

NOTE:-

1. Read this drawing along with & 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 drawings. In case of any ambiguity the matter shall be referred to the notice of the consultant before starting work.
4. Grade of concrete shall be **M-20** & shall be of fine aggregate.
5. Reinforcement steel shall be High Strength Deformed (HYSD) bars as per IS: 1786 - 1985 and having tensile strength of **500 N/mm²** and having elongation not less than **4.5%**.
6. Clear cover to main reinforcement shall be **50 mm** for column, **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 (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.

SPECIFICATIONS

1. BRICKWORK IN FOUNDATION & PLINTH SHALL BE OF FIRST CLASS BRICK IN CEMENT MORTAR 1:6 AND HALF BRICK WALL BE 1:4 CEMENT MORTAR.
2. MASONRY FOUNDATION WITH ISOLATED FOOTING SHALL BE IN CEMENT MORTAR 1:4.
3. CURTAIN GLAZING/ STRUCTURAL GLAZING SHALL BE 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 WINDOW FRAMES SHALL BE OF FINISHING TYPE WITH R.C.C WITH CEMENT MORTAR 1:4.
6. ALL R.C.C WORKS SHALL BE DONE IN ACCORDANCE WITH IS: 456 - 2000.
7. Reinforcement steel shall be High Strength Deformed (HYSD) bars as per IS: 1786 - 1985 and having tensile strength of 500 N/mm² and having elongation not less than 4.5%.
8. ALL MASONRY SURFACE SHALL BE PLASTERED WITH 1:4 CEMENT MORTAR.
9. ALL STEEL AND WOOD WORK SHALL BE DONE IN ACCORDANCE WITH IS: 1786 - 1985 AND IS: 1786 - 1985.
10. ALL SANITARY AND ELECTRICAL FITTINGS SHALL BE OF STANDARD QUALITY.
11. KOTTA STONE / MDSAIC FLOORING IN ROOMS SHALL BE 40mm for column, 25 mm for Beam and 20 mm for slab. Side cover of footing shall be 75mm.

SL.NO.	SCHEDULE OF OPENINGS	SIZE
1.	D	1.1X2.10
2.	D1	.90X2.10
3.	D2	.75X2.10
4.	W	1.50X1.20
5.	W1	1.20X1.20
6.	W2	.90X1.20
7.	V	.60X.60
8.	C.G	2.10X2.10

1. TOTAL PLOT AREA AS PER SITE : 76.70 SQ.M
2. PROPOSED AREA AT GROUND FLOOR : 76.70 SQ.M
3. TOTAL BUILD UP AREA : 76.70X100 = 14.50%
4. COVERED AREA : 76.70X100 = 14.50%

PROPOSED RESIDENTIAL BUILDING FOR SMT - KAMLAWATI EKKA W/O - BILKON BARA KHATA NO - 113 , PLOT NO - 2493 RAKWA - 13.00 DISMIL. THANA NO - 80. MDHALLA - SAMTOLI MAUZA - KHJURI. DISTT. - SIMDEGA (JHARKHAND)

