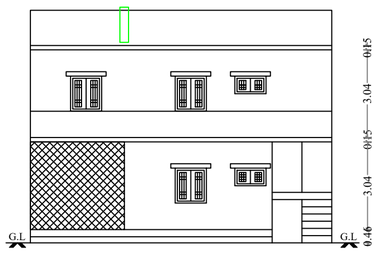
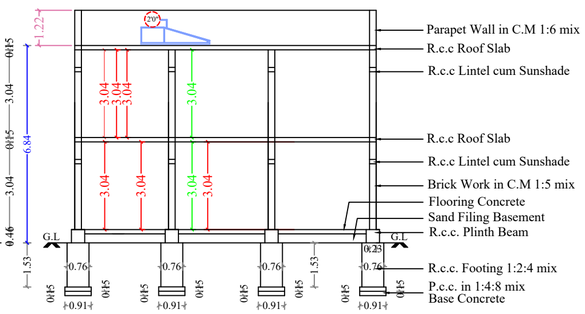
PLAN SHOWING THE PROPOSED CONSTRUCTION OF R.C.C ROOF GROUND FLOOR COMMERCIAL CUM RESIDENTIAL BUILDING AND FIRST FLOOR R.C.C ROOF RESIDENTIAL BUILDING IN S.F.NO :118/1F AT SHOP SITE NO IN "ANGAMMAL LAYOUT" SARKARSAMAKULAM TOWN PANCHAYAT, ANNUR TALUK AND COIMBATORE DISTRICT.

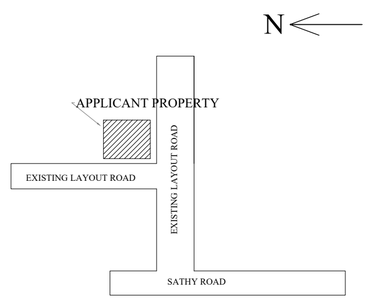
APPLICANT NAME : Mr. MURUGESAN S/O MASICHETTIYAR

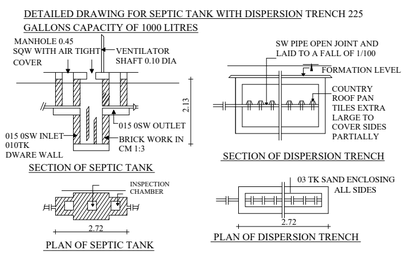


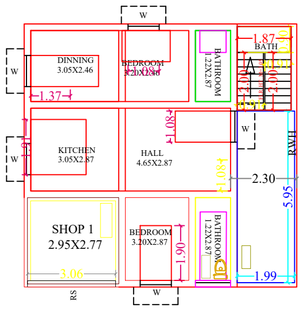
FRONT ELEVATION



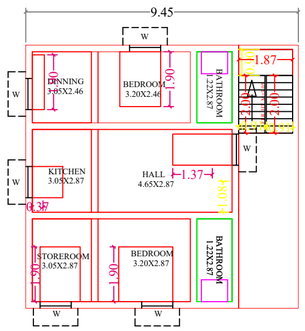
SECTION ON - "AB"



