User Manual For

Automated Building Plan Approval System

(ABPAS III)

For

The Directorate, Urban Administration and Development (UADD), Madhya Pradesh

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ABPAS 3.0 Scrutiny engine will identify all the polyline, line, and text related problems in the drawing. When the Applicant submits the building map proposal, this software enables the applicant to rectify the defects in the drawing and make it suitable to run in the Scrutiny software. It reads the drawing elements and lists all the discrepancies in the drawing. It will process the file and gives the output with various parameters as listed below.

1. Covered area boundary
2. Multiple Polyline Geometry Problems
3. Invalid object color
4. Misplaced OTS
5. Existence of Blocks, Regions, wipe-outs & External references in Floor layers.
6. Mandatory requirements
7. Other critical errors

In the pre-check return report, error details will be displayed such as disqualified object name; floor name and drawing coordinate position,

Do's – Pre-checks should be cleared before submitting file online

Preparation of computerized plans for ABPAS 3.0 scrutiny engine has the following steps, which are to be followed compulsorily. Otherwise, scrutiny engine will not process the color coded cad drawing.

1. Create Separate layer for each proposed floor like FLOOR-GROUND, FLOOR01 Etc. (FOR PROPOSED AREA).Create Separate layer for each existing floor Like FLOOR-GROUND-EX, FLOOR01-EXtc.(FOR EXISTING AREA).If the mezzanine floor is between first floor and second floor then mezzanine floor layer name to be kept as "FLOOR-MF01TO02" If open terrace area comes in first floor, second floor etc., apart from Terrace floor then terrace polyline of color 227 shall be drawn in the corresponding floor layer.

2. All the site related details like Marginal Open space, road width, accessory buildings, septic tank, Soft landscape area, surface parking, fire engine movement path etc. polylines/text/lines should be kept in either FLOOR-STILT or FLOOR-GROUND or FLOOR-PODIUM whichever is the lower most level.

3. For basement floor, create separate layer like FLOOR-BF1, FLOOR–BF2 etc

4. In layer "0" LWPOLYLINE, POLYLINE, LINE Entities are not allowed except in elevation, and sections, Texts and dimensions can be marked in '0' layer.

5. All proposal drawing should be in .dxf Format

6. All objects to be processed by Scrutiny engine should be drawn using Lines, Polylines and Text and placed in layers starting with Floor.

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

8. Avoid unnecessary objects in the drawing.

9. Avoid unnecessary coordinates in polylines.

10. Don't Overlap the objects.

11. There should be no z-axis values for any Entities.

12. There should be no block reference Entities.

13. Entities drawn outside the color 61 will give an error and will not be shown in the output drawing pdf.

14. No M text is allowed in drawing.

3.1 PARAMETERS TO BE DRAWN USING LINE OBJECTS

1. Gate
2. Minimum Basement Floor Height
3. Maximum Stilt Floor Height
4. Maximum Service Floor Height
5. Maximum Podium Floor Height
6. Maximum Plinth Height
7. Minimum Habitable room Height
8. Front MOS
9. Side 1 MOS
10. Side 2 MOS
11. Rear MOS
12. Building height
13. Total building height
14. Minimum Parapet height
15. Minimum Ledge Headroom
16. Minimum Loft Headroom
17. Minimum Kitchen height
18. Minimum EWS or LIG Kitchen Height
19. Minimum WC height
20. Minimum Bathroom height
21. Minimum Combined bathroom and WC height
22. Minimum WC with wash basin height
23. Minimum Store room height
24. Road width
25. Minimum Mezzanine floor height
26. Inner courtyard height
27. Access length
28. Minimum Head room height

29. Maximum Boundary wall height front
30. Maximum Boundary wall height side and rear
31. Minimum Loft height
32. Minimum Ledge height
33. Minimum Skyway height
34. Beam height
35. Fire Exit
36. Minimum Projecting room height below
37. Minimum Subway height
38. Minimum stair width

