

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 MT bars as per IS: 1786 - 1985 and having a minimum yield strength of **500 N/mm<sup>2</sup>** 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. No 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.

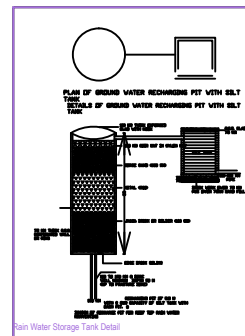
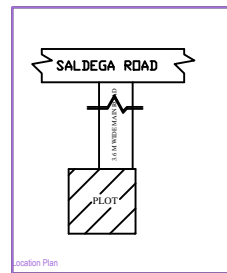
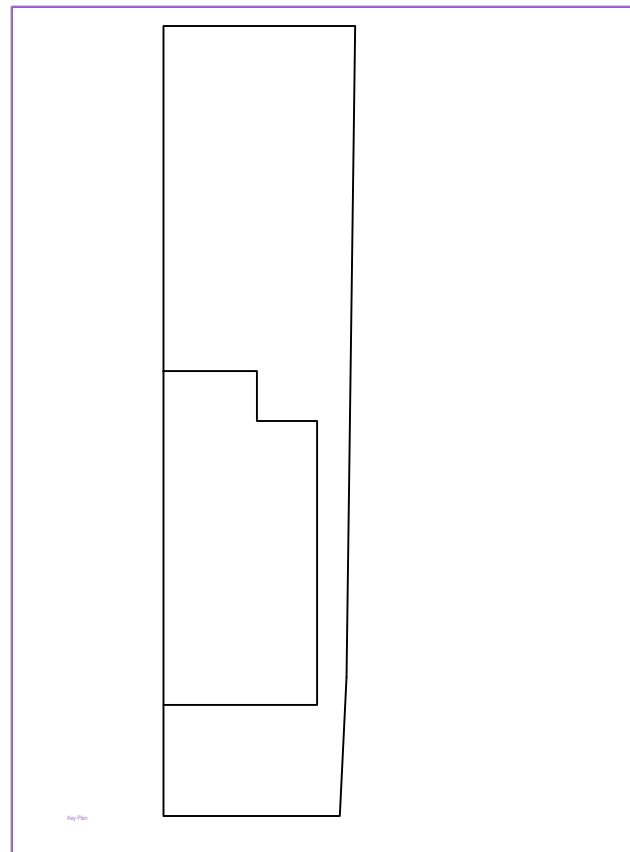
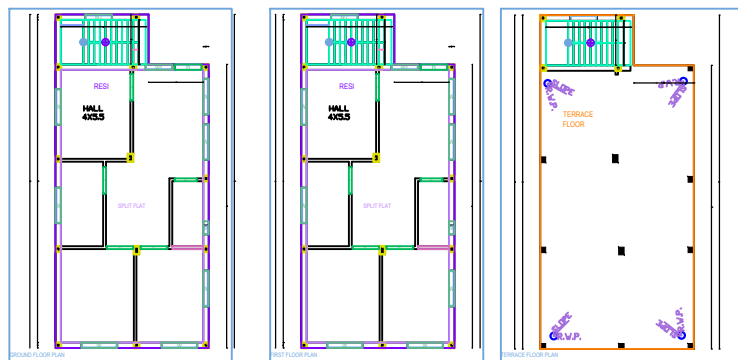
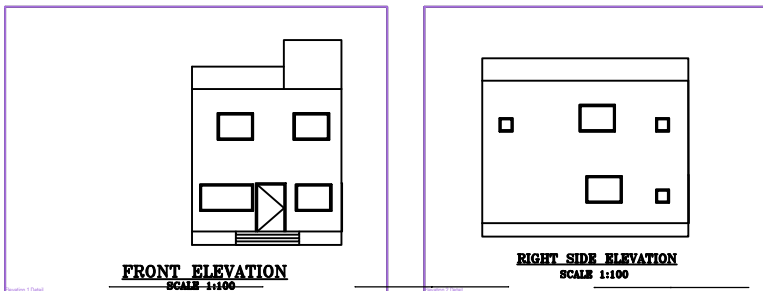
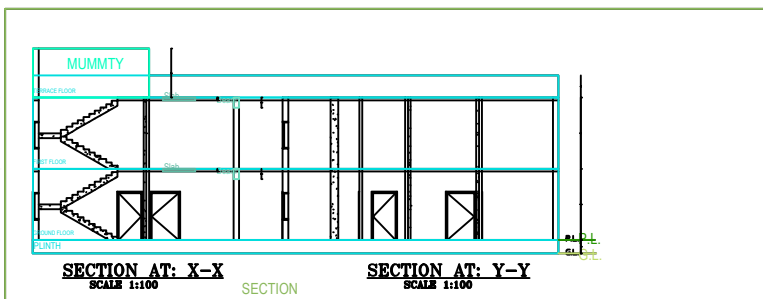
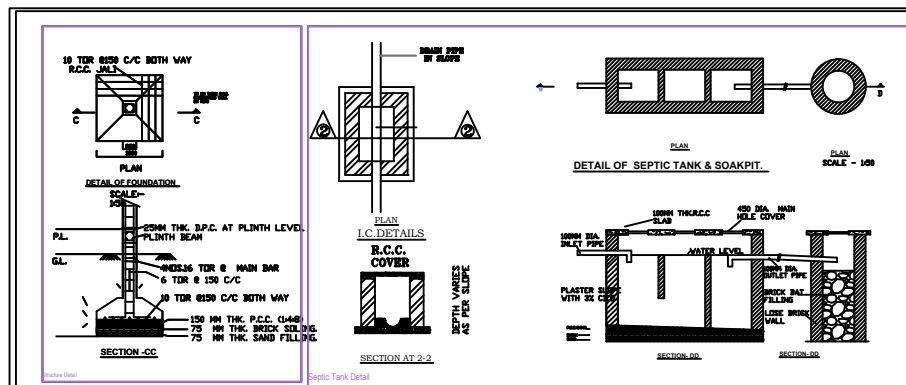
KHAATA NO:- 99  
 PLOT NO :- 2394  
 AREA :- 7.25 DECIMAL  
 THANNA NO:- SIMDEGA  
 MOUZA :- KHIJRI  
 BOUNDARY:-  
 NORTH:- SUSHILA DEVI HOUDE  
 SOUTH:- PART OF SAME PLOT  
 EAST:- PART OF SAME PLOT  
 WEST:- 12' WIDE ROAD

