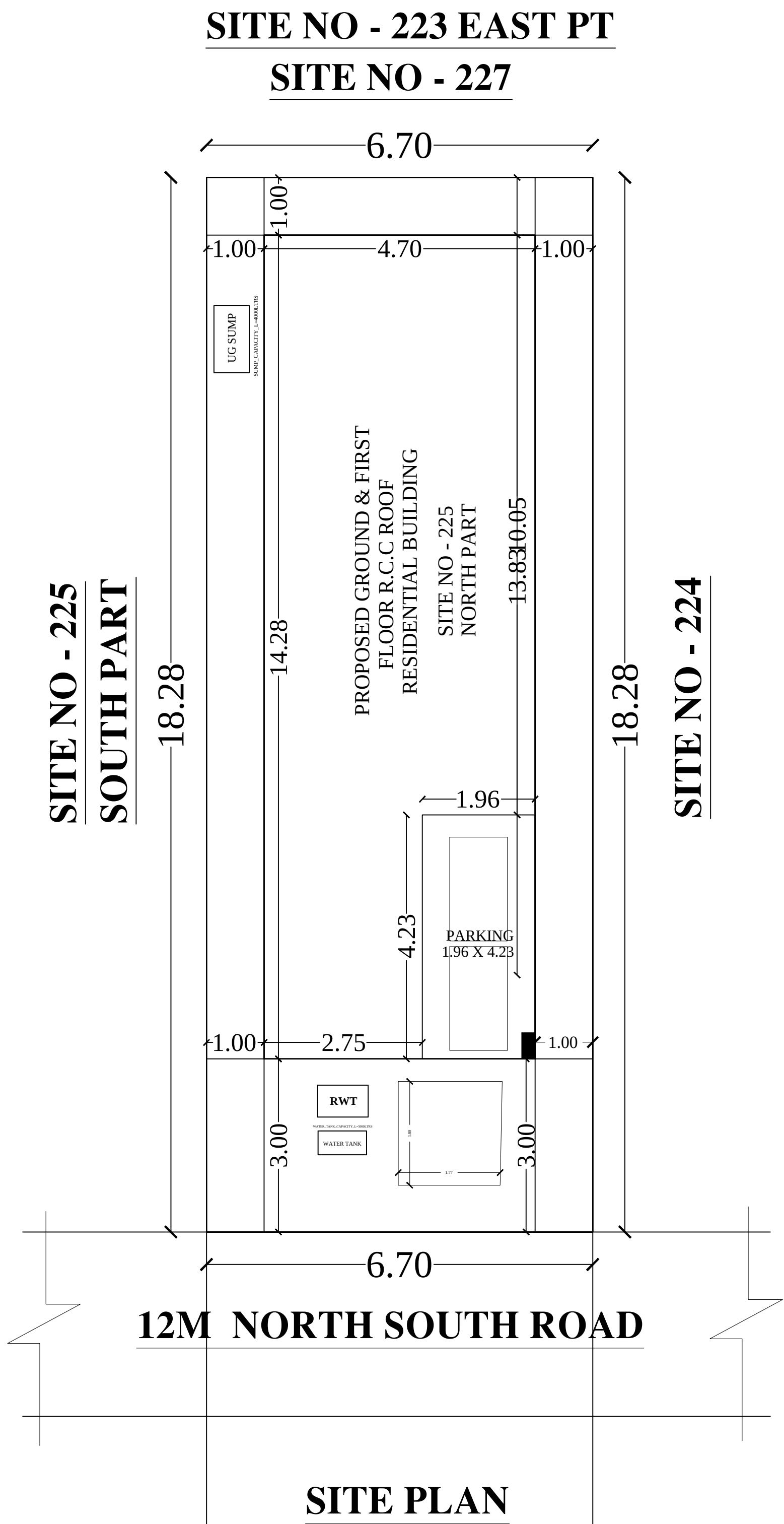
