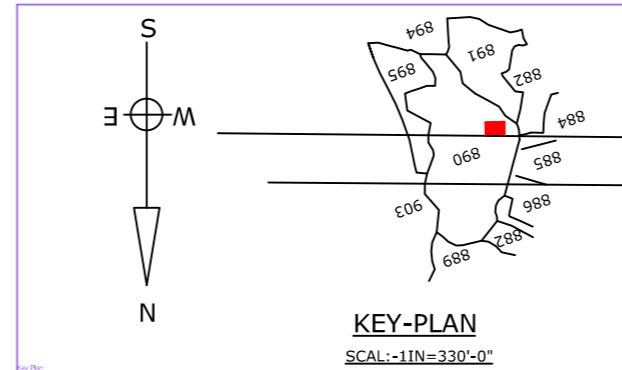
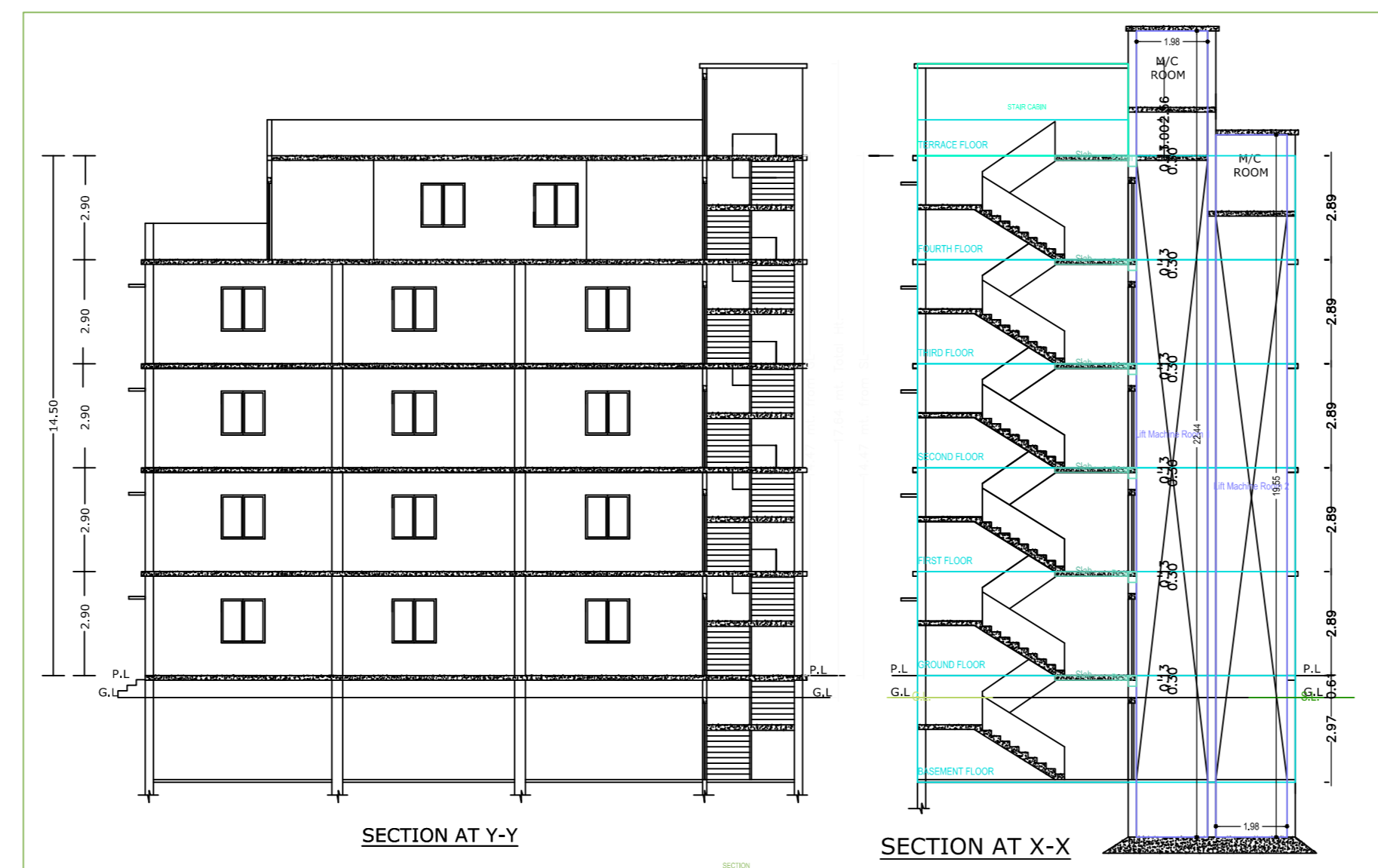
