

LAND AREA= 103.98 SMT.

| Particulars | Existing | Proposed | Total |
|-----------------|----------|-------------|-------------|
| (A)Ground Floor | --- | 64.99 SMT. | 64.99 SMT. |
| (B)First Floor | --- | 64.99 SMT. | 64.99 SMT. |
| TOTAL | --- | 129.98 SMT. | 129.98 SMT. |

%Ground Coverage = $\frac{64.99 \text{ SMT.}}{103.98 \text{ SMT.}} \times 100 = 62.50\%$

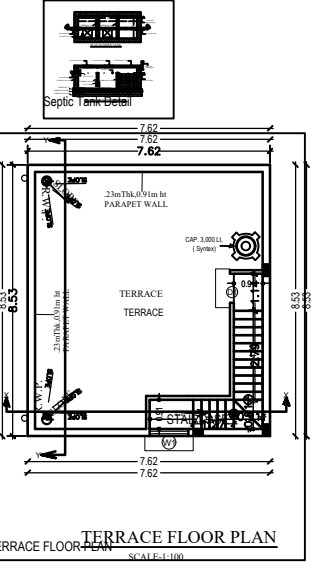
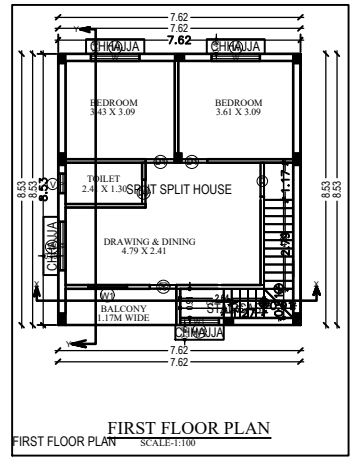
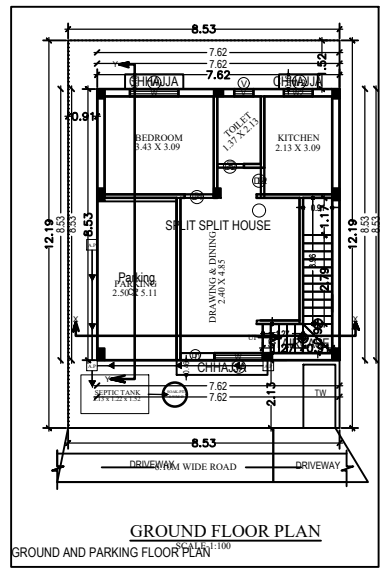
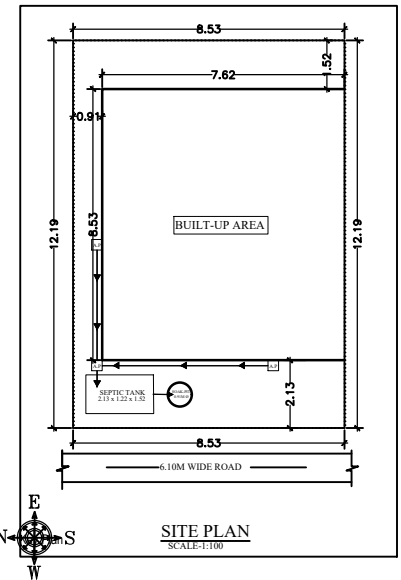
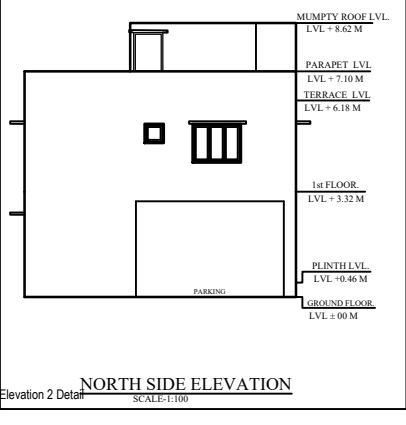
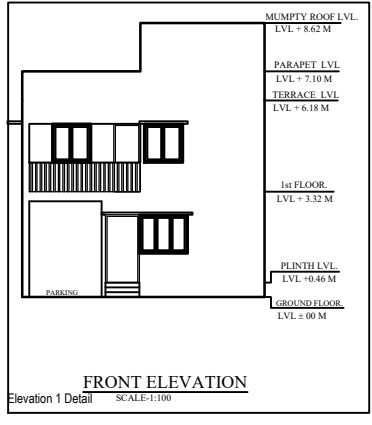
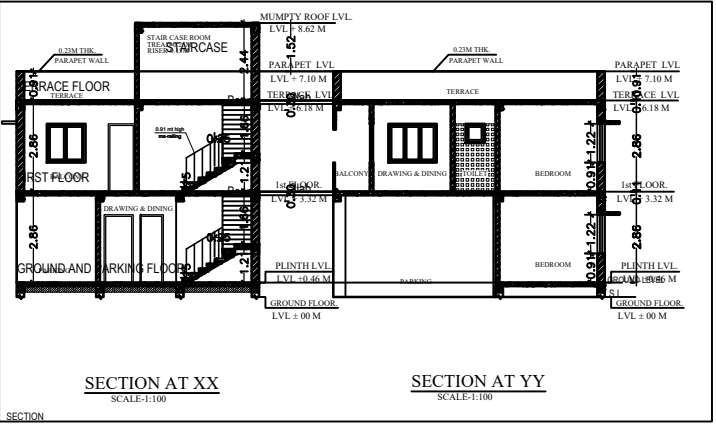
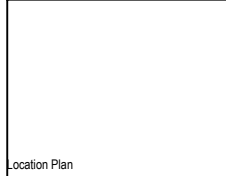
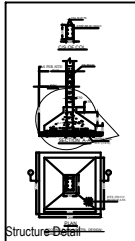
F.A.R = $\frac{129.98 \text{ SMT.}}{103.98 \text{ SMT.}} = 1.25$

