

BIM PORTFOLIO



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technical skills



bim technical skills

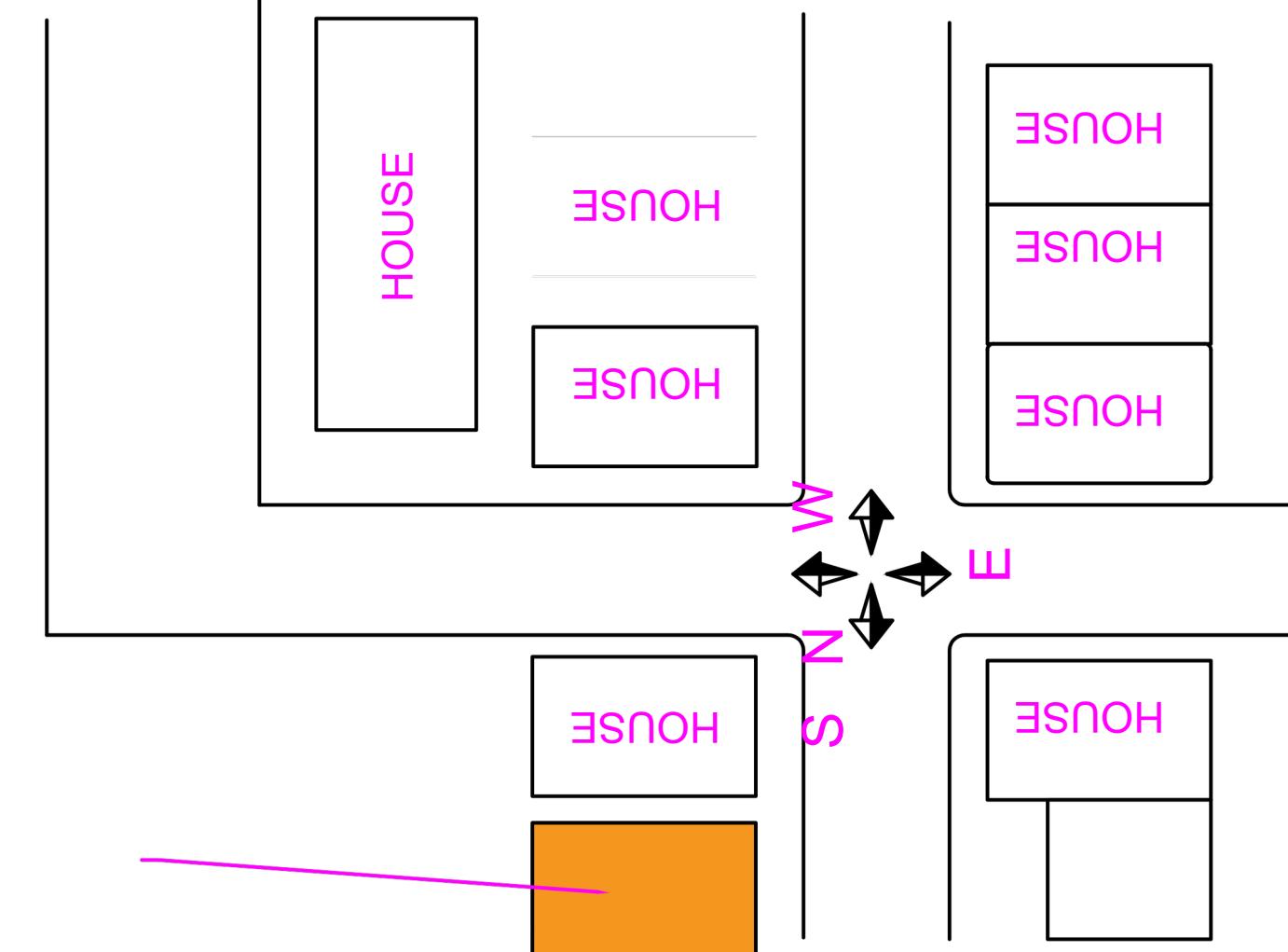
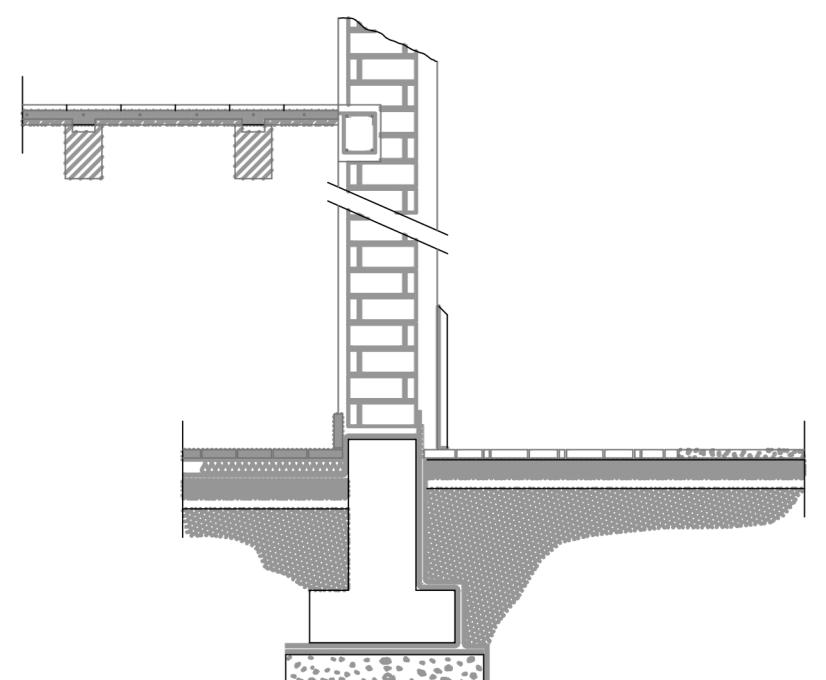
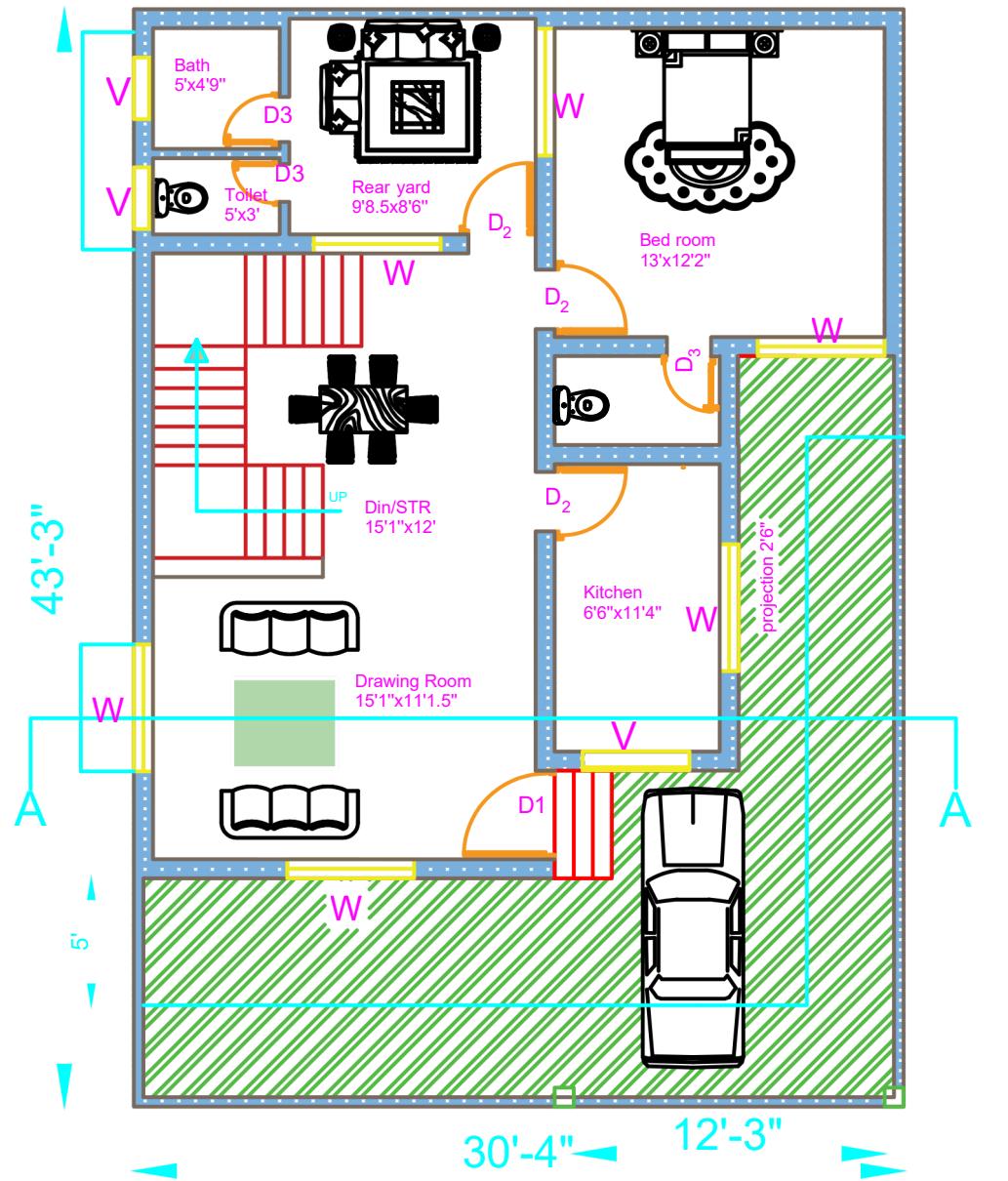
- Planning, Designing & Detailing of Residential, Commercial & Educational structures, Preparation of 3d Models.
- BIM Modelling for specific design disciplines.
- Hands-on experience in using BIM software's such as Revit, and AutoCAD.
- Ensure Construction document accuracy based on Architecture BIM Modelling.
- Collaborate and Coordinate with disciplines design-changes and model challenges.
- Acquired knowledge of BIM Execution Plan (BEP), COBie and BIM project workflow criteria.
- Understanding concepts like LOD, and Dimensions of BIM, Parameters, CAD to BIM, Scan to BIM & BIM 360.
- Acquired knowledge of Work Sharing, and how to create Central & Local files.
- Creation of Revit families (Parametric & Non-Parametric).
- Realistic Renderings and walkthroughs of Architectural Models on Escape.

