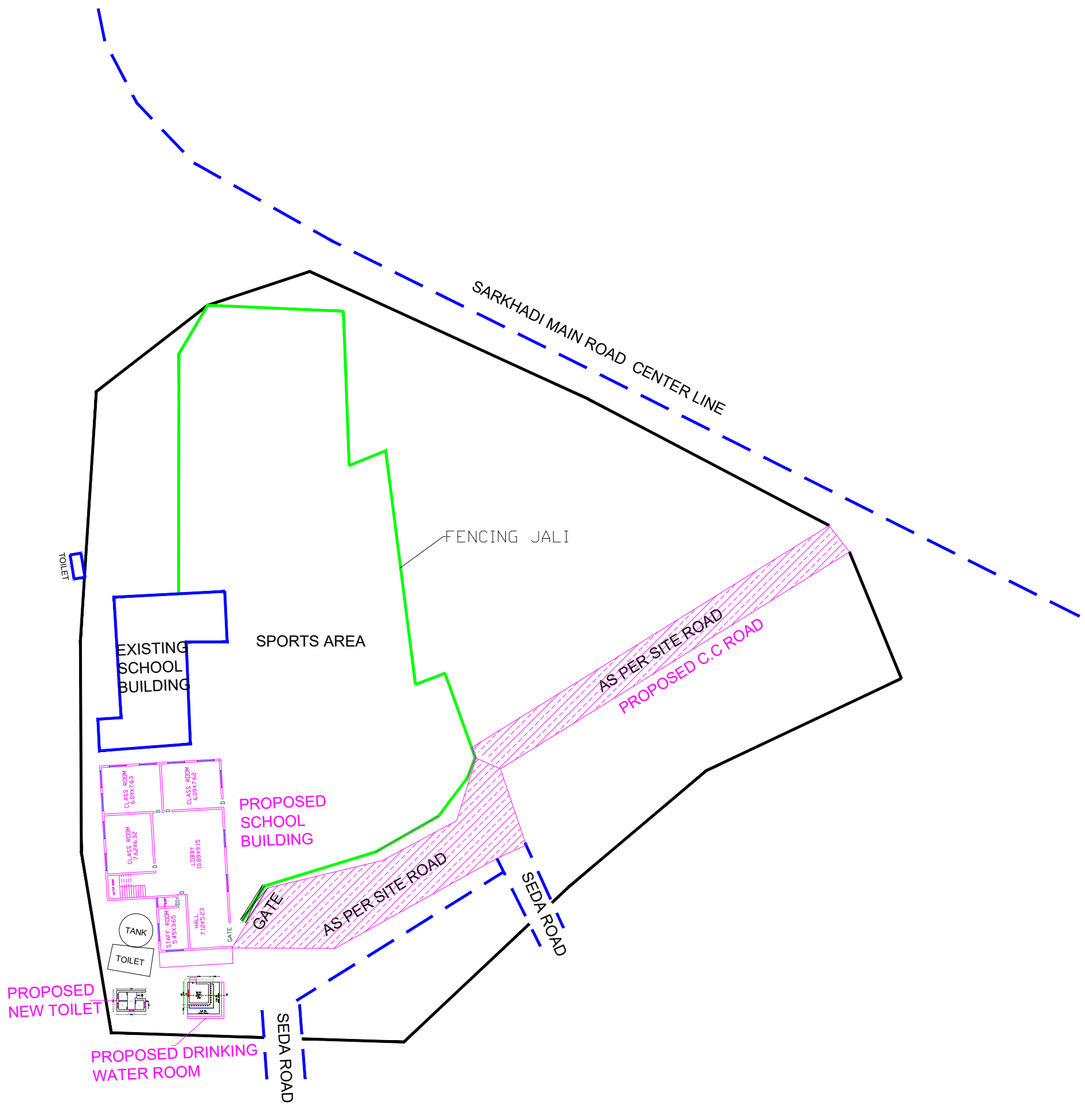
SHRI J.R.VALA MADHYAMIK SHALA SARKHADI
TALUKA KODINAR : DISTRIC GIR SOMNATH



SHREE J.R.VALA MADHYAMIK SHALA SARKHADI
TALUKA: KODINAR DISTRICT: GIR SOMNATH

NAME OF WORK : CONSTRUCTION OF NEW SCHOOL BUILDING

SCHEME : CSR (HPLNG)

SCALE :NOT TO SCALE

LEGEND PROPOSED NEW WORK

OWNER
SAMAGRA SHIKSHA
GANDHINAGAR
STATE : GUJARAT

North

AUTHORITY:
H.P.C.L. LNG- CHHARA

LAYOUT PLAN
SHREE J.R. VALA MADHAYAMIK SHALA SARKHADI

PROJECT CONSULTANT
SAVJANI A & E CONSULTANTS
318 - TORRAL COMPLEX, OPP. S.B.I.
N/r. SHASTRI MAIDAN, JAWAHAR ROAD
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PH. : (0281) 22 30 30 1,
E-mail - info.saecindia@gmail.com

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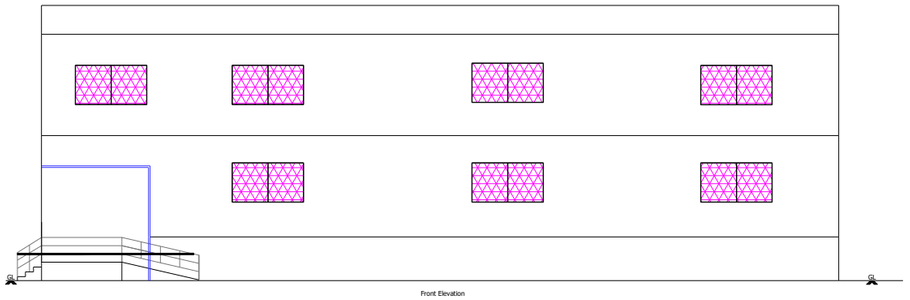
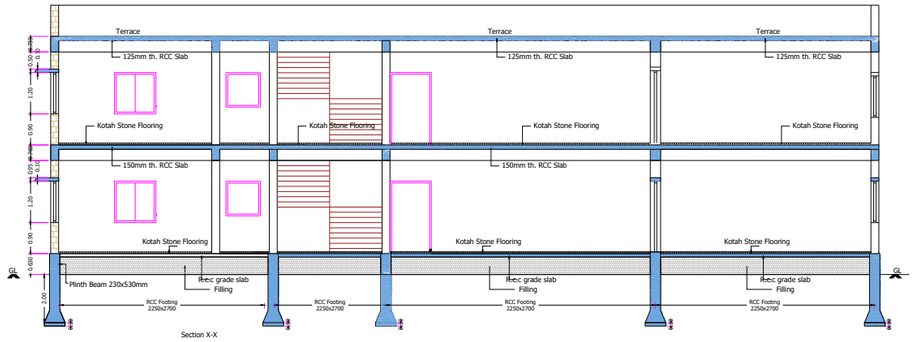
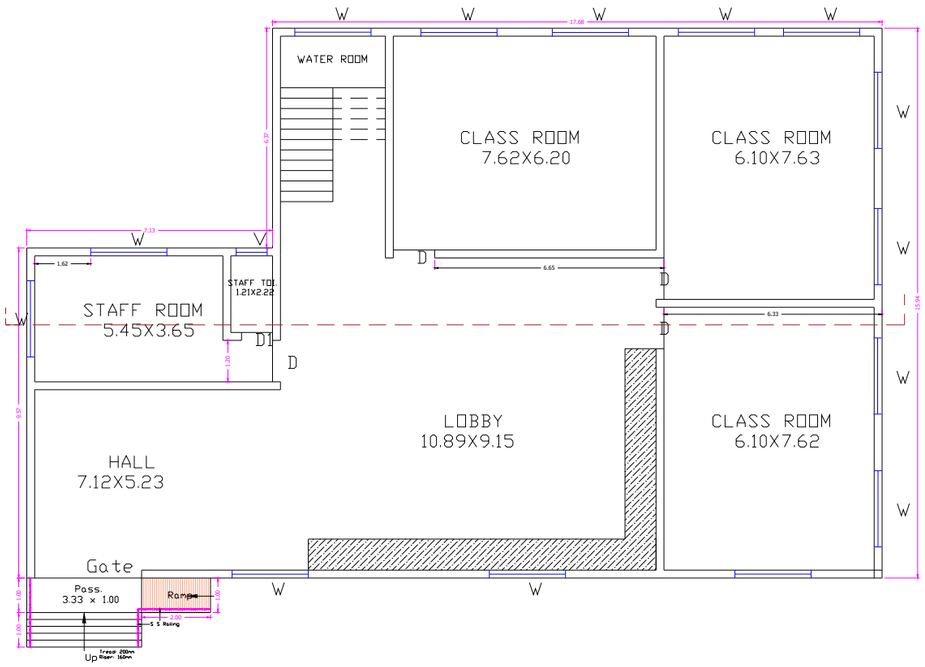
NOTE : This drawing are to be used for proposed upgradation & renovation only. Purpose only any further development shall be done with permission of concern authority all structural modification shall be done strictly as per guidance of consultant



