Smart DCR User Manual

For

Building Plan Management System

for

Yamuna Expressway Industrial Development Authority

(YEIDA)

Version 2.0

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

4.0 DETAILS OF COLOR CODE FORMAT

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			
04	Setback for Residential Plot				
	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……

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

OBJECTS TO BE DRAWN IN SITE PLAN & FLOOR PLANS FOR EXISTING BUILDING					
01	Existing Building Boundary – Type 1	153		Polyline	FLOOR-GROUND (OR) FLOOR-STILT
02	Existing Building Boundary – Type 2	153		Polyline	FLOOR-GROUND (OR) FLOOR-STILT
03	Existing Building Boundary – Group Development – Type 3	153		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
		50			
04	Existing Parking Boundary	142		Polyline	FLOOR-GROUND (OR) FLOOR-STILT
05	Existing Guard Room	153		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
		50			
06	Existing Porta Cabin	153		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
		50			
07	Existing Servant Quarters	153		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
		50			
08	Existing Meter Room	153		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
		50			
09	Existing Water Closet	153		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
		50			
10	Existing Bathroom	153		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
		50			
11	Existing Group Housing Shop	153		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
		50			
12	Existing Group Housing Kiosk	153		Polyline & Text	FLOOR-GROUND (OR) FLOOR-STILT
		50			
13	Existing Dwelling Unit	230		Polyline & Text	APPLICABLE FLOOR LAYER
14	Existing Duplex Dwelling Unit	230		Polyline & Text	APPLICABLE FLOOR LAYER

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

15% PRESCRIBED FAR FOR EXISTING BUILDINGS, Polyline Color 153 and Text Color 50

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 INSTITUTIONAL 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"**

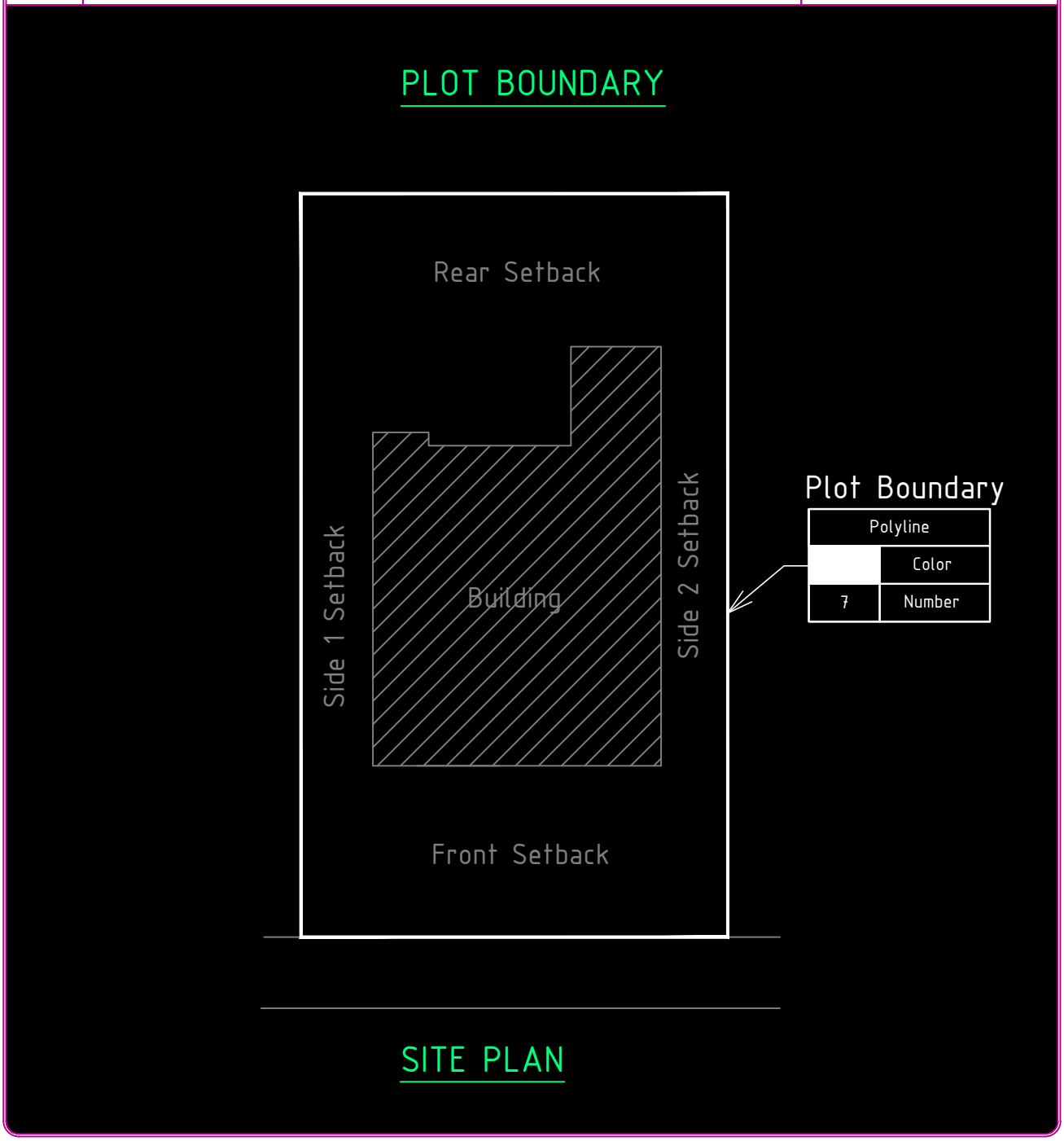
b) In the Text Objects for Typical Blocks are followed as

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

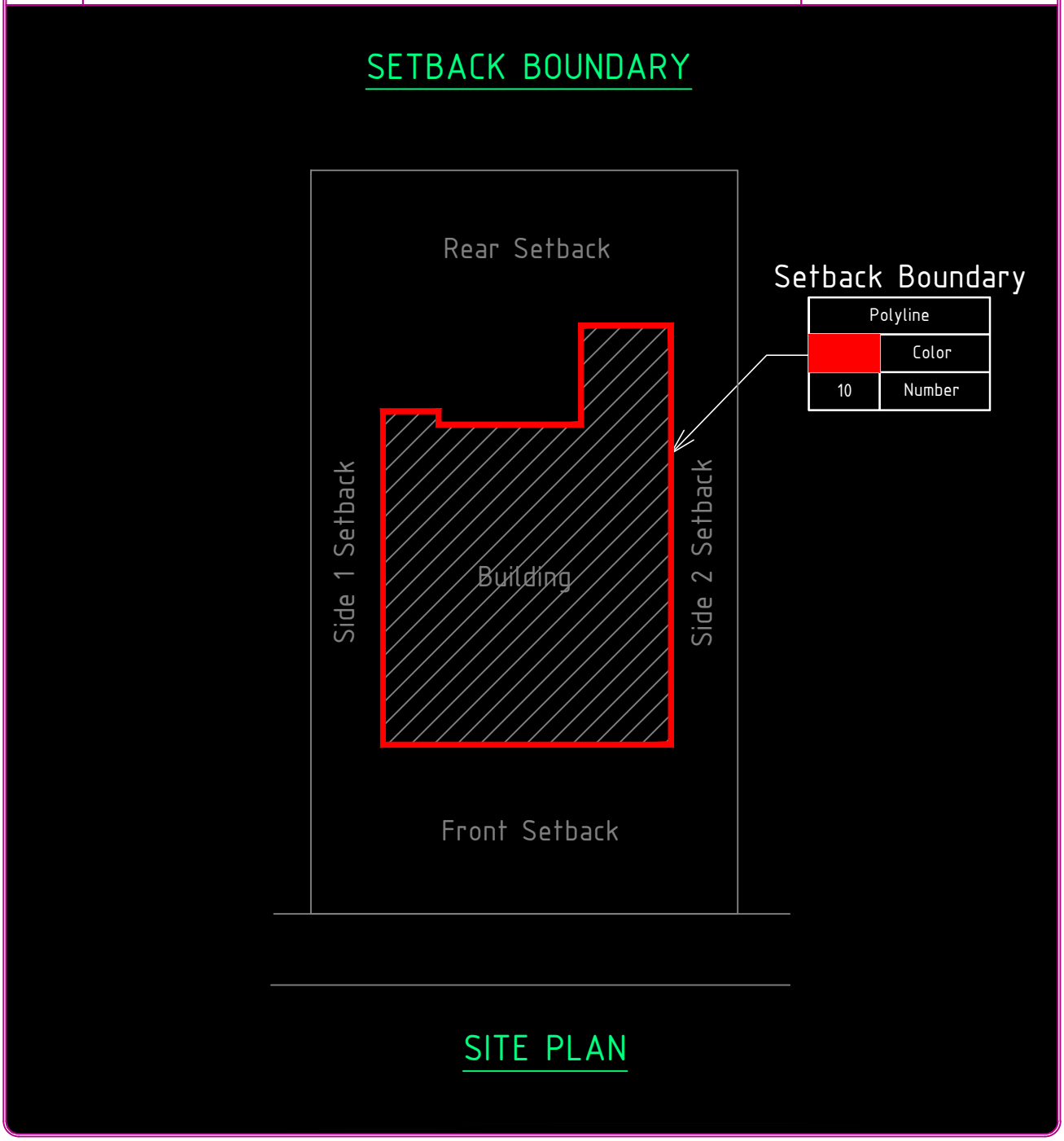
14.0 ANNEXURE - PARAMETERS SNAPSHOTS

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

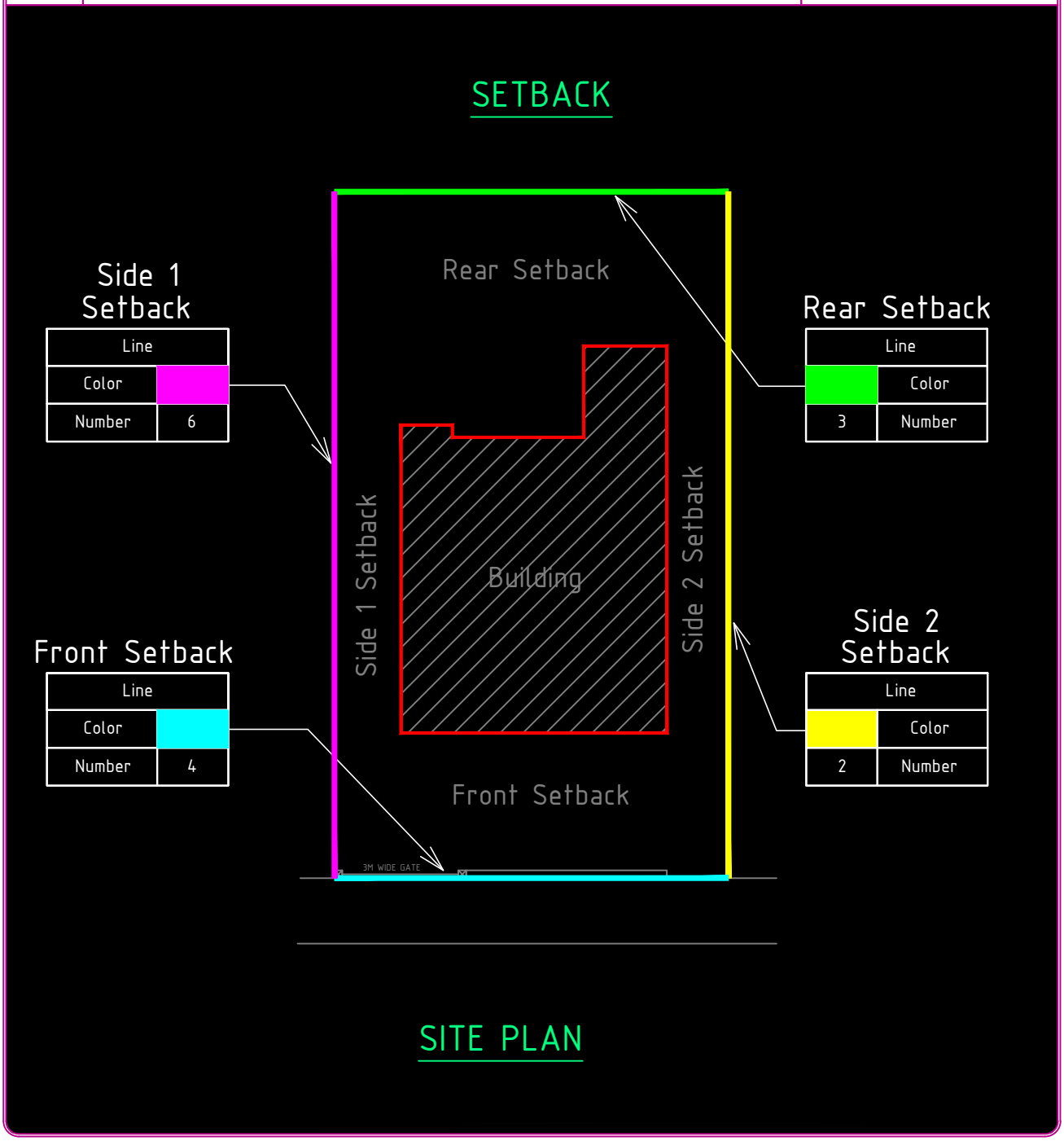
S.No	Description	Layer
01	Plot Boundary shall be drawn as Polyline in Color No. 7.	FLOOR-GROUND or FLOOR-STILT



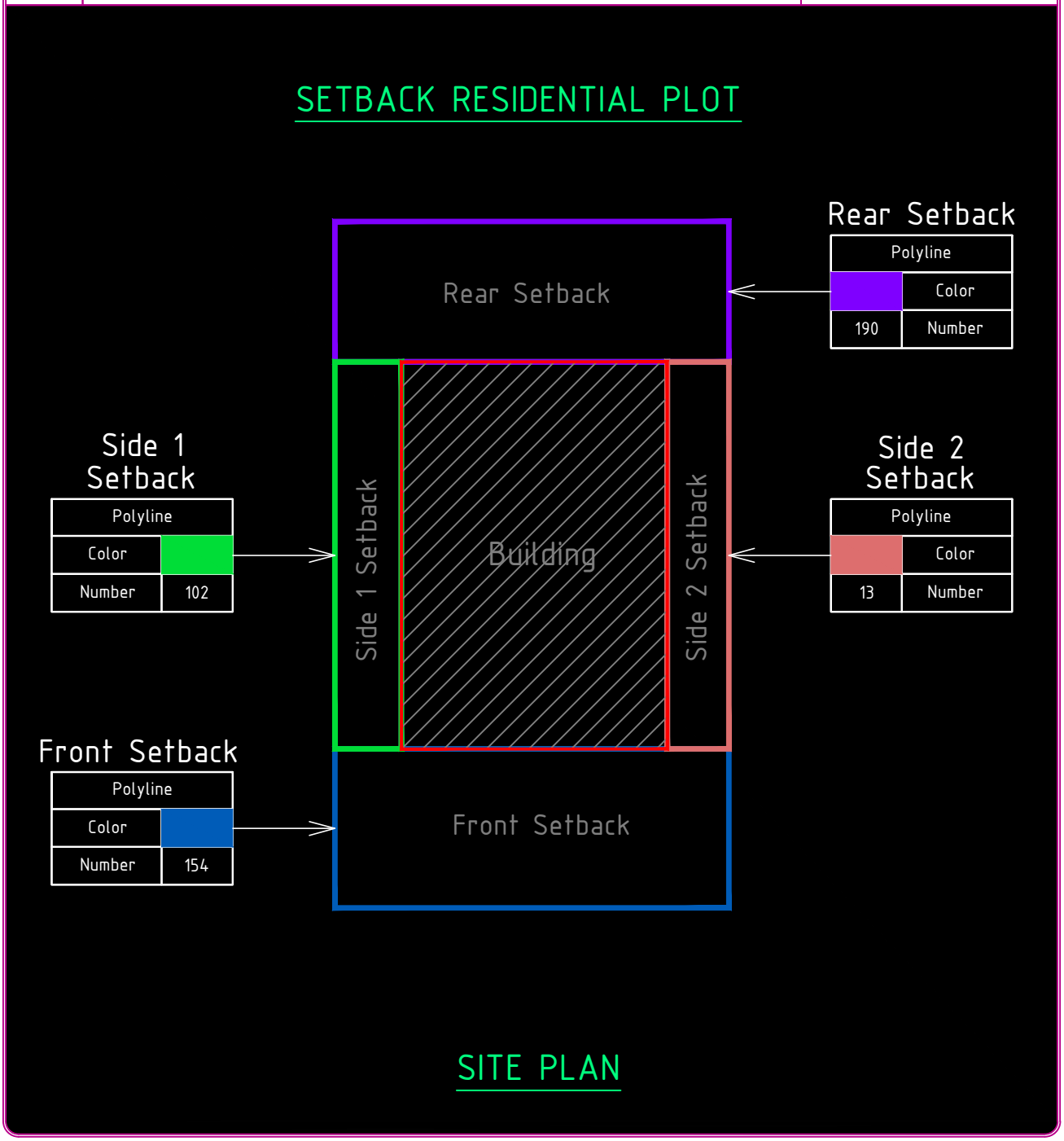
S.No	Description	Layer
02	Setback Boundary (Building Foot Print) shall be drawn as Polyline in Color No. 10.	FLOOR-GROUND or FLOOR-STILT



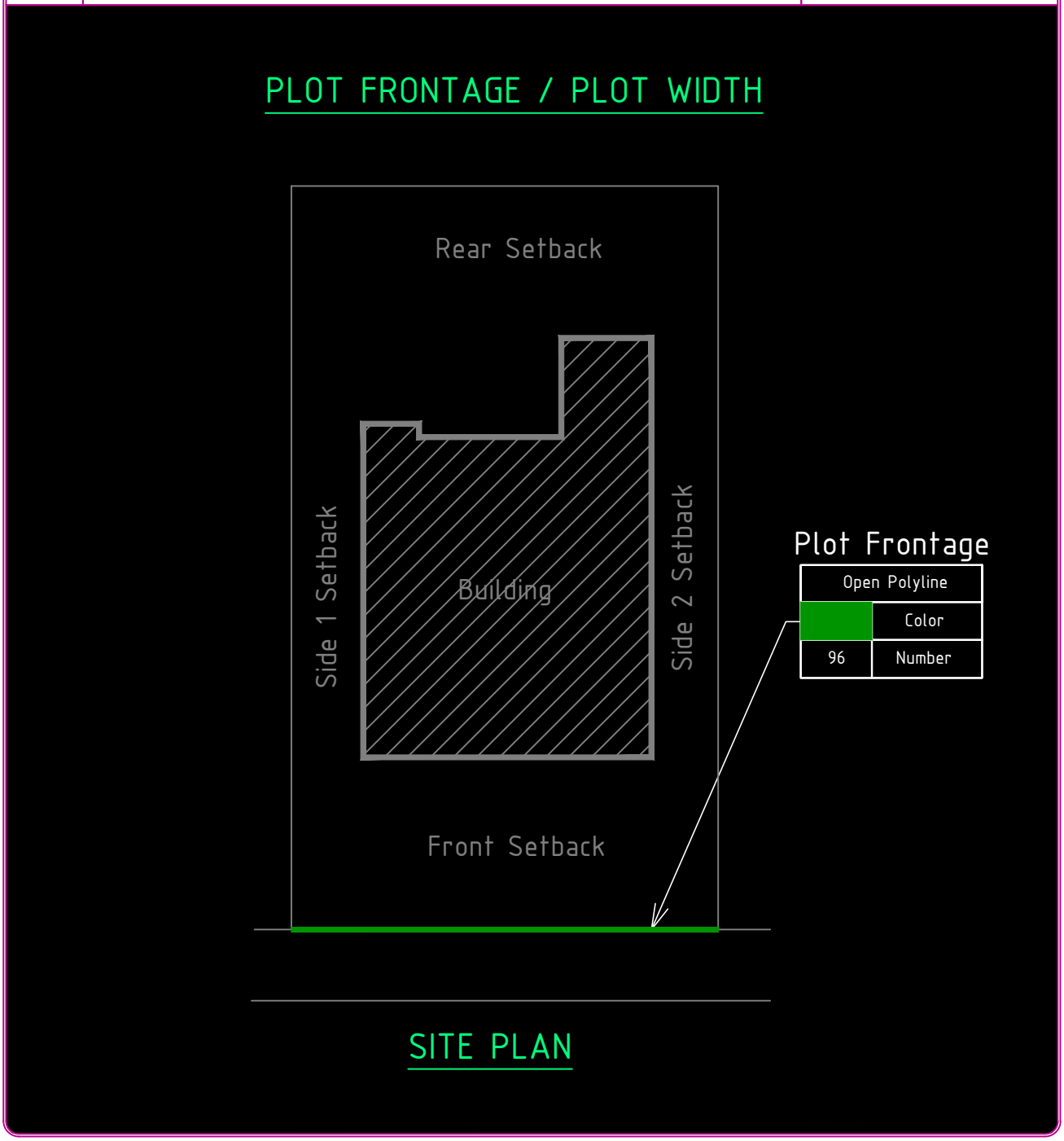
S.No	Description	Layer
03	Front Setback shall be drawn as Line in Color No. 4. Side 1 Setback shall be drawn as Line in Color No. 6. Side 2 Setback shall be drawn as Line in Color No. 2. Rear Setback shall be drawn as Line in Color No. 3. Note : Should be drawn above the Plot Boundary.	FLOOR-GROUND or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



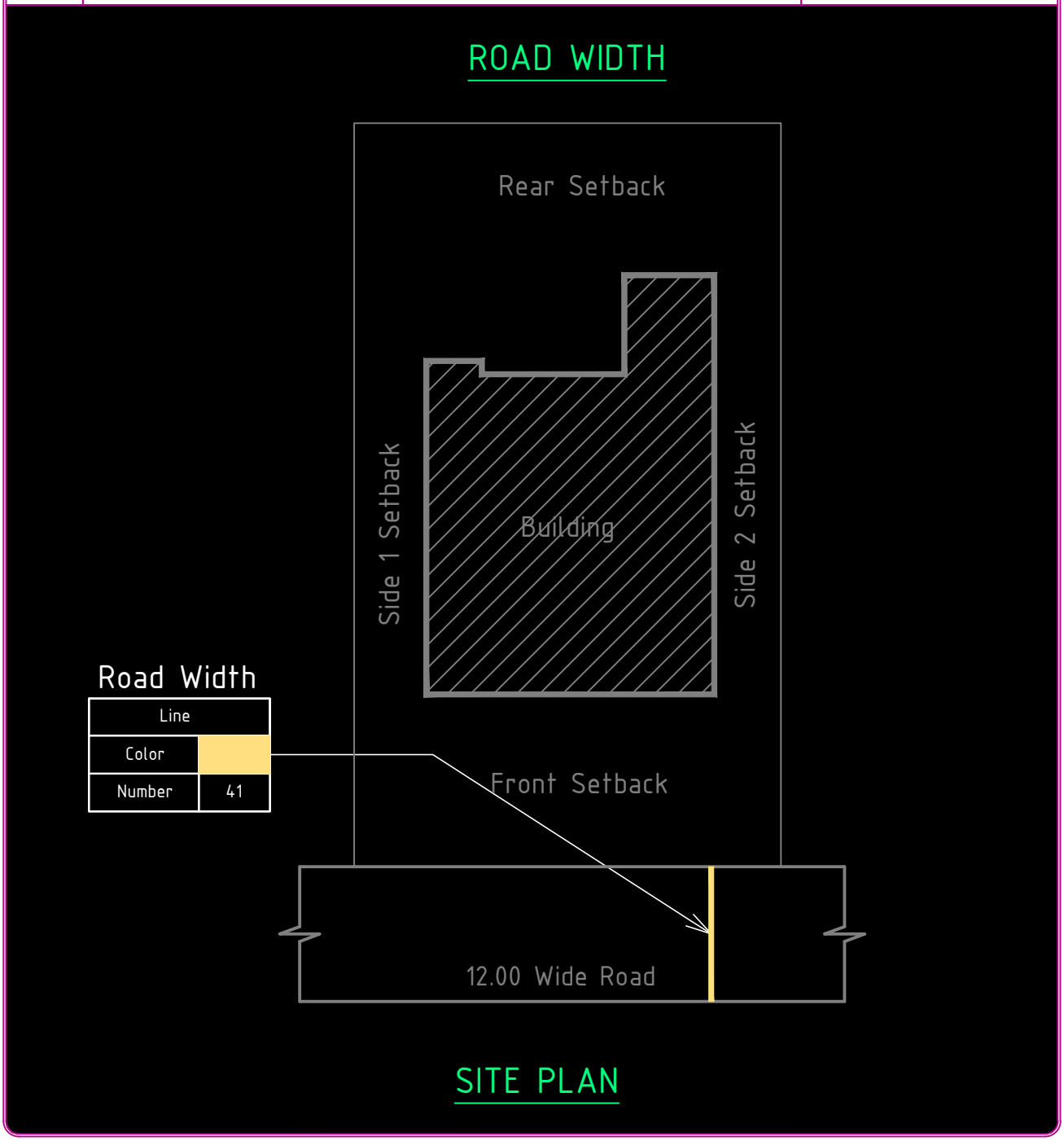
S.No	Description	Layer
04	Front Setback shall be drawn as Polyline in Color No. 154. Side 1 Setback shall be drawn as Polyline in Color No. 102. Side 2 Setback shall be drawn as Polyline in Color No. 13. Rear Setback shall be drawn as Polyline in Color No. 190. Note : It Should be drawn on the Plot Boundary.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



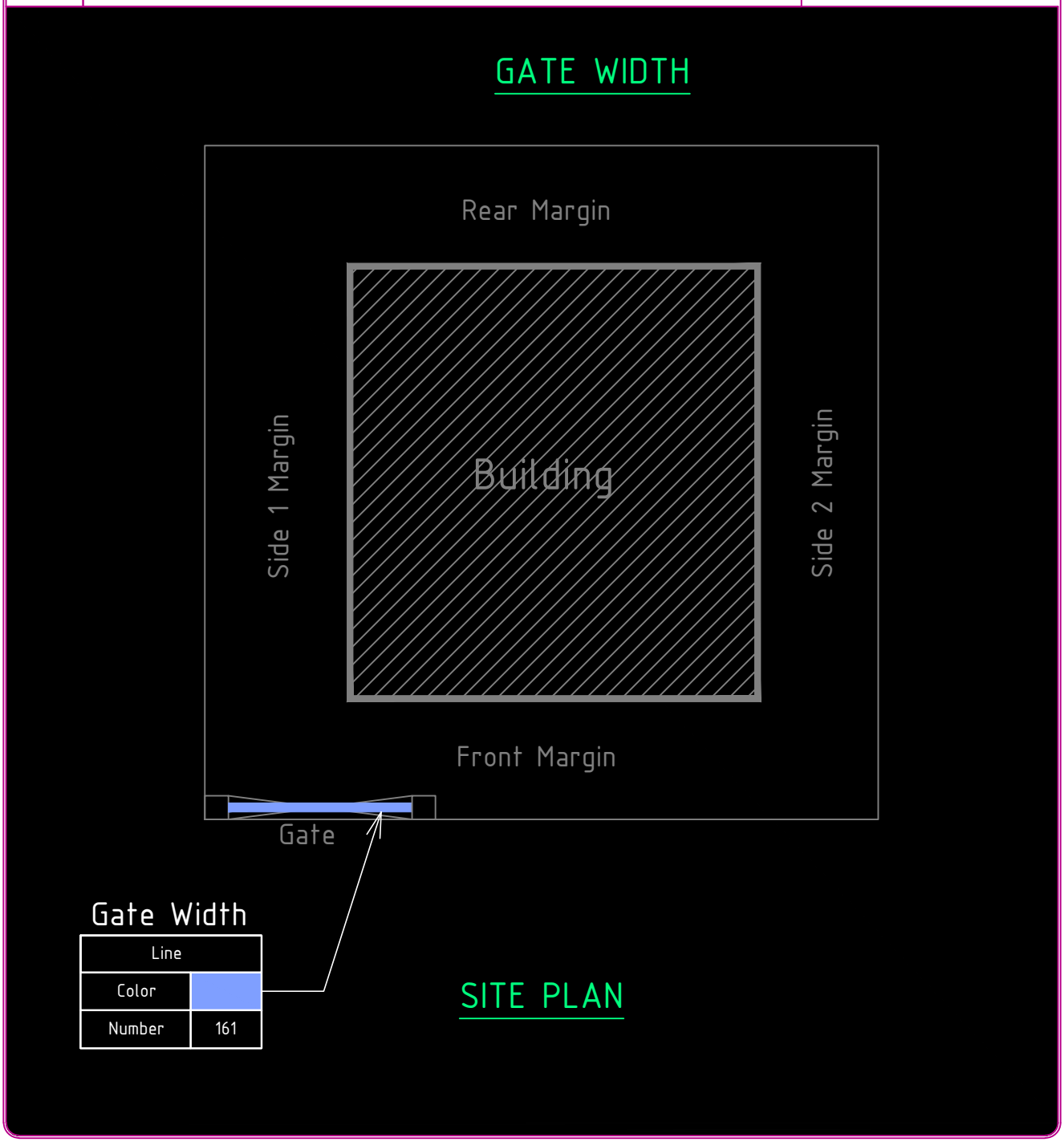
S.No	Description	Layer
05	Plot Frontage / Plot Width of Site Shall be drawn as Open Polyline in Color No 96.	FLOOR-GROUND or FLOOR-STILT



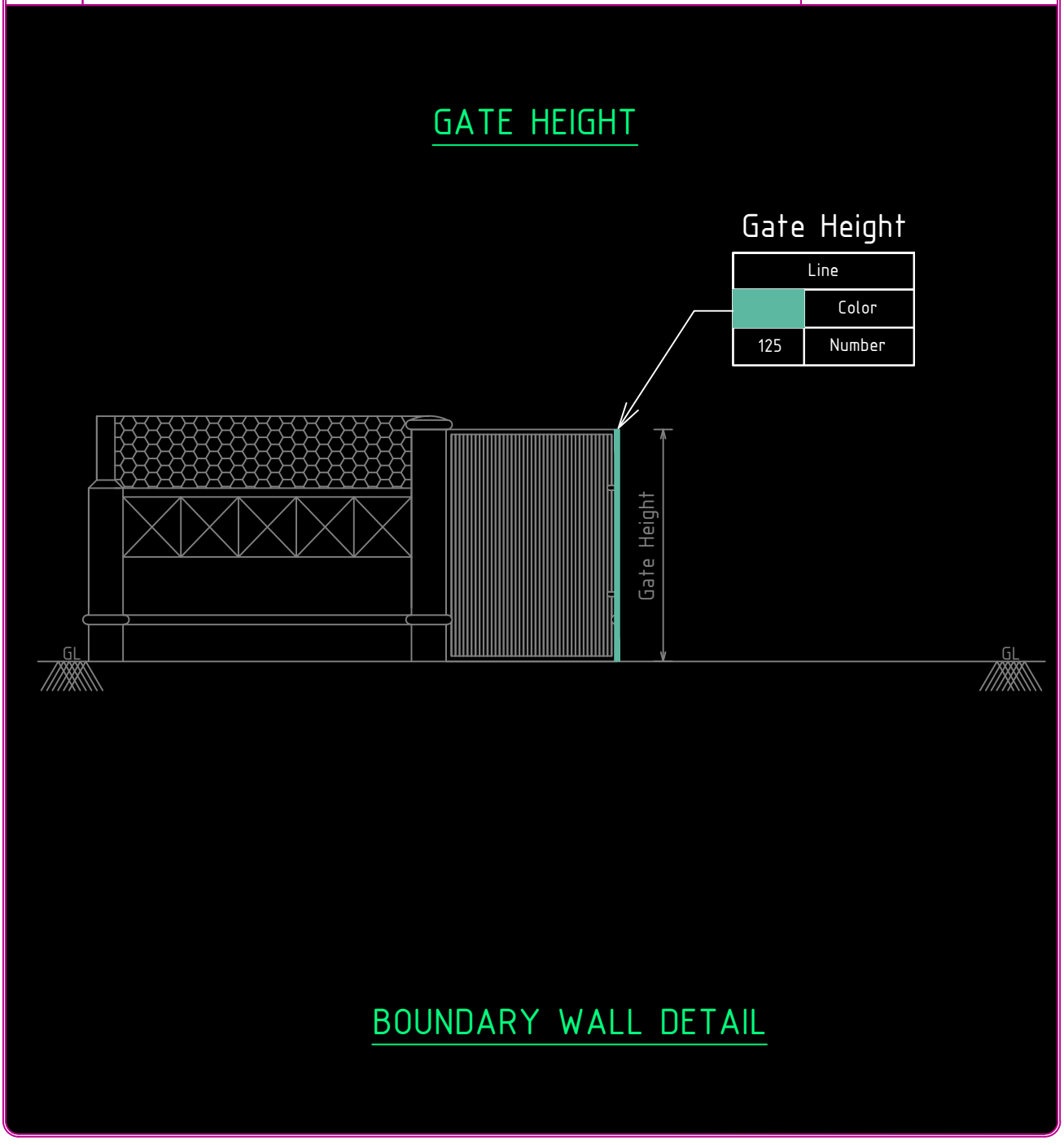
S.No	Description	Layer
06	Road width shall be drawn as line in Color No. 41.	FLOOR-GROUND or FLOOR-STILT



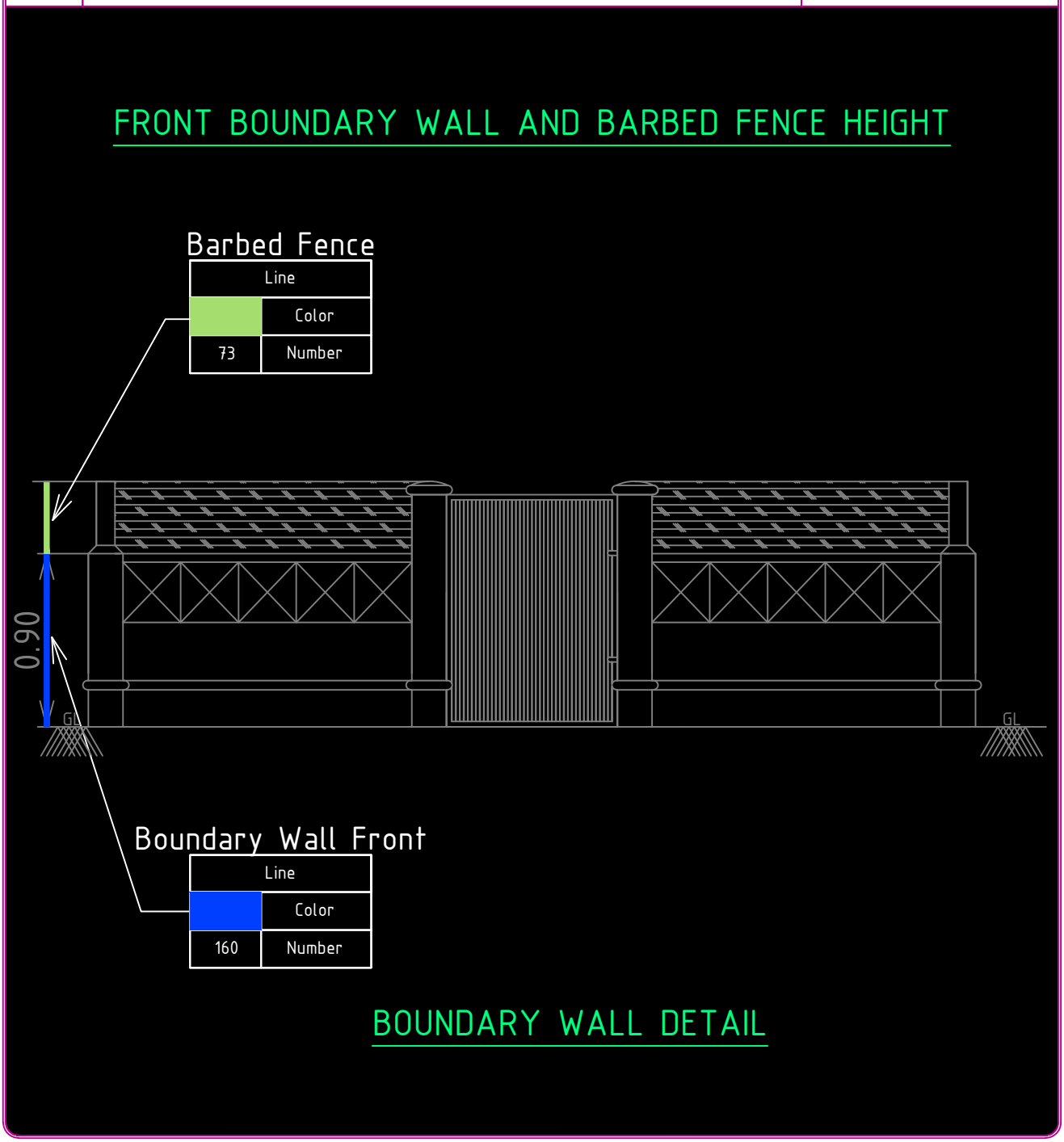
S.No	Description	Layer
07	Gate Width shall be drawn as line in Color No. 161.	FLOOR-GROUND or FLOOR-STILT



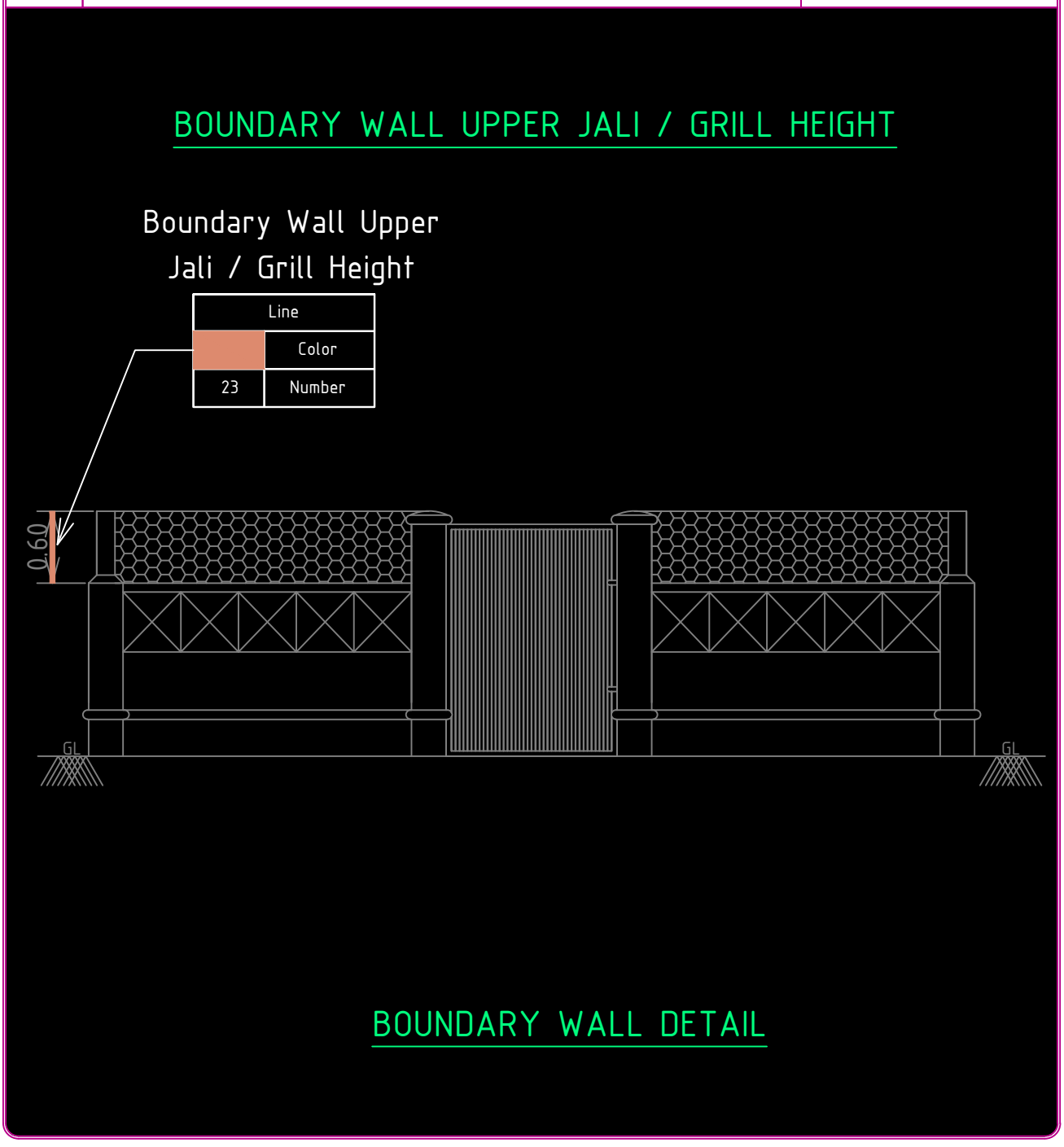
S.No	Description	Layer
08	Gate Height shall be drawn as line in Color No. 125	FLOOR-GROUND or FLOOR-STILT



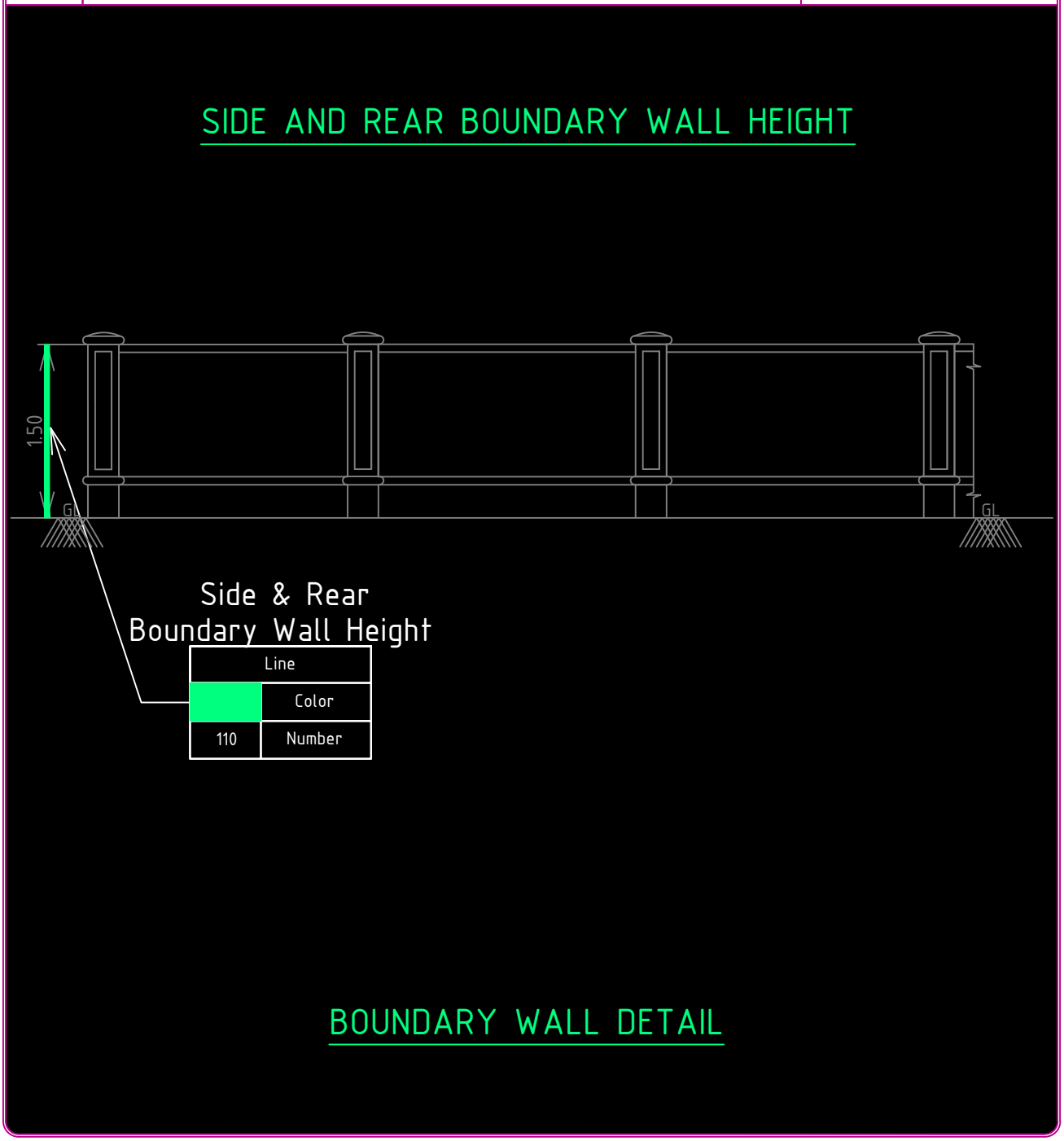
S.No	Description	Layer
09	Front Boundary Wall Height shall be drawn as line in Color No. 160. Barbed Fence Height shall be drawn as line in Color No. 73.	FLOOR-GROUND or FLOOR-STILT



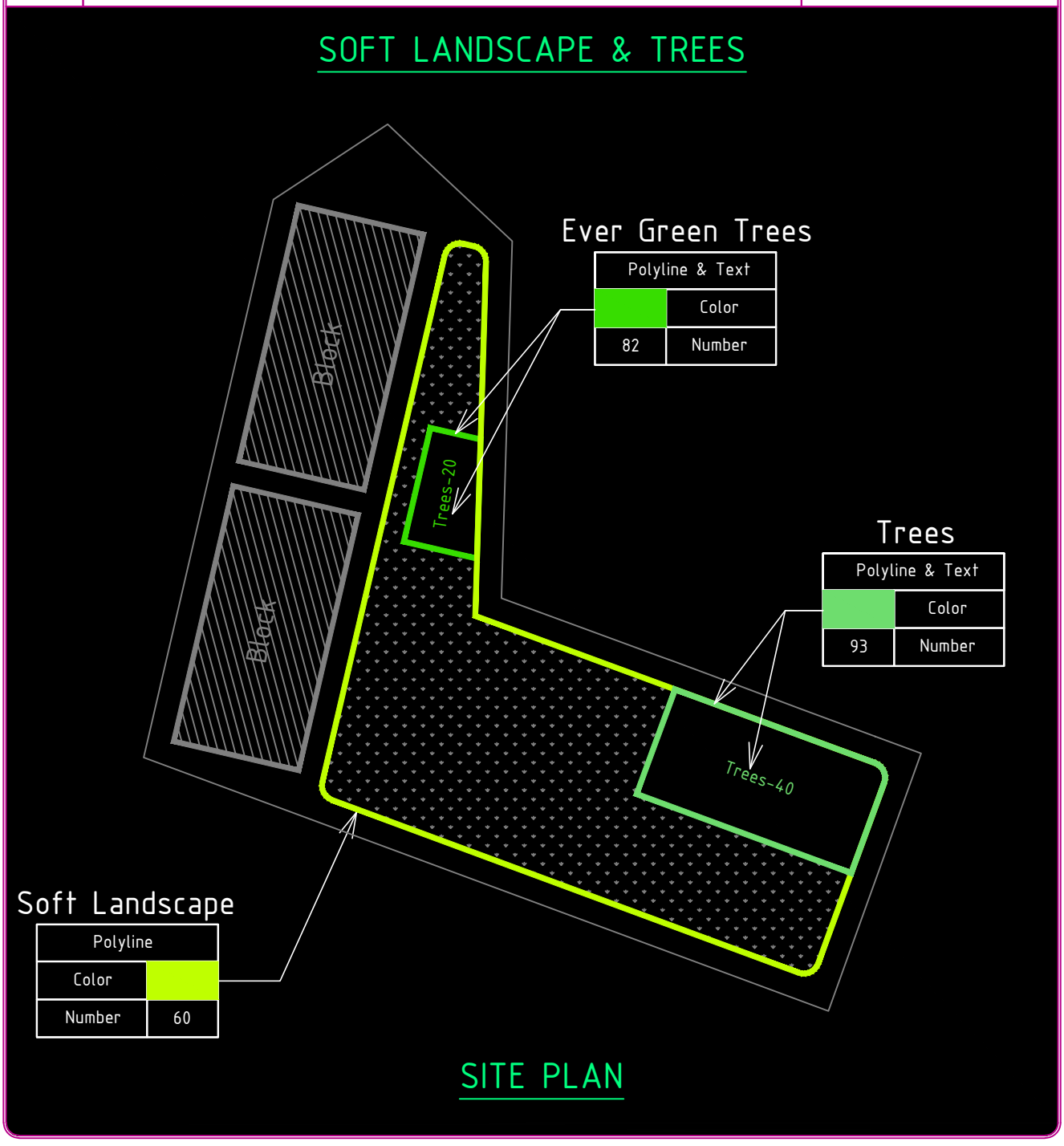
S.No	Description	Layer
10	Boundary Wall Upper Jali / Grill Height shall be drawn as line in Color No. 23.	FLOOR-GROUND or FLOOR-STILT



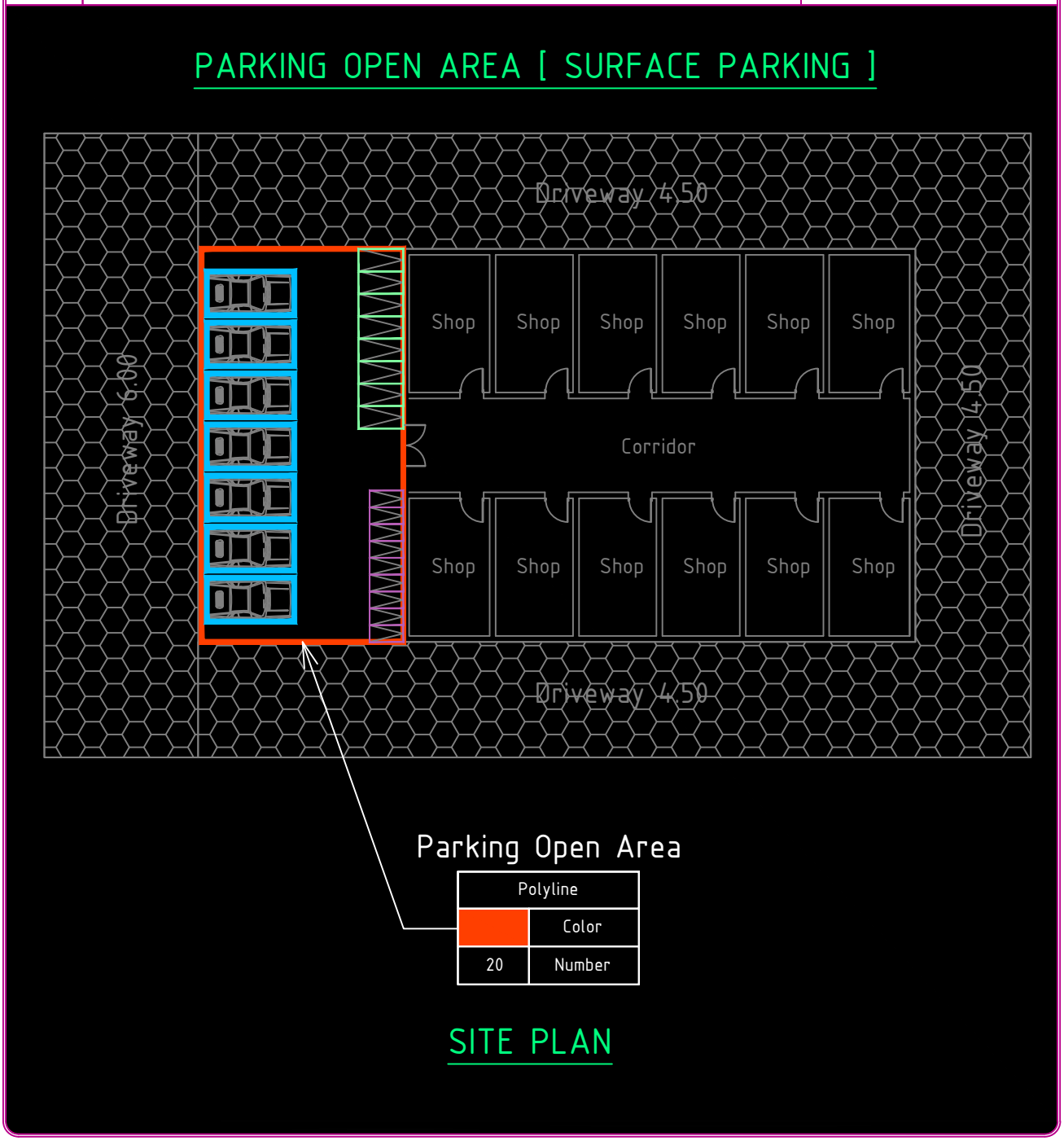
S.No	Description	Layer
11	Side and Rear Boundary Wall Height shall be drawn as line in Color No. 110.	FLOOR-GROUND or FLOOR-STILT



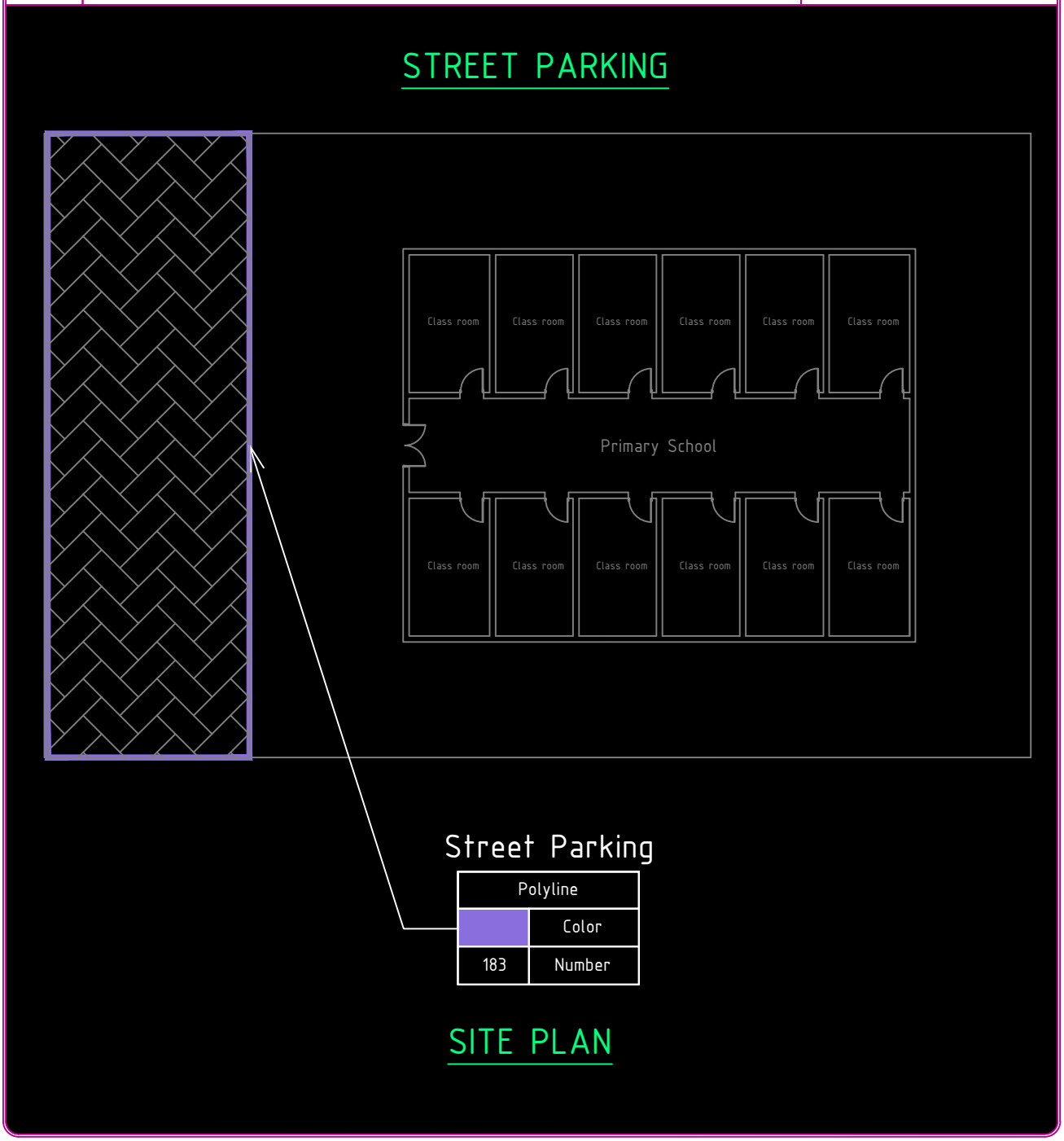
S.No	Description	Layer
12	Soft Landscape or Open Area shall be drawn as Polyline in Color No. 60. Trees shall be drawn as Polyline in Color No. 93 and text shall be placed in the same color. Evergreen Trees shall be drawn as Polyline in Color No. 82 and text shall be placed in the same color. Note:Tress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



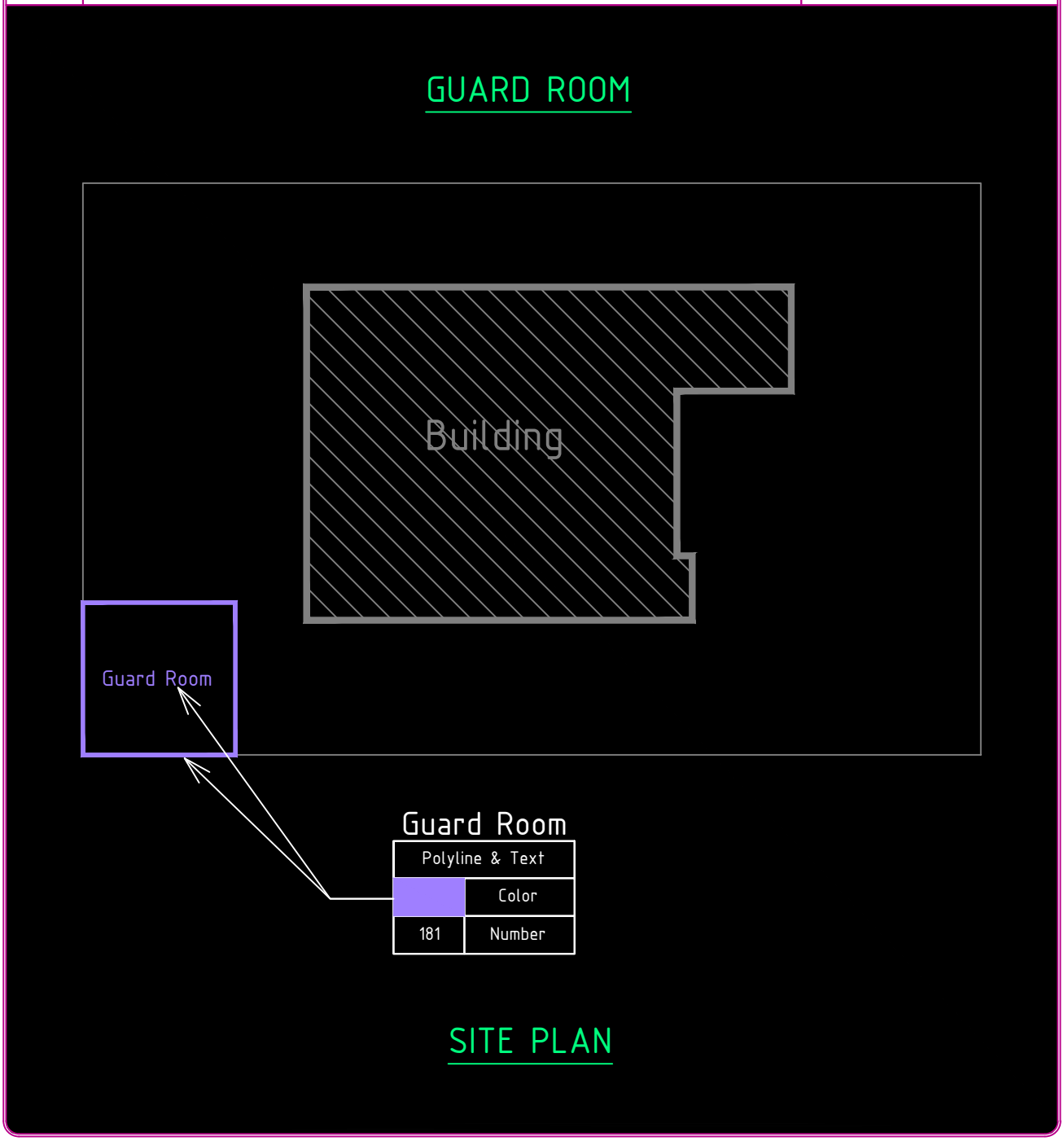
S.No	Description	Layer
13	Parking Open Area Shall be Drawn as Polyline in Color No. 20.	FLOOR-GROUND or FLOOR-STILT



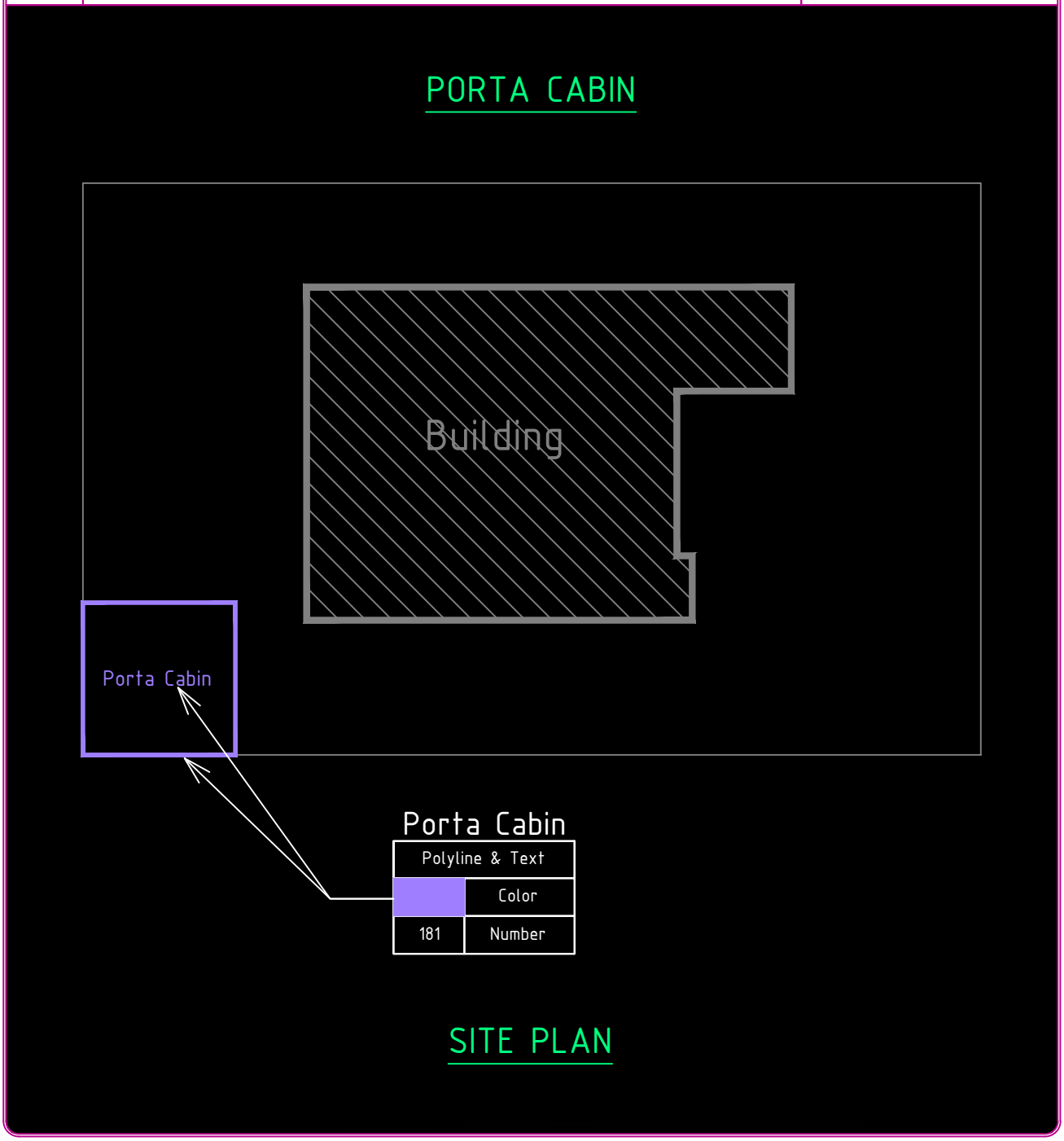
S.No	Description	Layer
14	Street Parking Area Shall be Drawn as Polyline in Color No. 183	FLOOR-GROUND or FLOOR-STILT



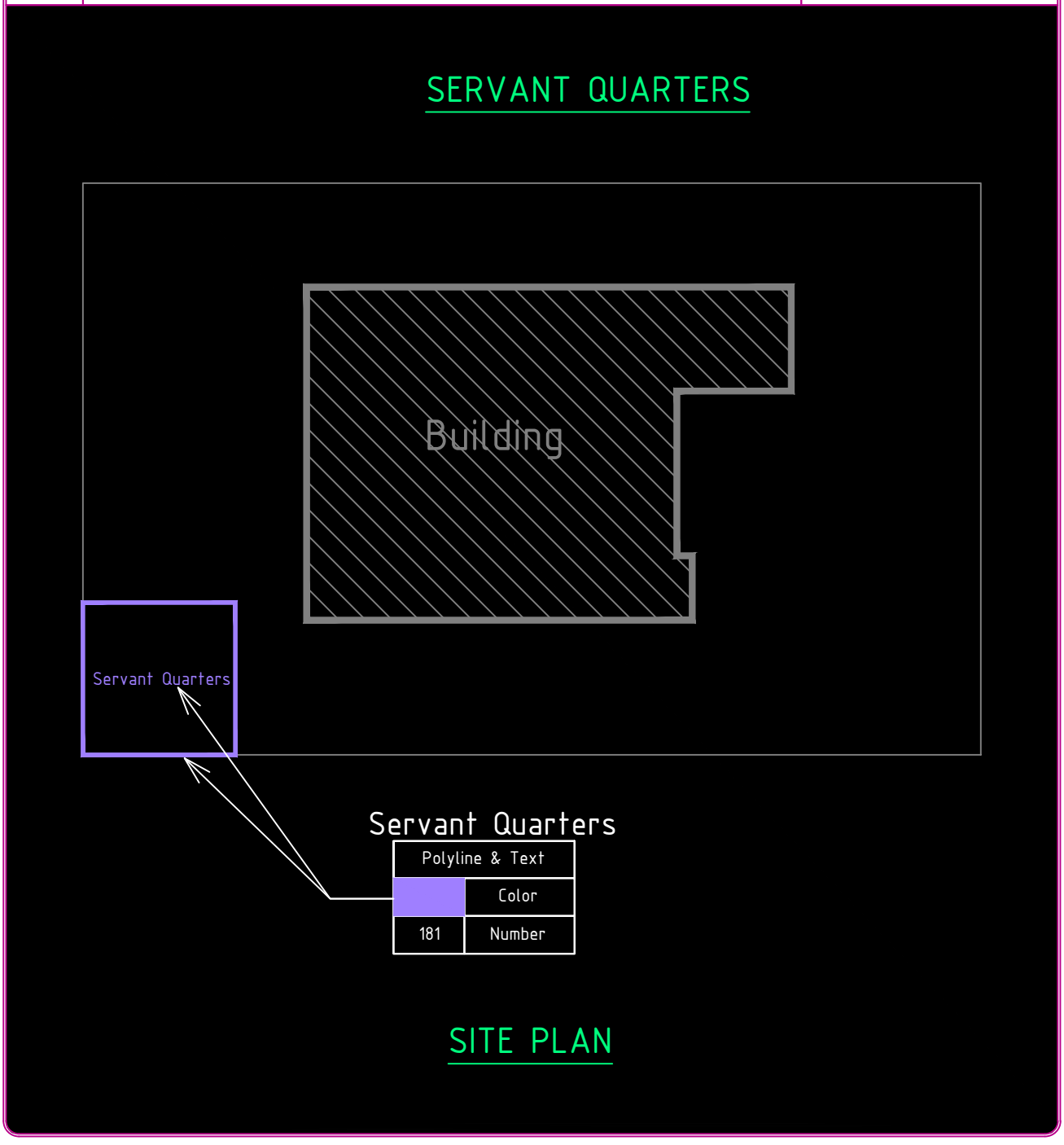
S.No	Description	Layer
15	Guard Room shall be drawn as Polyline in Color No. 181 and text shall be placed inside the Polyline in the same color. Note : Used Only Residential Plot	FLOOR-GROUND or FLOOR-STILT



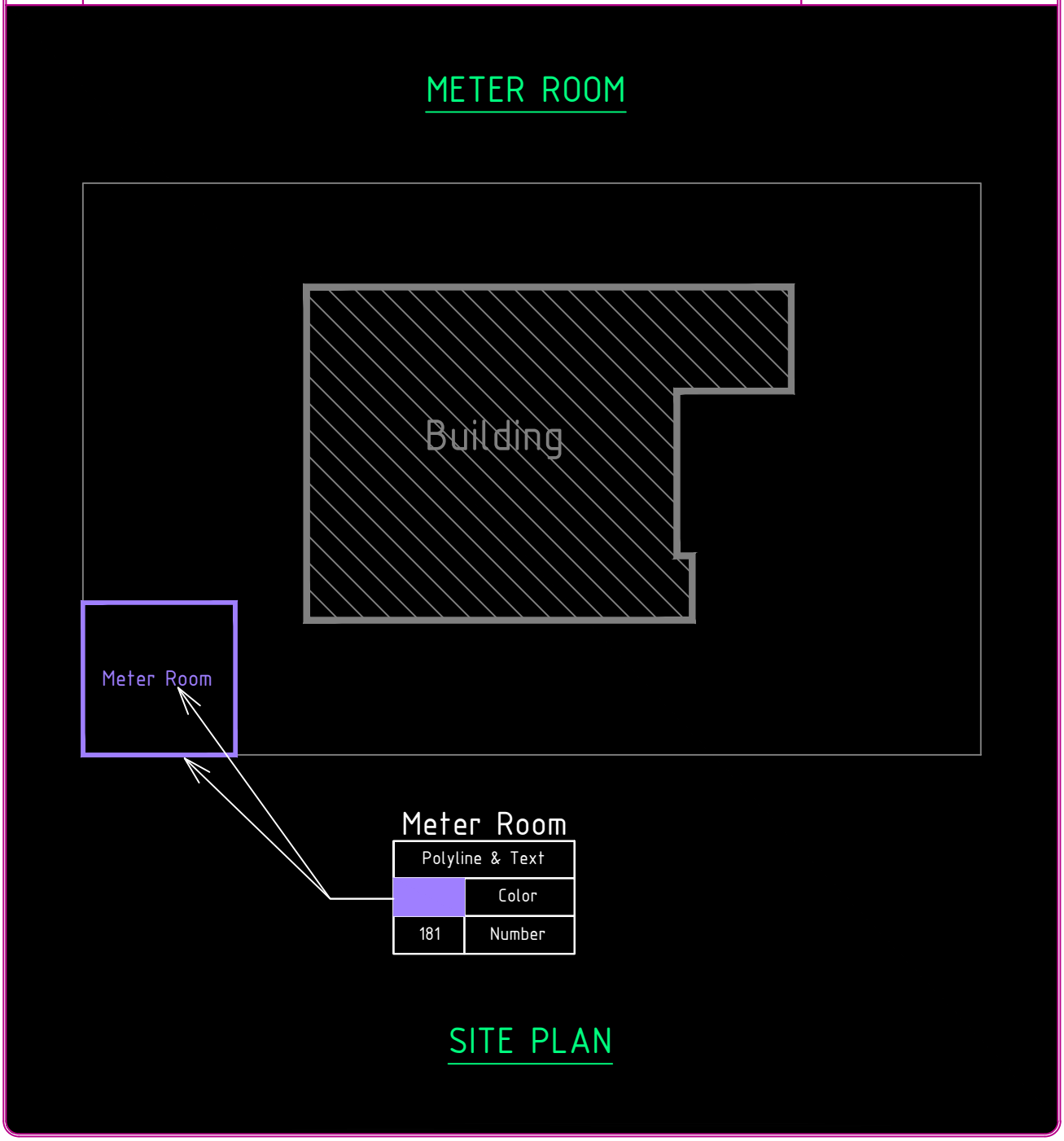
S.No	Description	Layer
16	Porta Cabin shall be drawn as Polyline in Color No. 181 and text shall be placed inside the Polyline in the same color. Note : Used Only Residential Plot	FLOOR-GROUND or FLOOR-STILT



