Smart DCR User Manual

For

Building Plan Management System

for

Yamuna Expressway Industrial Development Authority

(YEIDA)

Version 1.0

Medhaj Techno Concept Pvt. Ltd.

TABLE OF CONTENTS

1.0   INTRODUCTION

The Smart DCR system has been adopted by Yamuna Expressway Industrial Development Authority, to ensure ease of Online Map Submission, Automated Building Plan Scrutiny and Approval System. This manual outlines the process to be adopted by the applicant for building approval.

2.0   PROMINENT PROCESS OF THE SOFTWARE

Automation of Online Map Submission, Automated Building Plan Scrutiny and Approval System is the main part of the Smart DCR which is used by Architects / Consultants as well as Officers.

1.   System is designed for Architects / Consultants to register and submit the drawing and get the Application Reference Number.
2.   This system is designed to allow architects / Consultants to submit the drawing and check the status of drawing online.
3.   The software will facilitate communication between Architects / Consultants via E-Mail, Architects / Consultants and Applicants can also view the status of their Files in Online.
4.   The Architects / Consultants can also get their scrutiny report online using their Application Reference Number. Smart DCR will scrutinize the submitted drawing by comparing with Building rules of YEIDA, Amendments and generates the reports. Smart DCR comprises of two components.

2.1   PRECHECK ENGINE

Checks the Geometry compliance of the Submitted drawing by verifying the color codes, layers, mandatory items, text, closed polylines, vertex verification etc. before allowing the scrutiny engine to extract the drawing data from submitted drawings.

The Pre-Check engine does not scrutinize the drawing with respect to any regulations. This engine only ensures that the file is geometrically correct and ready to be scrutinized in the next step.

When the Architect / Consultants submit the building plan proposal, this function enables the architect to identify the defects in the drawing and make it suitable to run through the Scrutiny Engine. It reads the drawing elements and lists all the discrepancies in the drawing. If errors are found in the drawing, the drawing will be populated with hyperlinks and press CTRL + Click to zoom to area of error.

Following are some of the types of errors displayed in the Pre-Check returned drawing file.

1. Multiple Polyline Geometry Problems.

2. Invalid object colour.

3. Existence of Blocks, Regions, Wipe-outs & External references in Floor layers.

4. Mandatory requirements.

5. Other critical errors.

By clicking on the above disqualified items in the software interface, details will be displayed such as disqualified object name; floor name and drawing coordinate position. It will also draw a crossed grey line on all the disqualified objects throughout the drawing.

2.2 SCRUTINY ENGINE

Once the pre-check is passed, the file automatically moves to the scrutiny engine. The Scrutiny Engine compares the rules of YEIDA and Amendments with the extracted data from the Submitted drawing and generates a Scrutiny Report listing out each rules of YEIDA and Amendments parameter.

⟩ Smart DCR scrutinizes for compliance check of building rules of YEIDA and Amendments (2D) and the output of Smart DCR excludes all Non-Drawing data.

⟩ If the drawing is not as per the standards defined in the Smart DCR, it will be returned to the Architect / Consultants with the errors written as text in the drawing itself. The drawing can be downloaded, and the errors can be corrected in the Original Drawing by the Architect / Consultants and then Re-Upload it.

⟩ All non-compliant items will be hatched or circled and will be placed on layer called NONCOMPLIANT.

⟩ A Scrutiny Report is generated for all drawings that pass PreCheck.

3.0   PROCEDURE TO CREATE A DRAWING

Once the drawing is ready, architect / Consultants has to add Smart DCR layers, colors, text based on his Building type requirement.

Refer to appendix for screenshots of sample color coding layers. Please note that these are only to view the color coding, and not to be used as a reference for any of the architectural elements.

- ▪ **Put the entire drawing in 0 layer**

- ▪ Make new layers based on the floors and color coding based on the building type requirements, refer to Section 4.0 for colors/ layers and Refer to Section 5.0 to 16.0 for text in User Manual.

- ▪ Compulsory labels – Must label all floors, must label all blocks, must provide building use.

3.1   DO'S & DON'T'S

The processing of the file and further generation of reports is dependent on the Polylines, Lines and Text placed in the drawing file.

3.1.1   DO'S

1. Bounding rectangle should be kept as a polyline containing the whole submission drawing with floor plans, site detail, key plan, foundation detail, culvert detail, rain water harvesting detail, compound wall detail etc. The lower left corner of the bounding rectangle to be kept in 0,0,0 Co-ordinates. Any drawings / objects placed outside this box will not be scrutinized.

2. **Drawing Scale should be 1:1 (Metres)**

3. Polylines shall be drawn in the form of Light Weight Polylines (lwpolylines), as 3D polylines are not supported.

4. Polyline's line thickness, Line weight, Elevation and Global width shall be set to 0.00.

5. Drawing objects shall be placed in model space only.

6. Before color coding the drawing, all the architects / Consultants layers to be locked, only Smart DCR layers are to be kept unlocked. Use **Laylockfadectl** command to reduce or increase the brightness of original drawing.

7. After completing color coding, check the drawing using **Laywalk** command to identify Whether the color coded objects are in respective layers.

8. Before File submission in online**, Unlock, Unfreeze and turn On, Purge** all unwanted Layers.

9. **All the screen shots in the manual are for representation purpose only, It is the Prime Responsibility of the Architect / Consultants to ensure that the Building Plan is prepared in Compliance to Rules.**

3.1.1.1 LAYERING SYSTEM

1. Proposed Floor layer: FLOOR01, FLOOR02, etc…. corresponding to the floor count.

2. FLOOR-STILT or FLOOR-GROUND for common Site related details.

3. For Proposed Basement floor, layer should be FLOOR-BF1, FLOOR–BF2 etc. corresponding to the Basement Floor Count.

3.1.1.2 DRAWING FILE SPECIFICATIONS

Proposal Drawing should be in **(.DWG**) Format.

1. All objects to be processed by Smart DCR should be drawn using Lines, Polylines and Text and placed in layers starting with Floor.

2. Layers and Colors should be followed as per the color code table.

3. Purge the unused layers, dimension styles etc.

4. Drawing units should be in meters.

5. **All details should be drawn in scale 1:1 (True Scale) including Site Plan.**

6. Avoid unnecessary objects in the drawing.

7. Avoid unnecessary coordinates in polylines.

8. Don't Overlap the Objects.

9. **Text Height should be greater than 0.05m.**

3.1.2 DON'T'S

1.   Outside the bounding rectangle, objects should not be kept. OLE objects should not be used.

2.   All drawing objects shall be in 2 Dimensional (Z-Coordinates – Zero) and placed without any elevation in x y plane (Top view) do not import the data from 3d CAD Software.

3.   Blocks, Regions, Wipeout and External references shall not be placed in the drawing as they will not be processed.

4.   The Colour coded items, i.e. polylines, lines and texts which are intended to be processed must be in the layers starting with FLOOR. Other layers will be ignored by the software

5.   Mtext will not be processed by the software and whatever text placed on Floor layers shall be Single Line Text only.

6.   Don't upload **password protected** cad drawing

OBJECTS TO BE DRAWN IN SITE PLAN OR FLOOR PLAN
LAYER NAME TO BE FOLLOWED - FLOOR-GROUND (OR) FLOOR-STILT (OR) FLOOR- UPPER GROUND (OR) FLOOR- UNDER GROUND (OR) FLOOR-BF (OR) FLOOR-PARKING (OR) FLOOR-PODIUM

S.No	Description	Color Code		Object Type	Layer
01	Plot Boundary	7	White	Polyline	FLOOR-GROUND (OR) FLOOR-STILT
02	Setback Boundary	10		Polyline	FLOOR-GROUND (OR) FLOOR-STILT
03	Setback (Front)	4		Line	FLOOR-GROUND (OR) FLOOR-STILT
	Setback (Rear)	3			
	Setback (Side1)	6			
	Setback (Side2)	2			
	Setback for Residential Plot				
04	Setback (Front)	154		Polyline	FLOOR-GROUND (OR) FLOOR-STILT
	Setback (Rear)	190			
	Setback (Side1)	102			
	Setback (Side2)	13			
05	Plot Frontage / Plot Width	96		Open Polyline	FLOOR-GROUND (OR) FLOOR-STILT
06	Road Width	41		Line	FLOOR-GROUND (OR) FLOOR-STILT
07	Gate Width	161		Line	FLOOR-GROUND (OR) FLOOR-STILT

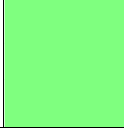| 08	Gate Height	125		Line	FLOOR-GROUND (OR) FLOOR-STILT
09	Front Boundary Wall & Barbed Fence Height	160		Line	FLOOR-GROUND (OR) FLOOR-STILT
		73			
10	Boundary Wall Upper Jali / Grill Height	23		Line	FLOOR-GROUND (OR) FLOOR-STILT
11	Side and Rear Boundary Wall Height	110		Line	FLOOR-GROUND (OR) FLOOR-STILT
12	Soft Landscape & Trees	60		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
		93			
		82			
13	Open Area Parking (Surface Parking)	20		Polyline	FLOOR-GROUND (OR) FLOOR-STILT
14	Street Parking for School	183		Polyline	FLOOR-GROUND (OR) FLOOR-STILT
15	Guard Room	181		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
16	Porta Cabin	181		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
17	Servant Quarters	181		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
18	Meter Room	181		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
19	Canopy	4		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
20	Watchman Shelter	4		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
21	Watch Tower	4		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
22	Guard Toilet	4		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
23	Visitor Toilet	4		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
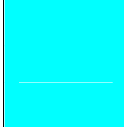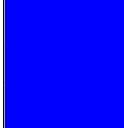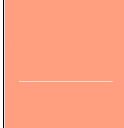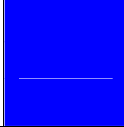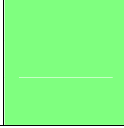
24	Driver Toilet	4		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
25	Water Closet [Residential]	181		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
26	Bathroom [Residential j	181		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
27	Water Closet [Commercial]	6		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
28	Bathroom [Commercial]	6		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
29	Water Closet [Institutional]	33		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
30	Bathroom [Institutional]	33		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
31	Water Closet [Industrial]	134		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
32	Bathroom [Industrial]	134		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
33	Open Transformer	112		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
34	Under Ground Water Tank	112		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
35	Ambulance Stall	124		Polyline	FLOOR-GROUND (OR) FLOOR-STILT
36	Bus Parking Stall	220		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
37	Plinth Step	27		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
38	Plinth Ramp	107		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
39	Ramp Length	180		Open Polyline	FLOOR-GROUND (OR) FLOOR-STILT

40	Total Height Of the Building	151		Line	FLOOR-GROUND (OR) FLOOR-STILT
41	Plinth Height	105		Line	FLOOR-GROUND (OR) FLOOR-STILT
42	Block Distinguishers	50		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
43	Typical Block Distinguishers	50		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
44	Bounding Section	141		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
45	Bounding Elevation	141		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
46	Key Plan Boundary & Key Plan Site	70		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
		193			
47	Outermost Plotting Boundary	61		Polyline	FLOOR-GROUND (OR) FLOOR-STILT
48	Buttresses	55		Polyline	FLOOR-GROUND (OR) FLOOR-STILT
49	Rain Water Harvesting Trench	42		Polyline	FLOOR-GROUND (OR) FLOOR-STILT
50	Sewerage and Drainage Lines	123		Polyline	FLOOR-GROUND (OR) FLOOR-STILT
51	Water Supply Lines	126		Polyline	FLOOR-GROUND (OR) FLOOR-STILT
52	Group Housing Shop	181		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
53	Group Housing Kiosk	181		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
54	Open Drain	112		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
55	Covered Pipe Drain	112		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT

56	Covered Drain	112		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
57	Stilt Floor Boundary	5		Polyline	FLOOR-STILT
58	Stilt Floor Height at the Bottom of the Beam	21		Line	FLOOR-STILT
59	Stilt Floor Height	91		Line	FLOOR-STILT
60	Basement Boundary	32		Polyline	FLOOR-BF1 (OR) FLOOR-BF2……….
61	Basement Floor Height at the Bottom of the Beam	21		Line	FLOOR-BF1 (OR) FLOOR-BF2……….
62	Basement Floor Height	91		Line	FLOOR-BF1 (OR) FLOOR-BF2……….
63	Basement Height Above Top Level	105		Line	FLOOR-BF1 (OR) FLOOR-BF2………
64	Basement Parking	5		Polyline	FLOOR-BF1 (OR) FLOOR-BF2……
65	Basement Storage	4		Polyline & Text	FLOOR-BF1 (OR) FLOOR-BF2……
66	Basement Service	4		Polyline & Text	FLOOR-BF1 (OR) FLOOR-BF2……
67	Basement Electric Generator	4		Polyline & Text	FLOOR-BF1 (OR) FLOOR-BF2……
68	Basement Air Condition	4		Polyline & Text	FLOOR-BF1 (OR) FLOOR-BF2……

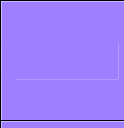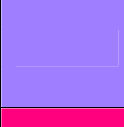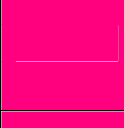| S.No	Primary Land Use	Color Code		Object Type	Layer
69	Basement Fire Hydrant	4		Polyline & Text	FLOOR-BF1 (OR) FLOOR-BF2……
70	Podium Floor Boundary	5		Polyline	FLOOR-PODIUM
71	Podium Floor Height at Bottom of the Beam	21		Line	FLOOR-PODIUM
72	Podium Floor Height	91		Line	FLOOR-PODIUM
73	Parking Floor Boundary	5		Polyline	FLOOR-PARKING
74	Parking Floor Height at Bottom of the Beam	21		Line	FLOOR-PARKING
75	Parking Floor Height	91		Line	FLOOR-PARKING

OBJECTS TO BE DRAWN IN FLOOR PLANS

LAYER NAME TO BE FOLLOWED – FLOORO1, FLOOR02 and FLOOR03…..

(APPLICABLE FLOOR LAYERS)

(Do not give layer name as Applicable Floor Layer Ex:- FLOORO1, FLOOR02………..)

S.No	Primary Land Use	Color Code		Object Type	Layer
01	Residential Group Housing	181		Polyline	APPLICABLE FLOOR LAYER
02	Residential FAR	181		Polyline	APPLICABLE FLOOR LAYER
03	Dwelling Unit	230		Polyline & Text	APPLICABLE FLOOR LAYER
04	Duplex Dwelling Unit	230		Polyline & Text	APPLICABLE FLOOR LAYER

05	Commercial FAR	6		Polyline & Text	APPLICABLE FLOOR LAYER
06	Hotel	6	150	Polyline & Text	APPLICABLE FLOOR LAYER
07	Cinema	6	106	Polyline & Text	APPLICABLE FLOOR LAYER
08	Multiplex	6	106	Polyline & Text	APPLICABLE FLOOR LAYER
09	Cineplex	6	106	Polyline & Text	APPLICABLE FLOOR LAYER
10	Auditorium - Commercial	6	106	Polyline & Text	APPLICABLE FLOOR LAYER
11	Industrial Far [Factory]	134		Polyline & Text	APPLICABLE FLOOR LAYER
12	Industrial Far [Flatted Factory]	134		Polyline & Text	APPLICABLE FLOOR LAYER
13	Institutional FAR	33		Polyline & Text	APPLICABLE FLOOR LAYER
14	Lodge	33	150	Polyline & Text	APPLICABLE FLOOR LAYER
15	Guest House	33	150	Polyline & Text	APPLICABLE FLOOR LAYER
16	Hostel	33	150	Polyline & Text	APPLICABLE FLOOR LAYER
17	Auditorium - Institutional	33	106	Polyline & Text	APPLICABLE FLOOR LAYER

18	Multi-Level Parking	197		Polyline & Text	APPLICABLE FLOOR LAYER
19	Vehicular Ramp	107		Polyline & Text	APPLICABLE FLOOR LAYER
20	Atrium and all other Deductions	3		Polyline & Text	APPLICABLE FLOOR LAYER
21	Inner Courtyard	40		Polyline	APPLICABLE FLOOR LAYER
22	15% Prescribed FAR	4		Polyline & Text	APPLICABLE FLOOR LAYER
23	Lift	22		Polyline	APPLICABLE FLOOR LAYER
24	Stair	115		Polyline & Text	APPLICABLE FLOOR LAYER
25	Fire Stair	115		Polyline & Text	APPLICABLE FLOOR LAYER
26	Duct	11		Polyline & Text	APPLICABLE FLOOR LAYER
27	Shaft	11		Polyline & Text	APPLICABLE FLOOR LAYER
28	Pergola	63		Polyline & Text	APPLICABLE FLOOR LAYER
29	Fire Corridor	243		Polyline & Text	APPLICABLE FLOOR LAYER
30	Loft	120		Polyline & Text	APPLICABLE FLOOR LAYER

31	Loft Height	136		Line	APPLICABLE FLOOR LAYER
32	Mechanized Parking	213		Polyline & Text	APPLICABLE FLOOR LAYER
33	Mechanized Parking Level Height	236		Line	APPLICABLE FLOOR LAYER
34	Cantilever Balcony	35		Polyline	APPLICABLE FLOOR LAYER
35	Cupboard	163		Polyline	APPLICABLE FLOOR LAYER
36	Bay Window	162		Polyline	APPLICABLE FLOOR LAYER
37	Chajja Projection	85		Polyline	APPLICABLE FLOOR LAYER
38	Cantilever Projection	219		Polyline	APPLICABLE FLOOR LAYER
39	Decorative Column Projection	113		Polyline	APPLICABLE FLOOR LAYER
40	Moulding Cornice	71		Polyline	APPLICABLE FLOOR LAYER
41	Jali Projection	14		Polyline	APPLICABLE FLOOR LAYER
42	Planting Device	99		Polyline	APPLICABLE FLOOR LAYER
43	Floor Height	91		Line	APPLICABLE FLOOR LAYER
44	Car Parking Stall	140		Polyline	APPLICABLE FLOOR LAYER

45	Scooter Parking Stall	101		Polyline	APPLICABLE FLOOR LAYER
46	Cycle Parking Stall	215		Polyline	APPLICABLE FLOOR LAYER
47	Typical Floor Text – Type 1	7		Text	APPLICABLE FLOOR LAYER
48	Typical Floor Text – Type 2	7		Text	APPLICABLE FLOOR LAYER

OBJECTS TO BE DRAWN IN FLOOR PLANS

LAYER NAME TO BE FOLLOWED – FLOOR-SERVICE OR FLOOR-MFGROUNDTO01 OR FLOOR-TERRACE

01	Mezzanine Floor Residential	181		Polyline	FLOOR-MFGROUNDTO01
02	Mezzanine Floor Commercial	6		Polyline	FLOOR-MFGROUNDTO01
03	Mezzanine Floor Institutional	33		Polyline	FLOOR-MFGROUNDTO01
04	Mezzanine Floor Industrial	134		Polyline	FLOOR-MFGROUNDTO01
05	Mezzanine Floor Height for all Land Use.	91		Line	FLOOR-MFGROUNDTO01
06	Service Floor	4		Polyline & Text	FLOOR-SFGROUNDTO01
07	Service Floor Height	91		Line	FLOOR-SFGROUNDTO01
08	Under Ground Parking Boundary	111			FLOOR- UNDER GROUND
09	Mumty	4		Polyline & Text	FLOOR-TERRACE
10	Lift Machine Room	4		Polyline & Text	FLOOR-TERRACE
11	Rain Water Pipe Cover	83		Polyline	FLOOR-TERRACE
12	Inner Court Yard Roof Level Height	47		Line	FLOOR-TERRACE

5.0   15 % PRESCRIBED FAR OBJECTS & TEXT TO BE DRAWIN IN COLOR 4

Canopy	Air Conditioning Plant	Electrical Installation	Generator Room
Water Work	Water Tank	Watchman Shelter	Security Shelter
Watch Tower	Lobby	Visitor Toilet	Driver Toilet
Guard Toilet	Mumty	Lift Machine Room	Electric Sub Station
Community Hall	Religious Building	Milk Booth	Vegetable Booth
School	Creche	Walkway	Refuge Area
Pathways	Water Treatment Plant	Sewage treatment plant	
Garbage Collection Centre			

6.0   FREE FROM FAR OBJECTS & TEXT TO BE DRAWN IN COLOR 112

Open Transformer	Rockery	Well	Water Pool
Swimming Pool	Platform	Tank	Fountain
Bench	Chabutra	Culvert	Overhead Tank
Open Generator	Filtration Plant	Electrical Distribution	Feeder Pillar
Telephone Distribution	Service Utility	Open Shaft	Open Drain
Covered Pipe Drain	Covered Drain	Under Ground Water Tank	

7.0   NON FAR OBJECTS & TEXT TO BE DRAWN IN COLOR 4

Storage (Basement Floor)	Electric Generator (Basement Floor)	Air Conditioner (Basement Floor)	Fire Hydrant (Basement Floor)
Service (Basement Floor & Service Floor)			

8.0   RESIDENTIAL COMMON FACILITY FAR OBJECTS & TEXT TO BE DRAWN IN COLOR 181

Guard Room	Porta Cabin	Servant Quarters	Water Closet
Bathroom	Meter Room		

9.0   PERMISSIBLE BUILDING USE TEXT FOR INDUSTRIAL BUILDING - COLOR 134

Factory	Flatted Factory	Gas Godown	Water Closet
Bathroom	Meter Room		

10.0   PERMISSIBLE BUILDING USE TEXT FOR COMMERCIAL BUILDING - COLOR 6

Convenient Shopping Centre	Sector Shopping	Shopping Centre	Commercial Centre
Hotel	Bank	Cinema	Multiplex
Cineplex	Warehouse	Godown	Auditorium
Water Closet	Bathroom	Meter Room	

11.0 PERMISSIBLE BUILDING USE TEXT FOR INSTITUTIONA BUILDING - COLOR 33

Engineering College	Management College	Degree College	Research and Training Centre
Film Institute	Audio	Video Studio	University
Vocational Institute	Higher Secondary School	Nursery School	Creche
Primary School	Religious Building	Dispensary	Health Care
Social Assistance Services	Clinic	Clinical Lab	Naturopathy Centre
Hospital	Nursing Home	Specialized Health Centre	Trauma Centre
Government Office	Semi-Government Office	Corporate Office	Museum
Art Gallery	Exhibition Centre	Art Centre	Information Technology
Information Technology Enabled Services	Biotech Park	Community Centre	Club Building
Barat Ghar	Gym	Spa	Health Club
Fire Station	Police Station	Post Office	Library
Dharamshala	Lodge	Guest House	Hostel
Dharam Kanta	Petrol Pump	Gas Godown	Old Age Home
Orphanage	Reformatory	Convention Centre	Conference Hall
Socio Cultural	Social Welfare Centre	Other Utility	Auditorium
Water Closet	Bathroom	Meter Room	

12.0   DEDUCTIONS TO BE DRAWN IN COLOR 3

Open To Sky	OTS	**OTS.**	Void
Double Height	Atrium	Cut Out	

13.0   TYPICAL FLOOR TEXT TO BE PROVIDED IN COLOR 7

Typical floor text must be written as per following,

a)   In the Text Objects for Typical Floors are followed as

i)   Format: "**FLOOR01, FLOOR02, FLOOR03……FLOORnth- Typical"**

b)   In the Text Objects for Typical Blocks are followed as

i)   Format: "**BLOCK01, BLOCK02, BLOCK03…… BLOCKnth- Typical"**

14.0   ANNEXURE - PARAMETERS SNAPSHOTS

14.1 OBJECTS TO BE DRAWN IN FLOOR-GROUND (OR) FLOOR-STILT (OR) FLOOR- UPPER GROUND (OR)
FLOOR- UNDER GROUND (OR) FLOOR-BF……...
(OR)
FLOOR-PODIUM (OR) FLOOR-PARKING

S.No	Description	Layer
01	Plot Boundary shall be drawn as Polyline in Color No. 7.	FLOOR-GROUND or FLOOR-STILT

PLOT BOUNDARY

Rear Setback

Side 1 Setback

Side 2 Setback

Building

Front Setback

Plot Boundary

Polyline	
	Color
7	Number
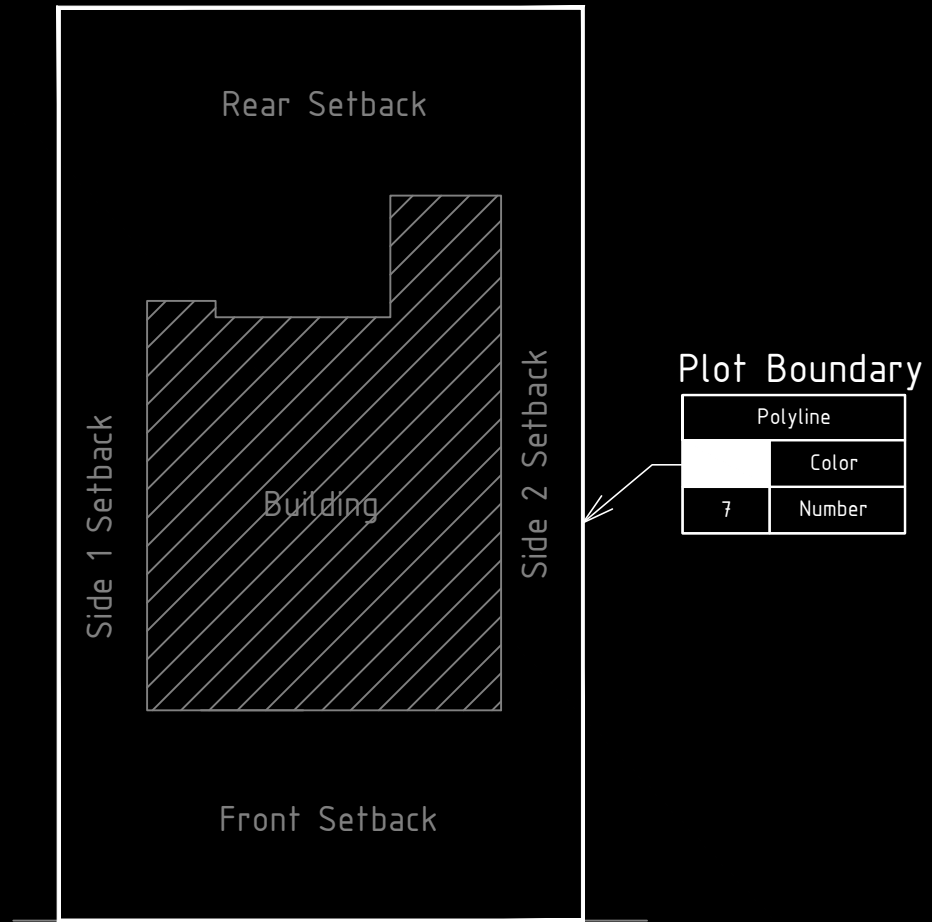
SITE PLAN

S.No	Description	Layer
02	Setback Boundary (Building Foot Print) shall be drawn as Polyline in Color No. 10.	FLOOR-GROUND or FLOOR-STILT

SETBACK BOUNDARY

Rear Setback

Setback Boundary

Polyline	
	Color
10	Number

Side 1 Setback

Building

Side 2 Setback

Front Setback

SITE PLAN

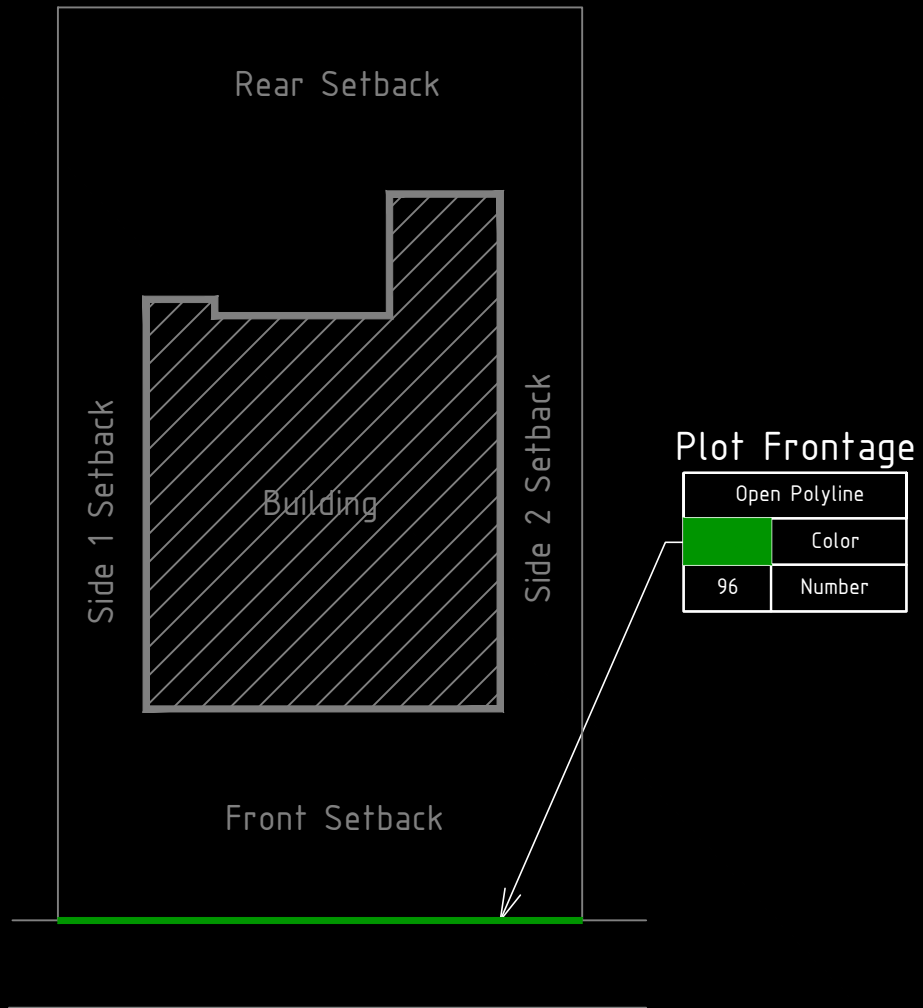| S.No	Description	Layer
03	Front Setback shall be drawn as Line in Color No. 4. Side 1 Setback shall be drawn as Line in Color No. 6. Side 2 Setback shall be drawn as Line in Color No. 2. Rear Setback shall be drawn as Line in Color No. 3. Note : Should be drawn above the Plot Boundary.	FLOOR-GROUND or FLOOR-STILT

SETBACK

SITE PLAN

S.No	Description	Layer
04	Front Setback shall be drawn as Polyline in Color No. 154. Side 1 Setback shall be drawn as Polyline in Color No. 102. Side 2 Setback shall be drawn as Polyline in Color No. 13. Rear Setback shall be drawn as Polyline in Color No. 190. Note : It Should be drawn on the Plot Boundary.	FLOOR-GROUND or FLOOR-STILT

SETBACK RESIDENTIAL PLOT

Rear Setback

Polyline	
	Color
190	Number

Side 1 Setback

Polyline	
Color	
Number	102

Building

Side 1 Setback

Rear Setback

Side 2 Setback

Side 2 Setback

Polyline	
	Color
13	Number

Front Setback

Polyline	
Color	
Number	154

Front Setback
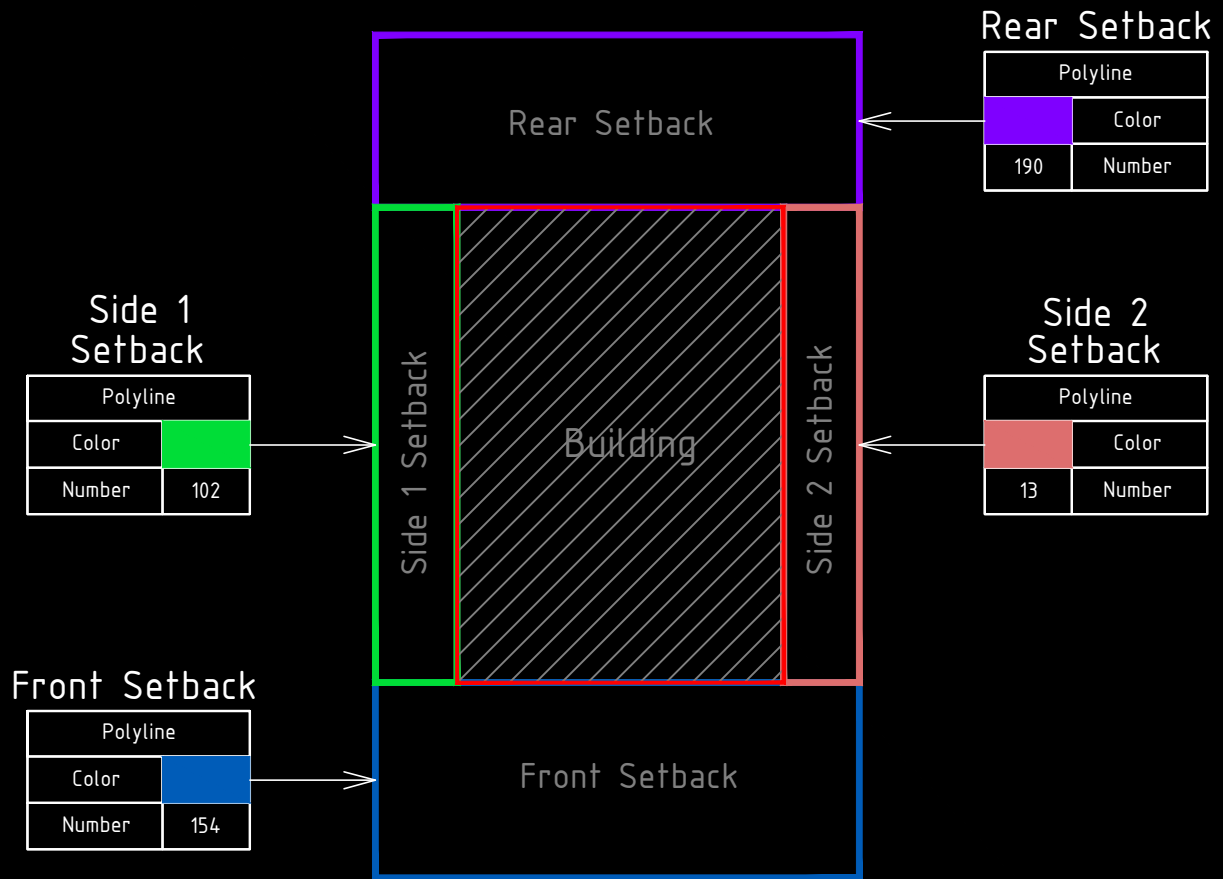
SITE PLAN

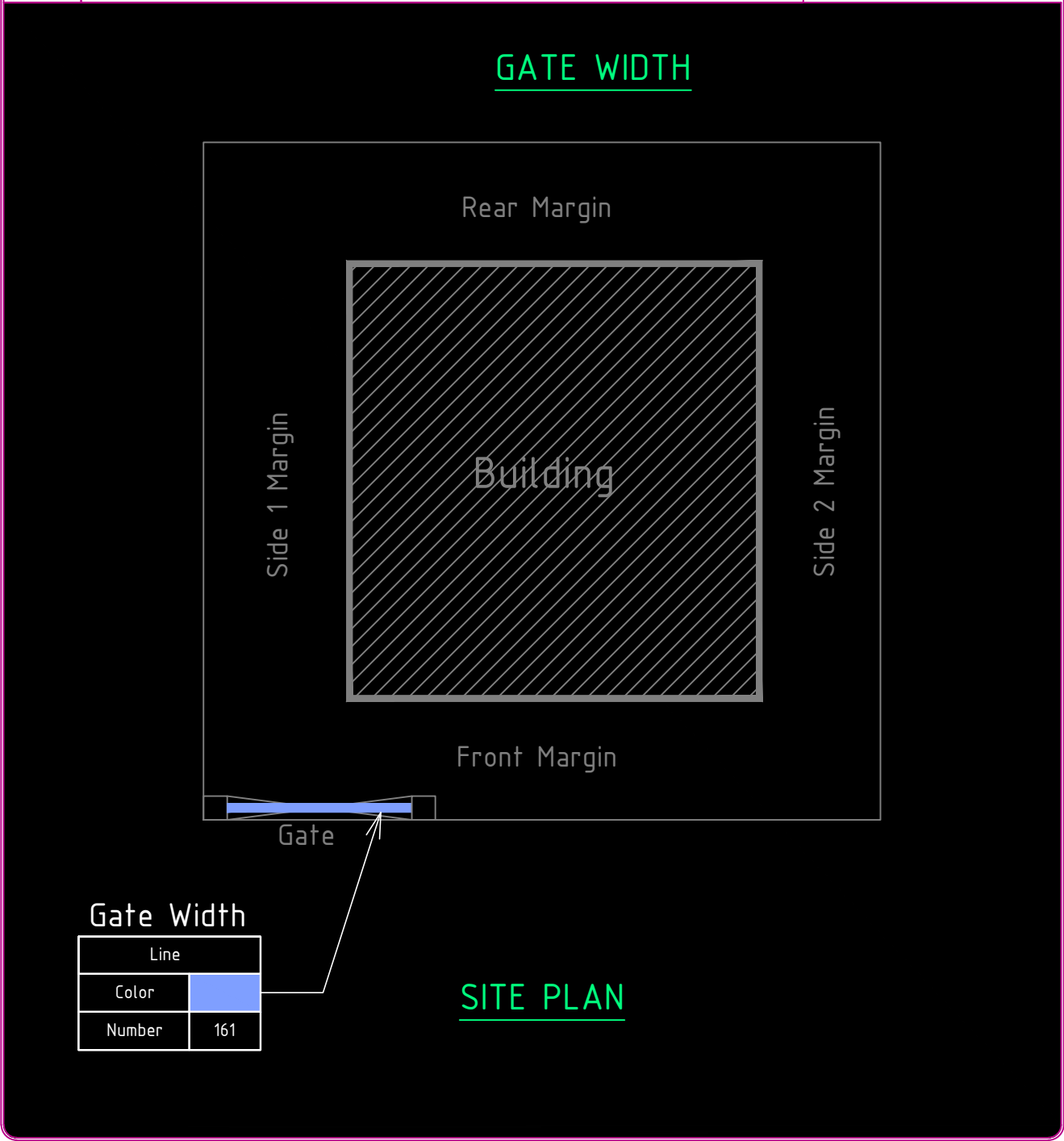| S.No	Description	Layer
05	Plot Frontage / Plot Width of Site Shall be drawn as Open Polyline in Color No 96.	FLOOR-GROUND or FLOOR-STILT

PLOT FRONTAGE / PLOT WIDTH

Rear Setback

Side 1 Setback

Building

Side 2 Setback

Plot Frontage

Open Polyline	
	Color
96	Number

Front Setback

SITE PLAN

S.No	Description	Layer
06	Road width shall be drawn as line in Color No. 41.	FLOOR-GROUND or FLOOR-STILT

ROAD WIDTH

Rear Setback

Side 1 Setback

Side 2 Setback

Building

Road Width

Line	
Color	
Number	41

Front Setback

12.00 Wide Road
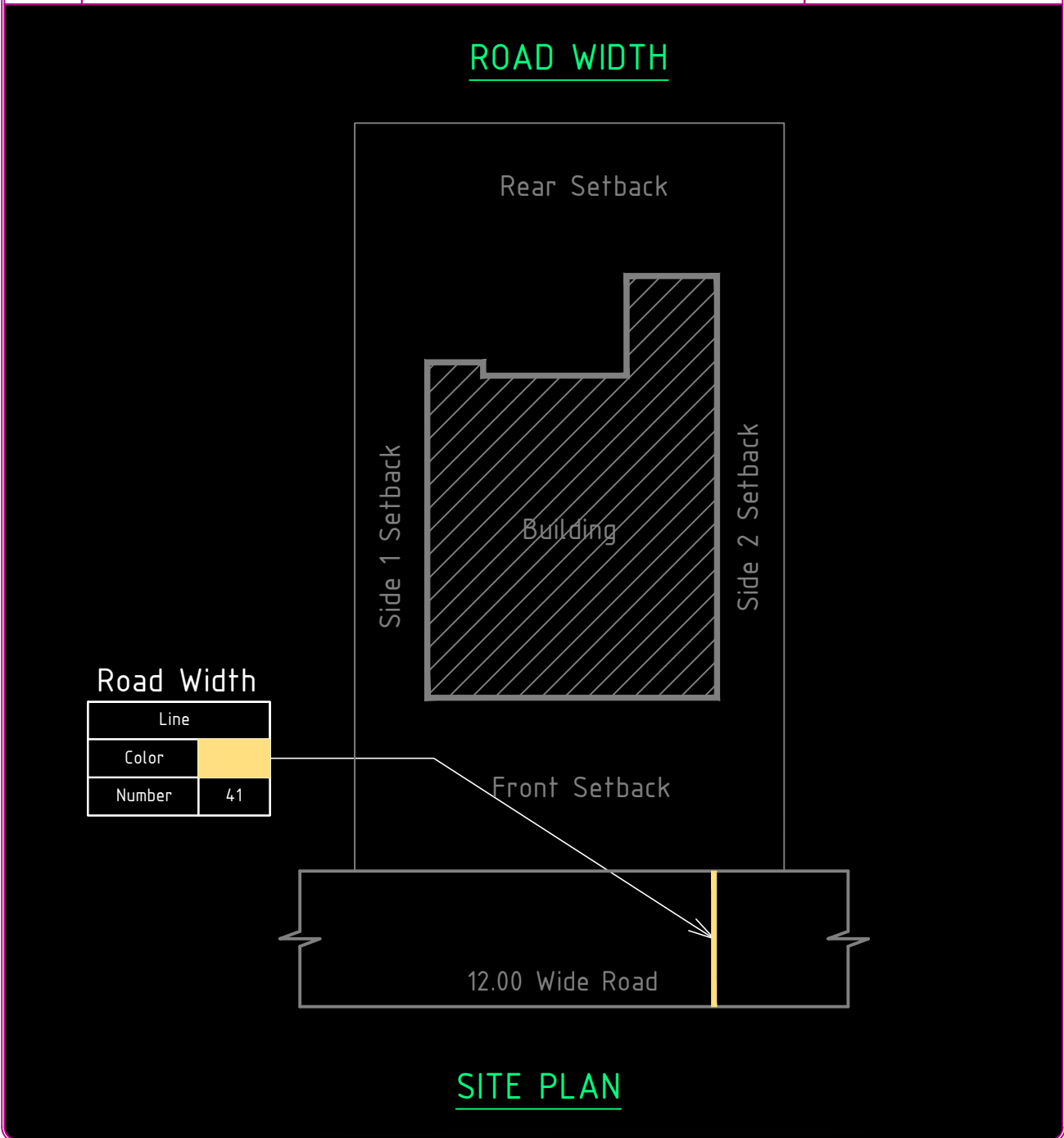
SITE PLAN

S.No	Description	Layer
07	Gate Width shall be drawn as line in Color No. 161.	FLOOR-GROUND or FLOOR-STILT

GATE WIDTH

Rear Margin

Side 1 Margin

Side 2 Margin

Building

Front Margin

Gate

Gate Width

Line	
Color	
Number	161

SITE PLAN

S.No	Description	Layer
08	Gate Height shall be drawn as line in Color No. 125	FLOOR-GROUND or FLOOR-STILT

GATE HEIGHT

Gate Height

Line	
	Color
125	Number
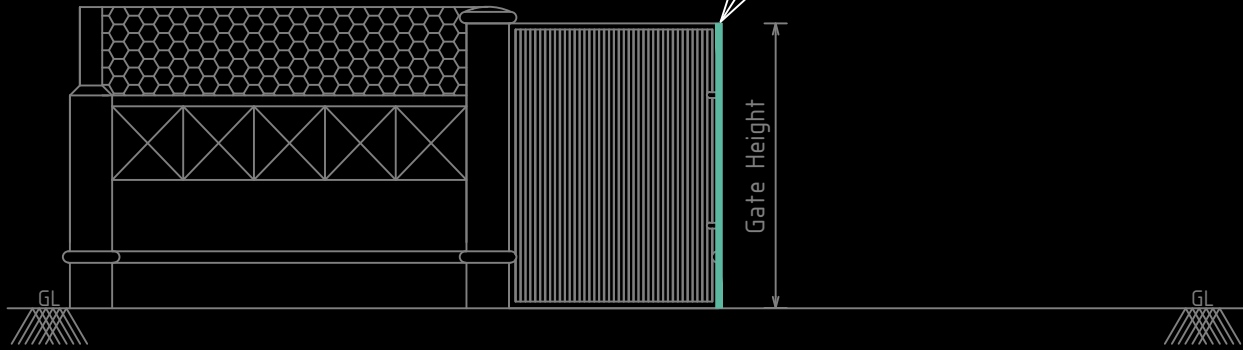
BOUNDARY WALL DETAIL

S.No	Description	Layer
09	Front Boundary Wall Height shall be drawn as line in Color No. 160. Barbed Fence Height shall be drawn as line in Color No. 73.	FLOOR-GROUND or FLOOR-STILT

FRONT BOUNDARY WALL AND BARBED FENCE HEIGHT

Barbed Fence

Line	
	Color
73	Number

0.90

Boundary Wall Front

Line	
	Color
160	Number
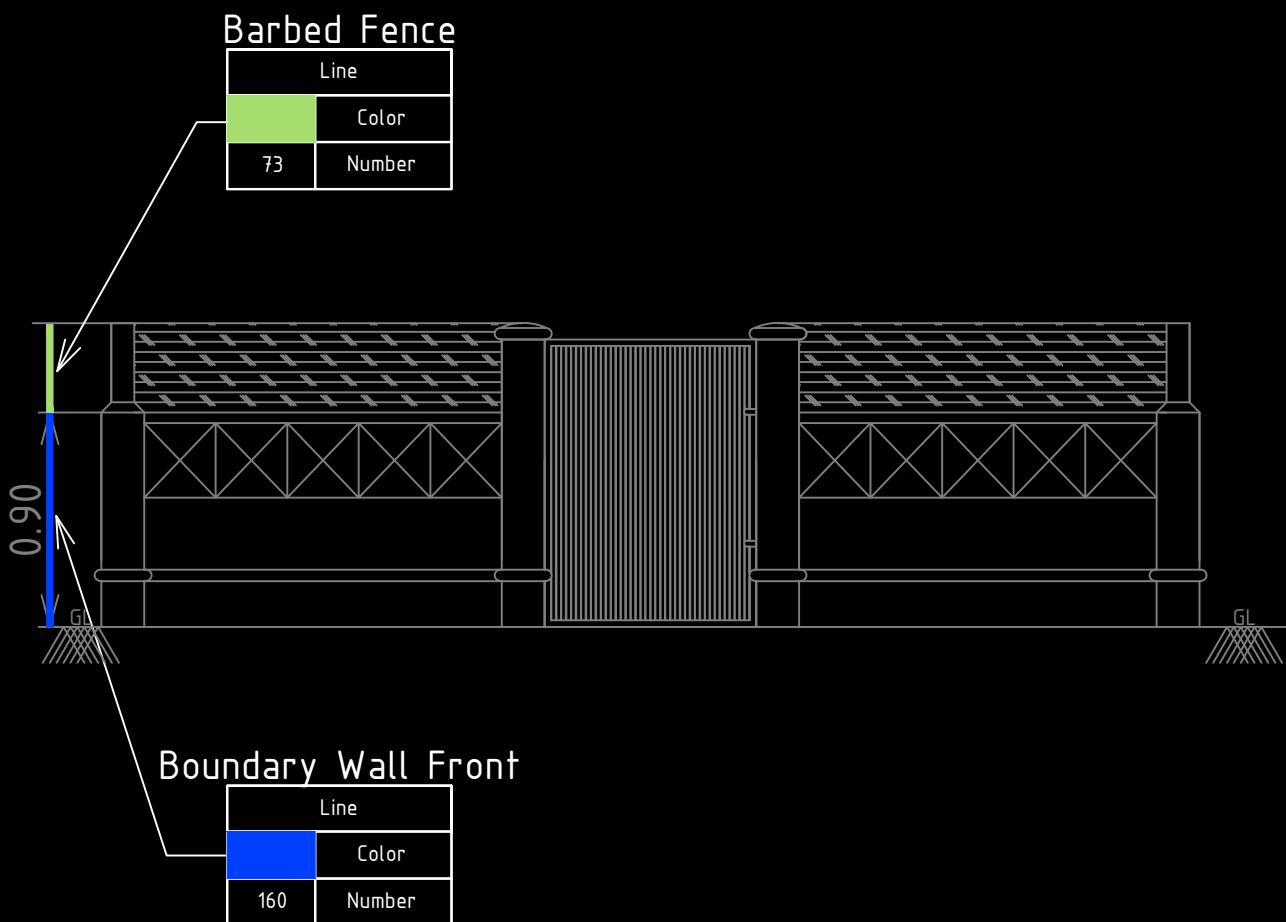
BOUNDARY WALL DETAIL

S.No	Description	Layer
10	Boundary Wall Upper Jali / Grill Height shall be drawn as line in Color No. 23.	FLOOR-GROUND or FLOOR-STILT

BOUNDARY WALL UPPER JALI / GRILL HEIGHT

Boundary Wall Upper
Jali / Grill Height

Line	
	Color
23	Number

0.60

GL   GL
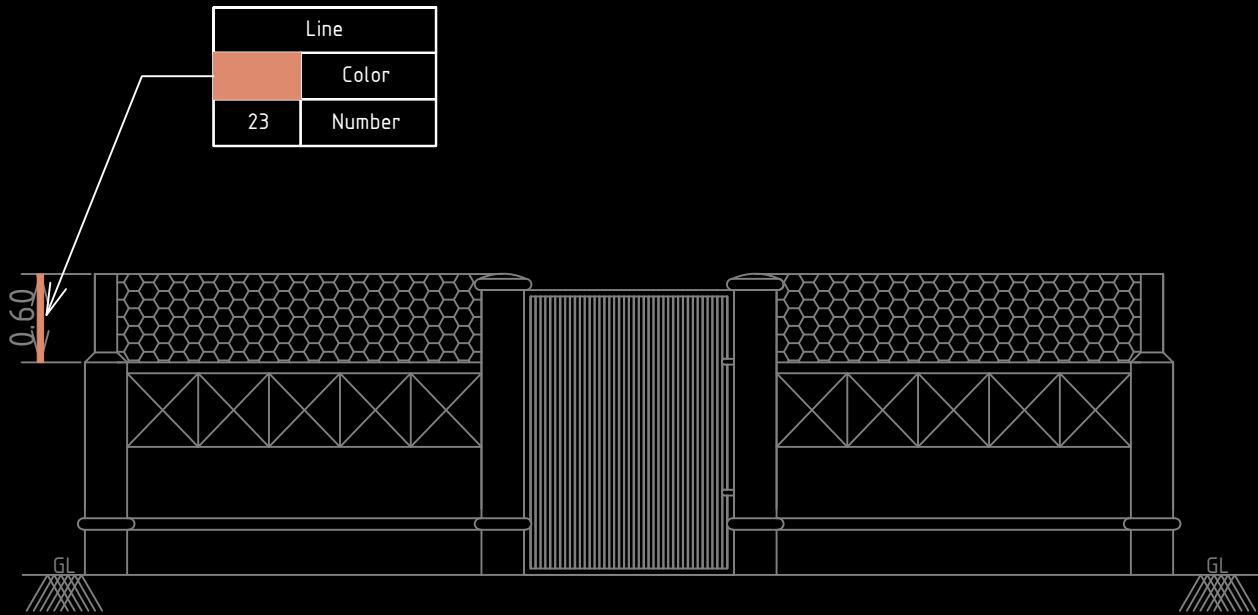
BOUNDARY WALL DETAIL

S.No	Description	Layer
11	Side and Rear Boundary Wall Height shall be drawn as line in Color No. 110.	FLOOR-GROUND or FLOOR-STILT