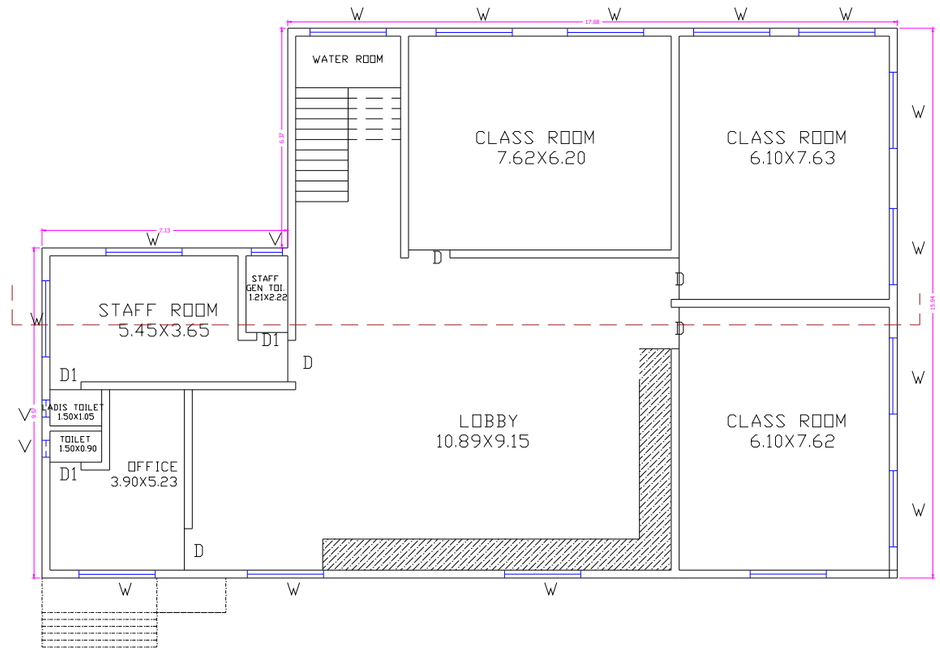
Front Elevation



Section X-X



GROUND FLOOR PLAN



FIRST FLOOR PLAN

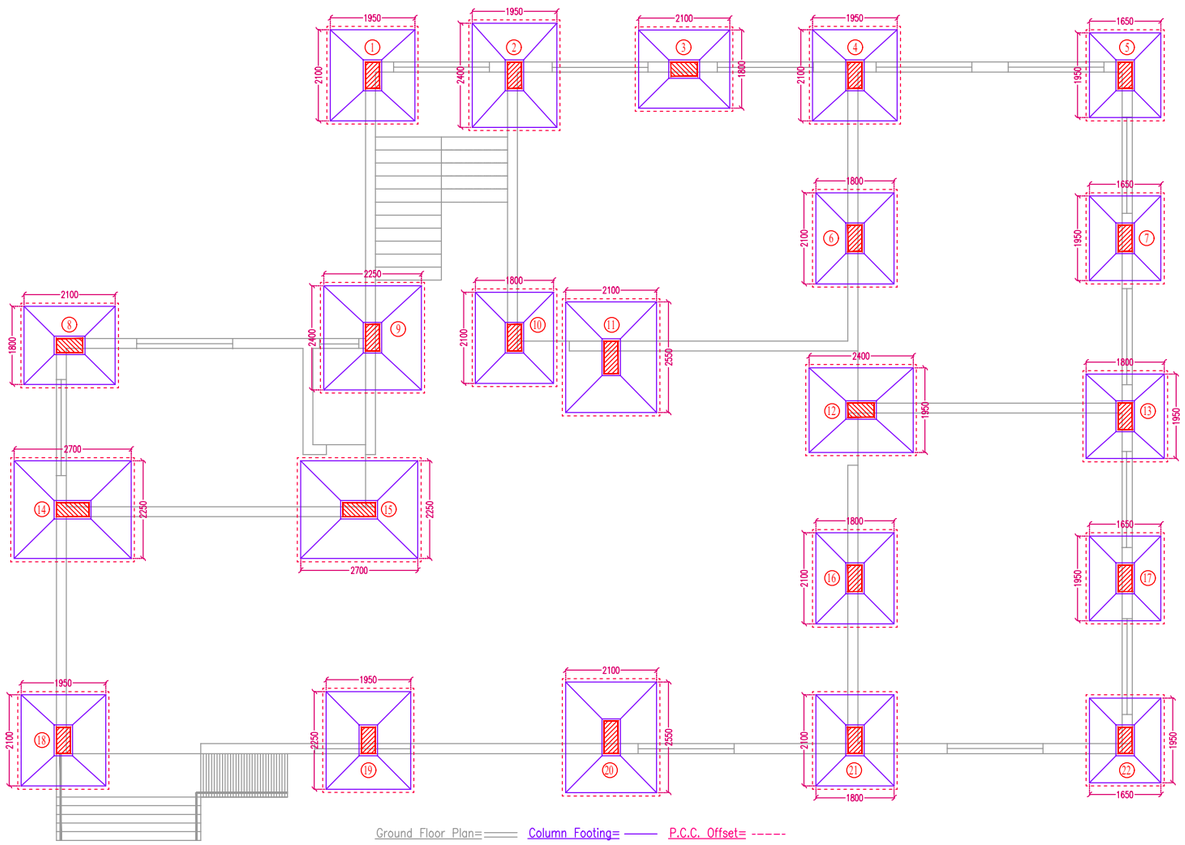
SARAKADI SCHOOL TALUKA :KODINAR DISTRICT : GIR SOMNATH	OWNER SAMAGRA SHIKSHA GANDHINAGAR STATE : GUJARAT	North	PROJECT CONSULTANT **SAVJANI A & E CONSULTANTS** 318 - TORRAL COMPLEX, OPP. S.B.I. N/r. SHASTRI MAIDAN, JAWAHAR ROAD RAJKOT - 360 001 (GUJARAT) PH. : (0281) 22 30 30 1, E-mail - info.saecindia@gmail.com
NAME OF WORK : CONSTRUCTION OF NEW SCHOOL BUILDING	AUTHORITY H.P.C.L. L.N.G. - CHHARA		NOTE : This drawing is Property of Project Consultant.This can not be executed,used,copied,modified without Permission. NOTE : This drawing are to be used for proposed upgradation & renovation only. Purpose only any further development shall be done with permission of concern authority all structural modification shall be done strictly as per guidance of consultant
SCHEME : CSR (HPLNG)			
SCALE :- NOT TO SCALE			
LEGEND			

PRODUCED BY AN AUTODESK STUDENT VERSION

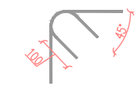
Schedule of R.C.C. Columns & Footings

Terrace		NORMAL LINKS	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C
		CONFINE LINKS	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C
	FIRST FLOOR LEVEL	LINK CONFIG.																		
		VERTICALBARS	6 ϕ 16+4 ϕ 12MM	10 ϕ 16MM	10 ϕ 20+2 ϕ 16MM	10 ϕ 16MM	12 ϕ 16MM	12 ϕ 16MM	12 ϕ 16MM	4 ϕ 20+8 ϕ 16MM	10 ϕ 16MM	10 ϕ 25+4 ϕ 20MM	12 ϕ 16MM	12 ϕ 16MM	14 ϕ 20MM	12 ϕ 20MM	8 ϕ 20+4 ϕ 16MM	4 ϕ 25+10 ϕ 20MM	6 ϕ 16+4 ϕ 12MM
		B × D (SIZE)	325 × 610	325 × 610	325 × 610	325 × 610	325 × 610	325 × 610	325 × 610	325 × 610	325 × 610	325 × 750	325 × 610	325 × 610	325 × 750	325 × 610	325 × 610	325 × 750	325 × 610
1st		GRADE	M-25	M-25	M-25	M-25	M-25	M-25	M-25	M-25	M-25	M-25	M-25	M-25	M-25	M-25	M-25	M-25	M-25
		NORMAL LINKS	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C
		CONFINE LINKS	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C
	GROUND FLOOR LEVEL	LINK CONFIG.																		
		VERTICALBARS	6 ϕ 16+4 ϕ 12MM	10 ϕ 16MM	10 ϕ 20+2 ϕ 16MM	10 ϕ 16MM	12 ϕ 16MM	12 ϕ 16MM	12 ϕ 16MM	4 ϕ 20+8 ϕ 16MM	10 ϕ 16MM	10 ϕ 25+4 ϕ 20MM	12 ϕ 16MM	12 ϕ 16MM	14 ϕ 20MM	12 ϕ 20MM	8 ϕ 20+4 ϕ 16MM	4 ϕ 25+10 ϕ 20MM	6 ϕ 16+4 ϕ 12MM
		B × D (SIZE)	325 × 610	325 × 610	325 × 610	325 × 610	325 × 610	325 × 610	325 × 610	325 × 610	325 × 610	325 × 750	325 × 610	325 × 610	325 × 750	325 × 610	325 × 610	325 × 750	325 × 610
G.L.		GRADE	M-25	M-25	M-25	M-25	M-25	M-25	M-25	M-25	M-25	M-25	M-25	M-25	M-25	M-25	M-25	M-25	M-25
		NORMAL LINKS	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C	8 MM ϕ 150 C/C
		CONFINE LINKS	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C	8 MM ϕ 75 C/C
	BELOW GROUND LEVEL	LINK CONFIG.																		
		VERTICALBARS	6 ϕ 16+4 ϕ 12MM	10 ϕ 16MM	10 ϕ 20+2 ϕ 16MM	10 ϕ 16MM	12 ϕ 16MM	12 ϕ 16MM	12 ϕ 16MM	4 ϕ 20+8 ϕ 16MM	10 ϕ 16MM	10 ϕ 25+4 ϕ 20MM	12 ϕ 16MM	12 ϕ 16MM	14 ϕ 20MM	12 ϕ 20MM	8 ϕ 20+4 ϕ 16MM	4 ϕ 25+10 ϕ 20MM	6 ϕ 16+4 ϕ 12MM
		B × D (SIZE)	325 × 610	325 × 610	325 × 610	325 × 610	325 × 610	325 × 610	325 × 610	325 × 610	325 × 610	325 × 750	325 × 610	325 × 610	325 × 750	325 × 610	325 × 610	325 × 750	325 × 610
B.G.L.		GRADE	M-30	M-30	M-30	M-30	M-30	M-30	M-30	M-30	M-30	M-30	M-30	M-30	M-30	M-30	M-30	M-30	M-30
	R.C.C. FOUNDATION	REINFORCEMENT	10MM ϕ 125 C/C BOTH WAY	10MM ϕ 125 C/C BOTH WAY	10MM ϕ 150 C/C BOTH WAY	10MM ϕ 150 C/C BOTH WAY	10MM ϕ 150 C/C BOTH WAY	10MM ϕ 150 C/C BOTH WAY	10MM ϕ 150 C/C BOTH WAY	10MM ϕ 150 C/C BOTH WAY	10MM ϕ 100 C/C BOTH WAY	10MM ϕ 125 C/C BOTH WAY	10MM ϕ 125 C/C BOTH WAY	10MM ϕ 150 C/C BOTH WAY	10MM ϕ 125 C/C BOTH WAY	10MM ϕ 150 C/C BOTH WAY	10MM ϕ 125 C/C BOTH WAY	10MM ϕ 125 C/C BOTH WAY	10MM ϕ 150 C/C BOTH WAY
		t × T	230 × 680	230 × 680	230 × 610	230 × 610	230 × 530	230 × 610	230 × 530	230 × 610	230 × 750	230 × 680	230 × 680	230 × 610	230 × 750	230 × 610	230 × 610	230 × 680	230 × 610
		W X L R.C.C. (M-25)	1950 X 2100	1950 X 2400	1800 X 2100	1950 X 2100	1650 X 1950	1800 X 2100	1650 X 1950	1800 X 2100	2250 X 2400	2100 X 2550	1950 X 2400	1800 X 1950	2250 X 2700	1950 X 2100	1950 X 2250	2100 X 2550	1800 X 2100
		P.C.C. (M-15)	2100 X 2250	2100 X 2550	1950 X 2250	2100 X 2250	1800 X 2100	1950 X 2250	1800 X 2100	1950 X 2250	2400 X 2550	2250 X 2700	2100 X 2550	1950 X 2100	2400 X 2850	2100 X 2250	2100 X 2400	2250 X 2700	1950 X 2250
	COLUMN NO.		1	2	3	4	5	6,10,16	7,17,22	8	9	11	12	13	14,15	18	19	20	21

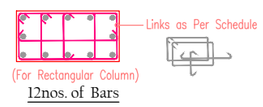
Note:- Extend Col. 1,2,9,10 Are Up To Stair Cabin Top Slab.



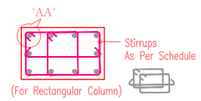
Layout of R.C.C. Column & Footing @ Ground Level



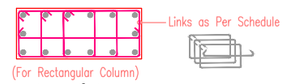
Typical Details at "AA"



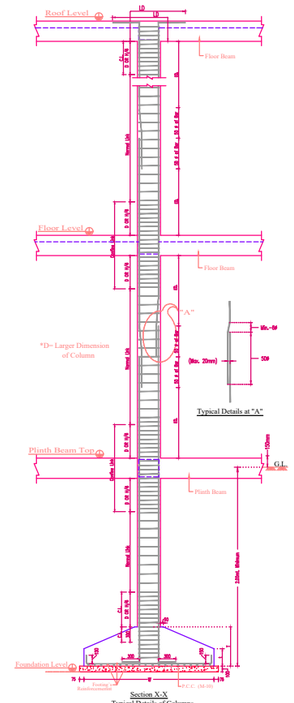
12nos. of Bars

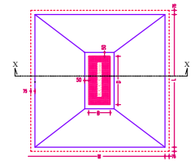


10nos. of Bars



14nos. of Bars





Typical Details of Footings Plan

Notes

- ϕ DENOTE STEELS Fe = 500/550 D TMT
- CLEAR COVER TO STEEL AS UNDER

a) SLAB 20MM
b) BEAM 35 MM
c) COLUMN 40MM
d) FOOTING 50MM
e) CHHAJJA 15MM
f) R.C.C. WALL 20MM

Schedule of Lap Length

(If Otherwise Specified)

	MIX	CSR
BEAMS,SLABS,TIES,etc.	M-25/20	50 ϕ
COLUMNS,WALLS,etc.	M-25/20	50 ϕ

R1	R1- General Revised. (P.)	21/12/2021
R0		Date

Revision

Notes

GENERAL : This drawing shall be read with architect's drawing & our general drawing for details of (i) Cover to bars (ii) anchorage (iii)bent bars and other typical details.

CENTERING : The centering for Structural members shall not be removed before concrete shall achieved a cube crushing strength at 7 days age at least 68% of its final cubs crushing strength. In normal cases where OPC is used forms may generaly be removed after the following period.

SLABS: Spanning up to 4.5 m-7 days, spanning up to 6m-21 days.

BEAMS SOFIT: With proposes left under -7 days; with proposes removed, spanning up to 6m - 14days, spanning over 6m-21 days.

WALLS / COLUMNS : 24 HRS.,

VERTICALSIDE OF BEAMS : 48 HRS. The number of propes & their sizes shall be such that so as to able to carry the full dead load of structural members & also the load due to the concreting & others construction operations. Site incharge will be full responsible for the same.

CONCRETE : Shall be M-30 grade if otherwise spacified.

STEEL : CSR STEEL : Conforming to IS 1786-1966 with its up to date revisions having ultimate tensile Strength 4935 Kg/sq.cm minimum yiad 42.5Kg/sq.cm (0.2% proof stress) elongstin 14.5%

MATERIAL TESTING AND CONCRETE CUBE TEST: Shall be done by the site in charge at approved lab, or institute and result shall be produce to us.

Notes

- Assume S.B.C. 20.0 T/Sq.mt. at 2.0mt. Depth
- All grid lines, dimensions, levels, structural member location shall be followed from approved Architect.

