

Space for Sanction Authority seal:-

TOWN PLANNER/ ASSISTANT ENGINEER  
NAGAR PASRISHAD DUMKA

**PARKING CALCULATION**  
 1. ONE FOR EACH FLOOR  
 3 FLOOR 3 NOS + 1 EXTRA = 4 NOS  
 AREA REQUIRED 20x4=80 SQ MTR  
 AREA PROVIDED 109SQ MTR  
 Total car parking required 9+3 = 11 nos  
 2. One number of two wheeler parking of should be provided for every FLOOR 3 + 1 4 NOS OF TWO WHEELER PROVIDED

**SCHEDULE OF AREA**

PLOT AREA AS PER DEED	401.48 SQM.
PLOT AREA AS PER SITE	391.83 SQM.
BUILT UP AREA OF GROUND FLOOR	233.63 SQM.
BUILT UP AREA AT FIRST FLOOR	233.63 SQM.
BUILT UP AREA AT SECOND FLOOR	233.63 SQM.
BUILT UP AREA OF BASEMENT	233.63 SQM.
TOTAL BUILT UP AREA FOR F A R	700.89 SQM.
TOTAL BUILT UP AREA WITH BASEMENT	934.52 SQM.
% OF GROUND COVERAGE	59.62%
FAR	1.78
HEIGHT OF BUILDING	9.90MTR
PLINTH HEIGHT	1.20 MTR

**SEPTIC TANK:-**  
 Total no. of occupants in building = 25 person  
 Assuming waste accumulation of 0.10 cum/capita/year (100lit/capita/year)  
 Therefore capacity of Septic tank Required = 25 x 0.10 = 2.5 cum  
 Assuming Cleaning period of 4 year, therefore  
 Max. Capacity of septic tank required = 2.5 x 4 = 10 cum  
 Capacity of septic tank provided = 4.0 x 2.0 = 8 cum  
 Considering free board of 0.30 m.  
 Hence Dimensions of septic tank = (L=4.0m, B=2.0m, H=2.5m)  
 Therefore tank provided for the housing will be as above.

**OVER HEAD WATER TANK:-**  
 Total no. of occupants in Building = 25 person  
 Assuming water consumption of 135 lit./capita/day, therefore  
 Total capacity water tank required = 25 x 135 = 3375 lit = 3.375 cum  
 Considering free board of 0.30m, therefore,  
 Outer dimension of water tank provided (L=3.0 m, B=2.0, H=1.5)  
 The OH tank shall be provided over staircase Mummy.

**THIS IS TO CERTIFY THAT THE STRUCTURE DESIGN OF THE BUILDING WILL BE AS PER I.S. 1893/1984 & 4326/1993 MAKE THE SAME EARTH QUAKE RESISTANT**

**GENERAL SPECIFICATION**

- FOUNDATION :- R.C.C Footing in M-20 Mix & H.Y.S.D Rein , as per design.
- STRUCTURE :- Columns, Beams, Lintels, slabs, Stairs etc. shall be in M-20 concrete & H.Y.S.D Reinforcement as per design
- SUPER STRUCTURE:- 1st class Bricks in 1:4 CM for single B.W & 1:6 CM for Double Brick work.
- PLASTER:- 20 mm thick exterior plaster in 1:6 CM, 12mm thk Interior plaster in 1:6 CM & 6mm thk plaster in 1:4 CM over R.C.C .
- FLOORING :- L.P.S Flooring in Parking Area , Marble flooring in kitchen & toilet & Mosaic tiles flooring in all Rooms & Lobby .
- PAINTING:- Two coats of Cement based water Proofing paint over Exterior surfaces, Two coats of O.B.D over interior wall Enamel Paint over priming coat on Doors, Window & Grills etc.
- WATER PROOFING:- Approved quality of water proofing treatment over Terrace Floor & Down Slab.

