

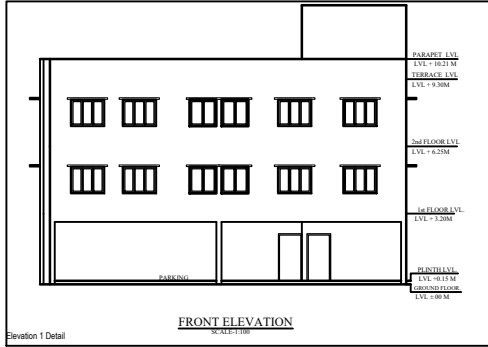
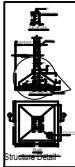
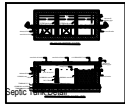
LAND AREA= 282.00 SMT.

Particulars	Existing	Proposed	Total
(A) Ground Floor	---	178.34 SMT.	178.34 SMT.
(B) First Floor	---	178.50 SMT.	178.50 SMT.
(C) Second Floor	---	178.50 SMT.	178.50 SMT.
<b>TOTAL</b>	---	<b>535.34 SMT.</b>	<b>535.34 SMT.</b>

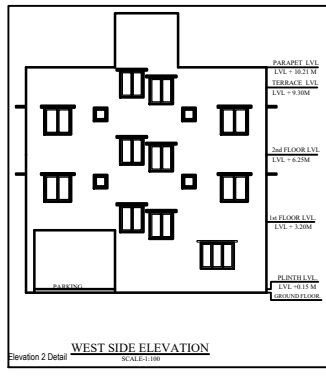
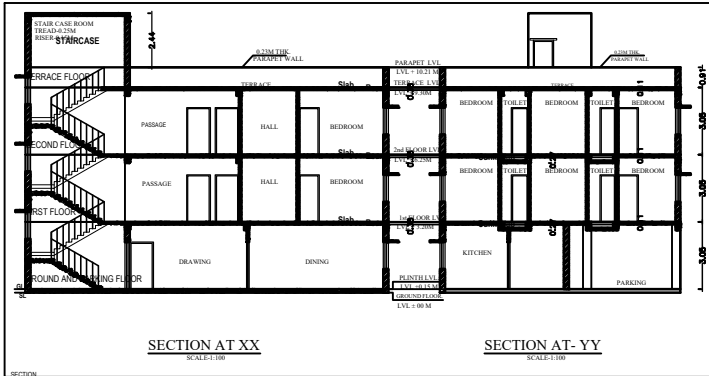
**CALCULATION FOR WATER TANK**  
**RESIDENTIAL** ASSUME 5 PERSONS IN EACH FLOOR  
 WATER CONSUMPTION/HEAD/DAY=135 LITRE  
 TOTAL NO OF FLOOR = 9 INCL 1 FLOOR @ 4 AND OF UNITS @ 2 FLOOR  
 TOTAL NO. OF PERSONS = 9 X 5 PERSON = 45 PERSONS  
 ASSUME 10% EXTRA  
 TOTAL NO. OF PERSONS = (45 + 5) PERSON = 50 PERSONS  
 REQUIREMENT OF WATER FOR 90 PERSONS  
 = 50 PERSON X 135 LTR. / PERSON / DAY = 6750 LTR.  
 ASSUME 10% EXTRA  
 = 6750 + 675 = 7425 LTR. = 8,000 LTR.

**CALCULATION FOR SEPTIC TANK**  
 REQUIREMENT CAPACITY OF SEPTIC TANK FOR 50 PERSONS  
 = 50 PERSON X 0.084 / PERSON / m<sup>3</sup> = 4.2 m<sup>3</sup>  
 PROPOSED SIZE OF SEPTIC TANK = 2.53 X 1.52 X 1.12  
 = 4.92 m<sup>3</sup>