SIDE AND REAR BOUNDARY WALL HEIGHT

Side & Rear Boundary Wall Height

Line	
	Color
110	Number

BOUNDARY WALL DETAIL

S.No	Description	Layer
12	Soft Landscape or Open Area shall be drawn as Polyline in Color No. 60. Trees shall be drawn as Polyline in Color No. 93 and text shall be placed in the same color. Evergreen Trees shall be drawn as Polyline in Color No. 82 and text shall be placed in the same color. Note:Tress and Evergreen Tress should be drawn inside Color 60 Polyline.	FLOOR-GROUND or FLOOR-STILT

SOFT LANDSCAPE & TREES

Ever Green Trees

Polyline & Text	
	Color
82	Number

Trees

Polyline & Text	
	Color
93	Number

Soft Landscape

Polyline	
Color	
Number	60

Block

Block

Trees-20

Trees-40
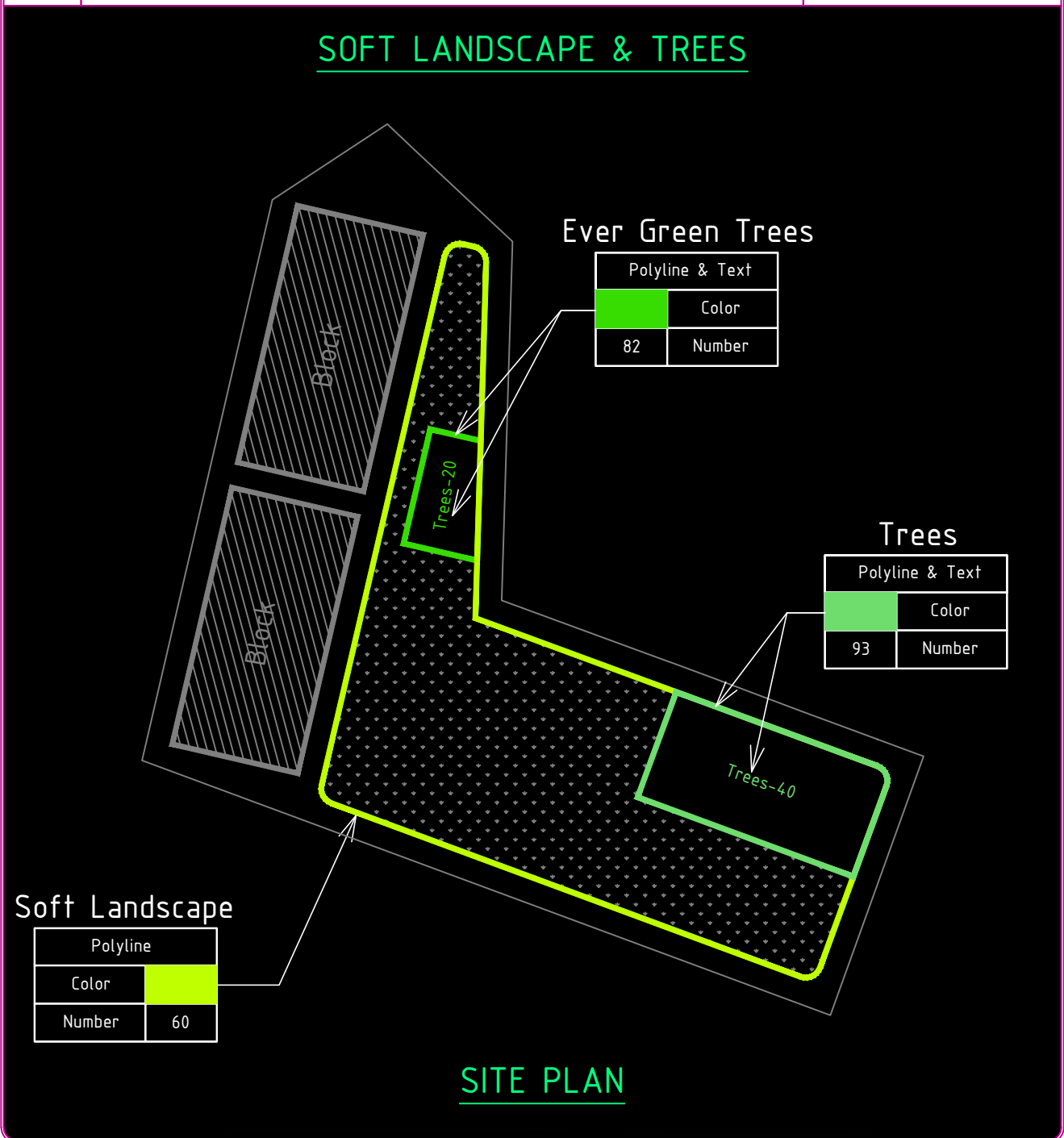
SITE PLAN

S.No	Description	Layer
13	Parking Open Area Shall be Drawn as Polyline in Color No. 20.	FLOOR-GROUND or FLOOR-STILT

PARKING OPEN AREA [SURFACE PARKING]
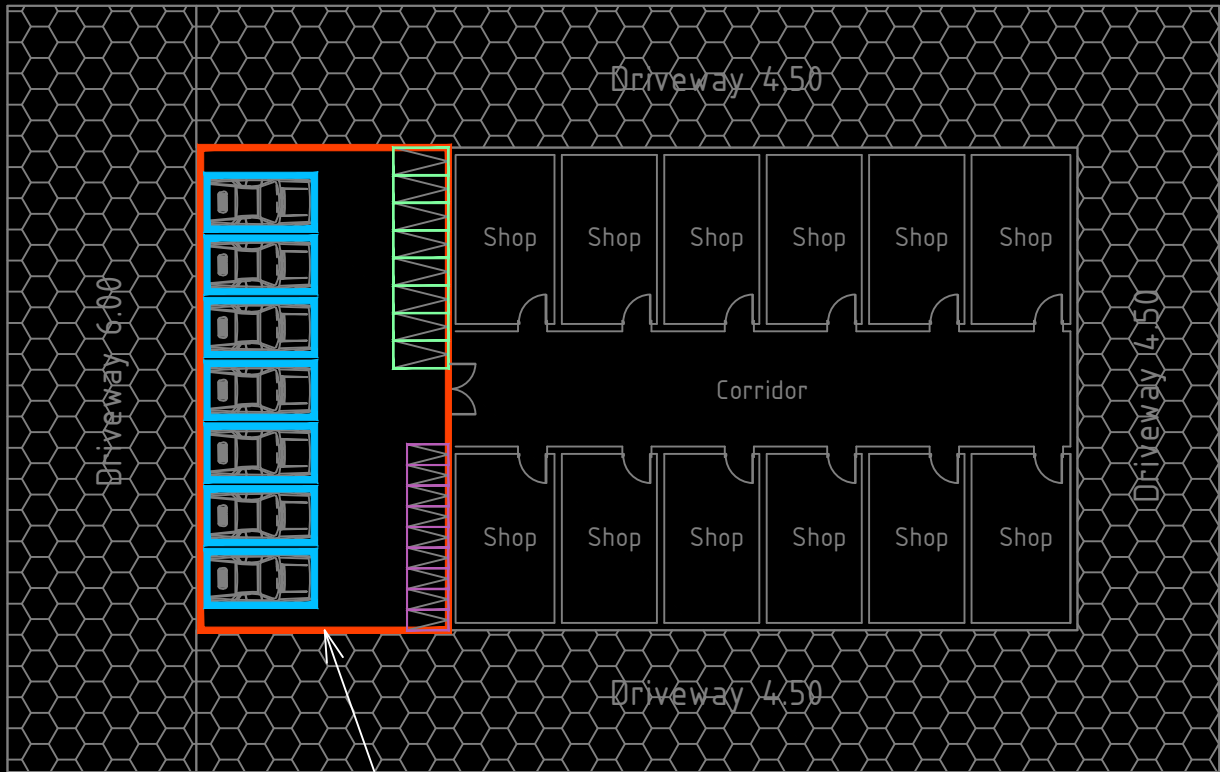
Parking Open Area

Polyline	
	Color
20	Number

SITE PLAN

S.No	Description	Layer
14	Street Parking Area Shall be Drawn as Polyline in Color No. 183	FLOOR-GROUND or FLOOR-STILT

STREET PARKING
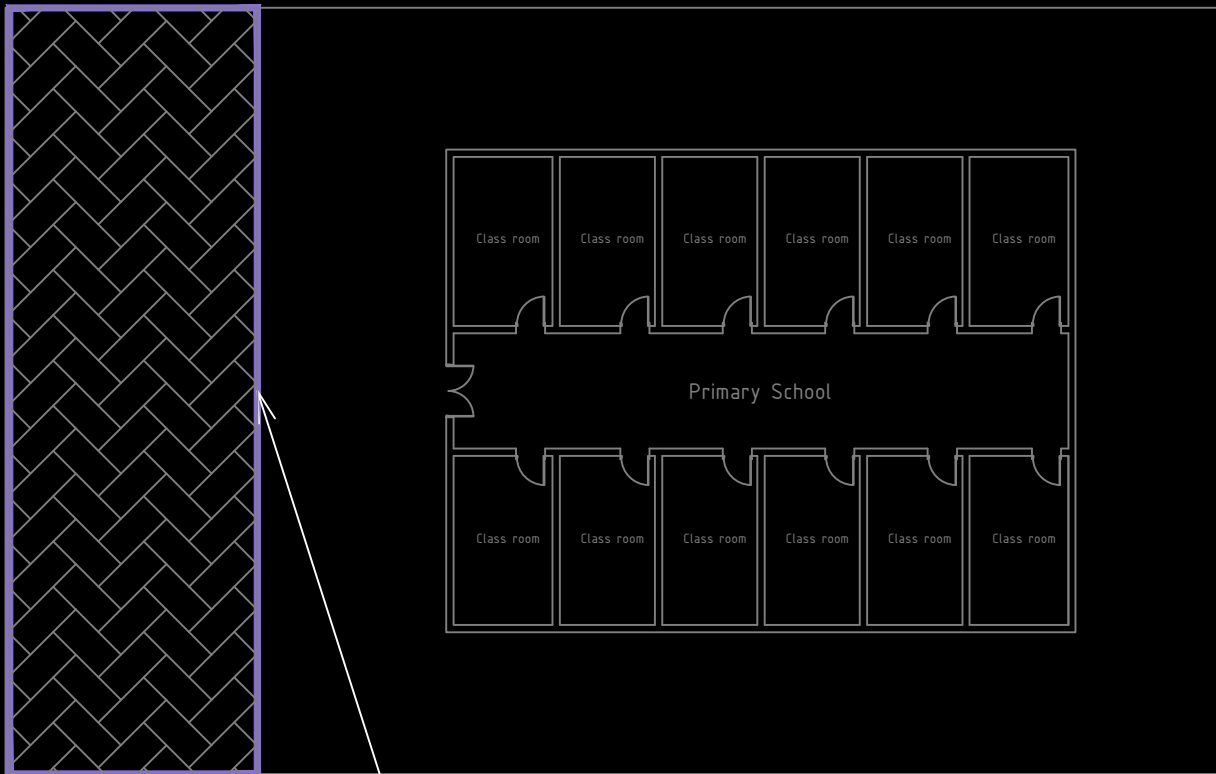
Street Parking

Polyline	
	Color
183	Number

SITE PLAN

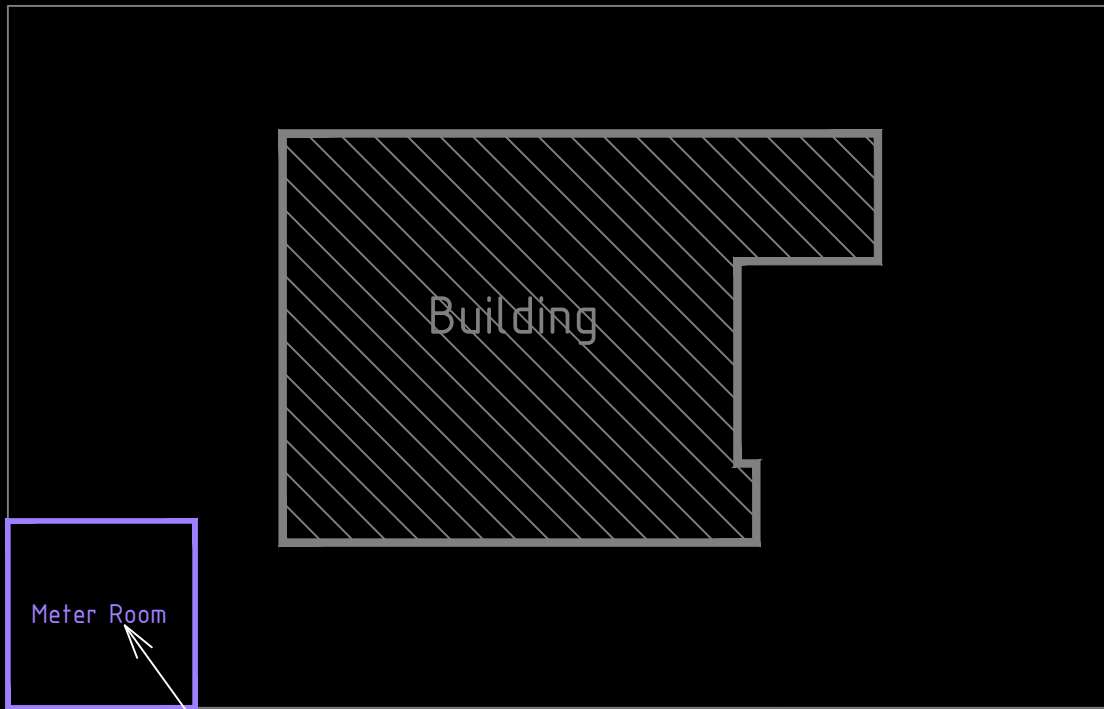| S.No	Description	Layer
15	Guard Room shall be drawn as Polyline in Color No. 181 and text shall be placed inside the Polyline in the same color. Note : Used Only Residential Plot	FLOOR-GROUND or FLOOR-STILT

GUARD ROOM

Building
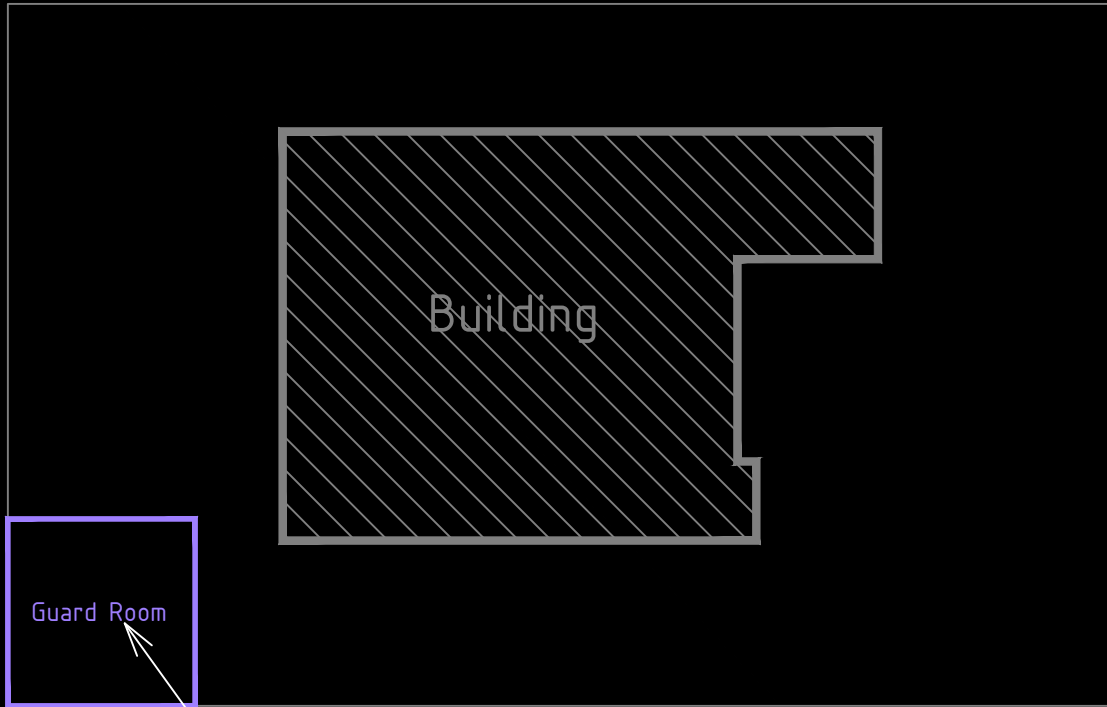
Guard Room

Guard Room

Polyline & Text	
	Color
181	Number

SITE PLAN

S.No	Description	Layer
16	Porta Cabin shall be drawn as Polyline in Color No. 181 and text shall be placed inside the Polyline in the same color. Note : Used Only Residential Plot	FLOOR-GROUND or FLOOR-STILT

PORTA CABIN

Building
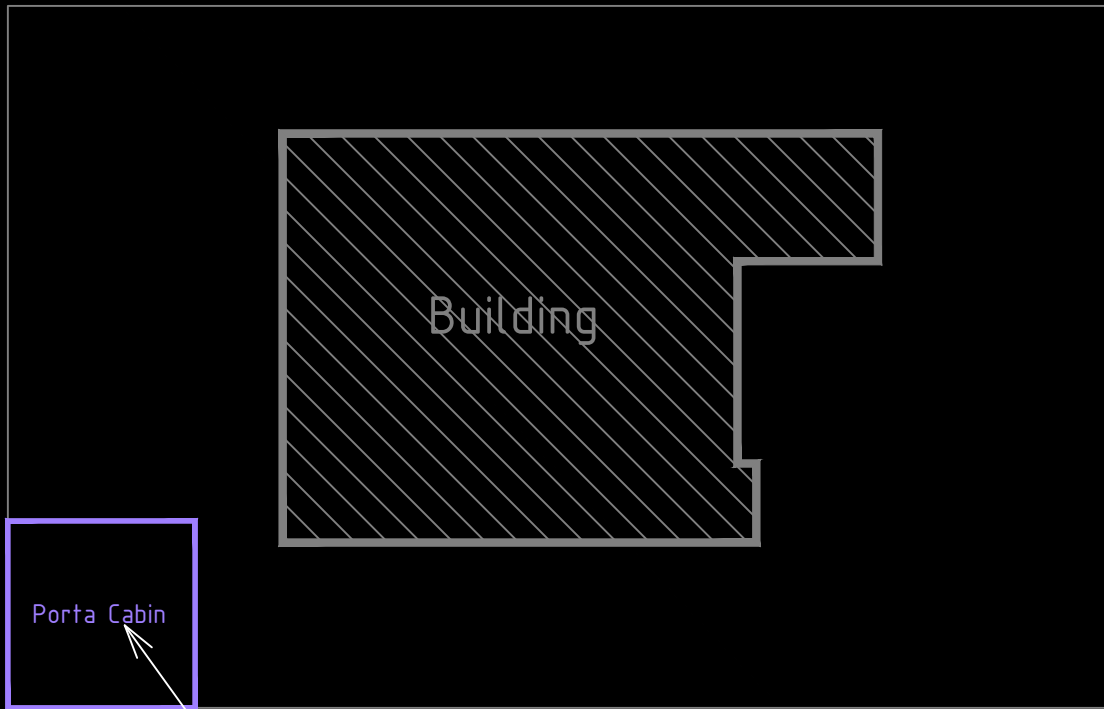
Porta Cabin

Porta Cabin

Polyline & Text	
	Color
181	Number

SITE PLAN

S.No	Description	Layer
17	Servant Quarters shall be drawn as Polyline in Color No. 181 and text shall be placed inside the Polyline in the same color. Note : Used Only Residential Plot	FLOOR-GROUND or FLOOR-STILT

SERVANT QUARTERS

Building
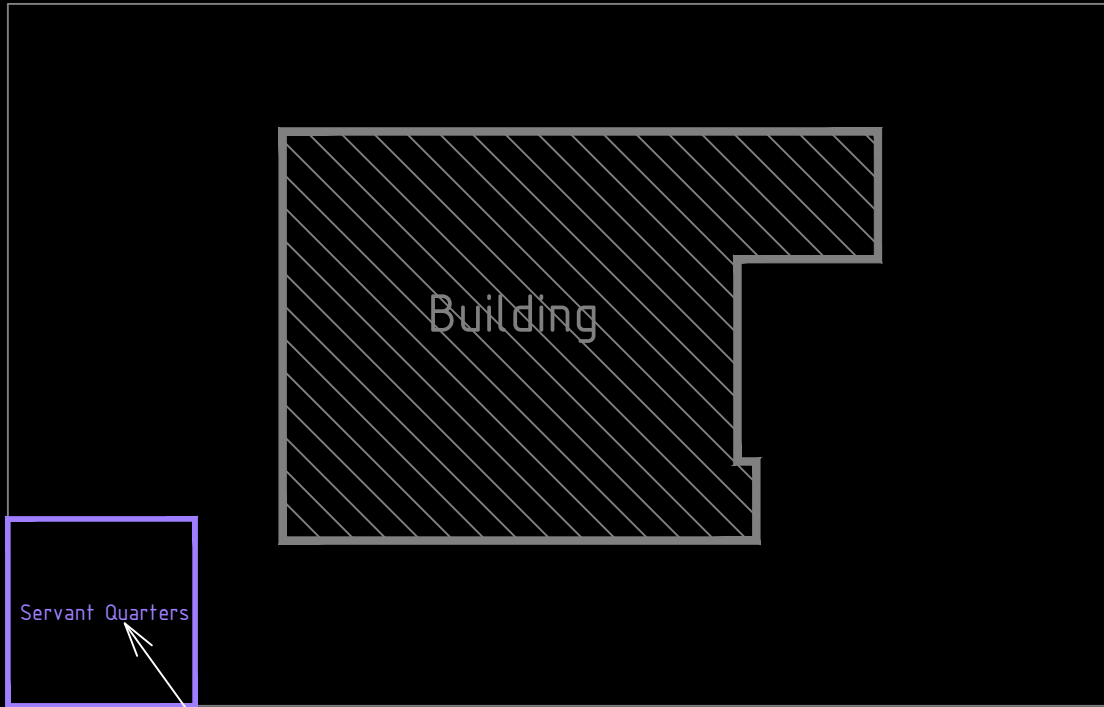
Servant Quarters

Servant Quarters

Polyline & Text	
	Color
181	Number

SITE PLAN

S.No	Description	Layer
18	Meter Room shall be drawn as Polyline in Color No. 181 for Residential and text shall be placed inside the Polyline in the same color. Note: Commercial – Color 6, Industrial – Color 134 Institutional – Color 33.	FLOOR-GROUND or FLOOR-STILT

METER ROOM

SITE PLAN

S.No	Description	Layer
19	Canopy shall be drawn as Polyline in Color No. 4 and text shall be kept inside the Polyline in the same Color.	FLOOR-GROUND or FLOOR-STILT

CANOPY

Ward 2
Ward 3
Ward 1
Ward 4
Ward 5
Ward 6
Ward 7

Hospital

Ward 1
Ward 2
Ward 3
Ward 4
Ward 5
Ward 6
Ward 7

Canopy

Canopy

Polyline & Text	
Color	
Number	4

SITE PLAN
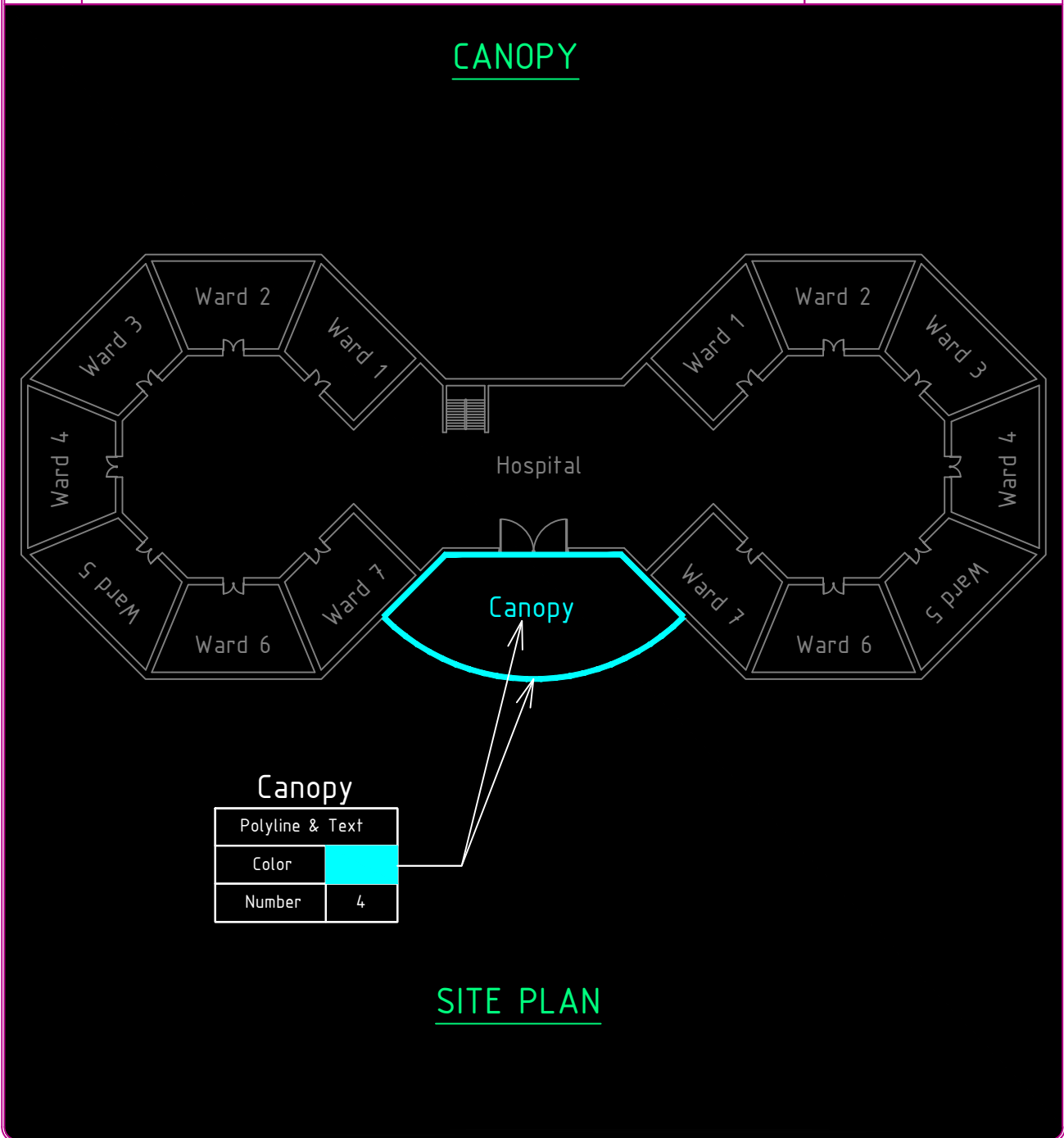
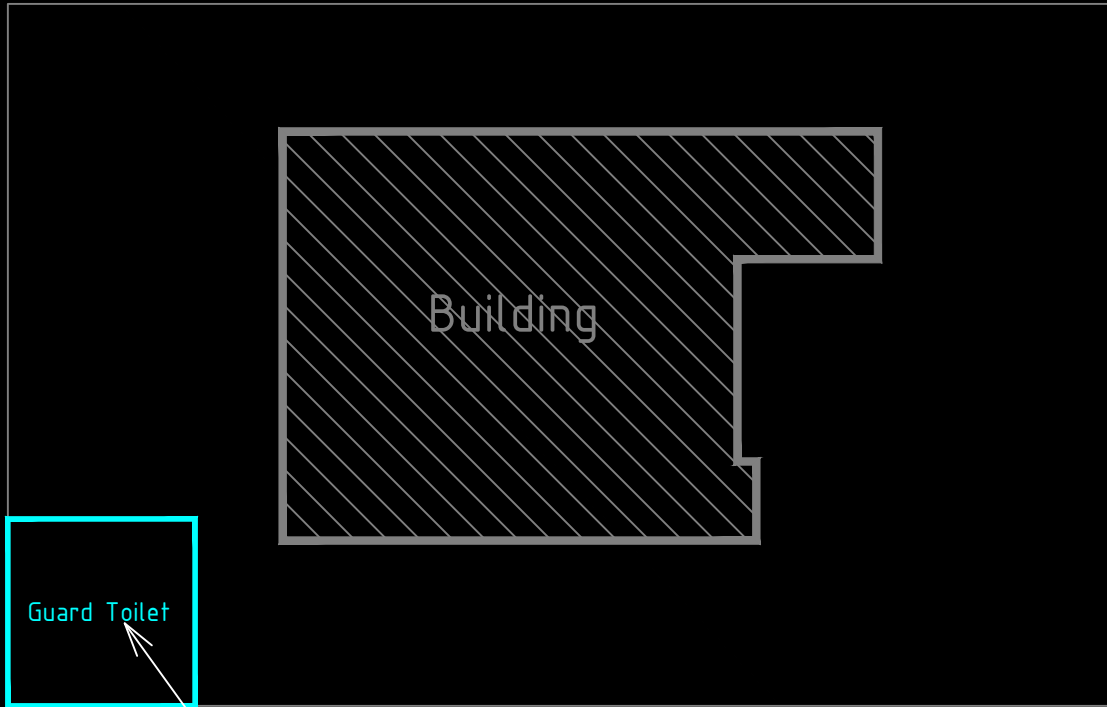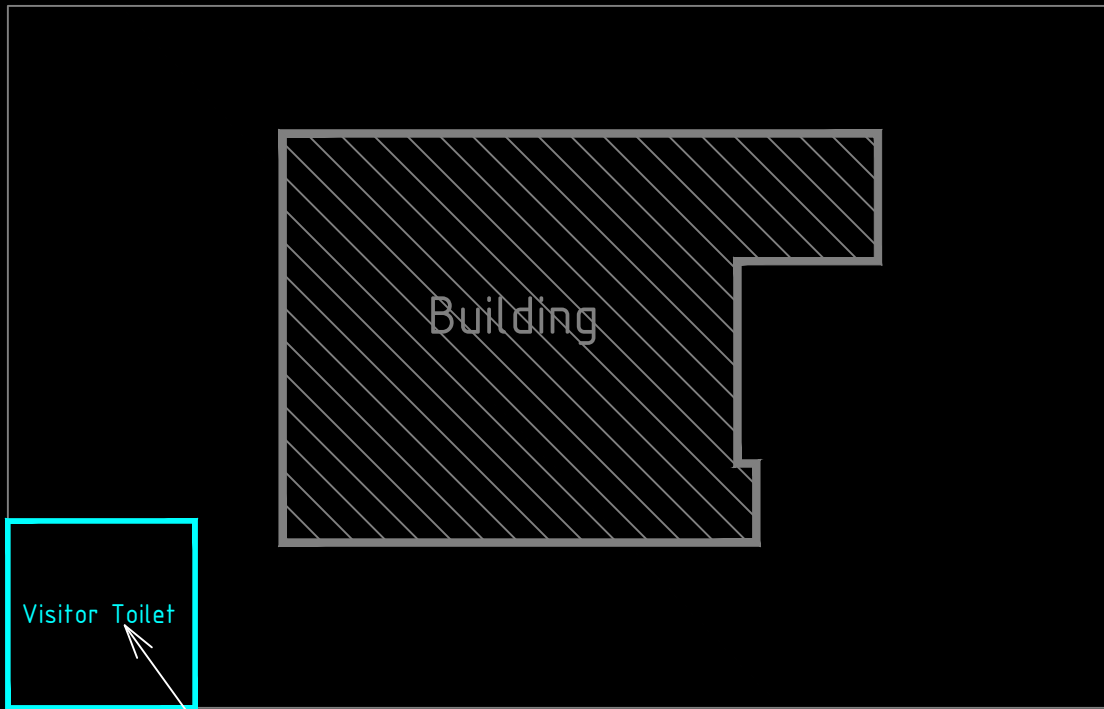| S.No	Description	Layer
20	Watchman Shelter shall be drawn as Polyline in Color No. 4 and text shall be kept in the same Color and need to be drawn inside Plot Boundary. Height of the Watchman Shelter Text shall be placed inside the Color 4 Polyline as shown below in the same Color.	FLOOR-GROUND or FLOOR-STILT

WATCHMAN SHELTER

Building

Watchman Shelter
Height-4.00
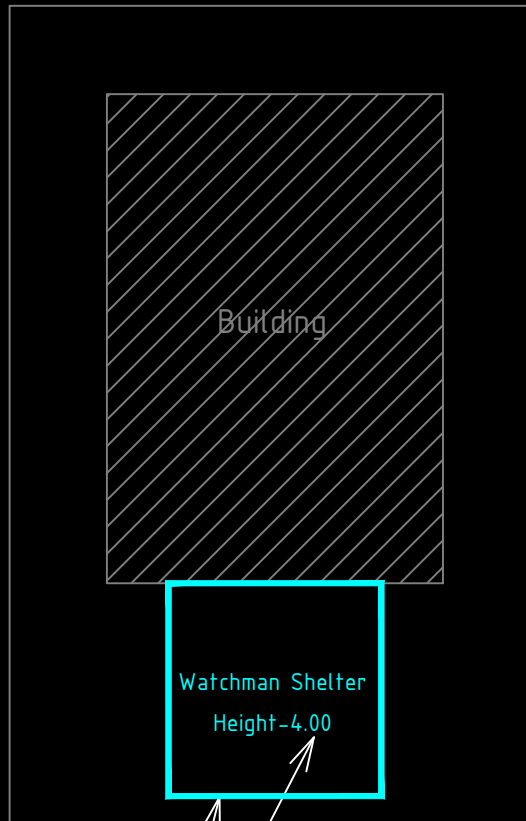
Watchman Shelter

Polyline & Text	
Color	
Number	4

SITE PLAN

S.No	Description	Layer
21	Watch Tower shall be drawn as Polyline in Color No. 4 and text shall be kept in the same Color and need to be drawn inside Plot Boundary. Height of the Watch Tower shall be placed inside the Color 4 Polyline as shown below in the same color.	FLOOR-GROUND or FLOOR-STILT

WATCH TOWER

Building

Watch Tower
Height-4.00
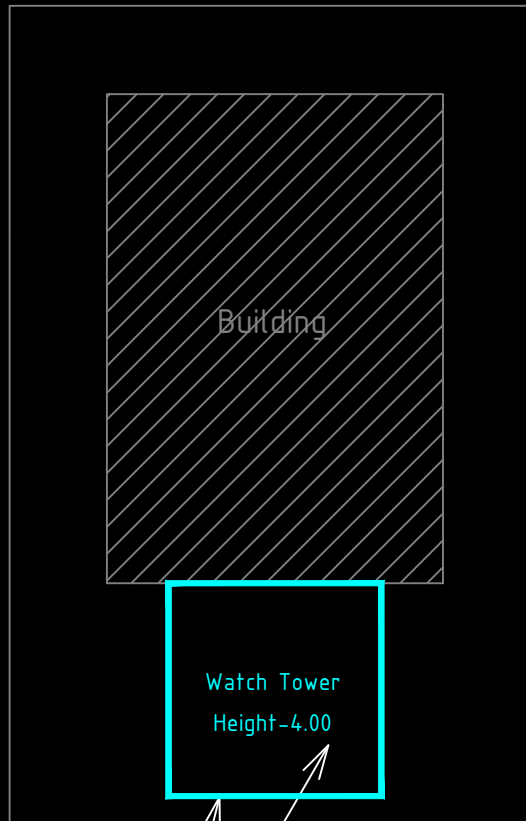
Watch Tower

Polyline & Text	
Color	
Number	4

SITE PLAN

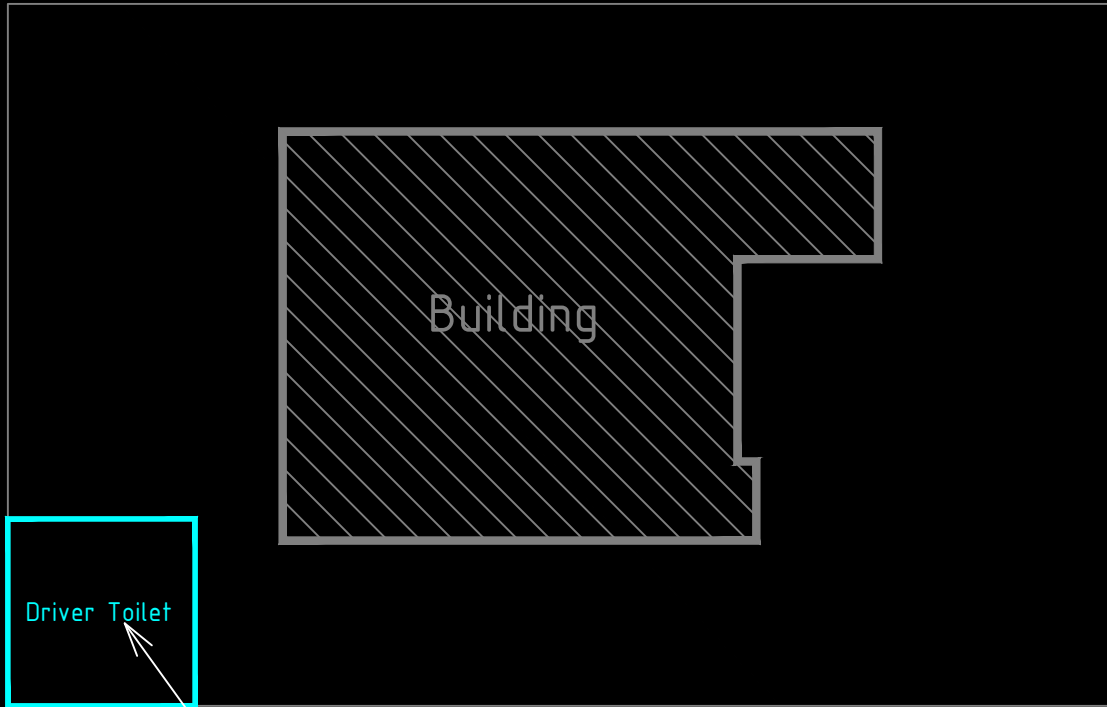| S.No	Description	Layer
22	Guard Toilet shall be drawn as Polyline in Color No. 4 and text shall be placed inside the Polyline in the same color.	FLOOR-GROUND or FLOOR-STILT

GUARD TOILET

Building

Guard Toilet

Guard Toilet

Polyline & Text	
	Color
4	Number

SITE PLAN

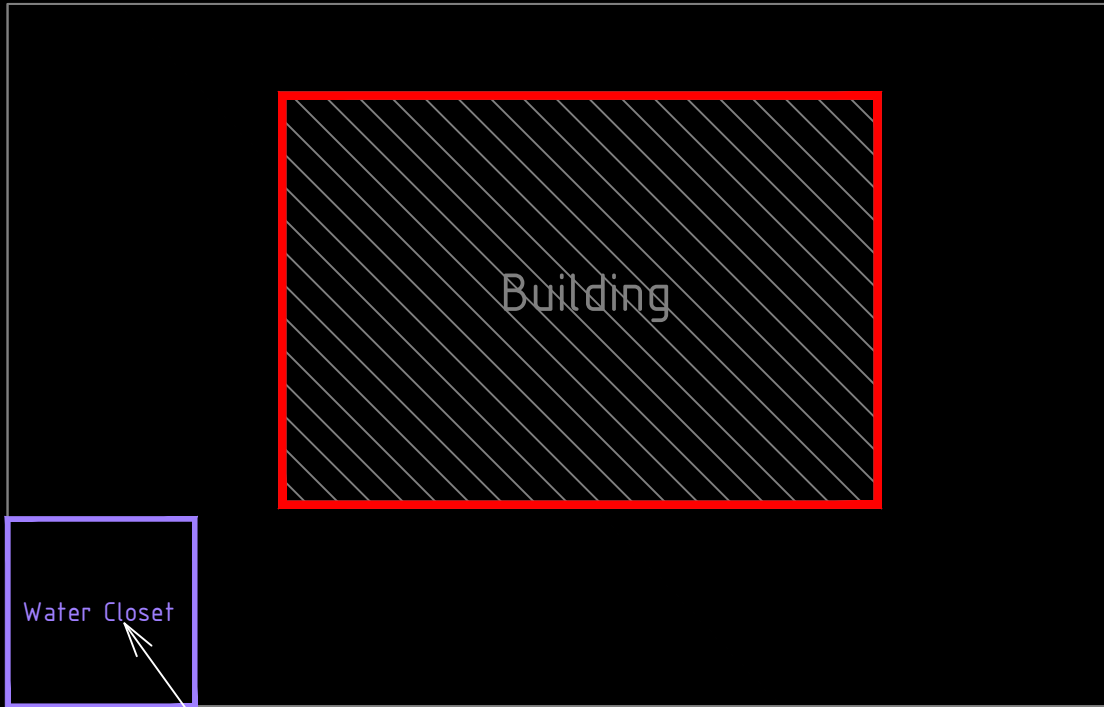| S.No	Description	Layer
23	Visitor Toilet shall be drawn as Polyline in Color No. 4 and text shall be placed inside the Polyline in the same color.	FLOOR-GROUND or FLOOR-STILT

VISITOR TOILET

Building

Visitor Toilet

Visitor Toilet

Polyline & Text	
	Color
4	Number

SITE PLAN

S.No	Description	Layer
24	Driver Toilet shall be drawn as Polyline in Color No. 4 and text shall be placed inside the Polyline in the same color.	FLOOR-GROUND or FLOOR-STILT

DRIVER TOILET

Building

Driver Toilet

Driver Toilet

Polyline & Text	
	Color
4	Number

SITE PLAN

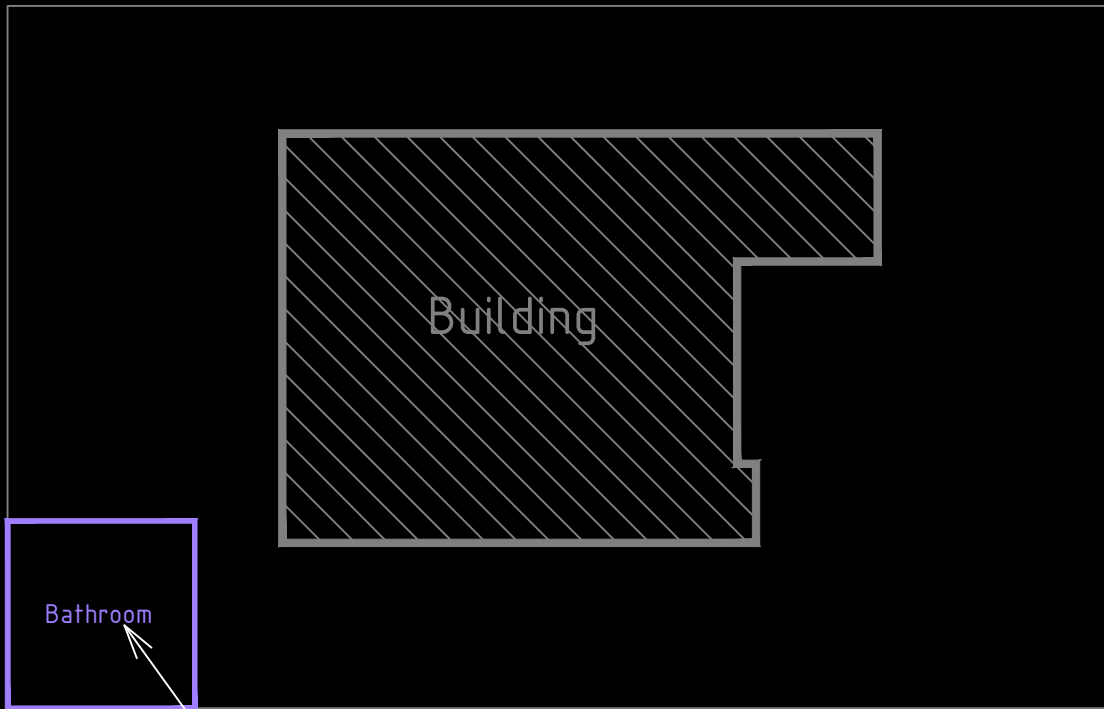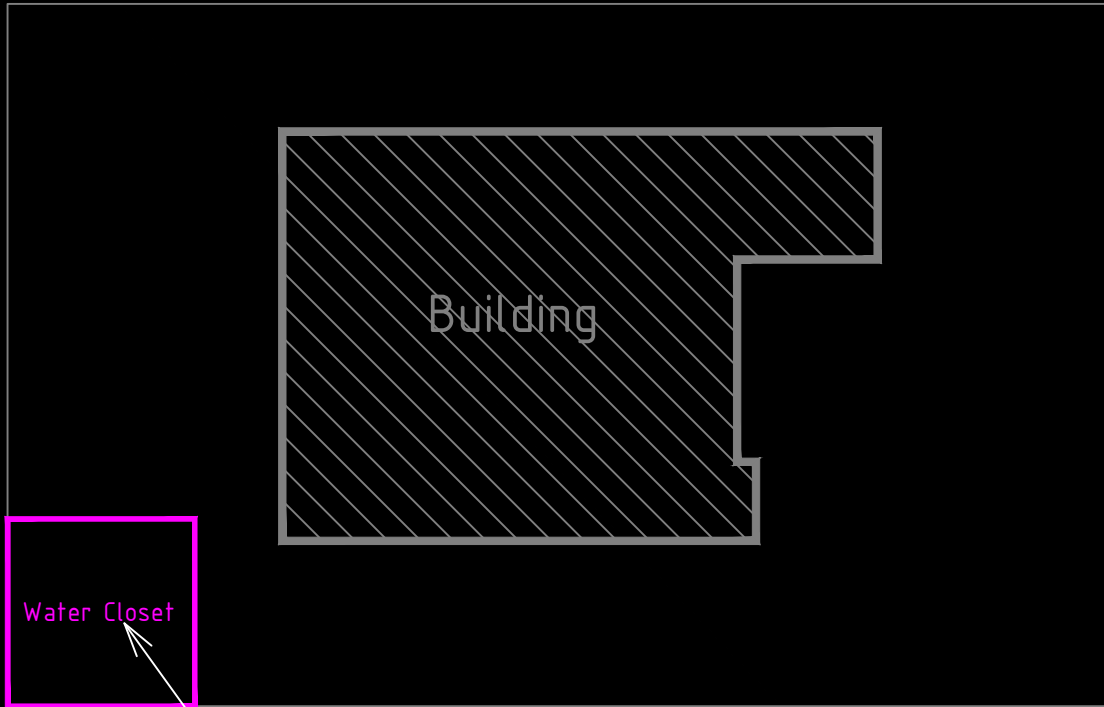| S.No	Description	Layer
25	Water Closet for Residential shall be drawn as Polyline in Color No. 181 and text shall be placed inside the Polyline in the same color. Note: Applicable for the Toilet Constructed Outside the Building.	FLOOR-GROUND or FLOOR-STILT

TOILET BLOCK WATER CLOSET

Building

Water Closet

Water Closet

Polyline & Text	
	Color
181	Number

SITE PLAN

S.No	Description	Layer
26	Bathroom for Residential shall be drawn as Polyline in Color No. 181 and text shall be placed inside the Polyline in the same color. Note: Applicable for the Toilet Constructed Outside the Building.	FLOOR-GROUND or FLOOR-STILT

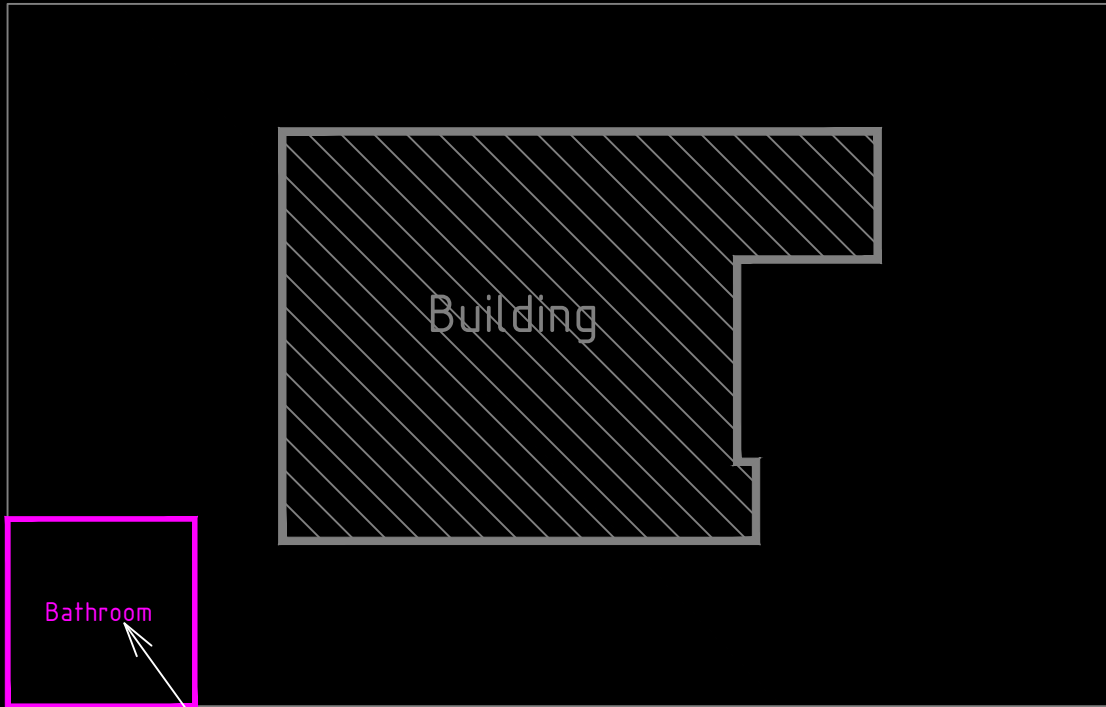TOILET BLOCK BATHROOM

Building

Bathroom

Bathroom

Polyline & Text	
	Color
181	Number

SITE PLAN

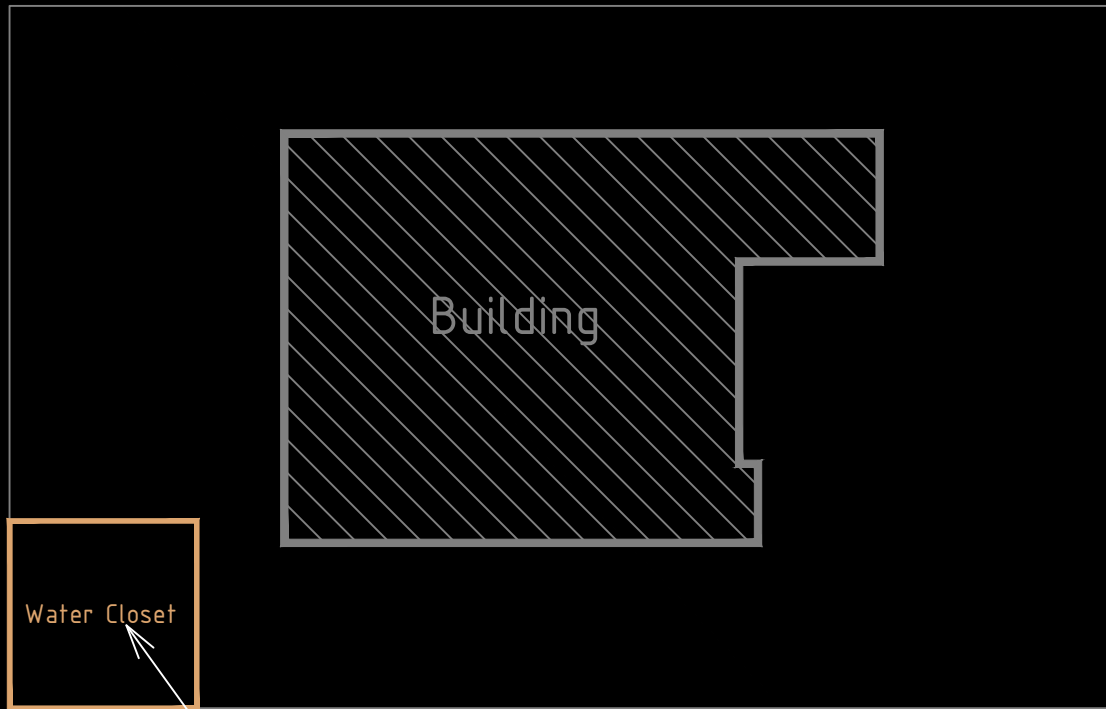| S.No	Description	Layer
27	Water Closet for Commercial shall be drawn as Polyline in Color No. 6 and text shall be placed inside the Polyline in the same color. Note: Applicable for the Toilet Constructed Outside the Building.	FLOOR-GROUND or FLOOR-STILT