3.2 PARAMETERS TO BE DRAWN USING POLYLINE OBJECTS

1. Plot Boundary
2. Covered area Boundary
3. Basement area boundary
4. Block Distinguisher
5. FAR
6. NON- FAR
7. Lift
8. Balcony
9. Block Rectangles for Group Development
10. Bounding Rectangle
11. Car parking stall
12. Two -wheeler parking stall
13. Sunshade
14. Ventilation shaft
15. Seating area
16. Front clear vehicular access
17. Side loading space and unloading space
18. Stilt Parking Boundary
19. Marriage hall parking area

20. Marriage garden parking area
21. Means of access
22. Refuge area
23. Soft landscape
24. Loft
25. Ledge
26. Building projection
27. Septic tank
28. Terrace floor polyline
29. Courtyard
30. Atrium, Open to sky and cutout
31. Residential Dwelling unit
32. LIG or EWS Dwelling unit
33. Habitable Room
34. Plot frontage (Open polyline)
35. Vehicular Ramp
36. Mechanized parking
37. Entrance Lobby
38. Basement Parking Boundary
39. Accessory building
40. Podium Floor boundary
41. Service Floor boundary
42. Outer courtyard
43. Parking Floor boundary
44. Refuse chute
45. Refuse chamber
46. Service duct
47. Sewage treatment plant
48. WC
49. Bathroom

50. Combined Bathroom and WC
51. WC with wash basin
52. Staircase landing
53. Window
54. Ventilator
55. Corridor (for all buildings)
56. Fire Lift
57. Travel distance
58. Skyway width
59. Subway
60. Open parking
61. Physically challenged person's ramp
62. Projecting room
63. Staircase Area
64. Store room
65. Mumty
66. Layout boundary
67. Plot distinguisher (For Multi-plot drawing)

3.3 PARAMETERS TO BE DRAWN USING TEXT OBJECTS

1. Usage of other than habitation text such as WC, Bathroom, Combined Bathroom and WC and WC with wash basin, Toilet-M, Toilet-F etc.

2. Septic tank, Refuge, Ramp slope text, Water tank height, Dwelling unit number, kitchen text, Residential use, EWS use, LIG use, Commercial use, Industrial use, Institutional use, Assembly use, storage use , hazardous use text, Ledge and Loft.

3. (a) Typical floor text:

   If for example, the first floor is typical to all floors upto tenth floor then the typical floor text shall be kept as
   "**FLOOR01 TO FLOOR10-TYPICAL"** in **FLOOR01 Layer**

   (b) Block typical text
   If the block no. 1 to block no. 2 are typical then Block typical text to be kept as "**BLOCK1, BLOCK2- TYPICAL**"

4. NON FAR and NON FAR height

5. Vehicular ramp slope

6. Sewage treatment plant, Swimming pool, Fire tank, water tank-ground level

7. Minimum Tread, Maximum Riser and Minimum Handrail

8. Fire Lift, Fire staircase and Refuge

9. Ramp level, width, landing and gradient for Physically challenged person's

10. Block name

11. Store room

12. Mumty

13. Plot distinguisher (For Multi-plot drawing

Where the floor existing use ex with layer name for example: FLOOR-GROUND

S.NO	PARAMETER	COLOR CODE	OBJECT	LAYER NAME
1	Plot Boundary	7	Polyline	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
2	Building Boundary (Building Foot Print)	10	Polyline	FLOOR-GROUND/FLOOR STILT/FLOOR-PODIUM01/FLOOR-PARKING01
3	Marginal Open Space	4 , 6 , 2 , 3	Line	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
4	Plot Frontage / Plot Width	96	Open Polyline	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
5	Road Width	41	Line	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
6	Gate Width	161	Line	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
7	Road Widening	118	Polyline	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
8	Soft Landscape	60	Polyline	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
9	Means of Access	247	Polyline	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
10	Access Length	144	Line	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
11	Stilt Floor boundary	5	Polyline	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01