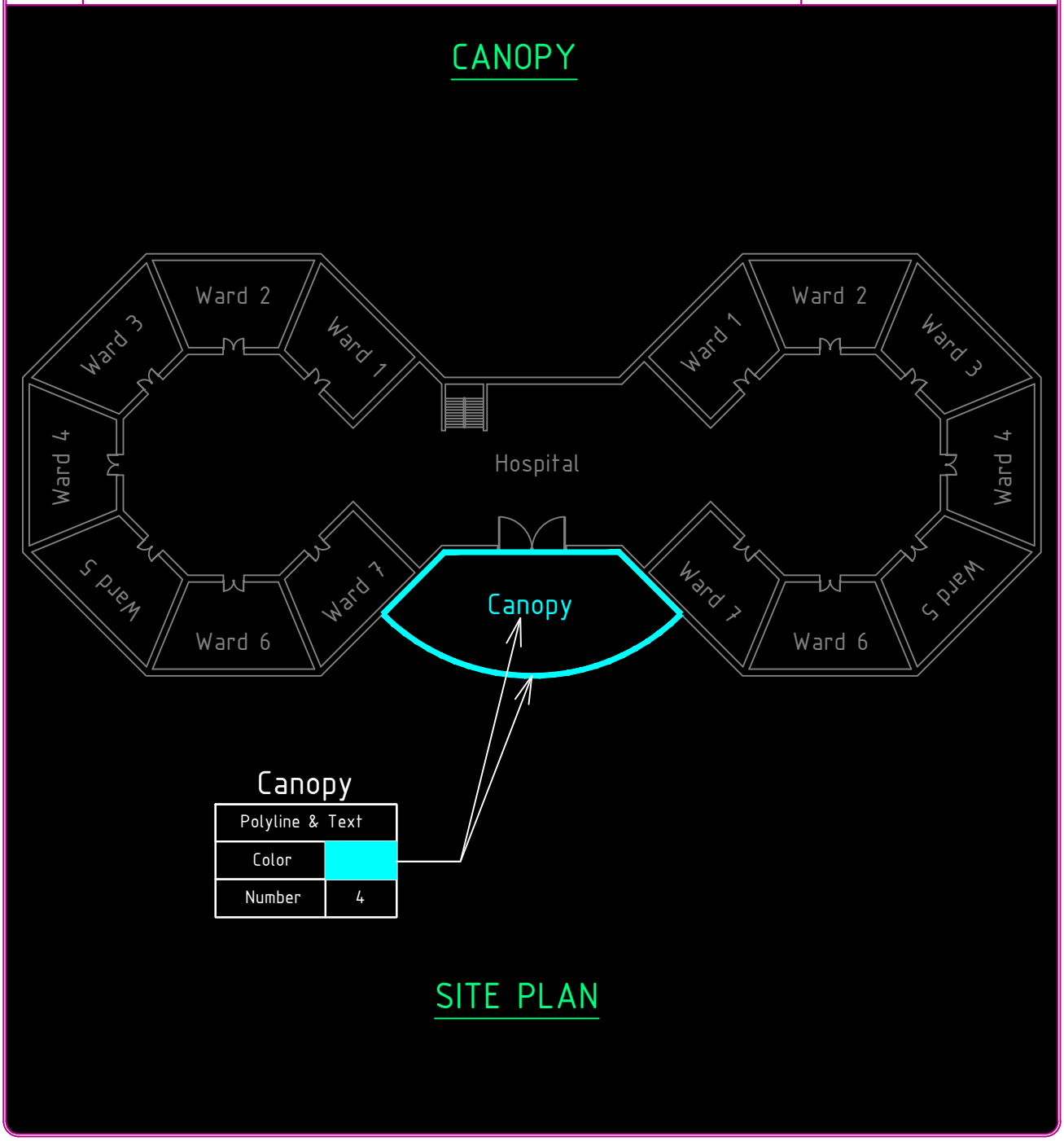
S.No	Description	Layer
17	Servant Quarters shall be drawn as Polyline in Color No. 181 and text shall be placed inside the Polyline in the same color. Note : Used Only Residential Plot	FLOOR-GROUND or FLOOR-STILT



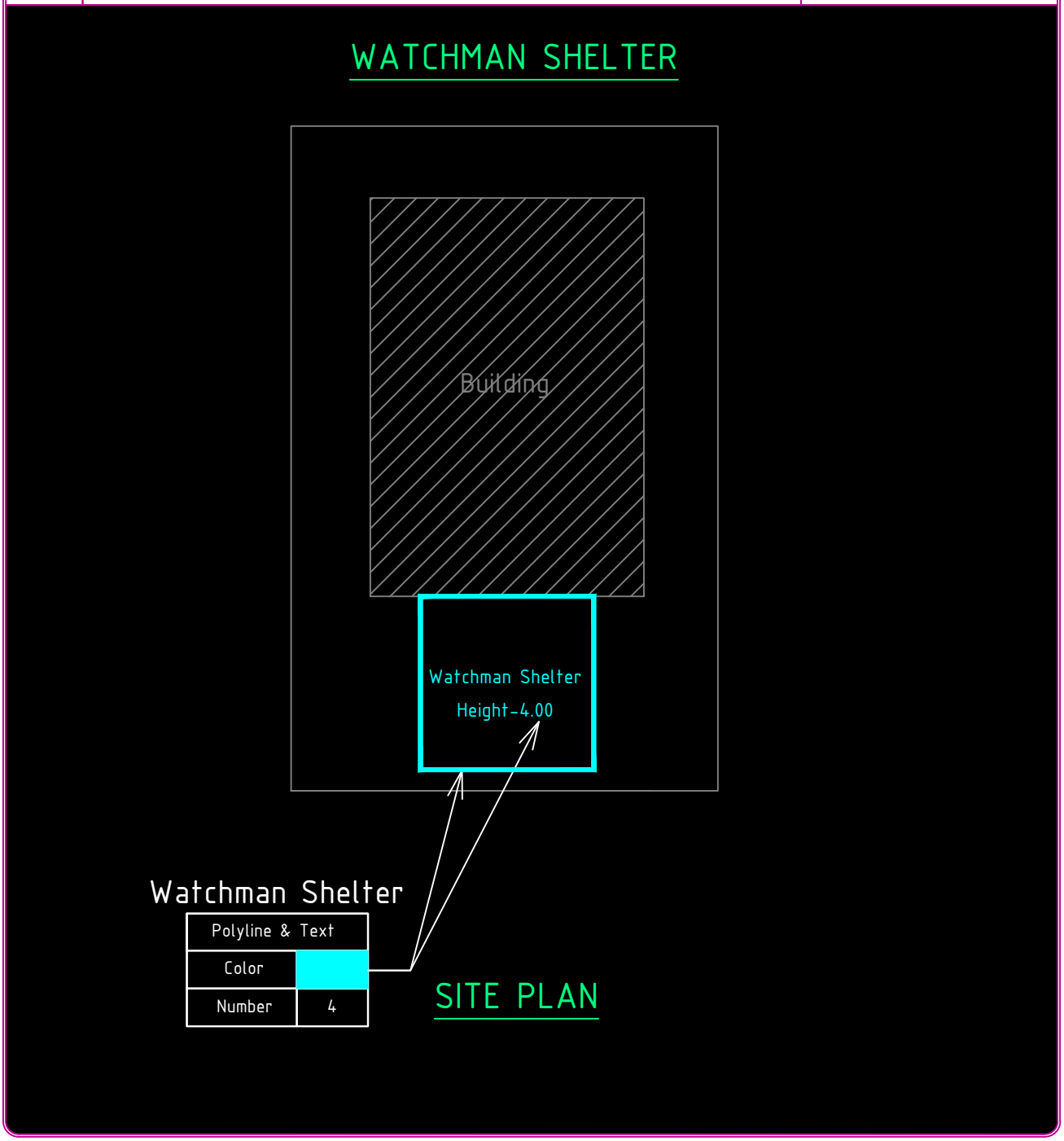
S.No	Description	Layer
18	Meter Room shall be drawn as Polyline in Color No. 181 for Residential and text shall be placed inside the Polyline in the same color. Note: Commercial - Color 6, Industrial - Color 134 Institutional - Color 33.	FLOOR-GROUND or FLOOR-STILT



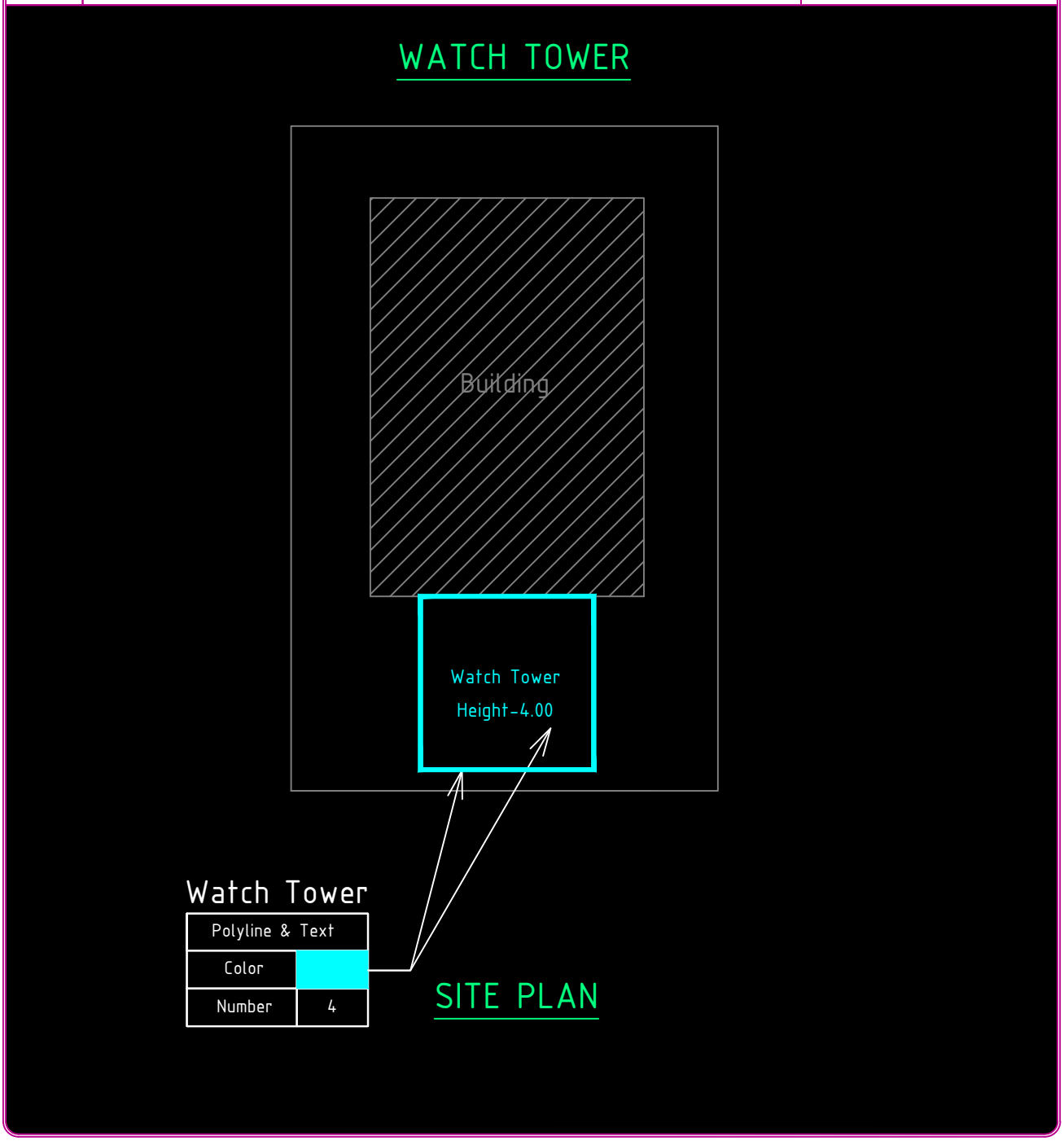
S.No	Description	Layer
19	Canopy shall be drawn as Polyline in Color No. 4 and text shall be kept inside the Polyline in the same Color.	FLOOR-GROUND or FLOOR-STILT



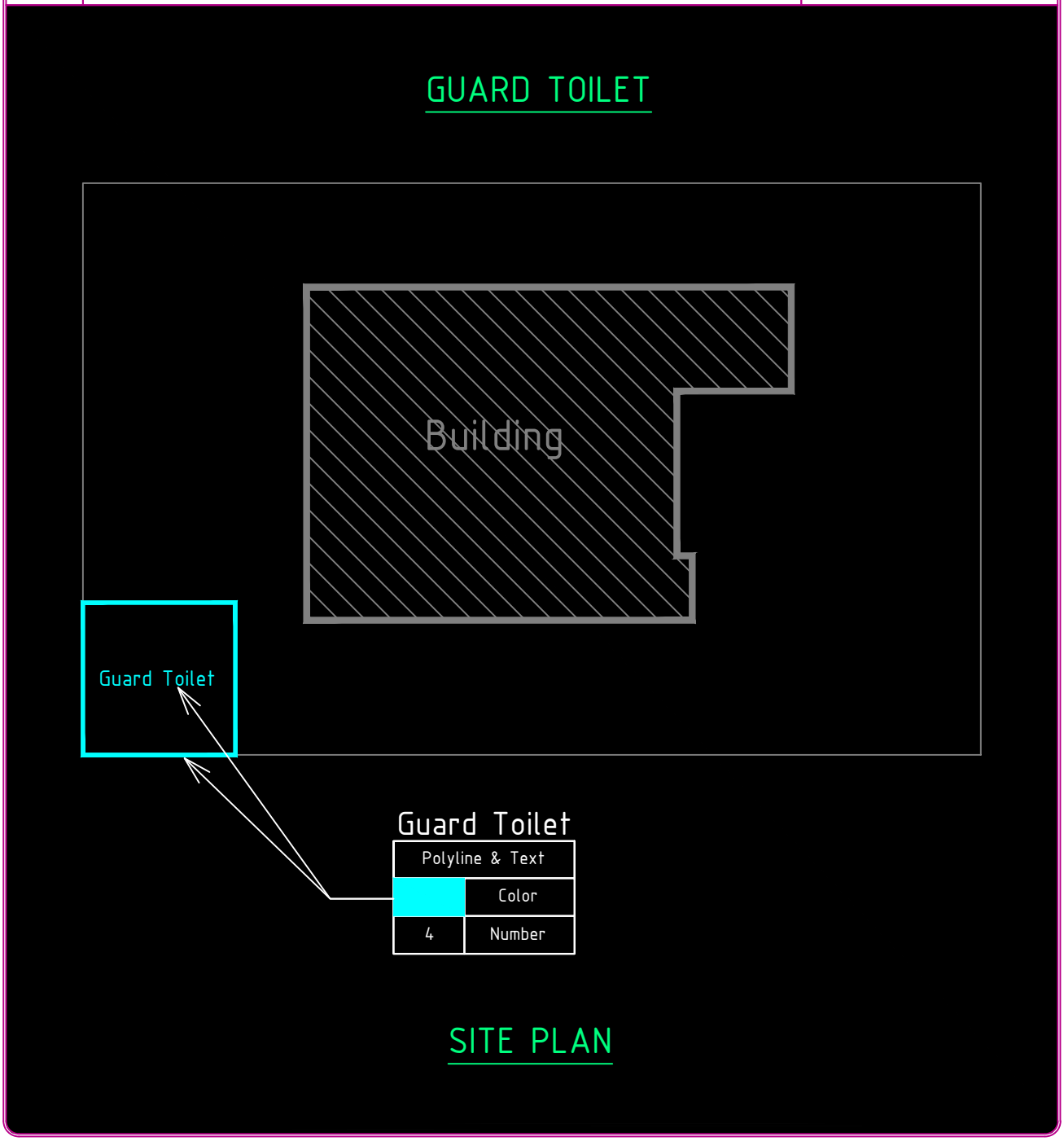
S.No	Description	Layer
20	Watchman Shelter shall be drawn as Polyline in Color No. 4 and text shall be kept in the same Color and need to be drawn inside Plot Boundary. Height of the Watchman Shelter Text shall be placed inside the Color 4 Polyline as shown below in the same Color.	FLOOR-GROUND or FLOOR-STILT



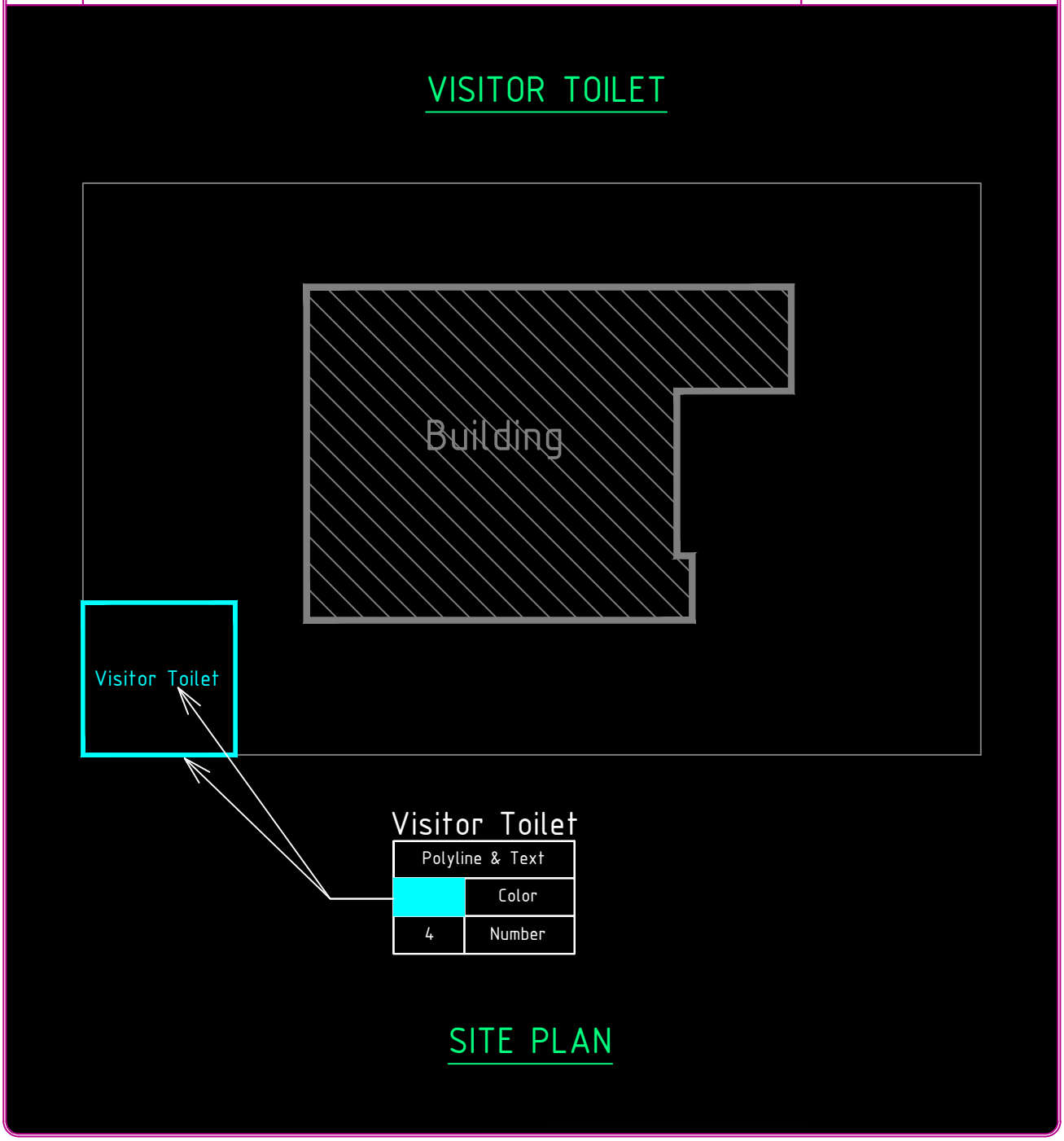
S.No	Description	Layer
21	Watch Tower shall be drawn as Polyline in Color No. 4 and text shall be kept in the same Color and need to be drawn inside Plot Boundary. Height of the Watch Tower shall be placed inside the Color 4 Polyline as shown below in the same color.	FLOOR-GROUND or FLOOR-STILT



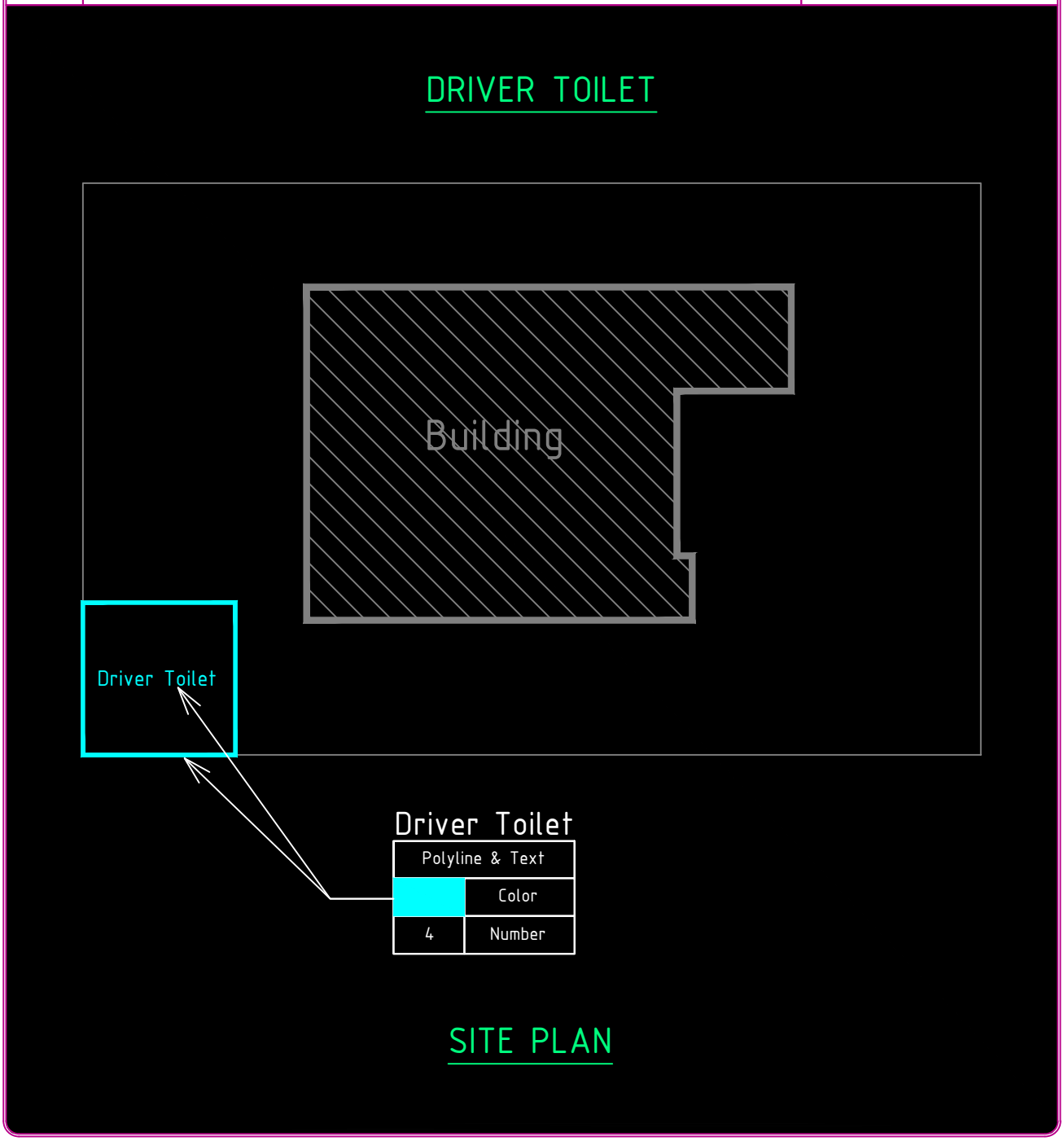
S.No	Description	Layer
22	Guard Toilet shall be drawn as Polyline in Color No. 4 and text shall be placed inside the Polyline in the same color.	FLOOR-GROUND or FLOOR-STILT



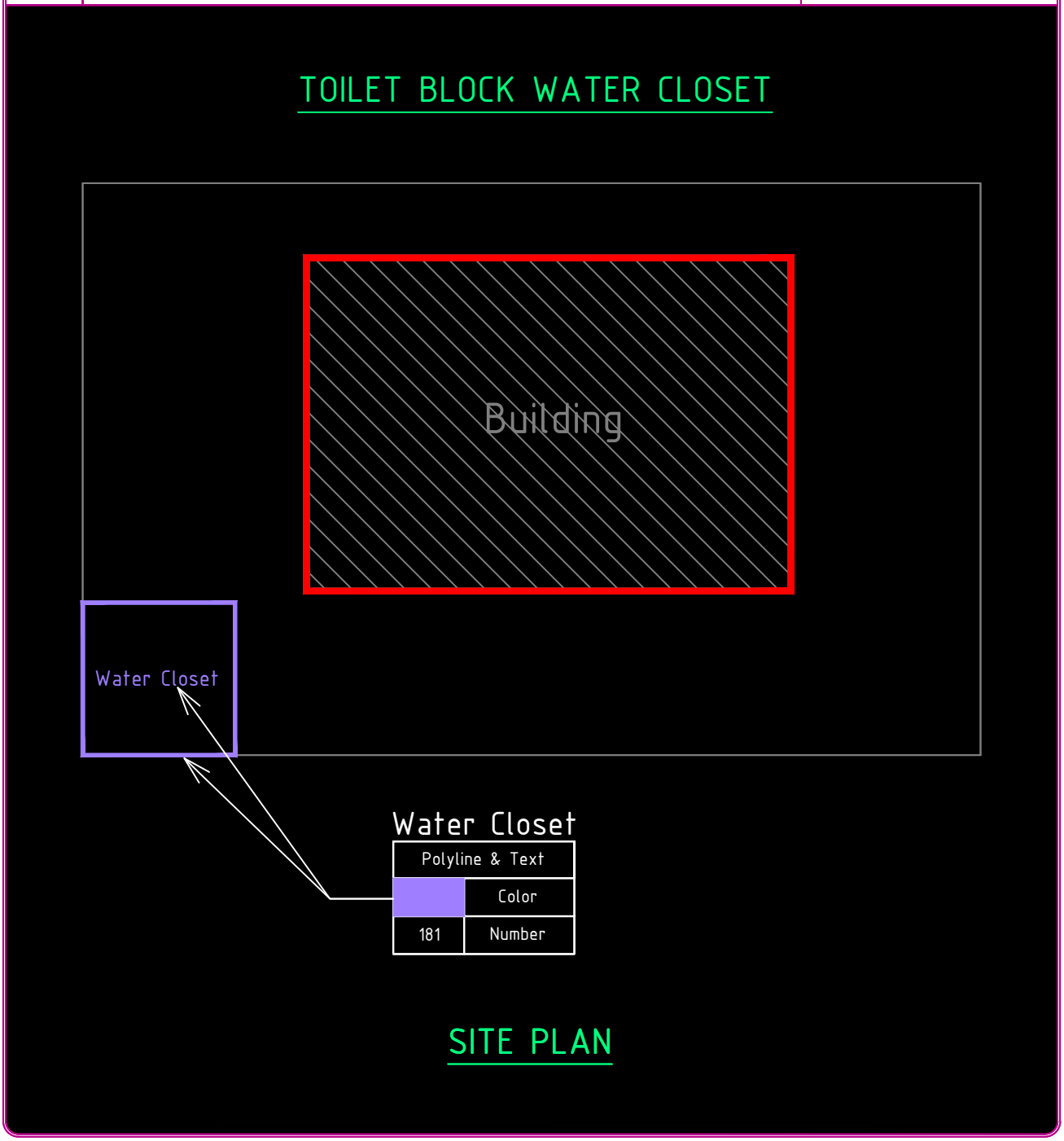
S.No	Description	Layer
23	Visitor Toilet shall be drawn as Polyline in Color No. 4 and text shall be placed inside the Polyline in the same color.	FLOOR-GROUND or FLOOR-STILT



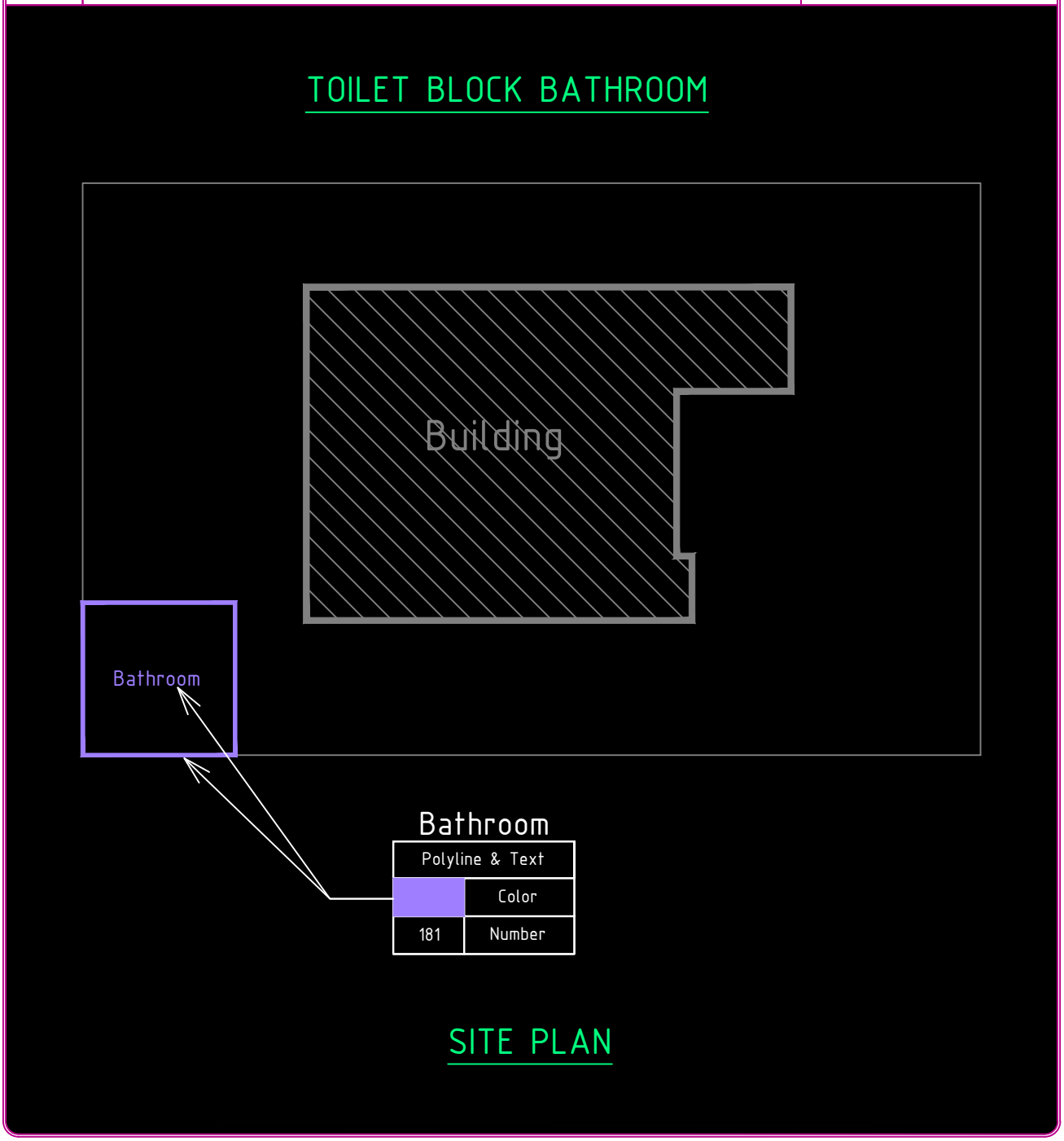
S.No	Description	Layer
24	Driver Toilet shall be drawn as Polyline in Color No. 4 and text shall be placed inside the Polyline in the same color.	FLOOR-GROUND or FLOOR-STILT



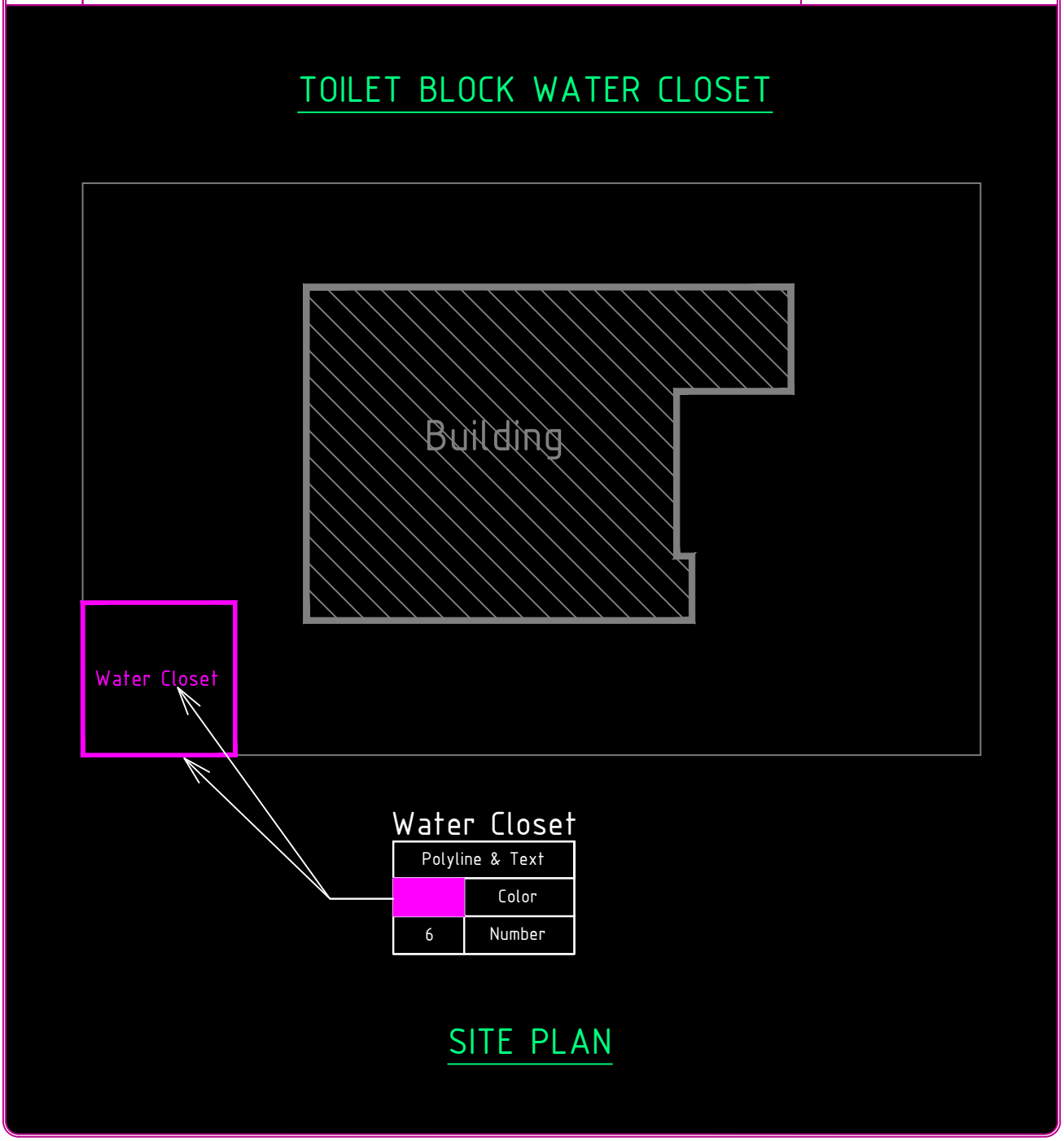
S.No	Description	Layer
25	Water Closet for Residential shall be drawn as Polyline in Color No. 181 and text shall be placed inside the Polyline in the same color. Note: Applicable for the Toilet Constructed Outside the Building.	FLOOR-GROUND or FLOOR-STILT



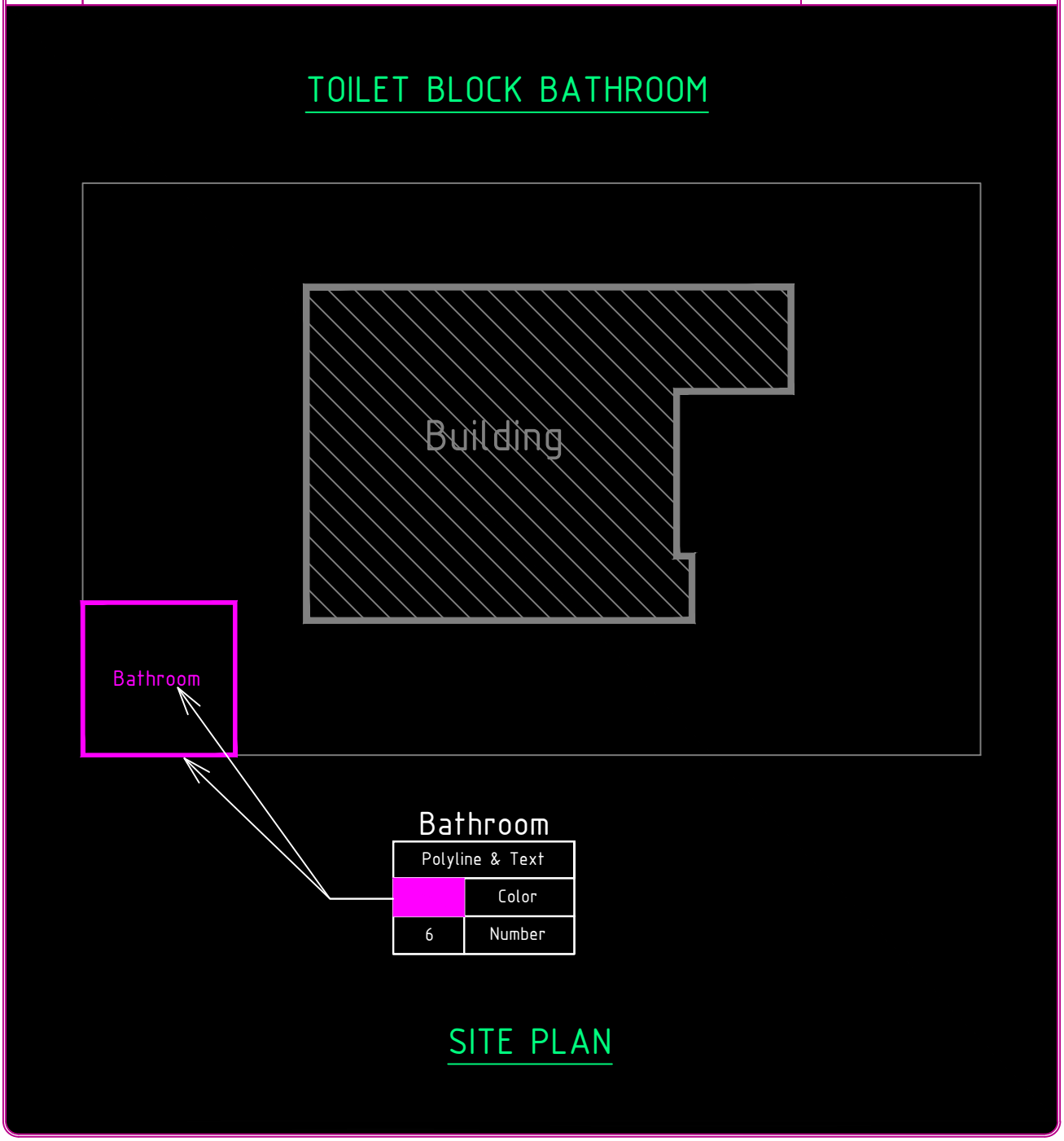
S.No	Description	Layer
26	Bathroom for Residential shall be drawn as Polyline in Color No. 181 and text shall be placed inside the Polyline in the same color. Note: Applicable for the Toilet Constructed Outside the Building.	FLOOR-GROUND or FLOOR-STILT



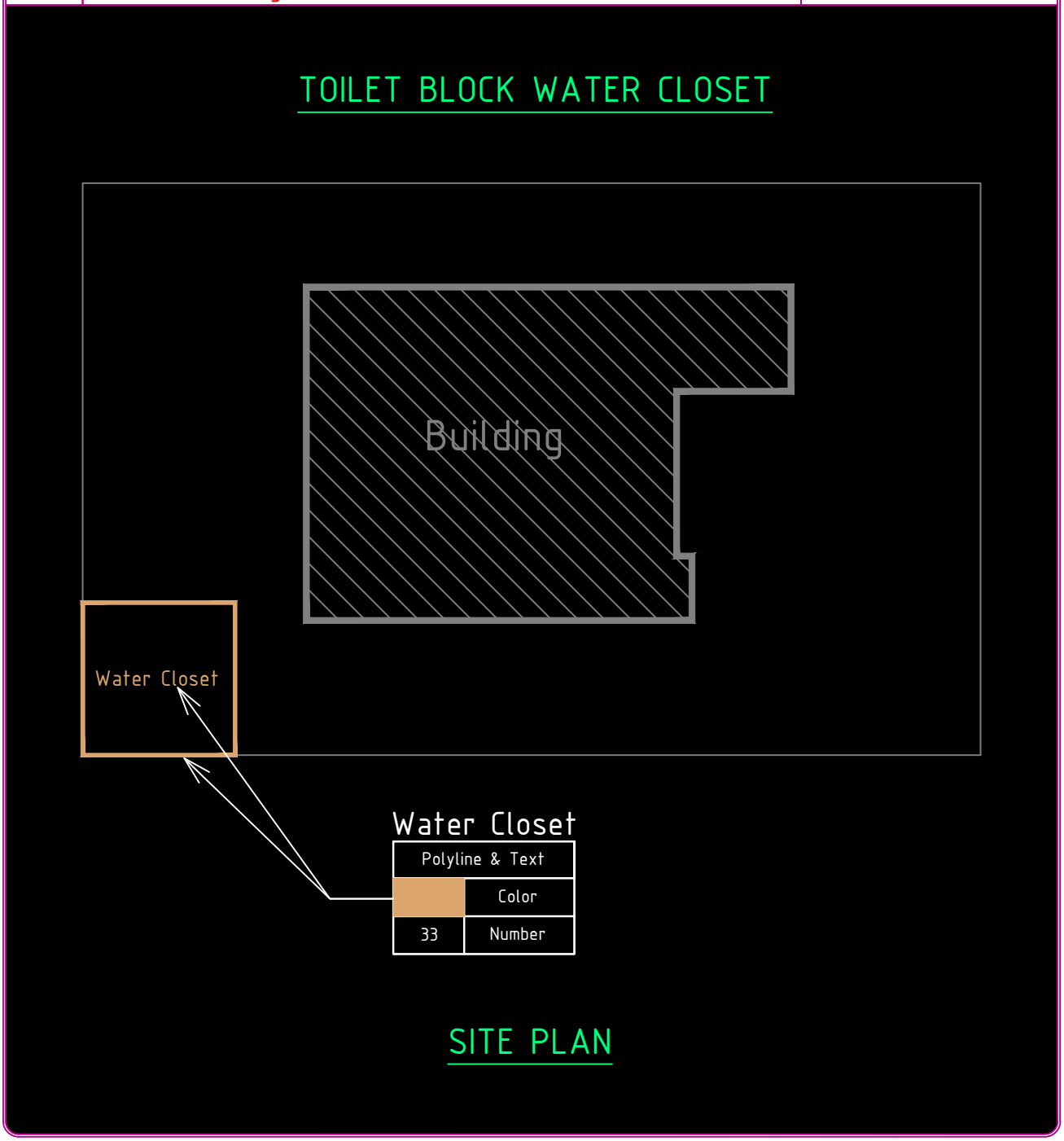
S.No	Description	Layer
27	Water Closet for Commercial shall be drawn as Polyline in Color No. 6 and text shall be placed inside the Polyline in the same color. Note: Applicable for the Toilet Constructed Outside the Building.	FLOOR-GROUND or FLOOR-STILT



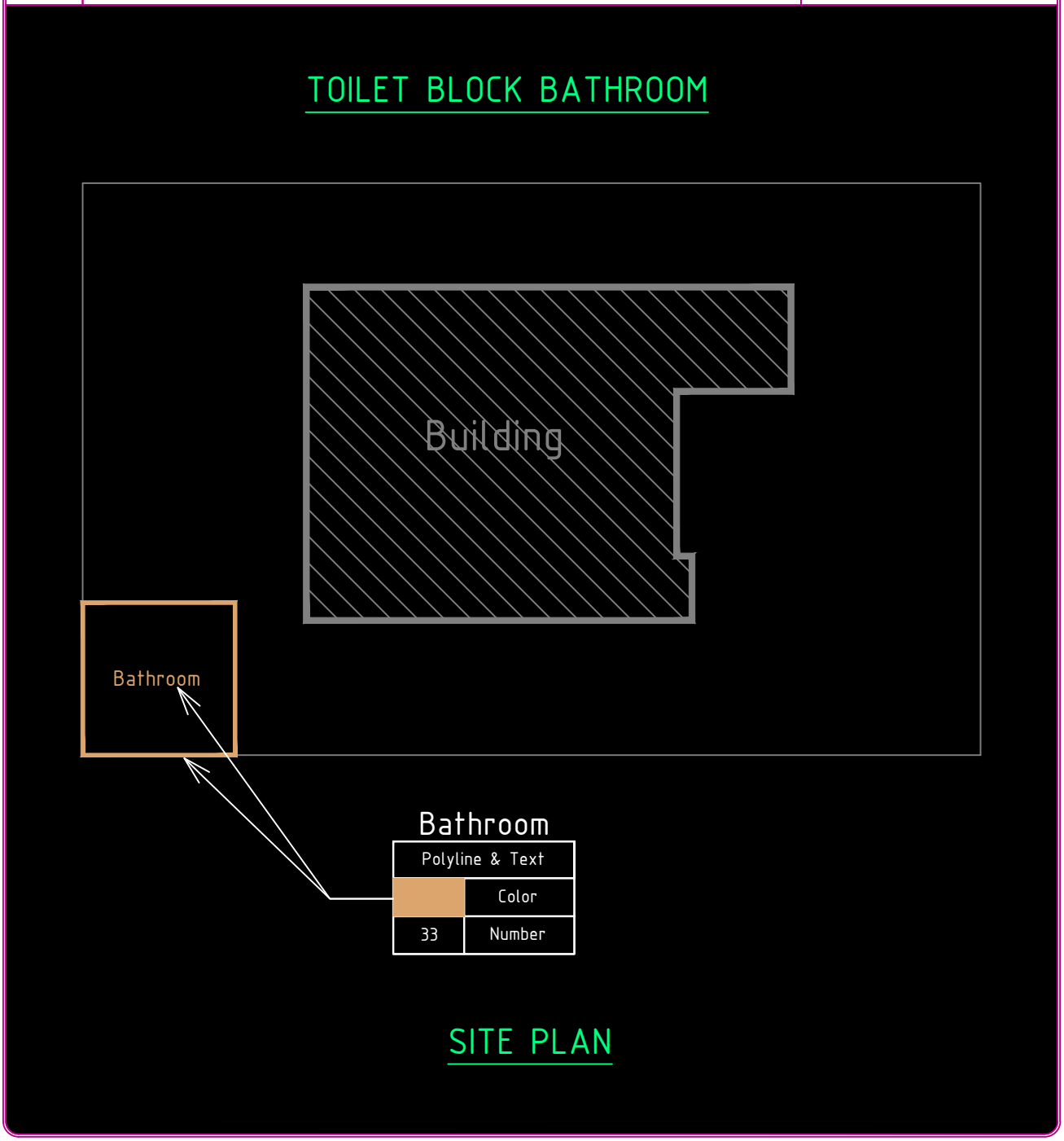
S.No	Description	Layer
28	Bathroom for Commercial shall be drawn as Polyline in Color No. 6 and text shall be placed inside the Polyline in the same color. Note: Applicable for the Toilet Constructed Outside the Building.	FLOOR-GROUND or FLOOR-STILT



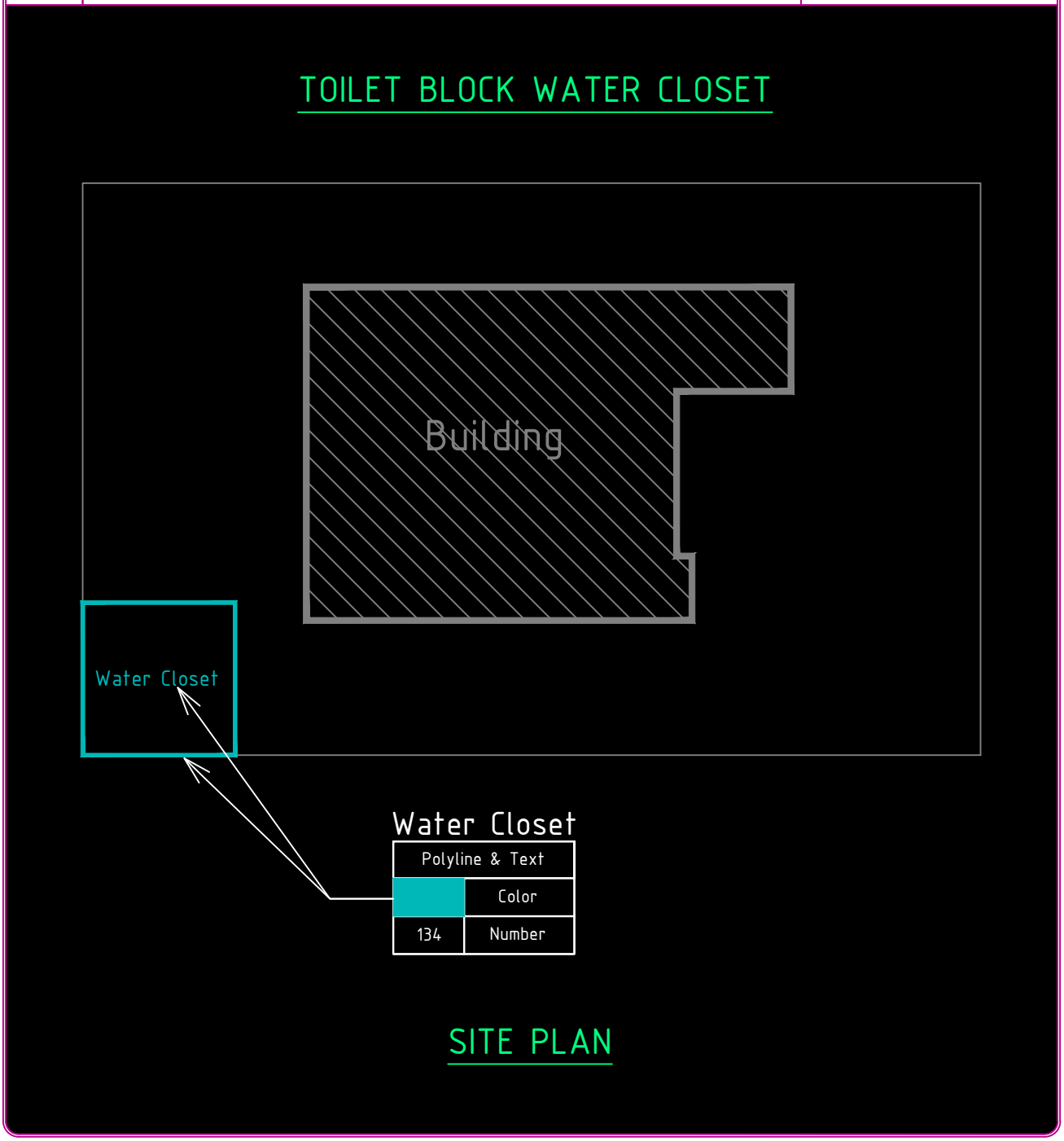
S.No	Description	Layer
29	Water Closet for Institutional shall be drawn as Polyline in Color No. 33 and text shall be placed inside the Polyline in the same color. Note 1 : Network Services and Utilities, Public Amenities & Park, Open Space and Green Belt Premises can follow the same Color. Note 2 :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



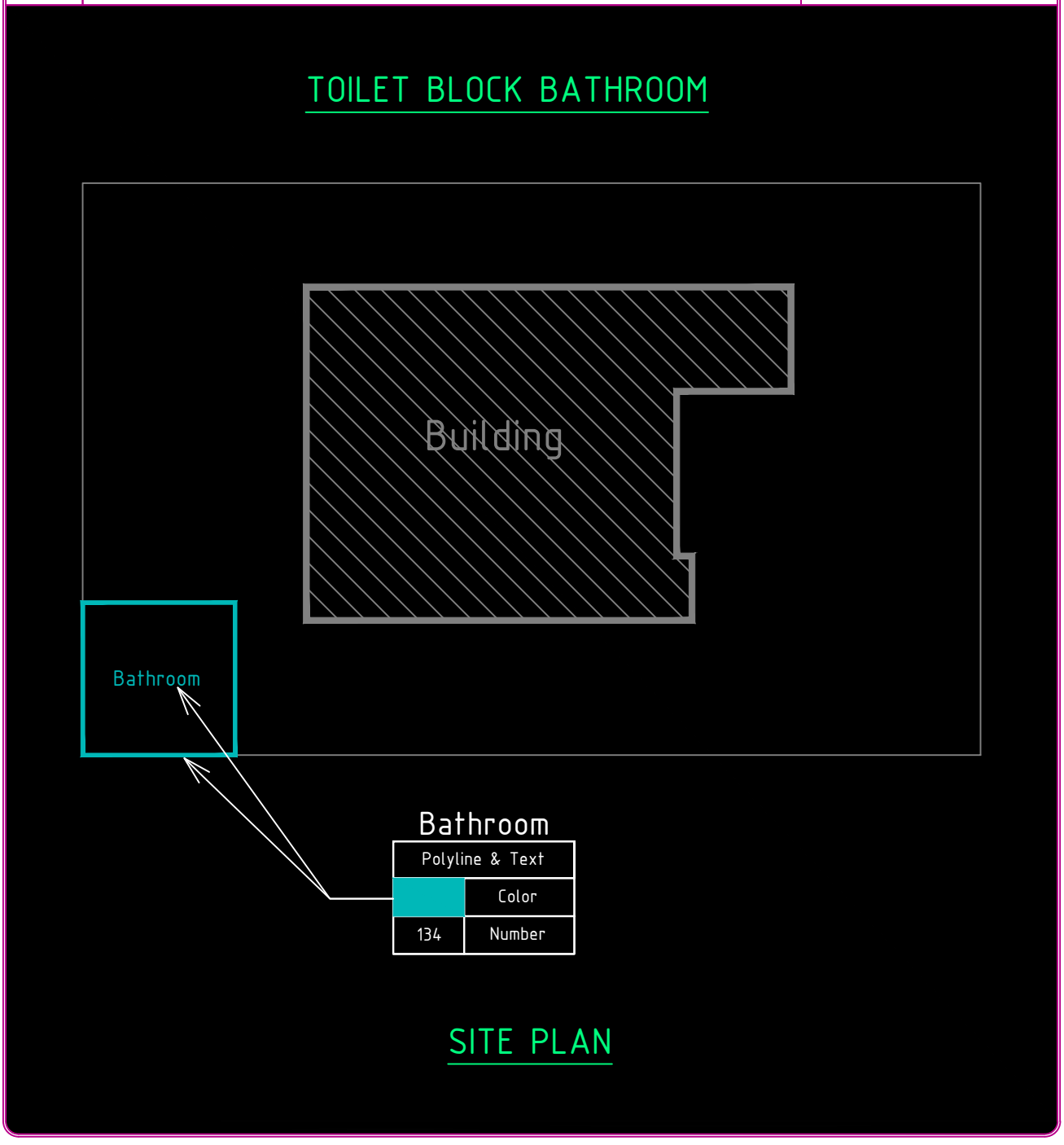
S.No	Description	Layer
30	Bathroom for Institutional shall be drawn as Polyline in Color No. 33 and text shall be placed inside the Polyline in the same color. Note: Applicable for the Toilet Constructed Outside the Building.	FLOOR-GROUND or FLOOR-STILT



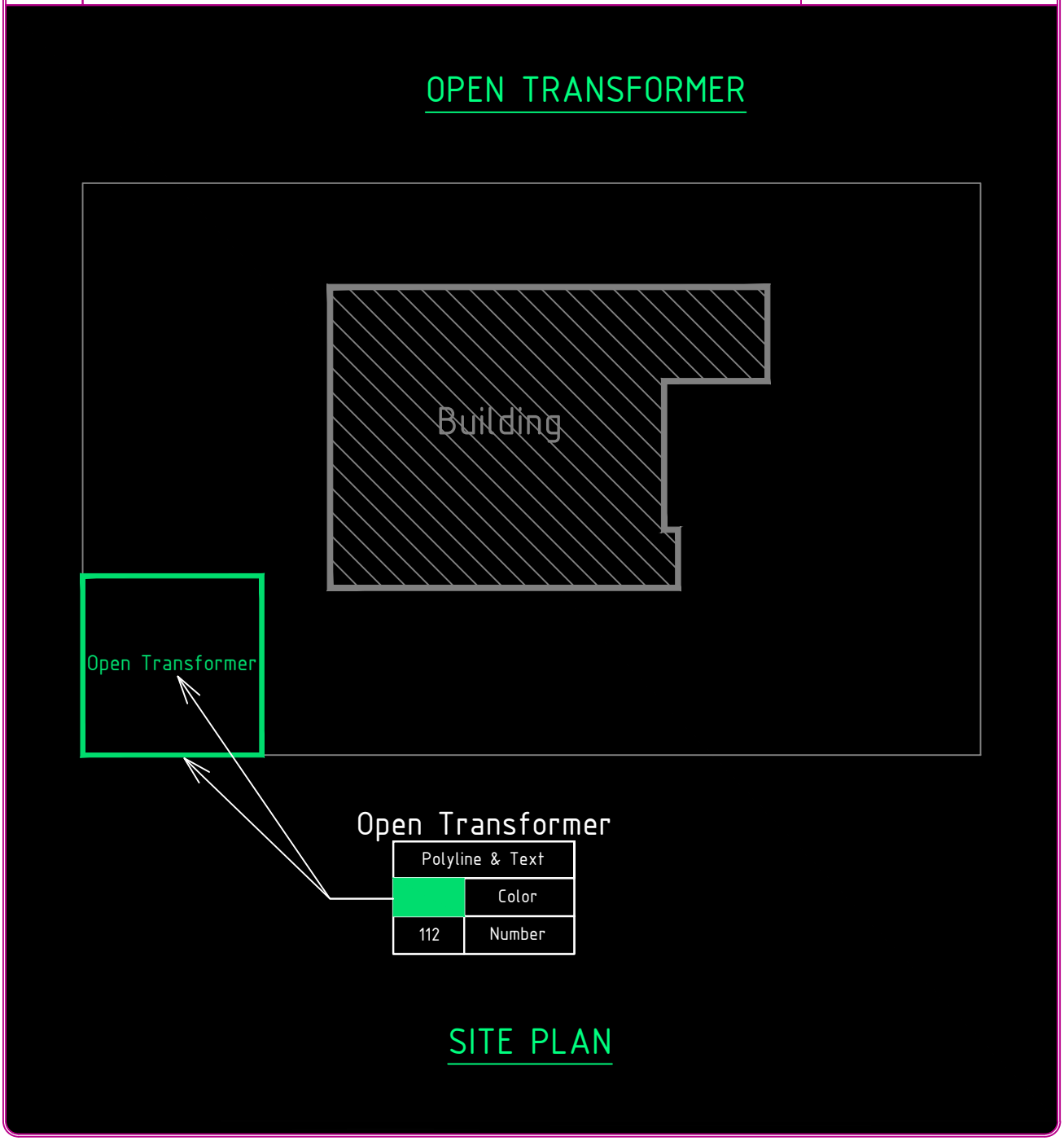
S.No	Description	Layer
31	Water Closet for Industrial shall be drawn as Polyline in Color No. 134 and text shall be placed inside the Polyline in the same color. Note 1 : Agriculture Premises can follow the same Color. Note 2 : Applicable for the Toilet Constructed Outside the Building.	FLOOR-GROUND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



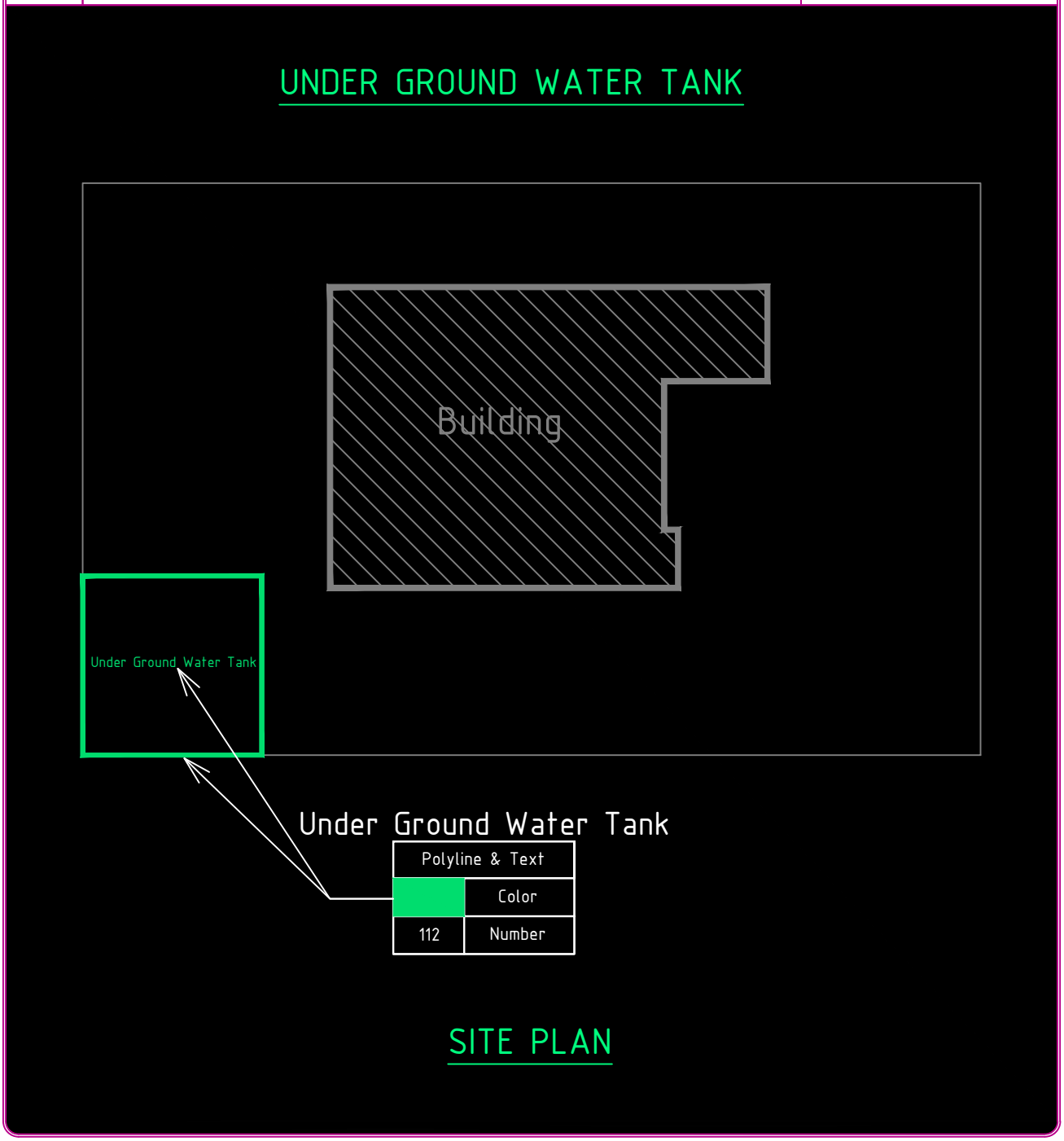
S.No	Description	Layer
32	Bathroom for Industrial shall be drawn as Polyline in Color No. 134 and text shall be placed inside the Polyline in the same color. Note 1 : Agriculture Premises can follow the same Color. Note 2 : Applicable for the Toilet Constructed Outside the Building.	FLOOR-GROUND or FLOOR-STILT



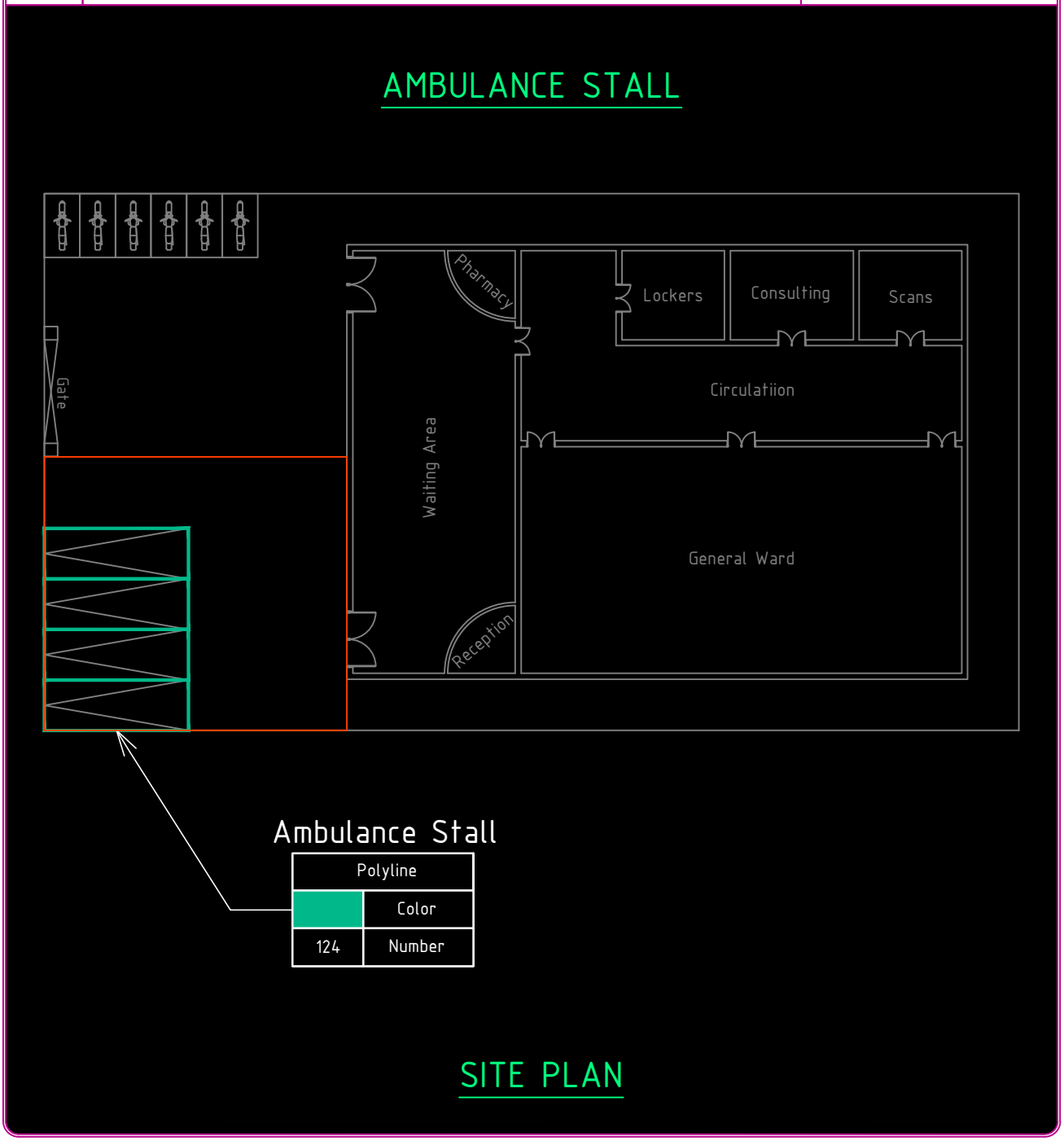
S.No	Description	Layer
33	Open Transformer shall be drawn as Polyline in Color No. 112 and text shall be placed inside the Polyline in the same color.	FLOOR-GROUND or FLOOR-STILT



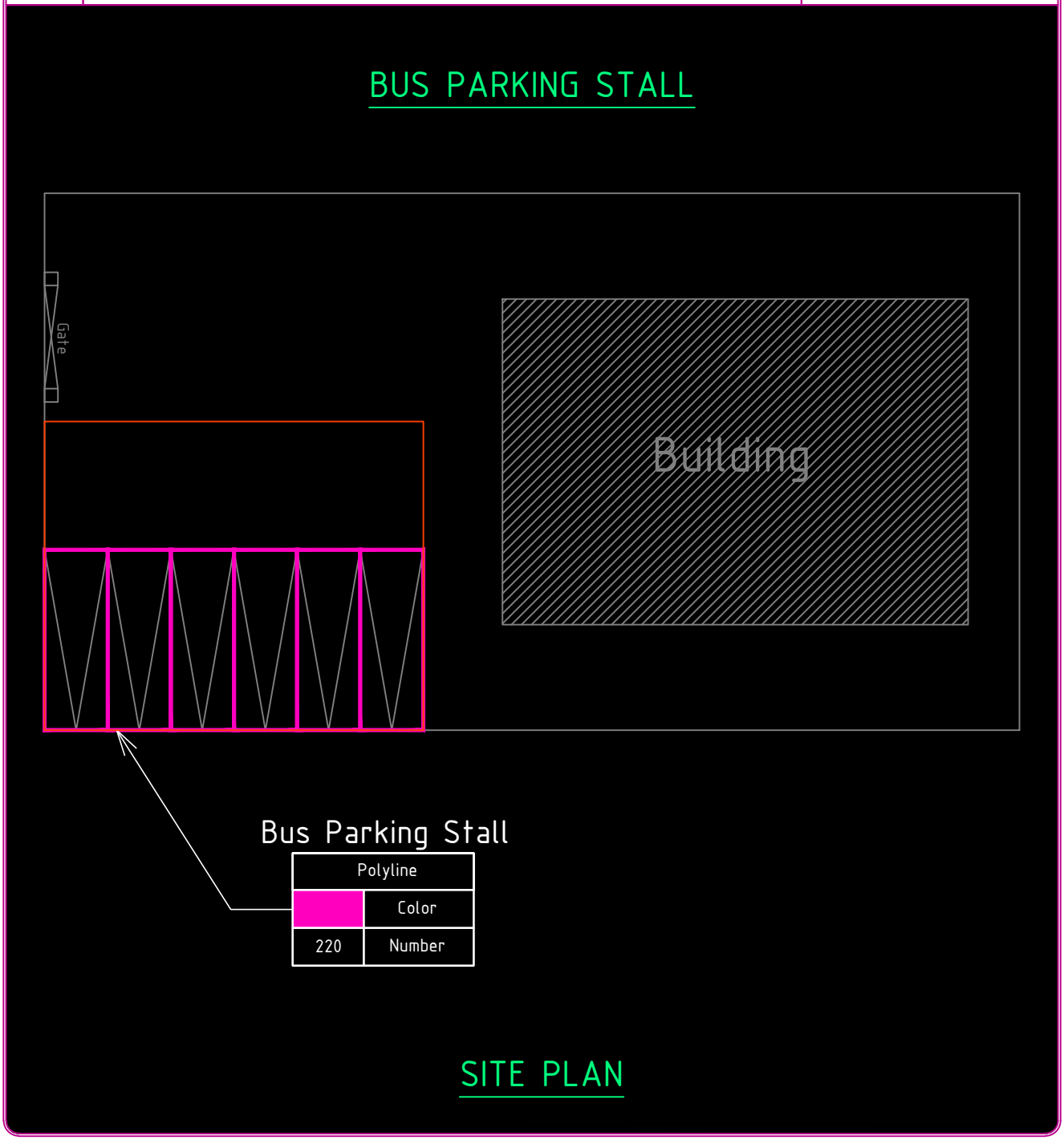
S.No	Description	Layer
34	Under Ground Water Tank shall be drawn as Polyline in Color No. 112 and text shall be placed inside the Polyline in the same color.	FLOOR-GROUND or FLOOR-STILT