TOILET BLOCK WATER CLOSET

Building

Water Closet

Water Closet

Polyline & Text	
	Color
6	Number

SITE PLAN

S.No	Description	Layer
28	Bathroom for Commercial shall be drawn as Polyline in Color No. 6 and text shall be placed inside the Polyline in the same color. Note: Applicable for the Toilet Constructed Outside the Building.	FLOOR-GROUND or FLOOR-STILT

TOILET BLOCK BATHROOM

Building

Bathroom

Bathroom

Polyline & Text	
	Color
6	Number

SITE PLAN

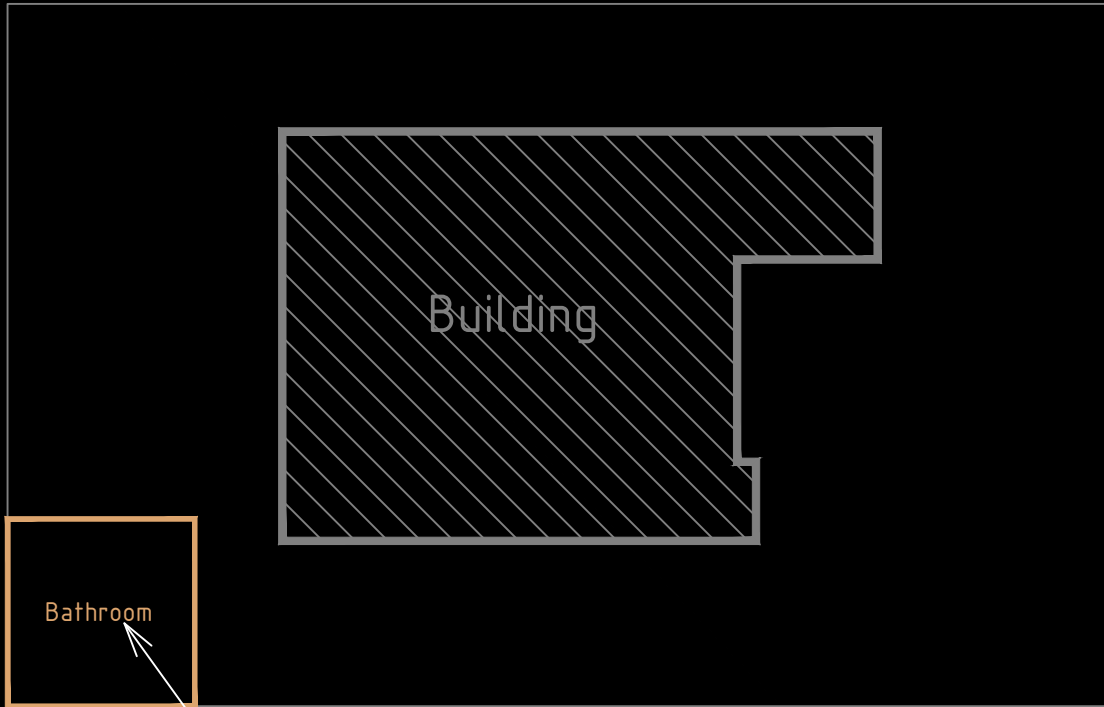| S.No	Description	Layer
29	Water Closet for Institutional shall be drawn as Polyline in Color No. 33 and text shall be placed inside the Polyline in the same color. Note 1 : Network Services and Utilities, Public Amenities & Park, Open Space and Green Belt Premises can follow the same Color. Note 2 : Applicable for the Toilet Constructed Outside the Building.	FLOOR-GROUND or FLOOR-STILT

TOILET BLOCK WATER CLOSET

Building

Water Closet

Water Closet

Polyline & Text	
	Color
33	Number

SITE PLAN

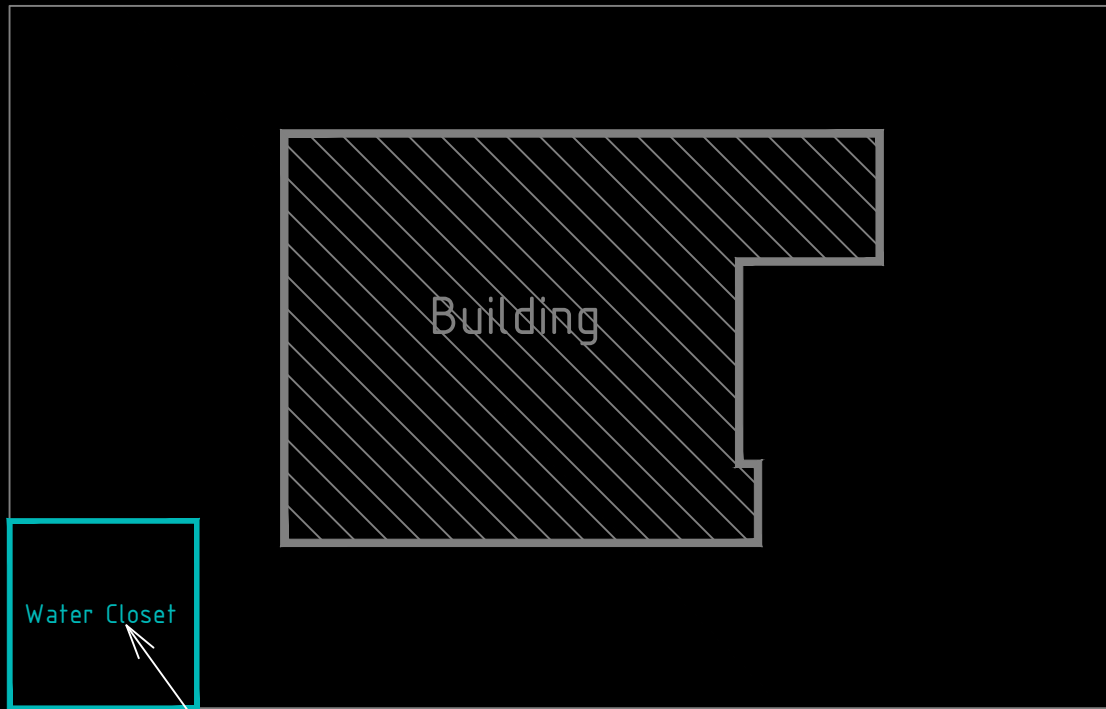| S.No	Description	Layer
30	Bathroom for Institutional shall be drawn as Polyline in Color No. 33 and text shall be placed inside the Polyline in the same color. Note: Applicable for the Toilet Constructed Outside the Building.	FLOOR-GROUND or FLOOR-STILT

TOILET BLOCK BATHROOM

Building

Bathroom

Bathroom

Polyline & Text	
	Color
33	Number

SITE PLAN

S.No	Description	Layer
31	Water Closet for Industrial shall be drawn as Polyline in Color No. 134 and text shall be placed inside the Polyline in the same color. Note 1 : Agriculture Premises can follow the same Color. Note 2 : Applicable for the Toilet Constructed Outside the Building.	FLOOR-GROUND or FLOOR-STILT

TOILET BLOCK WATER CLOSET

SITE PLAN

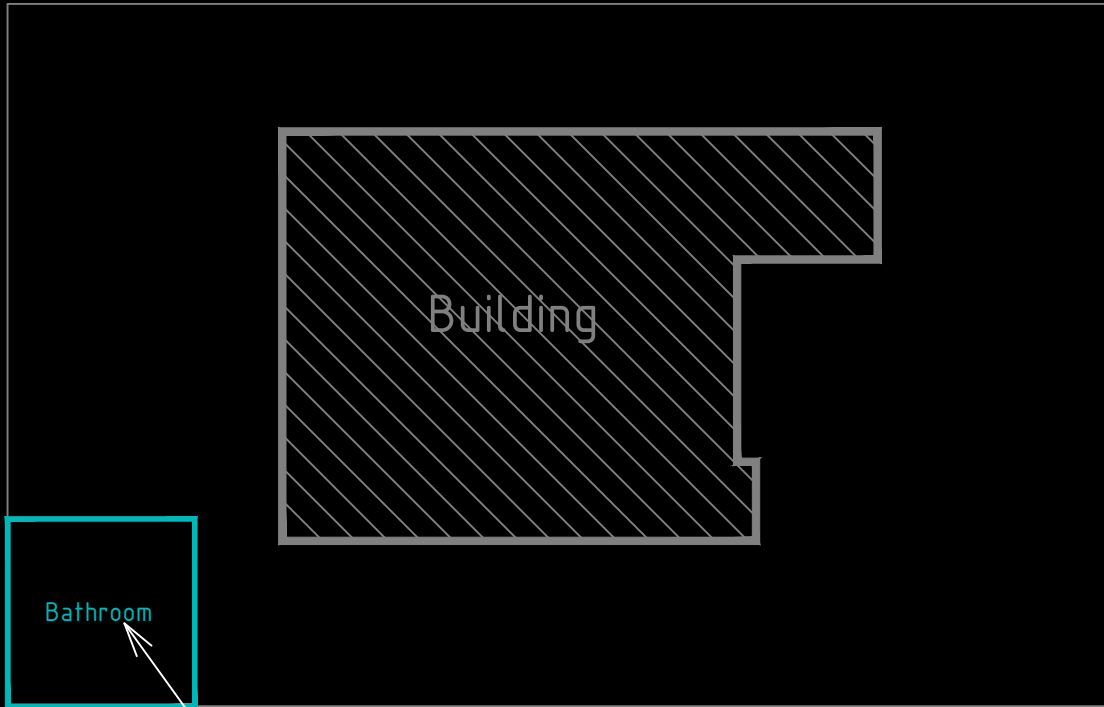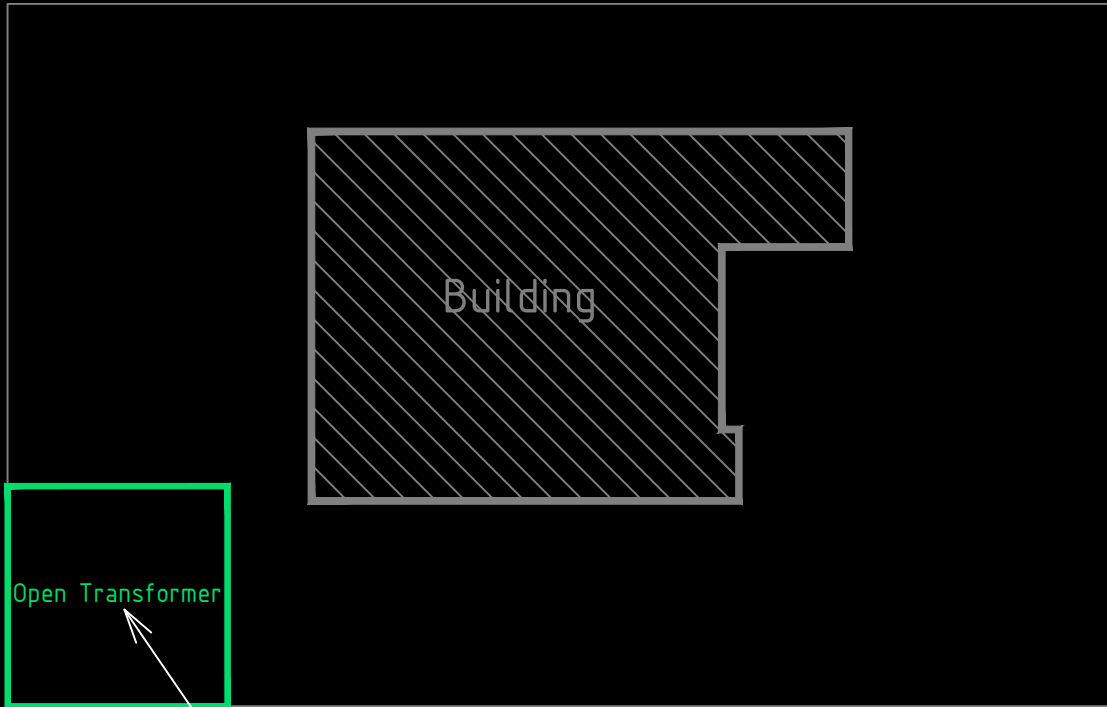| S.No	Description	Layer
32	Bathroom for Industrial shall be drawn as Polyline in Color No. 134 and text shall be placed inside the Polyline in the same color. Note 1 : Agriculture Premises can follow the same Color. Note 2 : Applicable for the Toilet Constructed Outside the Building.	FLOOR-GROUND or FLOOR-STILT

TOILET BLOCK BATHROOM

Building

Bathroom

Bathroom

Polyline & Text	
	Color
134	Number

SITE PLAN

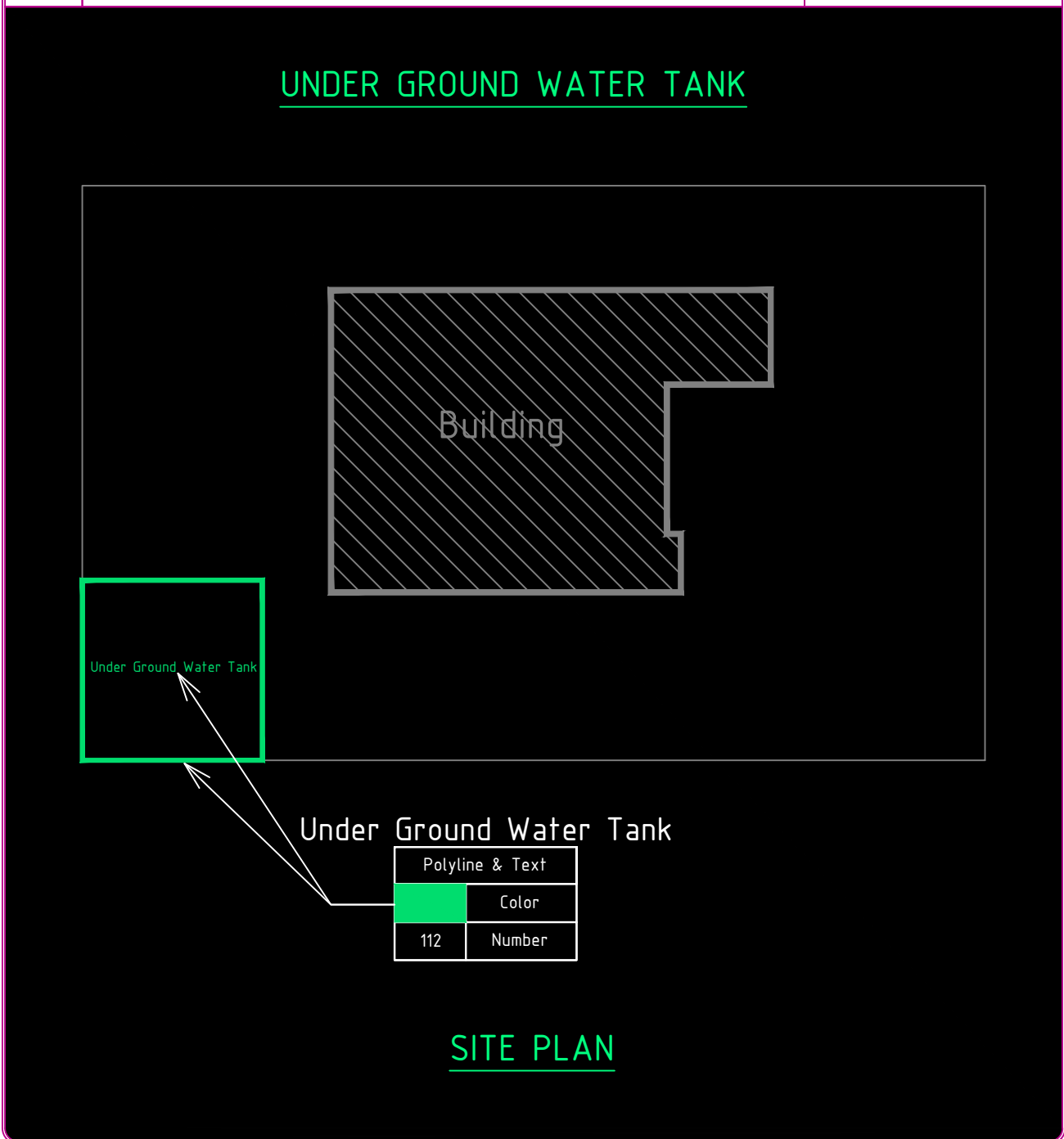| S.No	Description	Layer
33	Open Transformer shall be drawn as Polyline in Color No. 112 and text shall be placed inside the Polyline in the same color.	FLOOR-GROUND or FLOOR-STILT

OPEN TRANSFORMER

Building

Open Transformer

Open Transformer

Polyline & Text	
	Color
112	Number

SITE PLAN

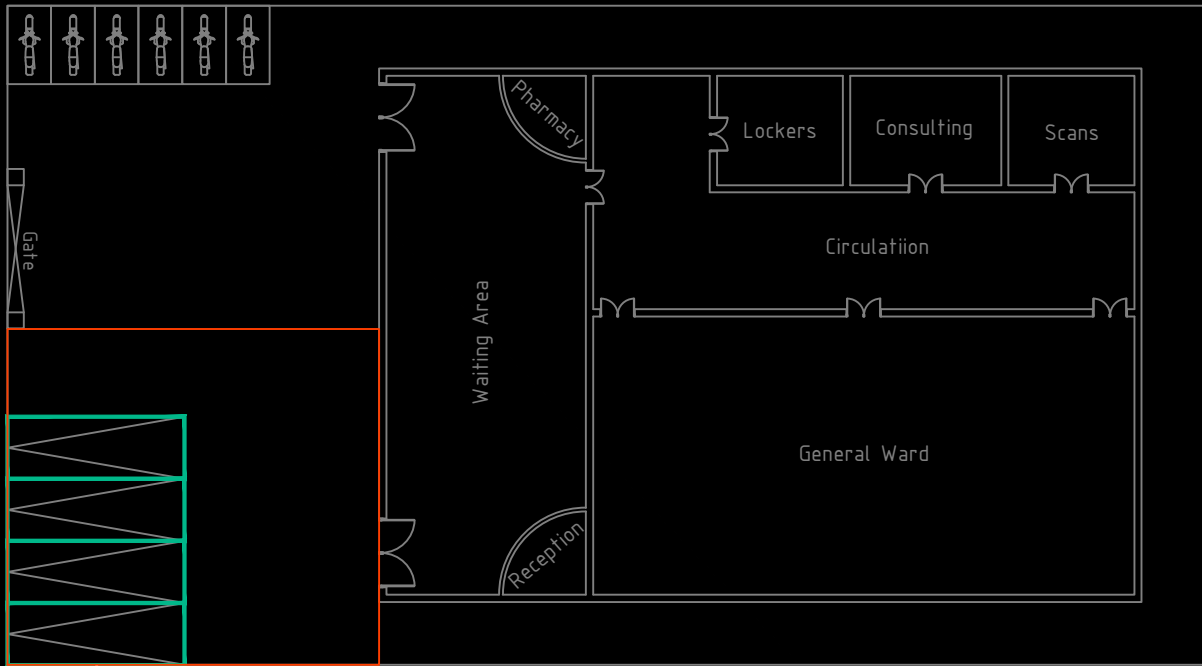| S.No	Description	Layer
34	Under Ground Water Tank shall be drawn as Polyline in Color No. 112 and text shall be placed inside the Polyline in the same color.	FLOOR-GROUND or FLOOR-STILT

UNDER GROUND WATER TANK

Building

Under Ground Water Tank

Under Ground Water Tank

Polyline & Text	
	Color
112	Number

SITE PLAN

S.No	Description	Layer
35	Ambulance Stall shall be drawn as polyline in Color No. 124.	FLOOR-GROUND or FLOOR-STILT

AMBULANCE STALL

Gate

Waiting Area

Pharmacy

Lockers

Consulting

Scans

Circulatiion

General Ward

Reception

Ambulance Stall

Polyline	
	Color
124	Number

SITE PLAN

S.No	Description	Layer
36	Bus Parking Stall shall be drawn as polyline in Color No. 220.	FLOOR-GROUND or FLOOR-STILT

BUS PARKING STALL

Gate

Building
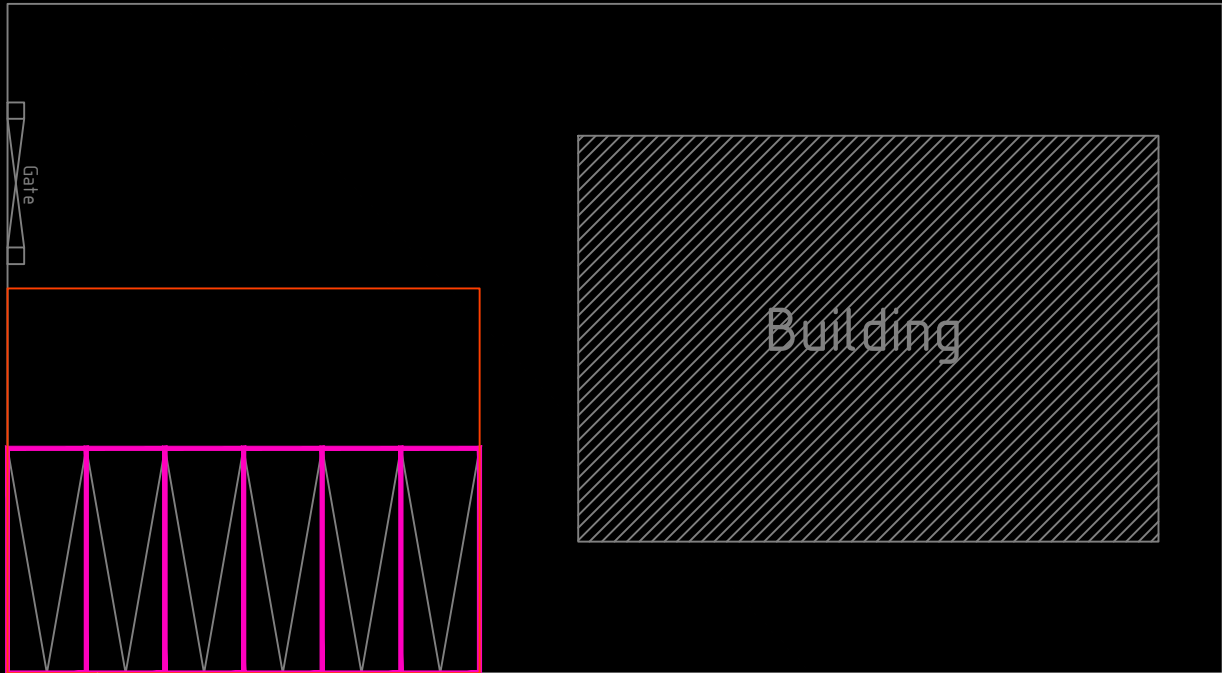
Bus Parking Stall

Polyline	
	Color
220	Number

SITE PLAN

S.No	Description	Layer
37	Plinth Step shall be drawn as Polyline in Color No. 27 and text shall be placed inside the Polyline in the same color.	FLOOR-GROUND or FLOOR-STILT

PLINTH STEP

Building
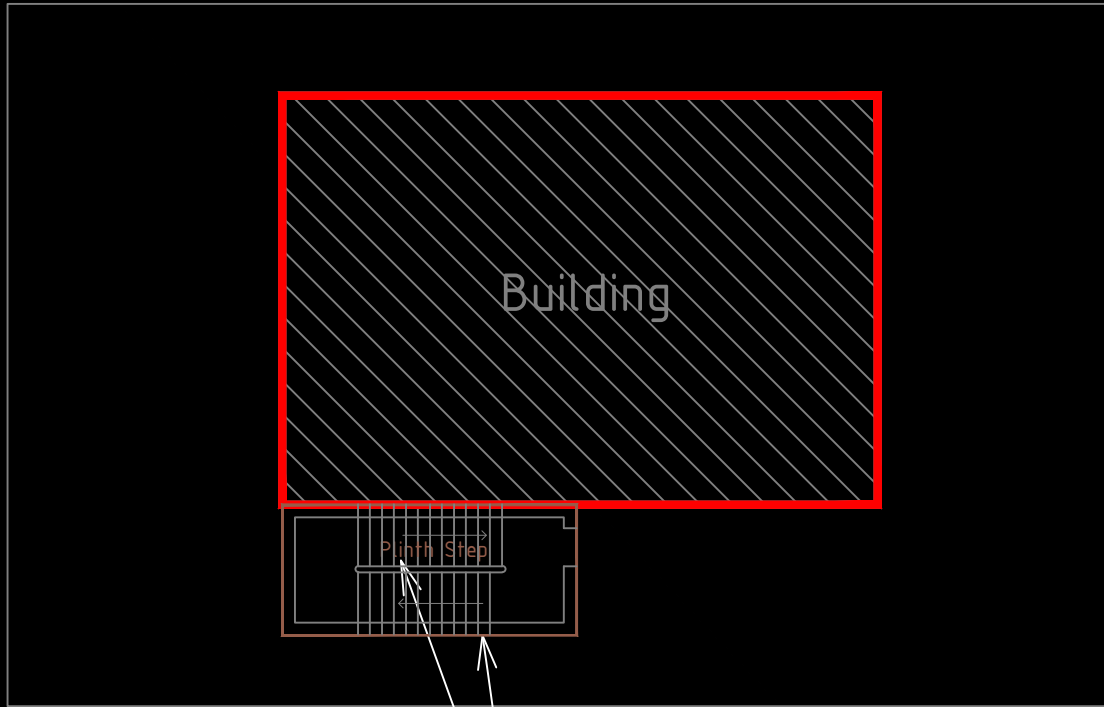
Plinth Step

Plinth Step

Polyline & Text	
	Color
27	Number

SITE PLAN

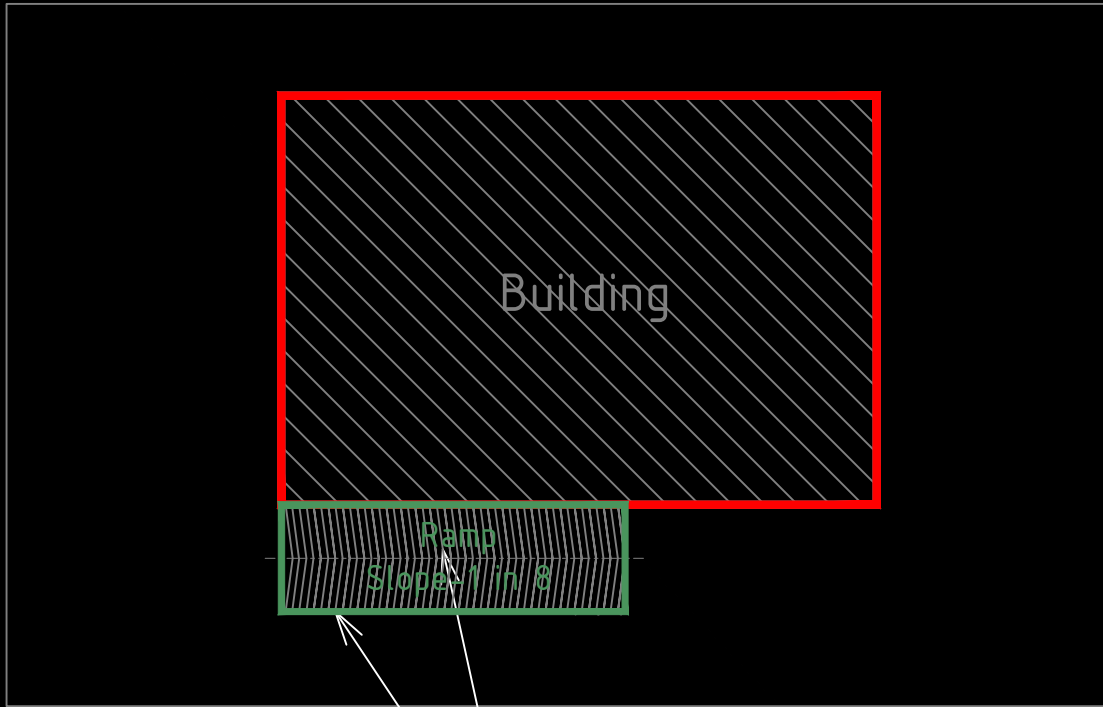| S.No	Description	Layer
38	Plinth Ramp shall be drawn as Polyline in Color No. 107 and text shall be placed inside the Polyline in the same color.	FLOOR-GROUND or FLOOR-STILT

PLINTH RAMP

Building

Ramp
Slope 1 in 8

Plinth Ramp

Polyline & Text	
	Color
107	Number

SITE PLAN

S.No	Description	Layer
39	Ramp shall be drawn as Open Polyline in Color No. 180	FLOOR-GROUND or FLOOR-STILT or Applicable Floor Layer

RAMP LENGTH

Building
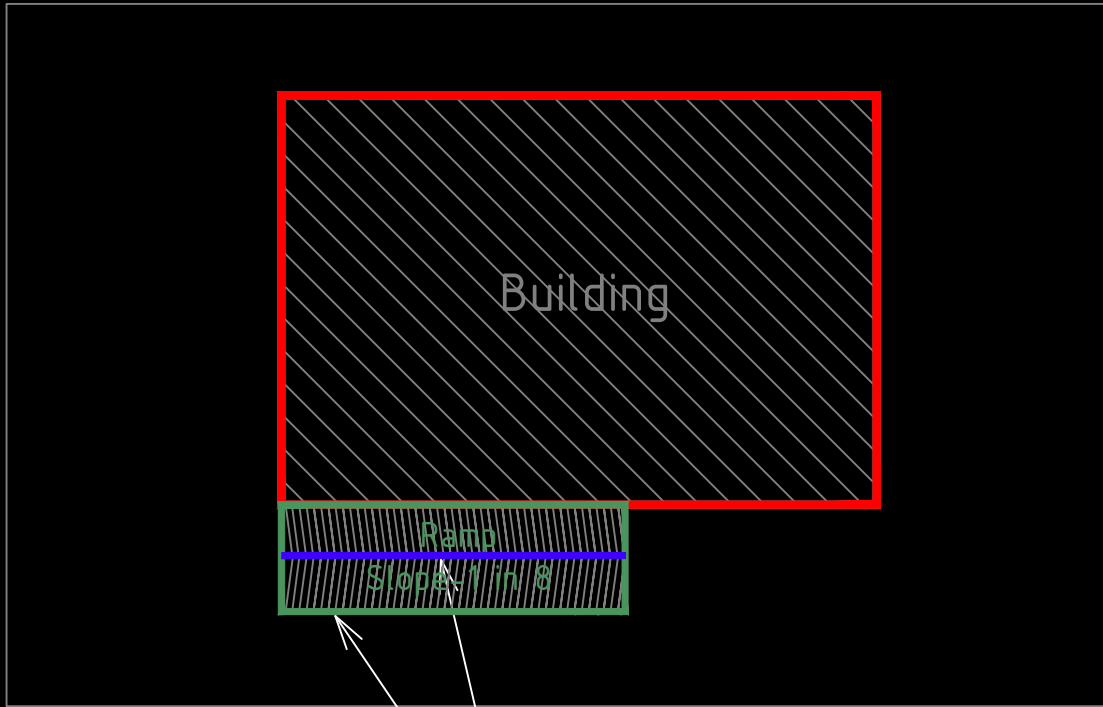
Ramp
Slope 1 in 8

Ramp Length

Open Polyline	
	Color
180	Number

SITE PLAN

S.No	Description	Layer
40	Total Height of the building shall be drawn as Line in Color No. 151.	FLOOR-GROUND or FLOOR-STILT

TOTAL HEIGHT OF THE BUILDING

Total Height Of The Building

Line	
Color	
Number	151

Water tank

Head Room

Living · Kitchen · Bedroom

Living · Kitchen · Bedroom

Living · Kitchen · Bedroom

Living · Kitchen · Bedroom

Living · Kitchen · Bedroom

10.00

GL

GL

SECTION

Top of External Drain
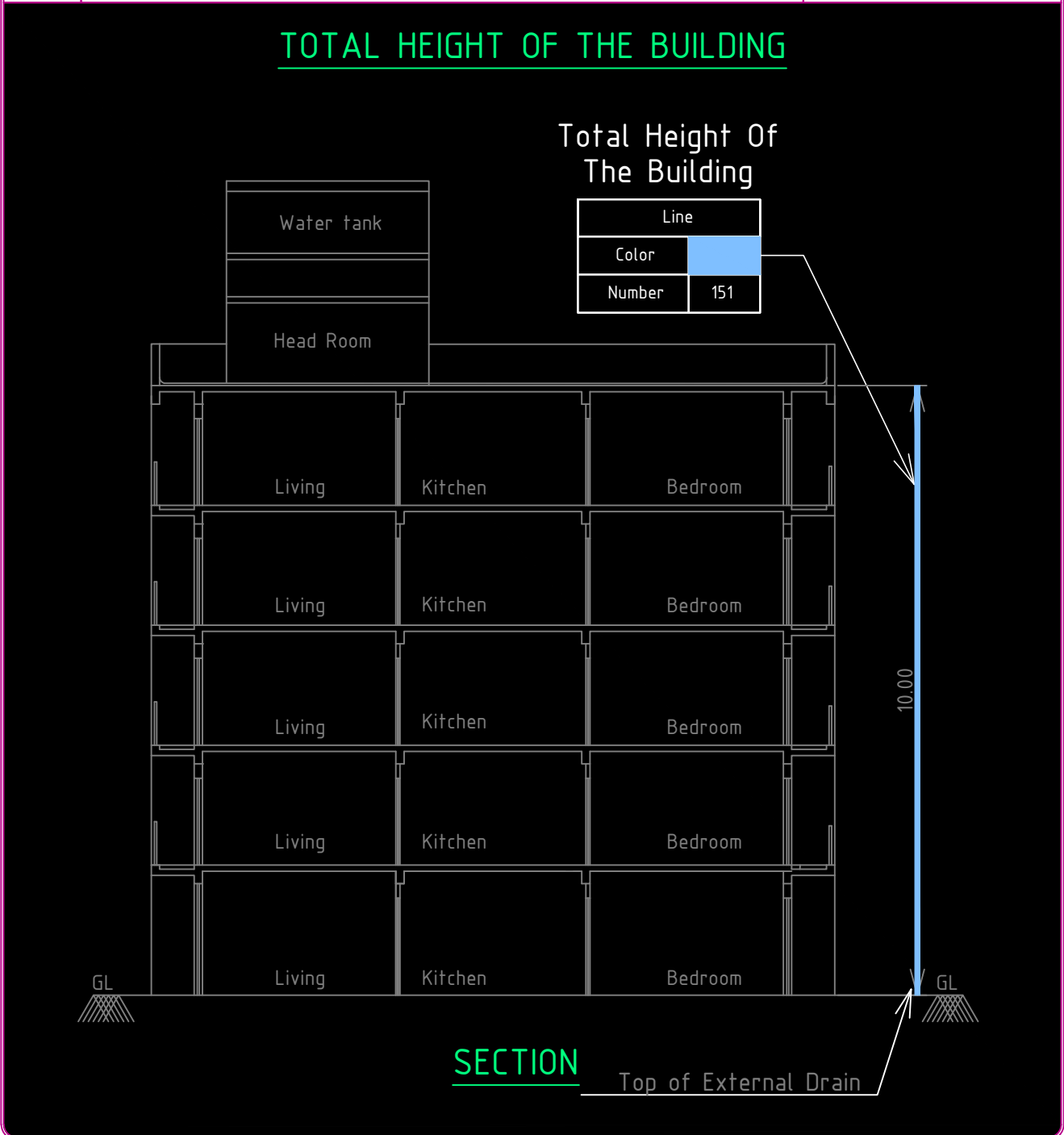
S.No	Description	Layer
41	Plinth height shall be drawn as line in Color No. 105.	FLOOR-GROUND or FLOOR-STILT

PLINTH HEIGHT

Terrace Floor

Hall | Bedroom | Bedroom | Kitchen

Ground Floor

1.00

GL

GL
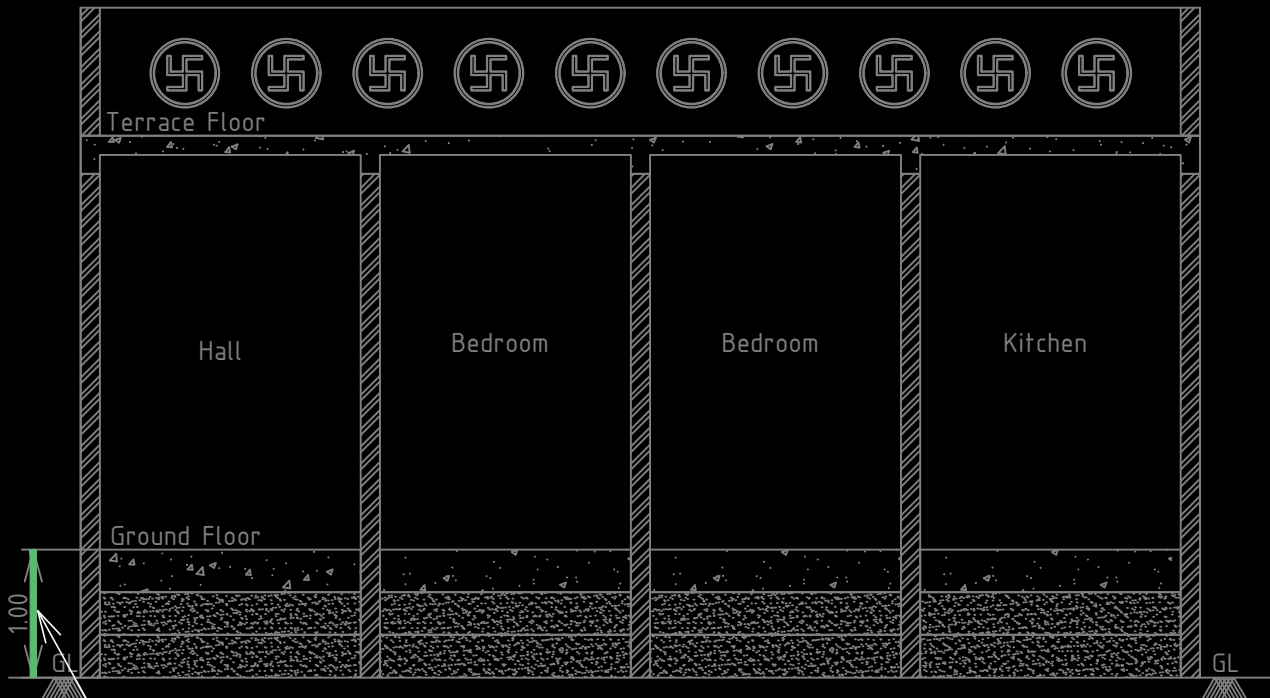
Plinth Height

	Line
	Color
105	Number

SECTION

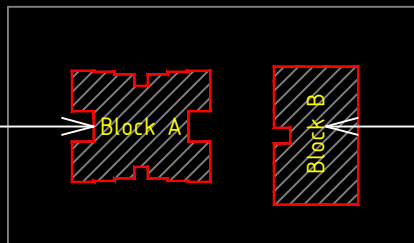| S.No	Description	Layer
42	Building blocks shall be distinguished from each other in case of Group Developments. Distinguishing of blocks shall be drawn by Polylines in Color No. 50 along with Block names as text in the same Color for identifying individual blocks present such as Block-A, Block-B. The individual floor plans shall be drawn completely within Color No. 50 Polyline. In Site plan, Building Boundary polyline shall be drawn in Color No. 10 and Block name text shall be kept in Color No. 50 for Each block.	FLOOR-GROUND or FLOOR-STILT

BLOCK DISTINGUISHERS

Building Boundary

Polyline	
Color	(red)
Number	10

Block Name

	Text
(yellow)	Color
50	Number

Block A

Block Distinguishers

Polyline & Text	
Color	(yellow)
Number	50
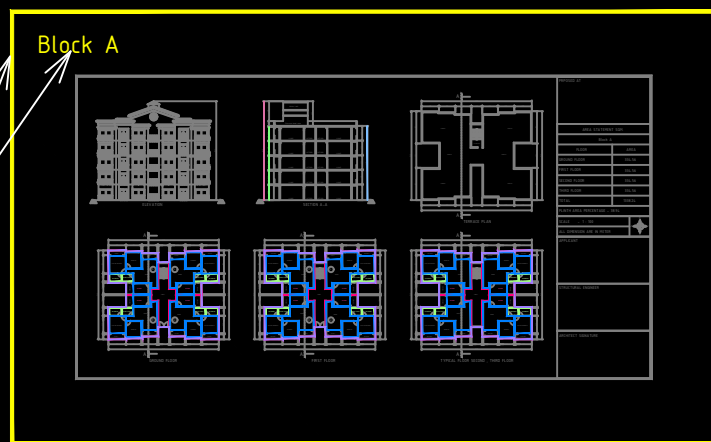
Block B

Block Distinguishers

Polyline & Text	
Color	(yellow)
Number	50

S.No	Description	Layer
43	If the Blocks are similar to Each other, then Block typical text to be kept in color no. 50. Example : If Block A , Block B – Typical	FLOOR-GROUND or FLOOR-STILT

TYPICAL BLOCK DISTINGUISHERS
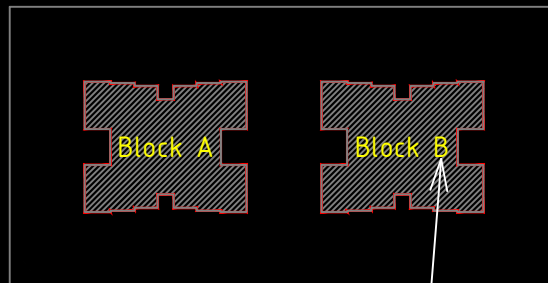
Block A   Block B

Typical Block

Text		
	Color	
50	Number	50

Block A, Block B-TYPICAL
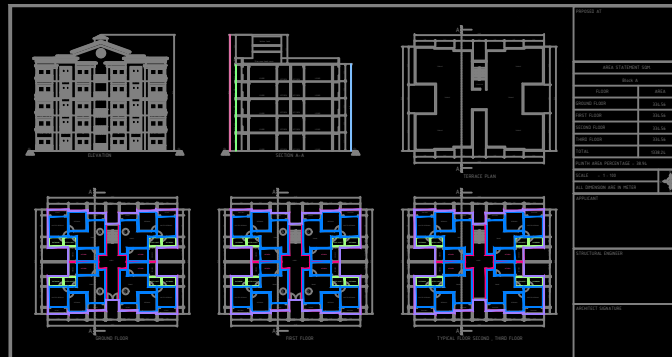
S.No	Description	Layer
44	Bounding Section Rectangle shall be drawn as Polyline in Color No. 141 and text shall be placed in the same Color.	FLOOR-GROUND or FLOOR-STILT

BOUNDING SECTION

Water tank		
Head Room		
Bedroom	Kitchen	Living
Bedroom	Kitchen	Living
Bedroom	Kitchen	Living
Bedroom	Kitchen	Living
Bedroom	Kitchen	Living
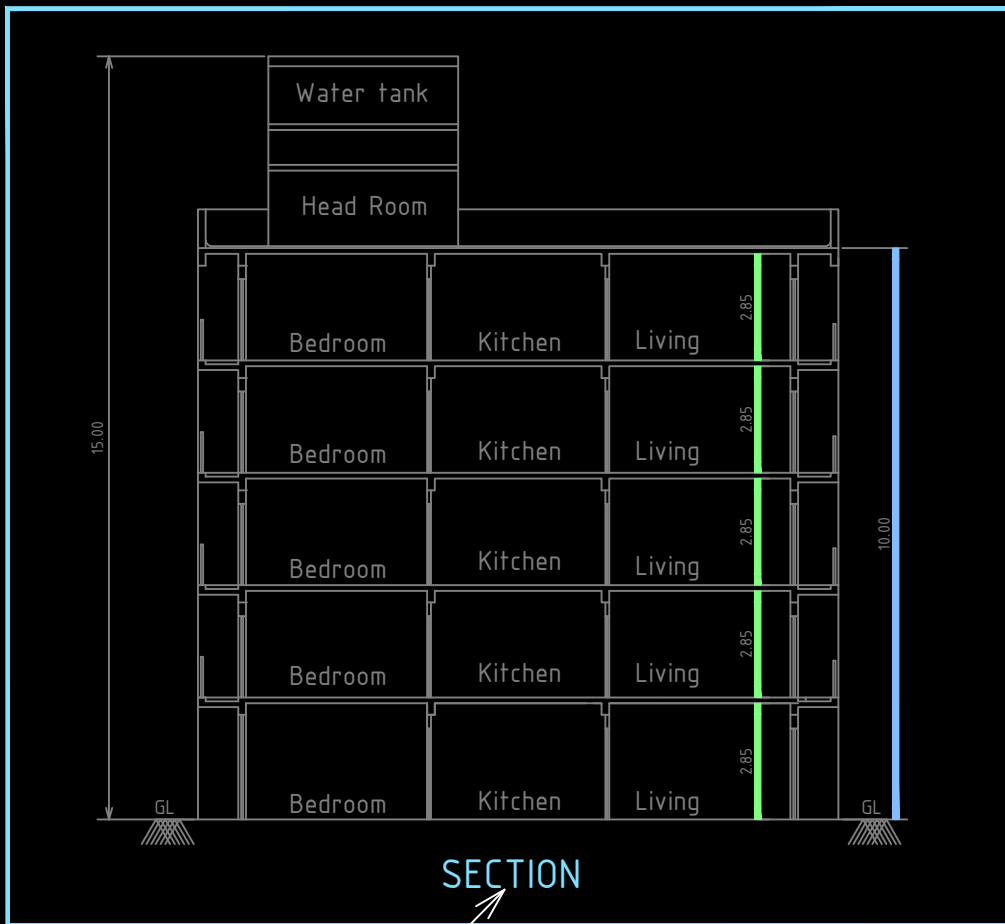
SECTION

Bounding Section

Polyline And Text	
Color	
Number	141

SECTION

S.No	Description	Layer
45	Bounding Elevation Rectangle shall be drawn as Polyline in Color No. 141 and text shall be placed in the same Color.	FLOOR-GROUND or FLOOR-STILT

BOUNDING ELEVATION

ELEVATION

Bounding Elevation

Polyline And Text	
Color	
Number	141

ELEVATION

S.No	Description	Layer
46	Key Plan boundary shall be drawn as Polyline in Color No. 193 and text shall be placed inside the Polyline in the same Color. Key Plan Site shall be drawn as Polyline in Color No. 70 and text shall be placed inside the Polyline in the same Color.	FLOOR-GROUND or FLOOR-STILT

KEY PLAN BOUNDARY & KEY PLAN SITE

Key Plan Site

Polyline & Text	
	Color
70	Number

162   165

166

163   164

KEYPLAN

Key Plan Boundary

Polyline & Text	
Color	
Number	193

S.No	Description	Layer
47	Outermost Plotting Boundary shall be drawn as polyline in Color No 61 and Lower Left corner should be in 0,0 as shown below. Entire drawing containing Floor plan, Section, Elevation Etc. should be kept inside the Color 61 Polyline. If there are any objects found outside plotting boundary, drawing will be Marked as error by the Precheck software.	FLOOR-GROUND or FLOOR-STILT

OUTERMOST PLOTTING BOUNDARY

Bounding Rectangle

Polyline	
Color	
Number	61
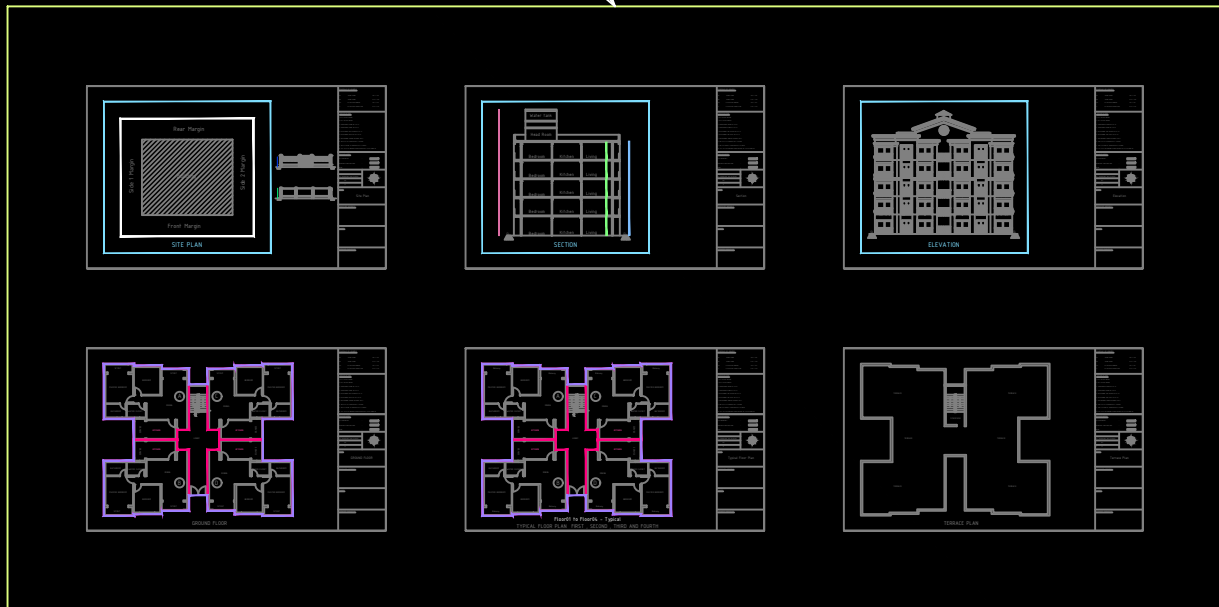
The lower left corner of the Plotting boundary to be kept in 0,0 co-ordinates.

