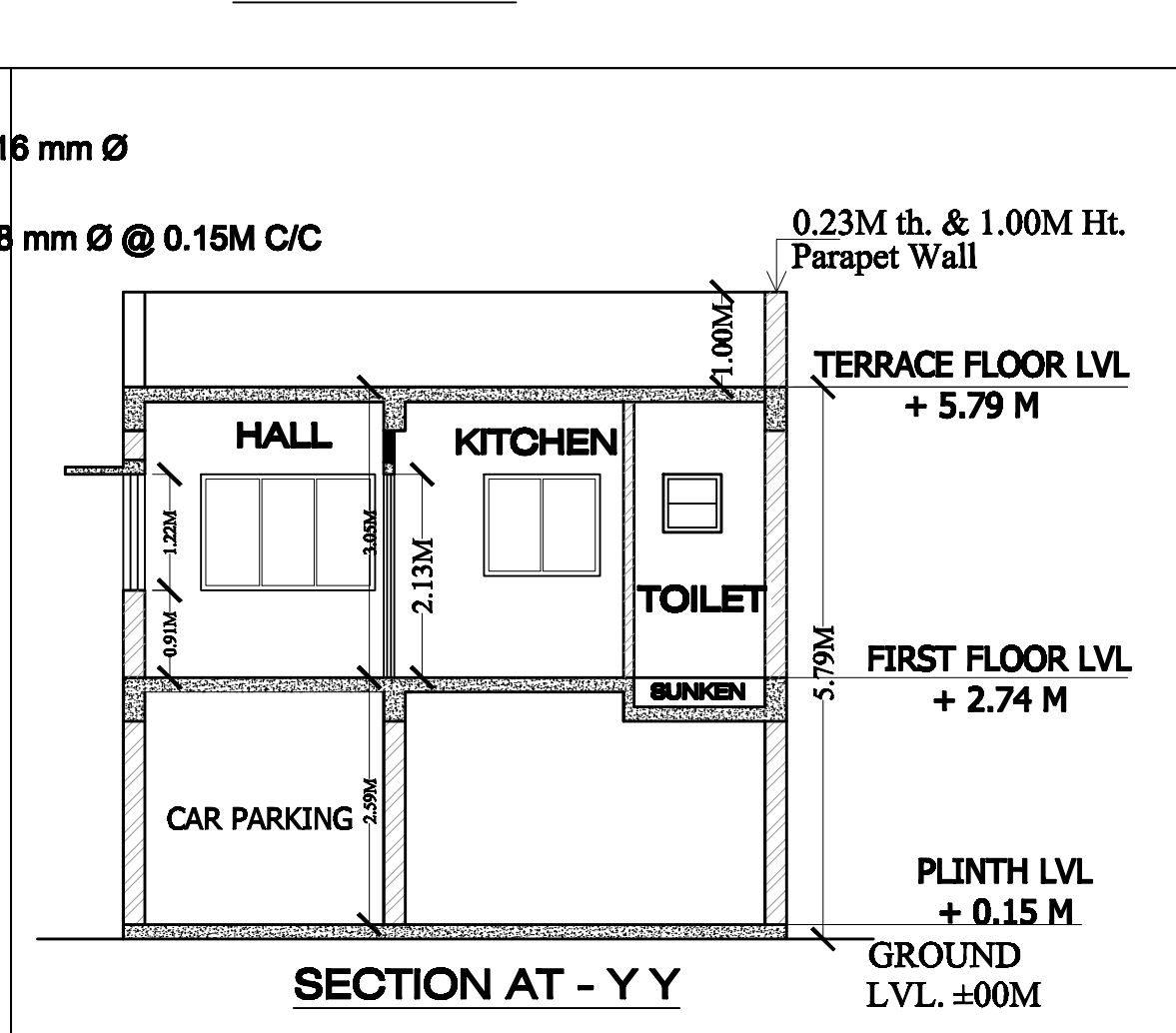
