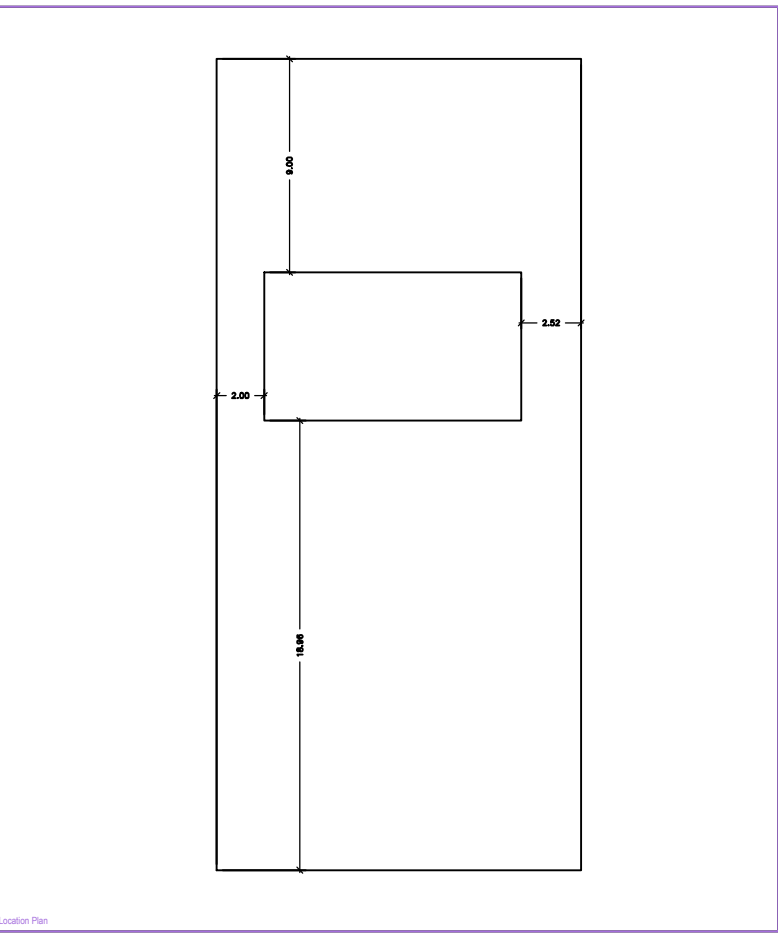
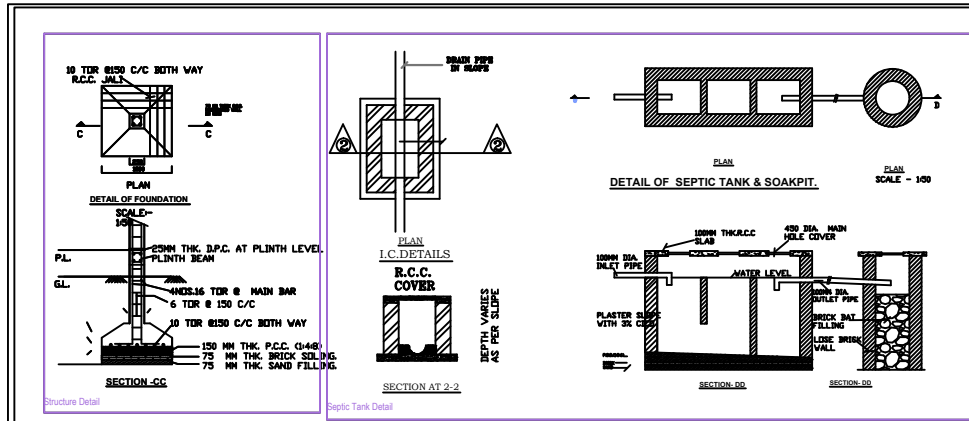


NOTE:-

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/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. 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.



**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. 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 OVER R.C.C SLAB / P.C.C
7. ALL STEEL AND WOOD WORK SHALL BE PAINTED WITH SYNTHETIC PAINT WORKMANSHIP
8. ALL MASONRY SURFACE SHALL BE PLASTERED WITH CEMENT MORTAR 1:6
9. ALL SANITARY AND ELECTRICAL FITTINGS SHALL BE OF STANDARD MARK AND WORKMANSHIP
10. 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 VANTILATER                       |
| 8.     | C.G                  | 2.10X2.10  |