SOFT SKILLS

- Good Planning, designing & Visualization Skills.
- Keen to learn new technology.
- Quick learner, Curious to learn new things.
- Problem-solving ability.
- Hardworking, Honest, Self-motivated, Discipline.
- Good Verbal Communication skills (English, Hindi, Telugu).
- Ability to cope with failures and try to learn from them

1BHK Design

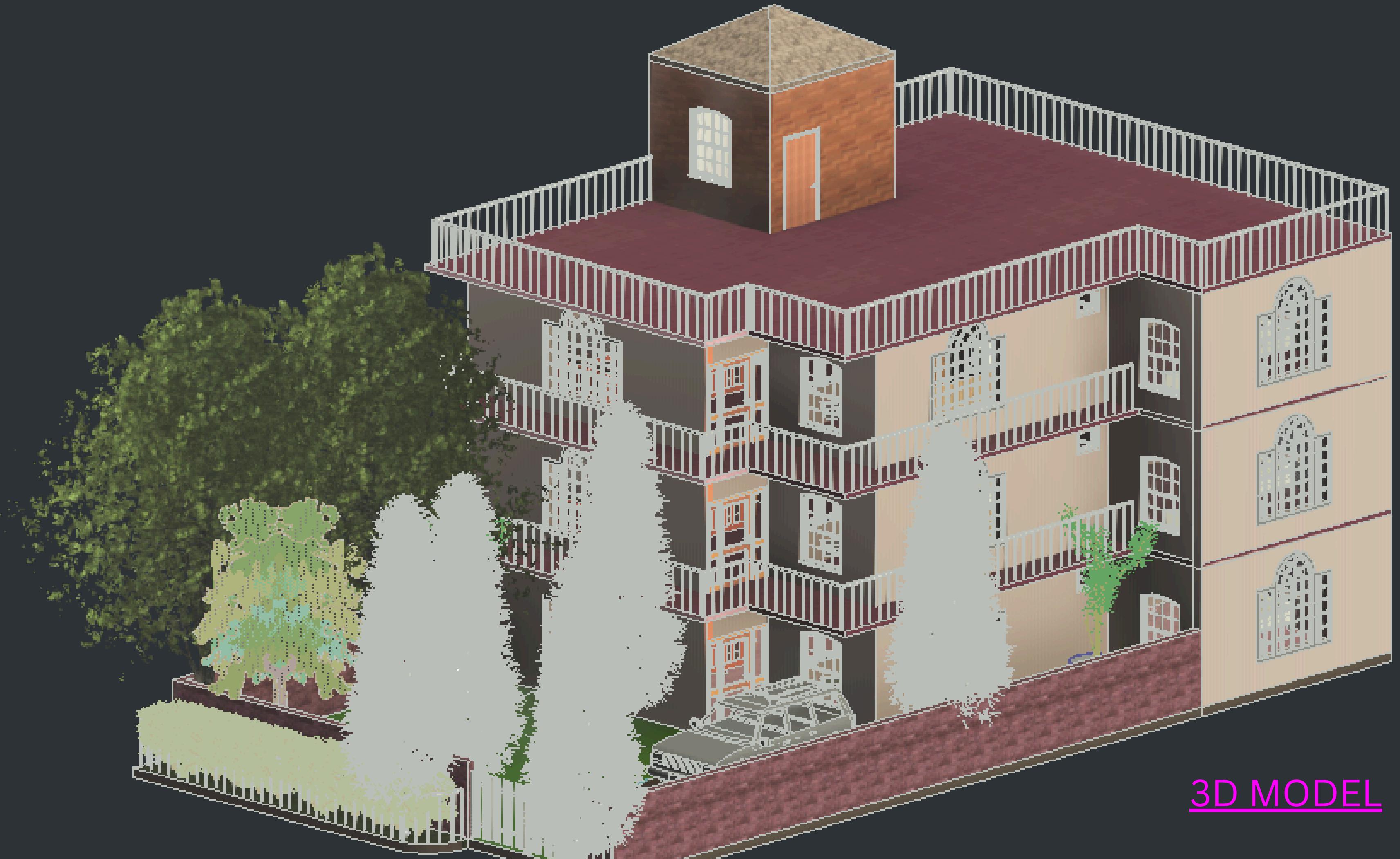
- Software Workflow: Use AutoCAD for 2D drafting and Revit for 3D BIM coordination, ensuring all project units are set to Architectural (Feet/Inches) for precise on-site execution.
- RERA & Area Math: Utilize Excel to calculate the Net Carpet Area (inner wall-to-wall) as per RERA mandates, strictly excluding balconies and external wall thicknesses from the final saleable area.
- Legal Compliance: Design the unit to satisfy Building Bye-laws, maintaining a minimum ceiling height of 9 feet and providing window ventilation equal to at least 10% of the floor area.
- Vastu Strategy: Position the Kitchen in the South-East and the Master Bedroom in the South-West, ensuring the main entrance is located in the North or East to align with traditional energy zones.