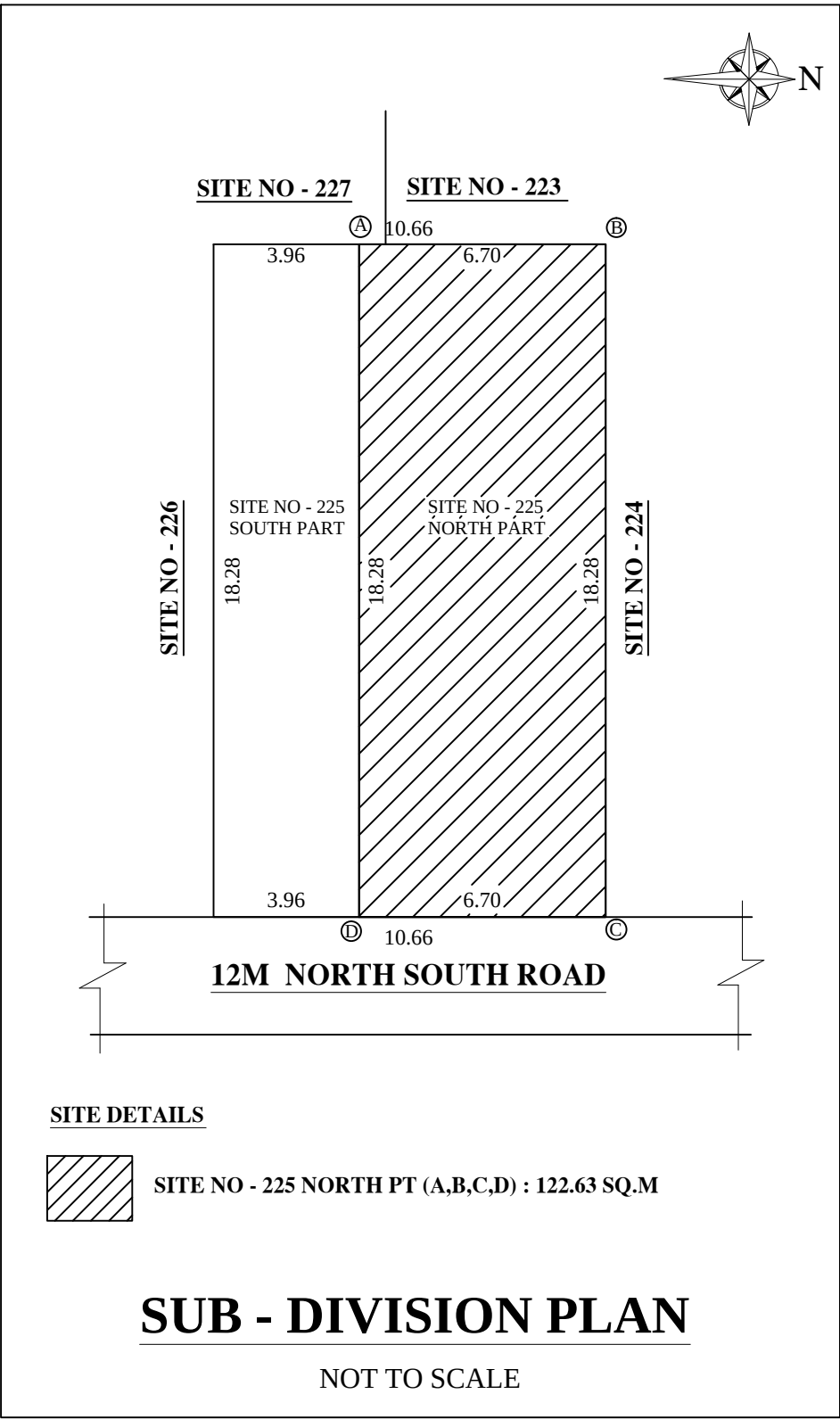
