

NOTE:-

1. Read this drawing along with architectural & structural drawings.
2. Do not scale, follow written dimensions only. All dimension are in foot unless otherwise noted.
3. All dimensions & levels shall be checked & co-related with relevant architectural & structural drawing & in case of any ambiguity the matter shall be brought to the notice of the consultant before starting the work.
4. Grade of concrete shall be **M-20** & shall be conforming to IS: 456 - 2000.
5. Reinforcement steel shall be High Strength Deformed TMT bars as per IS: 1786 - 1985 and having a minimum yield strength of **500 N/mm²** and having elongation more than 14.5%.
6. Clear cover to main reinforcement shall be 50 mm for footing, 40 mm for column, 25 mm for Beam and 20 mm for slab. Side cover of footing shall be 75mm.
7. Not more than 50% of bars shall be lapped at any section.
8. Lap length shall be equal to $L_d = 57$ times smaller Dia of bars and shall be avoided in following cases - Top bars - near support, Bottom bars - near midspan.
9. Wherever necessary chairs shall be provided to support the top reinforcement in position.
10. All concrete shall be machine mixed and machine vibrated.
11. Sufficient concrete cube test and steel yield strength test is to be performed for different batches & report shall be submitted to proper authority.
12. Use 10% extra cement in concrete for casting under the water table.
13. Bearing Capacity of the soil is below Ground level as per given by client.
14. Foundation has been designed for **(G + 2)** structure only
15. L_d means 57 times of dia of bars.
16. Structure is designed for earthquake zone IV
17. For any ambiguity, discrepancy, deficient provision (if any felt necessary) etc must be brought to the notice of consultant/design office for clarification and work must be carried out after obtaining approval from competent authority.

KHAATA NO:- 179
 PLOT NO :- 3105
 AREA :- 07 DECIMAL
 THANNA NO:- 80
 MOUZA :- GOTRA
 BOUNDARY:-
 NORTH:- PLOT 3105
 SOUTH:- ROAD 12'
 EAST:- PLOT 3105
 WEST:- PLOT 3105

CLIENT:- AJIT MARCEL KERKETTA

NAME OF PROJECT :- RESIDENTIAL HOUSE

TITLE :- Submission plan

SHEET NO :-01 | SIMDEGA

ITEM	DESCRIPTION	UNIT	QUANTITY	REMARKS
1	CEMENT	50 KG BAGS	1000	
2	BRICKS	NO.	10000	
3	ROLLING SHUTTER	NO.	1	
4	ALUMINIUM WINDOW	NO.	2	
5	CELLING VANTILATOR	NO.	1	

SPECIFICATIONS

1. BRICKWORK IN FOUNDATION & PLINTH SHALL BE OF FIRST CLASS BRICK IN CEMENT MORTAR 1:4 AND HALF BRICK WILL BE 1:4 CEMENT MORTAR
2. MASONRY FOUNDATION WITH ISOLATED R.C.C COLUMN SHALL BE PROVIDED
3. CURTAIN GLAZING/ STRUCTURAL GLAZING OF GOOD QUALITY AND MARK VENTILATOR SYSTEM SHALL BE USED
4. ROLLING SHUTTER SHALL BE USED FOR SHOPS OPENINGS
5. MS GLAZED/ANODIZED ALUMINIUM/CLC SECCOLOR WINDOW AND R.C.C WITH CEMENT MORTAR 1:4
6. ALL R.C.C WORKS SHALL BE DONE IN 1:1.5:3 (M20) MIX CONCRETE TMT STEEL BARS OF 500 SHALL BE USED IN R.C.C STRUCTURES COMMERCIAL QUALITY
7. ALL MASONRY SURFACE SHALL BE PLASTERED WITH CEMENT MORTAR 1:4 OVER R.C.C SLAB / P.C.C
8. ALL STEEL AND VOID WORK SHALL BE PAINTED WITH SYNTHETIC PAINT
9. ALL SANITARY AND ELECTRICAL FITTINGS SHALL BE OF STANDARD MARK AND WORKMANSHIP
10. KOTTA STONE / MOSAIC FLOORING INCLUDING STAIRCASE SHALL BE USED

SCHEDULE OF OPENINGS

S.NO.	SIZE	DESCRIPTION
1.	D	1.1X2.10 Sal wood chaukhat & Gamhar wood shutter
2.	D1	.90X2.10 Sal wood chaukhat & Gamhar wood shutter
3.	D2	.75X2.10 Sal wood chaukhat & Gamhar wood shutter
4.	W	1.50X1.20 Fully glazed window
5.	W1	1.20X1.20 Fully glazed window
6.	W2	.90X1.20 Fully glazed window
7.	V	.60X.60 CELLING VANTILATOR
8.	C.G	2.10X2.10

SCHEDULE OF AREA

1. TOTAL PLOT AREA AS PER SITE	: 284.28 SQM
2. PROPOSED AREA AT GROUND FLOOR	: 113.69 SQM
3. TOTAL BUILD UP AREA	: 113.69 SQM
4. COVERED AREA	: $\frac{113.69 \times 100}{284.28} = 39.99\%$