DRG. TITLE :- Layout of R.C.C Columns & Footings At Ground Level		
PROJECT PLANNER :- SAVJANI A & E CONSULTANTS		
LOCATION :- TALUKA: KODINAR DISTRICT: GIR SOMNATH	FOR :- Shri J.R vala Shala sarkhadi	PROJECT :- SCHOOL BUILDING
CHECKED:-	DRAWN:-PARESH	SCALE :- N.T.S
DATE:- 20/12/2021	DRG. NO. :- 2021/01/R1	

Savan Kakadia & Associates
Structural Consultant
E-mail :- skassociates172@gmail.com
401, Shree Gayatri Arcade, Opp. Flowrence Hospital, Rajnagar Chowk, Rajkot - 360002, Phone :- 7859967683

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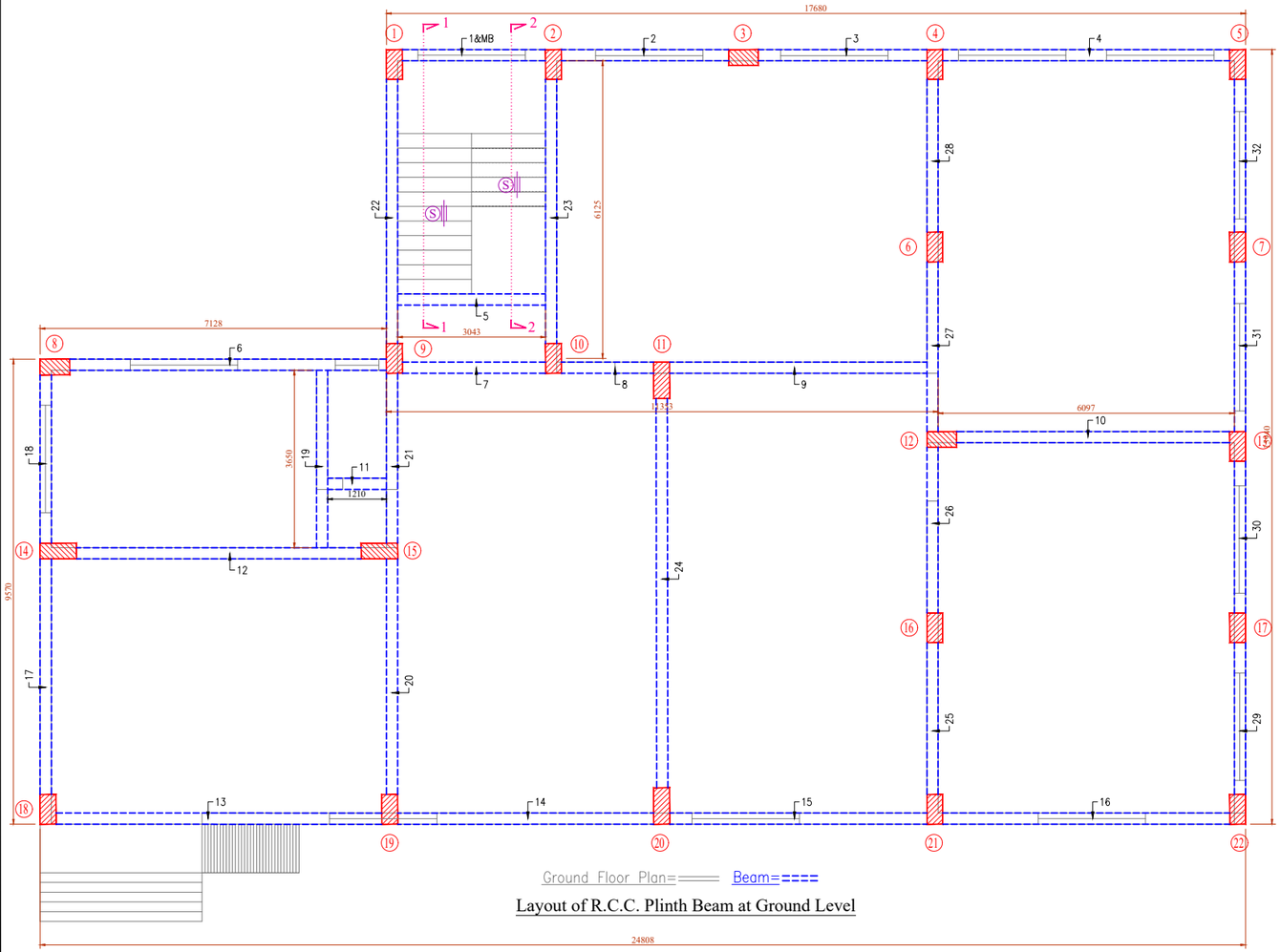
PRODUCED BY AN AUTODESK STUDENT VERSION



Layout of R.C.C. Plinth Beam at Ground Level

SCHEDULE OF R.C.C. PLINTH BEAM AT GROUND LEVEL (M-25)

BEAM NO.	SIZE		BOTTOM STEEL		TOP STEEL			STIRRUPS			REMARK
	B	D	FULL BAR	MID CURTAIL BAR	FULL BAR	LEFT CURTAIL BAR	RIGHT CURTAIL BAR	STEEL	SUPPORT C/C	CENTER C/C	
1	230	530	3Φ 12 mm	1Φ 12 mm	2Φ 12 mm	2Φ 16 mm	2Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
2,3	230	530	3Φ 12 mm	1Φ 12 mm	2Φ 12 mm	2Φ 16 mm Common With Priv. Beam	2Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
4	230	530	2Φ 16 mm	1Φ 16 mm	2Φ 16 mm	2Φ 16 mm Common With Priv. Beam	2Φ 16 mm	8 mmΦ	100	200	
5	230	530	3Φ 12 mm	1Φ 12 mm	2Φ 12 mm	1Φ 12 mm	1Φ 12 mm	8 mmΦ	100	200	
6	230	530	3Φ 16 mm	1Φ 16 mm	3Φ 16 mm	3Φ 16 mm	3Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
7	230	530	3Φ 12 mm	1Φ 12 mm	2Φ 12 mm	3Φ 16 mm Common With Priv. Beam	2Φ 12 mm Common With Next Beam	8 mmΦ	100	200	
8	230	530	3Φ 16 mm	———	2Φ 16 mm	2Φ 12 mm Common With Priv. Beam	2Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
9	230	530	2Φ 16 mm	1Φ 16 mm	2Φ 16 mm	2Φ 16 mm Common With Priv. Beam	1Φ 12 mm	8 mmΦ	100	200	
10	230	530	2Φ 16 mm	1Φ 16 mm	2Φ 16 mm	3Φ 16 mm	3Φ 16 mm	8 mmΦ	100	200	
11	230	460	3Φ 12 mm	———	3Φ 12 mm	———	———	8 mmΦ	200	200	
12	230	530	2Φ 20 mm	1Φ 20 mm	2Φ 20 mm	3Φ 20 mm	3Φ 20 mm	8 mmΦ	100	200	
13	230	530	2Φ 16 mm	2Φ 16 mm	2Φ 16 mm	3Φ 16 mm	3Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
14	230	530	2Φ 16 mm	1Φ 16 mm	2Φ 16 mm	3Φ 16 mm Common With Priv. Beam	2Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
15	230	530	2Φ 16 mm	1Φ 16 mm	2Φ 16 mm	2Φ 16 mm Common With Priv. Beam	2Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
16	230	530	2Φ 16 mm	1Φ 16 mm	2Φ 16 mm	2Φ 16 mm Common With Priv. Beam	2Φ 16 mm	8 mmΦ	100	200	
17	230	530	2Φ 16 mm	1Φ 16 mm	2Φ 16 mm	2Φ 16 mm	2Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
18	230	530	3Φ 12 mm	1Φ 12 mm	2Φ 12 mm	2Φ 16 mm Common With Priv. Beam	2Φ 16 mm	8 mmΦ	100	200	
19	230	530	3Φ 12 mm	1Φ 12 mm	2Φ 12 mm	1Φ 12 mm	1Φ 12 mm	8 mmΦ	100	200	
20	230	530	3Φ 12 mm	1Φ 12 mm	2Φ 12 mm	2Φ 16 mm	2Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
21	230	530	2Φ 16 mm	1Φ 16 mm	2Φ 16 mm	2Φ 16 mm Common With Priv. Beam	3Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
22	230	530	3Φ 16 mm	1Φ 16 mm	3Φ 16 mm	3Φ 16 mm Common With Priv. Beam	3Φ 16 mm	8 mmΦ	100	200	
23	230	530	3Φ 16 mm	1Φ 16 mm	3Φ 16 mm	3Φ 16 mm	3Φ 16 mm	8 mmΦ	100	200	
24	230	530	2Φ 16 mm	1Φ 12 mm	2Φ 16 mm	1Φ 12 mm	1Φ 12 mm	8 mmΦ	100	200	
25	230	530	3Φ 12 mm	1Φ 12 mm	2Φ 12 mm	2Φ 12 mm	2Φ 12 mm Common With Next Beam	8 mmΦ	100	200	
26	230	530	3Φ 12 mm	1Φ 12 mm	2Φ 12 mm	2Φ 12 mm Common With Priv. Beam	2Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
27	230	530	3Φ 12 mm	1Φ 12 mm	2Φ 12 mm	2Φ 16 mm Common With Priv. Beam	2Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
28	230	530	3Φ 12 mm	1Φ 12 mm	2Φ 12 mm	2Φ 16 mm Common With Priv. Beam	2Φ 16 mm	8 mmΦ	100	200	
29 TO 32	230	530	3Φ 12 mm	1Φ 12 mm	2Φ 12 mm	2Φ 12 mm Common With Priv. Beam	2Φ 12 mm Common With Next Beam	8 mmΦ	100	200	
MB	230	610	3Φ 16 mm	1Φ 12 mm	2Φ 16 mm	2Φ 16 mm	2Φ 16 mm	8 mmΦ	100	200	Beam @ Mid Landing Level

SCHEDULE OF SLAB (M-25)

SLAB NO.	THK.	REINFORCEMENT IN MAIN SPAN	REINFORCEMENT IN SECONDRY SPAN	REMARK
S	175	12mmΦ 100 C/C Alternate Bent up	8mmΦ 150 C/C Distribution Steel	Stair Waist Slab

* Dia= Dia of Stiruups

Details of Beam Stirrups

R0	Discription	Date

Revision

Notes

- ⅜ DENOTE STEELS Fe = 500 TMT
- CLEAR COVER TO STEEL AS UNDER

a) SLAB 20MM d) FOOTING 50MM
b) BEAM 35 MM e) CHHAJJA 15MM
c) COLUMN 40MM f) R.C.C. WALL 20MM

Schedule of Lap Length

(If Otherwise Specified)

	MIX	TOR
BEAMS,SLABS,TIES,etc.	M-25	50⅜
COLUMNS,WALLS,etc.	M-25	50⅜

Notes

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VERTICALSIDE OF BEAMS :48 HRS. The number of propes & their sizes shall be such that so as to able to carry the full dead load of structural members & also the load due to the concreting & others construction operations. Site incharge will be full responsible for the same.

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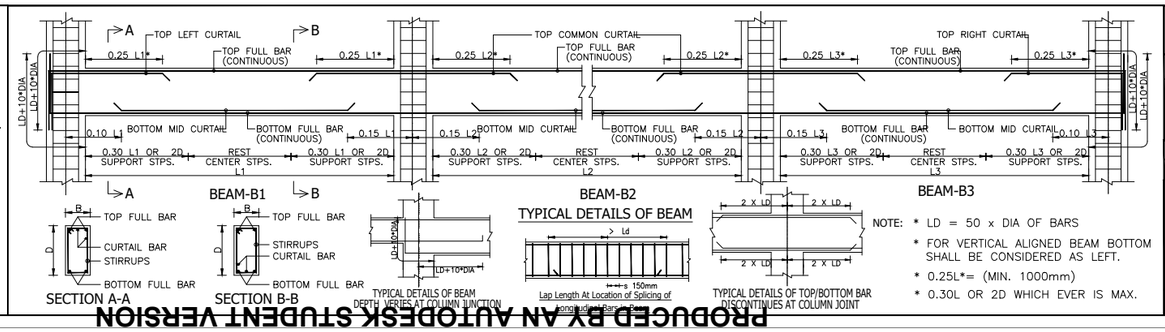
STEEL :TOR STEEL : Conforming to IS 1786–1966 with its up to date revisions having ultimate tensile Strength 4935 Kg/sq.cm minimum yiad 42.5Kg/sq.cm (0.2% proof stress) elongatin 14.5%

MATERIAL TESTING AND CONCRETE CUBE TEST: be done by the site in charge at approved lab, or institute and result shall be produce to us.



NOTE:
* LD = 50 x DIA OF BARS
* FOR VERTICAL ALIGNED BEAM BOTTOM SHALL BE CONSIDERED AS LEFT.
* 0.25L*= (MIN. 1000mm)
* 0.30L OR 2D WHICH EVER IS MAX.