**SCHEDULE OF OPENINGS( In mts )**

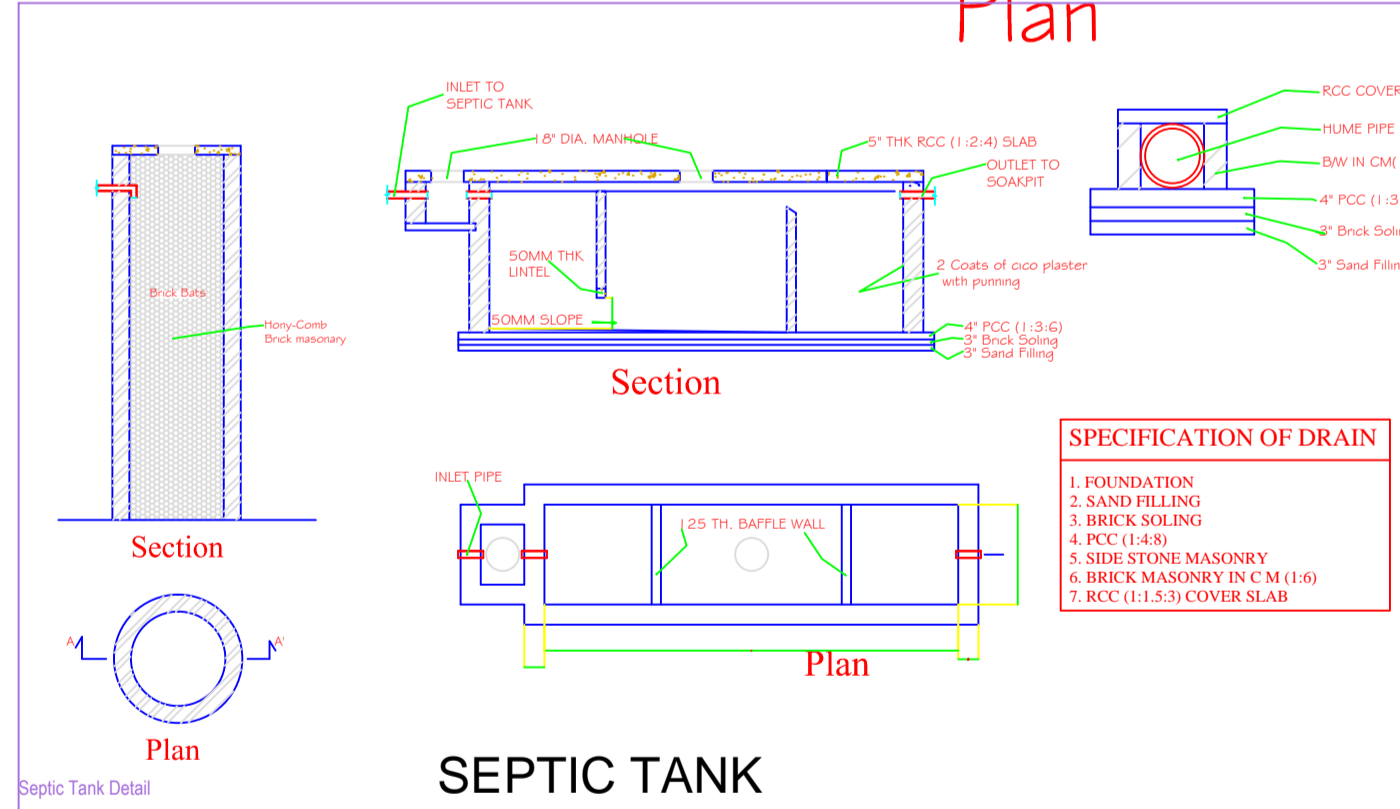
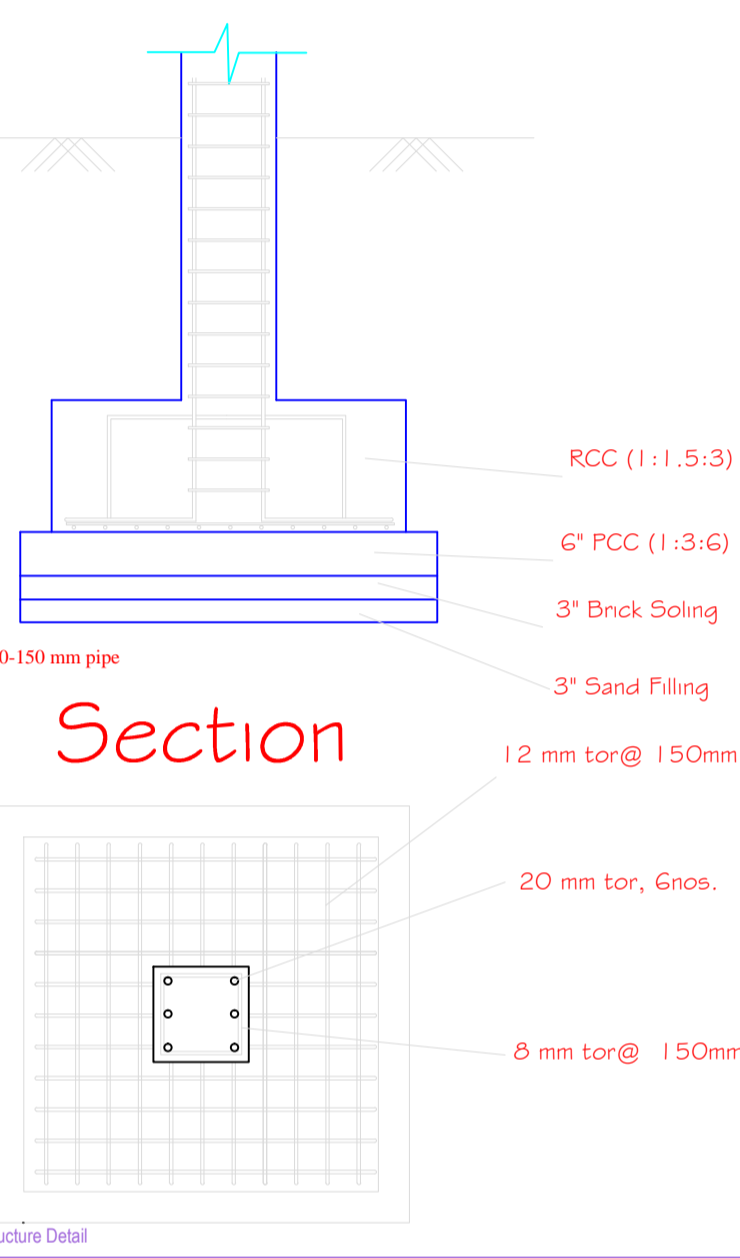
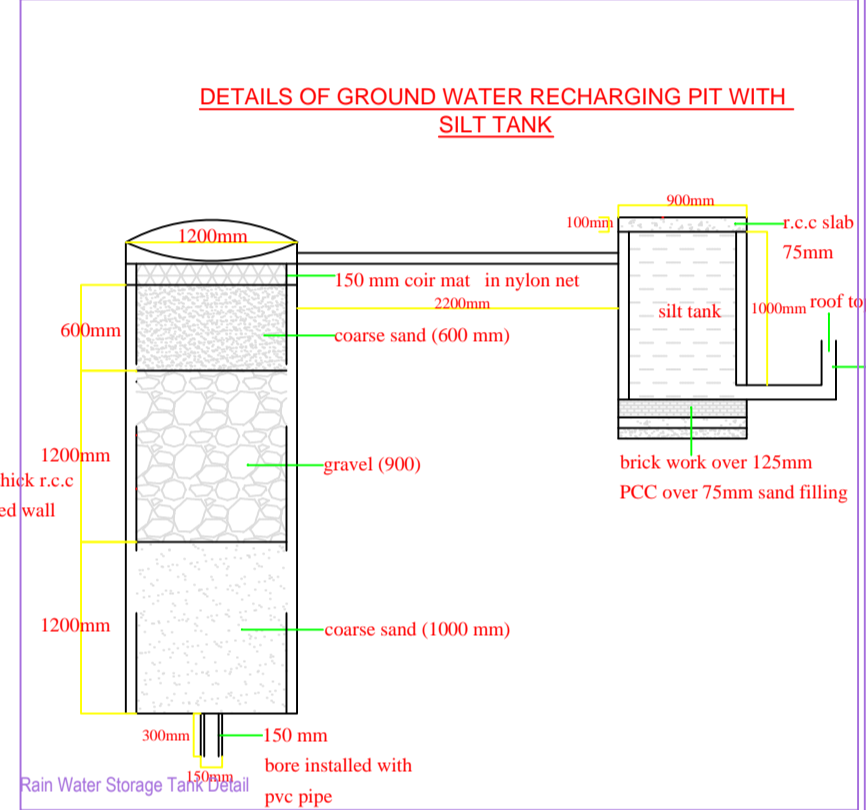
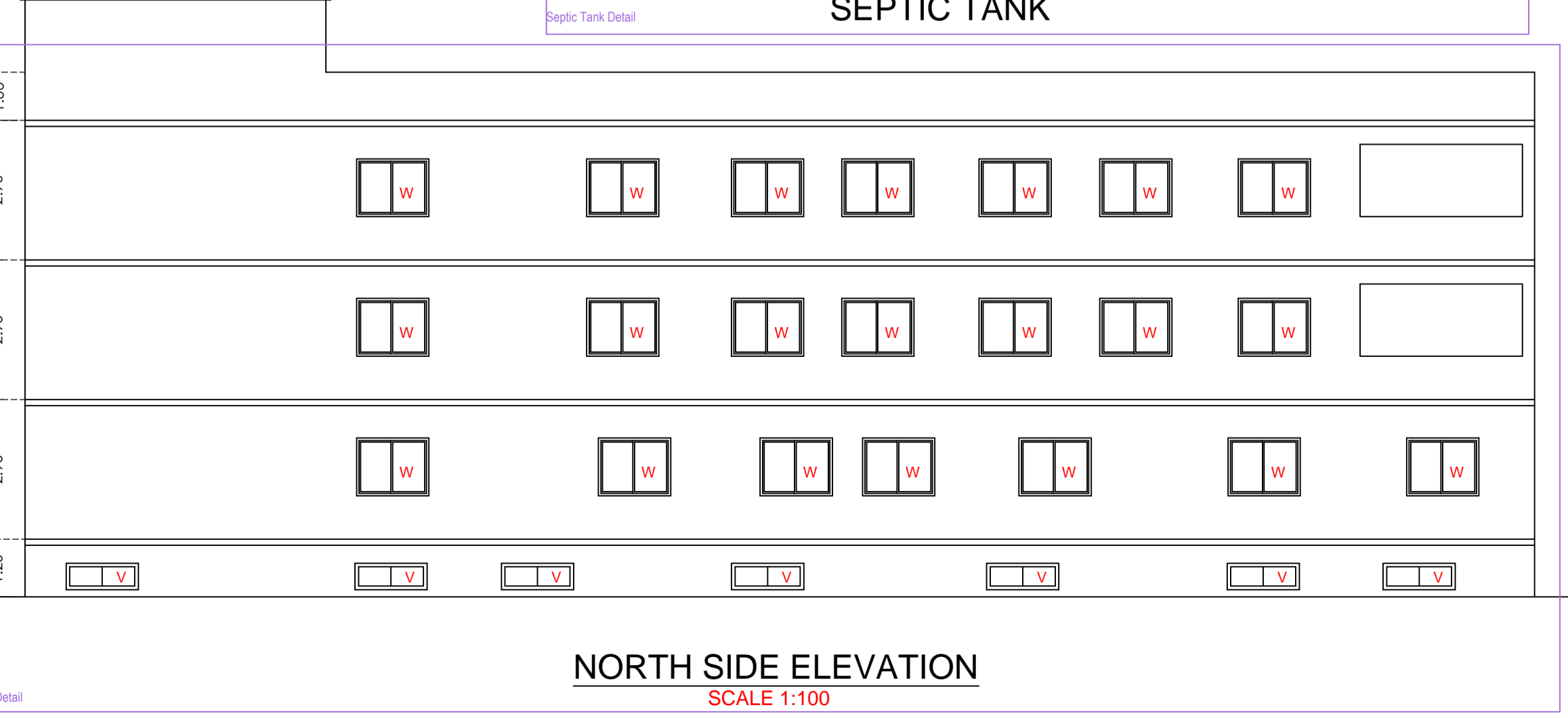
