKED: KK
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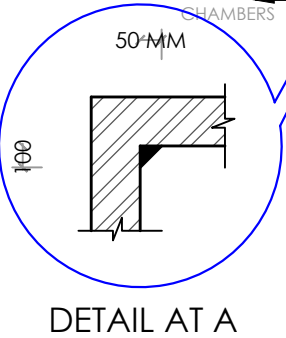
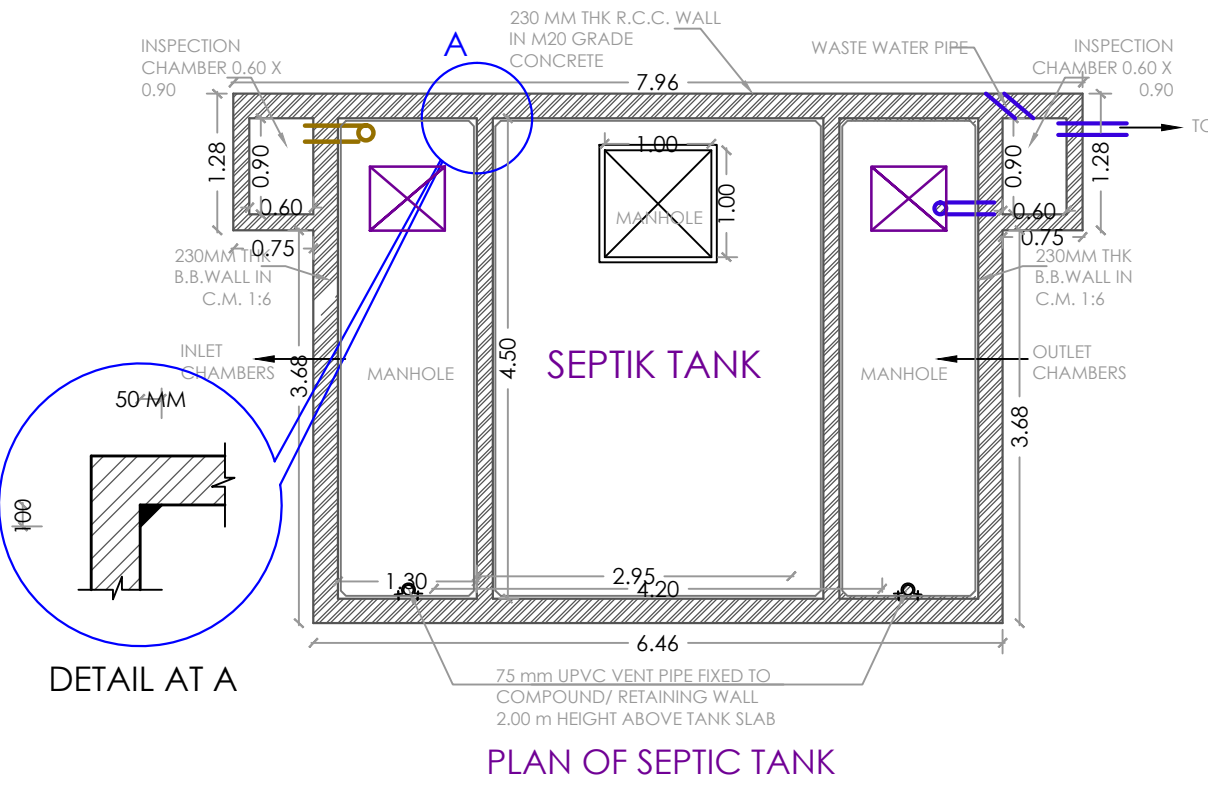
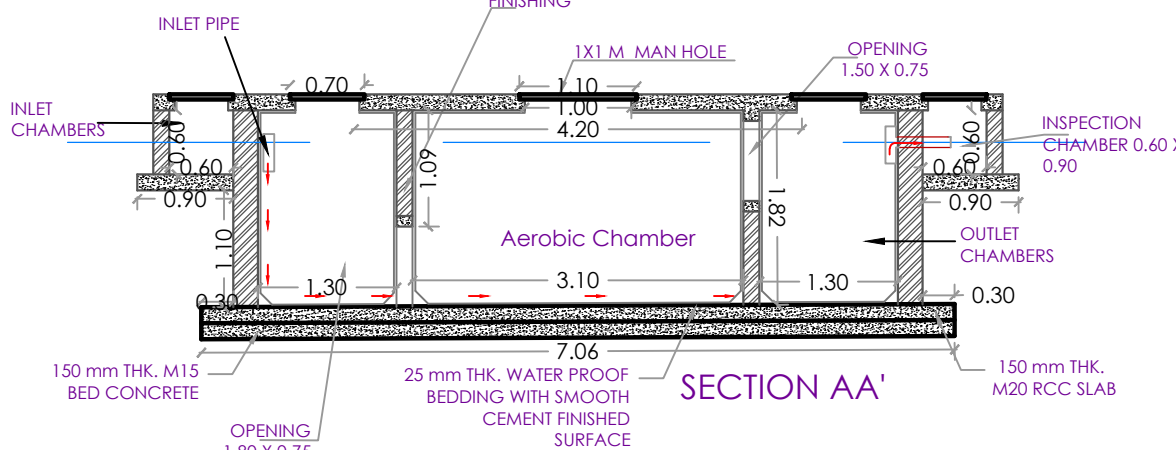
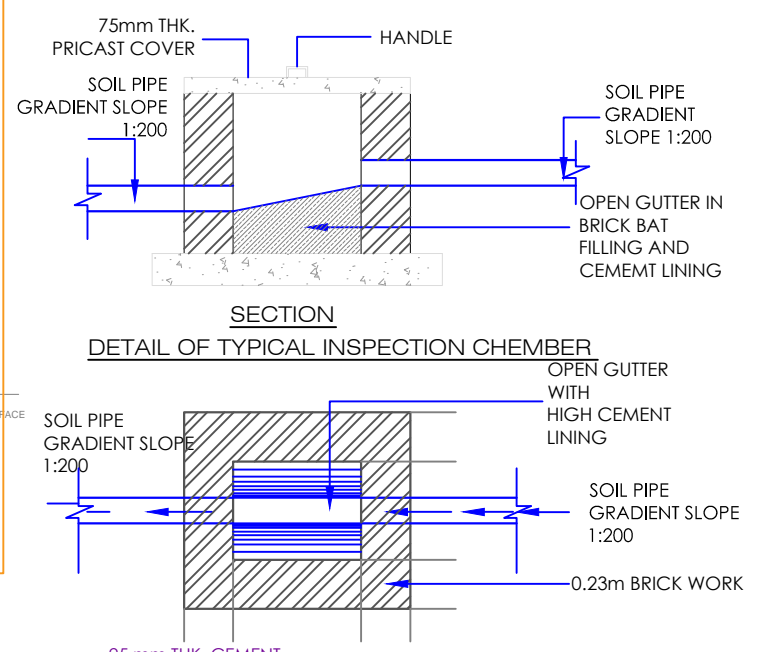
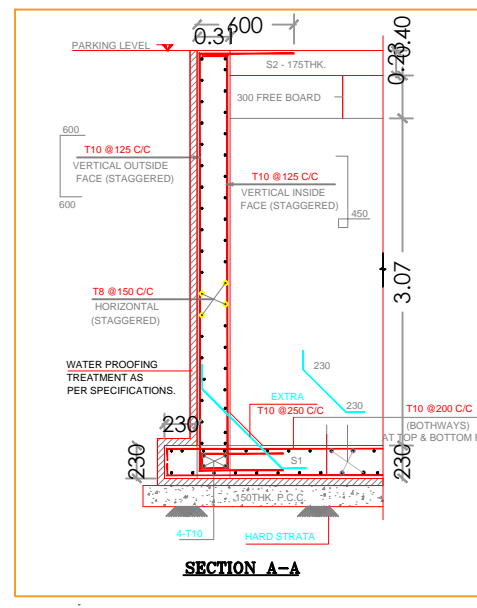
DETAILS AT '2'

SCHEDULE OF SLAB [AT UNDERGROUND WATER TANK LEVEL]

SLAB TYPE	SLAB THK.	REINFORCEMENT ALONG		REMARK
		SHORT SPAN	LONG SPAN	
S1	230	T10 @ 200 C/C	T10 @ 200 C/C	AT BOTTOM FACE
		T10 @ 200 C/C	T10 @ 200 C/C	AT TOP FACE
S2	175	T12 @ 125 C/C	T12 @ 125 C/C	TWOWAY

SCHEDULE OF BEAMS [AT UNDERGROUND WATERTANK TOP SLAB LEVEL]

BEAM NUMBERS	SIZE	BOTTOM REINFORCEMENT		TOP REINFORCEMENT		STIRRUPS	REMARKS
		FULL SPAN	CURTAINED CENTRAILED PLACED	FULL SPAN	EXTRA AT SUPPORT		
B100	450 X 450	4-T20	4-T20 ON PINS	4-T20		T8	AT WATERTANK TOP SLAB LEVEL



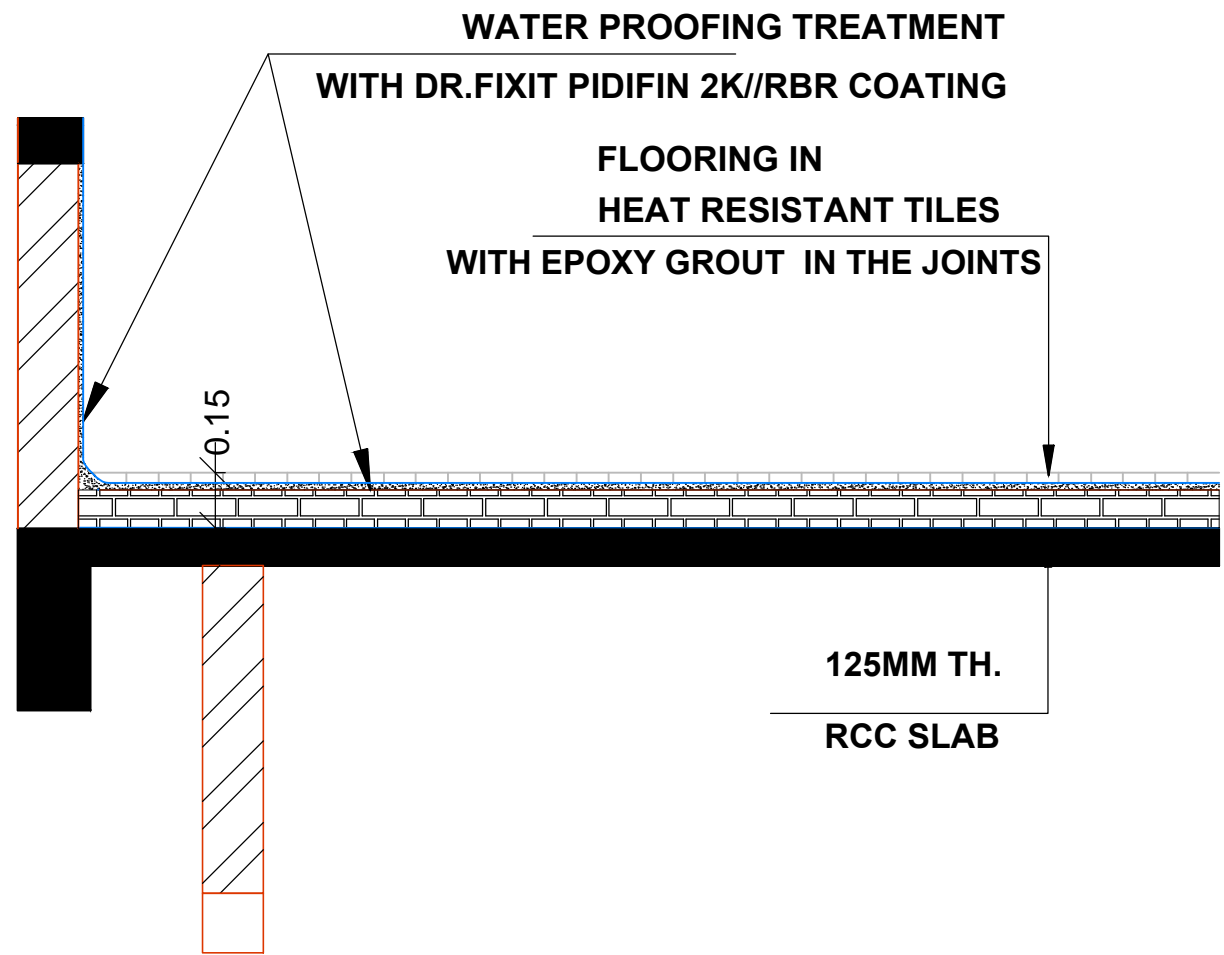
OFFICERS CLUB
(PRESIDENT; HON. COLLECTOR, LATUR DISTRICT)

TITLE OF THE PROJECT: PROPOSED OFFICERS CLUB, LATUR

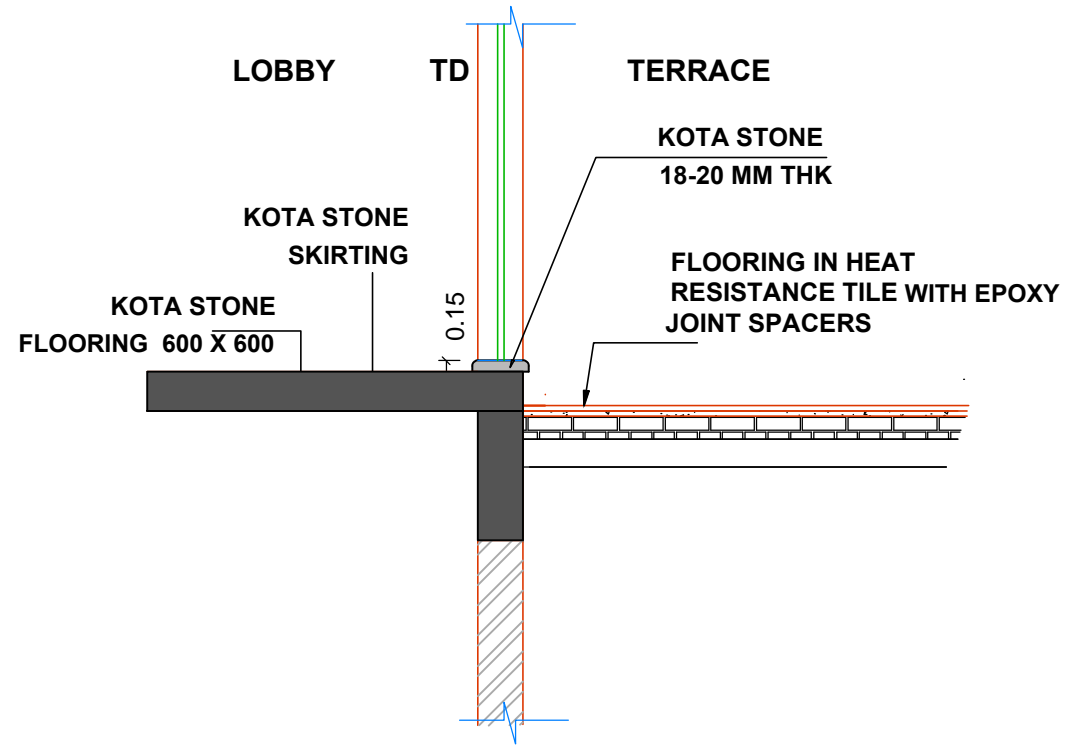
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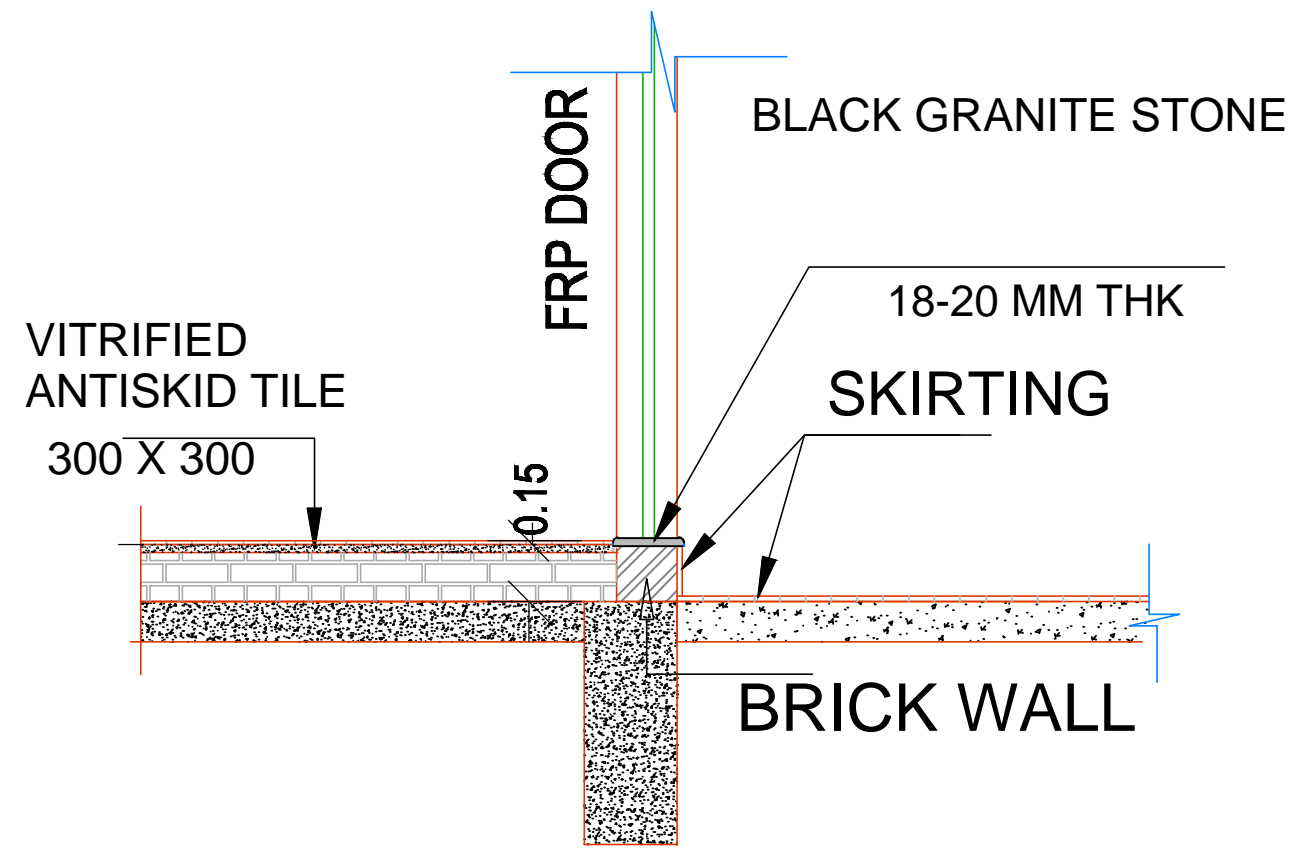
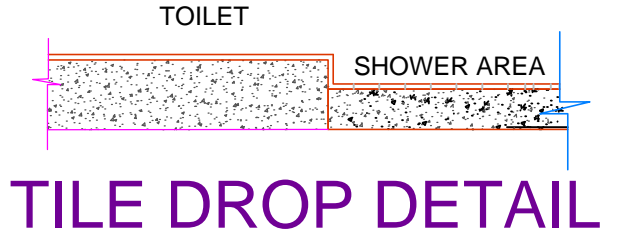
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TERRACE WATER PROOFING DETAIL



DETAILS OF TERRACE THRESHOLD



DETAIL OF TOILET THRESHOLD

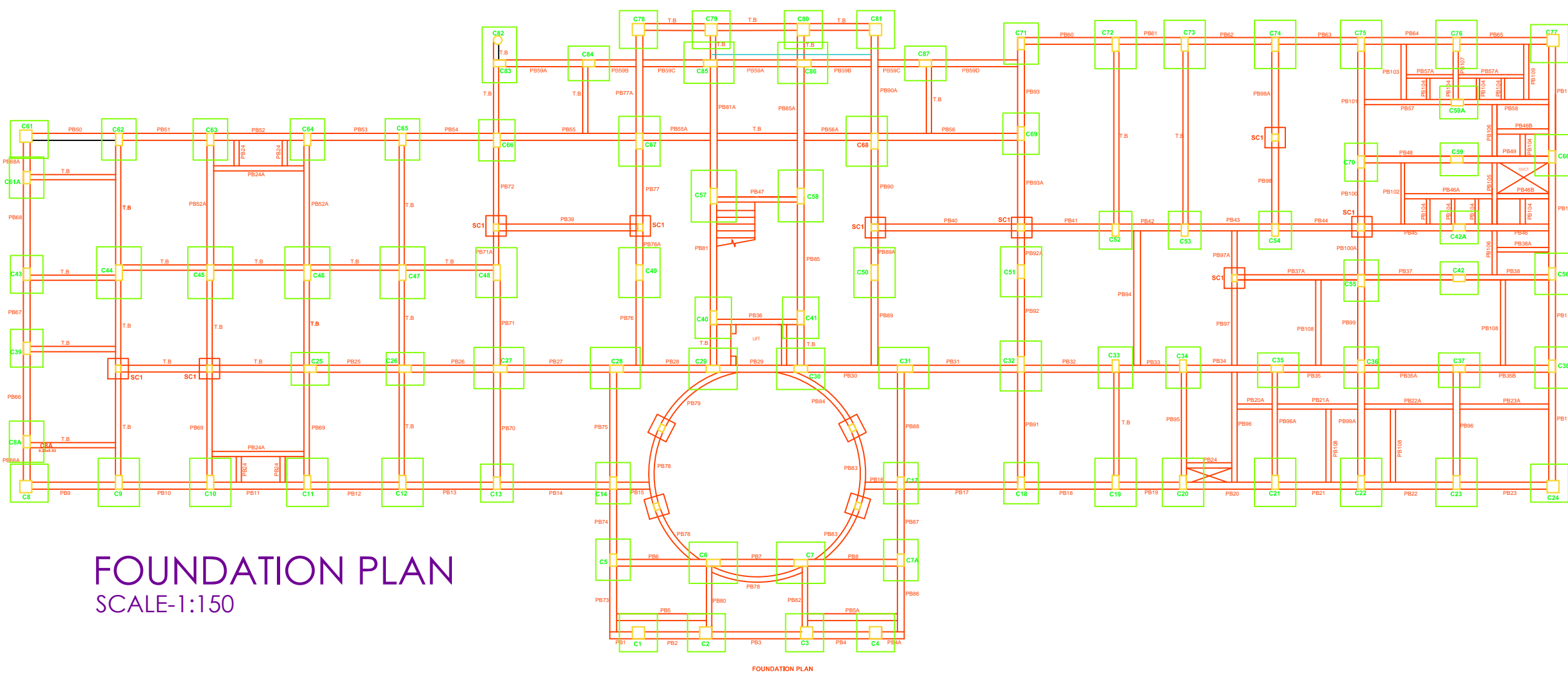
WATER PROOFING		
Terrace	Providing cement based water proofing treatment to terraces (Indian water proofing or alike) with brick bats laid in required slope to drain the water for any span after cleaning the base surface. Applying a coat of cement slurry admixed with approved water proofing compound and laying the brick bats on bottom layer in C.M.1:5 admixed with approved water proofing compound filling up to half depth of brick bats	SSR ITEM NO. 31.04

SHEET NO:	
TITLE: TYPICAL DETAIL	
SPECIFICATIONS:	
OFFICERS CLUB (PRESIDENT; HON. COLLECTOR, LATUR DISTRICT)	
TITLE OF THE PROJECT: PROPOSED OFFICERS CLUB, LATUR	
DRAWN	CHECKED : KK
SCALE	DATE:
Bedre Arcade, ground floor, Behind Sushma Hotel, Shivaji Chowk, Latur-413512, Maharashtra. Tel: +91 2382 246105 Email: kk@spacemagic.in Visit: www.spacemagic.in	
ARCHITECTS: KRISHNAKUMAR BANGAD FIIA, COA, FIV, IIID CA/2004/32977	
THIS IS A PRESENTATION DRAWING IT MAY BE MODIFIED DURING EXECUTION	

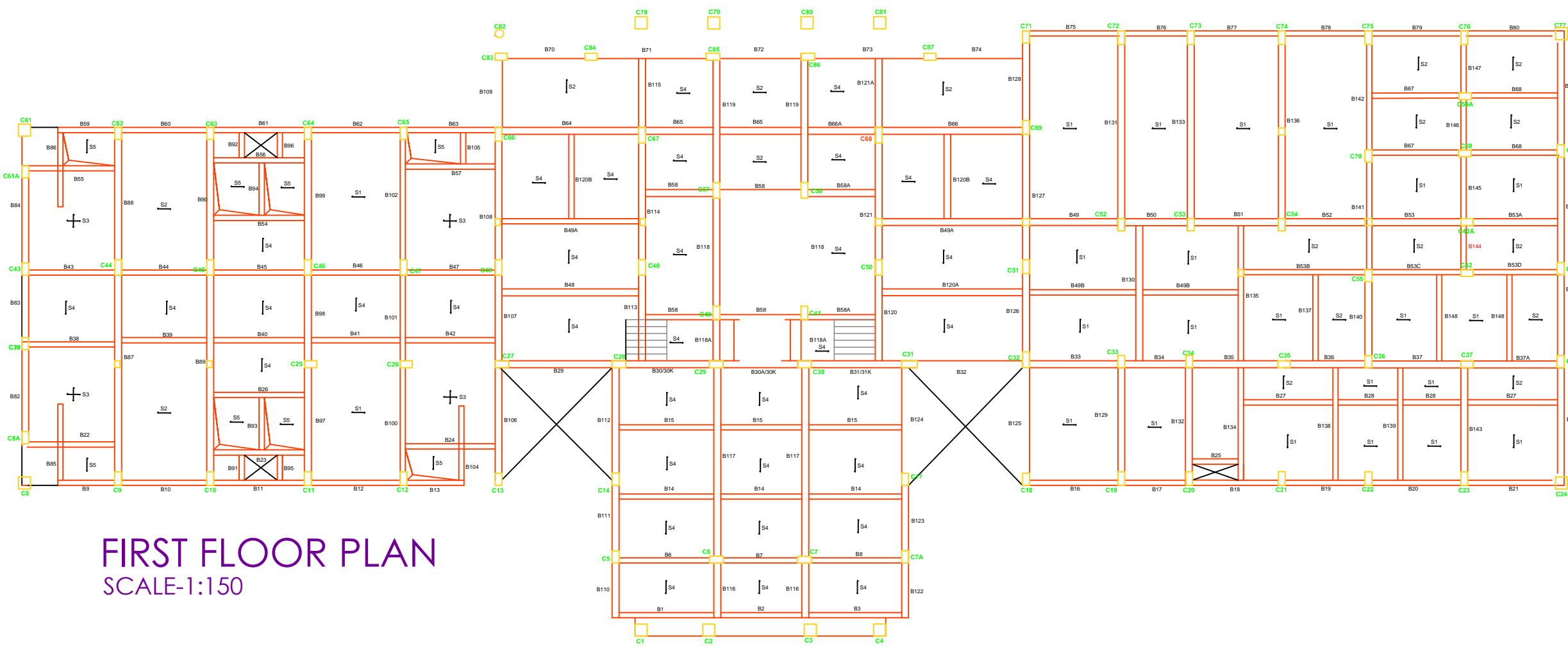
SCHEDULE OF SPECIFICATIONS			SCHEDULE OF SPECIFICATIONS		
SR.NO	DESCRIPTION	PARTICULARS OF MATERIAL AND MAKE	SR.NO	DESCRIPTION	PARTICULARS OF MATERIAL AND MAKE
1	FOUNDATION	THE DEPTH OF EXCAVATION FOR FOUNDATION IS UP TO 2.50 METER FOR ANY TYPE OF FOUNDATION STRATA HAVING SOIL BEARING CAPACITY 200 KN/M.SQ	8	DOOR FRAMES	
a	Plain Cement Concrete	M- 15	a	Building main entrance door	i) teakwood /plywood door frame
b	RCC Footing and Columns	M- 25	b	Quaters main Door frames.	ii) Teak wood door frame
2	PLINTH LEVEL		c	Room Door frames.	iii) Teak wood door frame
a	RCC Columns and Plinth beams	M- 25	d	Toilets Door Frames	iv) Granite door frame
b	Masonry work in foundation and plinth	Fly Ash brick work 230 mm thick in c.m. 1:6	10	DOOR SHUTTERS	
c	Filling in Plinth	Murum Filling with contractor 's murum available on site of work	a	Buliding main entrance door	i) toughned glass door shutters 12 mm thick with vision panel.
d	Rubble Soling	150 to 230 mm thick rubble soling with stone dust and sand	b	Quaters Main door	ii)Single leafed flush door shutters 35mm thick with lamination on both sides
e	Bedding to plinth beam	150 MM thick layer of cement mortar 1:6 below plinth / ground beams.	c	Internal door	iii)Single leafed flush door shutters 35mm thick with lamination on both sides
f	PCC at Ground floor	Leveling course of P>C>C> M - 15 150 mm thick	d	Toilet door	iv) FRP door shutters.
g	Anti termite treatment	Anti termite treatment to the foundations and below plinth PCC.			
3	SUPER STRUCTURE				
a	All building R.C.C. work	R.C.C. in M-25		WINDOWS	
b	Under ground and overhead water tanck etc.	R.C.C. in M-25	a	Room windows	i) Alluminum framed sliding Windows with Glass and with mosquito net with M.S Grill.
c	Reinforcements	Thermo mechanical Treated (TMT)TOR steel Fe 500	b	Toilet windows	j) Alluminum Louvered ventilator with M.S Grill.
d	Cover for RCC Members	P.V.C. blocks /Reinforcement bars -As specified on drawings.	11	KITCHEN PLATFORM	Black Granite 15 to 18 mm thk over kaddapah base and verticals with heavy duty stainless steel sink.
4	WALLS		12	RAILING	
a	External walls	AAC Blocks wall 200 mm thick in chemical bonding	a	Paradi and Railing for Living room Balcony	R.C.C pardi 150mm thick up to 450 mm height and s.s brush finish pipe railing 450 mm height above pardi.
b	Internal Walls.	R.C.C. in M-25	b	Paradi and Railing for staircase	R.C.C pardi 150mm thick up to 750 mm height and s.s brush finish pipe railing 150 mm height above pardi.
5	PLASTER WORK				
a	Internal room ceiling	6mm thick gypsum plaster	13	ROAD	Bituminous Roads: WBM Compacted 200 mm thick rubble soling along with hard murrum watering and compaction,WBM compacted layer of 150mm thickness, 75 mm thickness bituminous bond Macadam, 20 mm thick premix carpet, premix seal coat with paver finish. Jogging Track: Providing and fixing 328 x 328x 28 mm black rock finished paver tiles over 50mm thk cushioning bed of sand or stone chippings.
b	Common area ceiling	6mm thick cement plaster in 1:4 c.m. with wall care putty	14	INTERNAL PAINTING	
c	Internal room wall ceiling	10 mm thick gypsum plaster	a	Ceilings	Oil bound distemper
	Common area wall ceiling	6mm thick cement plaster in 1:4 with wall care putty	b	Walls	Plastic Emulsion
d	External Finish	Sand faced plaster 21 to 23 mm thick in two coats 15 and 6 to 8 mm in 1:4 C.M.	15	EXTERNAL PAINTING	Waterproof exterior polymer based paint with primer.
5	FLOORING		16	PLUMBING AND PIPING	
a	Entrance steps	i) black granite stone flooring and steps /risers.	a	Watersupply	CPVC pipe
b	Entrance Lobby at Ground floor	ii) Vitrified tiles 600 x 600 x 10 mm thick flooring	b	Drainage	UPVC pipe
c	Lobby at typical and terrace floor	iii) 600 x 600 x 10 mm thick vitrified tile.	c	Plumbing Fixtures	make - Jaquar-continatal
d	Staircase -mid landing area and staircase treads and risers	iv) polish kotah stone for staircase mid landing , and tread and riser 25 to 30 mm thick flooring	17	ANTI TERMITE TREATMENT	Treatment as per Indian stardard specifications.
e	All room area.	v) vitrified tile 600 x 600 x10 mm height			At Foundation level.
f	All toilets.	vi) 600 x 600 x 10 mm thick Antiskid vitrified tile in rustic finish			At Plinth level / two stages.
g	Terraces	viii) External grade tiles.			Around the periphery of the building.
h	Staircase -mid landing area and staircase treads and risers	ix) 600 x 100 mm thick Vitrified tile .	18	SANITARYWARE AND SANITARY FITTINGS	make - Jaquar-continatal
i	Security Cabin	x) 600 x 100 mm thick Vitrified tile .	19	WATER PROOFING	
6	SKIRTING AND DADO		a	Toilet	Membrane waterproofing technology with water proof bedding 25mm thick
a	Entrance Lobby at Ground floor	i) black granite stone flooring and steps /risers.	b	Terrace	Membrane waterproofing technology with I.P.S. of 75 mm thick.
b	Lobby at typical and terrace floor	ii) Vitrified tiles 600 x 600 x 10 mm thick flooring			
c	Staircase -mid landing area and staircase treads and risers	iv) polish kotah stone 25 to 30 mm thick flooring, 100mm in height for staircase mid landing and tread and riser.			
d	All room area.	v) vitrified tile 600 x 100 mm height			
e	All toilets.	vi) 300 x 600 Antiskid vitrified tile in rustic finish			
f	All kitchens.	vi) 300 x 600 Antiskid vitrified tile in rustic finish			
g	Security Cabin	ix) Vitrified tile 600 x 100 mm height .			
7	WINDOW FRAME	Black Granite stone 20 to 25 mm thick at all four sides			

SCHEDULE OF SPECIFICATIONS		
SR.NO	DESCRIPTION	PARTICULARS OF MATERIAL AND MAKE
13	BADMINTON COURT	
a	FLOORING	Surface Board:- TEAK WOOD SPORTS FLOORING finished with 21 mm thick, 57 to 92 mm wide and in random length in tongue and groove shape. The edges of the boards will have a finger lock groove and the bottom side with air pass groove and treated with special anti termite and water resistant lacquer. Maple wood is the hardest of hard woods and is the recommended wood for Badminton court. All major tournaments are played on Teak/Maple Wood Floor only The Under Frame:- Made of Pine wood runners of 70 mm x 45 mm, treated with anti-termite solution and fixed on the bottom side with 19 mm thick EPDM air cushioned pads, stapled through the two wings at 300 mm x 300 mm The floor will be machine sanded in uniform level and finished with BONA DIN APPROVED P. U. Polishing water based polyurethane lacquer. Game line marking to be carried out in required colors before applying the finish coat
b	LIGHTING	
c	ACOUSTICS	
d	BADMINTON COURT NET POLES	
e	BADMINTON COURT GAME LINE MARKING	
14	TABLE TENNIS	
a	FLOORING	
b	ACOUSTICS	
c	LIGHTING	
d	EQUIPMENTS	
	table with net	
	ball	
	racket/ paddle/ bat	wooden laminated racket covered with rubber on one or two sides depending on grip
15	SQUASH COURT	
a	FLOORING	Surface Board:- Made of Kiln Seasoned (moisture content of approximately 14% at the time of dispatch), Treated Original North American Maple Wood finished with 21 mm thick, 57 to 83 mm wide and in random length in tongue and groove shape. The edges of the boards will have a finger lock groove and the bottom side with air pass groove and treated with special anti termite and water resistant lacquer. Maple wood is the hardest of hard woods and is the recommended wood for squash court. All major tournaments are played on Maple Wood Floor. The Under Frame:- Made of commercial quality pine wood runners of 70 mm x 45 mm, treated with anti-termite solution and fixed on the bottom side with 19 mm thick air cushioned pads, stapled through the two wings at 350 mm x 350 mm
b	HARD PLASTER	Description:- Supply and Application of Bounce Wall Hard Plaster System meeting specifications for Squash Court laid down by wsf specification. The system consists of a 10/12 mm base coat with silica sand and top coat of 4-5mm, which makes it a total thickness of 14-15 mm. Due to extremely hard nature of plaster a slight uneven color distribution may be seen once the plaster has dried, this doesn't affect the strength or integrity of the plaster and must not be considered as a defect. Area:- Wall plaster playing area is only below red lines
c	WALL PAINTING	
d	GLASS BACK WALL	free standing glass back wall made of 12 mm thick toughened glass with four panels, 1 door, 4 fins, fixtures and fittings and all the materials required for erecting the glass walls. The height of the glass wall will be 2130 mm above the finished floor level
e	SOUND BOARD SYSTEM	(7 feet x 17 inch) x 3 Nos; Tin board of 22 gauge
f	GAME LINE MARKING	

SCHEDULE OF SPECIFICATIONS		
SR.NO	DESCRIPTION	PARTICULARS OF MATERIAL AND MAKE
16	CRICKET NET PRACTICE PITCHES	
a	FLOORING	
b	LIGHTING	
c	ACOUSTICS	
17	PARTY LAWN	1000 SQ.MT
18	RESTAURANT	
	FLOORING	
	LIGHTING	
	ACOUSTICS	
19	ACCOMODATION	NO.
	SUITE	8
	VIP SUITE	4
20	ADMIN OFFICE	
21	MEETING ROOM	
22	CONFERENCE ROOM	
	PLOT AREA	3 ACRES



FOUNDATION PLAN
SCALE-1:150



FIRST FLOOR PLAN
SCALE-1:150

STRUCTURAL CONSULTANT

SANJAY JATHADE M.TECH.(STR)
 'ROYAL PLAZA' COMPLEX F.FLOOR,S.NO.12,MURARGI PETH
 BEHIND BHAGWAT PETROL PUMP,SOLAPUR-413001
 CELL.9423589358 Email-sanjay_jathade@rediffmail.com



OFFICERS CLUB
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PROPOSED OFFICERS CLUB, LATUR

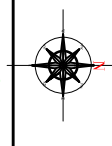
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ARCHITECTS:
 KRISHNAKUMAR BANGAD
 FIIA, COA, FIV, IIID
 CA/2004/32977

COLUMN & FOOTING SCHEDULE

SECOND FLOOR TO THIRD FLOOR	(COL.SIZE) (MAIN REIN.) (300X450) (8-T16) (STIRRUPS) (T8@150C/C)	(COL.SIZE) (MAIN REIN.) (300X530) (4-T16+4-T20) (STIRRUPS) (T8@150C/C)	(COL.SIZE) (MAIN REIN.) (300X530)(4-T16+4-T20) (STIRRUPS) (T8@150C/C)	(COL.SIZE) (MAIN REIN.) (300X600) (8-T20) (STIRRUPS) (6Ø@150C/C)	(COL.SIZE) (MAIN REIN.) (300X450) (8-T16) (STIRRUPS) (T8@150C/C)	(COL.SIZE) (MAIN REIN.) (300X530) (10-T20) (STIRRUPS) (T8@150C/C)
FIRST FLOOR TO SECOND FLOOR	(COL.SIZE) (MAIN REIN.) (300X530) (8-T16) (STIRRUPS) (T8@150C/C)	(COL.SIZE) (MAIN REIN.) (300X530) (8-T20) (STIRRUPS) (T8@150C/C)	(COL.SIZE) (MAIN REIN.) (300X530) (8-T20) (STIRRUPS) (T8@150C/C)	(COL.SIZE) (MAIN REIN.) (300X600) (10-T20) (STIRRUPS) (6Ø@150C/C)	(COL.SIZE) (MAIN REIN.) (300X530) (8-T16) (STIRRUPS) (T8@150C/C)	(COL.SIZE) (MAIN REIN.) (300X600) (10-T20) (STIRRUPS) (T8@150C/C)
FOOTING TOP TO FIRST FLOOR						
FOOTING SIZE(LXB)	1.82X1.52	2.13X1.82	2.20X1.82	2.20X1.82	1.82X1.60	2.28X1.98
D	500	550	550	550	500	550
REIN.PARALLEL TO 'L'	12-T10	14-T12	14-T12	16-T12	15-T10	16-T12
REIN.PARALLEL TO 'B'	15-T10	16-T12	16-T12	19-T12	17-T10	19-T12
P.C.C	1.92X1.67X100	2.28X2.05X100	2.36X2.05X100	2.36X2.05X100	2.05X1.75X100	2.43X2.13X100
COLUMN MKD.	C5,C7A,C8A,C13,C14,C17,C18,C25,C26,C33,C34,C35,C36,C37,C38,C39,C42,C42A,C43,C56,C52,C53,C54,C55,C59A,C59,C60,C62,C63,C64,C65,C61A,C70,C71,C83,C84,C87	C6,C7,C9,C10,C11,C12,C19,C20,C21,C22,C23,C29,C30,C72,C73,C74,C75,C76	C27,C28,C51,C85,C86	C31,C32,C48,C49,C50,C67,C68	C40,C41,C66,C69	C44,C45,C46,C47,C57,C58
For C83 footing details ref.c.footing details	NOTE:-COLUMN MKD. C34,C35,C36,C37,C42,C42A,C52,C53,C54,C55,C59,C70,C59A SHOULD BE TAKEN UP TO FIRST SLAB					

SHEET NO: BUILDING TYPE- MAIN BUILDING

FOUNDATION PLAN
TITLE: COLUMN & FOOTING DETAILS

SPECIFICATIONS:

STRUCTURAL CONSULTANT
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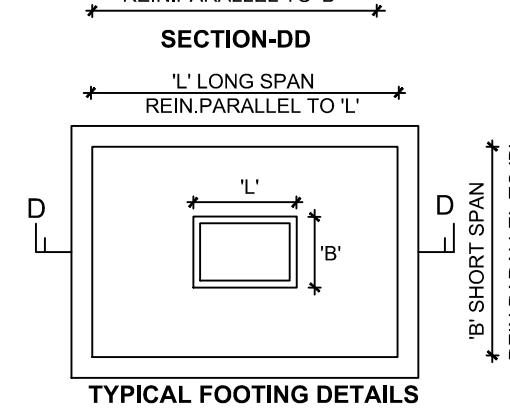
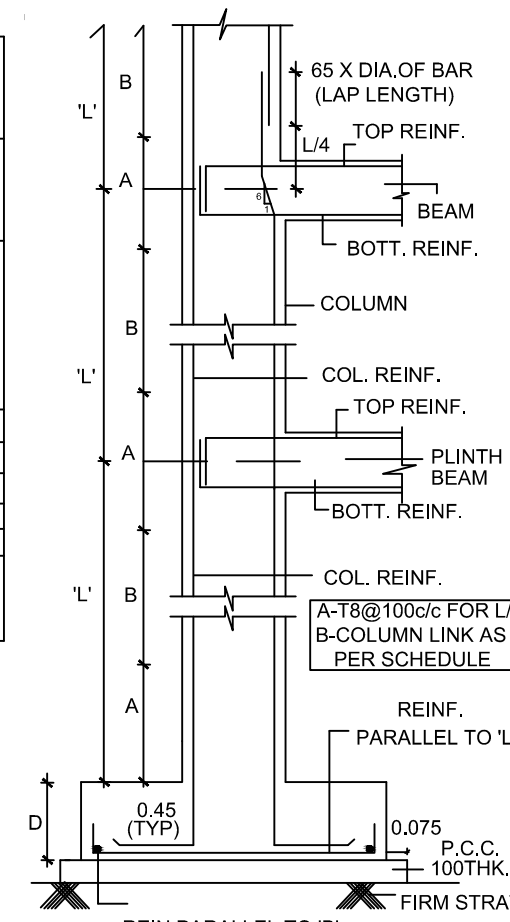
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Space Magic consultants
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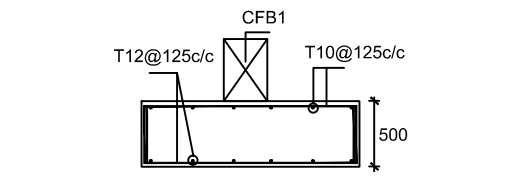
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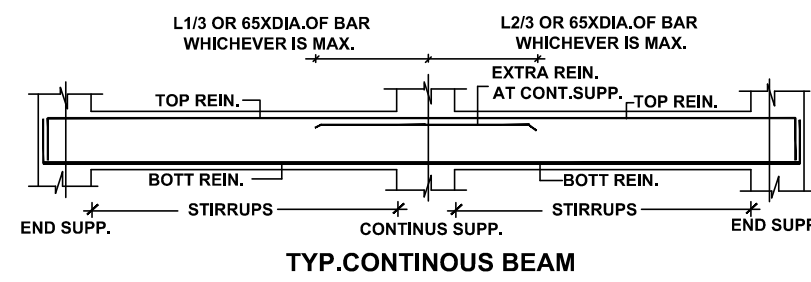
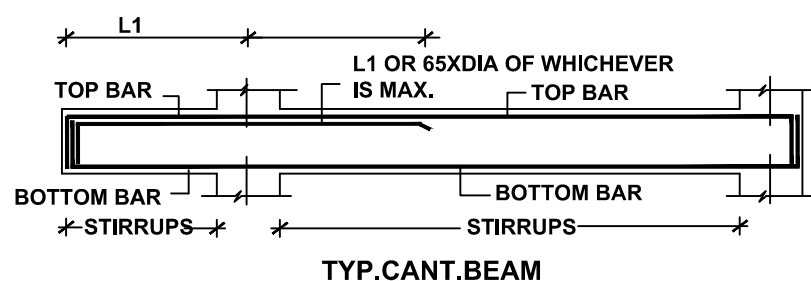
COLUMN & FOOTING SCHEDULE

FOOTING TOP TO PLINTH LVL.	
FOOTING SIZE(LXB)	0.91X0.91
D	300
REIN.PARALLEL TO 'L'	6-T10
REIN.PARALLEL TO 'B'	6-T10
P.C.C	1.06X1.06X100
COLUMN MKD.	SC1



COLUMN & FOOTING SCHEDULE

FOOTING TOP TO FIRST FLOOR		
FOOTING SIZE(LXB)	5'6"X5'6"	FOR FOOTING DETAILS REFER C.FOOTING DETAILS
D	20"	
REIN.PARALLEL TO 'L'	13-T10	
REIN.PARALLEL TO 'B'	13-T10	
P.C.C	6'0"X6'0"X0'4"	
COLUMN MKD.	C1,C2,C3,C4,C8,C24,C61,C77,C78,C79,C80,C81	C82



C.FOOTING BEAM SCHEDULE

BEAM MKD.	SIZE	BOTT. REIN.	TOP REIN.	STIRRUPS	REMARK
CFB1	300X600	2-T20	2-T20	T8@6"c/c	

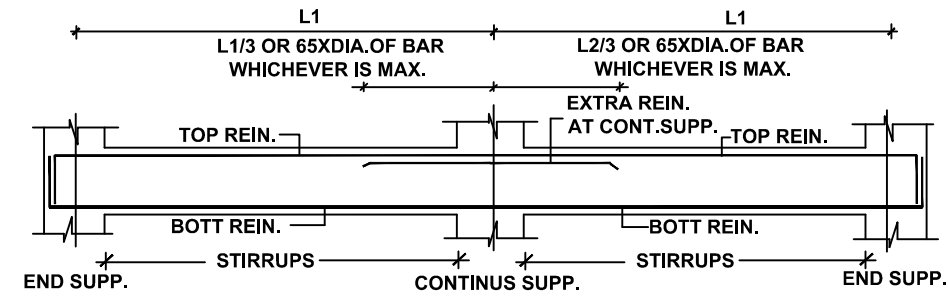
NOTE:

- DO NOT SCALE THE DRAWING
- FOUNDATION TO REST ON HARD STRATA
- MINIMUM DEPTH OF EXCAVATION SHOULD BE 1.5M
- CONCRETE AS PER DESIGN MIX UNLESS SPECIFIED
- BASIC REFERENCE CODE IS 456:2000(1-2-3-4 EDITION)
- CONCRETE GRADE SHALL BE M20
- EARTHQUAKE ZONE SPECIFIED IN IS 1893:2016-3iv ZONE
- DUCTILE DESIGN TO SEISMIC FORCES IN IS 13920:2016
- 'T' INDICATES TOP STEEL OF GRADE Fe 500
- 'Ø' INDICATES MILD STEEL OF GRADE Fe 250 N/mm2
- SBC OF SOIL ASSUMED AS 30 T/m2
- CLEAR COVER TO MAIN REIN.
- FOOTING 40mm, COLUMN 25mm, BEAM 35mm, SLAB 20mm
- MINIMUM CEMENT CONTENT & MAXIMUM W/C RATIO USED FOR FOUNDATION CONCRETE SHOULD BE AS PER CLAUSE 1.2.2.4.1, 1.9.1.2 (TABLE-5) OF BASIC REFERENCE CODE IS 456:2000(1-2-3-4 EDITION)
- DESIGNING PERIOD
- FOR CANTILEVER BEAMS TOP REINFORCEMENT TO BE ANCHORED BEHIND FOR 6Ø X D OR SPAN OF CANTILEVER WHICHEVER IS GREATER [D = DIA. OF BAR]
- BAR BENDING SHOULD BE AS PER DETAILS GIVEN.
- CONCRETE AS PER DESIGN MIX UNLESS SPECIFIED
- BASIC REFERENCE CODE IS 456:2000(1-2-3-4 EDITION)
- COLUMNS = 45 X D [D = DIAMETER OF BAR]
- ALL LAPS SHOULD BE STAGGERED & NOT MORE THAN 50% BARS TO BE LAPPED AT ANY GIVEN SECTION.
- ALL COLUMNS OF FRAME SHOULD BE TIED IN BOTH DIRECTIONS BY THE BEAMS/ PLINTH BEAMS AT GROUND LEVEL/PLINTH LEVEL EVEN IF HEIGHT OF COLUMNS IS WITHIN MAXIMUM ALLOWABLE HEIGHT LIMITS.
- AT ANY LEVEL WHERE COLUMN SIZE GETS REDUCED IN EITHER DIMENSIONS, TIE OR PLINTH BEAMS ARE REQUIRED.
- IF FOOTINGS OVERLAP EACH OTHER, NECESSARY REVISION SHOULD BE OBTAINED FROM OUR OFFICE.
- DO NOT CAST ANY R.C.C. WORK UNLESS IT IS CHECKED AND CONFIRMED BY R.C.C. DESIGNER
- COLUMNS ORIENTATION AS PER ARCHITECTURAL CENTER LINE PLAN.
- ALL REIN. SHALL BE BENT UP AS SHOWN TO SATISFY THE DEVELOPMENT LENGTH CRITERIA AS PER 46S:2000 (FOR DEVELOPMENT LENGTH REFER SECT-DD)
- IF THERE ANY DEVIATION, REFERENCE SHALL BE MADE TO THIS OFFICE BEFORE EXECUTION
- FOR BEAMS HAVING WIDTH OF 6" (150 MM) PROVIDE ONLY TWO BARS IN ANY ONE LAYER & FOR BEAMS HAVING WIDTH OF 9" (230 MM) PROVIDE ONLY THREE BARS IN ANY ONE LAYER.
- PROPER CHAIRS TO BE PROVIDED TO ENSURE SPECIFIED THICKNESS OF SLAB TO RETAIN THE TOP BARS IN PROPER POSITION & ALSO PROVIDE PROPER COVERING & PINS FOR BEAM REINFORCEMENT
- FIRST STIRRUPS IN BEAM SHOULD START FROM ITS FACE OF SUPPORT [i.e. FROM COLUMN OR BEAM FACE]
- PROVIDE LINKS FOR COLUMN REINFORCEMENT IN JUNCTION OF COLUMN, BEAMS & SLABS AS PER LINKS SPACING MENTIONED IN OUR DRAWINGS.
- OUR RESPONSIBILITY SHALL REMAIN LIMITED TO SAFE AND SOUND STRUCTURAL DESIGN.
- ALL STRUCTURAL CONCRETE SHALL BE WEIGHT BATCHED, MACHINE MIXED AND MECHANICALLY VIBRATED.
- WE SHALL NOT REMAIN RESPONSIBLE FOR
 - CONCRETE MIX, QUALITY, SHUTTERING, CURING, SUBSTANDARD CONSTRUCTION MATERIAL, WORKMANSHIP & FAULTY CONSTRUCTION PROCEDURE.
 - SAFETY OF OLD STRUCTURE DURING DEMOLITION AND SAFETY OF ABUTTING STRUCTURE / BUILDING. ANY ACCIDENT OCCURRING DUE TO CONSTRUCTION OF ELEMENT OF BUILDING NOT DESIGNED BY US.
- PROPER PRECAUTIONS SHOULD BE TAKE BY SHORING, STRUTTING ETC. TO MAINTAIN THE STABILITY OF ABUTTING STRUCTURES. STRUCTURAL CONSULTANT SHOULD BE INFORMED IF ANY GUIDANCE IS REQUIRED FOR THE SAME.
- SUPERVISION, IF SPECIFICALLY ASKED FOR, WILL BE PROVIDED TO THE EXTENT OF VERIFICATION OF REINFORCEMENT ON SITE BUT RESPONSIBILITY REGARDING CORRECT & SOUND CONSTRUCTION SHALL SOLELY REST WITH CONTRACTOR / BUILDER / OWNER.
- ANY DISCREPANCY BETWEEN OUR DRAWING & ARCHITECTS DRAWING SHALL BE BROUGHT TO OUR NOTICE BEFORE EXECUTION OF WORK, DO NOT SCALE THE DRAWING.
- FORMWORK OF CANTILEVER CANOPY, CHAJJA ETC. SHOULD NOT BE REMOVED WITHOUT PERMISSION OF THE STRUCTURAL CONSULTANT.