12	Basement Boundary	32	Polyline	Floor - Bf1, Floor - Bf2
13	Podium Floor Boundary	5	Polyline	Floor - Podium

14	Parking Floor Boundary	5	Polyline	Floor - Parking
15	Side Loading And Unloading Space	104	Polyline	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
16	Front Clear Space	241	Polyline	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
17	Multiple Plot Boundary	7 , 121	Polyline & Text	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
18	Combined Stilt Roof or Podium Level Blocks	7 , 10 , 5 50	Polyline & Text	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
19	Partly Stilt Cum Ground Floor	6 , 5	Polyline & Text Polyline	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
20	Basement Parking	5	Polyline	Floor - Bf1, Floor - Bf2
21	Building Projections	234	Polyline	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
22	Projecting Room	203	Polyline	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
23	Residential FAR	181	Polyline	Applicable Floor Layer
24	Dwelling Unit	230	Polyline & Text	Applicable Floor Layer

25	Duplex Dwelling Unit	230	Polyline & Text	Applicable Floor Layer
26	Kitchen Cum Dining	150 , 230	Polyline & Text	Applicable Floor Layer
27	Kitchen Cum Store	150 , 230	Polyline & Text	Applicable Floor Layer
28	Residential Flatted Development	230	Polyline & Text	Applicable Floor Layer

29	Residential Plotted Development	230	Polyline & Text	Applicable Floor Layer
30	LIG FAR	15	Polyline & Text	Applicable Floor Layer
31	EWS FAR	15	Polyline & Text	Applicable Floor Layer
32	LIG or EWS Dwelling Unit	211	Polyline & Text	Applicable Floor Layer
33	Farm House	181	Polyline & Text	Applicable Floor Layer
34	Mezzanine Floor and Rooms	150	Polyline & Text	Floor - Mf to Between Applicable Floor Layer
35	Commercial FAR	6	Polyline & Text	Applicable Floor Layer
36	Multiple Shop	6 , 150	Polyline & Text	Applicable Floor Layer
37	Bank Cellar	6	Polyline & Text	Floor - Bf1, Floor - Bf2
38	Assembly FAR	6	Polyline & Text	Applicable Floor Layer

39	Seating Area For Cinema Theatre, Marriage Hall, Multiplex	106	Polyline & Text	Applicable Floor Layer
40	Institutional FAR	33	Polyline & Text	Applicable Floor Layer
41	Educational FAR, Class Room	33 , 150	Polyline & Text	Applicable Floor Layer
42	Educational FAR Student Count, Class Room	33 , 150	Polyline & Text	Applicable Floor Layer

43	Industrial FAR	134	Polyline & Text	Applicable Floor Layer
44	Habitable Room	150	Polyline	Applicable Floor Layer
45	WC	81	Polyline & Text	Applicable Floor Layer
46	Bathroom	81	Polyline & Text	Applicable Floor Layer
47	Combined Bathroom And WC	81	Polyline & Text	Applicable Floor Layer
48	WC With Wash Basin	81	Polyline & Text	Applicable Floor Layer
49	Store Room	81	Polyline & Text	Applicable Floor Layer
50	Corridor	51	Polyline	Applicable Floor Layer
51	Lift and Occupancy	22	Polyline & Text	Applicable Floor Layer

52	Fire Lift And Occupancy	22	Polyline & Text	Applicable Floor Layer
53	Staircase and Tread, Riser , Handrails	115	Polyline & Text	Applicable Floor Layer
54	Stair Landing	223	Polyline	Applicable Floor Layer
55	Stair Width	191	Line	Applicable Floor Layer
56	EWS, LIG Staircase And Tread, Riser, Handrails	115	Polyline & Text	Applicable Floor Layer

57	Escalator And Occupancy	115	Polyline & Text	Applicable Floor Layer
58	Moving Walk And Occupancy	115	Polyline & Text	Applicable Floor Layer
59	Loft	120	Polyline & Text	Applicable Floor Layer
60	Ledge	120	Polyline & Text	Applicable Floor Layer
61	Cantilever Balcony	35	Polyline	Applicable Floor Layer
62	Sunshade	64	Polyline	Applicable Floor Layer
63	Plumbing Duct, Atrium, Refuse Chute, Refuse Chamber, Service Dust , Open to Sky , Void	3	Polyline	Applicable Floor Layer
64	Ventilation Shaft	11	Polyline & Text	Applicable Floor Layer