DRG. TITLE :– Layout & Schedule of R.C.C Plinth Beam At Ground Level

PROJECT PLANNER :– SAVJANI A & E CONSULTANTS

LOCATION :–	FOR :–	PROJECT :–
TALUKA: KODINAR DISTRICT: GIR SOMNATH	SAMAGRA SHIKSHA GANDHINAGAR	SCHOOL BUILDING
CHECKED:–	DRAWN:– PARESH	SCALE :– N.T.S
DATE:– 21/12/2021	DRG. NO. :–2021-02 (Sheet:-1/2)	

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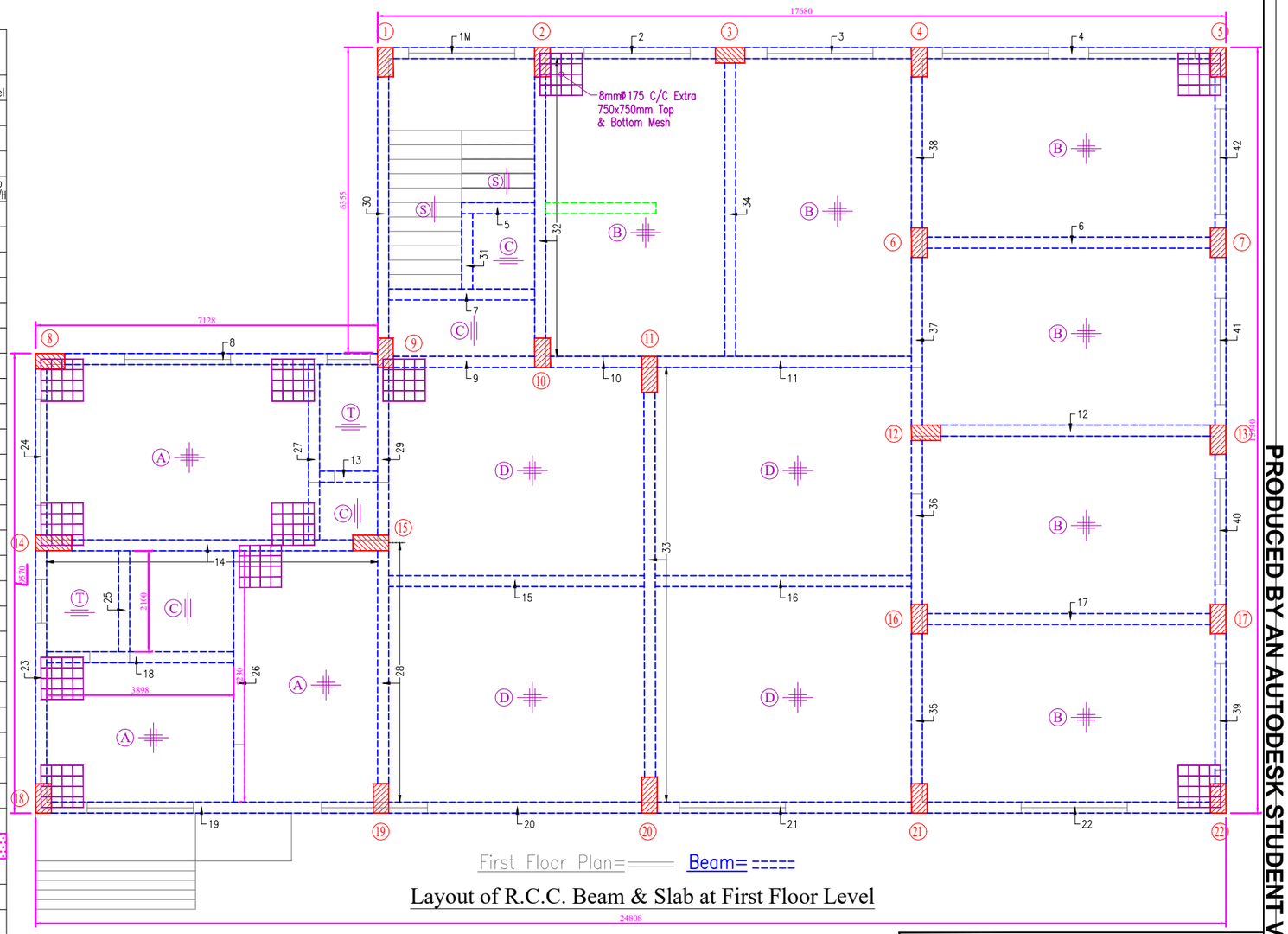
SCHEDULE OF R.C.C. BEAMS @ FIRST FLOOR LEVEL (M-25)

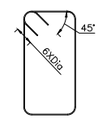
BEAM NO.	SIZE B	SIZE D	BOTTOM STEEL FULL BAR	BOTTOM STEEL MID CURTAIL BAR	TOP STEEL FULL BAR	TOP STEEL LEFT CURTAIL BAR	TOP STEEL RIGHT CURTAIL BAR	STIRRUPS STEEL	STIRRUPS SUPPORT C/C	STIRRUPS CENTER C/C	REMARK
1M	230	610	3Φ 16 mm	1Φ 12 mm	2Φ 16 mm	2Φ 16 mm	2Φ 16 mm	8 mmΦ	100	200	Beam @ Mid Landing Level
2	230	610	3Φ 16 mm	1Φ 12 mm	2Φ 16 mm	3Φ 16 mm	3Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
3	230	610	3Φ 16 mm	1Φ 12 mm	2Φ 16 mm	3Φ 16 mm Common With Priv. Beam	3Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
4	230	610	3Φ 16 mm	1Φ 16 mm	3Φ 16 mm	3Φ 16 mm Common With Priv. Beam	3Φ 16 mm	8 mmΦ	100	200	
5	230	460	2Φ 16 mm	———	2Φ16+3Φ16mm Bent Back	———	———	8 mmΦ	100	100	Cantilever Beam Ext. Top Bar 2300mm In Slab B/H
6,17	230	610	2Φ 16 mm	1Φ 16 mm	2Φ 16 mm	2Φ 16 mm	2Φ 16 mm	8 mmΦ	100	200	
7	230	460	3Φ 12 mm	1Φ 12 mm	2Φ 12 mm	1Φ 12 mm	1Φ 12 mm	8 mmΦ	100	200	
8	230	610	2Φ 20 mm	2Φ 20 mm	2Φ 20 mm	2Φ 20 mm	2Φ 20 mm Common With Next Beam	8 mmΦ	100	200	
9	230	460	3Φ 12 mm	1Φ 12 mm	2Φ 12 mm	2Φ 20 mm Common With Priv. Beam	2Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
10	230	610	3Φ 16 mm	———	2Φ 12 mm	2Φ 16 mm Common With Priv. Beam	3Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
11	230	610	3Φ 16 mm	1Φ 12 mm	3Φ 16 mm	3Φ 16 mm Common With Priv. Beam	1Φ 12 mm	8 mmΦ	100	200	
12	230	610	2Φ 20 mm	2Φ 20 mm	2Φ 20 mm	3Φ 20 mm	3Φ 20 mm	8 mmΦ	100	200	
13	230	460	3Φ 12 mm	———	3Φ 12 mm	———	———	8 mmΦ	200	200	
14	230	610	3Φ 25 mm	1Φ 25 mm	2Φ 25 mm	3Φ 25 mm	3Φ 25 mm	8 mmΦ	100	200	
15,16	230	460	3Φ 16 mm	2Φ 16 mm	2Φ 16 mm	1Φ 12 mm Common With Priv. Beam	1Φ 12 mm Common With Next Beam	8 mmΦ	100	200	
18	230	460	3Φ 16 mm	2Φ 16 mm	2Φ 16 mm	1Φ 12 mm	1Φ 12 mm	8 mmΦ	100	200	
19	230	610	3Φ 20 mm	2Φ 20 mm	3Φ 20 mm	3Φ 20 mm	3Φ 20 mm Common With Next Beam	8 mmΦ	100	200	
20	230	610	2Φ 16 mm	2Φ 16 mm	2Φ 16 mm	3Φ 20 mm Common With Priv. Beam	3Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
21	230	610	2Φ 16 mm	2Φ 16 mm	2Φ 16 mm	3Φ 16 mm Common With Priv. Beam	3Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
22	230	610	3Φ 16 mm	1Φ 16 mm	3Φ 16 mm	3Φ 16 mm Common With Priv. Beam	3Φ 16 mm	8 mmΦ	100	200	
23	230	610	2Φ 20 mm	2Φ 20 mm	2Φ 20 mm	2Φ 20 mm	2Φ 20 mm Common With Next Beam	8 mmΦ	100	200	
24	230	610	2Φ 16 mm	1Φ 16 mm	2Φ 16 mm	2Φ 20 mm Common With Priv. Beam	2Φ 16 mm	8 mmΦ	100	200	
25	230	460	3Φ 12 mm	———	3Φ 12 mm	———	———	8 mmΦ	200	200	
26	230	610	3Φ 20 mm	2Φ 20 mm	2Φ 20 mm	1Φ 16 mm	1Φ 16 mm	8 mmΦ	100	200	
27	230	460	3Φ 12 mm	1Φ 12 mm	2Φ 12 mm	1Φ 12 mm	1Φ 12 mm	8 mmΦ	100	200	
28	230	610	2Φ 16 mm	1Φ 16 mm	2Φ 16 mm	2Φ 16 mm	2Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
29	230	610	2Φ 16 mm	1Φ 16 mm	2Φ 16 mm	2Φ 16 mm Common With Priv. Beam	3Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
30	230	610	3Φ 16 mm	1Φ 16 mm	3Φ 16 mm	3Φ 16 mm Common With Priv. Beam	3Φ 16 mm	8 mmΦ	100	200	
31	230	460	3Φ 12 mm	———	3Φ 12 mm	———	———	8 mmΦ	200	200	
32	230	610	2Φ 20 mm	2Φ 20 mm	2Φ 20 mm	3Φ 20 mm	3Φ 20 mm	8 mmΦ	100	200	
33	230	610	3Φ 25 mm	1Φ 25 mm	3Φ 25 mm	3Φ 25 mm	3Φ 25 mm	10mmΦ	100	200	
34	230	610	2Φ 16 mm	2Φ 16 mm	2Φ 16 mm	1Φ 12 mm	3Φ 16 mm	8 mmΦ	100	200	
35	230	610	2Φ 16 mm	1Φ 16 mm	2Φ 16 mm	2Φ 16 mm	2Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
36	230	610	2Φ 16 mm	1Φ 16 mm	2Φ 16 mm	2Φ 16 mm Common With Priv. Beam	3Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
37	230	610	2Φ 16 mm	1Φ 16 mm	2Φ 16 mm	3Φ 16 mm Common With Priv. Beam	3Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
38	230	610	2Φ 16 mm	1Φ 16 mm	2Φ 16 mm	3Φ 16 mm Common With Priv. Beam	2Φ 16 mm	8 mmΦ	100	200	
39 TO 42	230	610	3Φ 12 mm	1Φ 12 mm	2Φ 12 mm	2Φ 16 mm Common With Priv. Beam	2Φ 16 mm Common With Next Beam	8 mmΦ	100	200	



Layout of R.C.C. Beam & Slab at First Floor Level

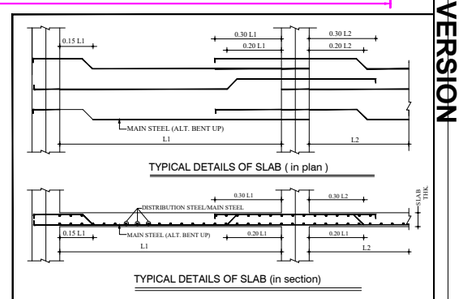
SCHEDULE OF SLAB (M-25)

SLAB NO.	THK.	REINFORCEMENT IN MAIN SPAN	REINFORCEMENT IN SECONDRY SPAN	REMARK
A	125	10mmΦ150 C/C Alternate Bent up	8mmΦ 150 C/C Alternate Bent up	Two Way Slab
B	138	10mmΦ 150 C/C Alternate Bent up Both Way		Two Way Slab
C	125	8mmΦ150 C/C Alternate Bent up	8mmΦ 150 C/C Distribution Steel	One Way Slab
D	150	10mmΦ 125 C/C Alternate Bent up Both Way		Two Way Slab
T	125	8mmΦ150 C/C Alternate Bent up	8mmΦ 150 C/C Distribution Steel	One Way Slab
S	Refer Stair Case Detail From Drw. No. 2021/02			Stair Waist Slab



* Dia= Dia of Stiruups

Details of Beam Stirrups



R0	Discription	Date

Revision

Notes

- Φ DENOTE STEELS Fe = 500 TMT
- CLEAR COVER TO STEEL AS UNDER

a) SLAB 20MM d) FOOTING 50MM
b) BEAM 35 MM e) CHHAJJA 15MM
c) COLUMN 40MM f) R.C.C. WALL 20MM

Schedule of Lap Length

(If Otherwise Specified)

	MIX	TOR
BEAMS,SLABS,TIES,etc.	M-25	50Φ
COLUMNS,WALLS,etc.	M-25	50Φ

Notes

GENERAL :This drawing shall be read with architect's drawing & our general drawing for details of (i) Cover to bars (ii) anchorage (iii)bent bars and other typical details.

CENTERING :The centering for Structural members shall not be removed before concrete shall achieved a cube crushing strength at 7 days age at least 68% of its final cubs crushing strength. In normal cases where OPC is used forms may generaly be removed after the following period.

SLABS: Spanning up to 4.5 m-7 days, spanning up to 6m-21 days.

BEAMS SOFIT: With proposes left under -7 days; with proposes removed, spanning up to 6m - 14days, spanning over 6m-21 days.

