



SPECIFICATIONS

1. BRICKWORK IN FOUNDATION & PLINTH SHALL BE OF FIRST CLASS BRICK IN CEMENT MORTAR 1:4 AND HALF BRICK WILL BE 14-CENTIMETER MORTAR.

2. MASONRY FOUNDATION WITH ISOLATED RCC 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 RCC WITH CEMENT MORTAR 1:4.

6. ALL RCC WORKS SHALL BE DONE IN MASONRY MIX CONCRETE WITH STEEL BARS OF 500 SHALL BE USED IN RCC STRUCTURES COMMERCIAL QUALITY.

7. ALL MASONRY SURFACE SHALL BE PLASTERED WITH CEMENT MORTAR 1:4 OVER RCC SLAB / PCC.

8. ALL STEEL AND WOOD WORK SHALL BE PAINTED WITH SYNTHETIC PAINT.

9. ALL SANITARY AND ELECTRICAL FITTINGS SHALL BE OF STANDARD MARK AND VENDORSHIP.

10. ALL SANITARY AND ELECTRICAL FITTINGS INCLUDING STAIRCASE SHALL BE USED.

SCHEDULE OF OPENINGS

S.NO.	SIZE	DESCRIPTION
1.	D	1.1X2.10 Sal wood chauthar & Gambar wood shutter
2.	D1	.90X2.10 Sal wood chauthar & Gambar wood shutter
3.	D2	.75X2.10 Sal wood chauthar & Gambar 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	: 202.41 SQM
2. PROPOSED AREA AT GROUND FLOOR	: 77.71 SQM
3. TOTAL BUILD UP AREA	: 310.55 SQM
4. COVERED AREA	: 77.71X100 = 38.39% 202.41

PROPOSED RESIDENTIAL BUILDING FOR M/S - MANJU KUMARI HEMROM
 D/O - LATE MICHEL HEMROM
 KHATA NO - 168 / PLOT NO - 2399,
 RAKVA - 5 DISMIL,
 THANA NO - 80
 MCHALLA - SHYAMTOLI
 MAUZA - KHIJRI,
 DISTT. - SIMDEGA (JHARKHAND)

R.S CONSULTANT
 BOKAR TOLA NEAR SAME SHWARI TYS
 MAIN ROAD SIMDEGA (JHARKHAND)
 MOBILE: 9080909097

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

DATE: _____
 SIGNATURE OF L.E. ENGINEER: _____
 SIGNATURE OF OWNER: _____

ITEM	DESCRIPTION	QUANTITY	UNIT	REMARKS
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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 & i 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 confirming 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:- 168
 PLOT NO :- 2399
 AREA :- 5 DECIMAL
 THANNA NO:- SIMDEGA
 MOUZA :- KHIJRI
 BOUNDARY:-
 NORTH:- SAME PLOT
 SOUTH:- SAME PLOT
 EAST:- SAME PLOT
 WEST:- 12' ROAD

CLIENT:-	MANJU KUMARI HEMROM D/O:- LATE MICHEL HEMROM
NAME OF PROJECT :-	Residential HOUSE PLAN
TITLE :-	Submission plan
SHEET NO :-01	SIMDEGA

Building A (BUILDING)

Sl. No.	Room Name	Area (sq. ft.)	Volume (cu. ft.)	Remarks
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SCHEDULE OF JOINTS

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