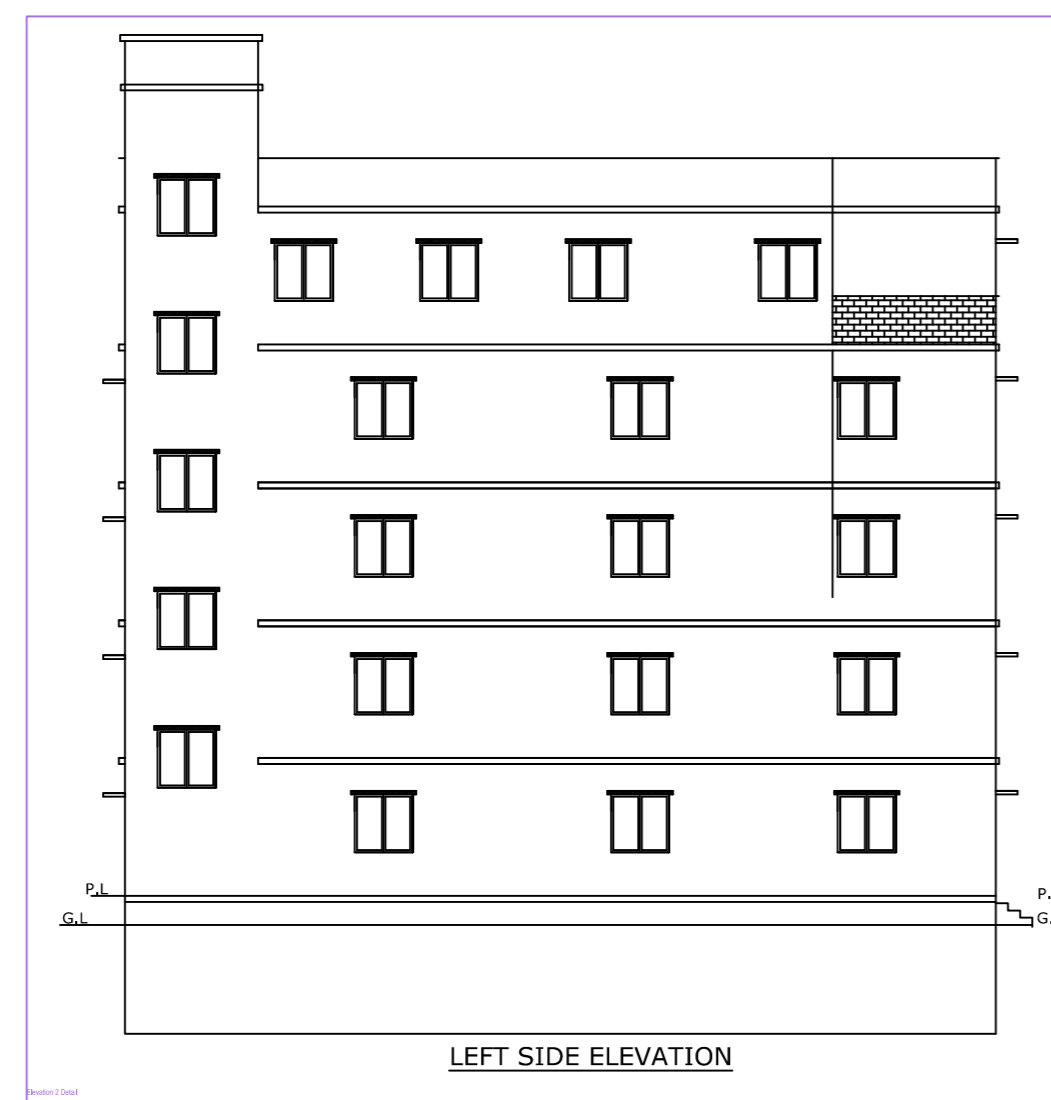
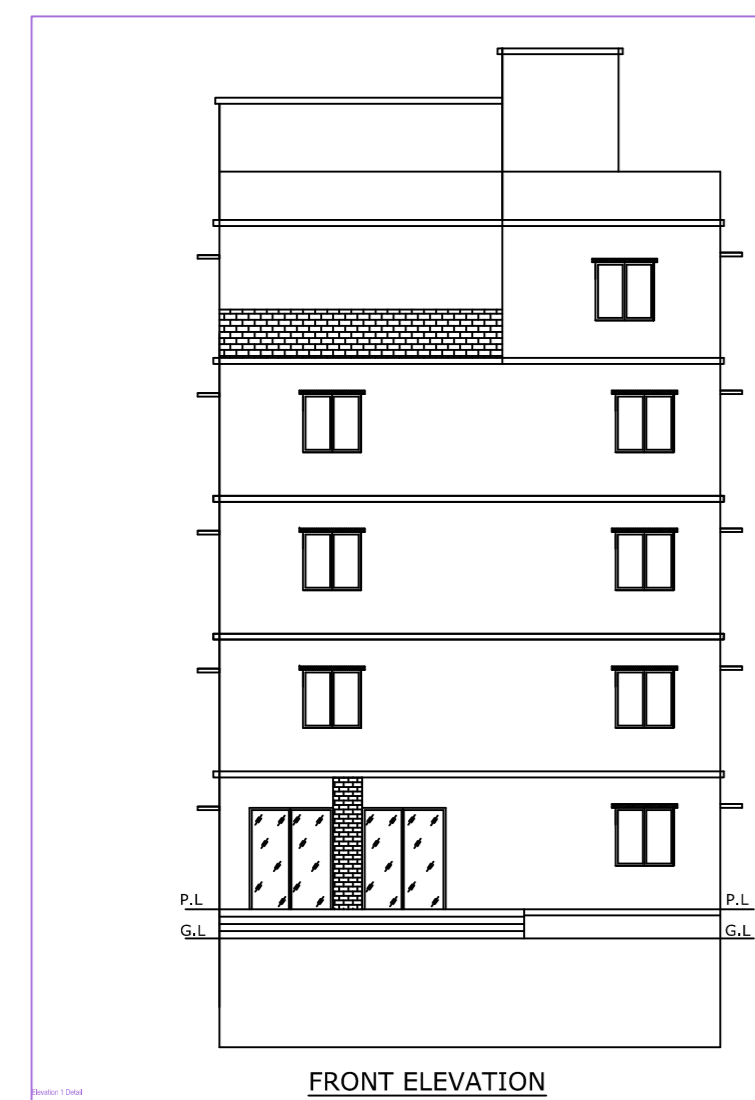