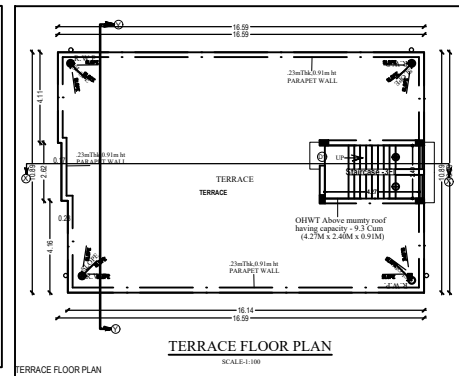
%Ground Coverage =  $\frac{178.34 \text{ SMT.}}{282.00 \text{ SMT.}} \times 100 = 63.24\%$   
 F.A.R =  $\frac{535.34 \text{ SMT.}}{282.00 \text{ SMT.}} = 1.89$



Elevation 1 Detail



Elevation 2 Detail



TERRACE FLOOR PLAN

**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 Master R.C.C. Roof Slab As Per Structural Design
FLOOR	L.P.S. Floating On P.C.C. Bed All Over Floor
INTERNAL FINISH	White Washable Over Cement Plaster
SANITARY	Vermorel Direct Flush Waste G.I. Pipe Water Supply G.I. Pipe For Drainage
DOORS & WINDOWS	As Per Schedule
ELECTRICAL	Copper Conductor With P.V.C. Conduit

**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. MRS. RAJ LAXMI SRIVASTAVA  
 W/O- MR. SANJAY KUMAR SINHA

PLOT NO: 1849(N)  
 KHATA NO: 440  
 WARD NO : 9 (M.N.A.C.)

P.S.- MANGO  
 THANA NO : 1643  
 MAUJA : DIMNA  
 JAMSHEDPUR, EAST SINGHBHUM.

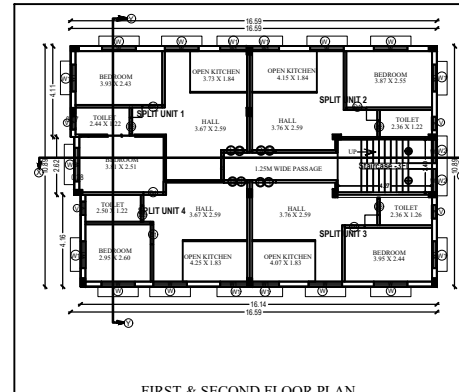
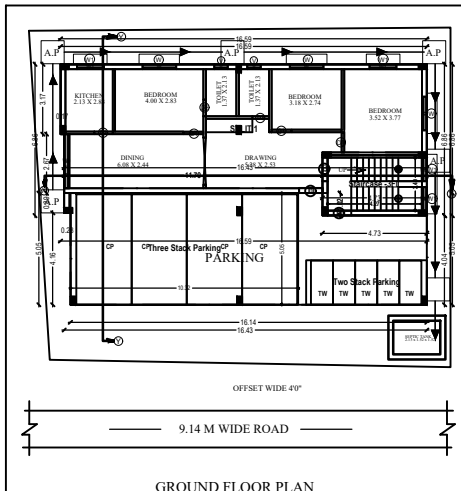
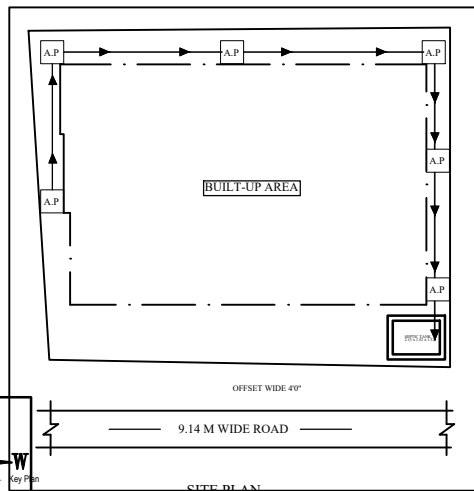
SIGNATURE OF OWNER

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

M.N.A.C APPROVED



FIRST & SECOND FLOOR PLAN