CALCULATION FOR WATER TANK

RESIDENTIAL ASSUME 5 PERSONS IN EACH FLOOR
 WATER CONSUMPTION/HEAD/DAY=135 LITRE
 TOTAL NO OF FLOOR=2 NOS.
 TOTAL NO. OF PERSONS=2 X 5 PERSON = 10 PERSONS
 ASSUME 10% EXTRA
 TOTAL NO. OF PERSONS = (10 + 1) PERSON = 11 PERSONS
 REQUIREMENT OF WATER FOR 10 PERSONS
 = 10 PERSON X 135 LTR. / PERSON / DAY = 2025 LTR.
 ASSUME 10% EXTRA
 = (2025 + 202.5) = 2227.5 LTR = 3.000 LTR.

CALCULATION FOR SEPTIC TANK

REQUIREMENT CAPACITY OF SEPTIC TANK FOR 10 PERSONS
 = 10 PERSON X 0.05 / PERSON / DAY = 1.27 m³
 PROPOSED SIZE OF SEPTIC TANK = 2.11 X 1.22 X 1.52
 = 3.94 m³



GENERAL SPECIFICATION:-

| | |
|-----------------|---|
| FOUNDATION | Plain Cement Concrete As Per Design |
| SUPER STRUCTURE | R.C.C Column, Footing & Column As Per Structural Design R.C.C Column Wall Slab As Per Structural Design 0.25M Thk. External Wall & 0.15m Thk. Partition Wall As Concrete Masonry R.C.C. Roof Slab As Per Structural Design |
| FLOOR | L.P.S Flooring On P.C. Bed All Over Floor |
| EXTERNAL FINISH | White Washable Over Cement Plaster |
| INTERNAL FINISH | Various Tiles as per Spec |
| WATER SUPPLY | G.I. Pipe Water Supply |
| SEWERAGE | G.I. Pipe Sewer Disposal |
| DOORS & WINDOWS | As Per Schedule |
| ELECTRICAL | Copper Conductors With P.V.C. Cables |

SCHEDULE OF DOORS & WINDOWS

| SL. NO | NAME | SIZE | DESCRIPTION |
|--------|------|---------------|---------------------------------------|
| 01 | D | 1.07M X 2.13M | Paneled Single Shutter door. |
| 02 | D1 | 0.91M X 2.13M | Paneled Single Shutter door. |
| 03 | D2 | 0.84M X 2.13M | Paneled Single Shutter door. |
| 04 | D3 | 0.76M X 2.13M | Paneled Single Shutter door. |
| 05 | W | 1.52M X 1.22M | Glazed Steel Frame Window 3. Shutter. |
| 06 | W1 | 1.22M X 1.22M | Glazed Steel Frame Window 3. Shutter. |
| 07 | V | 0.61M X 0.61M | Top Hung Steel Ventilator. |

PROPOSED BUILDING FOR:-

01. SRI RAJIV KUMAR SINHA
 S/O- KAUSHALENDRA KUMAR

KHATA NO.- 23
 PLOT NO.- 4689
 SUB- PLOT NO.- 10
 THANA NO.-1199
 WARD NO.- 17 (J.N.A.C)
 P.S.- BIRSANAGAR
 MOUZA- MOHARDA
 JAMSHEDPUR, EAST SINGHBHUM.

SIGNATURE OF OWNER

SIGNATURE OF ENGINEER

SITE PLAN, FLOOR PLANS, ELEVATIONS (2-nos.),
 SECTIONS (2-nos.), AREA CALCULATION,
 LOCATION PLAN, DRAINAGE PLAN, FOOTING DETAILS,
 WATER TANK & SEPTIC TANK CALCULATION.

SHEET NO. - 01 OF 01

APPROVED