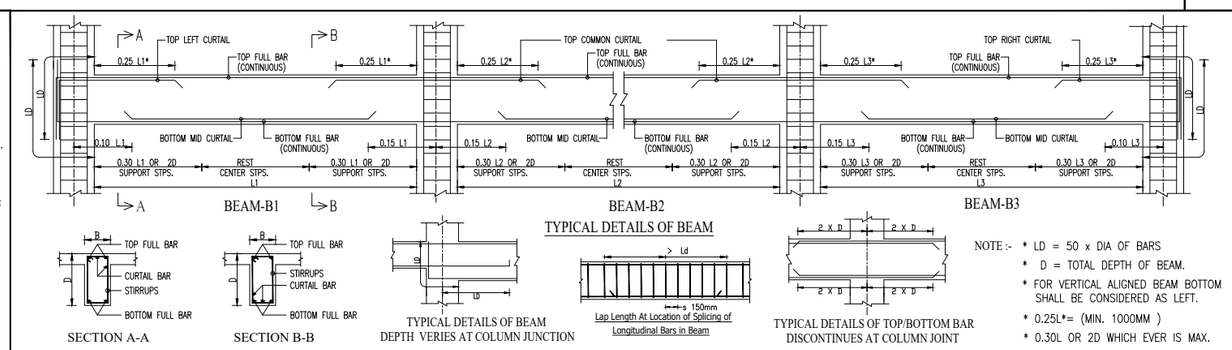
WALLS / COLUMNS :24 HRS.,

VERTICALSIDE OF BEAMS :48 HRS. The number of propes & their sizes shall be such that so as to able to carry the full dead load of structural members & also the load due to the concreting & others construction operations. Site incharge will be full responsible for the same.

CONCRETE :Shall be M-25 grade if otherwise spacified.

STEEL :TOR STEEL : Conforming to IS 1786-1966 with its up to date revisions having ultimate tensile Strength 4935 Kg/sq.cm minimum yiad 42.5Kg/sq.cm (0.2% proof stress) elongstin 14.5%

MATERIAL TESTING AND CONCRETE CUBE TEST: be done by the site in charge at approved lab, or institute and result shall be produce to us.



TYPICAL DETAILS OF BEAM

NOTE :-
* LD = 50 x DIA OF BARS
* D = TOTAL DEPTH OF BEAM.
* FOR VERTICAL ALIGNED BEAM BOTTOM SHALL BE CONSIDERED AS LEFT.
* 0.25L*= (MIN. 1000MM)
* 0.30L OR 2D WHICH EVER IS MAX.

DRG. TITLE :- Layout & Schedule of R.C.C Beam & Slab At First Floor Level

PROJECT PLANNER :- SAVJANI A & E CONSULTANTS

LOCATION :-	FOR :-	PROJECT :-
TALUKA: KODINAR DISTRICT: GIR SOMNATH	SAMAGRA SHIKSHA GANDHINAGAR	SCHOOL BUILDING
CHECKED:-	DRAWN:- PARESH	SCALE :- N.T.S
DATE:- 21/12/2021	DRG. NO. :-2021-03	

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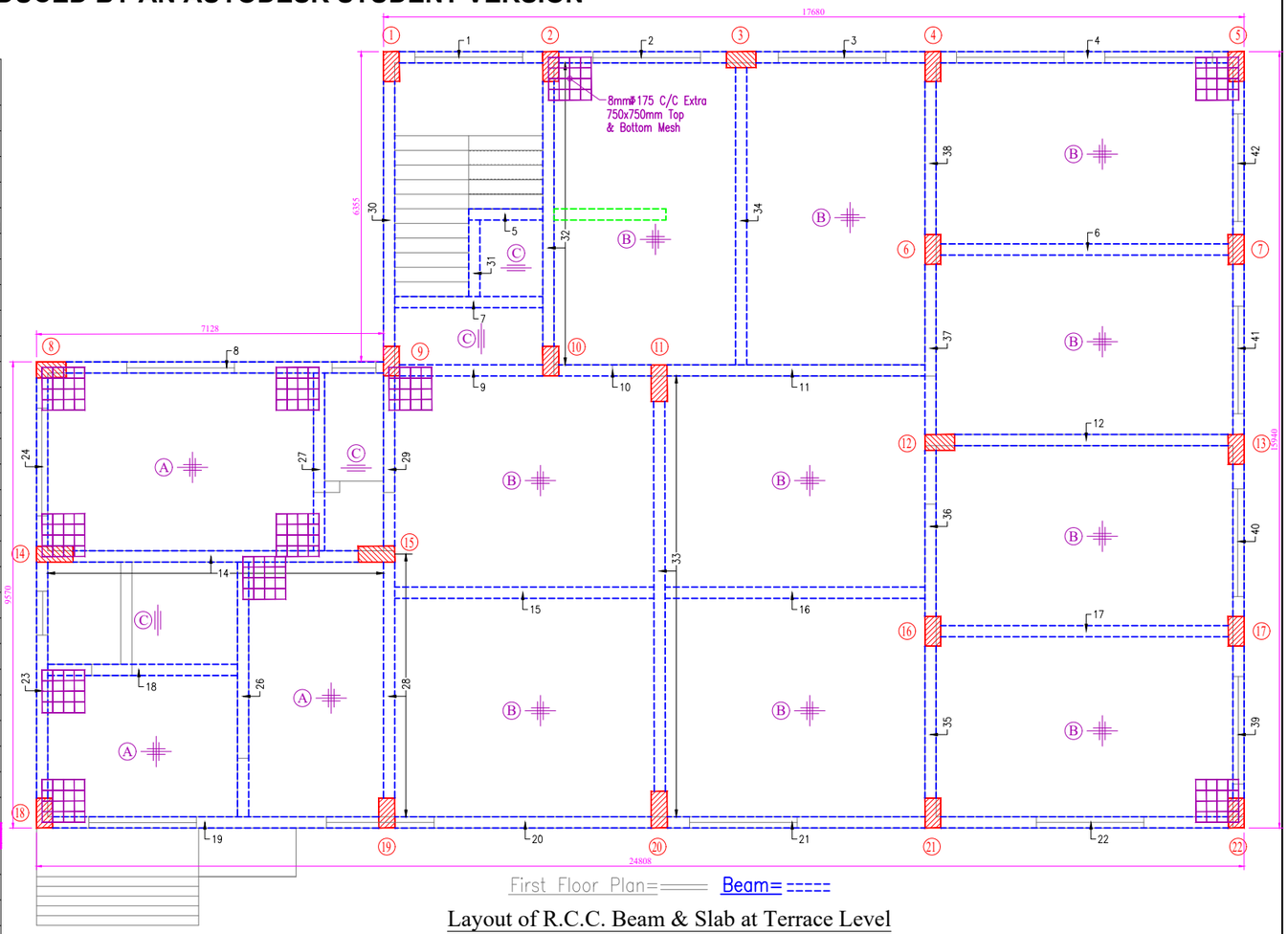
SCHEDULE OF R.C.C. BEAMS @ TERRACE LEVEL (M-25)

BEAM NO.	SIZE B	SIZE D	BOTTOM STEEL FULL BAR	BOTTOM STEEL MID CURTAIL BAR	TOP STEEL FULL BAR	TOP STEEL LEFT CURTAIL BAR	TOP STEEL RIGHT CURTAIL BAR	STIRRUPS STEEL	STIRRUPS SUPPORT C/C	STIRRUPS CENTER C/C	REMARK
1	230	610	3Φ 12 mm	1Φ 12 mm	2Φ 12 mm	2Φ 12 mm	2Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
2	230	610	3Φ 12 mm	1Φ 12 mm	2Φ 12 mm	2Φ 16 mm Common With Priv. Beam	2Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
3	230	610	3Φ 12 mm	1Φ 12 mm	2Φ 12 mm	2Φ 16 mm Common With Priv. Beam	2Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
4	230	610	2Φ 16 mm	2Φ 16 mm	2Φ 16 mm	2Φ 16 mm Common With Priv. Beam	2Φ 16 mm	8 mmΦ	100	200	
5	230	460	2Φ 16 mm	———	2Φ16+3Φ16mm Bent Back	———	———	8 mmΦ	100	100	Cantilever Beam Ext. Top Bar 2300mm In Slab B/H
6,17	230	610	3Φ 16 mm	2Φ 16 mm	2Φ 16 mm	2Φ 16 mm	2Φ 16 mm	8 mmΦ	100	200	
7	230	460	3Φ 12 mm	1Φ 12 mm	2Φ 12 mm	1Φ 12 mm	1Φ 12 mm	8 mmΦ	100	200	
8	230	610	3Φ 16 mm	2Φ 16 mm	2Φ 16 mm	3Φ 16 mm	3Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
9	230	460	3Φ 12 mm	1Φ 12 mm	2Φ 12 mm	3Φ 16 mm Common With Priv. Beam	2Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
10	230	610	3Φ 12 mm	———	2Φ 12 mm	2Φ 16 mm Common With Priv. Beam	2Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
11	230	610	2Φ 16 mm	2Φ 12 mm	2Φ 12 mm	2Φ 16 mm Common With Priv. Beam	1Φ 12 mm	8 mmΦ	100	200	
12	230	610	3Φ 16 mm	2Φ 16 mm	2Φ 16 mm	2Φ 16 mm	2Φ 16 mm	8 mmΦ	100	200	
14	230	610	3Φ 16 mm	3Φ 16 mm	2Φ 16 mm	3Φ 16 mm	3Φ 16 mm	8 mmΦ	100	200	
15,16	230	460	3Φ 16 mm	2Φ 16 mm	2Φ 16 mm	1Φ 12 mm Common With Priv. Beam	1Φ 12 mm Common With Next Beam	8 mmΦ	100	200	
18	230	460	3Φ 12 mm	1Φ 12 mm	2Φ 12 mm	1Φ 12 mm	1Φ 12 mm	8 mmΦ	200	200	
19	230	610	3Φ 16 mm	2Φ 16 mm	3Φ 16 mm	3Φ 16 mm	3Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
20	230	610	2Φ 16 mm	2Φ 16 mm	3Φ 16 mm	3Φ 16 mm Common With Priv. Beam	2Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
21	230	610	2Φ 16 mm	2Φ 16 mm	2Φ 16 mm	2Φ 16 mm Common With Priv. Beam	2Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
22	230	610	2Φ 16 mm	2Φ 16 mm	2Φ 16 mm	2Φ 16 mm Common With Priv. Beam	2Φ 16 mm	8 mmΦ	100	200	
23	230	610	2Φ 16 mm	2Φ 16 mm	2Φ 16 mm	2Φ 16 mm	2Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
24	230	610	3Φ 12 mm	1Φ 12 mm	2Φ 12 mm	2Φ 16 mm Common With Priv. Beam	2Φ 16 mm	8 mmΦ	100	200	
26	230	610	2Φ 16 mm	2Φ 16 mm	2Φ 16 mm	1Φ 12 mm	1Φ 12 mm	8 mmΦ	100	200	
27	230	460	3Φ 12 mm	1Φ 12 mm	2Φ 12 mm	1Φ 12 mm	1Φ 12 mm	8 mmΦ	200	200	
28	230	610	2Φ 16 mm	2Φ 16 mm	2Φ 12 mm	2Φ 16 mm	2Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
29	230	610	2Φ 16 mm	1Φ 16 mm	2Φ 16 mm	2Φ 16 mm Common With Priv. Beam	2Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
30	230	610	2Φ 16 mm	2Φ 16 mm	2Φ 16 mm	2Φ 16 mm Common With Priv. Beam	2Φ 16 mm	8 mmΦ	100	200	
31	230	460	3Φ 12 mm	———	3Φ 12 mm	———	———	8 mmΦ	200	200	
32	230	610	2Φ 20 mm	2Φ 20 mm	2Φ 20 mm	3Φ 20 mm	3Φ 20 mm	8 mmΦ	100	200	
33	230	610	3Φ 20 mm	3Φ 20 mm	3Φ 20 mm	3Φ 20 mm	3Φ 20 mm	10mmΦ	100	200	
34	230	610	3Φ 16 mm	2Φ 16 mm	2Φ 16 mm	1Φ 12 mm	2Φ 16 mm	8 mmΦ	100	200	
35	230	610	3Φ 12 mm	1Φ 12 mm	2Φ 12 mm	2Φ 16 mm	2Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
36	230	610	3Φ 12 mm	1Φ 12 mm	2Φ 12 mm	2Φ 16 mm Common With Priv. Beam	2Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
37	230	610	3Φ 12 mm	1Φ 12 mm	2Φ 12 mm	2Φ 16 mm Common With Priv. Beam	2Φ 16 mm Common With Next Beam	8 mmΦ	100	200	
38	230	610	3Φ 12 mm	1Φ 12 mm	2Φ 12 mm	2Φ 16 mm Common With Priv. Beam	2Φ 16 mm	8 mmΦ	100	200	
39 TO 42	230	610	3Φ 12 mm	1Φ 12 mm	2Φ 12 mm	2Φ 12 mm Common With Priv. Beam	2Φ 12 mm Common With Next Beam	8 mmΦ	100	200	

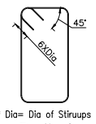
Note:– Beam No. 13,25 Are Not In Drawing.