Project Title : SUNITA KUMARI



BRIEF SPECIFICATION

STRUCTURE - Earthquake Resistant R.C.C. Frame Structure.
FOUNDATION - R.C.C. (1:1.5:3) M-20 Grade Column Footing Foundation.
PLINTH (THE BEAM) - 18" R.C.C. (1:1.5:3) M-20, All Round at Basement Floor & First Level.
SUPERSTRUCTURE - First class brick work in C.M. (1:4).
SLAB, BEAM & LINTEL - All R.C.C. Frame structure (1:1.5:3) M-20 Grade Concrete.
FLOORING - Finish with Marble Vitrified Tiles over 15mm base / 25 mm thick First class L.P.S. Flooring (1:2:4).
DOOR - All door frames are of oil wood & Panels of 30mm th. Water Resistant Flush Door.
BLASTERING - 12 mm th. cement plaster (1:6) on both face of wall & 6 mm th. C.M. (1:2:4) in ceiling.
WINDOW - All Windows are of steel glazed / Aluminium frame work.
WALL FINISHING - (A) Interior wall finish with P.O.P & Primer (B) Exterior walls of building will be putty finish / weather coat / Snowcem.
SANITARY / WATER SUPPLY - All work as per IS Specification fittings of ISI Mark.
ANTI-TERMITE - Treatment in Foundation soil.
STEEL - Fe - 500 Grade TMT Bar shall be used.
CEMENT - 43 / 53 Grade cement of standard Brand.
SAND/AGGREGATE - As per IS specification.

- (A) - All above work should be done as per IS specification and items used of ISI Mark only.
- (B) - All R.C.C. Structure / Foundation should be design after proper soil Investigation.
- (C) - All work should be done in direction / supervision of experienced & Authorized Engineer.

SPACEIFICATION

FOUNDATION - R.C.C (1:1:3)
BRICK WORKIN FOUNDATION & SUPERSTRUCTURE
FIRST CLASS BRICK WORK IN CEMENT MORTAR (1:4)
FLOOR - 25mm L.P.S OVER 3" P.C.C.
LINTEL - 150 THICK R.C.C LINTEL (1:1:3)
ROOF - 125 THICK R.C.C. ROOF (1:1:3)
STAIR - RISE = 150mm, TREAD = 250mm
GLASS DOOR - G-D = 1.76X2.13, D2 = 0.76X2.13
DOOR - D = 1.06X2.13, D1 = 0.91X2.13
COLLAPSIBLE GATE - C-G = 1.22X2.13,
WINDOWS - W = 1.22X2.22,
VENT - V = 0.60X0.60

DETAILS OF AREA

AREA OF LAND	447.34 S.Q.M (As per deed)
AREA OF LAND	445.24 S.Q.M (As per site)
BASEMENT FLOOR AREA	190.74 S.Q.M
GROUND FLOOR COVERED AREA	181.49 S.Q.M
FIRST FLOOR COVERED AREA	190.68 S.Q.M
SECOND FLOOR COVERED AREA	190.68 S.Q.M
THIRD FLOOR COVERED AREA	190.68 S.Q.M
FOURTH FLOOR COVERED AREA	171.39 S.Q.M
TOTAL COVERED AREA	1115.66 S.Q.M
% OF PLINTH AREA	42.84
F.A.R.	2.03