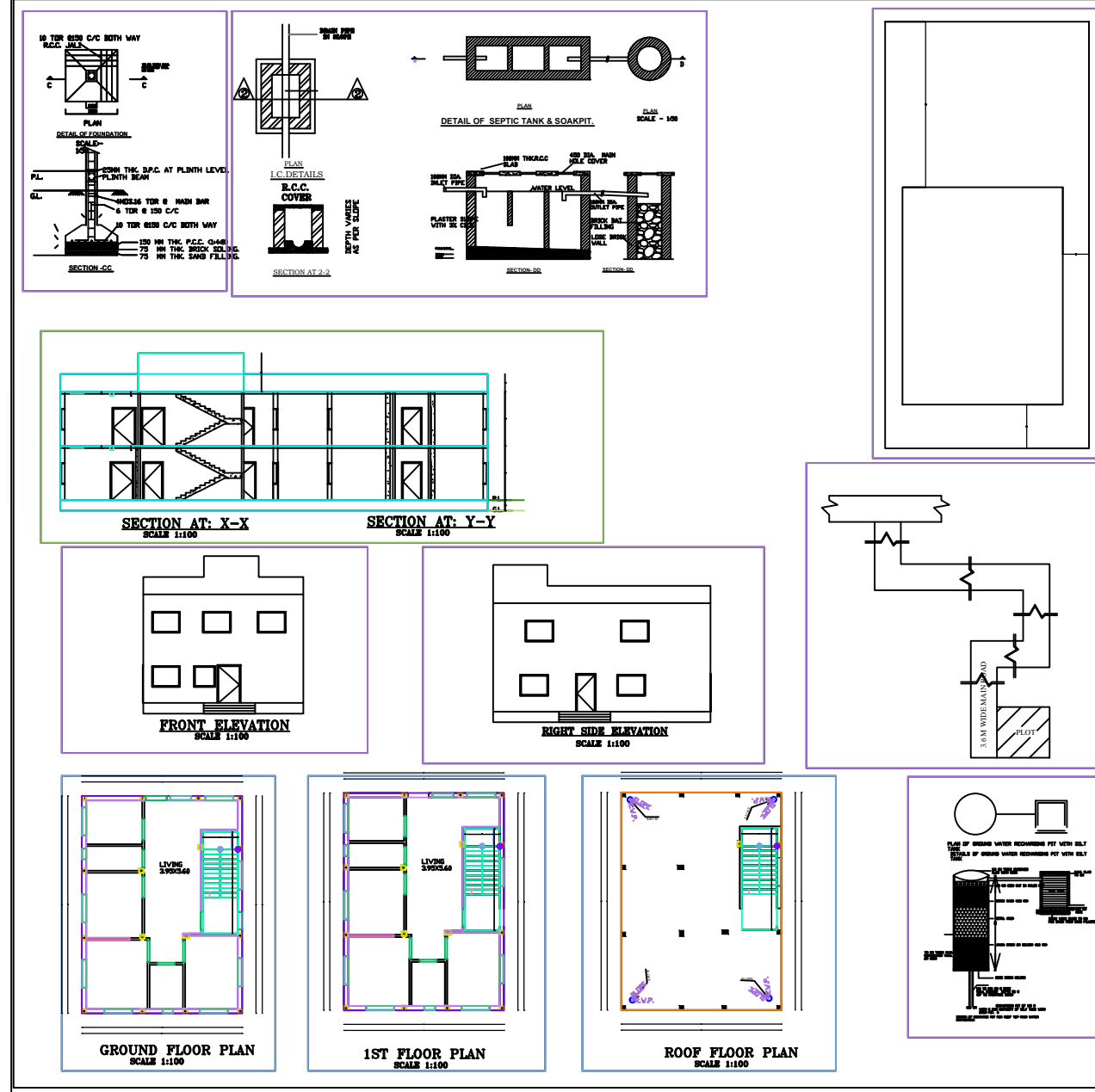
PROPOSED RESIDENTIAL BUILDING FOR
 MR- AJIT MARCEL KERKETTA
 S/D - LATE PASCAL KERKETTA
 KHATA NO - 179 , PLOT NO -3105.
 RAKVA.- 07.00 DISMIL.
 THANA NO - 80.
 MOHALLA - MARIYAMPUR
 MAUZA - GOTRA.
 DIST. - SIMDEGA (JHARKHAND)
R.S CONSULTANT
 SONAR TOLL NEAR SAMLESHWARI TVS
 MAIN ROAD SIMDEGA JHARKHAND
 MOBILE - 7008030927

SCALE - 1:100 SH.NO.

AS MENTIONED 1/1

SIGNATURE OF I.C. ENGINEER: NAGAR PARMOD SIMDEGA

SIGNATURE OF OWNER:



Building A (BUILDING)

Floor Name	Total Built Up Area (Sq.M)	Construction Area (Sq.M)	Total Plot Area (Sq.M)	Proposed Plot Area (Sq.M)
Ground Floor	113.69	113.69	284.28	113.69
1st Floor	113.69	113.69	284.28	113.69
Roof Floor	113.69	113.69	284.28	113.69
Total	341.07	341.07	284.28	341.07

SCHEDULE OF JOINERY

Item	Material	Quantity	Unit	Remarks
1	Sal wood	100	Sq.M	Chaukhat
2	Gamhar wood	100	Sq.M	Shutter
3	MS Glazed	2	NO.	Window
4	Rolling Shutter	1	NO.	Shop
5	Celling Vantilator	1	NO.	Celling

UNBILTA Table for Building A (BUILDING)

Floor	Name	Construction Type	Construction Area (Sq.M)	Volume (Cu.M)	No. of Columns	No. of Beams
GROUND	R.L.1	OTHER	113.69	113.69	12	1
1ST FLOOR	R.L.2	OTHER	113.69	113.69	12	1
ROOF	R.L.3	OTHER	113.69	113.69	12	1