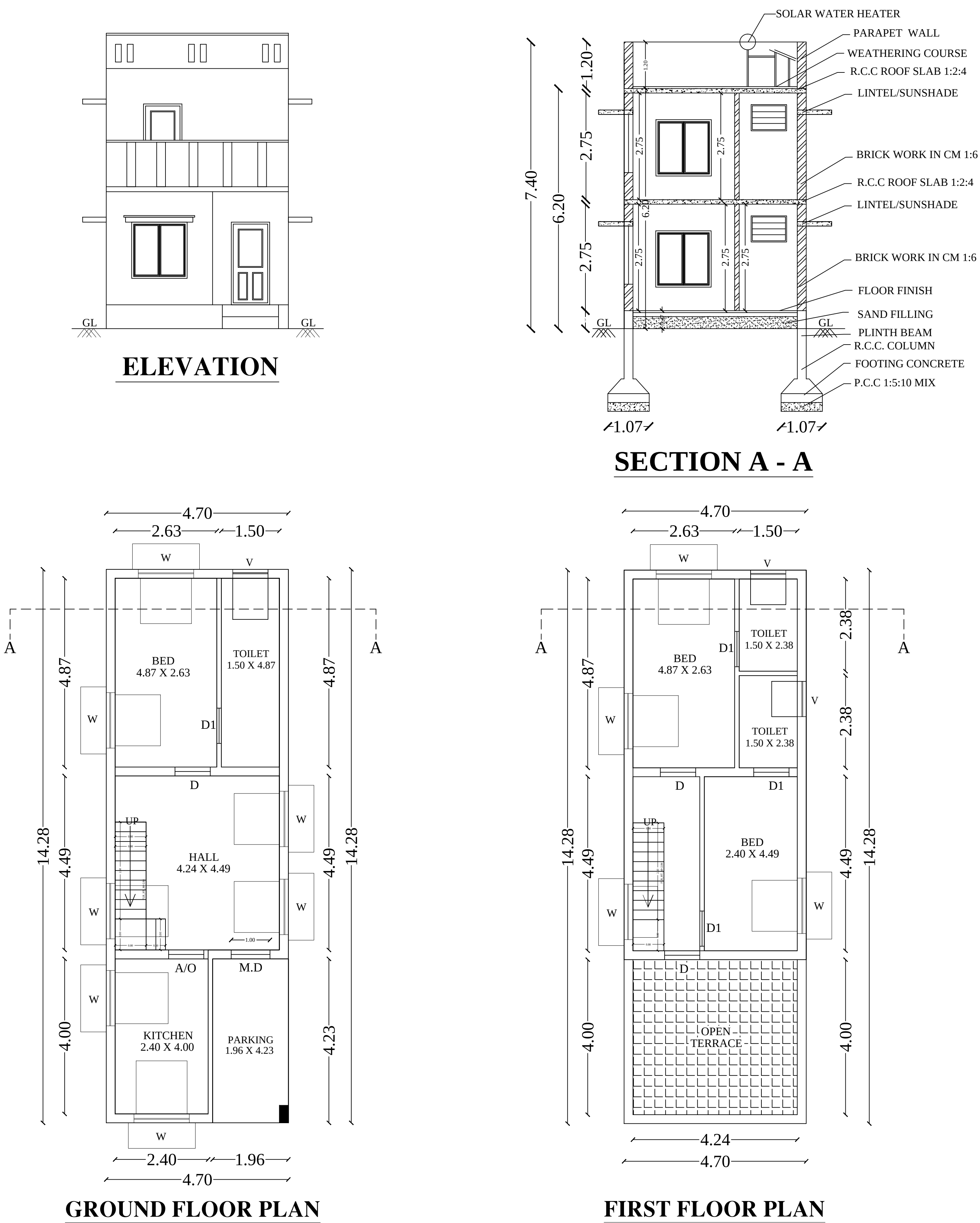