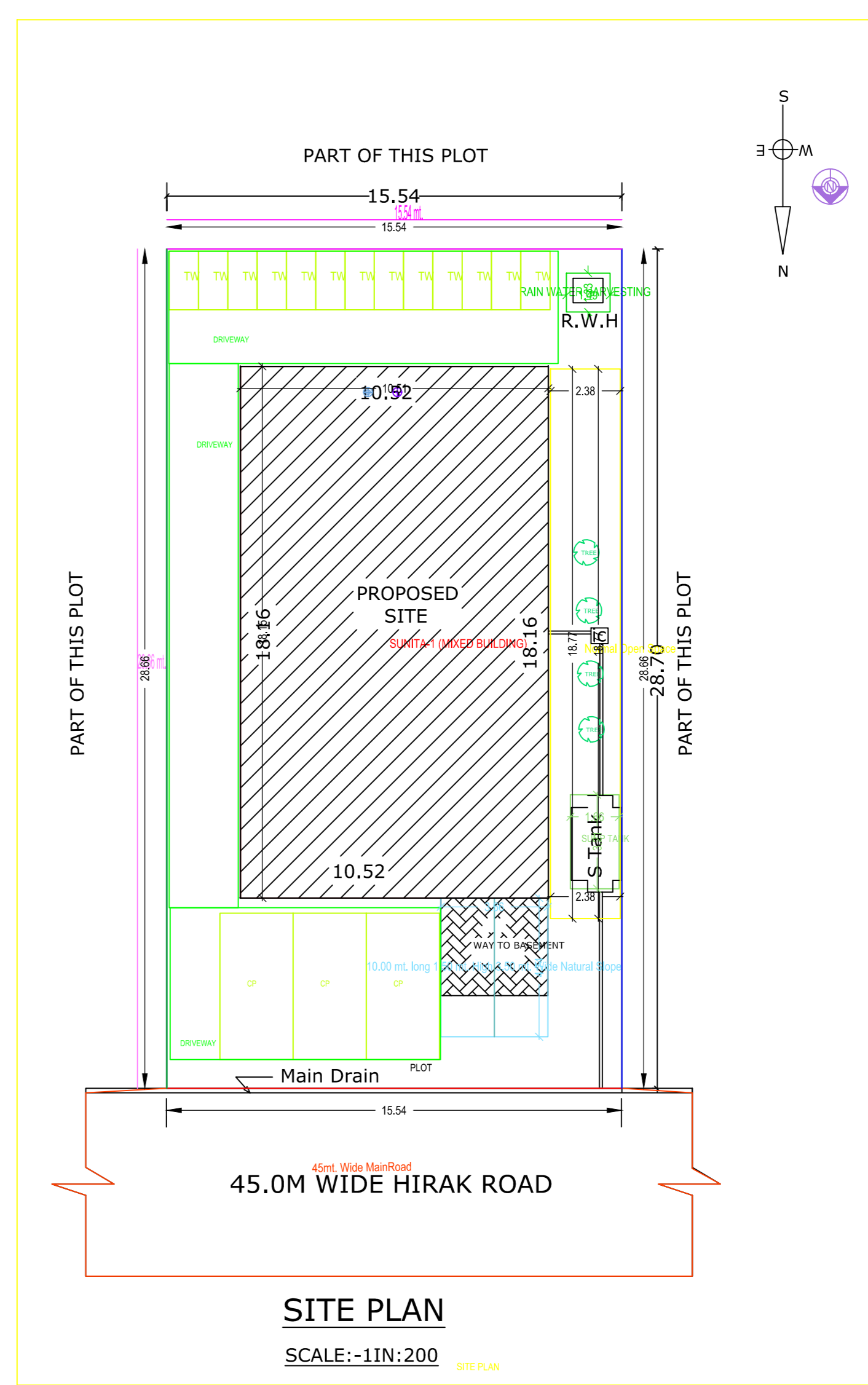
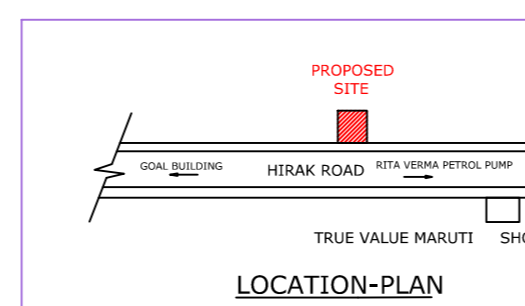
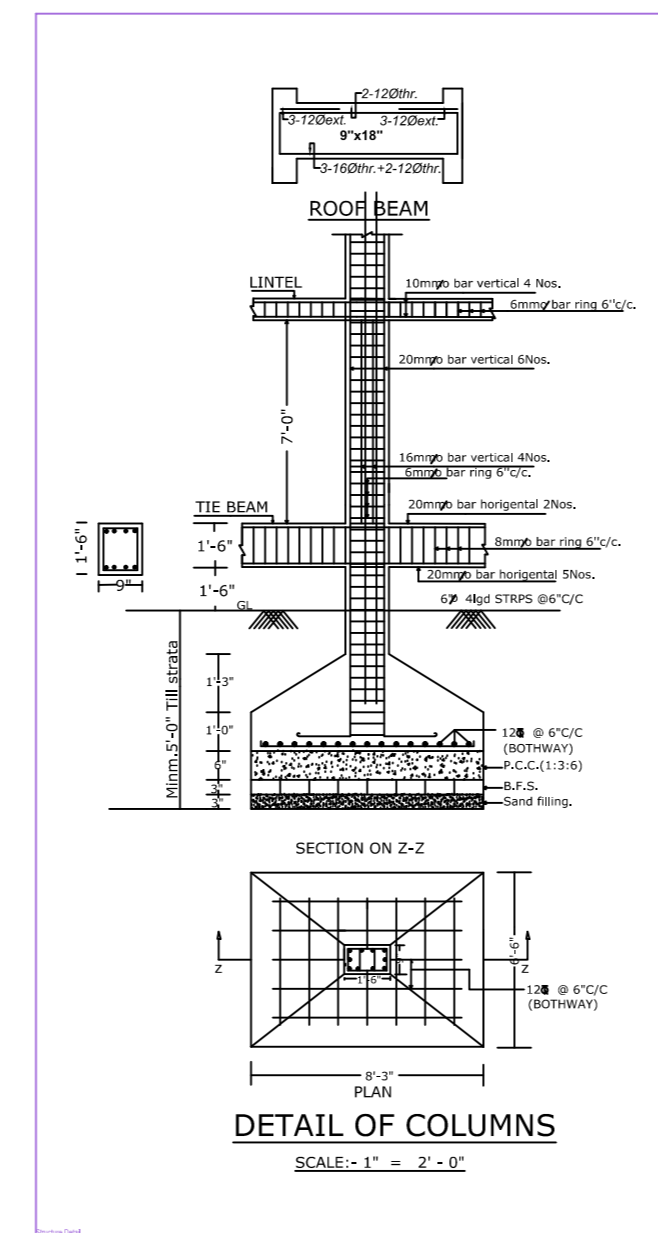