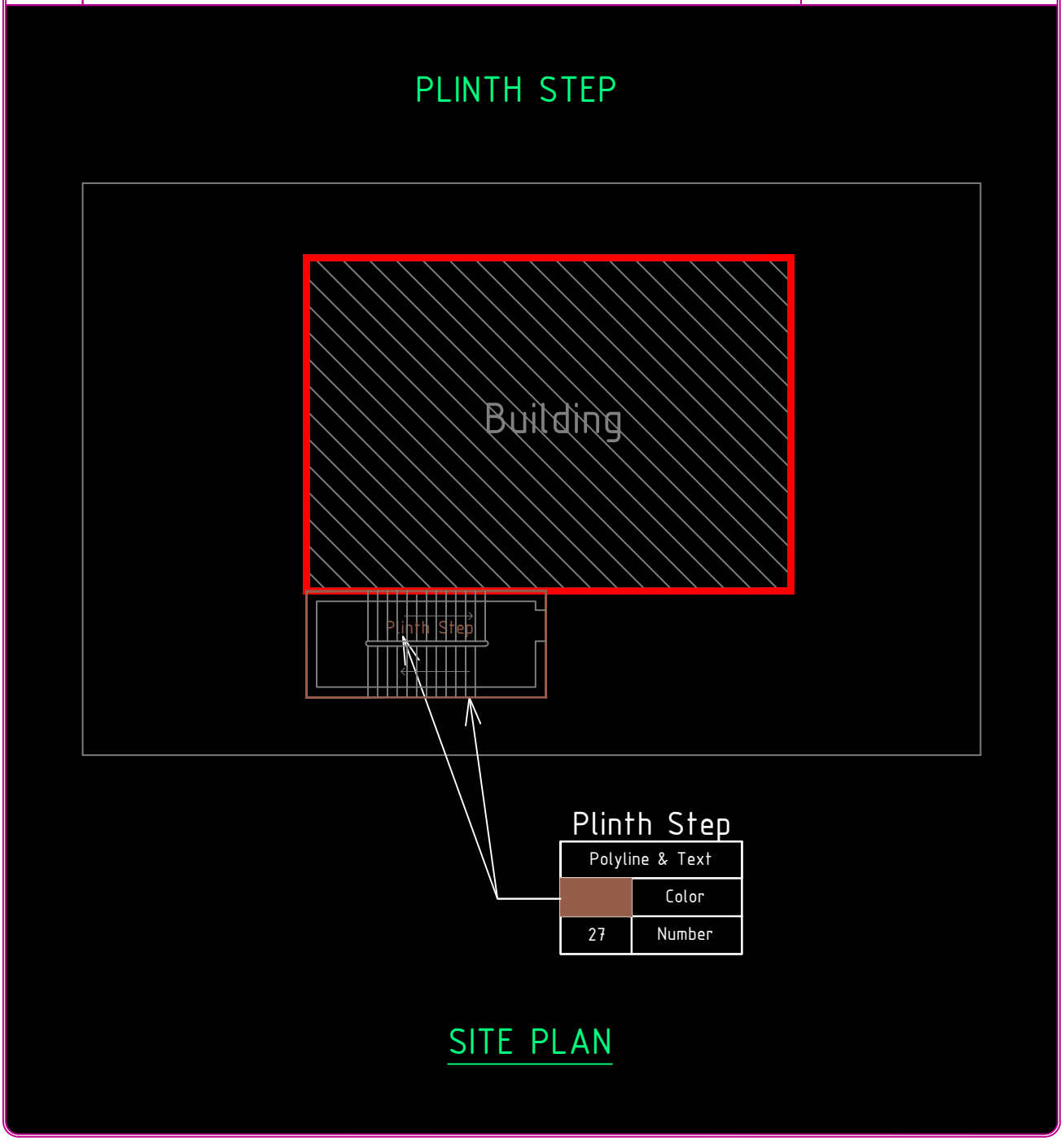
S.No	Description	Layer
35	Ambulance Stall shall be drawn as polyline in Color No. 124.	FLOOR-GROUND or FLOOR-STILT



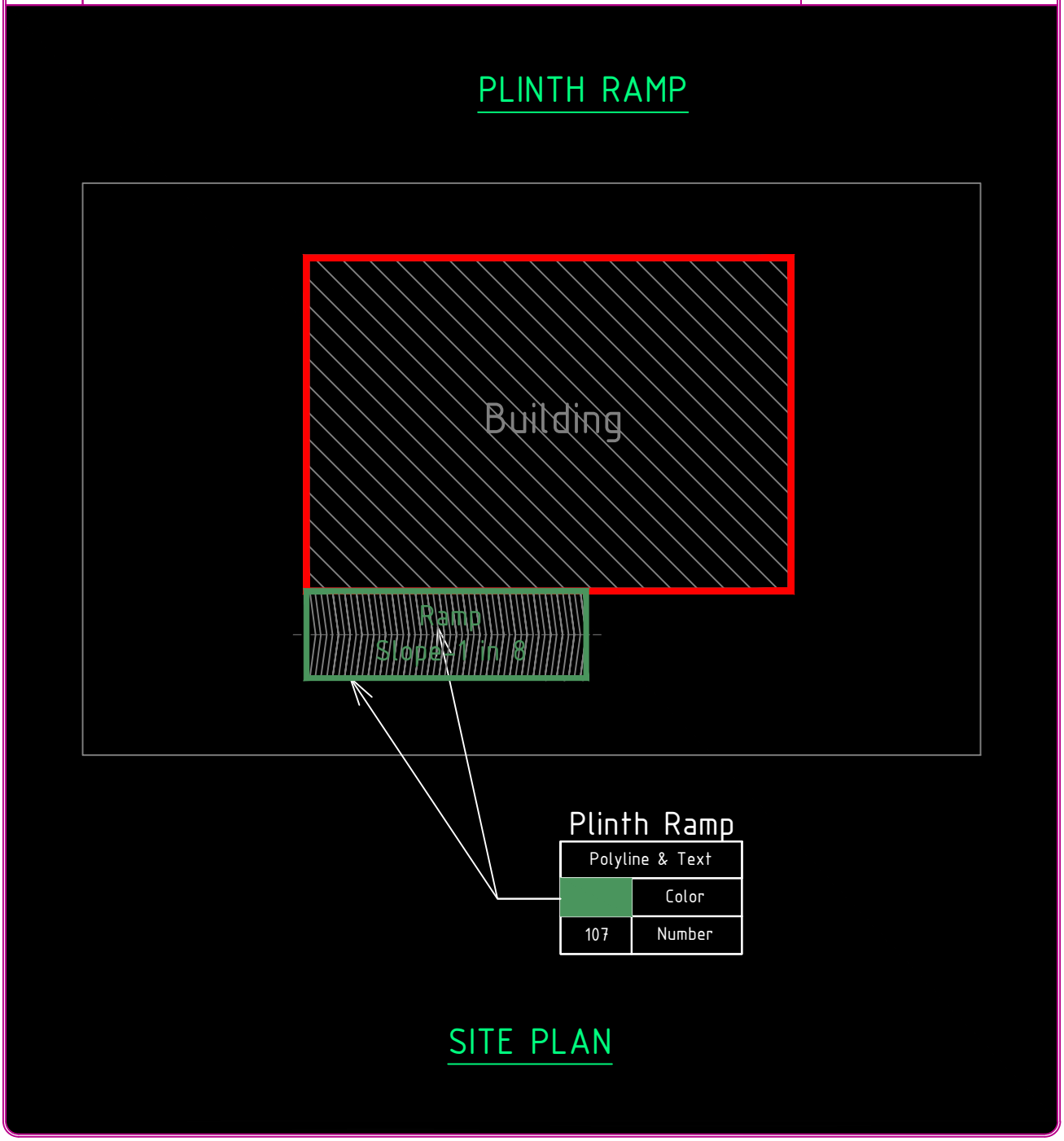
S.No	Description	Layer
36	Bus Parking Stall shall be drawn as polyline in Color No. 220.	FLOOR-GROUND or FLOOR-STILT



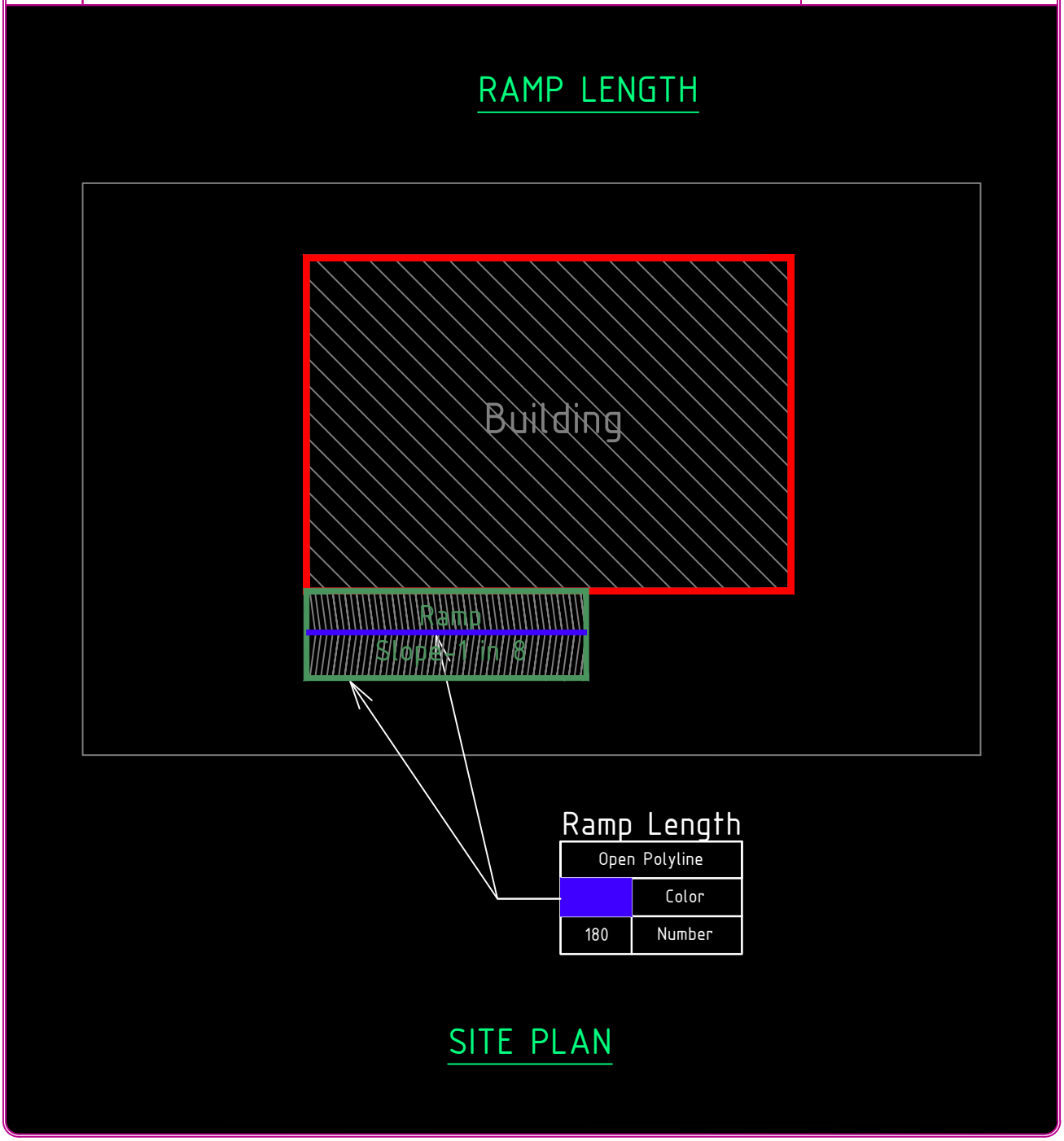
S.No	Description	Layer
37	Plinth Step shall be drawn as Polyline in Color No. 27 and text shall be placed inside the Polyline in the same color.	FLOOR-GROUND or FLOOR-STILT



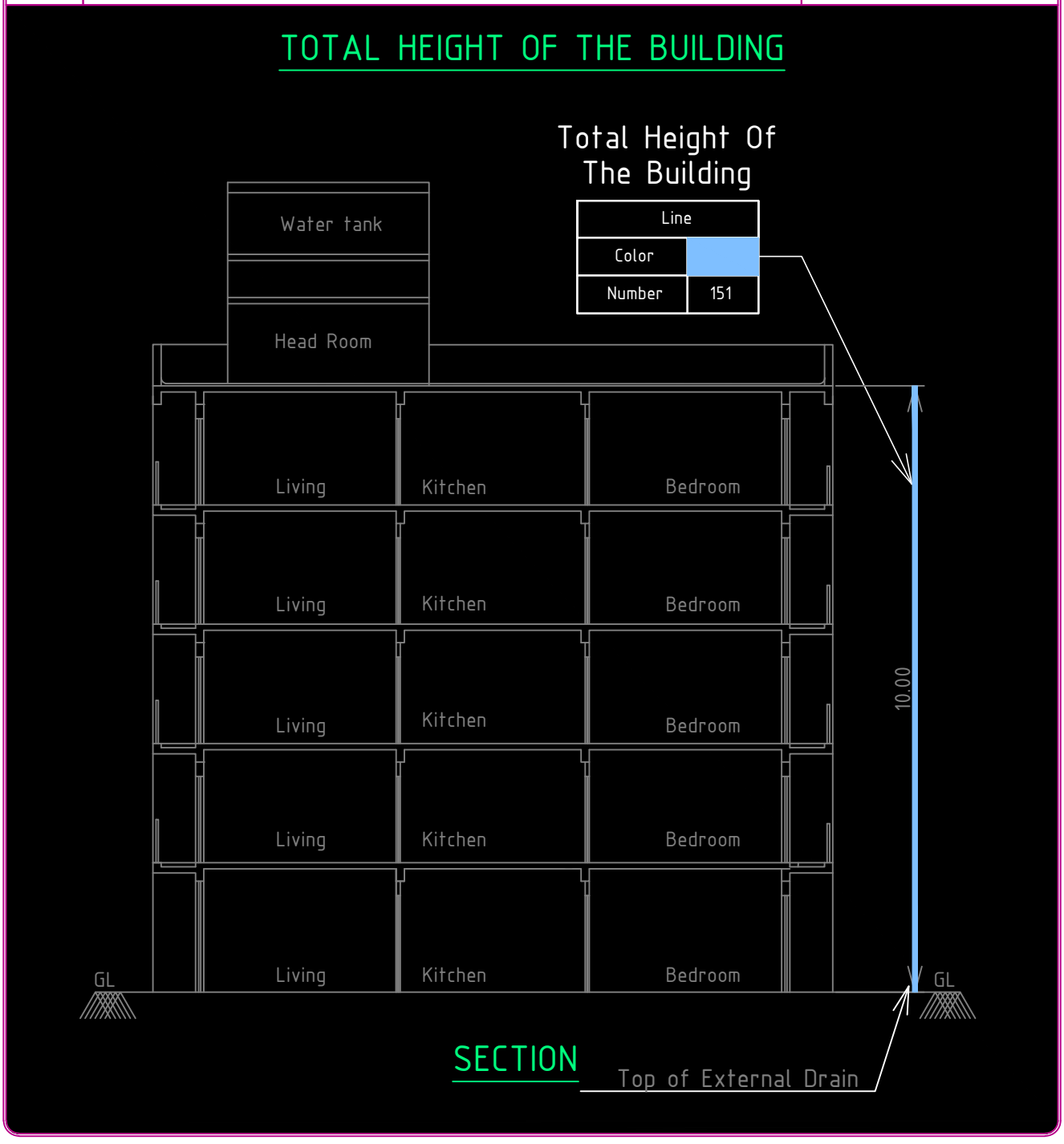
S.No	Description	Layer
38	Plinth Ramp shall be drawn as Polyline in Color No. 107 and text shall be placed inside the Polyline in the same color.	FLOOR-GROUND or FLOOR-STILT



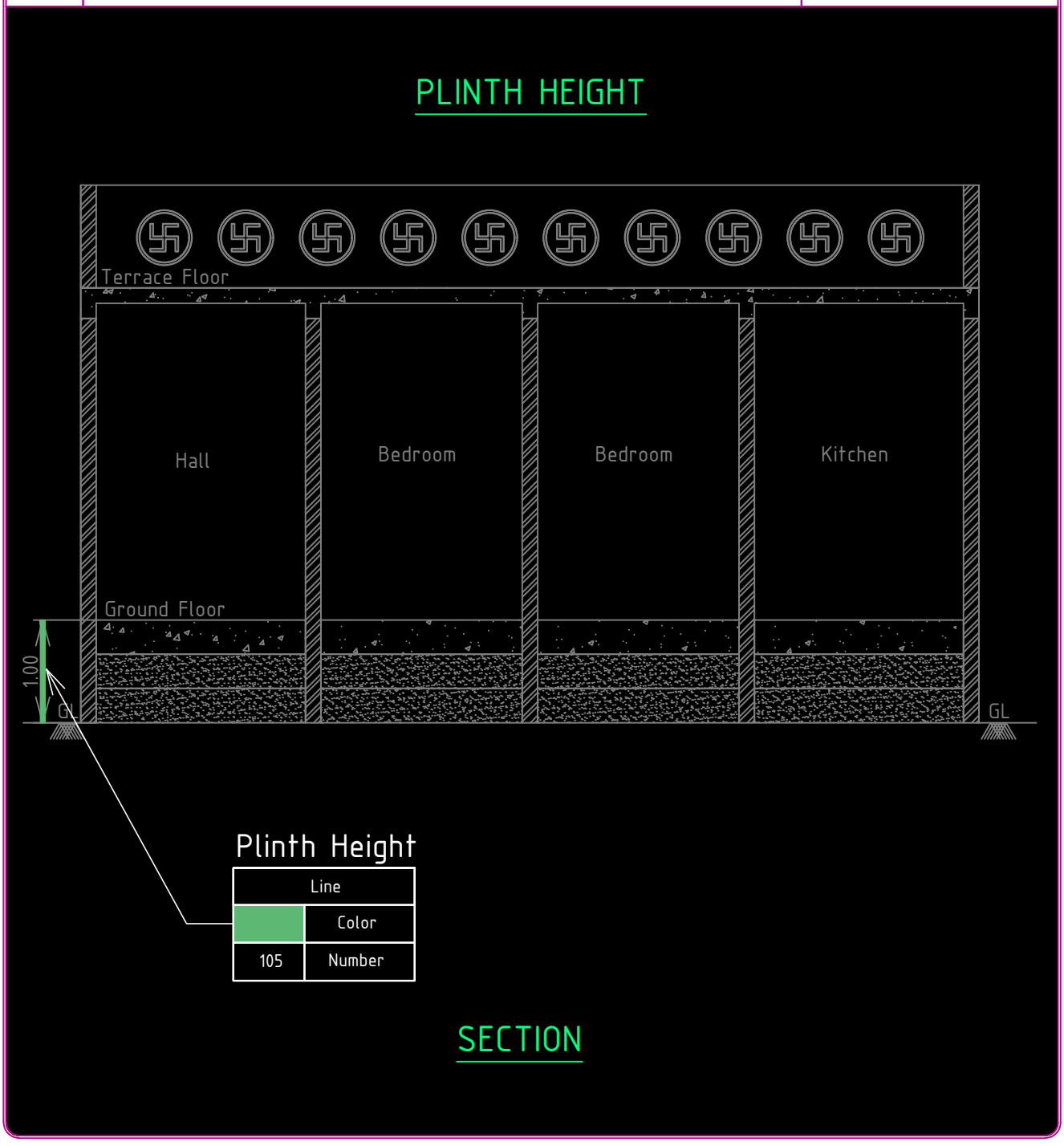
S.No	Description	Layer
39	Ramp shall be drawn as Open Polyline in Color No. 180	FLOOR-GROUND or FLOOR-STILT or Applicable Floor Layer



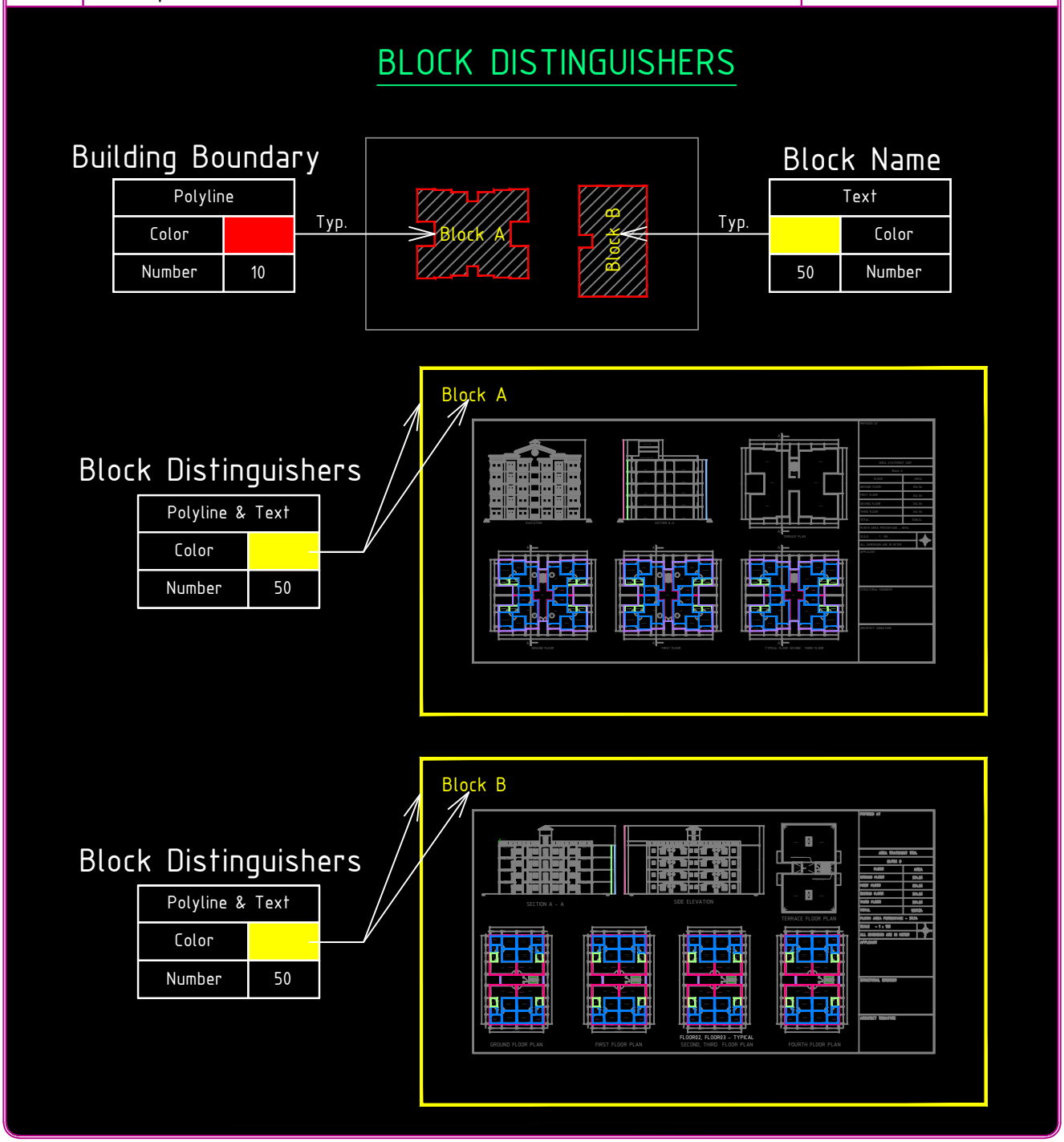
S.No	Description	Layer
40	Total Height of the building shall be drawn as Line in Color No. 151.	FLOOR-GROUND or FLOOR-STILT



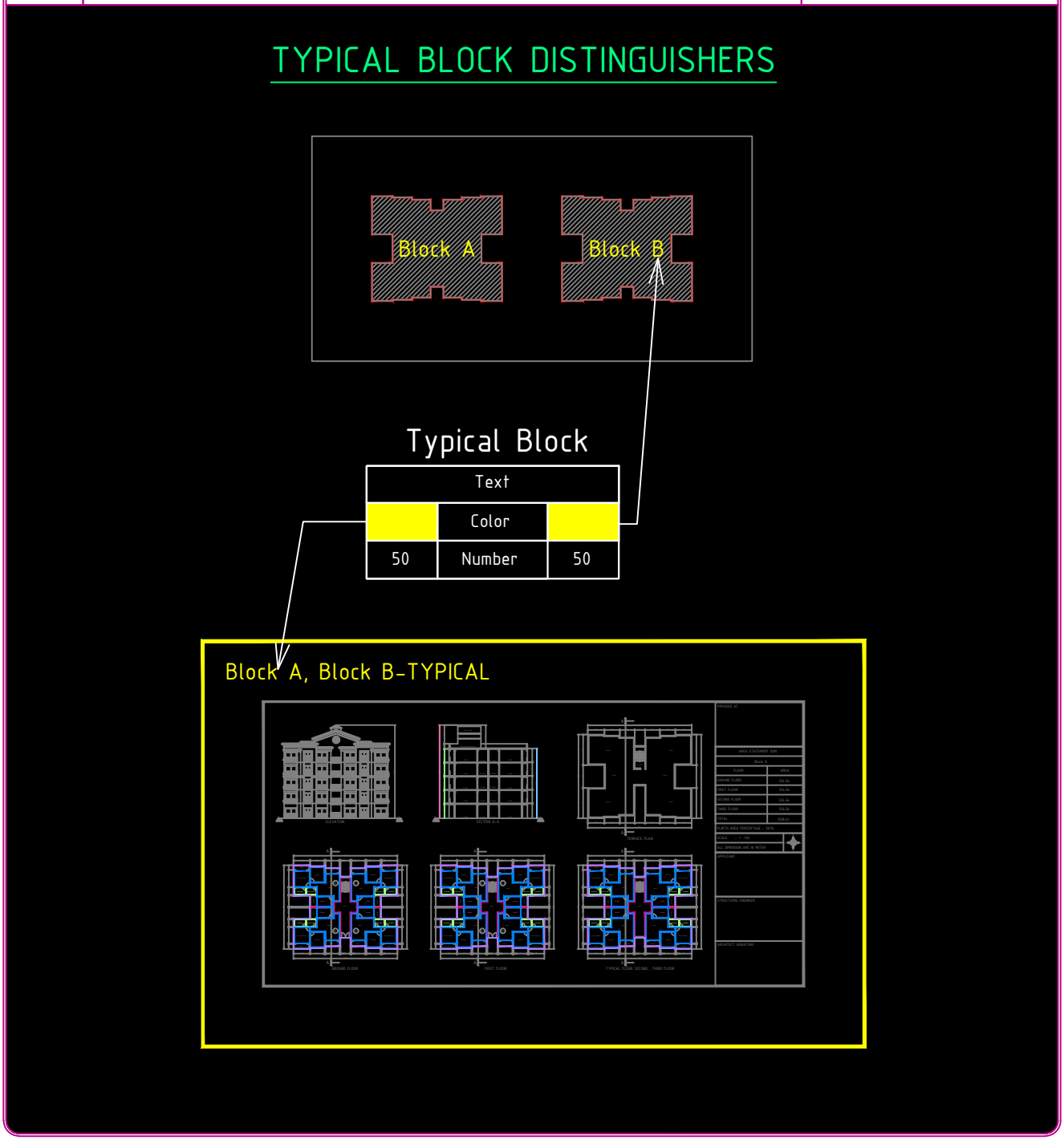
S.No	Description	Layer
41	Plinth height shall be drawn as line in Color No. 105.	FLOOR-GROUND or FLOOR-STILT



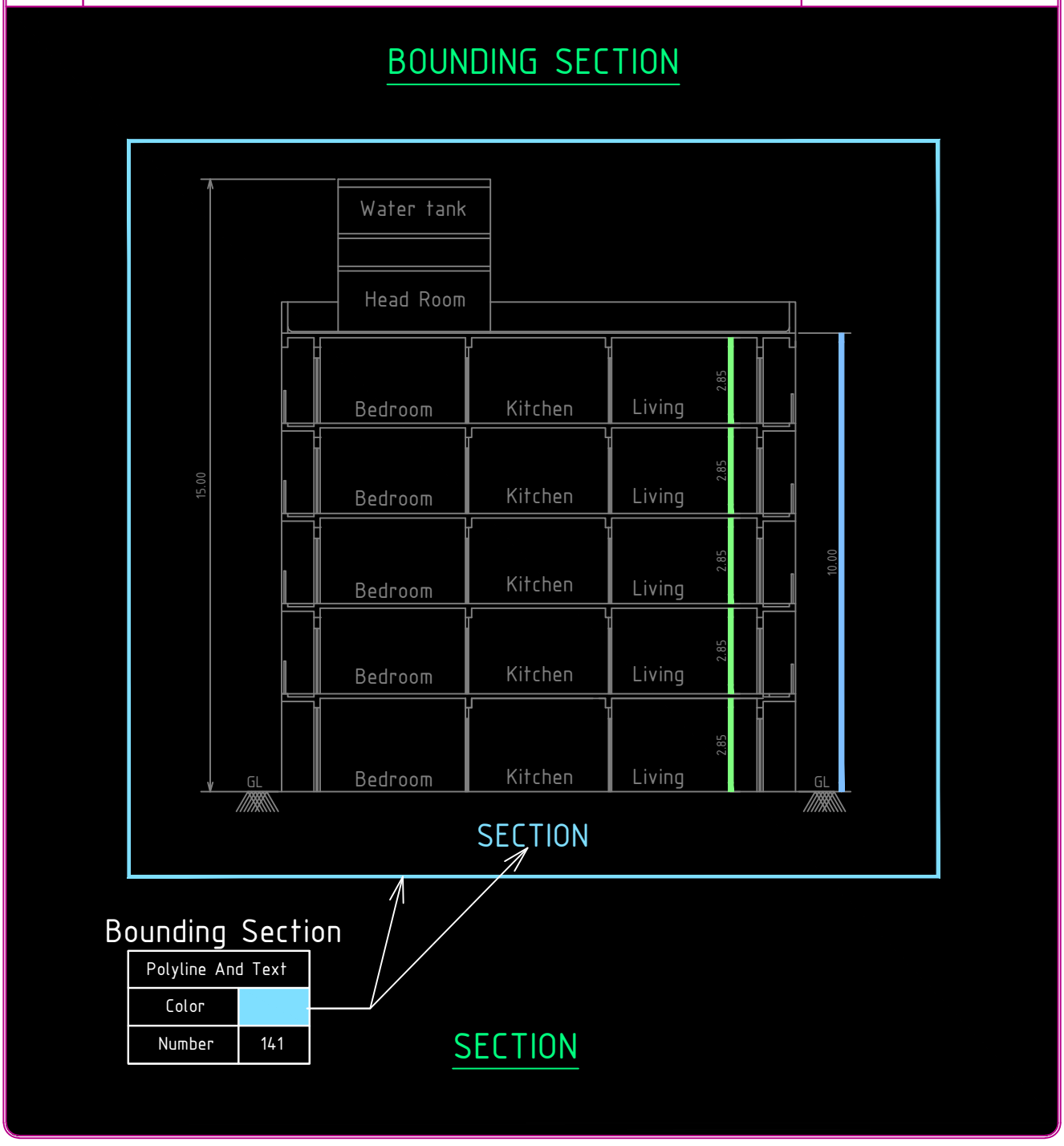
S.No	Description	Layer
42	Building blocks shall be distinguished from each other in case of Group Developments. Distinguishing of blocks shall be drawn by Polylines in Color No. 50 along with Block names as text in the same Color for identifying individual blocks present such as Block-A, Block-B. The 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



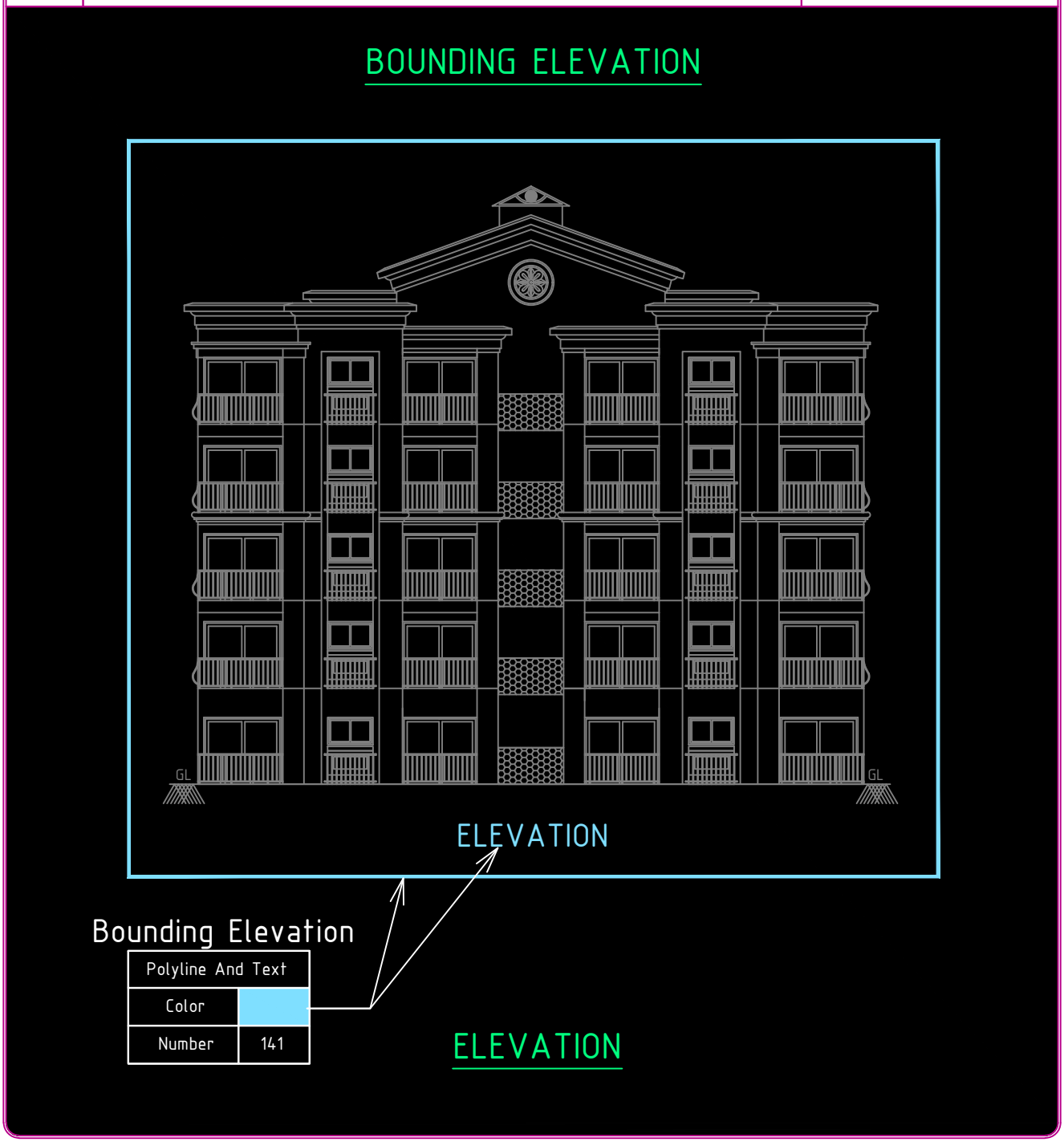
S.No	Description	Layer
43	If the Blocks are similar to Each other, then Block typical text to be kept in color no. 50. Example : If Block A , Block B - Typical	FLOOR-GROUND or FLOOR-STILT



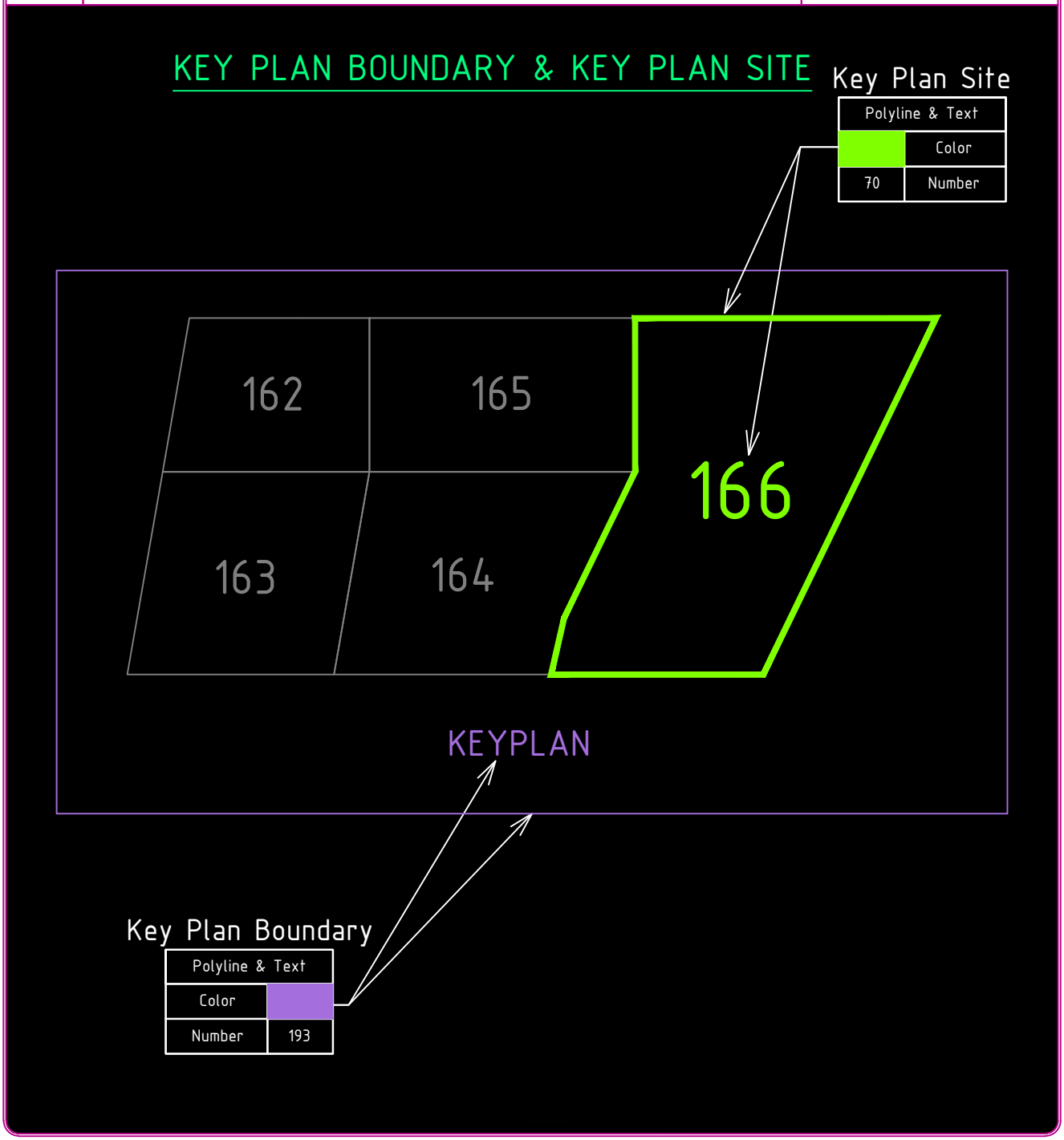
S.No	Description	Layer
44	Bounding Section Rectangle shall be drawn as Polyline in Color No. 141 and text shall be placed in the same Color.	FLOOR-GROUND or FLOOR-STILT



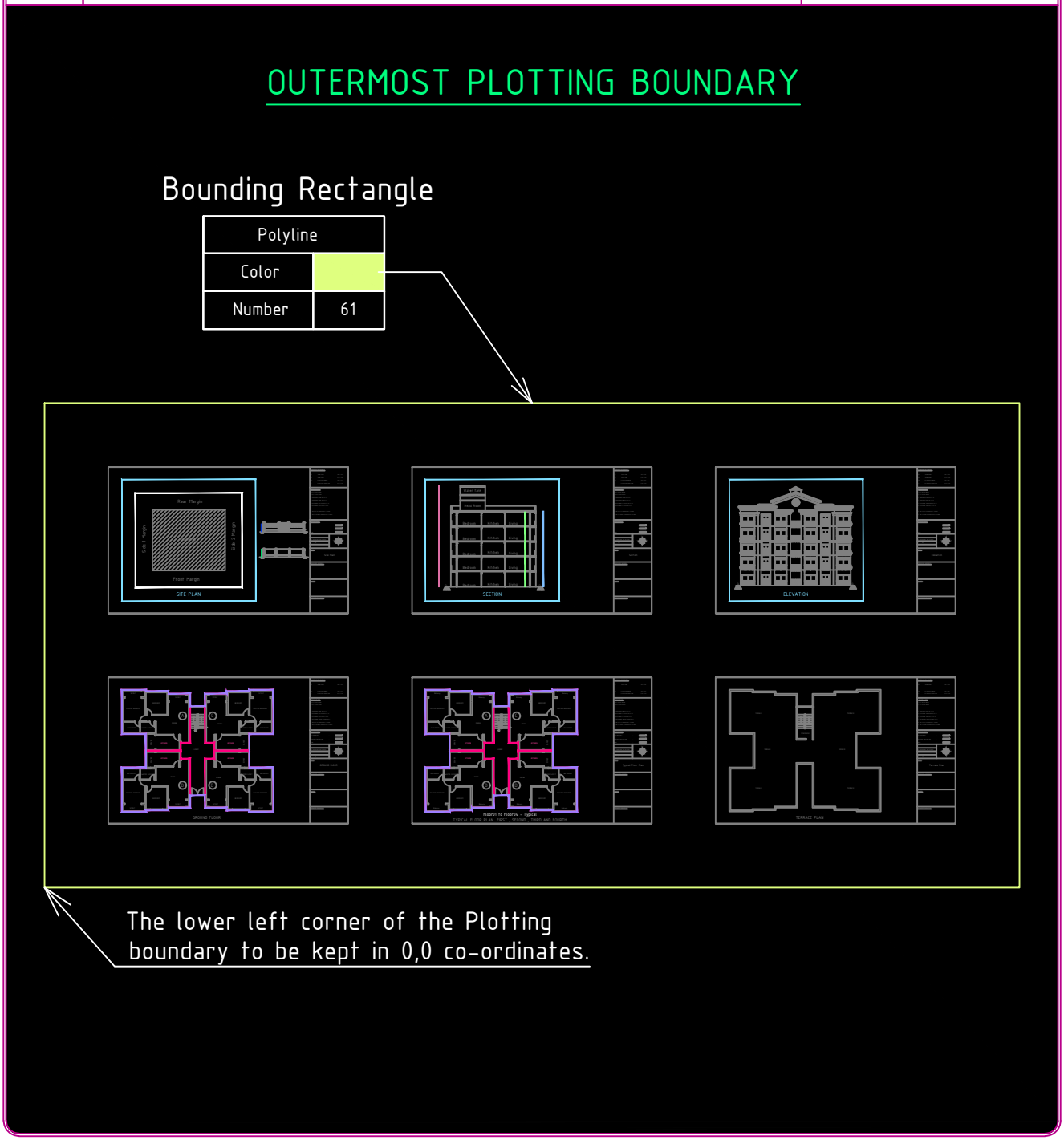
S.No	Description	Layer
45	Bounding Elevation Rectangle shall be drawn as Polyline in Color No. 141 and text shall be placed in the same Color.	FLOOR-GROUND or FLOOR-STILT



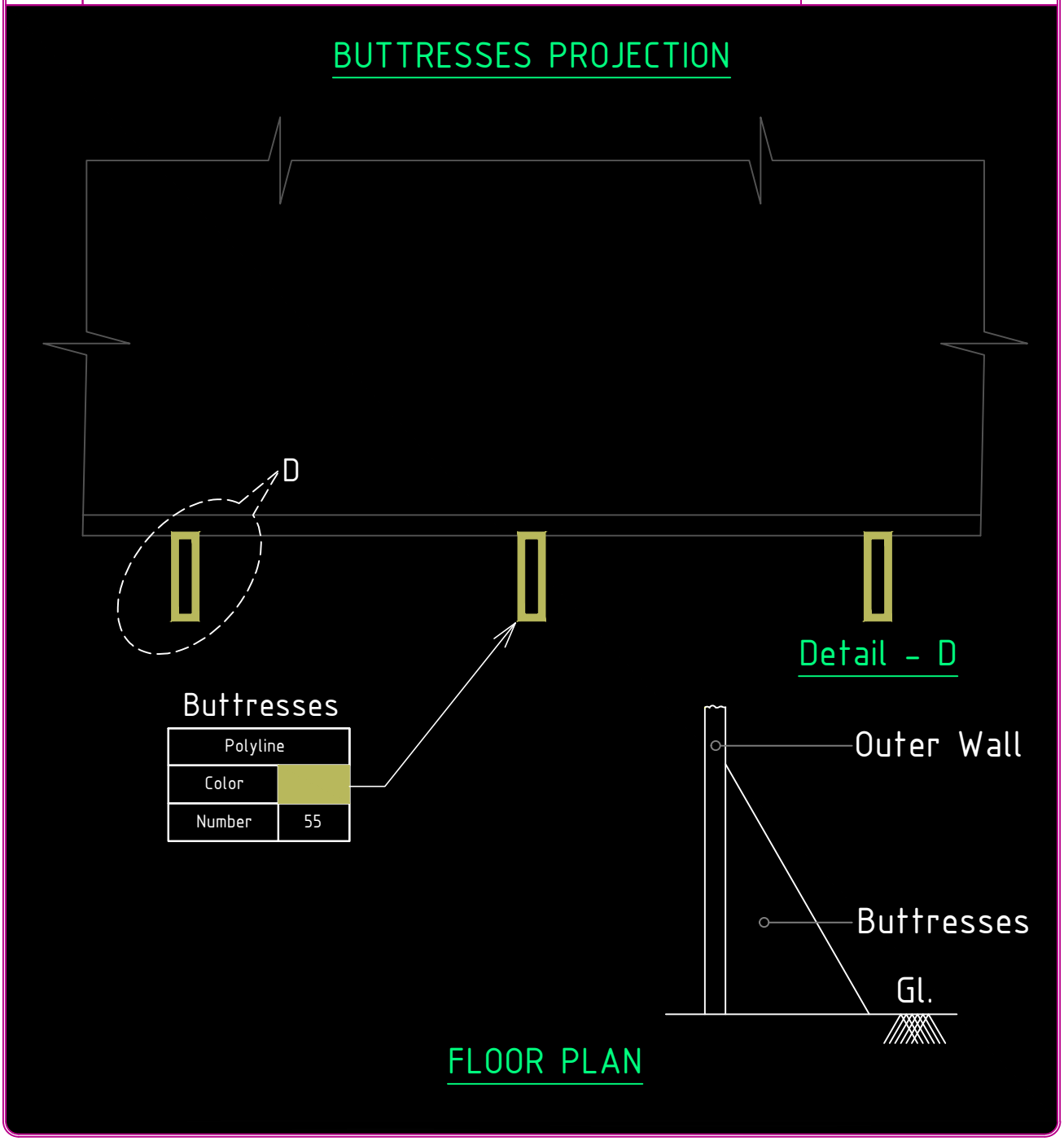
S.No	Description	Layer
46	Key Plan boundary shall be drawn as Polyline in Color No. 193 and text shall be placed inside the Polyline in the same Color. Key Plan Site shall be drawn as Polyline in Color No. 70 and text shall be placed inside the Polyline in the same Color.	FLOOR-GROUND or FLOOR-STILT



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

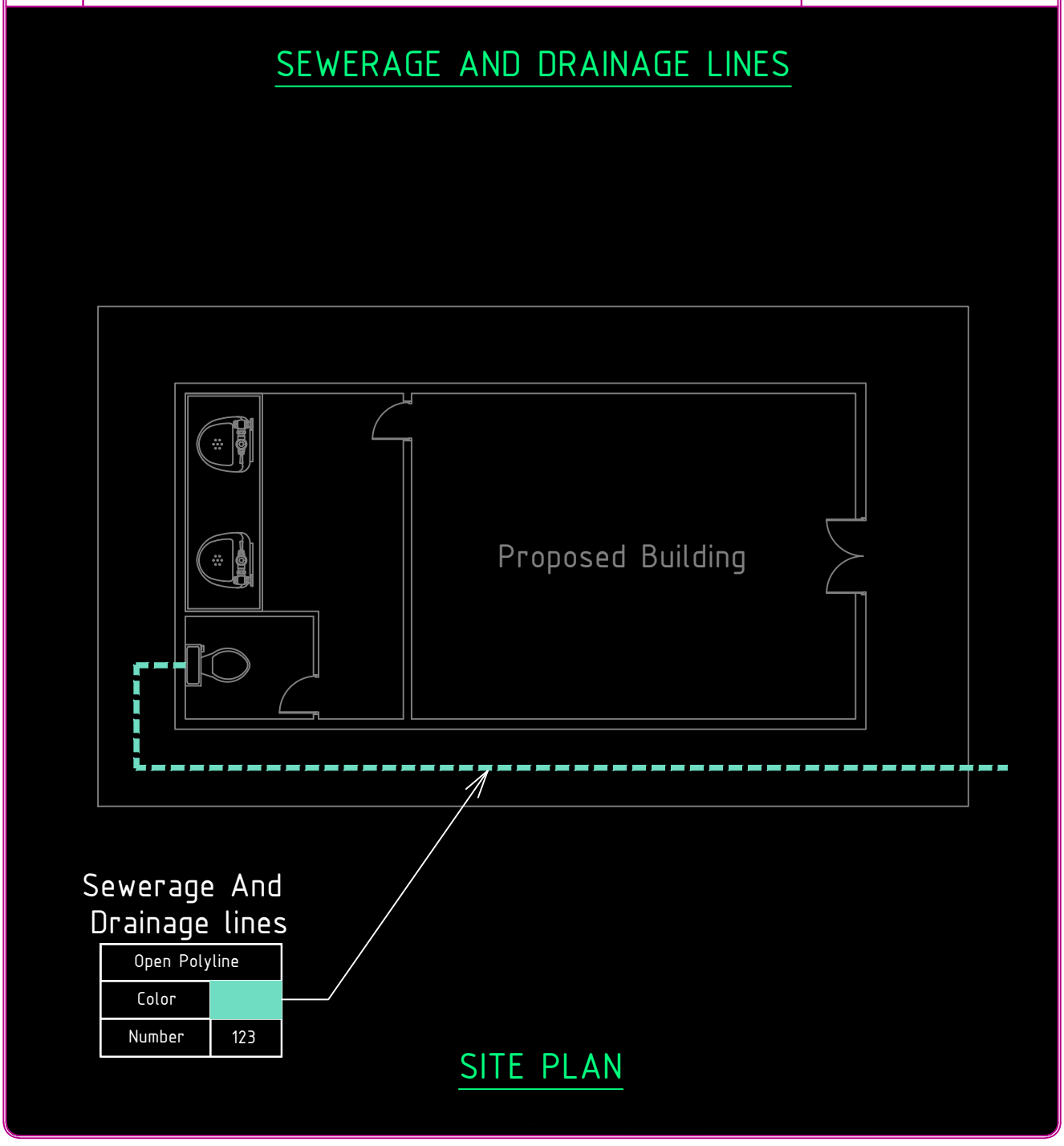


S.No	Description	Layer
48	Buttresses shall be drawn as Polyline in Color No. 55 outside the FAR Color Polyline.	FLOOR-GROUND

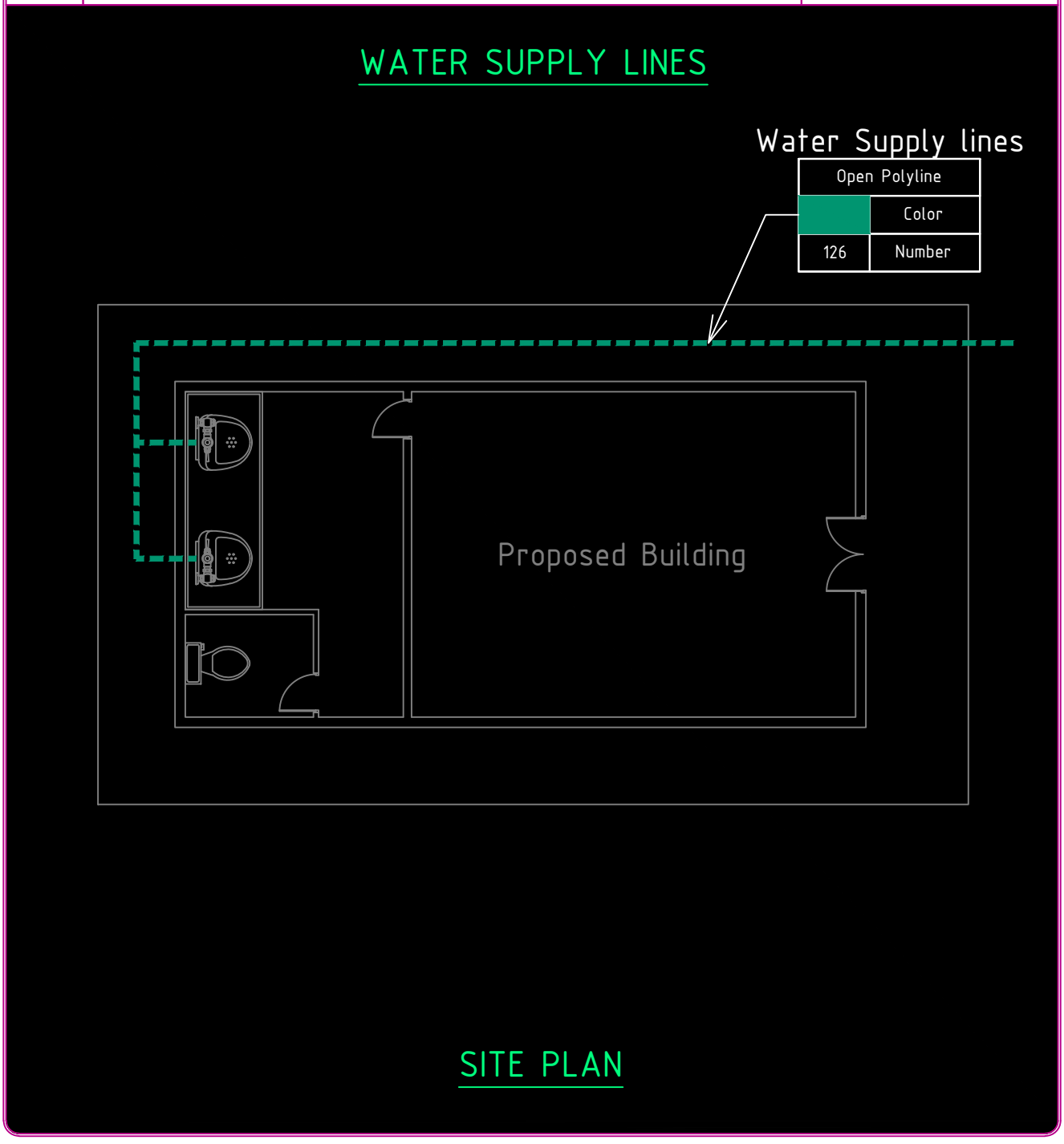


S.No	Description	Layer
49	Rain Water Harvesting Trench area shall be drawn as Polyline in Color No. 42.	FLOOR-GROUND or FLOOR-STILT

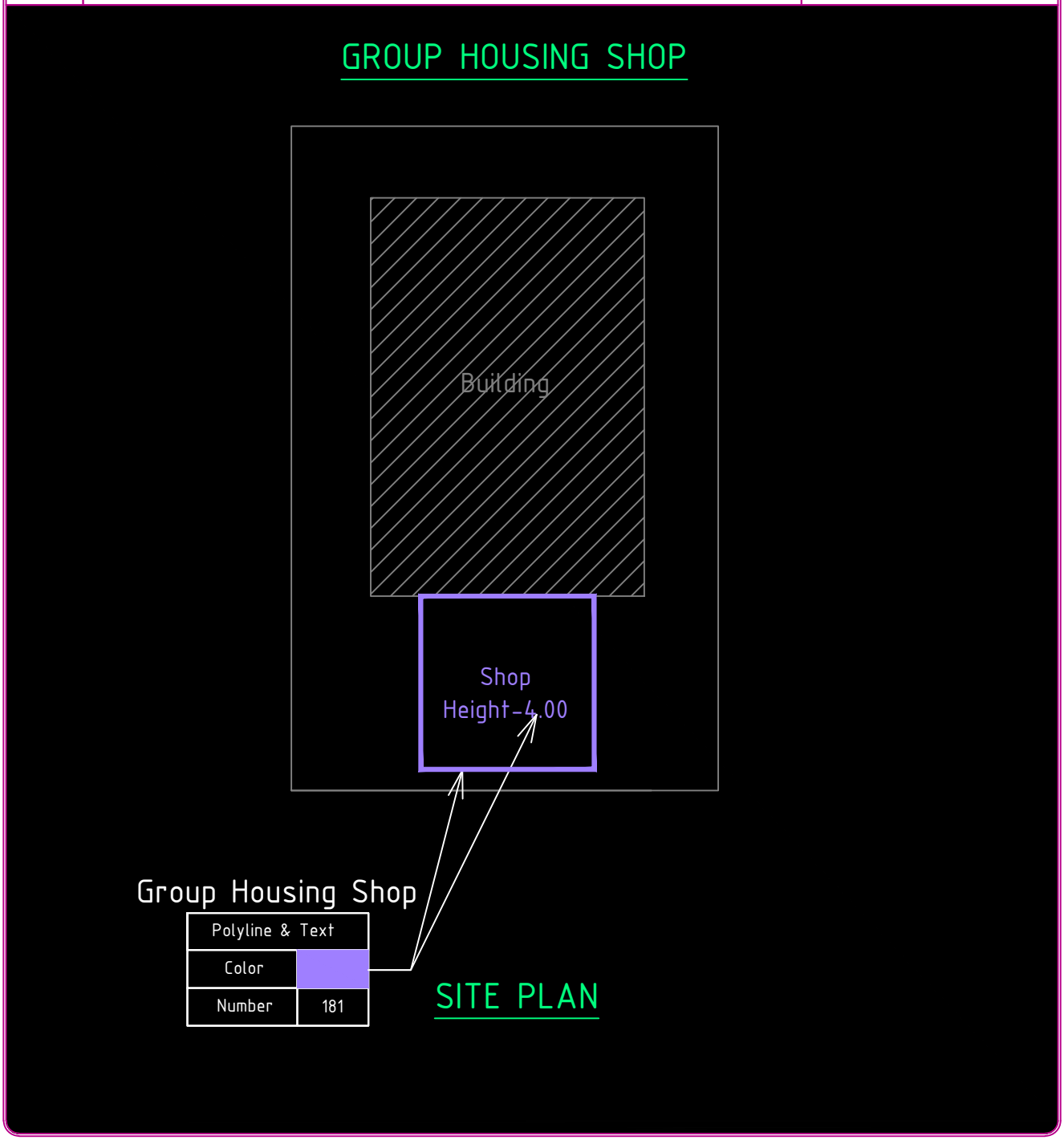
S.No	Description	Layer
50	Sewerage And Drainage lines Plot Width of Site Shall be drawn as Open Polyline in Color No 123.	FLOOR-GROUND or FLOOR-STILT 0



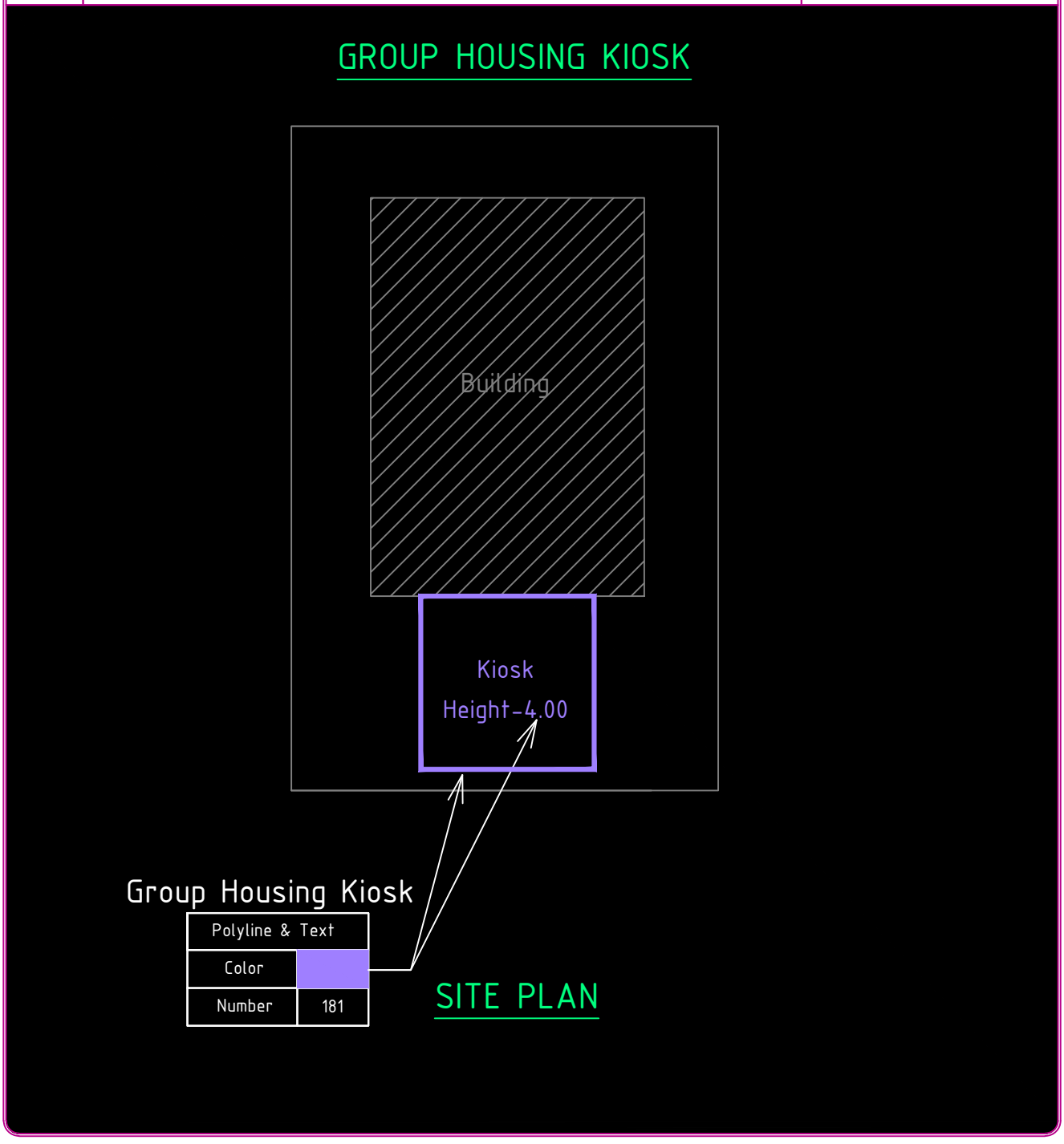
S.No	Description	Layer
51	Water Supply lines Plot Width of Site Shall be drawn as Open Polyline in Color No 126.	FLOOR-GROUND or FLOOR-STILT



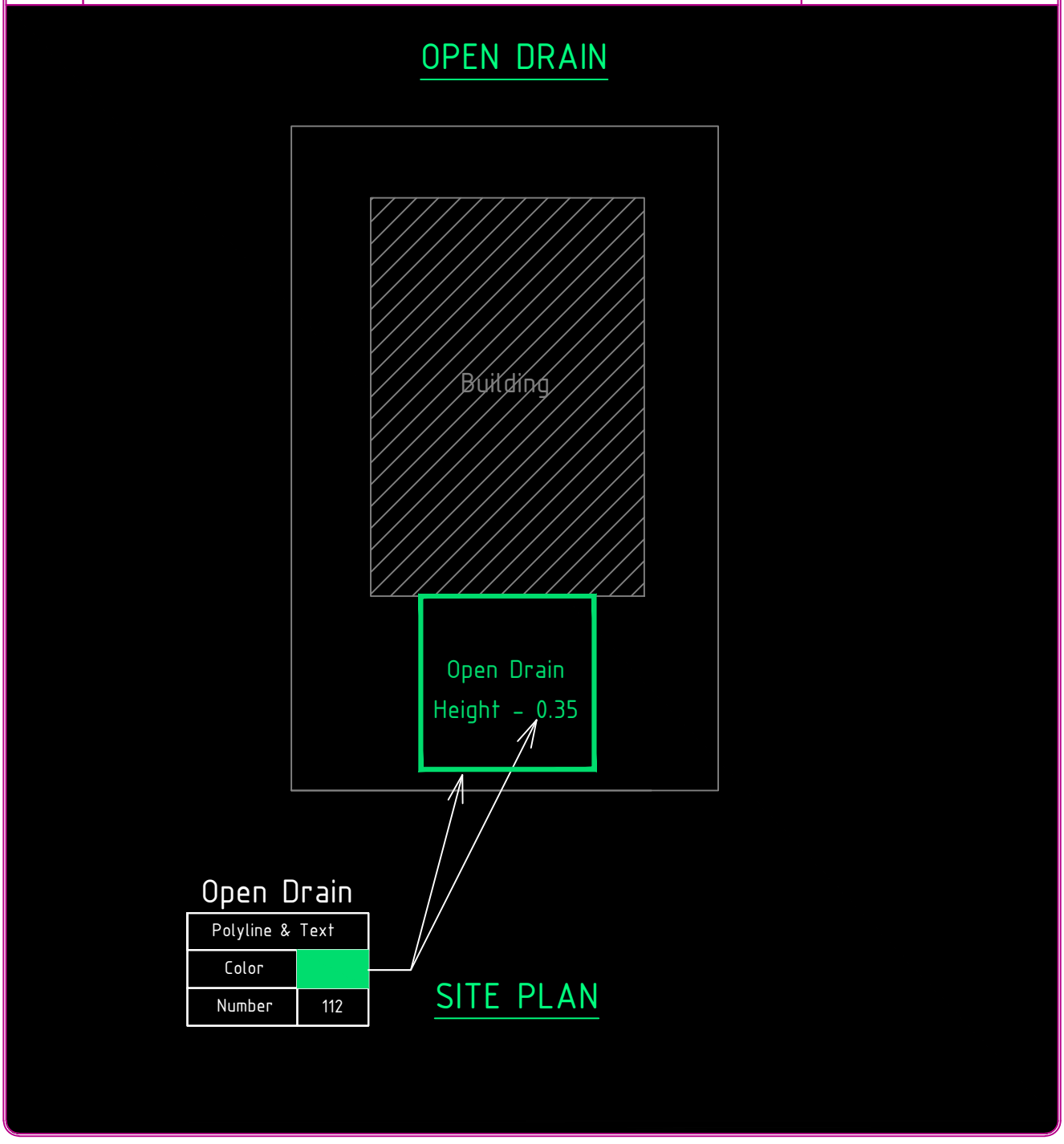
S.No	Description	Layer
52	Group Housing Shop shall be drawn as Polyline in Color No. 181 and text shall be kept in the same Color and need to be drawn inside Plot Boundary. Height of the Watch Tower shall be placed inside the Color 181 Polyline as shown below in the same color.	FLOOR-GROUND or FLOOR-STILT



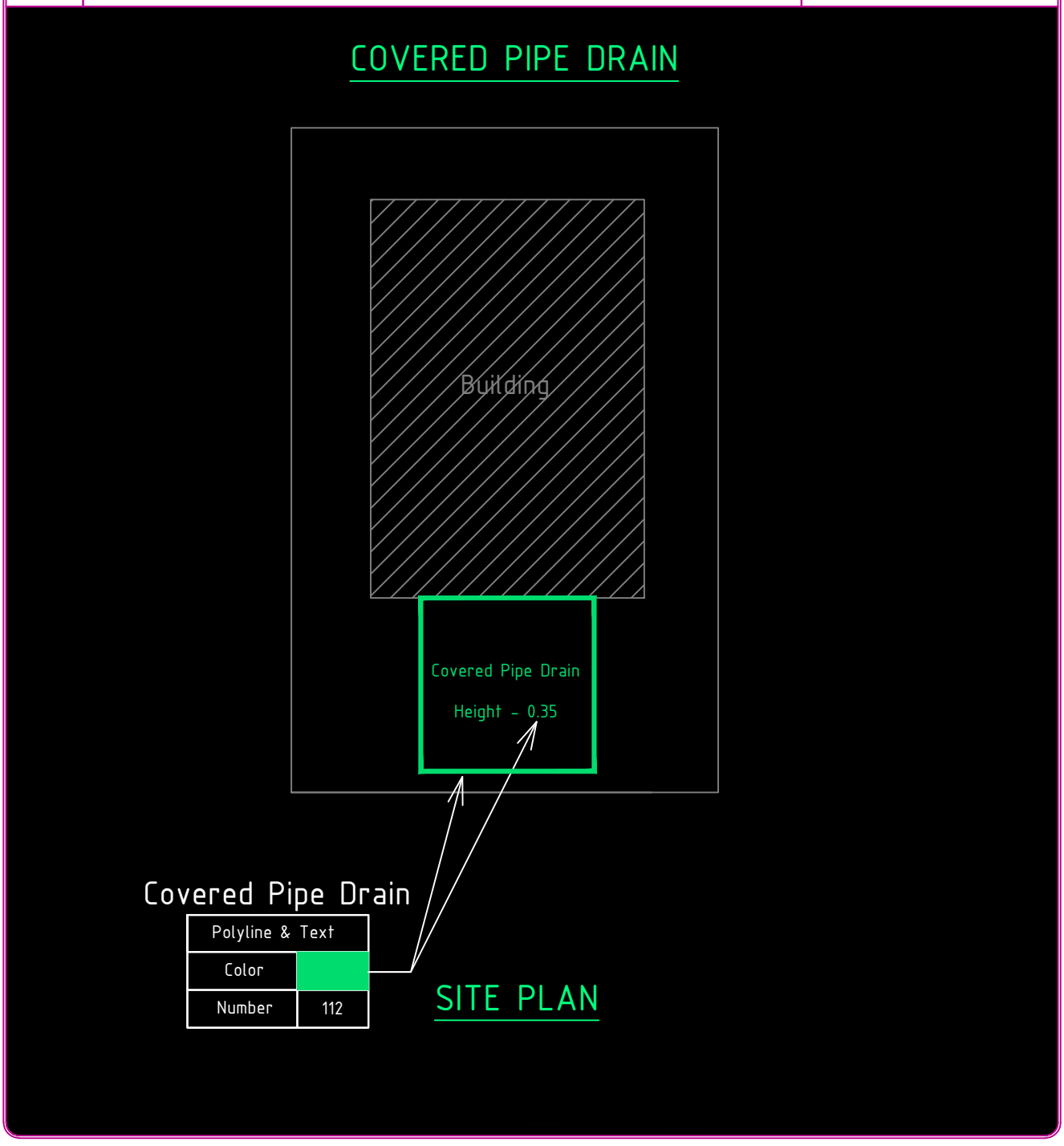
S.No	Description	Layer
53	Group Housing Kiosk shall be drawn as Polyline in Color No. 181 and text shall be kept in the same Color and need to be drawn inside Plot Boundary. Height of the Watch Tower shall be placed inside the Color 181 Polyline as shown below in the same color.	FLOOR-GROUND or FLOOR-STILT