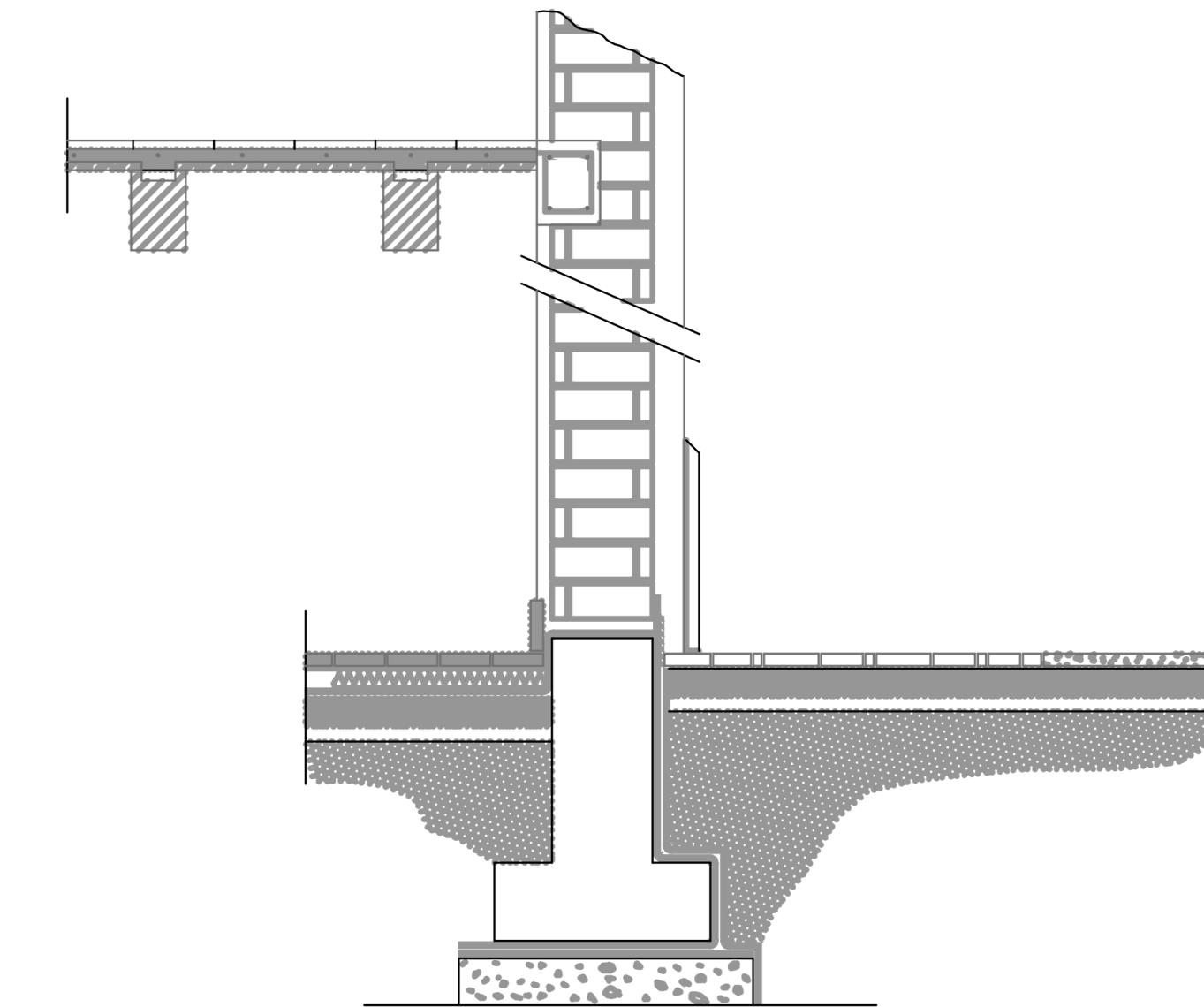
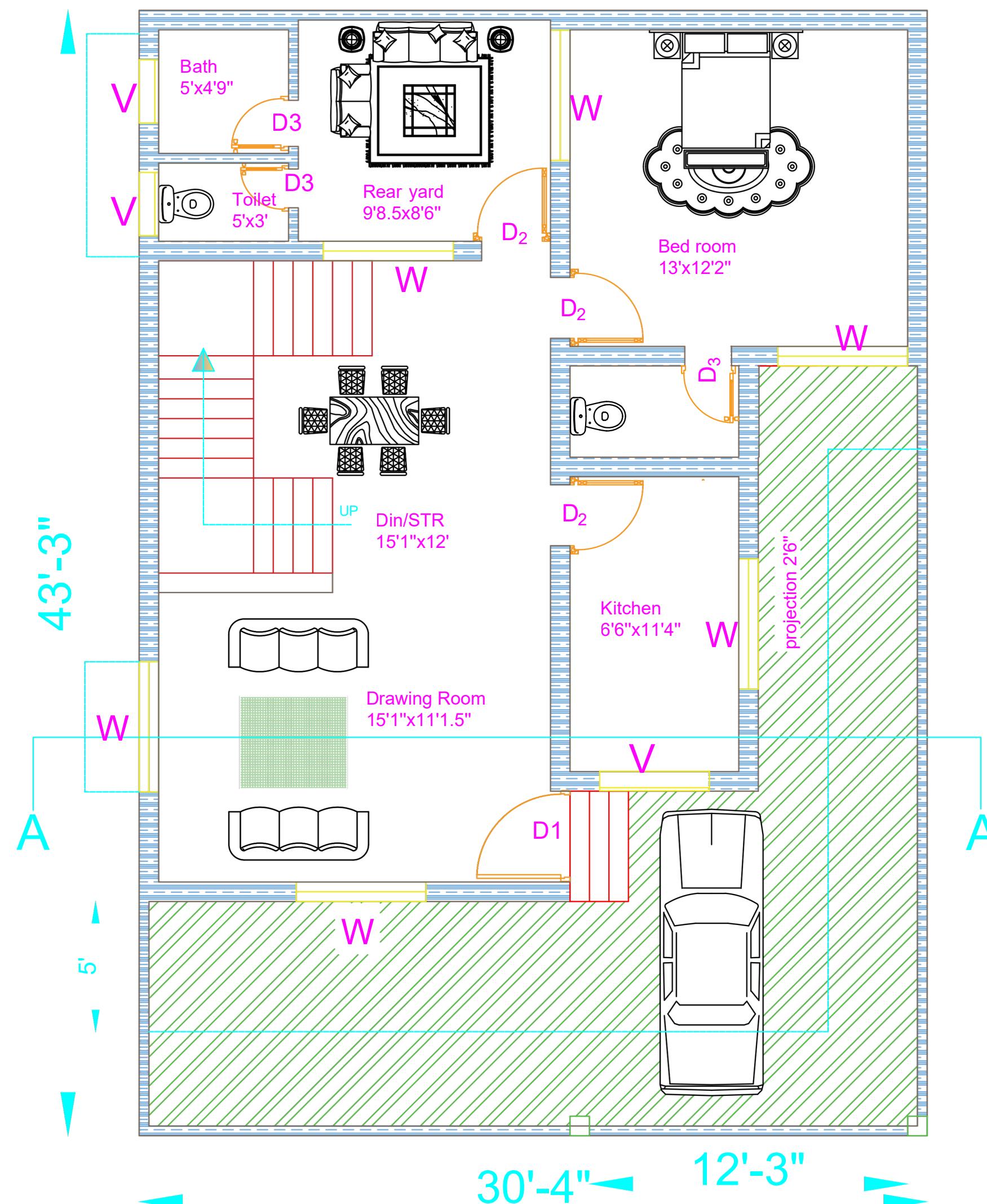
Schedule of Door and Window

Name	ID	Size
Door	D ₁	3'5"X9"
Door	D	3'X9"
Door	D ₂	2'6"X9"
Window	W ₃	5'X9"
Vent	V	4'3"x9"