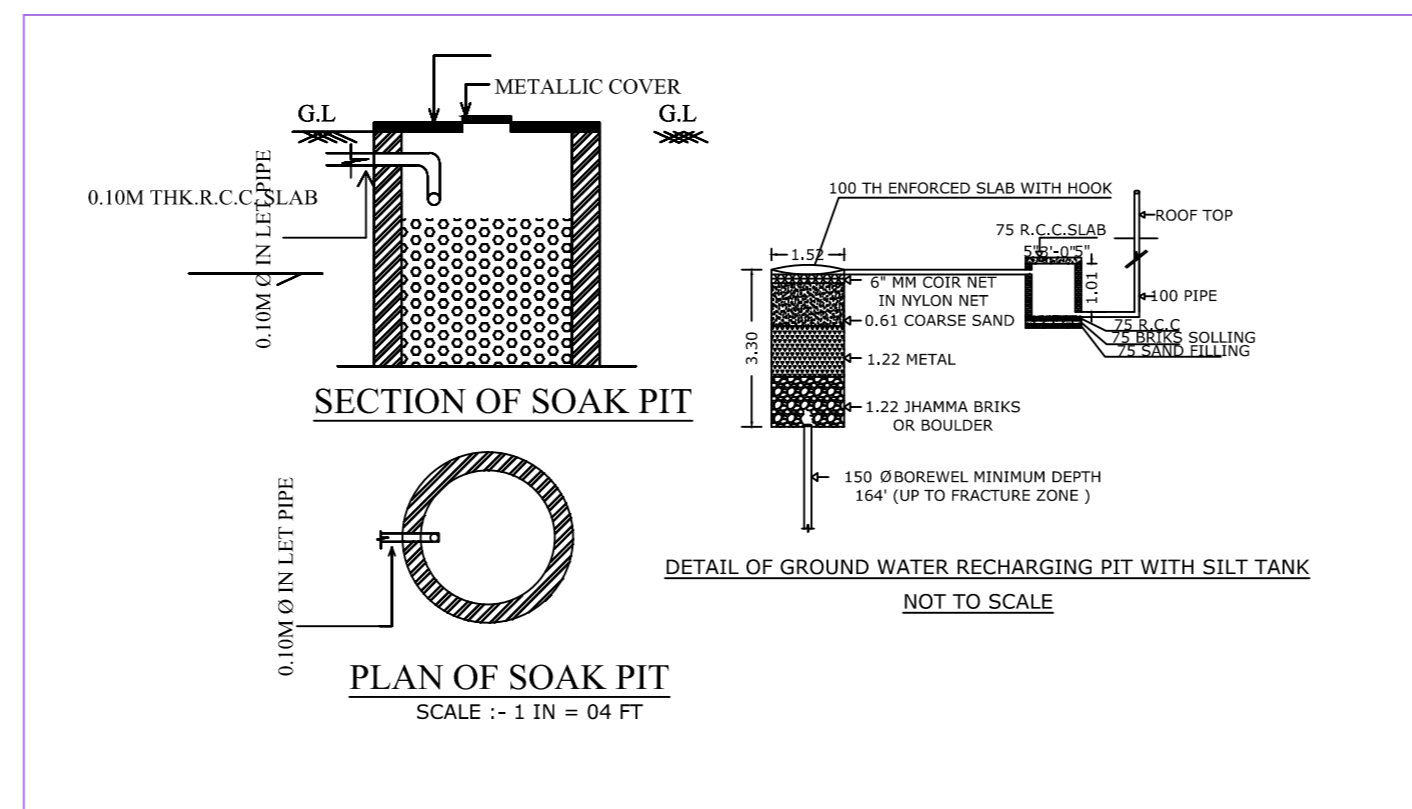
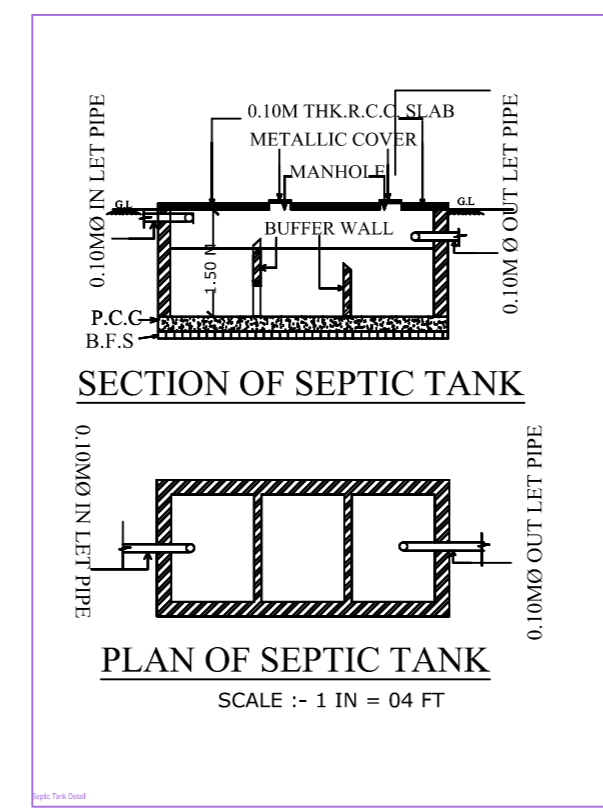