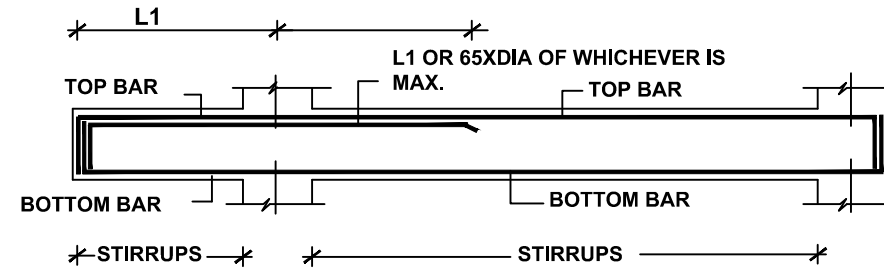
DESIGNING PERIOD			
SPAN IN M	UP TO 4.5 M	ABOVE 4.5 M	ABOVE 6.0 M
SLAB	7 DAYS	14 DAYS	14 DAYS
BEAM	14 DAYS	21 DAYS	21 DAYS

PLINTH BEAM SCHEDULE

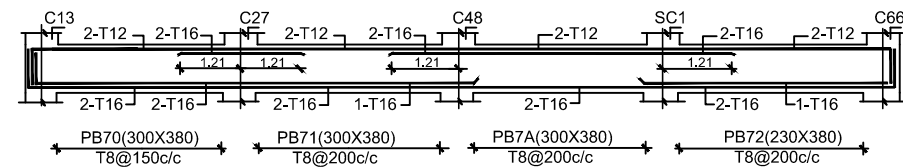
BEAM MKD.	SIZE	BOTT. REIN	TOP REIN	EXTRA @CONT. SUPP.	STIRRUPS BOTH END (L/3 from support)	STIRRUPS BALANCE	REMARK
PB1,4A	300X380	2-T16	2-T12	2-T20	T8@200c/c	T8@150c/c	-----
PB2,3,16,29,41,42,43 PB66A,56A,59C,61	300X380	2-T16	2-T12	2-T16	T8@200c/c	T8@200c/c	-----
PB4	300X380	2-T16	2-T12	2-T20	T8@200c/c	T8@200c/c	-----
PB5,5A,15,44,55A PB59B,68A,97A	300X380	2-T16	2-T12	-----	T8@200c/c	T8@200c/c	-----
PB6,7,9,10,11,12,13 PB18,19,25,26 PB32,33,35,35A PB37,50,51,52,53,54	300X380	3-T16	2-T12	2-T16	T8@150c/c	T8@200c/c	-----
PB8,52A,74,80,82,87 PB94,97,98A,102,107	300X380	3-T16	2-T12	-----	T8@150c/c	T8@200c/c	-----
PB14,17,21,22,27,31 PB37A,64,81,85	300X380	4-T16	3-T12	2-T16	T8@150c/c	T8@200c/c	-----
PB20,28,30,55,99A	300X380	2-T20+2-T16	3-T12	2-T16	T8@100c/c	T8@150c/c	-----
PB23,35B,46,49,58 PB59D,65,75,88,93 PB105	300X380	4-T16	2-T12	-----	T8@150c/c	T8@200c/c	-----
PB24,38A,104	230X380	2-T12	2-T12	-----	T8@200c/c	T8@200c/c	-----
PB24A,20A,21A,22A PB23A,46A,46B,57A PB103,106,109,108	230X380	2-T16	2-T12	-----	T8@200c/c	T8@200c/c	-----
PB36,47	230X380	2-T16	2-T16	-----	T8@150c/c	T8@150c/c	-----
PB38,81A,85A	300X380	4-T16	3-T12	-----	T8@150c/c	T8@200c/c	-----
PB39,40,56,69,79A PB90A,95,96	300X380	2-T20+2-T16	3-T12	-----	T8@150c/c	T8@200c/c	-----
PB45,48,57	300X380	4-T16	2-T12	2-T16	T8@150c/c	T8@200c/c	-----
PB59	300X380	2-T16	2-T12	2-T16	T8@150c/c	T8@150c/c	CANT.
PB59A,60,62,63,66 PB67,68,73	300X380	3-T16	2-T12	2-T16	T8@150c/c	T8@200c/c	-----
PB70,71,71A,72	REFER PROFILE						
PB76,77,86,89,90,92 PB93A,98,99	300X380	3-T16	2-T12	2-T16	T8@150c/c	T8@200c/c	-----
PB76A,89A,92A PB100A,100	300X380	2-T16	2-T12	2-T16	T8@200c/c	T8@200c/c	-----
PB78,83,79,84	300X380	4-T16	4-T16	-----	T8@150c/c	T8@150c/c	-----
PB91	300X380	4-T16	2-T12	2-T16	T8@150c/c	T8@200c/c	-----
PB34	300X380	4-T20	3-T12	2-T16	T8@100c/c	T8@150c/c	-----
PB96A	300X380	2-T20+2-T16	3-T12	-----	T8@150c/c	T8@200c/c	-----
PB101	300X380	4-T20	2-T12+1-T16	-----	T8@100c/c	T8@150c/c	-----
PB110	300X450	3-T20	2-T16	2-T16	T8@150c/c	T8@200c/c	-----
PB111	300X450	2-T20	2-T16	2-T16	T8@200c/c	T8@200c/c	-----
PB112	300X450	4-T20	2-T16	2-T16	T8@100c/c	T8@150c/c	-----
PB113	300X450	4-T20	2-T16	-----	T8@100c/c	T8@150c/c	-----



TYP.CONTINOUS BEAM



TYP.CANT.BEAM



NOTE:

- DO NOT SCALE THE DRAWING
- FOUNDATION TO REST ON HARD STRATA MINIMUM DEPTH OF EXCAVATION SHOULD BE 1.5M
- CONCRETE AS PER DESIGN MIX UNLESS SPECIFIED
 - BASIC REFERENCE CODE IS 456-2000(1-2-3-4 EDITION)
 - CONCRETE GRADE SHALL BE M20
 - EARTHQUAKE ZONE SPECIFIED IN IS 1893:2016-3rd ZONE
 - DUCTILE DESIGN TO SEISMIC FORCES IN IS 13920:2016
 - 'T' INDICATES TOR STEEL OF GRADE Fe 500
- 'Q' INDICATES MILD STEEL OF GRADE Fe 250 N/mm2
- SBC OF SOIL ASSUMED AS 30 T/m2
- CLEAR COVER TO MAIN REIN.
- FOOTING 40mm, COLUMN 25mm • BEAM 35mm, SLAB 20mm
- MINIMUM CEMENT CONTENT & MAXIMUM W/C RATIO USED FOR FOUNDATION CONCRETE SHOULD BE AS PER CLAUSE 1.2,3,2.4,1.9,1.2 (TABLE-5) OF BASIC REFERENCE CODE IS 456-2000(1-2-3-4 EDITION)

SPAN IN M	DESHUTTERING PERIOD		
	UP TO 4.5 M	ABOVE 4.5 M	ABOVE 6.0 M
SLAB	7 DAYS	14 DAYS	14 DAYS
BEAM	14 DAYS	21 DAYS	21 DAYS

- FOR CANTILEVER BEAMS TOP REINFORCEMENT TO BE ANCHORED BEHIND FOR 60 X D OR SPAN OF CANTILEVER WHICHEVER IS GREATER, [D = DIA. OF BAR]
- BAR BENDING SHOULD BE AS PER DETAILS GIVEN.
 - LAP LENGTH FOR i) BEAMS & SLABS = 60 X D [D = DIAMETER OF BAR]
 - ii) COLUMNS = 45 X D [D = DIAMETER OF BAR]
- ALL LAPS SHOULD BE STAGGERED & NOT MORE THAN 50% BARS TO BE LAPPED AT ANY GIVEN SECTION.
- ALL COLUMNS OF FRAME SHOULD BE TIED IN BOTH DIRECTIONS BY TIE BEAMS/ PLINTH BEAMS AT GROUND LEVEL/PLINTH LEVEL.EVEN IF HEIGHT OF COLUMNS IS WITHIN MAXIMUM ALLOWABLE HEIGHT LIMITS.
- AT ANY LEVEL WHERE COLUMN SIZE GETS REDUCED IN EITHER DIMENSIONS, TIE OR PLINTH BEAMS ARE REQUIRED.
- IF FOOTINGS OVERLAP EACH OTHER, NECESSARY REVISION SHOULD BE OBTAINED FROM OUR OFFICE.
- DO NOT CAST ANY R.C.C. WORK UNLESS IT IS CHECKED AND CONFIRMED BY R.C.C. DESIGNER
- COLUMNS ORIENTATION AS PER ARCHITECTURAL CENTER LINE PLAN.
- ALL REIN.SHALL BE BENT UP AS SHOWN TO SATISFY THE DEVELOPMENT LENGTH CRITERIA AS PER 465/2000 (FOR DEVELOPMENT LENGTH REFER SECT-DD)
- IF THERE ANY DEVIATION,REFERENCE SHALL BE MADE TO THIS OFFICE BEFORE EXECUTION

- FOR BEAMS HAVING WIDTH OF 6" [150 MM] PROVIDE ONLY TWO BARS IN ANY ONE LAYER & FOR BEAMS HAVING WIDTH OF 9" [230 MM] PROVIDE ONLY THREE BARS IN ANY ONE LAYER.
- PROPER CHAIRS TO BE PROVIDED TO ENSURE SPECIFIED THICKNESS OF SLAB TO RETAIN THE TOP BARS IN PROPER POSITION & ALSO PROVIDE PROPER COVERING & PINS FOR BEAM REINFORCEMENT
- FIRST STIRRUPS IN BEAM SHOULD START FROM ITS FACE OF SUPPORT [i.e. FROM COLUMN OR BEAM FACE.]
- PROVIDE LINKS FOR COLUMN REINFORCEMENT IN JUNCTION OF COLUMN, BEAMS & SLABS AS PER LINKS SPACING MENTIONED IN OUR DRAWING.
- OUR RESPONSIBILITY SHALL REMAIN LIMITED TO SAFE AND SOUND STRUCTURAL DESIGN.
- ALL STRUCTURAL CONCRETE SHALL BE WEIGHT BATCHED, MACHINE MIXED AND MECHANICALLY VIBRATED.

SPAN IN M	DESHUTTERING PERIOD		
	UP TO 4.5 M	ABOVE 4.5 M	ABOVE 6.0 M
SLAB	7 DAYS	14 DAYS	14 DAYS
BEAM	14 DAYS	21 DAYS	21 DAYS

- WE SHALL NOT REMAIN RESPONSIBLE FOR
 - CONCRETE MIX, QUALITY, SHUTTERING, CURING, SUBSTANDARD CONSTRUCTION MATERIAL, WORKMANSHIP & FAULTY CONSTRUCTION PROCEDURE .
 - SAFETY OF OLD STRUCTURE DURING DEMOLITION AND SAFETY OF ABUTTING STRUCTURE / BUILDING. ANY ACCIDENT OCCURRING DUE TO CONSTRUCTION OF ELEMENT OF BUILDING NOT DESIGNED BY US.
- PROPER PRECAUTIONS SHOULD BE TAKE BY SHORING, STRUTTING ETC. TO MAINTAIN THE STABILITY OF ABUTTING STRUCTURES. STRUCTURAL CONSULTANT SHOULD BE INFORMED IF ANY GUIDANCE IS REQUIRED FOR THE SAME.
- SUPERVISION, IF SPECIFICALLY ASKED FOR, WILL BE PROVIDED TO THE EXTENT OF VERIFICATION OF REINFORCEMENT ON SITE BUT RESPONSIBILITY REGARDING CORRECT & SOUND CONSTRUCTION SHALL SOLELY REST WITH CONTRACTOR / BUILDER / OWNER .
- ANY DISCREPANCY BETWEEN OUR DRAWING & ARCHITECTS DRAWING SHALL BE BROUGHT TO OUR NOTICE BEFORE EXECUTION OF WORK. DO NOT SCALE THE DRAWING.
- FORMWORK OF CANTILEVER CANOPY, CHAJJA ETC. SHOULD NOT BE REMOVED WITHOUT PERMISSION OF THE STRUCTURAL CONSULTANT.

STRUCTURAL CONSULTANT

SANJAY JATHADE M.TECH.(STR)
 'ROYAL PLAZA'COMPLEX F.FLOOR,S.NO.12,MURARGI PETH
 BEHIND BHAGWAT PETROL PUMP.SOLAPUR-413001
 CELL.9423589358 Email-sanjay_jathade@rediffmail.com

OFFICERS CLUB
 (PRESIDENT; HON. COLLECTOR,LATUR DISTRICT)

TITLE OF THE PROJECT: PROPOSED OFFICERS CLUB, LATUR

DRAWN: DD CHECKED: KK
SCALE: DATE:



ARCHITECTS:
 KRISHNAKUMAR BANGAD
 FIIA, COA, FIV, IIID
 CA/2004/32977

FIRST FLOOR BEAM SCHEDULE

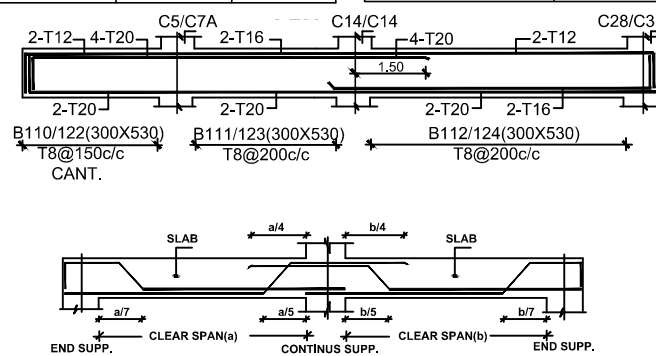
BEAM MKD.	SIZE	BOTT. REIN	TOP REIN	EXTRA @CONT. SUPP.	STIRRUPS BOTH END (L/3 from support)	STIRRUPS BALANCE	REMARK
B1,2,3	230X530	2-T16+1-T12	2-T12	-----	T8@200c/c	T8@200c/c	-----
B6,7,8,49B,27,152	230X530	4-T16	2-T12	-----	T8@150c/c	T8@200c/c	-----
B10,11,12,17 B35,60,61,62,75,76 B77,78,150	230X530	2-T16	2-T12	2-T16	T8@150c/c	T8@200c/c	-----
B53B,53C,67 B149,151	300X530	4-T16	2-T12	2-T16	T8@150c/c	T8@200c/c	-----
B13	230X230	2-T12	2-T12	-----	T8@200c/c	T8@200c/c	-----
B14,15	230X675	4-T20	2-T20	-----	T8@150c/c	T8@200c/c	2-T12@EFOB
B16,79	230X530	3-T16	2-T12	2-T16	T8@150c/c	T8@200c/c	-----
B21,22,24,26,38 B39,40,41,42,43,44 B45,46,49,52,80 B137,148	230X530	3-T16	2-T12	-----	T8@150c/c	T8@200c/c	-----
B23,56	230X530	2-T16+1-T12	2-T12	-----	T8@200c/c	T8@200c/c	-----
B31	300X530	2-T20	2-T12	2-T20	T8@200c/c	T8@200c/c	-----
B32	300X530	2-T20+1-T16	2-T12	2-T20	T8@150c/c	T8@200c/c	-----
B47,63	230X530	3-T16	2-T12	2-T20	T8@150c/c	T8@200c/c	-----
B48,120A	300X530	2-T20+2-T25	2-T16	-----	T8@100c/c	T8@150c/c	-----
B49A	300X530	2-T20+2-T25	2-T20	-----	T8@100c/c	T8@150c/c	-----
B54,55,57	230X530	3-T16	2-T12	-----	T8@150c/c	T8@200c/c	-----
B58,58A	230X530	2-T20	2-T20	-----	T8@150c/c	T8@200c/c	-----
B64	300X530	2-T20+2-T25	2-T12+2-T16	2-T20	T8@100c/c	T8@150c/c	-----
B65	300X530	2-T20	2-T12	-----	T8@200c/c	T8@200c/c	-----
B66A	300X530	2-T20	2-T12	2-T20	T8@200c/c	T8@200c/c	-----
B66,135	300X530	2-T20+2-T25	2-T12+2-T16	-----	T8@100c/c	T8@150c/c	-----
B9,59	230X230	2-T12	2-T12	2-T16	T8@150c/c	T8@150c/c	-----
B18,19,20	230X530	4-T16	3-T12	2-T16	T8@150c/c	T8@200c/c	-----
B25,28	230X530	2-T16	2-T12	-----	T8@200c/c	T8@200c/c	-----
B30A,70,72	300X530	2-T20	2-T12	2-T20	T8@150c/c	T8@150c/c	-----
B29	300X530	2-T20+1-T16	2-T12	2-T20	T8@150c/c	T8@200c/c	-----
B30,71,73,106,125	300X530	2-T20+2-T16	2-T12	2-T20	T8@150c/c	T8@200c/c	-----
B33,34,35,36,37	300X530	4-T20	2-T12	2-T20	T8@150c/c	T8@200c/c	-----
B37A	300X530	4-T20	2-T12	-----	T8@150c/c	T8@200c/c	-----
B53D,68,129 B132	300X530	4-T16	2-T12	-----	T8@150c/c	T8@200c/c	-----
B50,51	300X600	4-T20	2-T12+1-T16	2-T20	T8@100c/c	T8@150c/c	-----
B53	300X530	3-T16	2-T12	2-T16	T8@150c/c	T8@200c/c	-----
B53A	300X530	3-T16	2-T12	-----	T8@150c/c	T8@200c/c	-----
B74,12	300X530	2-T20	2-T12	-----	T8@150c/c	T8@200c/c	-----

FIRST FLOOR BEAM SCHEDULE

BEAM MKD.	SIZE	BOTT. REIN	TOP REIN	EXTRA @CONT. SUPP.	STIRRUPS BOTH END (L/3 from support)	STIRRUPS BALANCE	REMARK
B82	300X450	3-T16	2-T12	2-T16	T8@150c/c	T8@200c/c	-----
B83	300X450	2-T16	2-T12	2-T16	T8@200c/c	T8@200c/c	-----
B84	300X450	3-T16	2-T12	-----	T8@150c/c	T8@200c/c	-----
B85,86,104	REFER PROFILE						
B87	300X675	6-T25	2-T20+2-T16	2-T25	T8@100c/c	T8@150c/c	2-T12@EFOB
B88	300X675	2-T25	2-T20	-----	T8@150c/c	T8@200c/c	-----
B89	300X675	7-T25	4-T20	2-T25	T8@100c/c	T8@150c/c	-----
B90	300X675	3-T25	2-T20	-----	T8@150c/c	T8@200c/c	-----
B91,92,93,94,95,96 B105	150X530	2-T16	2-T12	-----	T8@200c/c	T8@200c/c	-----
B97,100	300X600	2-T20+2-T16	2-T16	2-T20	T8@150c/c	T8@200c/c	-----
B98,101,140	300X600	2-T20	2-T16	2-T20	T8@150c/c	T8@200c/c	-----
B99,102	300X600	4-T20	2-T16	-----	T8@150c/c	T8@200c/c	-----
B107,126	300X600	2-T25	2-T20	2-T20	T8@100c/c	T8@150c/c	-----
B108,127	300X600	4-T25	2-T20	2-T20	T8@100c/c	T8@150c/c	-----
B109,115,121A	300X530	2-T16	2-T20	-----	T8@200c/c	T8@200c/c	-----
B110,111,112,B122,123,124	REFER PROFILE						
B113,120	300X530	4-T20	2-T20	2-T20	T8@100c/c	T8@150c/c	-----
B114,121	300X600	4-T25	2-T20	2-T20	T8@100c/c	T8@150c/c	-----
B116	300X530/680	2-T25	2-T25	2-T20	T8@150c/c	T8@150c/c	CANT.
B117	300X675	6-T25	2-T25	-----	T8@100c/c	T8@150c/c	2-T12@EFOB
B118A	300X530	2-T20	2-T16	-----	T8@150c/c	T8@150c/c	-----
B118,141	300X530	4-T20	2-T16	2-T20	T8@150c/c	T8@200c/c	-----
B119,130,142	300X530	4-T20	2-T16	-----	T8@150c/c	T8@200c/c	-----
B120B	300X530	2-T20+1-T16	2-T16	-----	T8@150c/c	T8@200c/c	-----
B128	300X530	2-T20	2-T20	-----	T8@150c/c	T8@200c/c	-----
B131,133,136	300X600	6-T25	4-T20	-----	T8@100c/c	T8@150c/c	-----
B134,138,139,143	230X530	2-T20+2-T16	2-T16	-----	T8@150c/c	T8@200c/c	-----
B144,145,146	230X530	2-T16	2-T12	2-T16	T8@200c/c	T8@200c/c	-----
B147	230X530	2-T16	2-T12	-----	T8@200c/c	T8@200c/c	-----
B30K	230X450	2-T16	2-T12	2-T16	T8@200c/c	T8@200c/c	@ UPP.LVL.
B31K	230X450	2-T16	2-T12	-----	T8@200c/c	T8@200c/c	@ UPP.LVL.

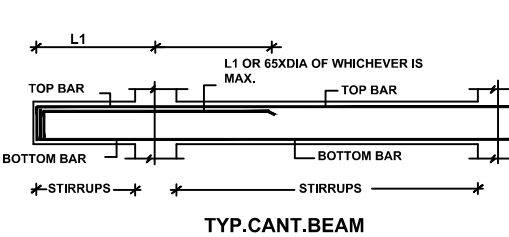
FIRST FLOOR SLAB SCHEDULE

SLAB MKD.	THK.	SHORT SPAN REIN.	LONG SPAN REIN.	DIST. REIN.	REMARK
S1	125	T10@120C/C ALT BENT	T8@200C/C	T8@200C/C	ONE WAY
S2	125	T10@150C/C ALT BENT	T8@200C/C	T8@200C/C	ONE WAY
S3	125	T10@170C/C ALT BENT	T10@230C/C ALT BENT	T8@200C/C	TWO WAY
S4	125	T10@200C/C ALT BENT	T8@200C/C	T8@200C/C	ONE WAY
S5	125	T8@200C/C ALT BENT	T8@200C/C	T8@200C/C	ONE WAY



BAR BENDING IN SLAB (ALT.BENT)

TYP. CONTINUOUS BEAM



TYP. CANT. BEAM

NOTE:

- DO NOT SCALE THE DRAWING
- FOUNDATION TO REST ON HARD STRATA. MINIMUM DEPTH OF EXCAVATION SHOULD BE 1.5M
- CONCRETE AS PER DESIGN MIX UNLESS SPECIFIED
- BASIC REFERENCE CODE IS 456-2000(1-2-3-4 EDITION)
- CONCRETE GRADE SHALL BE M20
- EARTHQUAKE ZONE SPECIFIED IN IS 1893:2015-3rd ZONE
- DUCTILE DESIGN TO RESIST SEISMIC FORCES IN IS 13920:2016
- 'T' INDICATES TOR STEEL OF GRADE Fe 500
- 'Ø' INDICATES MILD STEEL OF GRADE Fe 250 N/mm²
- SBC OF SOIL ASSUMED AS 30 T/m²
- CLEAR COVER TO MAIN REIN.
- FOOTING 40mm, COLUMN 25mm, BEAM 35mm, SLAB 20mm
- MINIMUM CEMENT CONTENT & MAXIMUM W/C RATIO USED FOR FOUNDATION CONCRETE SHOULD BE AS PER CLAUSE 1.2.8.2.4.1.3.1.2 (TABLE-5) OF BASIC REFERENCE CODE IS 456-2000(1-2-3-4 EDITION)

- FOR CANTILEVER BEAMS TOP REINFORCEMENT TO BE ANCHORED BEHIND FOR 60 X D OR SPAN OF CANTILEVER WHICHEVER IS GREATER; [D = DIA. OF BAR]
- BAR BENDING SHOULD BE AS PER DETAILS GIVEN.
- LAP LENGTH FOR: i) BEAMS & SLABS = 60 X D [D = DIAMETER OF BAR] ii) COLUMNS = 45 X D [D = DIAMETER OF BAR]
- ALL LAPS SHOULD BE STAGGERED & NOT MORE THAN 50% BARS TO BE LAPPED AT ANY GIVEN SECTION.
- ALL COLUMNS OF FRAME SHOULD BE TIED IN BOTH DIRECTIONS BY THE BEAMS/PLINTH BEAMS AT GROUND LEVEL/PLINTH LEVEL IF HEIGHT OF COLUMNS IS WITHIN MAXIMUM ALLOWABLE HEIGHT LIMITS.
- AT ANY LEVEL WHERE COLUMN SIZE GETS REDUCED IN EITHER DIMENSIONS, TIE OR PLINTH BEAMS ARE REQUIRED.
- IF FOOTINGS OVERLAP EACH OTHER, NECESSARY REVISION SHOULD BE OBTAINED FROM OUR OFFICE.
- DO NOT CAST ANY R.C.C. WORK UNLESS IT IS CHECKED AND CONFIRMED BY R.C.C. DESIGNER
- COLUMNS ORIENTATION AS PER ARCHITECTURAL CENTER LINE PLAN.
- ALL REIN SHALL BE BENT UP AS SHOWN TO SATISFY THE DEVELOPMENT LENGTH CRITERIA AS PER 465/2000 (FOR DEVELOPMENT LENGTH REFER SECT-DD)
- IF THERE ANY DEVIATION REFERENCE SHALL BE MADE TO THIS OFFICE BEFORE EXECUTION
- FOR BEAMS HAVING WIDTH OF 6" [150 MM] PROVIDE ONLY TWO BARS IN ANY ONE LAYER & FOR BEAMS HAVING WIDTH OF 9" [230 MM] PROVIDE ONLY THREE BARS IN ANY ONE LAYER.
- PROPER CHAIRS TO BE PROVIDED TO ENSURE SPECIFIED THICKNESS OF SLAB TO RETAIN THE TOP BARS IN PROPER POSITION & ALSO PROVIDE PROPER COVERING & PINS FOR BEAM REINFORCEMENT
- FIRST STIRRUPS IN BEAM SHOULD START FROM ITS FACE OF SUPPORT [i.e. FROM COLUMN OR BEAM FACE.]
- PROVIDE LINKS FOR COLUMN REINFORCEMENT IN JUNCTION OF COLUMN, BEAMS & SLABS AS PER LINKS SPACING MENTIONED IN OUR DRAWING.
- OUR RESPONSIBILITY SHALL REMAIN LIMITED TO SAFE AND SOUND STRUCTURAL DESIGN.
- ALL STRUCTURAL CONCRETE SHALL BE WEIGHT BATCHED, MACHINE MIXED AND MECHANICALLY VIBRATED.
- WE SHALL NOT REMAIN RESPONSIBLE FOR: 1) CONCRETE MIX, QUALITY, SHUTTERING, CURING, SUBSTANDARD CONSTRUCTION MATERIAL, WORKMANSHIP & FAULTY CONSTRUCTION PROCEDURE. 2) SAFETY OF OLD STRUCTURE DURING DEMOLITION AND SAFETY OF ABUTTING STRUCTURE / BUILDING, ANY ACCIDENT OCCURRING DUE TO CONSTRUCTION OF ELEMENT OF BUILDING NOT DESIGNED BY US.
- PROPER PRECAUTIONS SHOULD BE TAKEN BY SHORING, STRUTTING ETC. TO MAINTAIN THE STABILITY OF ABUTTING STRUCTURES. STRUCTURAL CONSULTANT SHOULD BE INFORMED IF ANY GUIDANCE IS REQUIRED FOR THE SAME.
- SUPERVISION, IF SPECIFICALLY ASKED FOR, WILL BE PROVIDED TO THE EXTENT OF VERIFICATION OF REINFORCEMENT ON SITE BUT RESPONSIBILITY REGARDING CORRECT & SOUND CONSTRUCTION SHALL SOLELY REST WITH CONTRACTOR / BUILDER / OWNER.
- ANY DISCREPANCY BETWEEN OUR DRAWING & ARCHITECTS DRAWING SHALL BE BROUGHT TO OUR NOTICE BEFORE EXECUTION OF WORK. DO NOT SCALE THE DRAWING.
- FORMWORK OF CANTILEVER CANOPY, CHAJJA ETC. SHOULD NOT BE REMOVED WITHOUT PERMISSION OF THE STRUCTURAL CONSULTANT.

SHEET NO: _____ BUILDING TYPE- MAIN BUILDING

FIRST FLOOR PLAN DETAILS

TITLE: SLAB & BEAM SCHEDULE DETAILS

SPECIFICATIONS:

STRUCTURAL CONSULTANT

SANJAY JATHADE M.TECH.(STR)
 'ROYAL PLAZA' COMPLEX F.FLOOR, S.NO.12, MURARGI PETH
 BEHIND BHAGWAT PETROL PUMP, SOLAPUR-413001
 CELL.9423589358 Email-sanjay_jathade@rediffmail.com

OFFICERS CLUB
 (PRESIDENT, HON. COLLECTOR, LATUR DISTRICT)

TITLE OF THE PROJECT: PROPOSED OFFICERS CLUB, LATUR

DRAWN: DD CHECKED: KK

SCALE: _____ DATE: _____

Space Magic consultants
 Bedre Arcade ground floor Behind Sushma Hotel (Shivaji) Chowk,
 Latur-413512, Maharashtra,
 Tel: +91 2382 246105 Email: k@spacemagic.in Visit: www.spacemagic.in

ARCHITECTS:
 KRISHNAKUMAR BANGAD
 FIIA, COA, FIV, IIID
 CA/2004/32977

THIS IS A PRESENTATION DRAWING IT MAY BE MODIFIED DURING EXECUTION

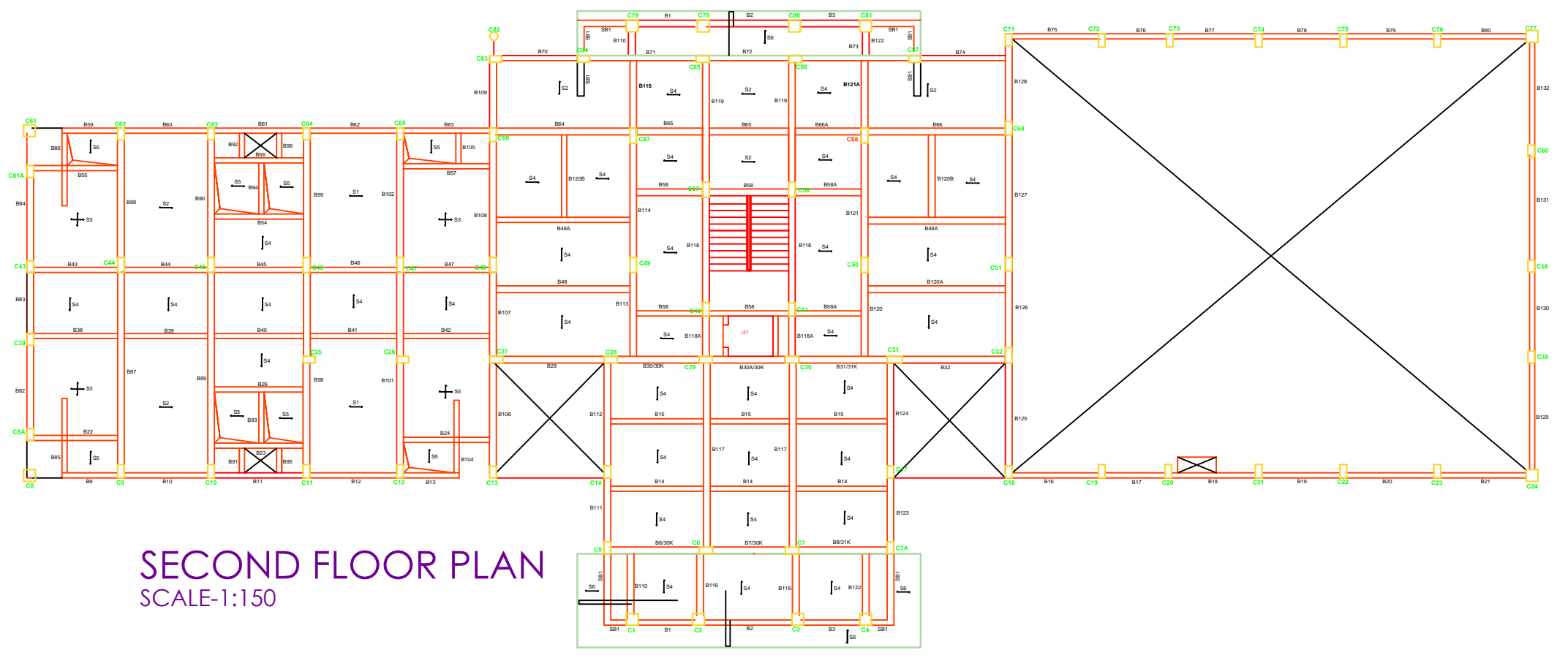
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BUILDING TYPE-
MAIN BUILDING

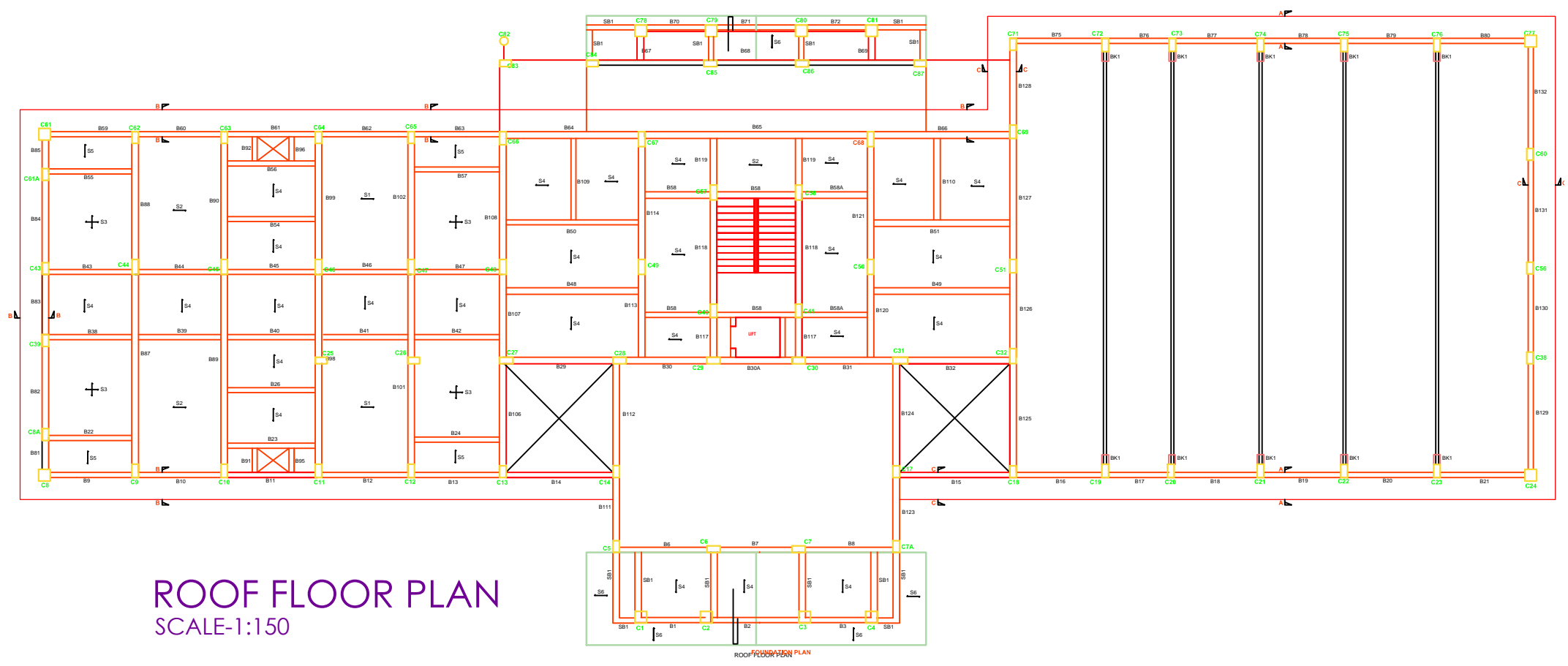
SECOND & ROOF FLOOR PLAN

TITLE: R.C.C PLAN FOR SECOND AND ROOF FLOOR

SPECIFICATIONS:



SECOND FLOOR PLAN
SCALE-1:150



ROOF FLOOR PLAN
SCALE-1:150

STRUCTURAL CONSULTANT

SANJAY JATHADE M.TECH.(STR)
'ROYAL PLAZA' COMPLEX F.FLOOR,S.NO.12,MURARGI PETH
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OFFICERS CLUB
(PRESIDENT; HON.
COLLECTOR,LATUR DISTRICT)

TITLE OF THE PROJECT
PROPOSED OFFICERS CLUB, LATUR

DRAWN	DD	CHECKED : KK
SCALE		DATE:

Space Magic consultants
Bedre Arcade,ground floor,Behind Sushma Hotel,Shivaji Chowk,
Latur-413512,Maharashtra,
Tel:+91 2382 246103 Email: kk@spacemagic.in/Vidil/www.spacemagic.in

ARCHITECTS:
KRISHNAKUMAR BANGAD
FIIA, COA, FIV, IIID
CA/2004/32977

SECOND FLOOR BEAM SCHEDULE

BEAM MKD.	SIZE	BOTT. REIN	TOP REIN	EXTRA @CONT. SUPP.	STIRRUPS BOTH END (L/3 from support)	STIRRUPS BALANCE	REMARK
B1,2,6,7	300X600	2-T16+2-T20	2-T20	2-T20	T8@150c/c	T8@200c/c	-----
B3,8	300X600	2-T16+2-T20	2-T20	-----	T8@150c/c	T8@200c/c	-----
B10,11,12,16,17,18 B19,20,35,60,61,62 B75,76,77,78,79	230X530	2-T16	2-T12	2-T16	T8@150c/c	T8@200c/c	-----
B13	230X230	2-T12	2-T12	-----	T8@200c/c	T8@200c/c	-----
B14,15	230X675	4-T20	2-T20	-----	T8@150c/c	T8@200c/c	2-T12@EFOB
B21,80	230X530	2-T16	2-T12	-----	T8@150c/c	T8@200c/c	-----
B22,24,26,38,39,40,41 B42,43,44,45,46,52	230X530	3-T16	2-T12	-----	T8@150c/c	T8@200c/c	-----
B23,56	230X530	2-T16+1-T12	2-T12	-----	T8@200c/c	T8@200c/c	-----
B31	300X530	2-T20	2-T12	2-T20	T8@200c/c	T8@200c/c	-----
B32	300X530	2-T20+1-T16	2-T12	2-T20	T8@150c/c	T8@200c/c	-----
B47,63	230X530	3-T16	2-T12	2-T20	T8@150c/c	T8@200c/c	-----
B48,120A	300X530	2-T20+2-T25	2-T16	-----	T8@100c/c	T8@150c/c	-----
B49A	300X530	2-T20+2-T25	2-T20	-----	T8@100c/c	T8@150c/c	-----
B54,55,57	230X530	3-T16	2-T12	-----	T8@150c/c	T8@200c/c	-----
B58,58A	230X530	2-T20	2-T20	-----	T8@150c/c	T8@200c/c	-----
B64	300X530	2-T20+2-T25	2-T12+2-T16	2-T20	T8@100c/c	T8@150c/c	-----
B65	300X530	2-T20	2-T12	-----	T8@200c/c	T8@200c/c	-----
B66A	300X530	2-T20	2-T12	2-T20	T8@200c/c	T8@200c/c	-----
B66	300X530	2-T20+2-T25	2-T12+2-T16	-----	T8@100c/c	T8@150c/c	-----
B9,59	230X230	2-T12	2-T12	2-T16	T8@150c/c	T8@150c/c	-----
B30A,70,72	300X530	2-T20	2-T12	2-T20	T8@150c/c	T8@150c/c	-----
B29	300X530	2-T20+1-T16	2-T12	2-T20	T8@150c/c	T8@200c/c	-----
B30,71,73,106,125	300X530	2-T20+2-T16	2-T12	2-T20	T8@150c/c	T8@200c/c	-----
B74,12	300X530	2-T20	2-T12	-----	T8@150c/c	T8@200c/c	-----
B82	300X450	3-T16	2-T12	2-T16	T8@150c/c	T8@200c/c	-----
B83	300X450	2-T16	2-T12	2-T16	T8@200c/c	T8@200c/c	-----

SECOND FLOOR BEAM SCHEDULE

BEAM MKD.	SIZE	BOTT. REIN	TOP REIN	EXTRA @CONT. SUPP.	STIRRUPS BOTH END (L/3 from support)	STIRRUPS BALANCE	REMARK
B85,86,104	REFER PROFILE						
B84	300X450	3-T16	2-T12	-----	T8@150c/c	T8@200c/c	-----
B87,101	300X675	6-T25	2-T20+2-T16	2-T25	T8@100c/c	T8@150c/c	2-T12@EFOB
B88,102	300X675	2-T25	2-T20	-----	T8@150c/c	T8@200c/c	-----
B89,98	300X675	7-T25	4-T20	2-T25	T8@100c/c	T8@150c/c	-----
B90,99	300X675	3-T25	2-T20	-----	T8@150c/c	T8@200c/c	-----
B91,92,93,94,95,96 B105	150X530	2-T16	2-T12	-----	T8@200c/c	T8@200c/c	-----
B107,126	300X600	2-T25	2-T20	2-T20	T8@100c/c	T8@150c/c	-----
B108,127	300X600	4-T25	2-T20	2-T20	T8@100c/c	T8@150c/c	-----
B109,115,121A	300X530	2-T16	2-T20	-----	T8@200c/c	T8@200c/c	-----
B110,116,122	300X600	2-T20	2-T20	-----	T8@200c/c	T8@200c/c	-----
B111,112,B123,124	REFER PROFILE						
B113,120	300X530	4-T20	2-T20	2-T20	T8@100c/c	T8@150c/c	-----
B114,121	300X600	4-T25	2-T20	2-T20	T8@100c/c	T8@150c/c	-----
B117	300X675	6-T25	4-T25	-----	T8@100c/c	T8@150c/c	2-T12@EFOB
B118A	300X530	2-T20	2-T16	-----	T8@150c/c	T8@150c/c	-----
B118	300X530	4-T20	2-T16	2-T20	T8@150c/c	T8@200c/c	-----
B119	300X530	4-T20	2-T16	-----	T8@150c/c	T8@200c/c	-----
B120B	300X530	2-T20+1-T16	2-T16	-----	T8@150c/c	T8@200c/c	-----
B128	300X530	2-T20	2-T20	-----	T8@150c/c	T8@200c/c	-----
B30K	230X450	2-T16	2-T12	2-T16	T8@200c/c	T8@200c/c	@ UPP.LVL.
B31K	230X450	2-T16	2-T12	-----	T8@200c/c	T8@200c/c	@ UPP.LVL.
B129,130,131	230X530	3-T16	2-T12	2-T16	T8@150c/c	T8@200c/c	-----
B132	230X530	3-T16	2-T12	-----	T8@150c/c	T8@200c/c	-----

SHEET NO: BUILDING TYPE- MAIN BUILDING

SECOND FLOOR PLAN

TITLE: SLAB & BEAM SCHEDULE DETAILS

SPECIFICATIONS:

STRUCTURAL CONSULTANT

SANJAY JATHADE M.TECH.(STR)
'ROYAL PLAZA' COMPLEX F.FLOOR.S.NO.12,MURARGI PETH
BEHIND BHAGWAT PETROL PUMP,SOLAPUR-413001
CELL.9423589358 Email-sanjay_jathade@rediffmail.com

OFFICERS CLUB
 (PRESIDENT, HON. COLLECTOR, LATUR DISTRICT)

TITLE OF THE PROJECT: PROPOSED OFFICERS CLUB, LATUR

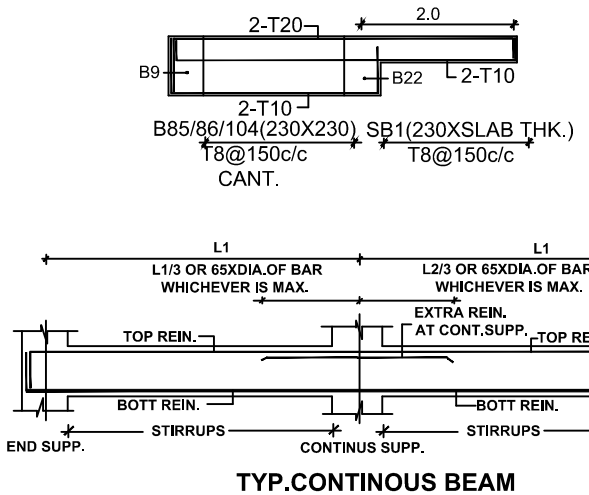
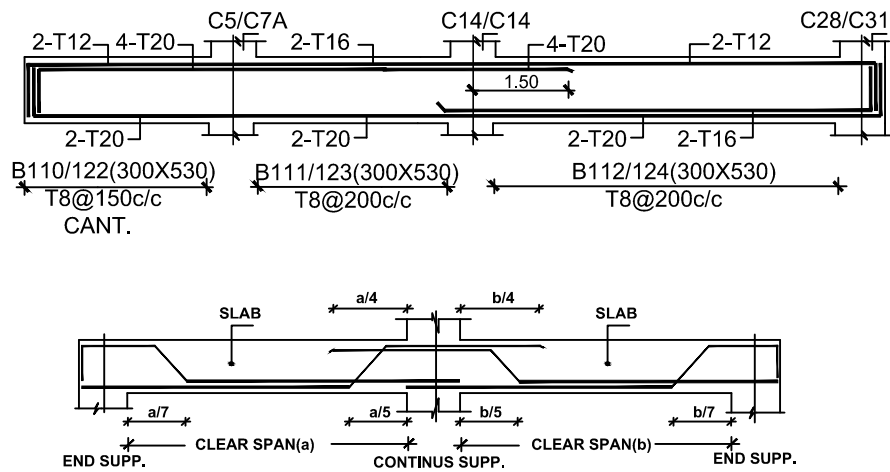
DRAWN: DD CHECKED: KK

SCALE: DATE:



ARCHITECTS:
KRISHNAKUMAR BANGAD
 FIAA, COA, FIV, IUID
 CA/2004/32977

THIS IS A PRESENTATION DRAWING IT MAY BE MODIFIED DURING EXECUTION



FIRST FLOOR SLAB SCHEDULE

SLAB MKD	THK.	SHORT SPAN REIN.	LONG SPAN REIN.	DIST. REIN.	REMARK
S1	125	T10@120C/C ALT BENT	T8@200C/C	T8@200C/C	ONE WAY
S2	125	T10@150C/C ALT BENT	T8@200C/C	T8@200C/C	ONE WAY
S3	125	T10@170C/C ALT BENT	T10@230C/C ALT BENT	T8@200C/C	TWO WAY
S4	125	T10@200C/C ALT BENT	T8@200C/C	T8@200C/C	ONE WAY
S5	125	T8@200C/C ALT BENT	T8@200C/C	T8@200C/C	ONE WAY

NOTE:

- DO NOT SCALE THE DRAWING
- FOUNDATION TO REST ON HARD STRATA
- MINIMUM DEPTH OF EXCAVATION SHOULD BE 1.5M
- CONCRETE AS PER DESIGN UNLESS SPECIFIED
- BASIC REFERENCE CODE IS 456-2000(1-2-3-4 EDITION)
- CONCRETE GRADE SHALL BE M20
- EARTHQUAKE ZONE SPECIFIED IN IS 1893-2015-3rd ZONE
- DUCTILE DESIGN TO SEISMIC FORCES IN IS 13920-2016
- T8 INDICATES TOR STEEL OF GRADE Fe 500
- 10 INDICATES MILD STEEL OF GRADE Fe 250 N/mm²
- SBC OF SOIL ASSUMED AS 30 T/m²
- CLEAR COVER TO MAIN REIN.
- FOOTING 40mm, COLUMN 25mm, BEAM 35mm, SLAB 20mm
- MINIMUM CEMENT CONTENT & MAXIMUM W/C RATIO USED FOR FOUNDATION CONCRETE SHOULD BE AS PER CLAUSE 1.2, 8.2.4.1, 9.1.2 (TABLE-5) OF BASIC REFERENCE CODE IS 456-2000(1-2-3-4 EDITION)

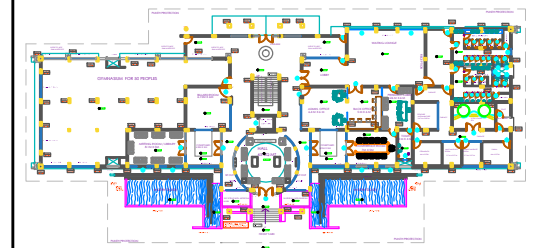
DESHUTTERING PERIOD			
SPAN IN M	UP TO 4.5 M	ABOVE 4.5 M	ABOVE 6.0 M
SLAB	7 DAYS	14 DAYS	14 DAYS
BEAM	14 DAYS	21 DAYS	21 DAYS

- FOR CANTILEVER BEAMS TOP REINFORCEMENT TO BE ANCHORED BEHIND FOR 60 X D OR SPAN OF CANTILEVER WHICHEVER IS GREATER (D = DIA. OF BAR)
- BAR BENDING SHOULD BE AS PER DETAILS GIVEN.
- LAP LENGTH FOR i) BEAMS & SLABS = 60 X D (D = DIAMETER OF BAR)
- ii) COLUMNS = 45 X D (D = DIAMETER OF BAR)
- ALL LAPS SHOULD BE STAGGERED & NOT MORE THAN 50% BARS TO BE LAPPED AT ANY GIVEN SECTION.
- ALL COLUMNS OF FRAME SHOULD BE TIED IN BOTH DIRECTIONS BY TIE BEAMS/PLINTH BEAMS AT GROUND LEVEL/PLINTH LEVEL EVEN IF HEIGHT OF COLUMNS IS WITHIN MAXIMUM ALLOWABLE HEIGHT LIMITS.
- AT ANY LEVEL WHERE COLUMN SIZE GETS REDUCED IN EITHER DIMENSIONS, TIE OR PLINTH BEAMS ARE REQUIRED.
- IF FOOTINGS OVERLAP EACH OTHER, NECESSARY REVISION SHOULD BE OBTAINED FROM OUR OFFICE.
- DO NOT CAST ANY R.C.C. WORK UNLESS IT IS CHECKED AND CONFIRMED BY R.C.C. DESIGNER
- COLUMNS ORIENTATION AS PER ARCHITECTURAL CENTER LINE PLAN.
- ALL REIN. SHALL BE BENT UP AS SHOWN TO SATISFY THE DEVELOPMENT LENGTH CRITERIA AS PER 465/2000 (FOR DEVELOPMENT LENGTH REFER SECT-DD)
- IF THERE ANY DEVIATION, REFERENCE SHALL BE MADE TO THIS OFFICE BEFORE EXECUTION

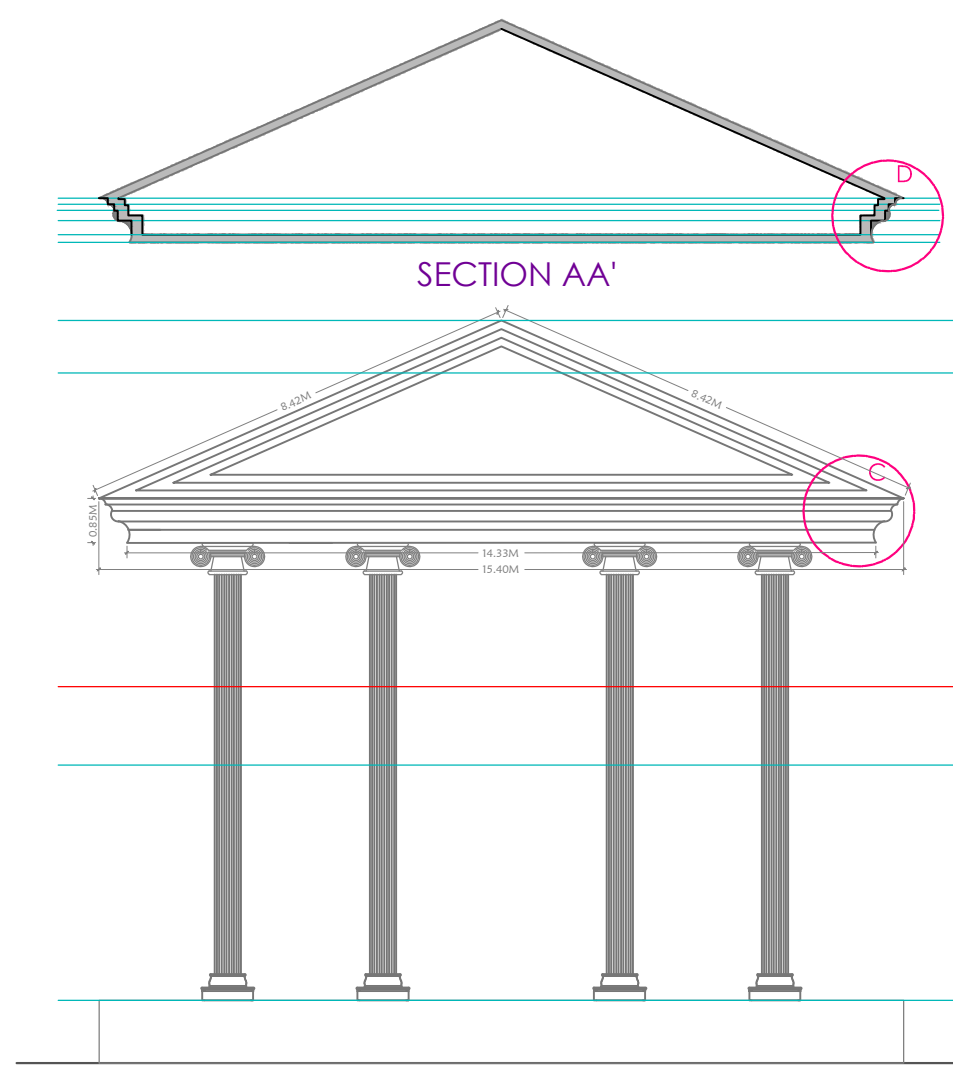
- FOR BEAMS HAVING WIDTH OF 6" [150 MM] PROVIDE ONLY TWO BARS IN ANY ONE LAYER & FOR BEAMS HAVING WIDTH OF 9" [230 MM] PROVIDE ONLY THREE BARS IN ANY ONE LAYER.
- PROPER CHAIRS TO BE PROVIDED TO ENSURE SPECIFIED THICKNESS OF SLAB TO RETAIN THE TOP BARS IN PROPER POSITION & ALSO PROVIDE PROPER COVERING & PINS FOR BEAM REINFORCEMENT
- FIRST STIRRUPS IN BEAM SHOULD START FROM ITS FACE OF SUPPORT [i.e. FROM COLUMN OR BEAM FACE.]
- PROVIDE LINKS FOR COLUMN REINFORCEMENT IN JUNCTION OF COLUMN, BEAMS & SLABS AS PER LINKS SPACING MENTIONED IN OUR DRAWING.
- OUR RESPONSIBILITY SHALL REMAIN LIMITED TO SAFE AND SOUND STRUCTURAL DESIGN.
- ALL STRUCTURAL CONCRETE SHALL BE WEIGHT BATCHED, MACHINE MIXED AND MECHANICALLY VIBRATED.