2D Drafting

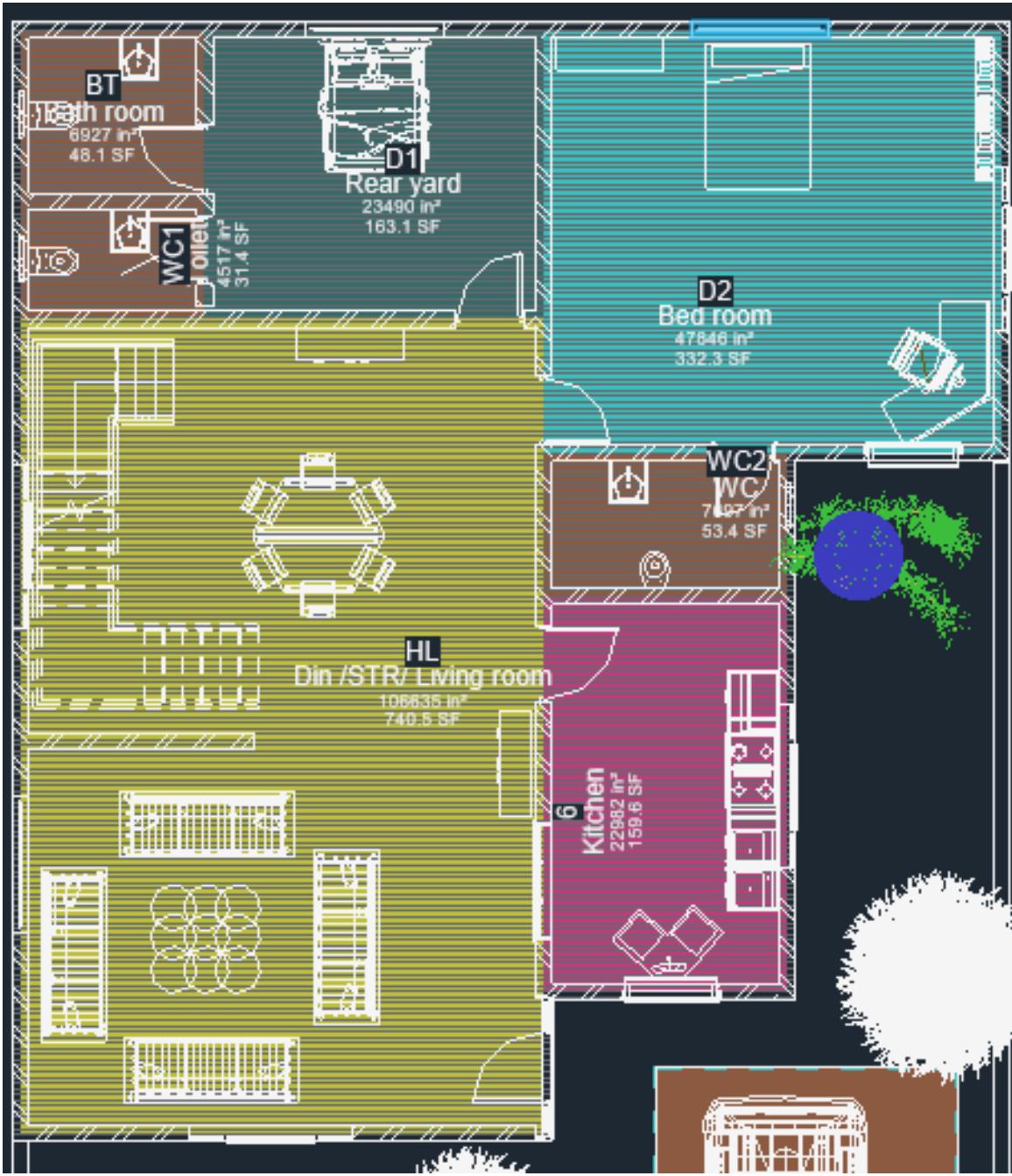


3D MODEL



2D Top View

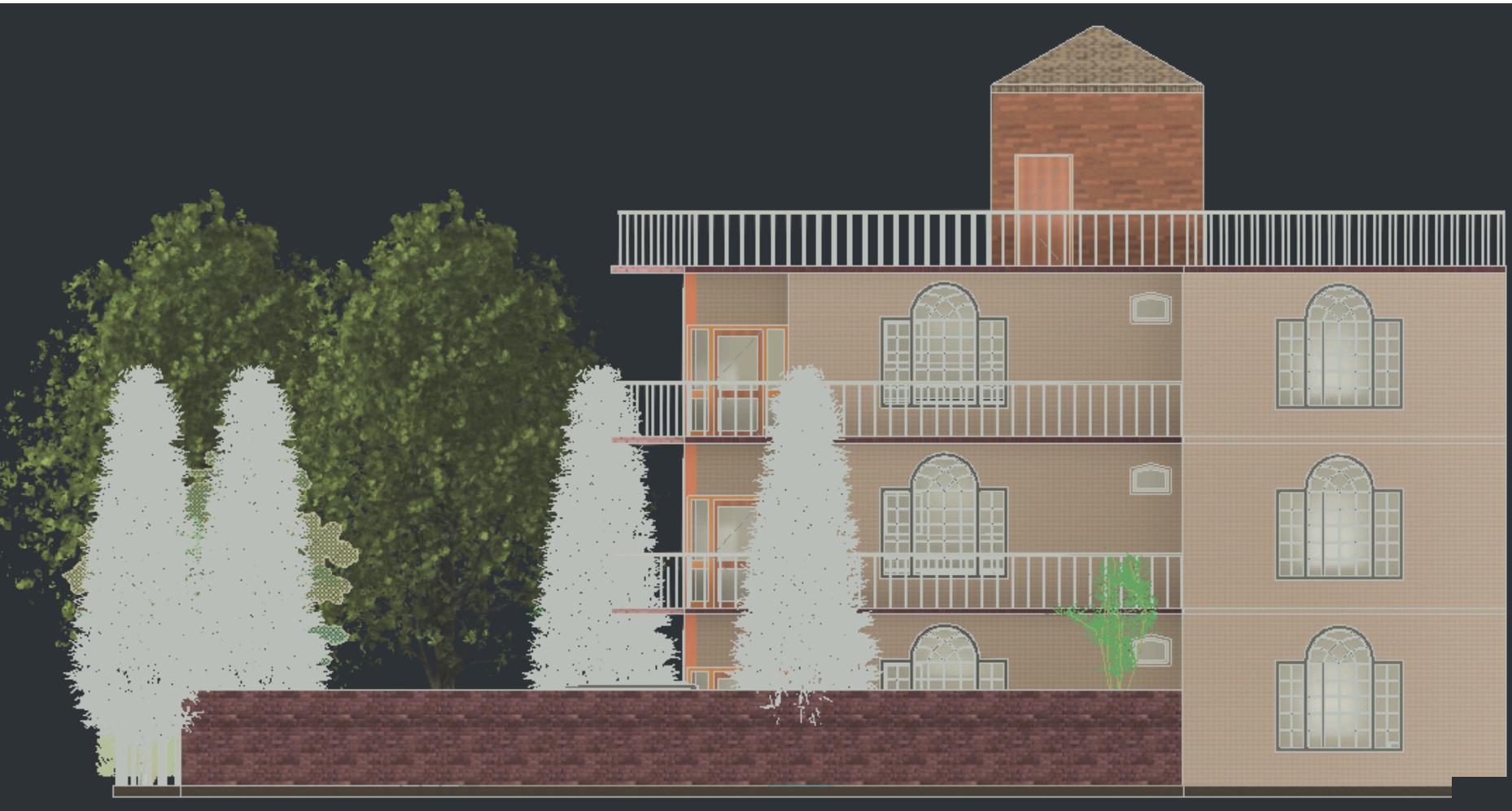
2D Foundation
Units in Feet



Top View with Colours