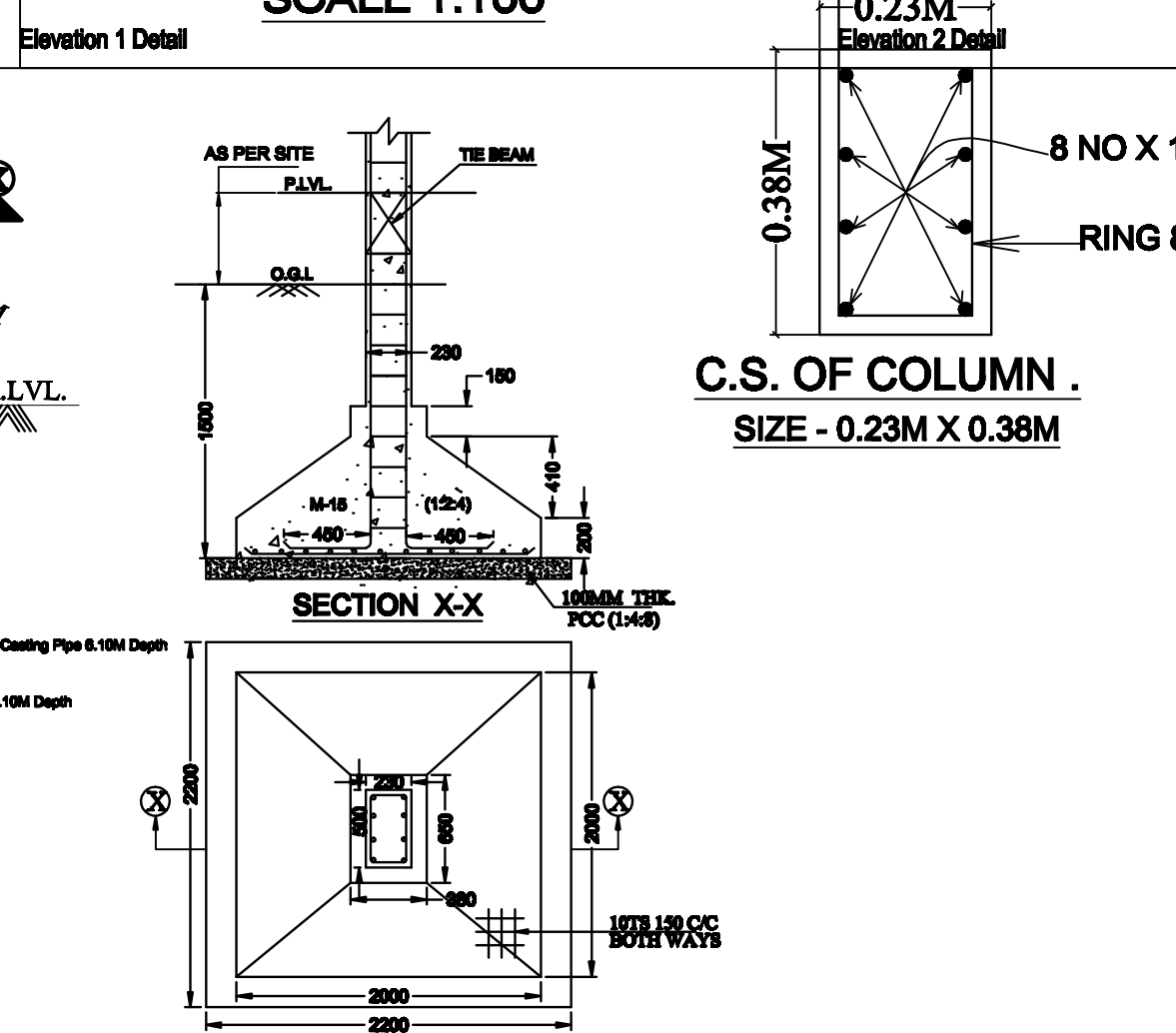
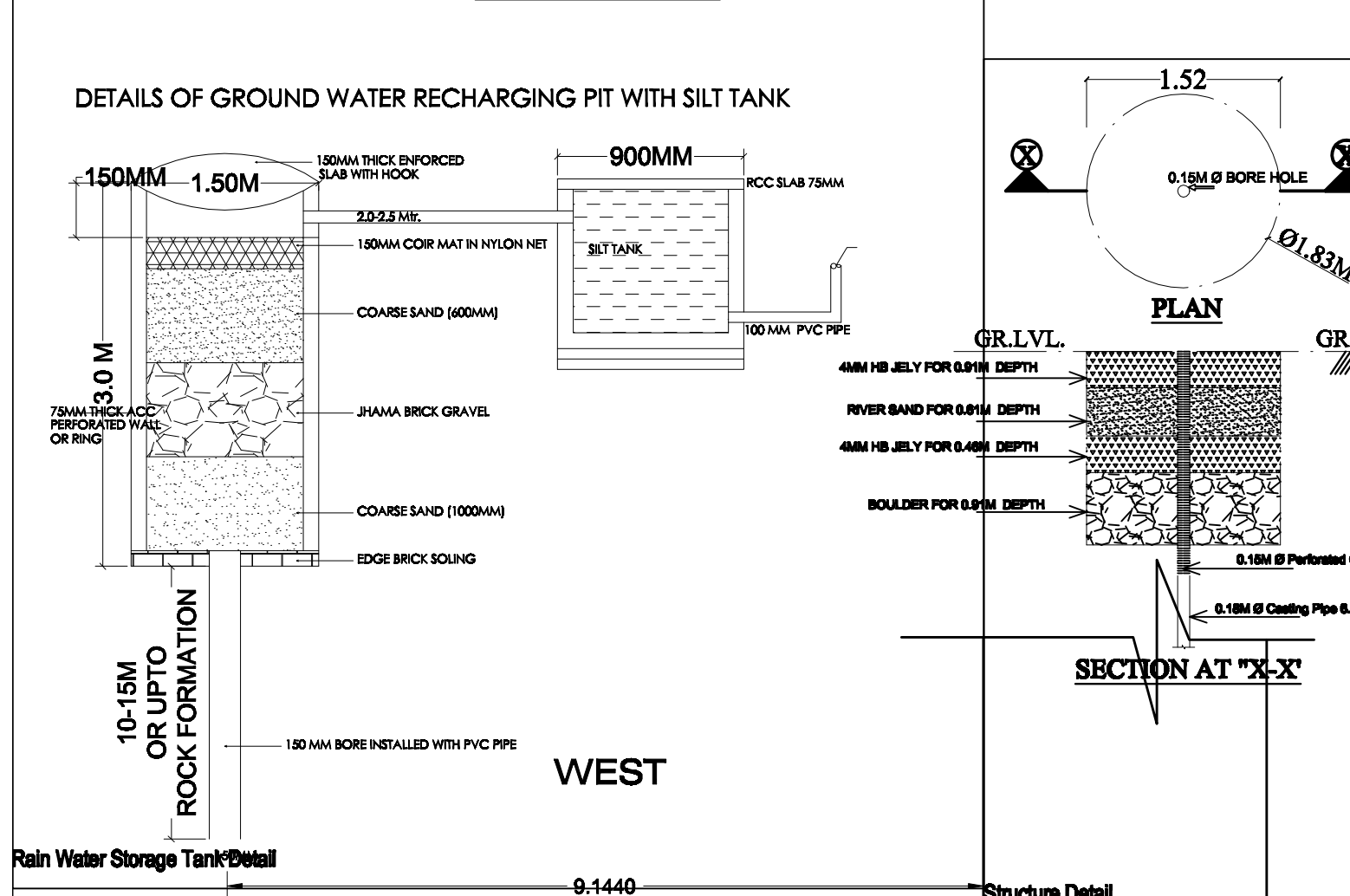