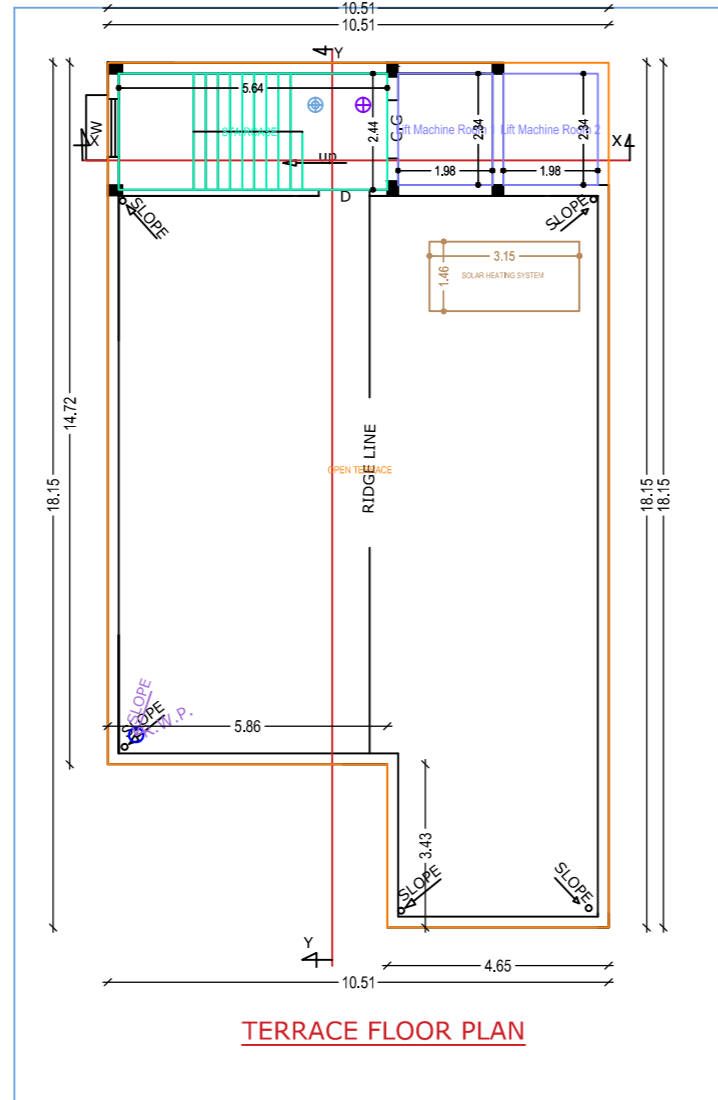
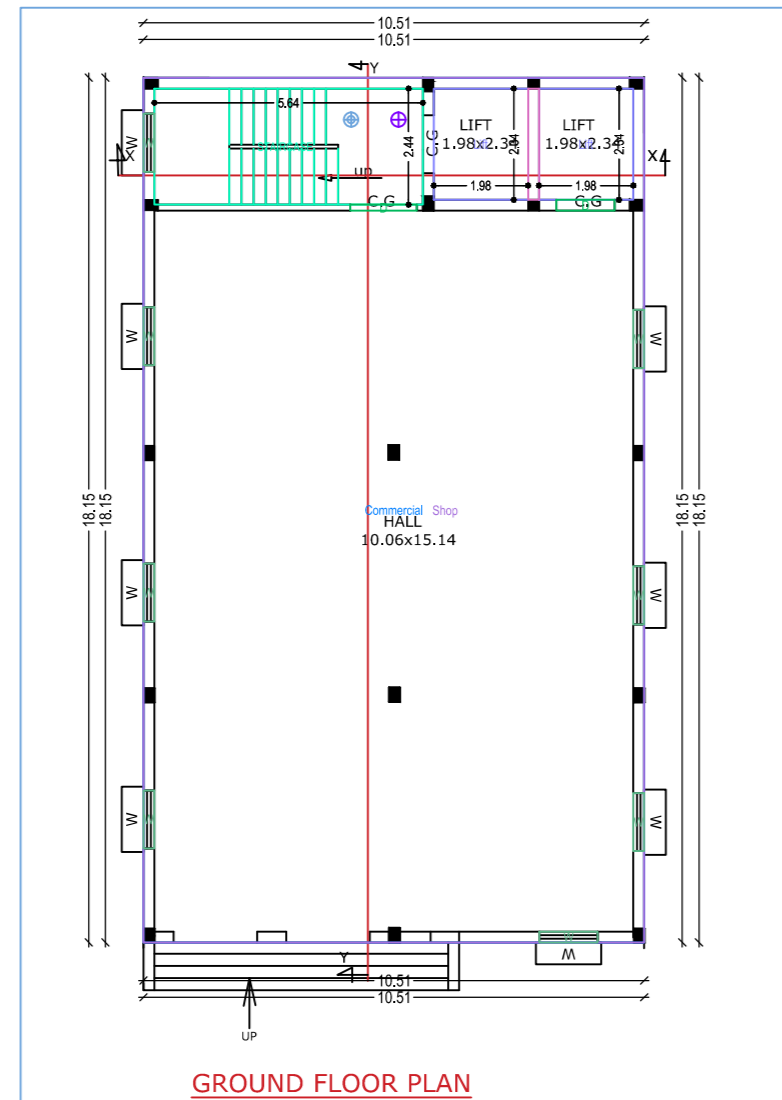
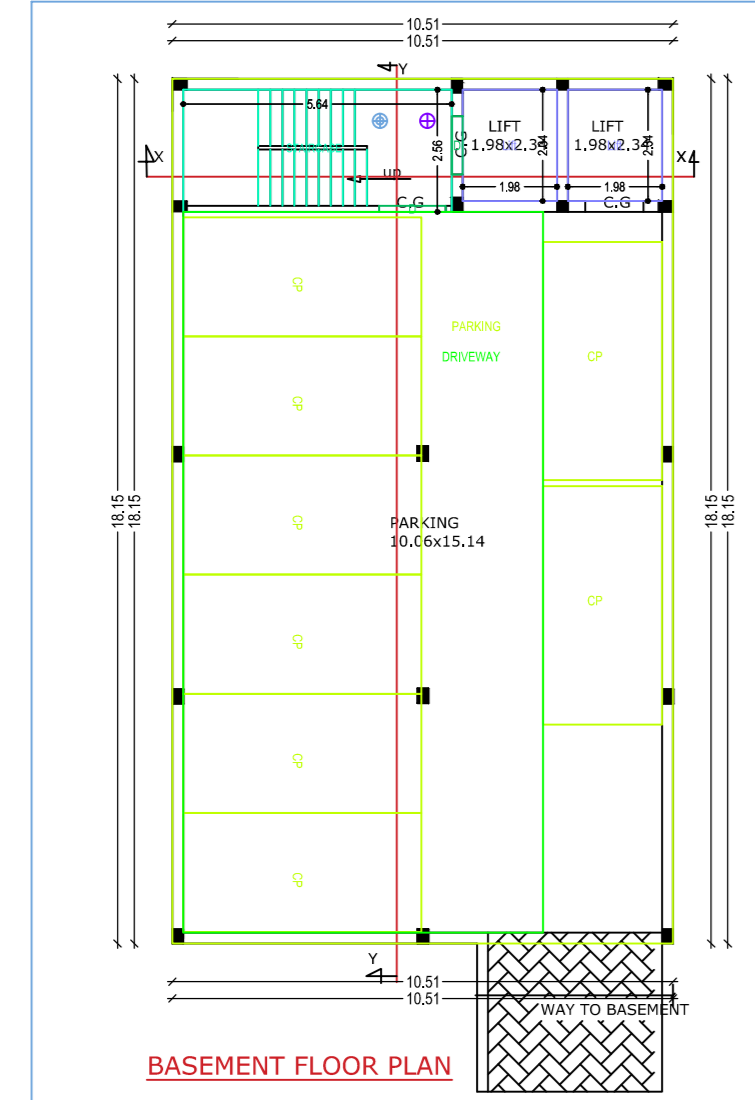