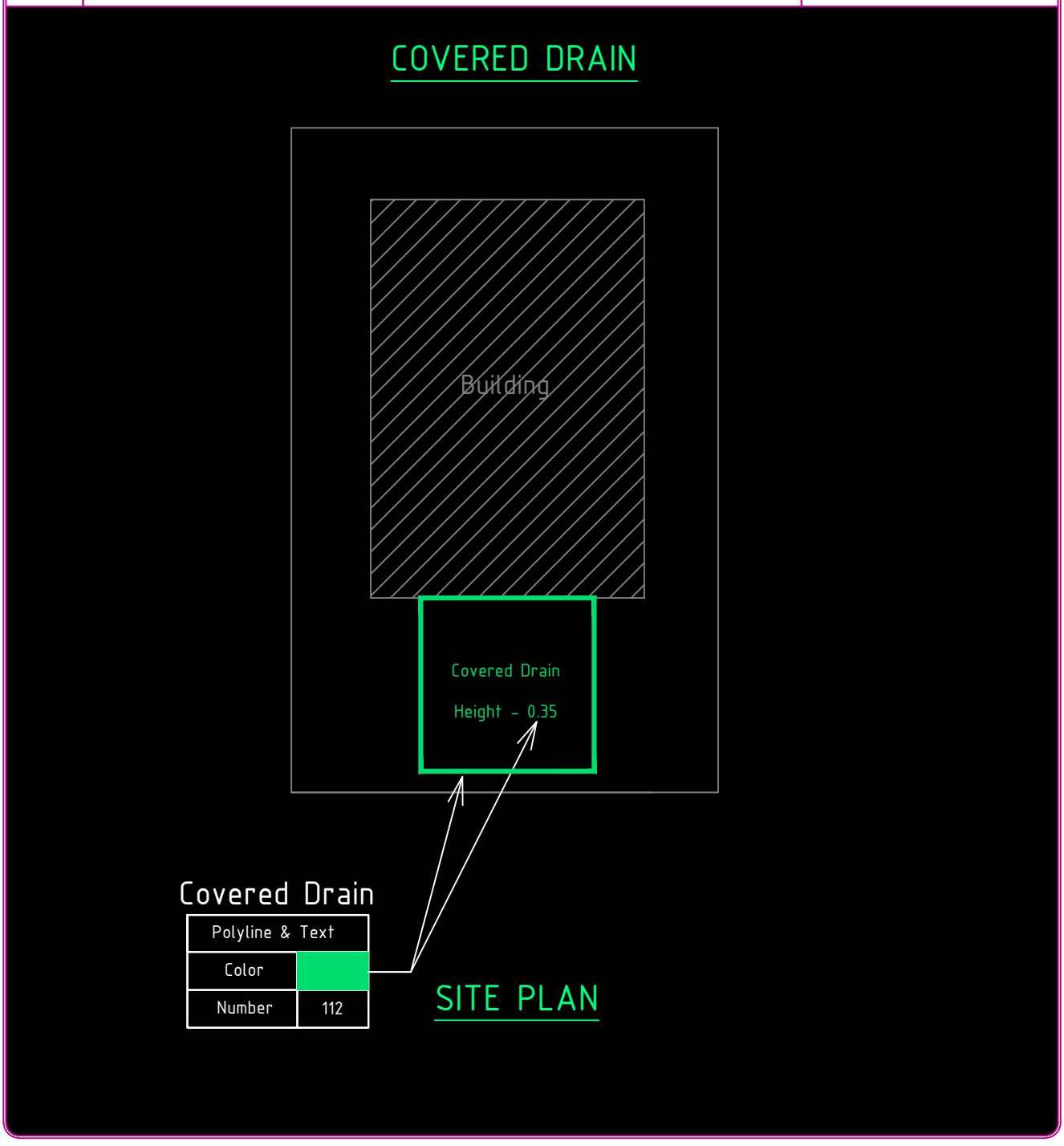
S.No	Description	Layer
54	Open Drain shall be drawn as Polyline in Color No. 112 and text shall be kept in the same Color and need to be drawn inside Plot Boundary. Height of the Watch Tower shall be placed inside the Color 112 Polyline as shown below in the same color.	FLOOR-GROUND or FLOOR-STILT



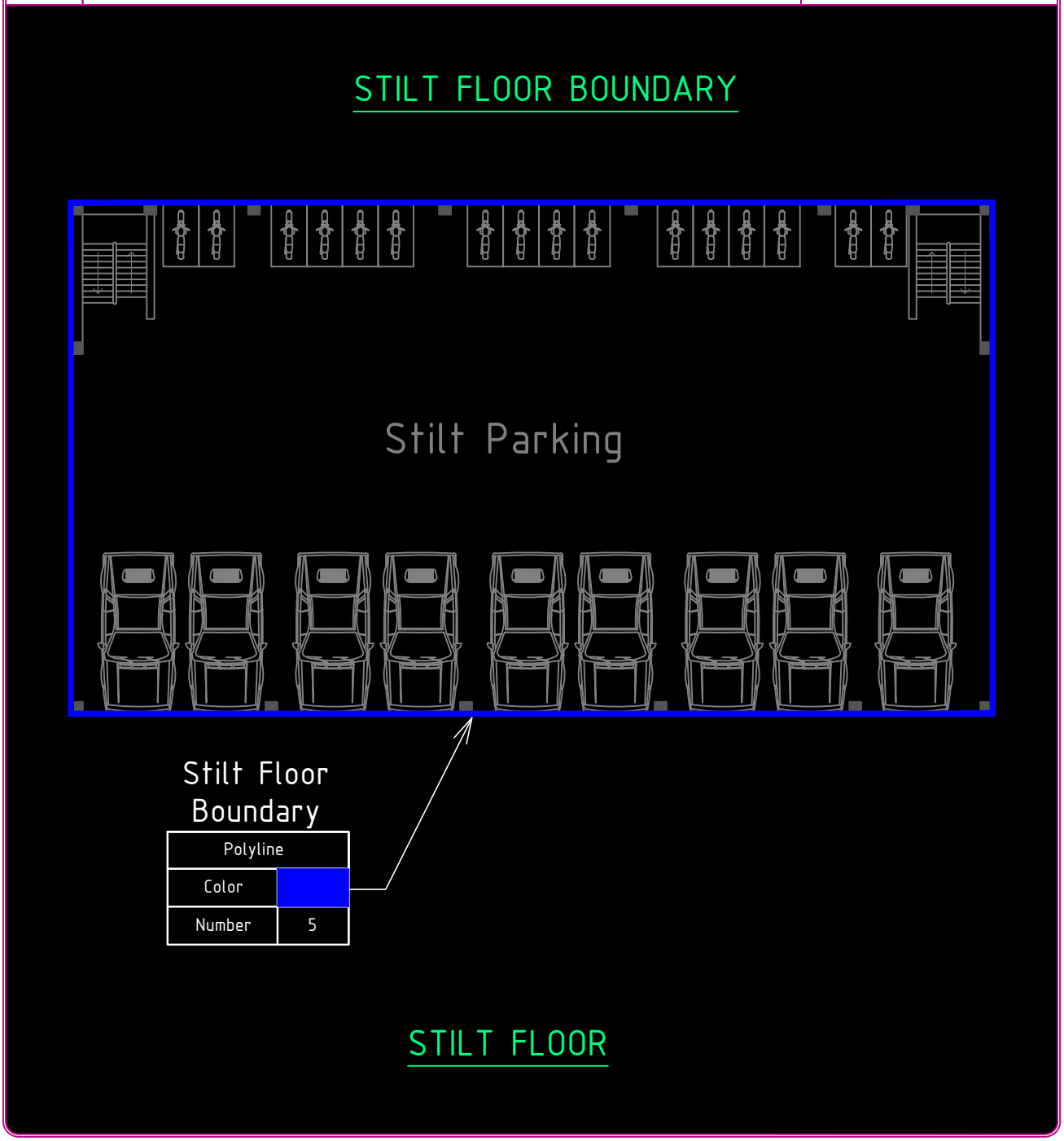
S.No	Description	Layer
55	Covered Pipe Drain shall be drawn as Polyline in Color No. 112 and text shall be kept in the same Color and need to be drawn inside Plot Boundary. Height of the Watch Tower shall be placed inside the Color 112 Polyline as shown below in the same color.	FLOOR-GROUND or FLOOR-STILT



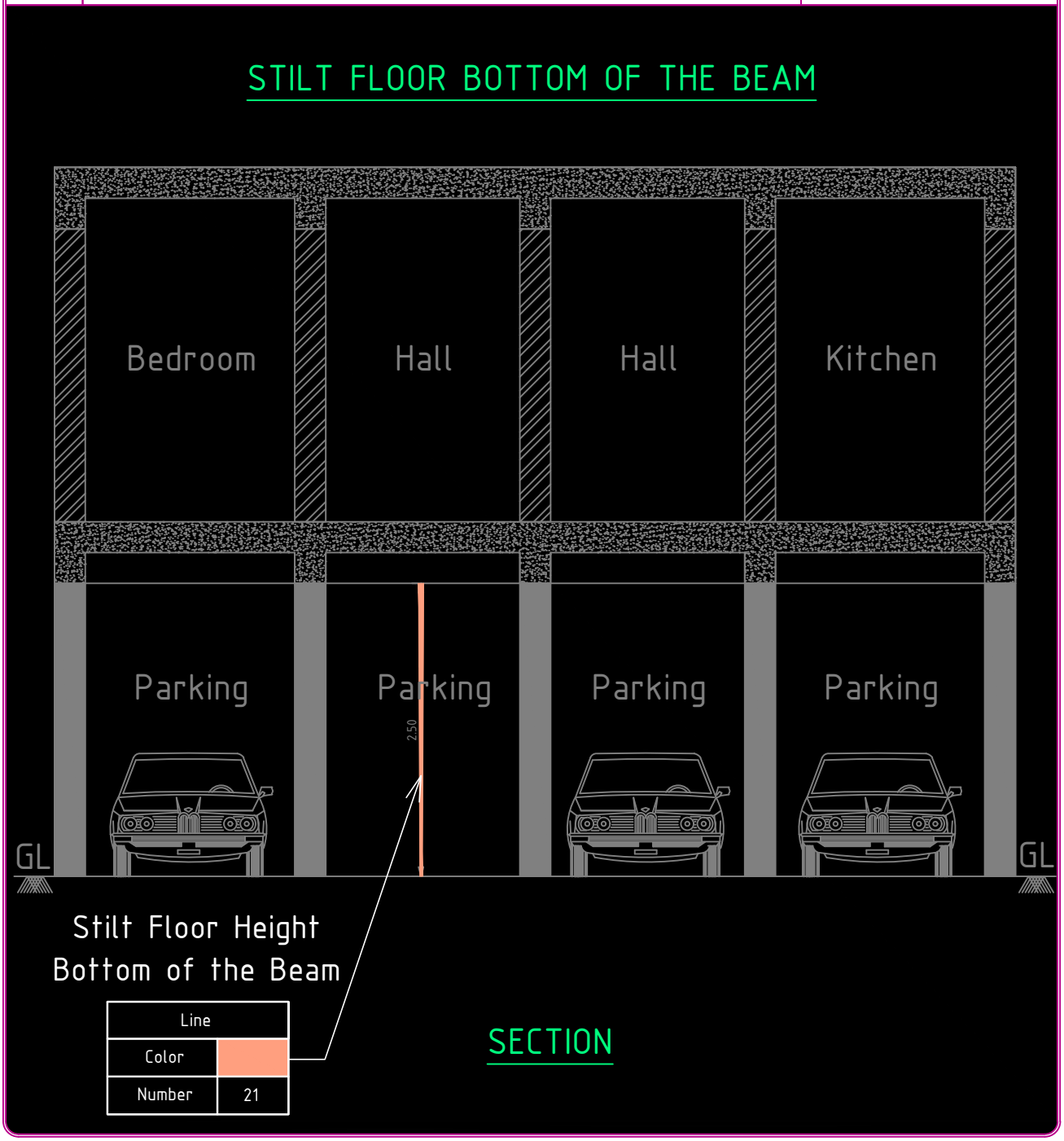
S.No	Description	Layer
56	Covered Drainshall be drawn as Polyline in Color No. 112 and text shall be kept in the same Color and need to be drawn inside Plot Boundary. Height of the Watch Tower shall be placed inside the Color 112 Polyline as shown below in the same color.	FLOOR-GROUND or FLOOR-STILT



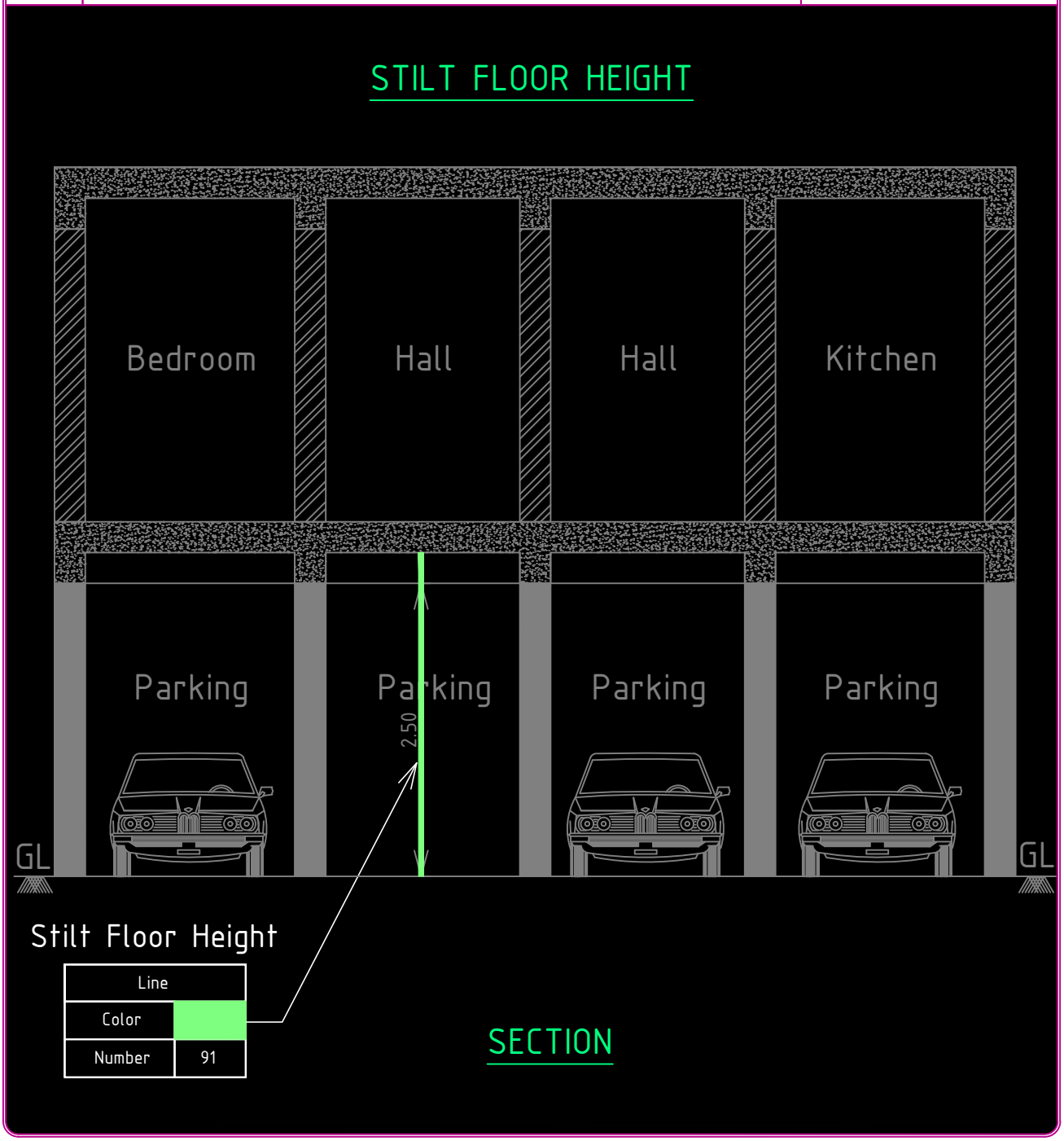
S.No	Description	Layer
57	Stilt Floor Boundary shall be drawn as Polyline in Color No. 5.	FLOOR-STILT



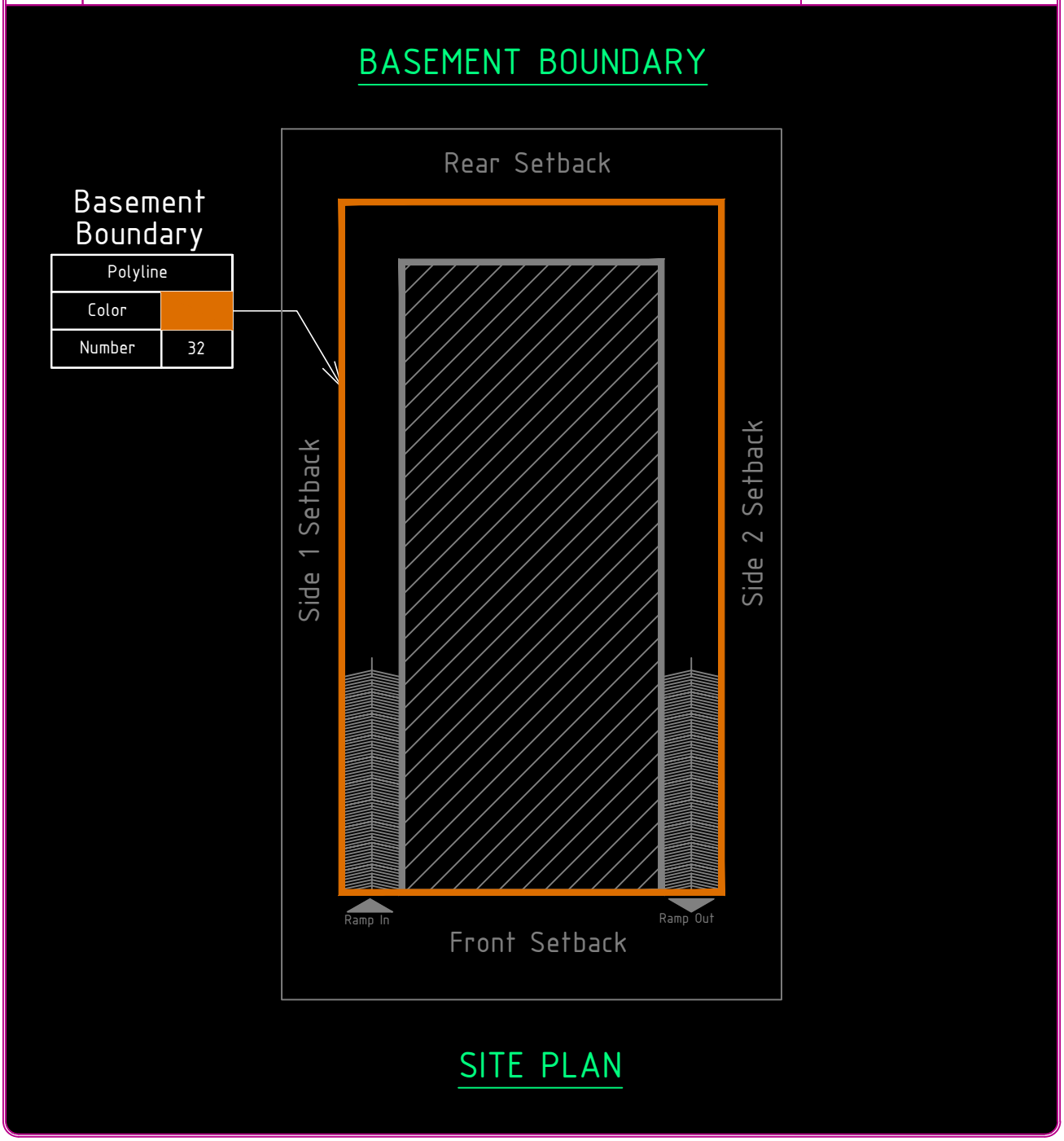
S.No	Description	Layer
58	Stilt Floor height taken from the bottom of the stilt floor to the bottom of the roof beam. It shall be drawn as line in Color No. 21.	FLOOR-STILT



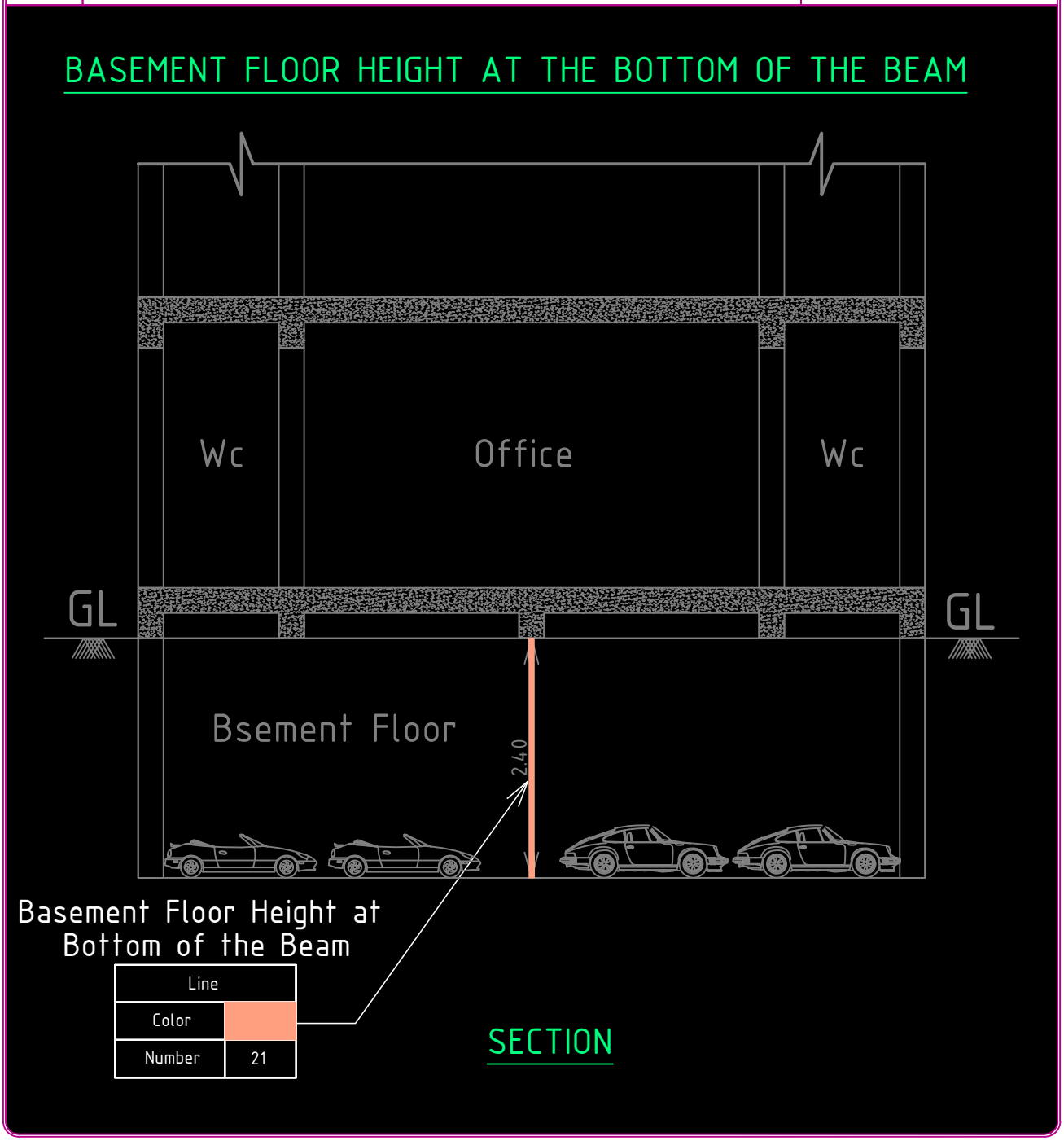
S.No	Description	Layer
59	Stilt Floor Height shall be drawn as line in Color No. 91.	FLOOR-STILT



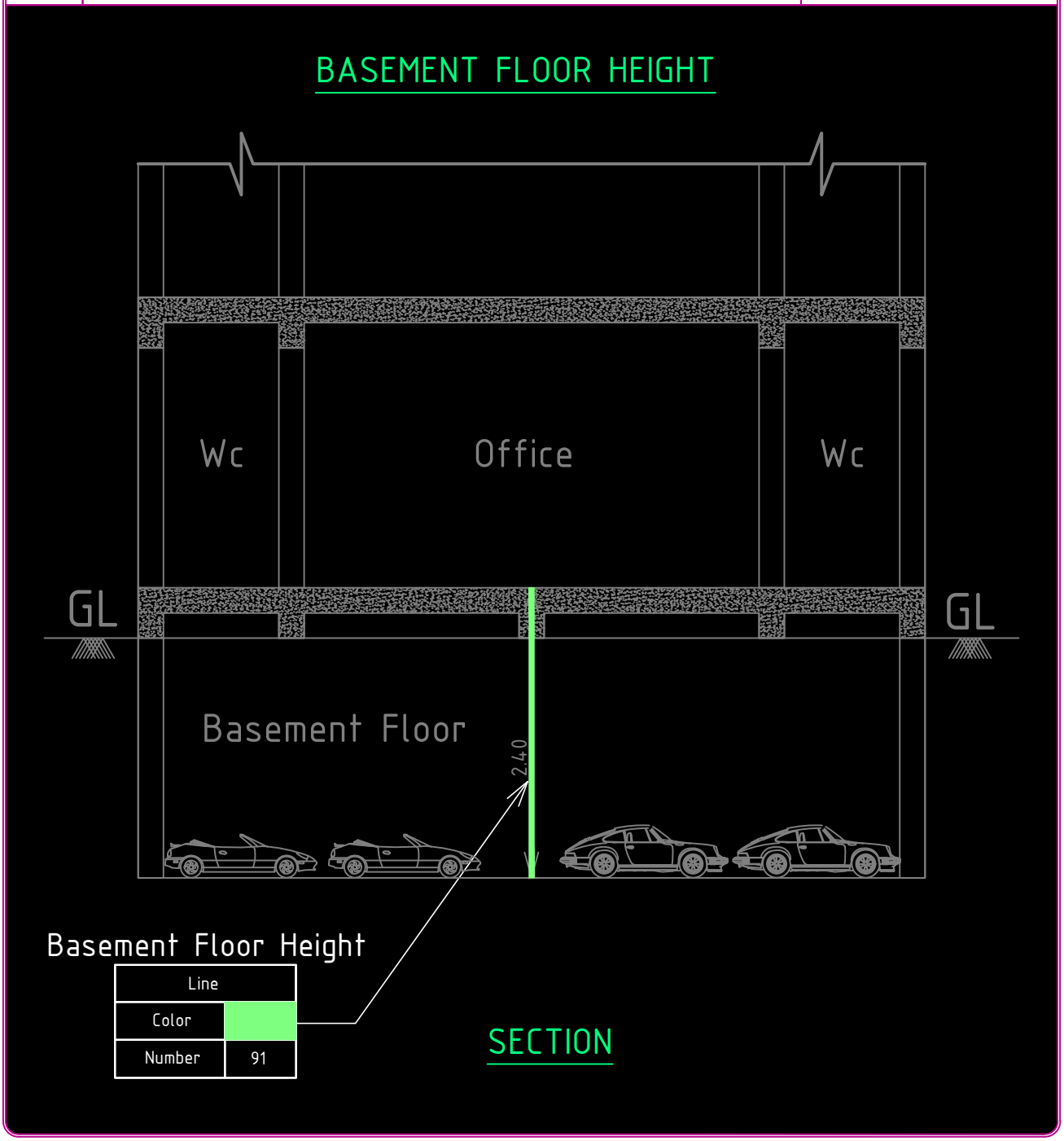
S.No	Description	Layer
60	Basement Boundary shall be drawn as Polyline in Color No. 32. Note: It should be kept only in the Site Plan.	FLOOR-BF1 or FLOOR-BF2



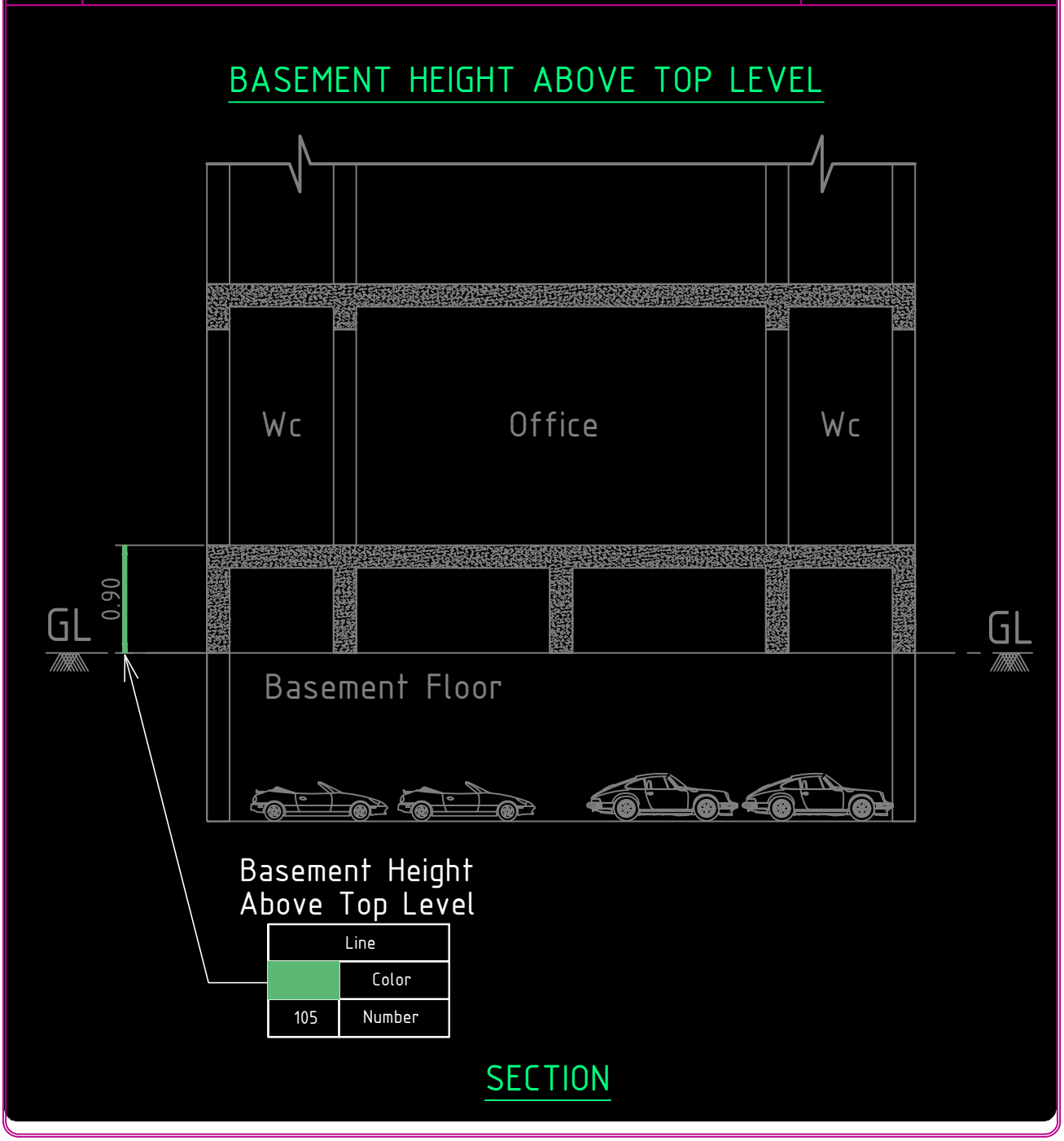
S.No	Description	Layer
61	Basement Floor Height at the Bottom of the beam shall be drawn as line in Color No. 21.	FLOOR-BF1 or FLOOR-BF2



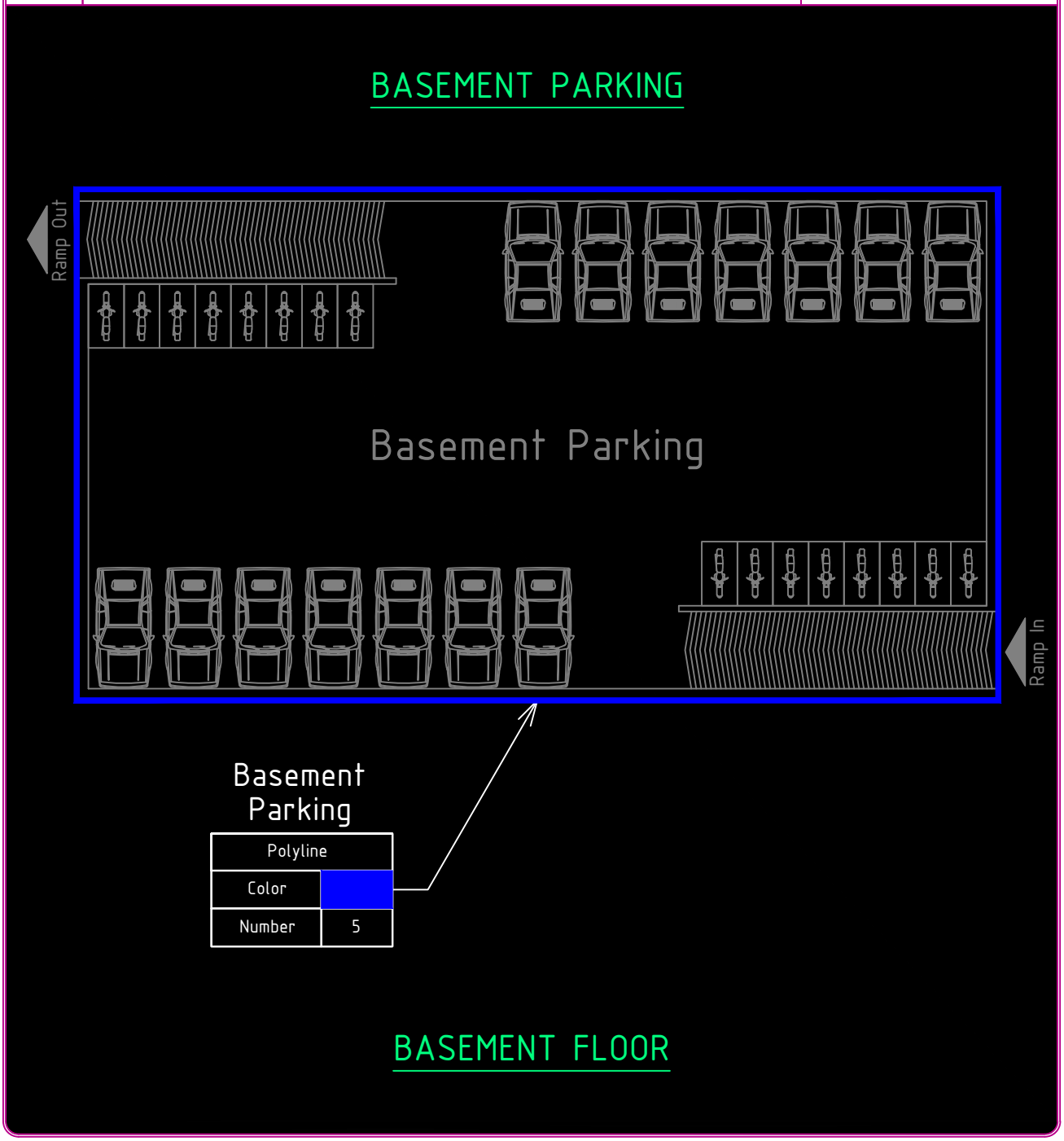
S.No	Description	Layer
62	Basement Floor height shall be drawn as line in Color No. 91.	FLOOR-BF1 or FLOOR-BF2



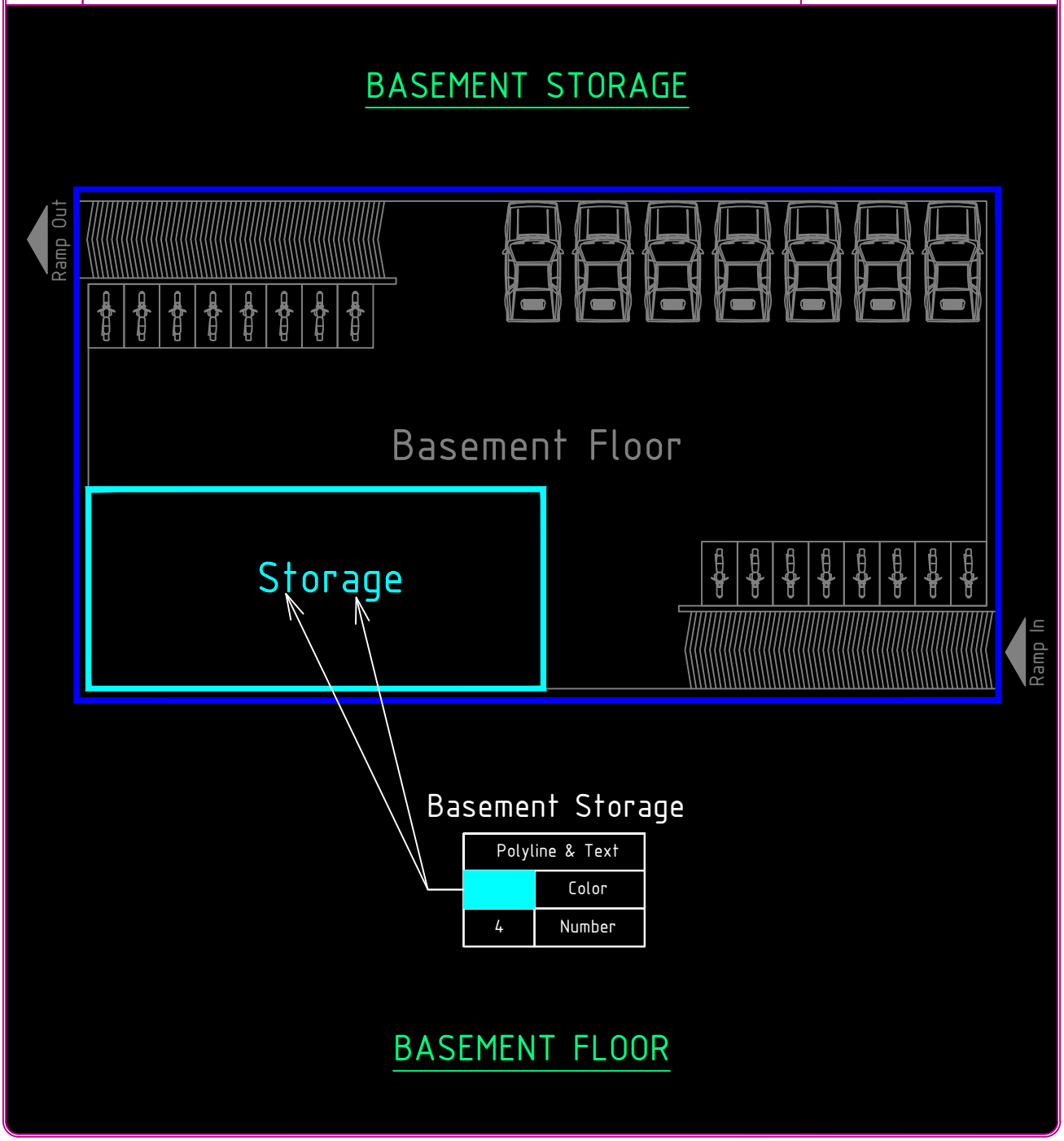
S.No	Description	Layer
63	Basement height Above top Level shall be drawn as line in Color No. 105.	FLOOR-BF1 or FLOOR-BF2



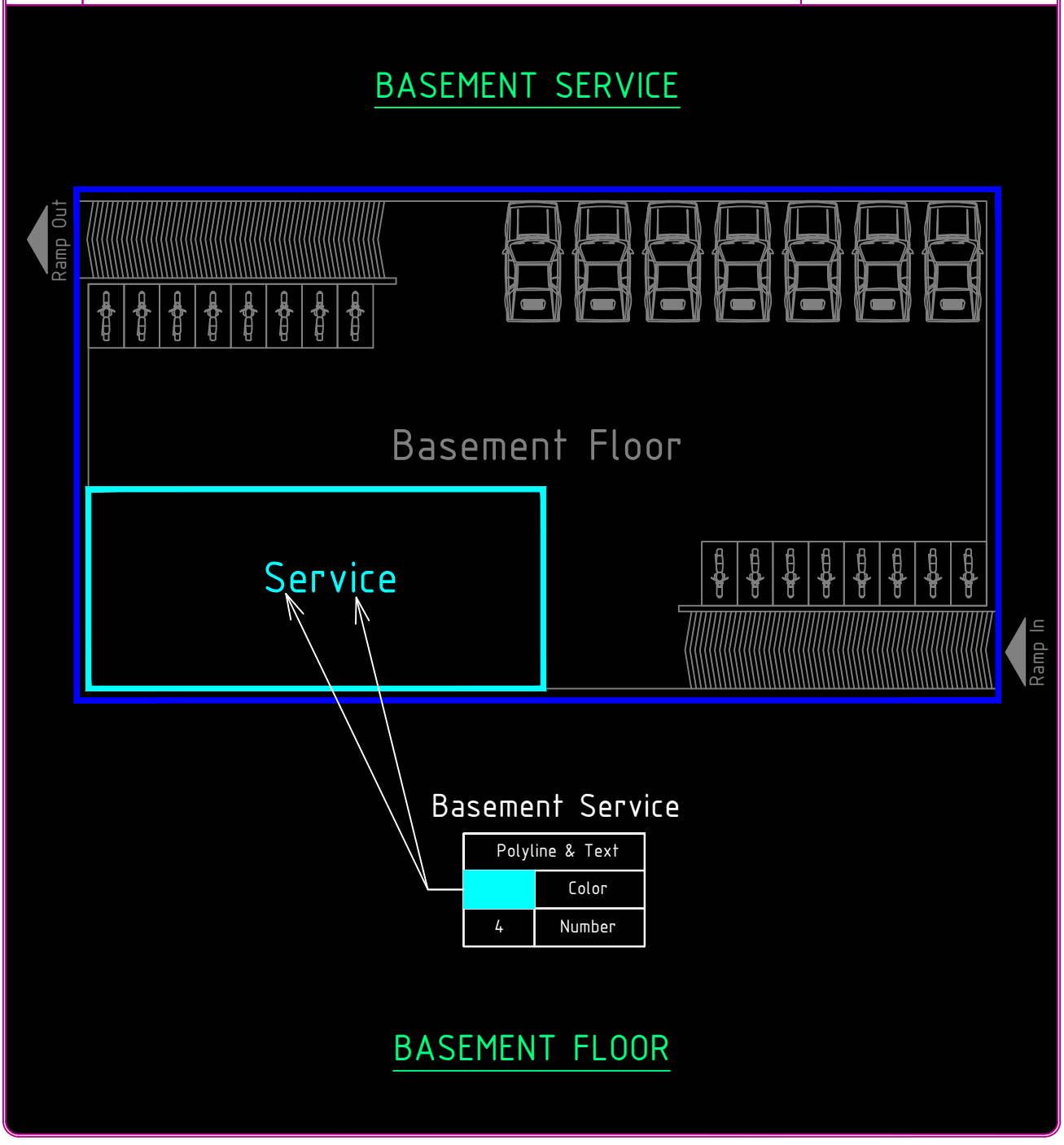
S.No	Description	Layer
64	Basement Parking area shall be drawn as Polyline in Color No. 5.	FLOOR-BF1 or FLOOR-BF2



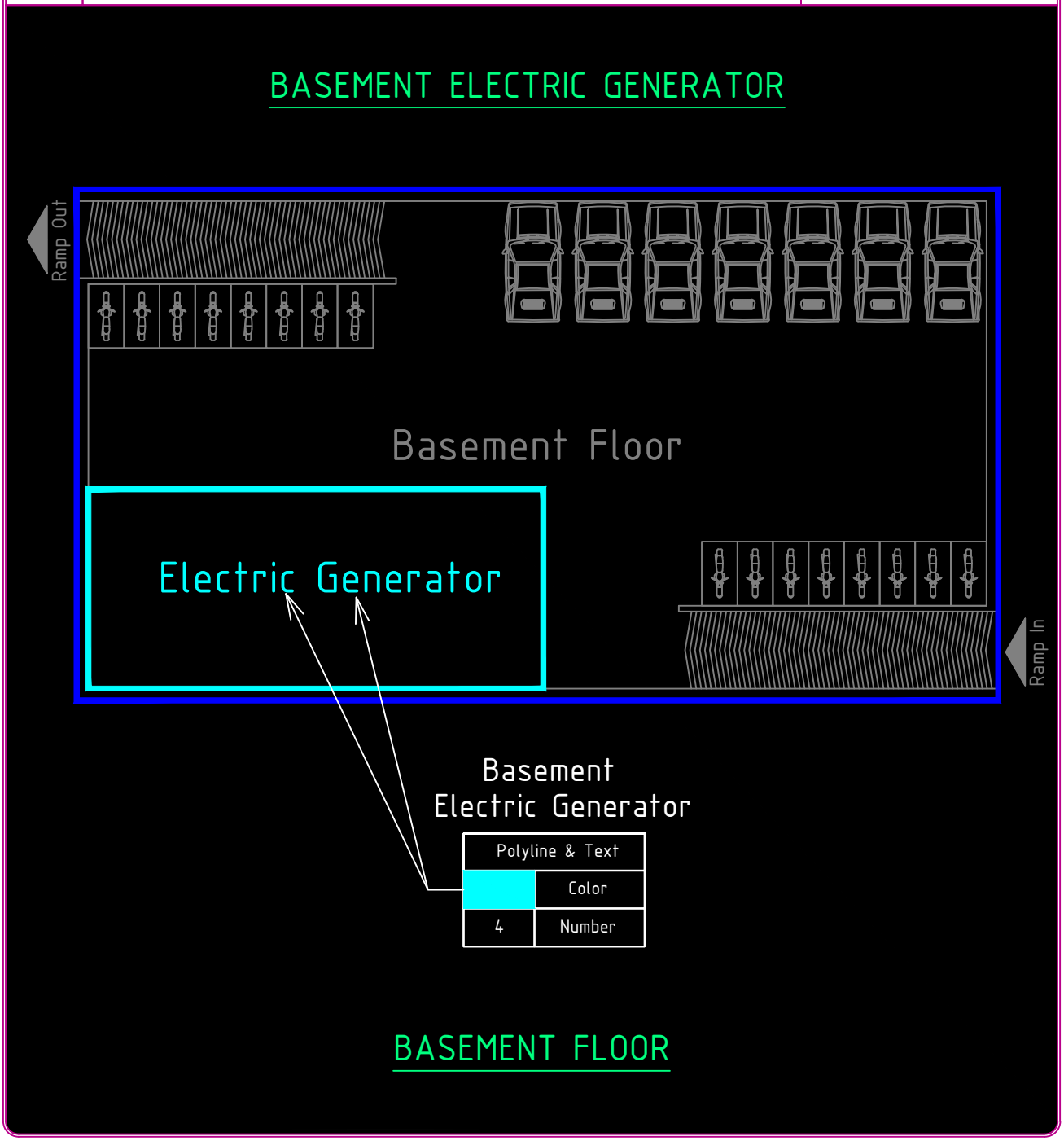
S.No	Description	Layer
65	Basement Storage shall be drawn as Polyline in Color No. 4 and text shall be placed inside the Polyline in the same Color.	FLOOR-BF1 or FLOOR-BF2



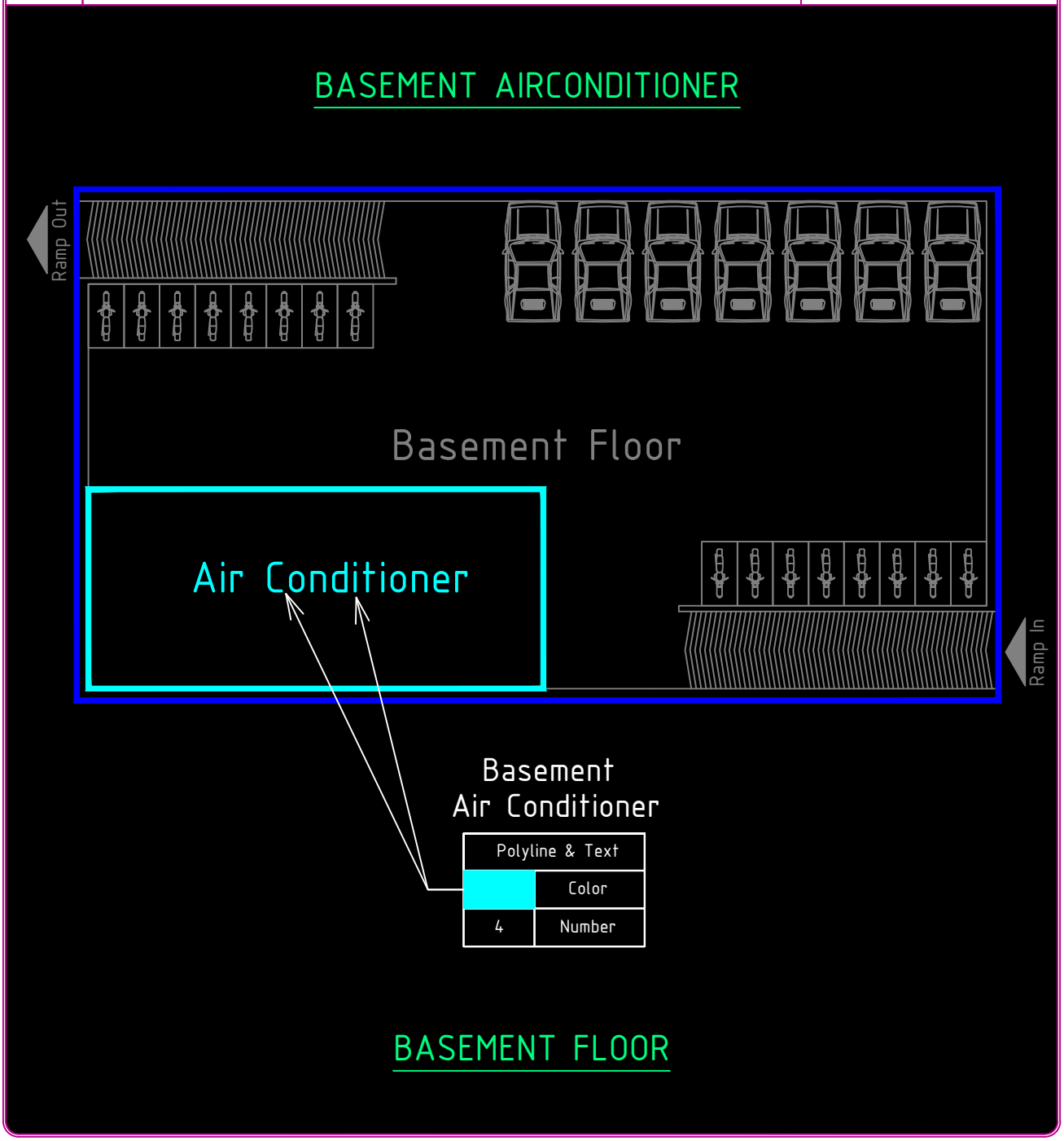
S.No	Description	Layer
66	Basement Service shall be drawn as Polyline in Color No. 4 and text shall be placed inside the Polyline in the same Color.	FLOOR-BF1 or FLOOR-BF2



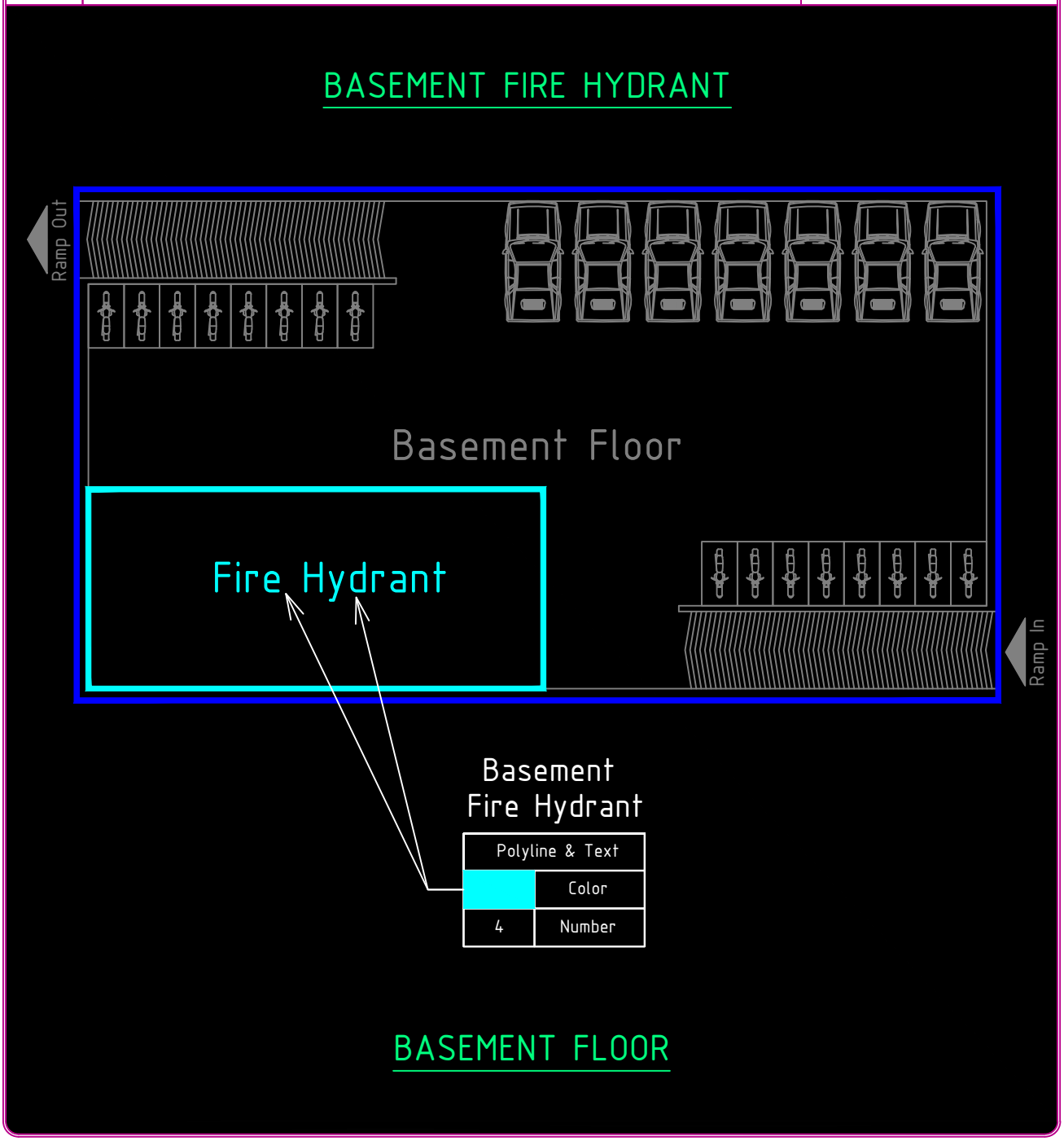
S.No	Description	Layer
67	Basement Electric Generator shall be drawn as Polyline in Color No. 4 and text shall be placed inside the Polyline in the same Color.	FLOOR-BF1 or FLOOR-BF2



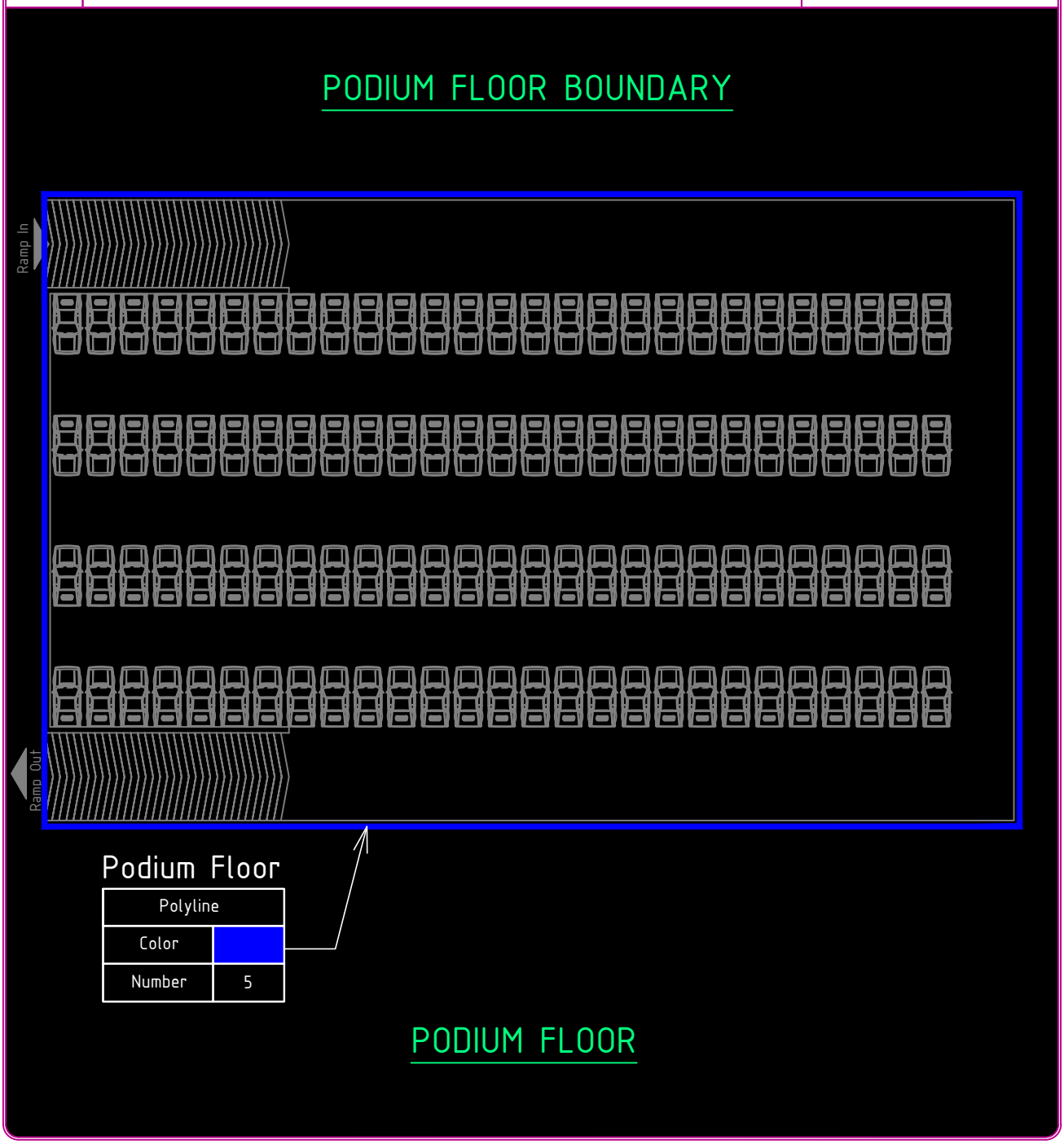
S.No	Description	Layer
68	Basement Air Conditioner shall be drawn as Polyline in Color No. 4 and text shall be placed inside the Polyline in the same Color.	FLOOR-BF1 or FLOOR-BF2



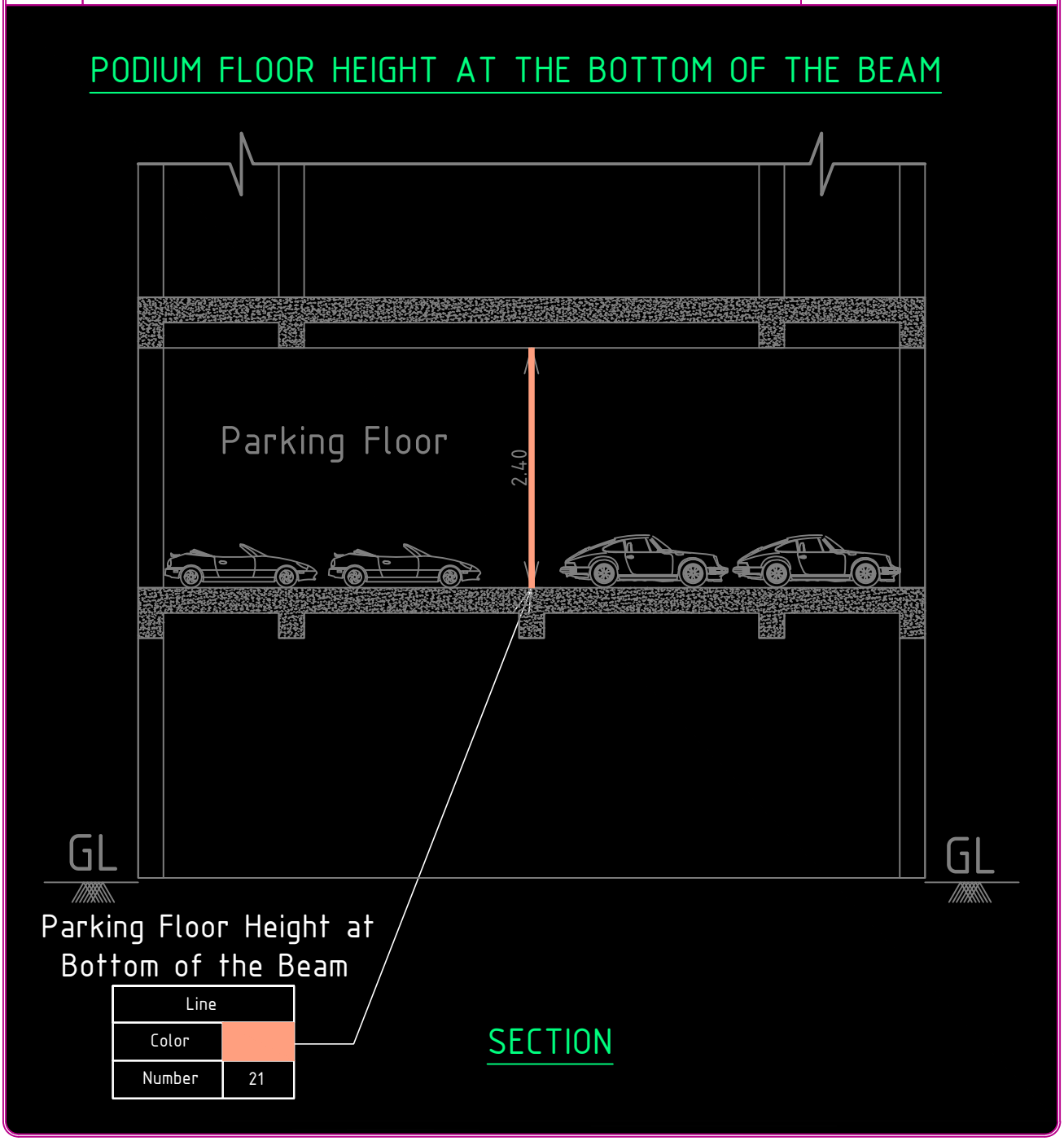
S.No	Description	Layer
69	Basement Fire Hydrant shall be drawn as Polyline in Color No. 4 and text shall be placed inside the Polyline in the same Color.	FLOOR-BF1 or FLOOR-BF2



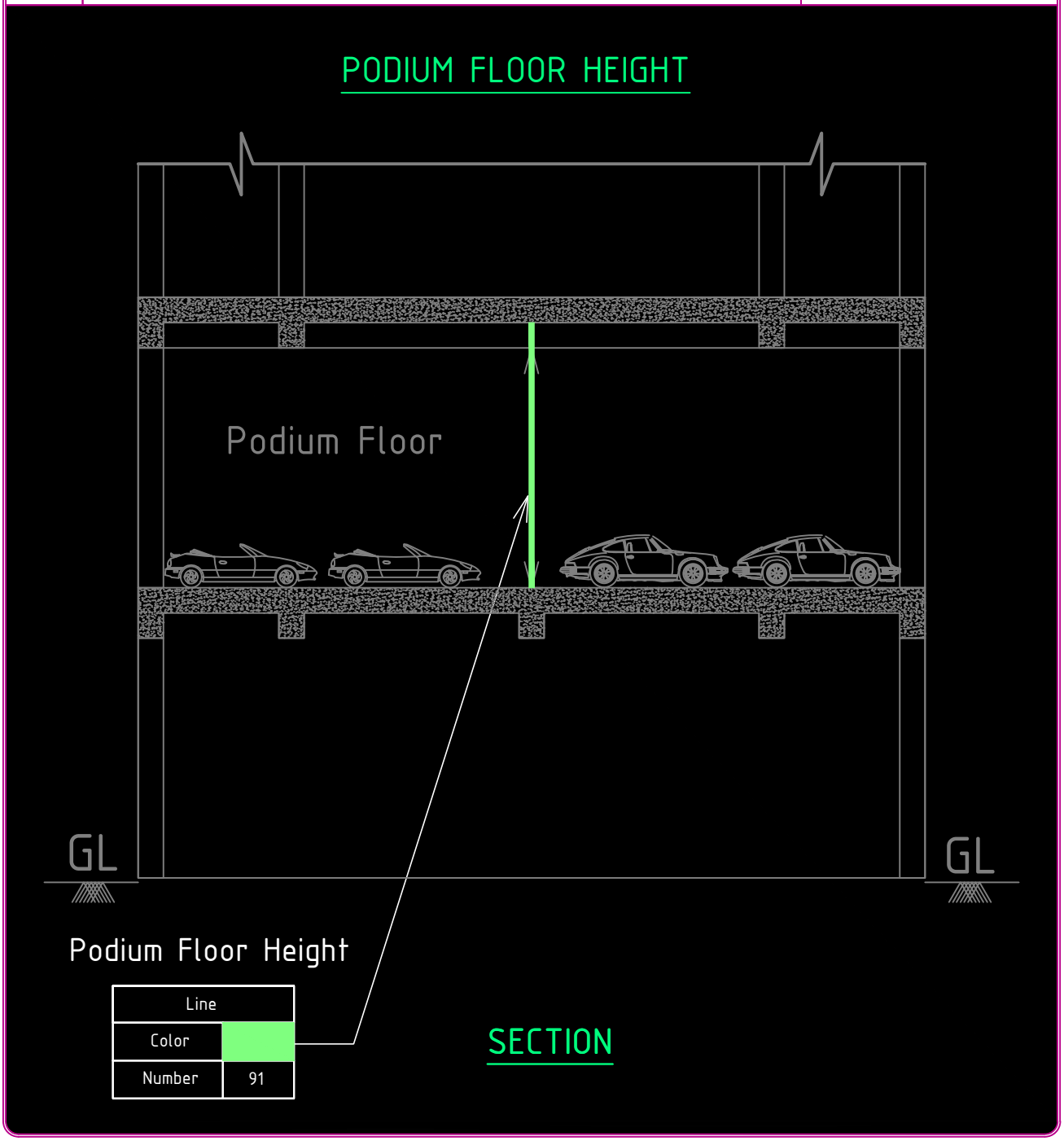
S.No	Description	Layer
70	Podium Floor boundary shall be drawn as Polyline in Color No. 5.	FLOOR-PODIUM



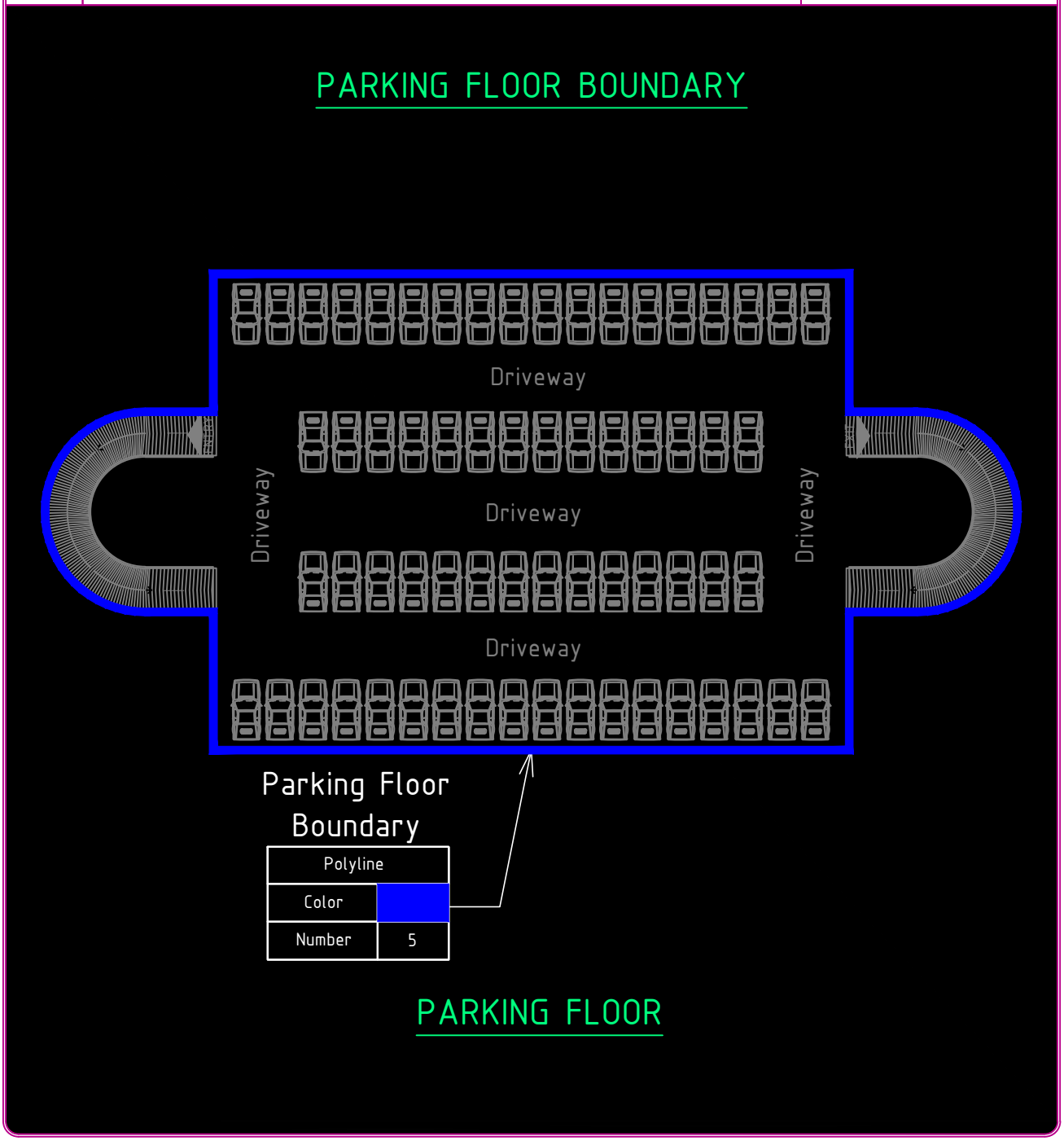
S.No	Description	Layer
71	Parking Floor Height at the Bottom of the beam shall be drawn as line in Color No. 21.	FLOOR-PODIUM