DESHUTTERING PERIOD			
SPAN IN M	UP TO 4.5 M	ABOVE 4.5 M	ABOVE 6.0 M
SLAB	7 DAYS	14 DAYS	14 DAYS
BEAM	14 DAYS	21 DAYS	21 DAYS

- WE SHALL NOT REMAIN RESPONSIBLE FOR
- 1) CONCRETE MIX, QUALITY, SHUTTERING, CURING, SUBSTANDARD CONSTRUCTION MATERIAL, WORKMANSHIP & FAULTY CONSTRUCTION PROCEDURE.
- 2) SAFETY OF OLD STRUCTURE DURING DEMOLITION AND SAFETY OF ABUTTING STRUCTURE / BUILDING. ANY ACCIDENT OCCURRING DUE TO CONSTRUCTION OF ELEMENT OF BUILDING NOT DESIGNED BY US.
- PROPER PRECAUTIONS SHOULD BE TAKE BY SHORING, STRUTTING ETC. TO MAINTAIN THE STABILITY OF ABUTTING STRUCTURES. STRUCTURAL CONSULTANT SHOULD BE INFORMED IF ANY GUIDANCE IS REQUIRED FOR THE SAME.
- SUPERVISION, IF SPECIFICALLY ASKED FOR, WILL BE PROVIDED TO THE EXTENT OF VERIFICATION OF REINFORCEMENT ON SITE BUT RESPONSIBILITY REGARDING CORRECT & SOUND CONSTRUCTION SHALL SOLELY REST WITH CONTRACTOR / BUILDER / OWNER.
- ANY DISCREPANCY BETWEEN OUR DRAWING & ARCHITECTS DRAWING SHALL BE BROUGHT TO OUR NOTICE BEFORE EXECUTION OF WORK, DO NOT SCALE THE DRAWING.
- FORMWORK OF CANTILEVER CANOPY, CHAJJA ETC. SHOULD NOT BE REMOVED WITHOUT PERMISSION OF THE STRUCTURAL CONSULTANT.

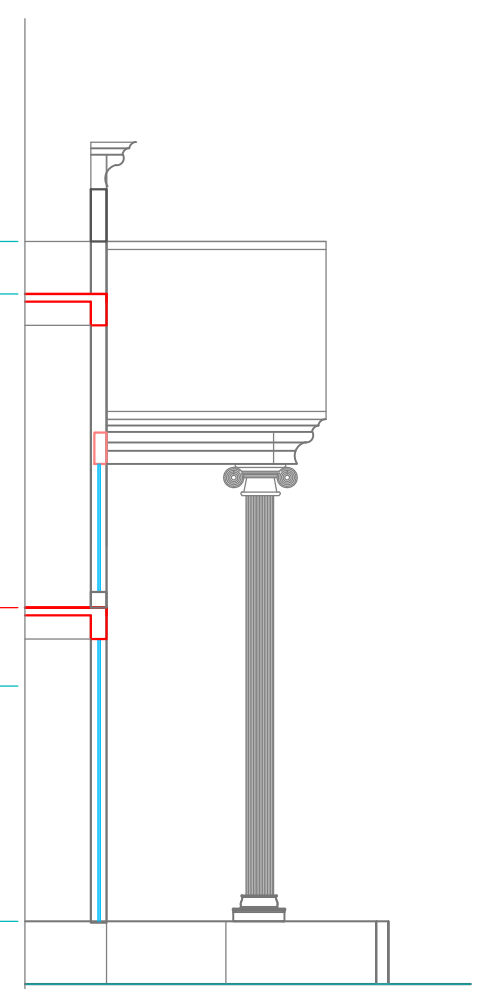


KEY PLAN
SCALE-1:750

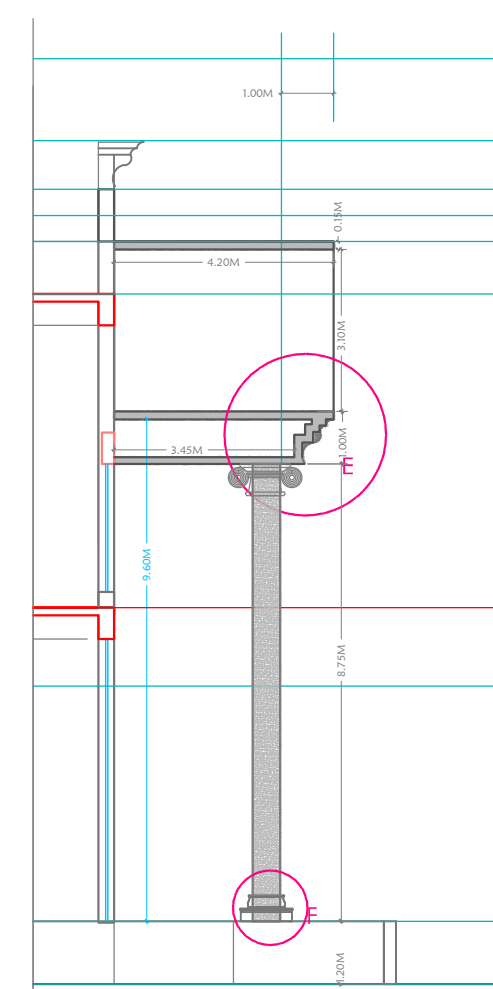


SECTION AA'

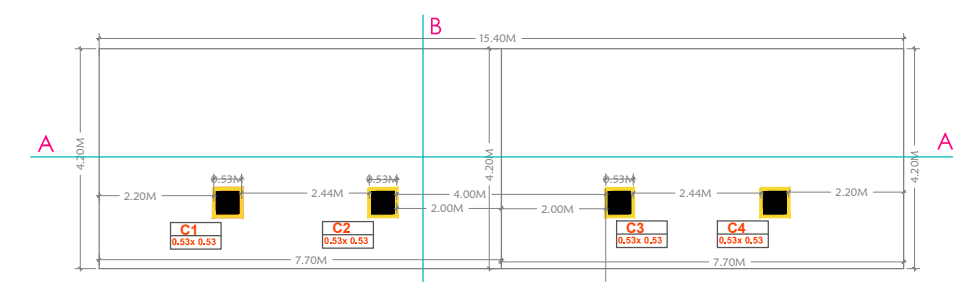
ELEVATION



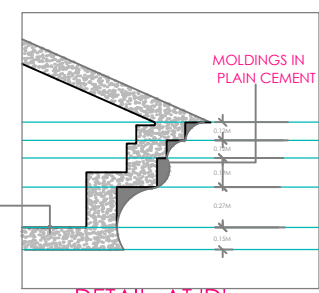
SECTIONAL ELEVATION



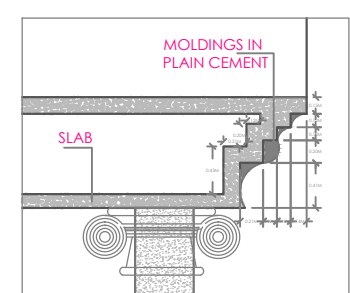
SECTION BB'



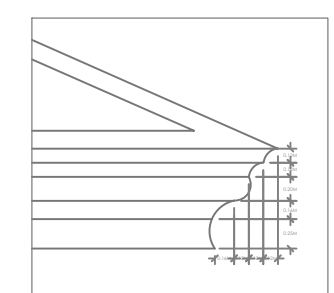
PLAN



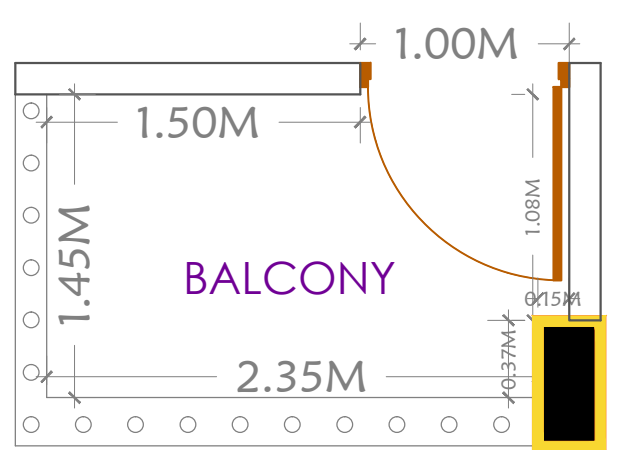
DETAIL AT 'D'



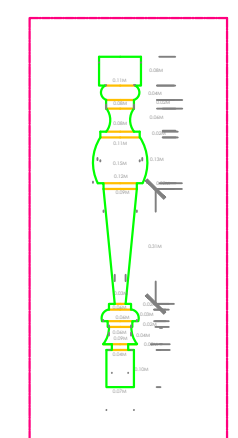
DETAIL AT 'E'



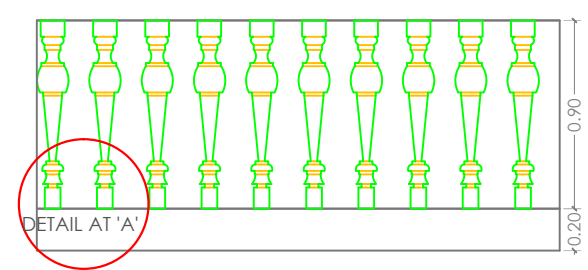
DETAIL AT 'C'



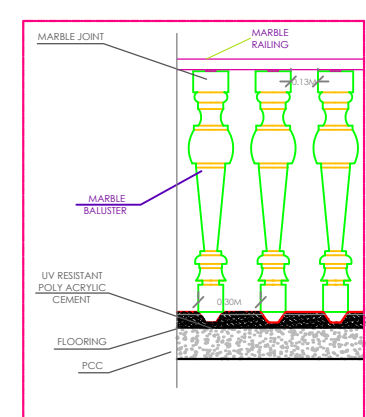
BALCONY RAILING PLAN



DETAIL OF SINGLE BALUSTER



BALCONY RAILING ELEVATION

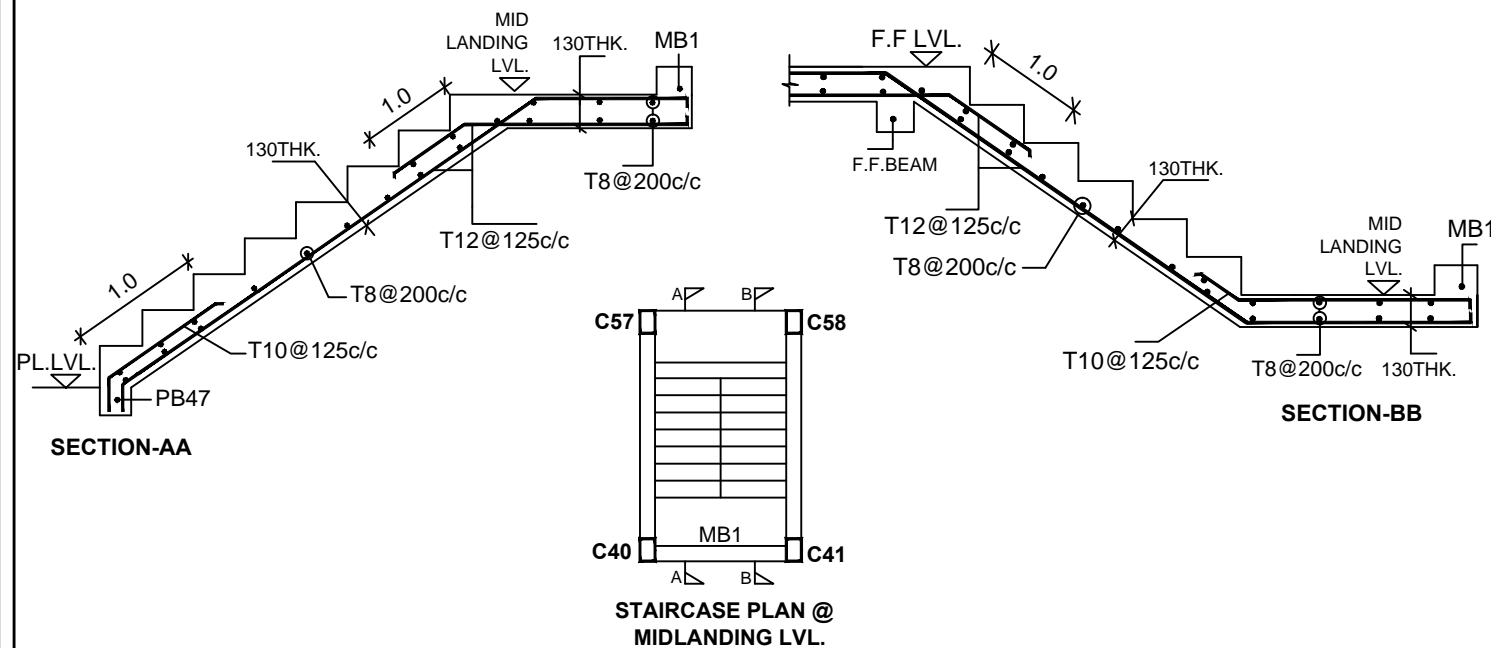


DETAIL AT 'A'

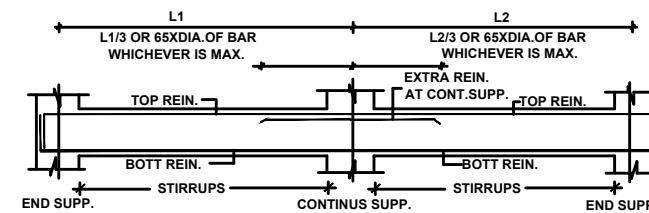
	OFFICERS CLUB (PRESIDENT; HON. COLLECTOR, LATUR DISTRICT)
TITLE OF THE PROJECT	PROPOSED OFFICERS CLUB, LATUR
DRAWN	CHECKED : KK
SCALE	DATE:
	 Bede Arcade, ground floor, Behind Sushma Hotel, Shivaji Chowk, Latur-413512, Maharashtra. Tel: +91 2382 246105 Email: kk@spacemagic.in Visit: www.spacemagic.in

ARCHITECTS:
KRISHNAKUMAR BANGAD
FIIA, COA, FIV, IIID
CA/2004/32977

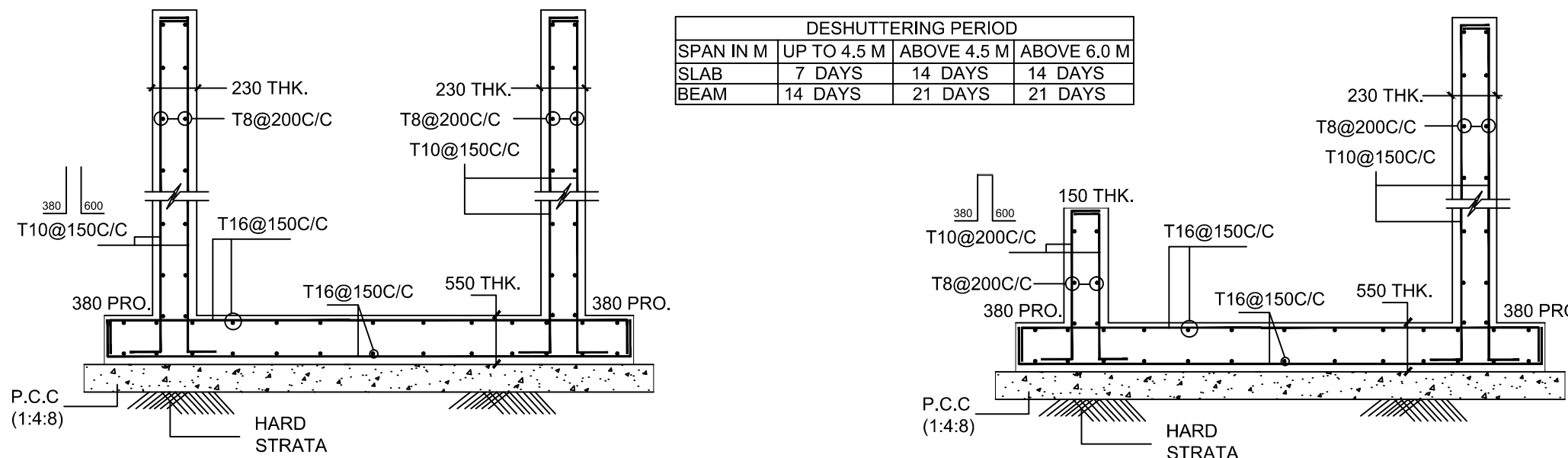
STAIRCASE DETAILS



DESHUTTERING PERIOD			
SPAN IN M	UP TO 4.5 M	ABOVE 4.5 M	ABOVE 6.0 M
SLAB	7 DAYS	14 DAYS	14 DAYS
BEAM	14 DAYS	21 DAYS	21 DAYS

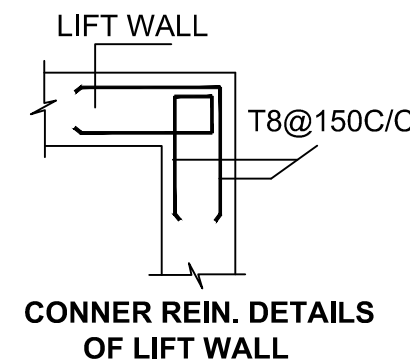
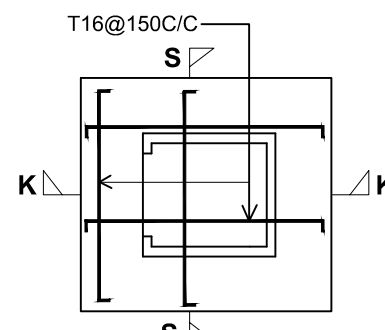
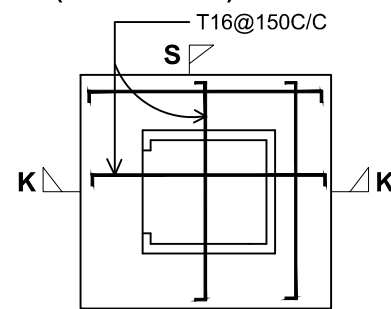


LIFT DETAILS



DESHUTTERING PERIOD			
SPAN IN M	UP TO 4.5 M	ABOVE 4.5 M	ABOVE 6.0 M
SLAB	7 DAYS	14 DAYS	14 DAYS
BEAM	14 DAYS	21 DAYS	21 DAYS

SECTIONAL DETAILS OF LIFT (SECTION-SS)



- NOTE:**
- DO NOT SCALE THE DRAWING
 - CONCRETE GRADE SHALL BE M20
 - T' INDICATES TOR STEEL OF GRADE Fe 500
 - Ø' INDICATES MILD STEEL OF GRADE Fe 250 N/mm²
 - SBC OF SOIL ASSUMED AS 30 T/m² • CLEAR COVER TO MAIN REIN.
 - FOOTING 40mm, COLUMN 25mm • BEAM 35mm, SLAB 20mm
 - ALL REIN. SHALL BE BENT UP AS SHOWN TO SATISFY THE DEVELOPMENT LENGTH CRITERIA AS PER 465/2000 (FOR DEVELOPMENT LENGTH REFER SECT-DD)
 - MINIMUM CEMENT CONTENT & MAXIMUM W/C RATIO USED FOR FOUNDATION CONCRETE SHOULD BE AS PER CLAUSE 1.2.8.2, 4.1.9.1.2 (TABLE-5) OF IS-456-2000
 - IF THERE ANY DEVIATION, REFERENCE SHALL BE MADE TO THIS OFFICE BEFORE EXECUTION

SHEET NO: _____ BUILDING TYPE- MAIN BUILDING

STAIRCASE & LIFT DETAILS

TITLE: STAIRCASE & LIFT DETAILS

SPECIFICATIONS:

STRUCTURAL CONSULTANT

SANJAY JATHADE M.TECH.(STR)
 'ROYAL PLAZA' COMPLEX F.FLOOR, S.NO.12, MURARGI PETH
 BEHIND BHAGWAT PETROL PUMP, SOLAPUR-413001
 CELL.9423589358 Email-sanjay_jathade@rediffmail.com

OFFICERS CLUB
 (PRESIDENT; HON. COLLECTOR, LATUR DISTRICT)

TITLE OF THE PROJECT: PROPOSED OFFICERS CLUB, LATUR

DRAWN: DD CHECKED: KK

SCALE: _____ DATE: _____

Space Magic consultants
 Bedre Arcade ground floor Behind Sushma Hotel, Shivaji Chowk,
 Latur-413512, Maharashtra,
 Tel:+91 2382 246105 Email: km@spacemagic.in Visit: www.spacemagic.in

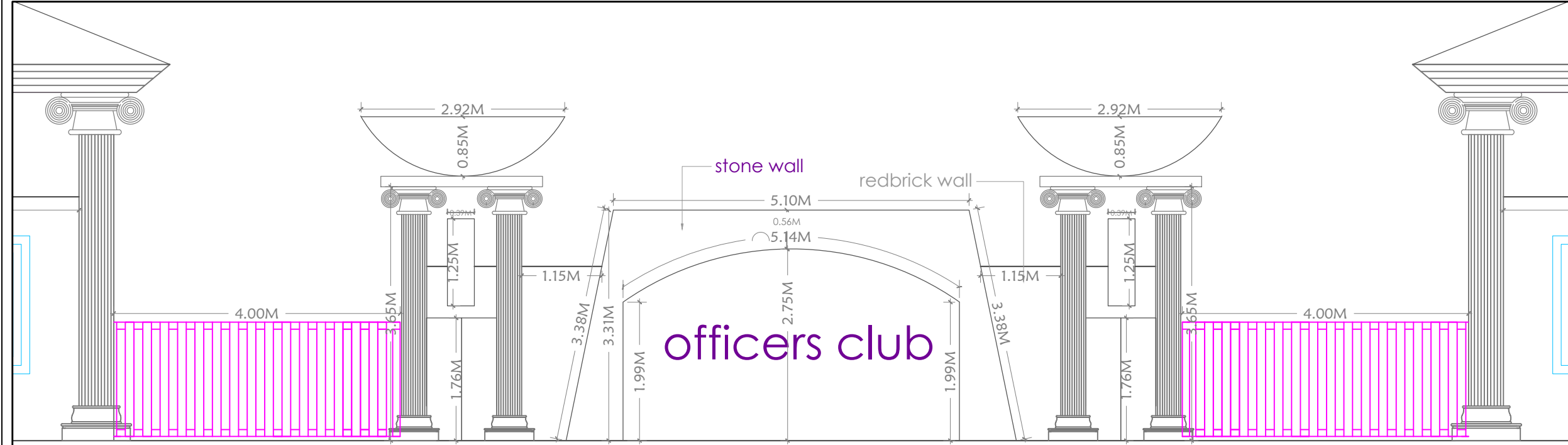
ARCHITECTS:
 KRISHNAKUMAR BANGAD
 FIA, COA, FIV, IIID
 CA/2004/32977

THIS IS A PRESENTATION DRAWING IT MAY BE MODIFIED DURING EXECUTION

SHEET NO:

TITLE: ENTRANCE GATE DETAIL

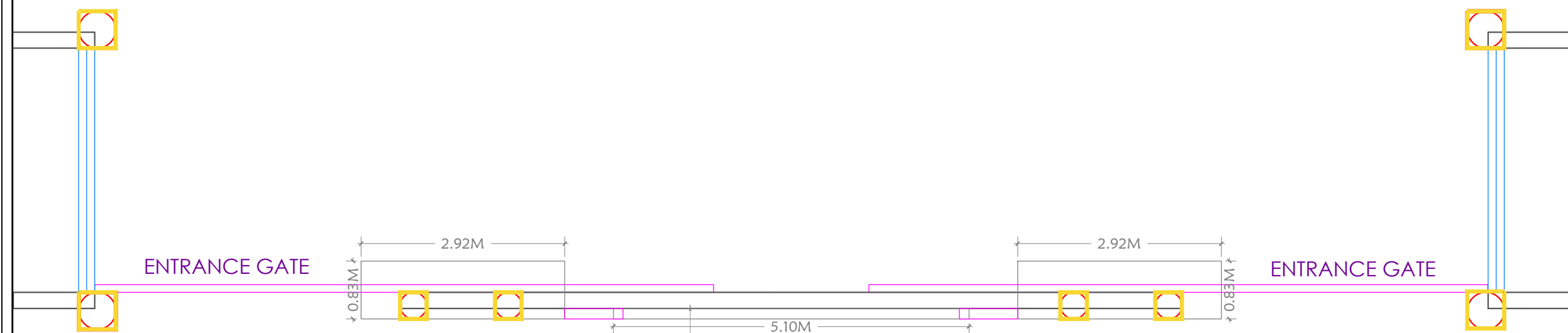
SPECIFICATIONS:



ENTRANCE GATE

ENTRANCE GATE

ELEVATION

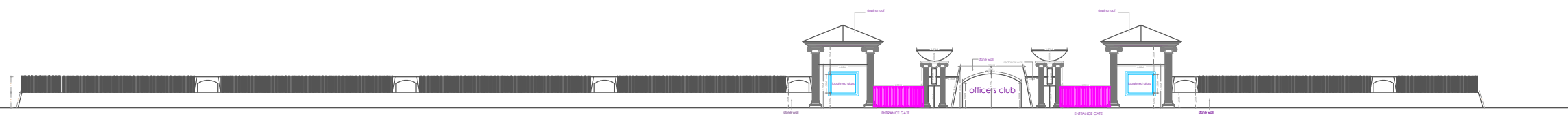


ENTRANCE GATE

ENTRANCE GATE

NAMEPLATE
stone wall


PLAN



ELEVATION

PLAN

BOUNDARY WALL AND ENTRANCE GATE

 **OFFICERS CLUB**
(PRESIDENT; HON. COLLECTOR, LATUR DISTRICT)

TITLE OF THE PROJECT: PROPOSED OFFICERS CLUB, LATUR

DRAWN: _____ CHECKED : KK
SCALE: _____ DATE: _____

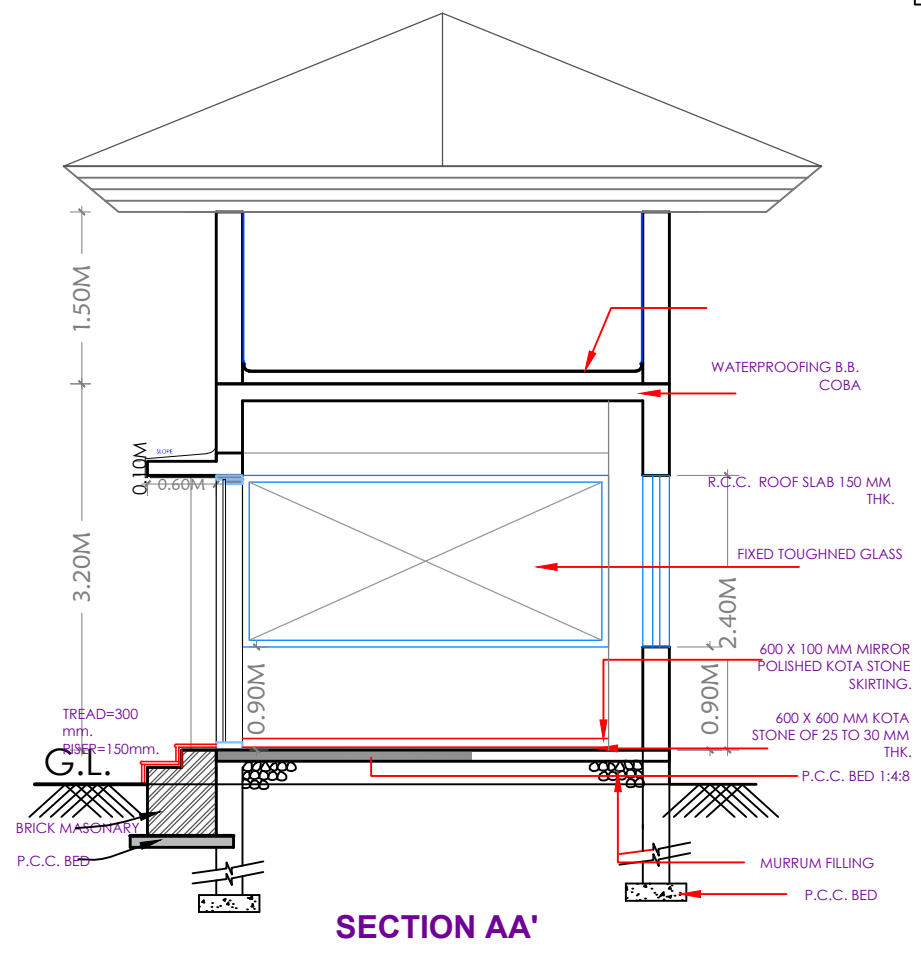
 **Space Magto** consultants
Bedre Arcade, ground floor, Behind Sushma Hotel, Shivaji Chowk, Latur-413512, Maharashtra.
Tel: +91 2382 246105 Email: kk@spacemagic.in / www.spacemagic.in

ARCHITECTS:
KRISHNAKUMAR BANGAD
FIIA, COA, FIV, IIID
CA/2004/32977

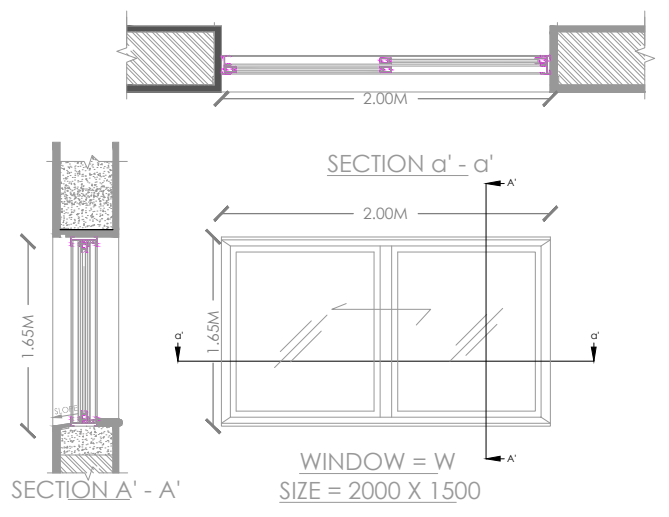
B	300X530	4-T16	2-T16	T8@150c/c	T8@200c/c
---	---------	-------	-------	-----------	-----------

COLUMN & FOOTING SCHEDULE

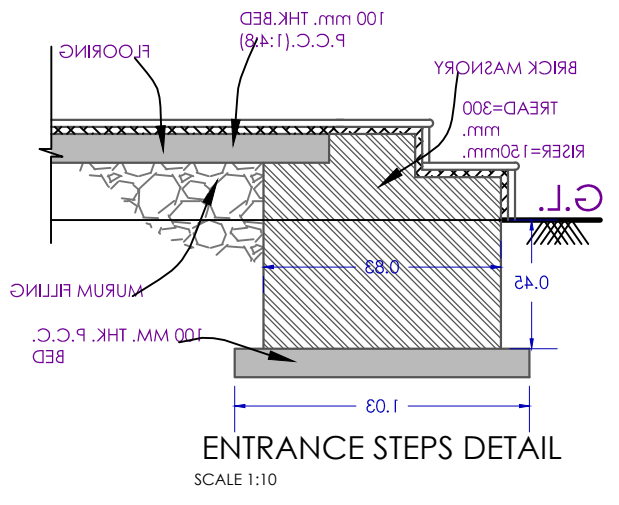
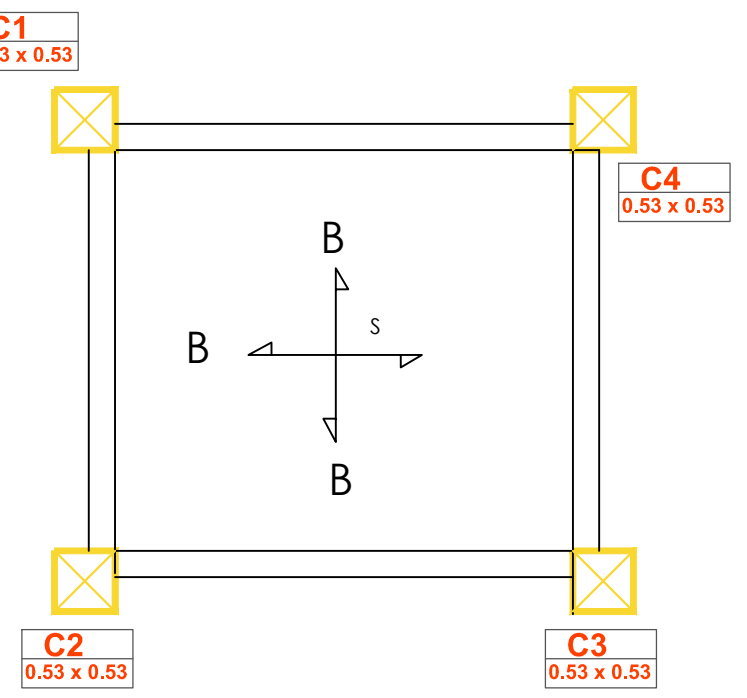
FOOTING TOP TO FIRST FLOOR	
FOOTING SIZE(LXB)	5'6"X5'6"
D	20"
REIN.PARALLEL TO 'L'	13-T10
REIN.PARALLEL TO 'B'	13-T10
P.C.C	6'0"X6'0"X0'4"
COLUMN MKD.	C1,C2,C3,C4



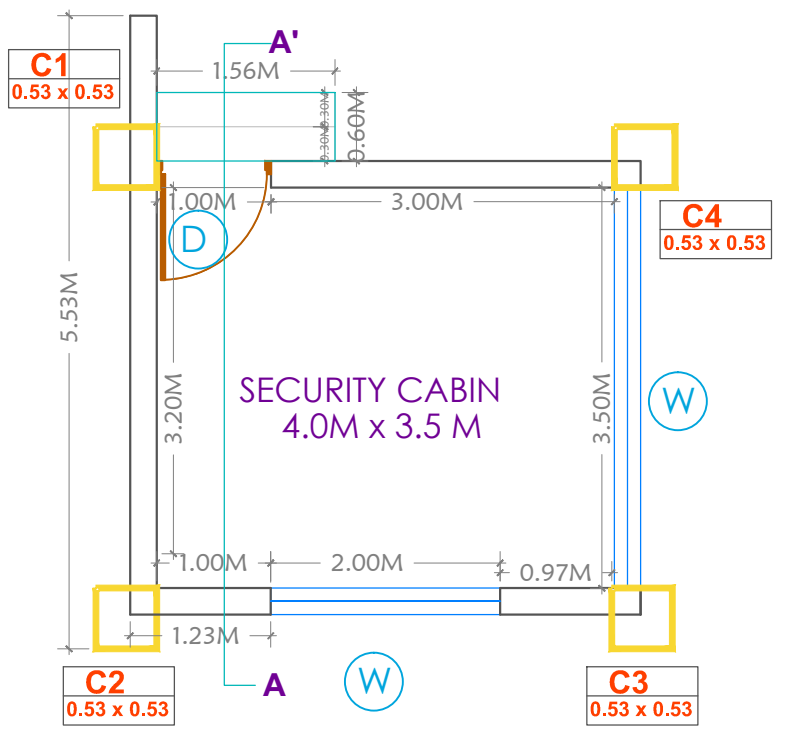
SECTION AA'



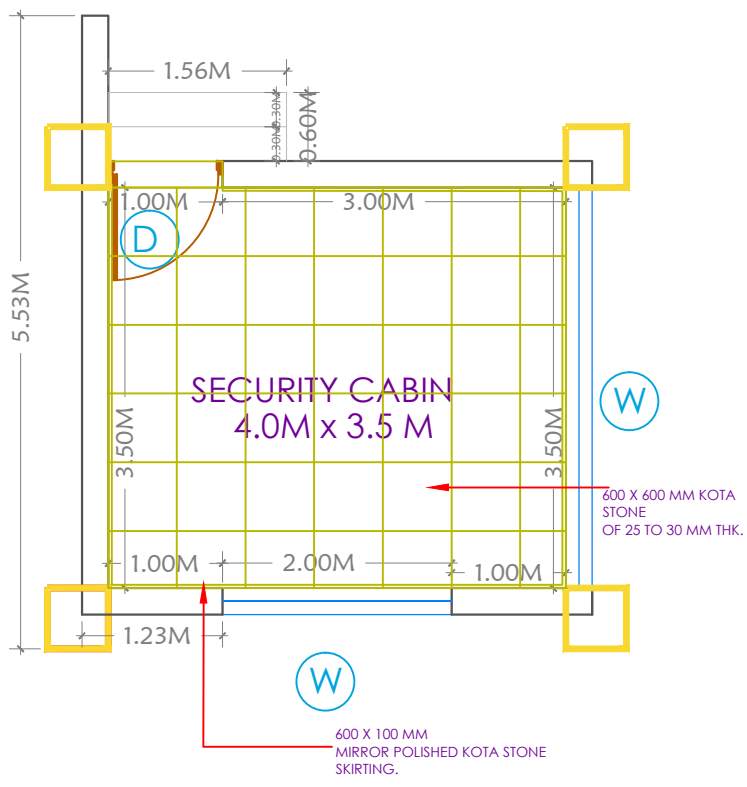
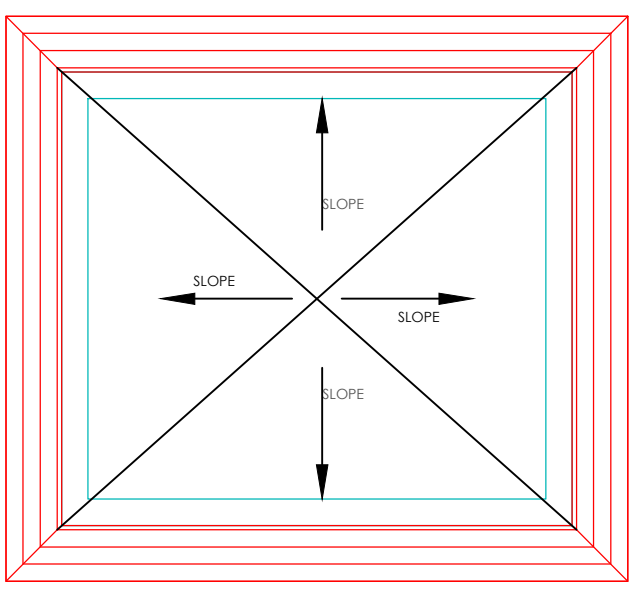
WINDOW = W
SIZE = 2000 X 1500



ENTRANCE STEPS DETAIL
SCALE 1:10



**SECURITY CABIN
4.0M x 3.5 M**



**SECURITY CABIN
4.0M x 3.5 M**

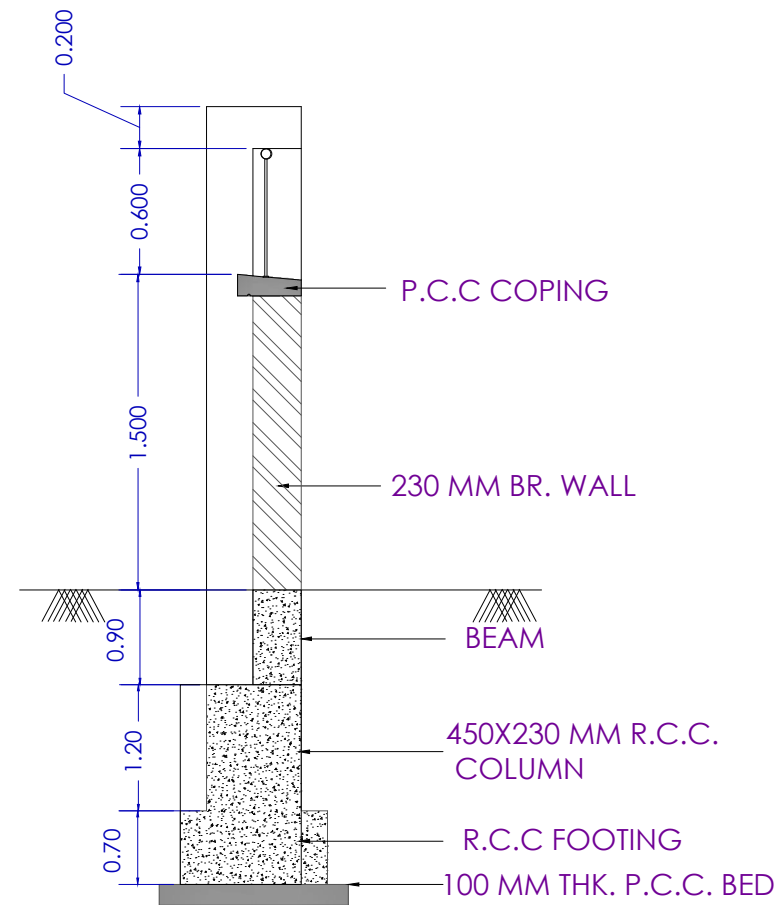
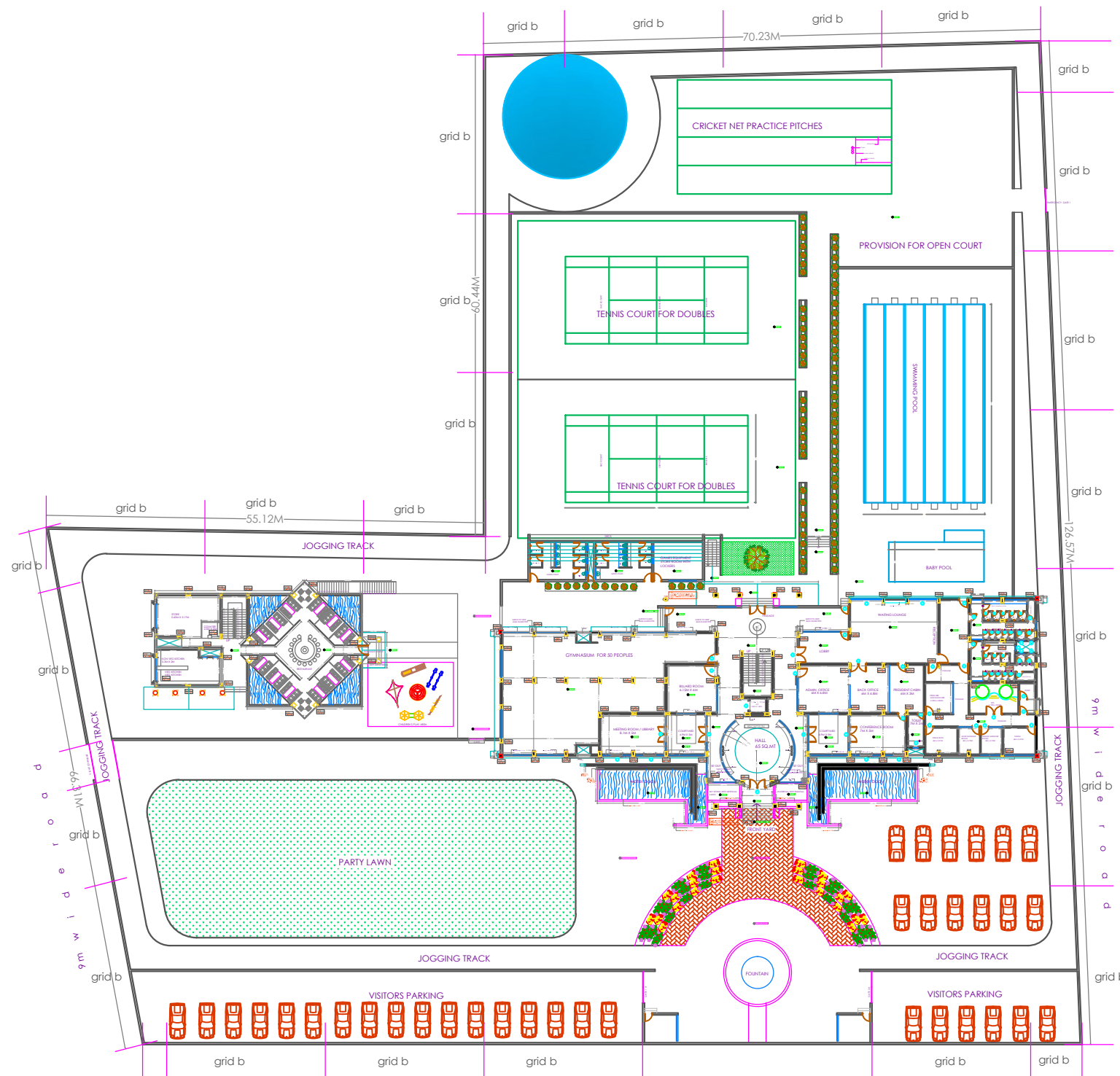
OFFICERS CLUB
(PRESIDENT; HON. COLLECTOR, LATUR DISTRICT)

TITLE OF THE PROJECT: PROPOSED OFFICERS CLUB, LATUR

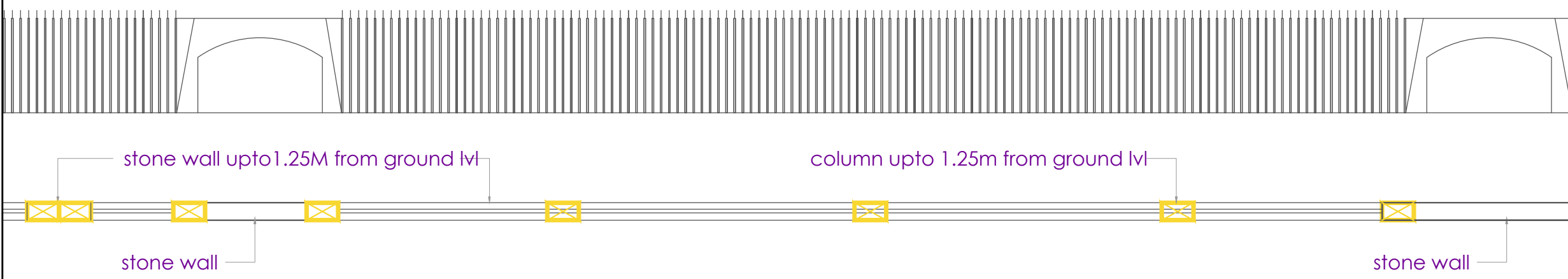
DRAWN: _____ CHECKED: KK
SCALE: _____ DATE: _____


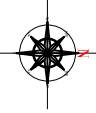

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Tel: +91 2382 246105 Email: kk@spacemagic.in / www.spacemagic.in

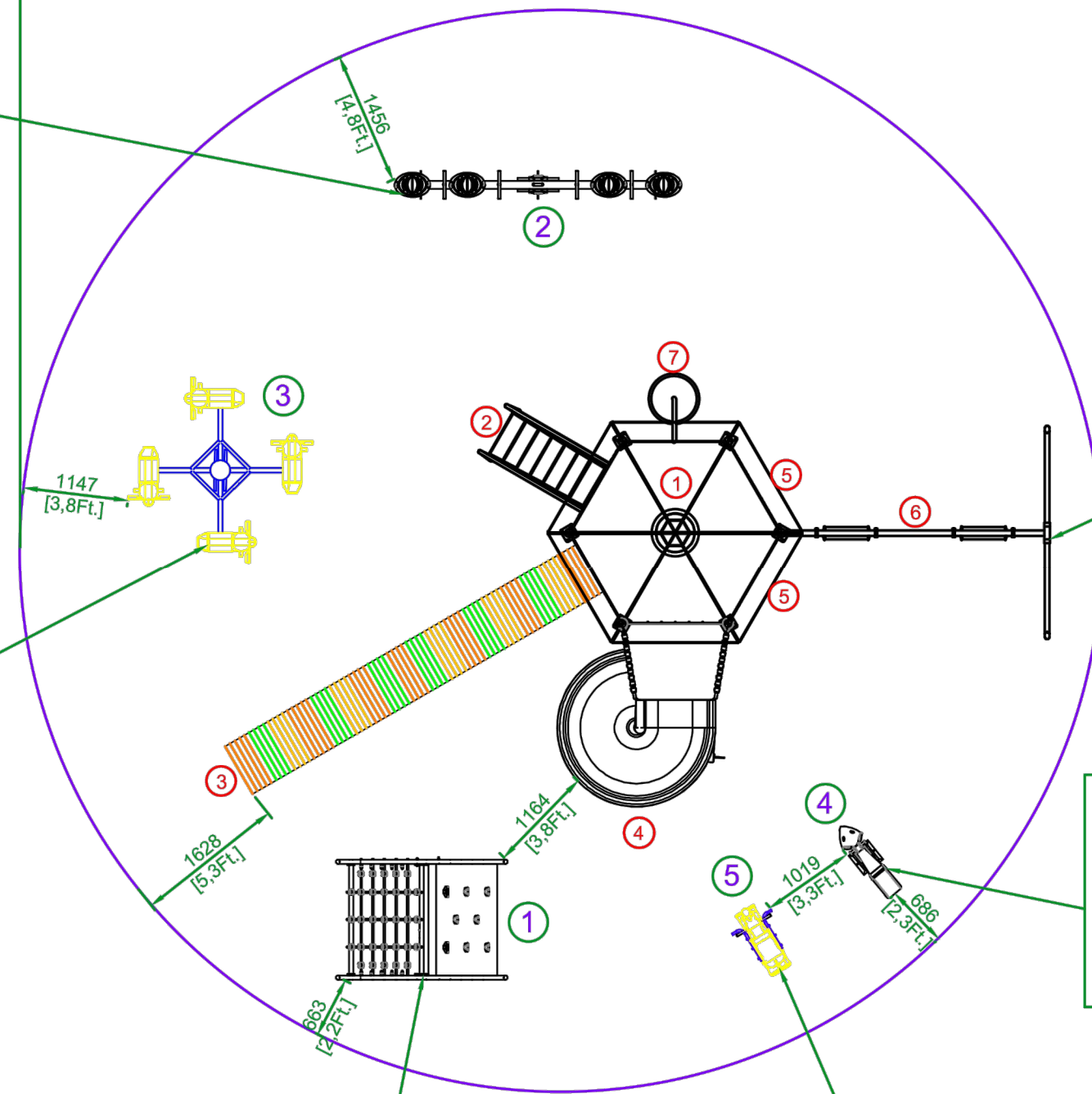
ARCHITECTS:
KRISHNAKUMAR BANGAD
FIIA, COA, FIV, IIID
CA/2004/32977



type B



SHEET NO:	
TITLE: BOUNDARY WALL DETAIL	
SPECIFICATIONS:	
 OFFICERS CLUB (PRESIDENT; HON. COLLECTOR, LATUR DISTRICT)	
TITLE OF THE PROJECT	PROPOSED OFFICERS CLUB, LATUR
DRAWN	CHECKED : KK
SCALE	DATE:
  <small>Bedre Arcade, ground floor, Behind Sushma Hotel, Shivaji Chowk, Latur-413512, Maharashtra, Tel: +91 2382 246103 Email: kk@spacemagic.in / www.spacemagic.in</small>	ARCHITECTS: KRISHNAKUMAR BANGAD FIIA, COA, FIV, IIID CA/2004/32977
THIS IS A PRESENTATION DRAWING IT MAY BE MODIFIED DURING EXECUTION	



SHEET NO:
 GROUND FLOOR, FIRST FLOOR, SECOND FLOOR
 TITLE: PLAYGROUND
 SPECIFICATIONS:

MAPS 7

SR.NO	PART DESCRIPTION	QTY
1	HEX DECK 5' HT WITH HEX CANOPY	1
2	FRP LADDER 5' HT	1
3	METAL ROLLER SLIDE 5' HT	1
4	FRP SPIRAL SLIDE 5' HT	1
5	ROTO RAILING	2
6	DOUBLE SWING	1
7	SPIRAL CLIMBER 5' HT	1
8	FLAG	1

SR.NO	PART DESCRIPTION	QTY
1	NET ROCK SCRAMBLER 5' HT	1
2	MULTI SEATER SEE-SAW	1
3	ANIMAL MGR	1
4	SPRING RIDER HOPPER	1
5	SPRING RIDER JUMBO	1

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TITLE OF THE PROJECT: PROPOSED OFFICERS CLUB, LATUR

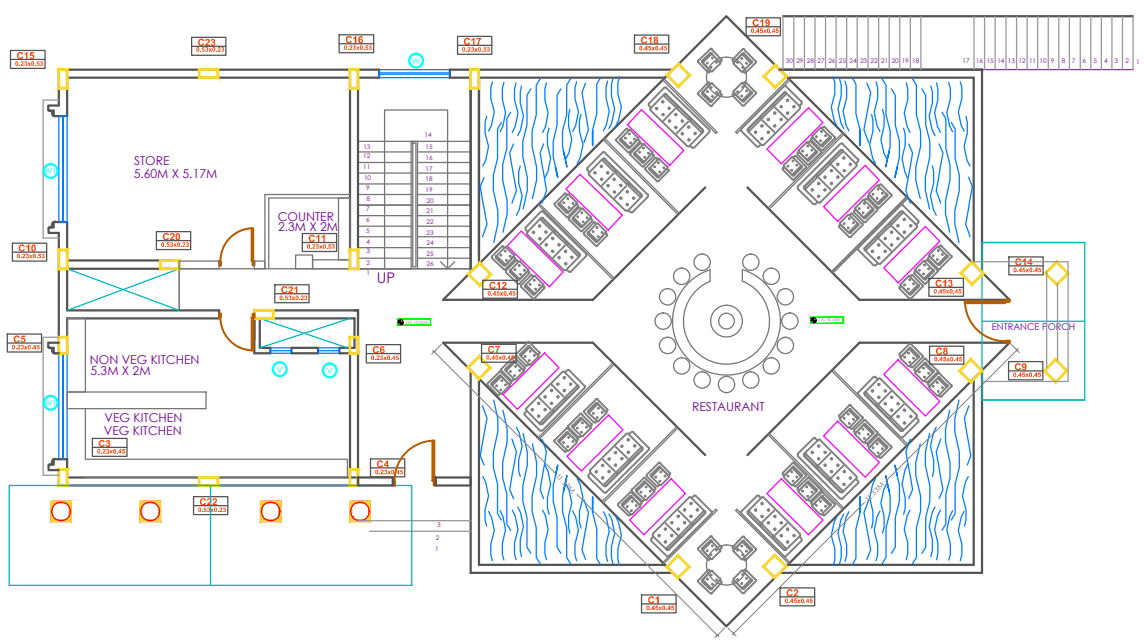
DRAWN: DD CHECKED: KK
 SCALE: DATE:



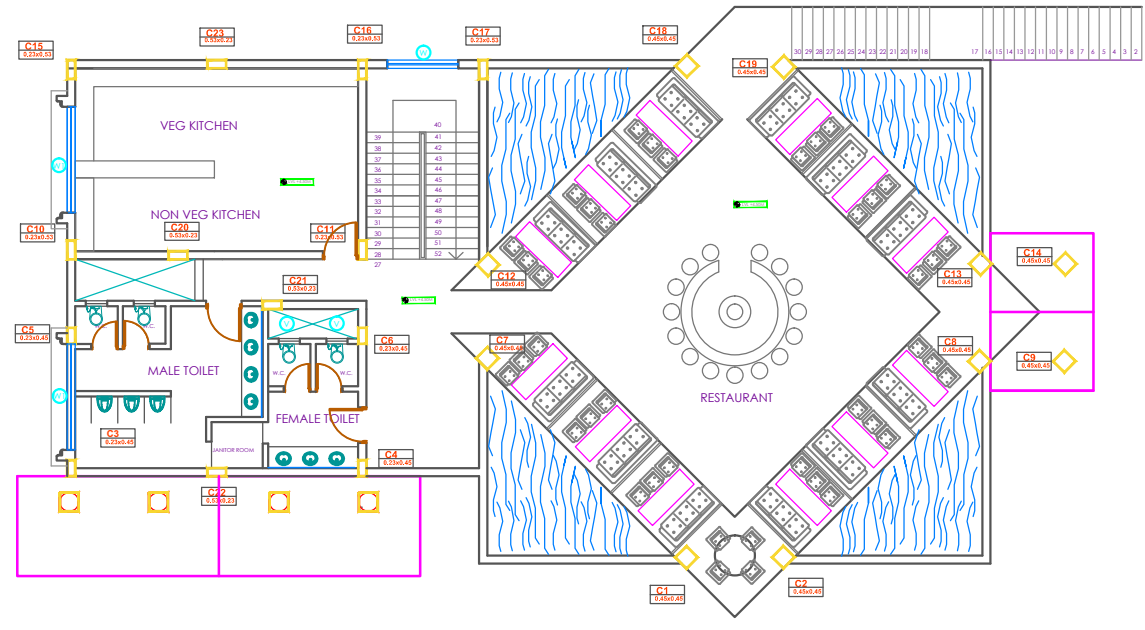
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PLAY GROUND NEAR RESTAURANT