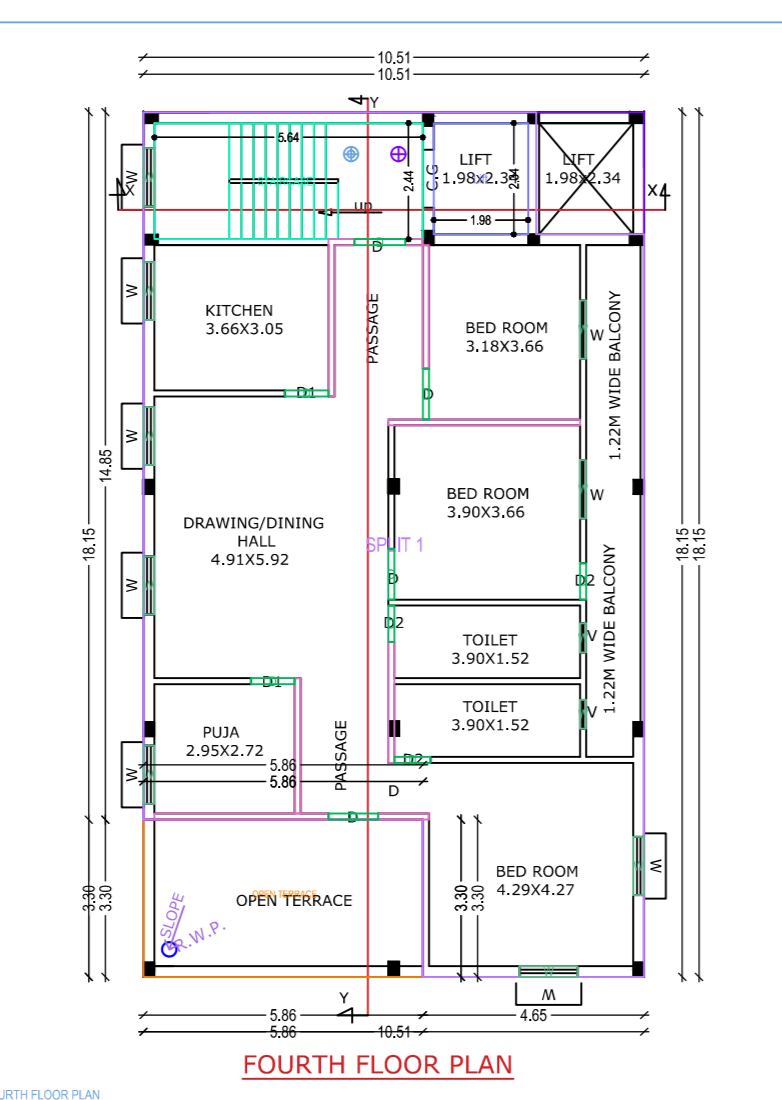
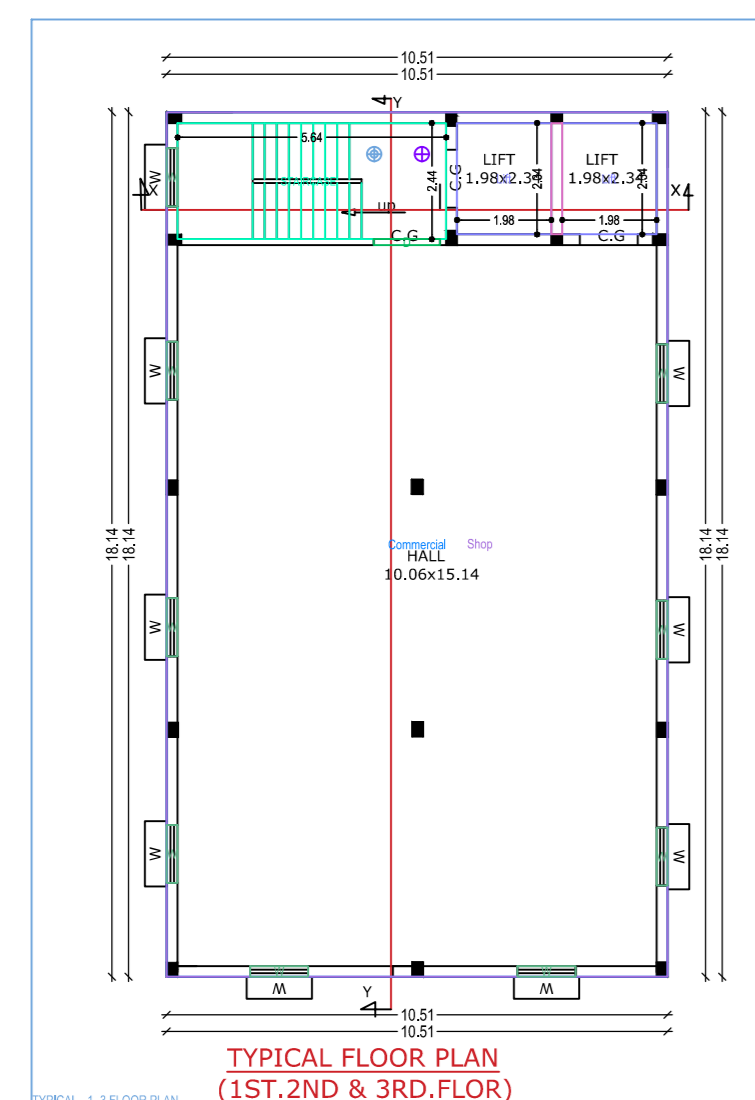
TITLE OF DRAWING

