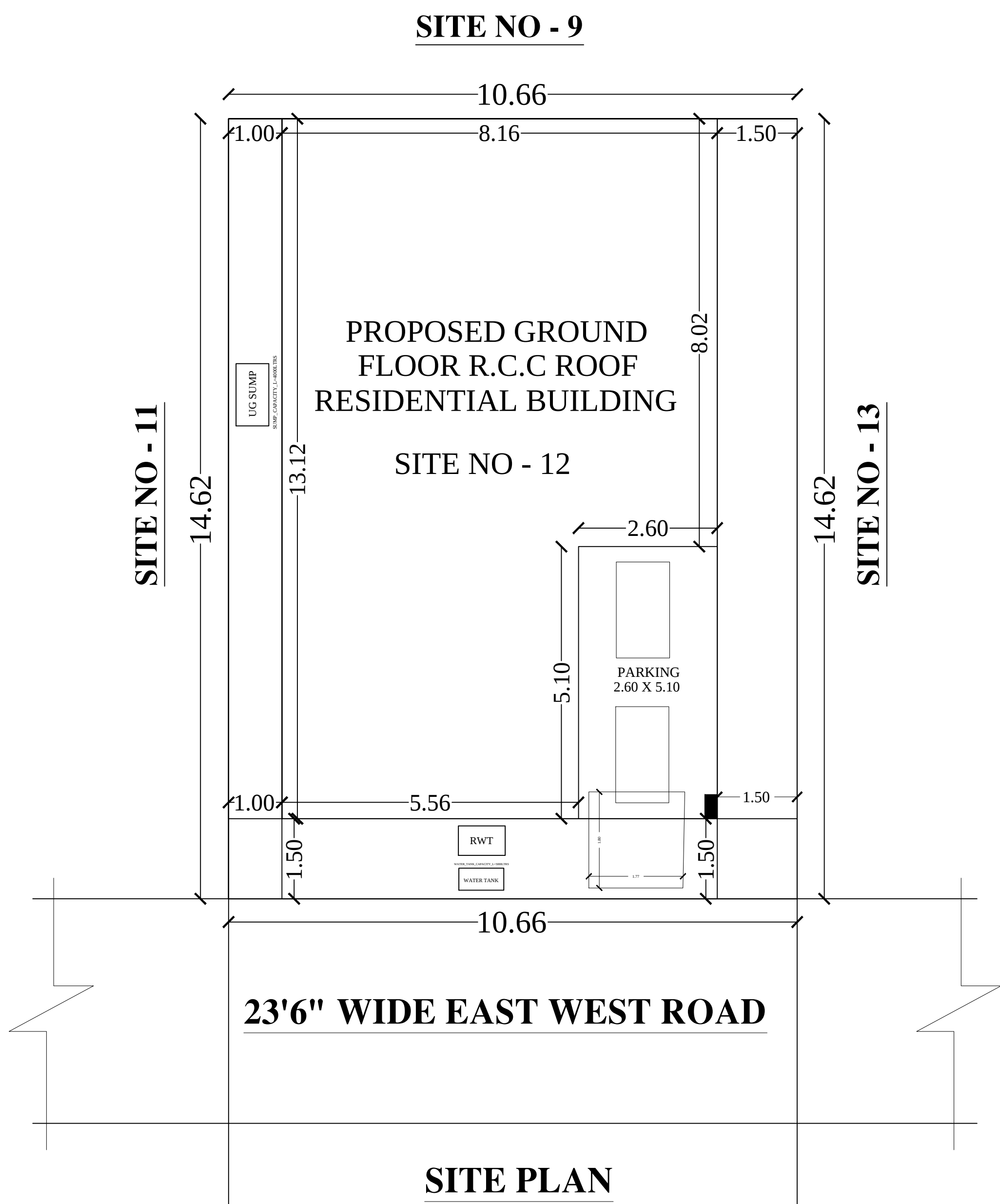