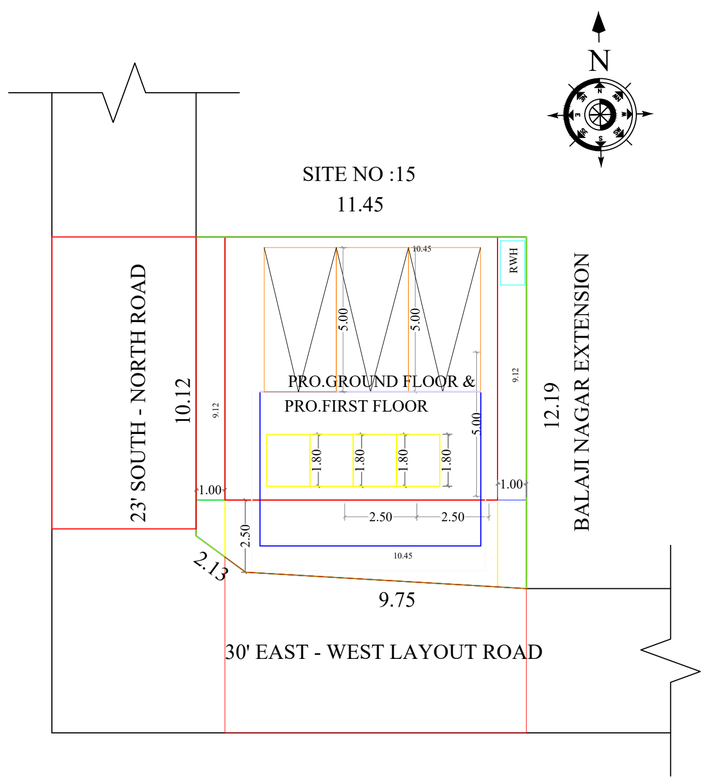




PRO.GROUND FLOOR

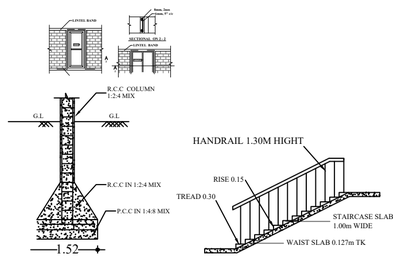


PRO. FIRST FLOOR



SITE PLAN

SCALE - 1:100



R.C.C. COLUMN DETAILS

SCALE 1:50

STAIRCASE DETAILS

SCALE 1:50

Essential Elements for Earthquake Safety:-

The Essent
Building E

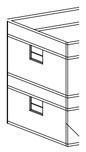
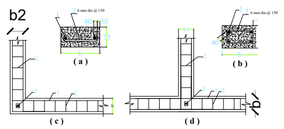


Figure - 1 :Essentia

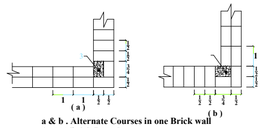


a. Section of the Band with 2 Longitudinal steel bars
b. Section of the Band with 4 Longitudinal steel bars
c.Structural Plan at L-Type wall Junction
d.Structural Plan at T-Type wall Junction

1. Longitudinal Reinforcements
2. Lateral Tiles
3. Vertical Reinforcement at corners

b,b1,b2 Wall Thickness

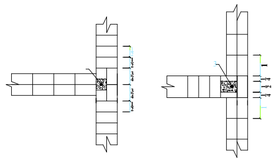
Figure - 2 : Reinforcement and Bending Details of Seismic Bands.



a & b . Alternate Courses in one Brick wall
1 : one Brick Length
½ : Half Brick Length
¼ : Quarter of a Brick Length
¾ : 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.



APPROVAL AUTHORITY

COLOR INDEX	
	SITE BOUNDRY
	PRO. R.C.C ROOF RESIDENTIAL BUILDING
	ROAD DETAILS

PARKING STALL DETAILS		
CAR SPACE	0	0
BIKE SPACE	2	2
SCALE = 1" = 8'-0" (1:100)	All Dimensions Are In Meters	

SCHEDULE OF JOINERIES

DESCRIPTION	SIZE IN FEET	SIZE IN M
Main Door - MD	3'6" x 7'0"	1.07 x 2.13
Door - D1	3'0" x 7'0"	0.19 x 2.13
Door - D2	2'9" x 7'0"	0.84 x 2.13
Window - W	3'6" x 4'0"	1.07 x 1.22
Window - W1	5'0" x 4'0"	1.52 x 1.22
Ventilator - V	3'0" x 2'0"	0.91 x 0.61

AREA OF THE PROPOSED CONSTRUCTION DETAILS

DESCRIPTION	SQ.FT	SQ.M
Area of the Site (as per Document)	**1459.00**	**135.54**
GROUND FLOOR		
Proposed Area of the Commercial	**101.93**	**9.47**
Proposed Area of the Residential	**923.76**	**85.82**
Proposed Area of the First Floor	**1025.70**	**95.29**
Total Builtup Area	**2051.50**	**190.58**
Area of the Open Space	**433.30**	**40.25**

FSI = Total Builtup Area / Total Site Area = 1.40 < 2

APPLICANT SIGN

Er. D. BOOPATHY, B.E.,
Licensed Building Surveyor
UNB CONSTRUCTION
8B, Eswaran Kovil Street
Sarkarsamakulam, Coimbatore - 641107
Cell : 9677689466, 7010161658
LBS No.: 001/2021/GR-III

ENGINEER / L.B.S

Signature Not Verified
Signed by: Executive Officer
Location:Coimbatore
Date:2025.03.24 13:11:06