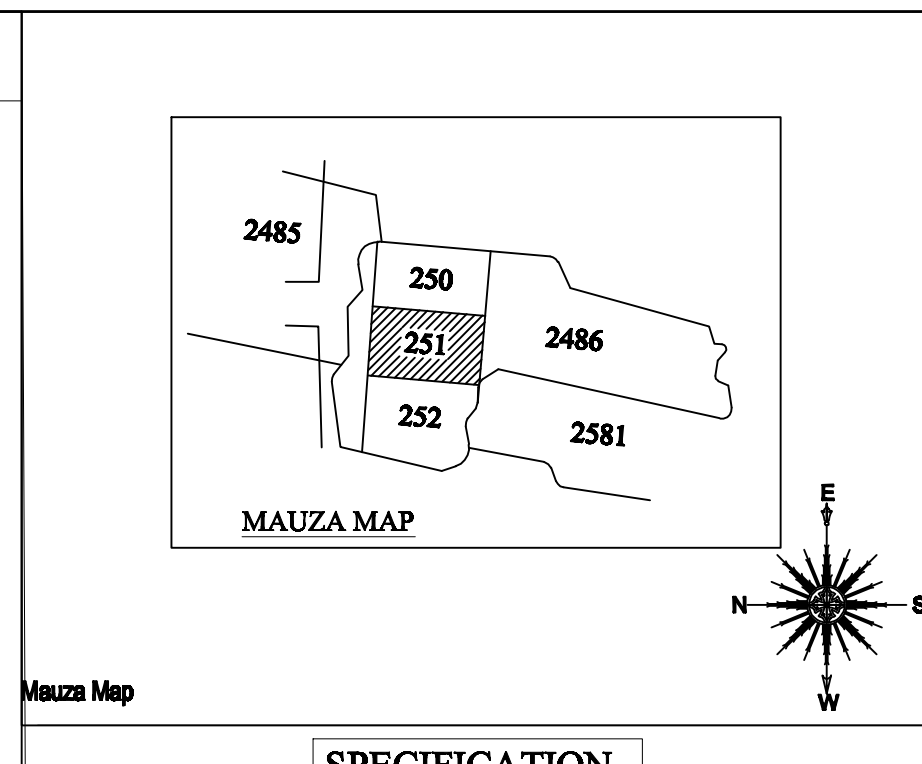