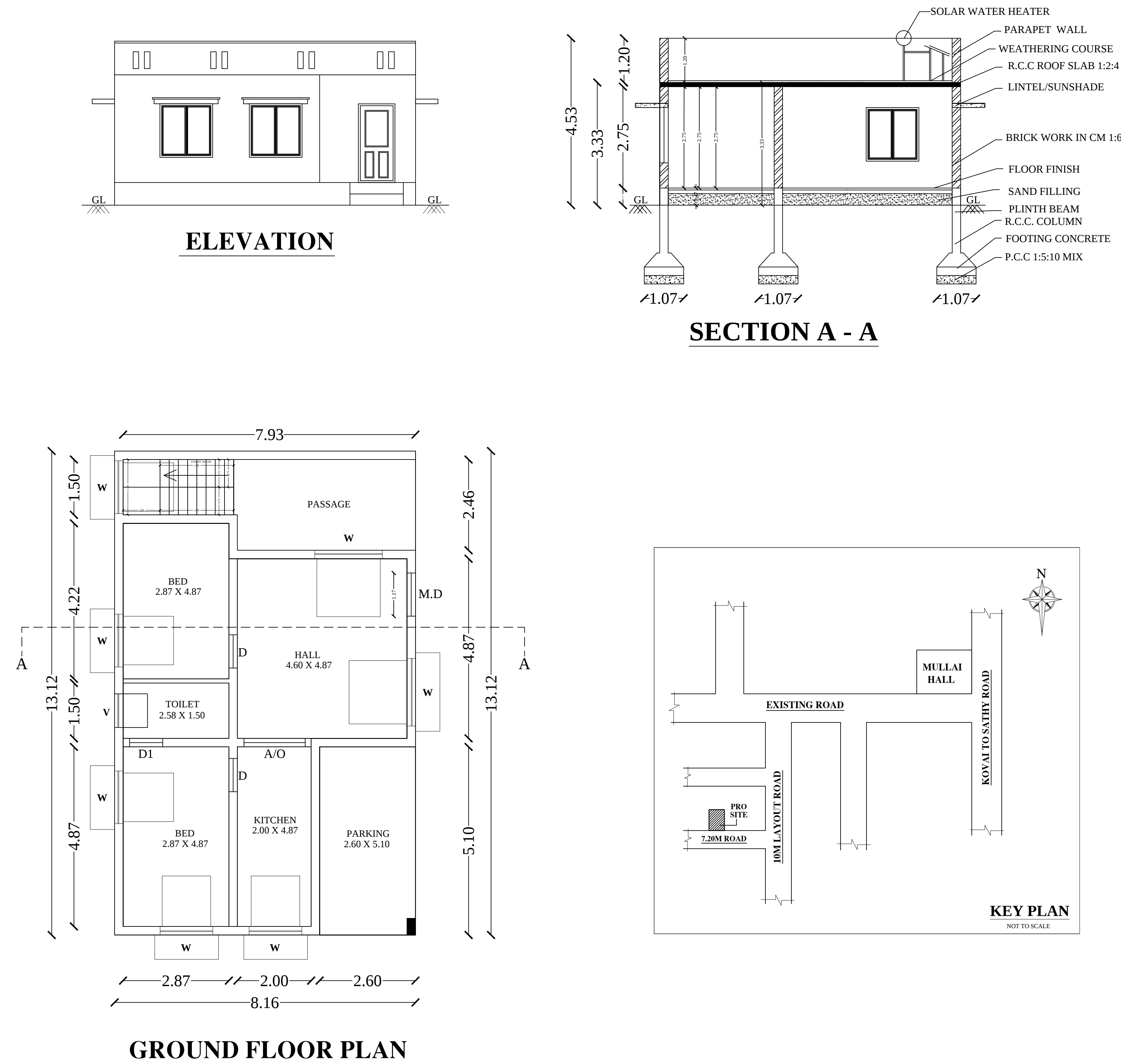


