

NOTE:-

1. Read this drawing along with architectural & structural drawings.
2. Do not scale, follow written dimensions only. All dimensions 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 confirmed 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 75 mm.
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.

Sl. No.	Description	Area (Sq.m)	Volume (Cu.m)	Remarks
1	Concrete	120.00	120.00	
2	Brickwork	150.00	150.00	
3	Plaster	100.00	100.00	
4	Paint	100.00	100.00	
5	Roofing	100.00	100.00	
6	Sanitary	100.00	100.00	
7	Electrical	100.00	100.00	
8	Flooring	100.00	100.00	
9	Staircase	100.00	100.00	
10	Other	100.00	100.00	

SPECIFICATIONS

1. BRICKWORK IN FOUNDATION & PLINTH SHALL BE OF FIRST CLASS BRICK IN CEMENT MORTAR 1:6 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/NCL 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
8. ALL MASONRY SURFACE SHALL BE PLASTERED WITH CEMENT MORTAR 1:6 OVER R.C.C SLAB / P.C.C
9. ALL STEEL AND WOOD WORK SHALL BE PAINTED WITH SYNTHETIC PAINT COMMERCIAL QUALITY
10. ALL SANITARY AND ELECTRICAL FITTINGS SHALL BE OF STANDARD MARK AND WORKMANSHIP
11. KOTTA STONE / MOSAIC FLOORING INCLUDING STAIRCASE SHALL BE USED

SL. NO.	SCHEDULE OF OPENINGS	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 VANTILOTER
8.	C.G	2.10X2.10

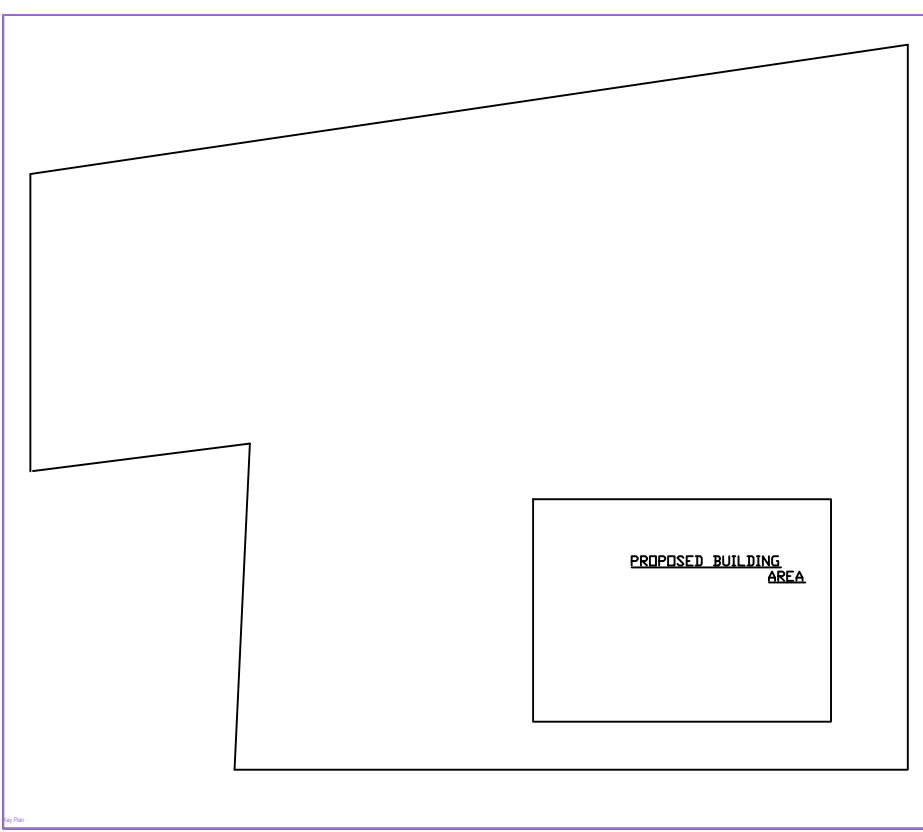
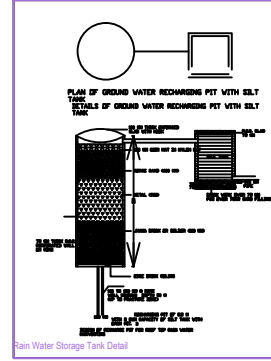
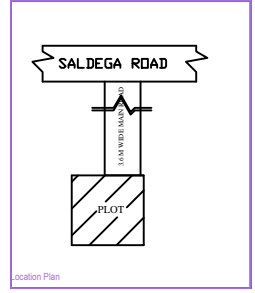
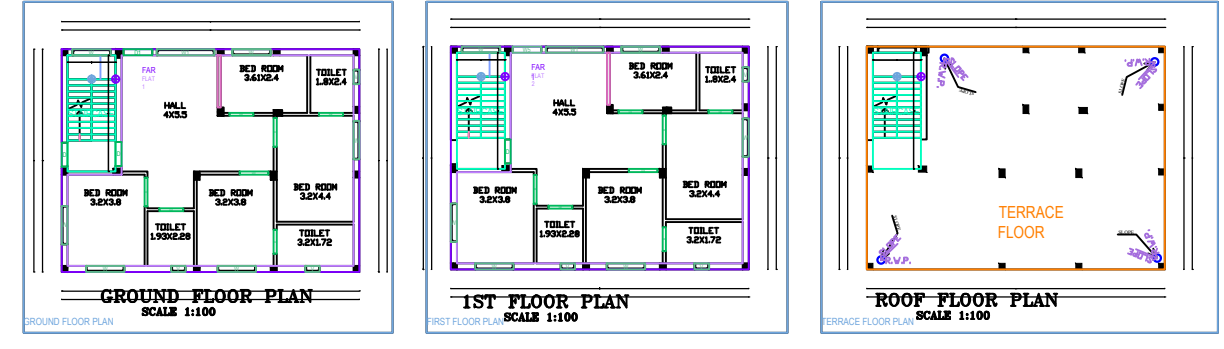
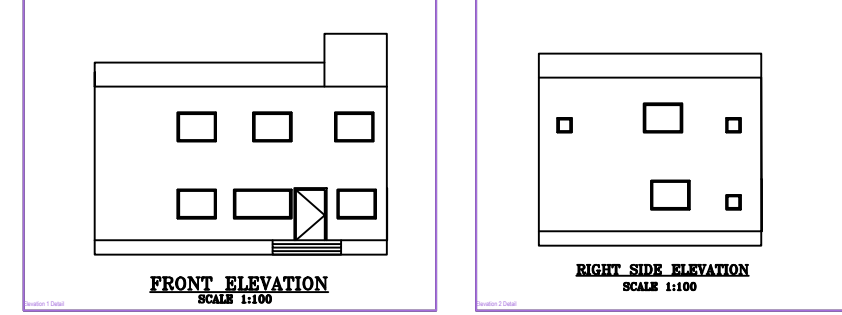
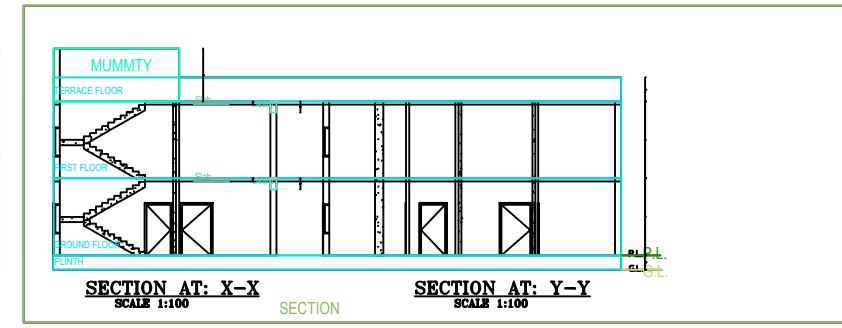
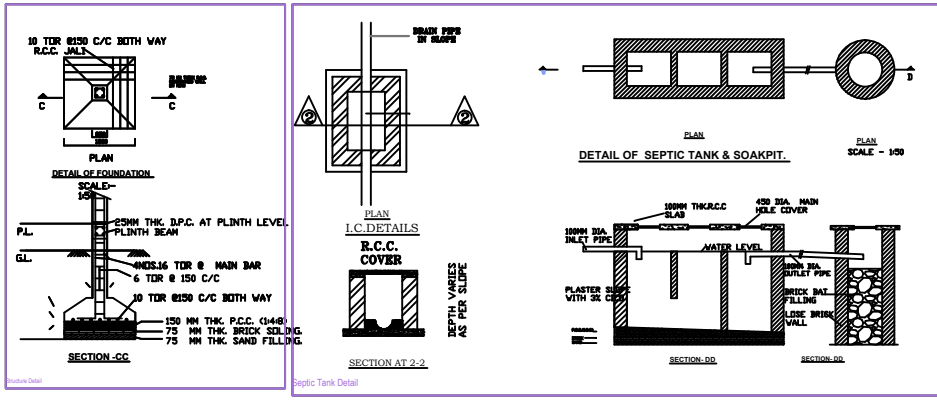
SCHEDULE OF AREA