PLAN SHOWING PROPOSED GROUND AND FIRST FLOOR R.C.C ROOF RESIDENTIAL BUILDING
IN OLD SF.NO - 272/2B, AS PER SUB-DIVISION - 272/2B14, SITE NO - 225/ NORTH PART, SRI LAKSHMI GARDEN,
SARKAR SAMAKULAM TOWN PANCHAYAT , ANNUR TALUK, COIMBATORTE DISTRICT.
APPROVED LAYOUT NO : 12/2023



Essential Elements for Earthquake Safety:-

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

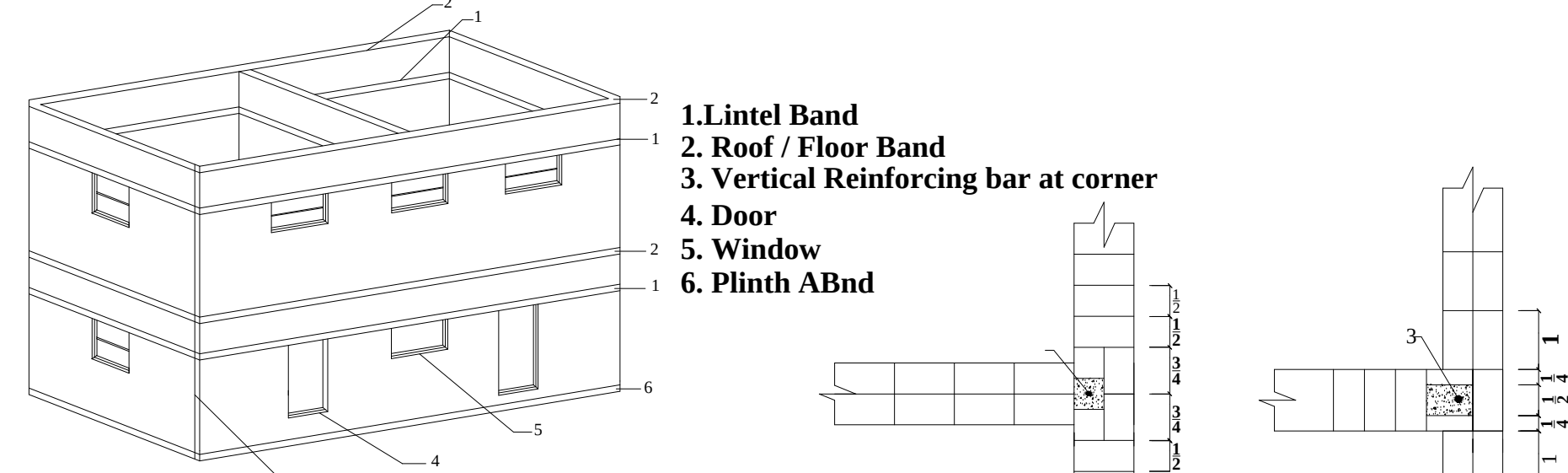
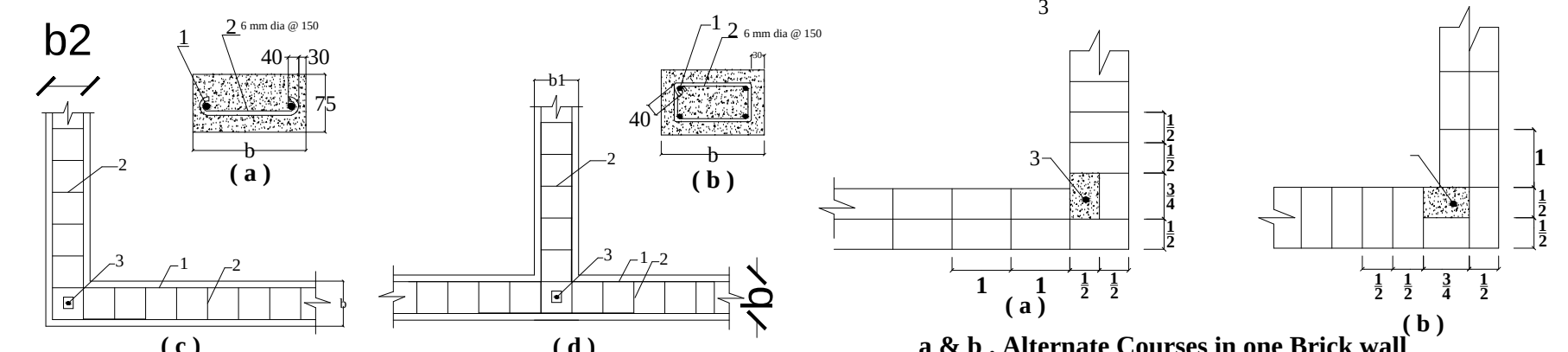
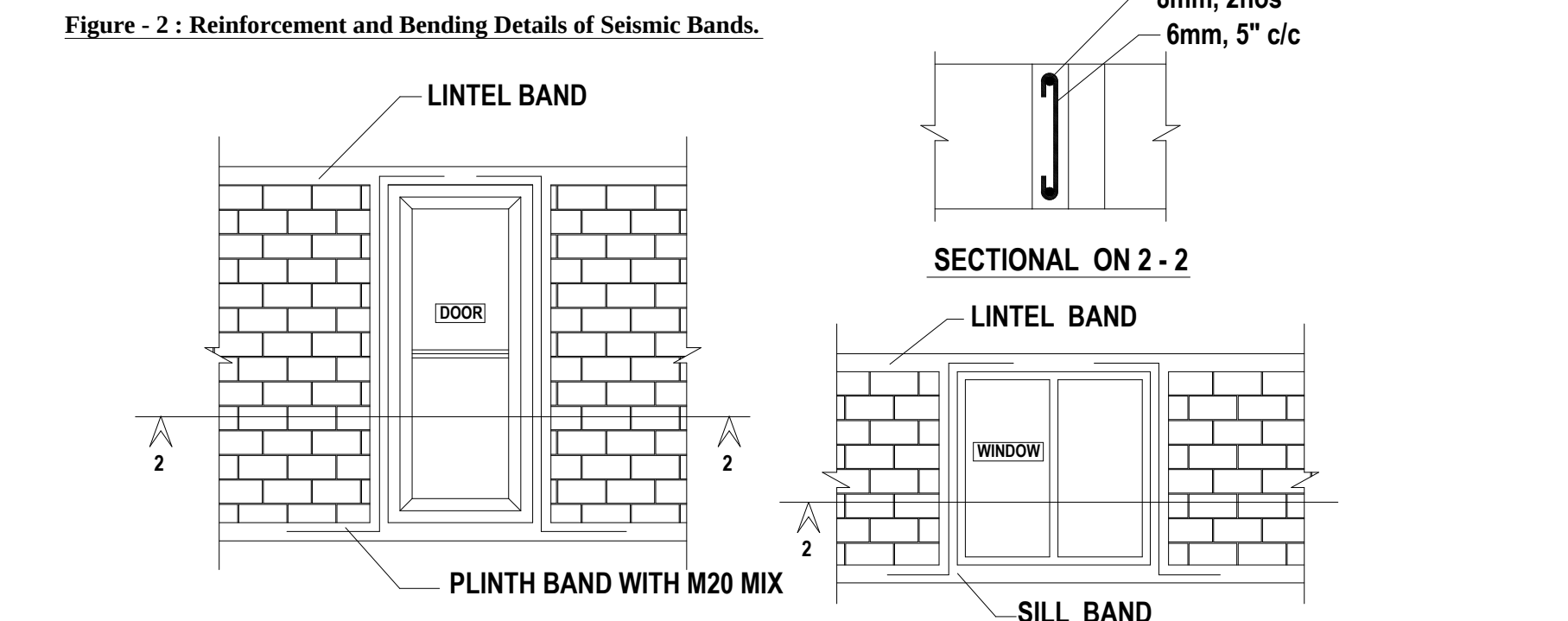


Figure - 1 :Essential Internal Elements in Buildings for Earthquake Safety.