PLAN SHOWING PROPOSED GROUND FLOOR R.C.C ROOF RESIDENTIAL BUILDING IN OLD SF.NO - 491/1A3A1A, AS PER SUB - DIVISION : 491/11, SITE NO - 12, SMS AVENUE PHASE 1, SARKAR SAMAKULAM TOWN PANCHAYAT, ANNUR TALUK, COIMBATORTE DISTRICT. APPROVED LAYOUT NO : 145/2020 DATED : 27.11.2020



Essential Elements for Earthquake Safety:-

The Essential Elements required to make a Building Earthquake Safe are as given in Figure-1.

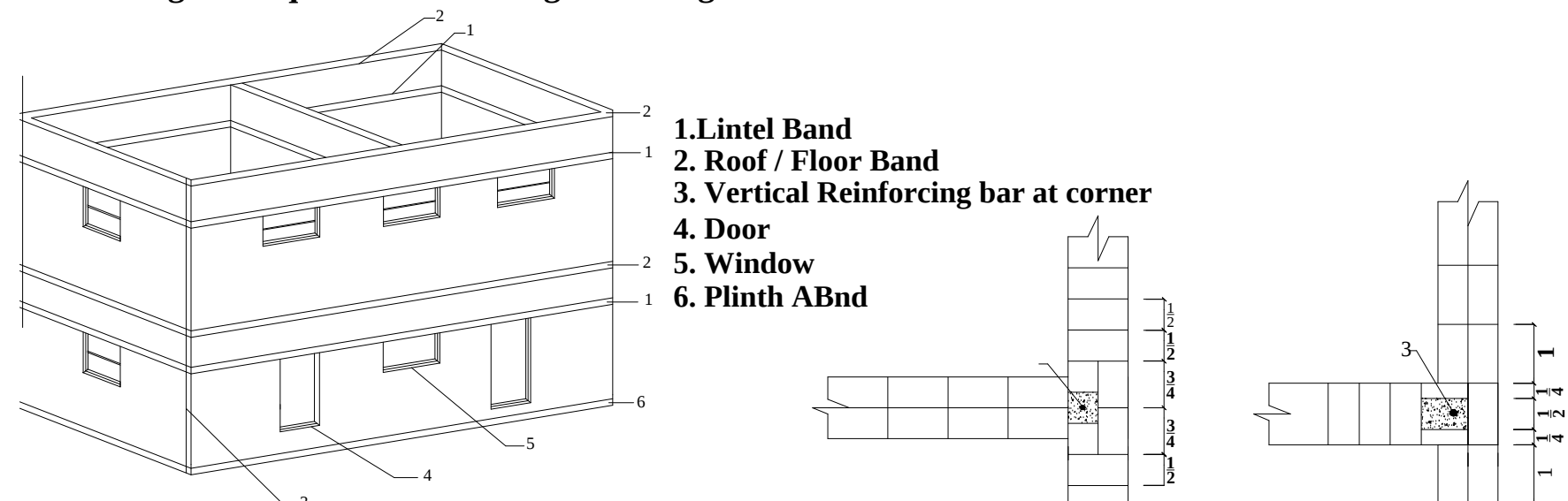
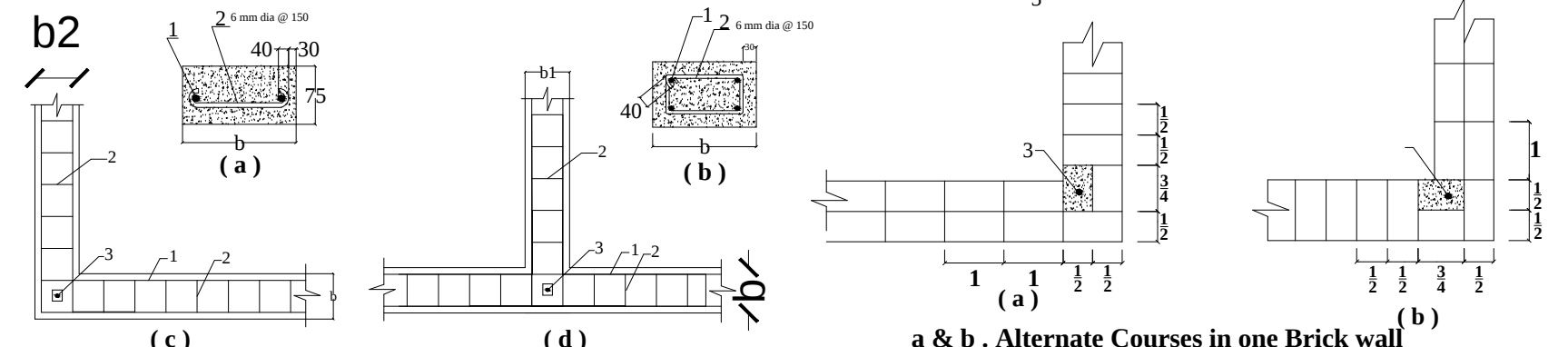