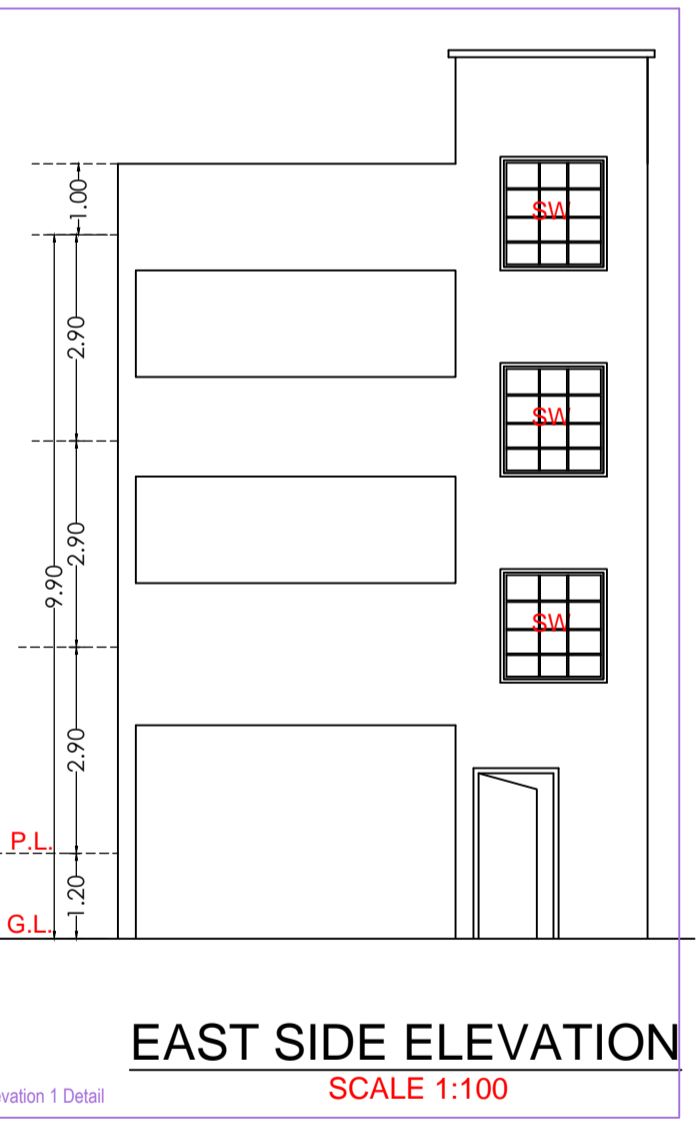
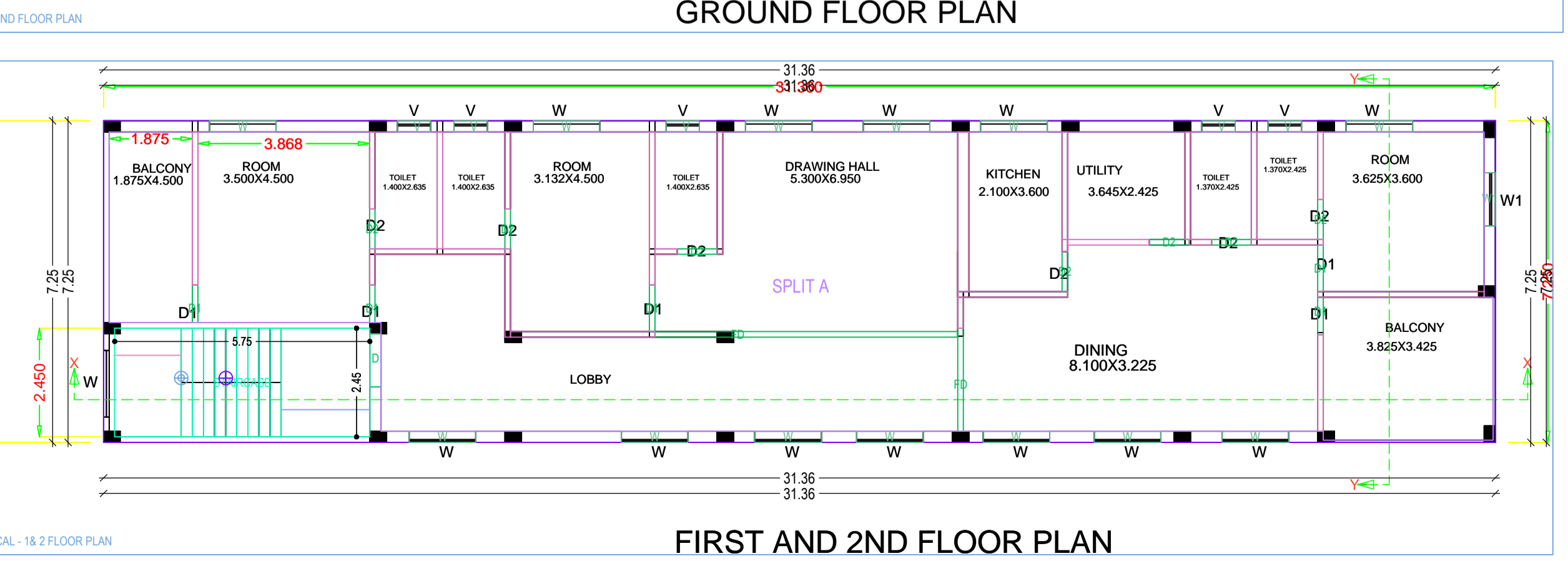
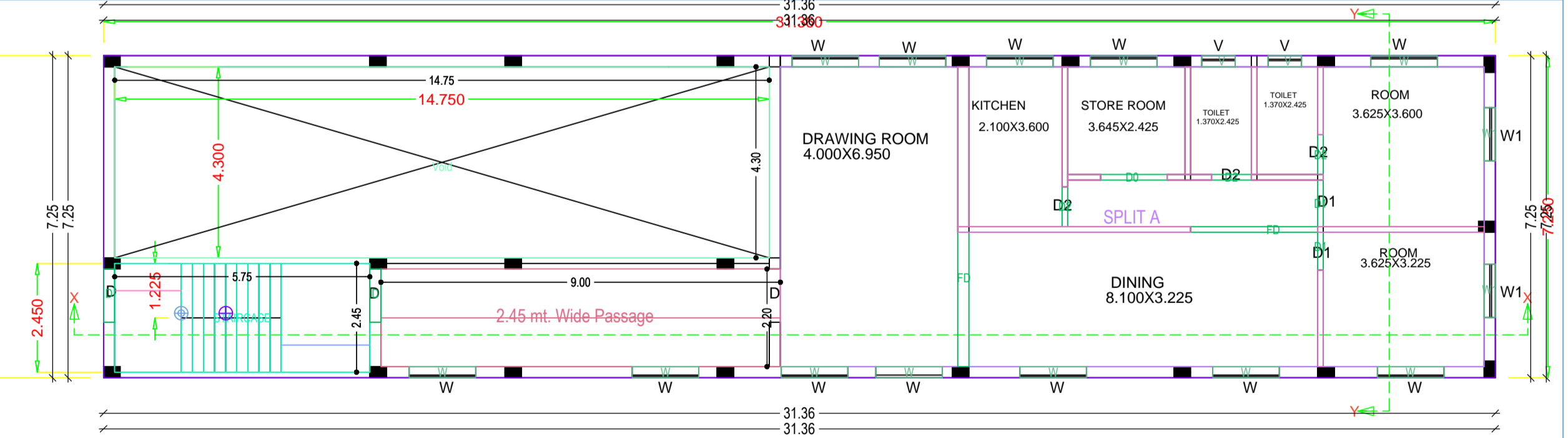
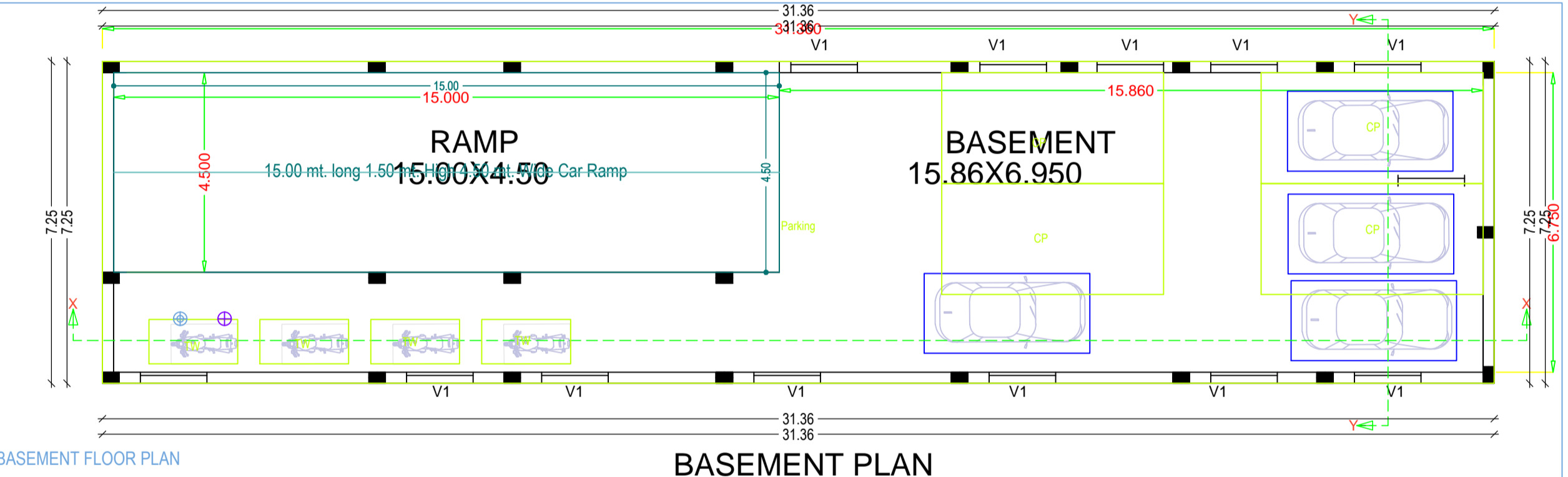
TYPE	WIDTH	HT	SILL	DESCRIPTION
D	1.200	2.200	00	TIMBER FRAME, FLUSH DOOR