Layout of R.C.C. Beam & Slab at Terrace Level

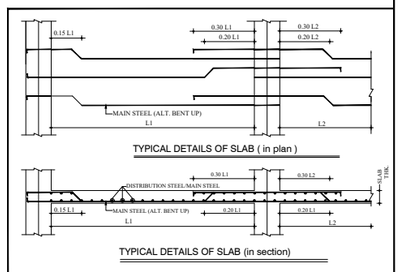
SCHEDULE OF SLAB (M-25)

SLAB NO.	THK.	REINFORCEMENT IN MAIN SPAN	REINFORCEMENT IN SECONDRY SPAN	REMARK
A	125	10mmΦ150 C/C Alternate Bent up	8mmΦ 150 C/C Alternate Bent up	Two Way Slab
B	138	10mmΦ 150 C/C Alternate Bent up Both Way		Two Way Slab
C	125	8mmΦ150 C/C Alternate Bent up	8mmΦ 150 C/C Distribution Steel	One Way Slab



* Dia= Dia of Stiruups

Details of Beam Stirrups



TYPICAL DETAILS OF SLAB (in plan)

TYPICAL DETAILS OF SLAB (in section)

R0	Discription	Date

Revision

Notes

- Φ DENOTE STEELS Fe = 500 TMT
- CLEAR COVER TO STEEL AS UNDER

a) SLAB 20MM d) FOOTING 50MM
b) BEAM 35 MM e) CHHAJJA 15MM
c) COLUMN 40MM f) R.C.C. WALL 20MM

Schedule of Lap Length

(If Otherwise Specified)

	MIX	TOR
BEAMS,SLABS,TIES,etc.	M–25	50Φ
COLUMNS,WALLS,etc.	M–25	50Φ

Notes

GENERAL :This drawing shall be read with architect's drawing & our general drawing for details of (i) Cover to bars (ii) anchorage (iii)bent bars and other typical details.

CENTERING :The centering for Structural members shall not be removed before concrete shall achieved a cube crushing strength at 7 days age at least 68% of its final cubs crushing strength. In normal cases where OPC is used forms may generaly be removed after the following period.

SLABS: Spanning up to 4.5 m–7 days, spanning up to 6m–21 days.

BEAMS SOFIT: With proposes left under –7 days; with proposes removed, spanning up to 6m – 14days, spanning over 6m–21 days.

WALLS / COLUMNS :24 HRS.,

VERTICALSIDE OF BEAMS :48 HRS. The number of propes & their sizes shall be such that so as to able to carry the full dead load of structural members & also the load due to the concreting & others construction operations. Site incharge will be full responsible for the same.

CONCRETE :Shall be M–25 grade if otherwise spacified.

STEEL :TOR STEEL : Conforming to IS 1786–1966 with its up to date revisions having ultimate tensile Strength 4935 Kg/sq.cm minimum yiad 42.5Kg/sq.cm (0.2% proof stress) elongstin 14.5%

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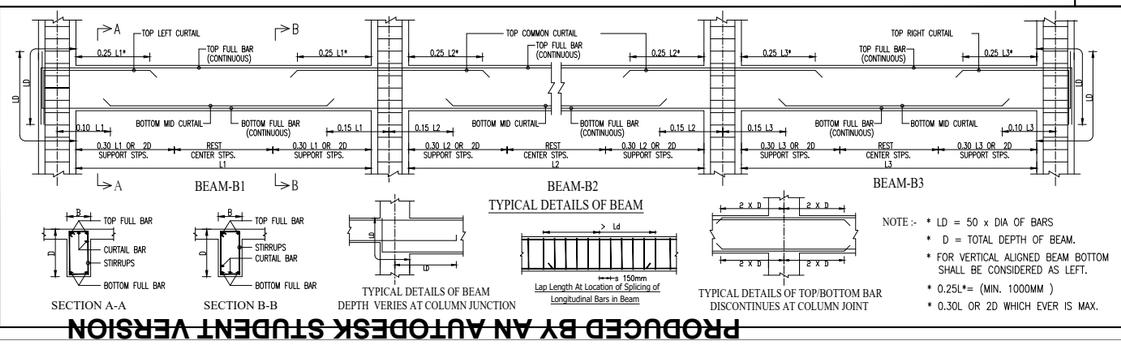

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* FOR VERTICAL ALIGNED BEAM BOTTOM SHALL BE CONSIDERED AS LEFT.
* 0.25L*= (MIN. 1000MM)
* 0.30L OR 2D WHICH EVER IS MAX.

DRG. TITLE :– Layout & Schedule of R.C.C Beam & Slab At Terrace Level

PROJECT PLANNER :– SAVJANI A & E CONSULTANTS

LOCATION :–	FOR :–	PROJECT :–
TALUKA: KODINAR DISTRICT: GIR SOMNATH	SAMAGRA SHIKSHA GANDHINAGAR	SCHOOL BUILDING
CHECKED:–	DRAWN:– PARESH	SCALE :– N.T.S
DATE:– 21/12/2021	DRG. NO. :–2021-04	

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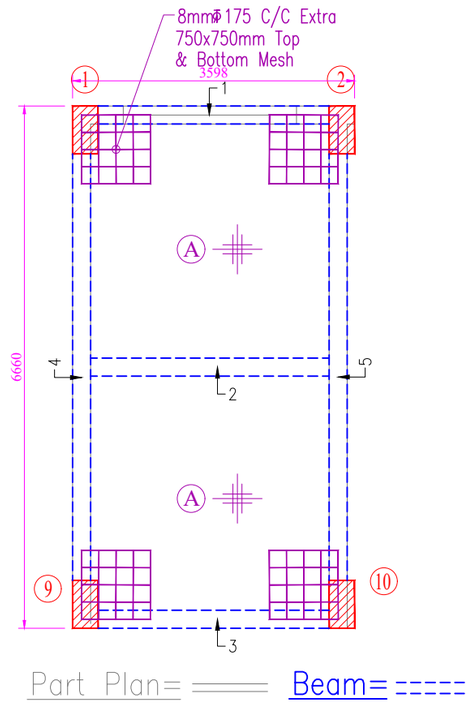


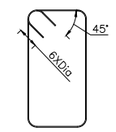
Layout of R.C.C. Beam & Slab at Stair Cabin Level

SCHEDULE OF R.C.C. BEAMS @ STAIR CABIN LEVEL (M-25)

BEAM NO.	SIZE		BOTTOM STEEL		TOP STEEL			STIRRUPS			REMARK
	B	D	FULL BAR	MID CURTAIL BAR	FULL BAR	LEFT CURTAIL BAR	RIGHT CURTAIL BAR	STEEL	SUPPORT C/C	CENTER C/C	
1,3	230	610	3Φ 12 mm	1Φ 12 mm	2Φ 12 mm	1Φ 12 mm	1Φ 12 mm	8 mmΦ	100	200	
2	230	610	3Φ 12 mm	1Φ 12 mm	2Φ 12 mm	1Φ 12 mm	1Φ 12 mm	8 mmΦ	100	200	
4,5	230	610	3Φ 12 mm	1Φ 12 mm	2Φ 12 mm	2Φ 16 mm	2Φ 16 mm	8 mmΦ	100	200	

SCHEDULE OF SLAB (M-25)

SLAB NO.	THK.	REINFORCEMENT IN MAIN SPAN	REINFORCEMENT IN SECONDRY SPAN	REMARK
A	125	10mmΦ 150 C/C Alternate Bent up Both Way		Two Way Slab



* Dia= Dia of Stiruups

Details of Beam Stirrups

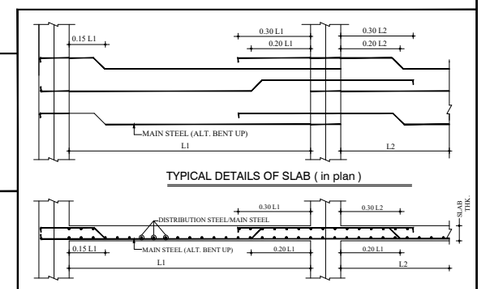
Notes

- Φ DENOTE STEELS Fe = 500 TMT
- CLEAR COVER TO STEEL AS UNDER
  - a) SLAB 20MM
  - b) BEAM 35 MM
  - c) COLUMN 40MM
  - d) FOOTING 50MM
  - e) CHHAJJA 15MM
  - f) R.C.C. WALL 20MM

Schedule of Lap Length

(If Otherwise Specified)

	MIX	TOR
BEAMS,SLABS,TIES,etc.	M-25	50Φ
COLUMNS,WALLS,etc.	M-25	50Φ



TYPICAL DETAILS OF SLAB (in plan)

TYPICAL DETAILS OF SLAB (in section)

R0	Discription	Date

Revision

Notes

GENERAL :This drawing shall be read with architect's drawing & our general drawing for details of (i) Cover to bars (ii) anchorage (iii)bent bars and other typical details.

CENTERING :The centering for Structural members shall not be removed before concrete shall achieved a cube crushing strength at 7 days age at least 68% of its final cubs crushing strength. In normal cases where OPC is used forms may generaly be removed after the following period.

SLABS: Spanning up to 4.5 m-7 days, spanning up to 6m-21 days.

BEAMS SOFIT: With proposes left under -7 days; with proposes removed, spanning up to 6m - 14days, spanning over 6m-21 days.

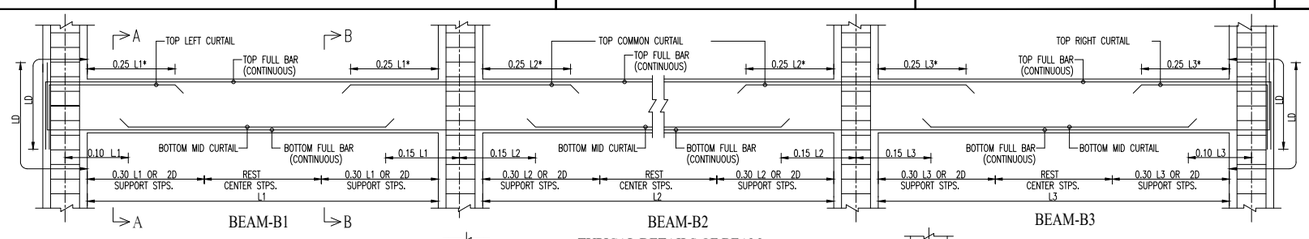
WALLS / COLUMNS :24 HRS.,

VERTICALSIDE OF BEAMS :48 HRS. The number of propes & their sizes shall be such that so as to able to carry the full dead load of structural members & also the load due to the concreting & others construction operations. Site incharge will be full responsible for the same.

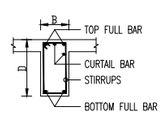
CONCRETE :Shall be M-25 grade if otherwise spacified.

STEEL :TOR STEEL : Conforming to IS 1786-1966 with its up to date revisions having ultimate tensile Strength 4935 Kg/sq.cm minimum yiad 42.5Kg/sq.cm (0.2% proof stress) elongstin 14.5%

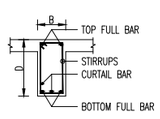
MATERIAL TESTING AND CONCRETE CUBE TEST: be done by the site in charge at approved lab, or institute and result shall be produce to us.



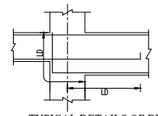
TYPICAL DETAILS OF BEAM



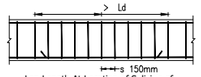
SECTION A-A



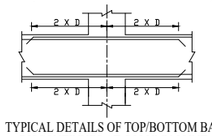
SECTION B-B



TYPICAL DETAILS OF BEAM DEPTH VERIES AT COLUMN JUNCTION



Lap Length At Location of Splicing of Longitudinal Bars in Beam



TYPICAL DETAILS OF TOP/BOTTOM BAR DISCONTINUES AT COLUMN JOINT

NOTE :-
- * LD = 50 x DIA OF BARS
- * D = TOTAL DEPTH OF BEAM.
- * FOR VERTICAL ALIGNED BEAM BOTTOM SHALL BE CONSIDERED AS LEFT.
- * 0.25L*= (MIN. 1000MM)
- * 0.30L OR 2D WHICH EVER IS MAX.