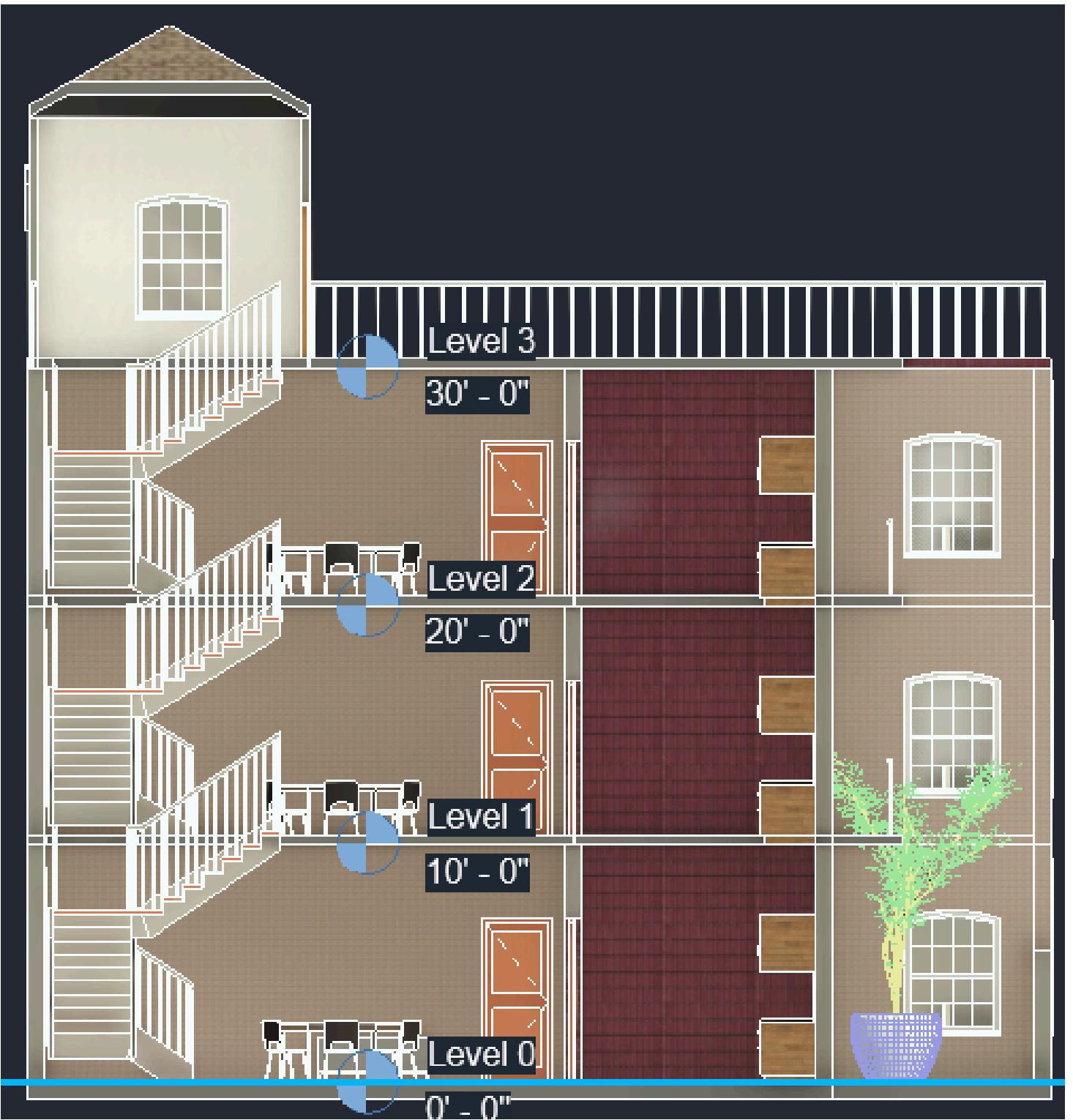
By Room Name Legend

- █ Bath room
- █ Bed room
- █ Din /STR/ Living room
- █ Kitchen
- █ parking
- █ Rear yard
- █ Room
- █ Toilet
- █ WC