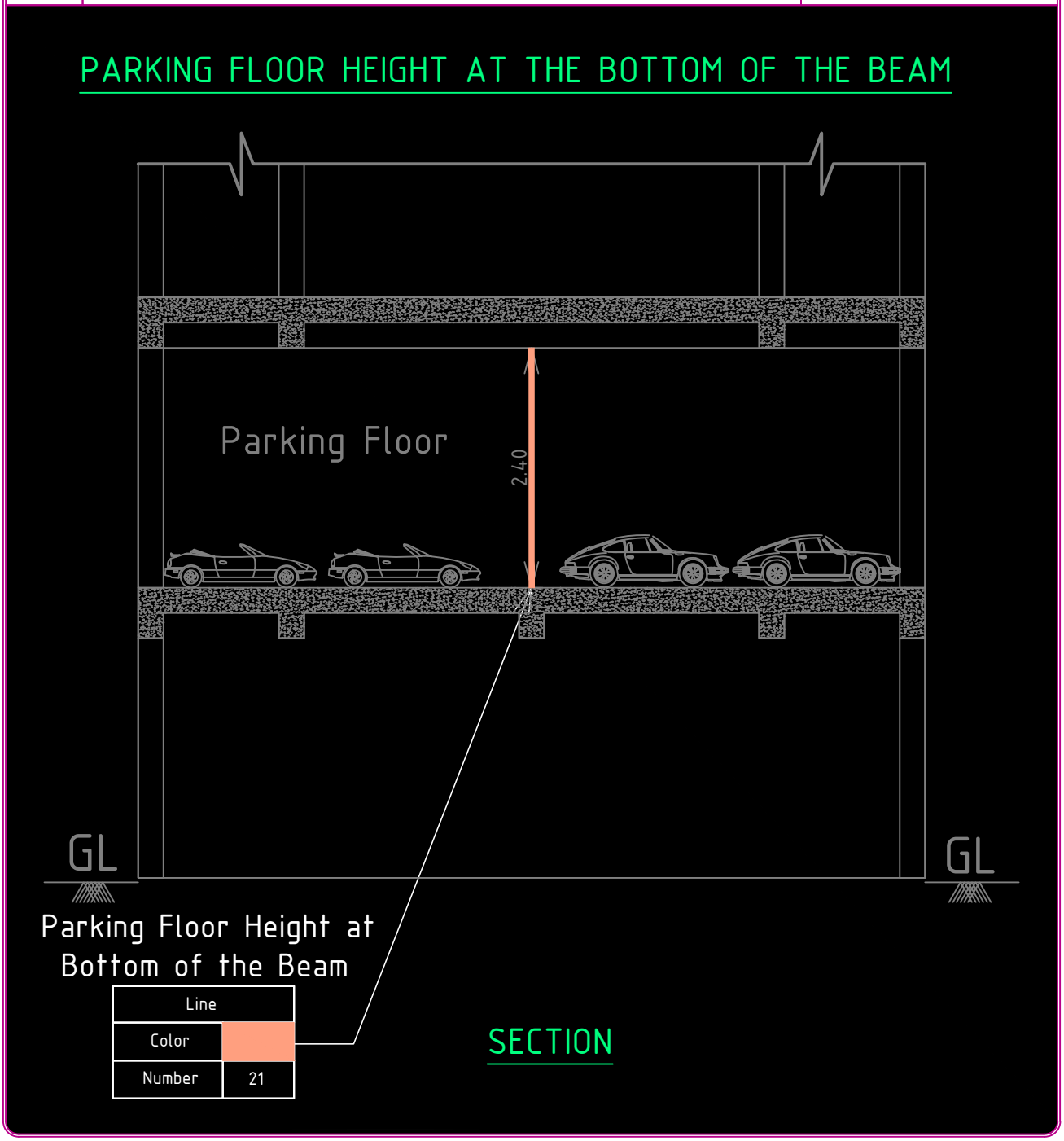
S.No	Description	Layer
72	Parking Floor height shall be drawn as line in Color No. 91.	FLOOR-PODIUM



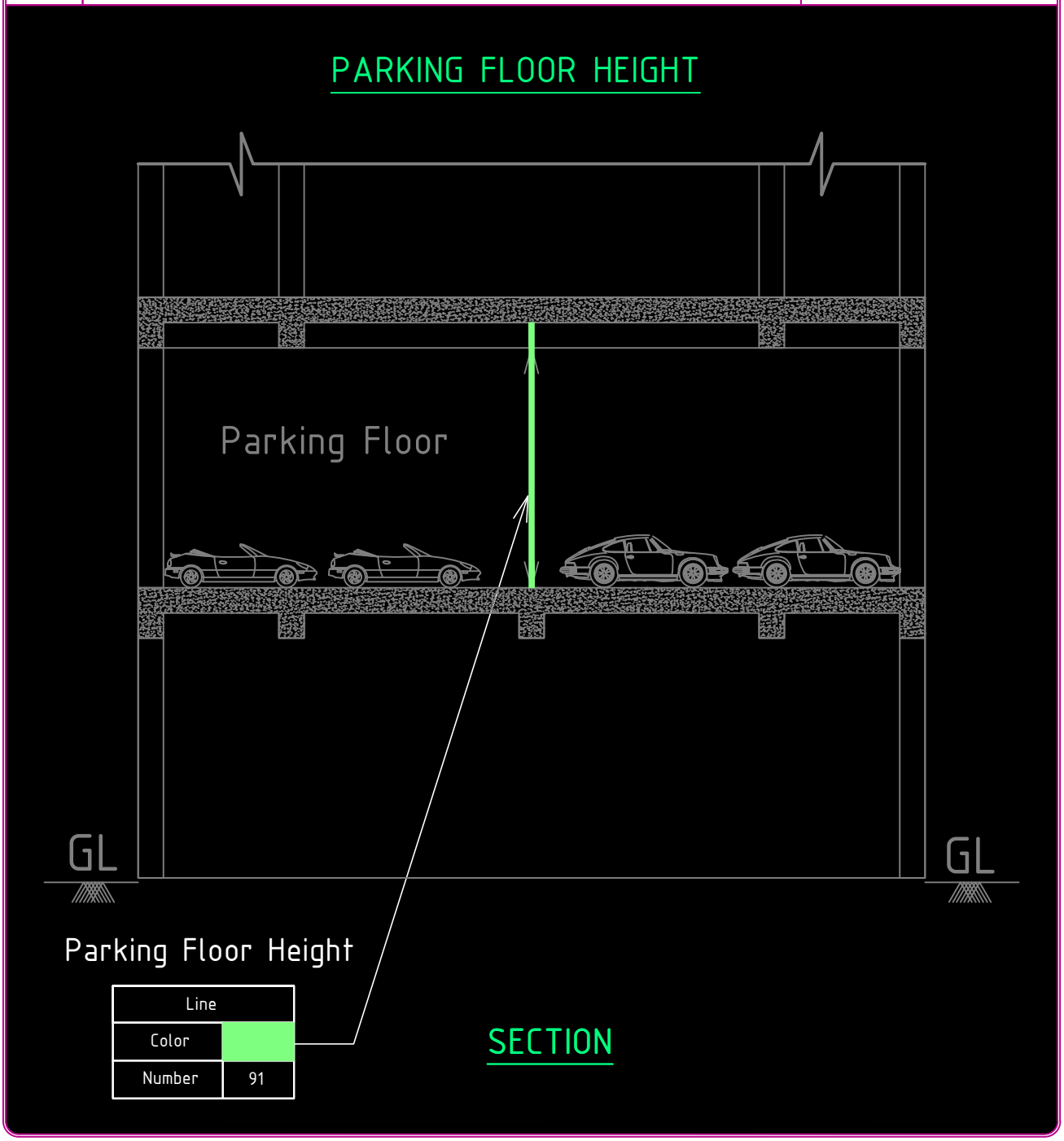
S.No	Description	Layer
73	Parking Floor Boundary shall be drawn as Polyline in Color No. 5. Note: Applicable for Parking Floor above Stilt Floor.	FLOOR-PARKING



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

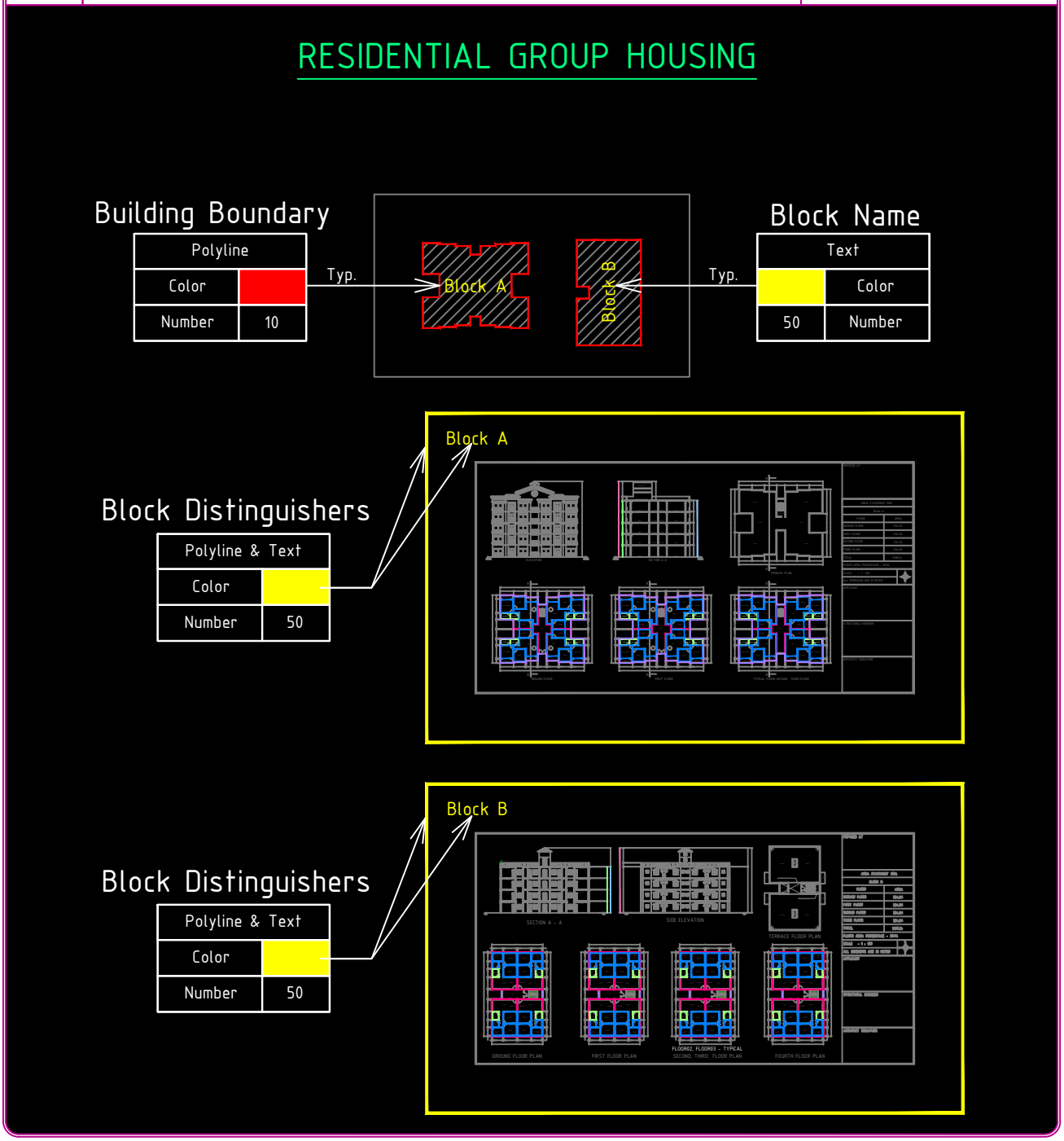


S.No	Description	Layer
75	Parking Floor height shall be drawn as line in Color No. 91.	FLOOR-PARKING

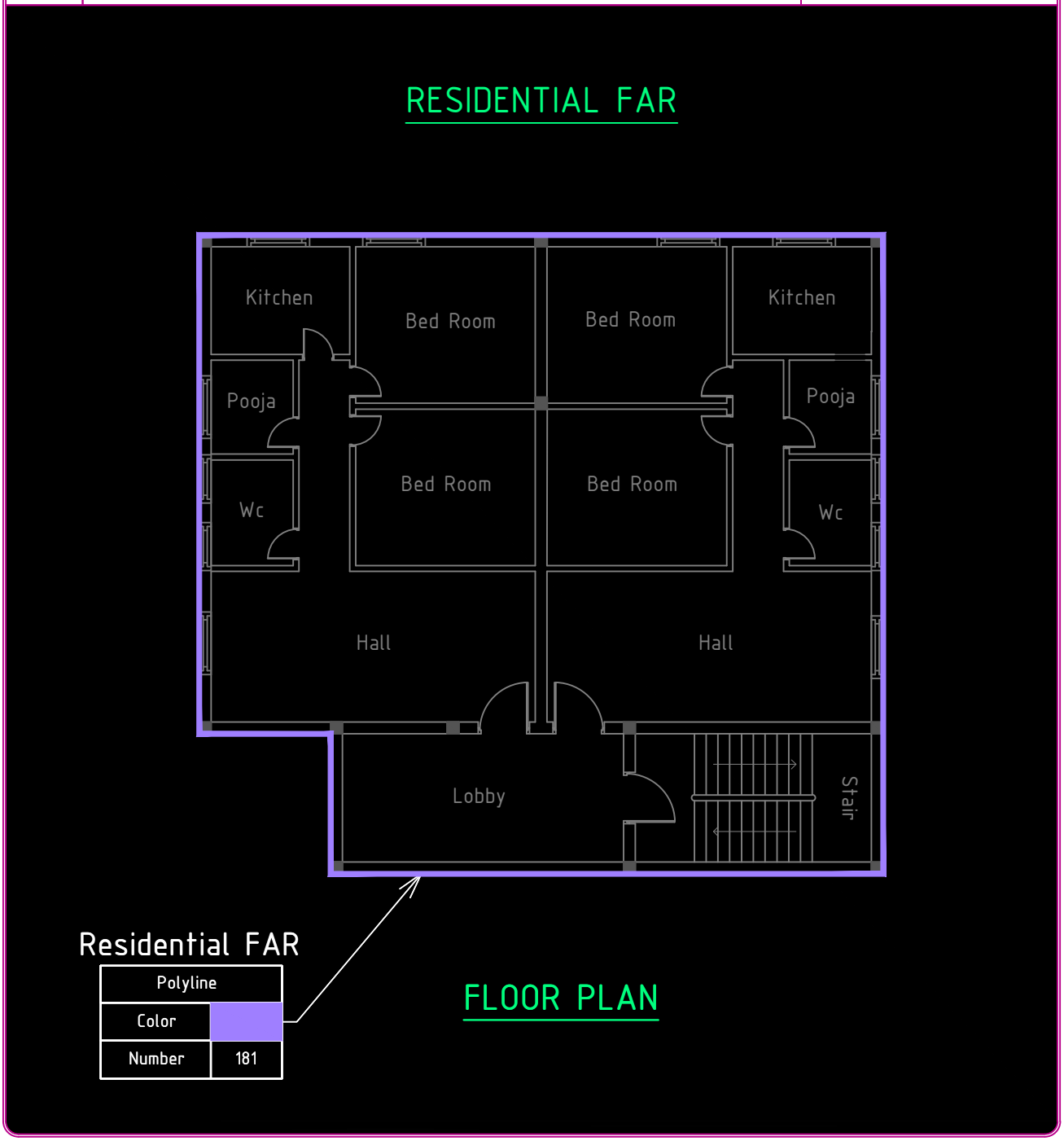


14.2 OBJECTS TO BE DRAWN IN APPLICABLE FLOOR LAYERS

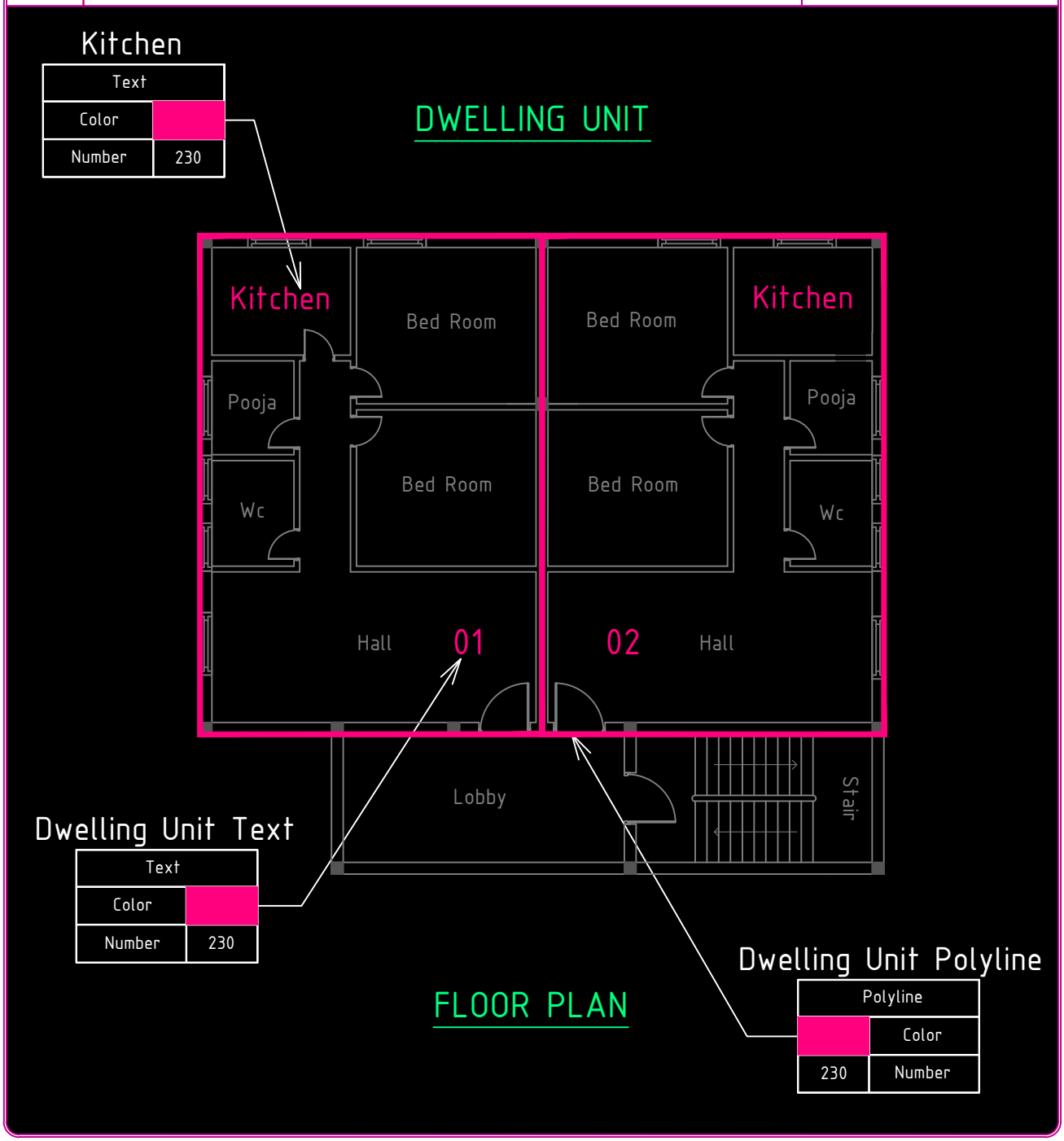
S.No	Description	Layer
1	Group Housing FAR shall be drawn as Polyline in Color No. 181.	Applicable Floor Layer



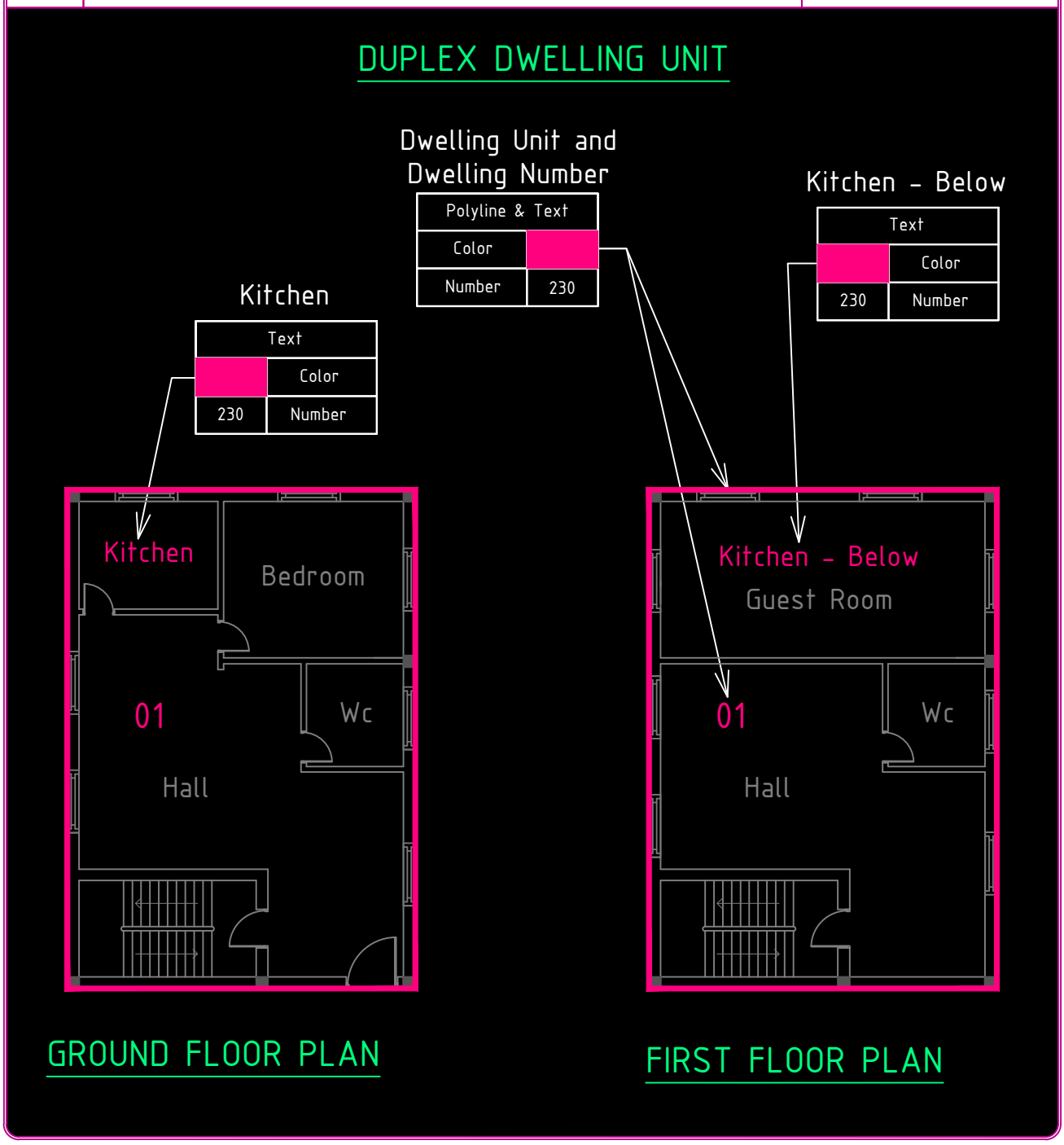
S.No	Description	Layer
2	Residential FAR shall be drawn as Polyline in Color No. 181.	Applicable Floor Layer



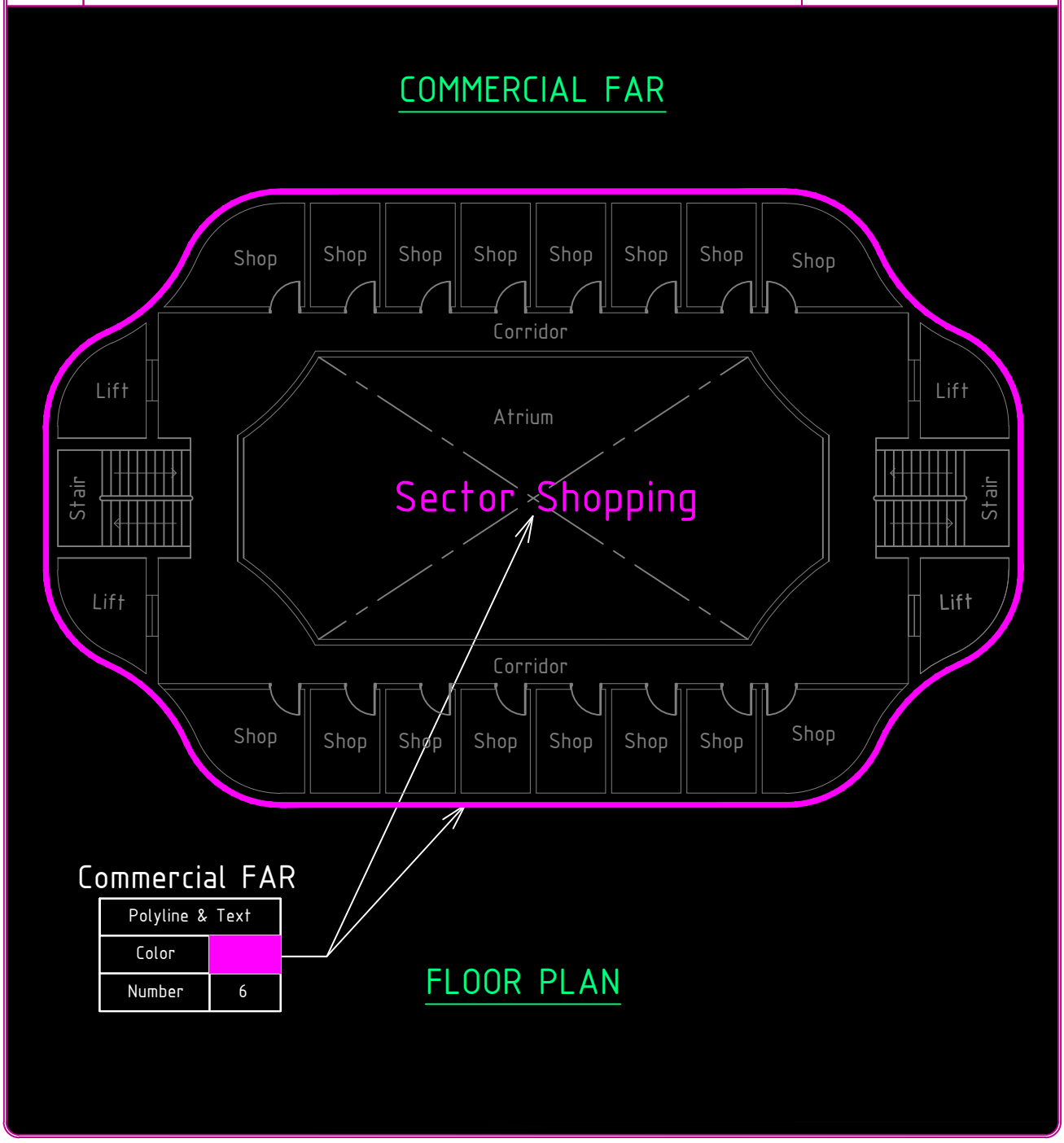
S.No	Description	Layer
3	Each and every Dwelling unit shall be drawn as Polyline in Color No. 230 and Kitchen text with Dwelling unit text shall be kept inside the Color 230 Polyline. Note: If drawing contains more than one floor, dwelling unit number should be same in all the floors and it will be considered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



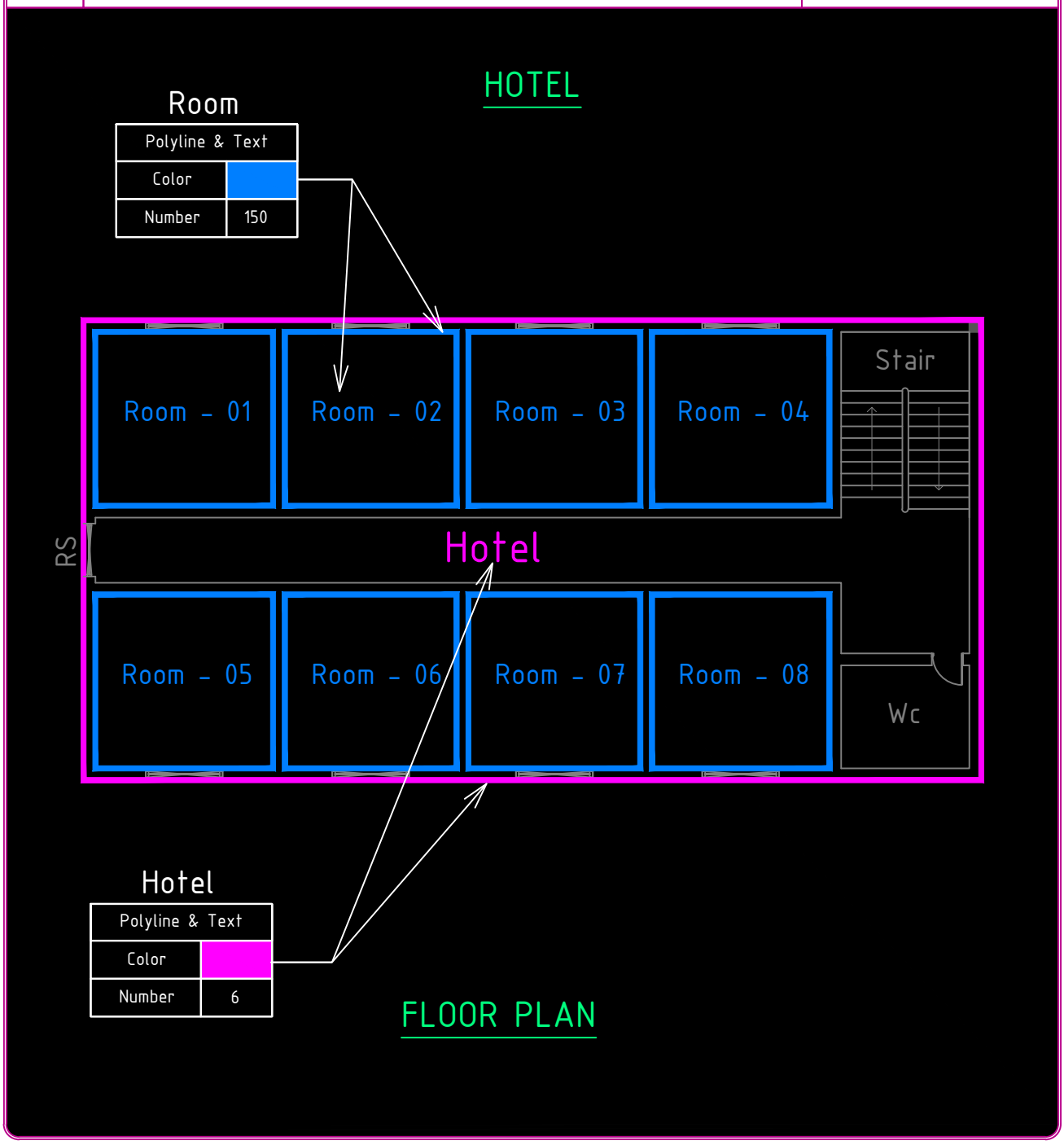
S.No	Description	Layer
4	If the same building contains more than one floor forming a single dwelling unit, the floor where Kitchen is present should have Kitchen text in color no. 230. The other floors should have either KITCHEN-BELOW or KITCHEN-ABOVE text depending on its position. For example if ground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



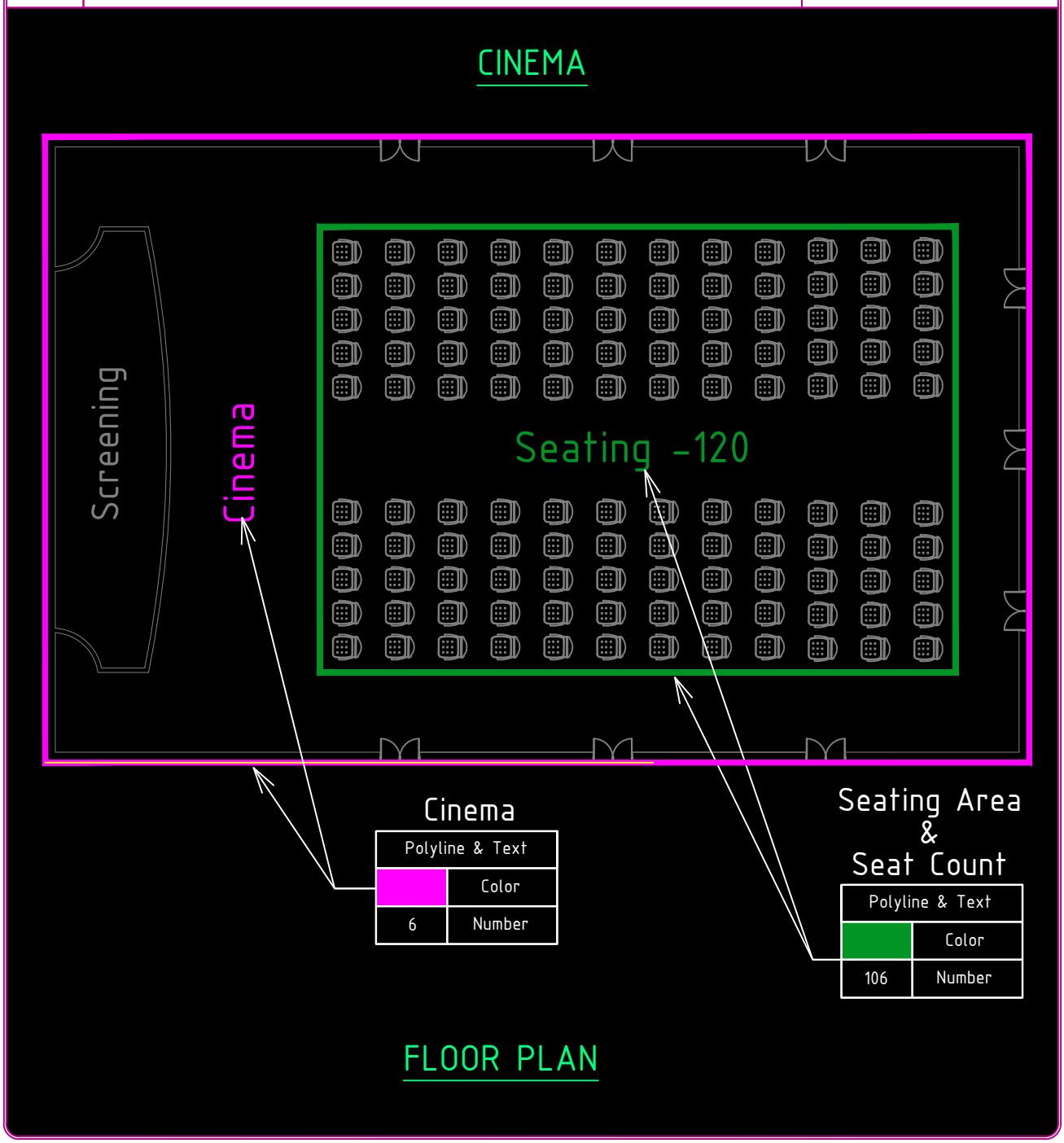
S.No	Description	Layer
5	Commercial FAR shall be drawn as Polyline in Color No. 6 and text shall be placed inside the Polyline in the same Color.	Applicable Floor Layer



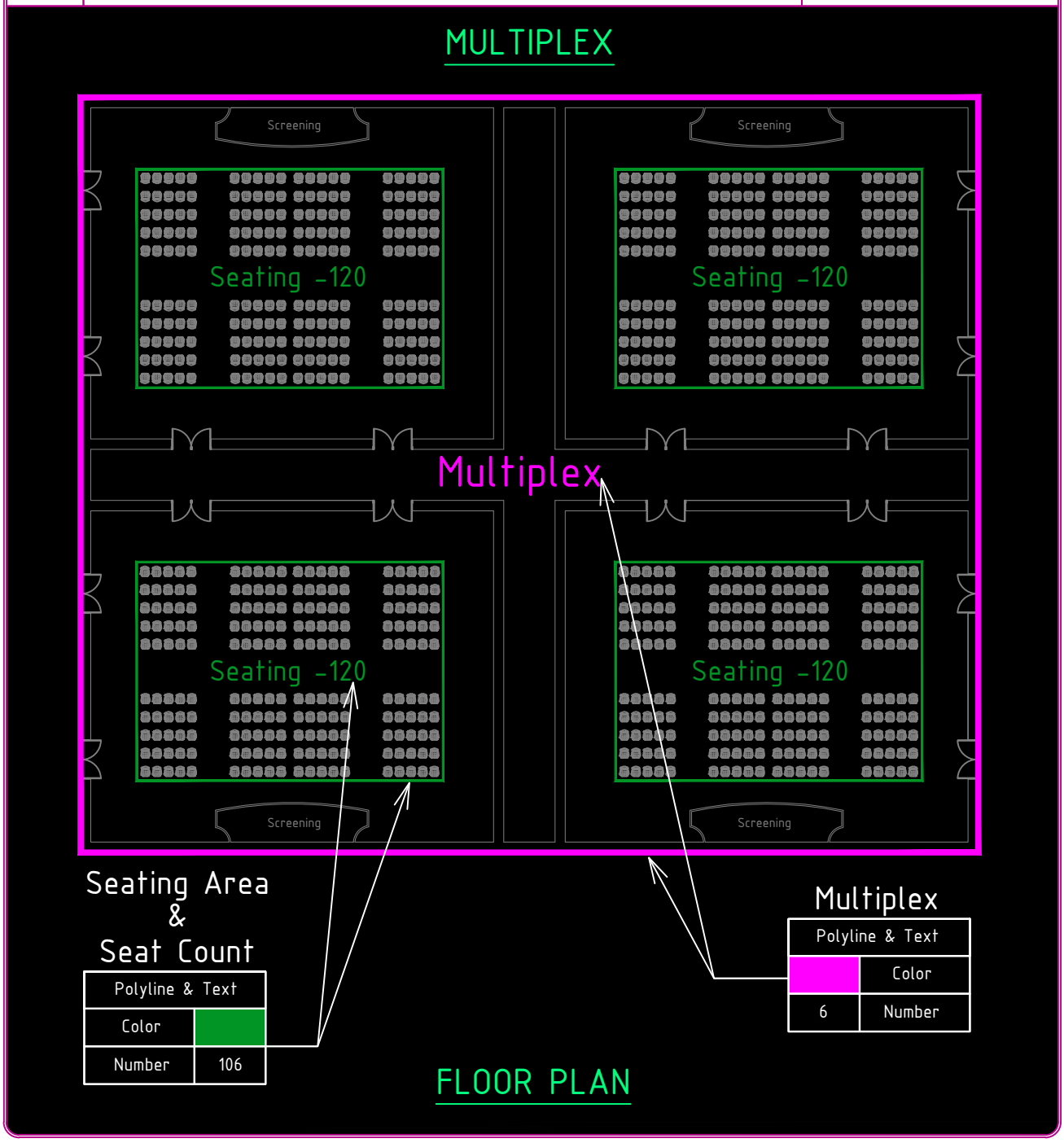
S.No	Description	Layer
6	Hotel Commercial shall be drawn as Polyline in Color No. 6 and text shall be placed inside the Polyline in the same color. Room shall be drawn as Polyline in Color No. 150 and text shall be placed inside the Polyline in the same color.	Applicable Floor Layer



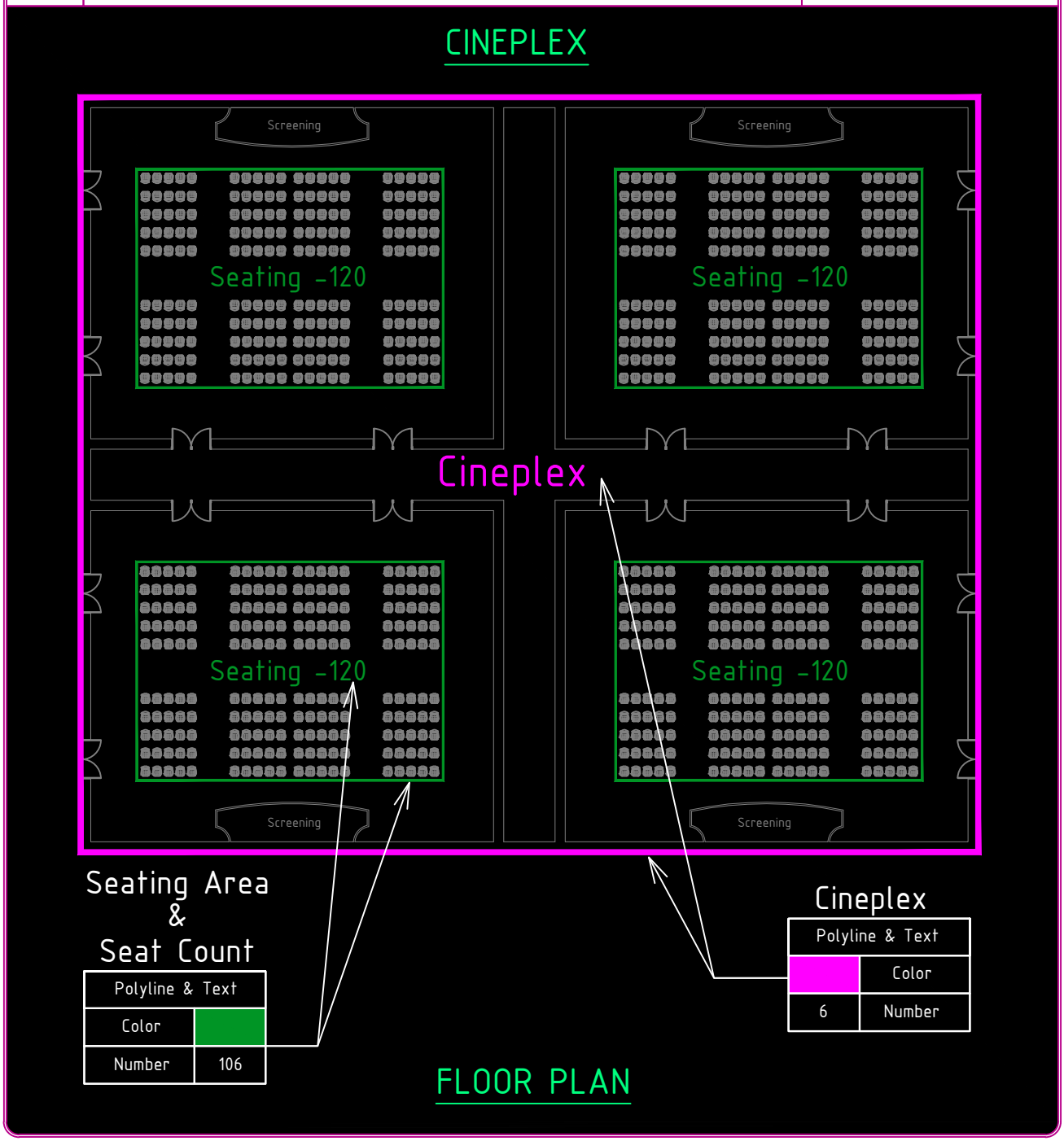
S.No	Description	Layer
7	Cinema Commercial shall be drawn as Polyline in Color No. 6 and Text shall be kept inside the Polyline in the same Color as shown below. Seating Area and Seat Count shall be drawn as Polyline in Color No. 106 and text shall be kept inside the Polyline in the same Color as shown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



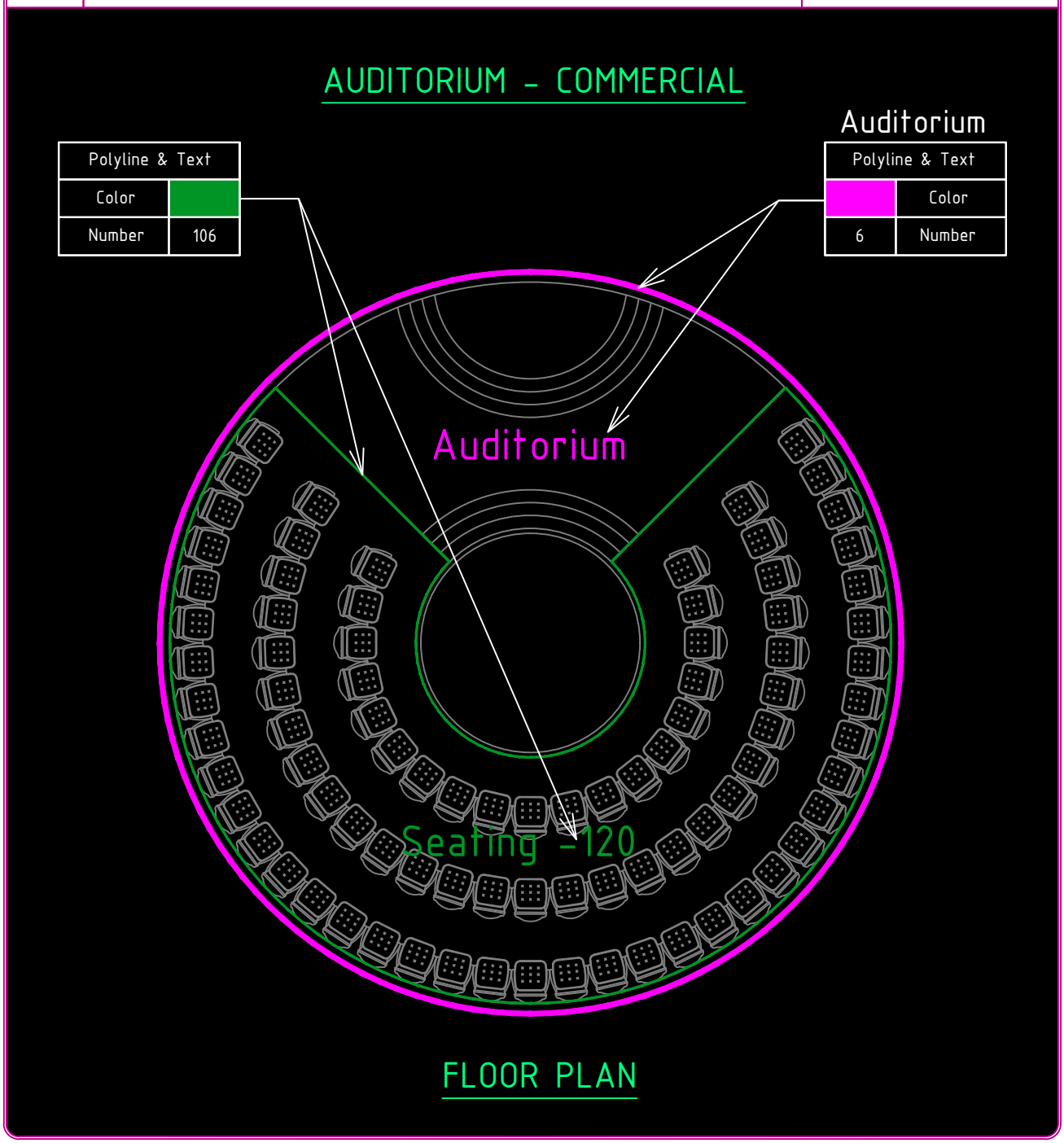
S.No	Description	Layer
8	Multiplex Commercial shall be drawn as Polyline in Color No. 6 and text shall be placed inside the Polyline in the same color as shown below. Seating Area and Seat Count shall be drawn as Polyline in Color No. 106 and text shall be kept inside the Polyline in the same Color as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



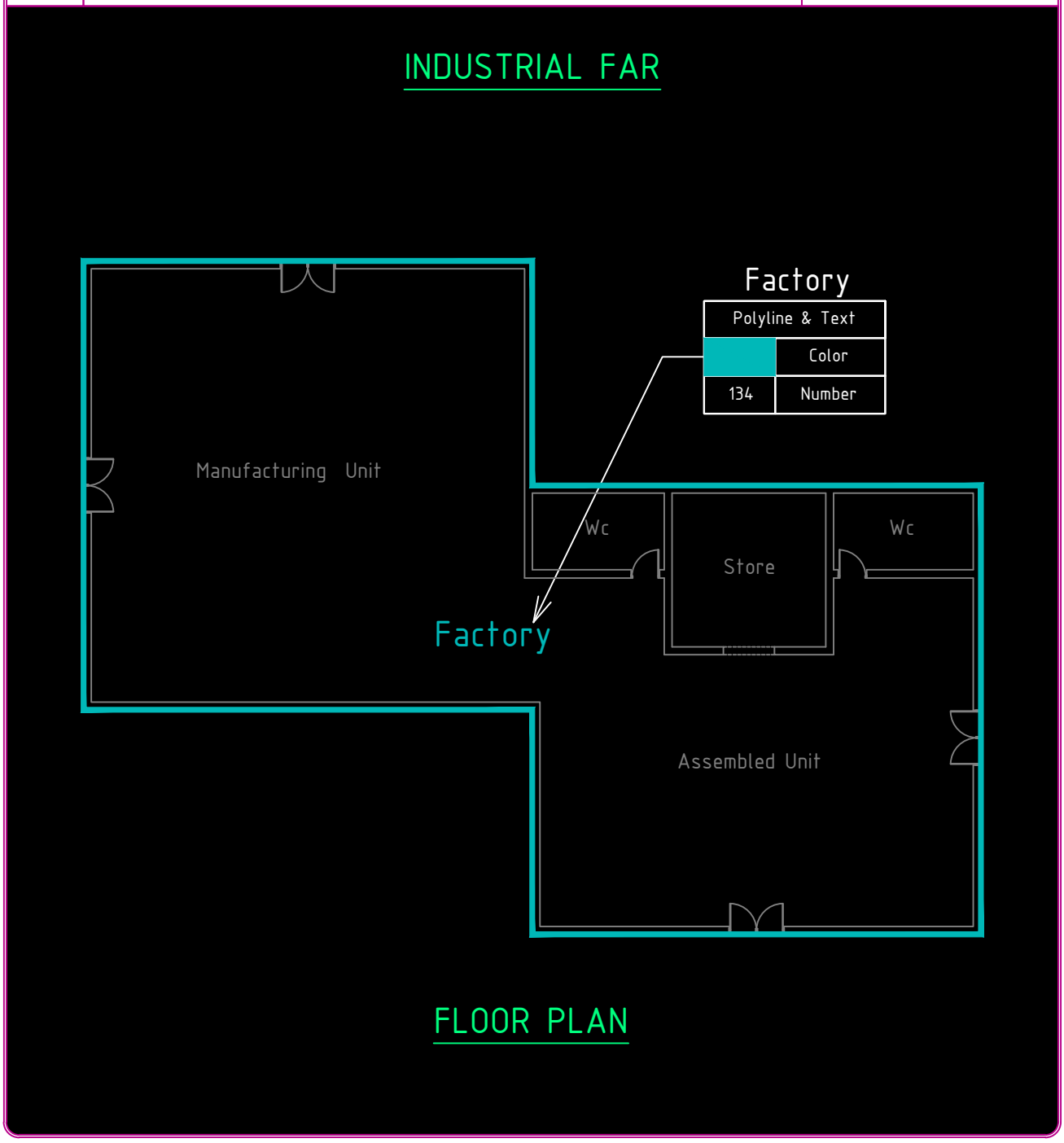
S.No	Description	Layer
9	Cineplex Commercial shall be drawn as Polyline in Color No. 6 and text shall be placed inside the Polyline in the same color as shown below. Seating Area and Seat Count shall be drawn as Polyline in Color No. 106 and text shall be kept inside the Polyline in the same Color as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



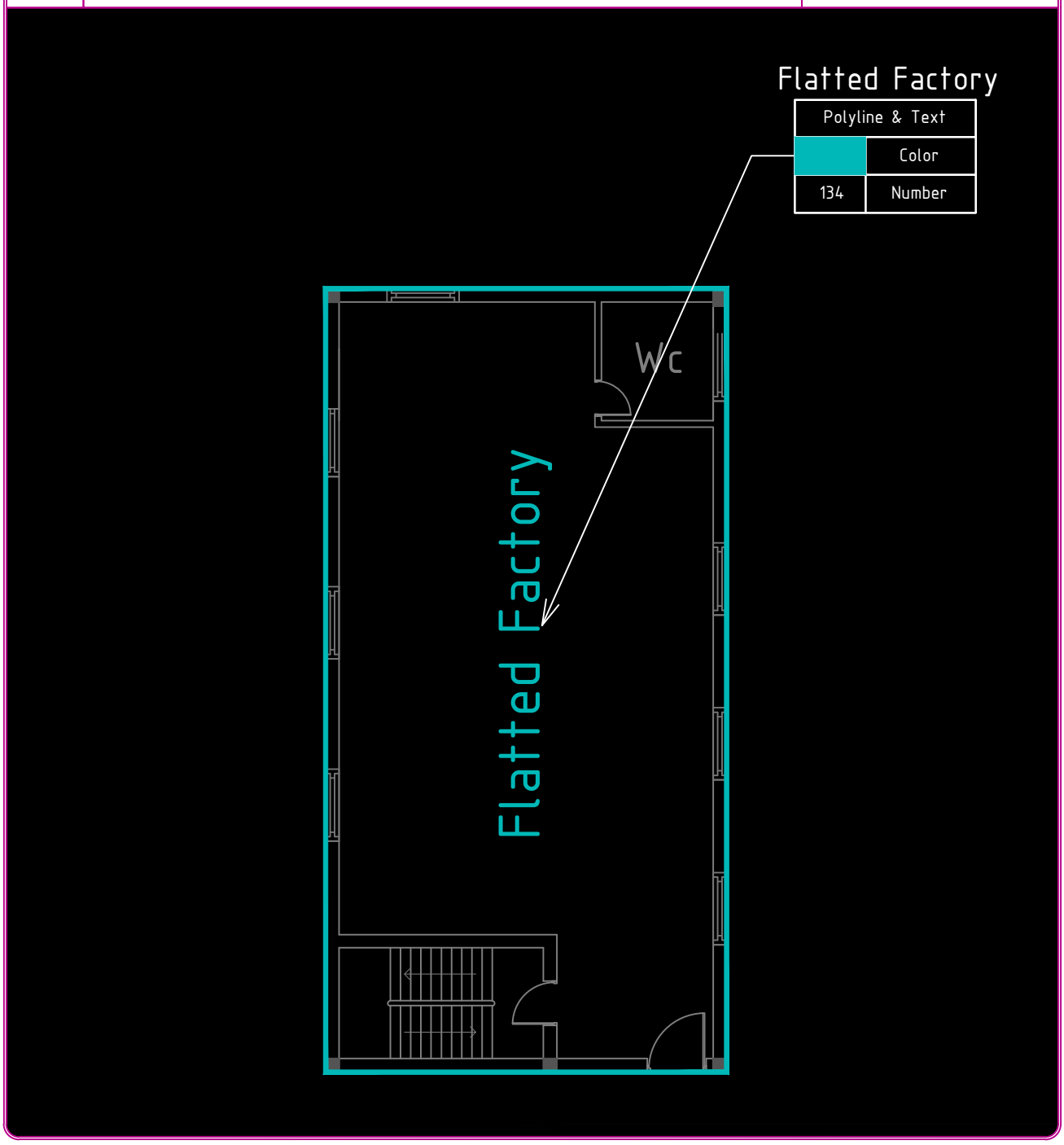
S.No	Description	Layer
10	Auditorium for Commercial shall be drawn as Polyline in Color No. 6 and text shall be kept inside the Polyline in the same Color as shown below. Seating Area and Seat Count shall be drawn as Polyline in Color No. 106 and text shall be kept inside the Polyline in the same Color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



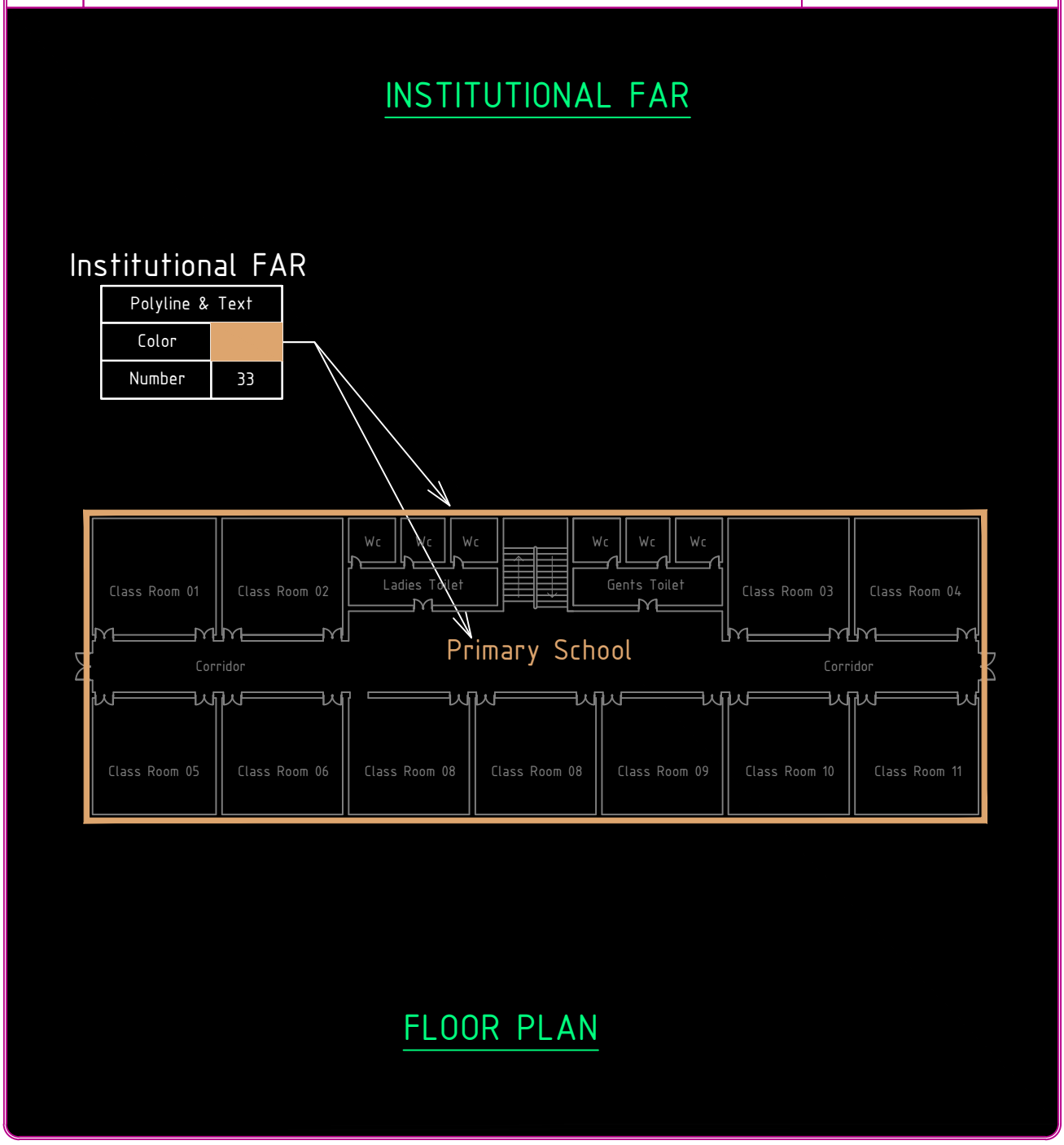
S.No	Description	Layer
11	Industrial FAR shall be drawn as Polyline in Color No. 134 and text shall be placed inside the Polyline in the same Color.	Applicable Floor Layer



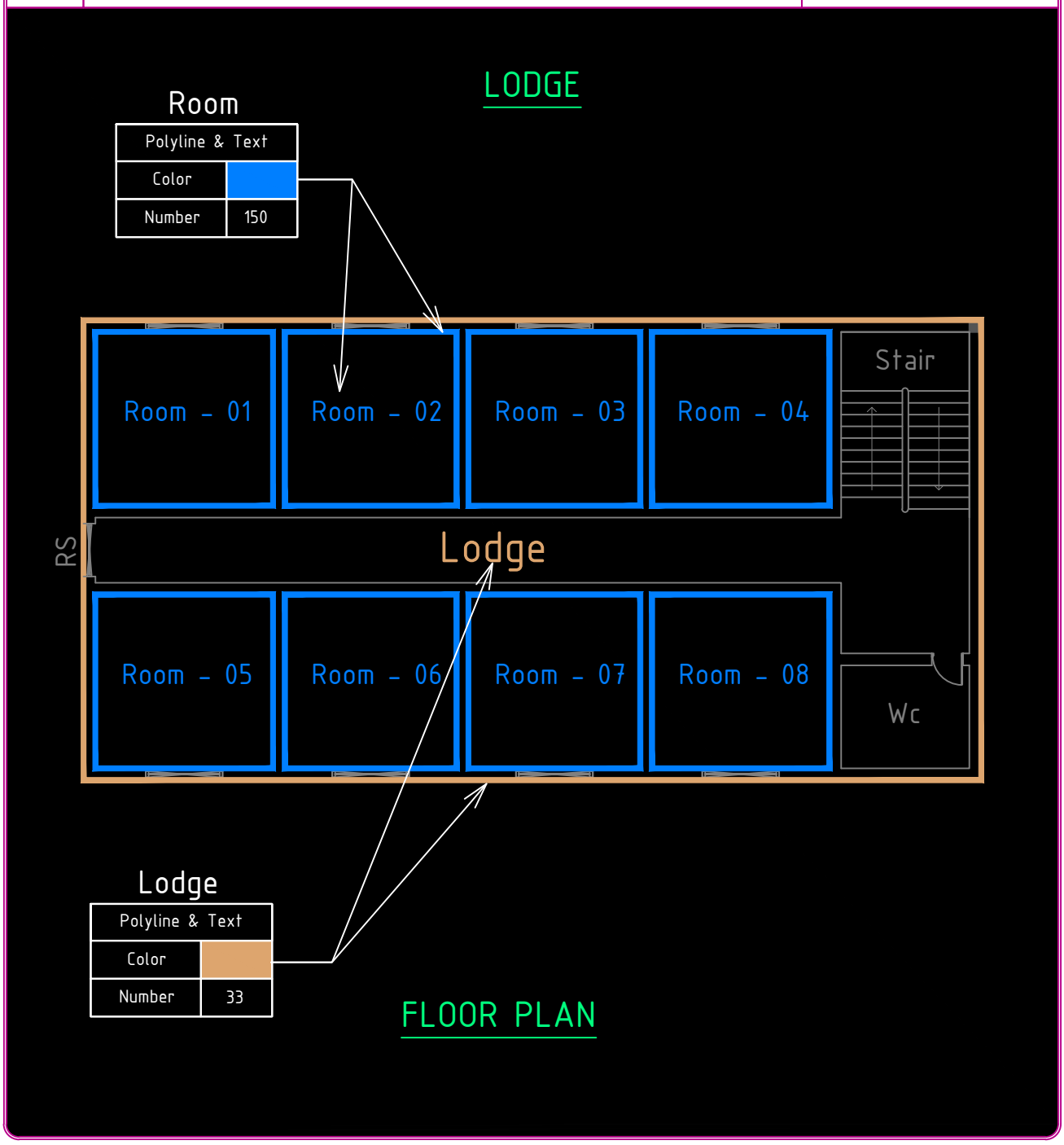
S.No	Description	Layer
12	Industrial FAR shall be drawn as Polyline in Color No.134 and text shall be placed inside the Polyline in the same color as shown below.	Applicable Floor Layer



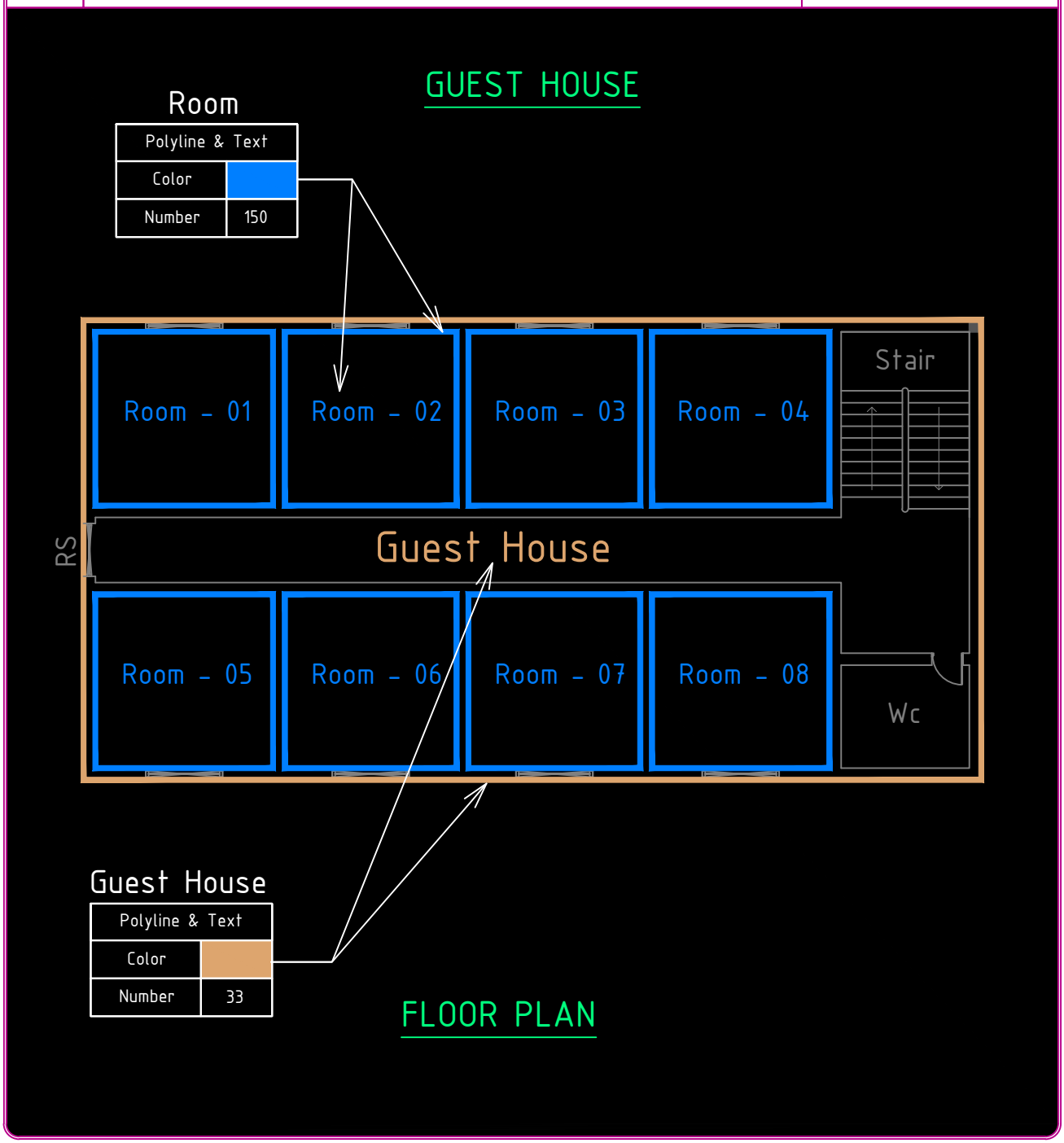
S.No	Description	Layer
13	Institutional FAR shall be drawn as Polyline in Color No. 33 and text shall be placed inside the Polyline in the same color.	Applicable Floor Layer



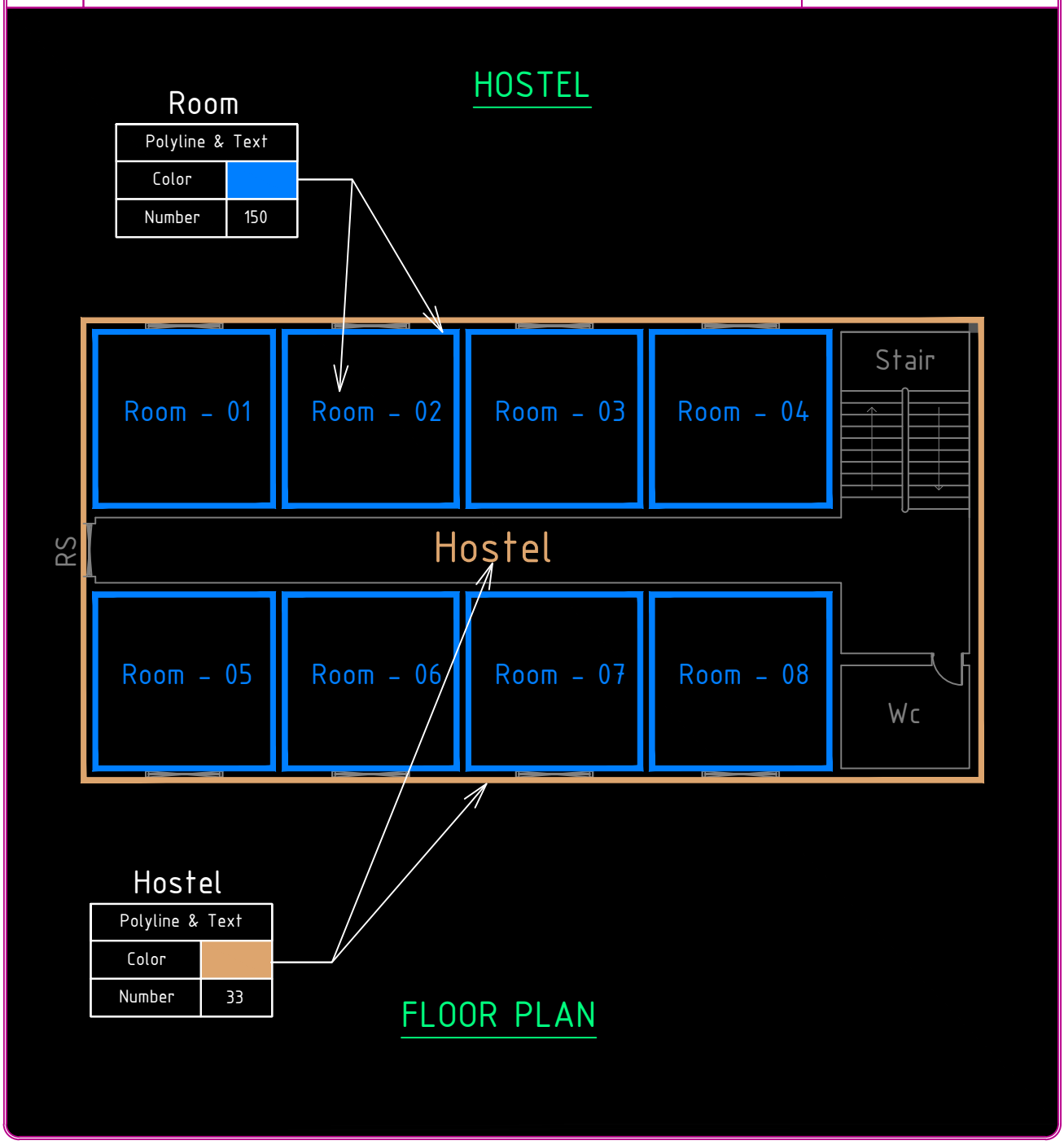
S.No	Description	Layer
14	Lodge Institutional shall be drawn as Polyline in Color No. 33 and text shall be placed inside the Polyline in the same color. Room shall be drawn as Polyline in Color No. 150 and text shall be placed inside the Polyline in the same color.	Applicable Floor Layer