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 Ties
3. Vertical Reinforcement at corners
b,b1,b2 Wall Thickness
a & b . Alternate Courses in one Brick wall
1 : one Brick Length
1/2 : Half Brick Length
1/4 : Quarter of a Brick Length
3/4 : Three Quarters of a Brick Length
3. Vertical Reinforcement bars with Concrete/ Mortar Filling in Pocket of M20 Grade (1:1 1/2 :3)
Figure - 3 : Typical Details of Providing Vertical Steel bars in Brick Masonry.

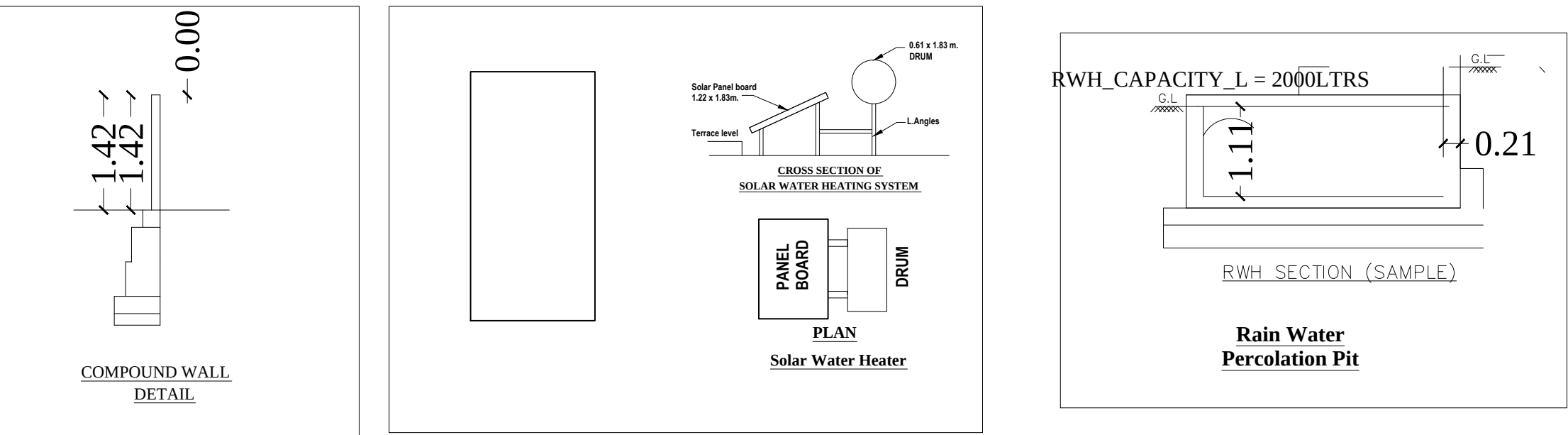
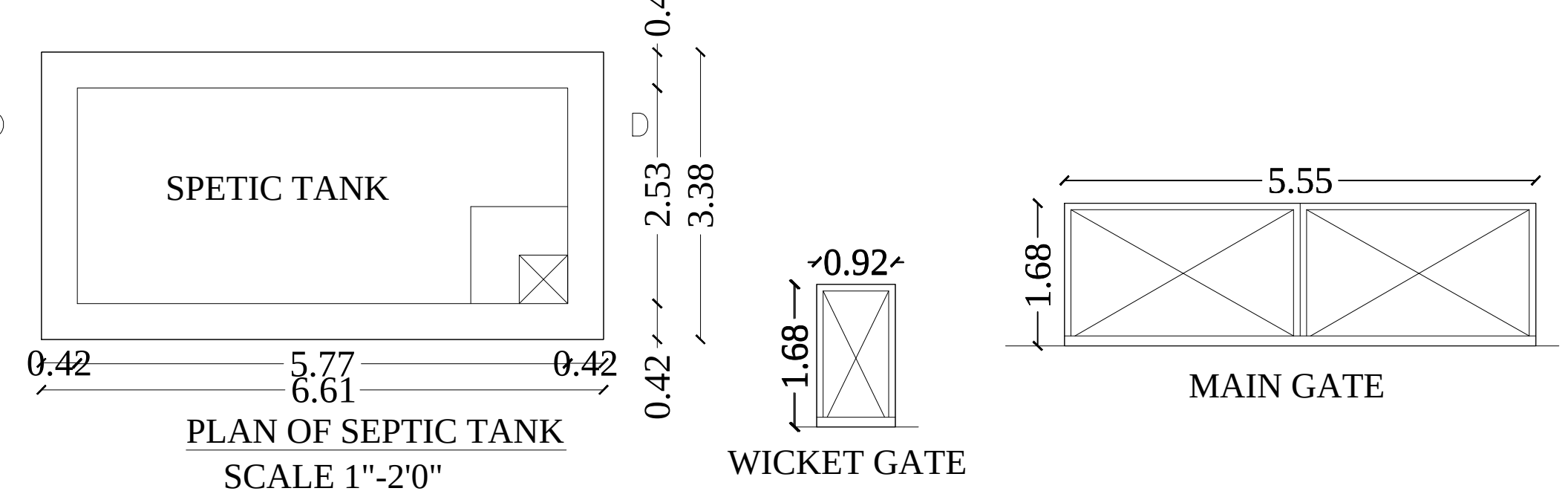