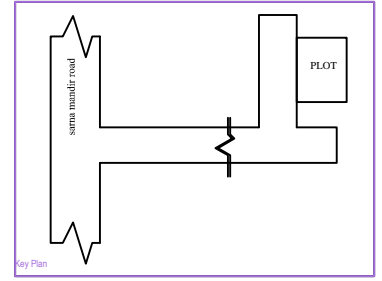
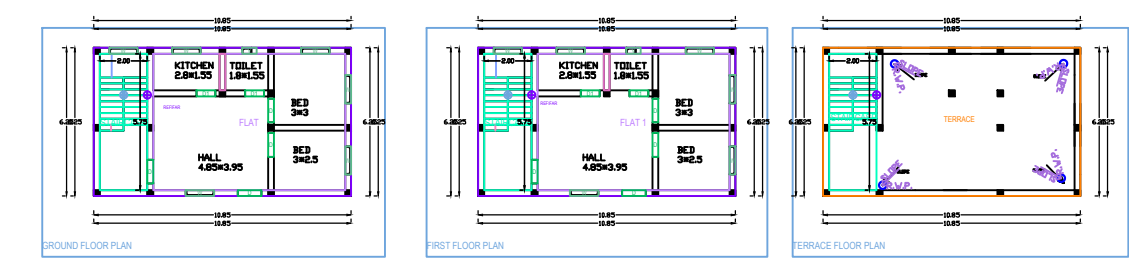
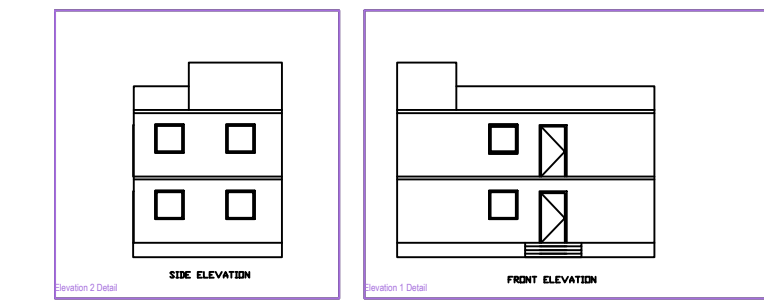
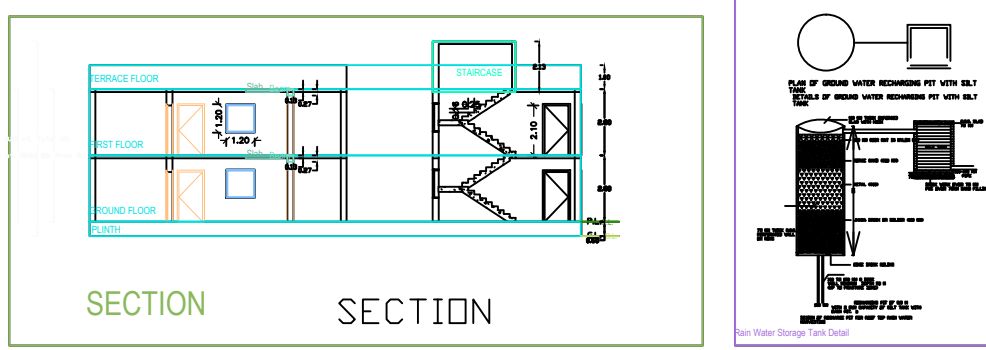
| SCHEDULE OF AREA                 |   |
|----------------------------------|---|
| 1. TOTAL PLOT AREA AS PER SITE   | : 525.81 SQM                                  |
| 2. PROPOSED AREA AT GROUND FLOOR | : 67.81 SQM                                   |
| 3. TOTAL BUILD UP AREA           | : 67.81 SQM                                   |
| 4. COVERED AREA                  | : $\frac{67.81 \times 100}{495.07} = 13.70\%$ |

PROPOSED RESIDENTIAL BUILDING FOR MRS.- PRAPHULITA AIND ANTHONY W/D - JOHN ANTHONY KHATA NO - 32/2.32/4, PLOT NO -1147. RAKWA.- 13.00 DISMIL. THANA NO - 80. MDHALLA - SALDEGA MAUZA - SALDEGA. DISTT. - SIMDEGA (JHARKHAND)

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

SCALE - 1:100 SHLNO. 1/1

SIGNATURE OF LIC. ENGINEER NAGAR PARISHAD SIMDEGA SIGNATURE OF OWNER



R.S Consultant  
main road simdega

KHAATA NO:- 32,32  
PLOT NO :- 1147  
AREA :- 13 DECIMAL  
THANNA NO:- 80  
MOUZA :- SALDEGA  
BOUNDARY:-  
NORTH:- PLOT 1147  
SOUTH:- PLOT 1147  
EAST:- PLOT 1147  
WEST:- 12' WIDE ROAD

CLIENT:- PRAPHULITA AIND ANTHONY  
W/D:- JOHN ANTHONY

NAME OF PROJECT :- RESIDENTIAL HOUSE

TITLE :- Submission plan

SHEET NO :-01 | SIMDEGA

Building A (BUILDING)

| Floor Name                     | Total Built Up Area (Sq.ft) | Proposed FAR Area (Sq.ft) | Total FAR Area (Sq.ft) | Taxt (No.) |
|--------------------------------|-----------------------------|---------------------------|------------------------|------------|
| Ground Floor                   | 67.81                       | 67.81                     | 67.81                  | 01         |
| First Floor                    | 67.81                       | 67.81                     | 67.81                  | 01         |
| Terrace Floor                  | 0.00                        | 0.00                      | 0.00                   | 00         |
| Total                          | 135.62                      | 135.62                    | 135.62                 | 02         |
| Total Number of Same Buildings | 1                           |                           |                        |            |
| Total                          | 135.62                      | 135.62                    | 135.62                 | 02         |

SCHEDULE OF JOINERY:

| ITEM NAME    | UNIT | LENGTH | HEIGHT | NO |
|--------------|------|--------|--------|----|
| A. BRICKWORK | S    | 0.00   | 0.00   | 00 |
| B. BRICKWORK | S    | 1.00   | 2.10   | 08 |
| C. ROOF      | S    |        |        | 00 |

SCHEDULE OF JOINERY:

| ITEM NAME    | UNIT | LENGTH | HEIGHT | NO |
|--------------|------|--------|--------|----|
| A. BRICKWORK | S    | 0.00   | 0.00   | 00 |
| B. BRICKWORK | S    | 1.20   | 1.20   | 12 |