CALCULATION FOR WATER TANK

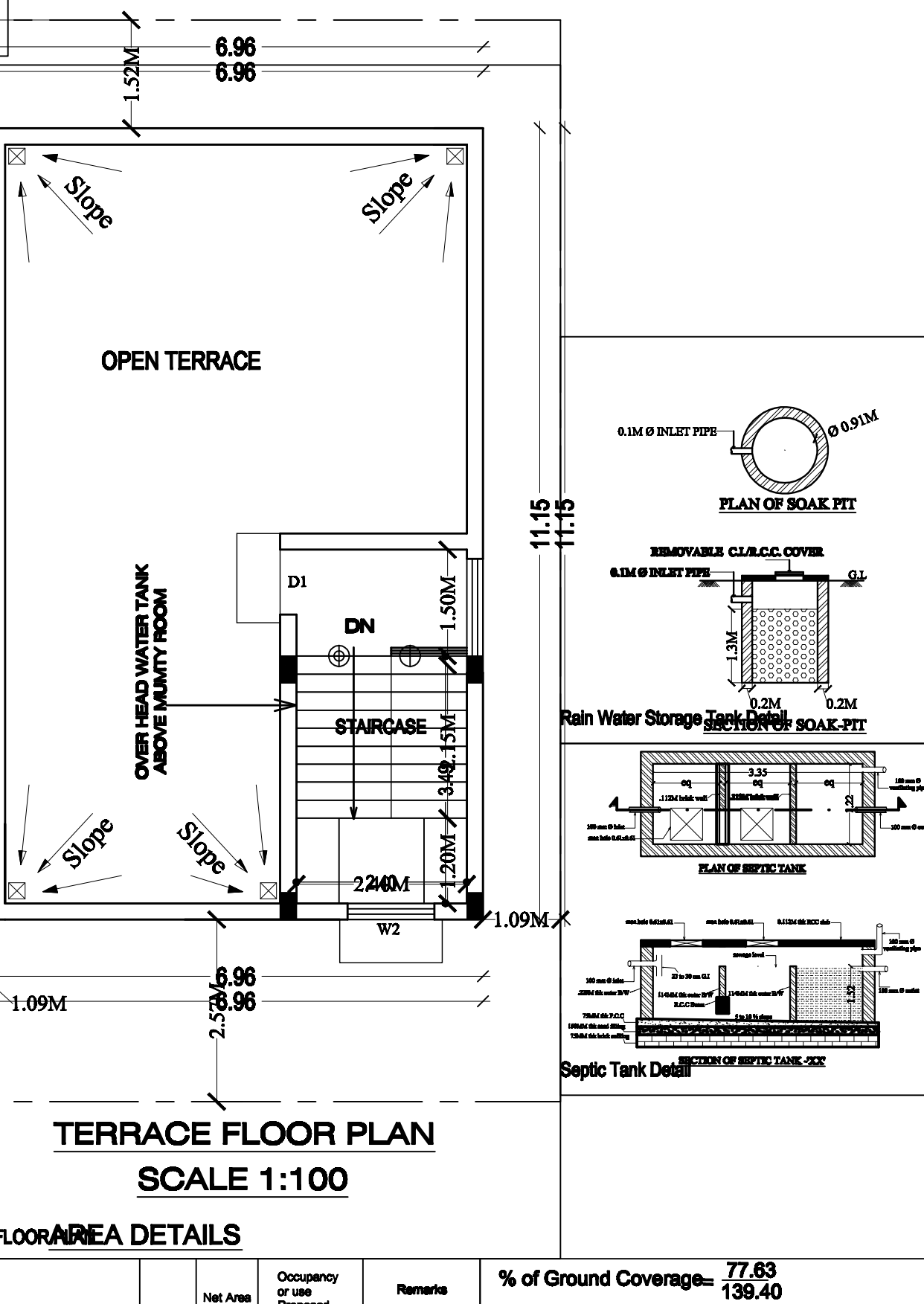
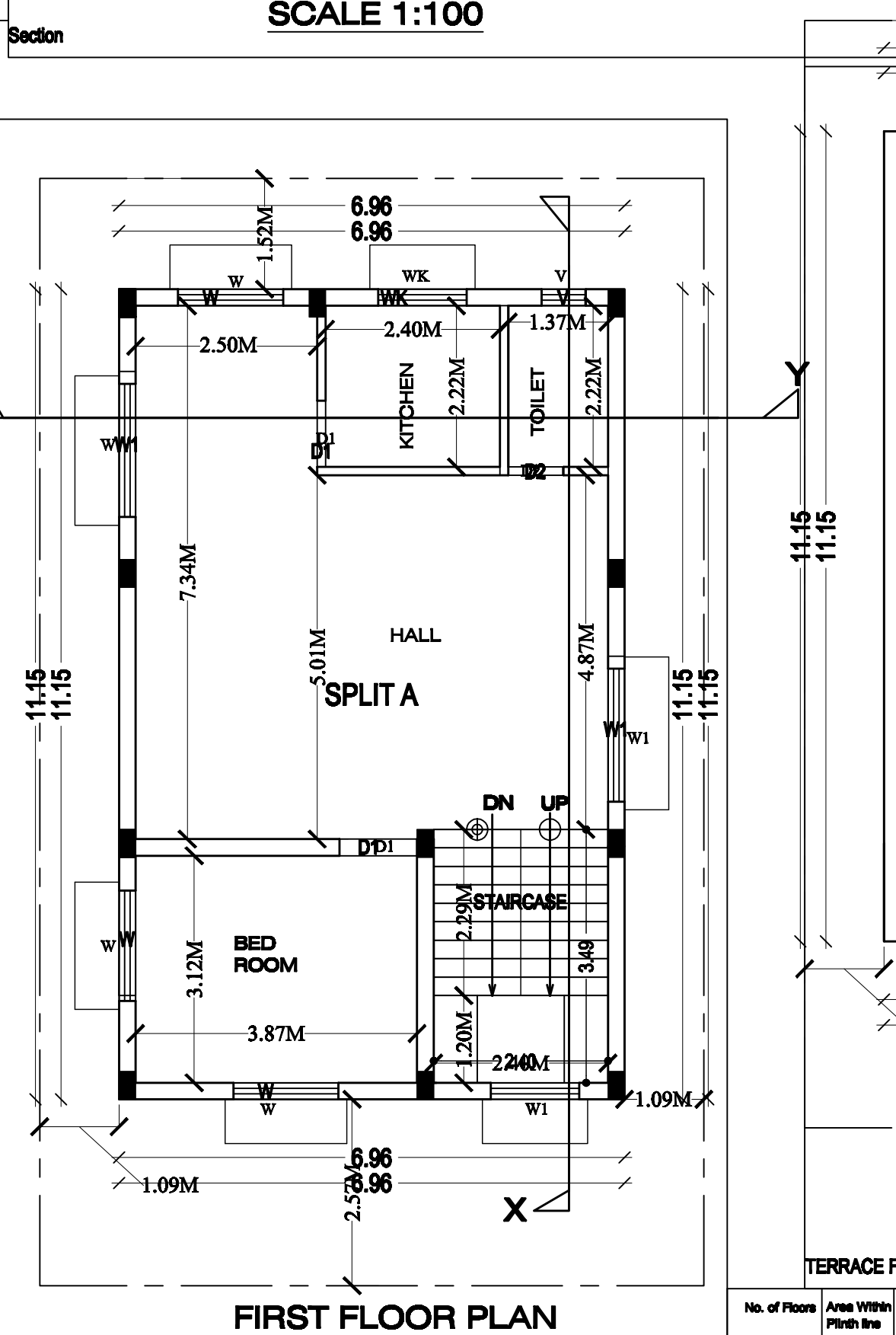
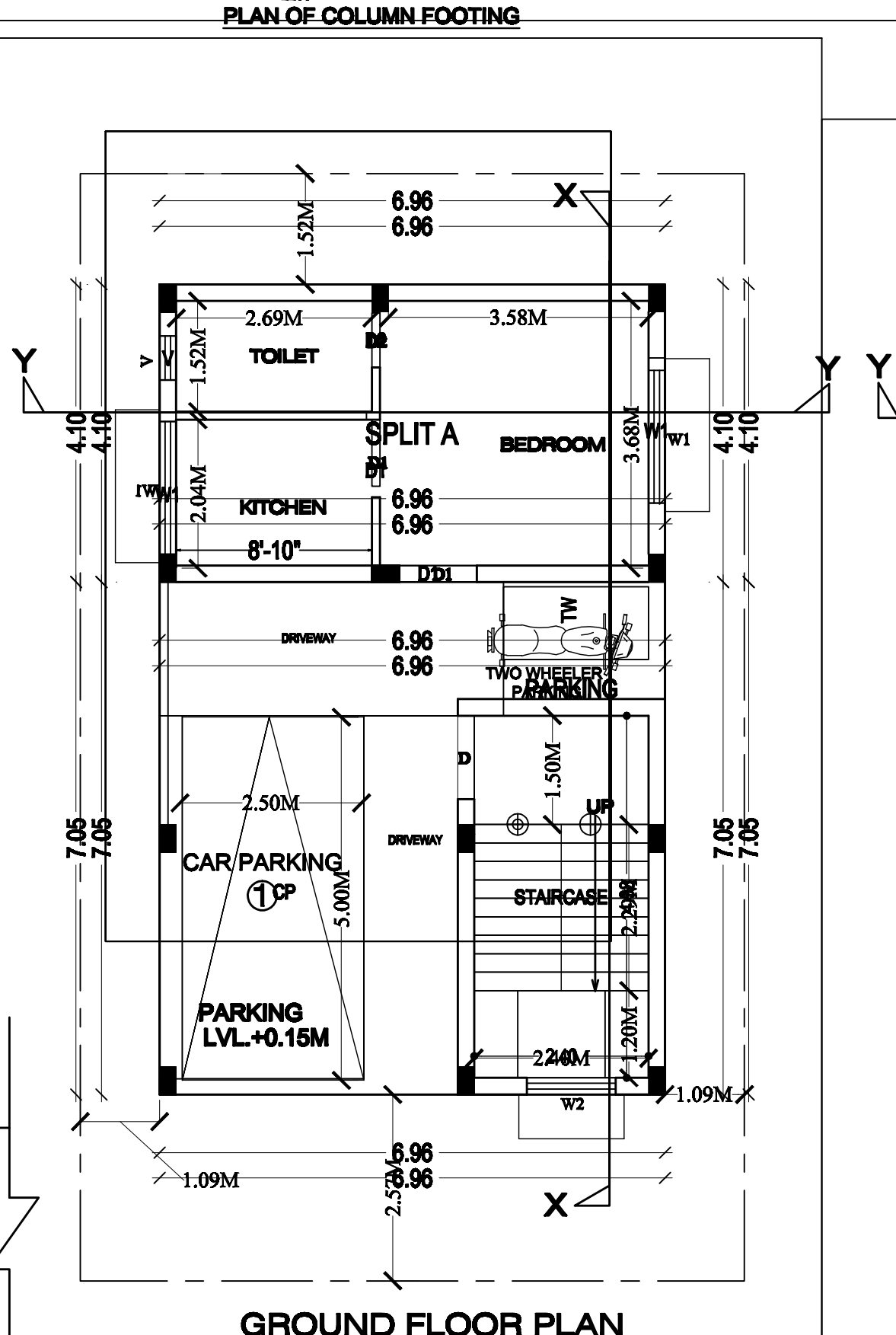