1. TOTAL PLOT AREA AS PER SITE	: 889.97 SQM
2. PROPOSED AREA AT GROUND FLOOR	: 114.93 SQM
3. TOTAL BUILD UP AREA	: 114.93 SQM
4. COVERED AREA	: $\frac{114.93 \times 100}{889.97} = 12.91\%$

PROPOSED RESIDENTIAL BUILDING FOR MR SUDHIR PRADHAN S/D - LATE KARMU PRADHAN KHATA NO - 06 , PLOT NO -1135. RAKWA.- 22.00 DISMIL. THANA NO - 80. MDHALLA - SALDEGA MAUZA - SALDEGA. DIST. - SIMDEGA (JHARKHAND)

AS MENTIONED	SH. NO.	SCALE
AS MENTIONED	1/1	1:100

SIGNATURE OF LIC. ENGINEER NAGAR FARSEND SIMDEGA. SIGNATURE OF OWNER



KHAATA NO:- 06
PLOT NO :- 1135
AREA :- 22 DECIMAL
THANNA NO:- 80
MOUZA :- SALDEGA
BOUNDARY:-
NORTH:- LAND RAYMAN TETE
SOUTH:- LAND SUNIL DUNGUNG
EAST:- PLOT 1196
WEST:- 12' WIDE ROAD

CLIENT:- SUDHIR PRADHAN

NAME OF PROJECT :- RESIDENTIAL HOUSE

TITLE :- Submission plan

SHEET NO :-01 | SIMDEGA

Floor Name	Total Built Up Area (Sq.m)	Deductions (Area in Sq.m)	Total FAR Area (Sq.m)	Proposed FAR Area (Sq.m)
Ground Floor	114.93	0.00	114.93	114.93
1st Floor	114.93	0.00	114.93	114.93
Roof Floor	114.93	0.00	114.93	114.93
Total	344.79	0.00	344.79	344.79