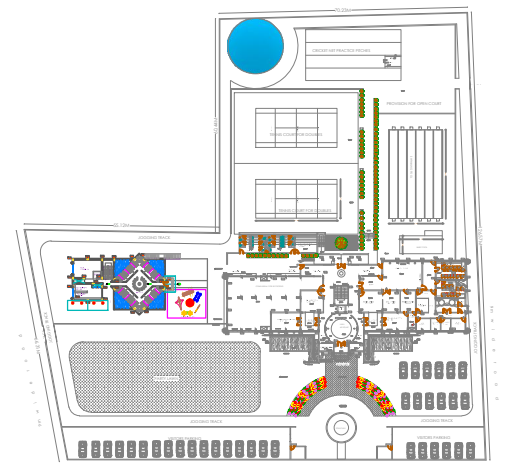
THIS IS A PRESENTATION DRAWING IT MAY BE MODIFIED DURING EXECUTION



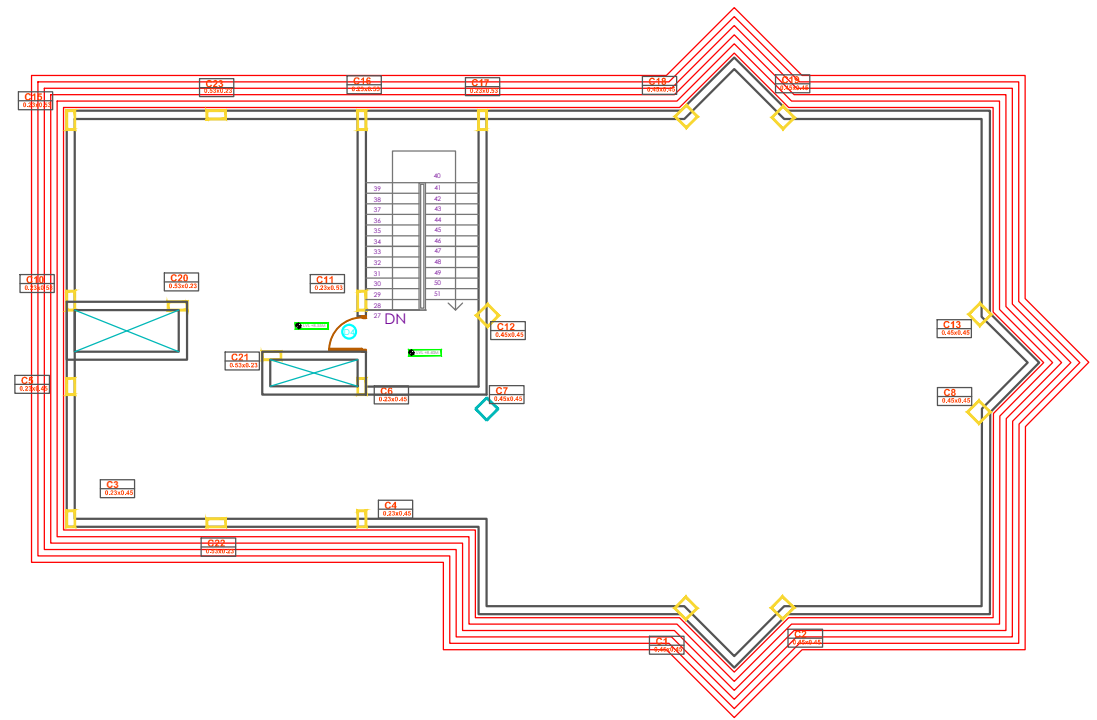
GROUND FLOOR PLAN
SCALE-1:150



FIRST FLOOR PLAN
SCALE-1:150



SITE PLAN
SCALE-1:1500



TERRACE FLOOR PLAN
SCALE-1:150

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TITLE OF THE PROJECT
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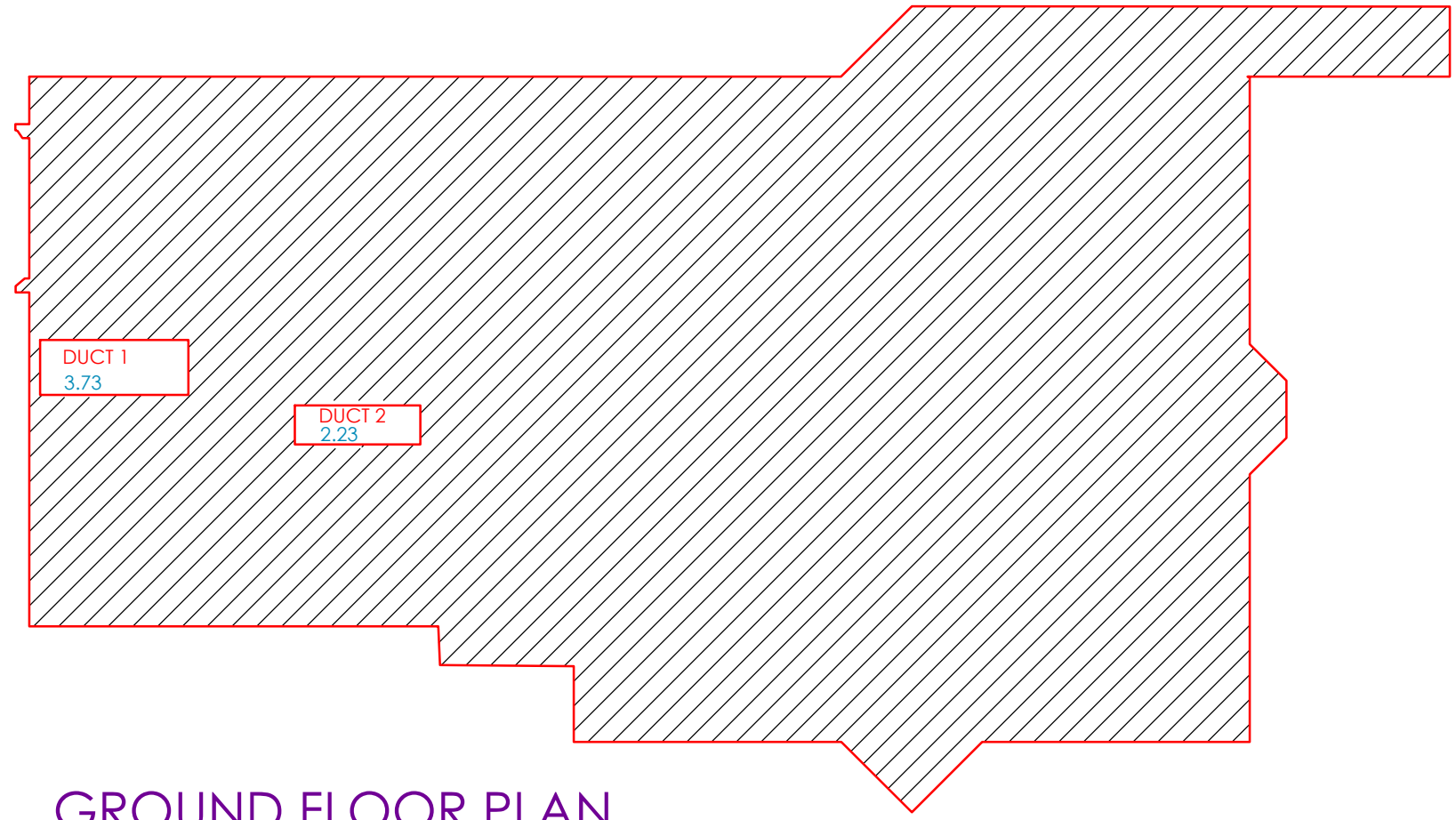
DRAWN _____ **CHECKED :** KK

SCALE _____ **DATE:** _____



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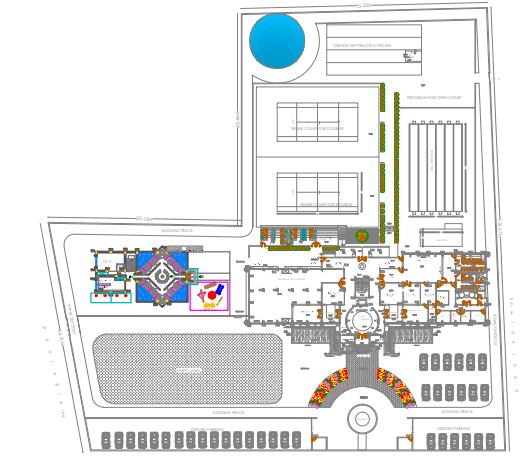
ARCHITECTS:
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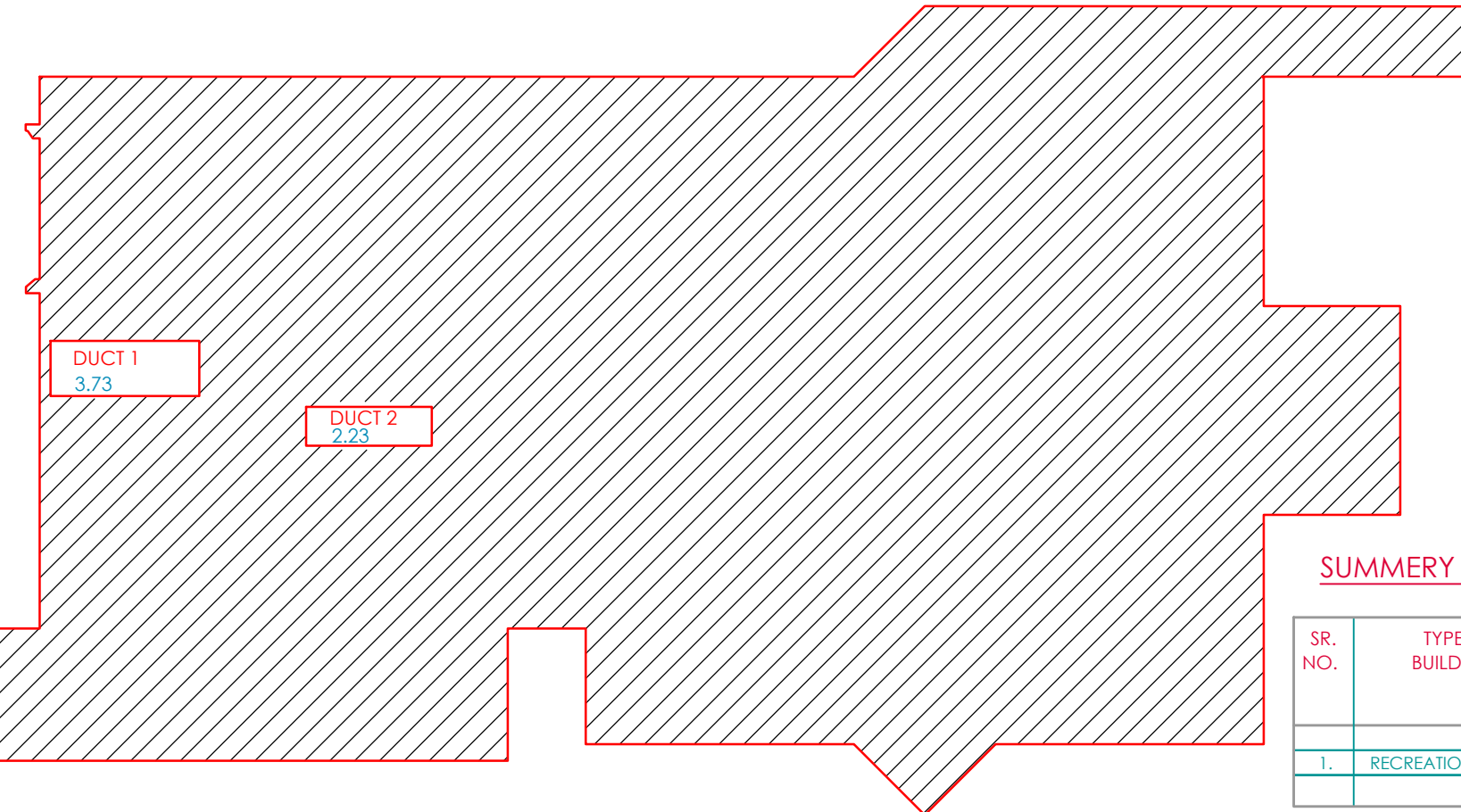
GROUND FLOOR PLAN
SCALE-1:100

BUILT UP AREA GROUND FLOOR PLAN

BUILT UP AREA STATEMENT		
BUILT UP AREA GROUND FLOOR	367.53	SQ.MT.
DEDUCTIONS		
DUCT 1	3.73	SQ.MT.
DUCT 2	2.23	SQ.MT.
TOTAL DEDUCTIONS	5.96	SQ.MT.
BUILT-UP AREA STATEMENT CORRESPONDING CARPET AREA INCLUDING STAIRCASE,LIFTS		
TOTAL BUILT-UP AREA	361.57	SQ.MT.



SITE PLAN
SCALE-1:1500



FIRST FLOOR PLAN
SCALE-1:100

BUILT UP AREA FIRST FLOOR PLAN

BUILT UP AREA STATEMENT		
BUILT UP AREA FIRST FLOOR	408.57	SQ.MT.
DEDUCTIONS		
DUCT 1	3.73	SQ.MT.
DUCT 2	2.23	SQ.MT.
TOTAL DEDUCTIONS	5.96	SQ.MT.
BUILT-UP AREA STATEMENT CORRESPONDING CARPET AREA INCLUDING STAIRCASE,LIFTS		
TOTAL BUILT-UP AREA	402.61	SQ.MT.

SUMMARY :

SR. NO.	TYPE OF BUILDING	NOS OF BLDG NOS	NOS OF FLR. NOS	B.U.A./ INCLU. BALC. STAIR, LIFT	STAIRCASE HEAD ROOM	TOTAL B.U.A.	UNITS
1.	RECREATIONAL	1	GR+ 1	764.18 <small>361.57 + 402.61 GR FLR + FIRST FLR</small>	28.41	792.59	SQ.MT.

OFFICERS CLUB
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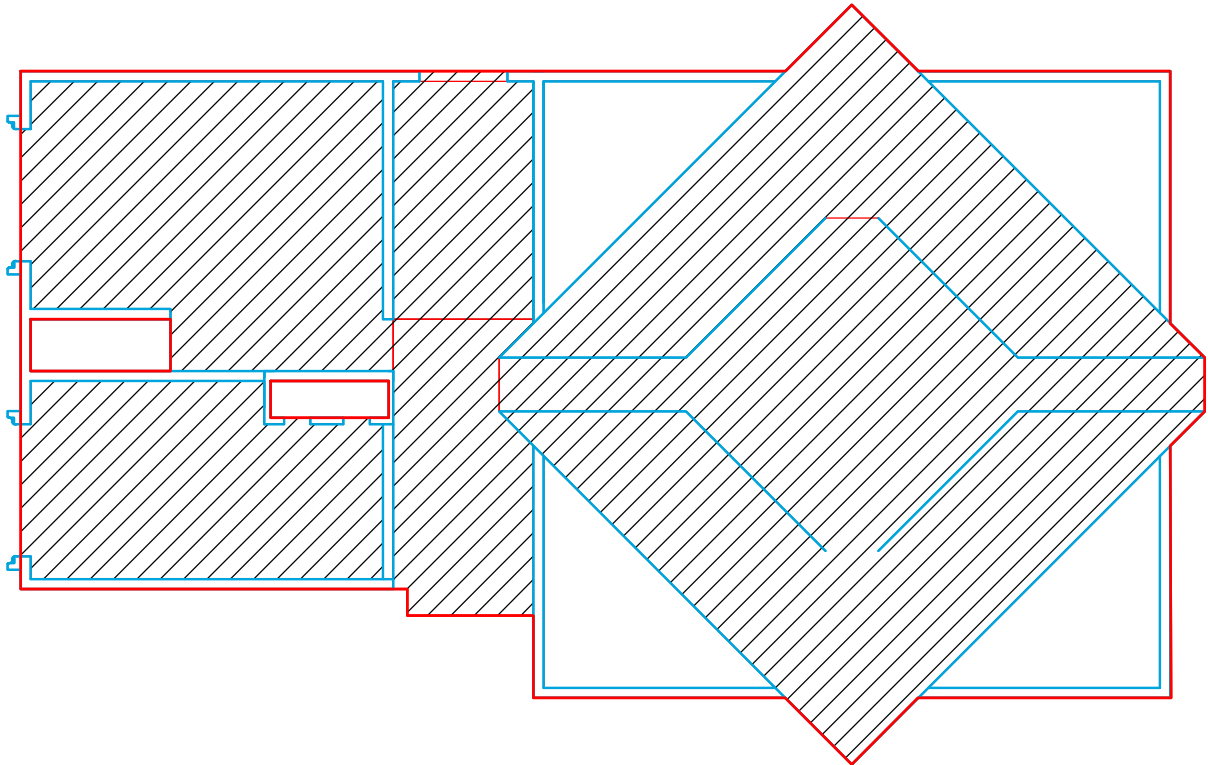
TITLE OF THE PROJECT
PROPOSED OFFICERS CLUB, LATUR

DRAWN: _____ CHECKED : KK

SCALE: _____ DATE: _____

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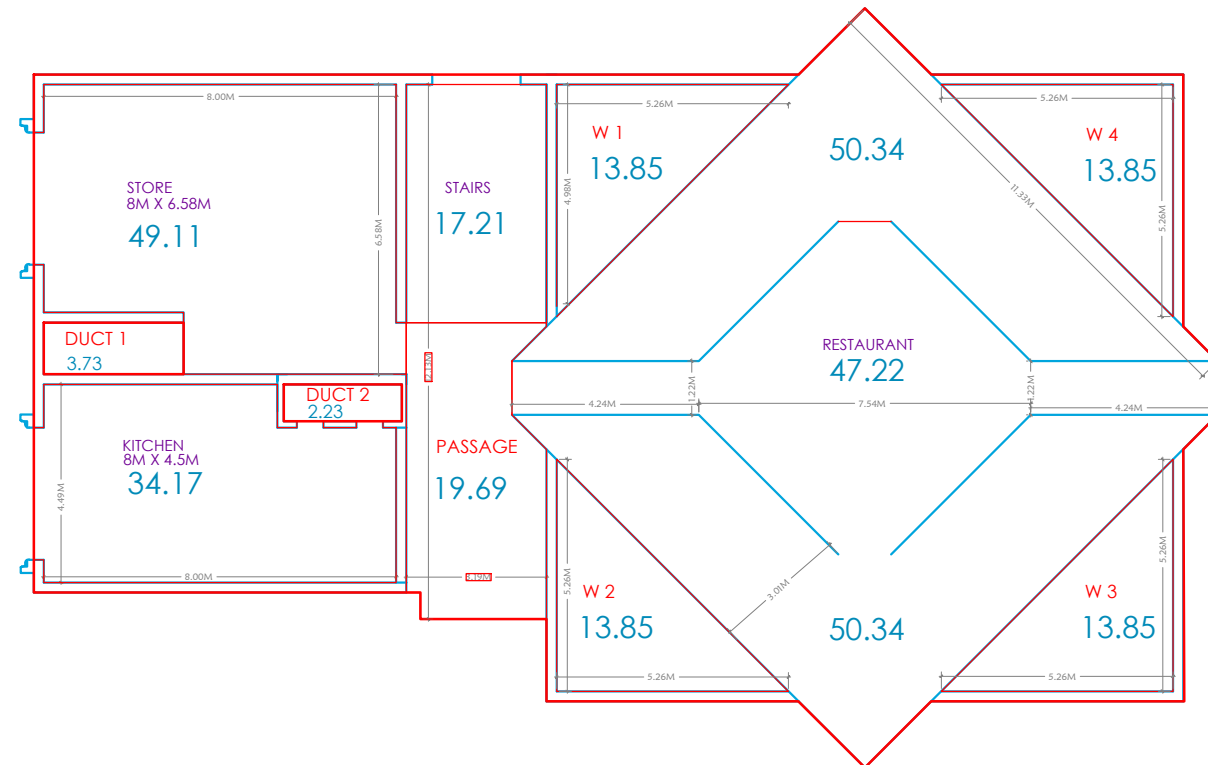
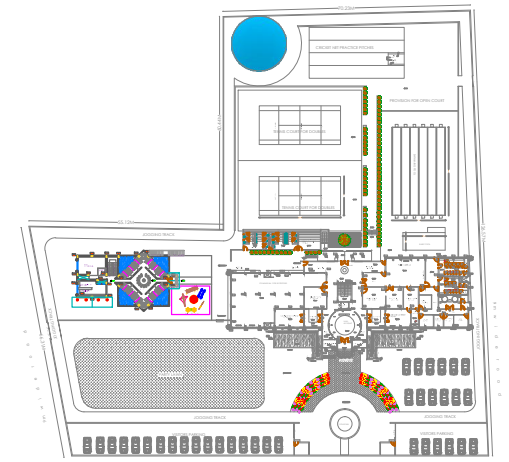
CARPET AREA CALCULATION GROUND FLOOR PLAN

CARPET AREA CALC. TYPICAL ROOM			
ROOM	SIZE	CARPET AREA	UNIT
STORE	8X6.58 M	18.30	SQ.MT
KITCHEN	8X4.5 M	23.84	SQ.MT
PASSAGE		19.69	SQ.MT
RESTAURANT		147.9	SQ.MT

TOTAL CARPET AREA FOR ROOMS 209.73 SQMT

DEDUCTIONS

CARPET AREA STATEMENT	AREA	UNIT
SERVICES AREAS:		
STAIRCASE	17.21	SQ.MT.
DUCT 1	3.73	SQ.MT.
DUCT 2	2.23	SQ.MT.
W 1	13.85	SQ.MT.
W 2	13.85	SQ.MT.
W 3	13.85	SQ.MT.
W 4	13.85	SQ.MT.



TOTAL CARPET AREA	AREA	UNIT
SUM OF ROOM AREAS	209.73M	SQMT
TOTAL CARPET AREA FOR GROUND FLOOR	<u>209.73M</u>	SQMT

TOTAL CARPET AREA	AREA	UNIT
SUM OF ROOM AREAS	209.73M	SQMT
TOTAL CARPET AREA FOR GROUND FLOOR	<u>209.73M</u>	SQMT

OFFICERS CLUB
(PRESIDENT; HON. COLLECTOR, LATUR DISTRICT)

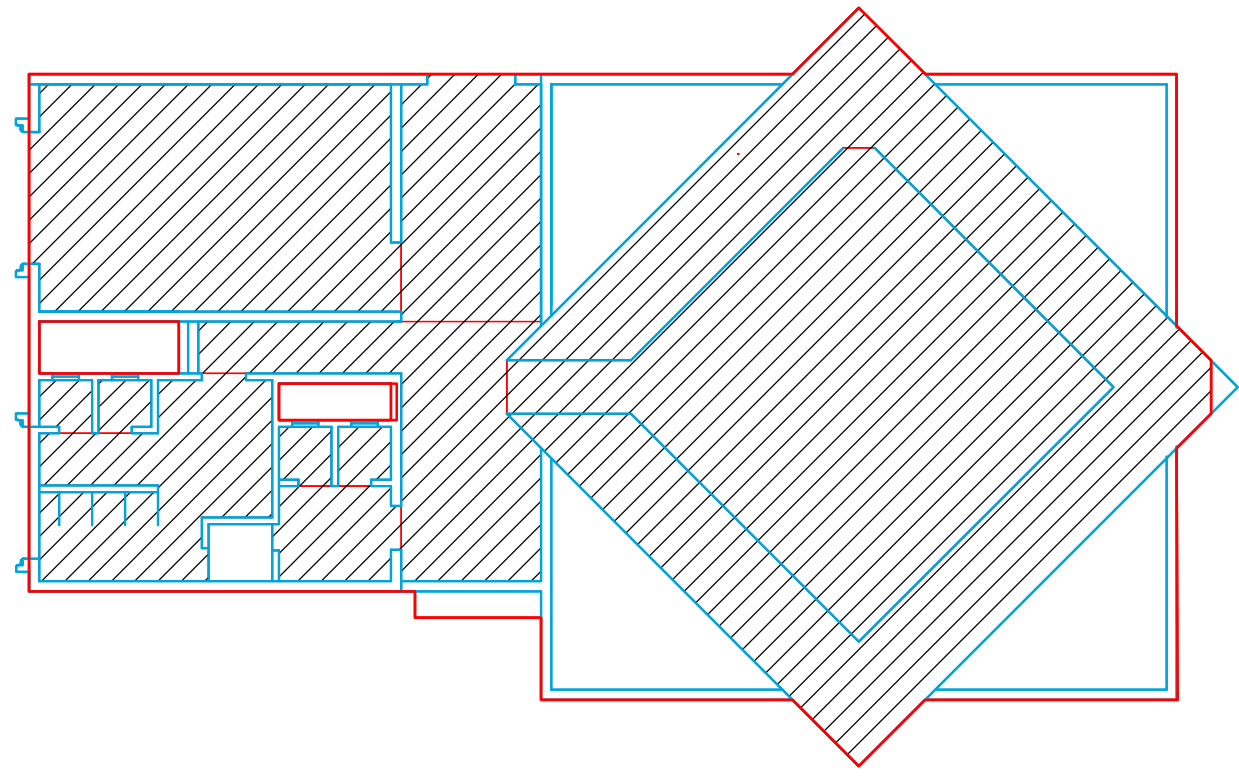
TITLE OF THE PROJECT: PROPOSED OFFICERS CLUB, LATUR

DRAWN: _____ CHECKED: KK

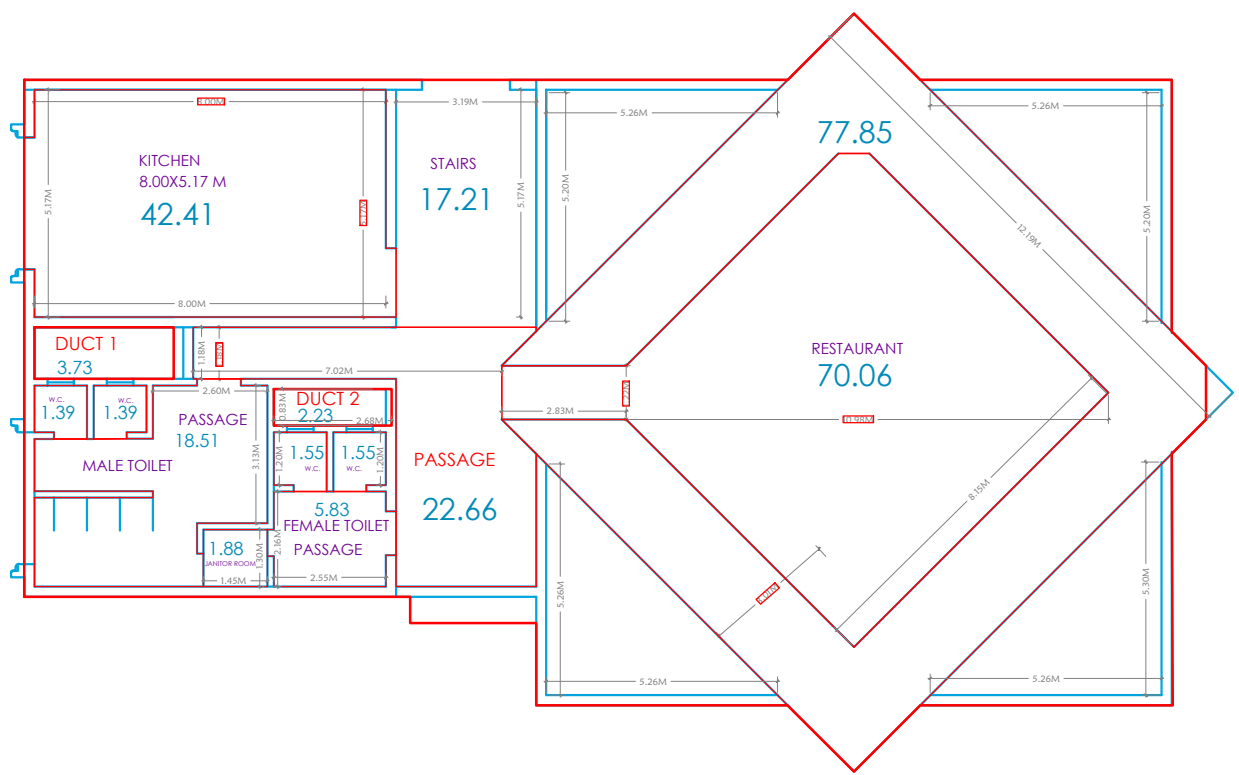
SCALE: _____ DATE: _____

Space Magic consultants
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RESTAURANT FIRST FLOOR PLAN
SCALE: 1:100



RESTAURANT FIRST FLOOR PLAN

CARPET AREA CALCULATION FIRST FLOOR PLAN

CARPET AREA CALC. TYPICAL ROOM			
ROOM	SIZE	CARPET AREA	UNIT
KITCHEN	8X5.1 M	42.41	SQ.MT
PASSAGE		22.66	SQ.MT
RESTAURANT		147.9	SQ.MT

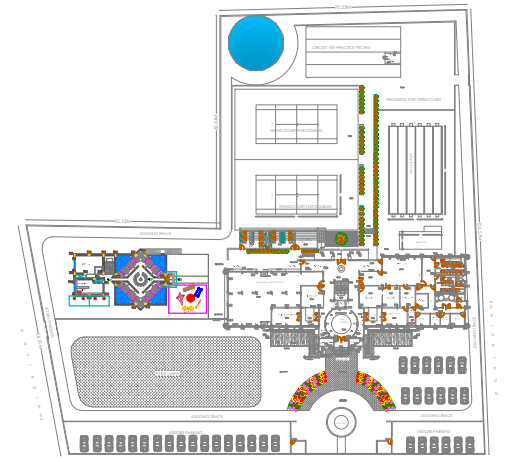
TOTAL CARPET AREA FOR ROOMS 212.97 SQMT

DEDUCTIONS

CARPET AREA STATEMENT	AREA	UNIT
SERVICES AREAS:		
STAIRCASE	17.21	SQ.MT.
DUCT 1	3.73	SQ.MT.
DUCT 2	2.23	SQ.MT.
W 1	13.85	SQ.MT.
W 2	13.85	SQ.MT.
W 3	13.85	SQ.MT.
W 4	13.85	SQ.MT.

NAME OF AREA	NO.	SIZES	AREA	UNIT
TOILET 1				
MALE TOILET				
PASSAGE			18.51	SQ.MT.
W.C	2	1.20X1.00	2X1.39=2.78	SQ.MT.
JANITOR ROOM		1.45X1.30	1.88	SQ.MT.
FEMALE TOILET				
PASSAGE			5.83	SQ.MT.
W.C	2	1.20 X 1.35	2X1.55=3.10	SQ.MT.
TOTAL			32.1	SQMT

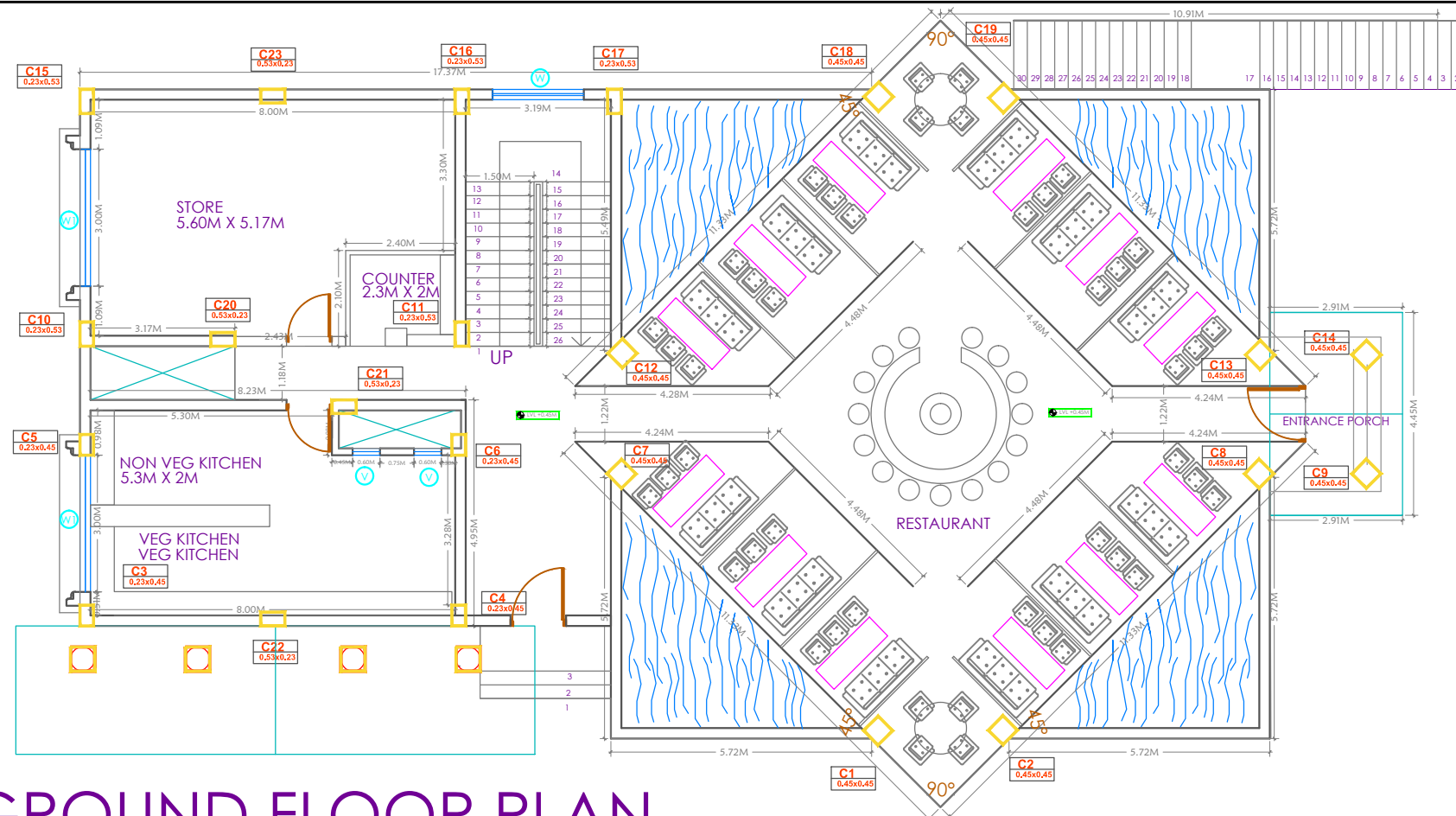
TOTAL CARPET AREA	AREA	UNIT
SUM OF ROOM AREAS	212.97	SQMT
SUM OF TOILET AREAS	32.1	
TOTAL CARPET AREA FOR GROUND FLOOR	245.07	SQMT



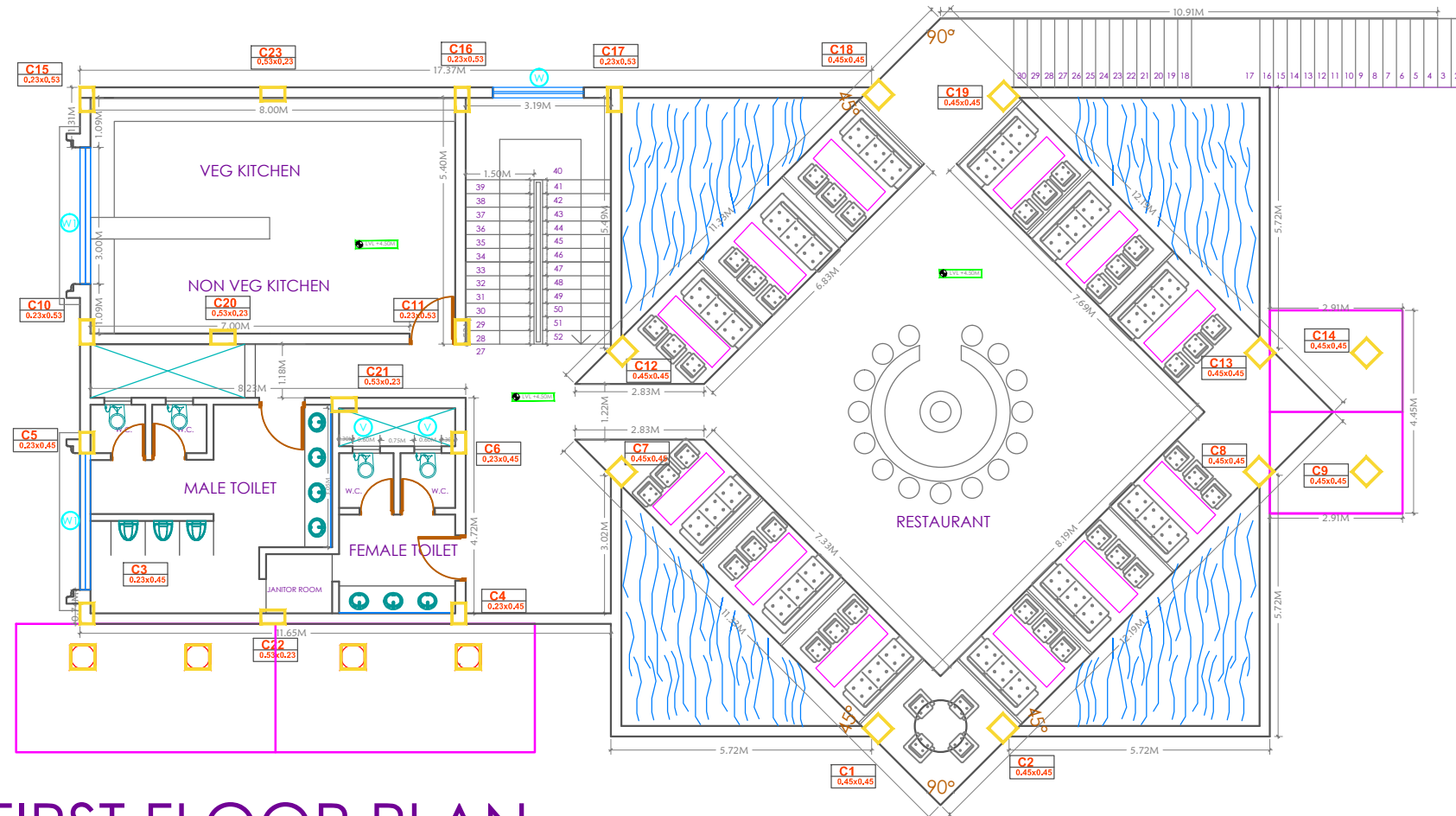
SITE PLAN
SCALE-1:1500

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TITLE OF THE PROJECT	PROPOSED OFFICERS CLUB, LATUR
DRAWN	CHECKED : KK
SCALE	DATE:
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GROUND FLOOR PLAN
SCALE-1:100



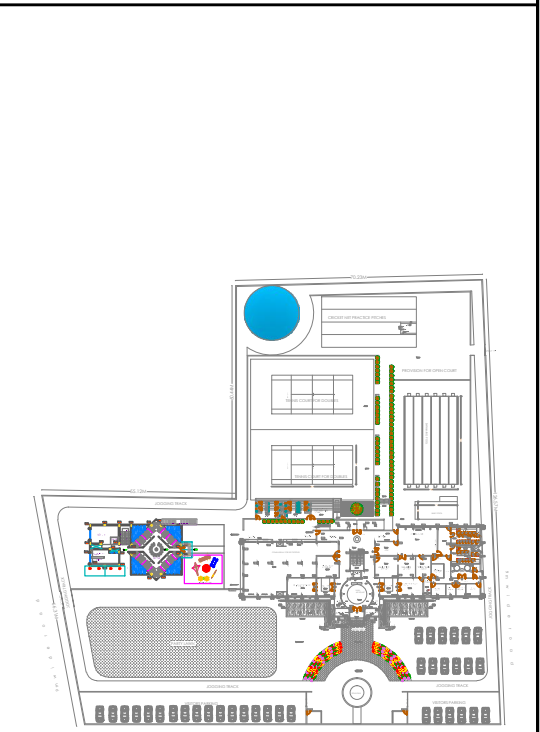
FIRST FLOOR PLAN
SCALE-1:100

SHEET NO: BUILDING TYPE-
RESTAURANT

GROUND FLOOR & FIRST FLOOR PLAN

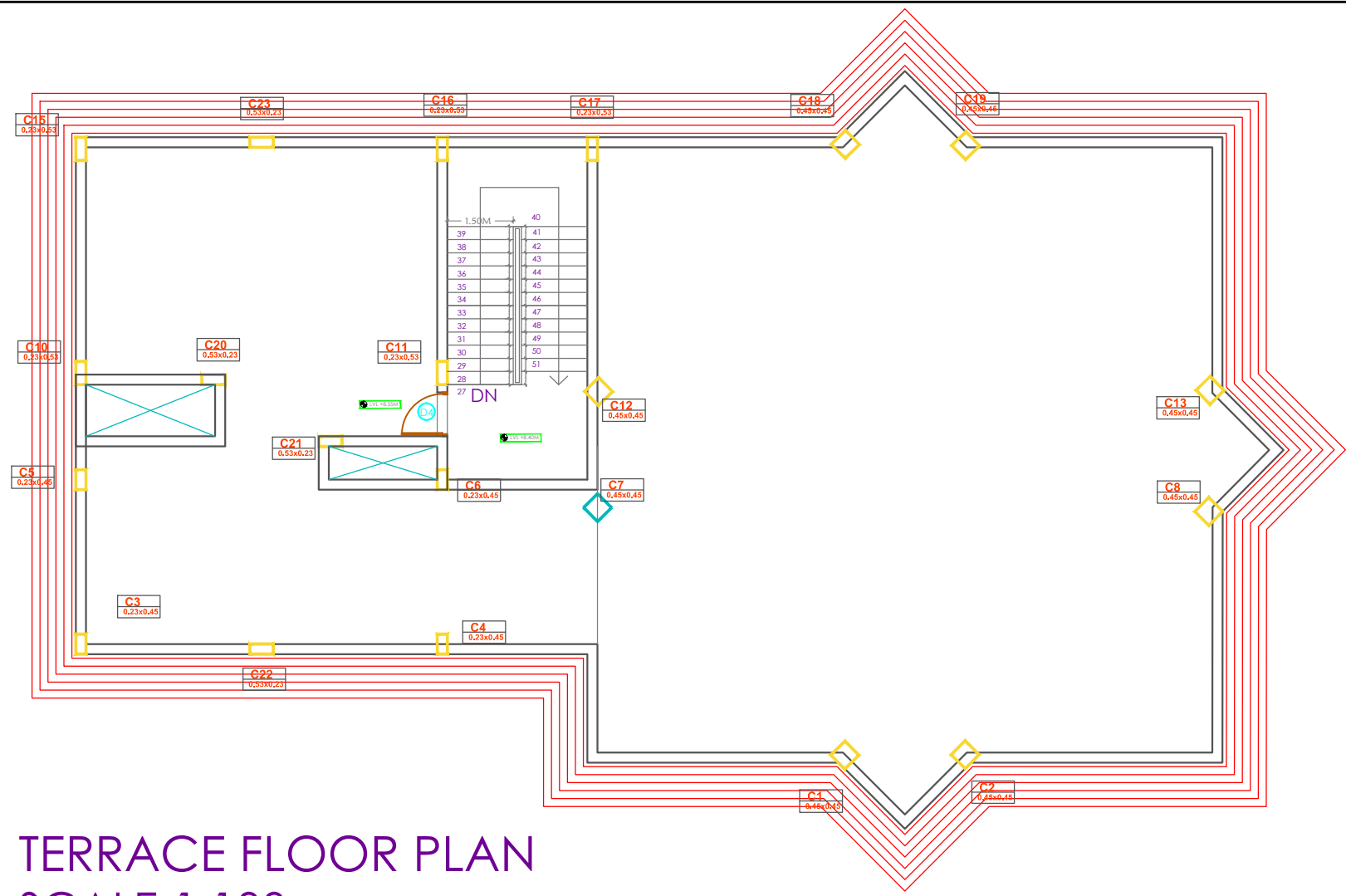
TITLE: WORKING DRAWING

SPECIFICATIONS:

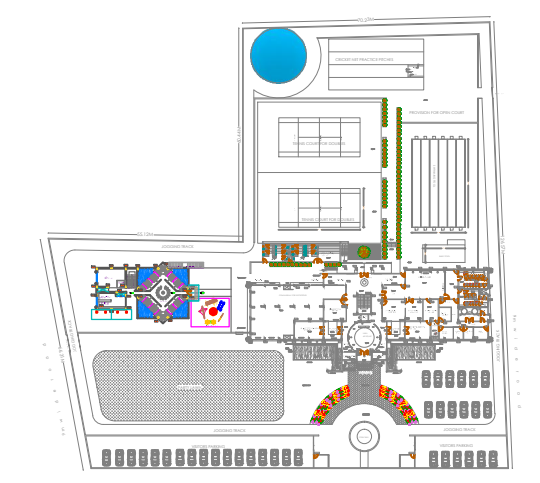


SITE PLAN
SCALE-1:1500

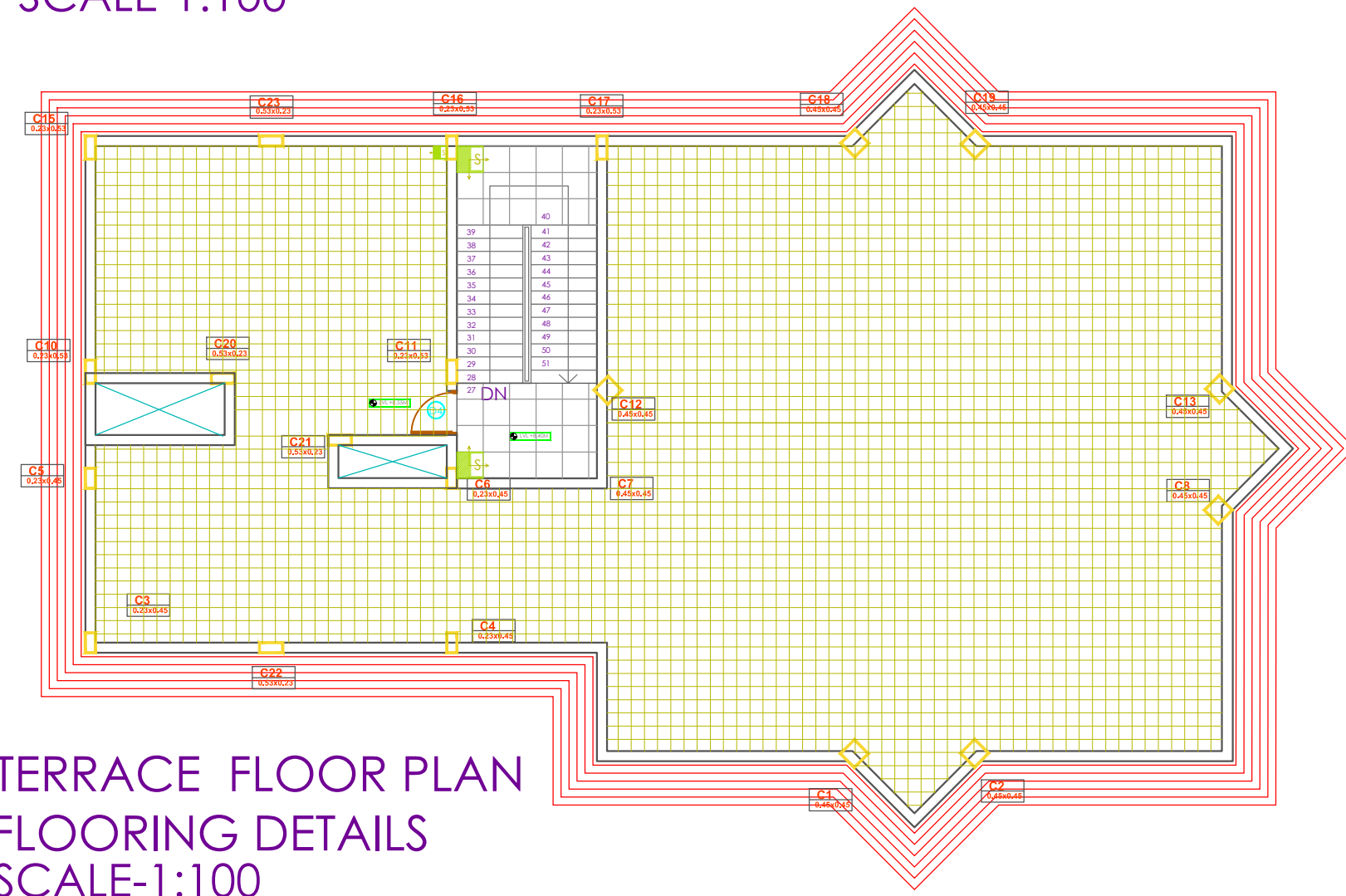
	OFFICERS CLUB (PRESIDENT; HON. COLLECTOR, LATUR DISTRICT)	
TITLE OF THE PROJECT	PROPOSED OFFICERS CLUB, LATUR	
DRAWN		CHECKED : KK
SCALE		DATE:
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TERRACE FLOOR PLAN
SCALE-1:100



SITE PLAN
SCALE-1:1500



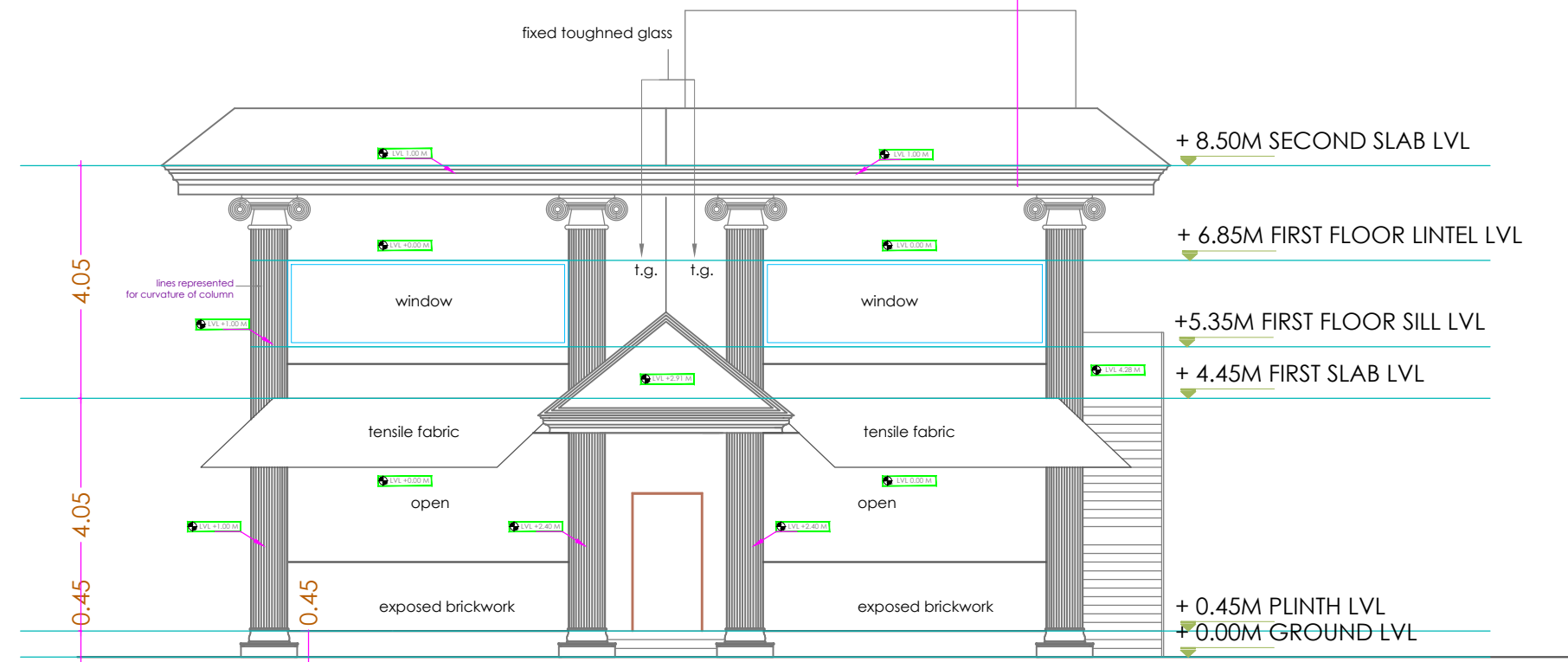
TERRACE FLOOR PLAN
FLOORING DETAILS
SCALE-1:100

LOBBY, TREAD, RISER, SKIRTING (100MM HIGH)
 IN kotah stone 600 X 600 X 25-30MM
 THIK EDGE POLISHING TO BE
 DONE FOR ALL TREAD NOSING