Figure - 1 :Essential Internal Elements in Buildings for Earthquake Safety.



a. Section of the Band with 2 Longitudinal steel bars
b. Section of the Band with 4 Longitudinal steel bars
c. Structural Plan at L-Type wall Junction
d. Structural Plan at T-Type wall Junction
1. Longitudinal Reinforcements
2. Lateral Tiles
3. Vertical Reinforcement at corners
b,b1,b2 Wall Thickness

Figure - 2 : Reinforcement and Bending Details of Seismic Bands.

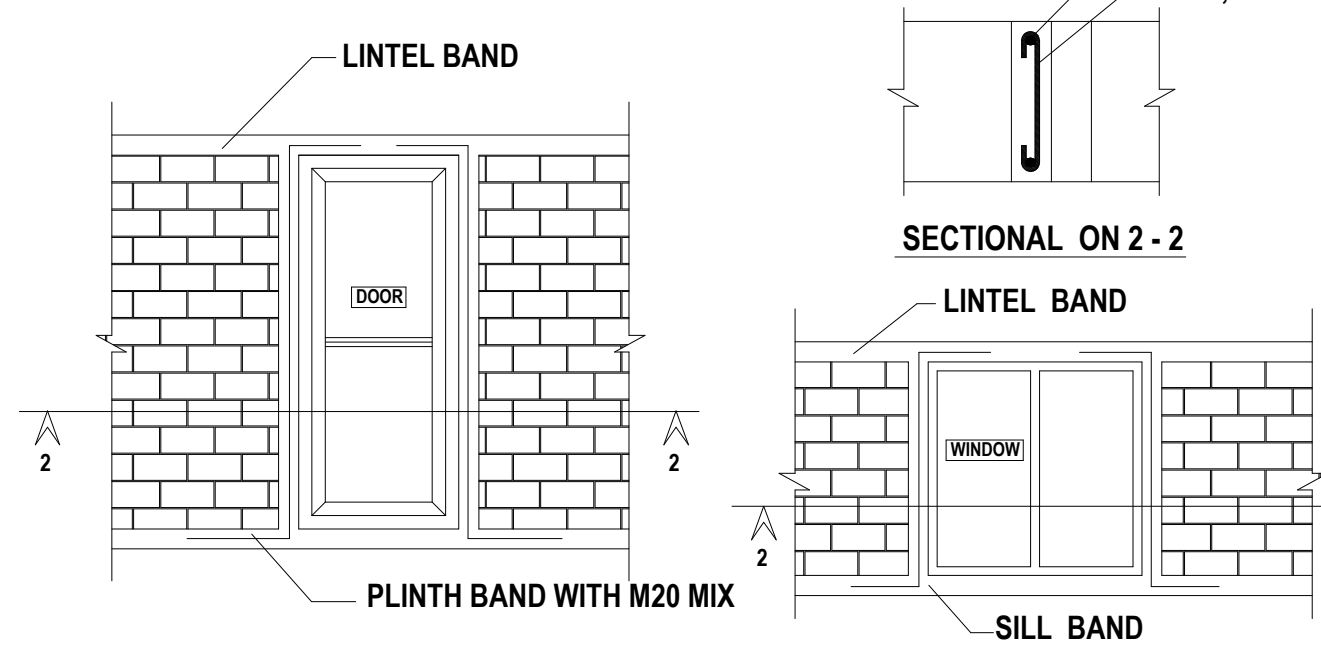
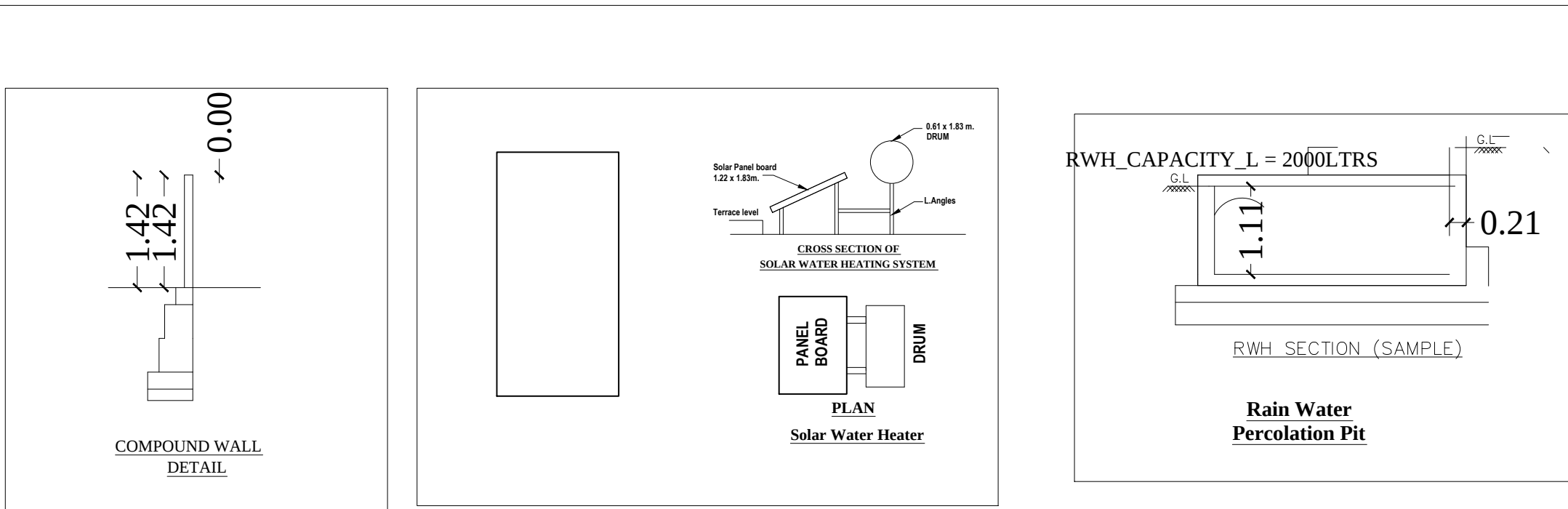
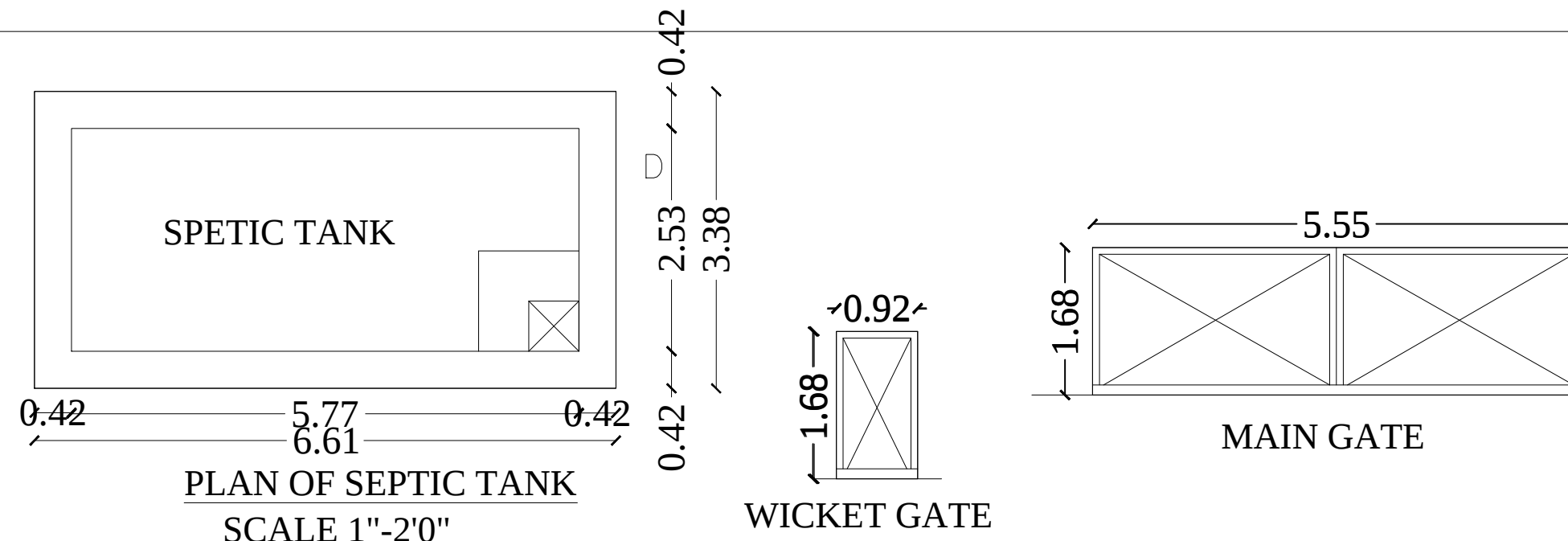
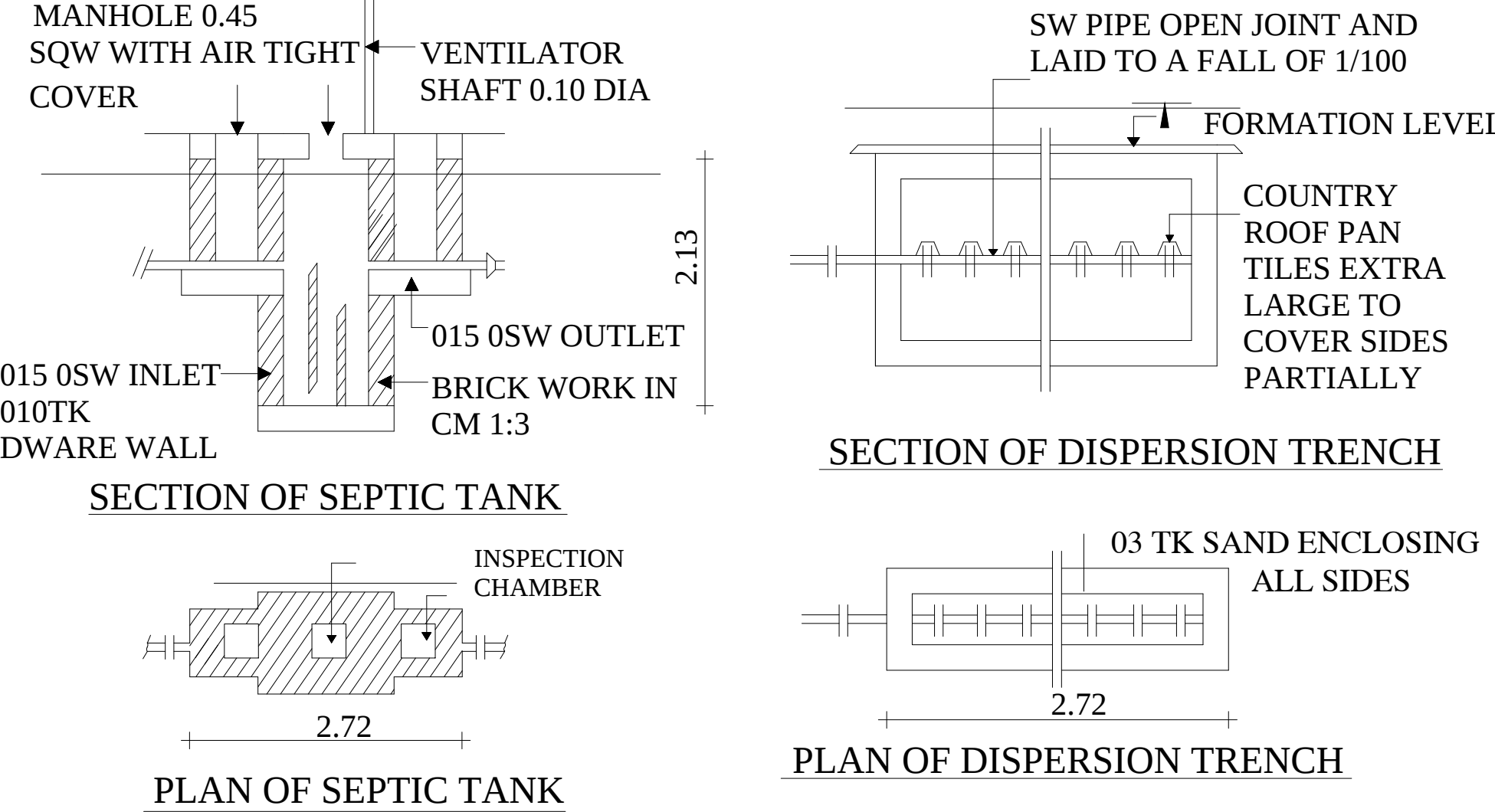
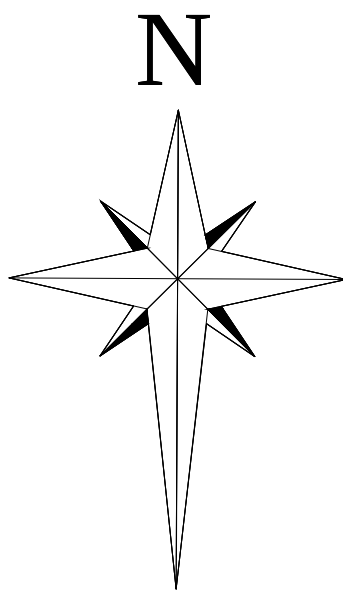