Side Views

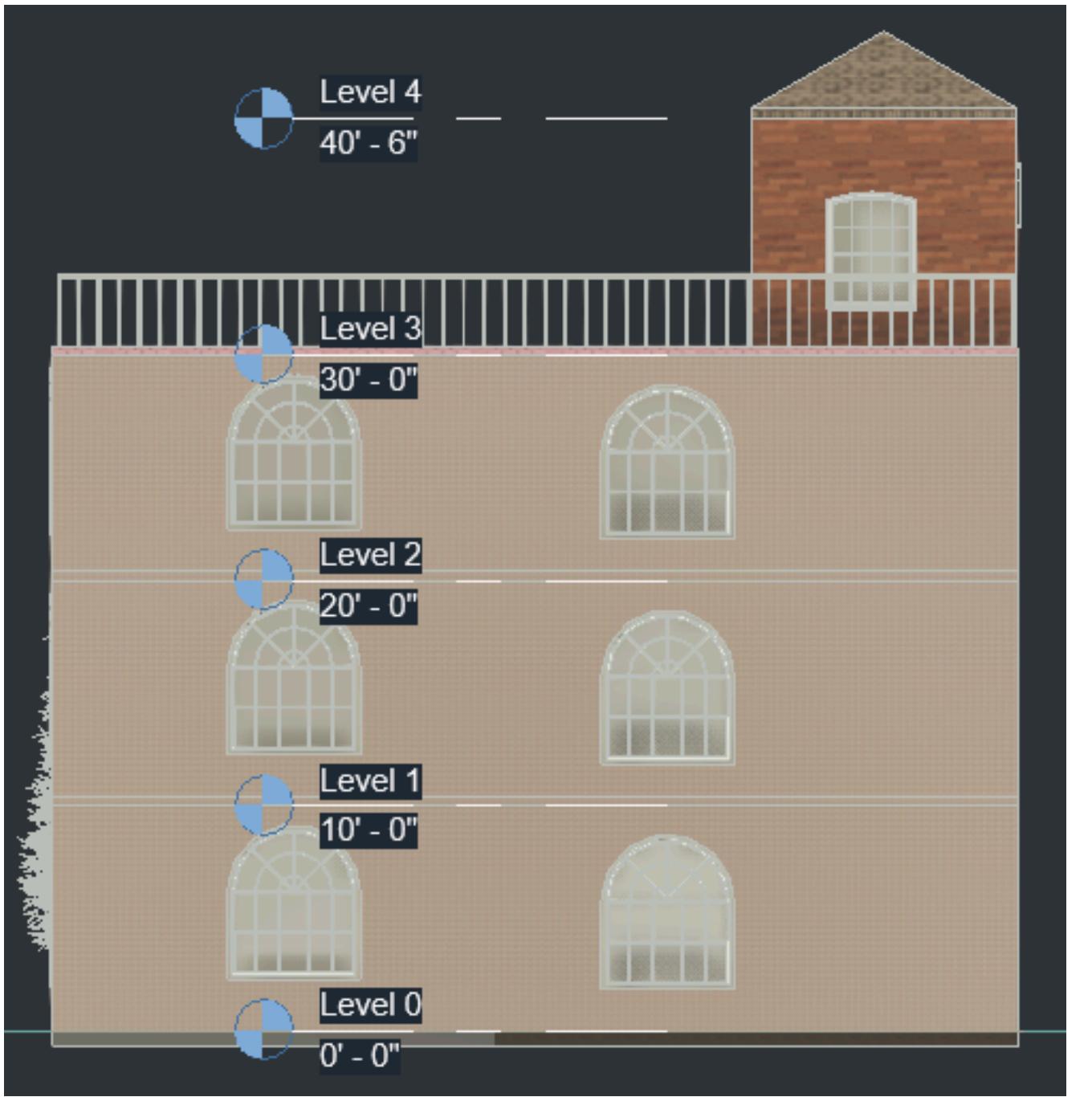




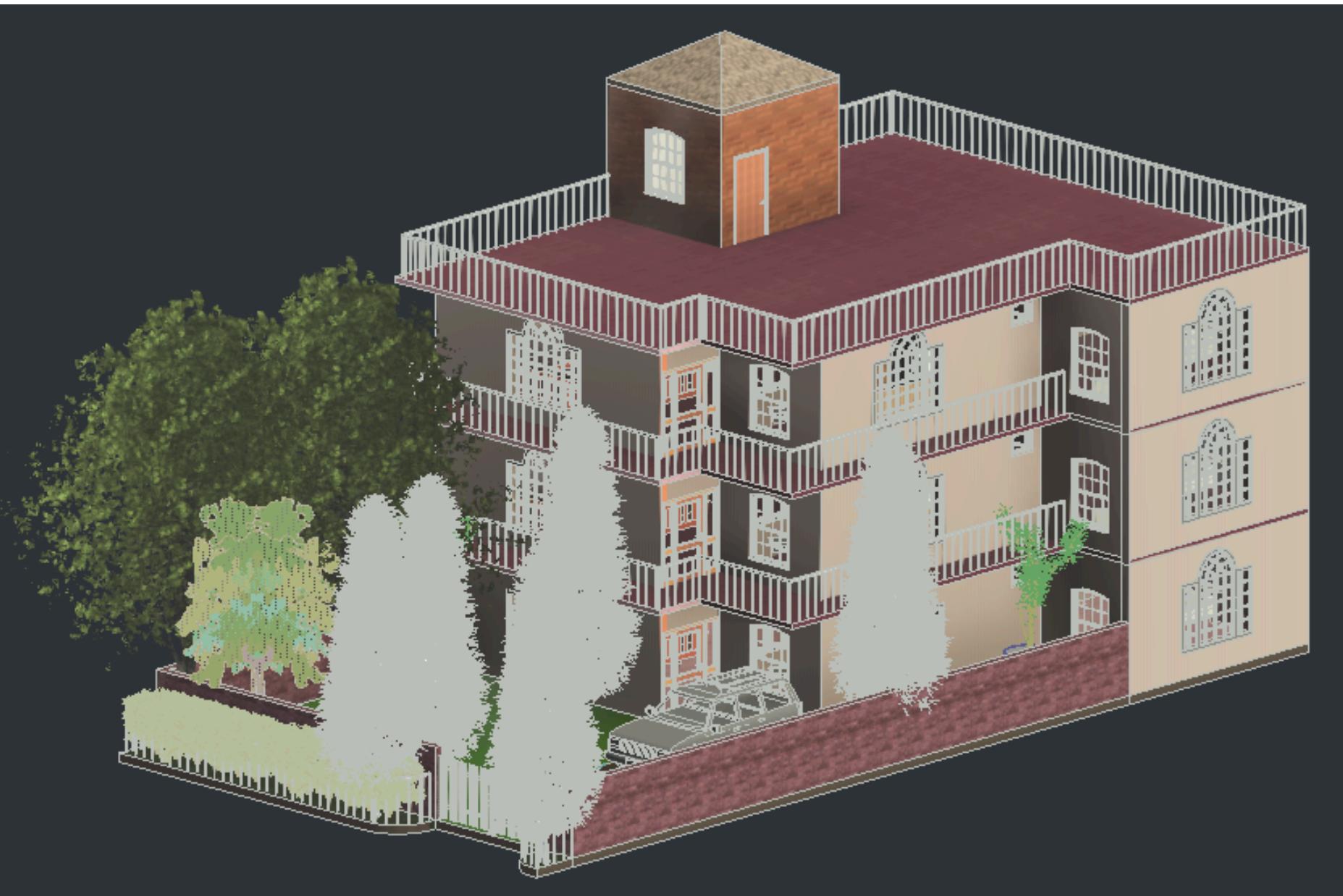
cutting of staircase View



Front View



Back View



3D View

Schedule of Door and Window

Name	ID	Size
Door	D1	3'5"X9"
Door	D	3'X9"
Door	D2	2'6"X9"
Window	W3	5'X9"
Vent	V	4'3"x9"

Basic Parametrises of dimensions

Area	Volume	Width	no of brike	cement	sand	cost of sand	cost of brikes	cost of cement
12202 in ²	1.68 m ³	0' - 6"	842.4273	2.08922	13.14187	657.093257	8424.27253	835.687835
14398 in ²	2.00 m ³	0' - 6"	998.5807	2.47648	15.57786	778.892922	9985.806688	990.592023
21792 in ²	3.02 m ³	0' - 6"	1511.412	3.748301	23.57802	1178.90112	15114.11693	1499.320399
26636 in ²	3.63 m ³	0' - 6"	1812.795	4.495731	28.2796	1413.980023	18127.94901	1798.292542
2386 in ²	0.33 m ³	0' - 6"	165.4498	0.410316	2.581018	129.050879	1654.49845	164.126246
13920 in ²	1.93 m ³	0' - 6"	965.4174	2.394235	15.06051	753.025591	9654.17424	957.694085
21595 in ²	3.00 m ³	0' - 6"	1497.748	3.714416	23.36488	1168.243805	14977.48468	1485.76648
50135 in ²	6.95 m ³	0' - 6"	3477.171	8.623384	54.24387	2712.193249	34771.70832	3449.353465
62050 in ²	8.61 m ³	0' - 6"	4303.488	10.67265	67.13442	3356.720749	43034.88139	4269.060234
10793 in ²	1.50 m ³	0' - 6"	748.5198	1.856329	11.67691	583.84542	7485.197695	742.531611
10367 in ²	1.44 m ³	0' - 6"	719.0154	1.783158	11.21664	560.831977	7190.153555	713.263233
28456 in ²	3.95 m ³	0' - 6"	1973.537	4.894371	30.78717	1539.358532	19735.3658	1957.748287
36207 in ²	5.02 m ³	0' - 6"	2511.094	6.227513	39.17307	1958.653435	25110.94148	2491.005394
14104 in ²	1.96 m ³	0' - 6"	978.1962	2.425926	15.25986	762.993008	9781.96164	970.370595
27193 in ²	3.77 m ³	0' - 6"	1885.975	4.677217	29.4212	1471.060162	18859.74566	1870.88677
12202 in ²	1.68 m ³	0' - 6"	842.4273	2.08922	13.14187	657.093257	8424.27253	835.687835