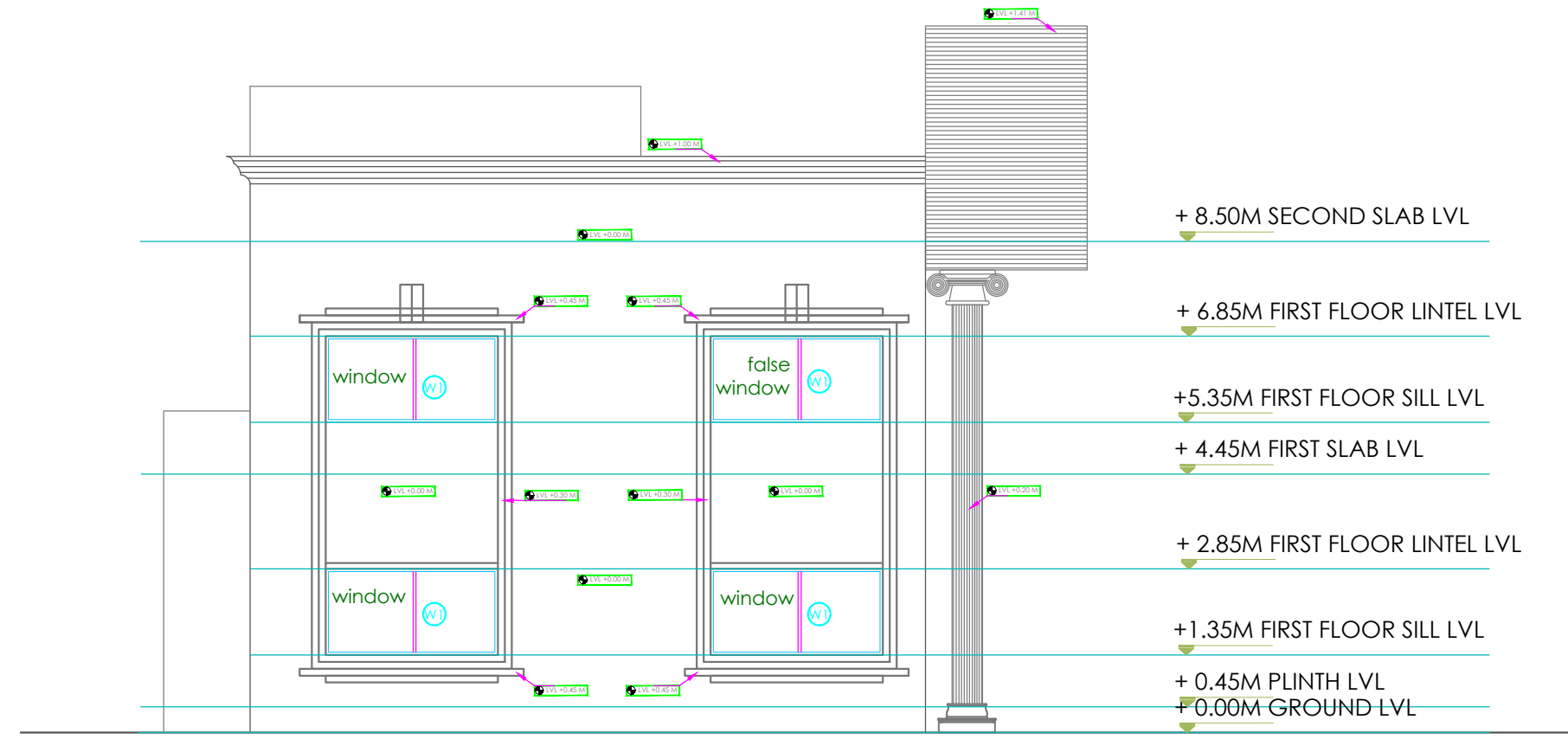
 HEAT RESISTANCE TILE WITH 4MM GROOVE
 TO BE FILLED WITH WATERPROOF
 G GROUTING CHEMICAL SIZE300 X 300 X 10MM
 MAKE JOHNSON/NITCO

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TITLE OF THE PROJECT	PROPOSED OFFICERS CLUB, LATUR	
DRAWN		CHECKED : KK
SCALE		DATE:
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THIS IS A PRESENTATION DRAWING IT MAY BE MODIFIED DURING EXECUTION		

terrace slab projection 1.2 m outside and sloping look to generate on terrace parapet wall note rest slab is flat
Note rest slab is flat

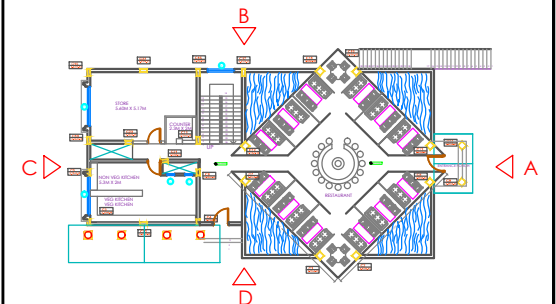


FRONT ELEVATION AT A
SCALE-1:80



ELEVATION AT C
SCALE-1:80

SHEET NO:	BUILDING TYPE- RESTAURANT
ELEVATION-1	
TITLE: WORKING DRAWING	
SPECIFICATIONS:	



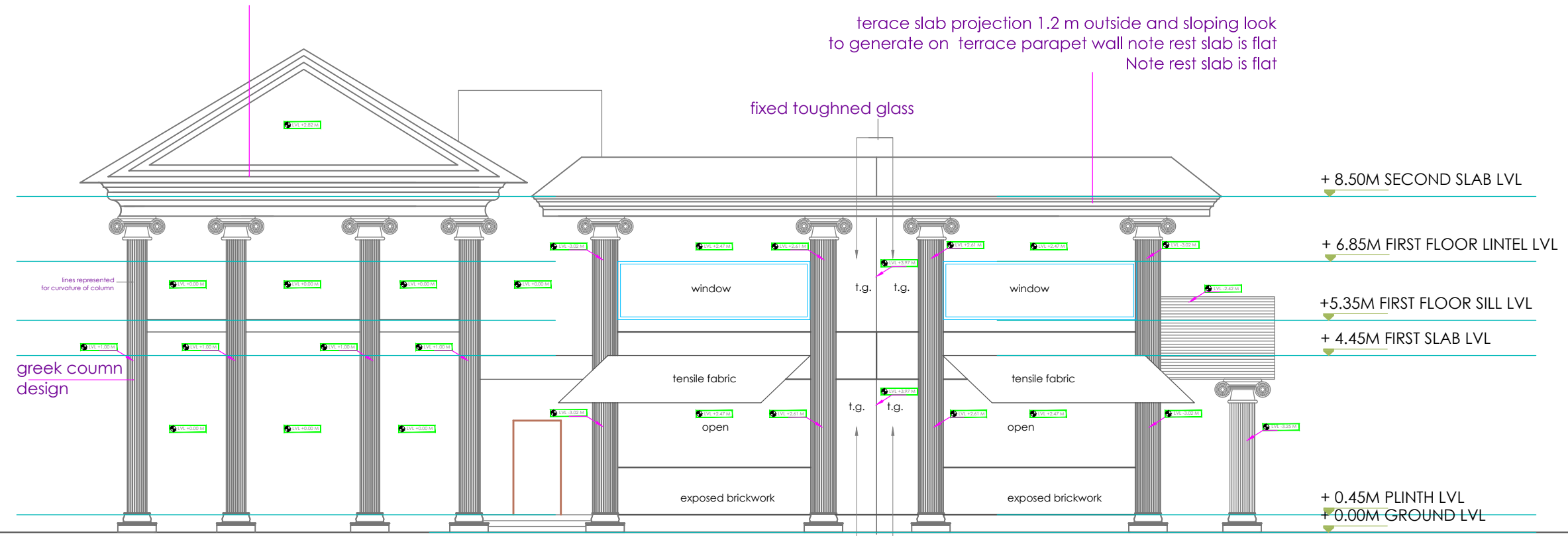
KEY PLAN
SCALE-1:400

	OFFICERS CLUB (PRESIDENT; HON. COLLECTOR,LATUR DISTRICT)
TITLE OF THE PROJECT	PROPOSED OFFICERS CLUB, LATUR
DRAWN	CHECKED : KK
SCALE	DATE:
	 Space Magic consultants Bedre Arcade,ground floor,Behind Sushma Hotel,Shivaji Chowk, Latur-413512,Maharashtra. Tel:+91 2382 246105 Email: kk@spacemagic.in/ishwww.spacemagic.in

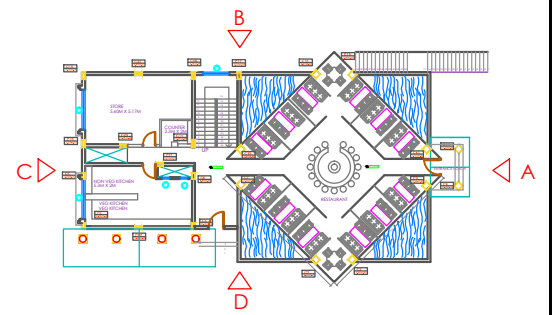
ARCHITECTS:
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terrace slab projection 1.2 m outside and sloping look to generate on terrace parapet wallpeintment stucture as shown in phot to be generated .look for ready made 3d max elements in the context.coronhian architecture or greek architecture

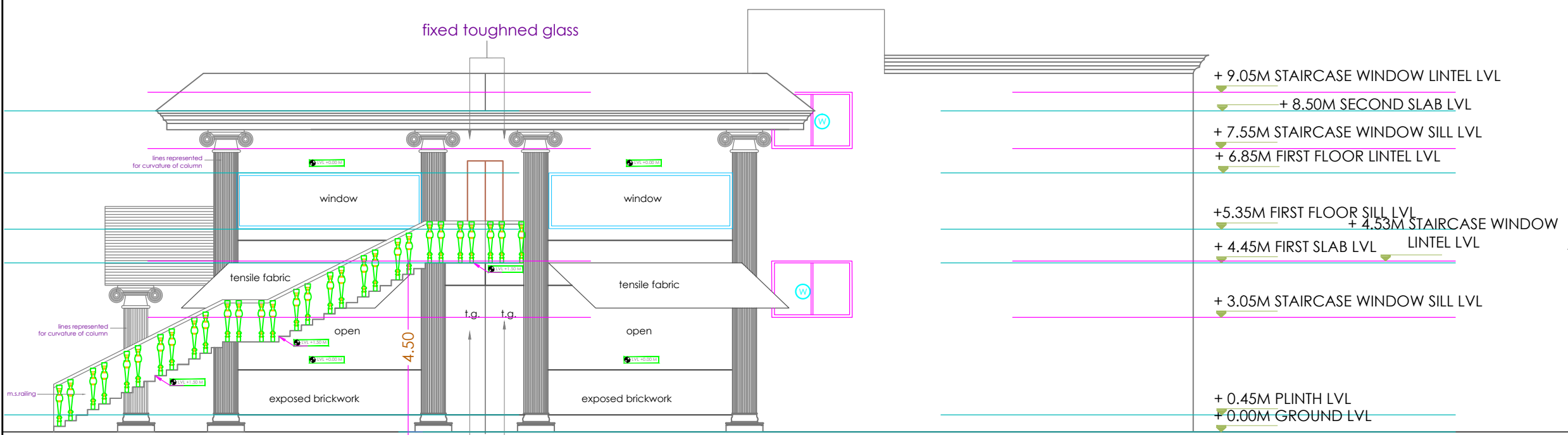
terrace slab projection 1.2 m outside and sloping look to generate on terrace parapet wall note rest slab is flat
Note rest slab is flat



ELEVATION AT D
SCALE-1:90



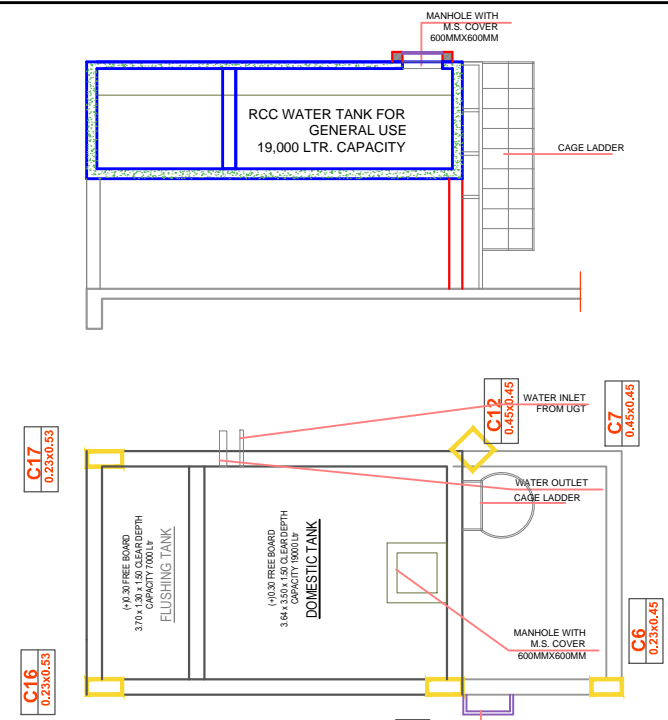
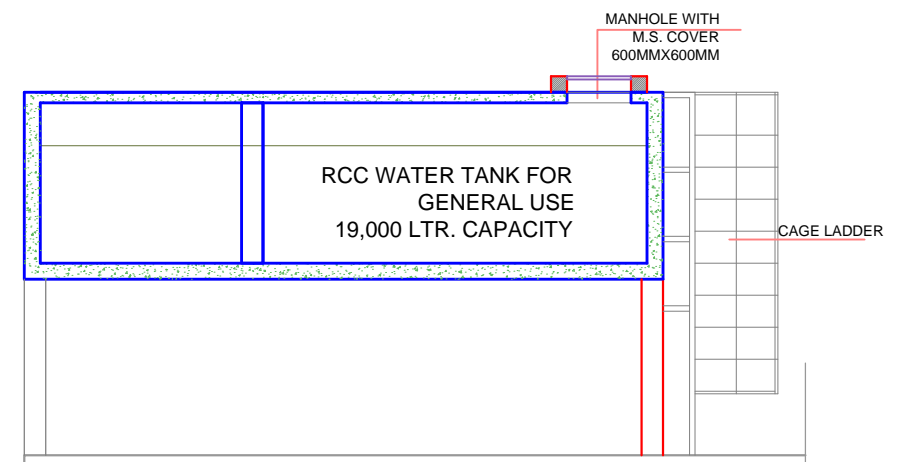
KEY PLAN
SCALE-1:400



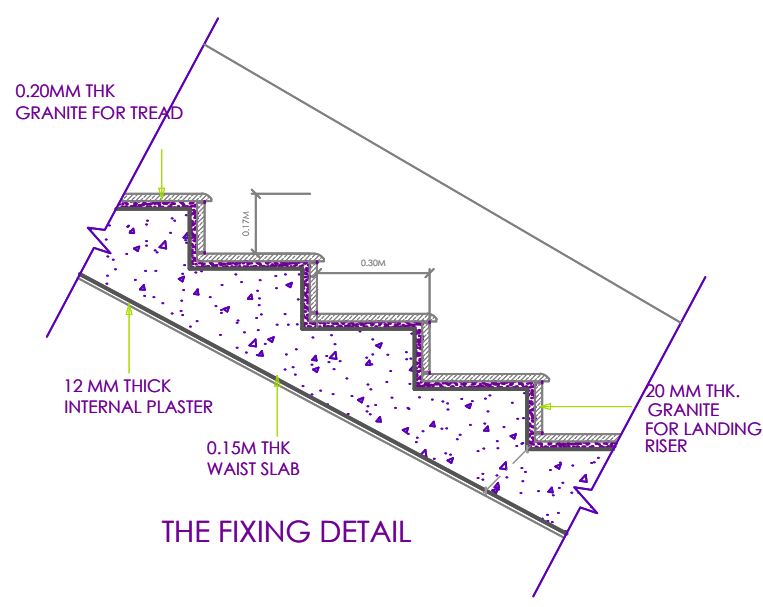
ELEVATION AT B
SCALE-1:90

	OFFICERS CLUB (PRESIDENT; HON. COLLECTOR, LATUR DISTRICT)	
TITLE OF THE PROJECT	PROPOSED OFFICERS CLUB, LATUR	
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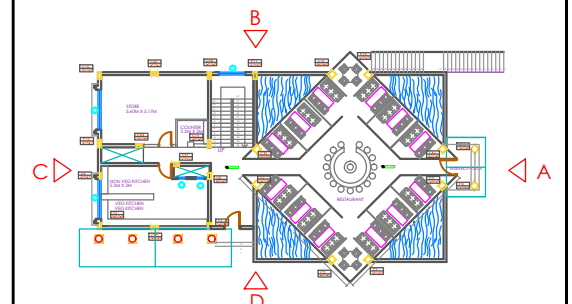
ARCHITECTS:
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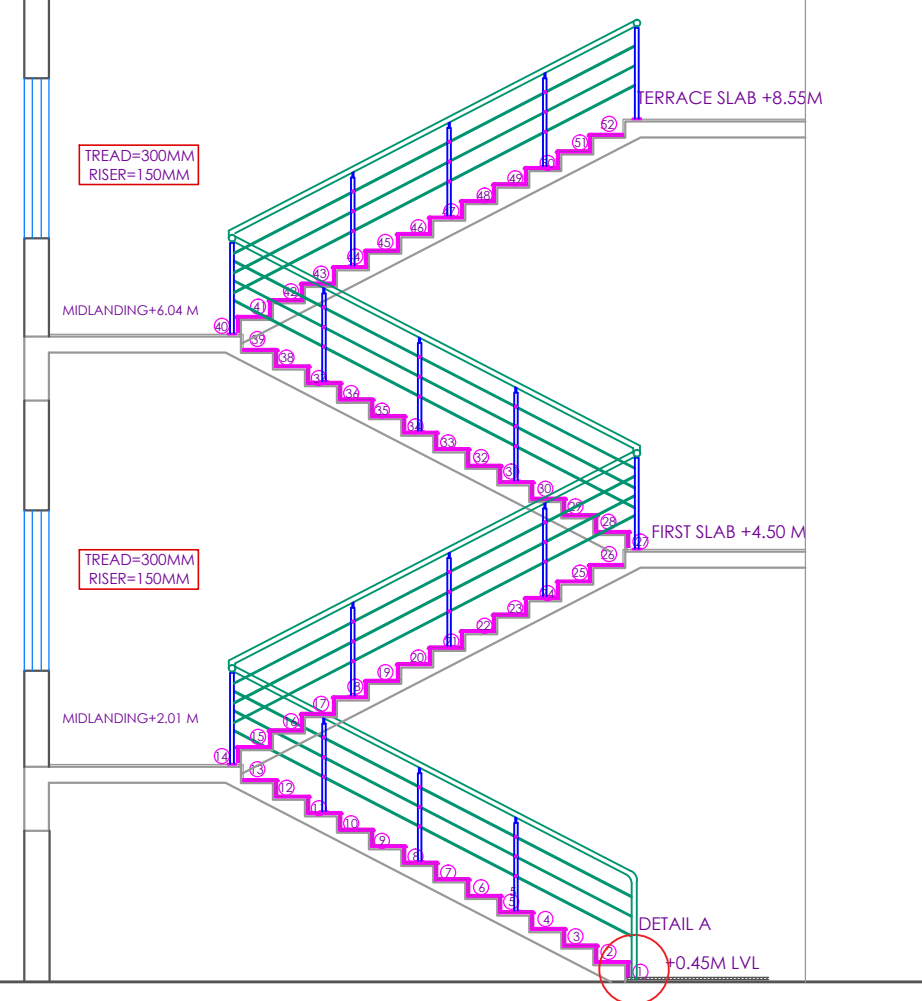
PLAN AT O.H.T. LVL



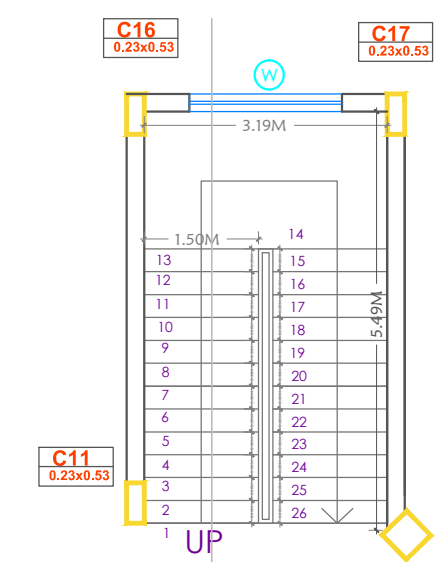
THE FIXING DETAIL



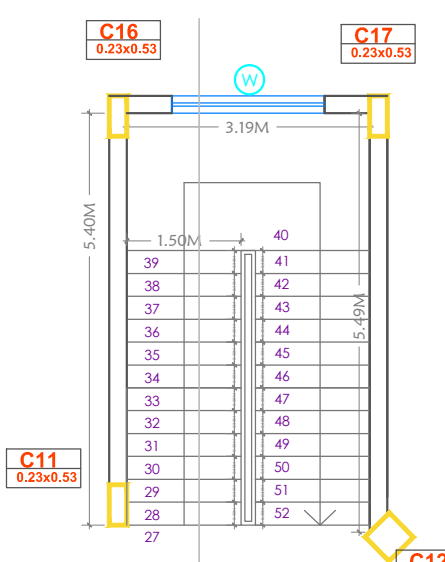
KEY PLAN
SCALE-1:400



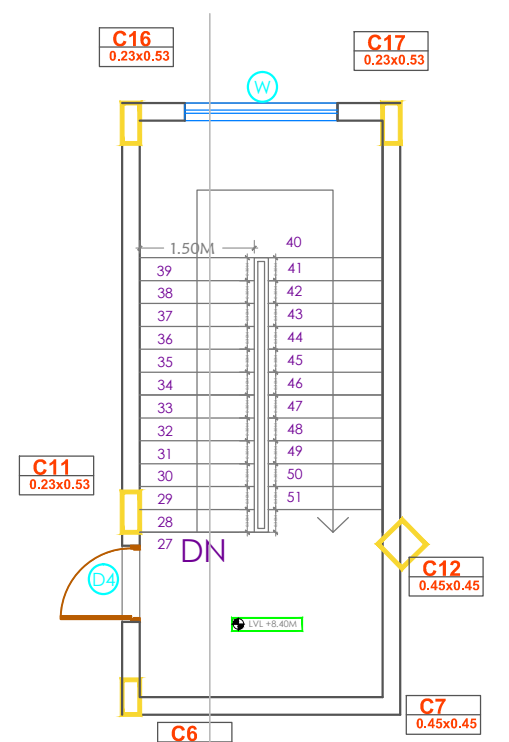
SECTION



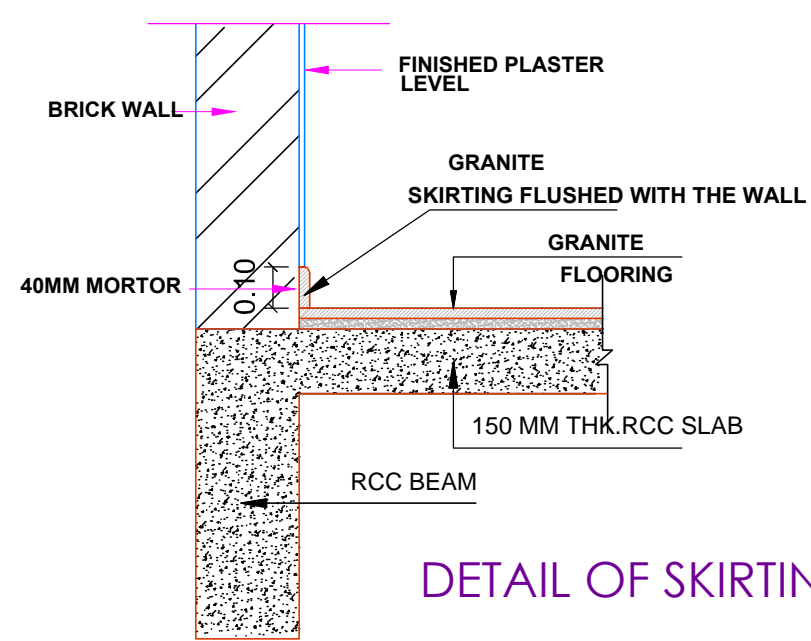
GROUND FLOOR PLAN



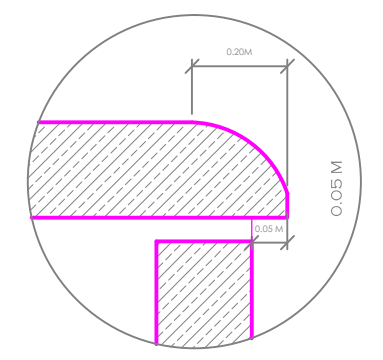
FIRST FLOOR PLAN



TERRACE PLAN



DETAIL OF SKIRTING



NOISING DETAIL

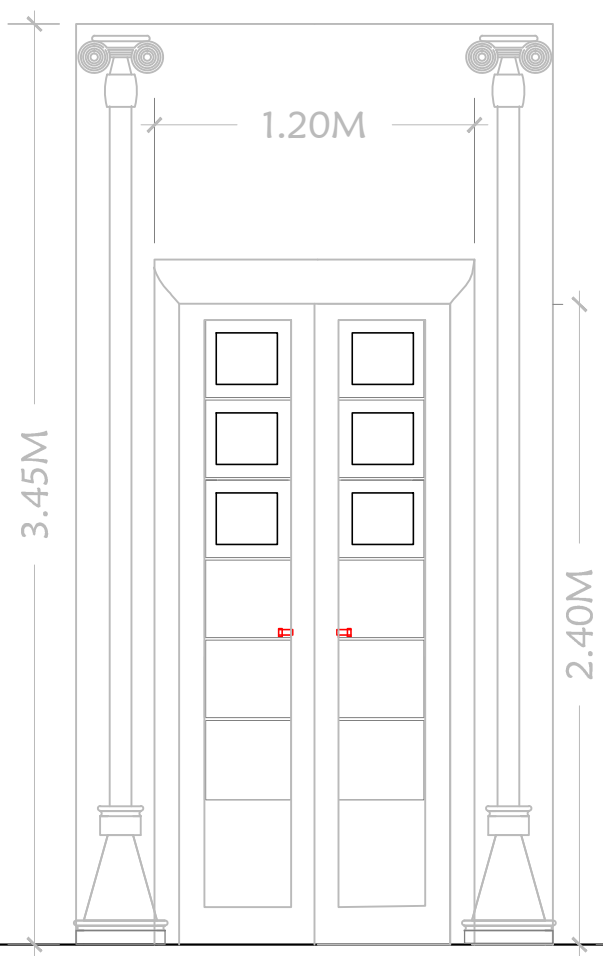
OFFICERS CLUB
(PRESIDENT; HON. COLLECTOR, LATUR DISTRICT)

TITLE OF THE PROJECT: PROPOSED OFFICERS CLUB, LATUR

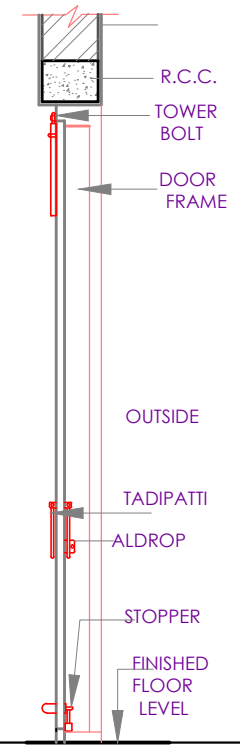
DRAWN: _____ CHECKED: KK
SCALE: _____ DATE: _____

SpaceMagto consultants
Bedre Arcade, ground floor, Behind Sushma Hotel, Shivaji Chowk, Latur-413512, Maharashtra, India.
Tel: +91 2382 246105 Email: kk@spacemagic.in Visit: www.spacemagic.in

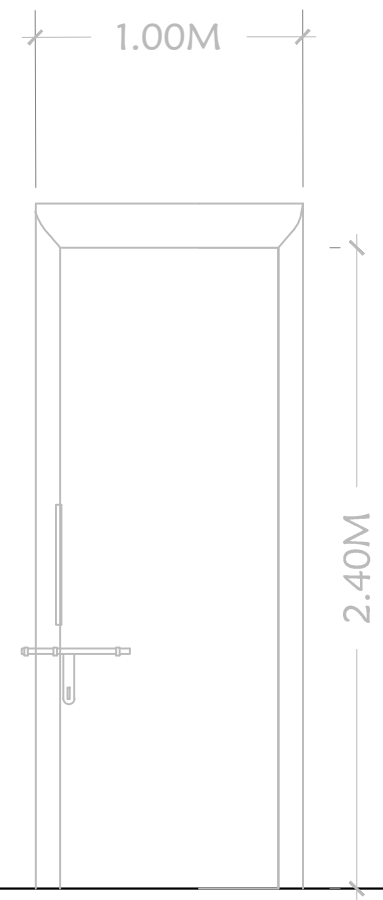
ARCHITECTS:
KRISHNAKUMAR BANGAD
FIA, COA, FIV, IIID
CA/2004/32977



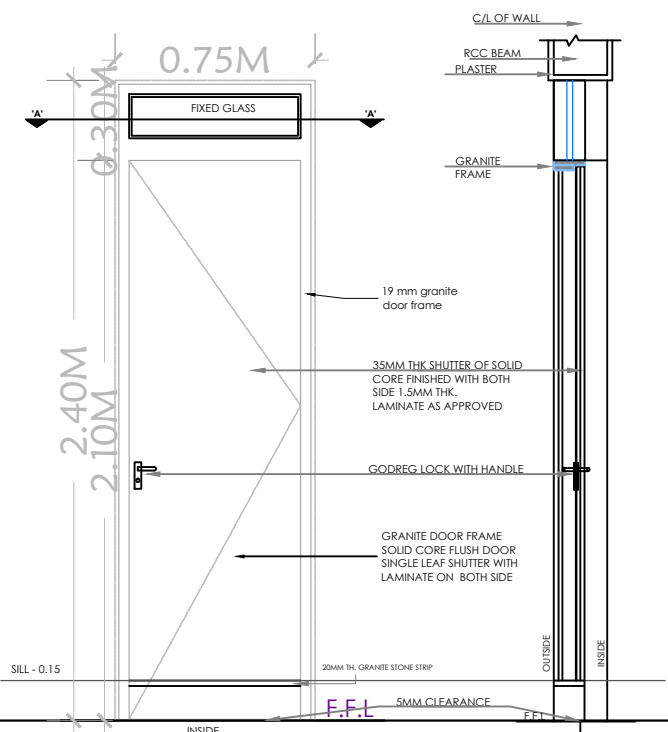
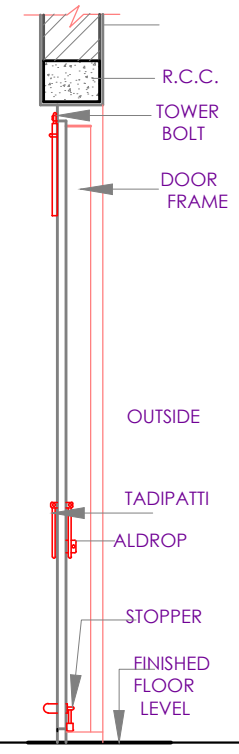
ELEVATION OF MD



SECTION - Y Y

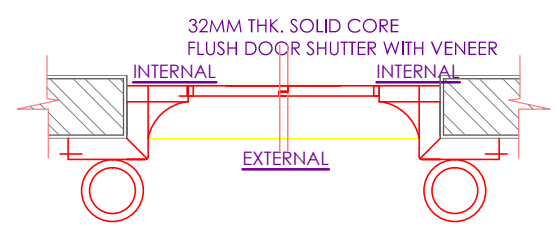


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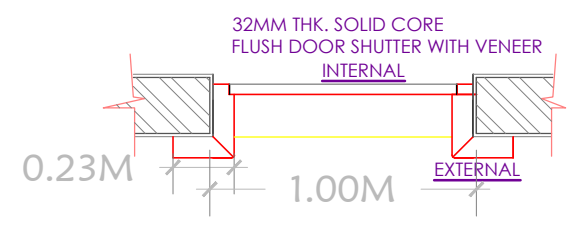


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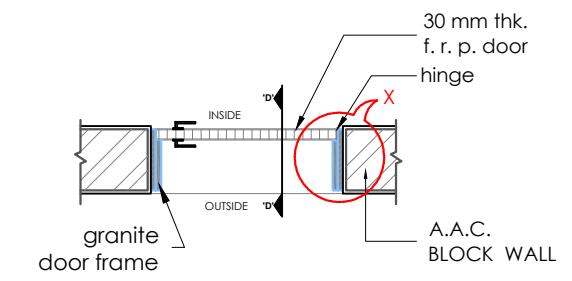
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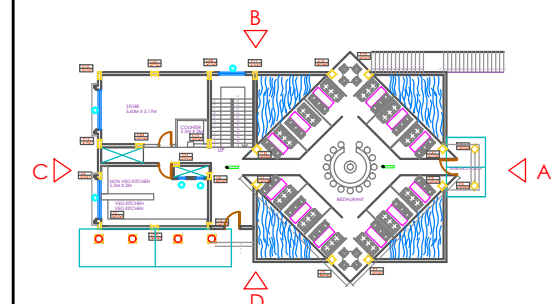
SECTION AT AA' (DOOR MD)



SECTION AT AA'



SINGLE SHUTTER FIBRE DOOR WITH GRANITE DOOR FRAME - D2(0.75 X 2.60M)



KEY PLAN SCALE:1-400

LOCATION - MD (1.20M X 2.40M) MAIN DOOR

LOCATION - D1(1.00 X 2.40 M) ALL DOOR

LOCATION-D2(1.00 X 2.40 M) ALL TOILET DOOR D3(0.75 X 2.40 M) ALL TOILET DOOR

S.NO	NAME	SIZE	LINTEL LVL	SPECIFICATION	HINGE	TOWER BOLT	TADIPATTI	HANDLE	ALDROP
1	MD	1.20MX2.40M	2.40	TEAK WOOD DOOR FRAME IN PANELLING TYPE OF THK 0.04 M AS SHOWN IN DRG AND INSTALLED AT SITE WITH THE USE OF ANCHOR FASTENER OF REQUIRED STRENGTH AS APPROVED .DOUBLE LEAF PANELLED DOOR SHUTTER WITH TEAK WOOD STYLES ,TOP RAIL AND INTERMEDIATE RAILS (IF REQUIRED)OF SIZE 100MMX40MM ,LOCK AND BOTTOM RAILOF SIZE 200MM X40MM WITH INSERT PANELS OF 19MM THK BOTH SIDES WATER PROOF PLYWOOD WITH VENEER OF APPROVED MAKE.WITH FIXTURES OF APPROVED MAKE	SIX HINGES OF 0.150 M HEAVY DUTY CHROME PLATED	0.30 M LONG HEAVY DUTY BRASS PLATED TWO TOWER BOLT INTERNALLY	0.30 M LONG HEAVY DUTY BRASS PLATED INTERNALLY	0.30 M LONG HEAVY DUTY BRASS PLATED EXTERNAL SIDE & INTERNAL SIDE BOTH	0.45 M LONG HEAVY DUTY BRASS PLATED EXTERNAL SIDE
1	D1	1.00MX2.40M	2.40	TEAK WOOD DOOR FRAME IN PANELLING TYPE OF THK 0.04 M AS SHOWN IN DRG AND INSTALLED AT SITE WITH THE USE OF ANCHOR FASTENER OF REQUIRED STRENGTH AS APPROVED .DOUBLE LEAF PANELLED DOOR SHUTTER WITH TEAK WOOD STYLES ,TOP RAIL AND INTERMEDIATE RAILS (IF REQUIRED)OF SIZE 100MMX40MM ,LOCK AND BOTTOM RAILOF SIZE 200MM X40MM WITH INSERT PANELS OF 19MM THK BOTH SIDES WATER PROOF PLYWOOD WITH VENEER OF APPROVED MAKE.WITH FIXTURES OF APPROVED MAKE	SIX HINGES OF 0.150 M HEAVY DUTY CHROME PLATED	0.30 M LONG HEAVY DUTY BRASS PLATED TWO TOWER BOLT INTERNALLY	0.30 M LONG HEAVY DUTY BRASS PLATED INTERNALLY	0.30 M LONG HEAVY DUTY BRASS PLATED EXTERNAL SIDE & INTERNAL SIDE BOTH	0.45 M LONG HEAVY DUTY BRASS PLATED EXTERNAL SIDE
2	D2	1.00MX2.40M	2.40	DOOR FRAME OF BLACK GRANITE WITH FULL BULLNOSING INSTALLED WITH SKILLED LABOUR WITH ARALDITE AS APPROVED 32 MM THK SOLID CORE FLUSH DOOR OF WATERPROOF GRADE WITH LAMINATE OF BOTH SIDES OF WENGE DESIGN	THREE HINGES OF 0.125M HEAVY DUTY CHROME PLATED	0.20 M LONG HEAVY DUTY CROME PLATED ONE TOWERBOLT INTERNALLY	0.20 M LONG HEAVY DUTY M.S CROME PLATED INTERNALLY	0.15 M LONGHEAVY DUTY M.S CROME PLATED EXTERNALSIDE & INTERNAL SIDE BOTH	0.30 M LONG HEAVY DUTY M.S CHROME PLATED EXTERNAL SIDE
2	D3	0.75MX2.40M	2.40	DOOR FRAME OF BLACK GRANITE WITH FULL BULLNOSING INSTALLED WITH SKILLED LABOUR WITH ARALDITE AS APPROVED 32 MM THK SOLID CORE FLUSH DOOR OF WATERPROOF GRADE WITH LAMINATE OF BOTH SIDES OF WENGE DESIGN	THREE HINGES OF 0.125M HEAVY DUTY CHROME PLATED	0.20 M LONG HEAVY DUTY CROME PLATED ONE TOWERBOLT INTERNALLY	0.20 M LONG HEAVY DUTY M.S CROME PLATED INTERNALLY	0.15 M LONGHEAVY DUTY M.S CROME PLATED EXTERNALSIDE & INTERNAL SIDE BOTH	0.30 M LONG HEAVY DUTY M.S CHROME PLATED EXTERNAL SIDE

OFFICERS CLUB
(PRESIDENT; HON. COLLECTOR,LATUR DISTRICT)

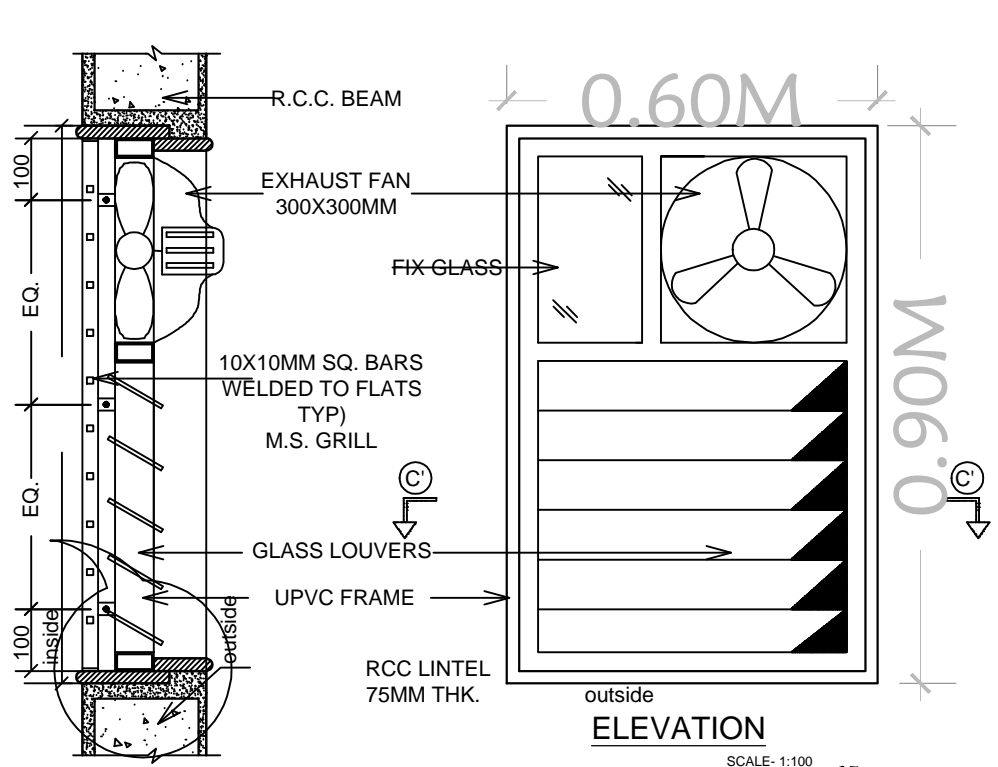
TITLE OF THE PROJECT: PROPOSED OFFICERS CLUB, LATUR

DRAWN: _____ CHECKED : KK

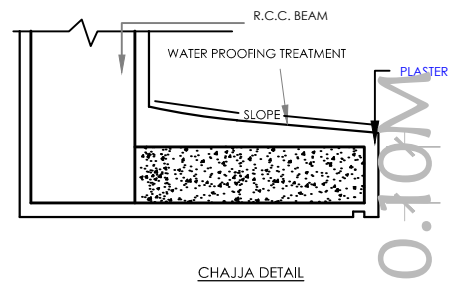
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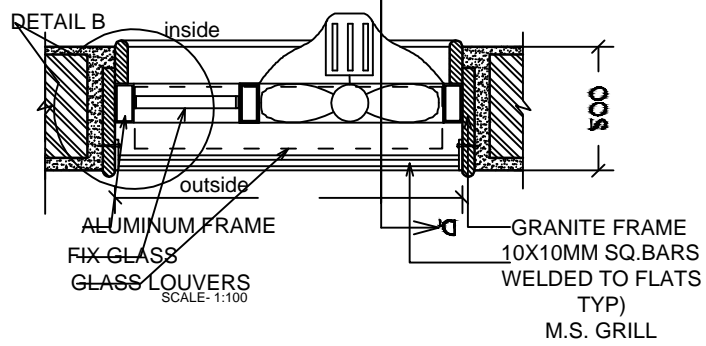
ARCHITECTS:
KRISHNAKUMAR BANGAD
FIIA, COA, FIV, IIID
CA/2004/32977



SECTION D'-D'
SCALE: 1:100

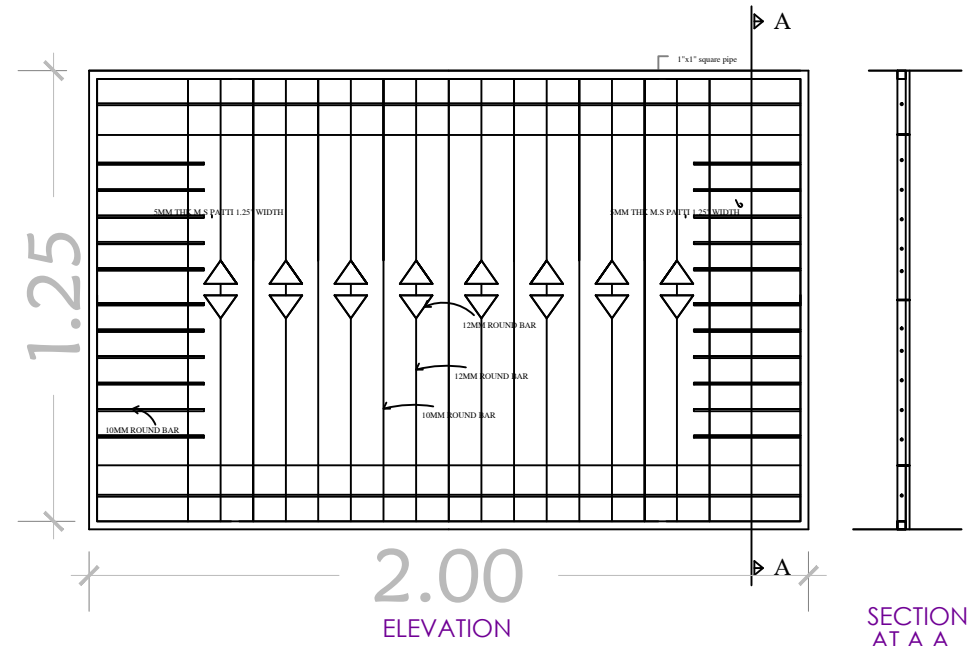


CHAJJA DETAIL



PLAN AT. C'-C'

**ANODIZED ALUMINUM LOUVERED VENTILATORS WITH M.S. GRILL
AND EXHAUST FAN VENTILATORS - V = 0.60M X 0.9M.**



LOCATION - MS GRILL DOOR

S.NO	NAME	SIZE	SILL LVL	LINTEL LVL	SPECIFICATION
1	W	3.00M X 1.50M	0.90M	2.40 M	IVORY POWDER COATED ONE OPENABLE AND TWO FIXED THREE TRACK UPVC SLIDING WINDOWS (2+ 1 MOSQUITO NET) WITH SHUTTER WITH M.S.GRILL [EVERY SHUTTER - 0.5XWIDTH OF WINDOW] 20 MM THICK MIRROR POLISHED BLACK GRANITE SILL 100 MM WIDE WITH ROUNDED NOSING ON INTERNAL SIDE& EXTERNAL SIDE
2	W1	2.00M X 1.50M	0.90M	2.40 M	IVORY POWDER COATED THREE TRACK UPVC SLIDING WINDOWS (2+ 1 MOSQUITO NET) WITH SHUTTER WITH M.S.GRILL [EVERY SHUTTER - 0.5XWIDTH OF WINDOW] 20 MM THICK MIRROR POLISHED BLACK GRANITE SILL 100 MM WIDE WITH ROUNDED NOSING ON INTERNAL SIDE& EXTERNAL SIDE
4	V	0.60M X 0.90M	1.50M	2.40 M	POWDER COATED UPVC FIXED PANNEL WITH ADJUSTABLE LOUVERS VENTILATORS AND M.S. GRILLS

SR.	NAME	SIZE	TOTAL	SILL@	LINTEL@	LOCATION	SPECIFICATIONS(REFER DETAILS)
1	W	3.00X1.50	4	0.90 M	2.40M	STAIRCASE	UPVC SLIDING WINDOW
2	W1	2.00X1.50	2	0.90 M	2.40M	KITCHEN, STORE	UPVC SLIDING WINDOW
3	V	0.60X0.90	4	1.50 M	2.40M	TOILET	GLASS LOUVERS

WINDOW SCHEDULE FOR FIRST & SECONDFLOOR



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COLLECTOR, LATUR DISTRICT)

TITLE
OF THE
PROJECT

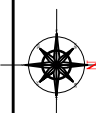
PROPOSED OFFICERS CLUB, LATUR

DRAWN

CHECKED : KK

SCALE

DATE:



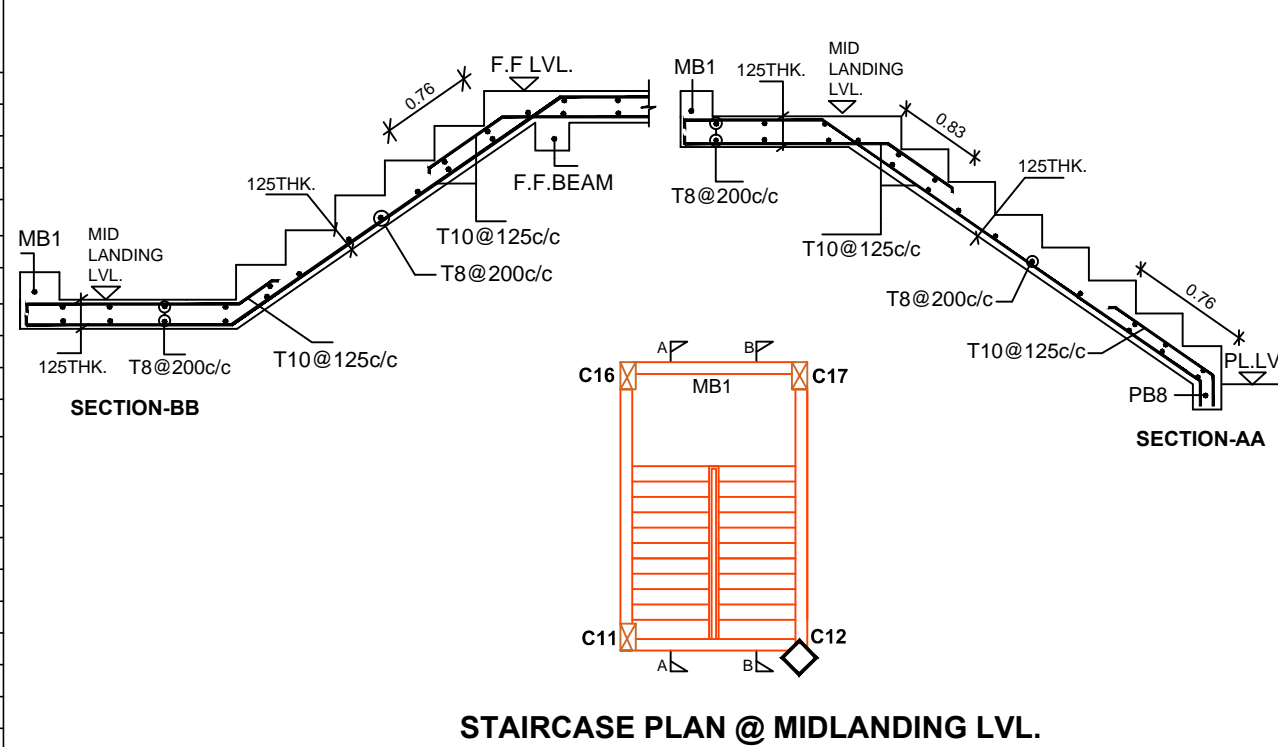
Bedre Arcade, ground floor, Behind Sushma Hotel, Shivaji Chowk,
Latur-413512, Maharashtra.
Tel: +91 2382 246105 Email: kk@spacemagic.in / www.spacemagic.in

ARCHITECTS:
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FIRST FLOOR BEAM SCHEDULE

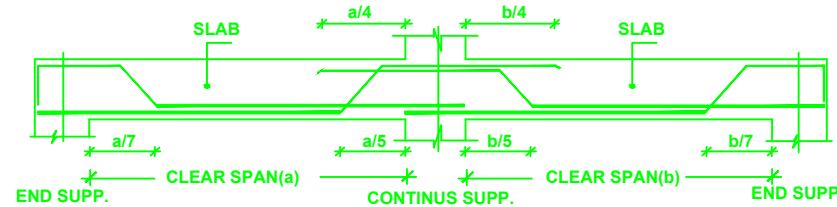
BEAM MKD.	SIZE	BOTT. REIN	TOP REIN	EXTRA @CONT. SUPP.	STIRRUPS BOTH END (L/3 from support)	STIRRUPS BALANCE	REMARK
B1,2,12	300X450	2-T16+2-T20	2-T16	2-T20	T8@150c/c	T8@200c/c	-----
B3,25	300X450	2-T20	2-T16	4-T20	T8@150c/c	T8@150c/c	CANT.
B4,5,6,5B,11	230X450	2-T16	2-T12	-----	T8@200c/c	T8@200c/c	-----
B5A	300X450	3-T16	2-T12	-----	T8@200c/c	T8@200c/c	-----
B7	300X450	4-T20	2-T16	2-T20	T8@100c/c	T8@150c/c	-----
B8	300X450	2-T20	2-T16	-----	T8@200c/c	T8@200c/c	-----
B9,23	300X450	2-T20	2-T16	2-T20	T8@200c/c	T8@200c/c	-----
B10	300X450	4-T20	2-T16	2-T16	T8@100c/c	T8@150c/c	-----
B13	300X450	2-T16+2-T20	2-T16	-----	T8@150c/c	T8@200c/c	-----
B14	300X450	2-T20+1-T16	2-T12	2-T20	T8@200c/c	T8@200c/c	-----
B15	300X450	2-T20	2-T12	2-T20	T8@100c/c	T8@150c/c	-----
B16,24	300X450	2-T20+2-T16	2-T12	-----	T8@150c/c	T8@200c/c	-----
B17	150X300	2-T12	2-T12	-----	T8@200c/c	T8@200c/c	-----
B18,19,21	300X450	4-T20	2-T16	-----	T8@150c/c	T8@150c/c	-----
B20	230X450	2-T12	2-T12	-----	T8@200c/c	T8@200c/c	-----
B22	300X450	2-T20+2-T16	2-T12	2-T20	T8@150c/c	T8@200c/c	-----
B26	300X450	2-T20	2-T16	2-T20	T8@150c/c	T8@150c/c	-----
B27	300X450	2-T20+2-T16	2-T16	-----	T8@150c/c	T8@200c/c	-----
B28	300X675	5-T25	4-T20	-----	T8@150c/c	T8@150c/c	2-T12@EFOB
B29,32	450X675	8-T25	4-T20	-----	T8@150c/c	T8@150c/c	4-lagged
B30,31,33	450X675	2-T25	2-T20	-----	T8@150c/c	T8@150c/c	cant(4-igd)

STAIRCASE DETAIL



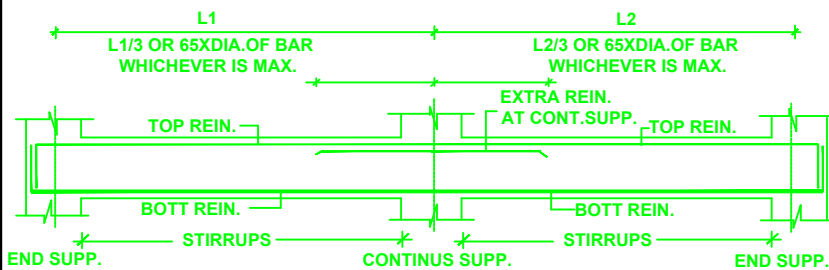
FIRST FLOOR SLAB SCHEDULE

SLAB MKD	THK.	SHORT SPAN REIN.	LONG SPAN REIN.	DIST. REIN.	REMARK
S1	125	T10@175C/C ALT BENT	T8@200C/C	T8@200C/C	ONE WAY
S2	125	T10@125C/C ALT BENT	T8@200C/C	T8@200C/C	ONE WAY
S3	125	T8@150C/C ALT BENT	T8@200C/C	T8@200C/C	ONE WAY
S4	125	T10@200C/C ALT BENT	T10@200C/C ALT BENT	T8@200C/C	TWO WAY
S5	100	T8@200C/C	T8@200C/C	T8@200C/C	ONE WAY

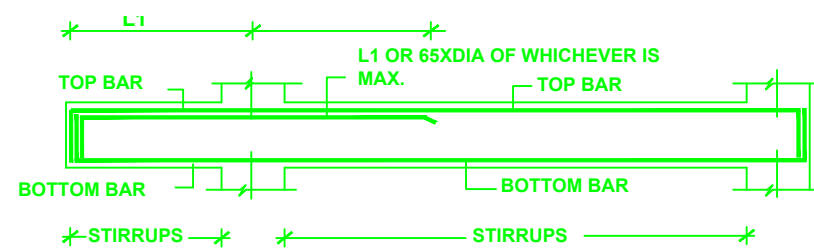


BAR BENDING IN SLAB (ALT. BENT)

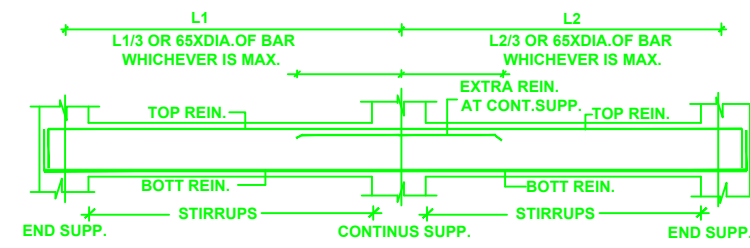
DESHUTTERING PERIOD			
SPAN IN M	UP TO 4.5 M	ABOVE 4.5 M	ABOVE 6.0 M
SLAB	7 DAYS	14 DAYS	14 DAYS
BEAM	14 DAYS	21 DAYS	21 DAYS



TYP. CONTINUOUS BEAM



TYP. CANT. BEAM



TYP. CONT. BEAM (STAIRCASE DETAIL)

NOTE:

- DO NOT SCALE THE DRAWING
- FOUNDATION TO REST ON HARD STRATA MINIMUM DEPTH OF EXCAVATION SHOULD BE 1.5M
- CONCRETE AS PER DESIGN MIX UNLESS SPECIFIED
- BASIC REFERENCE CODE IS 456-2000(1-2-3-4 EDITION)
- CONCRETE GRADE SHALL BE M20
- EARTHQUAKE ZONE SPECIFIED IN IS 1893:2016-3rd ZONE
- DUCTILE DESIGN TO SEISMIC FORCES IN IS 13920:2016
- 'T' INDICATES TOR STEEL OF GRADE Fe 500
- 'Ø' INDICATES MILD STEEL OF GRADE Fe 250 N/mm²
- SBC OF SOIL ASSUMED AS 30 T/m²
- CLEAR COVER TO MAIN REIN.
- FOOTING 40mm, COLUMN 25mm, BEAM 35mm, SLAB 20mm
- MINIMUM CEMENT CONTENT & MAXIMUM W/C RATIO USED FOR FOUNDATION CONCRETE SHOULD BE AS PER CLAUSE 1.2.8.2.4.1.9.1.2 (TABLE-5) OF BASIC REFERENCE CODE IS 456-2000(1-2-3-4 EDITION)

- FOR CANTILEVER BEAMS TOP REINFORCEMENT TO BE ANCHORED BEHIND FOR 60 X D OR SPAN OF CANTILEVER WHICHEVER IS GREATER. [D = DIA. OF BAR]
- BAR BENDING SHOULD BE AS PER DETAILS GIVEN.
- LAP LENGTH FOR i) BEAMS & SLABS = 60 X D [D = DIAMETER OF BAR]
ii) COLUMNS = 45 X D [D = DIAMETER OF BAR]
- ALL LAPS SHOULD BE STAGGERED & NOT MORE THAN 50% BARS TO BE LAPPED AT ANY GIVEN SECTION.
- ALL COLUMNS OF FRAME SHOULD BE TIED IN BOTH DIRECTIONS BY TIE BEAMS/PLINTH BEAMS AT GROUND LEVEL/PLINTH LEVEL.EVEN IF HEIGHT OF COLUMNS IS WITHIN MAXIMUM ALLOWABLE HEIGHT LIMITS.
- AT ANY LEVEL WHERE COLUMN SIZE GETS REDUCED IN EITHER DIMENSIONS, TIE OR PLINTH BEAMS ARE REQUIRED.
- IF FOOTINGS OVERLAP EACH OTHER, NECESSARY REVISION SHOULD BE OBTAINED FROM OUR OFFICE.
- DO NOT CAST ANY R.C.C. WORK UNLESS IT IS CHECKED AND CONFIRMED BY R.C.C. DESIGNER
- COLUMNS ORIENTATION AS PER ARCHITECTURAL CENTER LINE PLAN.
- ALL REIN. SHALL BE BENT UP AS SHOWN TO SATISFY THE DEVELOPMENT LENGTH CRITERIA AS PER 465/2000 (FOR DEVELOPMENT LENGTH REFER SECT-DD)
- IF THERE ANY DEVIATION,REFERENCE SHALL BE MADE TO THIS OFFICE BEFORE EXECUTION

- FOR BEAMS HAVING WIDTH OF 6" [150 MM] PROVIDE ONLY TWO BARS IN ANY ONE LAYER & FOR BEAMS HAVING WIDTH OF 9" [230 MM] PROVIDE ONLY THREE BARS IN ANY ONE LAYER.
- PROPER CHAIRS TO BE PROVIDED TO ENSURE SPECIFIED THICKNESS OF SLAB TO RETAIN THE TOP BARS IN PROPER POSITION & ALSO PROVIDE PROPER COVERING & PINS FOR BEAM REINFORCEMENT
- FIRST STIRRUPS IN BEAM SHOULD START FROM ITS FACE OF SUPPORT [i.e. FROM COLUMN OR BEAM FACE.]
- PROVIDE LINKS FOR COLUMN REINFORCEMENT IN JUNCTION OF COLUMN, BEAMS & SLABS AS PER LINKS SPACING MENTIONED IN OUR DRAWING.
- OUR RESPONSIBILITY SHALL REMAIN LIMITED TO SAFE AND SOUND STRUCTURAL DESIGN.
- ALL STRUCTURAL CONCRETE SHALL BE WEIGHT BATCHED, MACHINE MIXED AND MECHANICALLY VIBRATED.