D1	1.050	2.100	00	TIMBER FRAME, FLUSH DOOR
D2	0.900	2.100	00	TIMBER FRAME, FLUSH DOOR
W	1.500	1.200	0.9	ALUMINUM FRAME & SHUTTER
W1	1.200	1.200	0.9	ALUMINUM FRAME & SHUTTER
V	0.75	0.600	2.2	ALUMINUM FRAME & SHUTTER
V1	1.500	600	2.0	ALUMINUM FRAME & SHUTTER

PROPOSED BUILDING OF SMT MANJU SINGH W/O SRI SAILESH SINGH AT MOUZA DUMKA TOWN NO-07, KHATA NO- 16, PLOT NO 1644(P), WARD NO-21, BAL BHARTI SCHOOL ROAD MOHALLA CHUHA BAGAN, P.S DUMKA TOWN, DIST DUMKA, JHARKHAND, AREA 6KHATT-0 DHUR

CLIENT'S SIGNATURE \_\_\_\_\_

ARCHITECT/ LICENCE ENGINEER SIGNATURE \_\_\_\_\_

NOTES  
ALL DIMENSION ARE IN METER UNLESS MENTION OTHERWISE



**SPECIFICATION OF DRAIN**  
 1. FOUNDATION  
 2. SAND FILLING  
 3. BRICK SOLING  
 4. RCC (1:1.5:3)  
 5. SIDE STONE MASONRY  
 6. BRICK MASONRY IN (M 1:6)  
 7. RCC (1:1.5:3) COVER SLAB