R.S CONSULTANT
SONAR TOLI NEAR SAMLESHWARI TVS MAIN ROAD SIMDEGA JHARKHAND MOBILE - 7008039097

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

SIGNATURE OF L.C. ENGINEER
NAGAR PARISHAD SIMDEGA

SIGNATURE OF OWNER

KHAATA NO:- 113
PLOT NO :- 2493
AREA :- 13 DECIMAL
THANA NO:- 80
MOUZA :- KHJURI
BOUNDARY:-

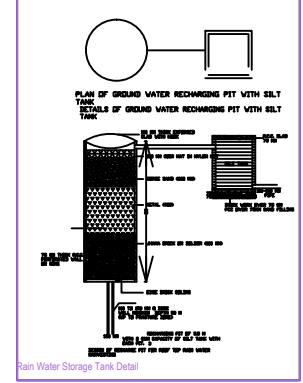
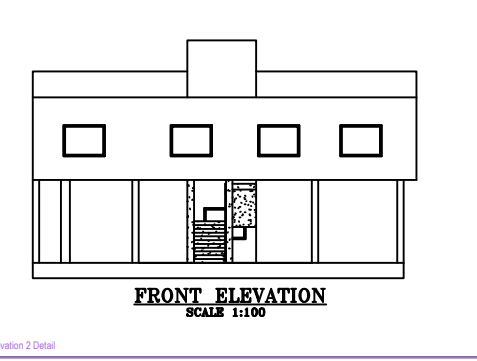
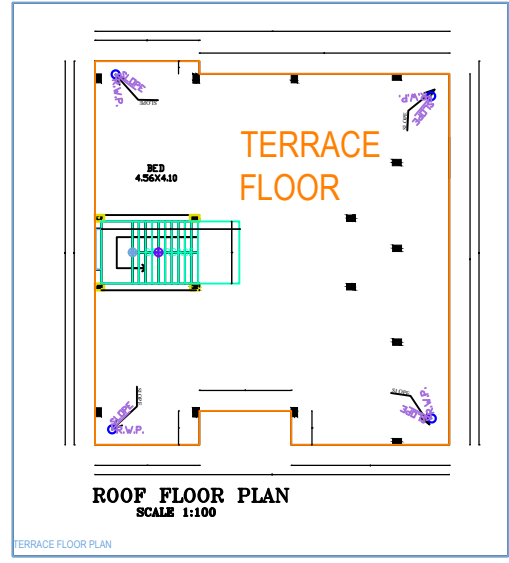
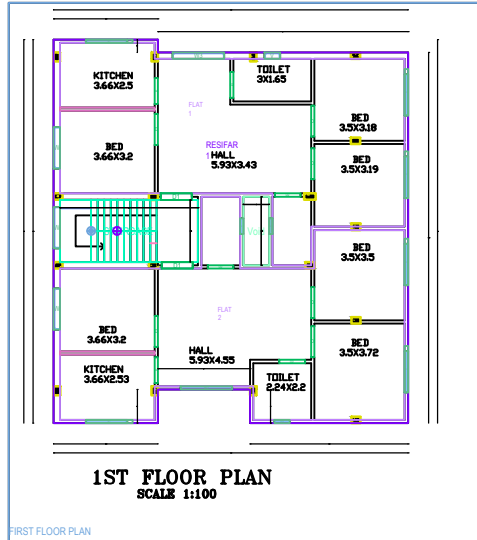
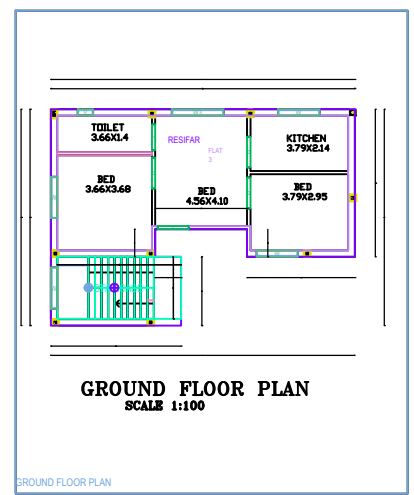
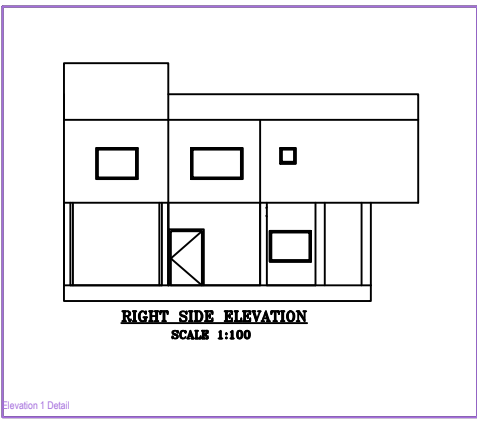
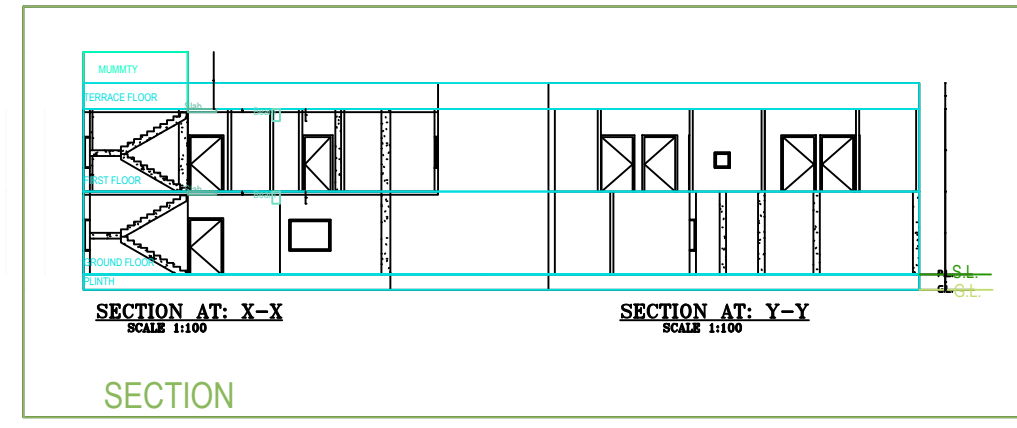
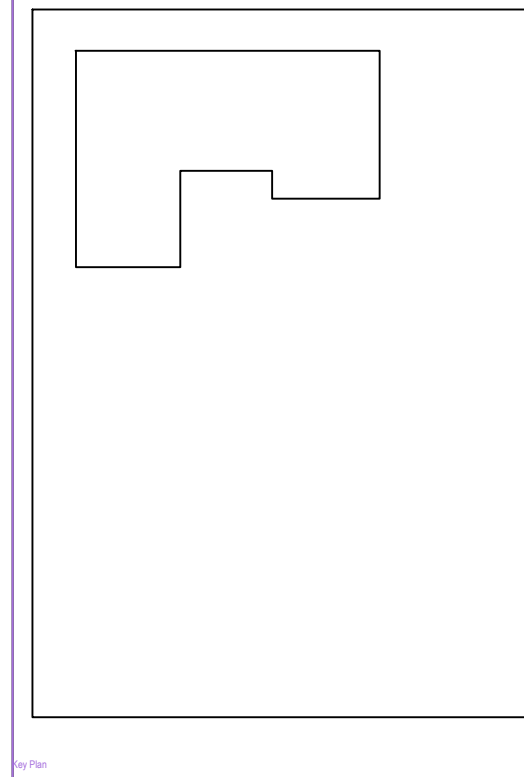