S.No	Description	Layer
48	Buttresses shall be drawn as Polyline in Color No. 55 outside the FAR Color Polyline.	FLOOR-GROUND

BUTTRESSES PROJECTION

D

Detail – D

Outer Wall
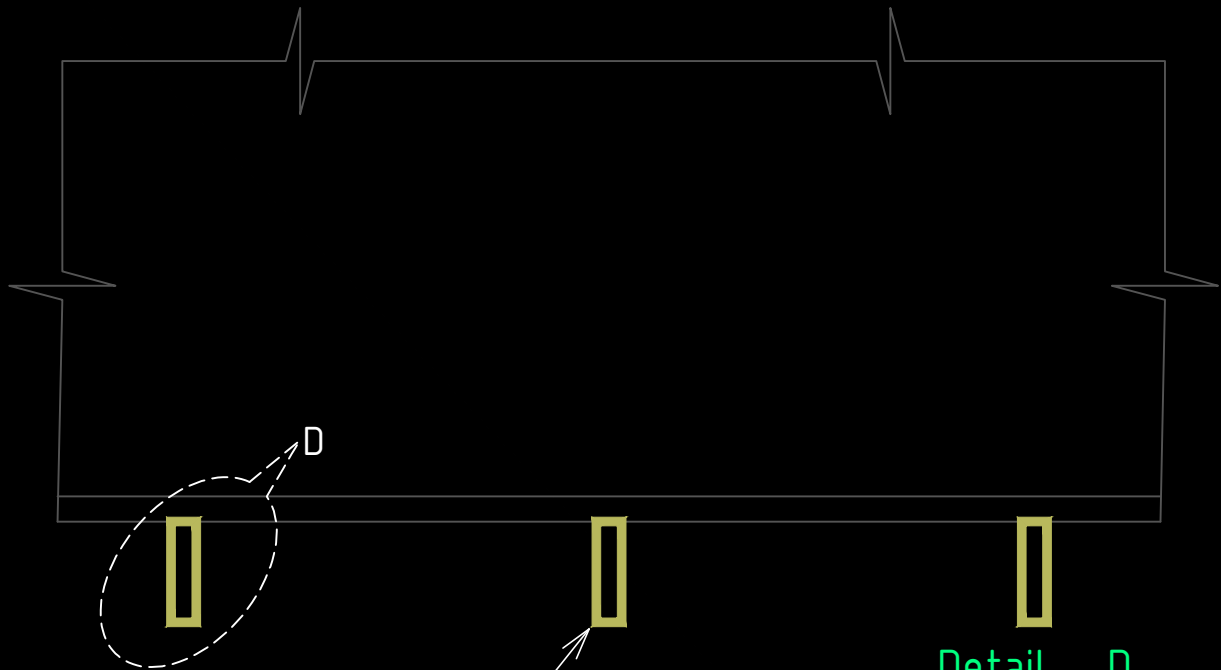
Buttresses

Buttresses

Polyline	
Color	
Number	55

Gl.
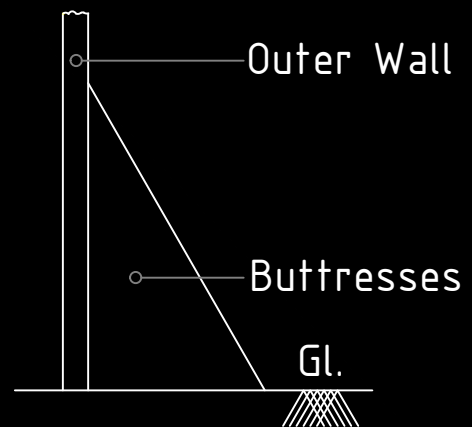
FLOOR PLAN

S.No	Description	Layer
49	Rain Water Harvesting Trench area shall be drawn as Polyline in Color No. 42.	FLOOR-GROUND or FLOOR-STILT

RAIN WATER HARVESTING TRENCH

Building

Entry

Exit
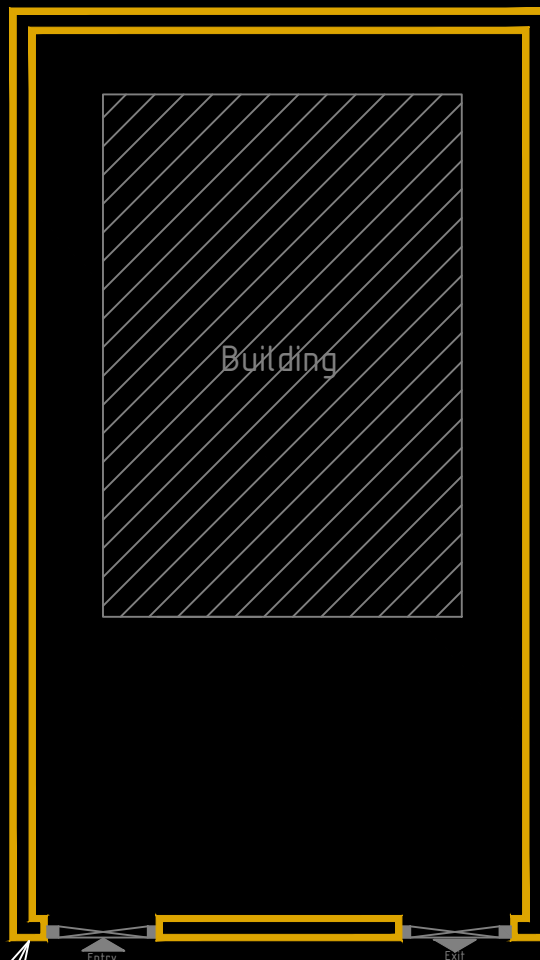
Rain Water
Harvesting Trench

Polyline	
Color	
Number	42

SITE PLAN

S.No	Description	Layer
50	Sewerage And Drainage lines Plot Width of Site Shall be drawn as Open Polyline in Color No 123.	FLOOR-GROUND or FLOOR-STILT 0

SEWERAGE AND DRAINAGE LINES

Proposed Building
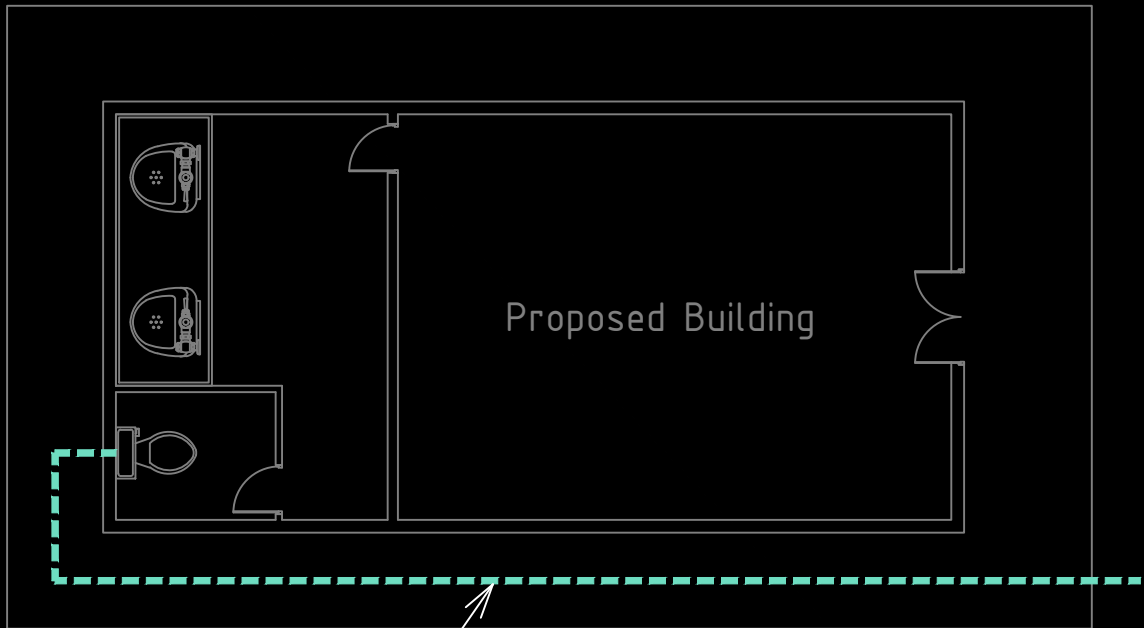
Sewerage And
Drainage lines

Open Polyline	
Color	
Number	123

SITE PLAN

S.No	Description	Layer
51	Water Supply lines Plot Width of Site Shall be drawn as Open Polyline in Color No 126.	FLOOR-GROUND or FLOOR-STILT

WATER SUPPLY LINES

Water Supply lines

Open Polyline	
	Color
126	Number

Proposed Building

SITE PLAN
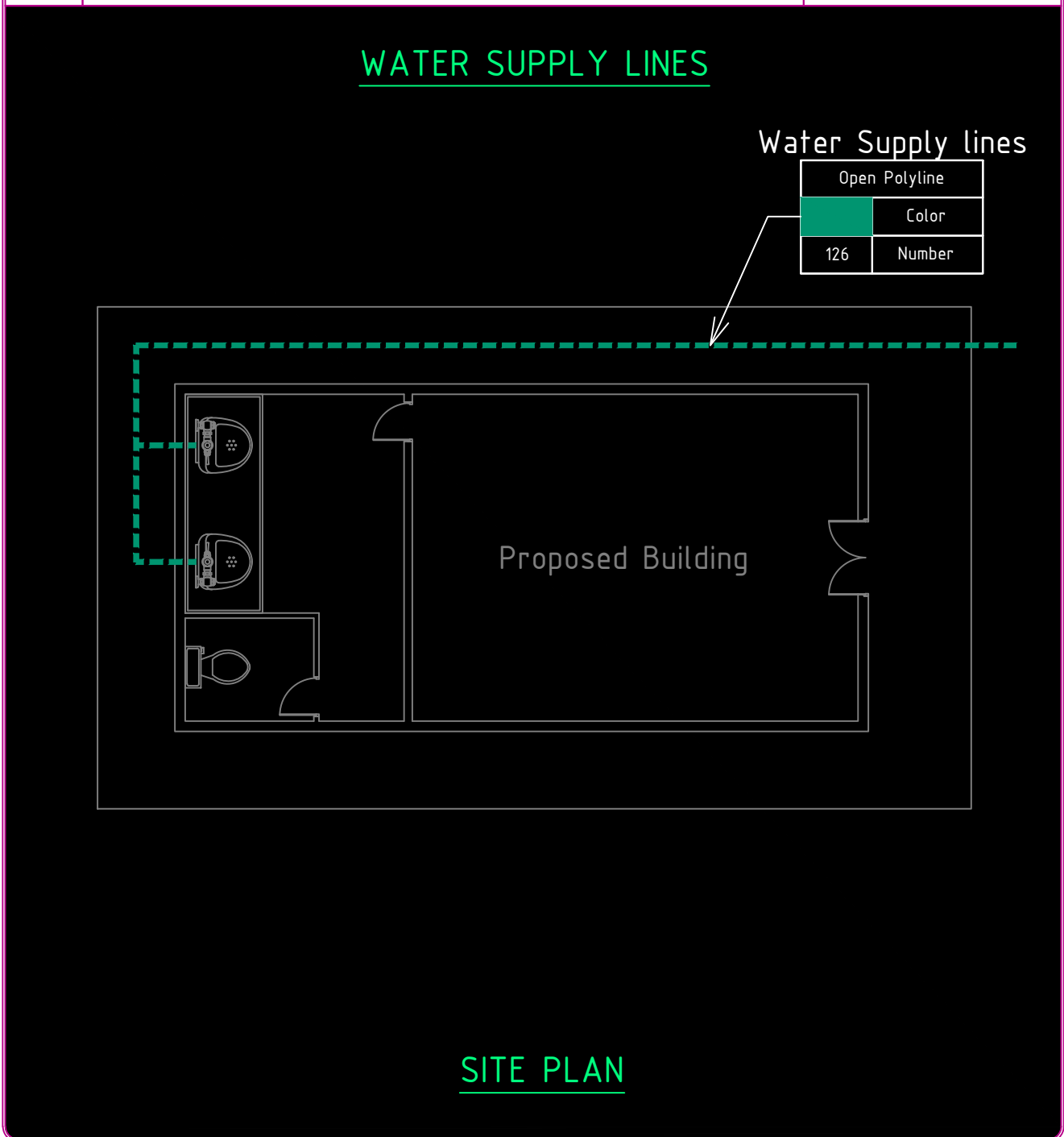
S.No	Description	Layer
52	Group Housing Shop shall be drawn as Polyline in Color No. 181 and text shall be kept in the same Color and need to be drawn inside Plot Boundary. Height of the Watch Tower shall be placed inside the Color 181 Polyline as shown below in the same color.	FLOOR-GROUND or FLOOR-STILT

S.No	Description	Layer
53	Group Housing Kiosk shall be drawn as Polyline in Color No. 181 and text shall be kept in the same Color and need to be drawn inside Plot Boundary. Height of the Watch Tower shall be placed inside the Color 181 Polyline as shown below in the same color.	FLOOR-GROUND or FLOOR-STILT

GROUP HOUSING KIOSK

Building

Kiosk
Height-4.00

Group Housing Kiosk

Polyline & Text	
Color	
Number	181

SITE PLAN

S.No	Description	Layer
54	Open Drain shall be drawn as Polyline in Color No. 112 and text shall be kept in the same Color and need to be drawn inside Plot Boundary. Height of the Watch Tower shall be placed inside the Color 112 Polyline as shown below in the same color.	FLOOR-GROUND or FLOOR-STILT

OPEN DRAIN

Building

Open Drain
Height - 0.35

Open Drain

Polyline & Text	
Color	
Number	112

SITE PLAN

S.No	Description	Layer
55	Covered Pipe Drain shall be drawn as Polyline in Color No. 112 and text shall be kept in the same Color and need to be drawn inside Plot Boundary. Height of the Watch Tower shall be placed inside the Color 112 Polyline as shown below in the same color.	FLOOR-GROUND or FLOOR-STILT

COVERED PIPE DRAIN
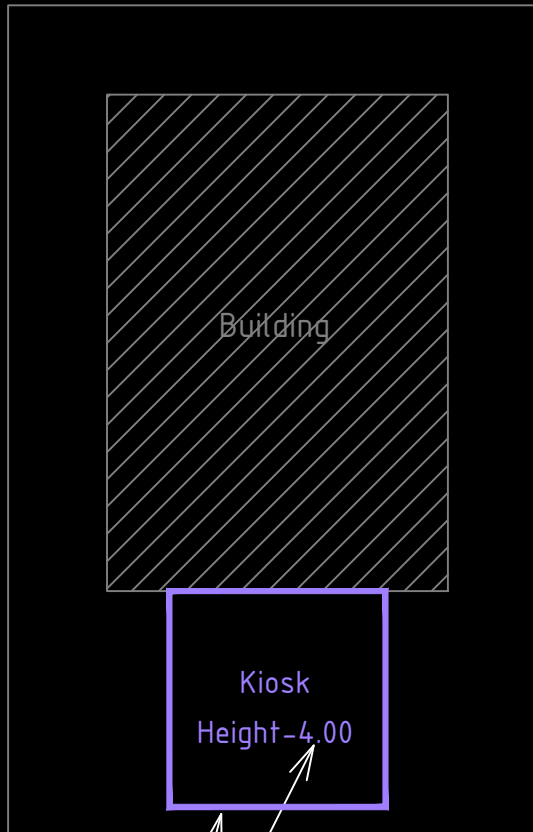
Building

Covered Pipe Drain

Height - 0.35

Covered Pipe Drain

Polyline & Text	
Color	
Number	112

SITE PLAN

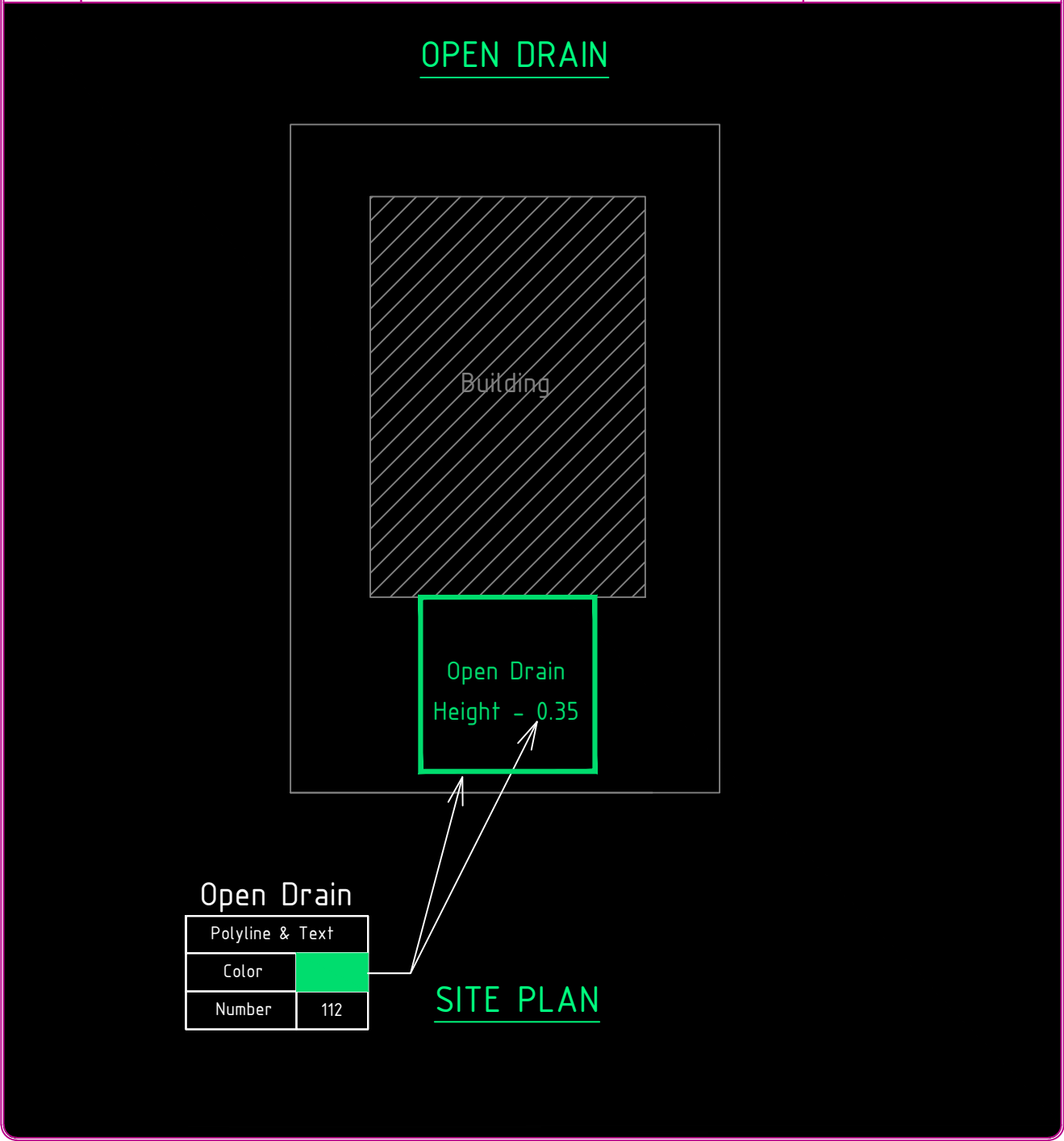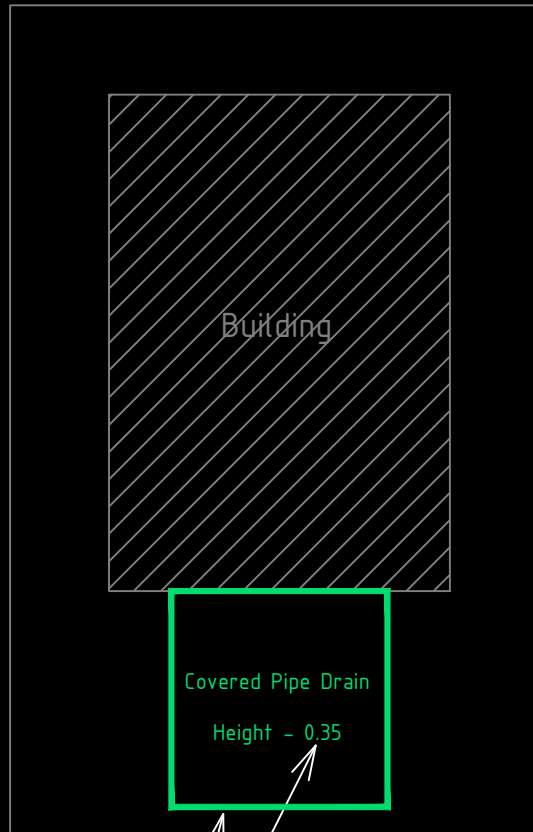| S.No	Description	Layer
56	Covered Drainshall be drawn as Polyline in Color No. 112 and text shall be kept in the same Color and need to be drawn inside Plot Boundary. Height of the Watch Tower shall be placed inside the Color 112 Polyline as shown below in the same color.	FLOOR-GROUND or FLOOR-STILT

COVERED DRAIN

Building

Covered Drain

Height - 0.35

Covered Drain

Polyline & Text	
Color	
Number	112

SITE PLAN
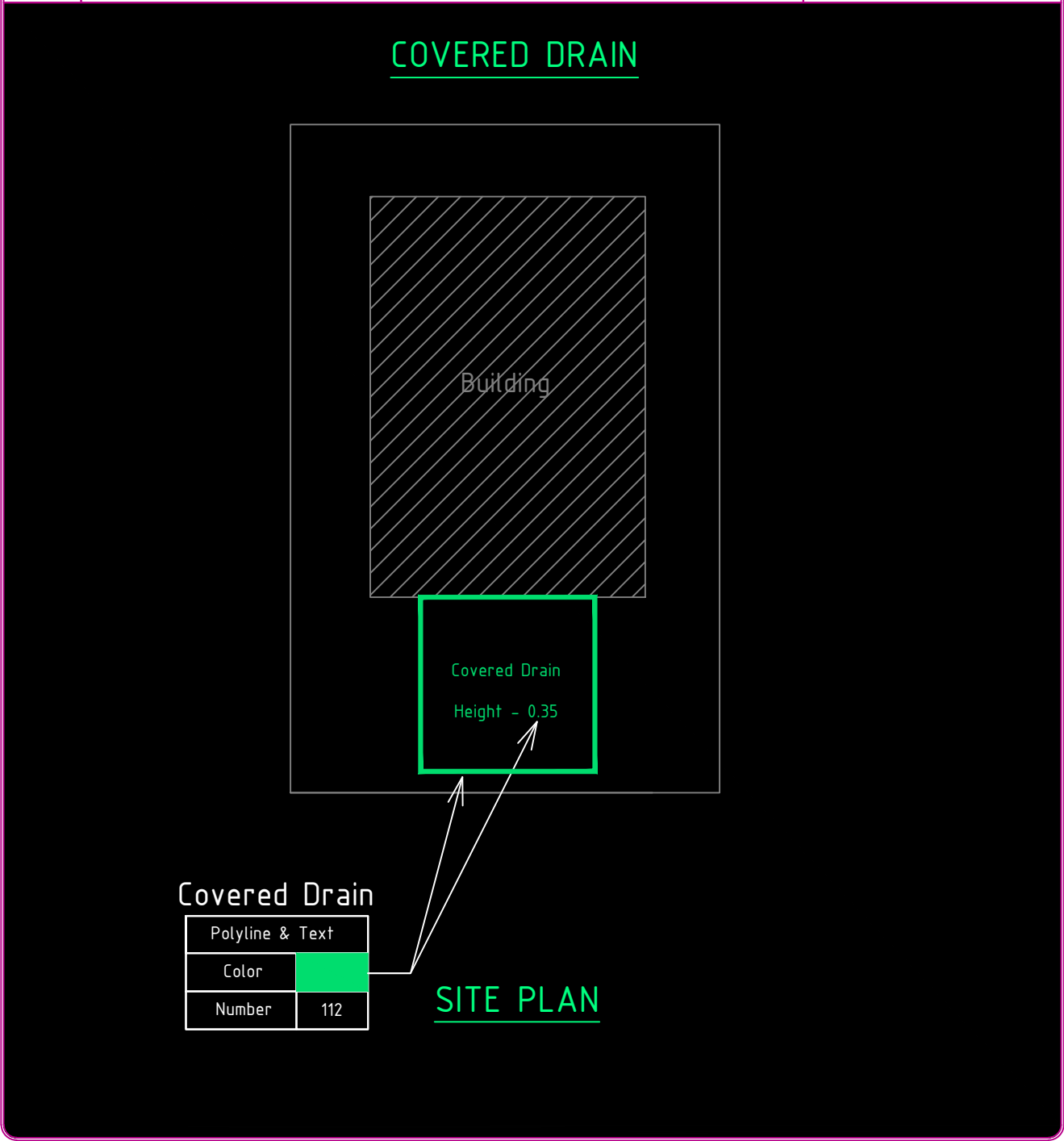
S.No	Description	Layer
57	Stilt Floor Boundary shall be drawn as Polyline in Color No. 5.	FLOOR-STILT

STILT FLOOR BOUNDARY

Stilt Parking

Stilt Floor
Boundary

Polyline	
Color	
Number	5

STILT FLOOR

S.No	Description	Layer
58	Stilt Floor height taken from the bottom of the stilt floor to the bottom of the roof beam. It shall be drawn as line in Color No. 21.	FLOOR-STILT

STILT FLOOR BOTTOM OF THE BEAM

| Bedroom | Hall | Hall | Kitchen |

| Parking | Parking | Parking | Parking |

2.50

GL

GL
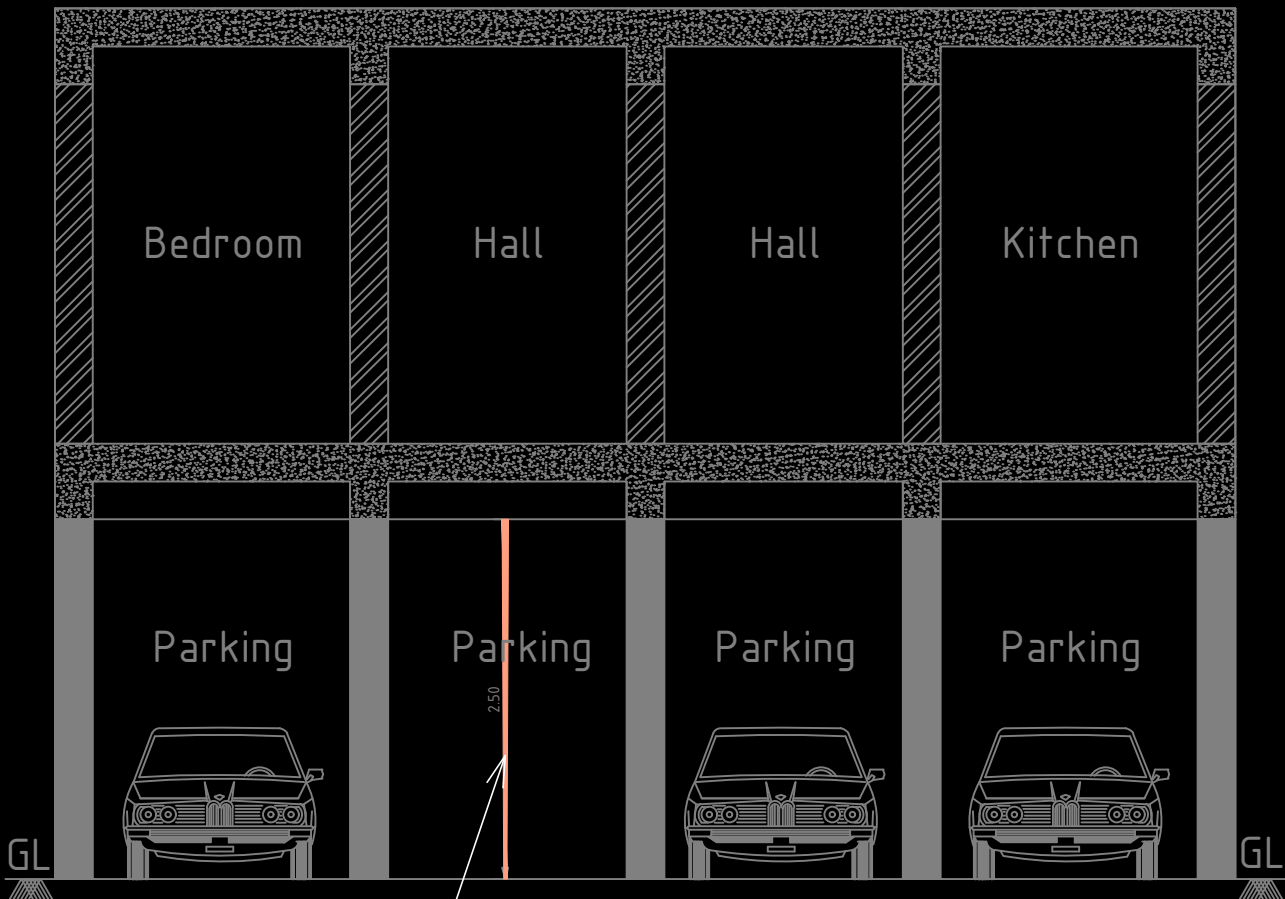
Stilt Floor Height
Bottom of the Beam

Line	
Color	
Number	21

SECTION

S.No	Description	Layer
59	Stilt Floor Height shall be drawn as line in Color No. 91.	FLOOR-STILT

STILT FLOOR HEIGHT

	Bedroom	Hall	Hall	Kitchen
	Parking	Parking	Parking	Parking

2.50

GL

GL

Stilt Floor Height

Line	
Color	
Number	91

SECTION

S.No	Description	Layer
60	Basement Boundary shall be drawn as Polyline in Color No. 32. Note: It should be kept only in the Site Plan.	FLOOR-BF1 or FLOOR-BF2

BASEMENT BOUNDARY

Basement
Boundary

Polyline	
Color	
Number	32

Rear Setback

Side 1 Setback

Side 2 Setback

Ramp In

Ramp Out

Front Setback
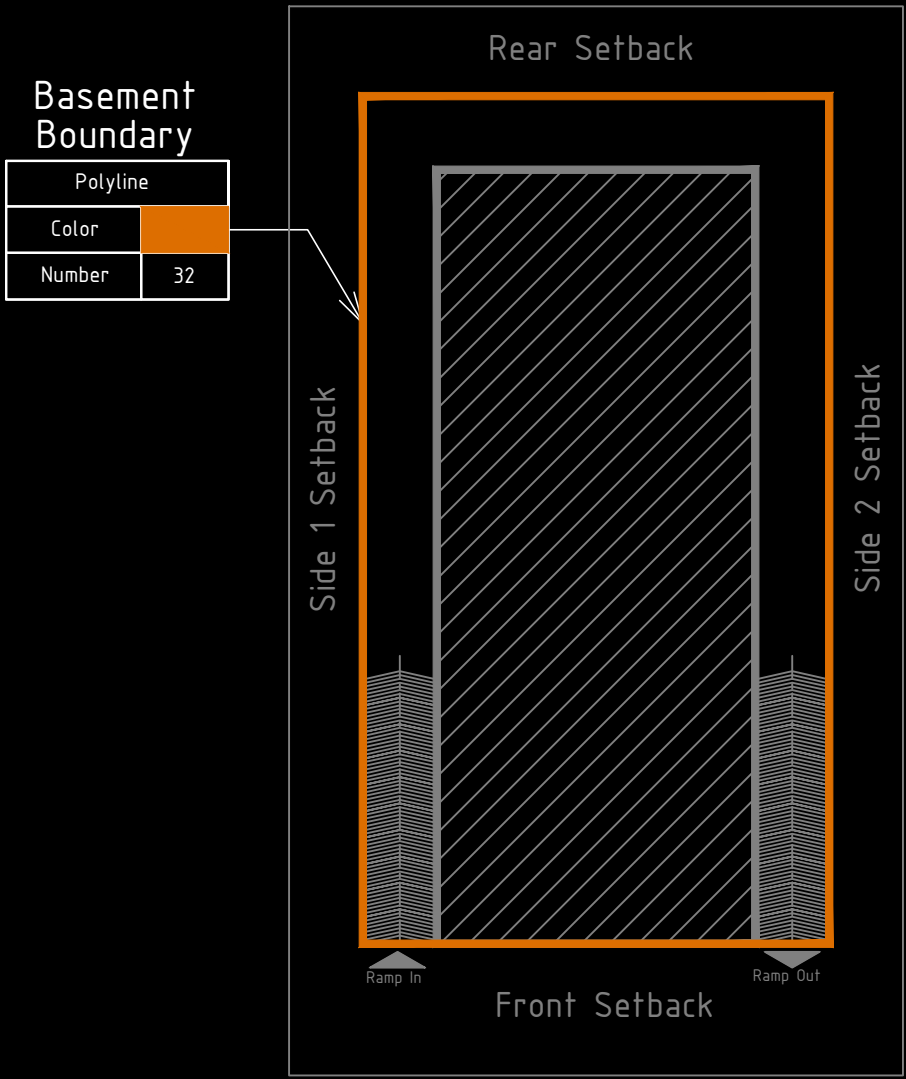
SITE PLAN

S.No	Description	Layer
61	Basement Floor Height at the Bottom of the beam shall be drawn as line in Color No. 21.	FLOOR-BF1 or FLOOR-BF2

BASEMENT FLOOR HEIGHT AT THE BOTTOM OF THE BEAM

Wc   Office   Wc

GL   GL

Bsement Floor

2.40
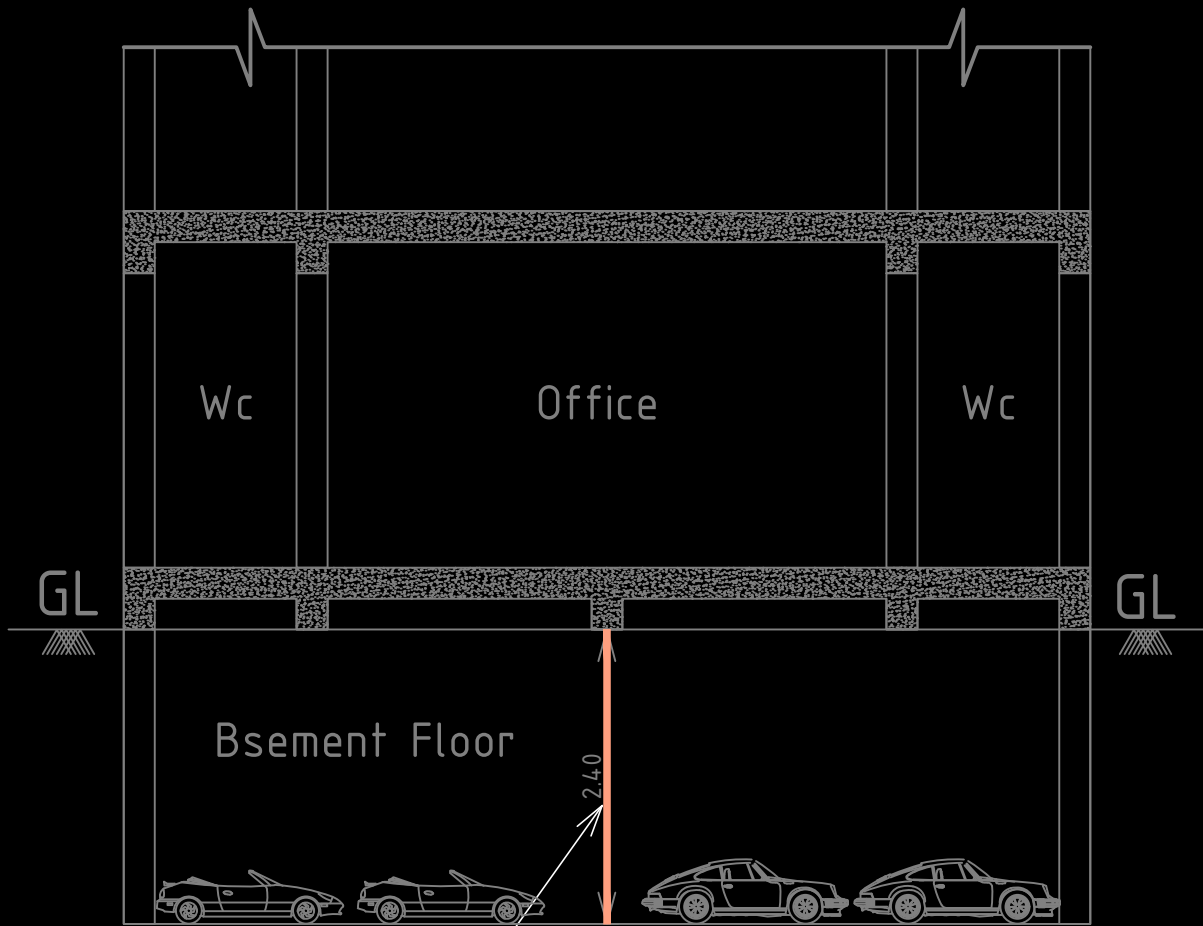
Basement Floor Height at Bottom of the Beam

Line	
Color	
Number	21

SECTION

S.No	Description	Layer
62	Basement Floor height shall be drawn as line in Color No. 91.	FLOOR-BF1 or FLOOR-BF2

BASEMENT FLOOR HEIGHT

Wc   Office   Wc

GL   GL

Basement Floor

2.40
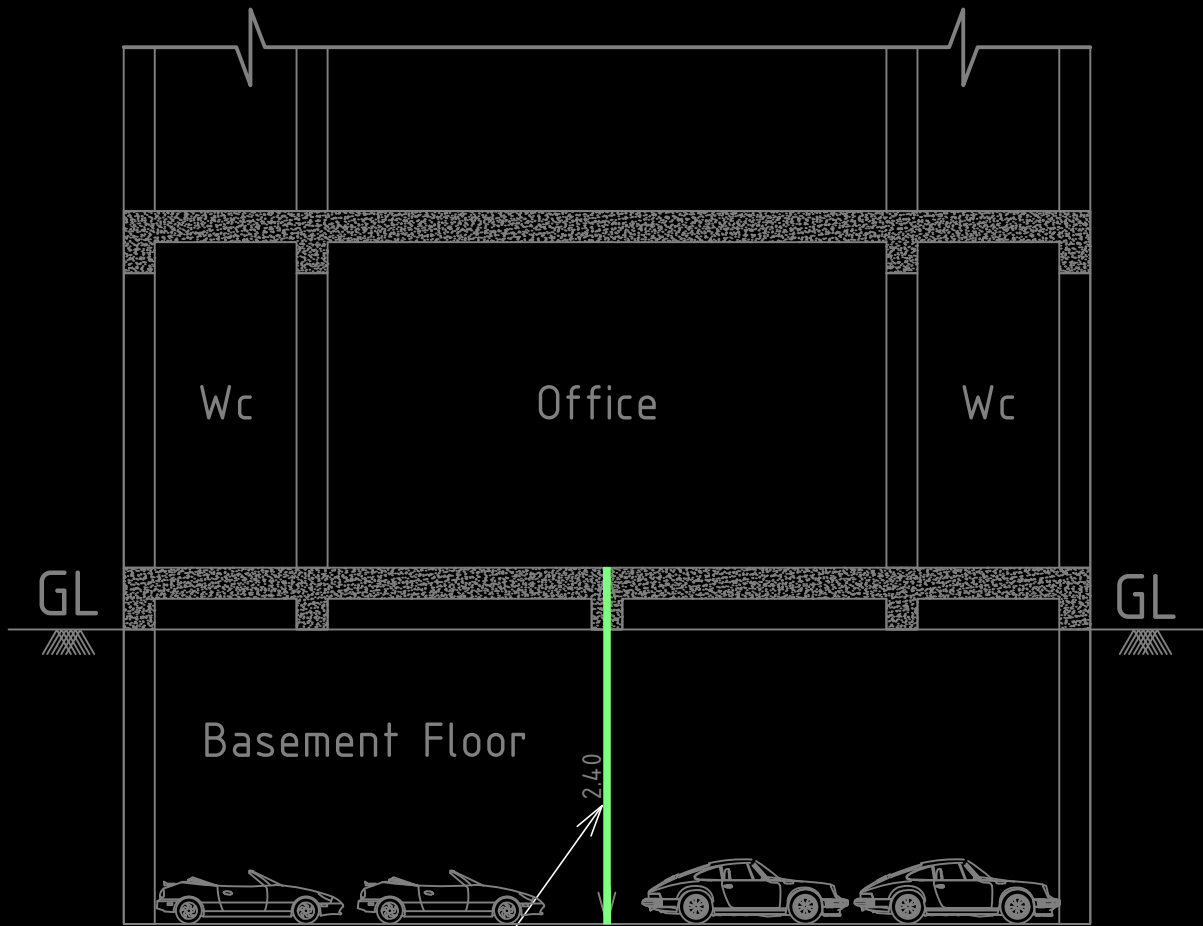
Basement Floor Height

Line	
Color	
Number	91

SECTION

S.No	Description	Layer
63	Basement height Above top Level shall be drawn as line in Color No. 105.	FLOOR-BF1 or FLOOR-BF2

BASEMENT HEIGHT ABOVE TOP LEVEL

Wc   Office   Wc

GL 0.90

Basement Floor

GL
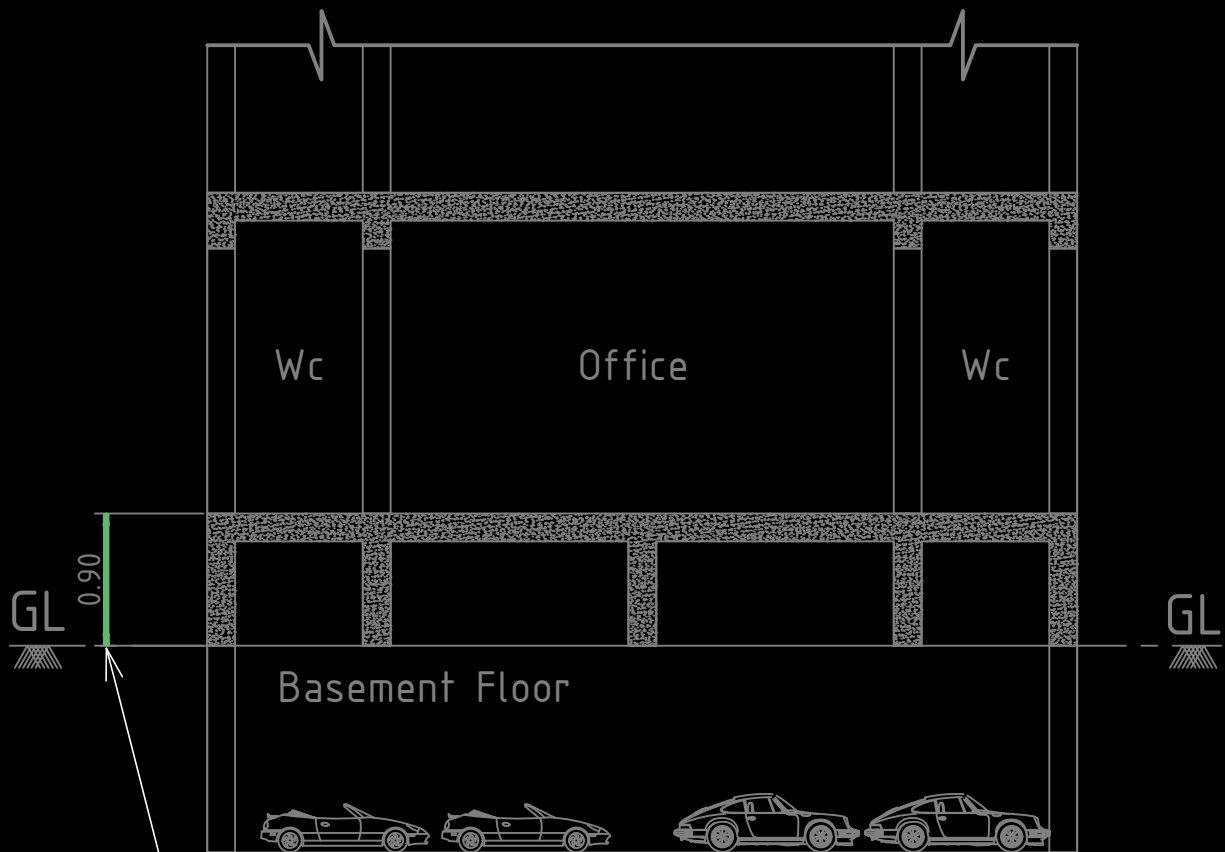
Basement Height
Above Top Level

	Line
	Color
105	Number

SECTION

S.No	Description	Layer
64	Basement Parking area shall be drawn as Polyline in Color No. 5.	FLOOR-BF1 or FLOOR-BF2

BASEMENT PARKING

Ramp Out

Basement Parking

Ramp In

Basement Parking

Polyline	
Color	
Number	5
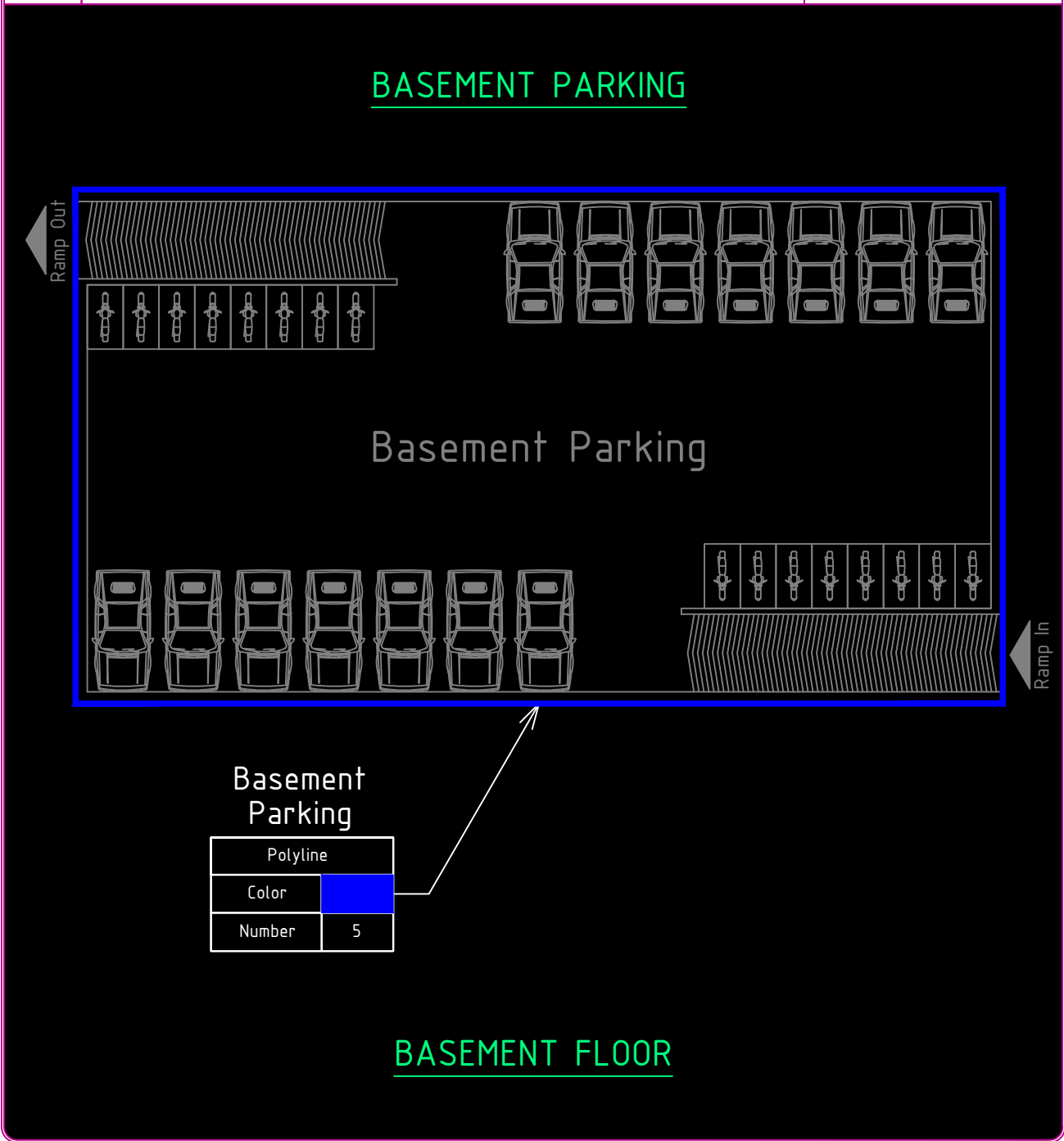
BASEMENT FLOOR

S.No	Description	Layer
65	Basement Storage shall be drawn as Polyline in Color No. 4 and text shall be placed inside the Polyline in the same Color.	FLOOR-BF1 or FLOOR-BF2