DESHUTTERING PERIOD			
SPAN IN M	UP TO 4.5 M	ABOVE 4.5 M	ABOVE 6.0 M
SLAB	7 DAYS	14 DAYS	14 DAYS
BEAM	14 DAYS	21 DAYS	21 DAYS

- WE SHALL NOT REMAIN RESPONSIBLE FOR
 - CONCRETE MIX, QUALITY, SHUTTERING, CURING, SUBSTANDARD CONSTRUCTION MATERIAL, WORKMANSHIP & FAULTY CONSTRUCTION PROCEDURE .
 - SAFETY OF OLD STRUCTURE DURING DEMOLITION AND SAFETY OF ABUTTING STRUCTURE / BUILDING. ANY ACCIDENT OCCURRING DUE TO CONSTRUCTION OF ELEMENT OF BUILDING NOT DESIGNED BY US.
- PROPER PRECAUTIONS SHOULD BE TAKE BY SHORING, STRUTTING ETC. TO MAINTAIN THE STABILITY OF ABUTTING STRUCTURES. STRUCTURAL CONSULTANT SHOULD BE INFORMED IF ANY GUIDANCE IS REQUIRED FOR THE SAME.
- SUPERVISION, IF SPECIFICALLY ASKED FOR, WILL BE PROVIDED TO THE EXTENT OF VERIFICATION OF REINFORCEMENT ON SITE BUT RESPONSIBILITY REGARDING CORRECT & SOUND CONSTRUCTION SHALL SOLELY REST WITH CONTRACTOR / BUILDER / OWNER .
- ANY DISCREPANCY BETWEEN OUR DRAWING & ARCHITECTS DRAWING SHALL BE BROUGHT TO OUR NOTICE BEFORE EXECUTION OF WORK, DO NOT SCALE THE DRAWING.
- FORMWORK OF CANTILEVER CANOPY, CHAJJA ETC. SHOULD NOT BE REMOVED WITHOUT PERMISSION OF THE STRUCTURAL CONSULTANT.

DESHUTTERING PERIOD			
SPAN IN M	UP TO 4.5 M	ABOVE 4.5 M	ABOVE 6.0 M
SLAB	7 DAYS	14 DAYS	14 DAYS
BEAM	14 DAYS	21 DAYS	21 DAYS

SHEET NO: BUILDING TYPE- RESTAURANT

FIRST FLOOR PLAN

TITLE: SLAB & BEAM & STAIRCASE DETAILS

SPECIFICATIONS:

STRUCTURAL CONSULTANT

SANJAY JATHADE M.TECH.(STR)
'ROYAL PLAZA'COMPLEX F.FLOOR,S.NO.12,MURARGI PETH
BEHIND BHAGWAT PETROL PUMP.SOLAPUR-413001
CELL.9423589358 Email-sanjay_jathade@rediffmail.com

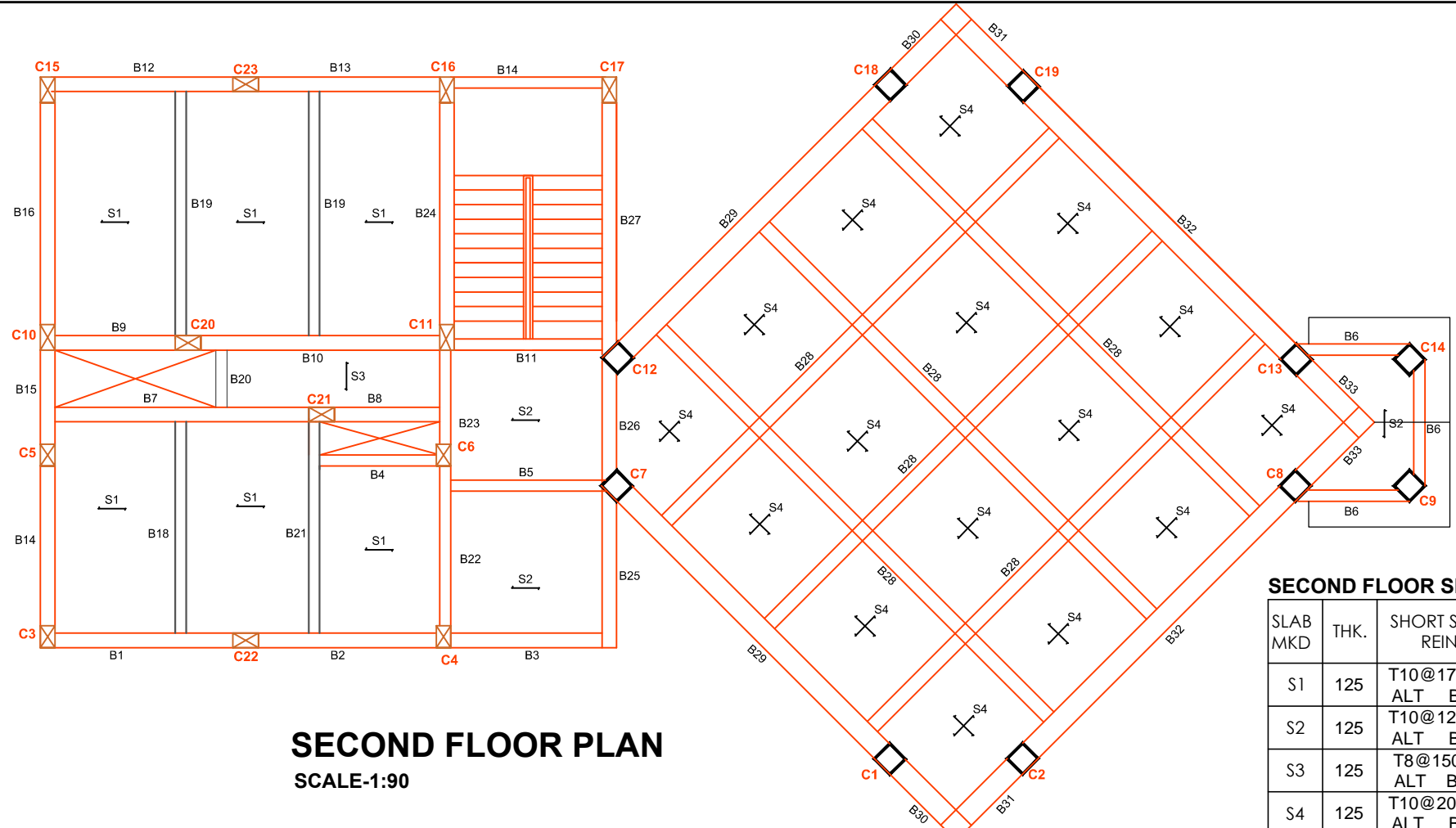
OFFICERS CLUB
(PRESIDENT; HON.
COLLECTOR,LATUR DISTRICT)

TITLE OF THE PROJECT
PROPOSED OFFICERS CLUB, LATUR

DRAWN
SCALE
CHECKED : KK
DATE:



ARCHITECTS:
KRISHNAKUMAR BANGAD
FIIA, COA, FIV, IIID
CA/2004/32977



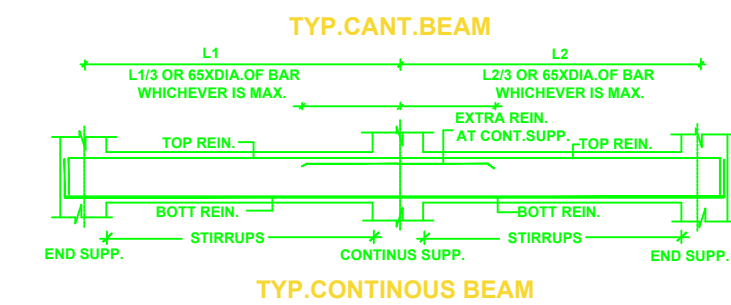
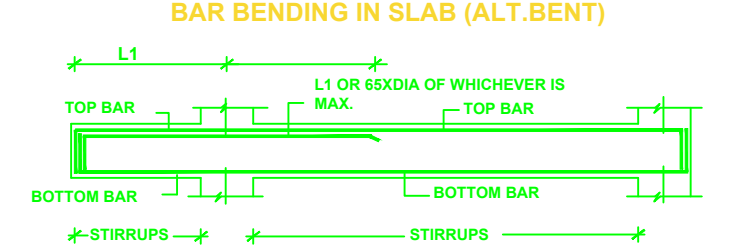
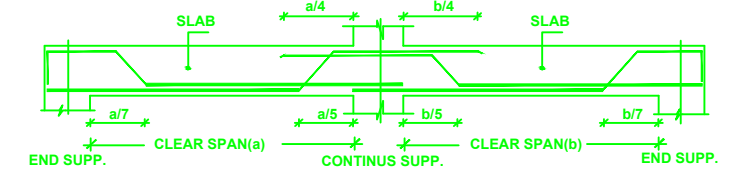
SECOND FLOOR PLAN
SCALE-1:90

SECOND FLOOR SLAB SCHEDULE

SLAB MKD	THK.	SHORT SPAIN REIN.	LONG SPAIN REIN	DIST.REIN.	REMARK
S1	125	T10@175C/C ALT BENT	T8@200C/C	T8@200C/C	ONE WAY
S2	125	T10@125C/C ALT BENT	T8@200C/C	T8@200C/C	ONE WAY
S3	125	T8@150C/C ALT BENT	T8@200C/C	T8@200C/C	ONE WAY
S4	125	T10@200C/C ALT BENT	T10@200C/C ALT BENT	T8@200C/C	TWO WAY
S5	100	T8@200C/C	T8@200C/C	T8@200C/C	ONE WAY

SECOND FLOOR BEAM SCHEDULE

BEAM MKD.	SIZE	BOTT. REIN	TOP REIN	EXTRA @CONT. SUPP.	STIRRUPS BOTH END (L/3 from support)	STIRRUPS SB ALANCE	REMARK
B1,2,12	300X450	2-T16+2-T20	2-T16	2-T20	T8@150c/c	T8@200c/c	-----
B3,25	300X450	2-T20	2-T16	4-T20	T8@150c/c	T8@150c/c	CANT.
B4,5,11	230X450	2-T16	2-T12	-----	T8@200c/c	T8@200c/c	-----
B6	230X450	2-T16	2-T16	-----	T8@200c/c	T8@200c/c	-----
B7	300X450	4-T20	2-T16	2-T20	T8@100c/c	T8@150c/c	-----
B8	300X450	2-T20	2-T16	-----	T8@200c/c	T8@200c/c	-----
B9,23	300X450	2-T20	2-T16	2-T20	T8@200c/c	T8@200c/c	-----
B10	300X450	4-T20	2-T16	2-T16	T8@100c/c	T8@150c/c	-----
B13	300X450	2-T16+2-T20	2-T16	-----	T8@150c/c	T8@200c/c	-----
B14	300X450	2-T20+1-T16	2-T12	2-T20	T8@200c/c	T8@200c/c	-----
B15	300X450	2-T20	2-T12	2-T20	T8@100c/c	T8@150c/c	-----
B16,24	300X450	2-T20+2-T16	2-T12	-----	T8@150c/c	T8@200c/c	-----
B18,19,21	300X450	4-T20	2-T16	-----	T8@150c/c	T8@150c/c	-----
B20	230X450	2-T12	2-T12	-----	T8@200c/c	T8@200c/c	-----
B22	300X450	2-T20+2-T16	2-T12	2-T20	T8@150c/c	T8@200c/c	-----
B26	300X450	2-T20	2-T16	2-T20	T8@150c/c	T8@150c/c	-----
B27	300X450	2-T20+2-T16	2-T16	-----	T8@150c/c	T8@200c/c	-----
B28	300X675	5-T25	4-T20	-----	T8@150c/c	T8@150c/c	2-T12@EFOB
B29,32	450X675	8-T25	4-T20	-----	T8@150c/c	T8@150c/c	4-lagged
B30,31,33	450X675	2-T25	2-T20	-----	T8@150c/c	T8@150c/c	cant(4-lgd)



NOTE:

- DO NOT SCALE THE DRAWING
- FOUNDATION TO REST ON HARD STRATA MINIMUM DEPTH OF EXCAVATION SHOULD BE 1.5M
- CONCRETE AS PER DESIGN MIX UNLESS SPECIFIED
- BASIC REFERENCE CODE IS 456:2000(1-2-3-4 EDITION)
- CONCRETE GRADE SHALL BE M20
- EARTHQUAKE ZONE SPECIFIED IN IS 1893:2016-3rd ZONE
- DUCTILE DESIGN TO SEISMIC FORCES IN IS 13920:2016
- T INDICATES TOR STEEL OF GRADE Fe 500
- INDICATES MILD STEEL OF GRADE Fe 250 N/mm²
- SBC OF SOIL ASSUMED AS 30 T/m²
- CLEAR COVER TO MAIN REIN.
- FOOTING 40mm, COLUMN 25mm BEAM 35mm, SLAB 20mm
- MINIMUM CEMENT CONTENT & MAXIMUM W/C RATIO USED FOR FOUNDATION CONCRETE SHOULD BE AS PER CLAUSE 1.2.8.2.4.1.9.1.2 (TABLE-5) OF BASIC REFERENCE CODE IS 456:2000(1-2-3-4 EDITION)

DESHUTTERING PERIOD			
SPAN IN M	UP TO 4.5 M	ABOVE 4.5 M	ABOVE 6.0 M
SLAB	7 DAYS	14 DAYS	14 DAYS
BEAM	14 DAYS	21 DAYS	21 DAYS

- FOR CANTILEVER BEAMS TOP REINFORCEMENT TO BE ANCHORED BEHIND FOR 60 X D OR SPAN OF CANTILEVER WHICHEVER IS GREATER [D = DIA. OF BAR]
- BAR BENDING SHOULD BE AS PER DETAILS GIVEN.
- LAP LENGTH FOR BEAMS & SLABS = 60 X D [D = DIAMETER OF BAR]
- COLUMNS = 45 X D [D = DIAMETER OF BAR]
- ALL LAPS SHOULD BE STAGGERED & NOT MORE THAN 50% BARS TO BE LAPPED AT ANY GIVEN SECTION.
- ALL COLUMNS OF FRAME SHOULD BE TIED IN BOTH DIRECTIONS BY THE BEAMS/ PLINTH BEAMS AT GROUND LEVEL/PLINTH LEVEL EVEN IF HEIGHT OF COLUMNS IS WITHIN MAXIMUM ALLOWABLE HEIGHT LIMITS.
- AT ANY LEVEL WHERE COLUMN SIZE GETS REDUCED IN EITHER DIMENSIONS, THE OR PLINTH BEAMS ARE REQUIRED.
- IF FOOTINGS OVERLAP EACH OTHER, NECESSARY REVISION SHOULD BE OBTAINED FROM OUR OFFICE.
- DO NOT CAST ANY R.C.C. WORK UNLESS IT IS CHECKED AND CONFIRMED BY R.C.C. DESIGNER
- COLUMNS ORIENTATION AS PER ARCHITECTURAL CENTER LINE PLAN.
- ALL REIN. SHALL BE BENT UP AS SHOWN TO SATISFY THE DEVELOPMENT LENGTH CRITERIA AS PER 465/2000 (FOR DEVELOPMENT LENGTH REFER SECT-DD)
- IF THERE ANY DEVIATION, REFERENCE SHALL BE MADE TO THIS OFFICE BEFORE EXECUTION

- FOR BEAMS HAVING WIDTH OF 6" [150 MM] PROVIDE ONLY TWO BARS IN ANY ONE LAYER & FOR BEAMS HAVING WIDTH OF 9" [230 MM] PROVIDE ONLY THREE BARS IN ANY ONE LAYER.
- PROPER CHAIRS TO BE PROVIDED TO ENSURE SPECIFIED THICKNESS OF SLAB TO RETAIN THE TOP BARS IN PROPER POSITION & ALSO PROVIDE PROPER COVERING & PINS FOR BEAM REINFORCEMENT
- FIRST STIRRUPS IN BEAM SHOULD START FROM ITS FACE OF SUPPORT [i.e. FROM COLUMN OR BEAM FACE.]
- PROVIDE LINKS FOR COLUMN REINFORCEMENT IN JUNCTION OF COLUMN, BEAMS & SLABS AS PER LINKS SPACING MENTIONED IN OUR DRAWING.
- OUR RESPONSIBILITY SHALL BE LIMITED TO SAFE AND SOUND STRUCTURAL DESIGN.
- ALL STRUCTURAL CONCRETE SHALL BE WEIGHT BATCHED, MACHINE MIXED AND MECHANICALLY VIBRATED.

DESHUTTERING PERIOD			
SPAN IN M	UP TO 4.5 M	ABOVE 4.5 M	ABOVE 6.0 M
SLAB	7 DAYS	14 DAYS	14 DAYS
BEAM	14 DAYS	21 DAYS	21 DAYS

- WE SHALL NOT REMAIN RESPONSIBLE FOR
- 1) CONCRETE MIX, QUALITY, SHUTTERING, CURING, STANDARD CONSTRUCTION MATERIAL, WORKMANSHIP & FAULTY CONSTRUCTION PROCEDURE.
- 2) SAFETY OF OLD STRUCTURE DURING DEMOLITION AND SAFETY OF ABUTTING STRUCTURE / BUILDING, ANY ACCIDENT OCCURRING DUE TO CONSTRUCTION OF ELEMENT OF BUILDING NOT DESIGNED BY US.
- PROPER PRECAUTIONS SHOULD BE TAKE BY SHORING, STRUTTING ETC. TO MAINTAIN THE STABILITY OF ABUTTING STRUCTURES. STRUCTURAL CONSULTANT SHOULD BE INFORMED IF ANY GUIDANCE IS REQUIRED FOR THE SAME.
- SUPERVISION, IF SPECIFICALLY ASKED FOR, WILL BE PROVIDED TO THE EXTENT OF VERIFICATION OF REINFORCEMENT ON SITE BUT RESPONSIBILITY REGARDING CORRECT & SOUND CONSTRUCTION SHALL SOLELY REST WITH CONTRACTOR / BUILDER / OWNER.
- ANY DISCREPANCY BETWEEN OUR DRAWING & ARCHITECTS DRAWING SHALL BE BROUGHT TO OUR NOTICE BEFORE EXECUTION OF WORK, DO NOT SCALE THE DRAWING.
- FORMWORK OF CANTILEVER CANOPY, CHAJJA ETC. SHOULD NOT BE REMOVED WITHOUT PERMISSION OF THE STRUCTURAL CONSULTANT.

STRUCTURAL CONSULTANT

SANJAY JATHADE M.TECH.(STR)
 'ROYAL PLAZA' COMPLEX F.FLOOR, S.NO.12, MURARGI PETH
 BEHIND BHAGWAT PETROL PUMP, SOLAPUR-413001
 CELL.9423589358 Email-sanjay_jathade@rediffmail.com



OFFICERS CLUB
 (PRESIDENT; HON. COLLECTOR, LATUR DISTRICT)

TITLE OF THE PROJECT

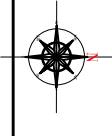
PROPOSED OFFICERS CLUB, LATUR

DRAWN

CHECKED : KK

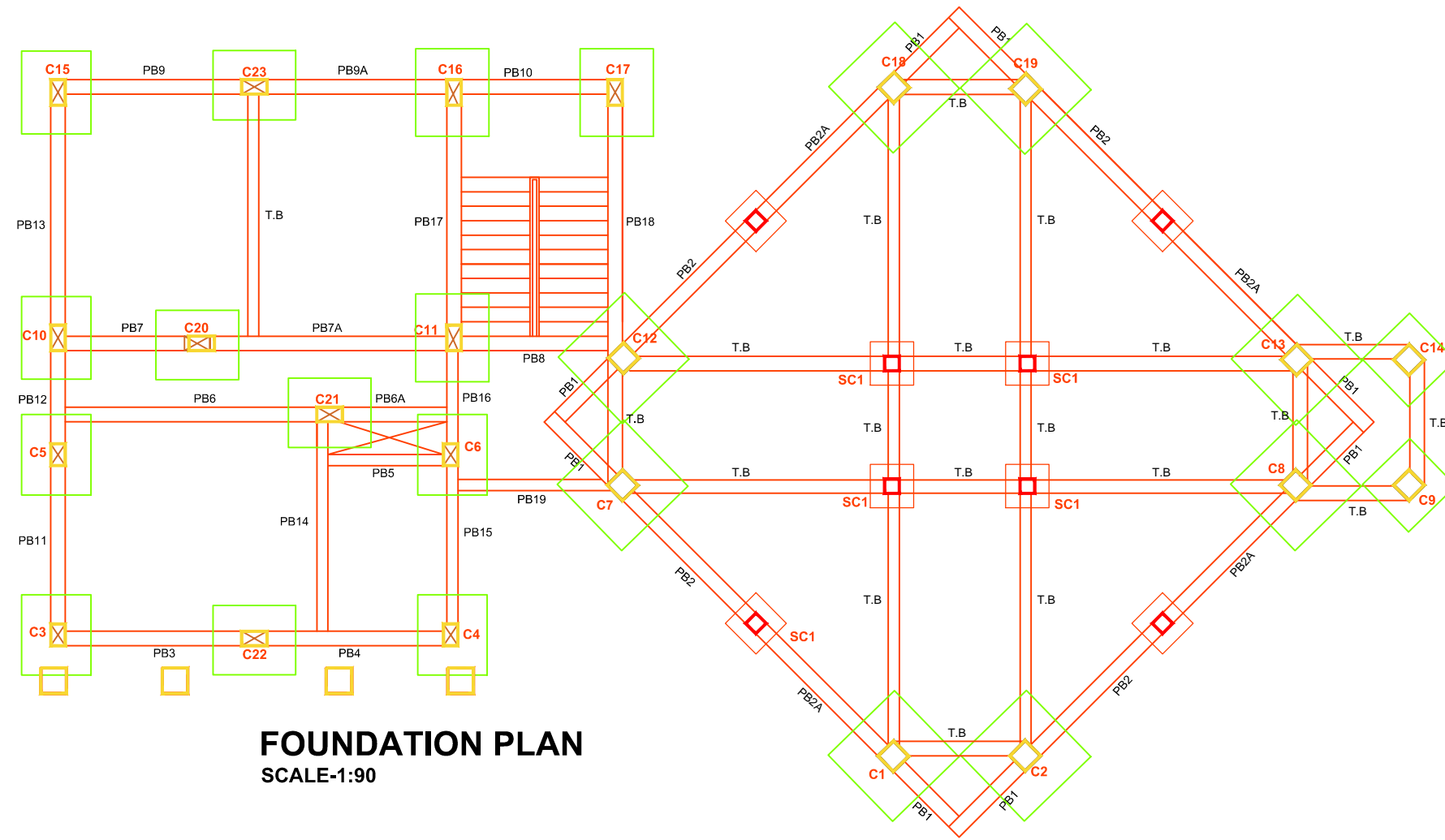
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DATE:

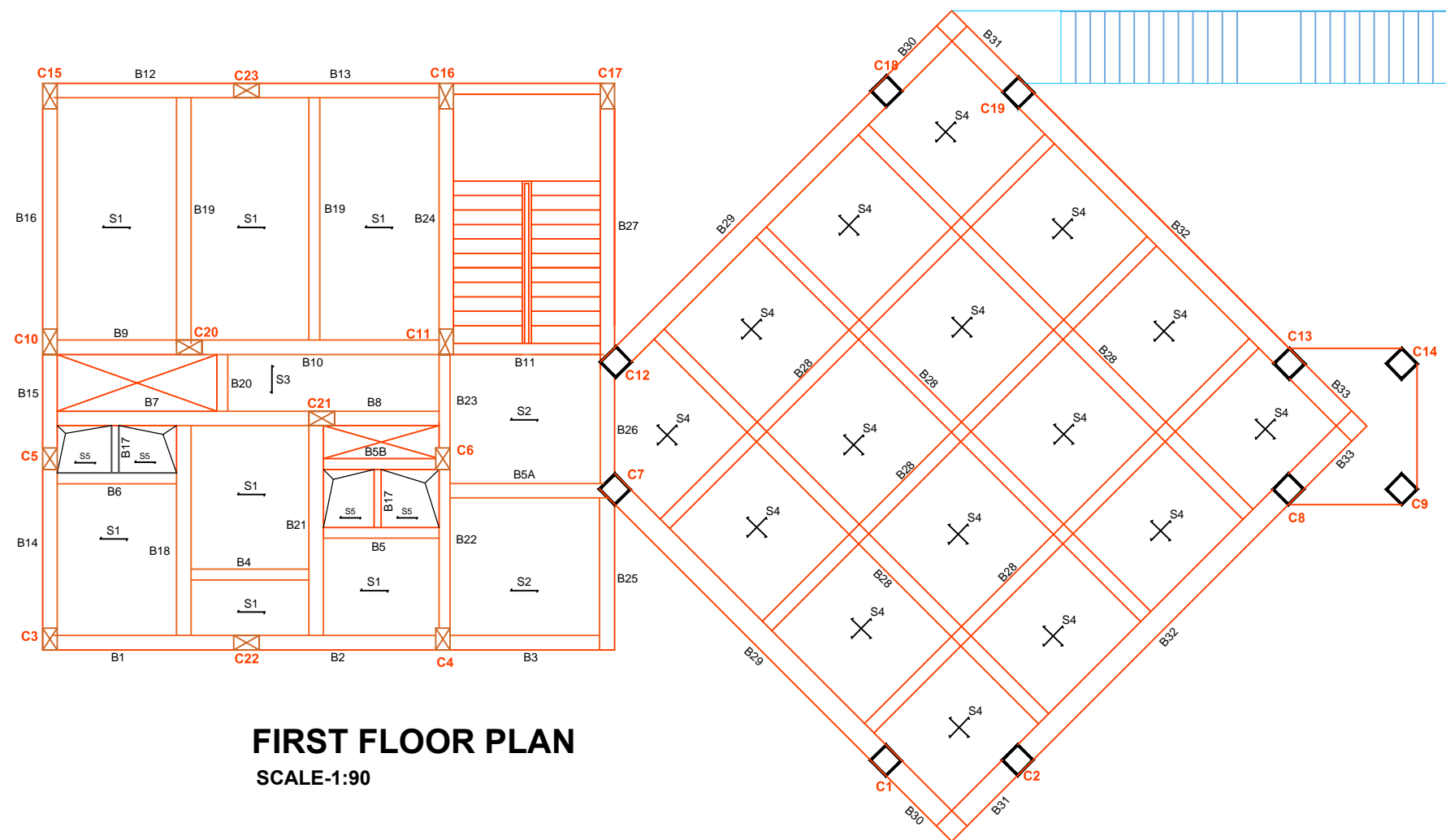


Space Magto consultants
 Bedre Arcade, ground floor, Behind Sushma Hotel, Shivaji Chowk, Latur-413512, Maharashtra.
 Tel:+91 2382 246103 Email: kk@spacemagto.in/Vib/www.spacemagto.in


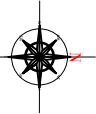

ARCHITECTS:
 KRISHNAKUMAR BANGAD
 FIIA, COA, FIV, IIID
 CA/2004/32977



FOUNDATION PLAN
SCALE-1:90



FIRST FLOOR PLAN
SCALE-1:90

SHEET NO:	BUILDING TYPE- RESTAURANT
FOUNDATION & FIRST FLOOR PLAN	
TITLE:R.C.C PLAN FOR FOUNDATION AND FIRST FLOOR	
SPECIFICATIONS:	
STRUCTURAL CONSULTANT	
SANJAY JATHADE M.TECH.(STR) 'ROYAL PLAZA'COMPLEX F.FLOOR,S.NO.12,MURARGI PETH BEHIND BHAGWAT PETROL PUMP.SOLAPUR-413001 CELL.9423589358 Email-sanjay_jathade@rediffmail.com	
	OFFICERS CLUB (PRESIDENT; HON. COLLECTOR,LATUR DISTRICT)
TITLE OF THE PROJECT	PROPOSED OFFICERS CLUB, LATUR
DRAWN	CHECKED : KK
SCALE	DATE:
	 Bedre Arcade,ground floor,Behind Sushma Hotel,Shivaji Chowk, Latu-413512,Maharashtra, Tel:+91 2382 246103 Email: kk@spacemagic.in/Vidil/www.spacemagic.in
ARCHITECTS:	
KRISHNAKUMAR BANGAD FIIA, COA, FIV, IIID CA/2004/32977	
THIS IS A PRESENTATION DRAWING IT MAY BE MODIFIED DURING EXECUTION	

COLUMN & FOOTING SCHEDULE

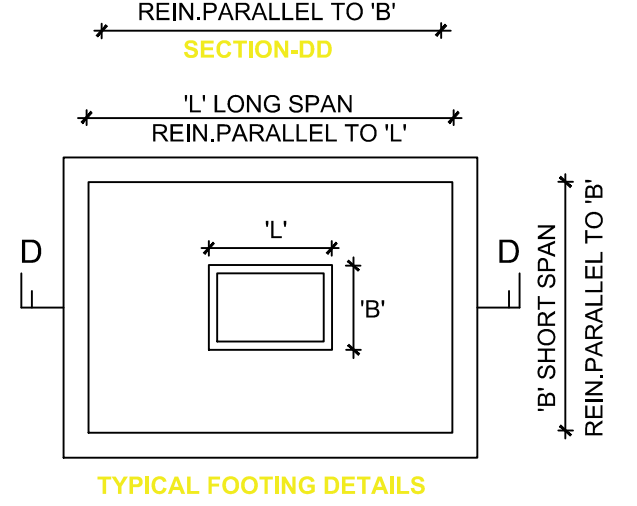
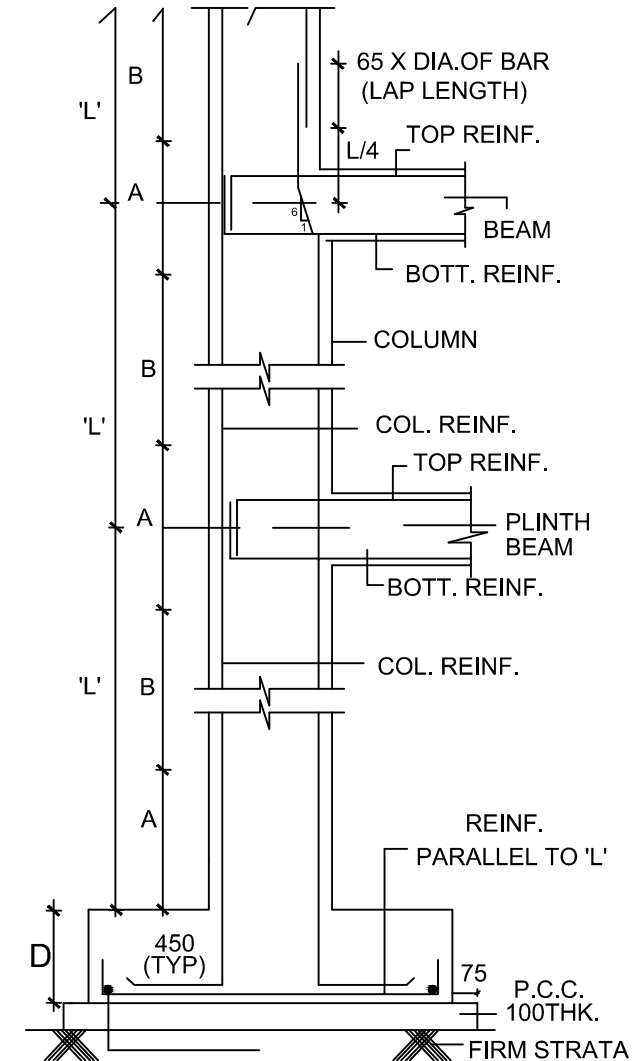
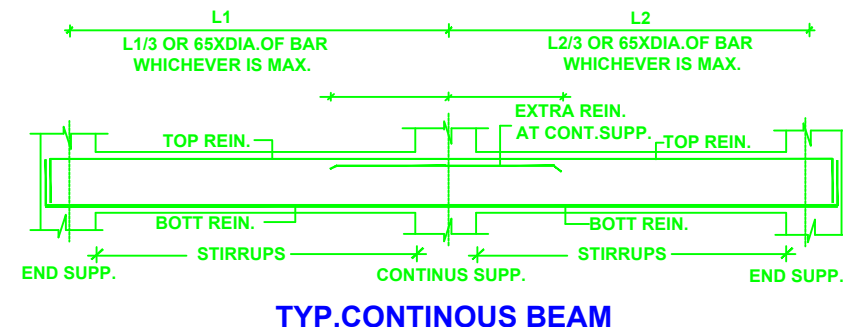
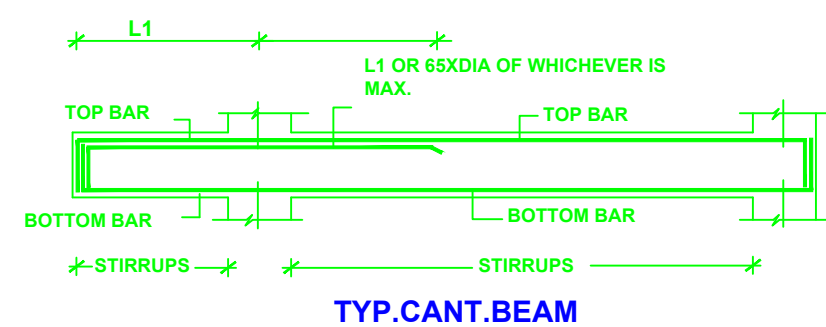
	(COL.SIZE) (MAIN REIN.) (450X450) (12-T20) (STIRRUPS) (T8@150C/C)	(COL.SIZE) (MAIN REIN.) (300X450) (4-T16+4-T12) (STIRRUPS) (T8@150C/C)	(COL.SIZE) (MAIN REIN.) (300X450) (8-T16) (STIRRUPS) (T8@150C/C)	(COL.SIZE) (MAIN REIN.) (300X450) (8-T16) (STIRRUPS) (T8@150C/C)	(COL.SIZE) (MAIN REIN.) (300X450) (10-T16) (STIRRUPS) (T8@150C/C)
SECOND FLOOR TO FIRST FLOOR					
FOOTING TOP TO FIRST FLOOR					
FOOTING SIZE(LXB)	1.98X1.98	1.67X1.44	1.37X1.37	1.75X1.44	1.82X1.52
D	500	450	450	450	500
REIN.PARALLEL TO 'L'	16-T12	11-T10	10-T10	12-T10	12-T10
REIN.PARALLEL TO 'B'	16-T12	13-T10	10-T10	14-T10	15-T10
P.C.C	2.13X2.13X100	1.82X1.60X100	1.52X1.52X100"	1.90X1.60X100	1.98X1.67X100
COLUMN MKD.	C1,C2,C7,C8,12 C13,C18,C19	C3,C4,C5,C6	C9,C14	C10,C15,C20,C21 C22, C23	C11,C16,C17

PLINTH BEAM SCHEDULE

BEAM MKD.	SIZE	BOTT. REIN	TOP REIN	EXTRA @CONT. SUPP.	STIRRUPS BOTH END (L/3 from support)	STIRRUPS BALANCE	REMARK
PB1	300X380	2-T16	2-T12	2-T20+2-T16	T8@150c/c	T8@150c/c	CANT.
PB2,7,11,12,15,16	300X380	2-T16	2-T12	2-T16	T8@150c/c	T8@200c/c	-----
PB2A	300X380	2-T16	2-T12	2-T20+2-T16	T8@150c/c	T8@200c/c	-----
PB3,9,9A	300X380	3-T16	2-T12	2-T16	T8@150c/c	T8@200c/c	-----
PB4,13,17,18	300X380	4-T16	2-T12	-----	T8@150c/c	T8@200c/c	-----
PB5	230X380	2-T12	2-T12	-----	T8@200c/c	T8@200c/c	-----
PB6,7A	300X380	4-T16	2-T12	2-T16	T8@150c/c	T8@200c/c	-----
PB6A,8,10	300X380	2-T16	2-T12	-----	T8@200c/c	T8@200c/c	-----
PB14	230X380	2-T16+1-T12	2-T12	-----	T8@200c/c	T8@200c/c	-----
PB19	230X380	2-T16	2-T12	-----	T8@200c/c	T8@200c/c	-----
T.B	230X380	2-T12	2-T12	-----	T8@200c/c	T8@200c/c	-----
MB1	230X450	2-T16	2-T12	-----	T8@150c/c	T8@150c/c	-----

COLUMN & FOOTING SCHEDULE

FOOTING TOP TO PLINTH LVL.	
FOOTING SIZE(LXB)	0.91X0.91
D	300
REIN.PARALLEL TO 'L'	6-T10
REIN.PARALLEL TO 'B'	6-T10
P.C.C	1.06X1.06X100
COLUMN MKD.	SC1



A-T8@100c/c FOR L/3
B-COLUMN LINK AS PER SCHEDULE

NOTE:

- DO NOT SCALE THE DRAWING
- FOUNDATION TO REST ON HARD STRATA MINIMUM DEPTH OF EXCAVATION SHOULD BE 1.5M
- CONCRETE AS PER DESIGN MIX UNLESS SPECIFIED
- BASIC REFERENCE CODE IS 456-2000(1-2-3-4 EDITION)
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- DUCTILE DESIGN TO SEISMIC FORCES IN IS 13920-2016
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- 'Ø' INDICATES MILD STEEL OF GRADE Fe 250 N/mm²
- SBC OF SOIL ASSUMED AS 30 T/m²
- CLEAR COVER TO MAIN REIN.
- FOOTING 40mm, COLUMN 25mm
- BEAM 35mm, SLAB 20mm
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DESHUTTERING PERIOD			
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BEAM	14 DAYS	21 DAYS	21 DAYS

- FOR CANTILEVER BEAMS TOP REINFORCEMENT TO BE ANCHORED BEHIND FOR 60 X D OR SPAN OF CANTILEVER WHICHEVER IS GREATER. [D = DIA. OF BAR]
- BAR BENDING SHOULD BE AS PER DETAILS GIVEN.
- LAP LENGTH FOR
 - i) BEAMS & SLABS = 45 X D [D = DIAMETER OF BAR]
 - ii) COLUMNS = 45 X D [D = DIAMETER OF BAR]
- ALL LAPS SHOULD BE STAGGERED & NOT MORE THAN 50% BARS TO BE LAPPED AT ANY GIVEN SECTION.
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- IF THERE ANY DEVIATION, REFERENCE SHALL BE MADE TO THIS OFFICE BEFORE EXECUTION

- FOR BEAMS HAVING WIDTH OF 6" [150 MM] PROVIDE ONLY TWO BARS IN ANY ONE LAYER & FOR BEAMS HAVING WIDTH OF 9" [230 MM] PROVIDE ONLY THREE BARS IN ANY ONE LAYER.
- PROPER CHAIRS TO BE PROVIDED TO ENSURE SPECIFIED THICKNESS OF SLAB TO RETAIN THE TOP BARS IN PROPER POSITION & ALSO PROVIDE PROPER COVERING & PINS FOR BEAM REINFORCEMENT
- FIRST STIRRUPS IN BEAM SHOULD START FROM ITS FACE OF SUPPORT [I.e. FROM COLUMN OR BEAM FACE.]
- PROVIDE LINKS FOR COLUMN REINFORCEMENT IN JUNCTION OF COLUMN, BEAMS & SLABS AS PER LINKS SPACING MENTIONED IN OUR DRAWING.
- OUR RESPONSIBILITY SHALL REMAIN LIMITED TO SAFE AND SOUND STRUCTURAL DESIGN.
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 - 1) CONCRETE MIX, QUALITY, SHUTTERING, CURING, SUBSTANDARD CONSTRUCTION MATERIAL, WORKMANSHIP & FAULTY CONSTRUCTION PROCEDURE.
 - 2) SAFETY OF OLD STRUCTURE DURING DEMOLITION AND SAFETY OF ABUTTING STRUCTURE / BUILDING, ANY ACCIDENT OCCURRING DUE TO CONSTRUCTION OF ELEMENT OF BUILDING NOT DESIGNED BY US.
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SHEET NO: BUILDING TYPE- RESTAURANT

FOUNDATION PLAN

TITLE: COLUMN & FOOTING DETAILS

SPECIFICATIONS:

STRUCTURAL CONSULTANT

SANJAY JATHADE M.TECH.(STR)
 'ROYAL PLAZA' COMPLEX F.FLOOR, S.NO.12, MURARGI PETH
 BEHIND BHAGWAT PETROL PUMP, SOLAPUR-413001
 CELL.9423589358 Email-sanjay_jathade@rediffmail.com

OFFICERS CLUB
 (PRESIDENT; HON. COLLECTOR, LATUR DISTRICT)

TITLE OF THE PROJECT: PROPOSED OFFICERS CLUB, LATUR

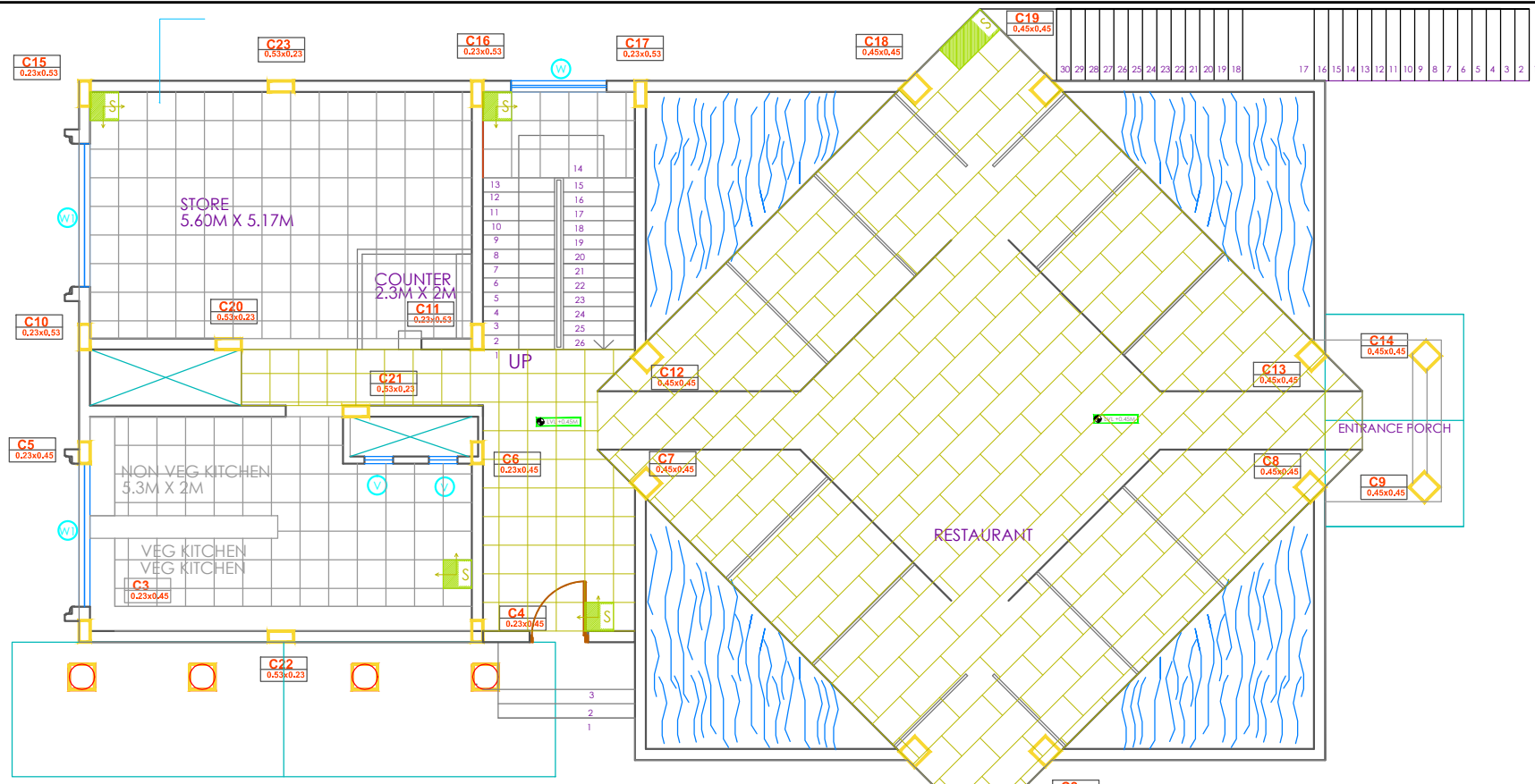
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SCALE: _____ DATE: _____

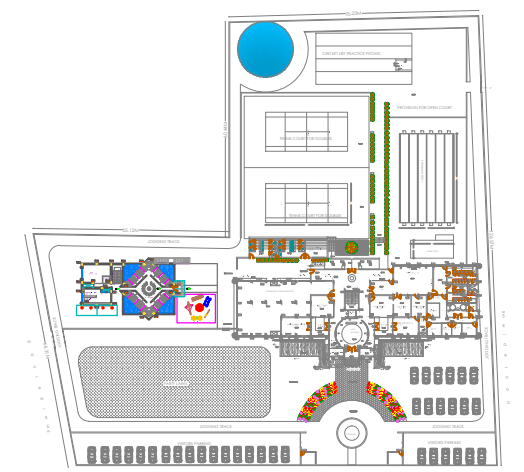
Space Magto consultants
 Bedre Arcade, ground floor, Behind Sushma Hotel, Shivaji Chowk, Latur-413512, Maharashtra.
 Tel:+91 2382 246103 Email: kk@spacemagic.in Web: www.spacemagic.in

ARCHITECTS:
 KRISHNAKUMAR BANGAD
 FIIA, COA, FIV, IIID
 CA/2004/32977

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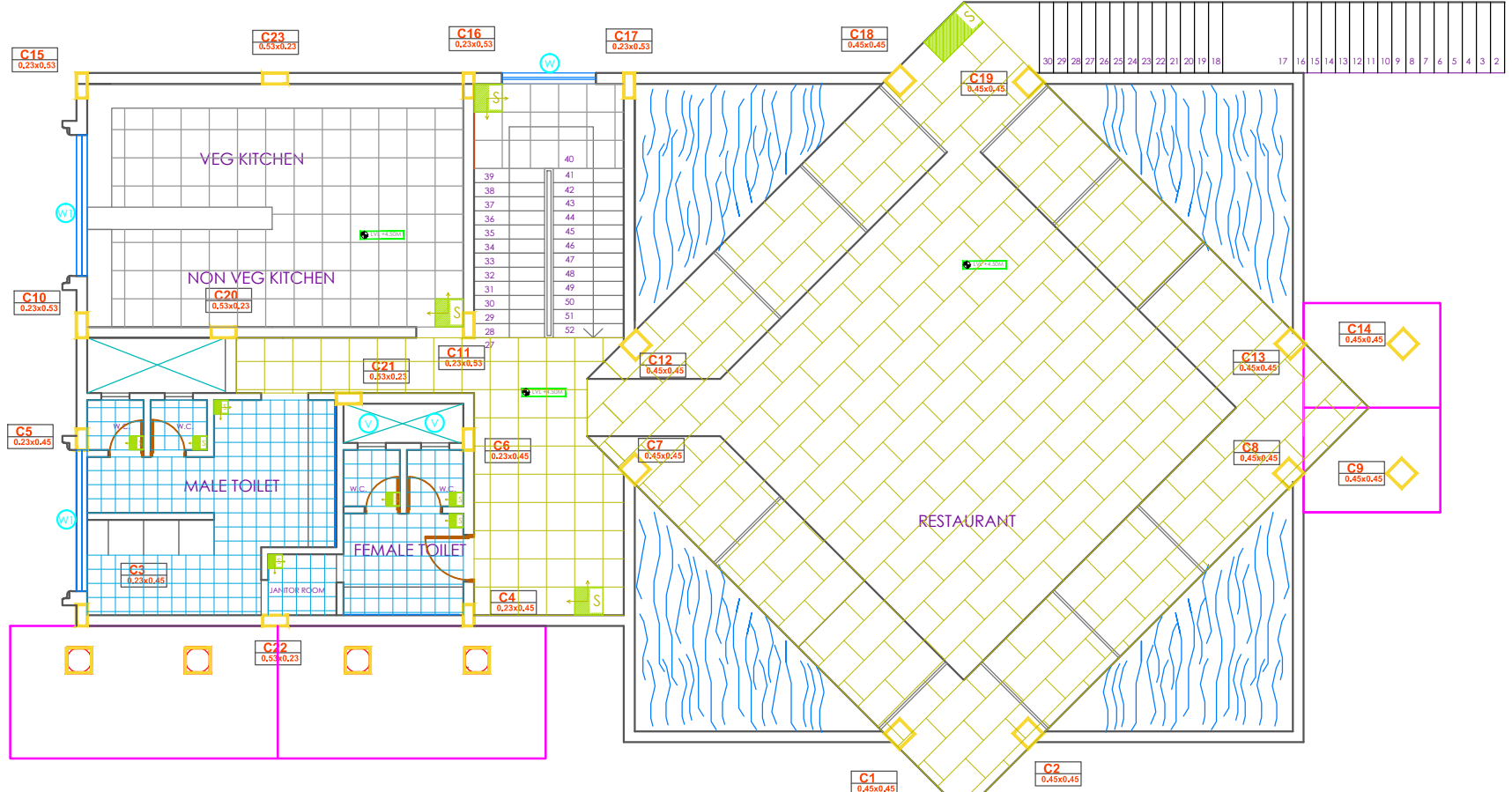


**GROUND FLOOR PLAN
FLOORING DETAILS
SCALE-1:100**



**SITE PLAN
SCALE-1:1500**

LOBBY, STAIRS, REAR, SLOPING (100MM HIGH) IN KITCHEN FROM 800 X 600 X 250MM THE EDGE FLOORING TO BE DONE FOR ALL STAIRS NOTING
 300 x 300 x 10 mm thick vitrified tiles in traffic from
 20 mm thickness size polished kashmiri
 vitrified tiles 600x600x10mm mark johnson nesco
 vitrified tile 1200x600x10mm mark johnson nesco