JOINERY DETAILS			
Sym.	DESCRIPTION	IN FEET	
MD	MAIN DOOR	3' 6" X 7' 0"	1.07 X 2.13
D/O	DOOR / OPEN	3' 3" X 7' 0"	1.00 X 2.13
D1	DOOR	2' 6" X 7' 0"	0.76 X 2.13
W	WINDOW	6' 0" X 4' 6"	1.82 X 1.37
W1	WINDOW	4' 0" X 4' 6"	1.22 X 1.37
V	VENTILATOR	4' 0" X 2' 6"	1.22 X 0.76

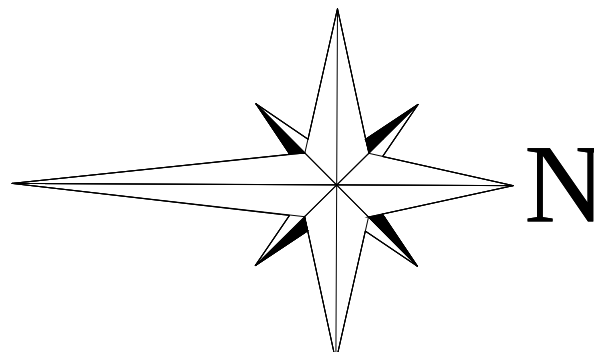
HORIZONTAL DISTANCE FROM HT.LINE IF ANY - NIL.