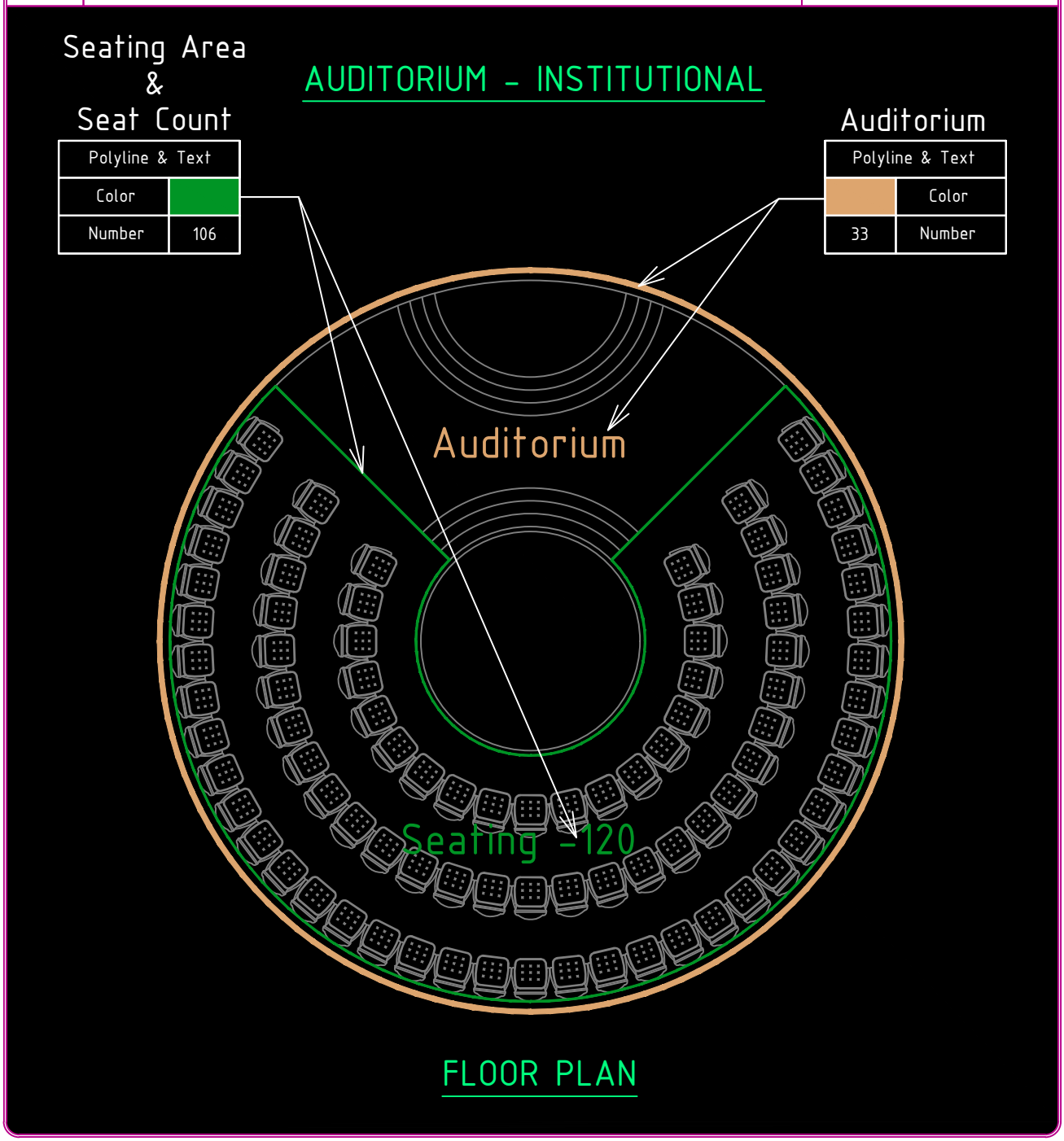
S.No	Description	Layer
15	Guest House Institutional shall be drawn as Polyline in Color No. 33 and text shall be placed inside the Polyline in the same color. Room shall be drawn as Polyline in Color No. 150 and text shall be placed inside the Polyline in the same color.	Applicable Floor Layer



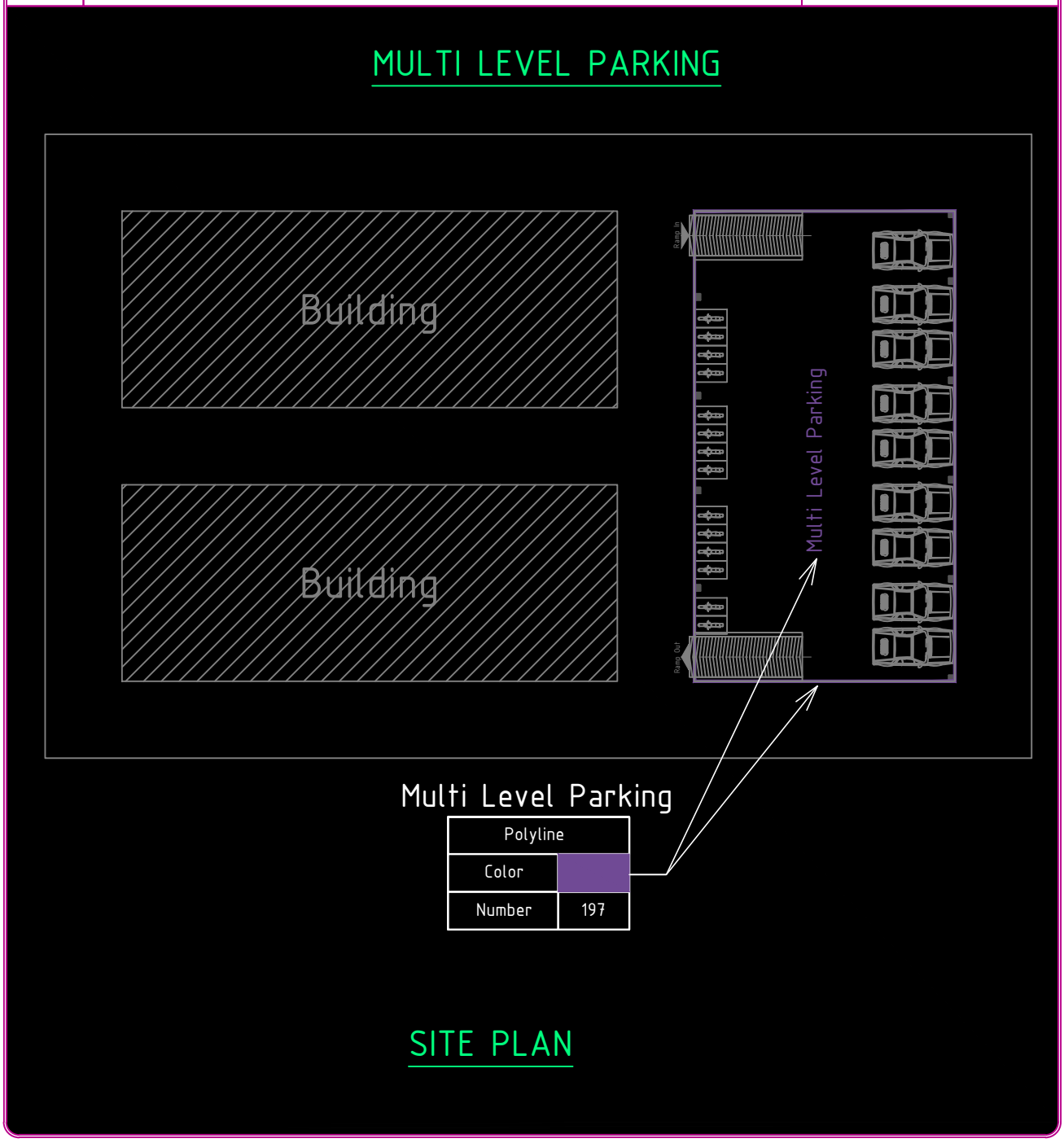
S.No	Description	Layer
16	Hostel Institutional Far shall be drawn as Polyline in Color No. 33 and text shall be placed inside the Polyline in the same color. Room shall be drawn as Polyline in Color No. 150 and text shall be placed inside the Polyline in the same color.	Applicable Floor Layer



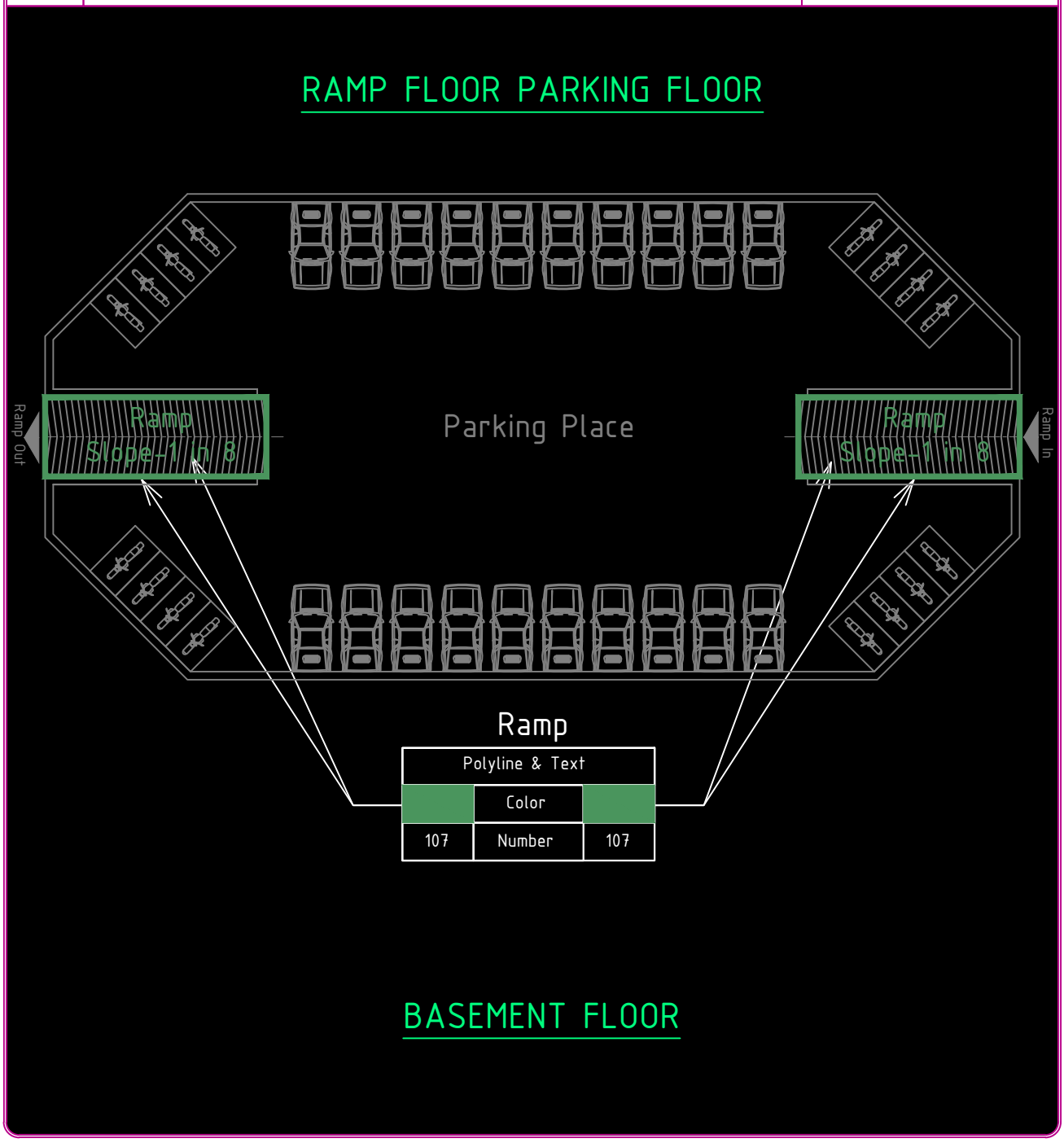
S.No	Description	Layer
17	Auditorium for Institutional shall be drawn as Polyline in Color No. 33 and text shall be kept inside the Polyline in the same color as shown below. Seating Area and Seat Count shall be drawn as Polyline in Color No. 106 and text shall be kept inside the Polyline in the same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



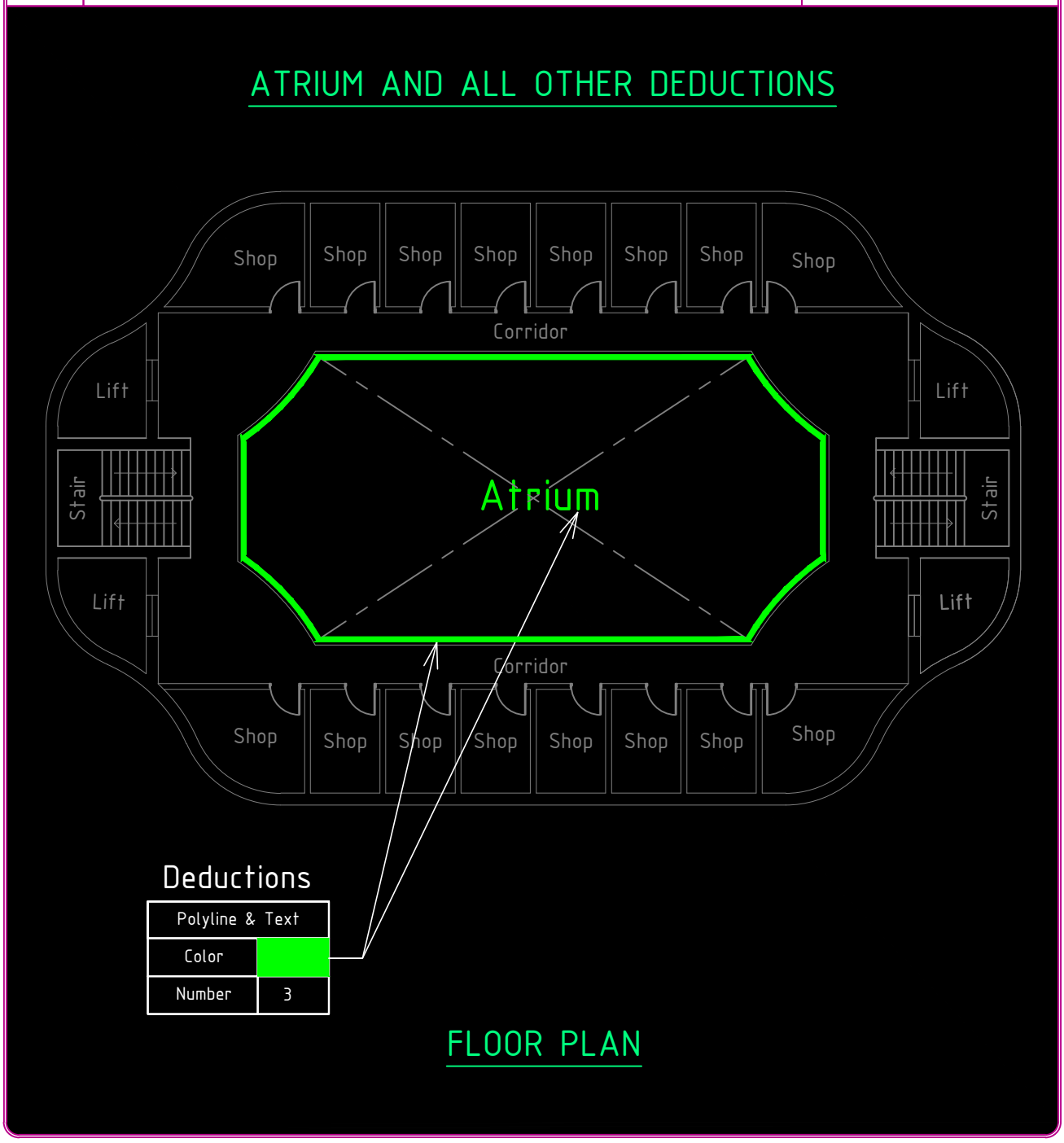
S.No	Description	Layer
18	Multi Level Parking shall be drawn as Polyline in Color No.197 and text shall be placed inside the Polyline in the same color as shown below.	Applicable Floor Layer



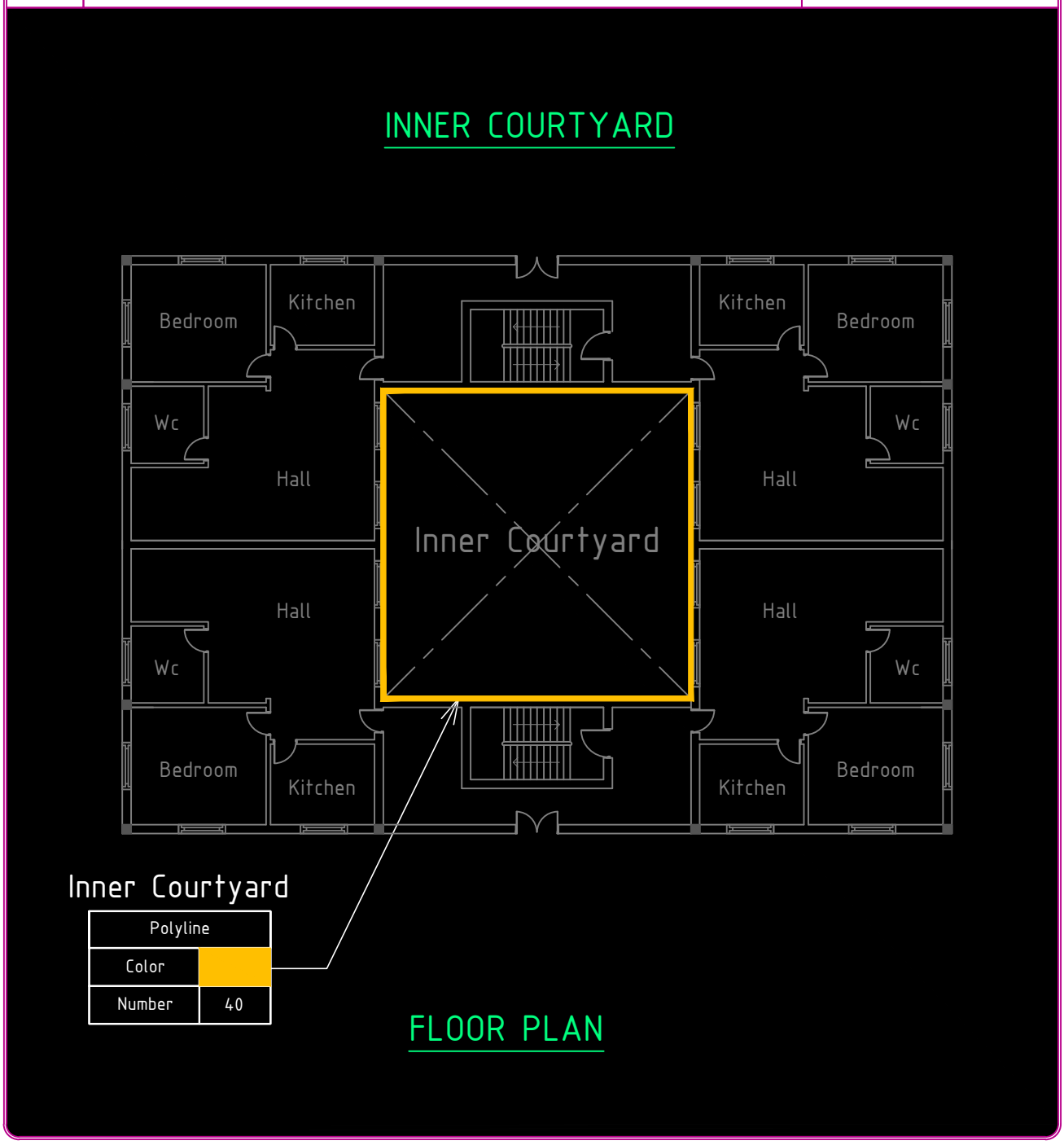
S.No	Description	Layer
19	Vehicular Ramp shall be drawn as Polyline in Color No. 107 and text shall be placed inside the Polyline in the same color. Slope Text shall be placed inside the Polyline as shown below.	Applicable Floor Layer



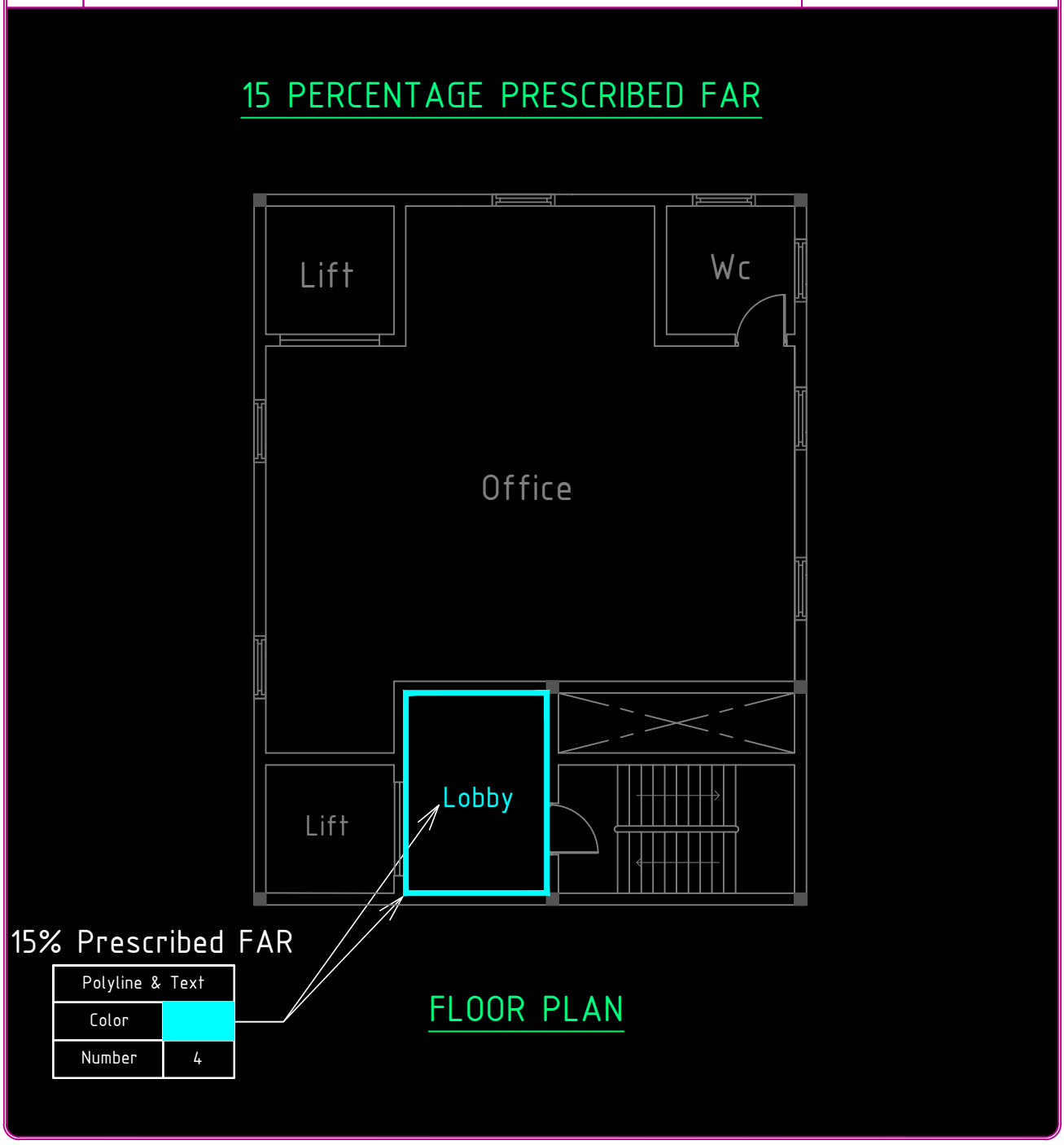
S.No	Description	Layer
20	Atrium and all other Deductions shall be drawn as Polyline in Color No. 3 and text Shall be kept inside the Polyline in the same Color.	Applicable Floor Layer



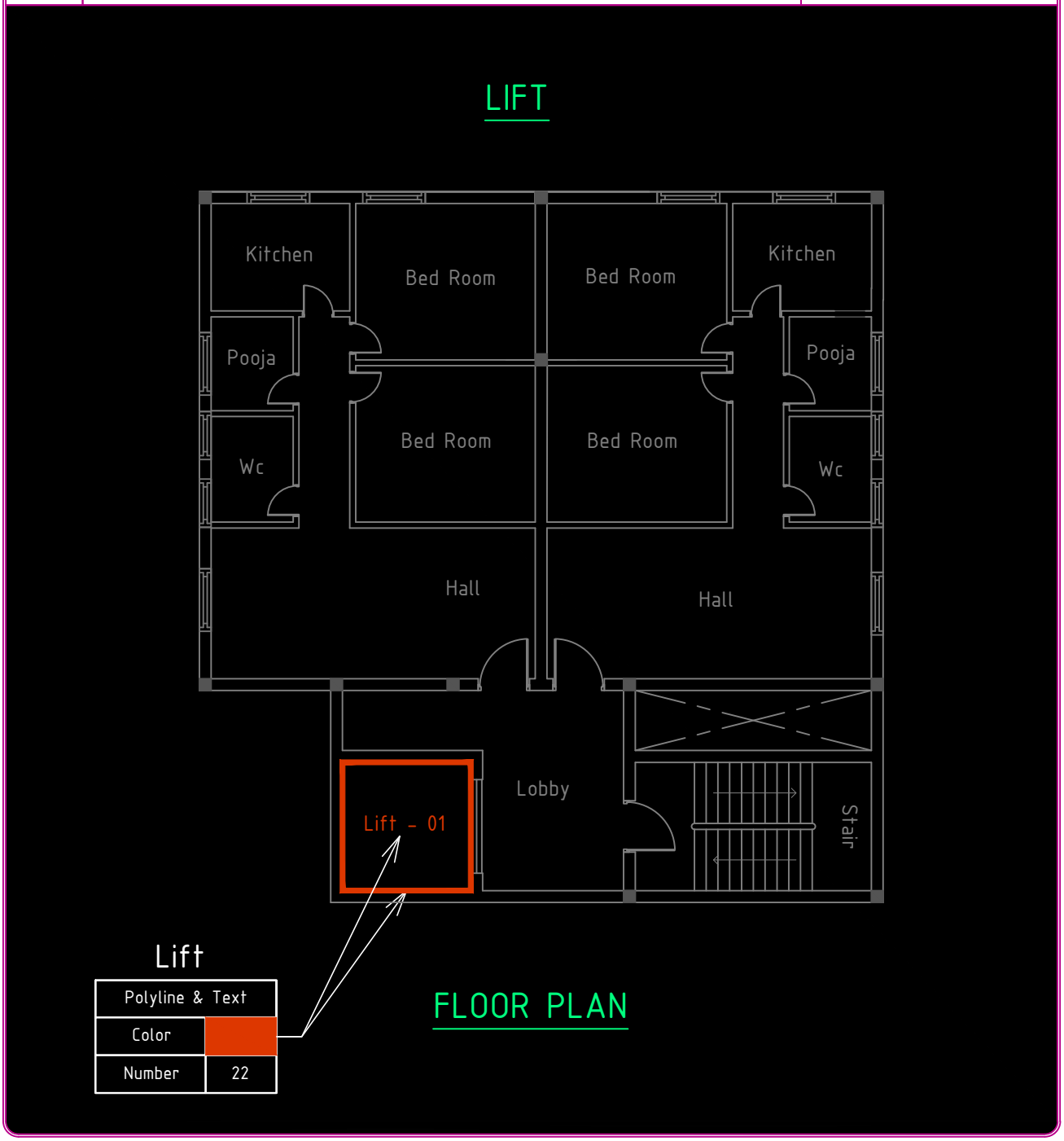
S.No	Description	Layer
21	Inner Courtyard shall be drawn as Polyline in Color No. 40 inside the FAR Color Polyline.	Applicable Floor Layer



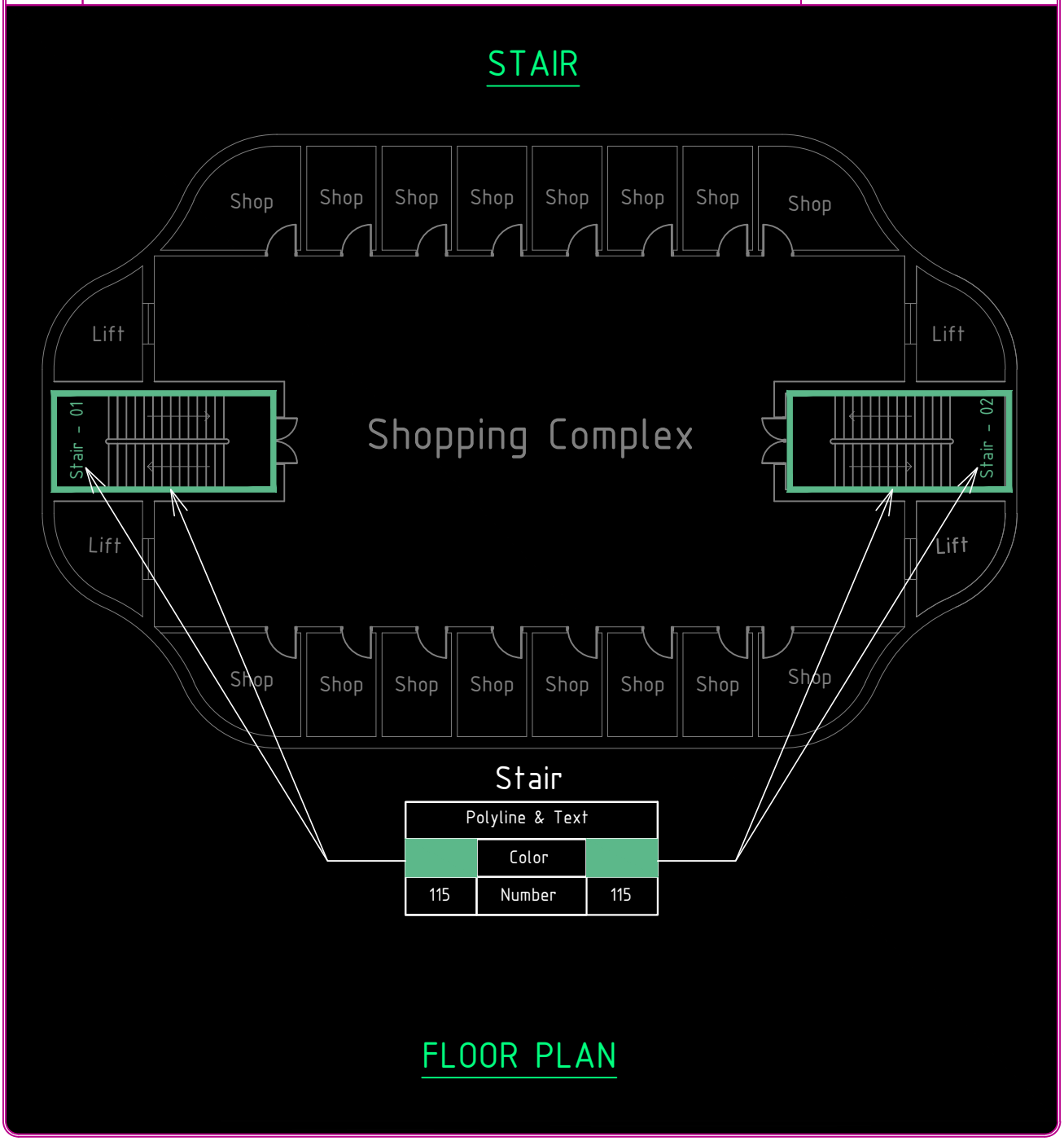
S.No	Description	Layer
22	15 Percentage Prescribed FAR shall be drawn as Polyline in Color No. 4 and text shall be placed inside the Polyline in the same Color.	Applicable Floor Layer



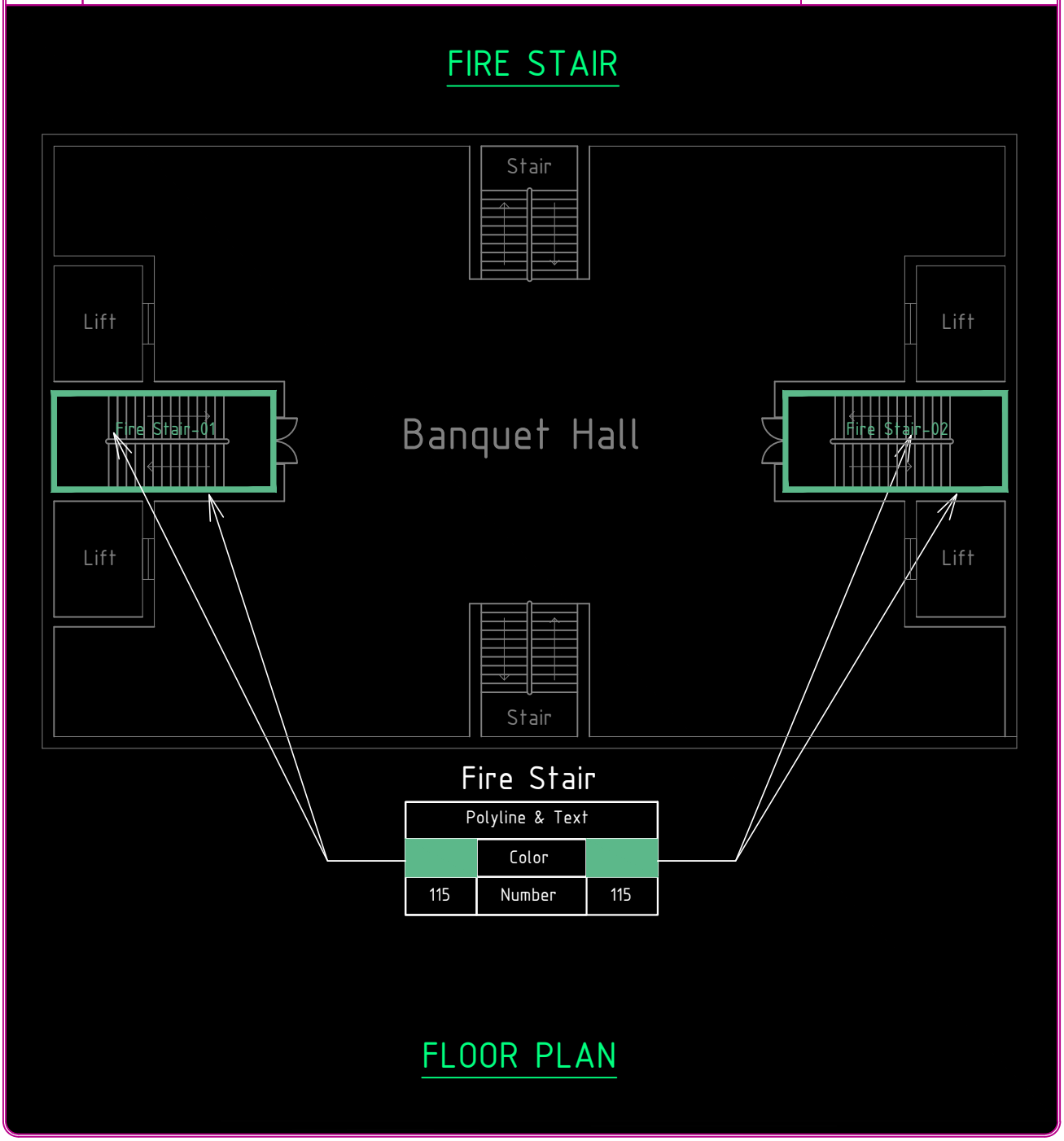
S.No	Description	Layer
23	Lift shall be drawn as Polyline in Color No. 22 inside the FAR Color Polyline.	Applicable Floor Layer



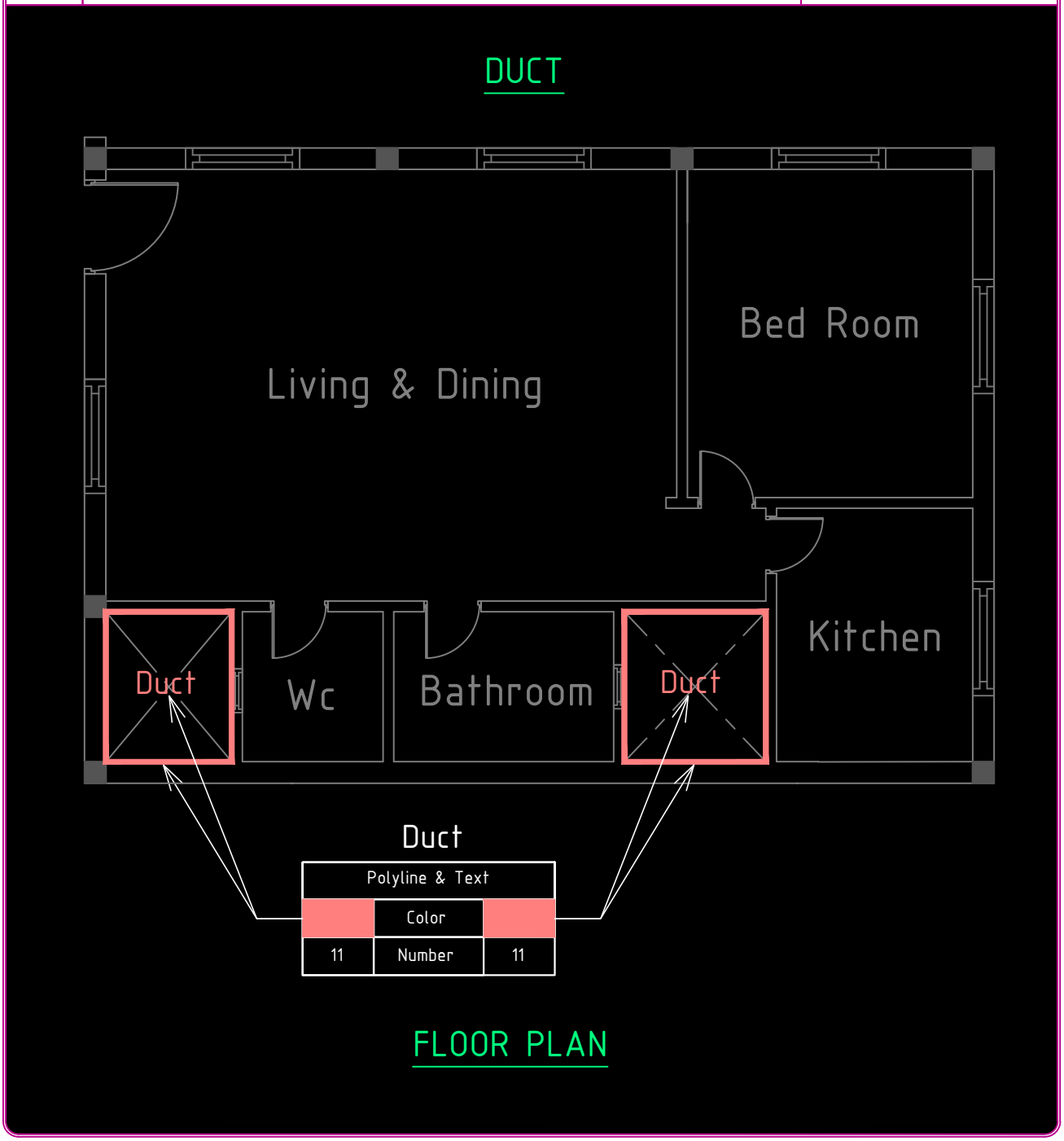
S.No	Description	Layer
24	Stair shall be drawn as Polyline in Color No. 115 and text shall be placed inside the Polyline in the same Color.	Applicable Floor Layer



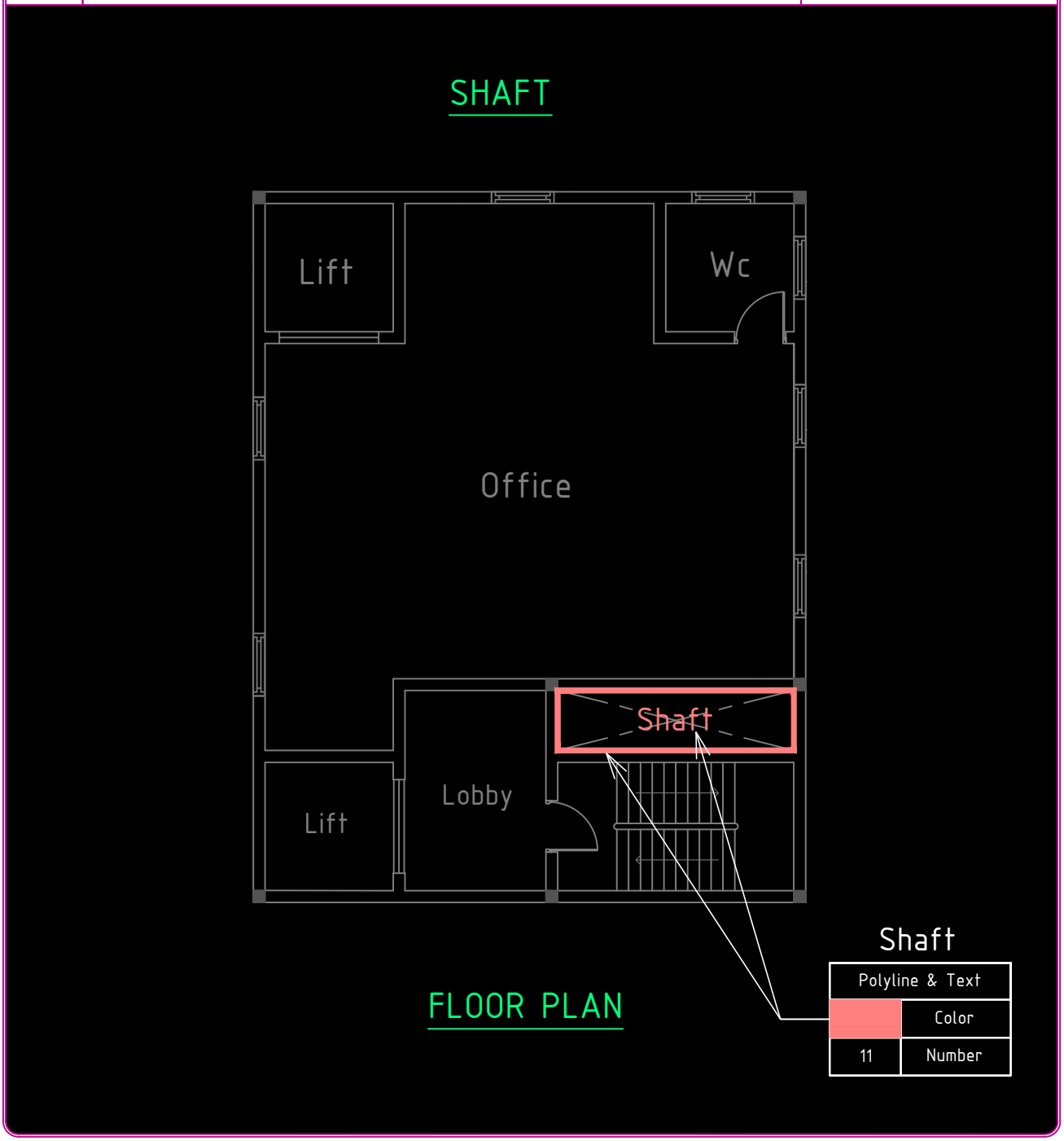
S.No	Description	Layer
25	Fire Stair shall be drawn as Polyline in Color No. 115 and text shall be placed inside the Polyline in the same Color.	Applicable Floor Layer



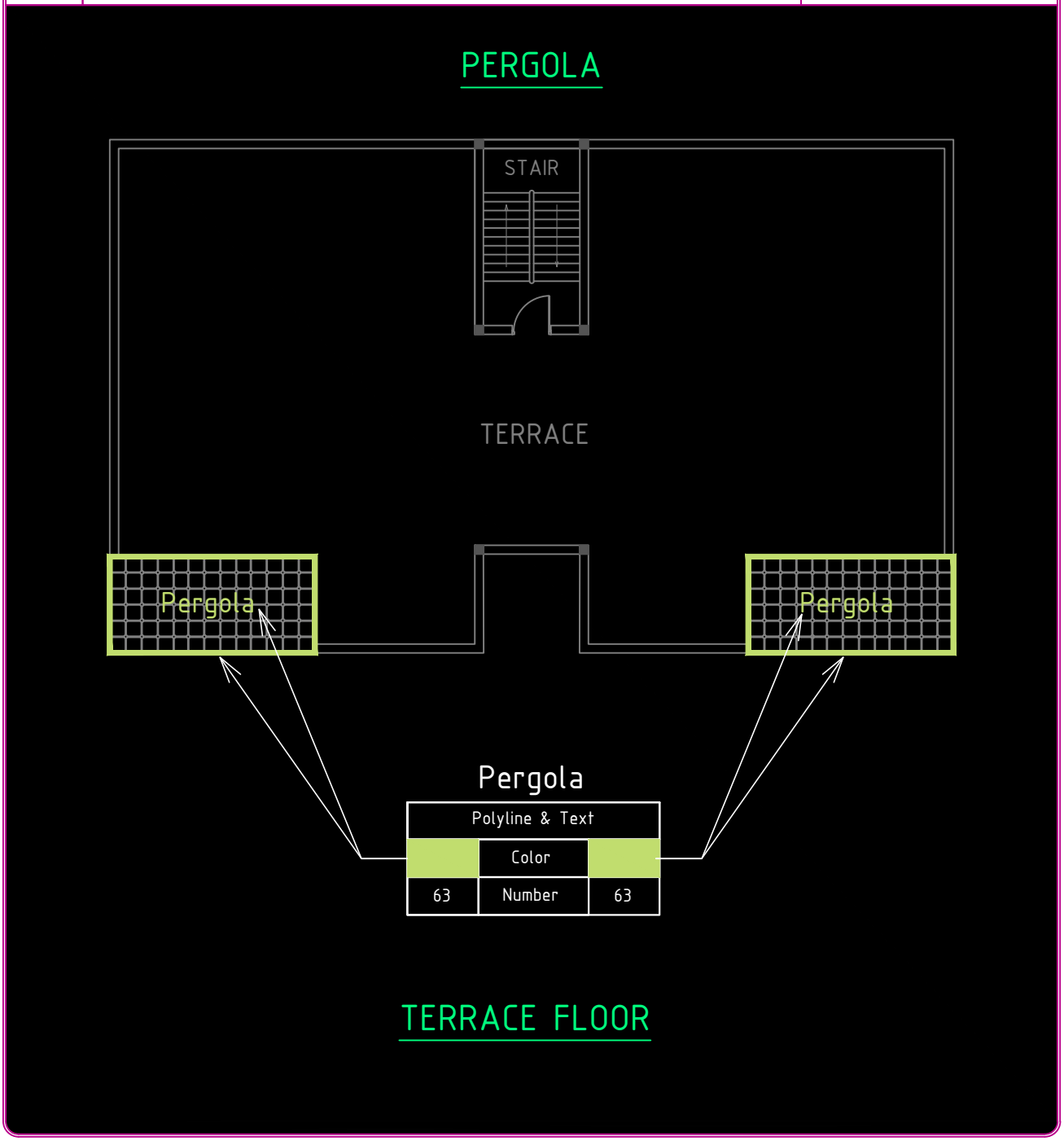
S.No	Description	Layer
26	Duct shall be drawn as Polyline in Color No. 11 and text shall be placed inside the Polyline in the same Color.	Applicable Floor Layer



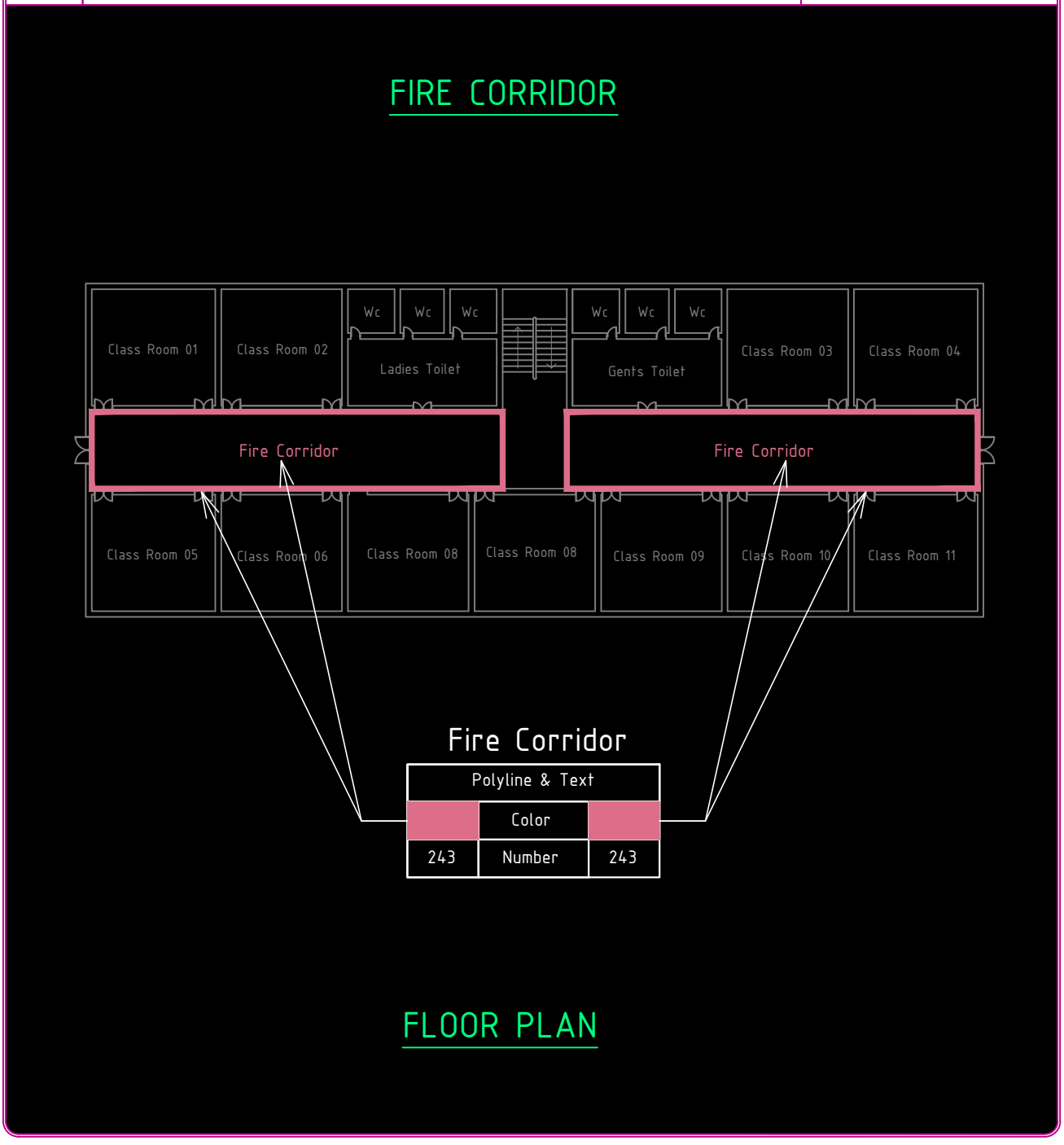
S.No	Description	Layer
27	Shaft shall be drawn as Polyline in Color No. 11 and text Shall be placed inside the Polyline in the same Color.	Applicable Floor Layer



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

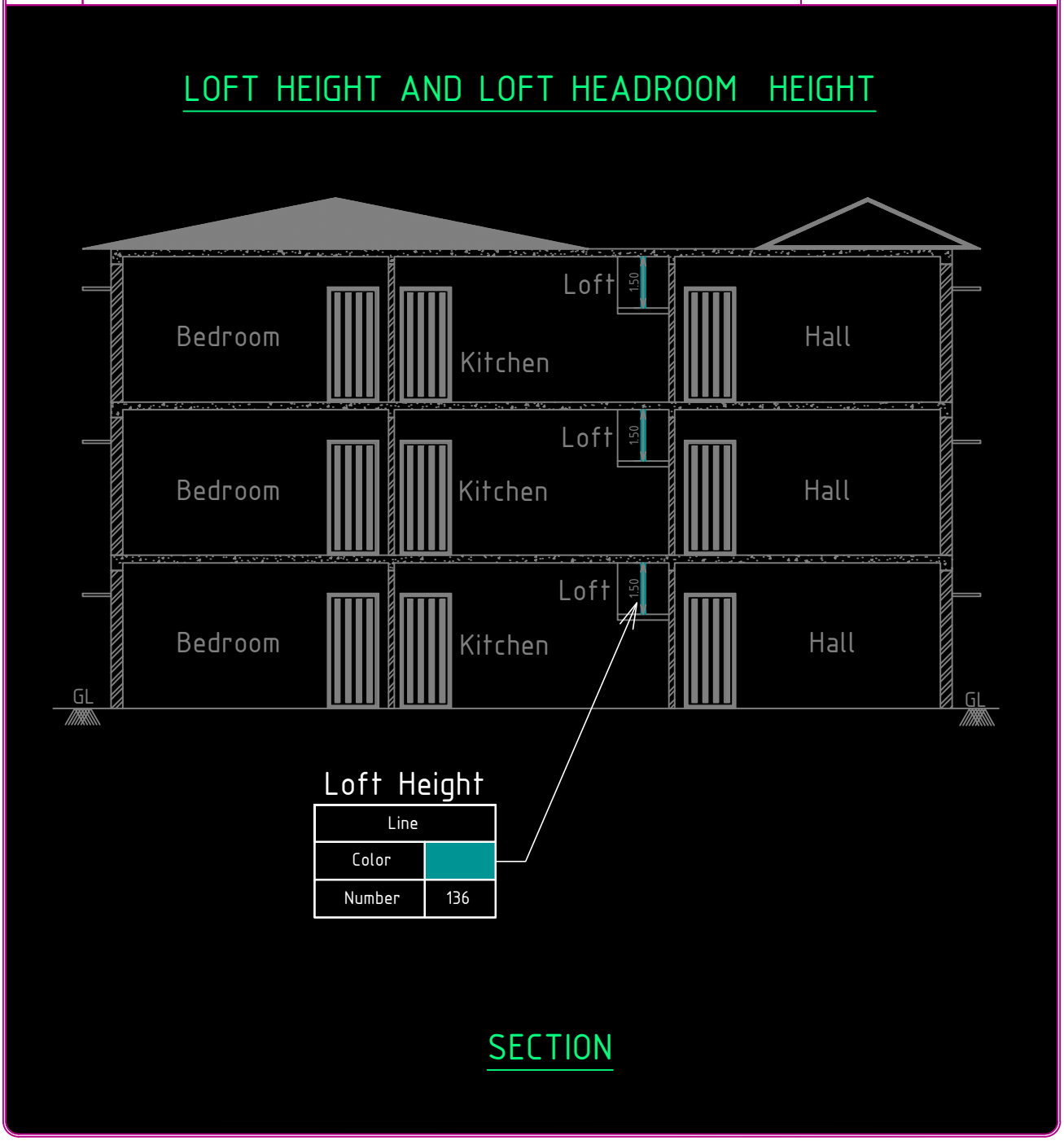


S.No	Description	Layer
29	Fire Corridor shall be drawn as Polyline in Color No. 243 and text shall be placed inside the Polyine in the same color.	Applicable Floor Layer

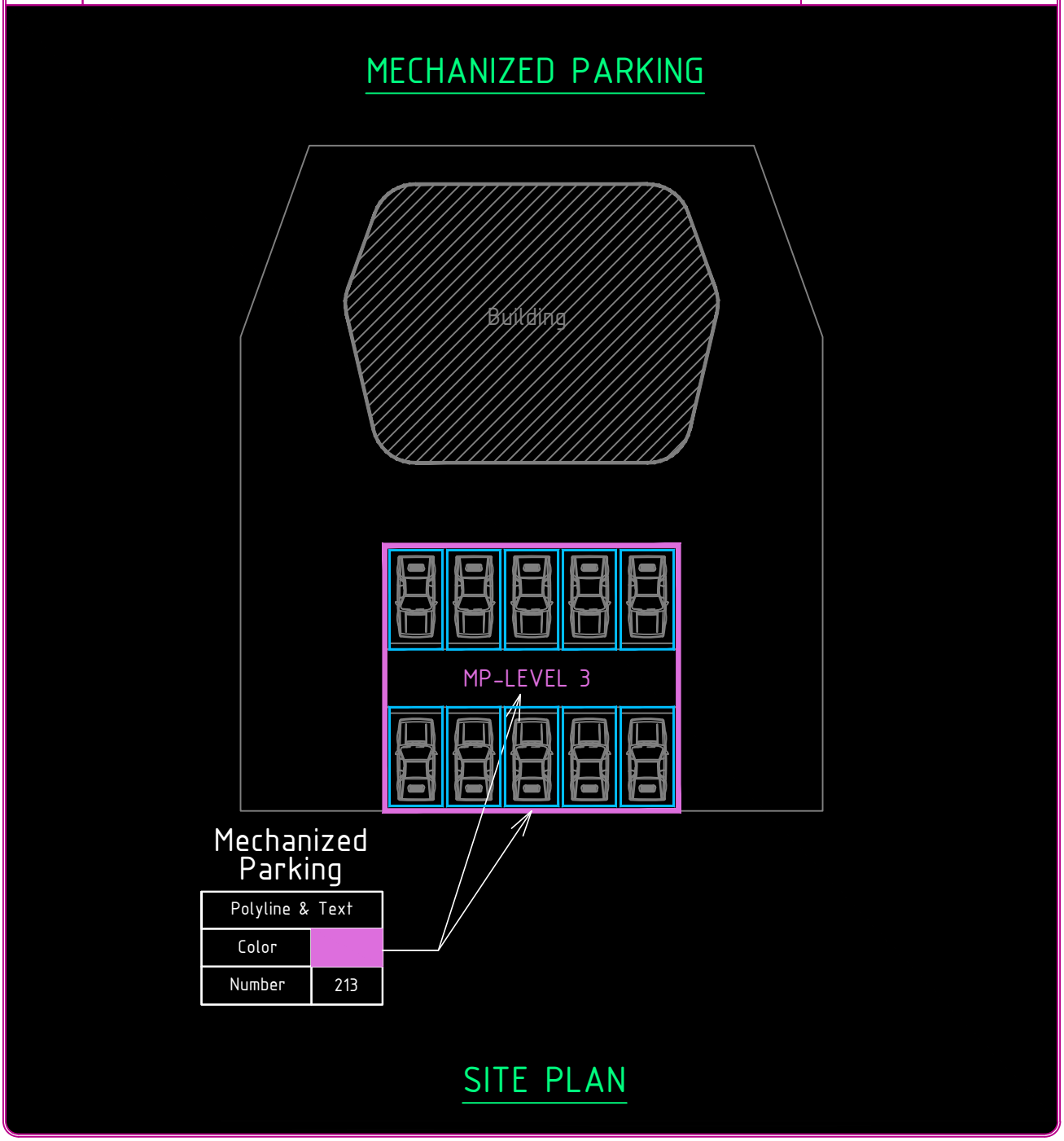


S.No	Description	Layer
30	Loft shall be drawn as Polyline in Color No. 120 and text shall be placed inside the Polyline in the same Color and it should be drawn inside the FAR Color Polyline.	Applicable Floor Layer

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

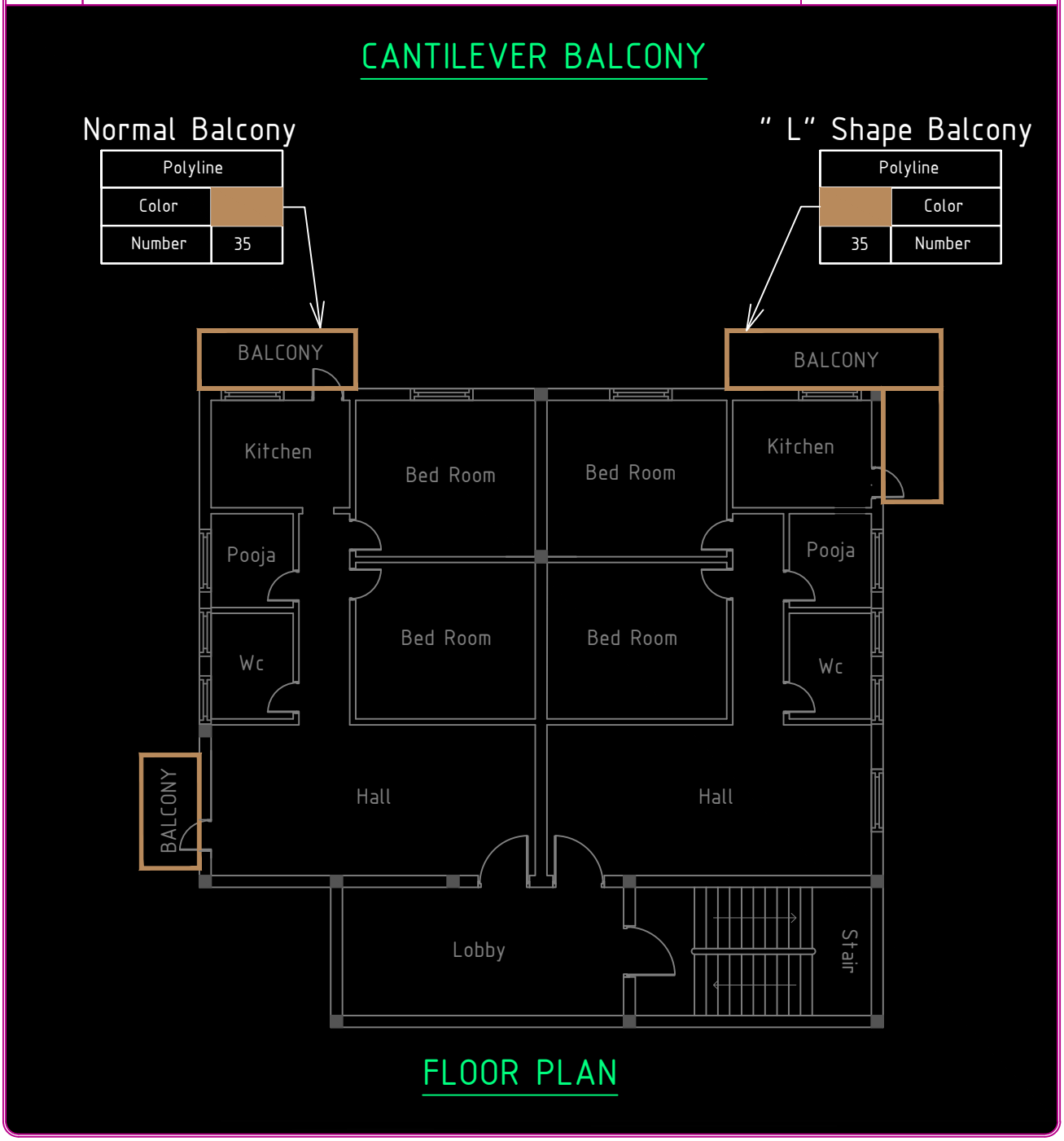


S.No	Description	Layer
32	Mechanized Parking Area shall be drawn as Polyline in Color No. 213 and text shall be placed inside the Polyline in the same color.	Applicable Floor Layer

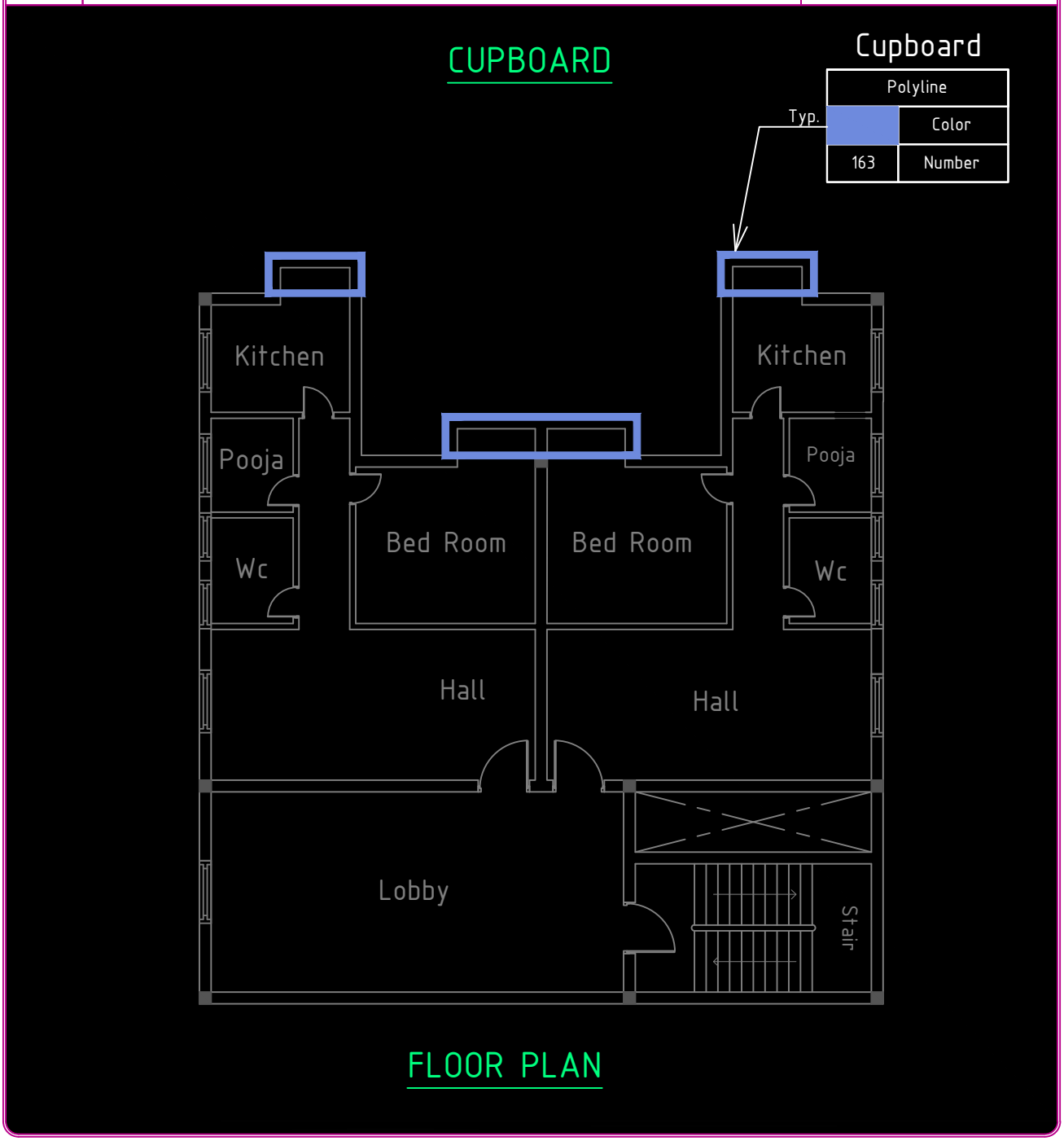


S.No	Description	Layer
33	Mechanized Parking Level Height shall be drawn as line in Color No. 236.	Applicable Floor Layer

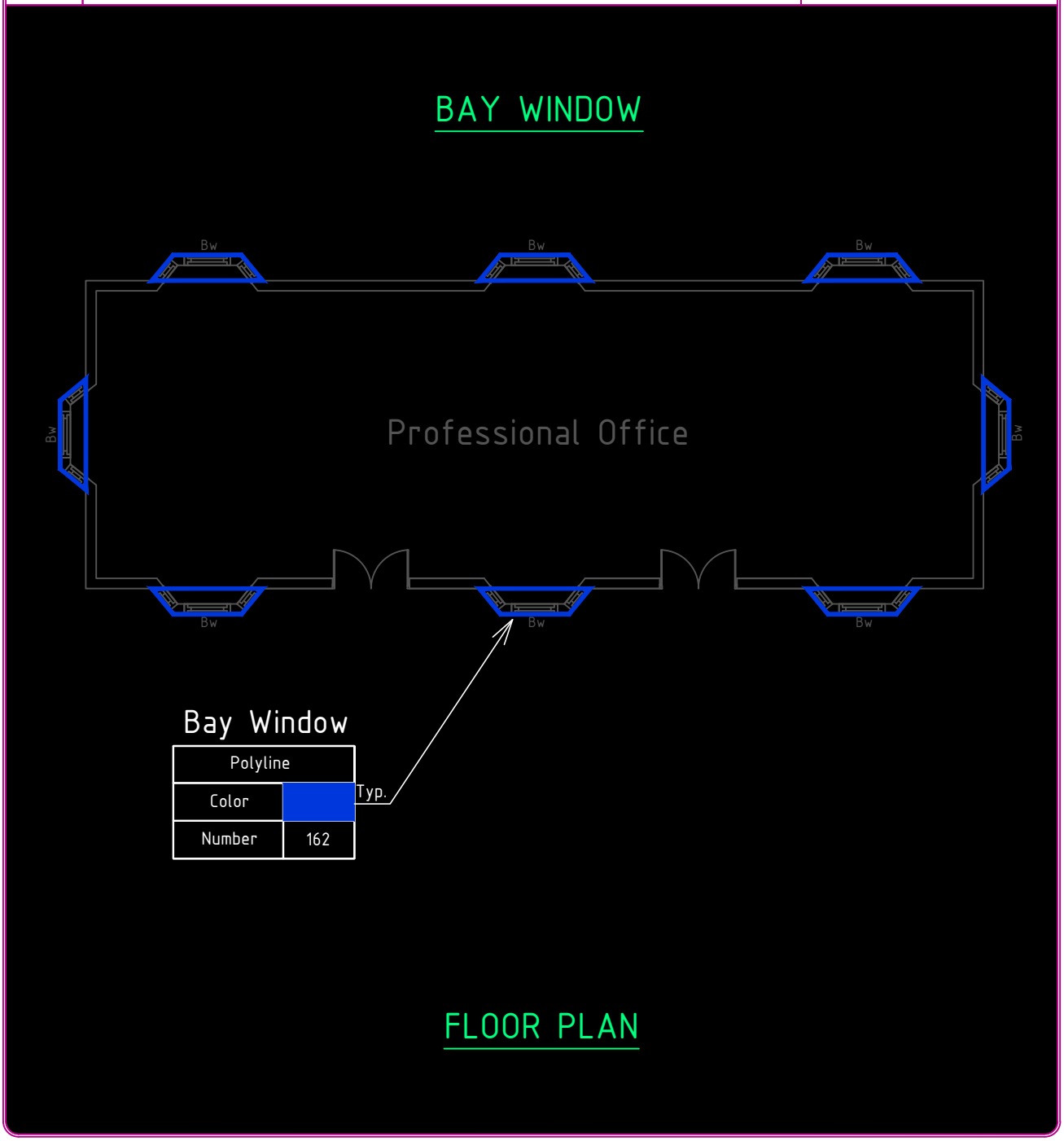
S.No	Description	Layer
34	Cantilever Balcony shall be drawn as Polyline in Color No. 35 outside the FAR Color Polyline. Note: Whenever L shape balcony need to provide, Kindly split and Provide as below.	Applicable Floor Layer



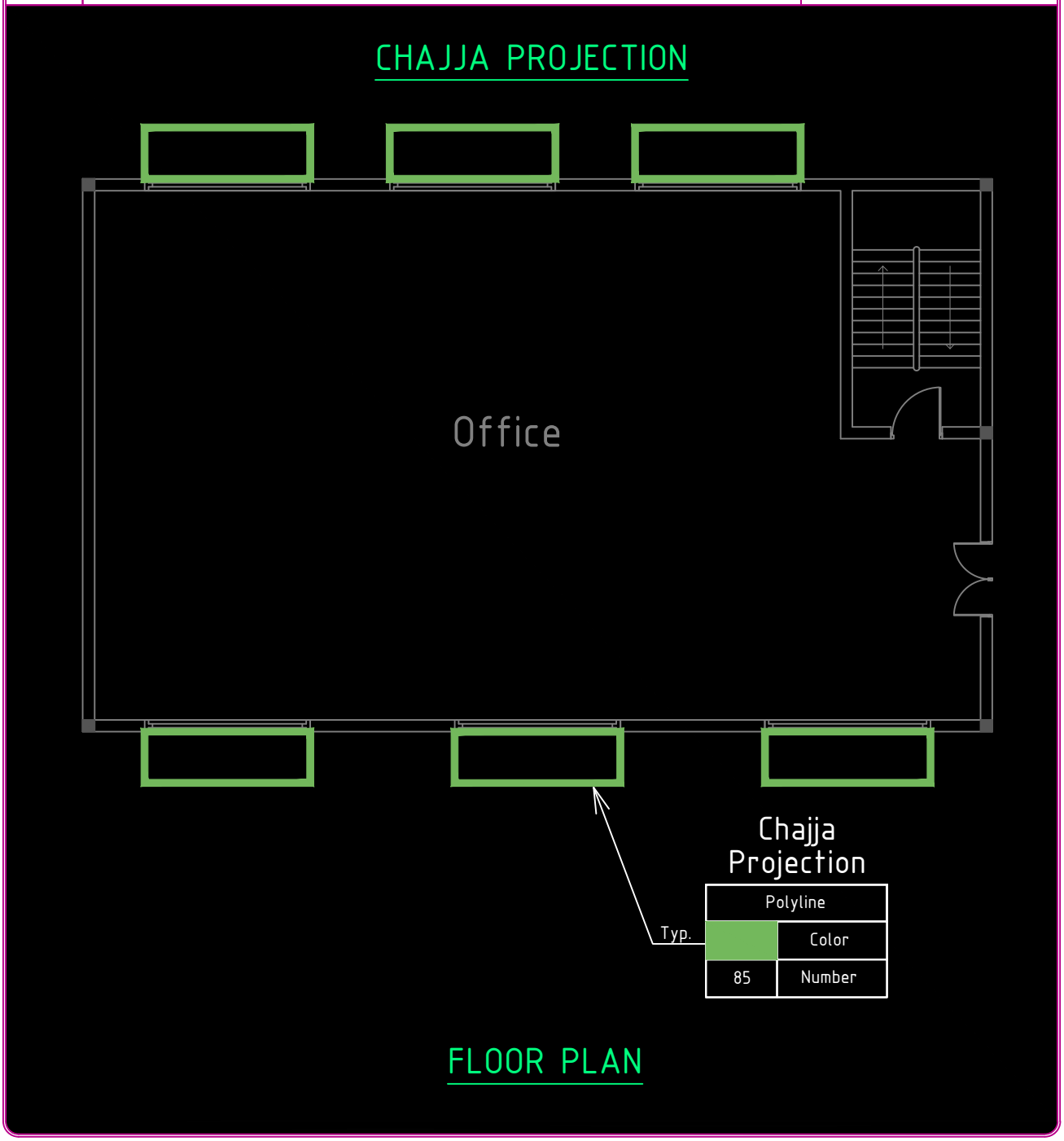
S.No	Description	Layer
35	Cupboard shall be drawn as Polyline in Color No. 163 outside FAR Color Polyline.	Applicable Floor Layer