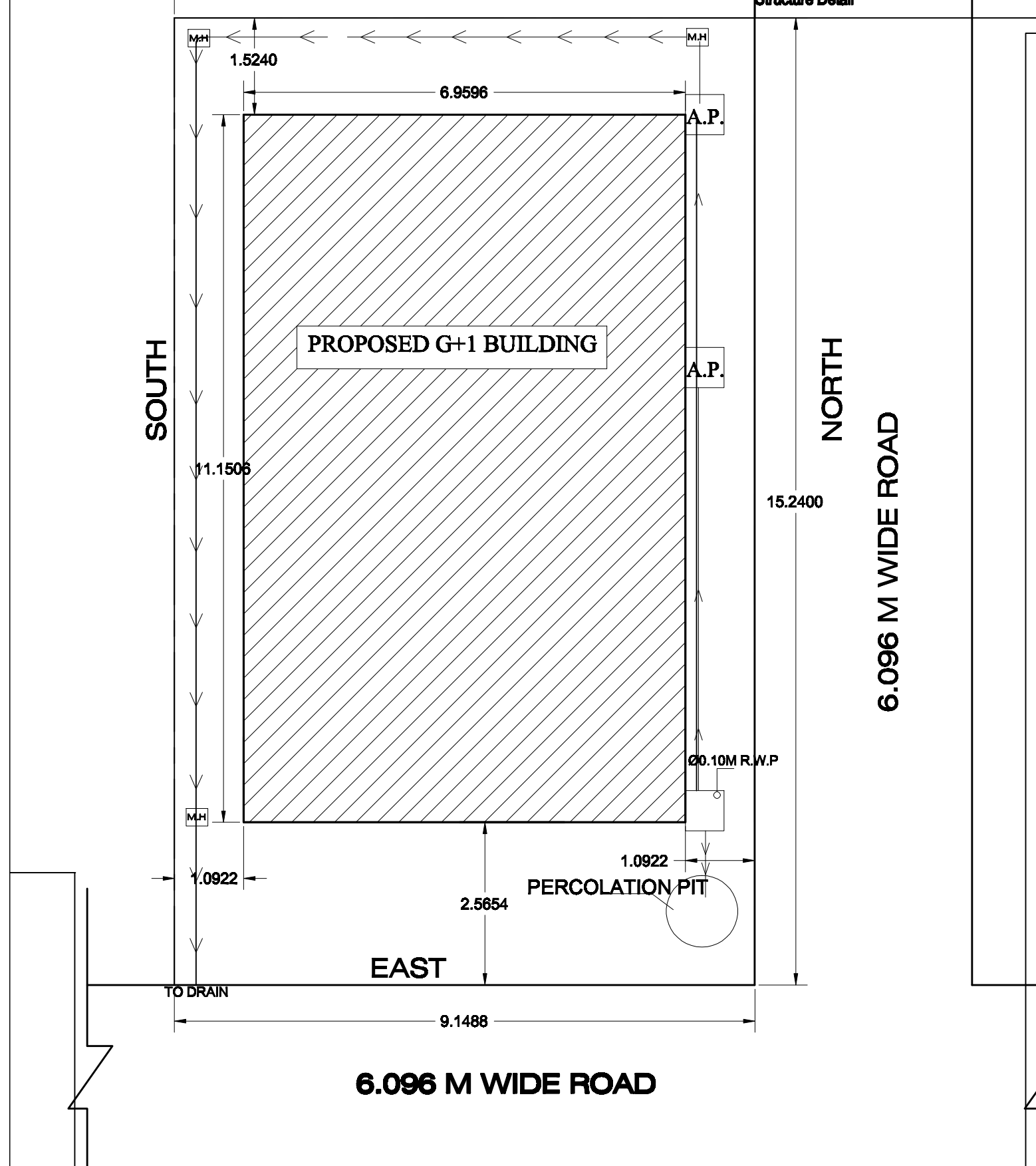
IN RESIDENTIAL, ASSUME 5 PERSONS IN EACH FLOOR
 WATER CONSUMPTION/HEAD/DAY=135 LITRE
 TOTAL NO OF FLOOR = 2 NOS.
 TOTAL NO. OF PERSONS = 2 X 5 PERSON = 10 PERSONS
 ASSUME 10% EXTRA
 TOTAL NO. OF PERSONS = (10 + 1) PERSON = 11 PERSONS
 REQUIREMENT OF WATER FOR 11 PERSONS
 = 11 PERSON X 135 LTR. / PERSON / DAY = 1,485 LTR.
 ASSUME 10% EXTRA
 = (1485 + 148.5) = 1,633.5 LTR. ≈ 1,634 LTR.