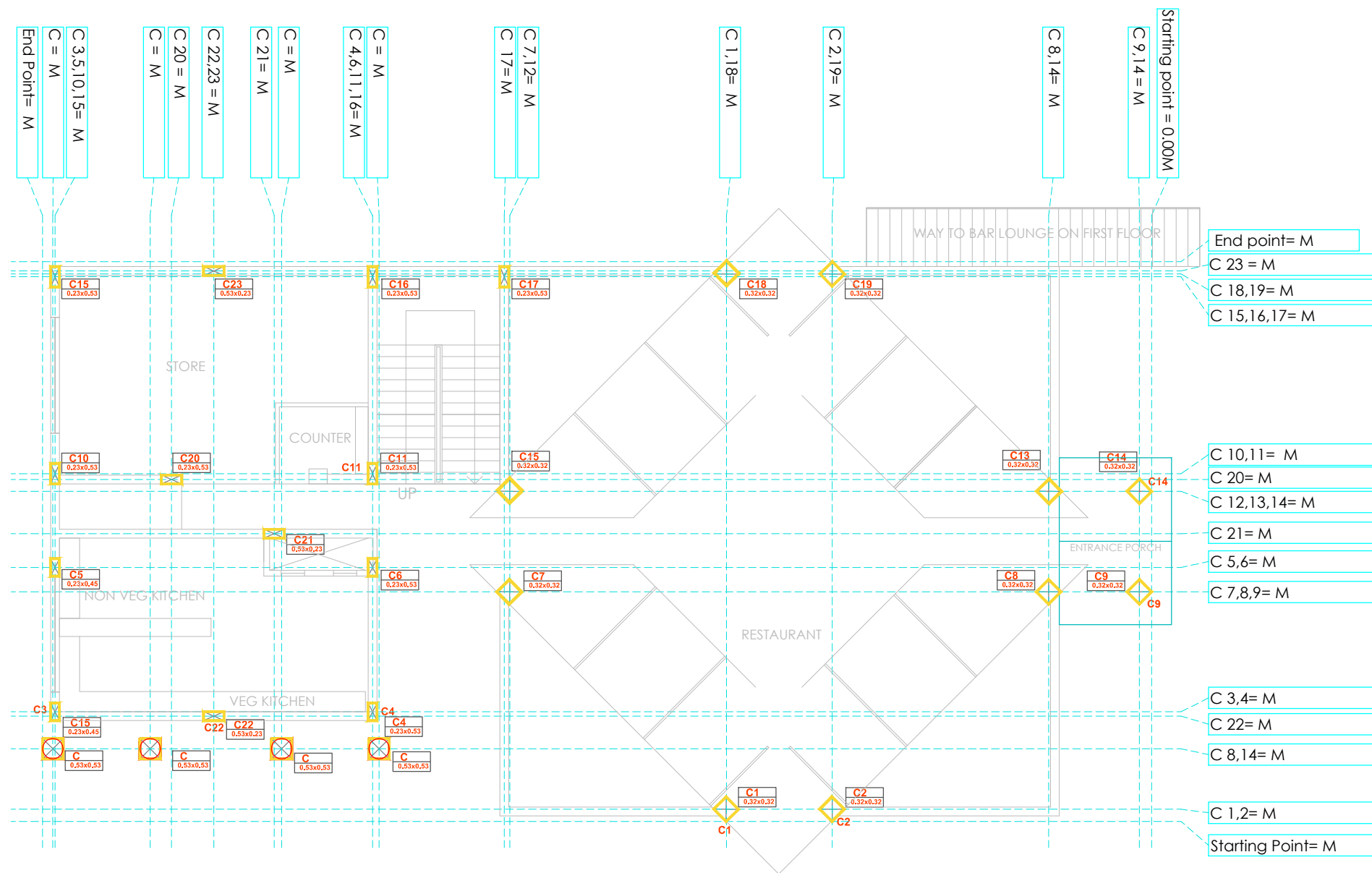


**FIRST FLOOR PLAN
FLOORING DETAILS
SCALE-1:100**

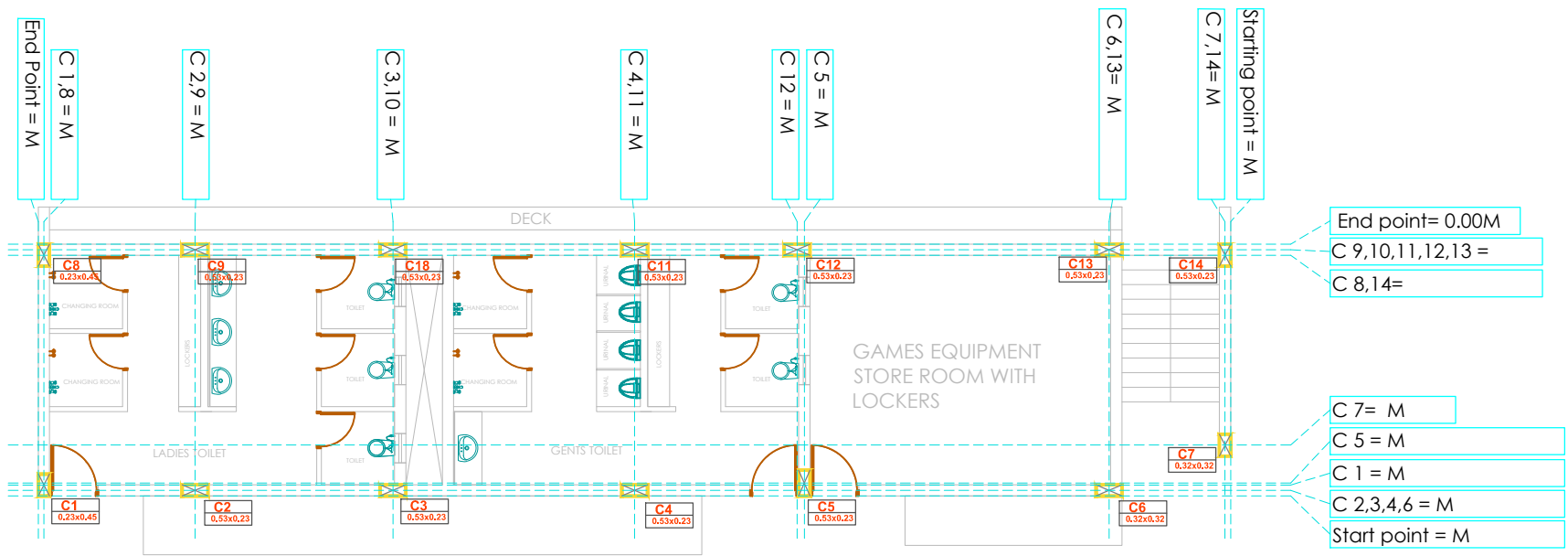
LOBBY, STAIRS, REAR, SLOPING (100MM HIGH) IN KITCHEN FROM 800 X 600 X 250MM THE EDGE FLOORING TO BE DONE FOR ALL STAIRS NOTING
 300 x 300 x 10 mm thick vitrified tiles in traffic from
 20 mm thickness size polished kashmiri for ota
 vitrified tiles 600x600x10mm mark johnson nesco

	OFFICERS CLUB (PRESIDENT; HON. COLLECTOR, LATUR DISTRICT)
TITLE OF THE PROJECT	PROPOSED OFFICERS CLUB, LATUR
DRAWN	CHECKED : KK
SCALE	DATE:
	 Bedre Arcade, ground floor, Behind Sushma Hotel, Shivaji Chowk, Latur-413512, Maharashtra. Tel: +91 2382 246105 Email: kk@spacemagic.in/Vish@spacemagic.in

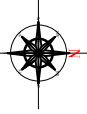

ARCHITECTS:
 KRISHNAKUMAR BANGAD
 FIA, COA, FIV, IIID
 CA/2004/32977

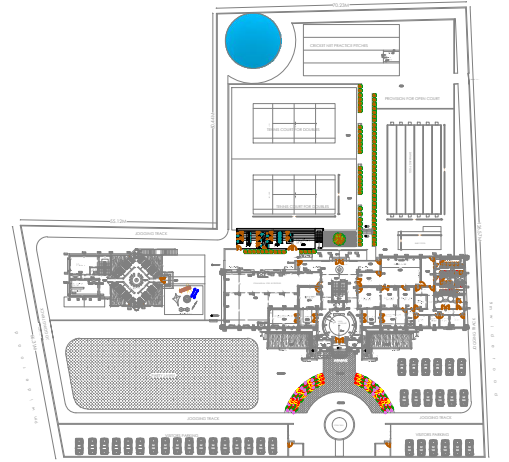


RESTAURANT CENTRE LINE PLAN



TOILET CENTRE LINE PLAN

SHEET NO:		BUILDING TYPE- RESTAURANT, TOILET	
RESTAURANT AND TOILET BLOCK			
TITLE: CENTRE LINE PLAN			
SPECIFICATIONS:			
OFFICERS CLUB (PRESIDENT; HON. COLLECTOR, LATUR DISTRICT)			
TITLE OF THE PROJECT		PROPOSED OFFICERS CLUB, LATUR	
DRAWN		DD	CHECKED : KK
SCALE		DATE:	
			
<small>Bedre Arcade, ground floor, Behind Sushma Hotel, Shivaji Chowk, Latur-413512, Maharashtra, Tel: +91 2382 246105 Email: kk@spacemagic.in/Vish/www.spacemagic.in</small>			
ARCHITECTS: KRISHNAKUMAR BANGAD FIIA, COA, FIV, IIID CA/2004/32977			
THIS IS A PRESENTATION DRAWING IT MAY BE MODIFIED DURING EXECUTION			



SITE PLAN
SCALE-1:1500

- VITRIFIED RUSTIC TILE 600X600X10MM
MAKE JOHNSON/ NITCO
- 300 x 300 x 10 mm thick
Antiskid vitrified tile in rustic finish

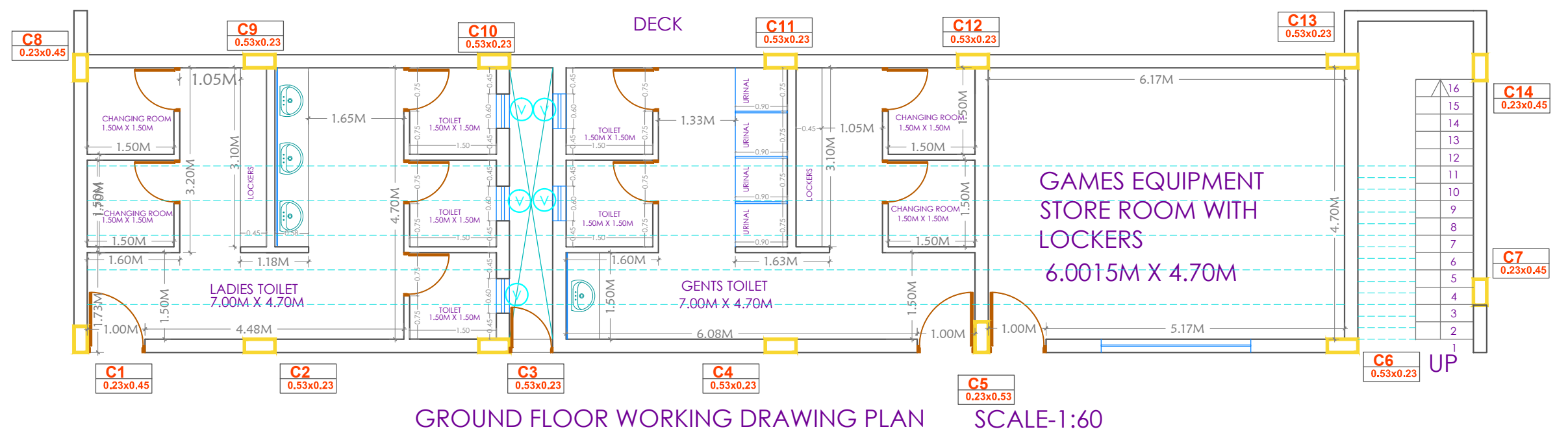
OFFICERS CLUB
(PRESIDENT; HON.
COLLECTOR, LATUR DISTRICT)

TITLE OF THE PROJECT: PROPOSED OFFICERS CLUB, LATUR

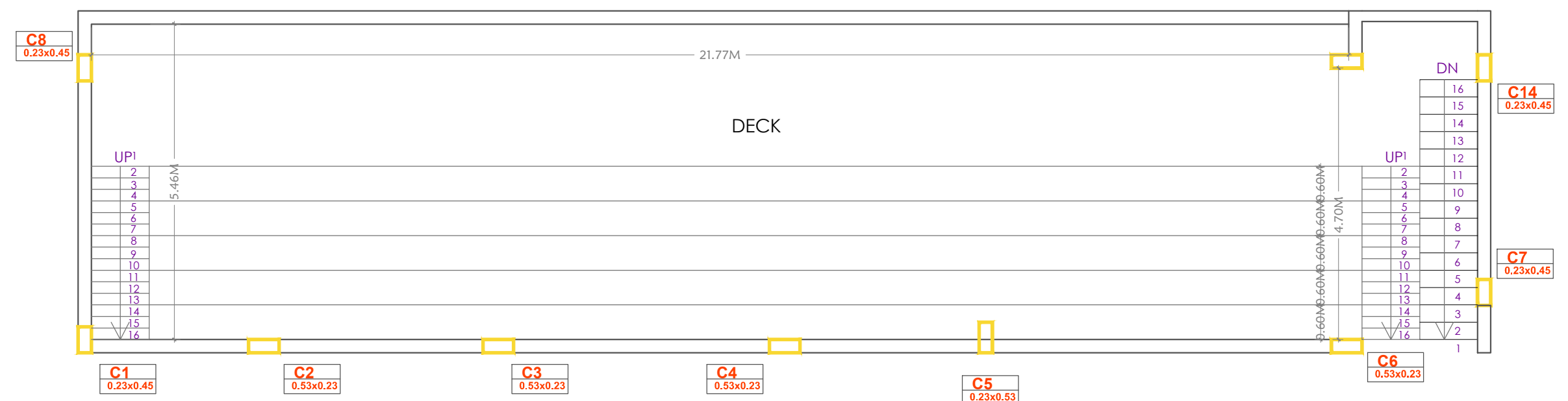
DRAWN: _____ CHECKED: KK
SCALE: _____ DATE: _____

Space Magic consultants
Bedre Arcade, ground floor, Behind Sushma Hotel, Shivaji Chowk,
Latur-413512, Maharashtra,
Tel: +91 2382 246105 Email: kk@spacemagic.in / www.spacemagic.in

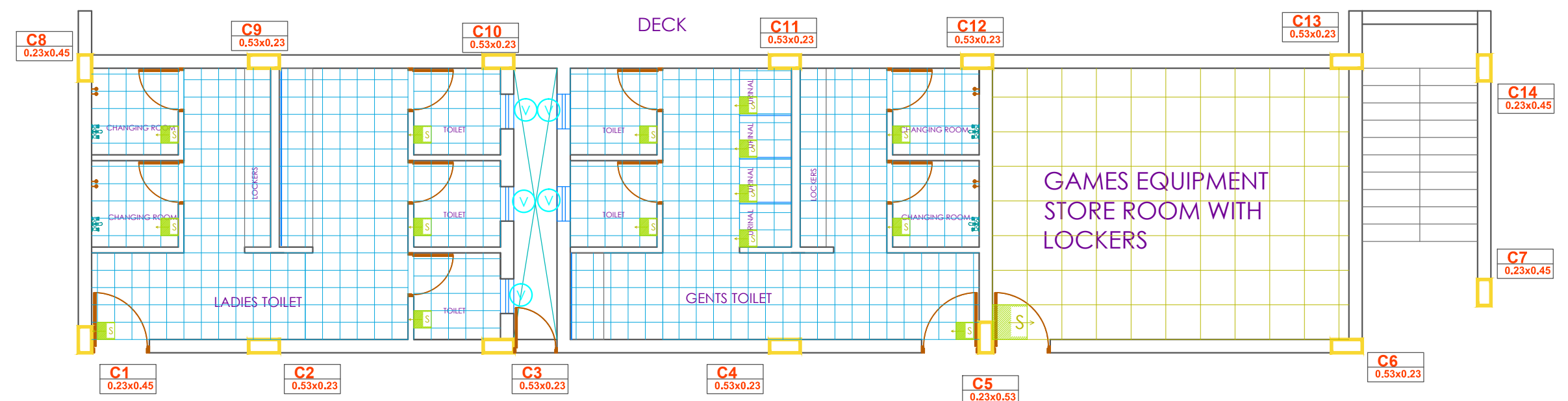
ARCHITECTS:
KRISHNAKUMAR BANGAD
FIIA, COA, FIV, IIID
CA/2004/32977



GROUND FLOOR WORKING DRAWING PLAN SCALE-1:60

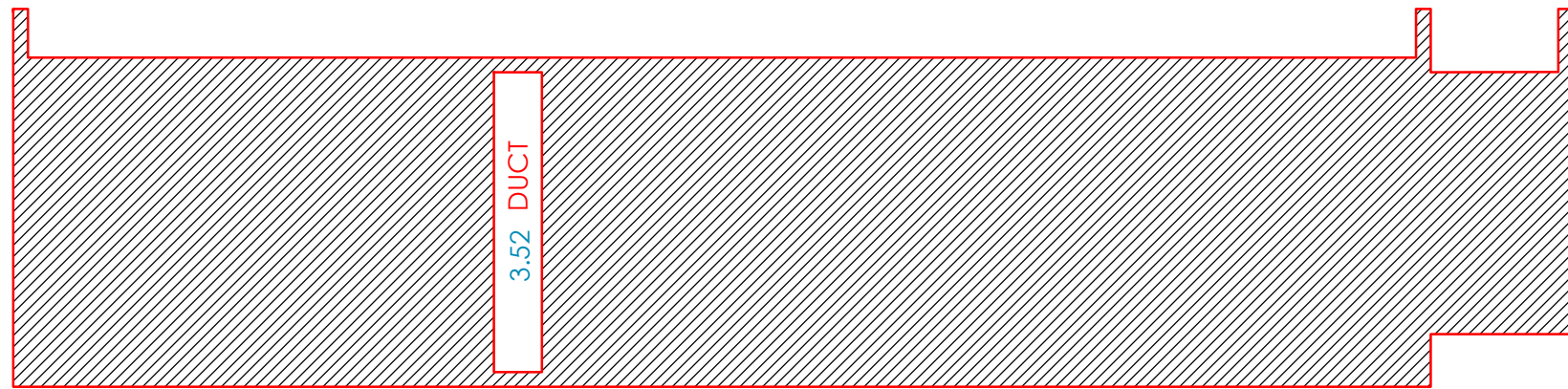


TERRACE FLOOR PLAN SCALE-1:60



TOILET BLOCK FLOORING DETAIL SCALE-1:60

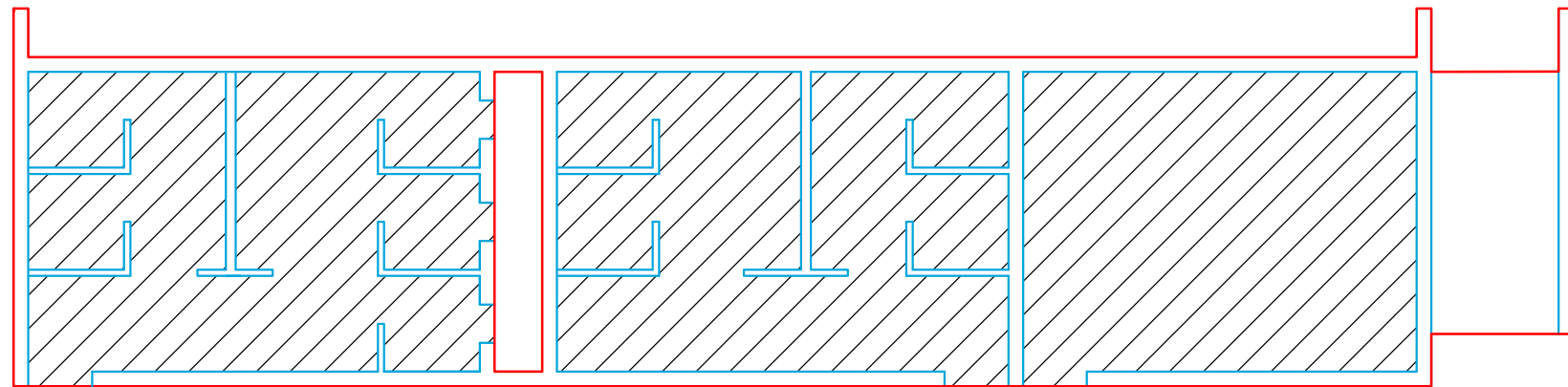
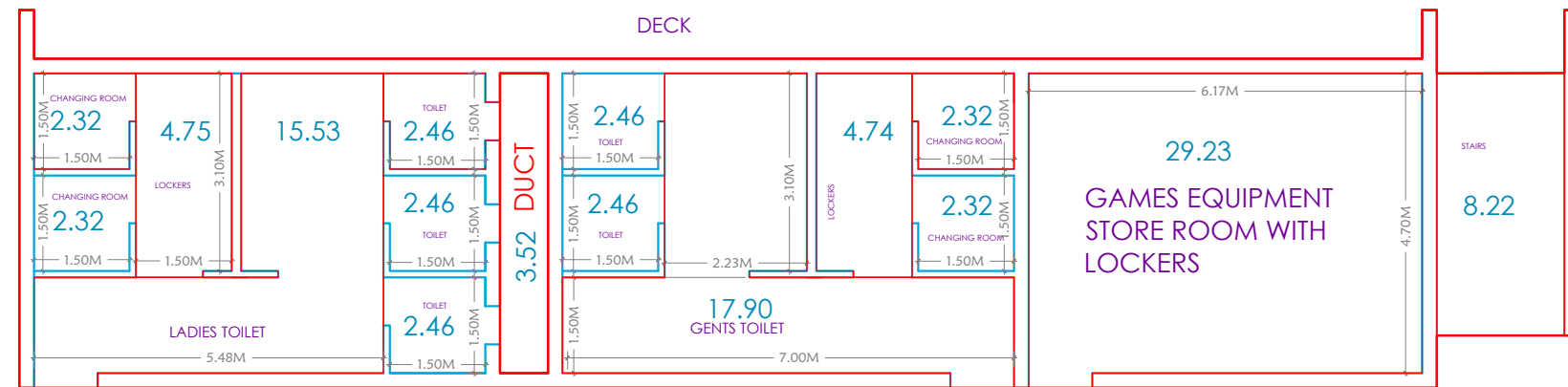
BUILT UP AREA



GROUND FLOOR PLAN

SCALE-1:80

CARPET AREA



GROUND FLOOR PLAN

SCALE-1:80

BUILT UP AREA GROUND FLOOR PLAN

BUILT UP AREA STATEMENT		UNIT
BUILT UP AREA GROUND FLOOR	124.45	SQ.MT.
DEDUCTIONS		
DUCT	3.52	SQ.MT.
TOTAL DEDUCTIONS	3.52	SQ.MT.
BUILT-UP AREA STATEMENT CORRESPONDING CARPET AREA INCLUDING STAIRCASE,LIFTS		
TOTAL BUILT-UP AREA	120.93	SQ.MT.

CARPET AREA GROUND FLOOR PLAN

NAME OF AREA	NO.	SIZES	AREA	UNIT
TOILET 1				
LADIES TOILET				
PASSAGE			15.53	
CHANGING ROOMS	2	1.50 X 1.50	2X2.32=4.64	SQMT
LOCKERS	1	1.50 X 3.10	4.75	SQMT
SHOWER AREA				
TOILET	3	1.50 X 1.50	3 X2.46=7.38	SQMT
GENTS TOILET				
PASSAGE			22.64	
CHANGING ROOMS	2	1.50 X 1.50	2X2.32=4.64	SQMT
LOCKERS	1	1.50 X 3.10	4.74	SQMT
TOILET	2	1.50 X 1.50	2 X2.46=4.92	SQMT
GAMES EQUIPMENT		29.23	29.23	SQMT
TOTAL CARPET AREA			98.47	SQMT

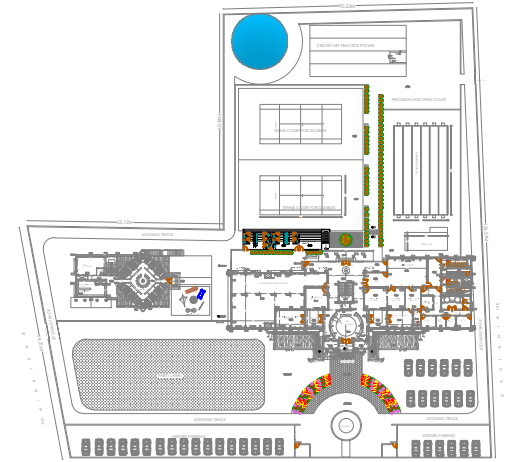
SHEET NO:

BUILDING TYPE-
TOILET BLOCK

GROUND FLOOR TOILET BLOCK

TITLE: BUILT UP AREA & CARPET AREA

SPECIFICATIONS:



SITE PLAN
SCALE-1:1500



OFFICERS CLUB
(PRESIDENT; HON.
COLLECTOR,LATUR DISTRICT)

TITLE
OF THE
PROJECT

PROPOSED OFFICERS CLUB, LATUR

DRAWN

CHECKED : KK

SCALE

DATE:



Space Magic consultants

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ARCHITECTS:
KRISHNAKUMAR BANGAD
FIIA, COA, FIV, IIID
CA/2004/32977

SHEET NO:

BUILDING TYPE-
TOILET BLOCK

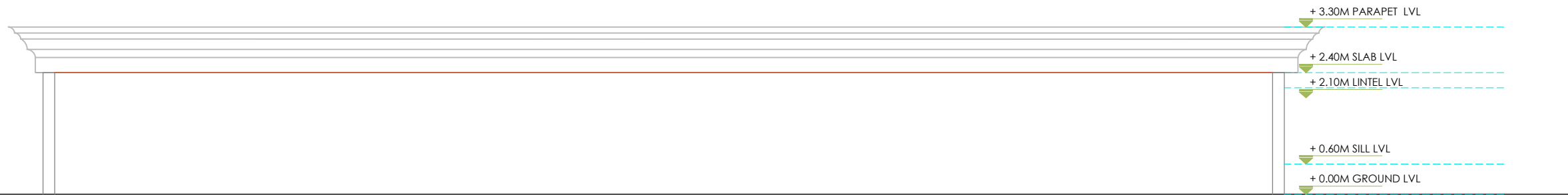
ELEVATION-1

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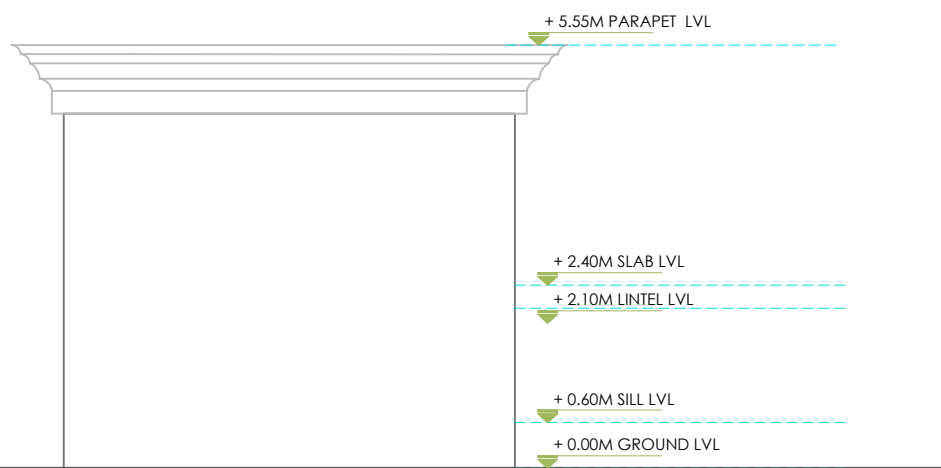
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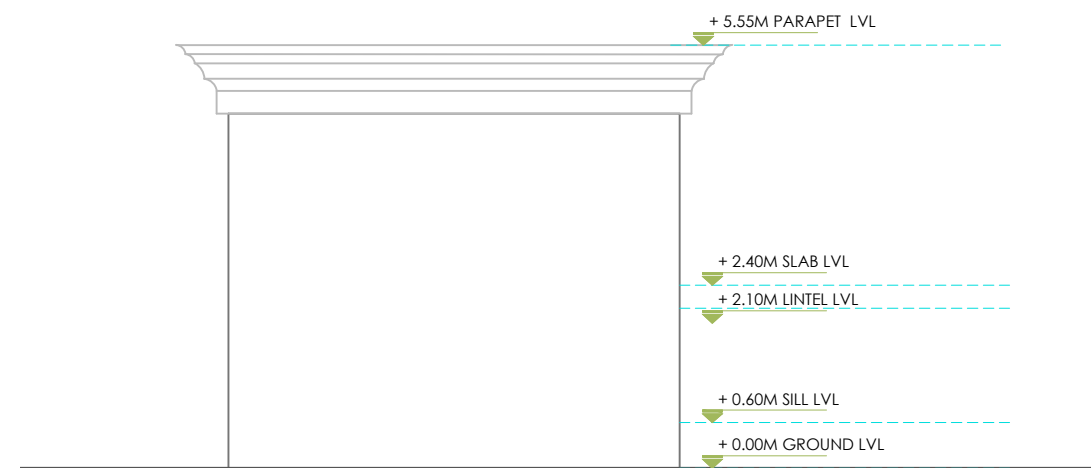
FRONT ELEVATION
SCALE-1:70



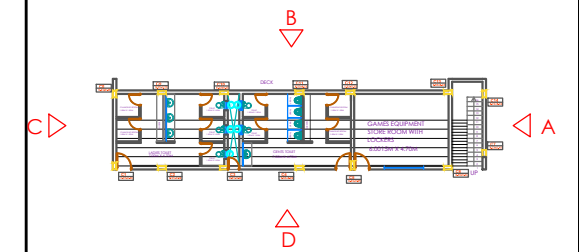
BACK ELEVATION
SCALE-1:70



SIDE ELEVATION
SCALE-1:70



SIDE ELEVATION
SCALE-1:70



SITE PLAN
SCALE-1:350

	OFFICERS CLUB (PRESIDENT; HON. COLLECTOR, LATUR DISTRICT)
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TITLE OF THE PROJECT	PROPOSED OFFICERS CLUB, LATUR
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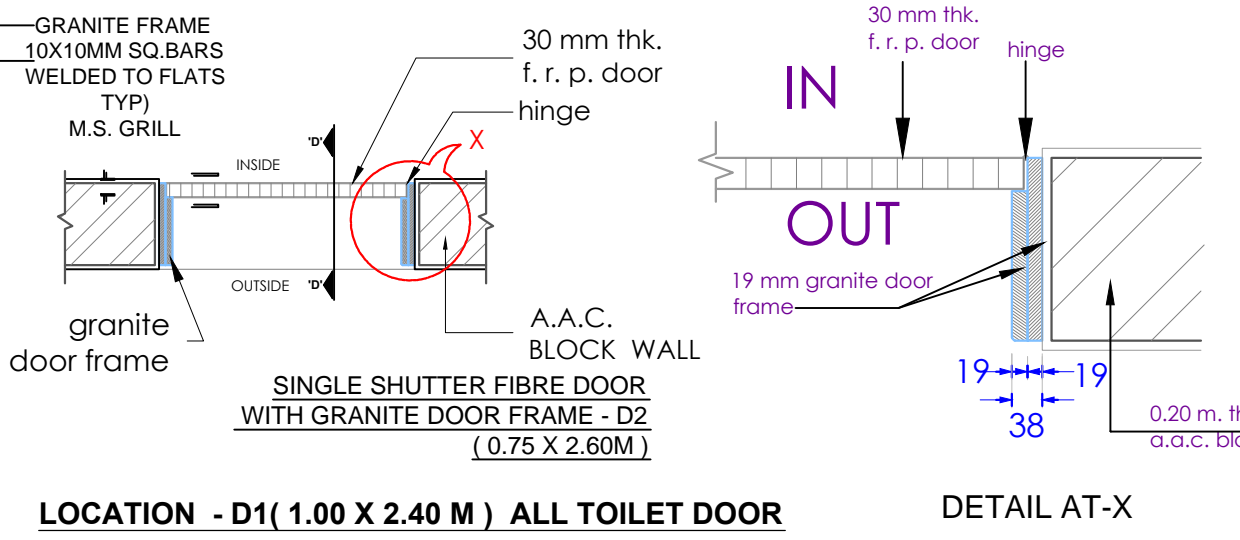
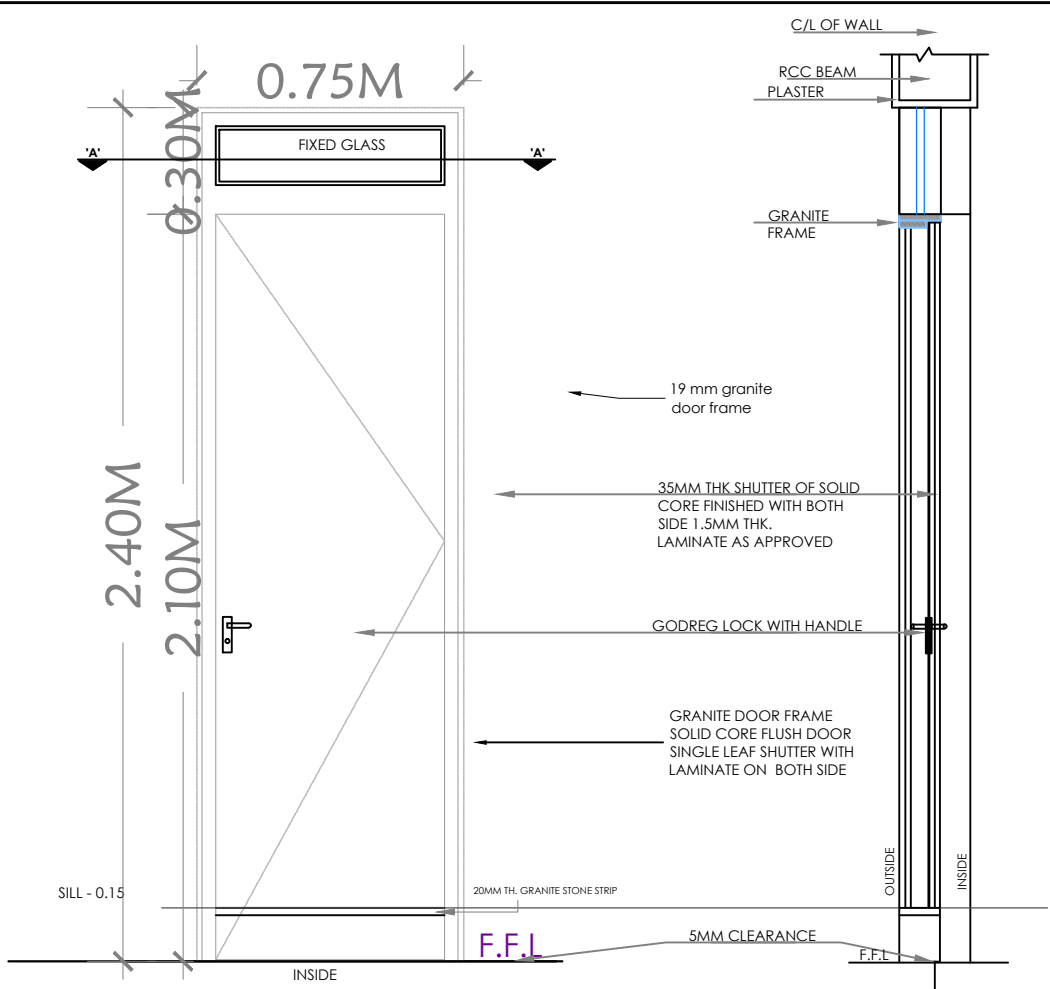
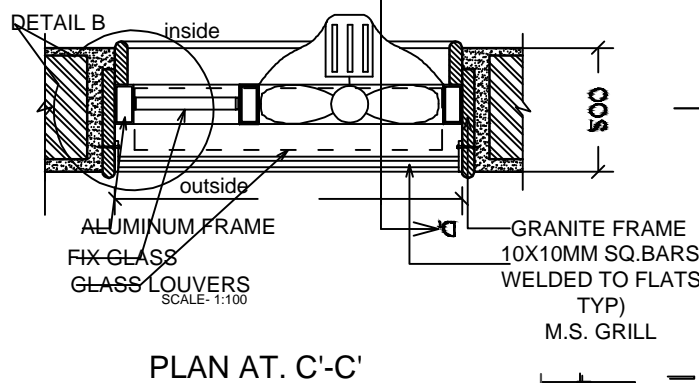
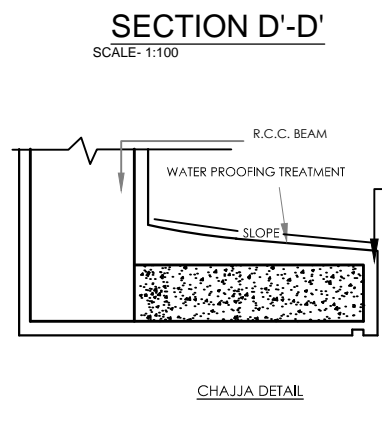
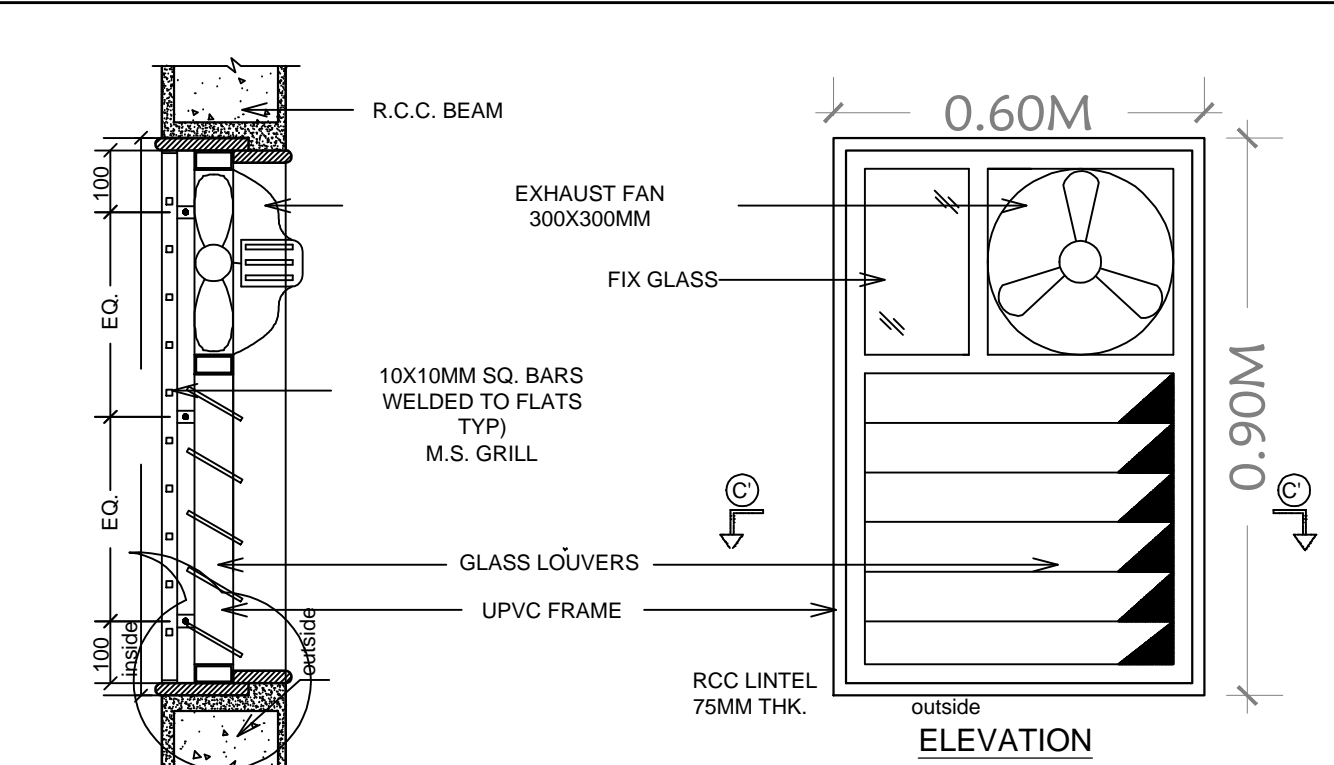
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SCALE	DATE:

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--	-----------------------------------------------------------------------------------------------------------------------------------------------------------------------

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S.R.	NAME	SIZE	TOTAL	SILL@	LINTEL@	LOCATION	SPECIFICATION(S)(refer details)
1	V	0.60X0.90	5	1.50 M	2.40M	TOILET	GLASS LOUVERS

WINDOW SCHEDULE



S.NO	NAME	SIZE	SILL LVL	LINTEL LVL	SPECIFICATION
1	V	0.60M X 0.90M	1.50M	2.40 M	POWDER COATED UPVC FIXED PANNEL WITH ADJUSTABLE LOUVERS VENTILATORS AND M.S. GRILLS

ANODIZED ALUMINUM LOUVERED VENTILATORS WITH M.S. GRILL AND EXHAUST FAN VENTILATORS - V = 0.60M X 0.9M.

**LOCATION - D1 (1.00 X 2.40 M) ALL TOILET DOOR
D2 (0.75 X 2.40 M) ALL TOILET DOOR**

S.NO	NAME	SIZE	LINTEL LVL	SPECIFICATION	HINGE	TOWER BOLT	TADIPATI	HANDLE	ALDROP
1	D1	1.00MX2.40M	2.40	DOOR FRAME OF BLACK GRANITE WITH FULL BULLNOSING INSTALLED WITH SKILLED LABOUR WITH ARALDITE AS APPROVED 32 MM THK SOLID CORE FLUSH DOOR OF WATERPROOF GRADE WITH LAMINATE OF BOTH SIDES OF WENGE DESIGN	THREE HINGES OF 0.125M HEAVY DUTY CHROME PLATED	0.20 M LONG HEAVY DUTY CROME PLATED ONE TOWERBOLT INTERNALLY	0.20 M LONG HEAVY DUTY M.S CROME PLATED INTERNALLY	0.15 M LONGHEAVY DUTY M.S CROME PLATED EXTERNALSIDE & INTERNAL SIDE BOTH	0.30 M LONG HEAVY DUTY M.S CHROME PLATED EXTERNAL SIDE
2	D2	0.75MX2.40M	2.40	DOOR FRAME OF BLACK GRANITE WITH FULL BULLNOSING INSTALLED WITH SKILLED LABOUR WITH ARALDITE AS APPROVED 32 MM THK SOLID CORE FLUSH DOOR OF WATERPROOF GRADE WITH LAMINATE OF BOTH SIDES OF WENGE DESIGN	THREE HINGES OF 0.125M HEAVY DUTY CHROME PLATED	0.20 M LONG HEAVY DUTY CROME PLATED ONE TOWERBOLT INTERNALLY	0.20 M LONG HEAVY DUTY M.S CROME PLATED INTERNALLY	0.15 M LONGHEAVY DUTY M.S CROME PLATED EXTERNALSIDE & INTERNAL SIDE BOTH	0.30 M LONG HEAVY DUTY M.S CHROME PLATED EXTERNAL SIDE

OFFICERS CLUB
(PRESIDENT; HON. COLLECTOR, LATUR DISTRICT)

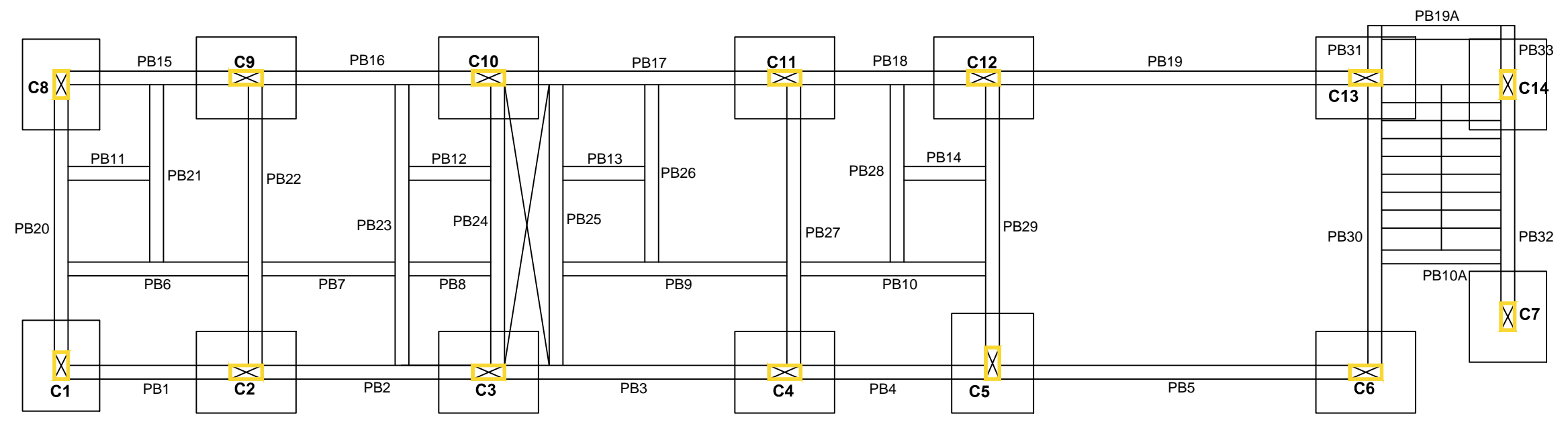
TITLE OF THE PROJECT: PROPOSED OFFICERS CLUB, LATUR

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SCALE: _____ DATE: _____

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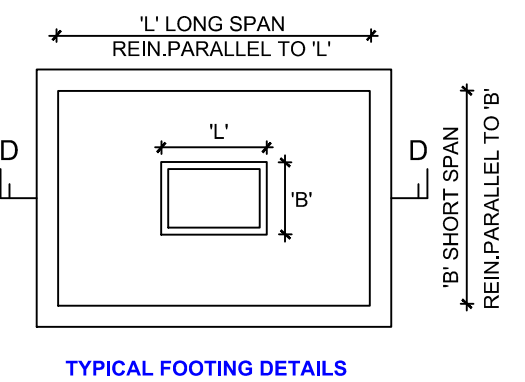
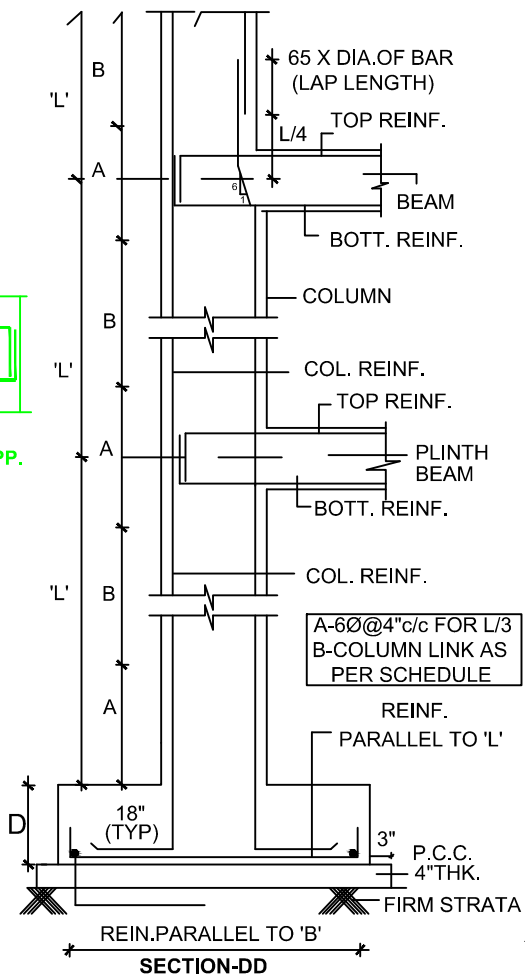
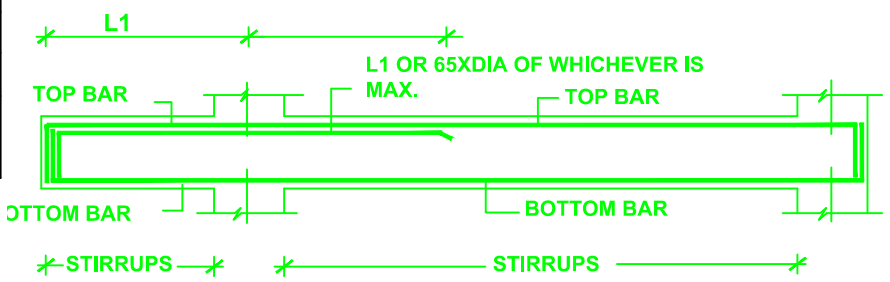
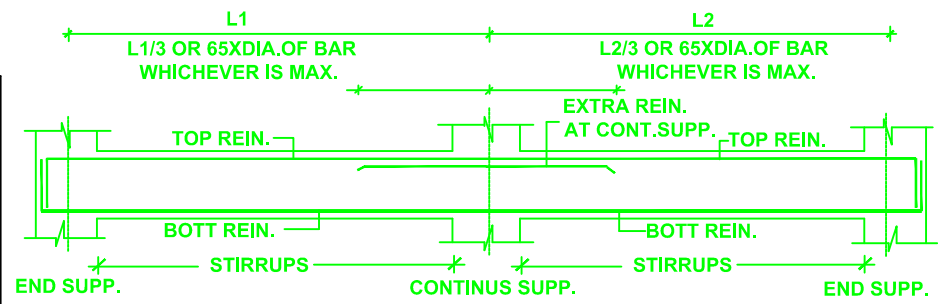
ARCHITECTS:
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FIIA, COA, FIV, IIND
CA/2004/32977



FOUNDATION PLAN SCALE-1:60

COLUMN & FOOTING SCHEDULE

FOOTING TOP TO FIRST FLOOR		
FOOTING SIZE(LXB)	5'0"X4'3"	5'6"X4'6"
D	18"	18"
REIN.PARALLEL TO 'L'	11-T10	12-T10
REIN.PARALLEL TO 'B'	13-T10	15-T10
P.C.C	5'6"X4'9"X0'4"	6'0"X5'0"X0'4"
COLUMN MKD.	C1,C7,C8,C14	C2,C3,C4,C5, C6,C9 C10,C11,C12,C13



- NOTE:**
- DO NOT SCALE THE DRAWING
 - CONCRETE GRADE SHALL BE M20
 - 'T' INDICATES TOR STEEL OF GRADE Fe 500
 - 'Ø' INDICATES MILD STEEL OF GRADE Fe 250 N/mm²
 - SBC OF SOIL ASSUMED AS 30 T/m² • CLEAR COVER TO MAIN REIN.
 - FOOTING 40mm, COLUMN 25mm • BEAM 35mm, SLAB 20mm
 - ALL REIN. SHALL BE BENT UP AS SHOWN TO SATISFY THE DEVELOPMENT LENGTH CRITERIA AS PER 465/2000 (FOR DEVELOPMENT LENGTH REFER SECT-DD)
 - MINIMUM CEMENT CONTENT & MAXIMUM W/C RATIO USED FOR FOUNDATION CONCRETE SHOULD BE AS PER CLAUSE 1.2, 8.2, 4.1, 9.1.2 (TABLE-5) OF IS-456-2000
 - IF THERE ANY DEVIATION, REFERENCE SHALL BE MADE TO THIS OFFICE BEFORE EXECUTION

DESHUTTERING PERIOD			
SPAN IN M	UP TO 4.5 M	ABOVE 4.5 M	ABOVE 6.0 M
SLAB	7 DAYS	14 DAYS	14 DAYS
BEAM	14 DAYS	21 DAYS	21 DAYS

STRUCTURAL CONSULTANT

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 BEHIND BHAGWAT PETROL PUMP, SOLAPUR-413001
 CELL. 9423589358 Email-sanjay_jathade@rediffmail.com

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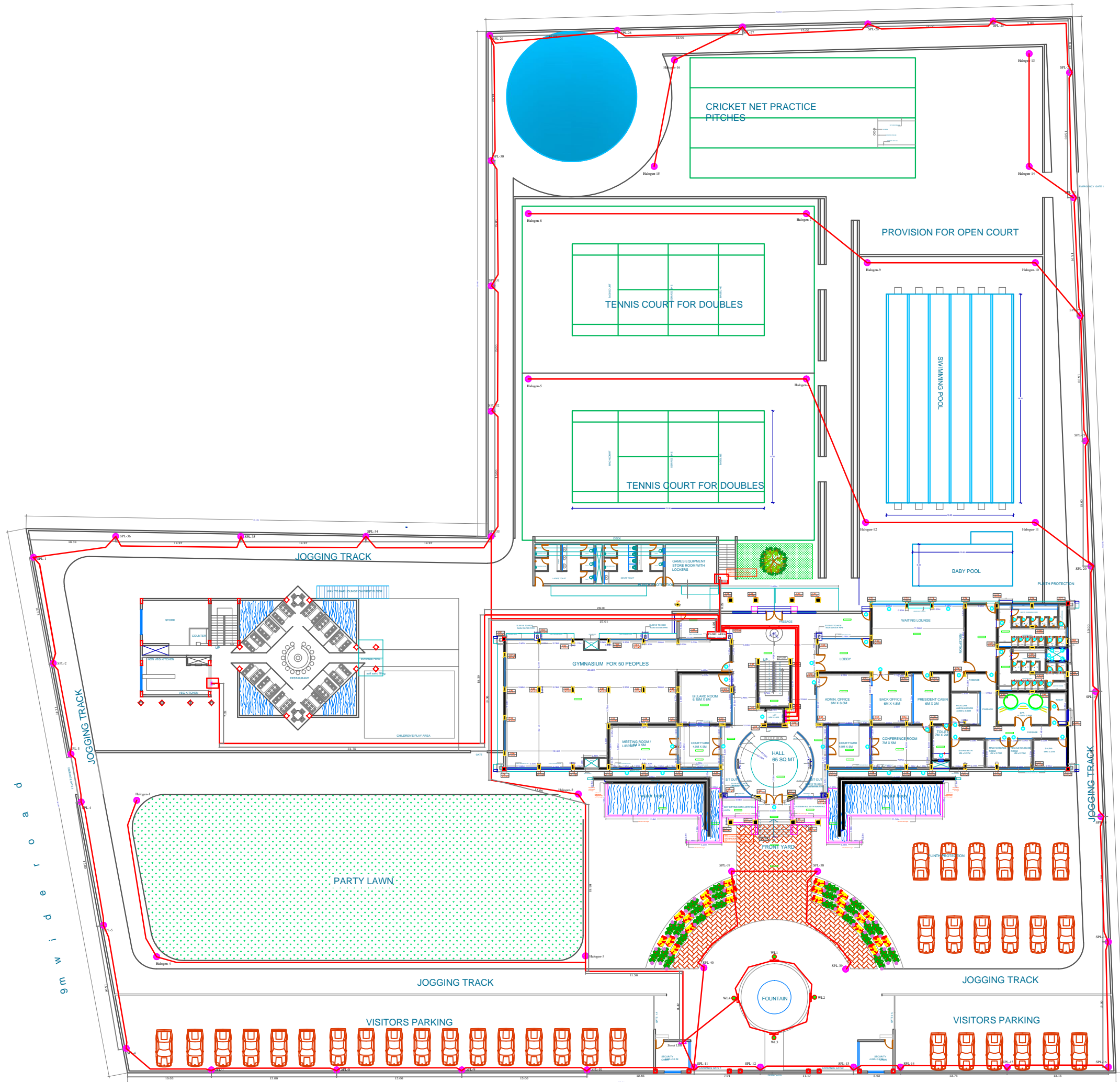
TITLE OF THE PROJECT
 PROPOSED OFFICERS CLUB, LATUR

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 SCALE: _____ DATE: _____

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 CA/2004/32977



SHEET NO:13
 TITLE:
 WORKING DRAWING_
 ELECTRICAL DETAILING
 SPECIFICATIONS:

OFFCIERS CLUB
 Hon Collectors,Latur,District.