CLIENT:- FULJENCIA BILUNG  
 W/O:- DEVNIYAS DUNG DUNG

NAME OF PROJECT :- Residential HOUSE PLAN

TITLE :- Submission plan

SHEET NO :-01 | SIMDEGA



SPECIFICATIONS		
1.	BRICKWORK IN FOUNDATION & PLINTH SHALL BE OF FIRST CLASS BRICK IN CEMENTMORTAR 1:6 AND HALF BRICK WILL BE 1:4CEMENT 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.	M.S 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 OFE 500D 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 WORKMANSHIP	
10.	ALL SANITARY AND ELECTRICAL FITTINGS SHALL BE OF STANDARD MARKAND	
11.	KOTTA STONE / MOSAIC FLOORING INCLUDING STAIRCASE SALL BE USED	
SCHEDULE OF OPENINGS		
SL.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.	V2	.90X1.20 Fully glazed window
7.	V	.60X.60 CELLING VANTILITER
8.	C.G	2.10X2.10
SCHEDULE OF AREA		
1.	TOTAL PLOT AREA AS PER SITE	: 296.92 SQM
2.	PROPOSED AREA AT GROUND FLOOR	: 97.41 SQM
3.	TOTAL BUILD UP AREA	: 97.41 SQM
4.	COVERED AREA	: 97.41X100 / 296.92 = 33.79%
PROPOSED RESIDENTIAL BUILDING FOR MRS FULJENCIA BILUNG S/O - DEVNIYAS DUNG DUNG KHATA NO - 99 , PLOT NO -2394. RAKWA - 7.25 DISMIL. THANNA NO - 80. MOHALLA - SAMTOLI MAUZA - KHIJRI. DIST. - SIMDEGA (JHARKHAND) RS CONSULTANT SONAR TOLI NEAR SAMLESHWARI TVS MAIN ROAD SIMDEGA JHARKHAND MOBILE - 7008039097 SCALE - 1:100 SH.NO. 1/1		
AS MENTIONED	1/1	
SIGNATURE OF L.C. ENGINEER SAGAR PARSHAD SIMDEGA		SIGNATURE OF OWNER

Building 'A' (BUILDING)					
Floor Name	Total Built Up Area (Sq.ft.)	Proposed FAR Area (Sq.ft.)	Total FAR Area (Sq.ft.)	Total No. of	Total No. of
Ground Floor	114.20	114.20	114.20	01	01
1st Floor	114.20	114.20	228.40	01	02
2nd Floor	0.00	0.00	228.40	00	02
Total	228.40	228.40	228.40	02	04
Total Number of Same Building	1				

SCHEDULE OF JOINERY:					
Joinery Name	Name	LENGTH	HEIGHT	NO.	UNIT
WALL	W1	3.00	1.20	02	SQ
	W2	2.10	2.10	02	SQ
	W3	1.20	2.10	02	SQ
DOOR	D1	2.10	2.10	02	SQ
	D2	1.20	2.10	02	SQ

SCHEDULE OF JOINERY:					
Joinery Name	Name	LENGTH	HEIGHT	NO.	UNIT
WALL	W1	1.20	1.20	02	SQ
	W2	1.20	1.20	02	SQ
	W3	1.20	1.20	02	SQ
DOOR	D1	1.20	1.20	02	SQ
	D2	1.20	1.20	02	SQ

Use/BUA Table for Building 'A' (BUILDING)						
FLOOR	Name	FURBISHA Type	COBBA Area	Capital Area	No. of Rooms	No. of Resident
GROUND FLOOR	FLAT	FLAT	91.33	90.75	2	1
FIRST FLOOR	FLAT 1	FLAT	91.33	90.75	2	1