DRG. TITLE :- Layout & Schedule of R.C.C Beam & Slab At Stair Cabin Level

PROJECT PLANNER :- SAVJANI A & E CONSULTANTS

LOCATION :-	FOR :-	PROJECT :-
TALUKA: KODINAR DISTRICT: GIR SOMNATH	SAMAGRA SHIKSHA GANDHINAGAR	SCHOOL BUILDING
CHECKED:-	DRAWN:- PARESH	SCALE :- N.T.S
DATE:- 21/12/2021	DRG. NO. :-2021-05	

Savan Kakadia & Associates
Structural Consultant
E-mail :- skassociates172@gmail.com
401, Shree Gayatri Arcade, Opp. Flowrence Hospital, Rajnagar Chowk, Rajkot - 360002, Phone :- 7859967683

PRODUCED BY AN AUTODESK STUDENT VERSION
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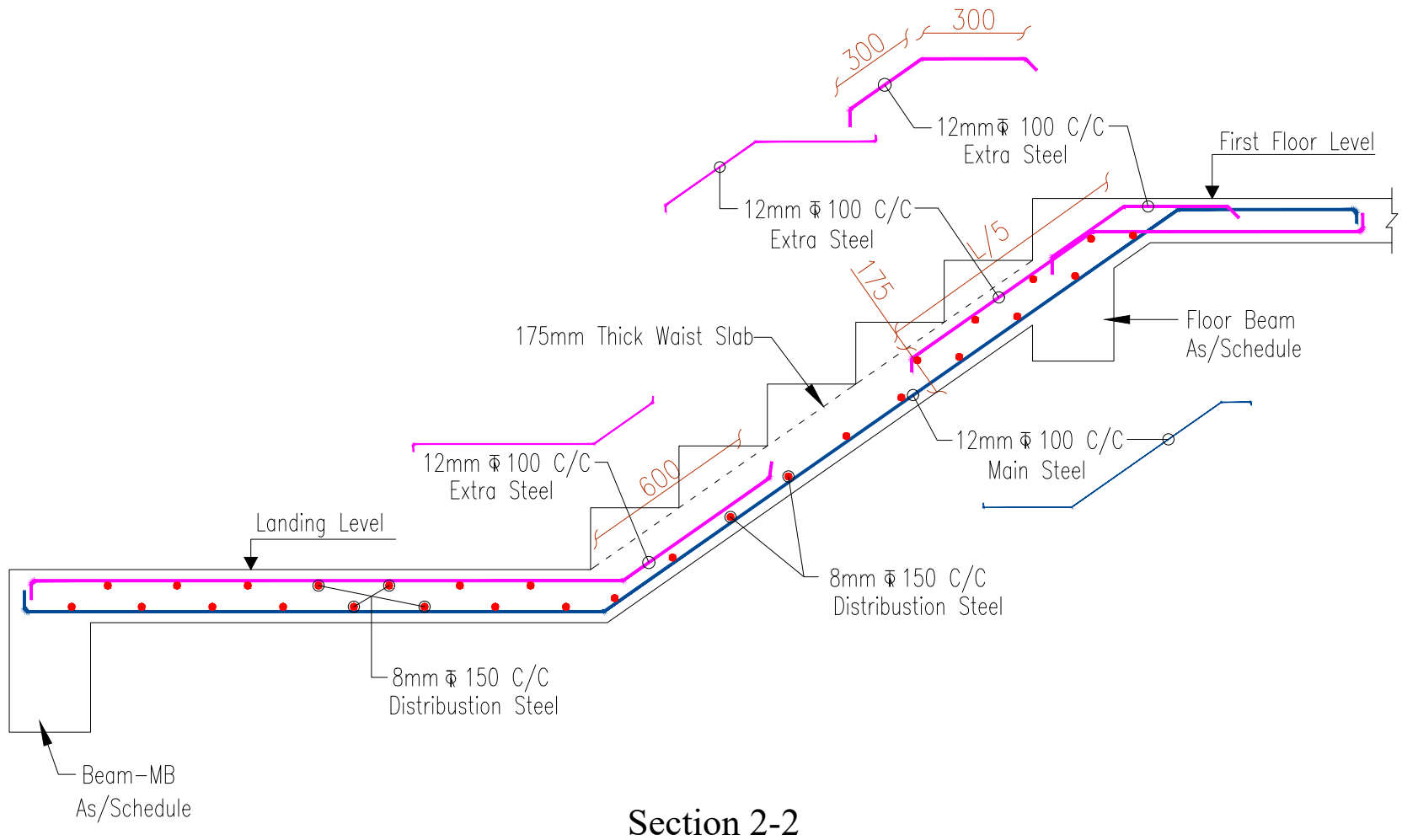
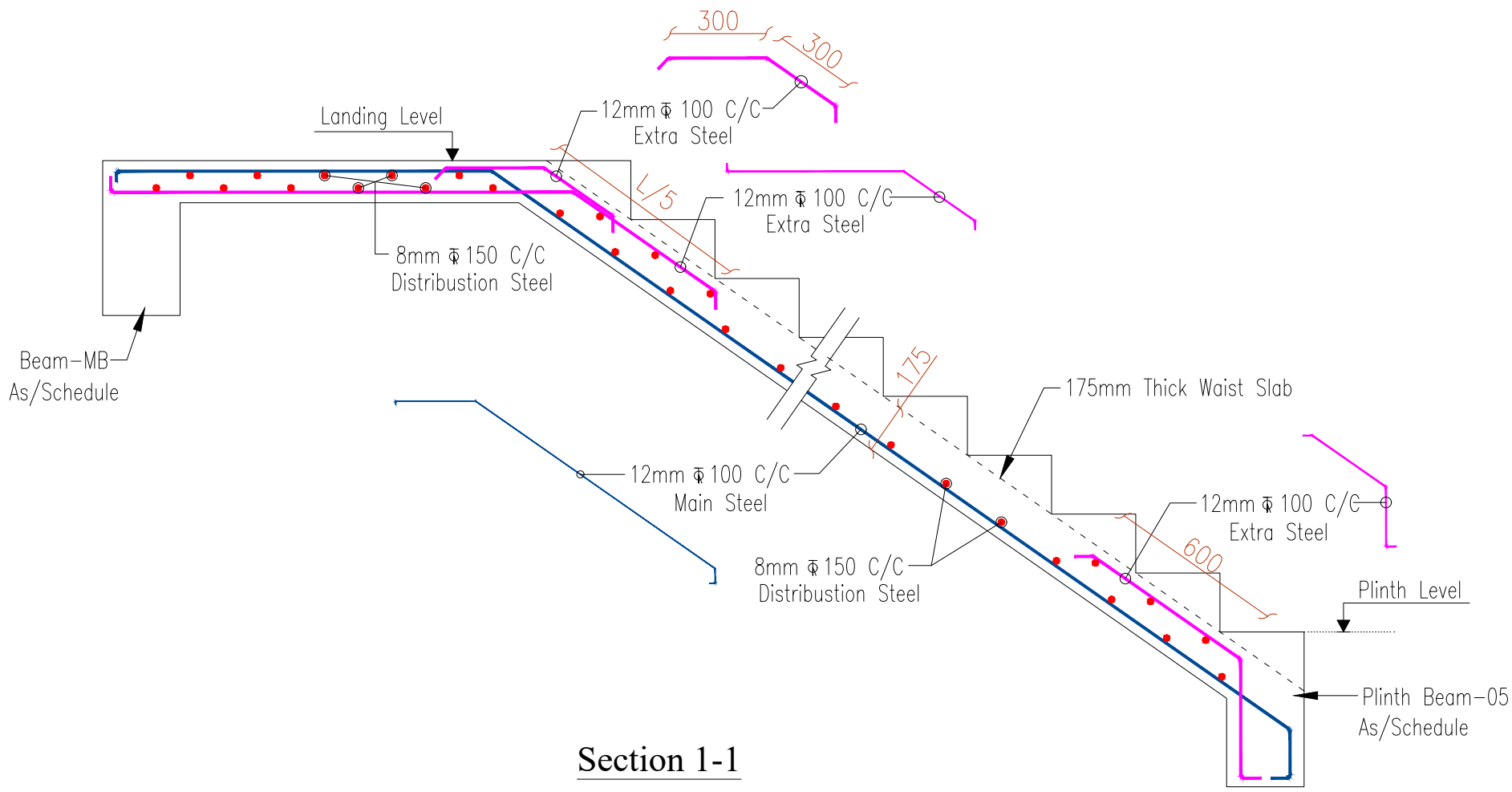
PRODUCED BY AN AUTODESK STUDENT VERSION



Section 2-2



Section 1-1

DRG. TITLE :- Typical Stair Section		DATE:- 21/12/2021	DRG. NO. :- 2021-02 (Sheet:-2/2)
PROJECT PLANNER :- SAVJANI A & E CONSULTANTS			Savan Kakadia & Associates Structural Consultant E-mail :- skassociates172@gmail.com
LOCATION :- TALUKA: KODINAR DISTRICT: GIR SOMNATH	FOR :- SAMAGRA SHIKSHA GANDHINAGAR	PROJECT :- SCHOOL BUILDING	
CHECKED:-	DRAWN:- PARESH	SCALE :- N.T.S	401, Shree Gayatri Arcade, Opp. Flowrence Hospital, Rajnagar Chowk, Rajkot - 360002, Phone :- 7859967683

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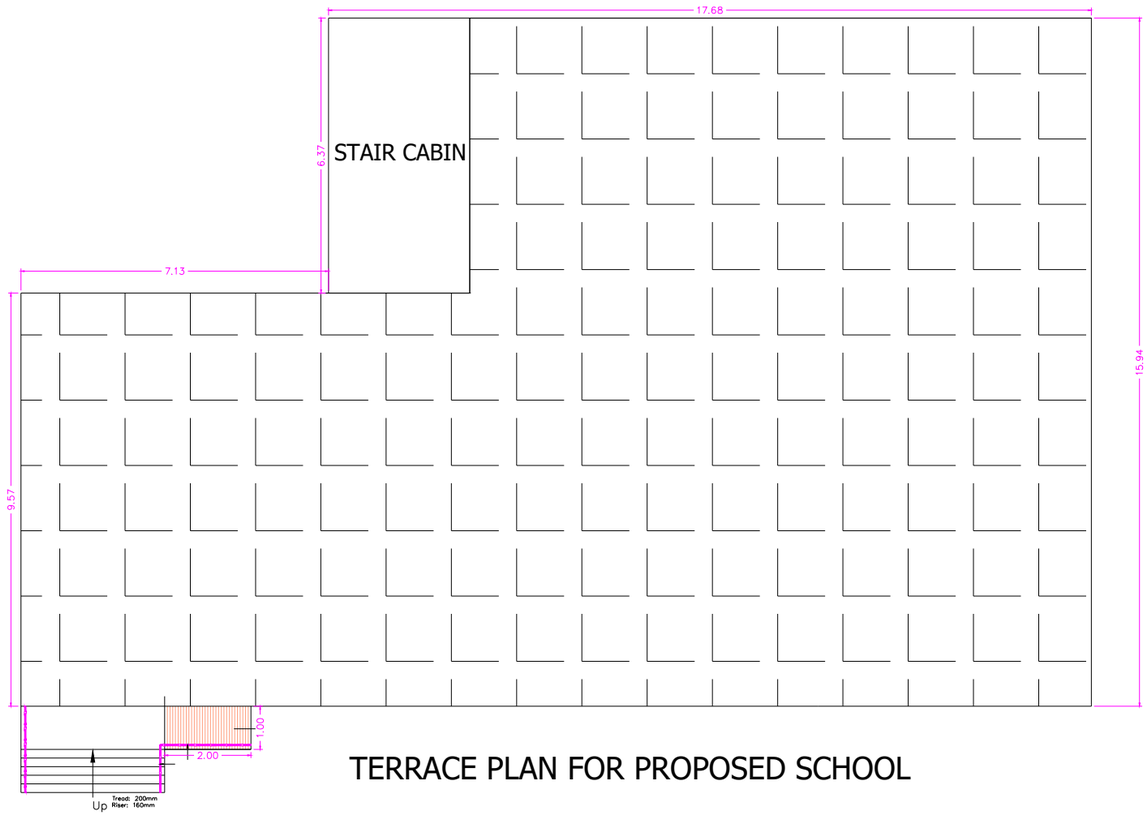
PRODUCED BY AN AUTODESK STUDENT VERSION

SITE PLAN FOR PROPOSED SCHOOL



TERRACE PLAN FOR PROPOSED SCHOOL

SARAKADI SCHOOL TALUKA :KODINAR DISTRICT : GIR SOMNATH	OWNER SAMAGRA SHIKSHA GANDHINAGAR STATE : GUJARAT	N North
NAME OF WORK : CONSTRUCTION OF NEW SCHOOL BUILDING	AUTHORITY H.P.C.L. L.N.G. - CHHARA	
SCHEME : CSR (HPLNG)		
SCALE :- NOT TO SCALE		
LEGEND		

PROJECT CONSULTANT
SAVJANI A & E CONSULTANTS
318 - TORRAL COMPLEX, OPP. S.B.I.
N/r. SHASTRI MAIDAN, JAWAHAR ROAD
RAJKOT - 360 001 (GUJARAT)
PH. : (0281) 22 30 30 1,
E-mail - info.saecindia@gmail.com