65	Inner Courtyard	40	Polyline	Applicable Floor Layer
66	Outer Courtyard	235	Polyline	Applicable Floor Layer
67	Window	103	Polyline	Applicable Floor Layer
68	Ventilator	102	Polyline	Applicable Floor Layer
69	Mechanical Ventilation	232	Polyline	Applicable Floor Layer
70	Service Floor Boundary	4	Polyline & Text	Applicable Floor Layer

71	Non FAR And Non FAR Height	4	Polyline & Text	Applicable Floor Layer
72	Fire Water Tank	4	Polyline & Text	Applicable Floor Layer
73	Refuge	4	Polyline & Text	Applicable Floor Layer
74	Water Tank	4	Polyline & Text	Floor - Terrace
75	Mumty	120	Polyline & Text	Floor - Terrace
76	Swimming Pool	112	Polyline & Text	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
77	Septic Tank	112	Polyline & Text	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
78	Terrae Floor Boundary	227	Polyline	Floor - Terrace
79	Skyway	217	Polyline	Applicable Floor Layer
80	Subway	44	Polyline	Applicable Floor Layer
81	Vehicular Ramp	107 , 180	Polyline & Text Open Polyline	Floor - Parking, Floor - Bf, Floor - Podium
82	Circular Ramp	107 , 180	Polyline & Text Open Polyline	Floor - Parking, Floor - Bf, Floor - Podium
83	Ramp For Physically Challenged Person's	52	Polyline & Text	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01

84	Height of The Building	151	Line	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
85	Total Height Of The Building	233	Line	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
86	Habitable Room Height	91	Line	Applicable Floor Layer
87	Kitchen Height	74	Line	Applicable Floor Layer
88	Individual Floor Height	255	Line	Applicable Floor Layer
89	Max height of structure above terrace level	252	Line	Floor - Terrace
90	LIG And EWS Kitchen Height	25	Line	Applicable Floor Layer
91	Stilt Floor Height, Podium Floor Height Service Floor Height	21	Line	Floor-Stilt, Floor - Podium, Floor - Service
92	Beam Thickness	242	Line	Applicable Floor Layer
93	Roof or Slab Thickness	146	Line	Applicable Floor Layer
94	WC Height, Bathroom Height, And Etc.	13	Line	Applicable Floor Layer
95	Basement Floor Height	121	Line	Floor - Bf1, Floor - Bf2
96	Mezzanine Floor Height	23	Line	Floor - Mf to Between Applicable Floor Layer
97	Headroom Height	231	Line	Applicable Floor Layer
98	Loft Height and Loft Head Room Height	136, 237	Line	Applicable Floor Layer

99	Ledge Height and Headroom Height	201, 245	Line	Applicable Floor Layer
100	Parapet Wall Height	17	Line	Floor - Terrace
101	Plinth Height	105	Line	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
102	Inner Courtyard Height	40	Line	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
103	Projecting Room Floor Height Below	202	Line	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
104	Skyway Height	53	Line	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
105	Subway Height	43	Line	Floor - Bf1, Floor - Bf2
106	Travel Distance	194	Open Polyline	Applicable Floor Layer
107	Fire Exit	84	Line	Applicable Floor Layer
108	Boundary Wall Front	160	Line	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
109	Boundary Wall Side and Rear	110	Line	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
110	Ramp Height and Headroom Height Level 1	107, 207	Line	Floor -Parking, Floor - Bf, Floor - Podium
111	Ramp Height and Headroom Height Level 2	107, 207	Line	Floor - Parking, Floor - Bf, Floor - Podium
112	Open Parking Area	20	Polyline	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01