PLAN OF THE PROPOSED COMMERCIAL CUM RESIDENTIAL BUILDING OF SMT SUNITA KUMARI W/O SRI KAUSHLENDRA KUMAR ON PART OF C.S PLOT NO -1165 (Old) 890 (New) UNDER KHATA NO -73 (Old) 70 (New) IN MOUNDA BHELATANONG -89 IN THE DISTRICT OF DHANBAD.

SIGNATURE OF OWNER

SIGNATURE OF ENGINEER

SCALE :- 1:100



ITEM	DESCRIPTION	UNIT	QUANTITY	UNIT PRICE	TOTAL
1	Excavation	m ³	100	100	10000
2	Concrete	m ³	500	100	50000
3	Brickwork	m ²	1000	100	100000
4	Plaster	m ²	2000	50	100000
5	Roofing	m ²	1000	100	100000
6	Painting	m ²	2000	50	100000
7	Sanitary	nos	10	1000	10000
8	Water supply	nos	10	1000	10000
9	Electrical	nos	10	1000	10000
10	Contingency	%	10	100000	10000
11	Professional fee	%	10	1000000	100000
12	Unforeseen	%	10	1000000	100000
13	Grand Total				1000000

COLOR INDEX

Red	Green	Blue
Yellow	Purple	Black

PARKING CALCULATION

Category	No. of Cars	Area (sq.m)
Car	10	100
Auto	5	50
Motorcycle	2	20
Total	17	170

MARGIN DETAIL

Item	Area (sq.m)	Front	Side	Back
Plot	445.24	4.50	4.50	4.50

BASEMENT MARGIN DETAIL

Item	Area (sq.m)	Front	Side	Back
Plot	190.74	4.50	4.50	4.50

PAR & Tolerant Details (Table 60)

Category	No. of Cars	Area (sq.m)	Front	Side	Back
Car	1	11.54	4.50	4.50	4.50
Auto	1	11.54	4.50	4.50	4.50
Motorcycle	1	11.54	4.50	4.50	4.50
Total	3	34.62	13.50	13.50	13.50

Building SUNTA (MIXED BUILDING)

Part Name	Area (sq.m)	Volume (m ³)	Weight (kN)	Seismic Weight (kN)	Seismic Coefficient	Seismic Force (kN)	Seismic Moment (kN-m)
Basement	190.74	1907.4	19074	19074	0.08	1525.92	15259.2
Ground Floor	181.49	1814.9	18149	18149	0.08	1451.92	14519.2
First Floor	190.68	1906.8	19068	19068	0.08	1525.44	15254.4
Second Floor	190.68	1906.8	19068	19068	0.08	1525.44	15254.4
Third Floor	190.68	1906.8	19068	19068	0.08	1525.44	15254.4
Fourth Floor	171.39	1713.9	17139	17139	0.08	1371.12	13711.2
Total	1115.66	11156.6	111566	111566	0.08	9087.28	90872.8

SCHEDULE OF JOINERY

Part Name	Area (sq.m)	Volume (m ³)	Weight (kN)
Basement	190.74	1907.4	19074
Ground Floor	181.49	1814.9	18149
First Floor	190.68	1906.8	19068
Second Floor	190.68	1906.8	19068
Third Floor	190.68	1906.8	19068
Fourth Floor	171.39	1713.9	17139

UHDA Table for Building SUNTA (MIXED BUILDING)

Part Name	Area (sq.m)	Volume (m ³)	Weight (kN)	Seismic Weight (kN)	Seismic Coefficient	Seismic Force (kN)	Seismic Moment (kN-m)
Basement	190.74	1907.4	19074	19074	0.08	1525.92	15259.2
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Third Floor	190.68	1906.8	19068	19068	0.08	1525.44	15254.4
Fourth Floor	171.39	1713.9	17139	17139	0.08	1371.12	13711.2