BASEMENT STORAGE

Basement Floor

Storage

Basement Storage

Polyline & Text	
	Color
4	Number
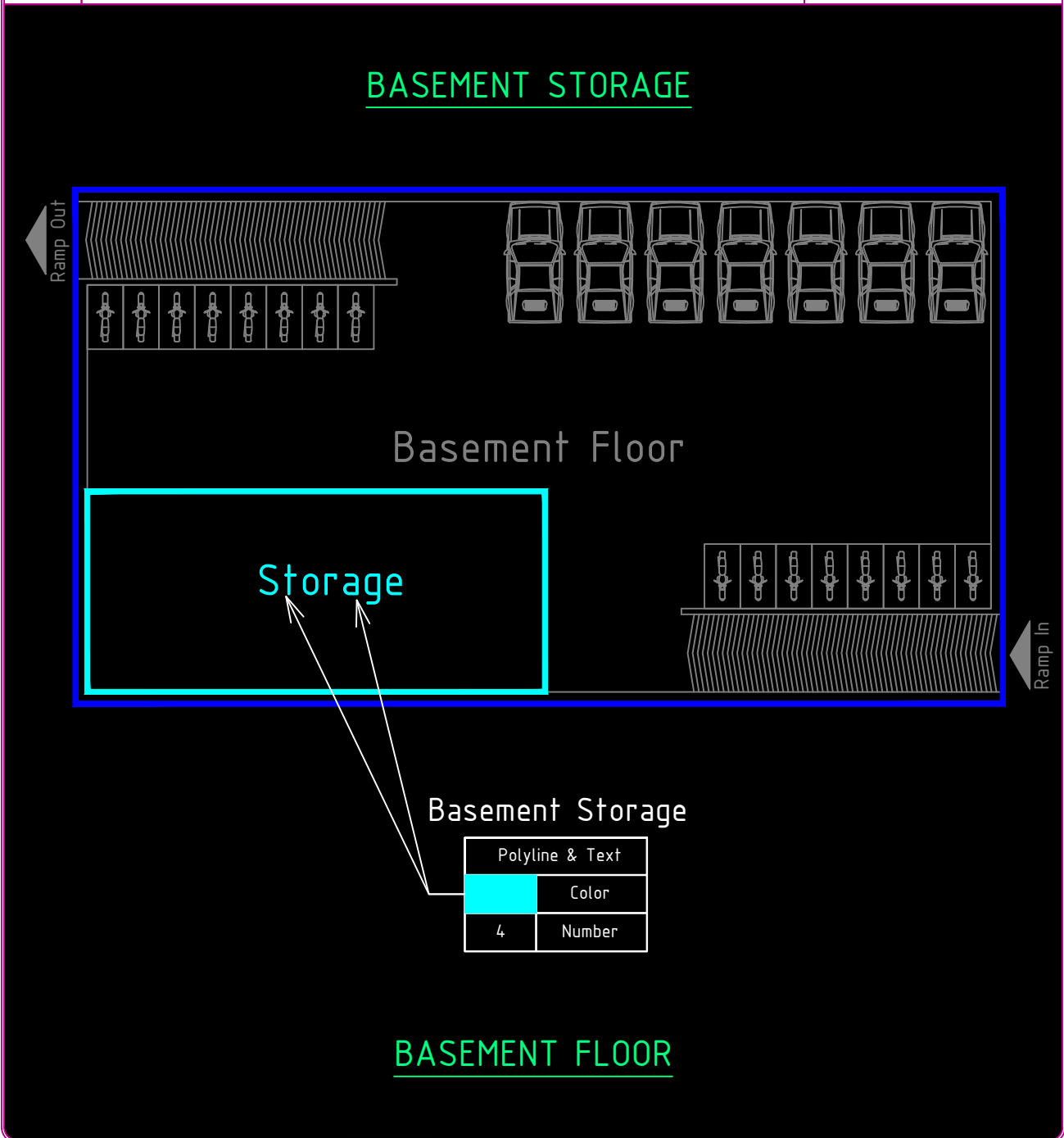
BASEMENT FLOOR

S.No	Description	Layer
66	Basement Service shall be drawn as Polyline in Color No. 4 and text shall be placed inside the Polyline in the same Color.	FLOOR-BF1 or FLOOR-BF2

BASEMENT SERVICE

Basement Floor

Service

Basement Service

Polyline & Text	
	Color
4	Number

Ramp Out

Ramp In
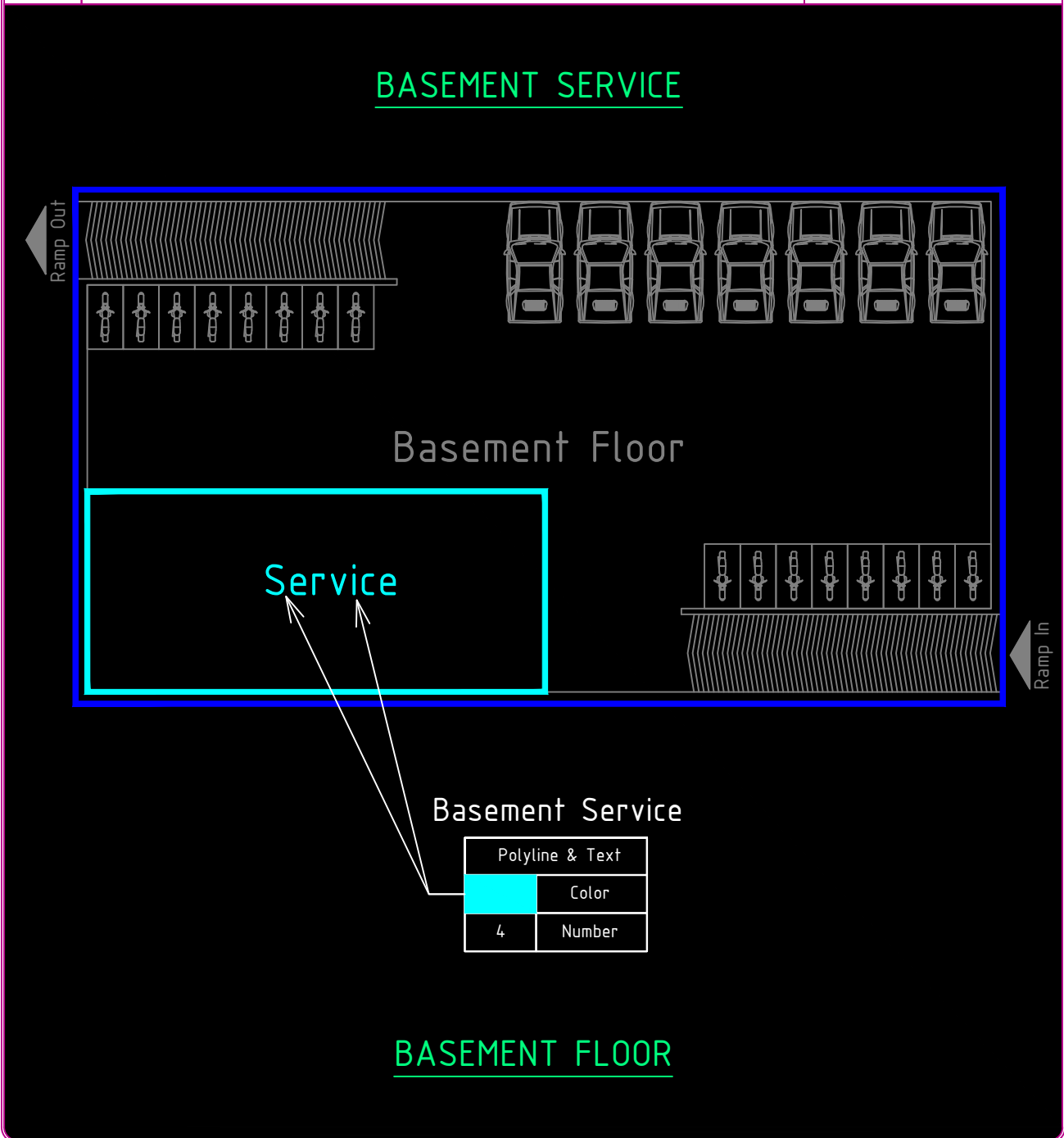
BASEMENT FLOOR

S.No	Description	Layer
67	Basement Electric Generator shall be drawn as Polyline in Color No. 4 and text shall be placed inside the Polyline in the same Color.	FLOOR-BF1 or FLOOR-BF2

BASEMENT ELECTRIC GENERATOR

Ramp Out

Basement Floor

Electric Generator

Ramp In
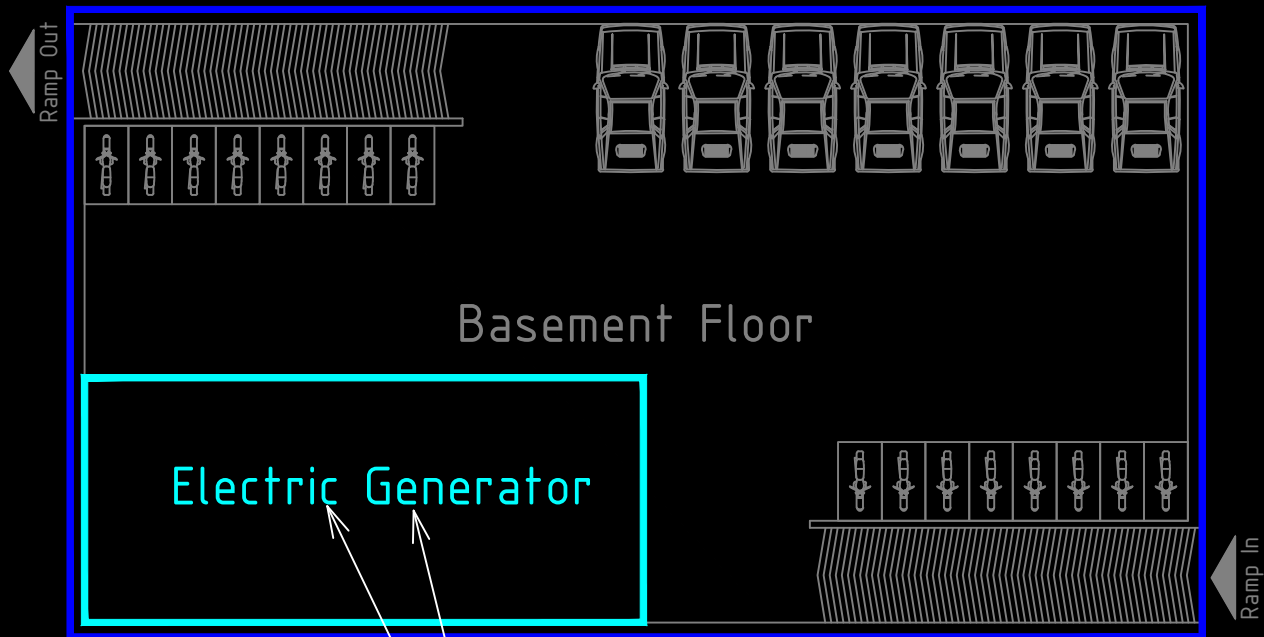
Basement
Electric Generator

Polyline & Text	
	Color
4	Number

BASEMENT FLOOR

S.No	Description	Layer
68	Basement Air Conditioner shall be drawn as Polyline in Color No. 4 and text shall be placed inside the Polyline in the same Color.	FLOOR-BF1 or FLOOR-BF2

BASEMENT AIRCONDITIONER

Ramp Out

Basement Floor

Air Conditioner

Ramp In

Basement
Air Conditioner

Polyline & Text	
	Color
4	Number

BASEMENT FLOOR

S.No	Description	Layer
69	Basement Fire Hydrant shall be drawn as Polyline in Color No. 4 and text shall be placed inside the Polyline in the same Color.	FLOOR-BF1 or FLOOR-BF2

BASEMENT FIRE HYDRANT
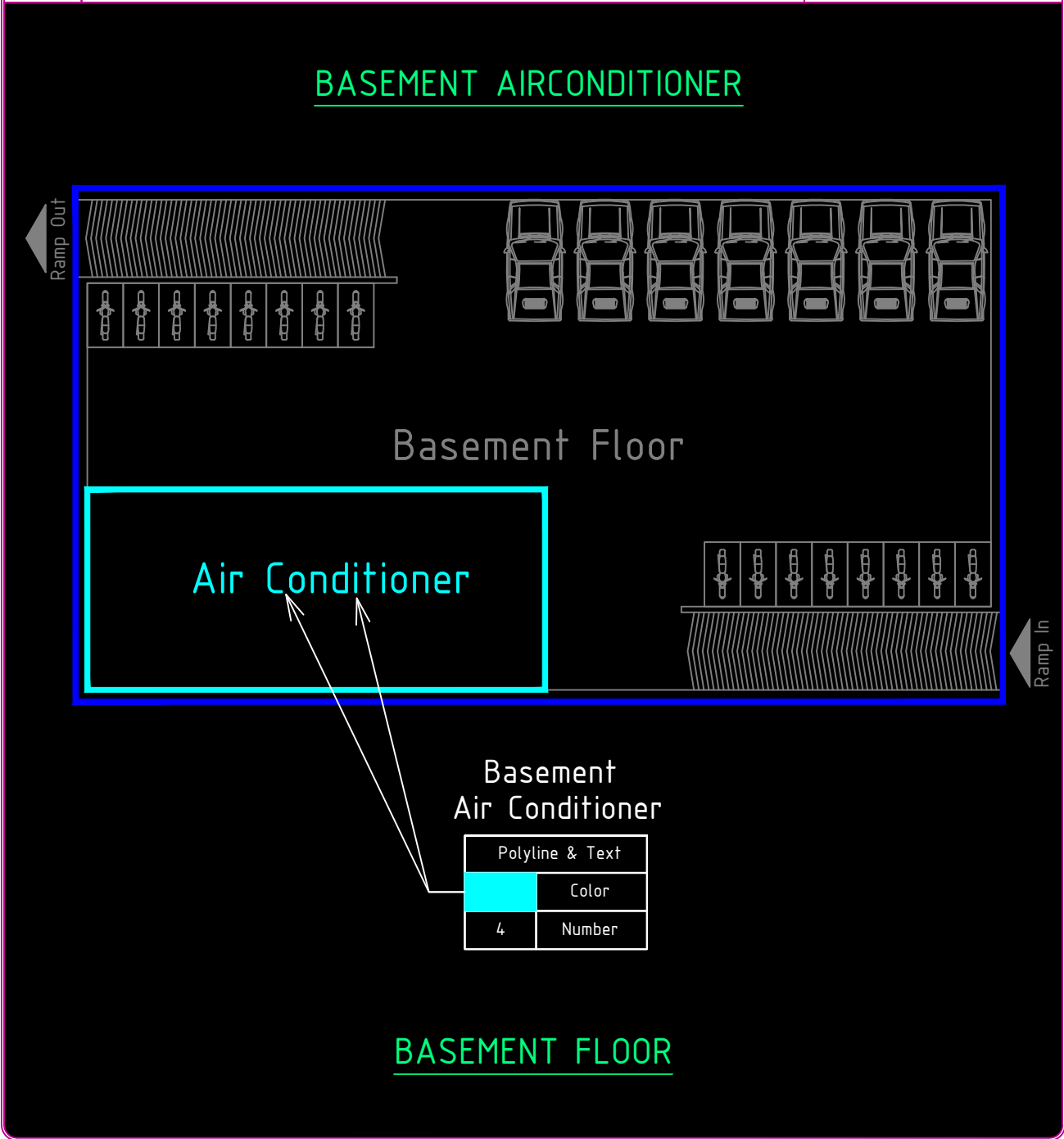
Ramp Out

Basement Floor

Fire Hydrant

Ramp In
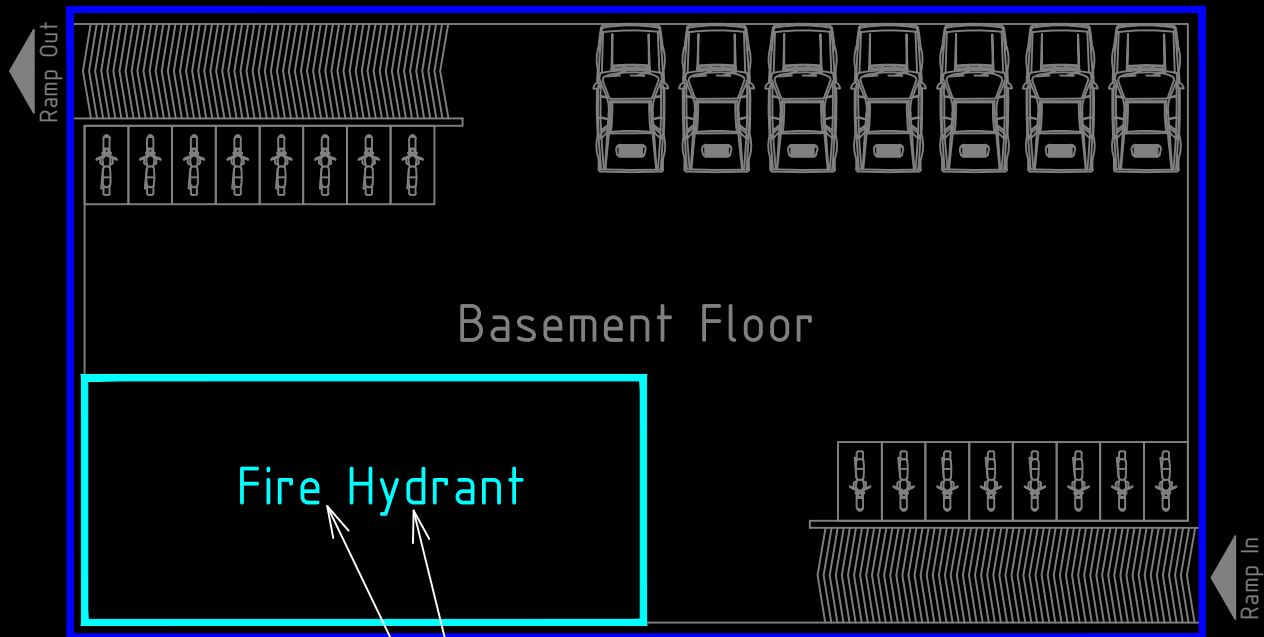
Basement
Fire Hydrant

Polyline & Text	
	Color
4	Number

BASEMENT FLOOR

S.No	Description	Layer
70	Podium Floor boundary shall be drawn as Polyline in Color No. 5.	FLOOR-PODIUM

PODIUM FLOOR BOUNDARY

Ramp In

Ramp Out

Podium Floor

Polyline	
Color	
Number	5

PODIUM FLOOR

S.No	Description	Layer
71	Parking Floor Height at the Bottom of the beam shall be drawn as line in Color No. 21.	FLOOR-PODIUM

PODIUM FLOOR HEIGHT AT THE BOTTOM OF THE BEAM

Parking Floor

2.40

GL

GL

Parking Floor Height at Bottom of the Beam

Line	
Color	
Number	21

SECTION
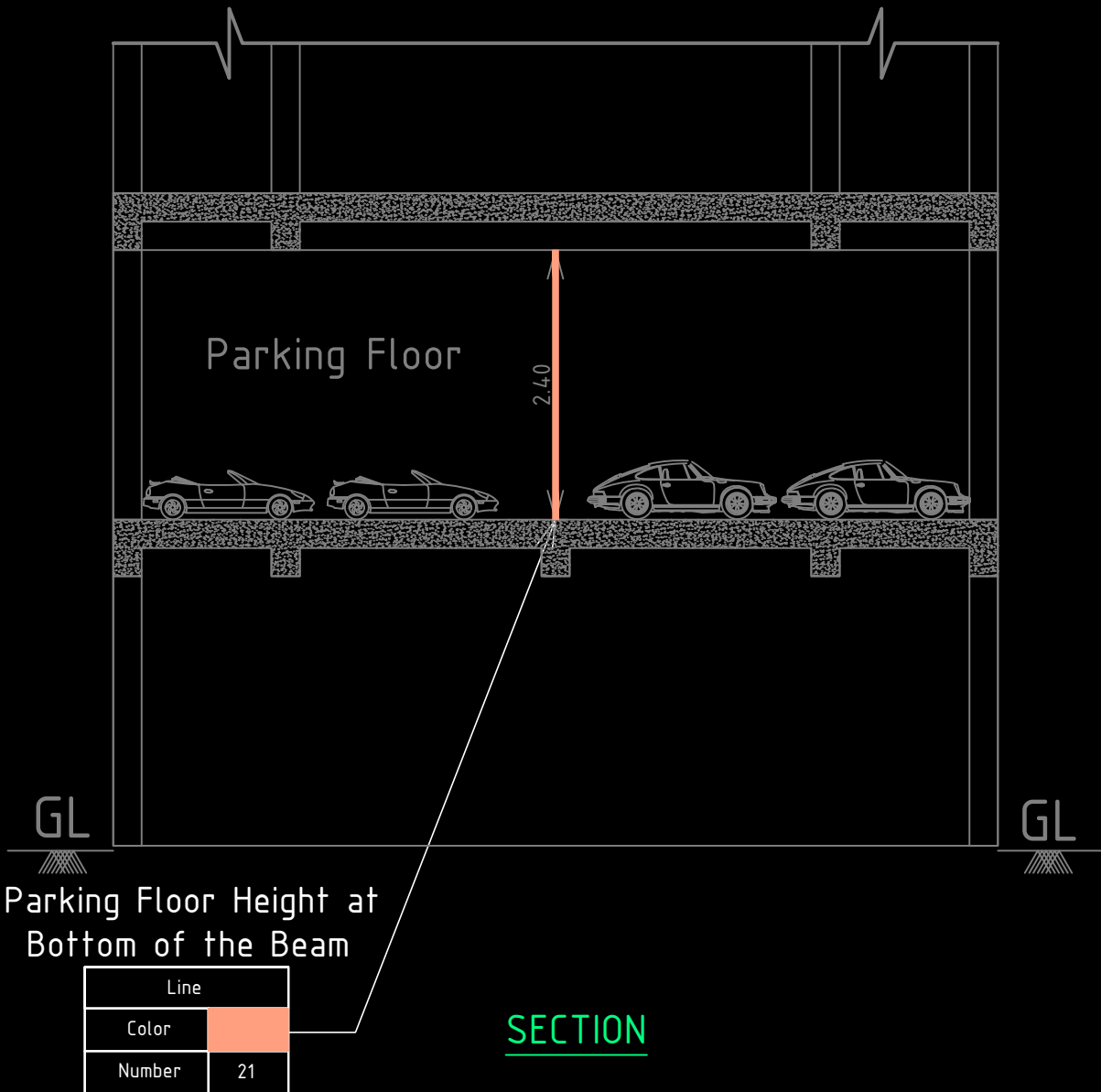
S.No	Description	Layer
72	Parking Floor height shall be drawn as line in Color No. 91.	FLOOR-PODIUM

PODIUM FLOOR HEIGHT

Podium Floor

GL

GL

Podium Floor Height

Line	
Color	
Number	91

SECTION
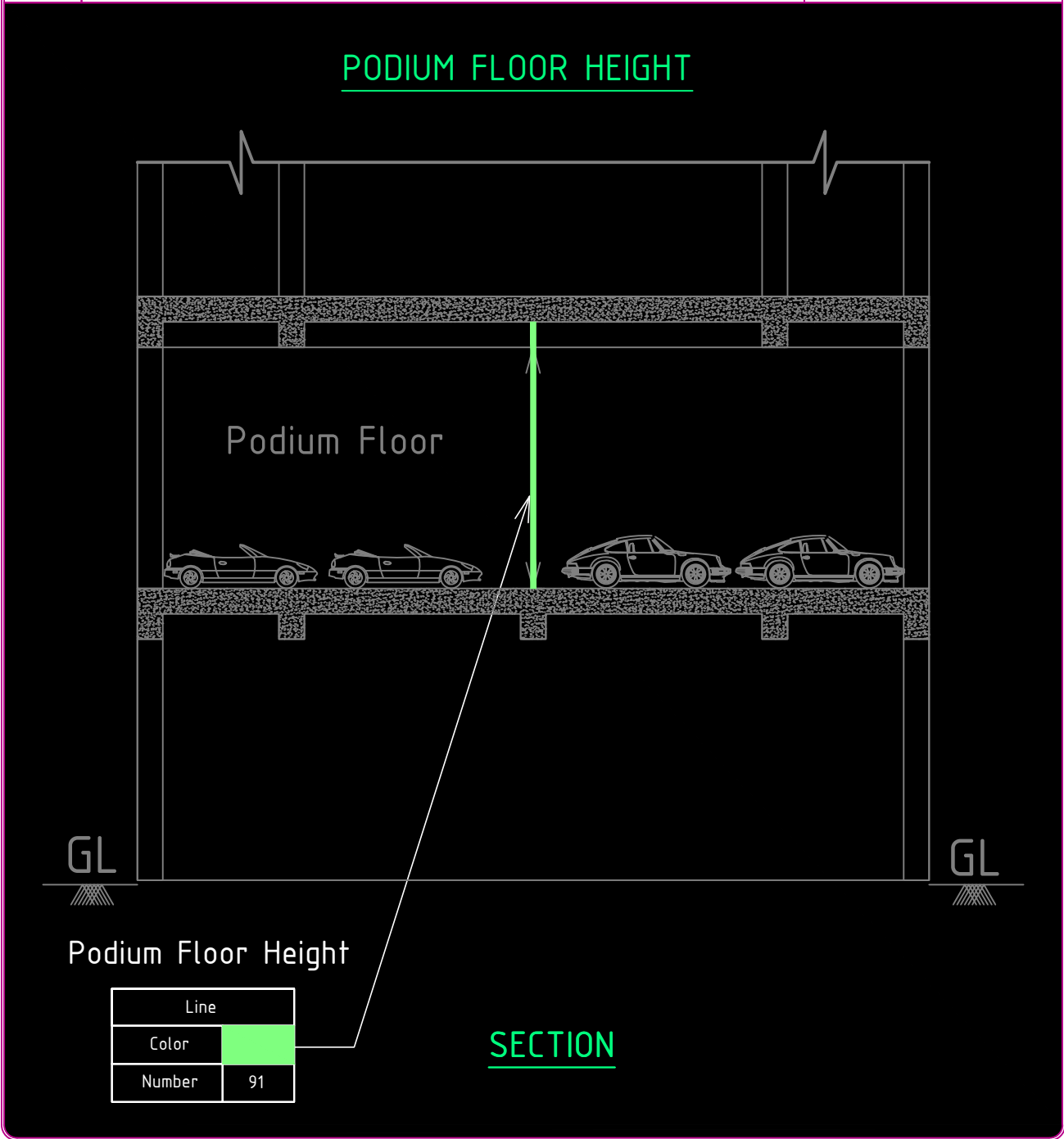
S.No	Description	Layer
73	Parking Floor Boundary shall be drawn as Polyline in Color No. 5. Note: Applicable for Parking Floor above Stilt Floor.	FLOOR-PARKING

PARKING FLOOR BOUNDARY

Parking Floor Boundary

Polyline	
Color	
Number	5

PARKING FLOOR

S.No	Description	Layer
74	Parking Floor Height at the Bottom of the beam shall be drawn as line in Color No. 21.	FLOOR-PARKING

PARKING FLOOR HEIGHT AT THE BOTTOM OF THE BEAM

Parking Floor

2.40

GL

GL

Parking Floor Height at Bottom of the Beam

Line	
Color	
Number	21

SECTION
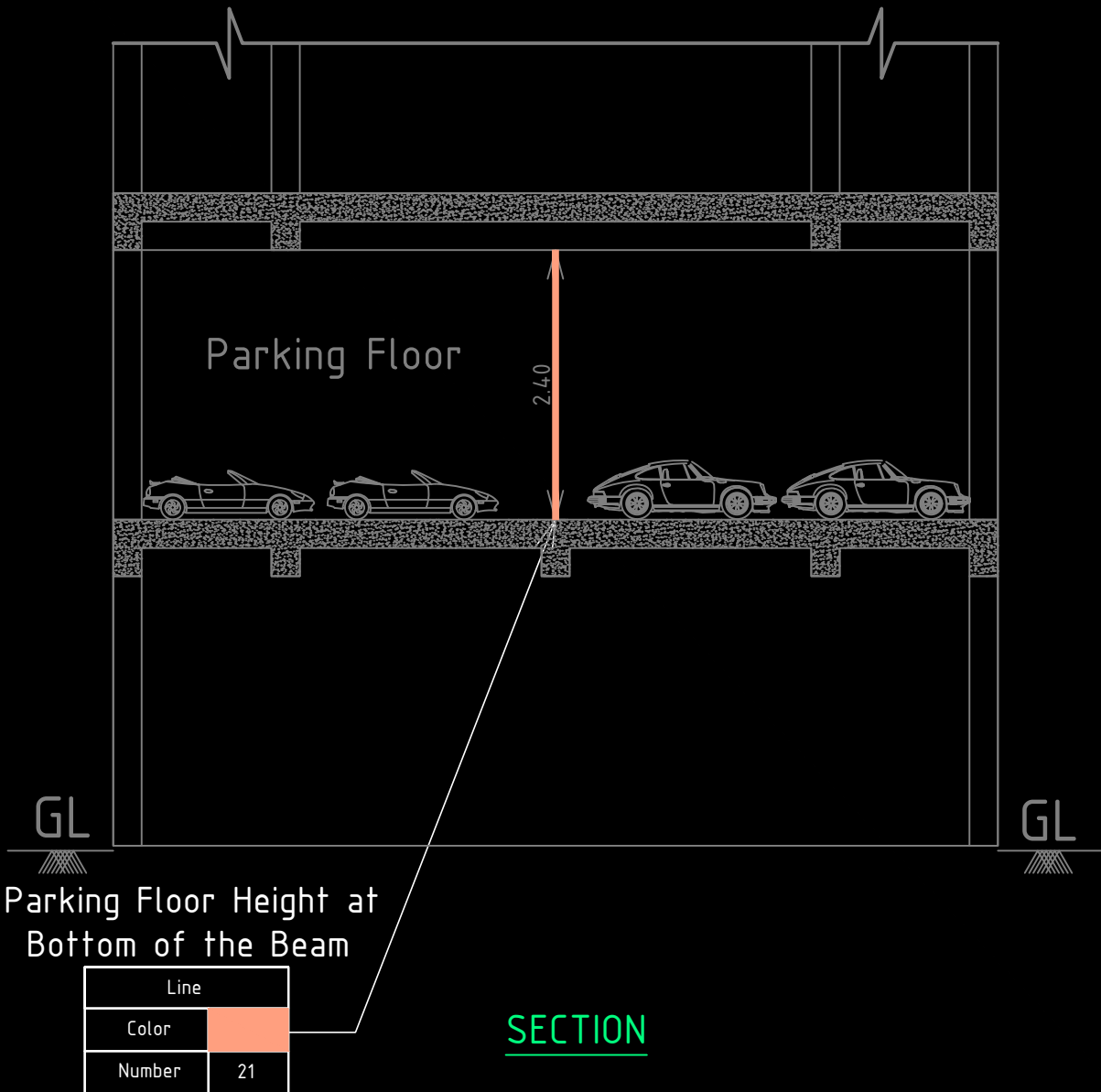
S.No	Description	Layer
75	Parking Floor height shall be drawn as line in Color No. 91.	FLOOR-PARKING

PARKING FLOOR HEIGHT

Parking Floor

Parking Floor Height

Line	
Color	
Number	91

GL   GL

SECTION
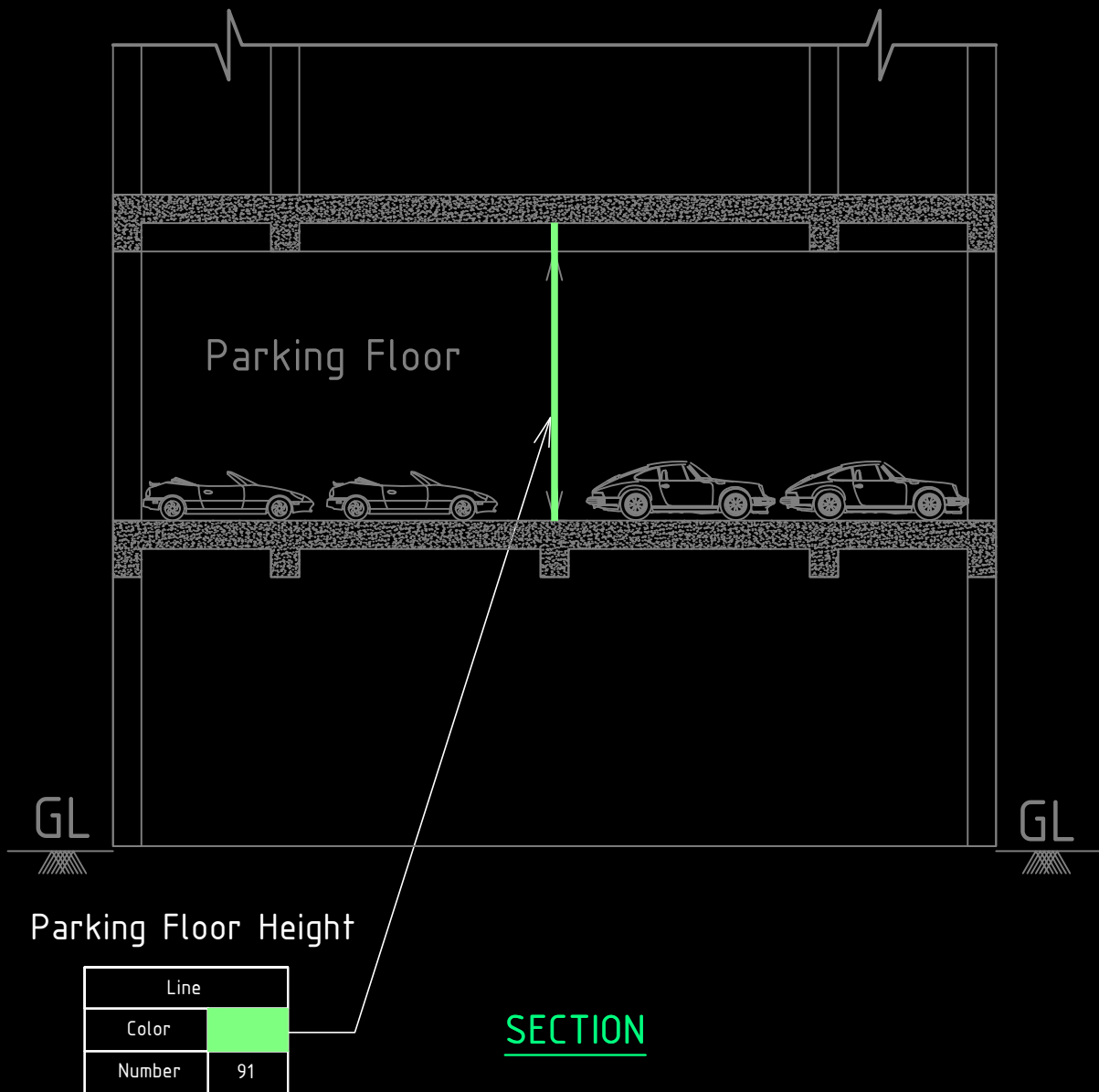
14.2   OBJECTS TO BE DRAWN IN APPLICABLE FLOOR LAYERS

S.No	Description	Layer
1	Group Housing FAR shall be drawn as Polyline in Color No. 181.	Applicable Floor Layer

RESIDENTIAL GROUP HOUSING

Building Boundary

Polyline	
Color	
Number	10

Typ.

Block A

Block B

Typ.
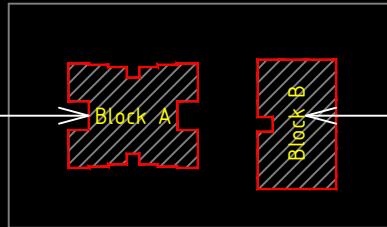
Block Name

Text	
	Color
50	Number

Block A

Block Distinguishers

Polyline & Text	
Color	
Number	50
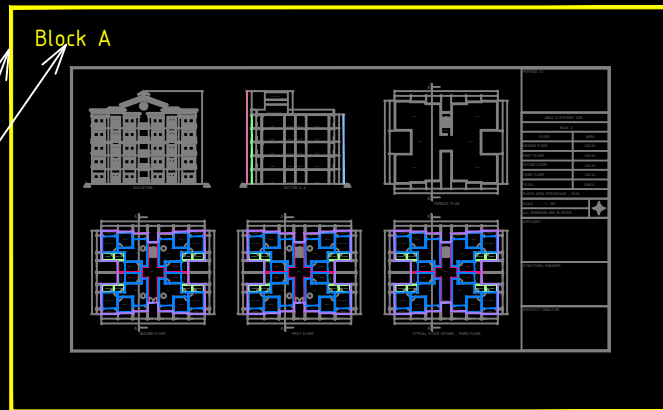
Block B

Block Distinguishers

Polyline & Text	
Color	
Number	50

S.No	Description	Layer
2	Residential FAR shall be drawn as Polyline in Color No. 181.	Applicable Floor Layer

RESIDENTIAL FAR
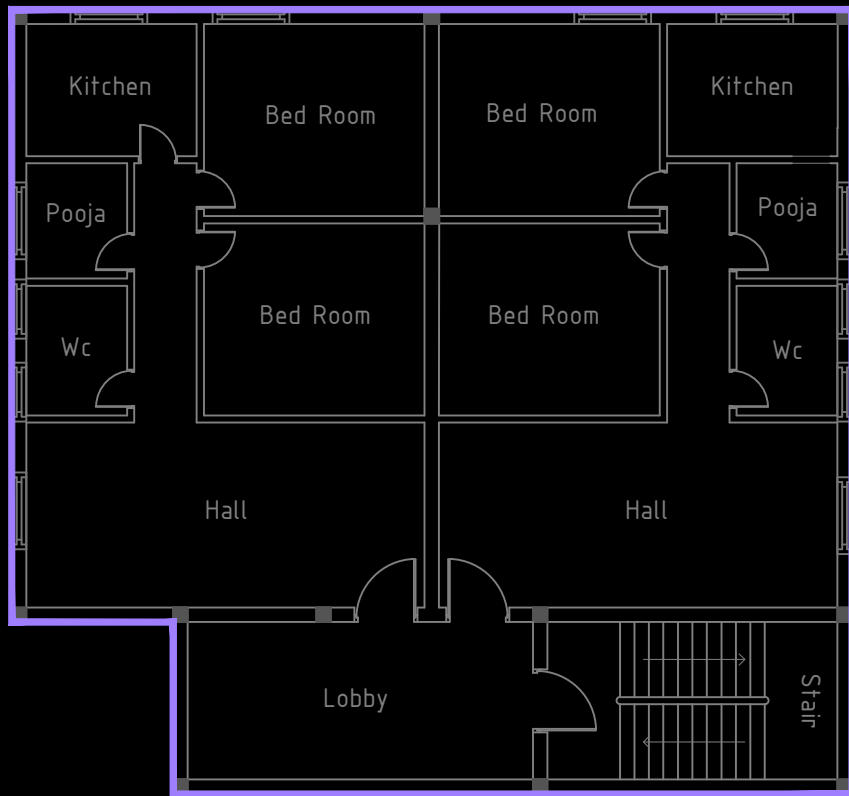
Residential FAR

Polyline	
Color	
Number	181

FLOOR PLAN

S.No	Description	Layer
3	Each and every Dwelling unit shall be drawn as Polyline in Color No. 230 and Kitchen text with Dwelling unit text shall be kept inside the Color 230 Polyline. Note: If drawing contains more than one floor, dwelling unit number should be same in all the floors and it will be considered as Single dwelling unit. If the number is different in each floor then different dwelling number should be used in all the drawing.	Applicable Floor Layer

Kitchen

Text	
Color	
Number	230

DWELLING UNIT

Kitchen Bed Room Bed Room Kitchen

Pooja Pooja

Wc Bed Room Bed Room Wc

Hall 01 02 Hall

Lobby Stair

Dwelling Unit Text

Text	
Color	
Number	230

FLOOR PLAN

Dwelling Unit Polyline

Polyline	
	Color
230	Number

S.No	Description	Layer
4	If the same building contains more than one floor forming a single dwelling unit, the floor where Kitchen is present should have Kitchen text in color no. 230. The other floors should have either KITCHEN–BELOW or KITCHEN–ABOVE text depending on its position. For example if ground floor contains Kitchen then first floor should contain KITCHEN–BELOW text.	Applicable Floor Layer

DUPLEX DWELLING UNIT

Dwelling Unit and
Dwelling Number

Polyline & Text	
Color	
Number	230

Kitchen – Below

Text	
	Color
230	Number

Kitchen

Text	
	Color
230	Number

Kitchen

Bedroom

01

Wc

Hall

GROUND FLOOR PLAN

Kitchen – Below

Guest Room

01

Wc

Hall

FIRST FLOOR PLAN
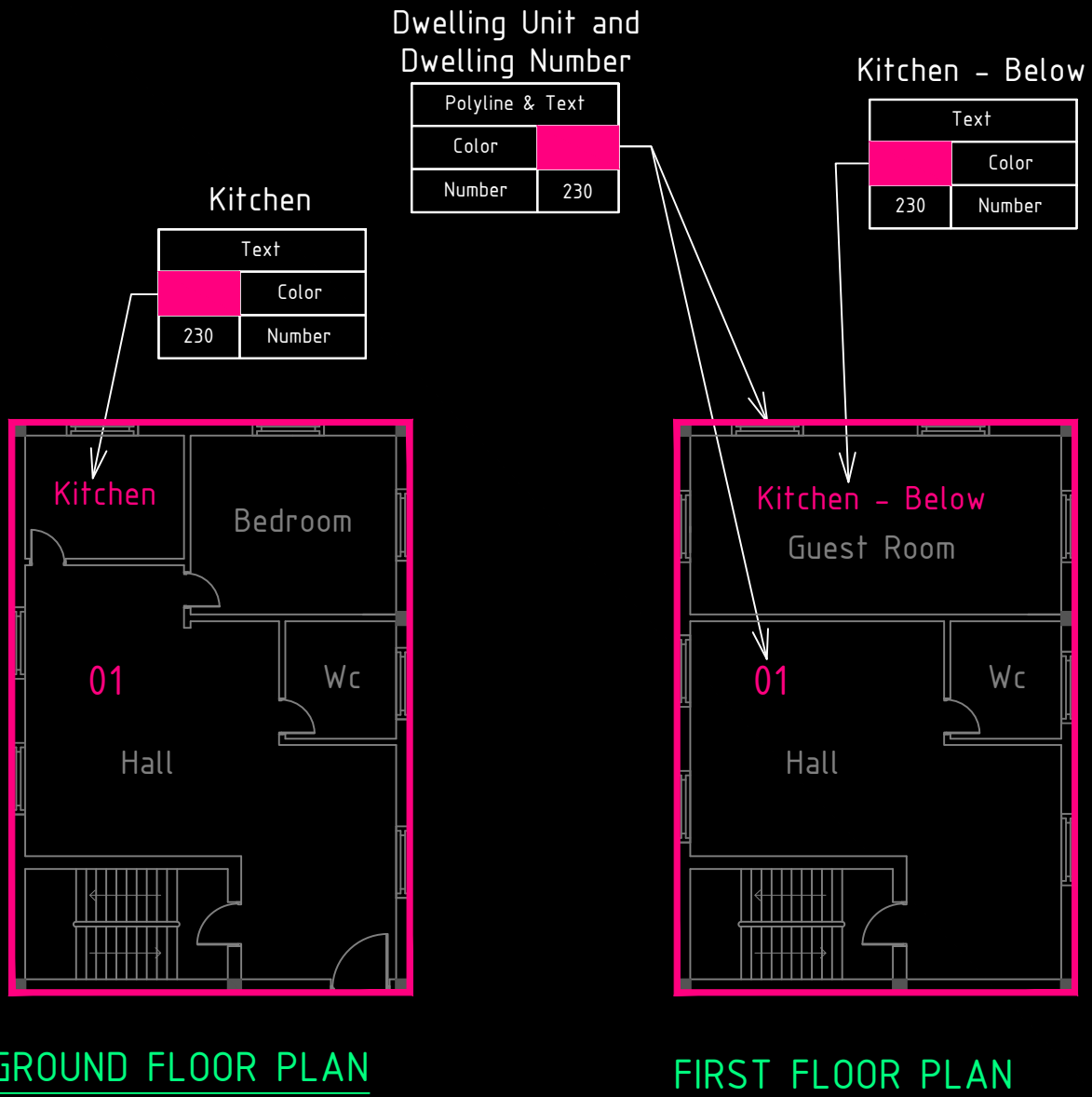
S.No	Description	Layer
5	Commercial FAR shall be drawn as Polyline in Color No. 6 and text shall be placed inside the Polyline in the same Color.	Applicable Floor Layer

COMMERCIAL FAR

Commercial FAR

Polyline & Text	
Color	
Number	6

FLOOR PLAN
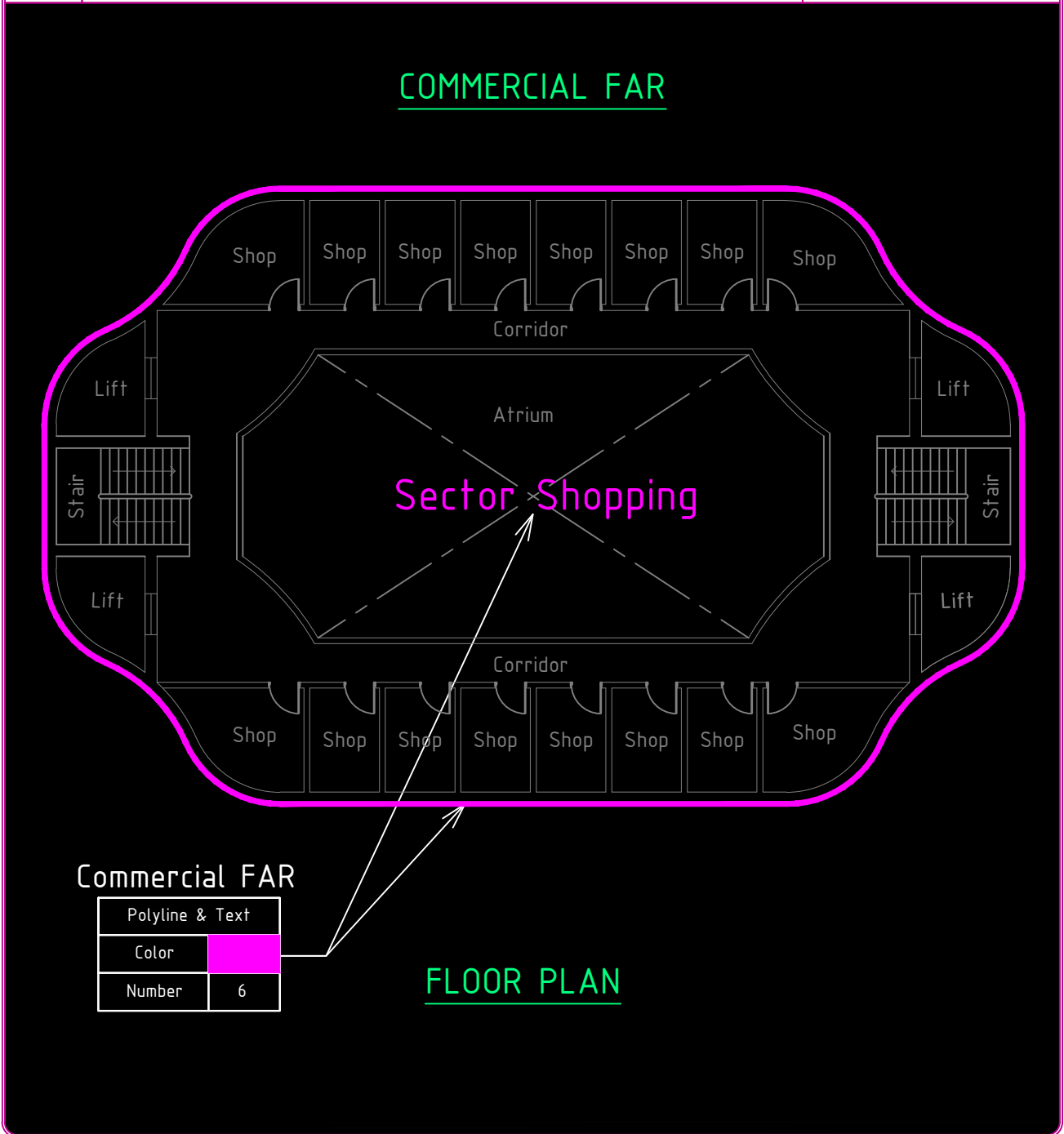
S.No	Description	Layer
6	Hotel Commercial shall be drawn as Polyline in Color No. 6 and text shall be placed inside the Polyline in the same color. Room shall be drawn as Polyline in Color No. 150 and text shall be placed inside the Polyline in the same color.	Applicable Floor Layer

HOTEL

Room

Polyline & Text	
Color	
Number	150

Room – 01	Room – 02	Room – 03	Room – 04	Stair

Hotel

RS

Room – 05	Room – 06	Room – 07	Room – 08	Wc

Hotel

Polyline & Text	
Color	
Number	6

FLOOR PLAN

S.No	Description	Layer
7	Cinema Commercial shall be drawn as Polyline in Color No. 6 and Text shall be kept inside the Polyline in the same Color as shown below. Seating Area and Seat Count shall be drawn as Polyline in Color No. 106 and text shall be kept inside the Polyline in the same Color as shown below based on your requirement.	Applicable Floor Layer

CINEMA

Screening

Cinema

Seating –120
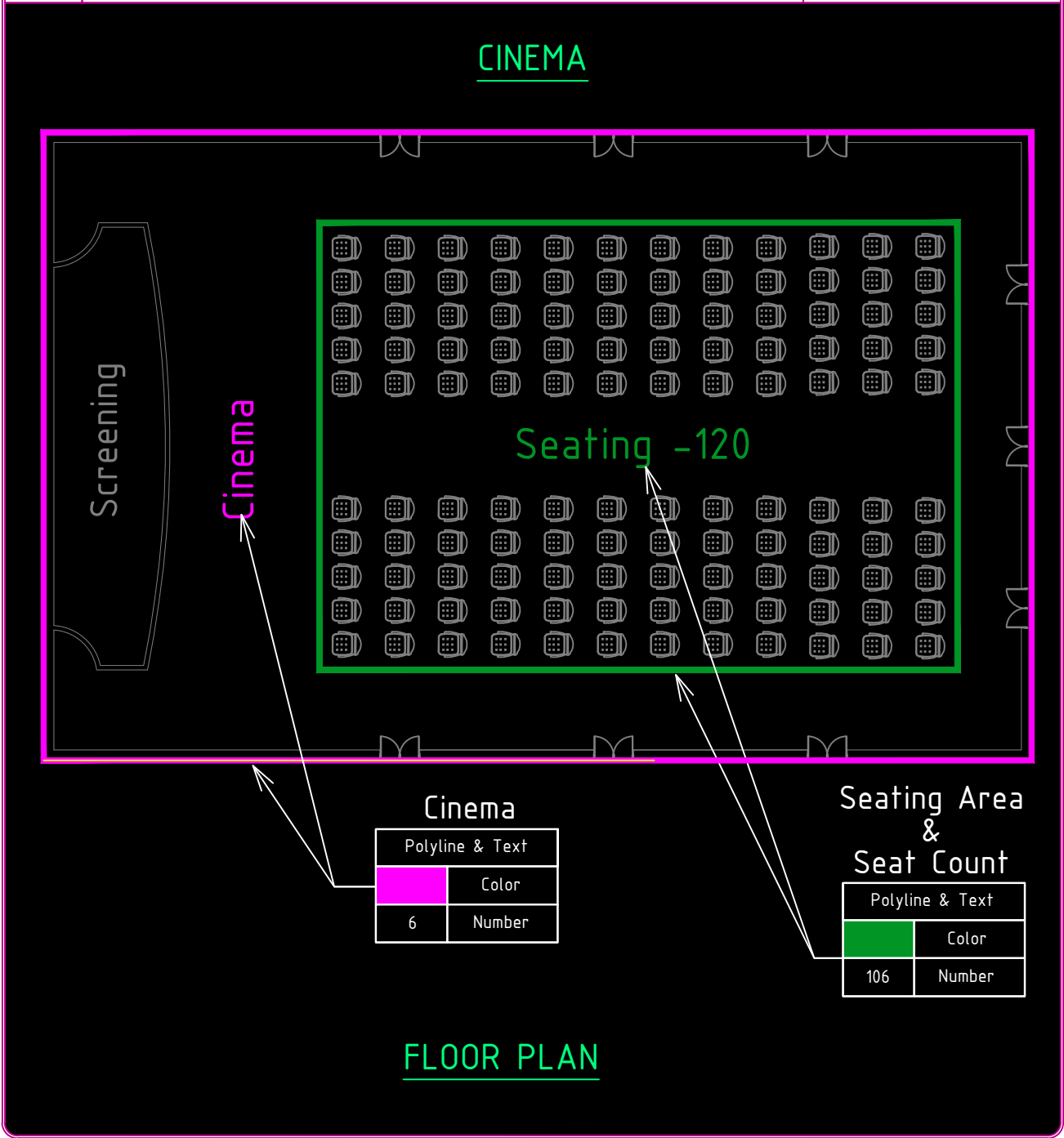
Cinema

Polyline & Text

	Color
6	Number

Seating Area & Seat Count

Polyline & Text

	Color
106	Number

FLOOR PLAN

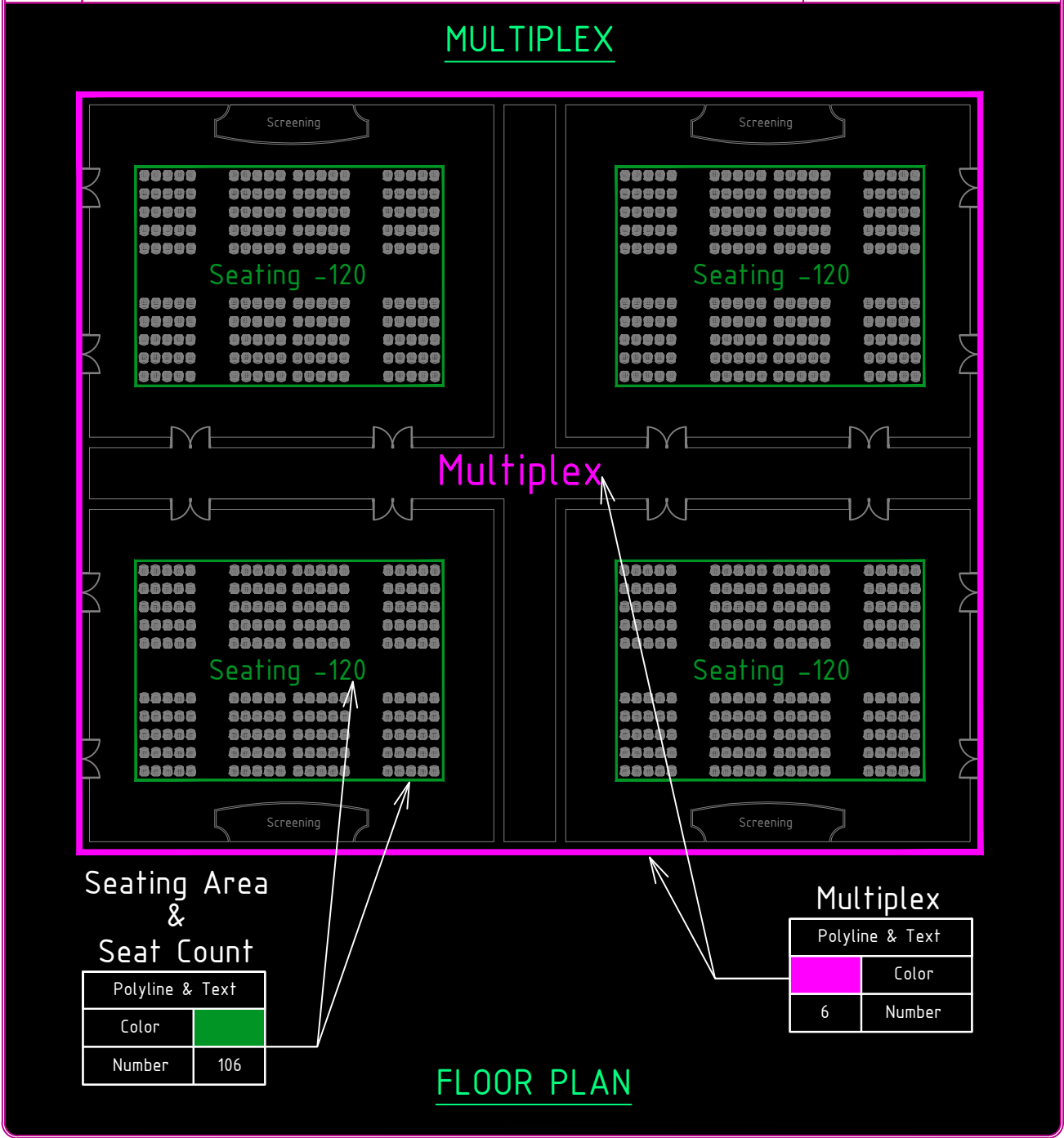| S.No	Description	Layer
8	Multiplex Commercial shall be drawn as Polyline in Color No. 6 and text shall be placed inside the Polyline in the same color as shown below.	Applicable Floor Layer
	Seating Area and Seat Count shall be drawn as Polyline in Color No. 106 and text shall be kept inside the Polyline in the same Color as shown below based on your requirement.	