PERCOLATION PIT @ 10' c/c

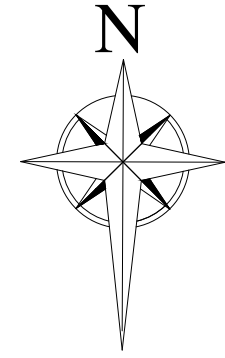
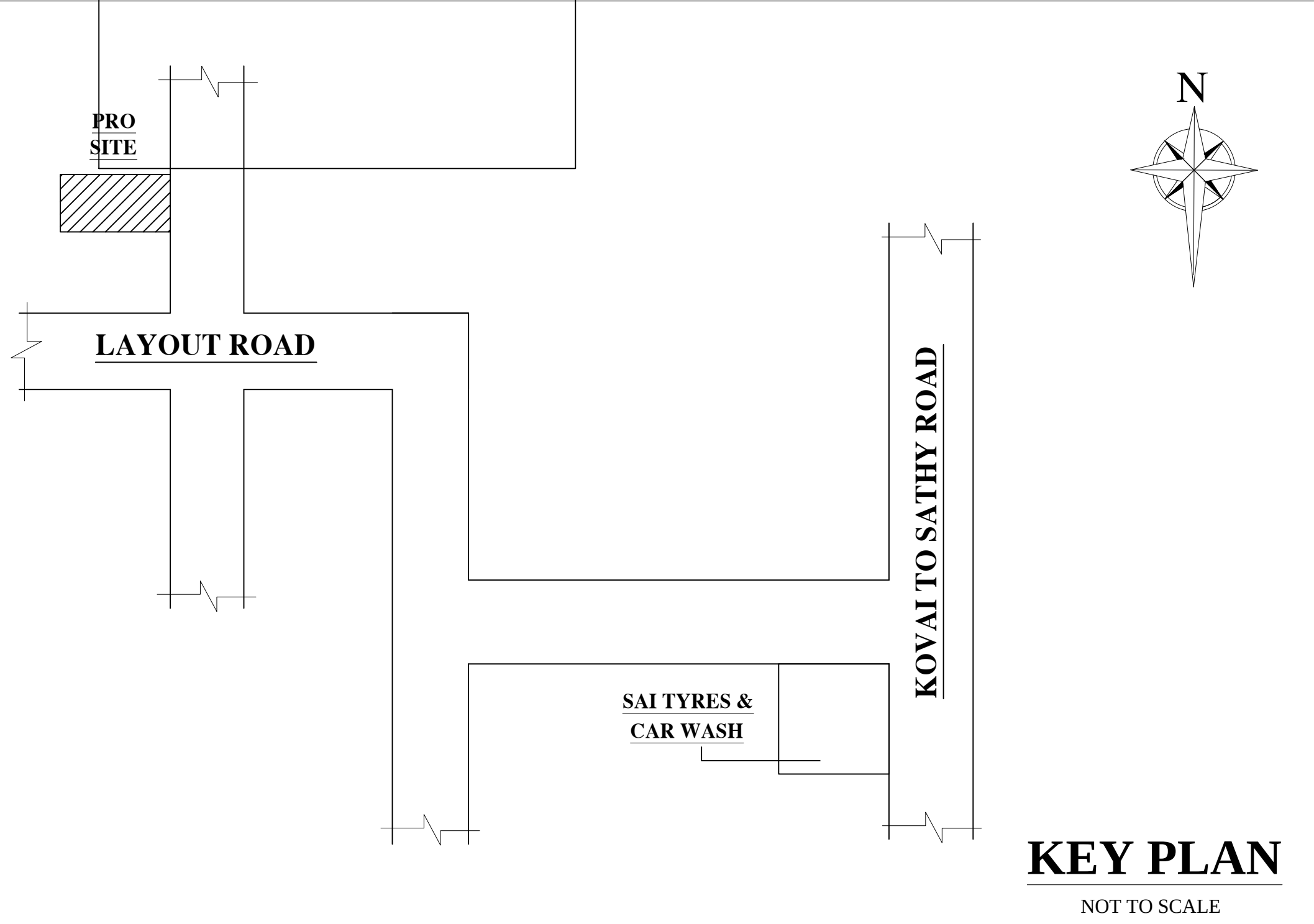
ALL METREIC DIMENSION ARE IN "m"



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



AREA DETAILS	IN SFT	IN SQ. M.
AREA OF THE SITE AS PER DOCUMENT	1320.00	122.63
AREA OF THE PROPOSED GROUND FLOOR	722.47	67.12
AREA OF THE PROPOSED FIRST FLOOR	508.49	47.24
TOTAL AREA OF THE PROPOSED BUILDING	1230.97	114.36
AREA OF THE OPEN SPACE	597.53	55.51



M. Deepa

Mrs.THANIS MELBIN DEEPA

Applicant

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LBS No.: 0022/2018 Grade-I

Regd Engineer