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21595 in ²	3.00 m ³	0' - 6"	1497.748	3.714416	23.36488	1168.243805	14977.48468	1485.76648
14368 in ²	1.11 m ³	0' - 6"	556.181	1.379329	8.676424	433.821202	5561.810283	551.73158
16398 in ²	1.27 m ³	0' - 6"	634.7448	1.574167	9.902018	495.100909	6347.447555	629.666797
14368 in ²	1.11 m ³	0' - 6"	556.181	1.379329	8.676424	433.821179	5561.809992	551.731551
14841 in ²	1.15 m ³	0' - 6"	574.481	1.424713	8.961903	448.095166	5744.809824	569.885135

Area	Volume	Width	no of brike	cement	sand	cost of sand	cost of brikes	cost of cement
23145 in ²	3.21 m ³	0' - 6"	1605.201	3.9809	25.04114	1252.057151	16052.01475	1592.359863
46615 in ²	6.47 m ³	0' - 6"	3232.999	8.017838	50.43479	2521.739256	32329.99046	3207.135054
50135 in ²	6.95 m ³	0' - 6"	3477.171	8.623384	54.24387	2712.193249	34771.70832	3449.353465
56729 in ²	7.87 m ³	0' - 6"	3934.499	9.757558	61.37819	3068.909487	39344.99342	3903.023347
10793 in ²	1.50 m ³	0' - 6"	748.5198	1.856329	11.67691	583.84542	7485.197695	742.531611
10367 in ²	1.44 m ³	0' - 6"	719.0154	1.783158	11.21664	560.831977	7190.153555	713.263233
28456 in ²	3.95 m ³	0' - 6"	1973.537	4.894371	30.78717	1539.358532	19735.3658	1957.748287
36207 in ²	5.02 m ³	0' - 6"	2511.094	6.227513	39.17307	1958.653435	25110.94148	2491.005394
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21595 in ²	3.00 m ³	0' - 6"	1497.748	3.714416	23.36488	1168.243805	14977.48468	1485.76648
23165 in ²	3.21 m ³	0' - 6"	1606.611	3.984395	25.06313	1253.156586	16066.11008	1593.75812
2563 in ²	0.36 m ³	0' - 6"	177.7659	0.440859	2.773148	138.65738	1777.658717	176.343745
50135 in ²	6.95 m ³	0' - 6"	3477.171	8.623384	54.24387	2712.193249	34771.70832	3449.353465
56729 in ²	7.87 m ³	0' - 6"	3934.499	9.757558	61.37819	3068.909487	39344.99342	3903.023347
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