MULTIPLEX

Screening

Seating -120

Screening

Seating -120

Multiplex

Seating -120

Seating -120

Screening

Screening

Seating Area & Seat Count

Polyline & Text	
Color	
Number	106

Multiplex

Polyline & Text	
	Color
6	Number

FLOOR PLAN

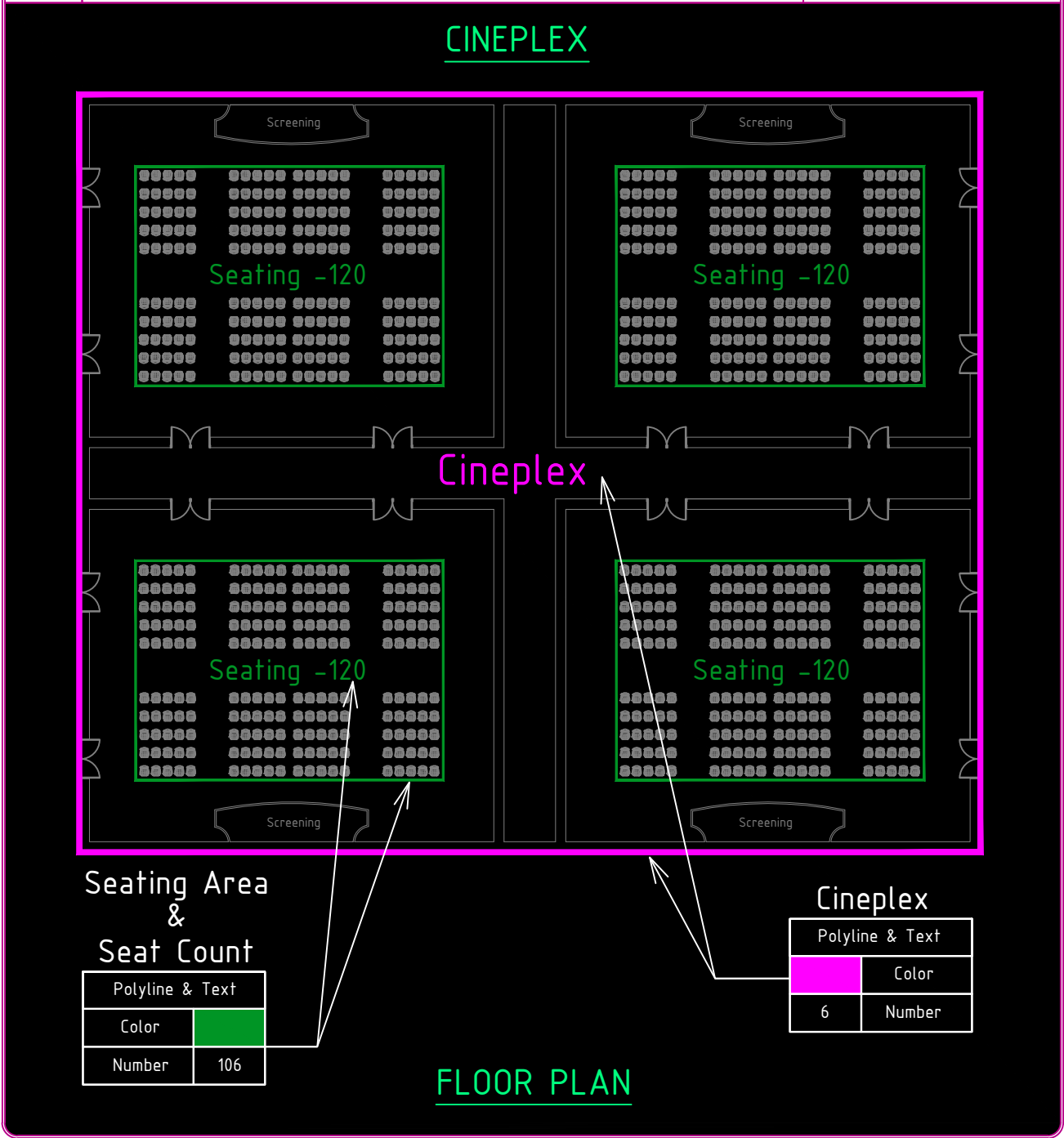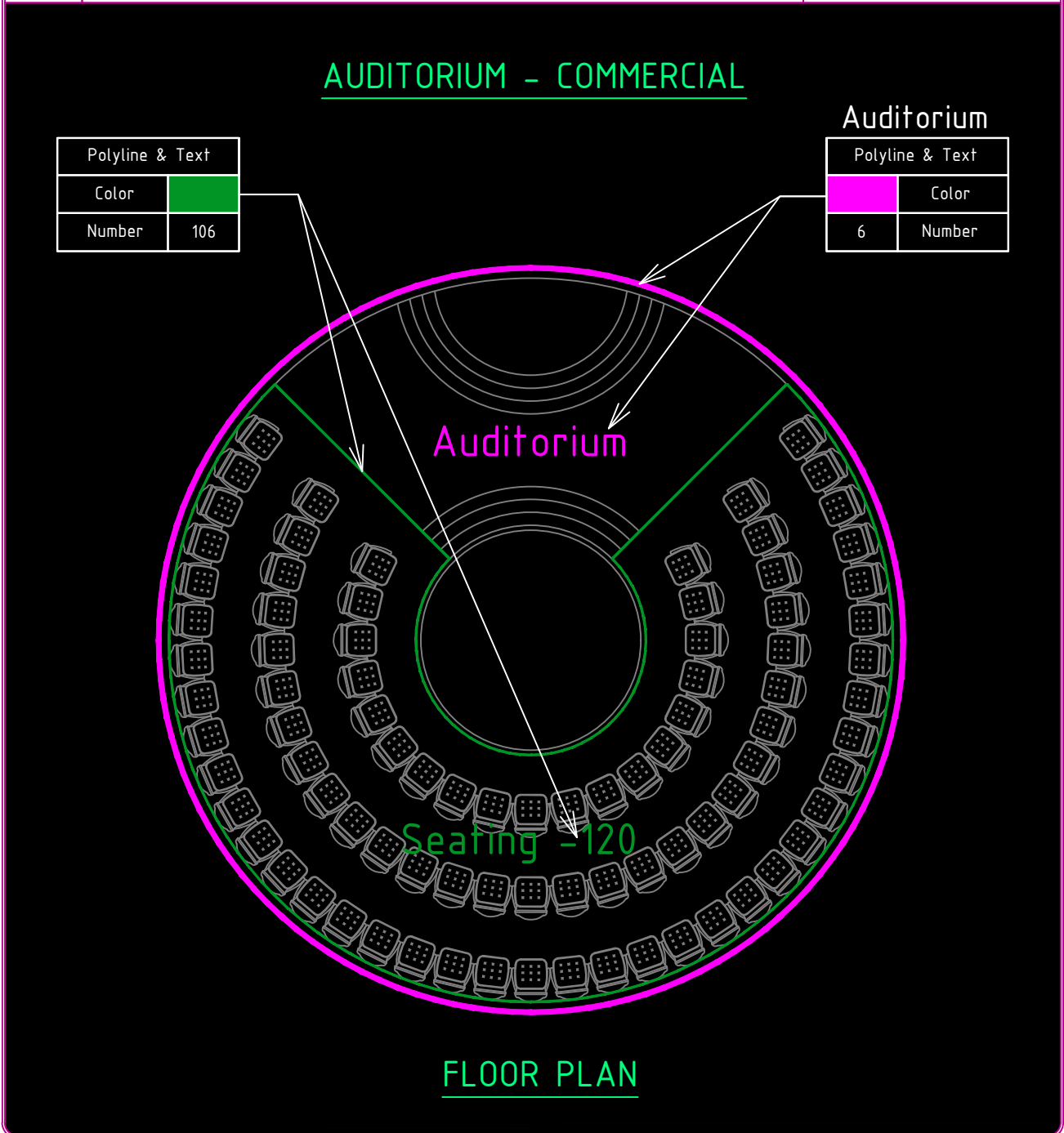| S.No	Description	Layer
9	Cineplex Commercial shall be drawn as Polyline in Color No. 6 and text shall be placed inside the Polyline in the same color as shown below. Seating Area and Seat Count shall be drawn as Polyline in Color No. 106 and text shall be kept inside the Polyline in the same Color as shown below based on your requirement.	Applicable Floor Layer

CINEPLEX

Screening

Seating -120

Screening

Seating -120

Cineplex

Screening

Seating -120

Screening

Seating -120

Seating Area
&
Seat Count

Polyline & Text	
Color	
Number	106

Cineplex

Polyline & Text	
Color	
6	Number

FLOOR PLAN

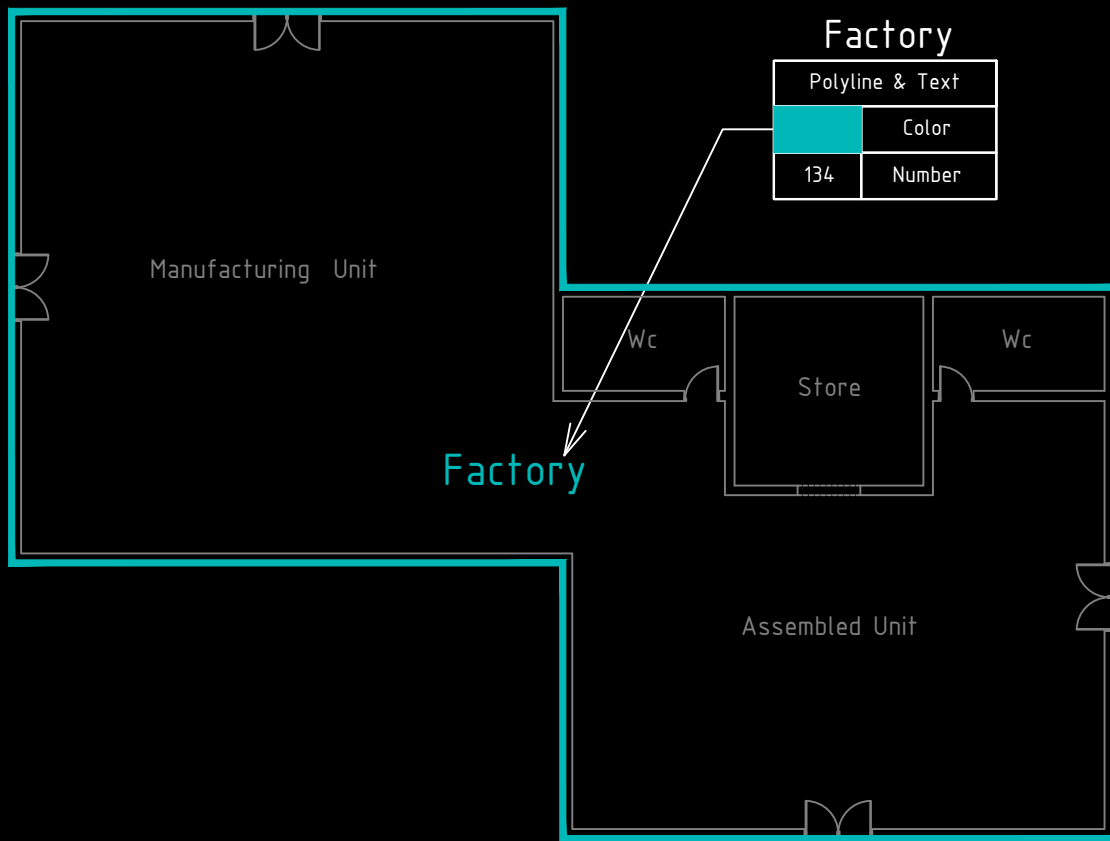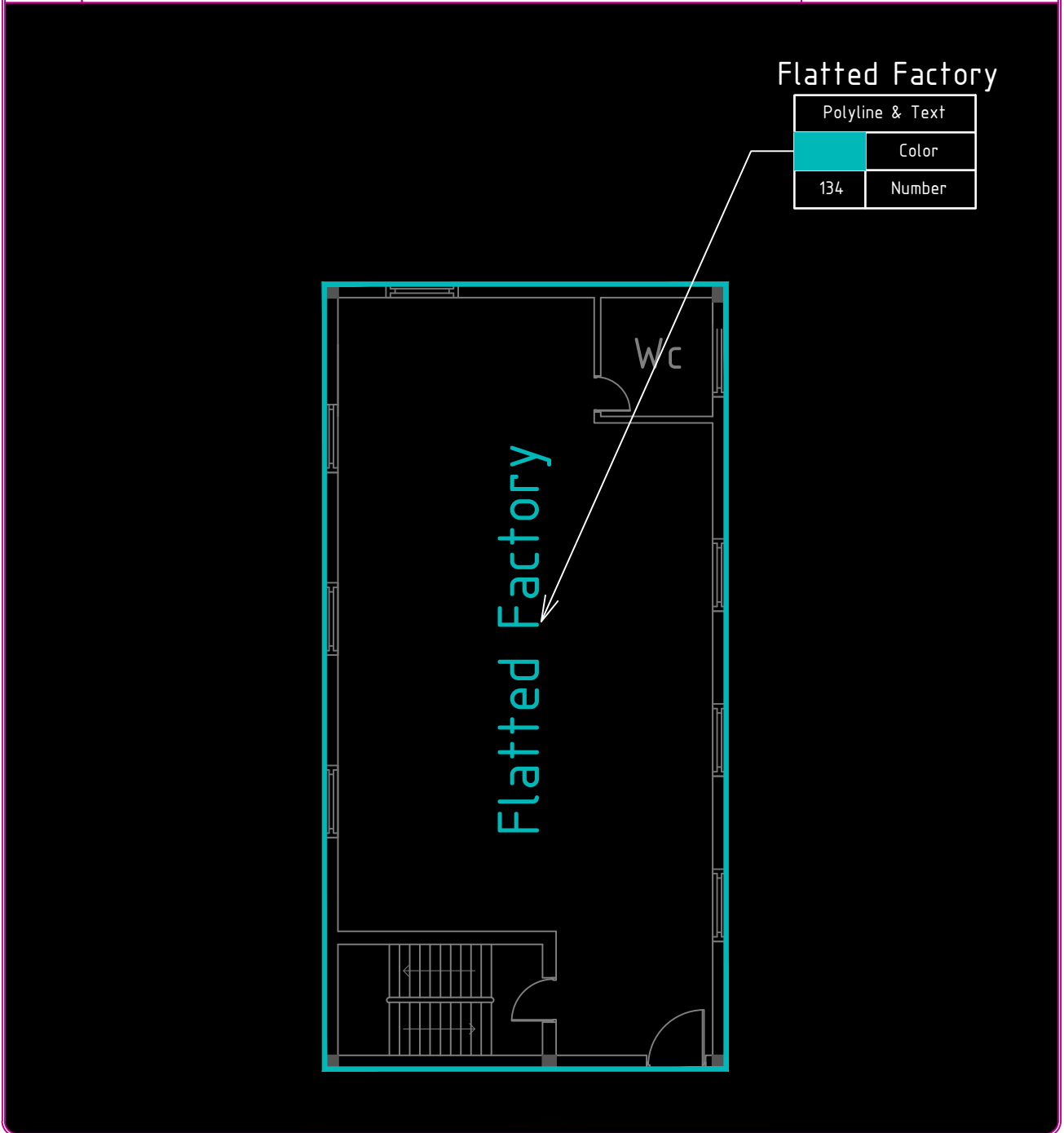| S.No	Description	Layer
10	Auditorium for Commercial shall be drawn as Polyline in Color No. 6 and text shall be kept inside the Polyline in the same Color as shown below. Seating Area and Seat Count shall be drawn as Polyline in Color No. 106 and text shall be kept inside the Polyline in the same Color as shown below based on your requirement.	Applicable Floor Layer

AUDITORIUM - COMMERCIAL

Polyline & Text	
Color	
Number	106

Auditorium

Polyline & Text	
	Color
6	Number

Auditorium

Seating -120

FLOOR PLAN

S.No	Description	Layer
11	Industrial FAR shall be drawn as Polyline in Color No. 134 and text shall be placed inside the Polyline in the same Color.	Applicable Floor Layer

INDUSTRIAL FAR

Factory

Polyline & Text	
	Color
134	Number

Manufacturing Unit

Wc

Store

Wc

Factory

Assembled Unit

FLOOR PLAN

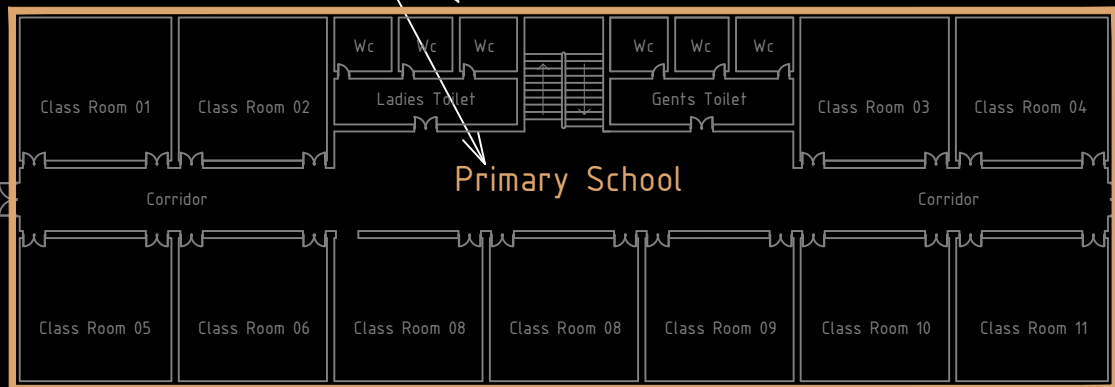| S.No	Description	Layer
12	Industrial FAR shall be drawn as Polyline in Color No.134 and text shall be placed inside the Polyline in the same color as shown below.	Applicable Floor Layer

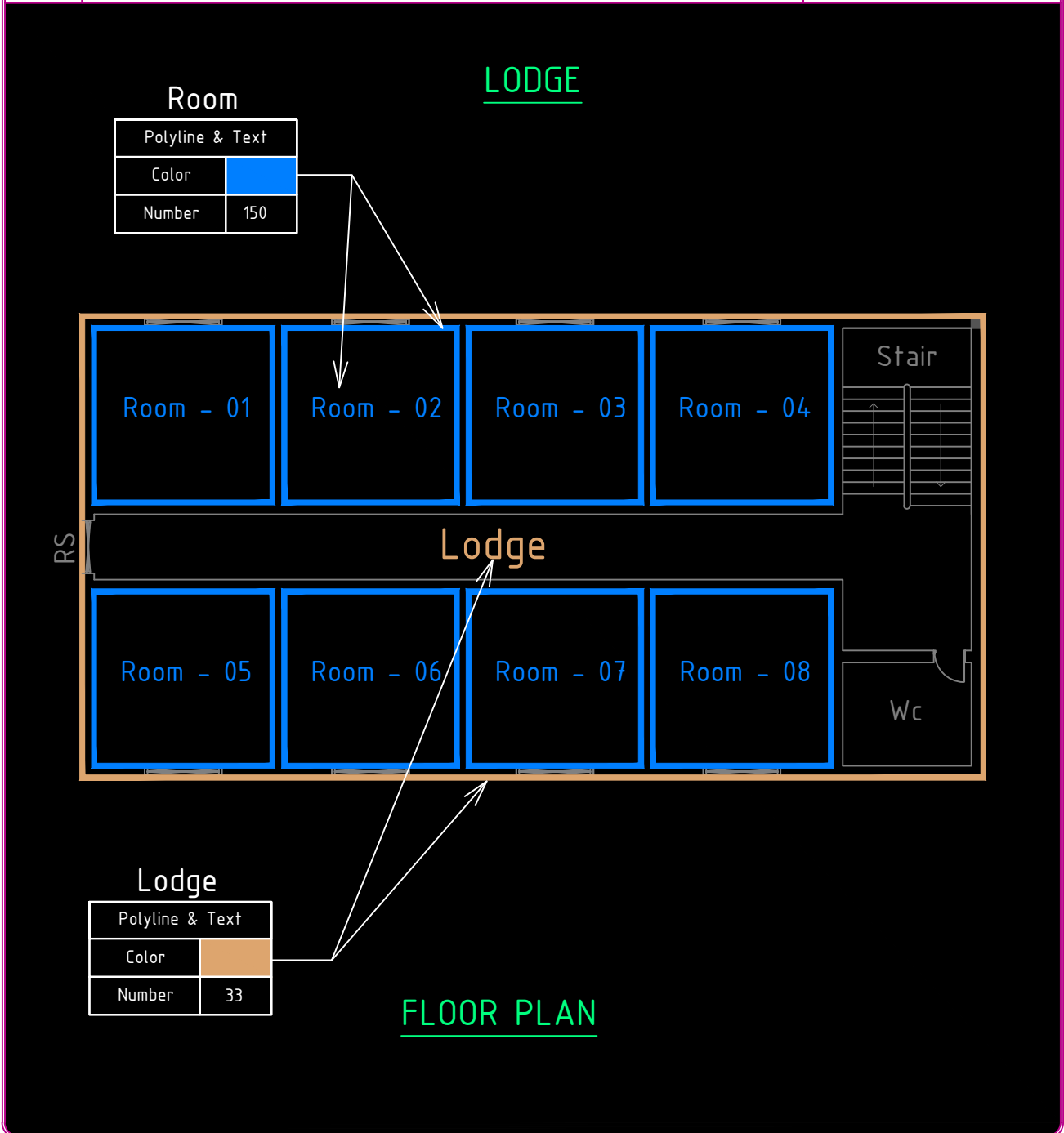| S.No	Description	Layer
13	Institutional FAR shall be drawn as Polyline in Color No. 33 and text shall be placed inside the Polyline in the same color.	Applicable Floor Layer

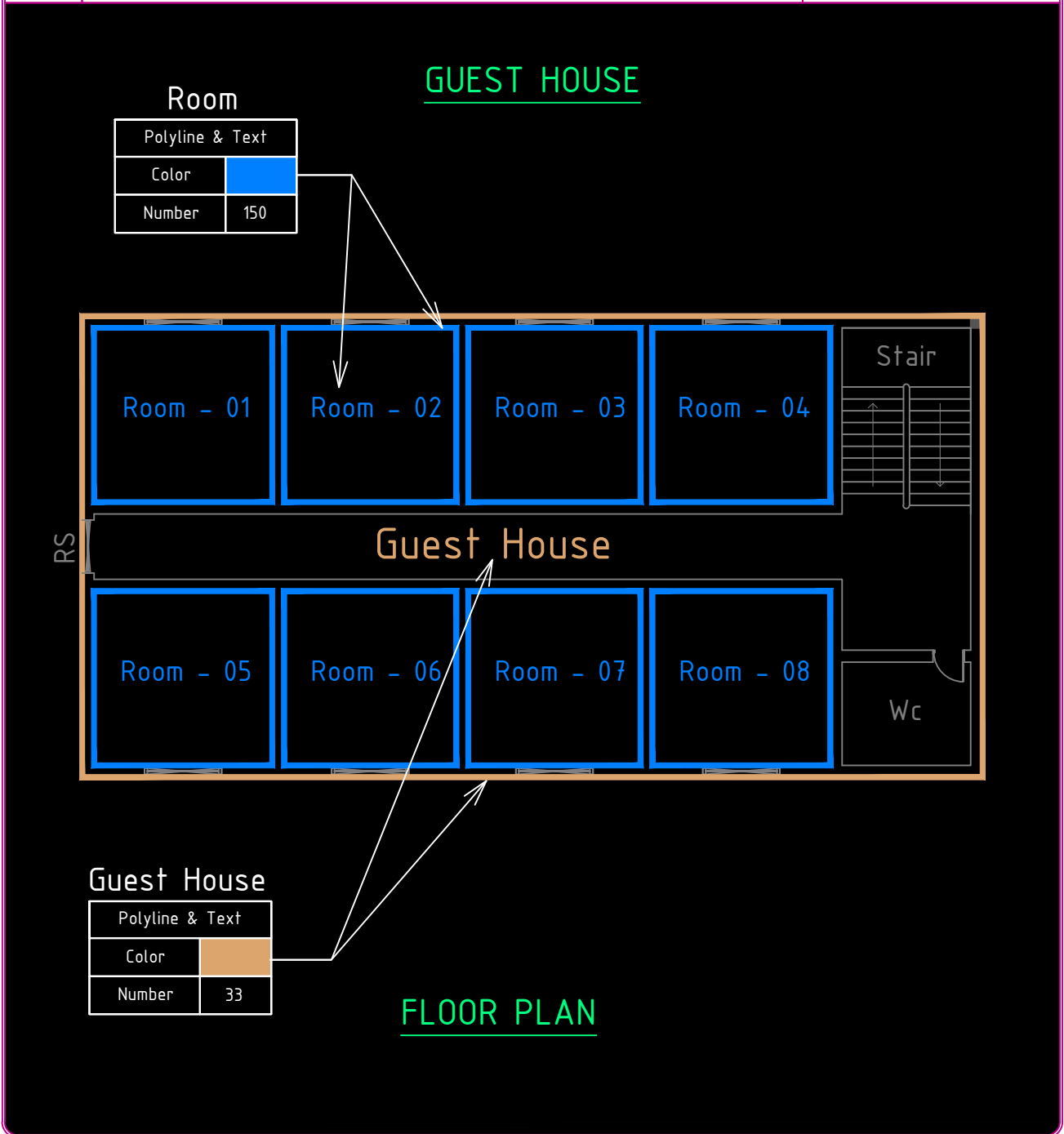## INSTITUTIONAL FAR

Institutional FAR

Polyline & Text	
Color	
Number	33

Class Room 01 | Class Room 02 | Wc Wc Wc | Ladies Toilet | Wc Wc Wc | Gents Toilet | Class Room 03 | Class Room 04

Corridor

Primary School

Corridor

Class Room 05 | Class Room 06 | Class Room 08 | Class Room 08 | Class Room 09 | Class Room 10 | Class Room 11

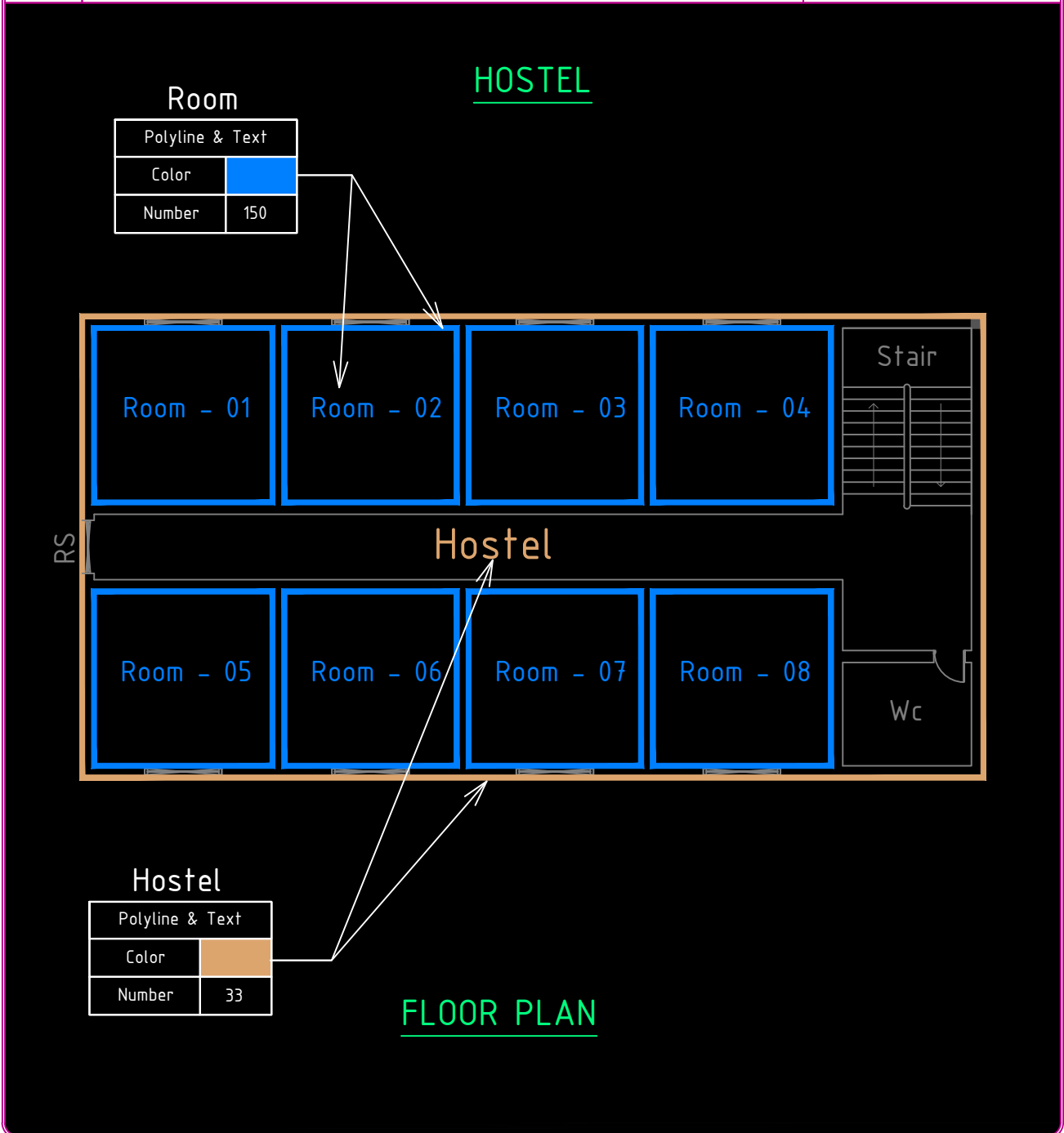## FLOOR PLAN

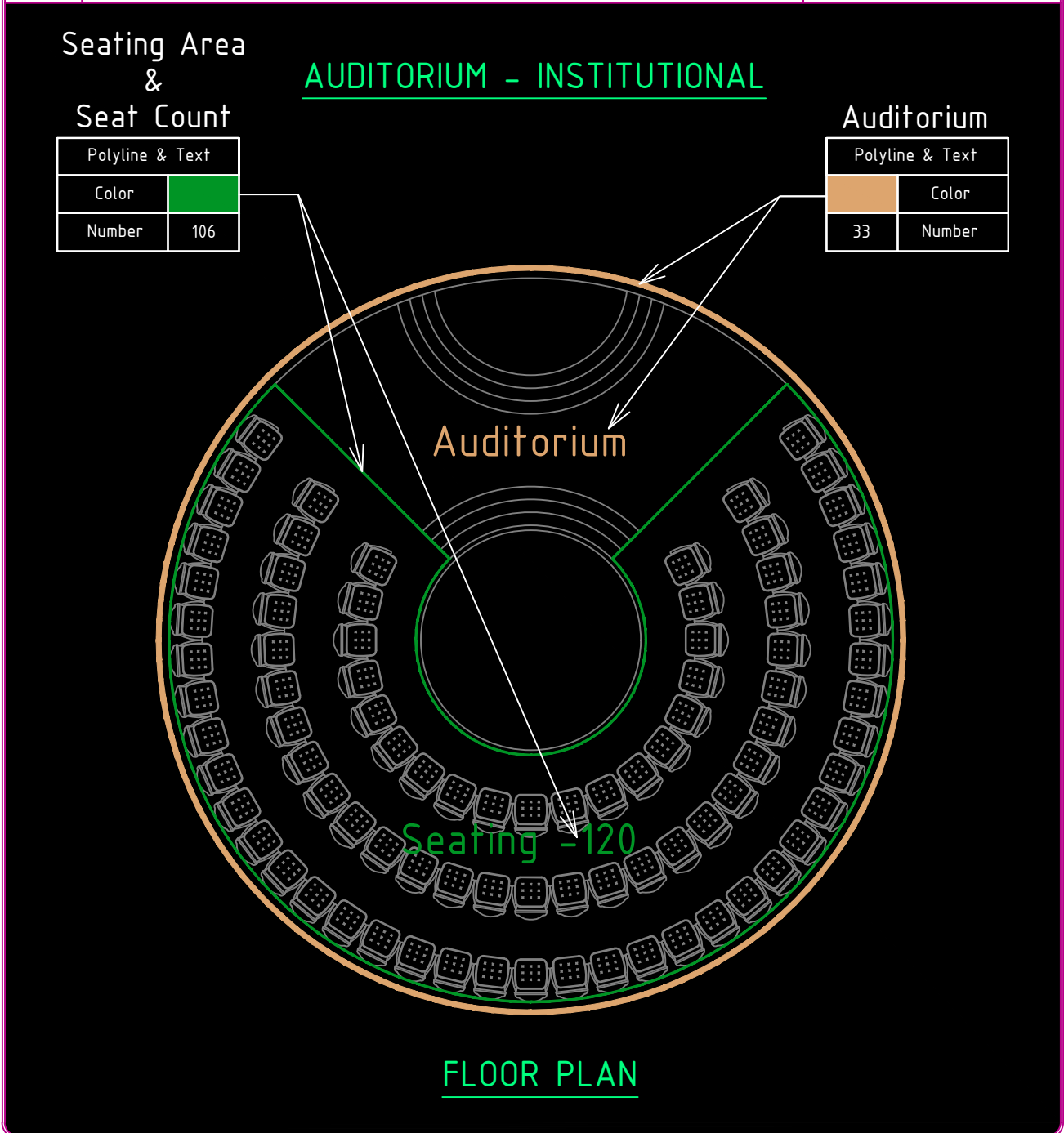| S.No	Description	Layer
14	Lodge Institutional shall be drawn as Polyline in Color No. 33 and text shall be placed inside the Polyline in the same color. Room shall be drawn as Polyline in Color No. 150 and text shall be placed inside the Polyline in the same color.	Applicable Floor Layer

LODGE

Room

Polyline & Text	
Color	
Number	150

Room – 01	Room – 02	Room – 03	Room – 04	Stair

Lodge

Room – 05	Room – 06	Room – 07	Room – 08	Wc

RS

Lodge

Polyline & Text	
Color	
Number	33

FLOOR PLAN

S.No	Description	Layer
15	Guest House Institutional shall be drawn as Polyline in Color No. 33 and text shall be placed inside the Polyline in the same color. Room shall be drawn as Polyline in Color No. 150 and text shall be placed inside the Polyline in the same color.	Applicable Floor Layer

GUEST HOUSE

FLOOR PLAN

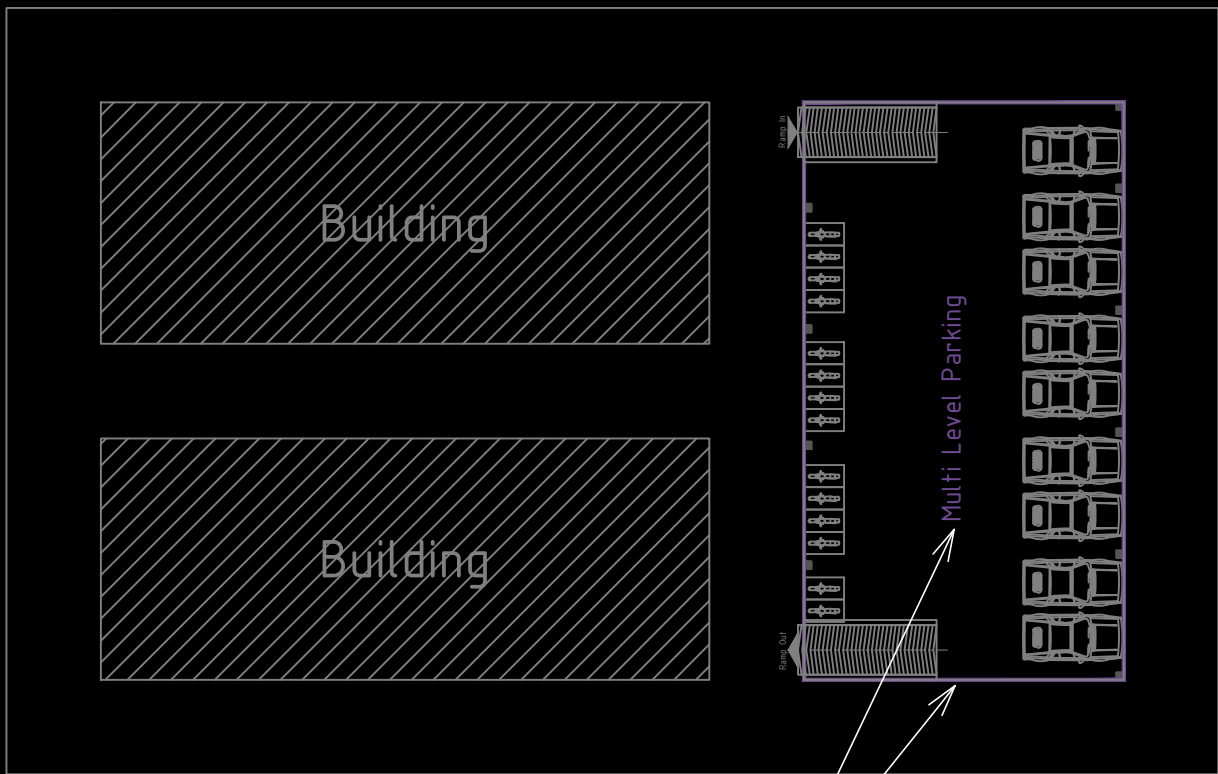| S.No	Description	Layer
16	Hostel Institutional Far shall be drawn as Polyline in Color No. 33 and text shall be placed inside the Polyline in the same color. Room shall be drawn as Polyline in Color No. 150 and text shall be placed inside the Polyline in the same color.	Applicable Floor Layer

HOSTEL

Room

Polyline & Text	
Color	
Number	150

| Room – 01 | Room – 02 | Room – 03 | Room – 04 |

Stair

RS

Hostel

| Room – 05 | Room – 06 | Room – 07 | Room – 08 |

Wc

Hostel

Polyline & Text	
Color	
Number	33

FLOOR PLAN

S.No	Description	Layer
17	Auditorium for Institutional shall be drawn as Polyline in Color No. 33 and text shall be kept inside the Polyline in the same color as shown below. Seating Area and Seat Count shall be drawn as Polyline in Color No. 106 and text shall be kept inside the Polyline in the same Color as shown below based on your requirement.	Applicable Floor Layer

AUDITORIUM – INSTITUTIONAL

Seating Area & Seat Count

Polyline & Text	
Color	
Number	106

Auditorium

Polyline & Text	
	Color
33	Number

Auditorium

Seating –120

FLOOR PLAN

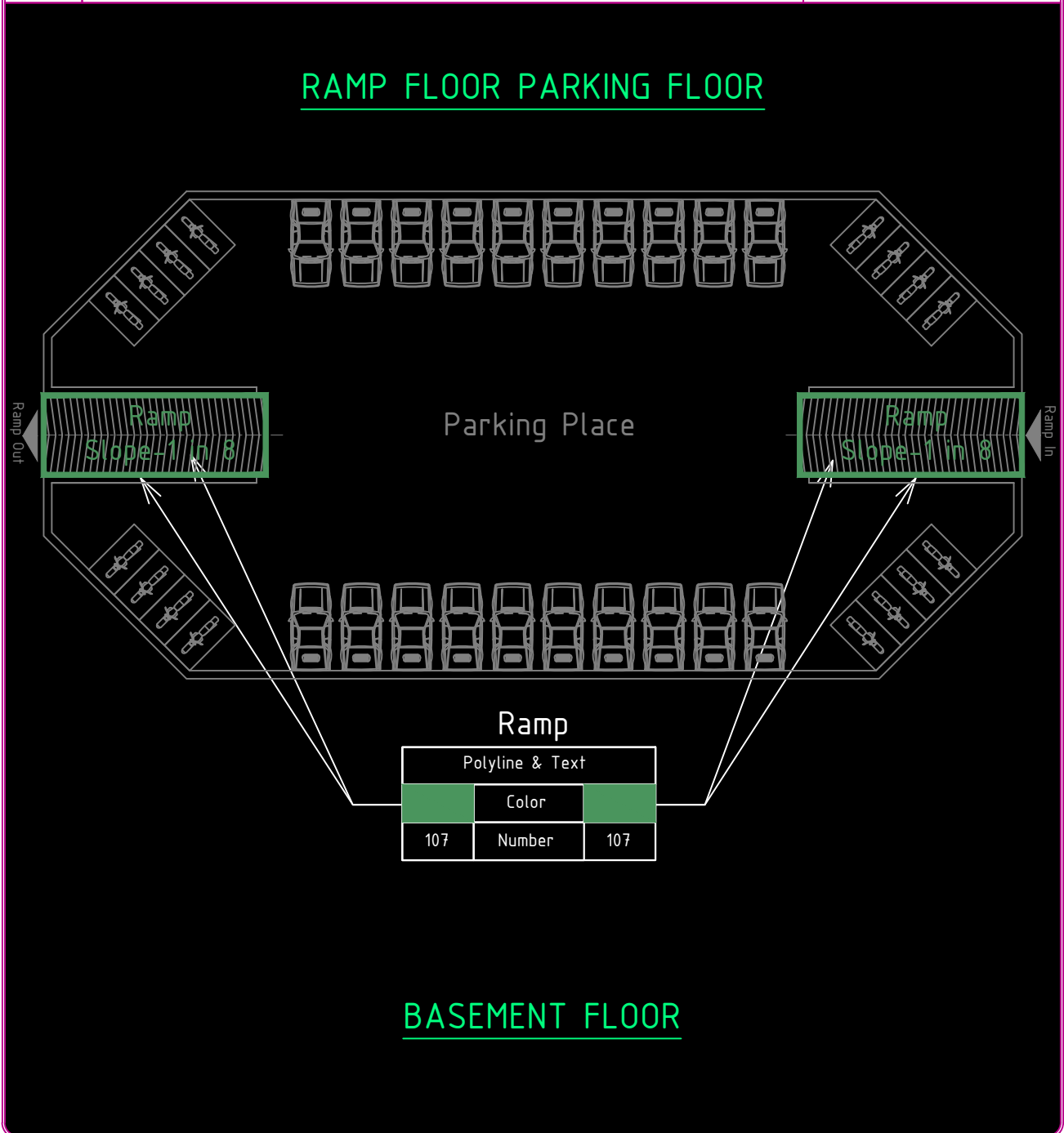| S.No	Description	Layer
18	Multi Level Parking shall be drawn as Polyline in Color No.197 and text shall be placed inside the Polyline in the same color as shown below.	Applicable Floor Layer

MULTI LEVEL PARKING

Building

Building

Multi Level Parking

Multi Level Parking

Polyline	
Color	
Number	197

SITE PLAN

S.No	Description	Layer
19	Vehicular Ramp shall be drawn as Polyline in Color No. 107 and text shall be placed inside the Polyline in the same color. Slope Text shall be placed inside the Polyline as shown below.	Applicable Floor Layer

RAMP FLOOR PARKING FLOOR

Ramp Out

Ramp
Slope-1 in 8

Parking Place

Ramp
Slope-1 in 8

Ramp In

Ramp

Polyline & Text		
	Color	
107	Number	107

BASEMENT FLOOR

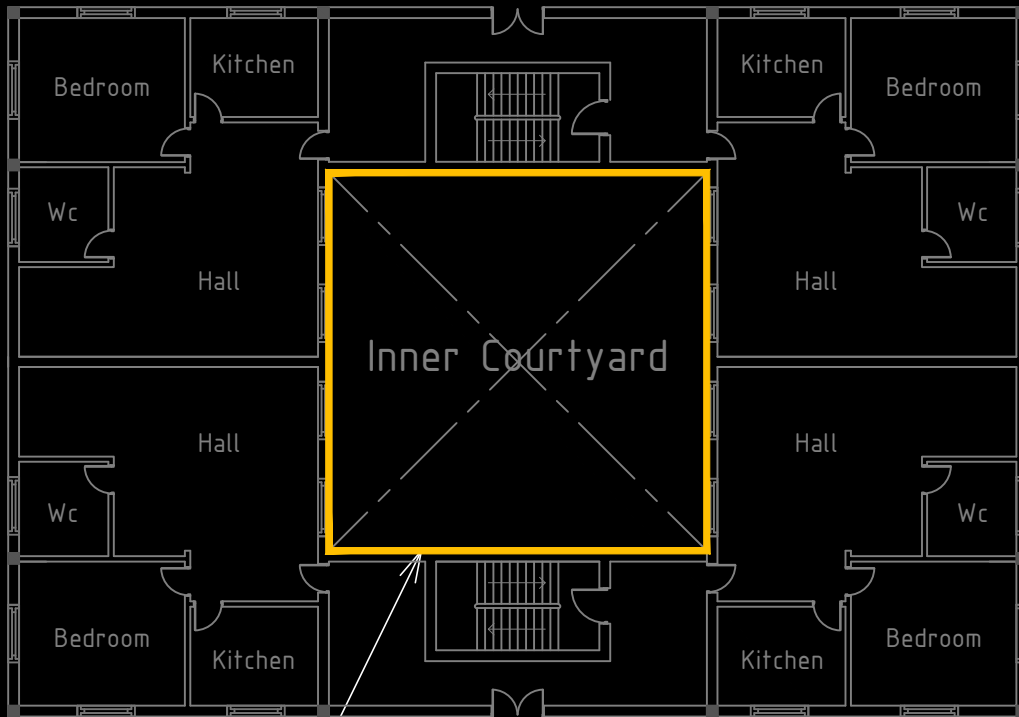| S.No	Description	Layer
20	Atrium and all other Deductions shall be drawn as Polyline in Color No. 3 and text Shall be kept inside the Polyline in the same Color.	Applicable Floor Layer