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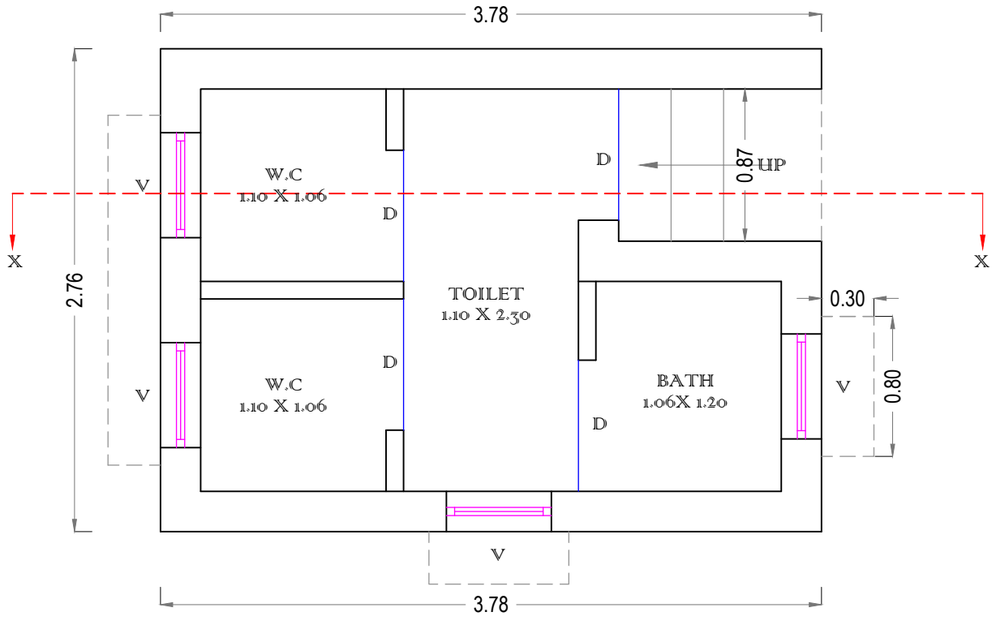
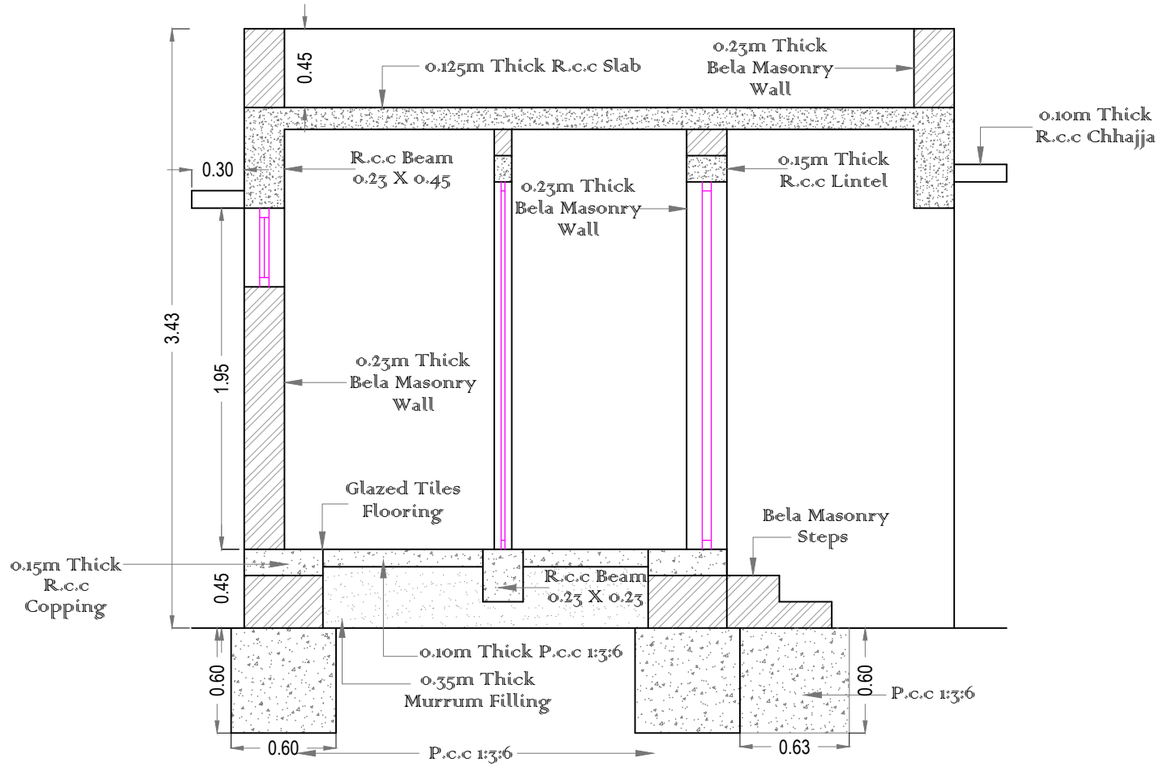
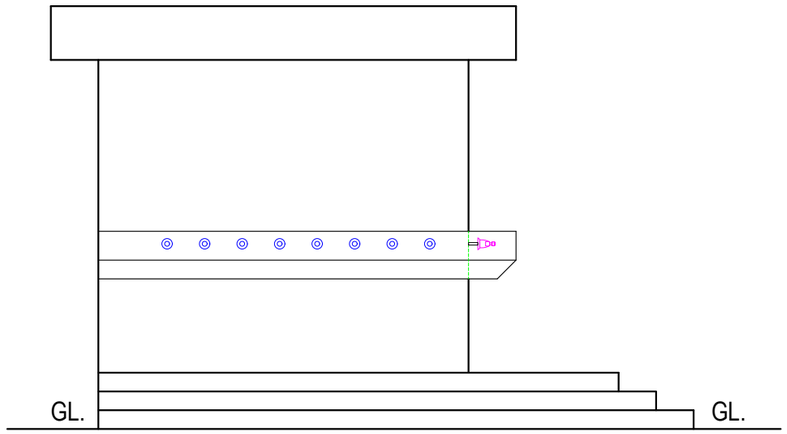


PLAN FOR PROPOSED TOILET BLOCK

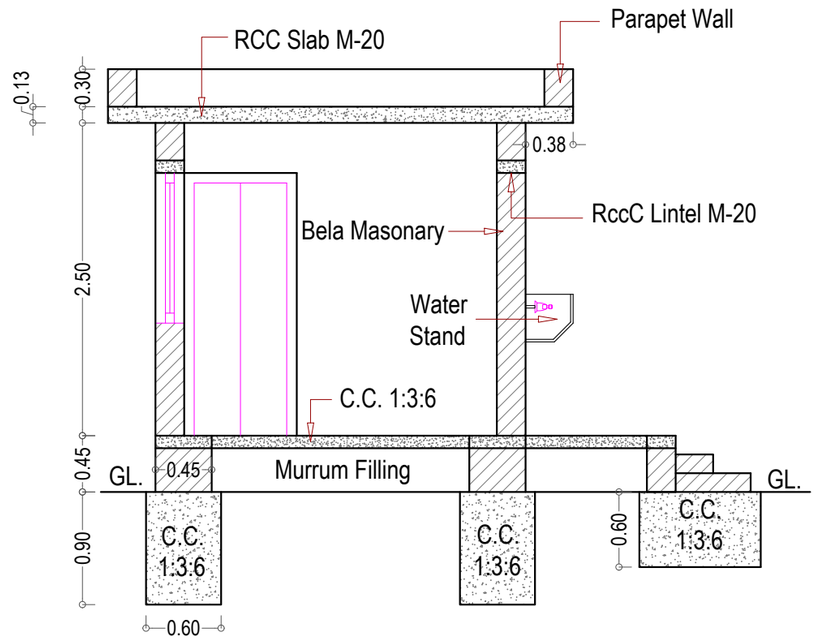


SECTION FOR PROPOSED TOILET BLOCK

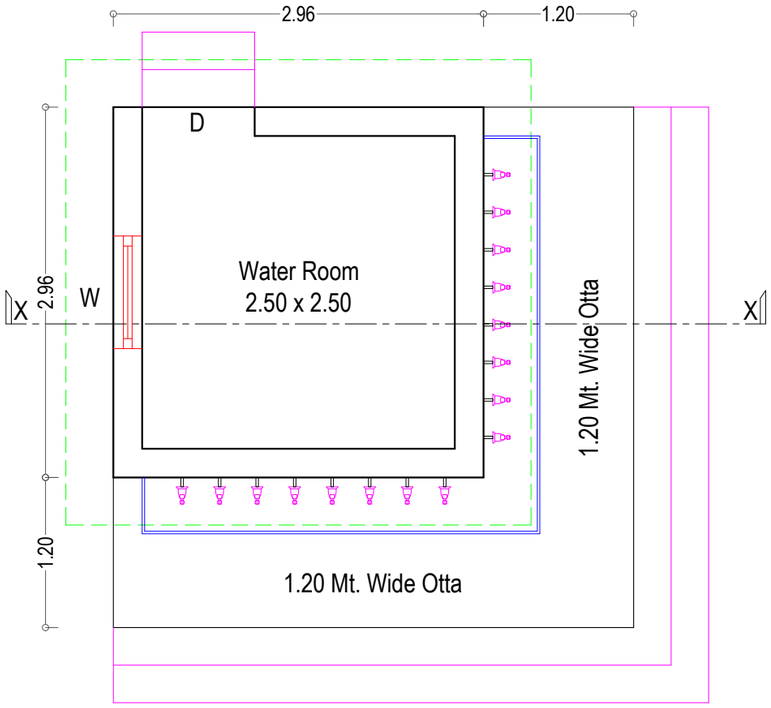
DETAIL
DRAWING -09



Front Elevation



Section - XX



Ground Floor Plan

Door & Window Schedule			
Door	D	0.90 x 2.10	1No.
Window	W	0.90 x 1.20	1No.

G.F. Built Up Area..8.76 Sqmt.

KANYA & KUMAR SHALA
TALUKA :KODINAR (SARAKHADI)
DISTRICT : GIR SOMNATH
NAME OF WORK : WATER ROOM
SCHEME : CSR (HPLNG)

North

SCALE :- NOT TO SCALE

OWNER
SAMAGRA SHIKSHA
GANDHINAGAR
STATE : GUJARAT

AUTHORITY
H.P.C.L. L.N.G. - CHHARA

PROJECT CONSULTANT
SAVJANI A & E CONSULTANTS
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N/r. SHASTRI MAIDAN, JAWAHAR ROAD
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E-mail - info.saecindia@gmail.com

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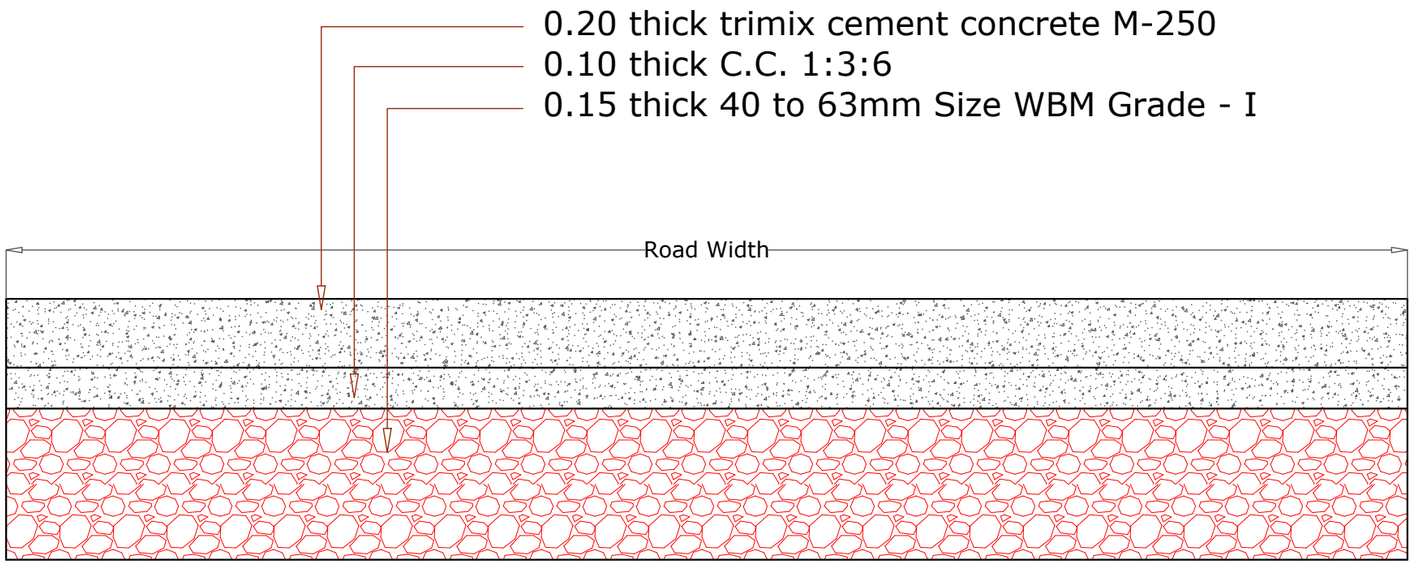

PROPOSED C.C ROAD TYPICAL SECTION

SARAKADI SCHOOL
TALUKA : KODINAR
DISTRICT : GIR SOMNATH
NAME OF WORK : C.C ROAD

OWNER
SAMAGRA SHIKSHA
GANDHINAGAR
STATE : GUJARAT

N
North

AUTHORITY
H.P.C.L. L.N.G. - CHHARA

SCHEME : CSR (HPLNG)
SCALE :- NOT TO SCALE
LEGEND

PROJECT CONSULTANT
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