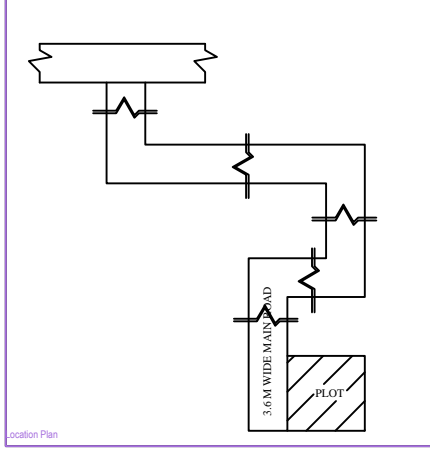
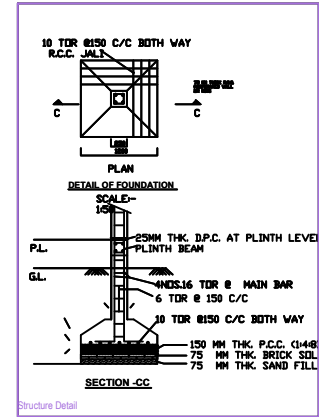
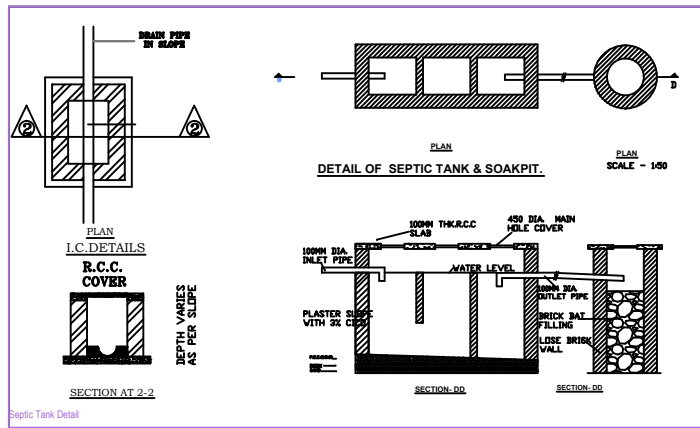
NORTH:- 12' WIDE ROAD
SOUTH:- LAND OF SANJAY MINZ
EAST:- 12' WIDE ROAD
WEST:- LAND OF AJIT KUMAR

CLIENT:- BINDESWAR MISTRI

NAME OF PROJECT :- RESIDENTIAL HOUSE

TITLE :- Submission plan

SHEET NO :-01 | RANCHI



Floor Name	Total Built Up Area (Sq.m)	Deductions (Area in Sq.m)	Total FAR Area (Sq.m)	Proposed FAR Area (Sq.m)	Tent (No.)
Ground Floor	389.73	16.38	373.35	0.00	373.37
1st Floor	419.21	16.38	402.83	0.00	389.81
2nd Floor	419.21	16.38	402.83	0.00	389.81
Verandah Floor	0.00	0.00	0.00	0.00	0.00
Total	1228.15	48.76	1179.39	0.00	1179.39

BUILDING