TITLE OF THE PROJECT
 PROPOSED CONSTRUCTION OF OFFICERS CLUB

DRAWN
 PRIYA
 CHECKED : KK

SCALE
 MT
 DATE:12.09.2018

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 E-mail- desire_engineering@outlook.com

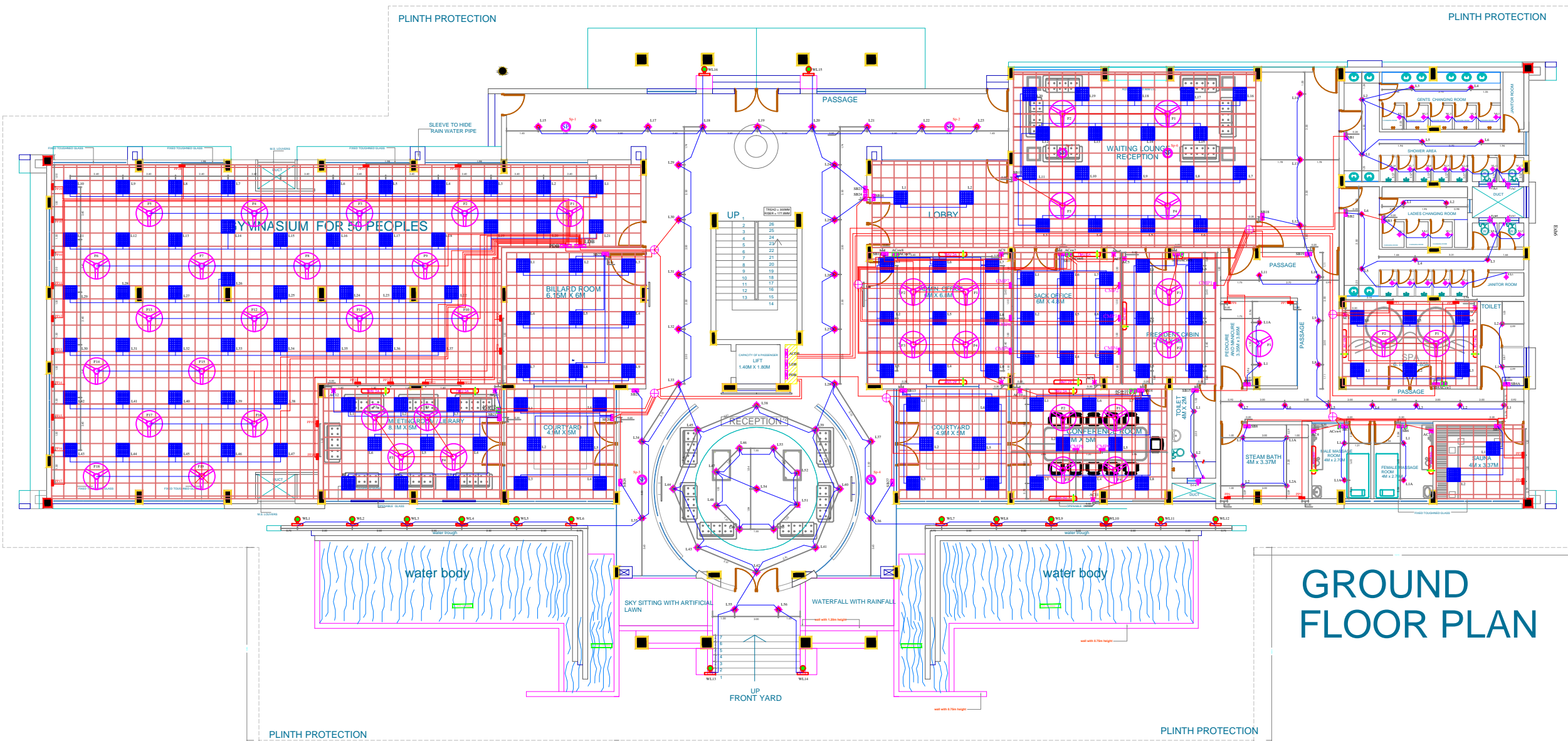
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SHEET NO:01

TITLE:
WORKING DRAWING_
GROUND FLOOR ELECTRICAL

SPECIFICATIONS:

1	WALL LIGHT POINT	
2	SWITCH BOARD WITH HALF POINT	
3	CEILING FAN	
4	SOCKET OUTLET FOR TV CABLE/ANTENA	
5	1-5 AMP Point 1-15 AMP Point	
6	CEILING LIGHT POINT	
7	20A SOCKET OUTLET FOR AC.	
8	EXHAUST FAN	
9	CEILING ROSE	
10	BZ : BELL BUZZER	
11	BELL PUSH	
12	DISTRIBUTION BOARD	
13	20A/6A Switch Point FOR AC.	
14	25mm CONDUIT.	
15	Low Voltage CONDUIT.	
16	Split Unit-AC	AC UNIT
17	2-5 AMP Point 1-15 AMP Point 1-Tel Point 1-Lan Point	
18	Tube Light	



GROUND FLOOR PLAN

OFFICIERS CLUB
Hon Collectors, Latur, District.

TITLE OF THE PROJECT: PROPOSED CONSTRUCTION OF OFFICIERS CLUB

DRAWN: PRIYA | CHECKED: KK
SCALE: MT | DATE: 12.09.2018

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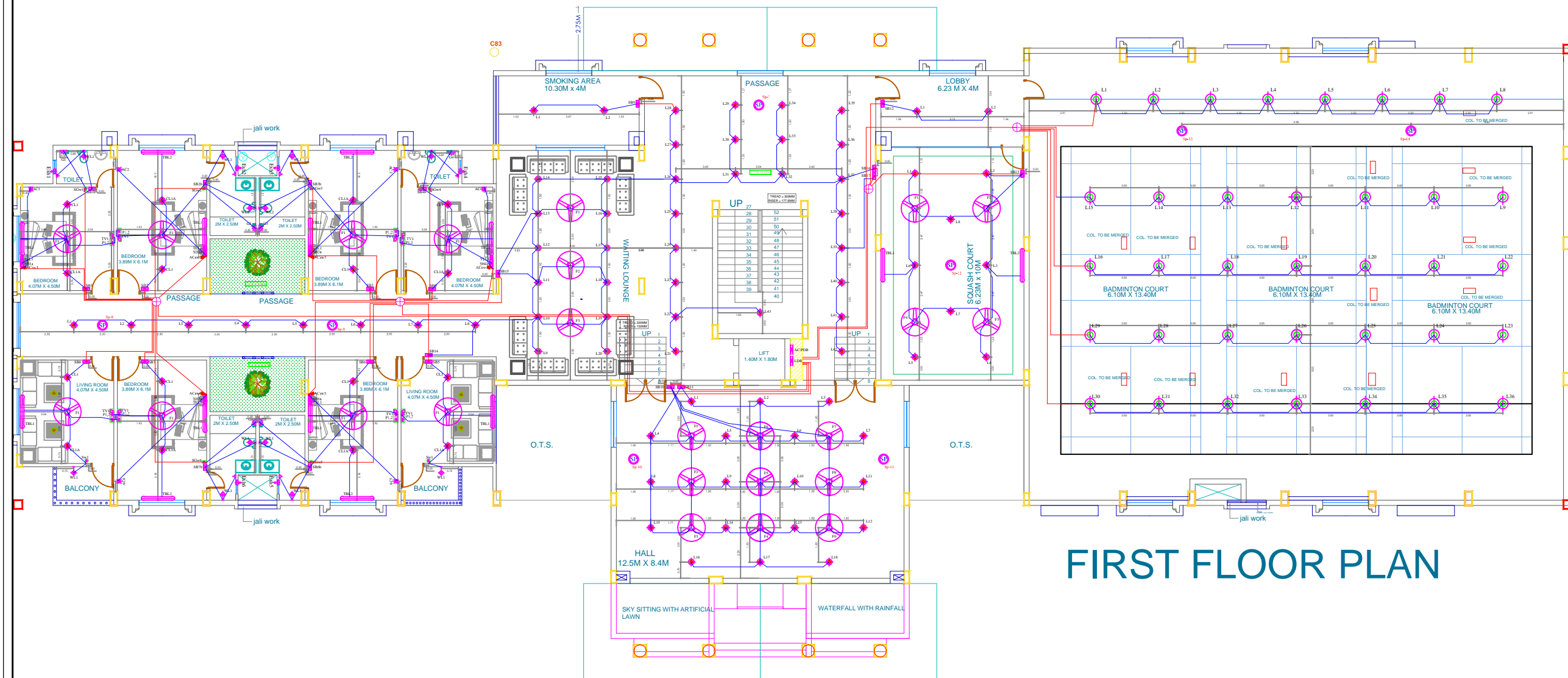
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SHEET NO:02

TITLE:
WORKING DRAWING_
1ST FLOOR ELECTRICAL

SPECIFICATIONS:

1	WALL LIGHT POINT	
2	SWITCH BOARD WITH HALF POINT	
3	CEILING FAN	
4	SOCKET OUTLET FOR TV CABLE/ANTENA	
5	1-5 AMP Point 1-15 AMP Point	
6	CEILING LIGHT POINT	
7	20A SOCKET OUTLET FOR AC.	
8	EXHAUST FAN	
9	CEILING ROSE	
10	BZ : BELL BUZZER	
11	BELL PUSH	
12	DISTRIBUTION BOARD	
13	20A/6A Switch Point FOR AC.	
14	25mm CONDUIT.	
15	Low Voltage CONDUIT.	
16	Split Unit-AC	
17	2-5 AMP Point 1-15 AMP Point 1-Tel Point 1-Lan Point	
18	Tube Light	



FIRST FLOOR PLAN

OFFICIERS CLUB
Hon Collectors, Latur, District.

TITLE OF THE PROJECT: PROPOSED CONSTRUCTION OF OFFICIERS CLUB

DRAWN: PRIYA | CHECKED: KK
SCALE: MT | DATE: 12.09.2018

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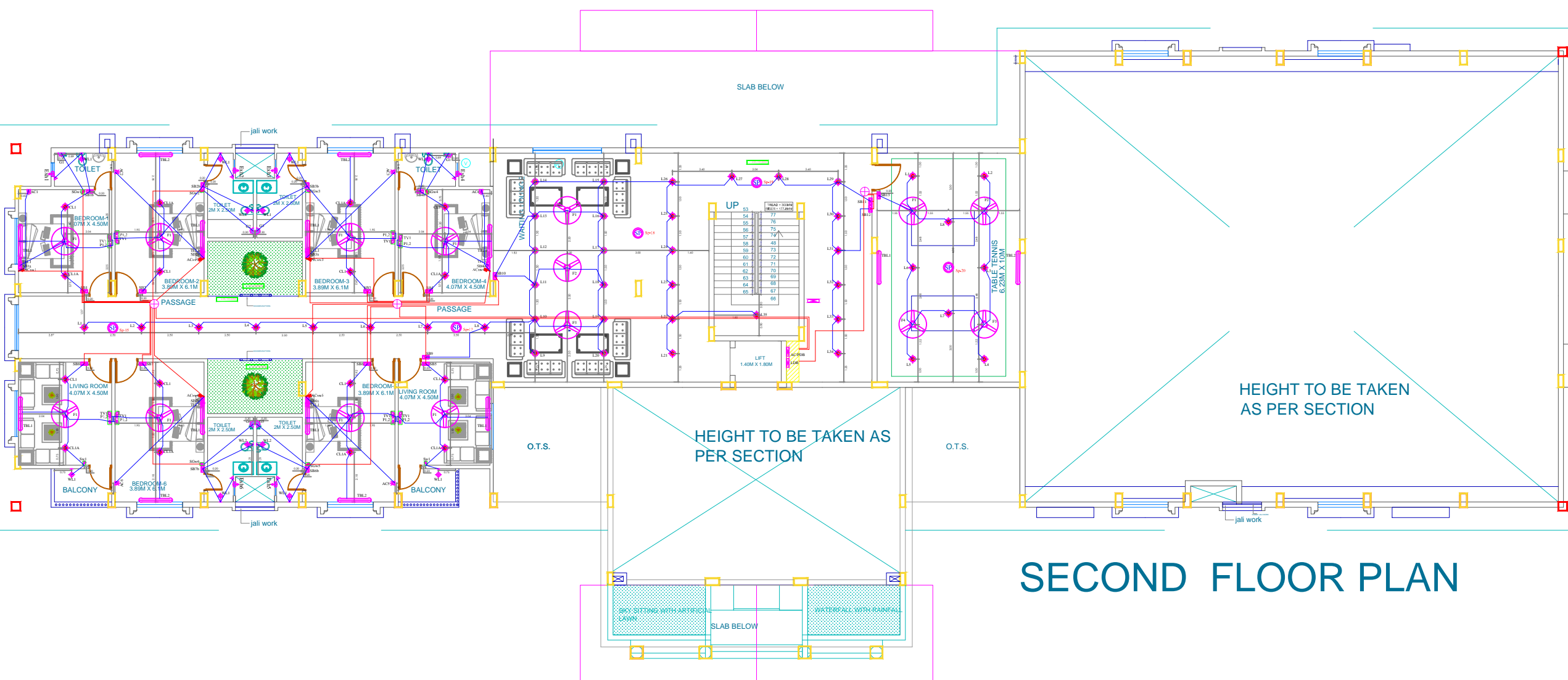
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SHEET NO:03

TITLE:
WORKING DRAWING_
2nd FLOOR ELECTRICAL

SPECIFICATIONS:

1	WALL LIGHT POINT	
2	SWITCH BOARD WITH HALF POINT	
3	CEILING FAN	
4	SOCKET OUTLET FOR TV CABLE/ANTENA	
5	1-5 AMP Point 1-15 AMP Point	
6	CEILING LIGHT POINT	
7	20A SOCKET OUTLET FOR AC.	
8	EXHAUST FAN	
9	CEILING ROSE	
10	BZ : BELL BUZZER	
11	BELL PUSH	
12	DISTRIBUTION BOARD	
13	20A/6A Switch Point FOR AC.	
14	25mm CONDUIT.	
15	Low Voltage CONDUIT.	
16	Split Unit-AC	
17	2-5 AMP Point 1-15 AMP Point 1-Tel Point 1-Lan Point	
18	Tube Light	



SECOND FLOOR PLAN

OFFICIERS CLUB
Hon Collectors, Latur, District.

TITLE OF THE PROJECT: PROPOSED CONSTRUCTION OF OFFICIERS CLUB

DRAWN: PRIYA | CHECKED: KK
SCALE: MT | DATE: 12.09.2018

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SHEET NO:04

TITLE:
WORKING DRAWING_
Terrace FLOOR ELECTRICAL

SPECIFICATIONS:

1	WALL LIGHT POINT	
2	SWITCH BOARD WITH HALF POINT	
3	CEILING FAN	
4	SOCKET OUTLET FOR TV CABLE/ANTENA	
5	1-5 AMP Point 1-15 AMP Point	
6	CEILING LIGHT POINT	
7	20A SOCKET OUTLET FOR AC.	
8	EXHAUST FAN	
9	CEILING ROSE	
10	BZ : BELL BUZZER	
11	BELL PUSH	
12	DISTRIBUTION BOARD	
13	20A/6A Switch Point FOR AC.	
14	25mm CONDUIT.	
15	Low Voltage CONDUIT.	
16	Split Unit-AC	
17	2-5 AMP Point 1-15 AMP Point 1-Tel Point 1-Lan Point	
18	Tube Light	

OFFCIERS CLUB
Hon Collectors,Latur,District.

TITLE OF THE PROJECT
PROPOSED CONSTRUCTION OF OFFICERS CLUB

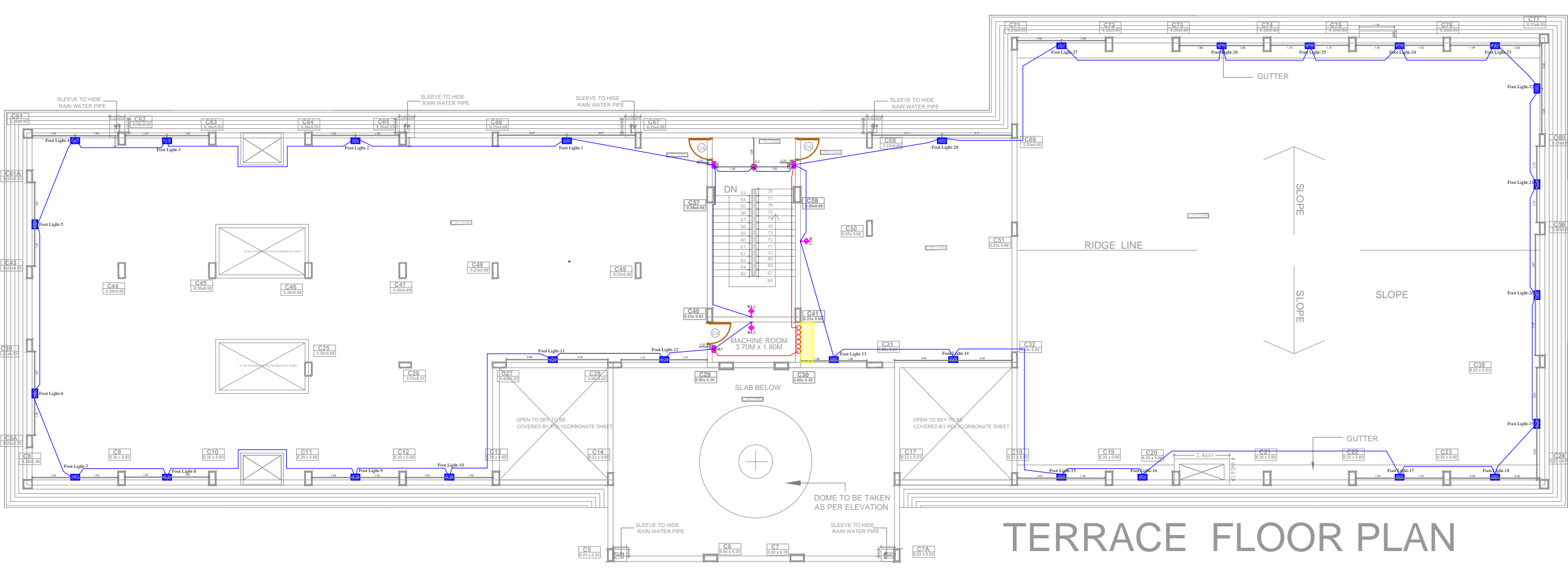
DRAWN: PRIYA
SCALE: MT
CHECKED: KK
DATE: 12.09.2018

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TERRACE FLOOR PLAN

SHEET NO:12

TITLE:
WORKING DRAWING_
ELECTRICAL DETAILING

SPECIFICATIONS:

	Switch Board	Water Body Light	Foot Light	Down Light	Led Panel Light	Ceiling Light	Ceiling Light	wall Light Toilet	Tube Light	Fan	Ac Point	5 amp	Exh	15 AMP	15 AMP	Tv Point	Lan Point	Tel Point
	SB			primary	primary	primary	Secondary		TL	CF	AC-1TON	P1	EX	GY	PP1	TV	Lan	TEL
	100	11	9	36	18	11	11	9	18	60	1200	100	35	750	750			
Toilet Block	3	0	0	0	0	27	0	1	0	2	0	0	5	0	0	0	0	0
Ground Floor_Resturant																		
Store	1	0	0	0	0	0	0	0	3	2	0	0	0	0	0	0	0	0
Counter	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
Kitchen	1	0	0	0	0	0	0	0	3	0	0	0	2	0	6	0	0	0
Passage	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
Resturant	2	0	0	0	0	0	0	0	13	6	3	0	0	0	0	0	0	0
1st Floor_Resturant																		
Kitchen	1	0	0	0	0	0	0	0	5	0	0	0	0	0	5	0	0	0
Toilet	1	0	0	0	0	4	0	3	0	0	0	0	2	0	0	0	0	0
Female Toilet	1	0	0	0	0	1	0	2	0	0	0	0	2	0	0	0	0	0
Passage	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0
Resturant	2	0	0	0	0	0	0	0	13	6	3	0	0	0	0	0	0	0
Terrace Floor_Resturant																		
	1	0	11	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0
Total Qty	13	0	11	0	0	32	0	7	47	16	6	0	11	0	11	0	0	0
Total Load	1300	0	99	0	0	352	0	63	846	960	7200	0	385	0	8250	0	0	0
	Sp pole	Water Body Light	Halogen															
External Street Light	40	4	16															



OFFCIERS CLUB
Hon Collectors,Latur,District.

TITLE OF THE PROJECT

PROPOSED CONSTRUCTION OF OFFICERS CLUB

DRAWN

PRIYA

CHECKED : KK

SCALE

MT

DATE:12.09.2018



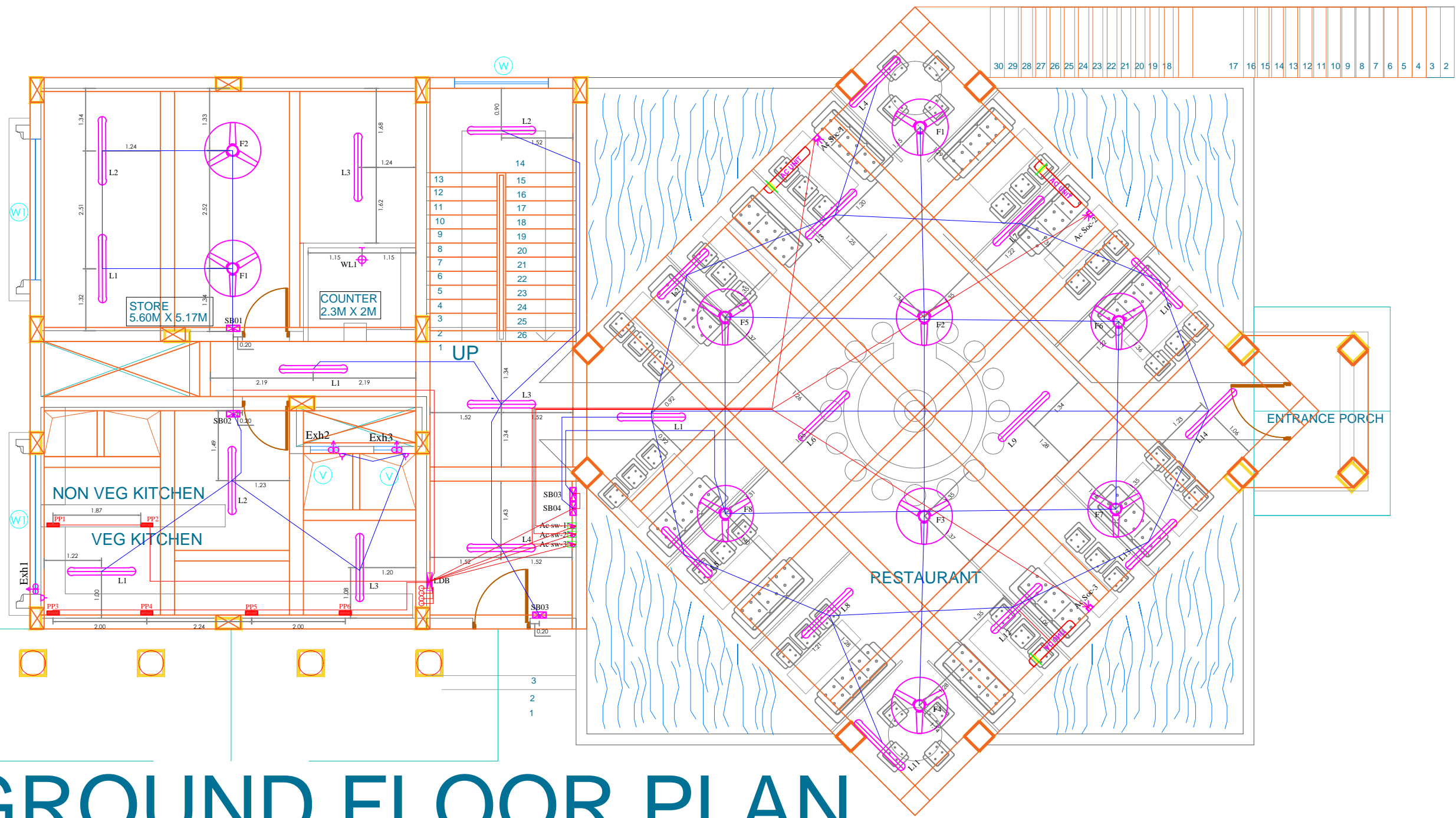
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ARCHITECTS:
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CA/2004/32977



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SHEET NO:09
 TITLE:
 WORKING DRAWING_
 ELECTRICAL RESTURANT GROUND
 SPECIFICATIONS:



GROUND FLOOR PLAN

OFFCIERS CLUB
 Hon Collectors,Latur,District.

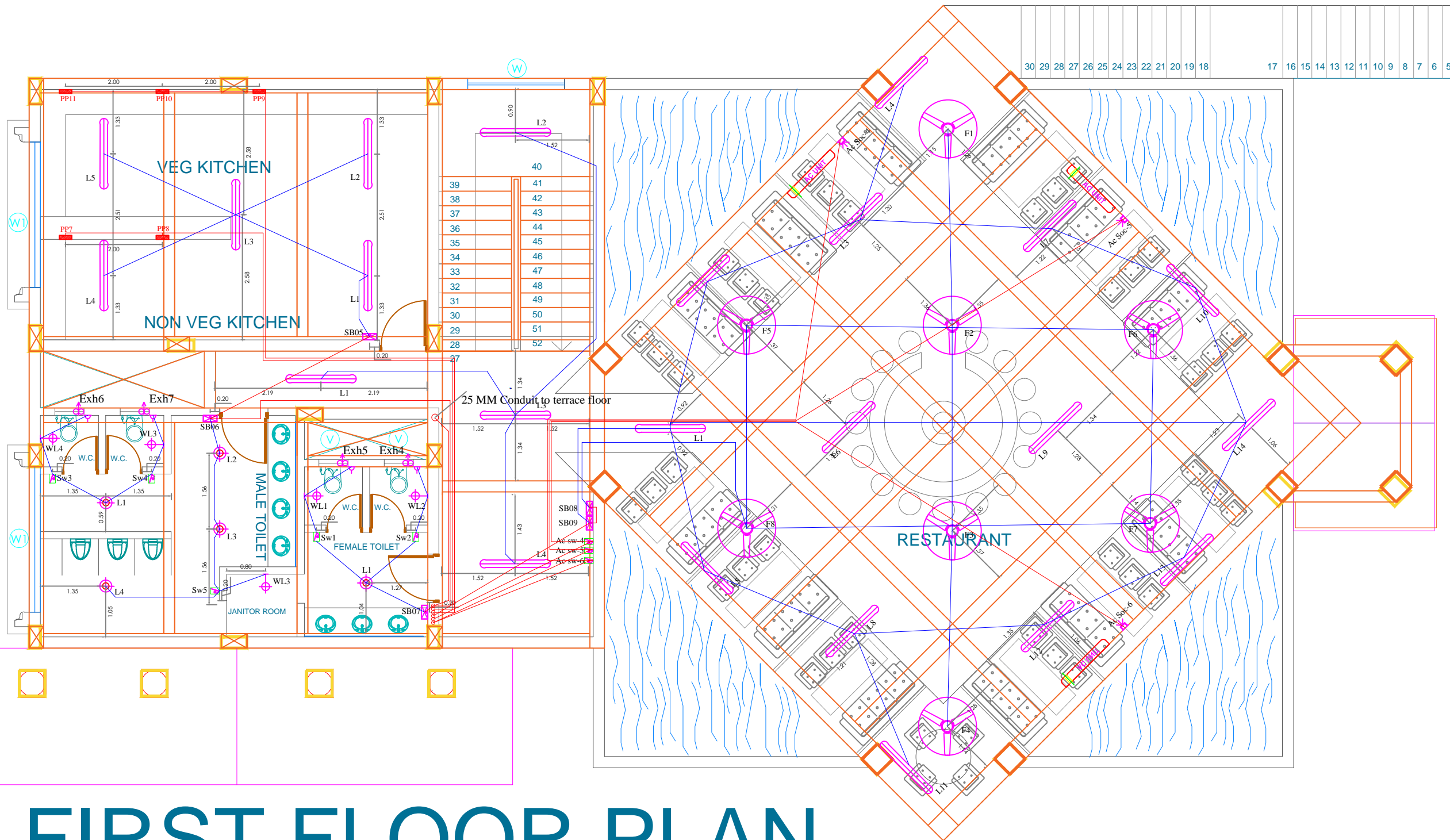
TITLE OF THE PROJECT
 PROPOSED CONSTRUCTION OF OFFICERS CLUB

DRAWN	PRIYA	CHECKED : KK
SCALE	MT	DATE:12.09.2018




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ARCHITECTS:
 KRISHNAKUMAR BANGAD
 FIA, COA, FIV, IIID
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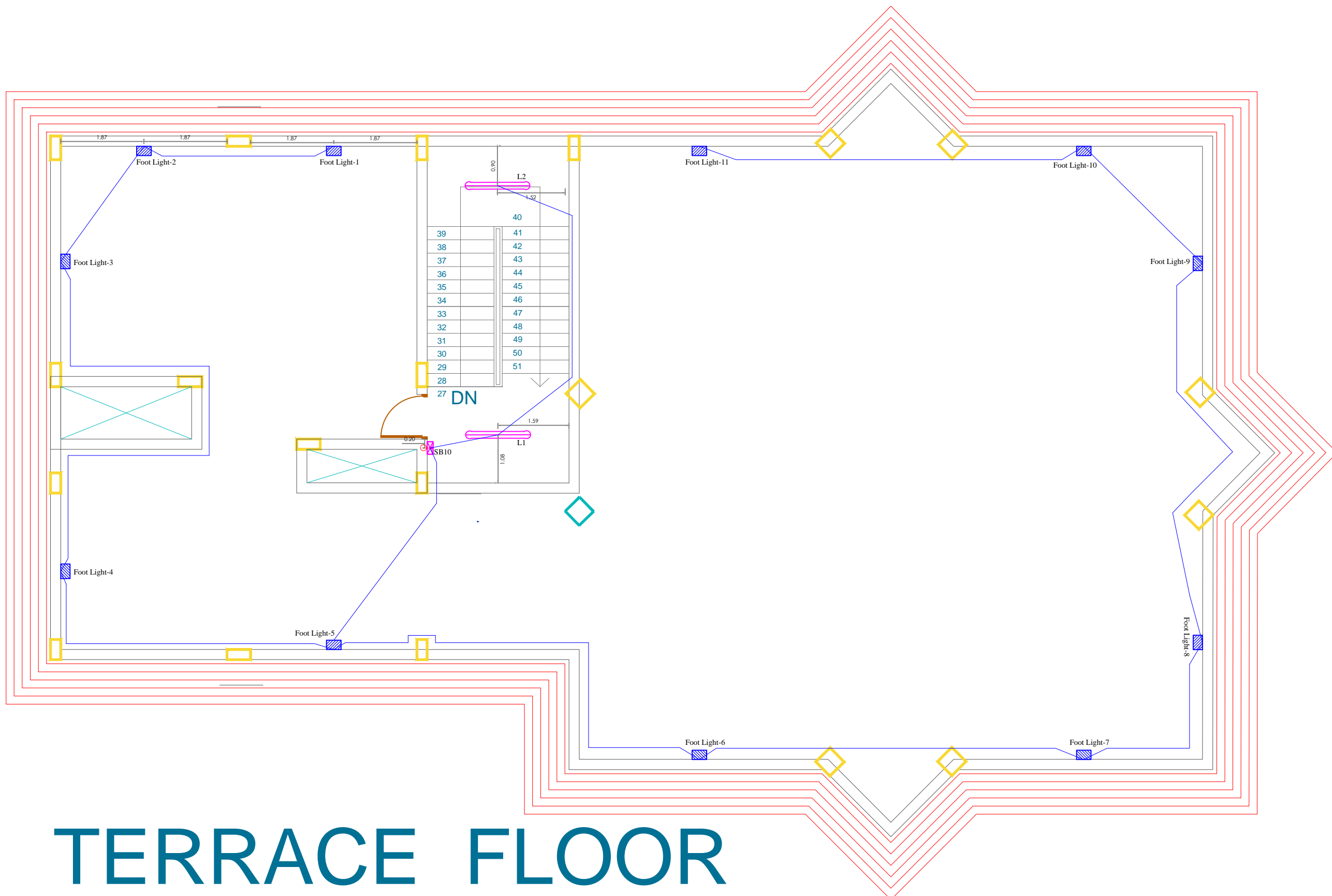
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FIRST FLOOR PLAN

 OFFCIERS CLUB Hon Collectors,Latur,District.	
TITLE OF THE PROJECT PROPOSED CONSTRUCTION OF OFFICERS CLUB	
DRAWN PRIYA	CHECKED : KK
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 Bedre Arcade,ground floor,Behind Sushma Hotel,Shivaji Chowk, Latur-413512,Maharashtra. Tel:+91 2382 246105 Email: kv@spacemagic.in Visit:www.spacemagic.in	
ARCHITECTS: KRISHNAKUMAR BANGAD FIAA, COA, FIV, IIID CA/2004/32977	
<div style="border: 2px solid blue; padding: 5px;">  DESIRE ENGINEERING Electrical Service Consultants Shop-5 ,Dreams Heera Appt, Handewadi,Hadapasar Pune-411 028 Mob. +91-8888823598/7887521120 E-mail- desire_engineering@outlook.com </div>	

SHEET NO:11
 TITLE:
 WORKING DRAWING_
 ELECTRICAL RESTURANT TERRACE
 SPECIFICATIONS:



TERRACE FLOOR PLAN

OFFCIERS CLUB
 Hon Collectors,Latur,District.

TITLE OF THE PROJECT
 PROPOSED CONSTRUCTION OF OFFICERS CLUB

DRAWN	PRIYA	CHECKED : KK
SCALE	MT	DATE:12.09.2018

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ARCHITECTS:
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Project Name-OFFICERS CLUB																			
Electrical Consultant-Desire Engineering																			
Document Name-Qty Schedule For Project																			
Date- R0_14.09.2018																			
CODE	Switch Board	Water Body Light	Foot Light	Down Light	Led Panel Light	Ceiling Light	Ceiling Light	wall Light	Tube Light	Fan	Ac Point	5 amp	Exh	15 AMP	15 AMP	Tv Point	Lan Point	Tel Point	
	SB			primary	primary	primary	Secondary	Toilet	TL	CF	AC-ITON	P1	EX	GY	PP1	TV	Lan	TEL	
Terrace Floor																			
Terrace Floor	3	0	28			1	0	3	0	0	0	0	0	0	0	0	0	0	0
2nd Floor																			
Bed Rm-1-Toilet	3	0	0	0	0	1	1	1	1	1	1	2	1	1	0	1	0	1	1
Bed Rm-2-Toilet	3	0	0	0	0	1	1	1	1	1	1	2	1	1	0	1	0	1	1
Bed Rm-3-Toilet	3	0	0	0	0	1	1	1	1	1	1	2	1	1	0	1	0	1	1
Bed Rm-4-Toilet	3	0	0	0	0	1	1	1	1	1	1	2	1	1	0	1	0	1	1
Bed Rm-5-Toilet	3	0	0	0	0	1	1	1	1	1	1	2	1	1	0	1	0	1	1
Bed Rm-6-Toilet	3	0	0	0	0	1	1	1	1	1	1	2	1	1	0	1	0	1	1
Living Rm-1	1	0	0	0	0	1	1	1	1	1	1	2	0	0	0	0	0	0	0
Living Rm-2	1	0	0	0	0	1	1	1	1	1	1	2	0	0	0	0	0	0	0
Waiting Lounge & Passage	4	0	0	0	0	17	18	0	0	3	0	0	0	0	0	0	0	0	0
Table Tennis	1	0	0	0	0	4	4	0	2	4	0	0	0	0	0	0	0	0	0
1st Floor																			
Bed Rm-1-Toilet	3	0	0	0	0	1	1	1	1	1	1	2	1	1	0	1	0	1	1
Bed Rm-2-Toilet	3	0	0	0	0	1	1	1	1	1	1	2	1	1	0	1	0	1	1
Bed Rm-3-Toilet	3	0	0	0	0	1	1	1	1	1	1	2	1	1	0	1	0	1	1
Bed Rm-4-Toilet	3	0	0	0	0	1	1	1	1	1	1	2	1	1	0	1	0	1	1
Bed Rm-5-Toilet	3	0	0	0	0	1	1	1	1	1	1	2	1	1	0	1	0	1	1
Bed Rm-6-Toilet	3	0	0	0	0	1	1	1	1	1	1	2	1	1	0	1	0	1	1
Living Rm-1	1	0	0	0	0	1	1	1	1	1	1	2	0	0	0	0	0	0	0
Living Rm-2	1	0	0	0	0	1	1	1	1	1	1	2	0	0	0	0	0	0	0
Waiting Lounge & Passage	4	0	0	0	0	21	22	0	0	3	0	0	0	0	0	0	0	0	0
Hall	2	0	0	0	0	9	9	0	0	9	0	0	0	0	0	0	0	0	0
Lobby	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Squash Court	1	0	0	0	0	4	4	0	2	4	0	0	0	0	0	0	0	0	0
Bad Minton Court	0	0	0	36	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Ground Floor																			
Gents Toilet	1	0	0	0	0	3	3	12	0	0	0	0	2	0	0	0	0	0	0
Ladies Toilet	2	0	0	0	0	3	3	10	0	0	0	0	2	0	0	0	0	0	0
Spa Room	1	0	0	0	6	0	0	0	0	2	2	0	2	0	2	0	0	0	0
Sauna Rm	1	0	0	0	2	0	0	0	0	0	0	0	0	0	2	0	0	0	0
Female Masage	1	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0
Male Masage	1	0	0	0	0	1	1	0	0	0	1	0	0	0	0	0	0	0	0
Steam bath	1	0	0	0	0	2	2	0	0	0	0	0	0	0	2	0	0	0	0
Pedicure	1	0	0	0	0	1	1	0	0	0	0	0	0	0	2	0	0	0	0
Passage	2	0	0	0	0	7	7	0	0	0	0	0	0	0	0	0	0	0	0
Toilet	1	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0
Waiting Lounge & Reception	2	0	0	0	20	0	0	0	0	4	0	0	0	0	0	0	0	0	0
President Cabin	1	0	0	0	6	0	0	0	0	1	2	0	1	0	0	1	0	1	1
Toilet	1	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0
Back Office	1	0	0	0	9	0	0	0	0	0	2	6	0	0	3	0	3	3	3
Admin Office	1	0	0	0	9	0	0	0	0	4	2	6	0	0	3	0	3	3	3
Courty Yard	1	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Conference Rm	1	0	0	0	8	0	0	0	0	4	2	4	0	0	2	0	2	2	2
Out side nr water body	0	16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Passage and Circle Area	5	0	0	0	0	27	27	0	0	0	0	0	0	0	0	0	0	0	0
Billard Rm	1	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Courty Yard	1	0	0	0	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Meeting Rm	1	0	0	0	9	0	0	0	0	4	2	0	0	0	0	0	0	0	0
Gymnasium	1	0	0	0	47	0	0	0	0	19	0	0	0	0	0	0	0	0	0
Total Qty	85	16	28	36	137	119	120	41	20	76	29	50	19	13	16	12	9	21	0
Total Load	8500	176	252	1296	2466	1309	1320	369	360	4560	34800	5000	665	9750	12000	0	0	0	0

Sheet Title-Cable Section Chart for Officers Club								
Sr.	From	To	Load	Diversity	ACB	Current	Lengthmt	Size Selected
1	Out side Feeder	LT Panel1	115	115	160	196	50	1Rx3.5Cx95
2	LT Panel1	Gr Floor DB1	2	2	40	3	30	1Rx4cX6
3		Gr Floor DB2	6.898	7	63	12	30	1Rx4cX16
4		Gr Floor DB3	14.93	15	63	25	30	1Rx4cX16
5		Gr Floor DB4	14.93	15	40	25	30	1Rx4cX6
6		Gr Floor DB5	14.4	14	40	24	30	1Rx4cX6
7		1st Floor DB1	2	2	40	3	35	1Rx4cX6
8		1st Floor DB2	22.24	22	63	38	35	1Rx4cX16
9		2nd Floor DB1	17	17	40	29	40	1Rx4cX6
10		2nd Floor DB2	9.6	10	63	16	40	1Rx4cX16
		Toilet Block	1				20	1Rx2cX4
		Resturant	10	10	63	17	84	1Rx4cX16
11		pump Load	3.73	4	40	6	63	1Rx4cX16
12		Street Light DB	5	5	40	9	102	1Rx4cX16
13		Lift-1	3.73	4	40	6	40	1Rx4cX6
14	DGSet	AMF Panel	25	25	80	35	20	1Rx3.5Cx35
15	AMF Panel	DG Panel	25	25	80	35	20	1Rx3.5Cx35
16		pump 3 phase					40	1Rx4cX4
17		pump 1 phase					40	1Rx2cX4
18		street light connection main pole					270	1Rx2cX2.5
19		pole to pole					600	1Rx2cX1.5

Sr No.	Plots No.	unit	Connected Load	De mand Load in kw
Hospital Project				
1	Ground Floor	kilowatt	83	55.22
2	First Floor			
3	Second Floor			
4	Terrace Floor			
5	Lift -1	kiol watt	3.730	3.73
6	Plumbing Load-5 hp	kiol watt	3.730	3.73
7	Out Side Lighting	kiol watt	5.000	5.00
8	Toilet Block	kiol watt	1.000	1.00
9	Resturant	kiol watt	10.000	10.00
Total Load of Club House in KW				78.68
Total Mains Current of Club House				136.90
Cable Selected-1R X3.5C X 95 SQMM				
Taking CT Meter 160/5A From Near By Premises.or taking 100 KVA Transformer				

Sr No.	Plots No.	unit	Connected Load	De mand Load in kw
Club House Project				
1	Ground Floor			3.00
2	First Floor			3.00
3	Second Floor			3.00
4	Lift -1		3.730	3.73
5	Plumbing Load		3.730	3.73
6	Out Side Lighting		5.000	5.00
Total Load of Hospital in KW				21.46
Total KVA FOR club				23.84
Suggested DG Set -25 KVA Considering Future.				

OFFCIERS CLUB
Hon Collectors,Latur,District.

TITLE OF THE PROJECT
PROPOSED CONSTRUCTION OF OFFICERS CLUB

DRAWN: PRIYA
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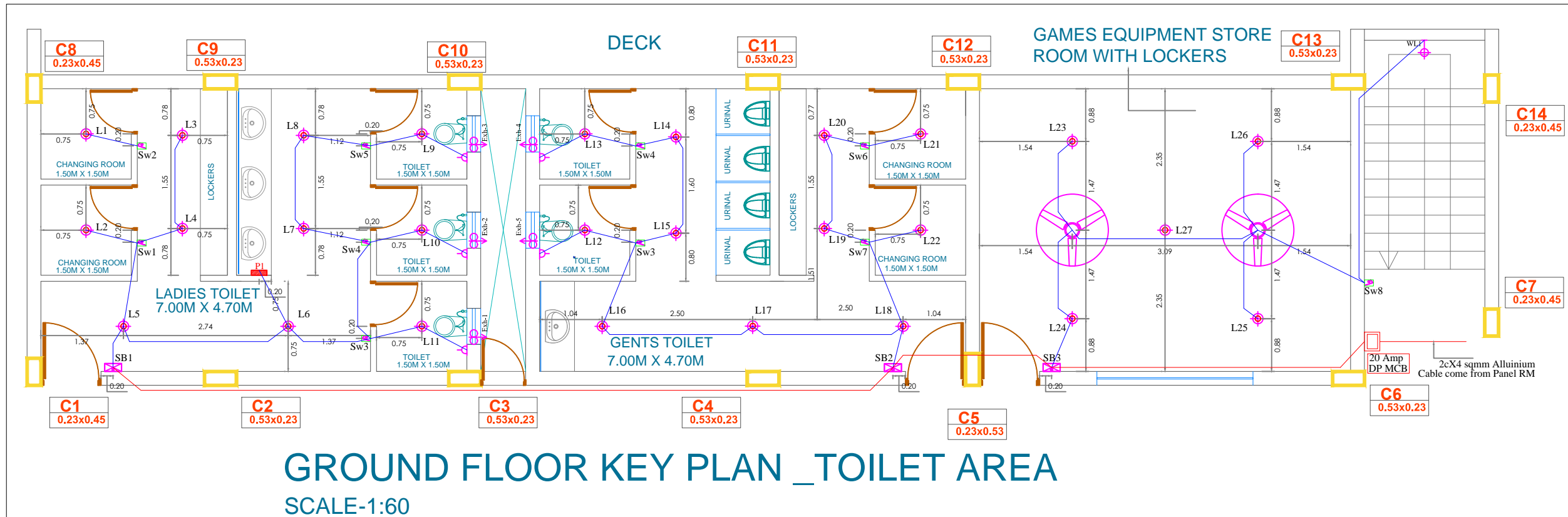
ARCHITECTS:
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SHEET NO:08

TITLE:
WORKING DRAWING_
ELECTRICAL TOILET BLOCK

SPECIFICATIONS:



	OFFCIERS CLUB Hon Collectors,Latur,District.	
	TITLE OF THE PROJECT PROPOSED CONSTRUCTION OF OFFICERS CLUB	

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THIS IS A PRESENTATION DRAWING IT MAY BE MODIFIED DURING EXECUTION

SPECIFICATIONS:

1	WALL LIGHT POINT	⊕
2	SWITCH BOARD WITH HALF POINT	⊗
3	CEILING FAN	⊕
4	SOCKET OUTLET FOR TV CABLE/ANTENA	⊕
5	1-5 AMP Point 1-15 AMP Point	PP1
6	CEILING LIGHT POINT	⊕
7	20A SOCKET OUTLET FOR AC.	⊕
8	EXHAUST FAN	⊕
9	CEILING ROSE	⊕
10	BZ : BELL BUZZER	⊕
11	BELL PUSH	⊕
12	DISTRIBUTION BOARD	⊗
13	20A/6A Switch Point FOR AC.	⊕
14	25mm CONDUIT.	—
15	Low Voltage CONDUIT.	—
16	Split Unit-AC	AC UNIT
17	2-5 AMP Point 1-15 AMP Point 1-Tel Point 1-Lan Point	CMP1
18	Tube Light	—

DG Set
Locn: Near Transformer Room

25KVA
DG SET.1

3 1/2 C x35 Sq.mm

Controle cable 4Cx2.5 sq mm
From MSEB Main Panel

AMF PANEL.

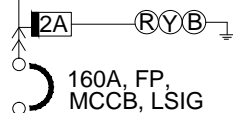
3 1/2 C x 35 Sq.mm

CT METER-160/5A OR TRANSFOREMER -100KVA
ENERGY METER FOR THIS BUILDING

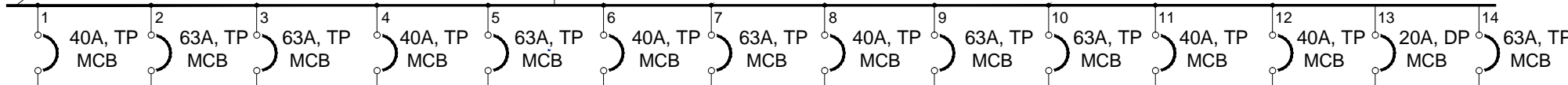
1R,3.5C X 95 Sq.mm.
AYFY Cable

C/L	64 KW
C/R	112.54 AMP

Main LT Panel
Location:- Transformer Room



250A 50KA, TPN
AL.BUSBAR.

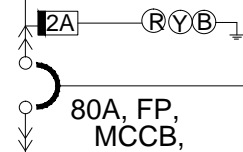


DB-1	DB-2	DB-3	DB-4	DB-5	DB-1	DB-2	DB-1	DB-2	pump panel	Lift	Street Light	Toilet Block	Resturant
4Cx6 SQ MM	4Cx16 SQ MM	4Cx16 SQ MM	4Cx6 SQ MM	4Cx16 SQ MM	4Cx6 SQ MM	4Cx16 SQ MM	4Cx6 SQ MM	4Cx16 SQ MM	4Cx16 SQ MM	4Cx6 SQ MM	4Cx16 SQ MM	2Cx4 SQ MM	4Cx16 SQ MM
Ground Floor			Gymnasium		1st Floor		2nd Floor						

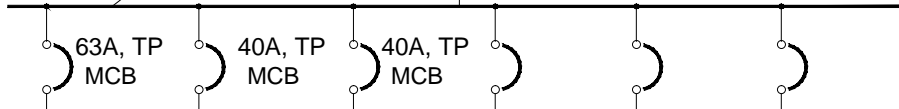
3 1/2 C x35 Sq.mm

1R,3.5C X 35Sq.mm.
AYFY Cable

Main DG Panel
Location:- Transformer Room



125A, TPN
AL.BUSBAR.



pump panel	Lift	Street Light	Spare	Spare	Spare
4Cx16 SQ MM	4Cx6 SQ MM	4Cx16 SQ MM			

80A, FP,
Auto Change Over

FIRE PUMP

OFFCIERS CLUB
Hon Collectors,Latur,District.

TITLE OF THE PROJECT: PROPOSED CONSTRUCTION OF OFFICERS CLUB

DRAWN: PRIYA CHECKED: KK
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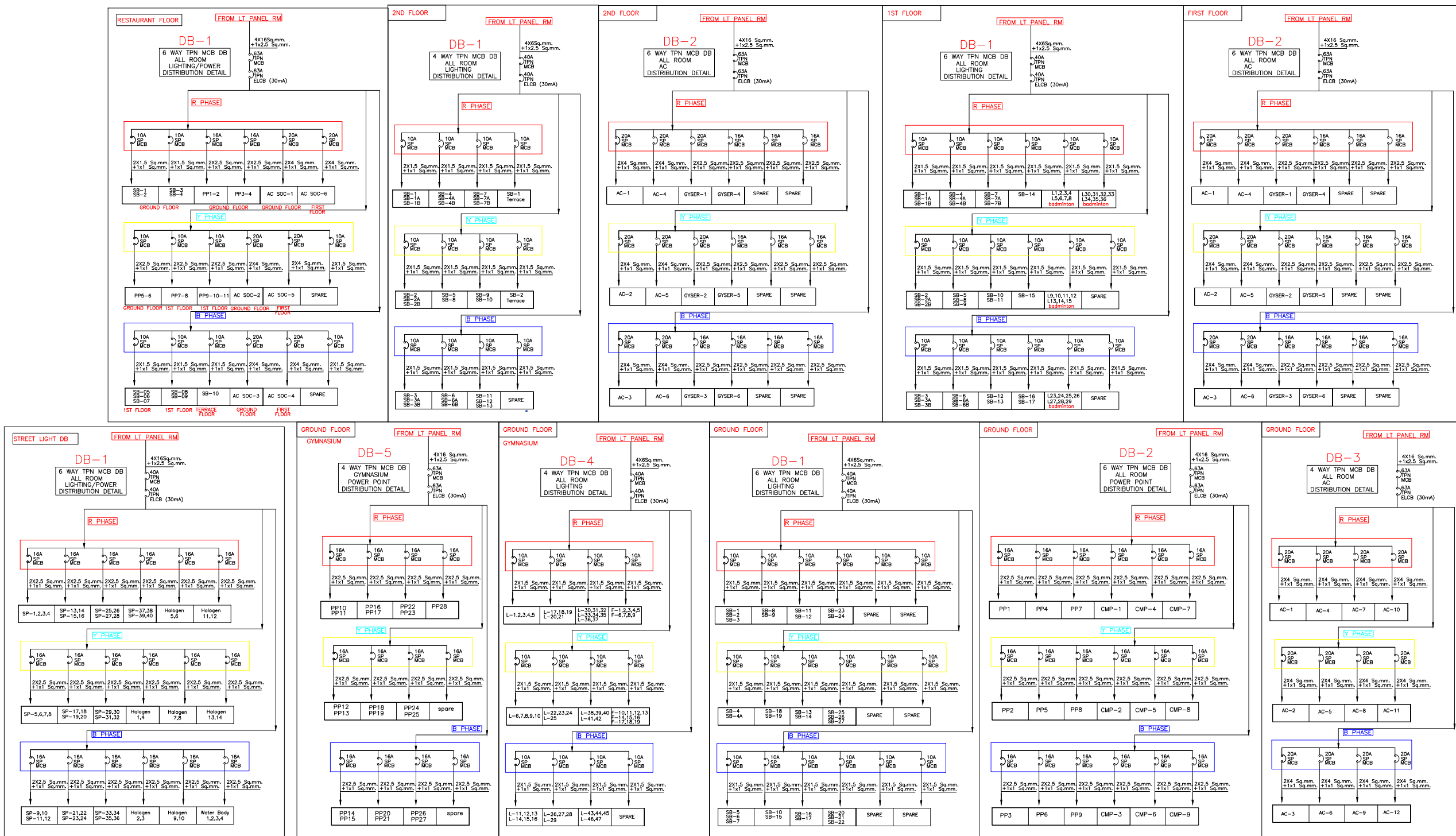
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SPECIFICATIONS:

1	WALL LIGHT POINT	
2	SWITCH BOARD WITH HALF POINT	
3	CEILING FAN	
4	SOCKET OUTLET FOR TV CABLE/ANTENA	
5	1-5 AMP Point 1-15 AMP Point	
6	CEILING LIGHT POINT	
7	20A SOCKET OUTLET FOR AC.	
8	EXHAUST FAN	
9	CEILING ROSE	
10	BZ : BELL BUZZER	
11	BELL PUSH	
12	DISTRIBUTION BOARD	
13	20A/6A Switch Point FOR AC.	
14	25mm CONDUIT.	
15	Low Voltage CONDUIT.	
16	Split Unit-AC	
17	2-5 AMP Point 1-15 AMP Point 1-Tel Point 1-Lan Point	
18	Tube Light	



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