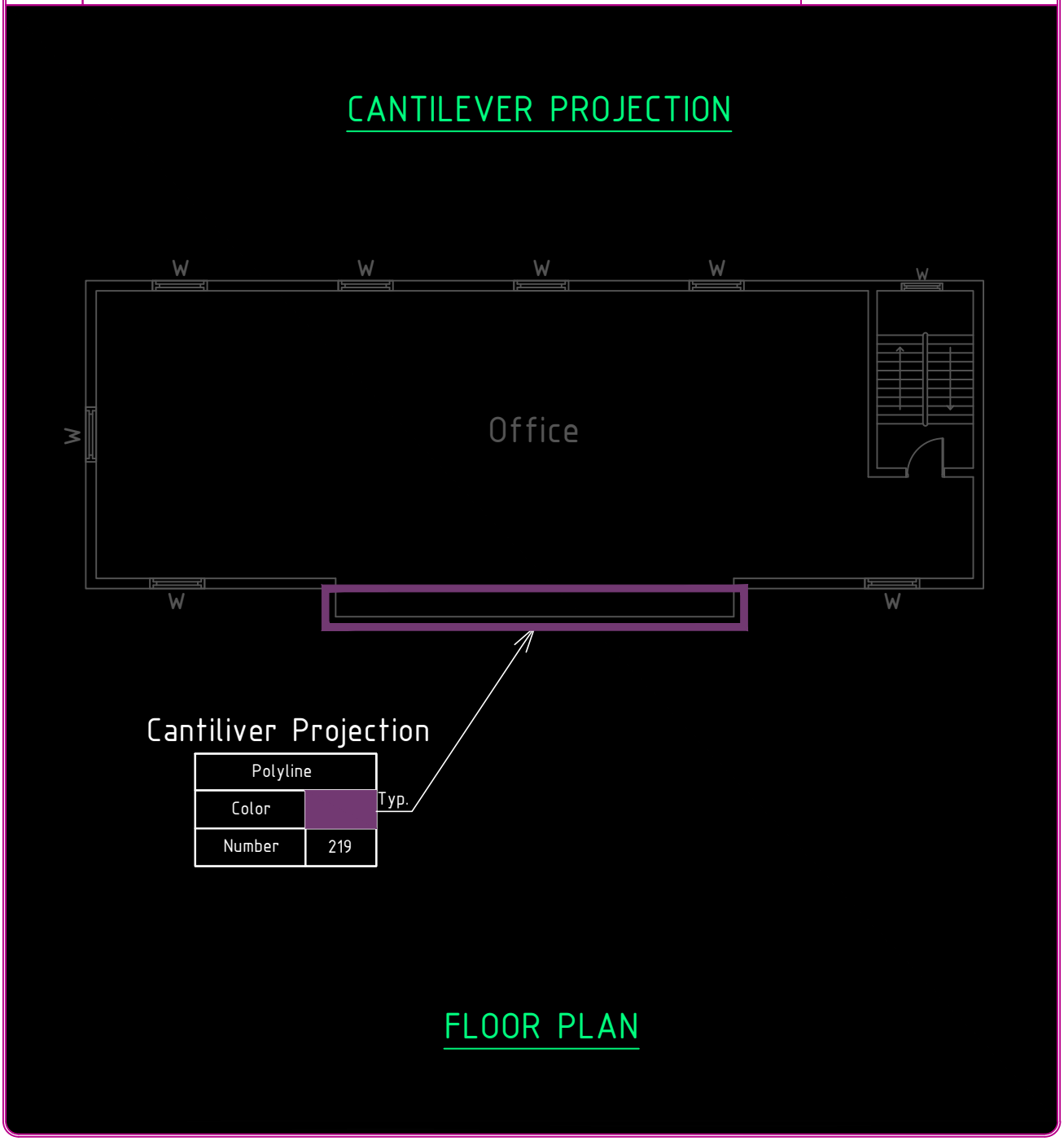
S.No	Description	Layer
36	Bay Window shall be drawn as Polyline in Color No. 162 outside the FAR Color Polyline.	Applicable Floor Layer



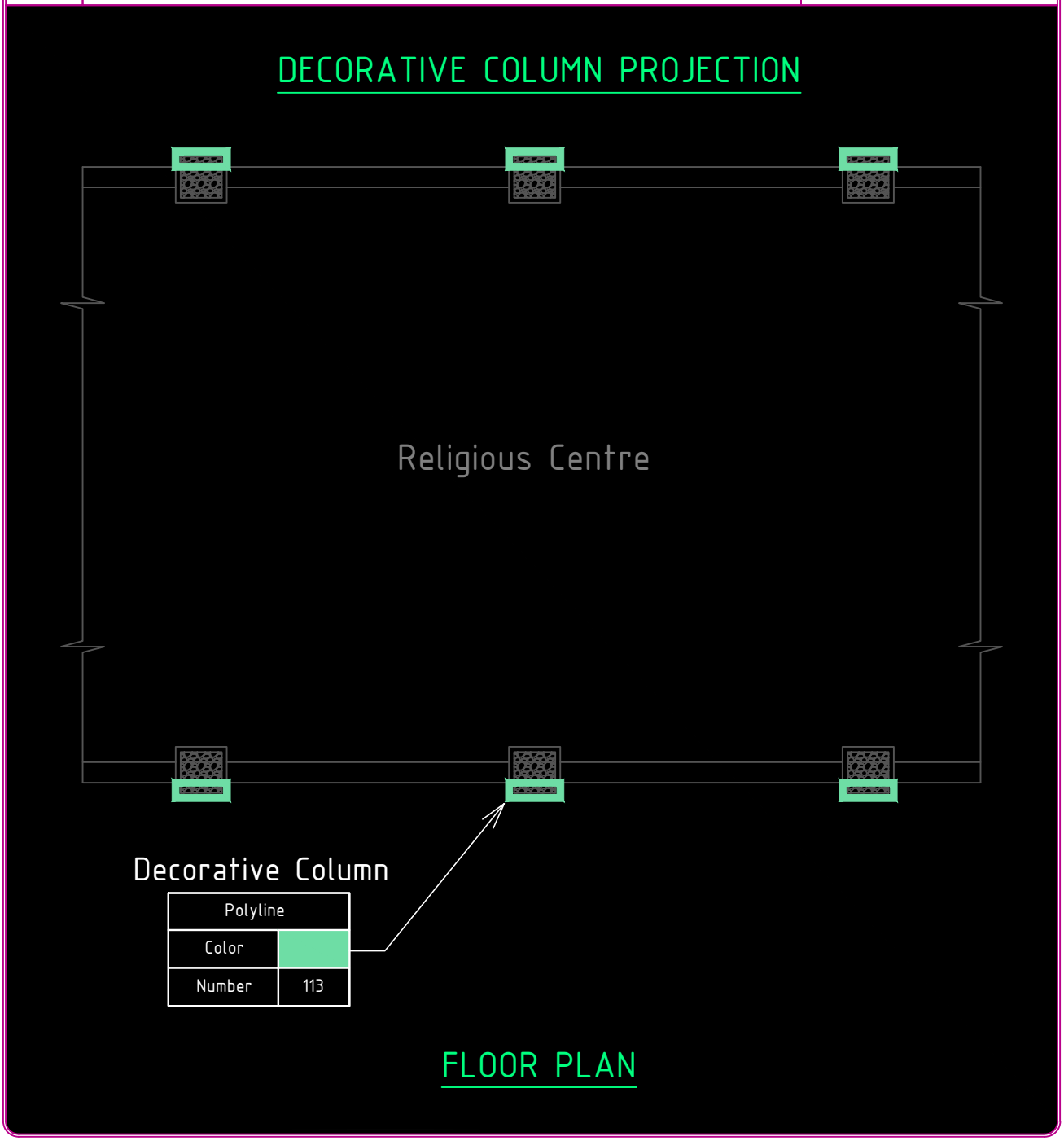
S.No	Description	Layer
37	Chajja Projection shall be drawn as Polyline in Color No. 85 outside the FAR Color Polyline.	Applicable Floor Layer



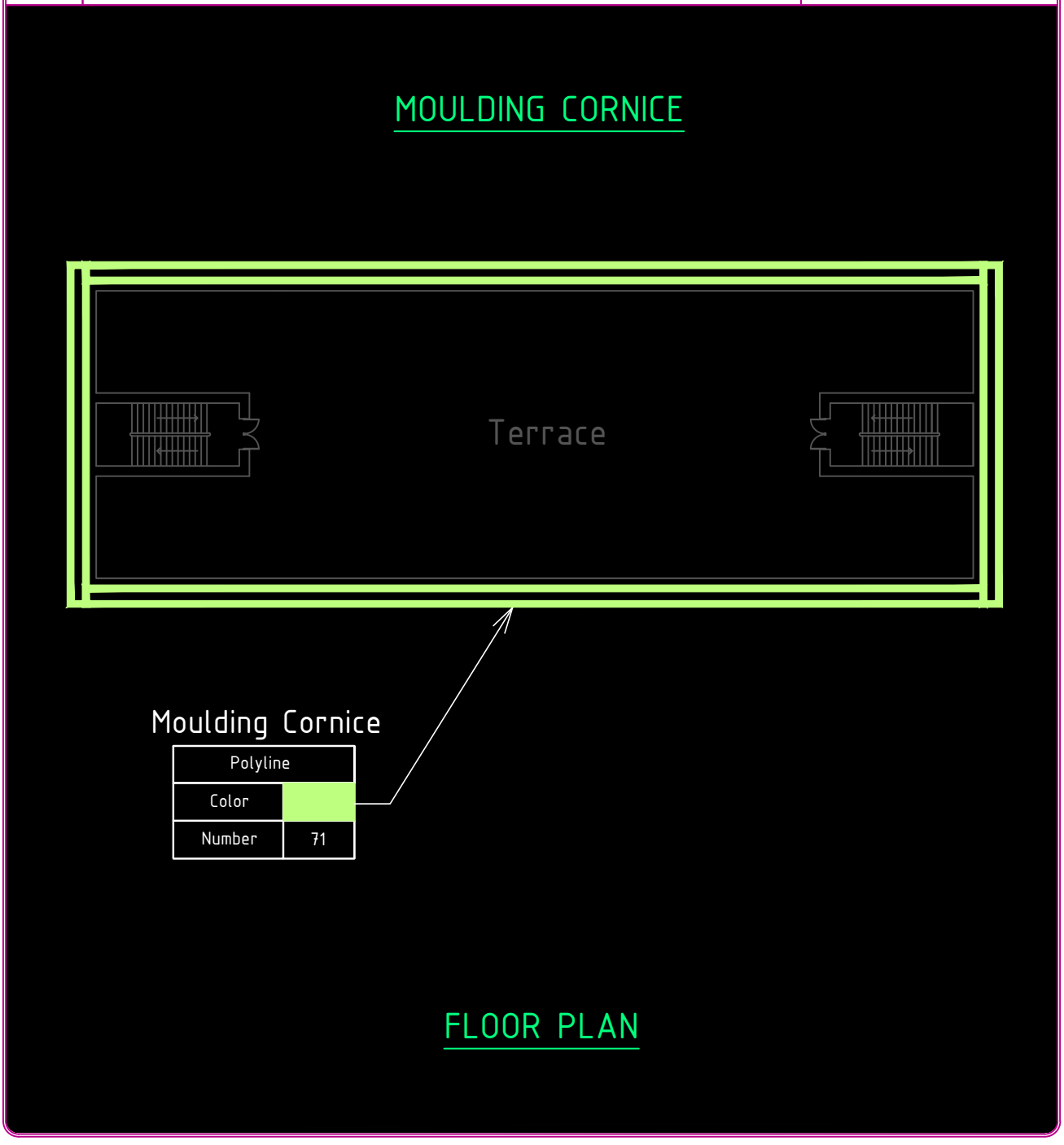
S.No	Description	Layer
38	Cantilever Projection shall be drawn as Polyline in Color No. 219 outside the FAR Color Polyline.	Applicable Floor Layer



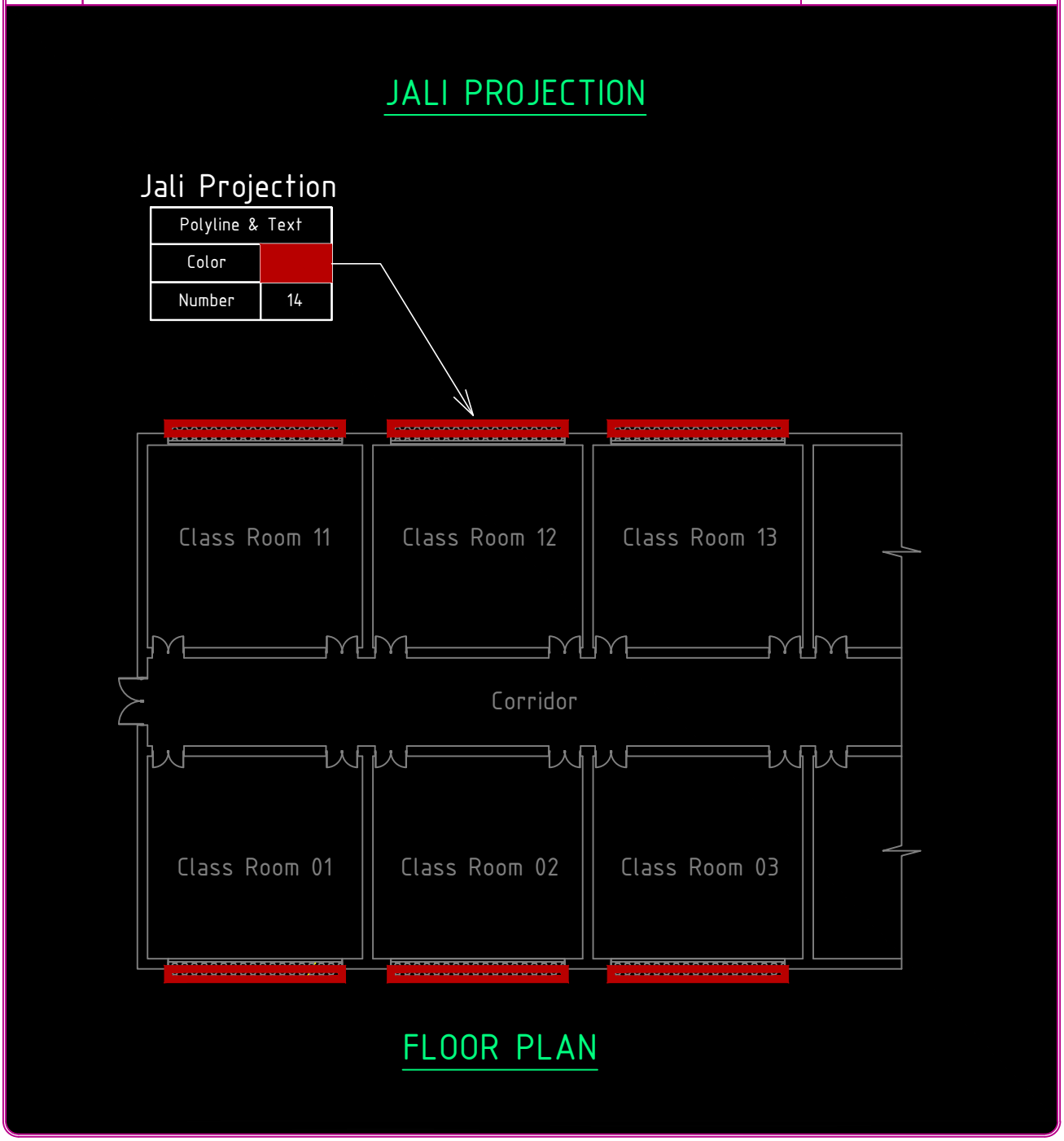
S.No	Description	Layer
39	Decorative Column shall be drawn as Polyline in Color No. 113 outside the FAR Color Polyline.	Applicable Floor Layer



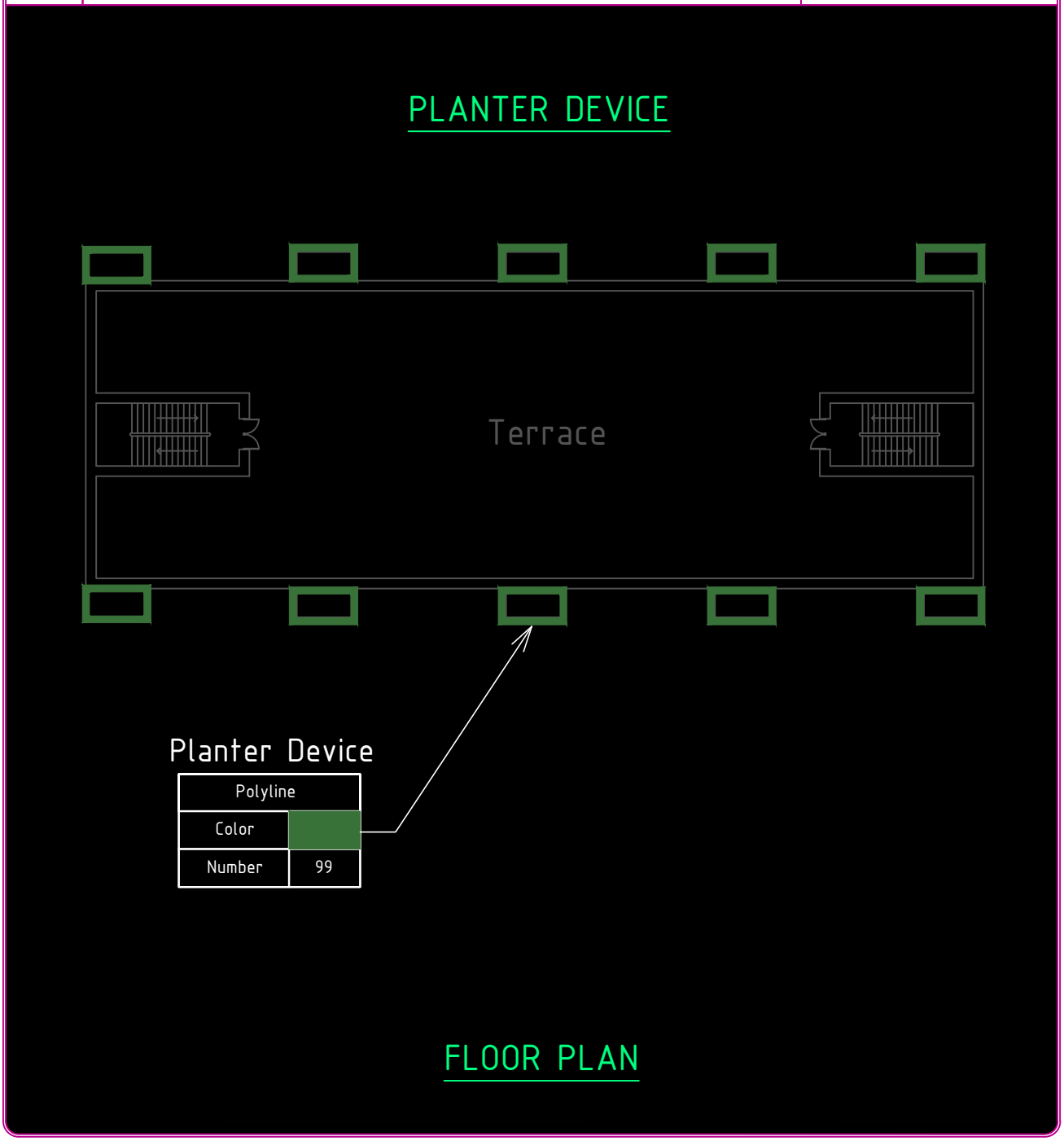
S.No	Description	Layer
40	Moulding Cornice shall be drawn as Polyline in Color No. 71 outside the FAR Color Polyline.	Applicable Floor Layer



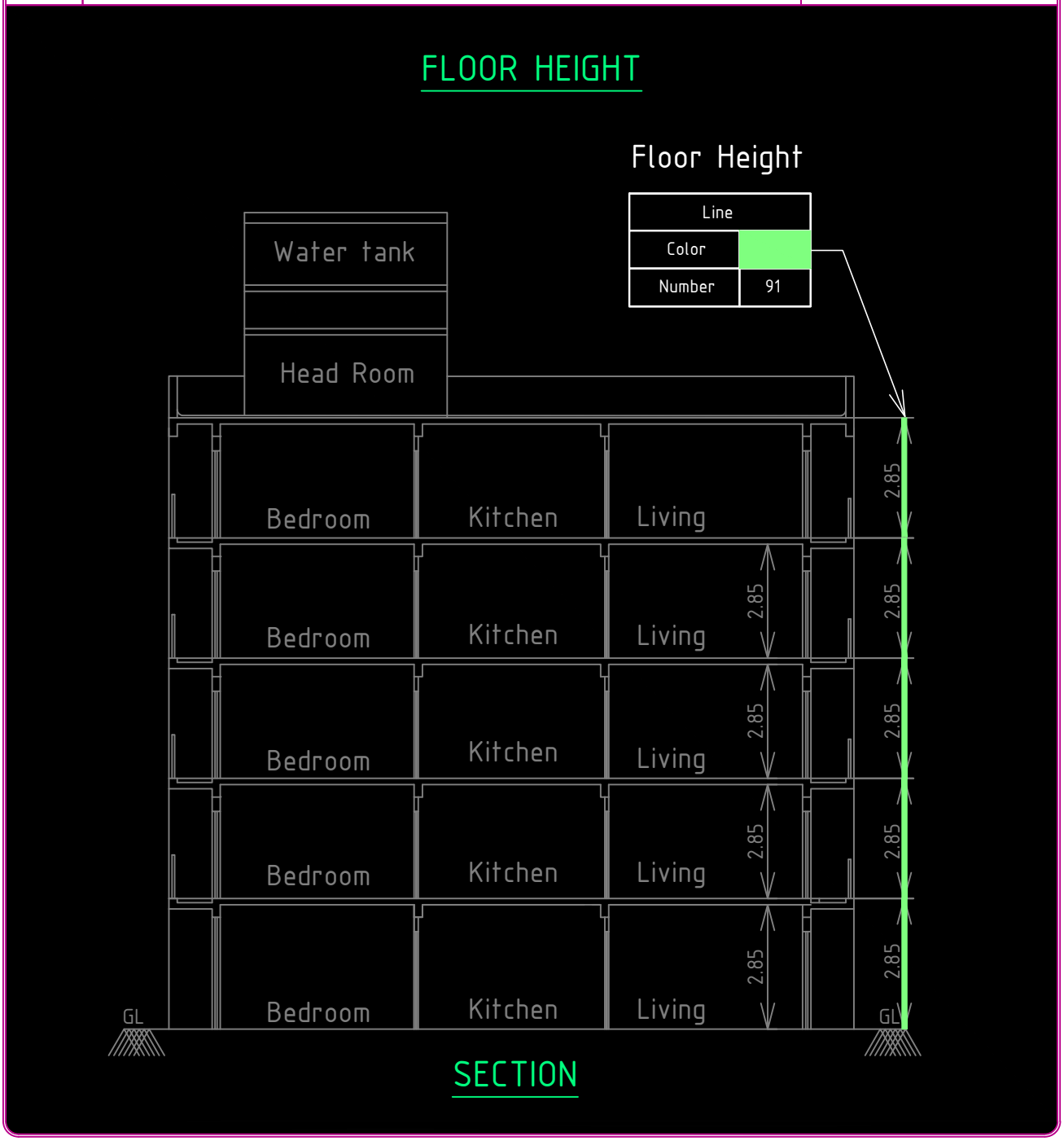
S.No	Description	Layer
41	Jali Projection shall be drawn as Polyline in Color No. 14 outside the FAR Color Polyline.	Applicable Floor Layer



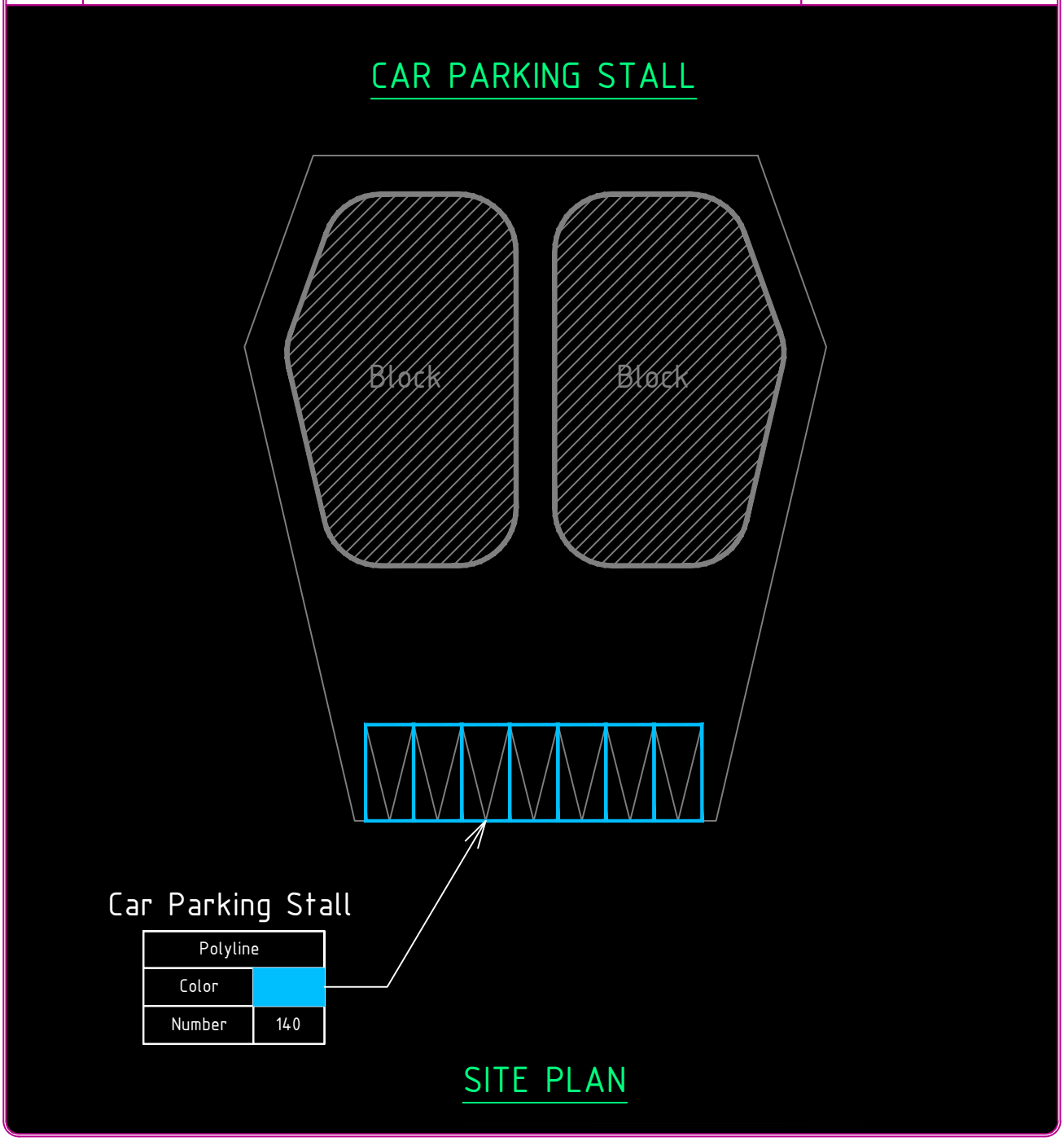
S.No	Description	Layer
42	Planter Device shall be drawn as Polyline in Color No. 99 outside the FAR Color Polyline.	Applicable Floor Layer



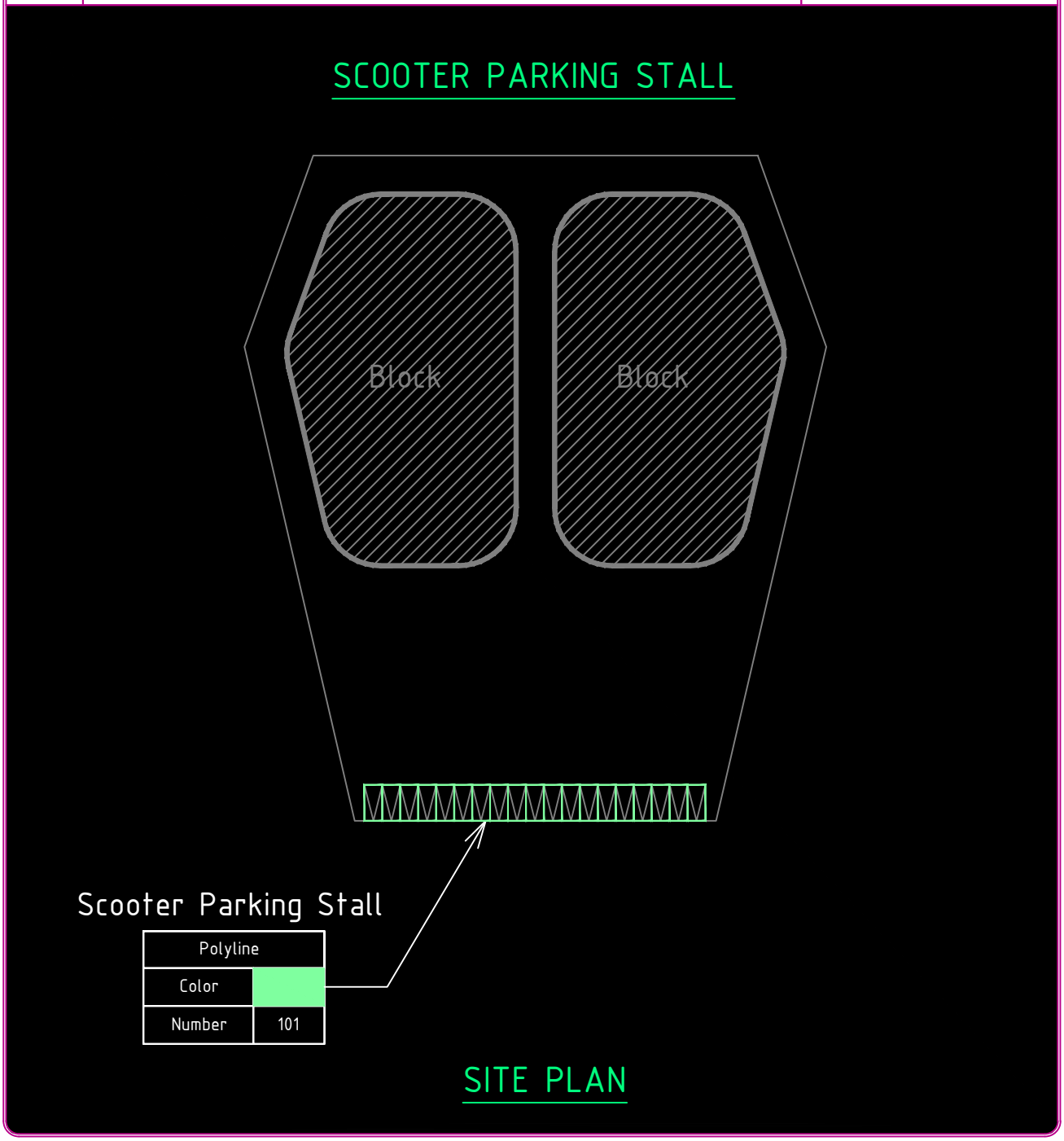
S.No	Description	Layer
43	Floor Height shall be drawn as line in Color No. 91.	Applicable Floor Layer



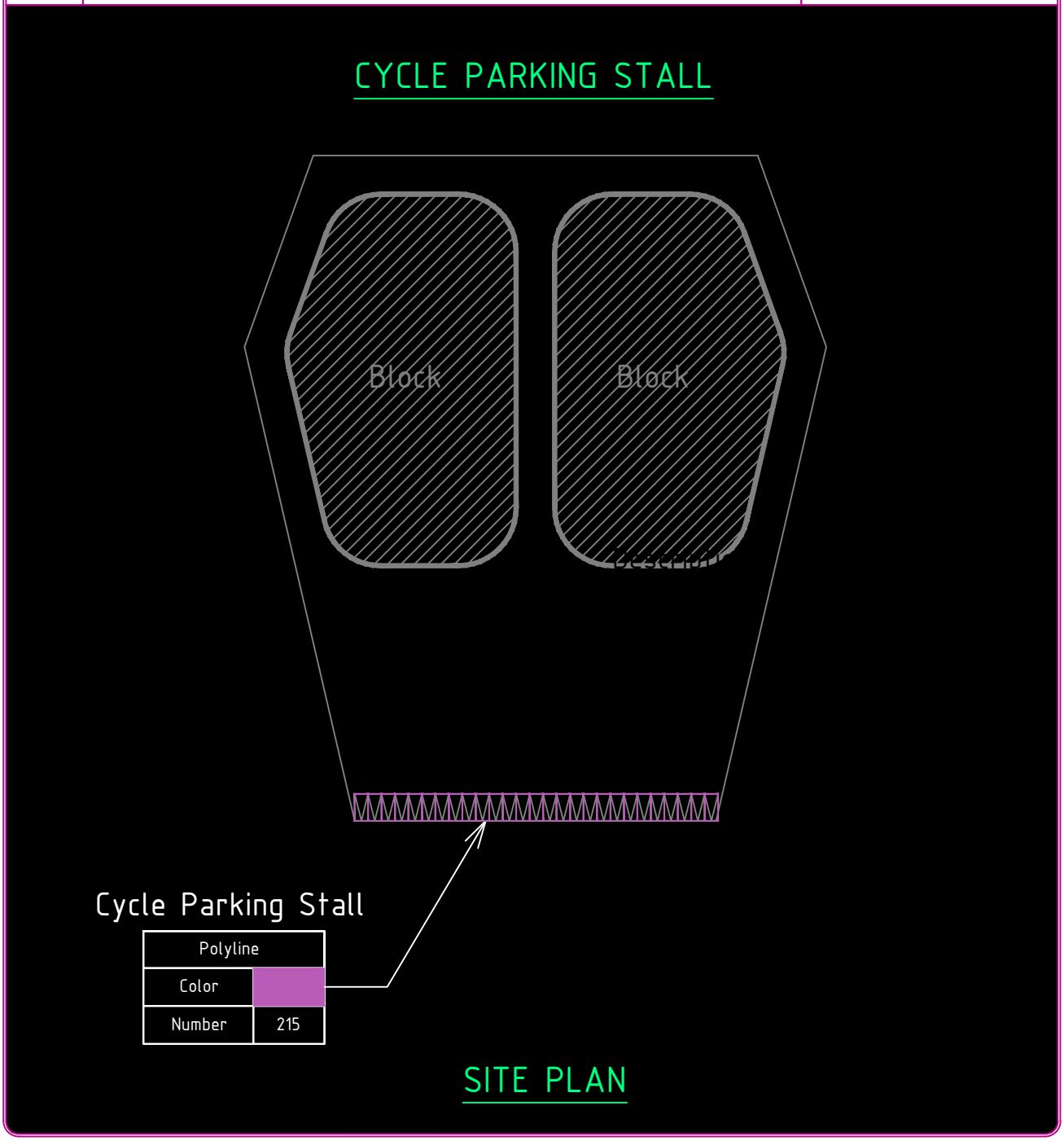
S.No	Description	Layer
44	Car Parking Stall shall be drawn as Polyline in Color No. 140.	Applicable Floor Layer



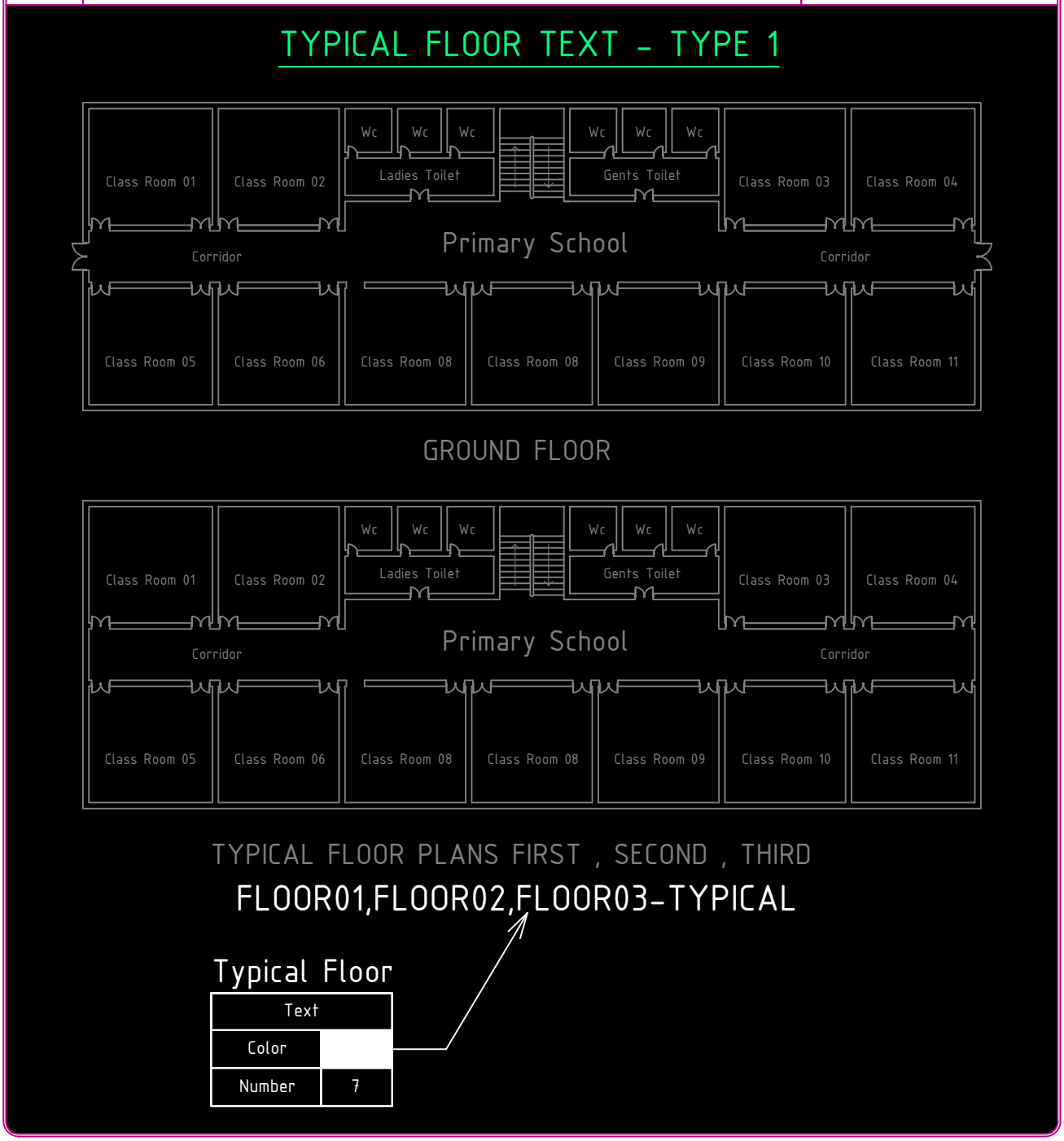
S.No	Description	Layer
45	Scooter Parking Stall shall be drawn as Polyline in Color No. 101.	Applicable Floor Layer



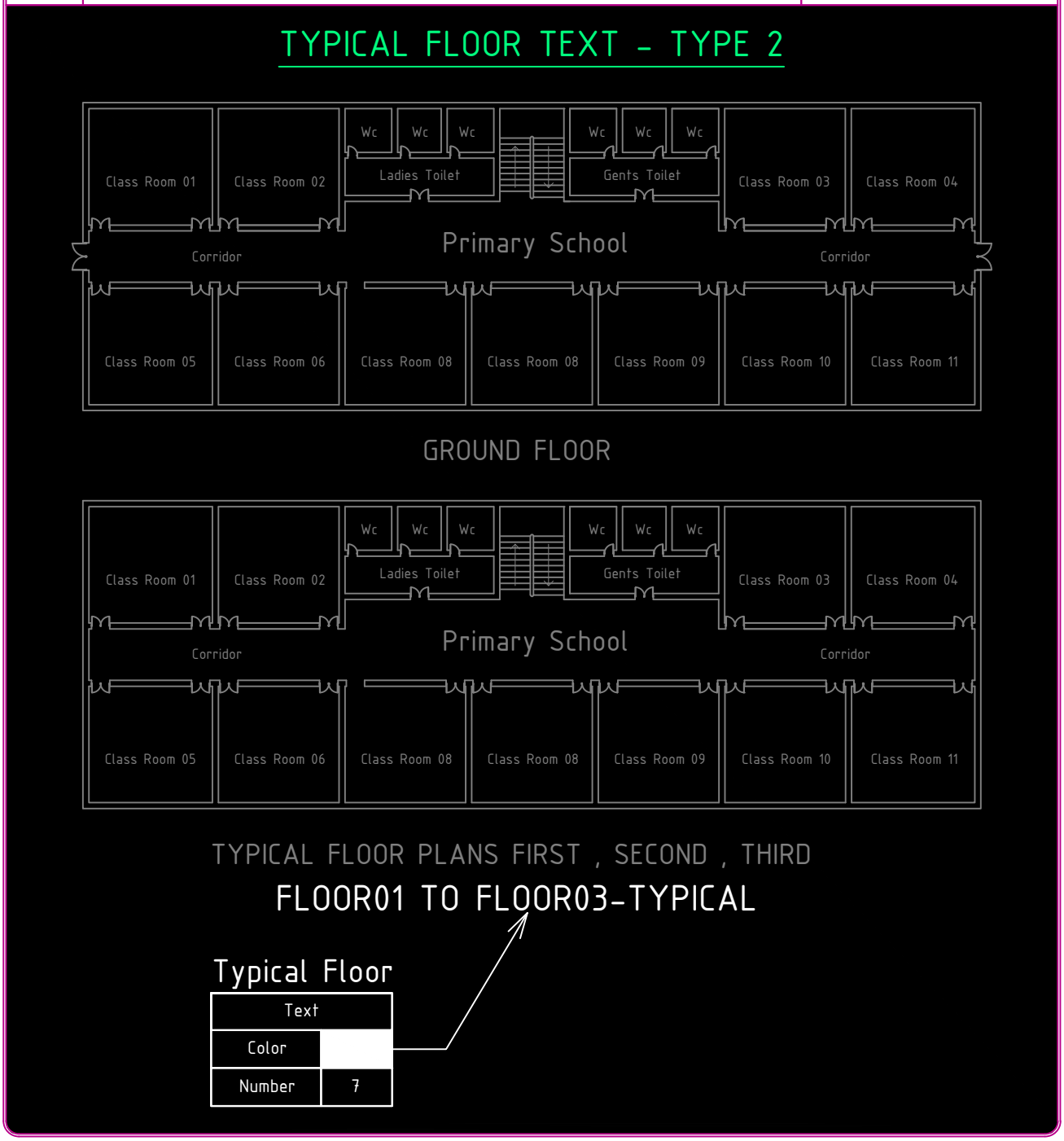
S.No	Description	Layer
46	Cycle Parking Stall Stall shall be drawn as Polyline in Color No. 215.	Applicable Floor Layer



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



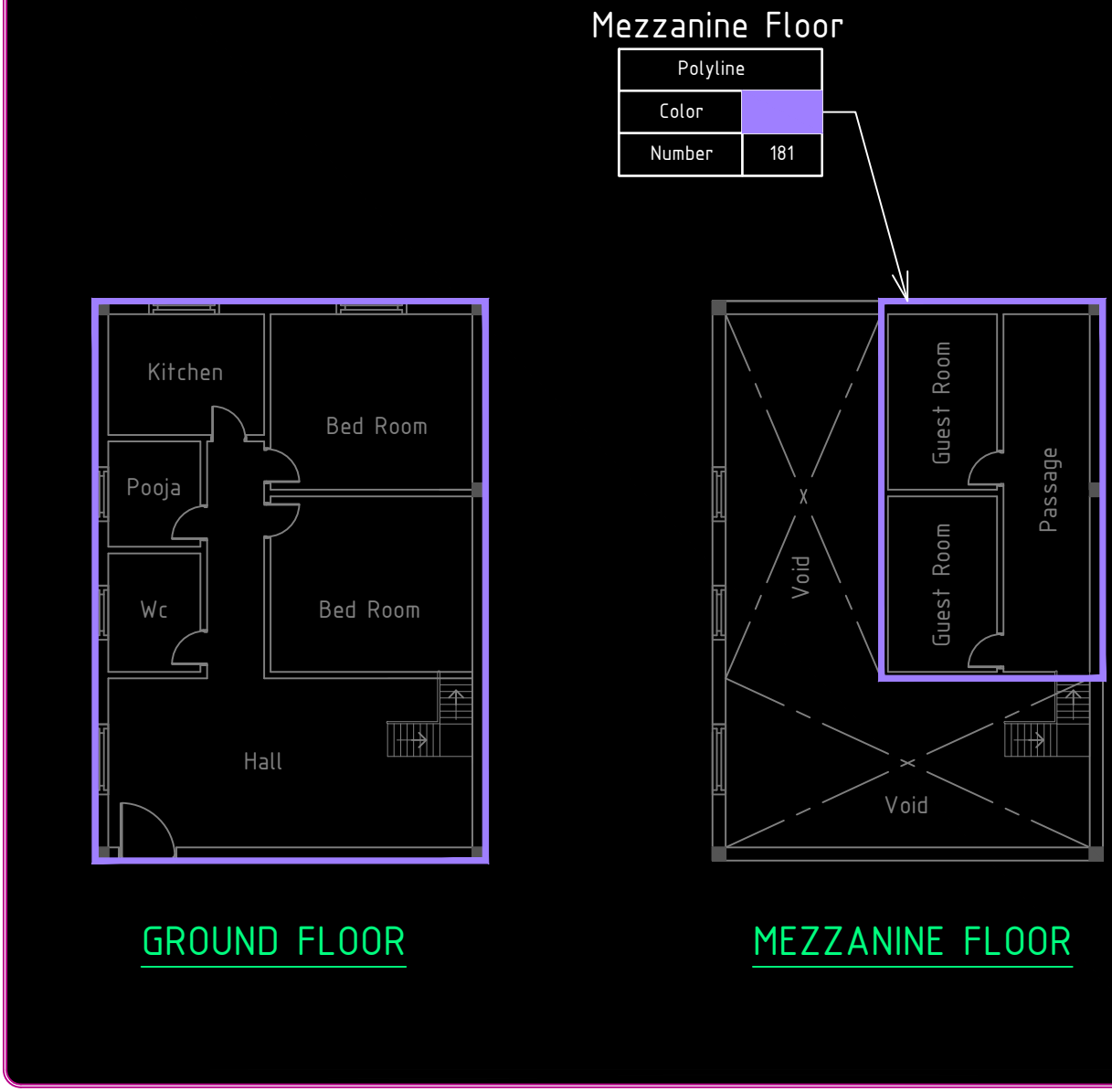
S.No	Description	Layer
48	Typical Floor Text Shall be Provided in Color No. 7. Note: Typical text should be kept in the starting floor layer as per below sample Floor01 to Floor03 Typical. Text should be in FLOOR01 Layer.	Applicable Floor Layer



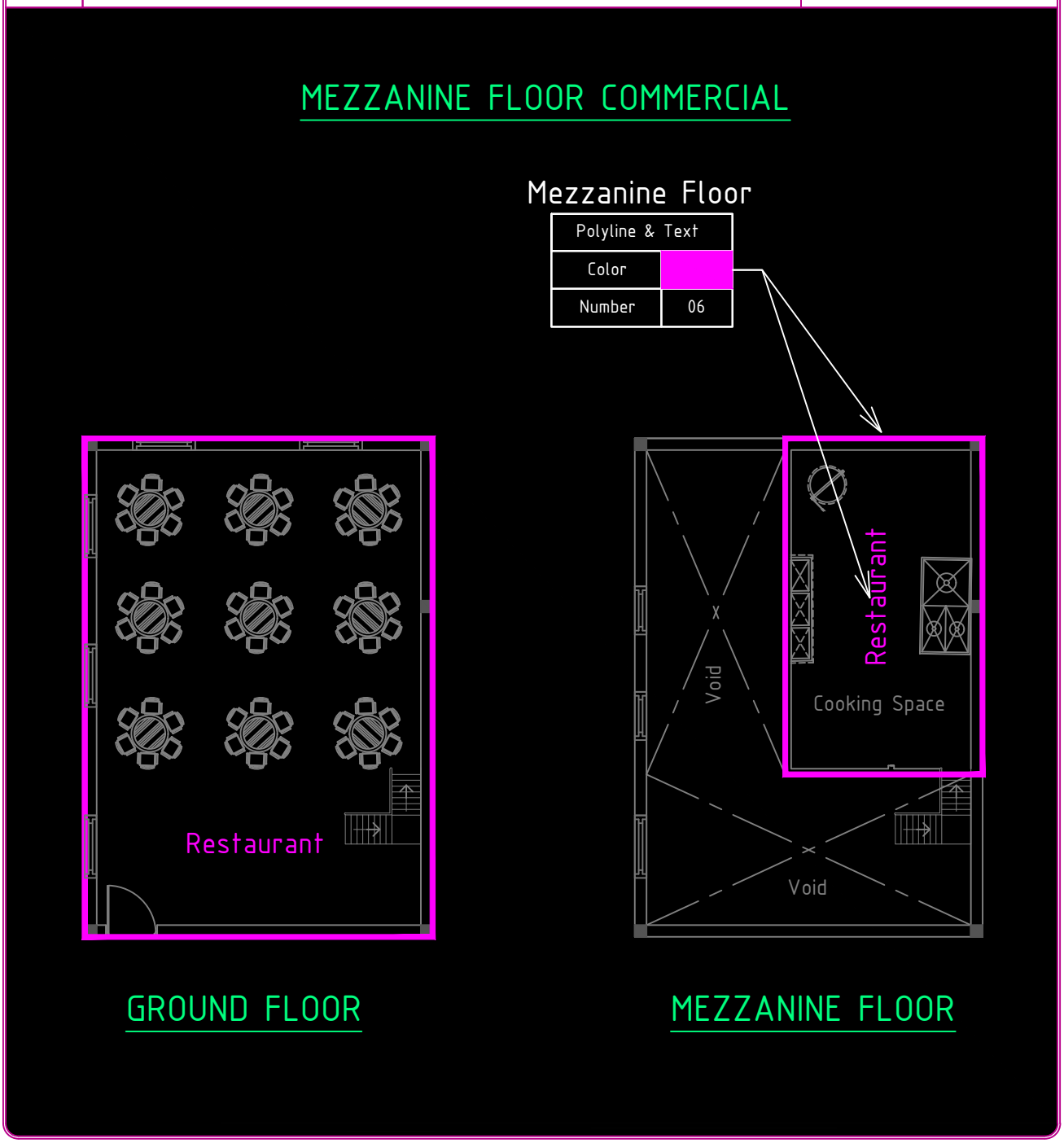
14.3 OBJECTS TO BE DRAWN IN FLOOR-SERVICE (OR) FLOOR-MFGROUNDTO01 (OR) FLOOR-TERRACE

S.No	Description	Layer
1	Mezzanine floor polyline shall be drawn in the respective Mezzanine floor layer, which shall be given as FLOOR-MFGROUNDT001, if it is between Ground floor (FLOOR-GROUND) to First Floor (FLOOR01).	In the same layer as that of the Mezzanine floor

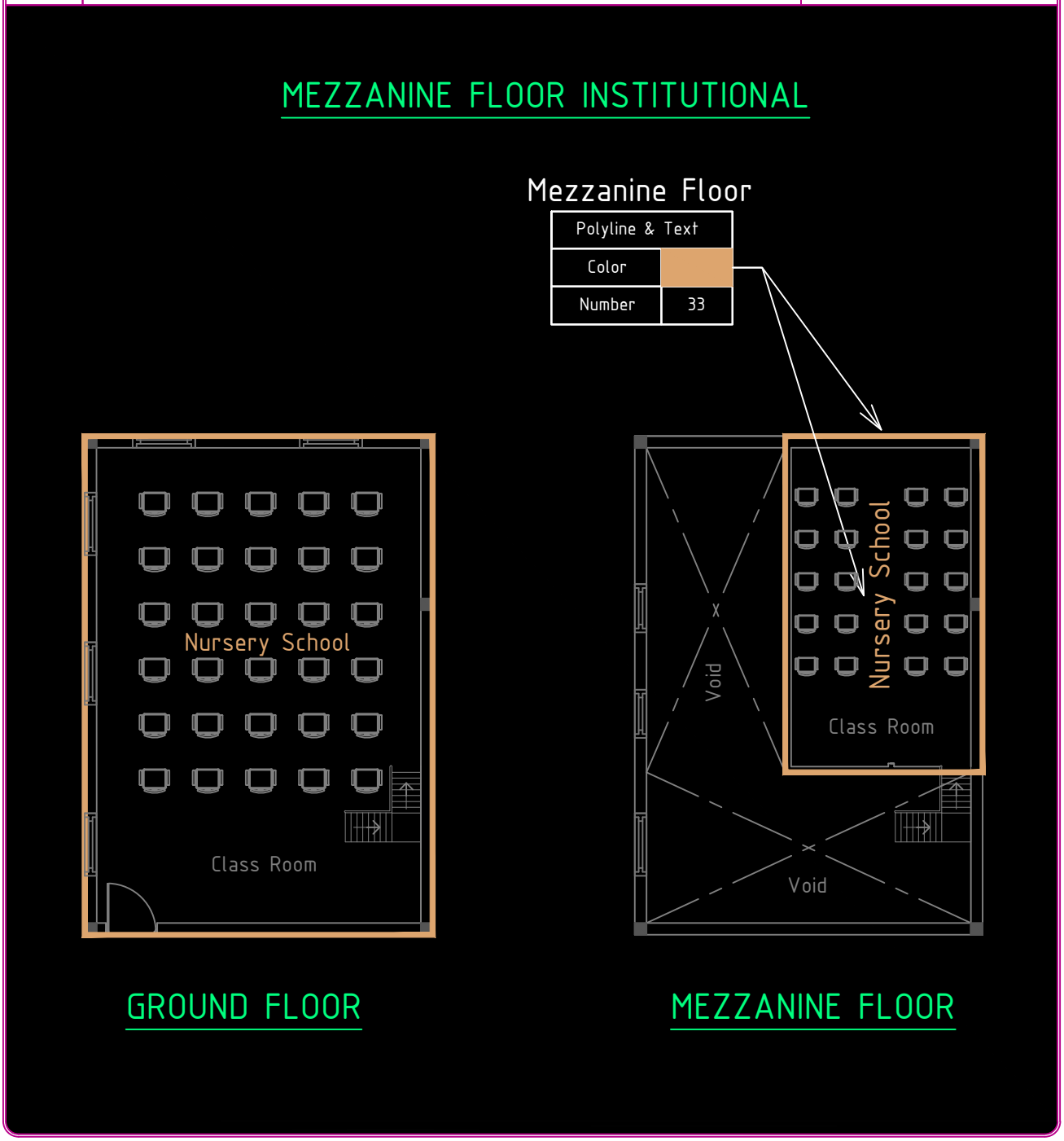
MEZZANINE FLOOR RESIDENTIAL



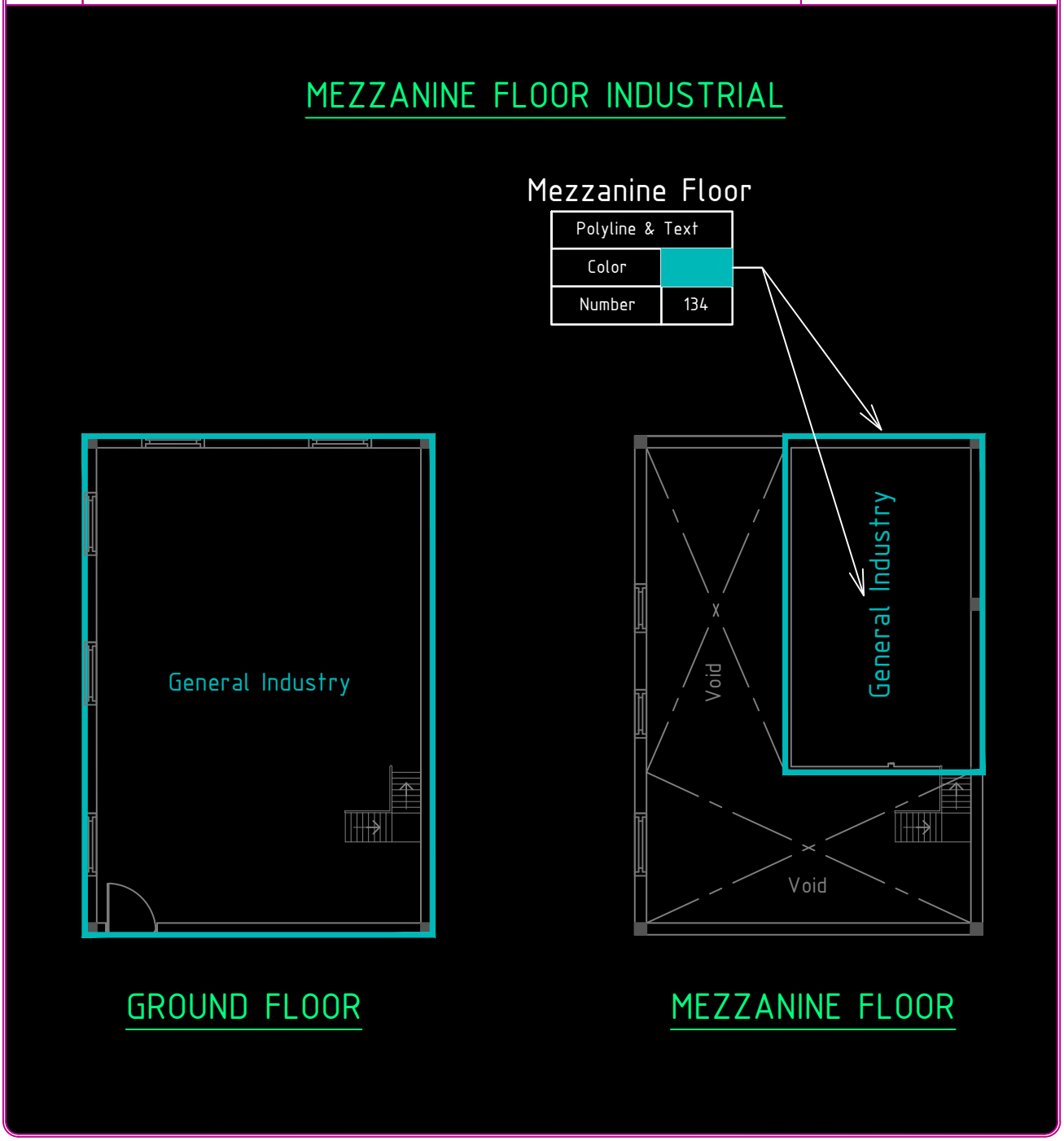
S.No	Description	Layer
2	Mezzanine floor polyline shall be drawn in the respective Mezzanine floor layer, which shall be given as FLOOR-MFGROUNDT001, if it is between Ground floor (FLOOR-GROUND) to First Floor (FLOOR01).	In the same layer as that of the Mezzanine Floor



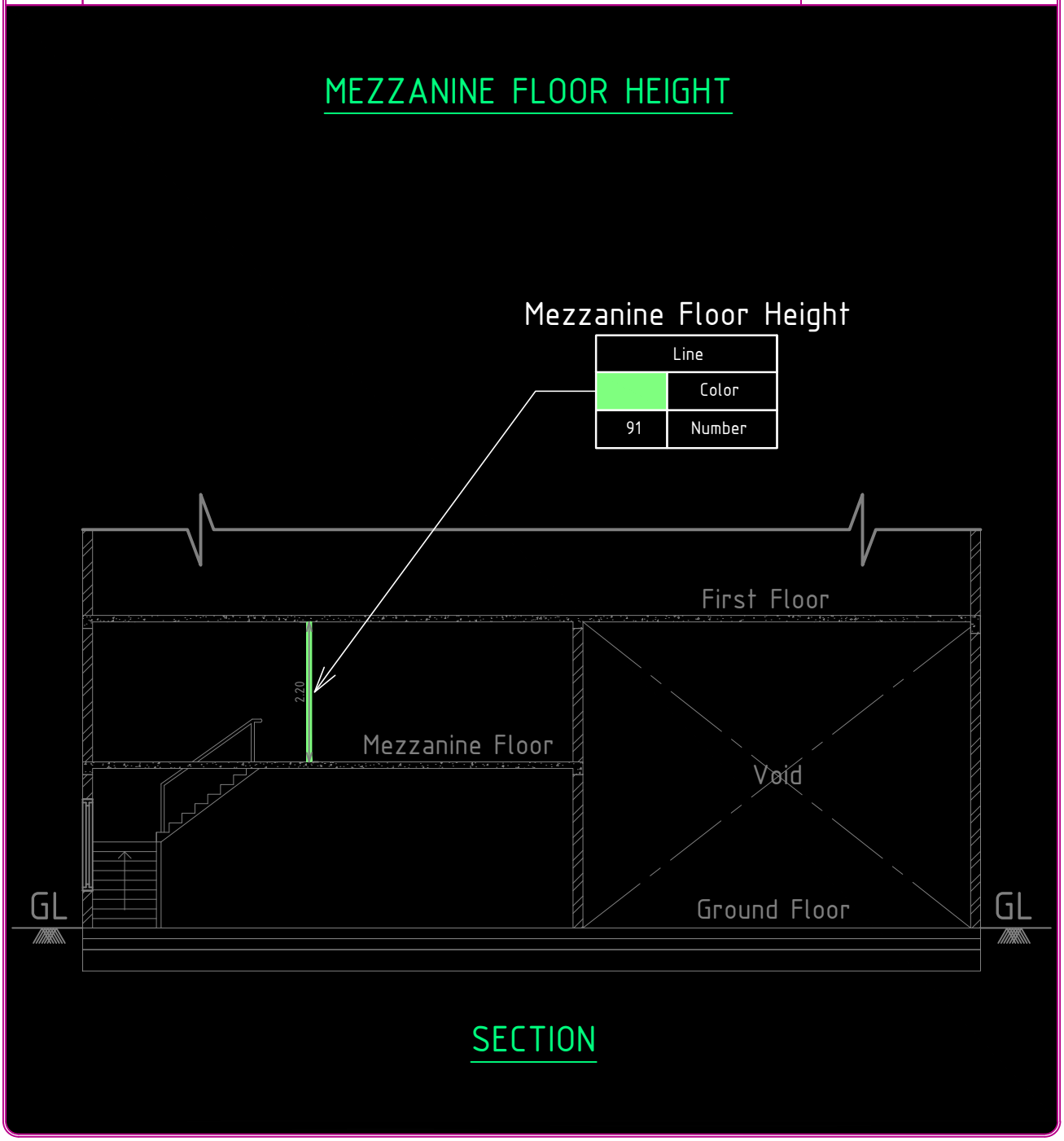
S.No	Description	Layer
3	Mezzanine floor polyline shall be drawn in the respective Mezzanine floor layer, which shall be given as FLOOR-MFGROUNDT001, if it is between Ground floor (FLOOR-GROUND) to First Floor (FLOOR01).	In the same layer as that of the Mezzanine floor



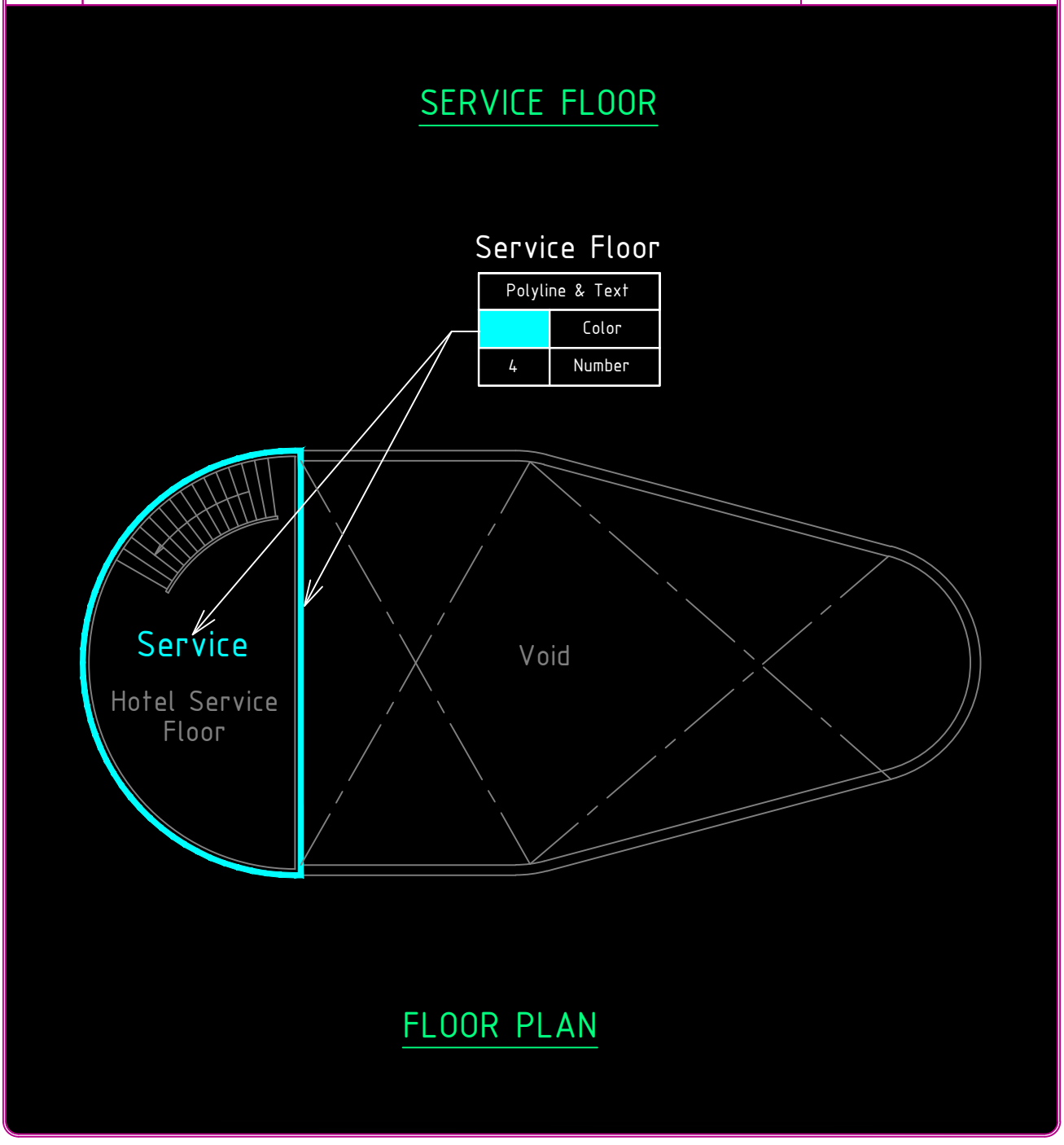
S.No	Description	Layer
4	Mezzanine floor polyline shall be drawn in the respective Mezzanine floor layer, which shall be given as FLOOR-MFGROUNDT001, if it is between Ground floor (FLOOR-GROUND) to First Floor (FLOOR01).	In the same layer as that of the Mezzanine floor



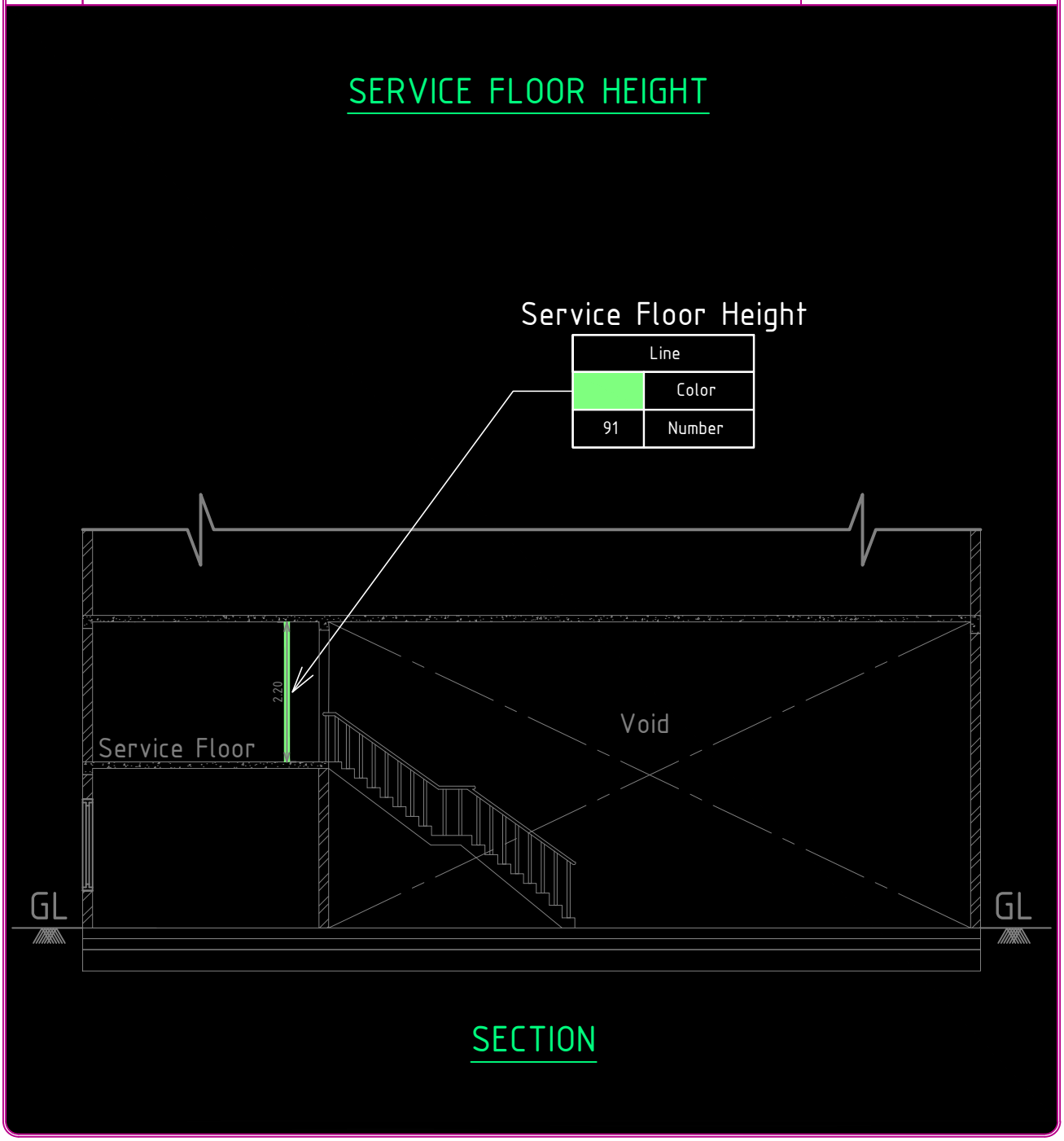
S.No	Description	Layer
5	Mezzanine floor height shall be drawn as line in Color No. 91.	In the same layer as that of the Mezzanine floor