Figure - 3 : Typical Details of Providing Vertical Steel Bars in Brick Masonry.

DETAILED DRAWING FOR SEPTIC TANK WITH DISPERSION TRENCH 225 GALLONS CAPACITY OF 1000 LITRES



Plan, Section & Elevation	Site Plan
SCALE 1" : 8' 0"	1" : 8' 0"
☐ SITE BOUNDRY	
☐ PROPOSED BUILDING	
☐ DEMOLISED BUILDING	
☐ EXISTING ROAD	



AREA DETAILS

AREA OF THE SITE AS PER DOCUMENT	IN SFT	IN SQ. M.
AREA OF THE PROPOSED GROUND FLOOR	1152.39	107.06
AREA OF THE OPEN SPACE	527.61	49.01

JOINERY DETAILS

Sym.	DESCRIPTION	IN FEET
MD	MAIN DOOR	3' 6" X 7' 0"
D/O	DOOR / OPEN	3' 3" X 7' 0"
D1	DOOR	2' 6" X 7' 0"
W	WINDOW	6' 0" X 4' 6"
W1	WINDOW	4' 0" X 4' 6"
V	VENTILATOR	4' 0" X 2' 6"

HORIZONTAL DISTANCE FROM HT.LINE IF ANY - NIL.

PERCOLATION PIT @ 10' c/c

ALL METREIC DIMENSION ARE IN "m"

Mr.VIVEKANANDAN GOMATHESWARAN
Mrs.VIMALADEVI VIVEKANANDAN

Applicant

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Coimbatore-641 035.
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Regd Engineer