113	Marriage Hall and Marriage Garden Parking Area	142	Polyline	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
114	Car Stall	140	Polyline	Floor Parking, Floor - Bf, Floor-Podium
115	Two Wheeler Stall	101	Polyline	Floor Parking, Floor -Bf, Floor - Podium
116	LCV Stall	221	Polyline	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
117	Ambulance Stall	124	Polyline	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
118	Mechanized Parking Area	213	Polyline & Text	Floor -Parking, Floor -Bf, Floor - Podium
119	Typical Floor – Type 1	7	Text	Applicable Floor Layer
120	Typical Floor – Type 2	7	Text	Applicable Floor Layer
121	Block Distinguishers, Building Boundary	50 , 10	Polyline & Text Polyline	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
122	Typical Block Distinguishers, Building Boundary	50 , 10	Polyline & Text Polyline	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
123	Bounding Site Plan	141	Polyline & Text	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
124	Bounding Section	141	Polyline & Text	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01

125	Bounding Elevation	141	Polyline & Text	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
126	Bounding Rectangle	61	Polyline	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
127	Layout Boundary	30	Polyline	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
128	Layout Plot Boundary	7	Polyline	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
129	Layout Building Boundary	10	Polyline	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
130		96	Open Polyline	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
131	Layout Road Width	41	Line	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
132	Layout Plot Number	121	Text	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
133	Layout Plot Distinguisher	121	Polyline & Text	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
134	Typical Plot Layout Plot Distinguisher	121	Polyline & Text	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
135	Site Boundary Wall Submission	193, 70, 7 160. 110	Polyline & Text Poly line, Line	FLOOR-GROUND/FLOOR-STILT/FLOOR-PODIUM01/FLOOR-PARKING01
136	Compounding Mos & Gc Boundary	72	Polyline	Applicable Floor Layer
137	Residential Compoundable Area	181	Polyline & Text	Applicable Floor Layer

138	Other Land	45	Polyline	Applicable Floor Layer

4.1 LIST OF NON FAR TEXT

1. PORCH
2. GARAGE
3. PUMP ROOM (ACCESSORY BUILDING)
4. WATCHMAN HUT (ACCESSORY BUILDING)
5. SERVANT QUARTER (ACCESSORY BUILDING)
6. LIFT ROOM [IN TERRACE FLOOR ONLY]
7. WATER TANK [IN TERRACE FLOOR ONLY]
8. ENTRANCE LOBBY
9. VERANDAH
10. STORAGE OF NON COMBUSTIBLE ARTICLE (IN BASEMENT FLOOR ONLY)
11. AIR CONDITIONING EQUIPMENT (IN BASEMENT FLOOR ONLY)
12. MACHINES USED FOR SERVICE (IN BASEMENT FLOOR ONLY)
13. UTILITY (IN BASEMENT FLOOR ONLY)
14. MACHINE ROOM
15. CHANGE ROOM
16. UNDER GROUND WATER TANK
17. BORE WELL
18. PERCOLATION WELL
19. PUMP ROOM
20. ELECTRICAL SUB STATION
21. TRANSFORMER ROOM
22. BOX TYPE TRANSFORMER
23. SECTION FEEDER PILLAR
24. AC PLANT (BASEMENT FLOOR)
25. STORAGE (BASEMENT FLOOR)

4.2 LIST OF RESIDENTIAL BUILDING USE TEXT TO BE KEPT INSIDE FAR COLOR 181

1. GUEST HOUSE
2. REST HOUSE
3. LODGING HOUSE

4. BOARDING HOUSE
5. FARM HOUSE
6. DORMITORY
7. NIGHT SHELTER
8. DHARMASHALA
9. OLD AGE HOME
10. ORPHANAGE
11. HOSTEL
12. WORKING WOMEN HOSTEL
13. HOLIDAY HOME
14. LODGE
15. DHARAMSHALA
16. BARATGHAR
17. MANGAL BHAVAN
18. NIGHT REST HOUSE
19. FOREST HABIT
20. RESERVE CENTRE WITH RESIDENTIAL
21. POLICE POST WITH RESIDENTIAL
22. TOURIST HOUSE
23. AASHRAM

4.3 LIST OF EDUCATIONAL BUILDING USE TEXT TO BE KEPT INSIDE FAR COLOR NO 122

1. PRE PRIMARY SCHOOL
2. PRIMARY SCHOOL
3. SECONDARY SCHOOL
4. SENIOR SECONDARY SCHOOL
5. COLLEGE
6. POLYTECHNIC COLLEGE
7. EDUCATIONAL
8. NURSERY SCHOOL