CALCULATION FOR SEPTIC TANK

REQUIREMENT CAPACITY OF SEPTIC TANK FOR 20 PERSONS
 = 20 PERSON X 0.085 / PERSON / m³ = 1.7 m³
 PROPOSED SIZE OF SEPTIC TANK = 3.35 x 1.22 x 1.52
 = 6.21 m³

SPECIFICATION		
SL.NO	NAME	DETAILS
1)	FOUNDATION	R.C.C COLUMN FOOTING/RAFT AS PER DESIGN
2)	SUPER STRUCTURE	FIRST CLASS B/W IN CM(1:6) FOR 225mm & CM(1:6) FOR 112.5MM
3)	FLOORING	800mm IS B/F FLOORING OVER 80mm DRY BEAMED KHDA OVER 0.075m S/S SOLING OVER LOCAL SAND FILLING.
4)	LINTEL	150mm R.C.C LINTEL PROVIDED OVER DOOR & WINDOWS.
5)	ROOF	R.C.C ROOF SLAB WITH REQUIRED THICKNESS AS PER STRUCTURAL DESIGN.
6)	TERRACE	PROVIDE 25mm MUD FUSCA TREATMENT WITH BRICK ON EDGE SOLING OVER LOCAL SAND FILLING FINISHED WITH R.C.C OVER R.C.C TERRACE ROOF FOR HEAT INSULATION & WATER PROOFING.
7)	PLASTER	INNER & OUTER WALL PLASTERED IN CM(1:6) & (1:4) & TWO COATS OF WHITE WASH OUT SIDE ONLY.



SCHEDULE OF OPENINGS		
S.NO.	MKD.	DESCRIPTION
1.	D	1.07 M X 2.13M Pannelled single shutter door.
2.	D1	0.91 M X 2.13M Pannelled single shutter door.
3.	D2	0.76 M X 2.13M Pannelled single shutter door.
4.	W	1.52 M X 1.22 M Glazed steel framed window 5. shutt.
5.	W1	1.22 M X 1.22 M Glazed steel framed window 3. shutt.
6.	WK	1.22 M X 1.07 M Glazed steel framed window 2. shutt.
7.	V	0.61 M X 0.61 M Top hung steel ventilator.

PROPOSED RESIDENTIAL BUILDING PLAN FOR

SRI. MANISH KUMAR S/O RAM NANDAN ROY

SIGNATURE :-

PLOT NO:- 459 (OLD) 2474 (NEW)
 SUB PLOT NO. PLOT NO:- 251
 KHATA NO:- 48 (OLD), 46 (New)
 THANA NO: 131
 MOUZA-ASANGI, A.N.A.C
 WARD No:- 14 (OLD) 22 (NEW)
 P.S:- ADITYAPUR
 DISTT: SRAIKELLA- KHARSWAN

ARCHITECT (SM SHAHREYAR)

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No. of Floors	Area Within Plinth	Parking if Permissible	Other if Permissible	Total	Net Area for P.A.R.	Occupancy of use Proposed	Remarks
1.	2.	3.	4.	5.	6.	7.	8.
Ground Floor	77.83	X	X	X	77.83	RESIDENTIAL	
1st Floor	77.83	X	X	X	77.83	RESIDENTIAL	
Total	155.26				155.26		

% of Ground Coverage = $\frac{77.83}{139.40} \times 100 = 0.556\%$

(On Plot Area excluding Road Widening strip)

F.A.R = $\frac{155.26}{139.40} = 1.11$