ATRIUM AND ALL OTHER DEDUCTIONS

FLOOR PLAN

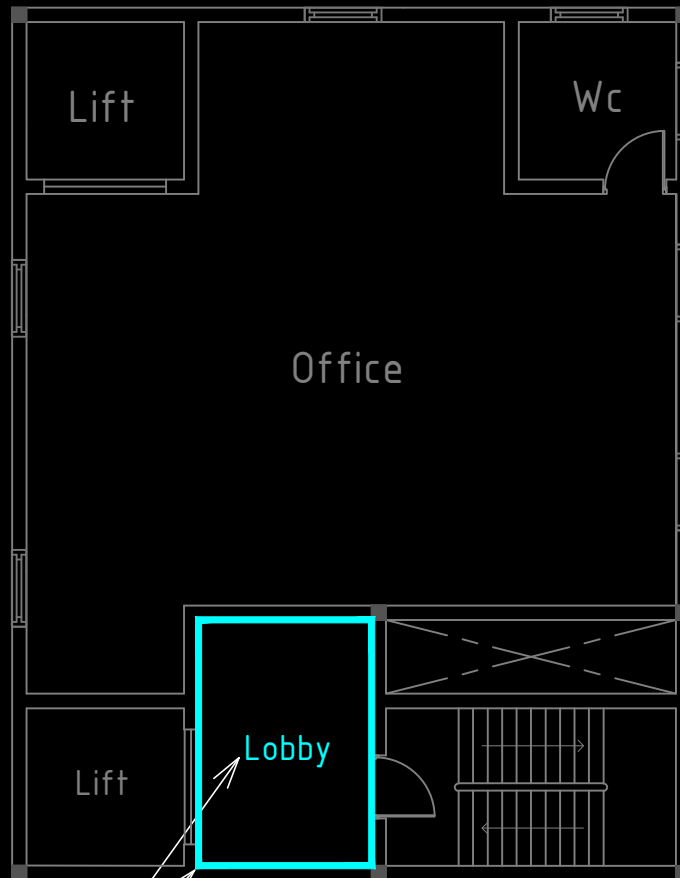| S.No	Description	Layer
21	Inner Courtyard shall be drawn as Polyline in Color No. 40 inside the FAR Color Polyline.	Applicable Floor Layer

INNER COURTYARD

Inner Courtyard

Inner Courtyard	
Polyline	
Color	
Number	40

FLOOR PLAN

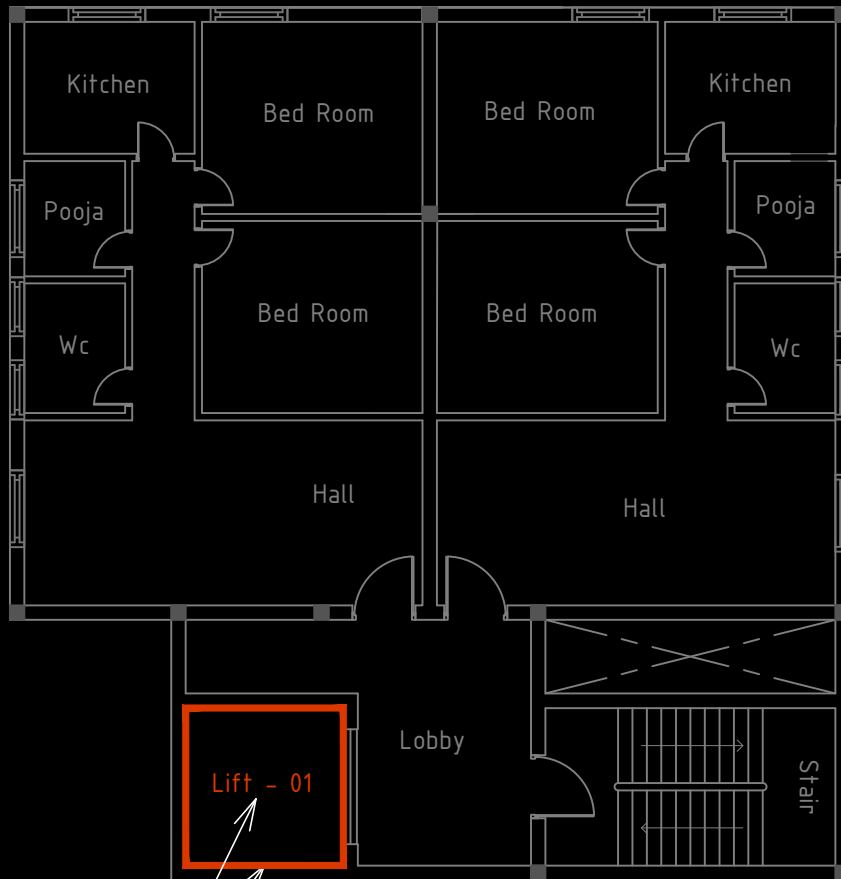| S.No	Description	Layer
22	15 Percentage Prescribed FAR shall be drawn as Polyline in Color No. 4 and text shall be placed inside the Polyline in the same Color.	Applicable Floor Layer

15 PERCENTAGE PRESCRIBED FAR

15% Prescribed FAR

Polyline & Text	
Color	
Number	4

FLOOR PLAN

S.No	Description	Layer
23	Lift shall be drawn as Polyline in Color No. 22 inside the FAR Color Polyline.	Applicable Floor Layer

LIFT

FLOOR PLAN

Lift

Polyline & Text	
Color	
Number	22

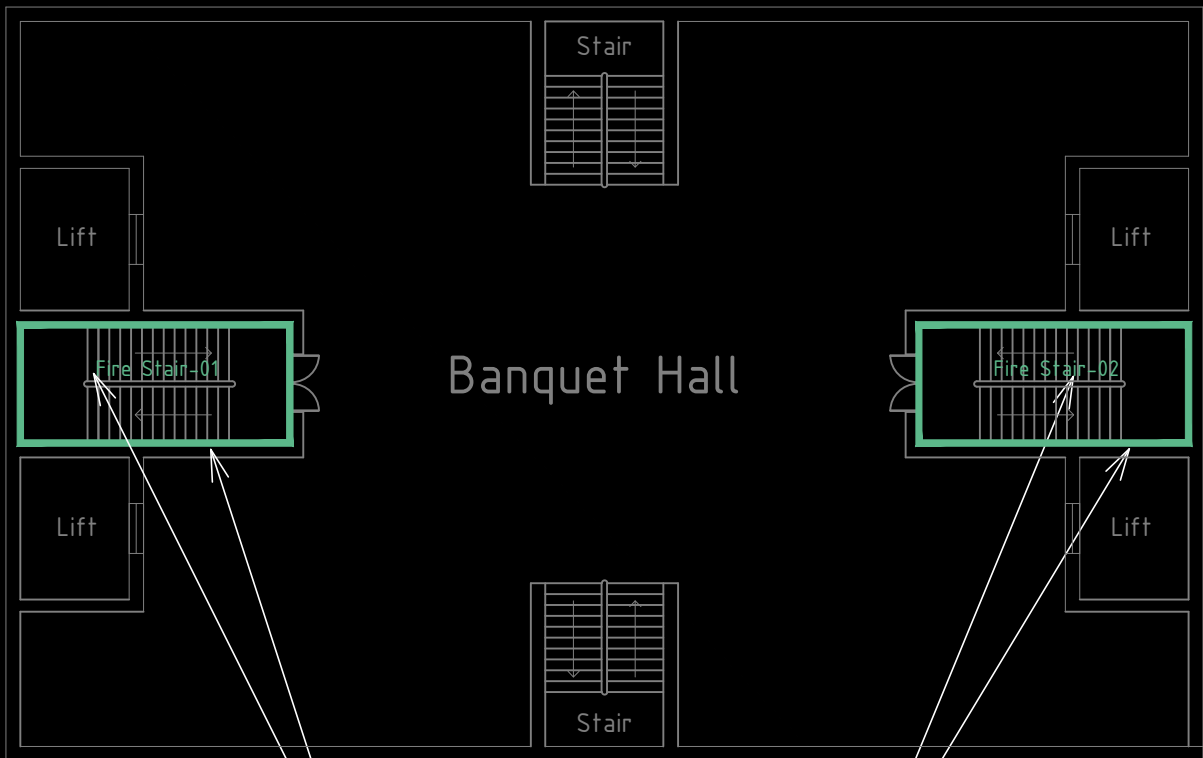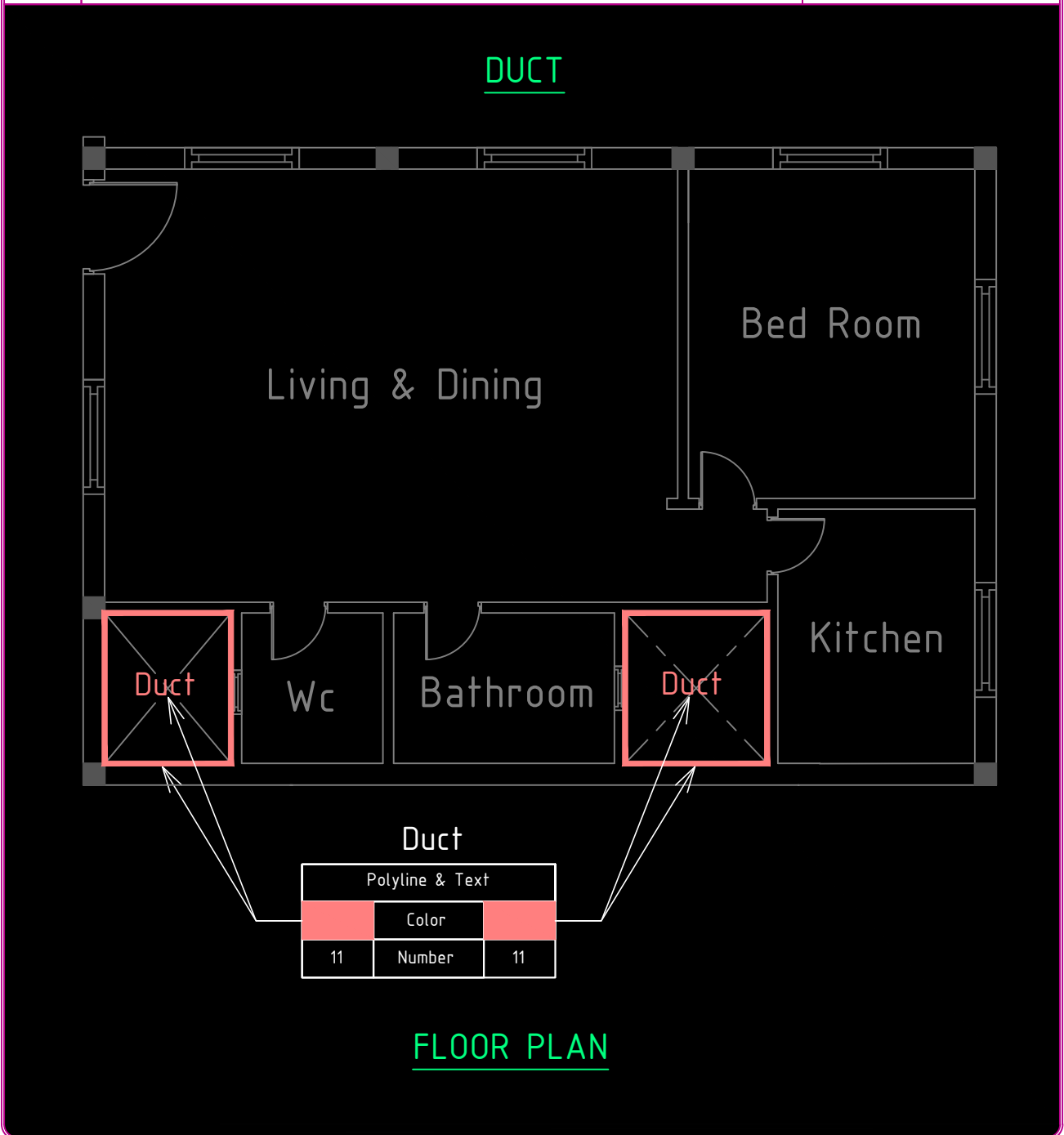| S.No	Description	Layer
24	Stair shall be drawn as Polyline in Color No. 115 and text shall be placed inside the Polyline in the same Color.	Applicable Floor Layer

STAIR

Shop   Shop   Shop   Shop   Shop   Shop   Shop   Shop

Lift

Stair – 01

Shopping Complex

Lift

Lift

Stair – 02

Lift

Shop   Shop   Shop   Shop   Shop   Shop   Shop   Shop
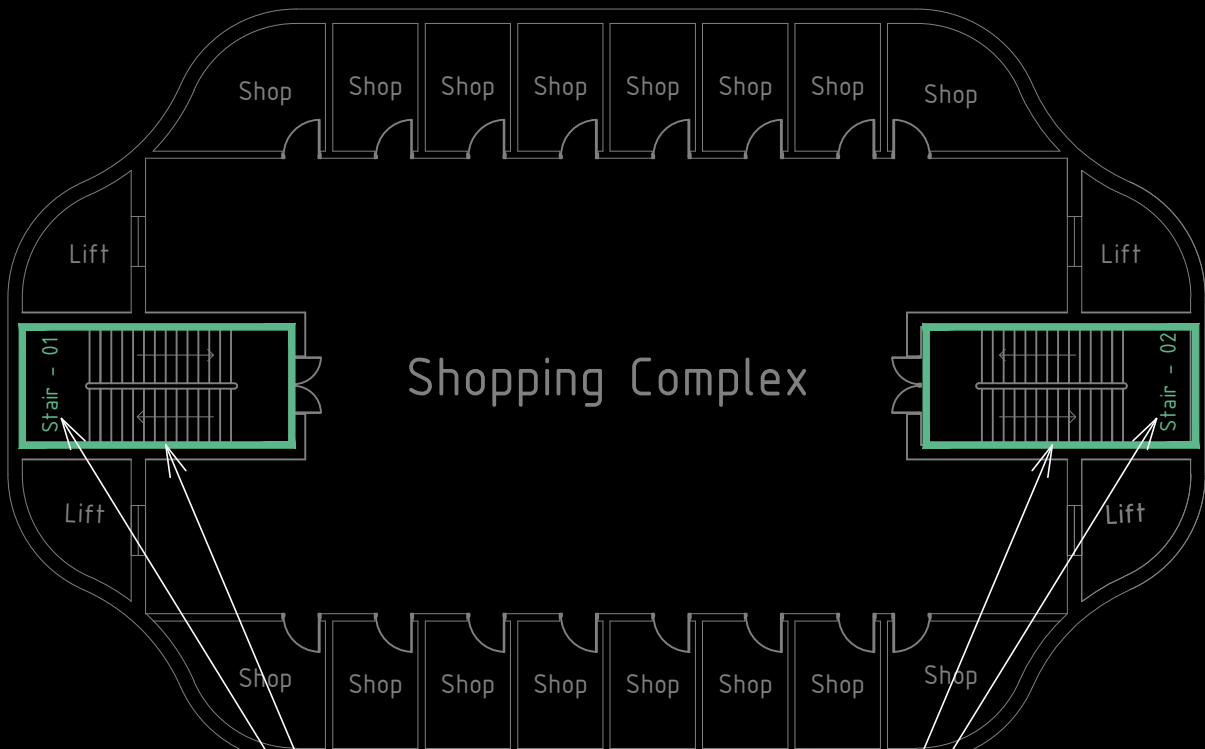
Stair

Polyline & Text		
	Color	
115	Number	115

FLOOR PLAN

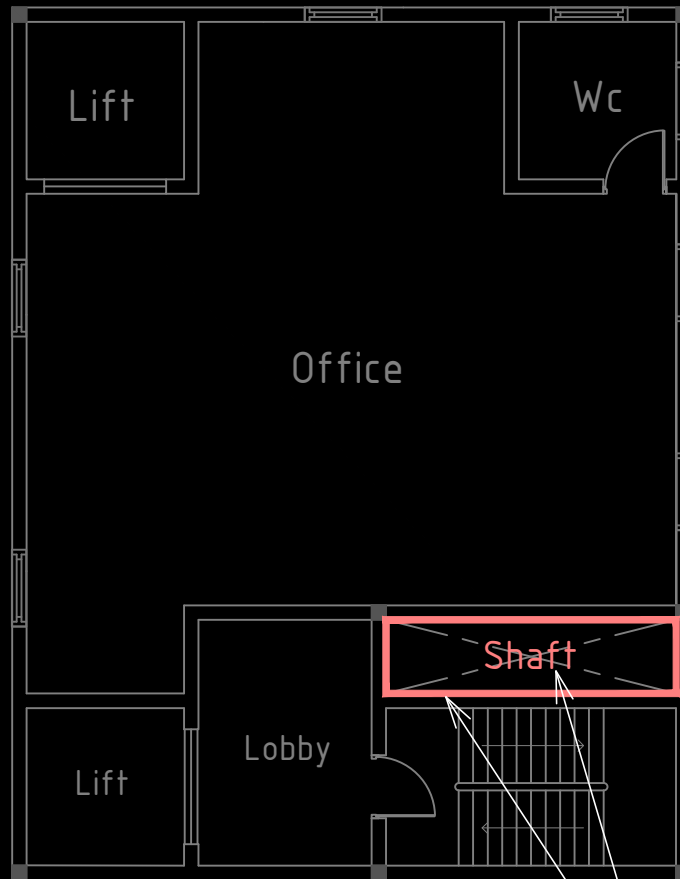| S.No	Description	Layer
25	Fire Stair shall be drawn as Polyline in Color No. 115 and text shall be placed inside the Polyline in the same Color.	Applicable Floor Layer

FIRE STAIR

Stair

Lift

Lift

Fire Stair-01

Banquet Hall

Fire Stair-02

Lift

Lift

Stair

Fire Stair

Polyline & Text		
	Color	
115	Number	115

FLOOR PLAN

S.No	Description	Layer
26	Duct shall be drawn as Polyline in Color No. 11 and text shall be placed inside the Polyline in the same Color.	Applicable Floor Layer

DUCT

FLOOR PLAN

S.No	Description	Layer
27	Shaft shall be drawn as Polyline in Color No. 11 and text Shall be placed inside the Polyline in the same Color.	Applicable Floor Layer

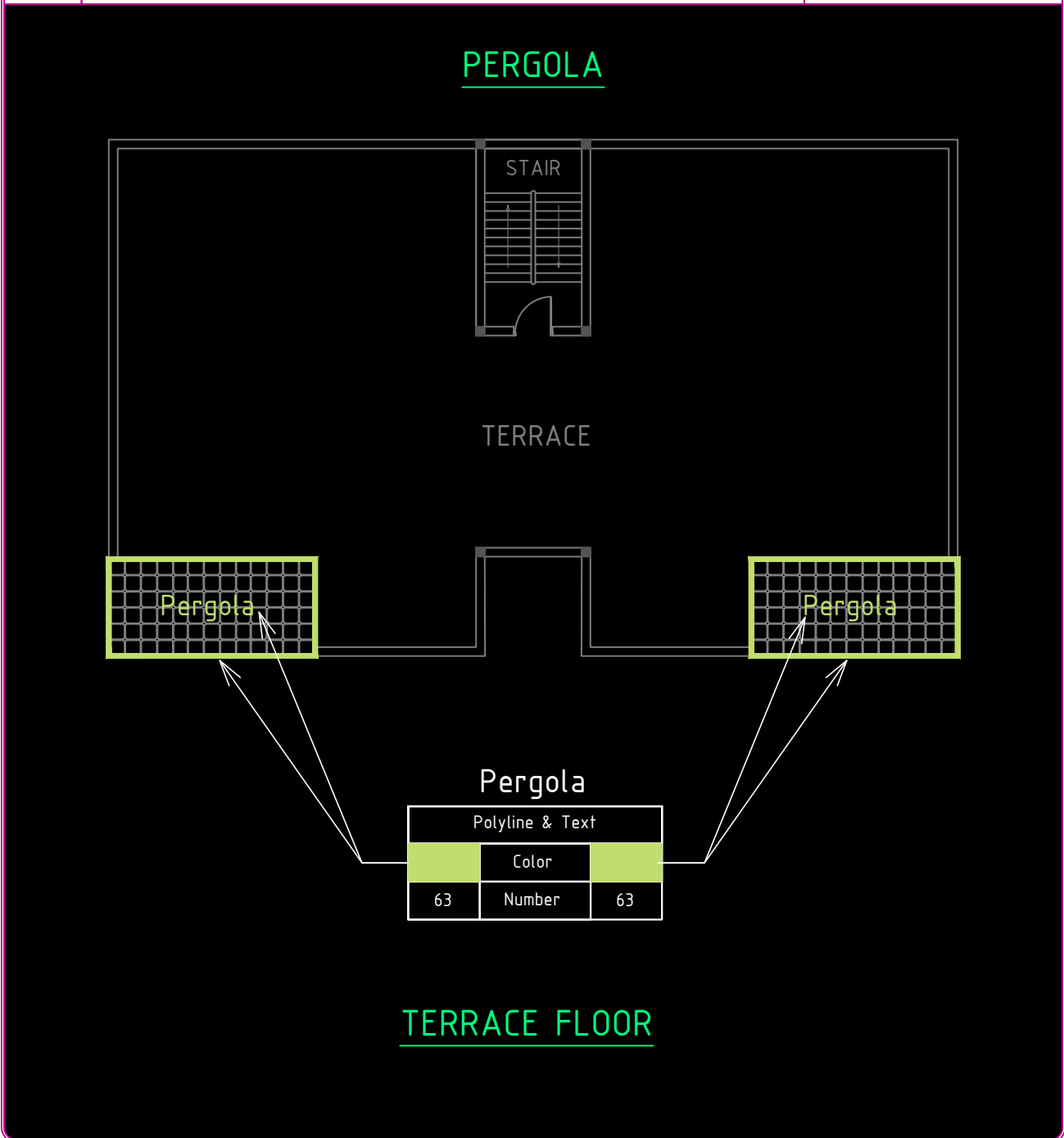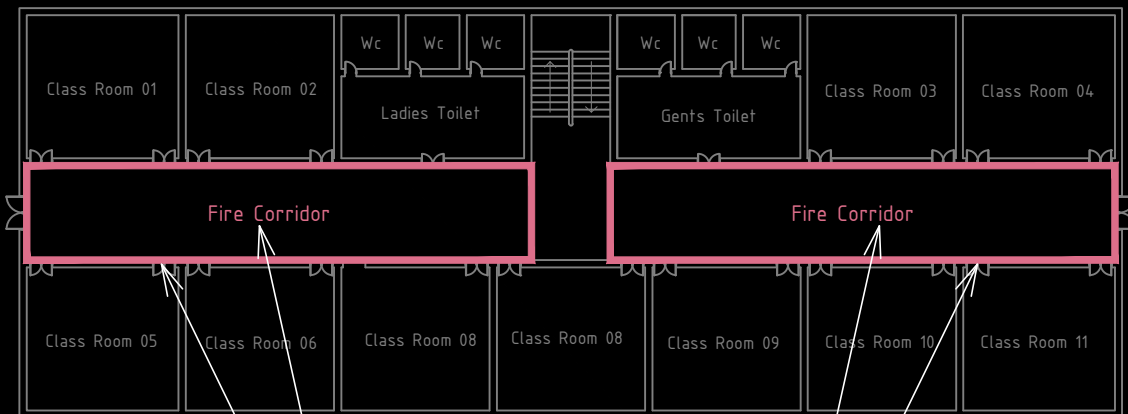SHAFT

FLOOR PLAN

Shaft

Polyline & Text	
	Color
11	Number

S.No	Description	Layer
28	Pergola shall be drawn as Polyline in Color No. 63 and text shall be placed inside the Polyine in the same color.	Applicable Floor Layer

PERGOLA

STAIR

TERRACE

Pergola

Pergola

Pergola

Polyline & Text		
	Color	
63	Number	63

TERRACE FLOOR

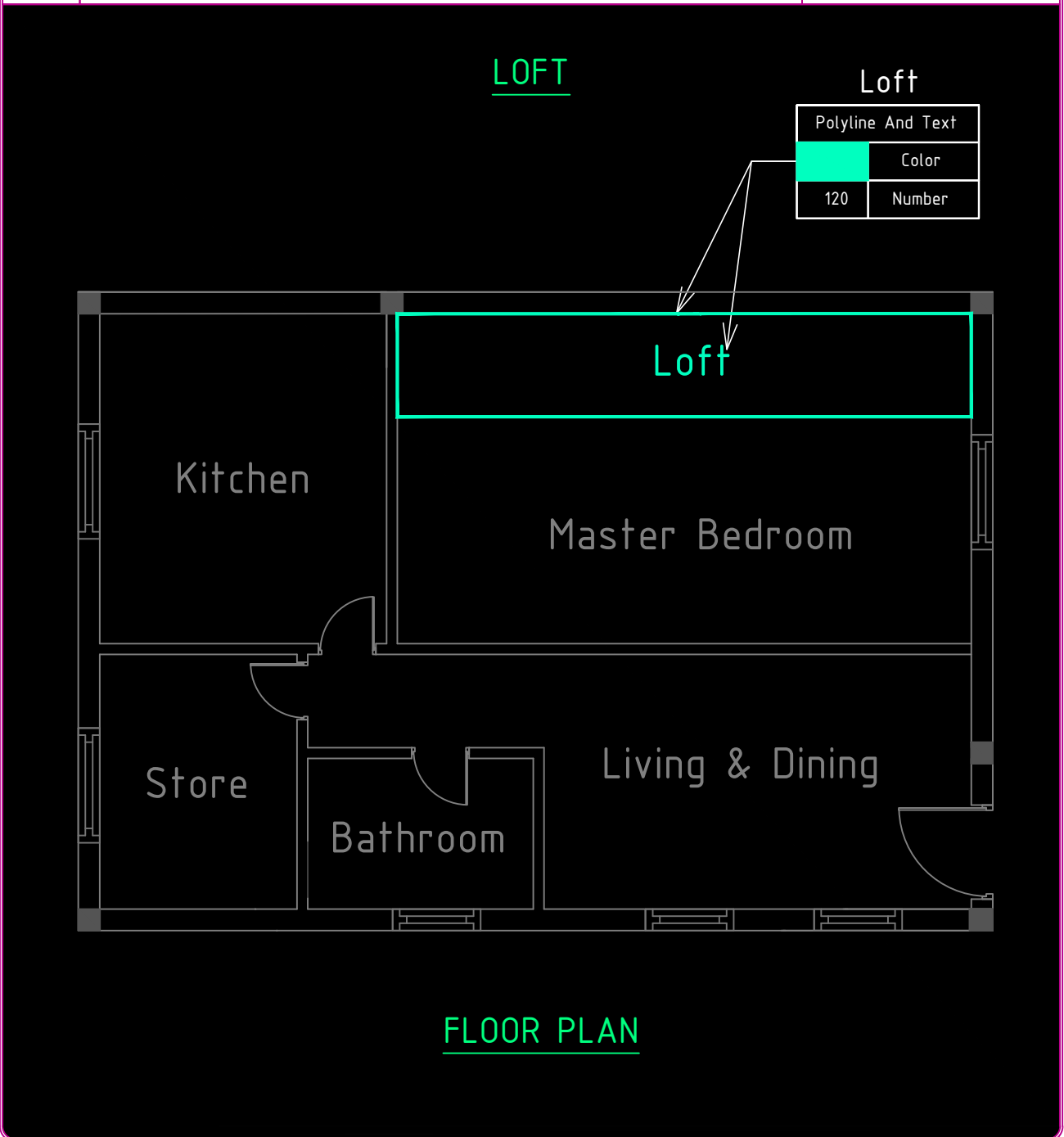| S.No	Description	Layer
29	Fire Corridor shall be drawn as Polyline in Color No. 243 and text shall be placed inside the Polyine in the same color.	Applicable Floor Layer

FIRE CORRIDOR

| Class Room 01 | Class Room 02 | Wc Wc Wc
Ladies Toilet | | | Wc Wc Wc
Gents Toilet | Class Room 03 | Class Room 04 |

Fire Corridor   Fire Corridor

| Class Room 05 | Class Room 06 | Class Room 08 | Class Room 08 | Class Room 09 | Class Room 10 | Class Room 11 |

Fire Corridor

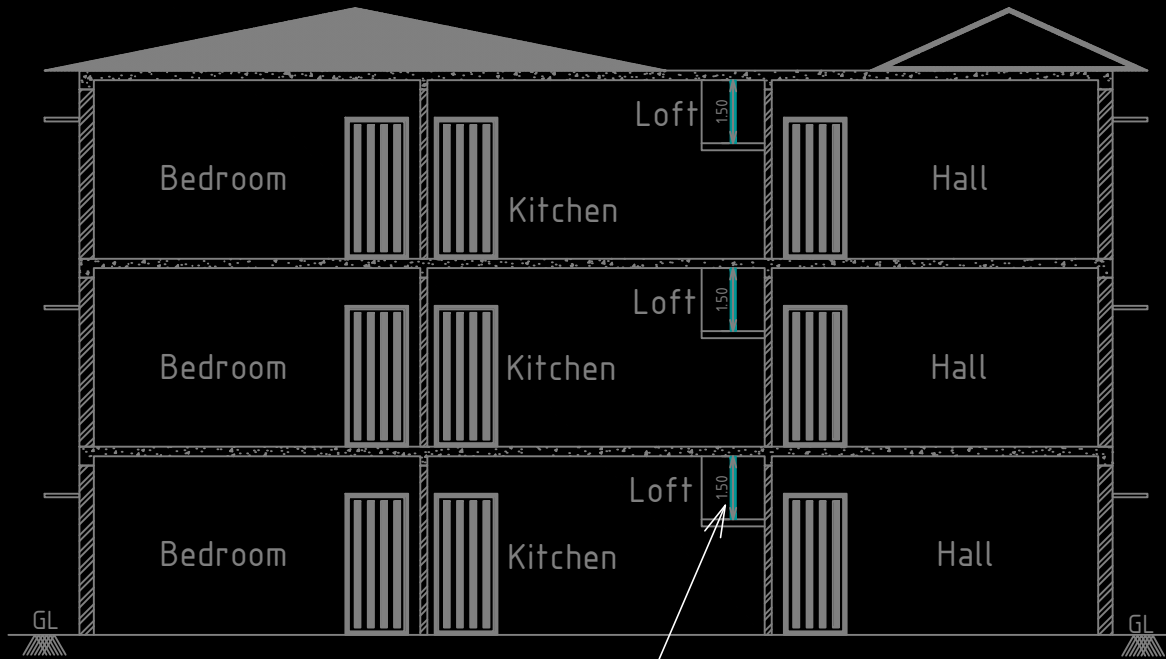| Polyline & Text		
	Color	
243	Number	243

FLOOR PLAN

S.No	Description	Layer
30	Loft shall be drawn as Polyline in Color No. 120 and text shall be placed inside the Polyline in the same Color and it should be drawn inside the FAR Color Polyline.	Applicable Floor Layer

LOFT

Loft

Polyline And Text	
	Color
120	Number

Loft

Kitchen

Master Bedroom

Store

Living & Dining

Bathroom

FLOOR PLAN

S.No	Description	Layer
31	Loft Height Shall be drawn as line in Color No. 136.	Applicable Floor Layer

LOFT HEIGHT AND LOFT HEADROOM HEIGHT

Loft Height	
Line	
Color	
Number	136

SECTION

S.No	Description	Layer
32	Mechanized Parking Area shall be drawn as Polyline in Color No. 213 and text shall be placed inside the Polyline in the same color.	Applicable Floor Layer

MECHANIZED PARKING

Building

MP-LEVEL 3
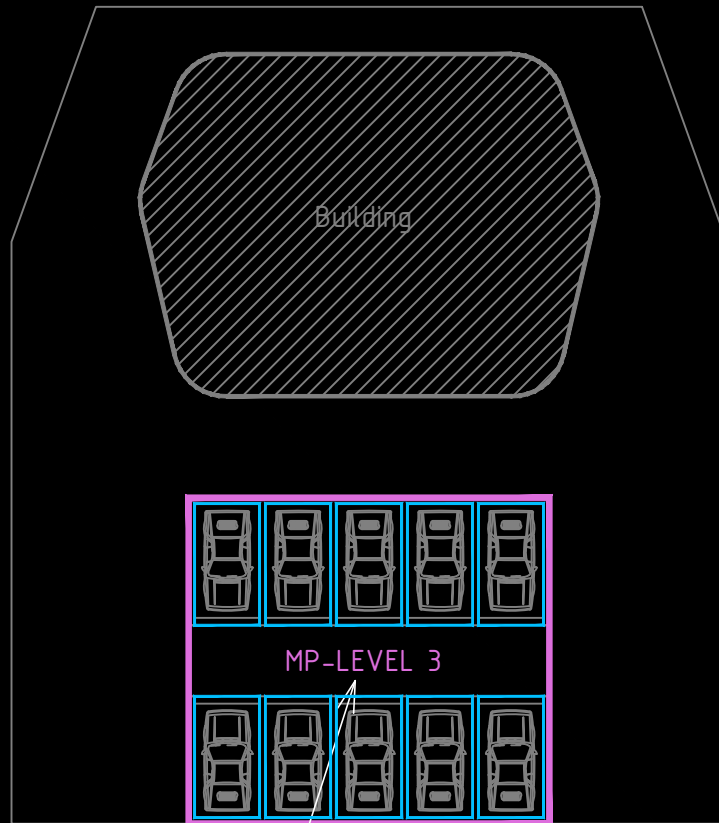
Mechanized
Parking

Polyline & Text	
Color	
Number	213

SITE PLAN

S.No	Description	Layer
33	Mechanized Parking Level Height shall be drawn as line in Color No. 236.	Applicable Floor Layer

MECHANIZED PARKING LEVEL HEIGHT

2.10

Mechanized Parking
Level Height

Line	
Color	
Number	236

SECTION

S.No	Description	Layer
34	Cantilever Balcony shall be drawn as Polyline in Color No. 35 outside the FAR Color Polyline. Note: Whenever L shape balcony need to provide, Kindly split and Provide as below.	Applicable Floor Layer

CANTILEVER BALCONY

Normal Balcony

Polyline	
Color	
Number	35

" L" Shape Balcony

Polyline	
	Color
35	Number

BALCONY

BALCONY

Kitchen

Bed Room

Bed Room

Kitchen

Pooja

Pooja

Wc

Bed Room

Bed Room

Wc

BALCONY

Hall

Hall

Lobby

Stair

FLOOR PLAN

S.No	Description	Layer
35	Cupboard shall be drawn as Polyline in Color No. 163 outside FAR Color Polyline.	Applicable Floor Layer

CUPBOARD

Cupboard

Polyline	
Typ.	Color
163	Number
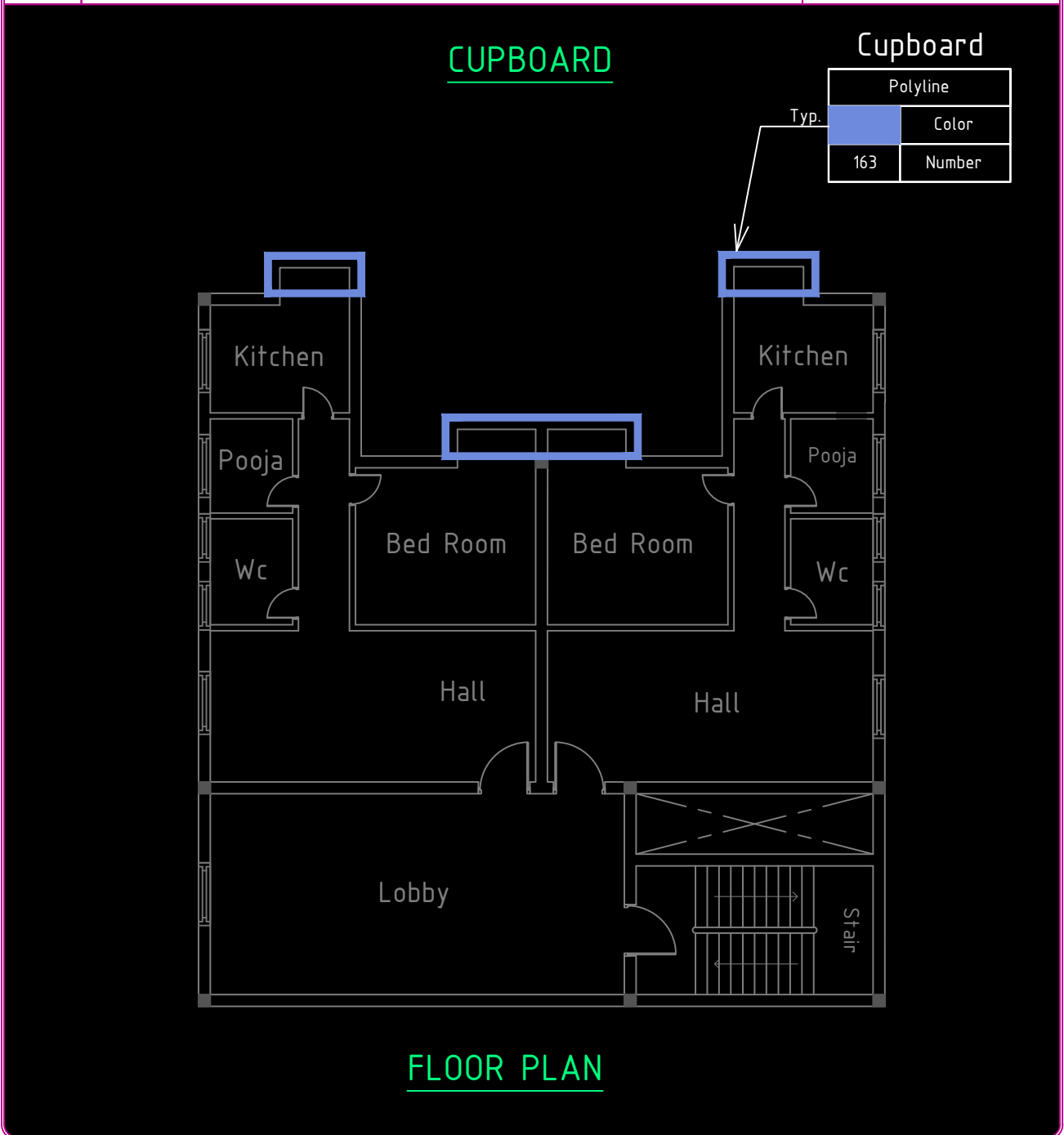
FLOOR PLAN

S.No	Description	Layer
36	Bay Window shall be drawn as Polyline in Color No. 162 outside the FAR Color Polyline.	Applicable Floor Layer

BAY WINDOW

Professional Office

Bay Window

Polyline	
Color	
Number	162

Typ.

FLOOR PLAN

S.No	Description	Layer
37	Chajja Projection shall be drawn as Polyline in Color No. 85 outside the FAR Color Polyline.	Applicable Floor Layer

CHAJJA PROJECTION

Office
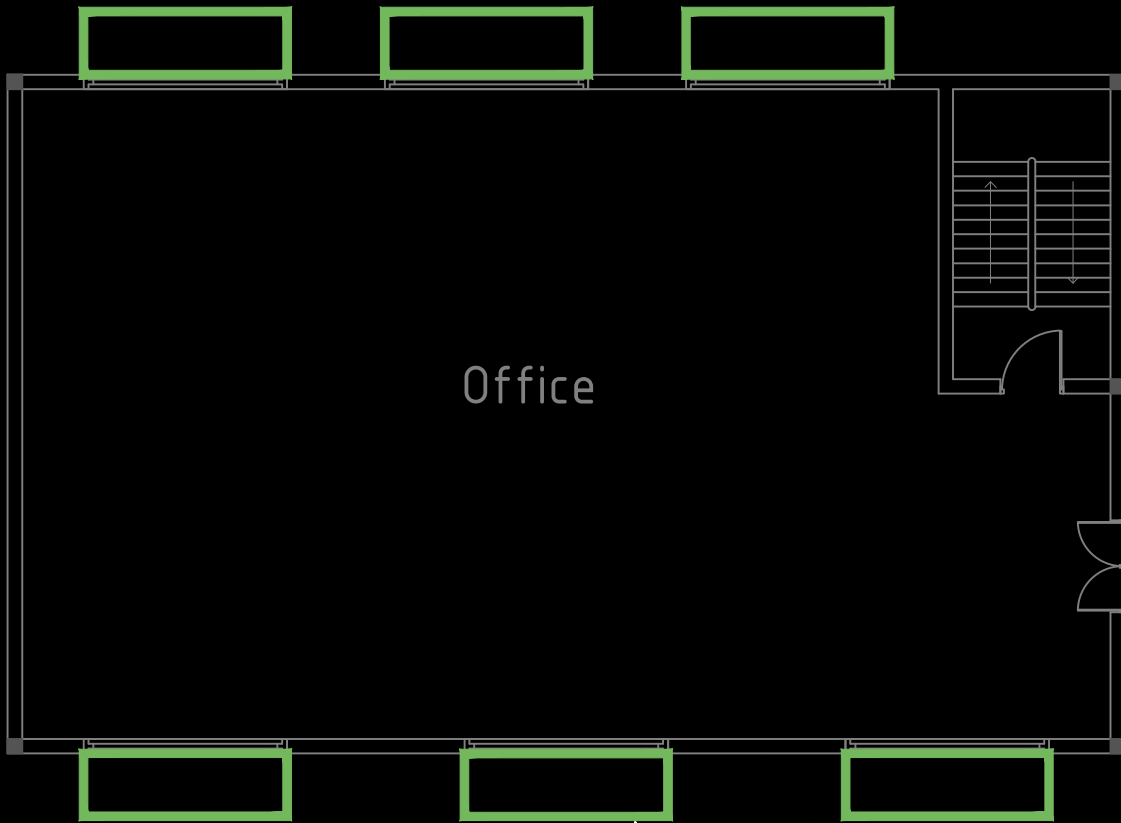
Chajja
Projection

Polyline	
	Color
85	Number

Typ.

FLOOR PLAN

S.No	Description	Layer
38	Cantilever Projection shall be drawn as Polyline in Color No. 219 outside the FAR Color Polyline.	Applicable Floor Layer

CANTILEVER PROJECTION

Office

Cantiliver Projection

Polyline	
Color	
Number	219

Typ.

FLOOR PLAN

S.No	Description	Layer
39	Decorative Column shall be drawn as Polyline in Color No. 113 outside the FAR Color Polyline.	Applicable Floor Layer

DECORATIVE COLUMN PROJECTION

Religious Centre
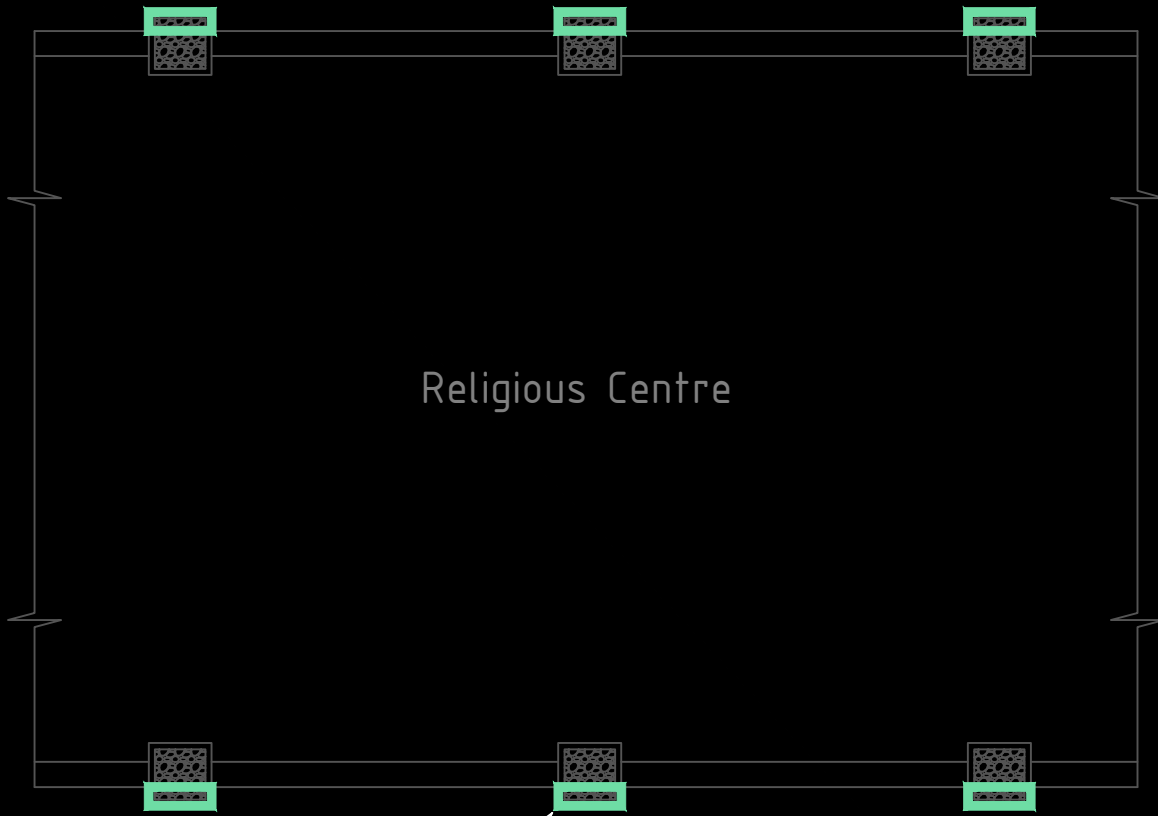
Decorative Column

Polyline	
Color	
Number	113

FLOOR PLAN

S.No	Description	Layer
40	Moulding Cornice shall be drawn as Polyline in Color No. 71 outside the FAR Color Polyline.	Applicable Floor Layer

MOULDING CORNICE

Terrace

Moulding Cornice

Polyline	
Color	
Number	71

FLOOR PLAN

S.No	Description	Layer
41	Jali Projection shall be drawn as Polyline in Color No. 14 outside the FAR Color Polyline.	Applicable Floor Layer

JALI PROJECTION

Jali Projection

Polyline & Text	
Color	
Number	14

Class Room 11 | Class Room 12 | Class Room 13

Corridor

Class Room 01 | Class Room 02 | Class Room 03
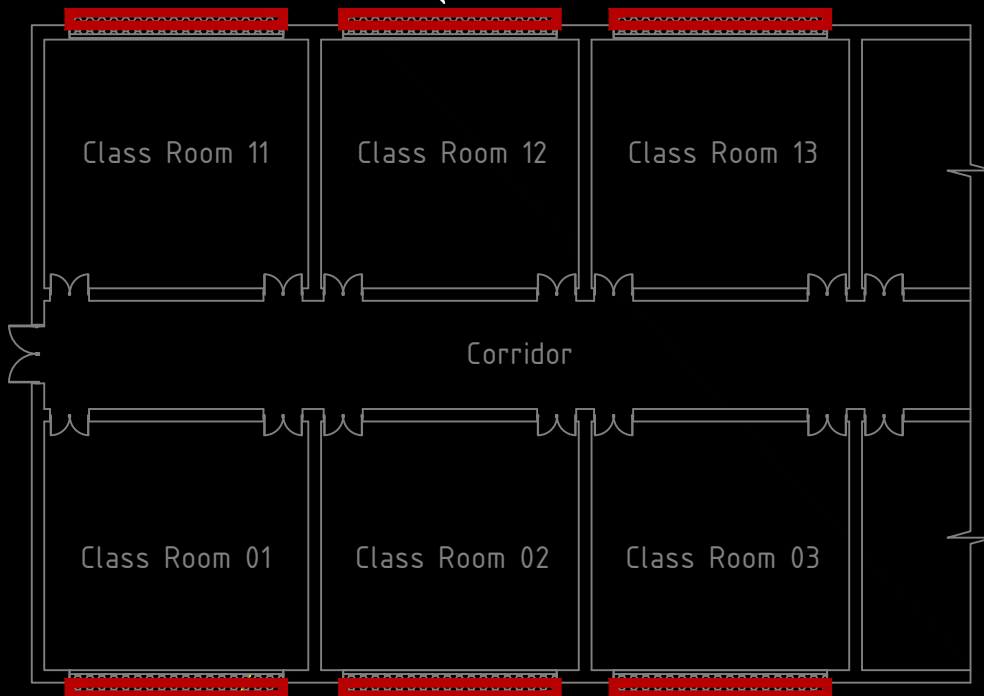
FLOOR PLAN

S.No	Description	Layer
42	Planter Device shall be drawn as Polyline in Color No. 99 outside the FAR Color Polyline.	Applicable Floor Layer

PLANTER DEVICE

Terrace
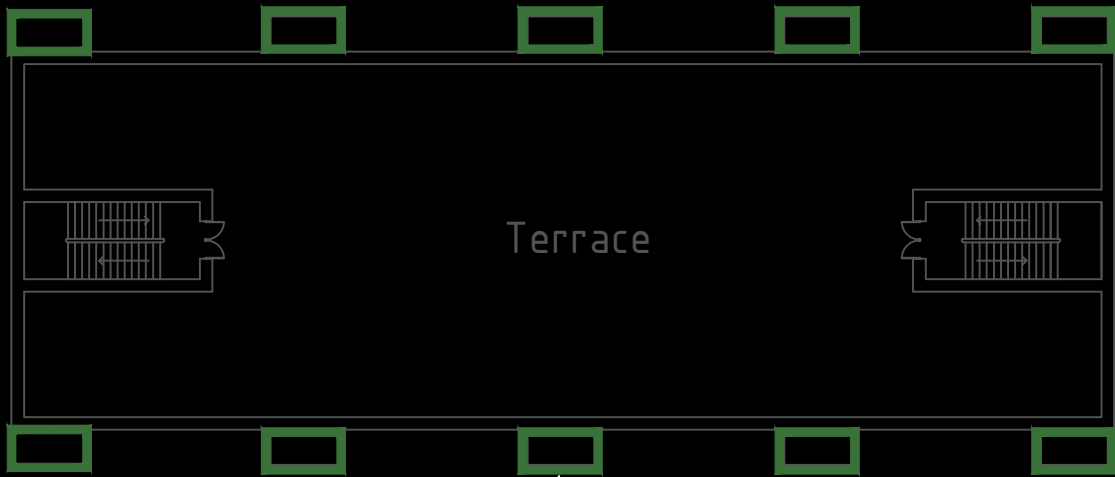
Planter Device

Polyline	
Color	
Number	99

FLOOR PLAN

S.No	Description	Layer
43	Floor Height shall be drawn as line in Color No. 91.	Applicable Floor Layer