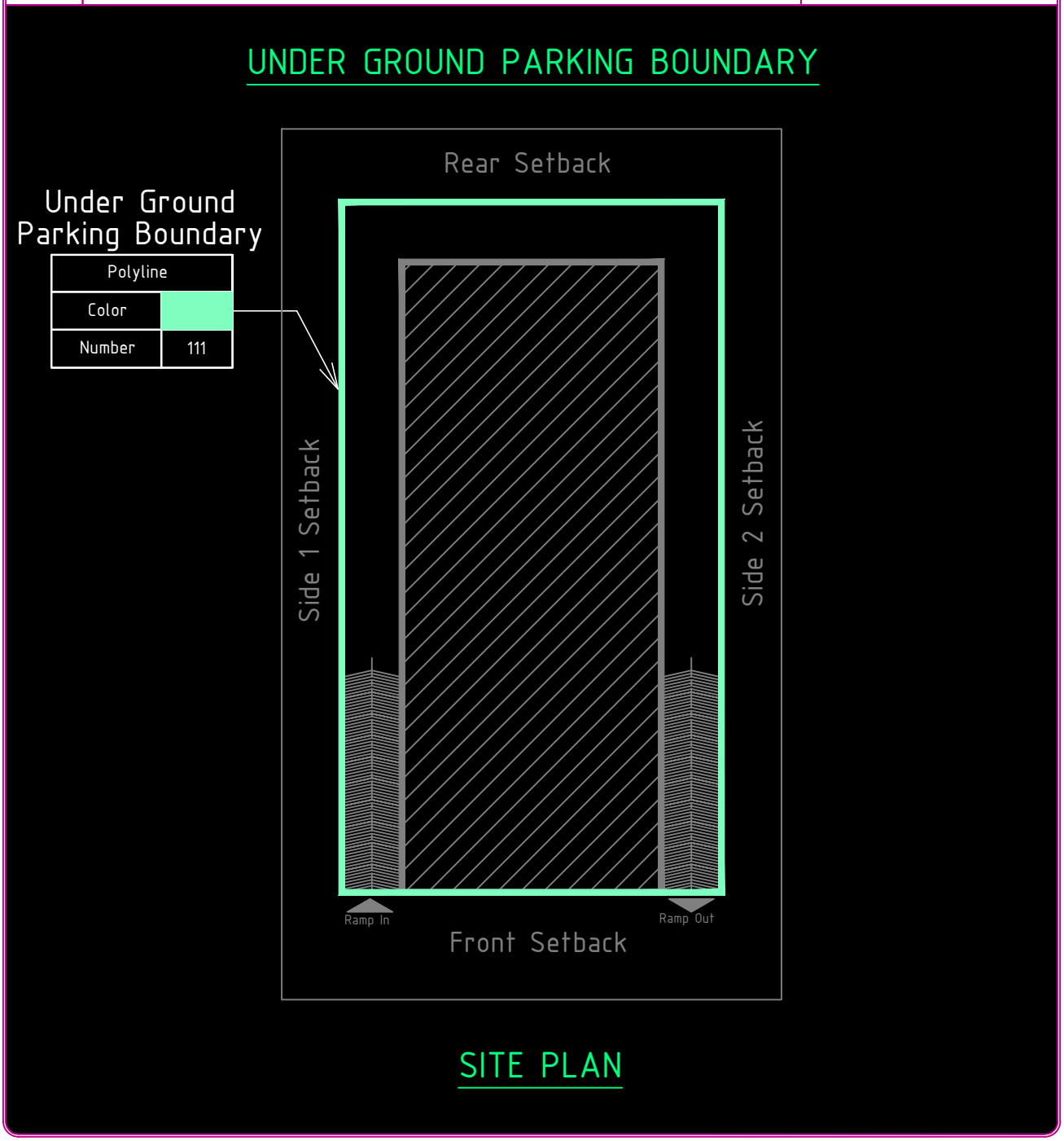
S.No	Description	Layer
6	Service floor polyline shall be drawn in the respective Service floor layer, which shall be given as FLOOR-SFGROUNDT001, if it is between Ground floor (FLOOR-GROUND) to First Floor (FLOOR01).	In the same layer as that of the Service floor



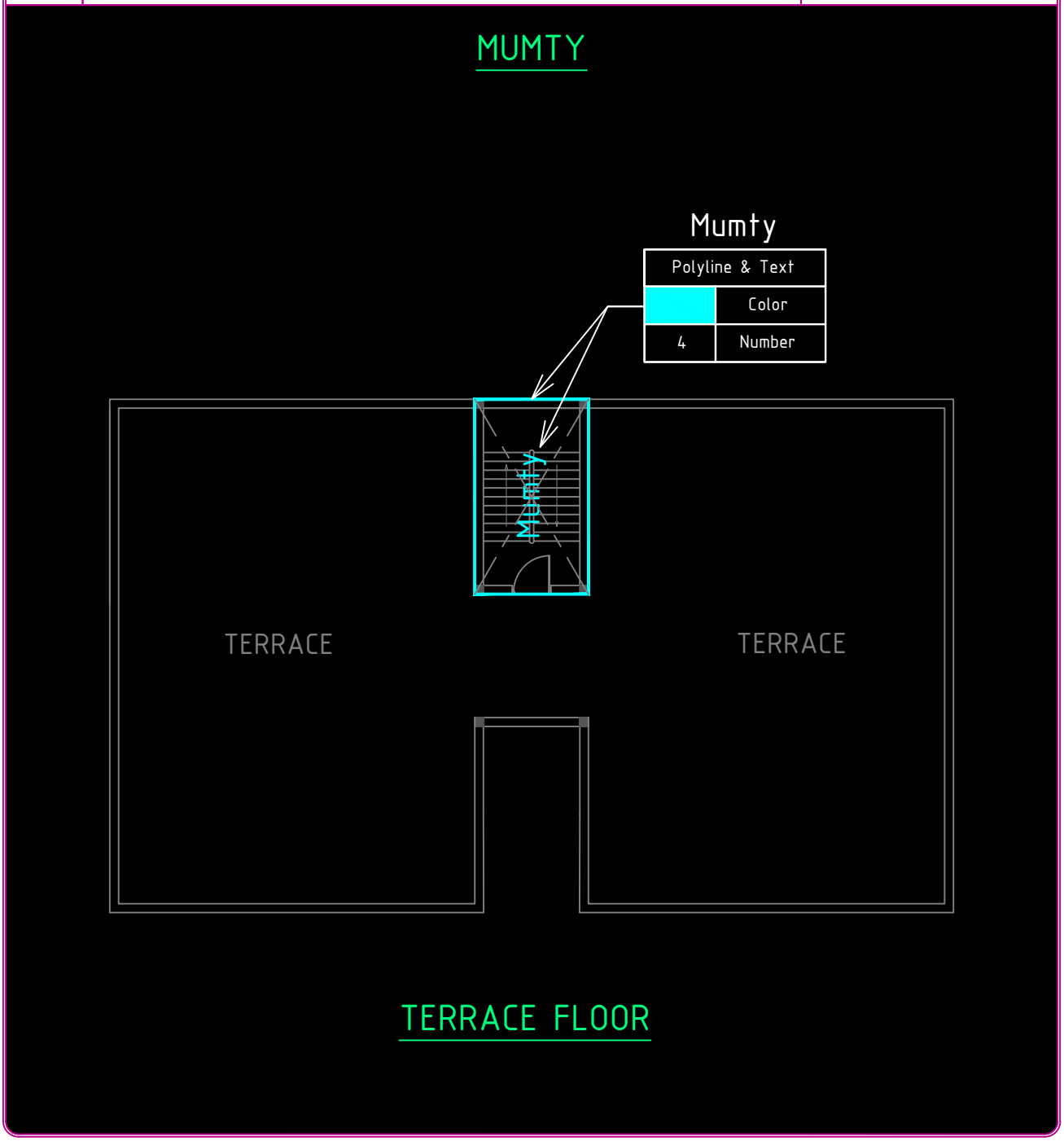
S.No	Description	Layer
7	Service floor height shall be drawn as line in Color No. 91.	In the same layer as that of the Service floor



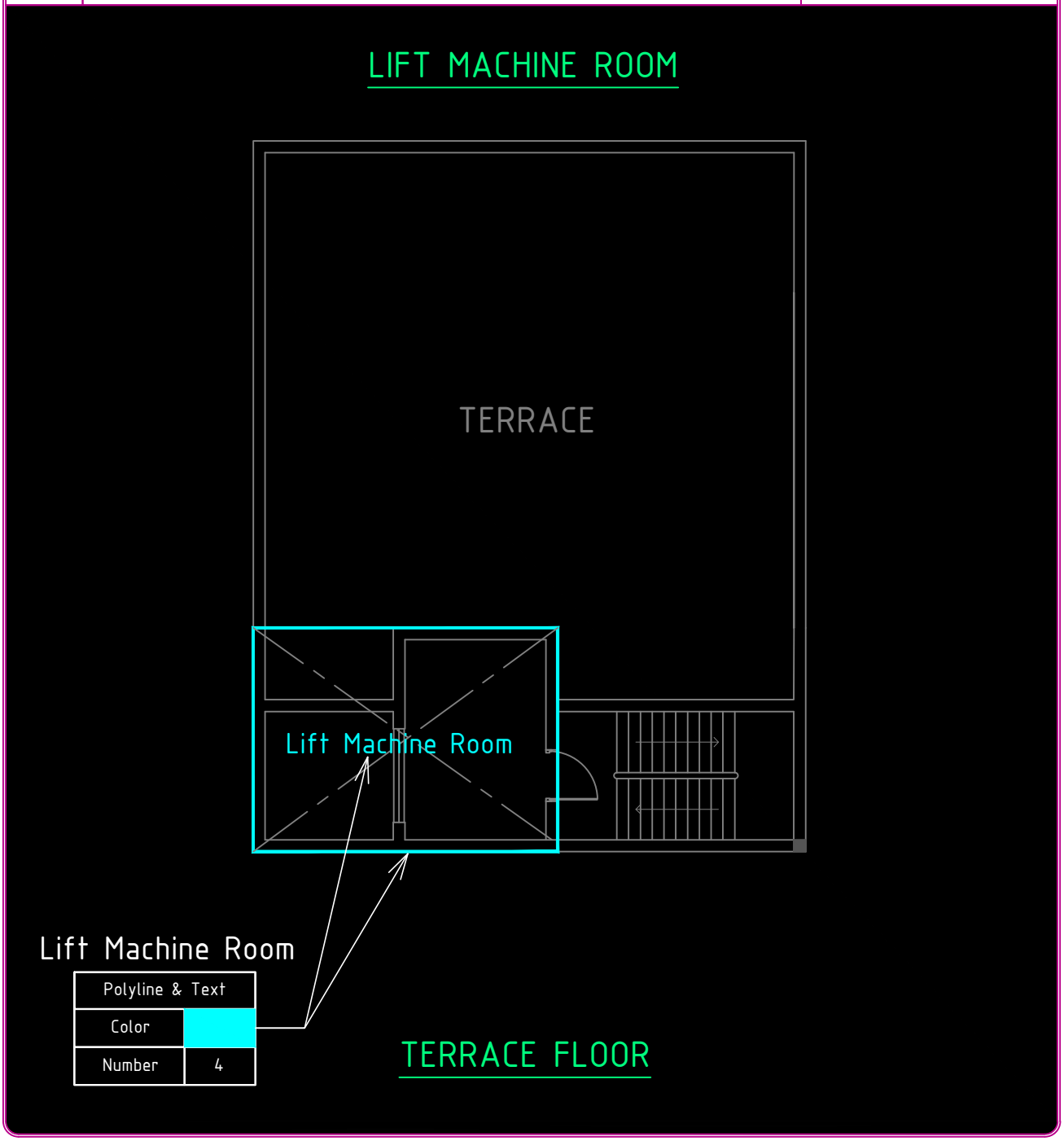
S.No	Description	Layer
8	Under Ground Parking Boundary shall be drawn as Polyline in Color No. 111. Note: It should be kept only in the Site Plan.	FLOOR-UNDER GROUND



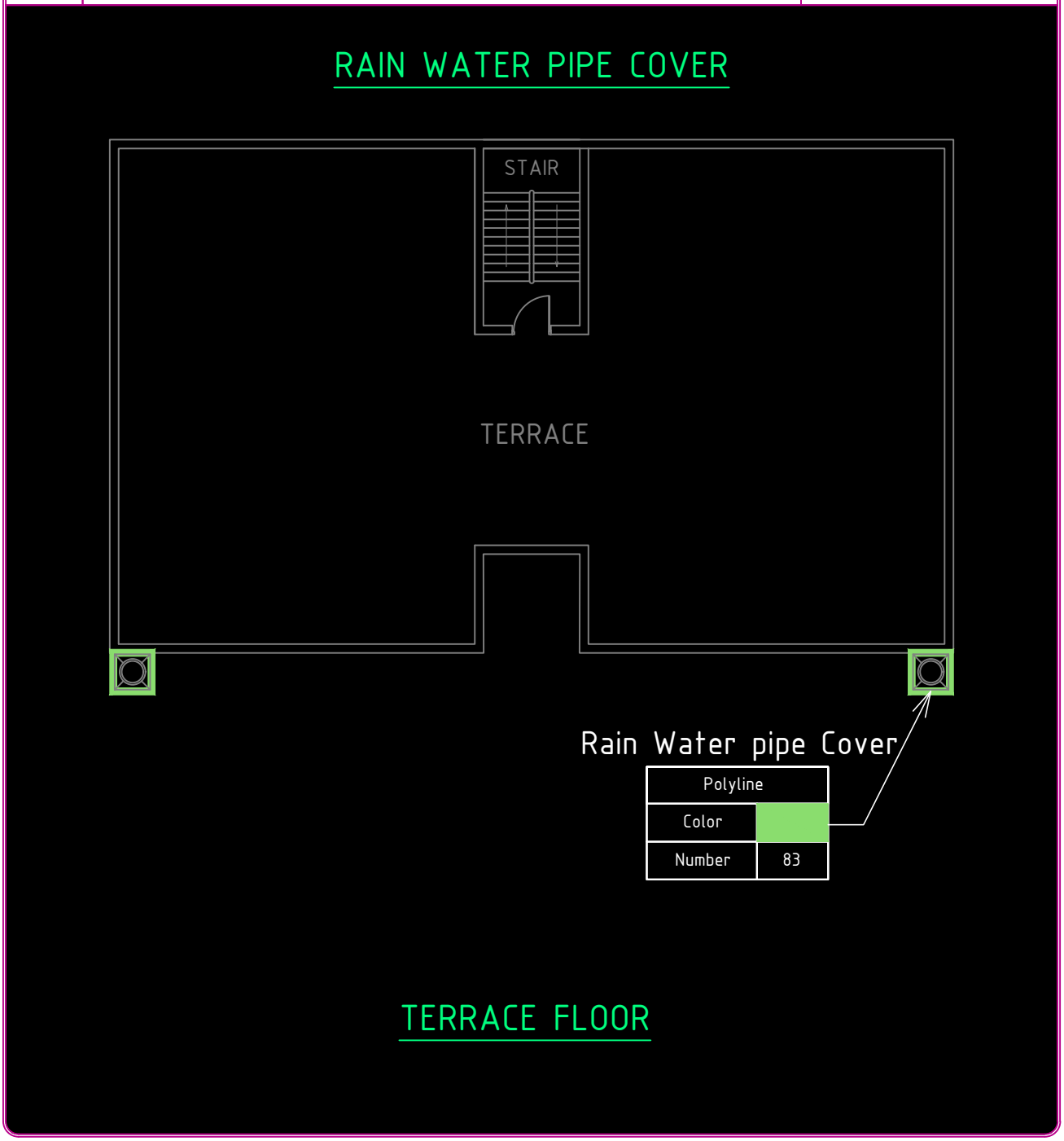
S.No	Description	Layer
9	Mumty shall be drawn as Polyline in Color No. 4 and text shall be placed inside the Polyine in the same color.	FLOOR-TERRACE



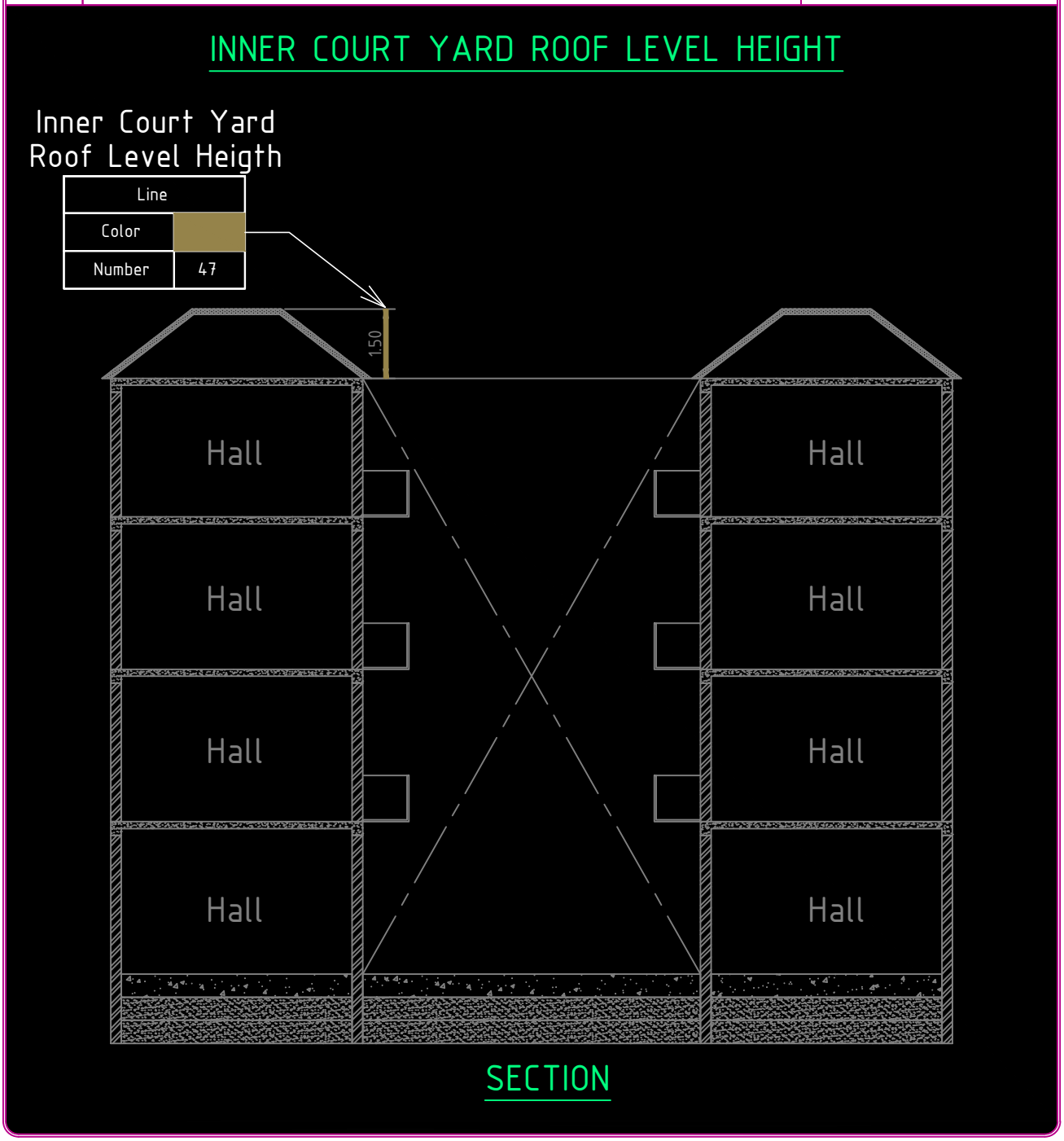
S.No	Description	Layer
10	Lift Machine Room shall be drawn as Polyline in Color No. 4 and text Shall be placed inside the Polyline in the same Color.	FLOOR-TERRACE



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



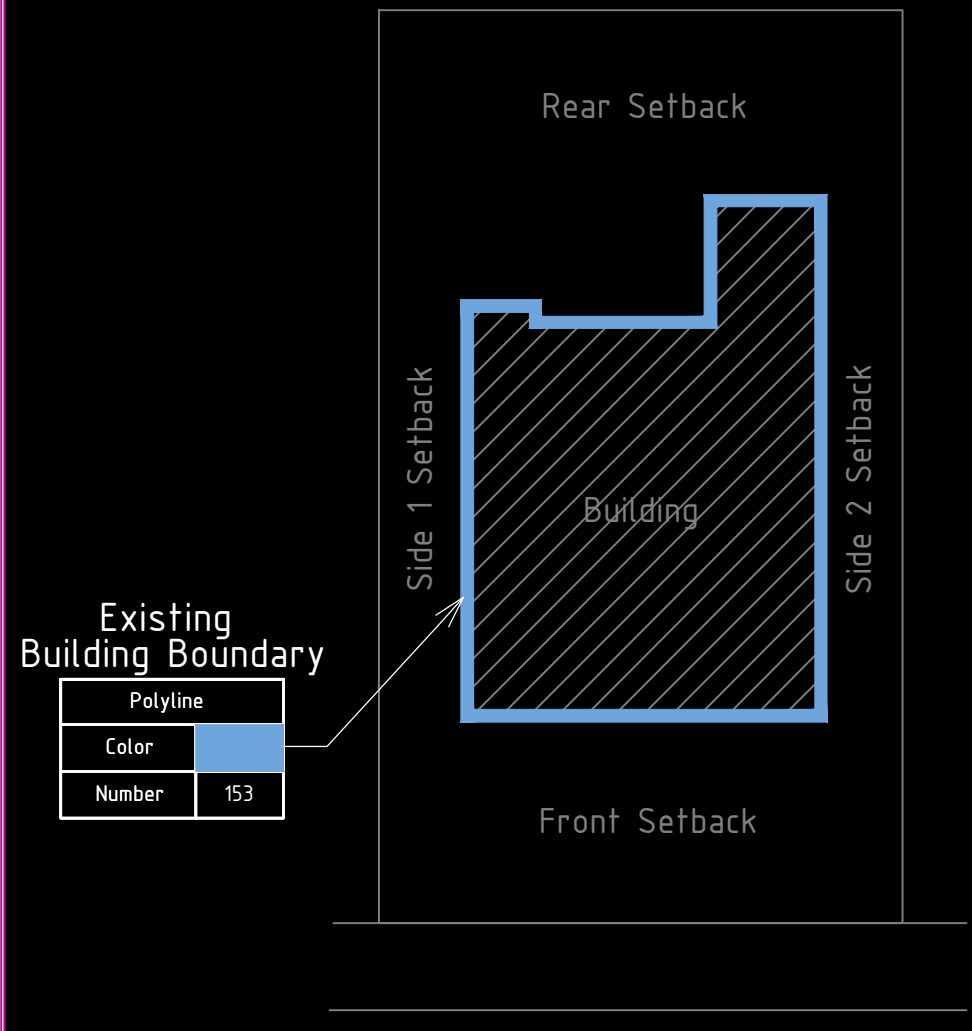
S.No	Description	Layer
12	Inner Court Yard Roof Level Height shall be drawn as line in Color No. 47.	FLOOR-TERRACE



14.4 OBJECTS TO BE DRAWN IN SITE PLAN & FLOOR PLANS FOR EXISTING BUILDING

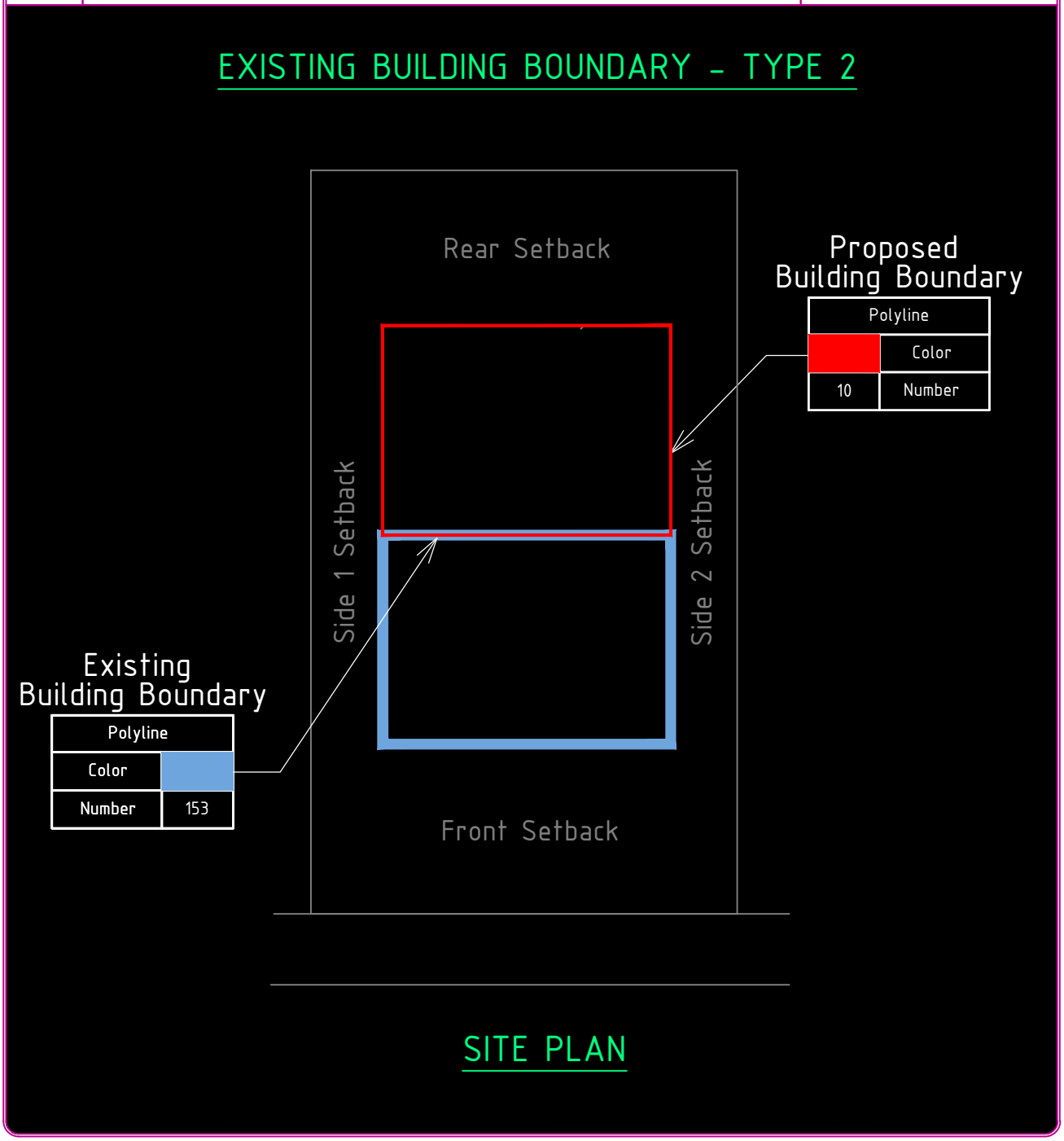
S.No	Description	Layer
01	Existing Building Boundary For Single Building Shall Be drawn as Polyline in Color No. 153. Note: Existing Stilt Floor or Ground Floor Fully Constructed.	FLOOR-GROUND or FLOOR-STILT

EXISTING BUILDING BOUNDARY - TYPE 1

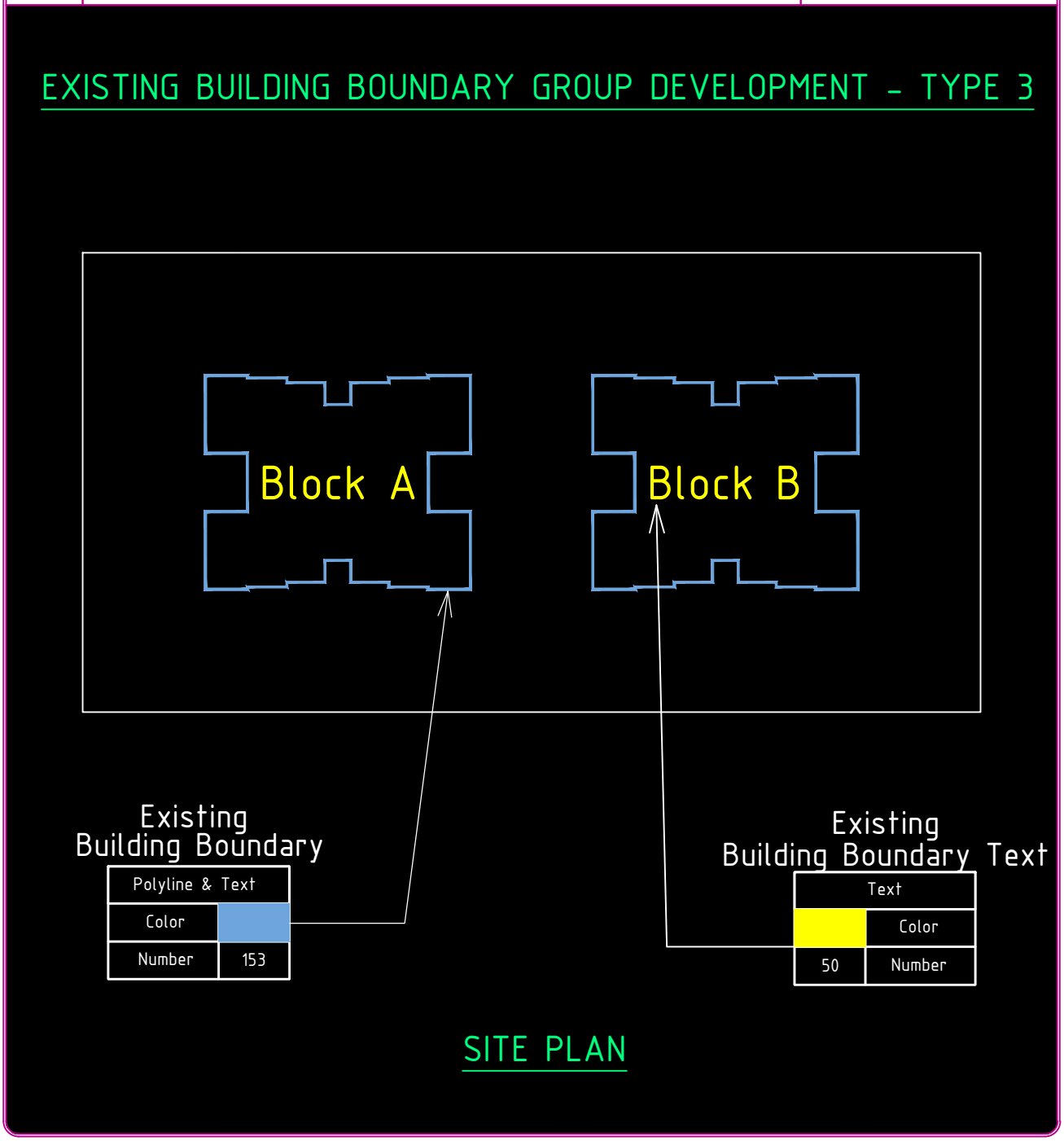


SITE PLAN

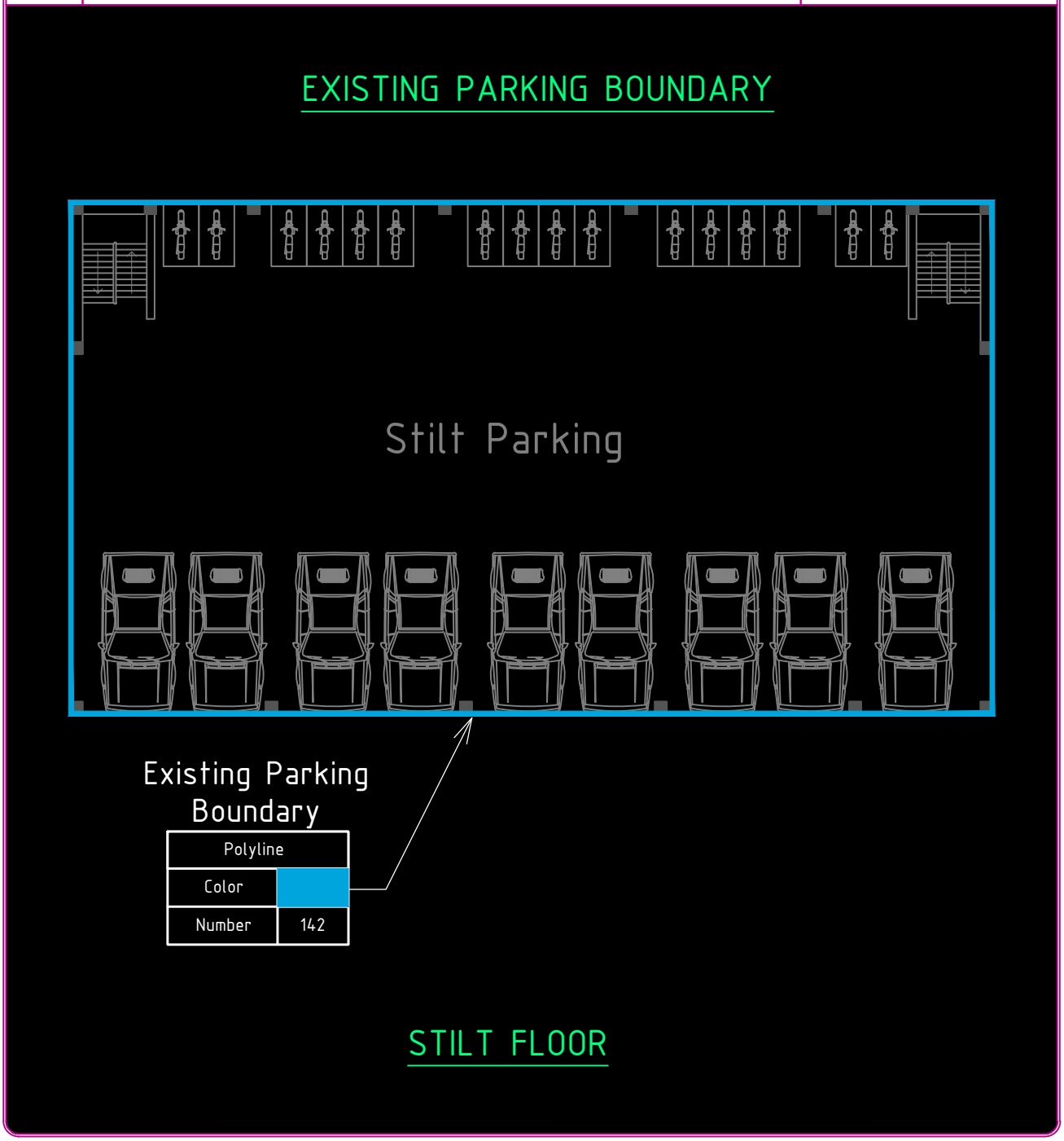
S.No	Description	Layer
02	Existing Building Boundary For Single Building Shall Be drawn drawn as Polyline in Color No. 153. Note:Existing Stilt Floor or Ground Floor Partially Constructed.	FLOOR-GROUND or FLOOR-STILT



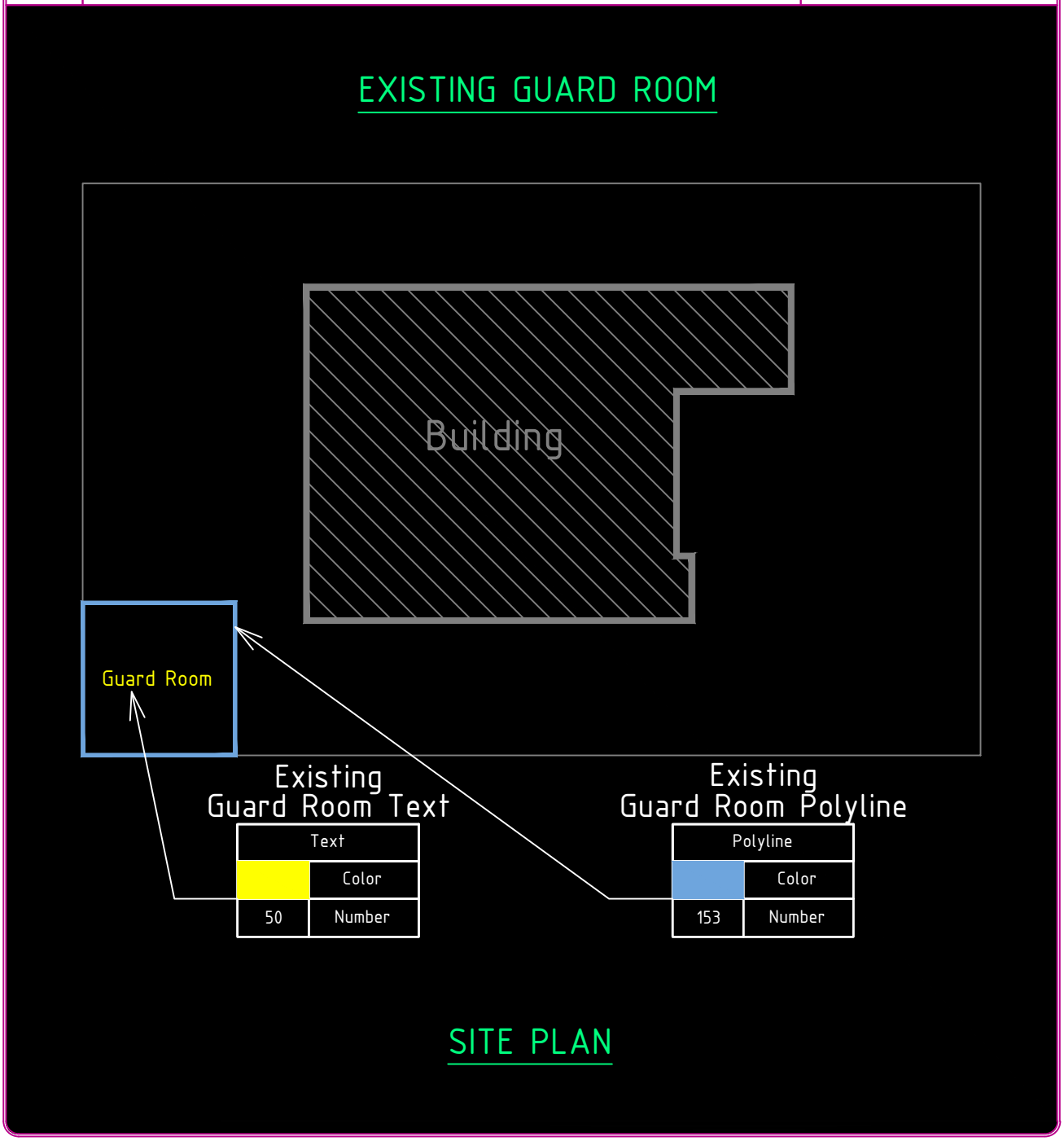
S.No	Description	Layer
03	Existing Building Boundary for Group Development Building Shall Be drawn as Polyline in Color No. 153 and text shall be placed inside the Polyline in the same color as shown below.	FLOOR-GROUND or FLOOR-STILT



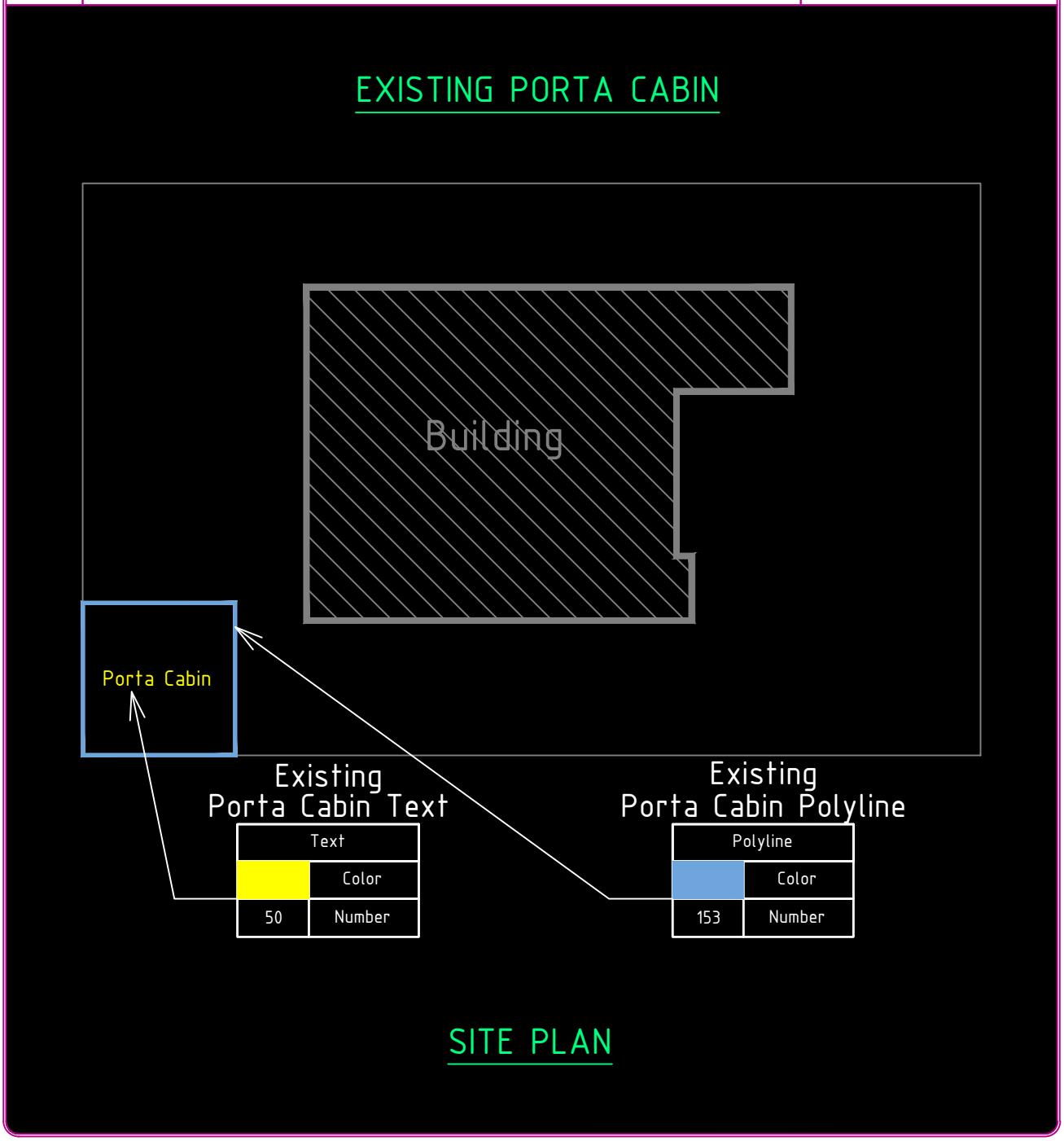
S.No	Description	Layer
04	Existing Parking Boundary shall be drawn as Polyline in Color No. 142.	FLOOR-STILT or FLOOR-GROUND or FLOOR-BF or FLOOR-PODIUM or FLOOR-PARKING



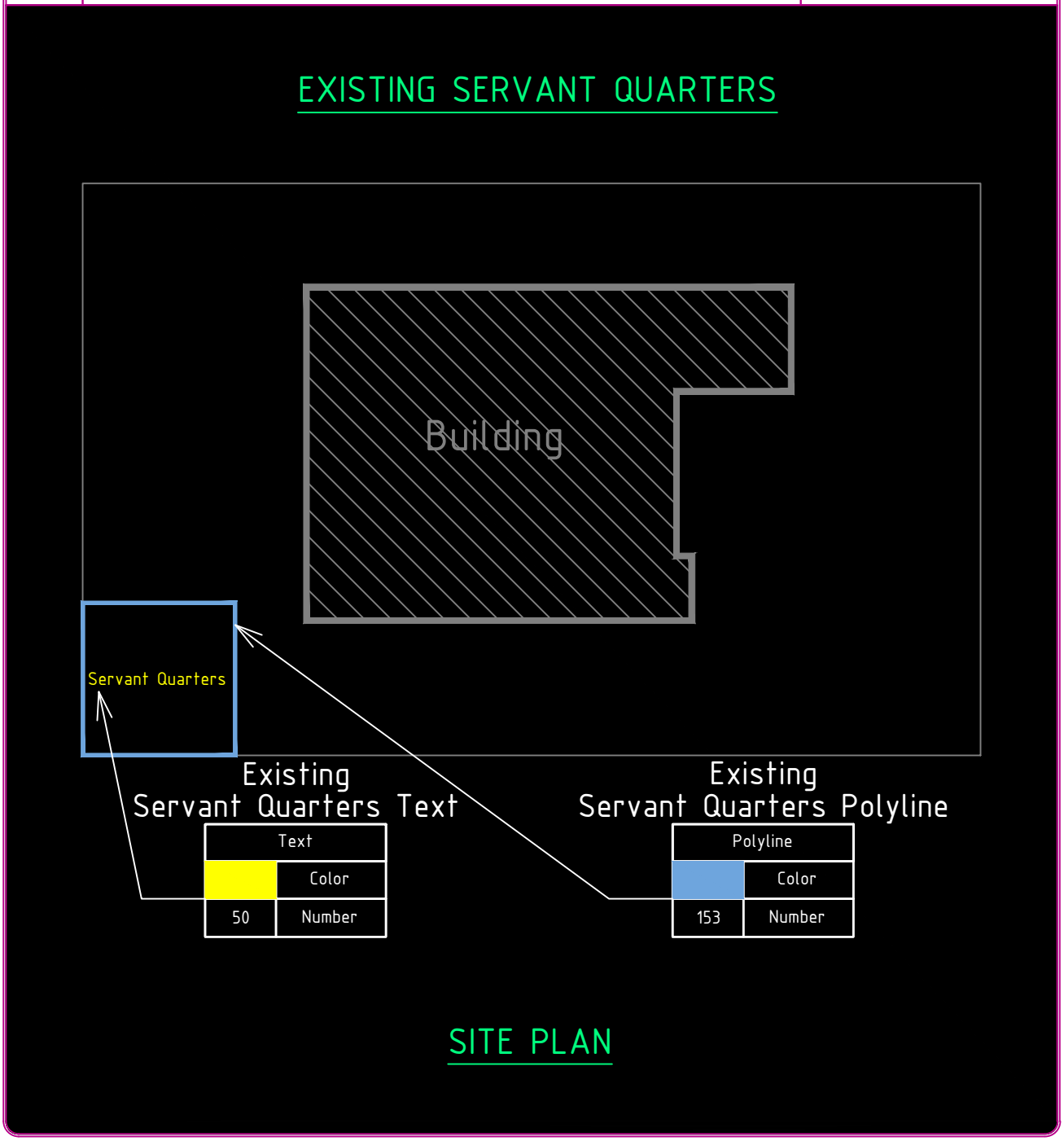
S.No	Description	Layer
05	Existing Guard Room shall be drawn as Polyline in Color No.153 and text shall be placed inside the Polyline in Color 50. Note : Only Residential Plot	FLOOR-GROUND or FLOOR-STILT



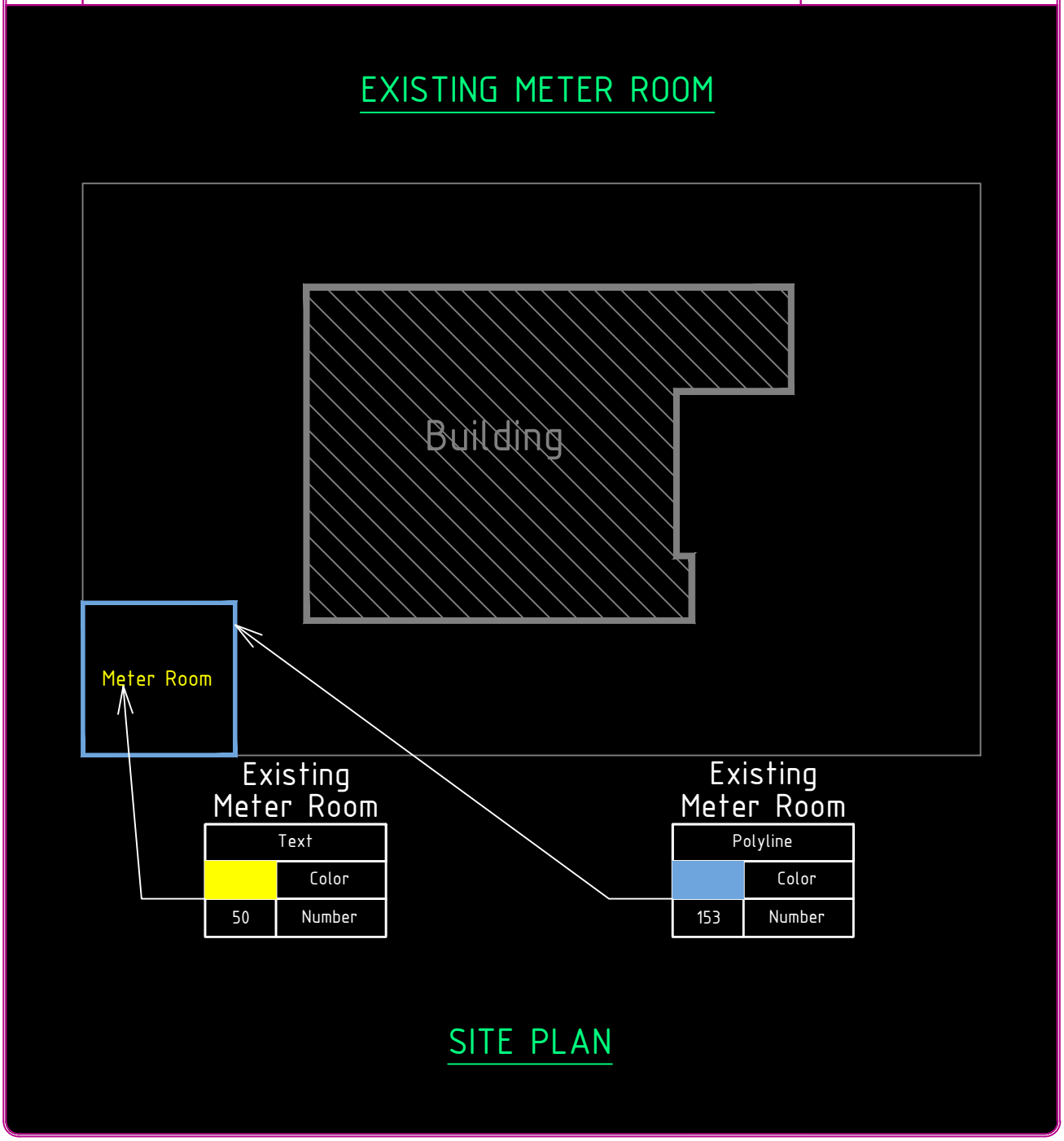
S.No	Description	Layer
06	Existing Porta Cabin shall be drawn as Polyline in Color No.153 and text shall be placed inside the Polyline in Color 50. Note : Only Residential Plot	FLOOR-GROUND or FLOOR-STILT



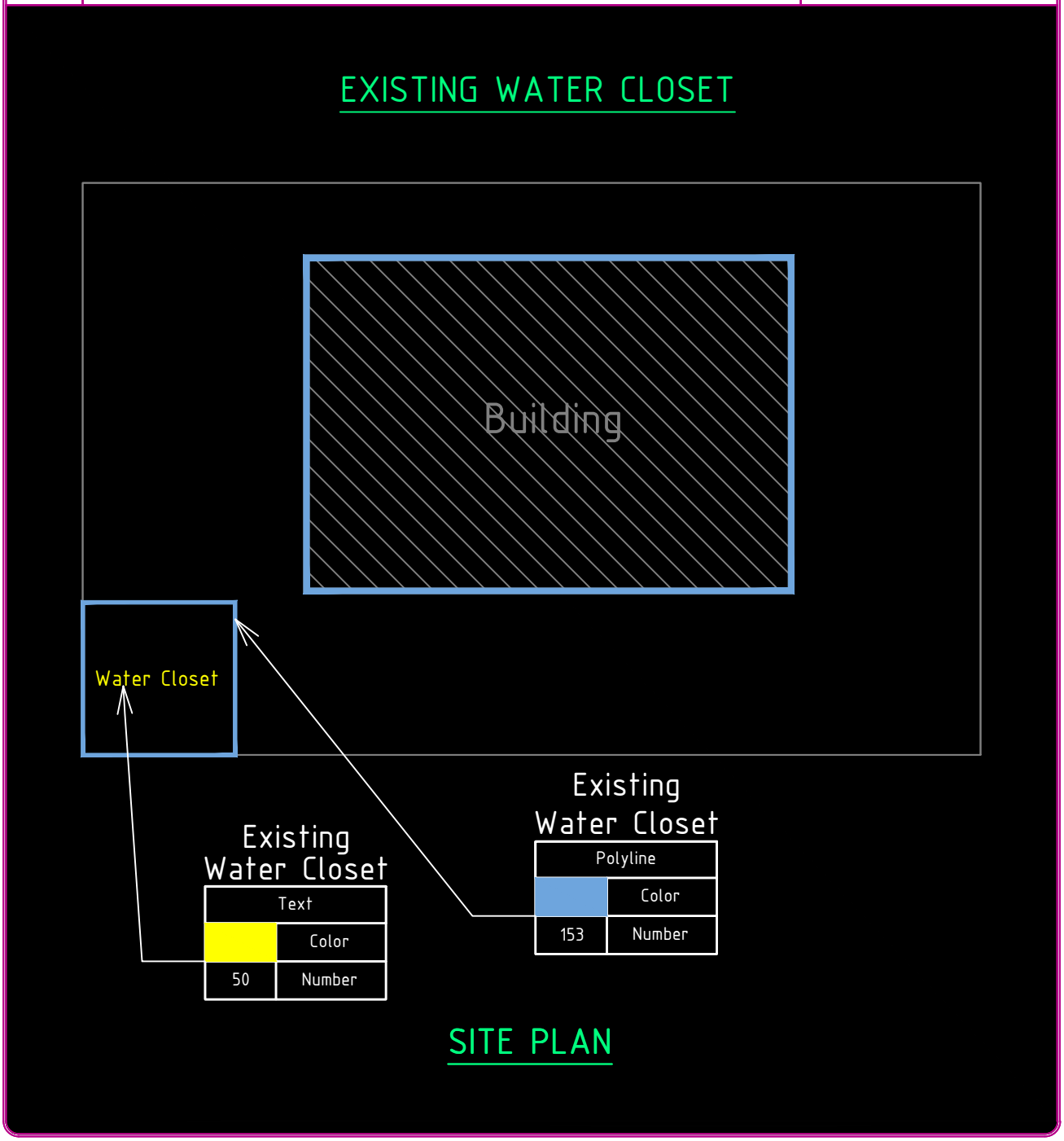
S.No	Description	Layer
07	Existing Servant Quarters shall be drawn as Polyline in Color No. 153 and text shall be placed inside the Polyline in Color No. 50. Note : Only Residential Plot	FLOOR-GROUND or FLOOR-STILT



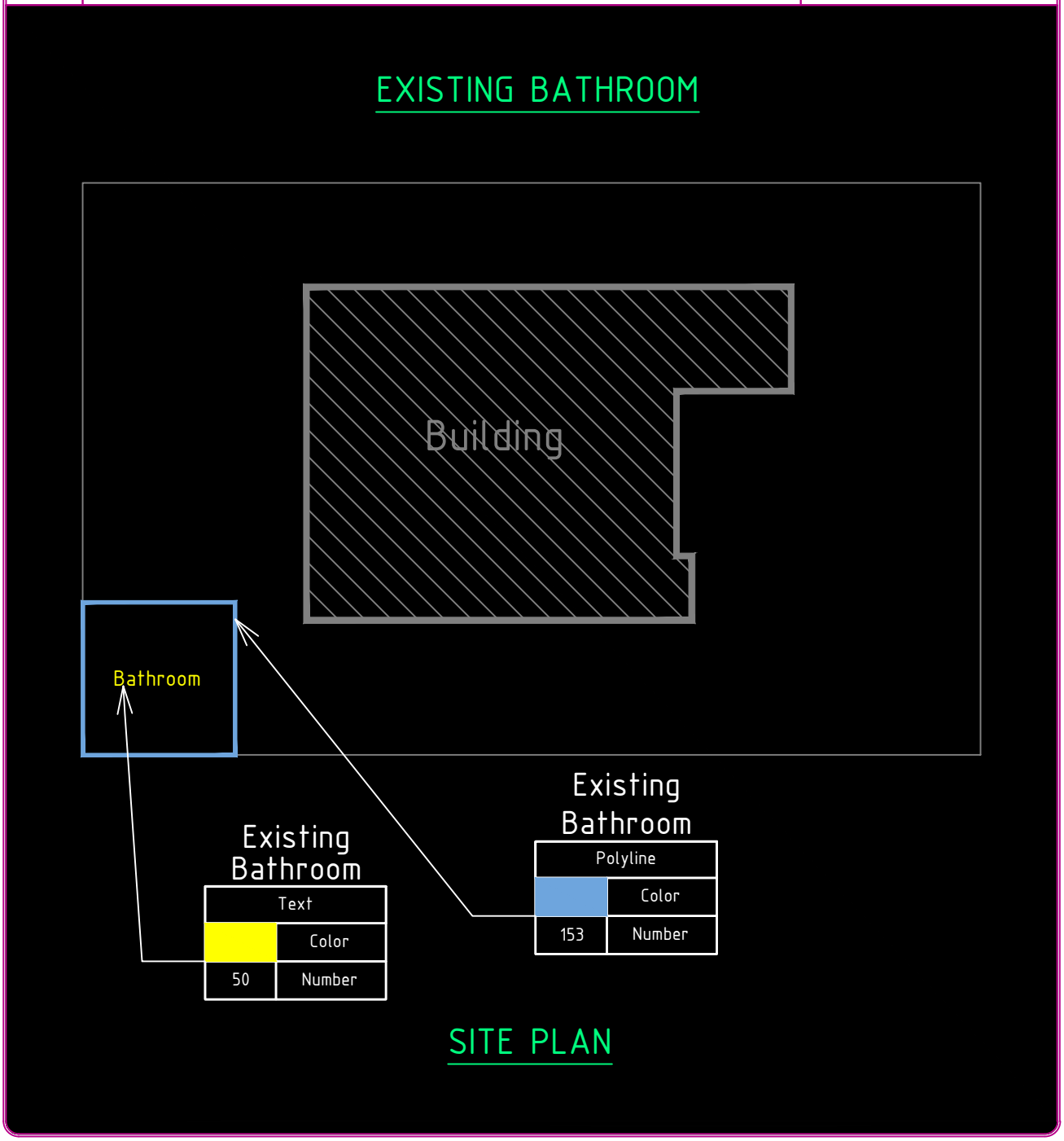
S.No	Description	Layer
08	Existing Meter Room shall be drawn as Polyline in Color No.153 and text shall be placed inside the Polyline in Color No. 50.	FLOOR-GROUND or FLOOR-STILT



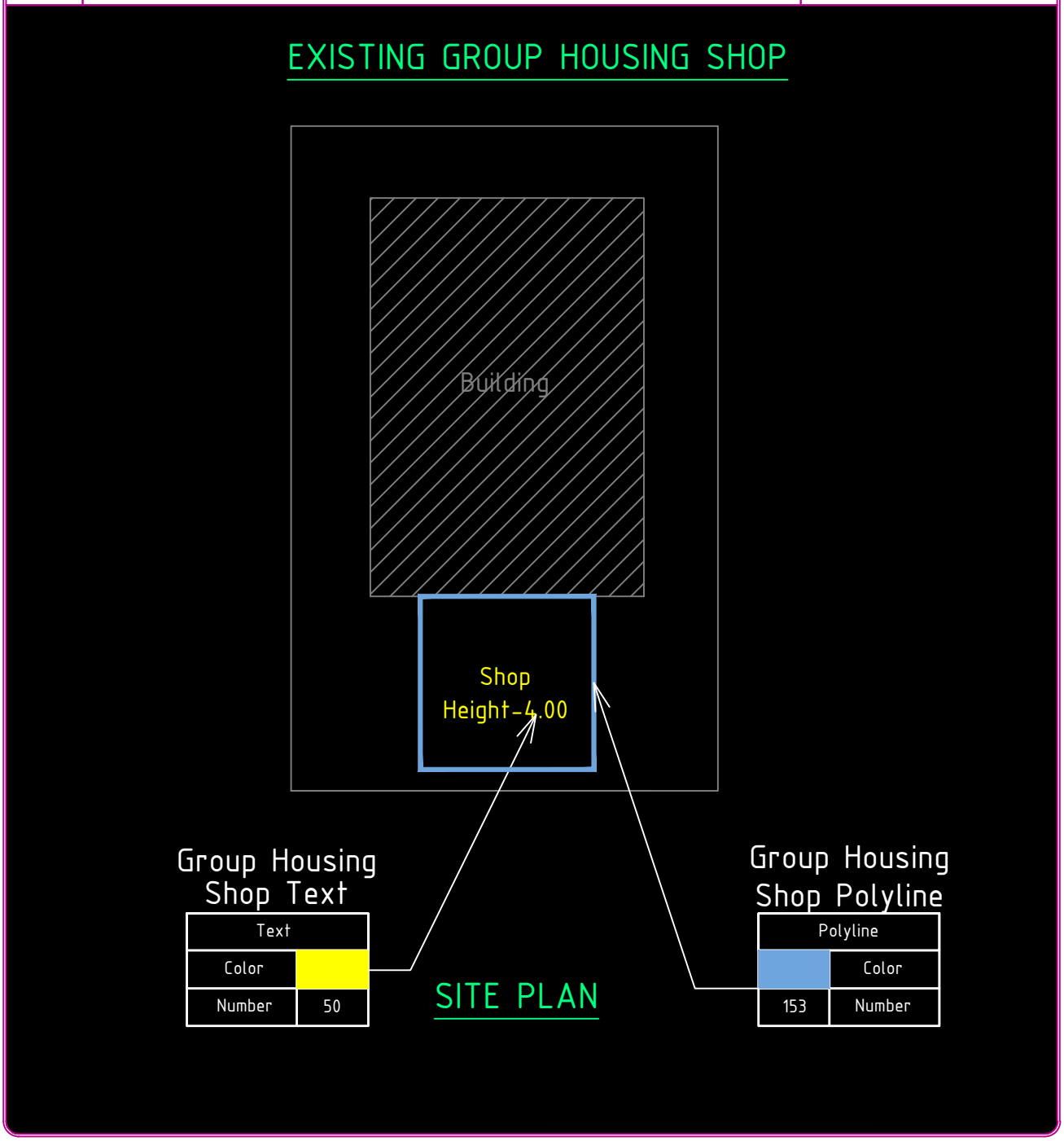
S.No	Description	Layer
09	Existing Water Closet shall be drawn as Polyline in Color No. 153 and text shall be placed inside the Polyline in Color No. 50. Note: Applicable for the Water Closet Constructed Outside the Building.	FLOOR-GROUND or FLOOR-STILT



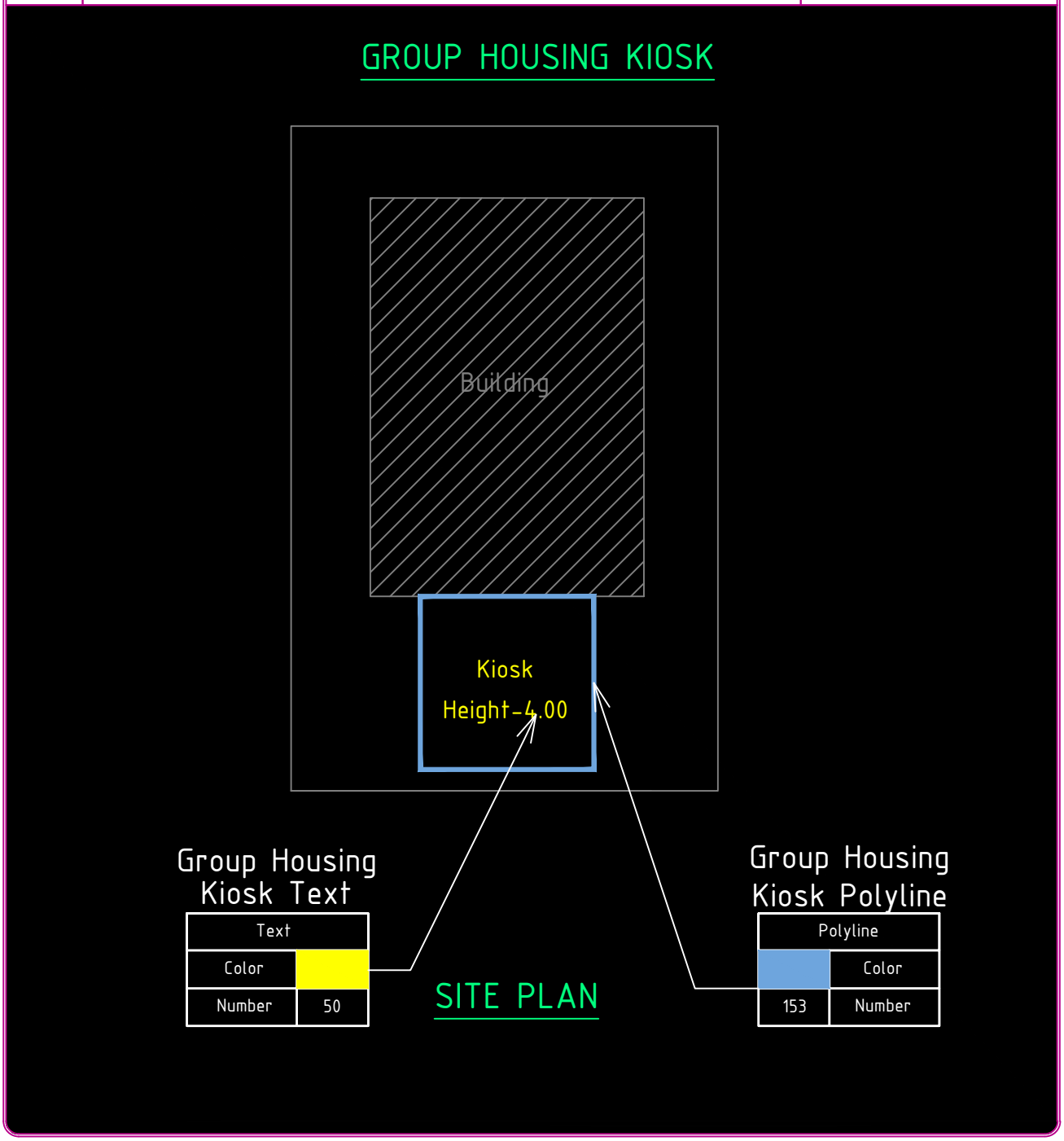
S.No	Description	Layer
10	Existing Bathroom shall be drawn as Polyline in Color No. 153 and text shall be placed inside the Polyline in Color No. 50. Note: Applicable for the Bathroom Constructed Outside the Building.	FLOOR-GROUND or FLOOR-STILT



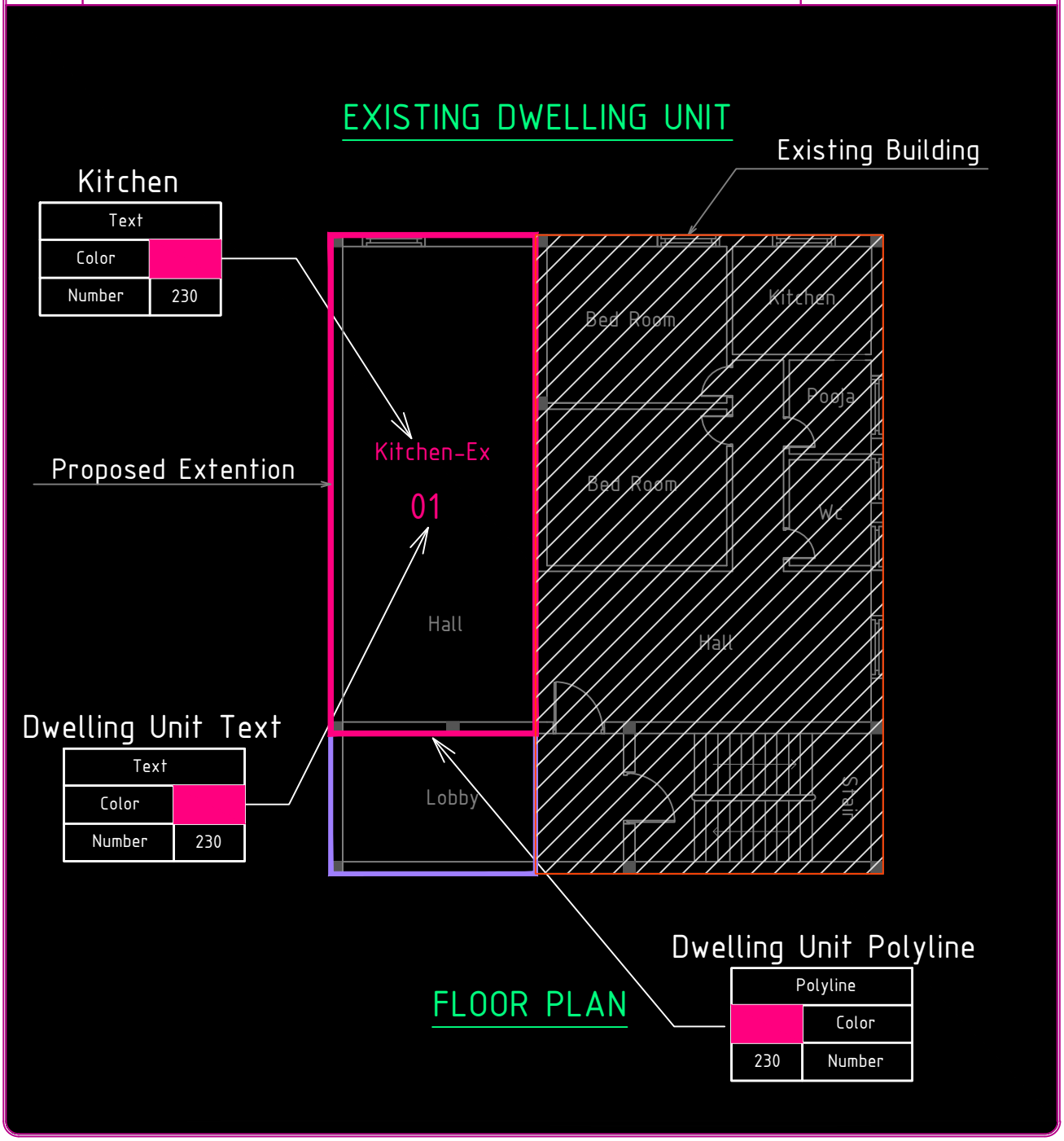
S.No	Description	Layer
11	Existing Group Housing Shop shall be drawn as Polyline in Color No. 153 and text shall be kept in Color No. 50 and need to be drawn inside Plot Boundary. Height of the Shop shall be placed inside the Color No. 153 Polyline as shown below in Color No. 50.	FLOOR-GROUND or FLOOR-STILT



S.No	Description	Layer
12	Existing Group Housing Kiosk shall be drawn as Polyline in Color No. 153 and text shall be kept in Color No. 50 and need to be drawn inside Plot Boundary. Height of the Kiosk shall be placed inside the Color No. 153 Polyline as shown below in Color No. 50.	FLOOR-GROUND or FLOOR-STILT



S.No	Description	Layer
13	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.	Applicable Floor Layer



S.No	Description	Layer
14	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