FLOOR HEIGHT

Floor Height

Line	
Color	
Number	91

Water tank

Head Room

Bedroom	Kitchen	Living		2.85
Bedroom	Kitchen	Living	2.85	2.85
Bedroom	Kitchen	Living	2.85	2.85
Bedroom	Kitchen	Living	2.85	2.85
GL Bedroom	Kitchen	Living	2.85	2.85 GL
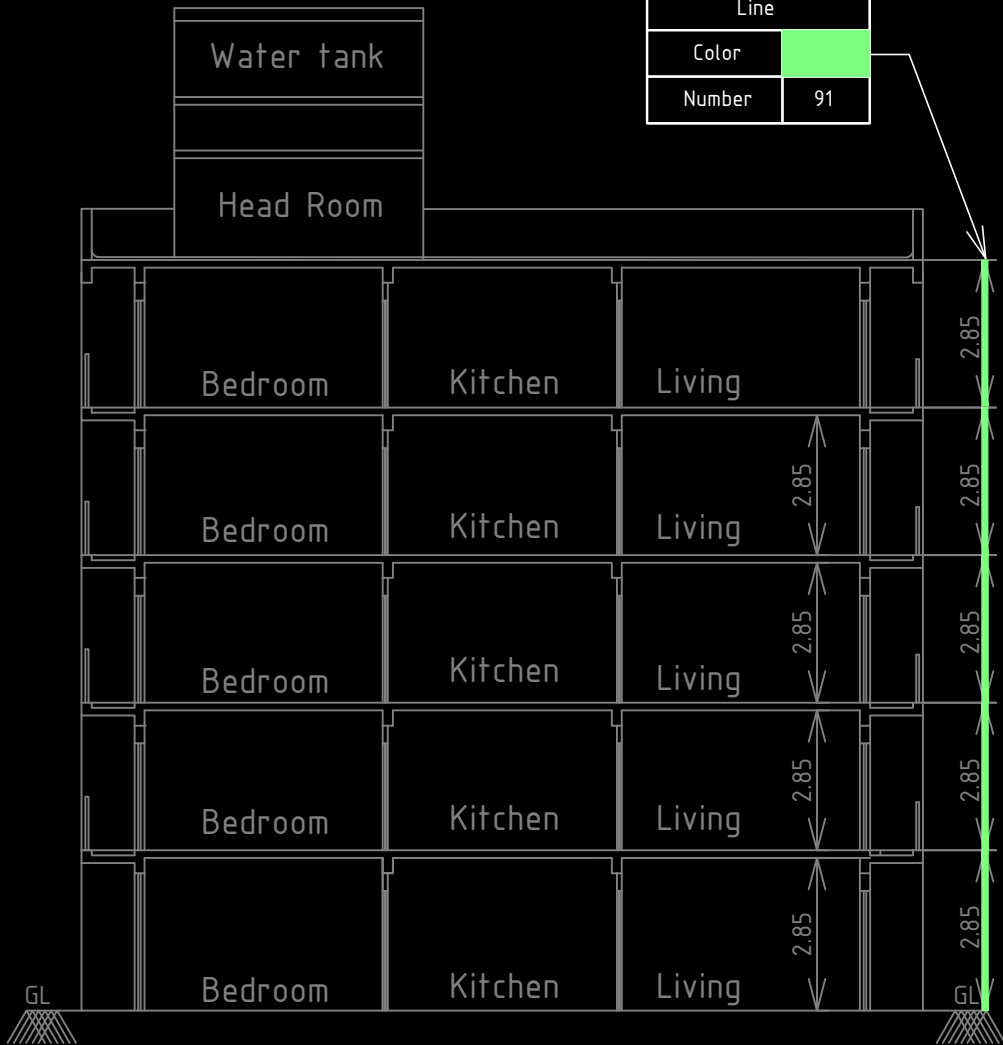
SECTION

S.No	Description	Layer
44	Car Parking Stall shall be drawn as Polyline in Color No. 140.	Applicable Floor Layer

CAR PARKING STALL

Block   Block
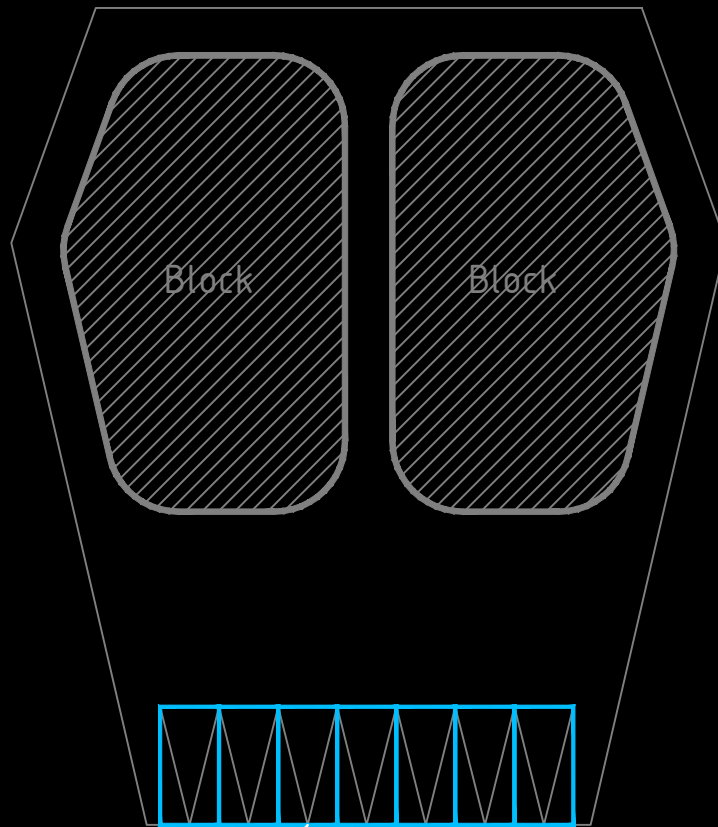
Car Parking Stall

Polyline	
Color	
Number	140

SITE PLAN

S.No	Description	Layer
45	Scooter Parking Stall shall be drawn as Polyline in Color No. 101.	Applicable Floor Layer

SCOOTER PARKING STALL

Block   Block
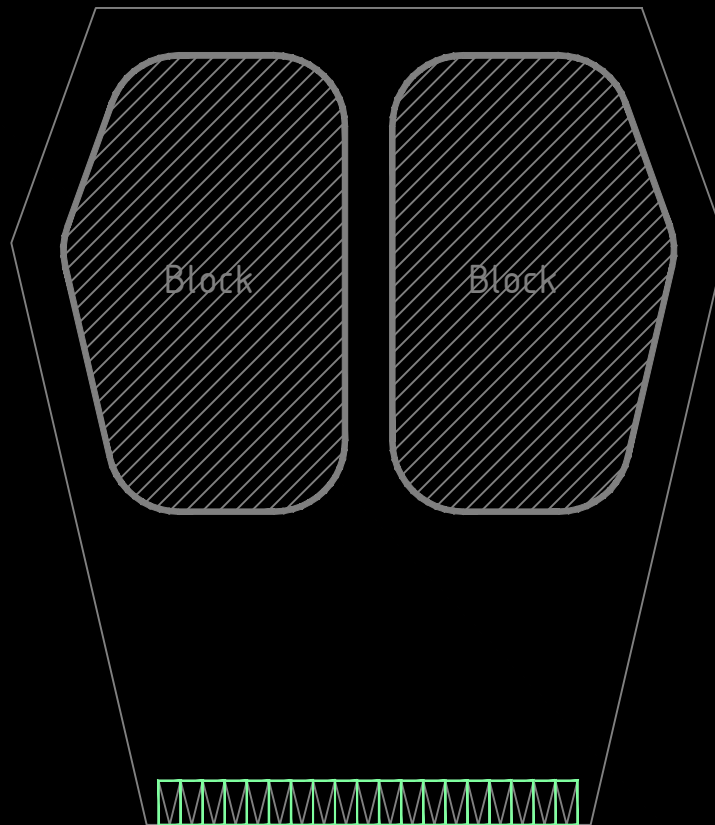
Scooter Parking Stall

Polyline	
Color	
Number	101

SITE PLAN

S.No	Description	Layer
46	Cycle Parking Stall Stall shall be drawn as Polyline in Color No. 215.	Applicable Floor Layer

CYCLE PARKING STALL
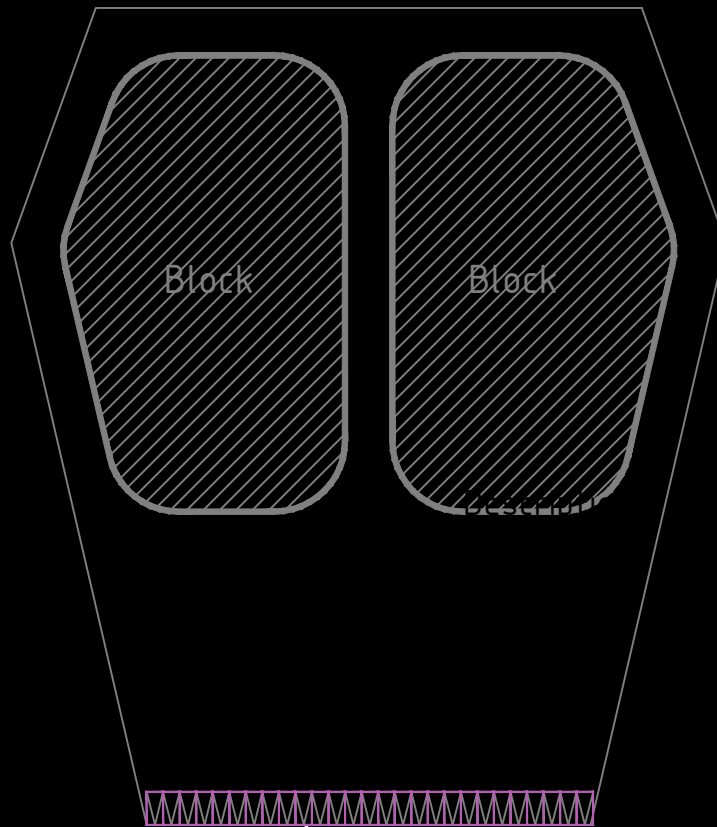
Cycle Parking Stall

Polyline	
Color	
Number	215

SITE PLAN

S.No	Description	Layer
47	Typical Floor Text Shall be Provided in Color No. 7. Note: Typical text should be kept in the starting floor layer as per below sample Floor01 to Floor03 Typical. Text should be in FLOOR01 Layer.	Applicable Floor Layer

TYPICAL FLOOR TEXT – TYPE 1

Class Room 01 | Class Room 02 | Wc Wc Wc | Ladies Toilet | Wc Wc Wc | Gents Toilet | Class Room 03 | Class Room 04

Primary School

Corridor   Corridor

Class Room 05 | Class Room 06 | Class Room 08 | Class Room 08 | Class Room 09 | Class Room 10 | Class Room 11

GROUND FLOOR

Class Room 01 | Class Room 02 | Wc Wc Wc | Ladies Toilet | Wc Wc Wc | Gents Toilet | Class Room 03 | Class Room 04

Primary School

Corridor   Corridor

Class Room 05 | Class Room 06 | Class Room 08 | Class Room 08 | Class Room 09 | Class Room 10 | Class Room 11

TYPICAL FLOOR PLANS FIRST , SECOND , THIRD

FLOOR01,FLOOR02,FLOOR03–TYPICAL

Typical Floor

Text	
Color	
Number	7

S.No	Description	Layer
48	Typical Floor Text Shall be Provided in Color No. 7. Note: Typical text should be kept in the starting floor layer as per below sample Floor01 to Floor03 Typical. Text should be in FLOOR01 Layer.	Applicable Floor Layer

TYPICAL FLOOR TEXT – TYPE 2

GROUND FLOOR
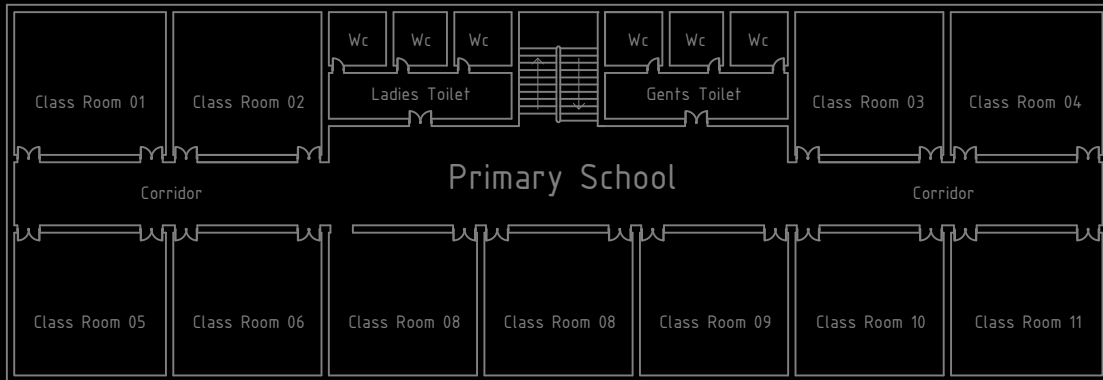
TYPICAL FLOOR PLANS FIRST , SECOND , THIRD

FLOOR01 TO FLOOR03-TYPICAL

Typical Floor

Text	
Color	
Number	7

14.3   OBJECTS TO BE DRAWN IN FLOOR-SERVICE
(OR)
FLOOR-MFGROUNDTO01
(OR)
FLOOR-TERRACE

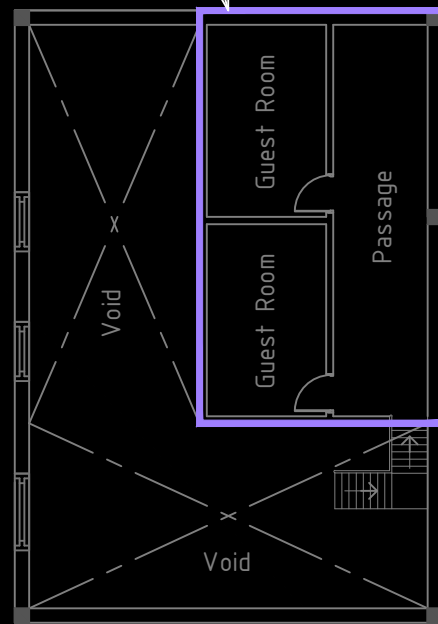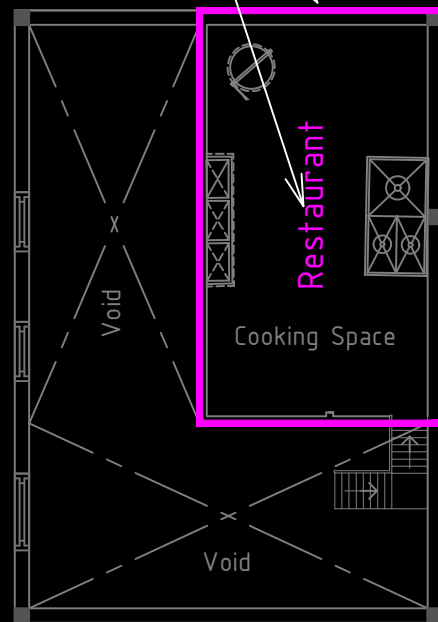| S.No	Description	Layer
1	Mezzanine floor polyline shall be drawn in the respective Mezzanine floor layer, which shall be given as FLOOR-MFGROUNDTO01, if it is between Ground floor (FLOOR-GROUND) to First Floor (FLOOR01).	In the same layer as that of the Mezzanine floor

MEZZANINE FLOOR RESIDENTIAL

Mezzanine Floor

Polyline	
Color	
Number	181
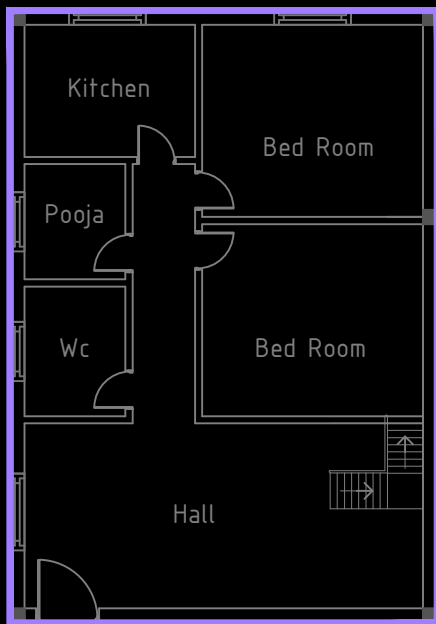
GROUND FLOOR

MEZZANINE FLOOR

S.No	Description	Layer
2	Mezzanine floor polyline shall be drawn in the respective Mezzanine floor layer, which shall be given as FLOOR-MFGROUNDTO01, if it is between Ground floor (FLOOR-GROUND) to First Floor (FLOOR01).	In the same layer as that of the Mezzanine Floor

MEZZANINE FLOOR COMMERCIAL

Mezzanine Floor

Polyline & Text	
Color	
Number	06

Restaurant

Cooking Space

Void

Void

Restaurant
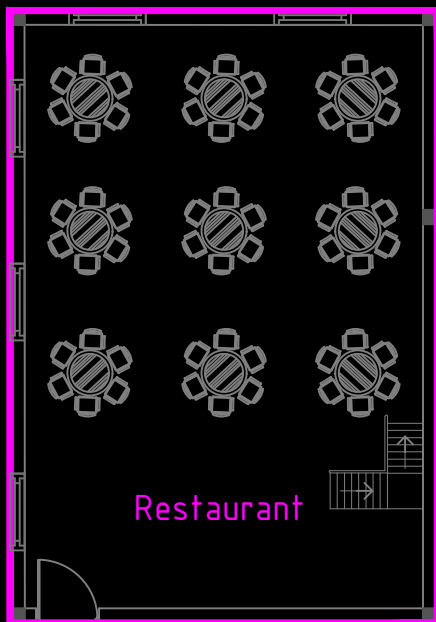
GROUND FLOOR   MEZZANINE FLOOR

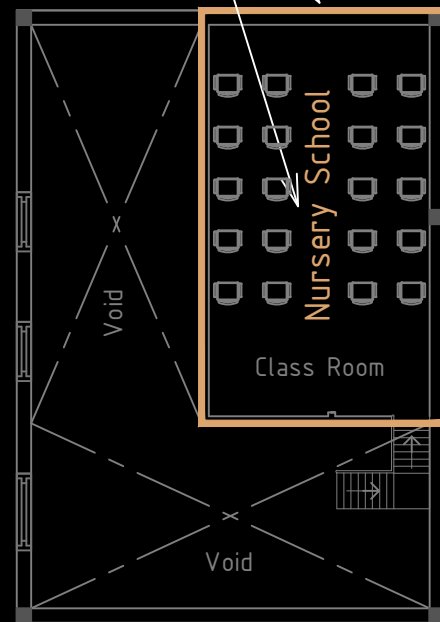| S.No	Description	Layer
3	Mezzanine floor polyline shall be drawn in the respective Mezzanine floor layer, which shall be given as FLOOR-MFGROUNDTO01, if it is between Ground floor (FLOOR-GROUND) to First Floor (FLOOR01).	In the same layer as that of the Mezzanine floor

MEZZANINE FLOOR INSTITUTIONAL

Mezzanine Floor

| Polyline & Text	
Color	
Number	33

Nursery School

Class Room

GROUND FLOOR

Nursery School

Void

Void
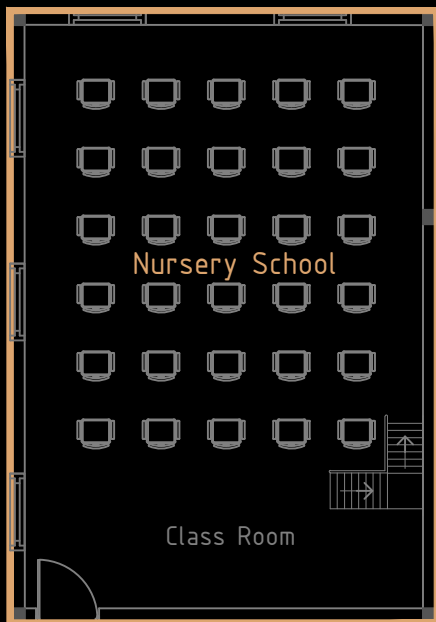
MEZZANINE FLOOR

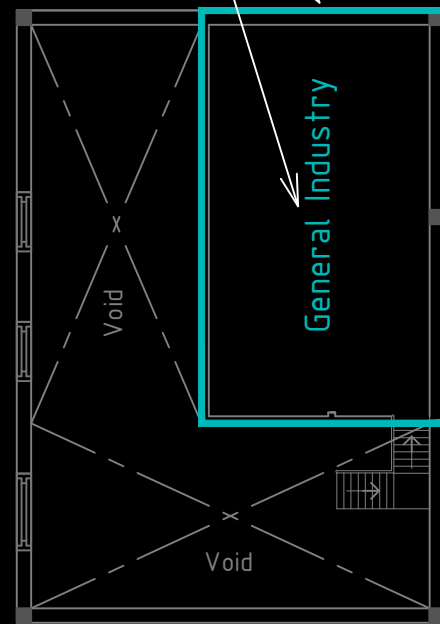| S.No	Description	Layer
4	Mezzanine floor polyline shall be drawn in the respective Mezzanine floor layer, which shall be given as FLOOR-MFGROUNDTO01, if it is between Ground floor (FLOOR-GROUND) to First Floor (FLOOR01).	In the same layer as that of the Mezzanine floor

MEZZANINE FLOOR INDUSTRIAL

Mezzanine Floor

Polyline & Text	
Color	
Number	134

General Industry

General Industry

Void

Void
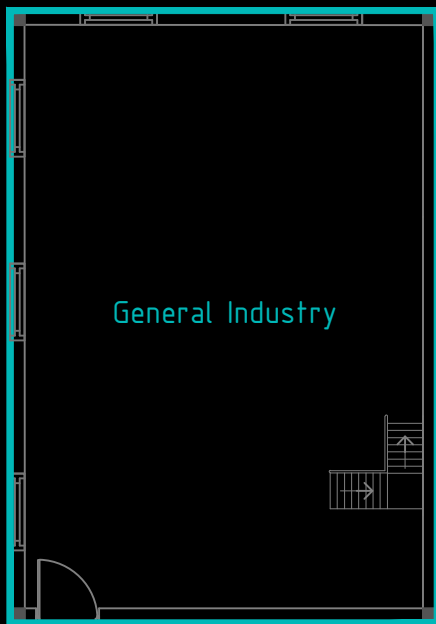
GROUND FLOOR

MEZZANINE FLOOR

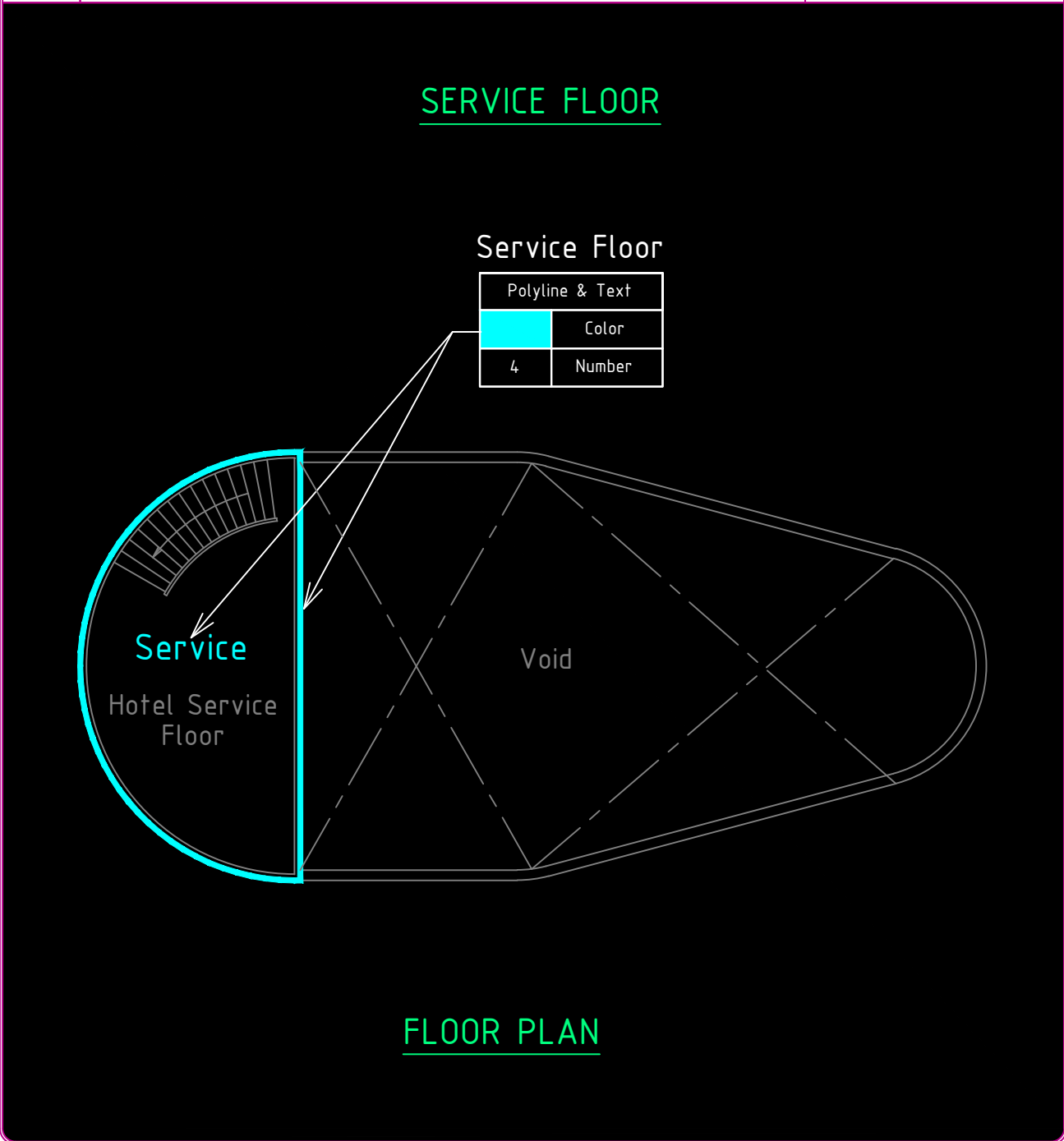| S.No	Description	Layer
5	Mezzanine floor height shall be drawn as line in Color No. 91.	In the same layer as that of the Mezzanine floor

## MEZZANINE FLOOR HEIGHT

Mezzanine Floor Height

Line	
	Color
91	Number

First Floor

Mezzanine Floor

Void

GL

Ground Floor

GL
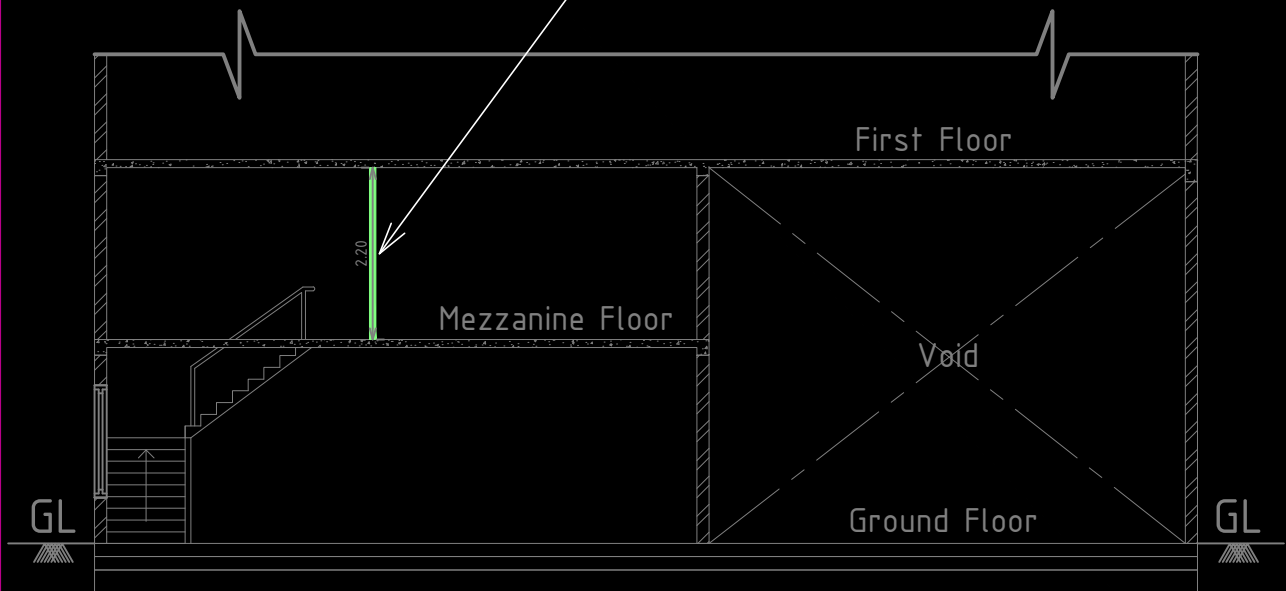
SECTION

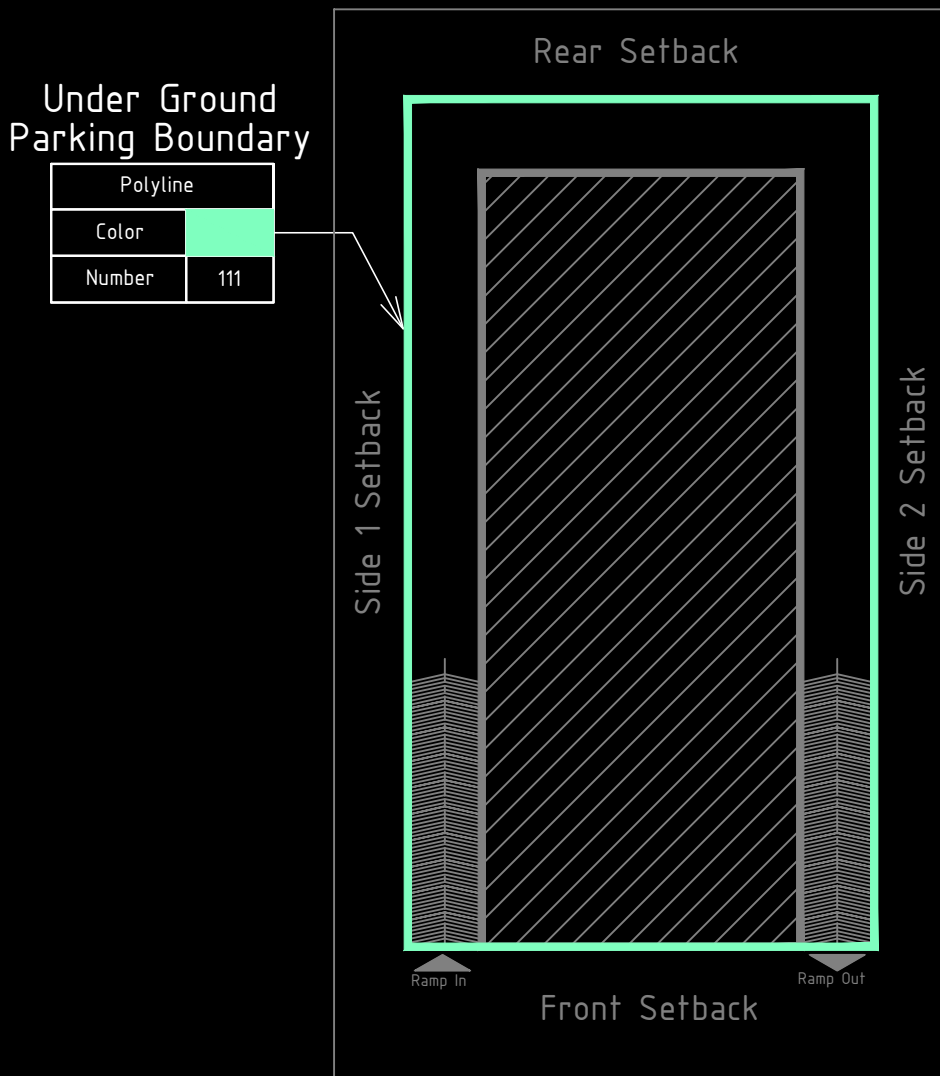| S.No	Description	Layer
6	Service floor polyline shall be drawn in the respective Service floor layer, which shall be given as FLOOR-SFGROUNDTO01, if it is between Ground floor (FLOOR-GROUND) to First Floor (FLOOR01).	In the same layer as that of the Service floor

SERVICE FLOOR

Service Floor

Polyline & Text	
	Color
4	Number

Service

Hotel Service Floor

Void

FLOOR PLAN

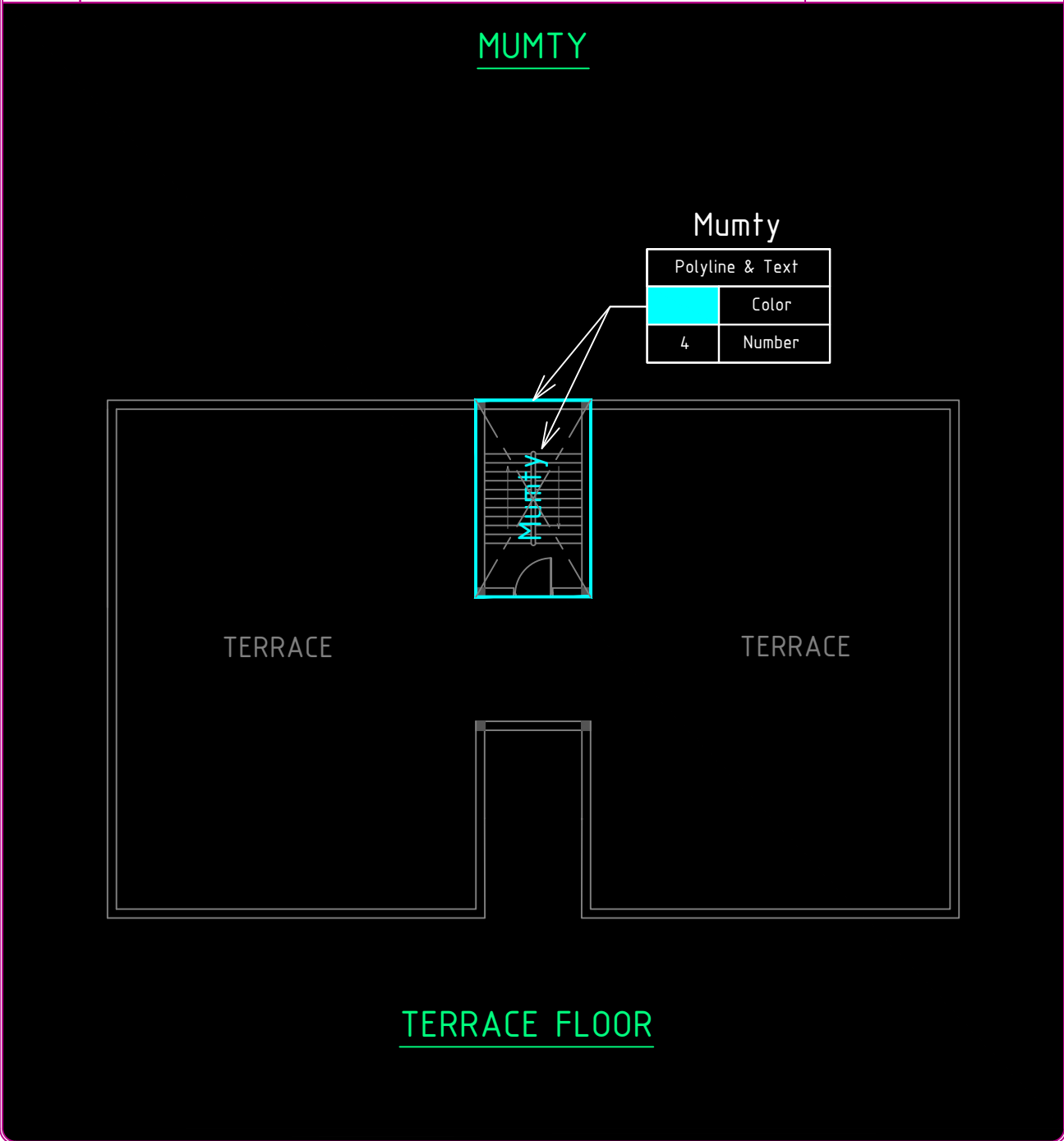| S.No	Description	Layer
7	Service floor height shall be drawn as line in Color No. 91.	In the same layer as that of the Service floor

SERVICE FLOOR HEIGHT

Service Floor Height

Line	
	Color
91	Number

Service Floor

Void

GL

GL

SECTION
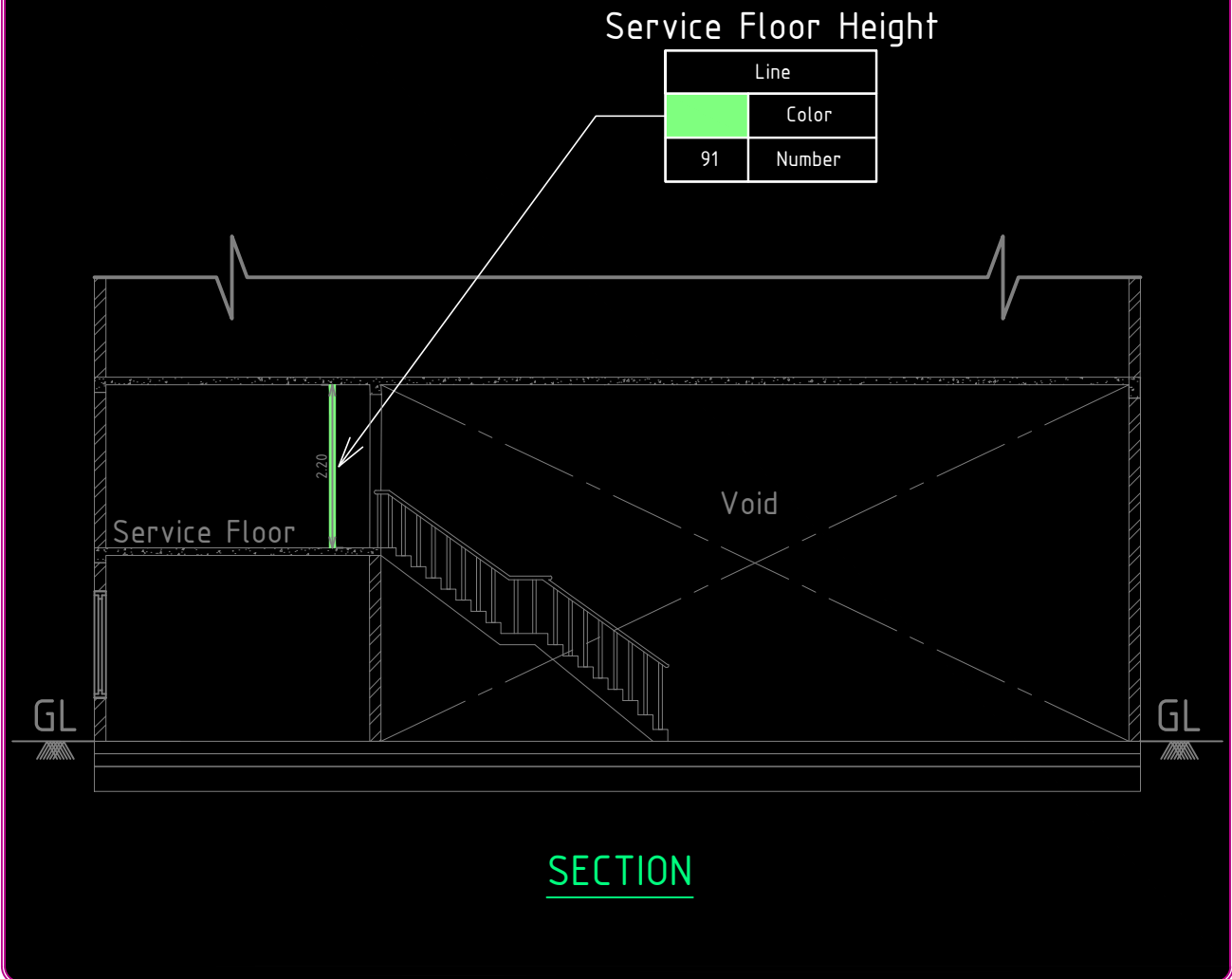
S.No	Description	Layer
8	Under Ground Parking Boundary shall be drawn as Polyline in Color No. 111. Note: It should be kept only in the Site Plan.	FLOOR-UNDER GROUND

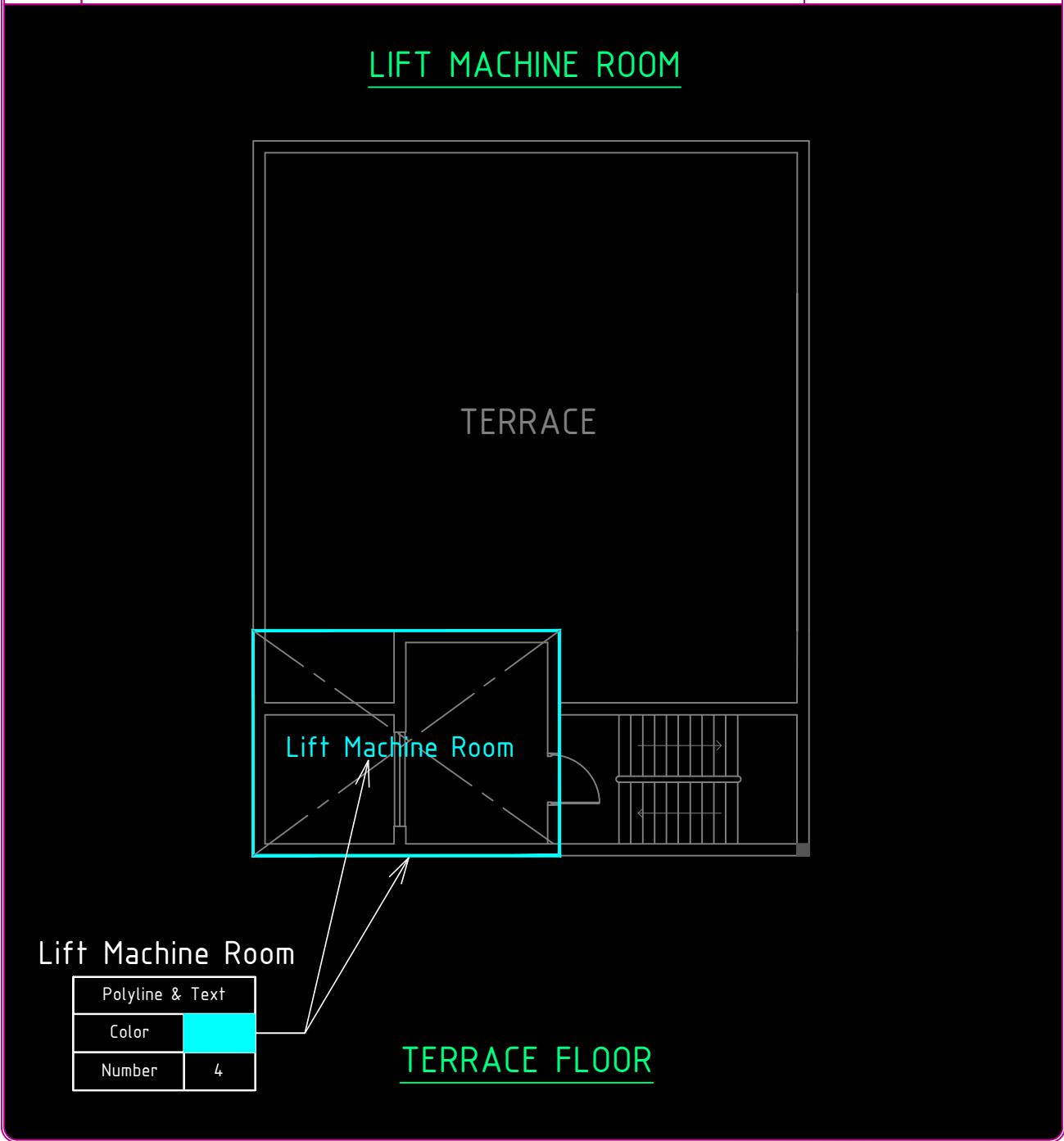| S.No	Description	Layer
9	Mumty shall be drawn as Polyline in Color No. 4 and text shall be placed inside the Polyine in the same color.	FLOOR-TERRACE

MUMTY

Mumty

Polyline & Text	
	Color
4	Number

TERRACE

Mumty

TERRACE
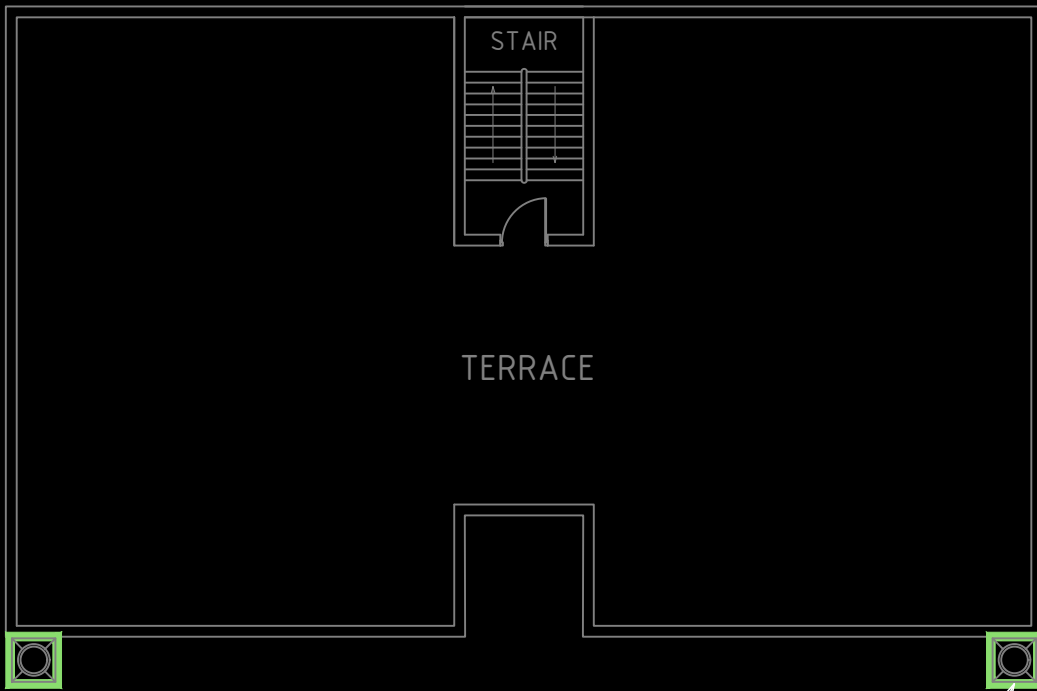
TERRACE FLOOR

S.No	Description	Layer
10	Lift Machine Room shall be drawn as Polyline in Color No. 4 and text Shall be placed inside the Polyline in the same Color.	FLOOR-TERRACE

LIFT MACHINE ROOM

TERRACE

Lift Machine Room

Lift Machine Room

Polyline & Text	
Color	
Number	4

TERRACE FLOOR

S.No	Description	Layer
11	Rain Water pipe Cover shall be drawn as Polyline in Color No. 83 outside the FAR Color Polyline.	FLOOR-TERRACE

RAIN WATER PIPE COVER
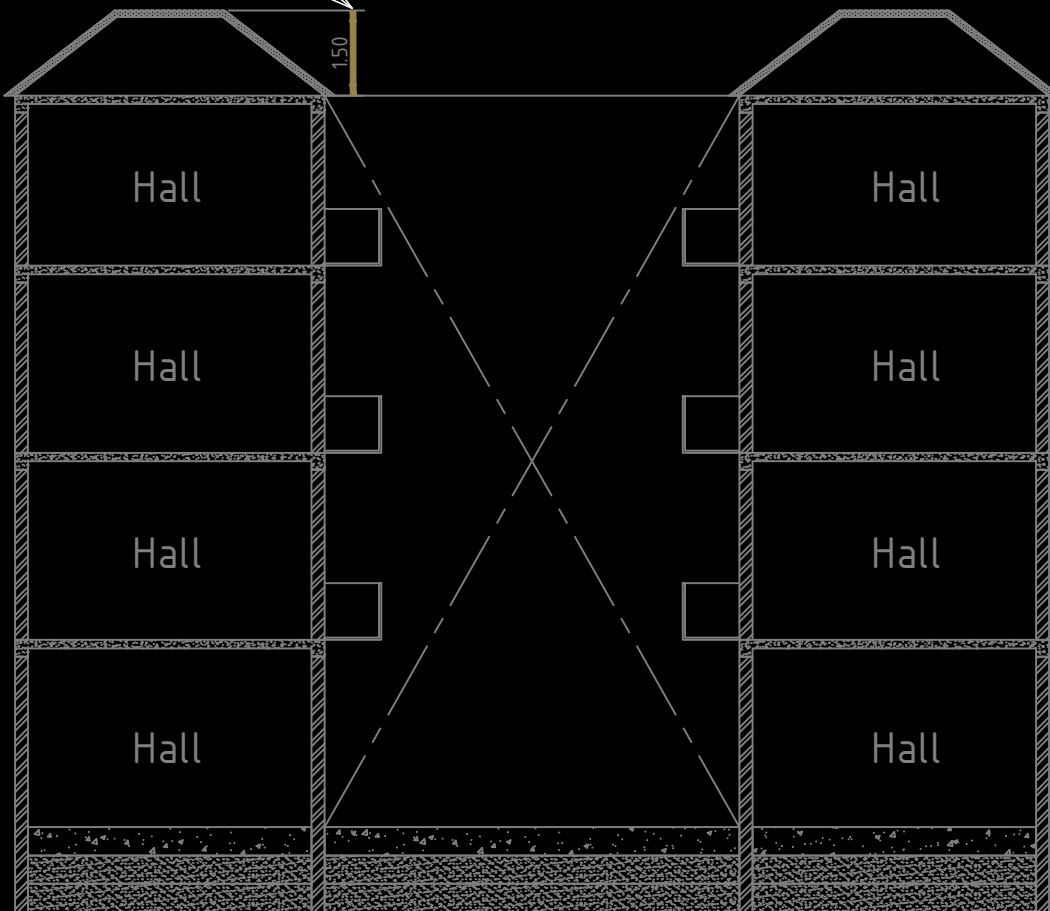
STAIR

TERRACE

Rain Water pipe Cover

Polyline	
Color	
Number	83

TERRACE FLOOR

S.No	Description	Layer
12	Inner Court Yard Roof Level Height shall be drawn as line in Color No. 47.	FLOOR-TERRACE

INNER COURT YARD ROOF LEVEL HEIGHT

Inner Court Yard
Roof Level Heigth

Line	
Color	
Number	47

1.50

Hall

Hall

Hall

Hall

Hall

Hall

Hall

Hall

SECTION