9. H.S. SCHOOL
10. SCHOOL
11. ACADEMIC AND RESEARCH CENTRE
12. PRE SECONDARY SCHOOL

4.4 LIST OF INSTITUTIONAL BUILDING USE TEXT TO BE KEPT INSIDE FAR COLOR NO 33

1. INSTITUTIONAL
2. MEDICAL
3. UNIVERSITY
4. MEDICAL COLLEGE
5. HOSPITAL
6. HEALTH CENTRE
7. NURSING HOME
8. JAIL
9. COURT
10. POST OFFICE
11. GOVERNMENT OFFICE
12. SEMI GOVERNMENT OFFICE
13. PRIVATE OFFICE
14. HOSPITAL RADIATION ROOM
15. HOSPITAL XRAY ROOM
16. POLICE STATION
17. FIRE FIGHTING STATION
18. PRIVATE HOSPITAL
19. GOVERNMENT HOSPITAL
20. PRIMARY HEALTH CENTRE
21. POLICE POST
22. POLICE STATION WITH STAFF QUARTER
23. SUB FIRE STATION

24. FIRE STATION
25. POST AND TELEGRAM
26. ELECTRICAL SUB STATION
27. RESEARCH CENTRE
28. CULTURAL
29. PUBLIC
30. SEMI PUBLIC
31. HOSPITAL-RADIATION TERAPY ROOM (BASEMENT FLOOR)
32. HOSPITAL-MRI ROOM (BASEMENT FLOOR)
33. HOSPITAL-XRAY ROOM (BASEMENT FLOOR)
34. FIRE STATION
35. ELECTRICAL STATION
36. RESERVE POST
37. ELECTRIC HOUSE
38. HOSPICE
39. ELECTRICITY SUB STATION

4.5 LIST OF COMMERCIAL BUILDING, ASSEMBLY, STORAGE, HAZARDOUS TEXT TO BE KEPT INSIDE FAR COLOR NO 6

1. ASSEMBLY
2. THEATRE
3. RESTAURANT
4. MARRIAGE HALL
5. COMMUNITY HALL
6. BUSINESS OFFICE
7. PRIVATE BUSINESS OFFICE
8. PUBLIC OFFICE
9. SEMI PUBLIC OFFICE
10. MERCANTILE
11. STORAGE
12. MULTIPLEX

13. MULTIPLEX MALL
14. HOTEL
15. BANK CELLAR (IN FIRST BASEMENT FLOOR ONLY)
16. RADIATION ROOM (IN FIRST BASEMENT FLOOR ONLY)
17. STRONG ROOM (IN FIRST BASEMENT FLOOR ONLY)
18. MARRIAGE GARDEN
19. FUEL FILLING STATION
20. FUEL FILLING STATION-SERVICE
21. SHOP
22. HOLIDAY HOME
23. GUEST HOUSE
24. RELIGIOUS BUILDING
25. CINEMA
26. CONFERENCE HALL
27. SOCIAL WELFARE CENTRE WITH AUDITORIUM
28. AUDITORIUM
29. STADIUM
30. COMMUNITY CENTRE
31. BANK
32. FIRE FIGHTING STATION
33. RADIO STATION
34. TV STATION
35. TELEPHONE EXCHANGE
36. OFFICE
37. TELECOM TOWER & STATION
38. EXHIBITION HALL
39. MUSEUM
40. LIBRARY
41. PLACE OF WORSHIP
42. CLUB

43. RESORT
44. BUS STATION
45. BUS TERMINAL
46. BUS DEPOT WITH WORKSHOP
47. RAILWAY STATION
48. ZOO
49. WATER PARK
50. AMUSEMENT PARK
51. SOCIAL WELFARE CENTRE
52. SHOPPING MALL
53. SUPER MARKET
54. CONVENIENCE SHOP
55. LOCAL SHOPPING CENTRE
56. WHOLESALE COMMERCIAL MARKET
57. CINEMA HALL
58. PRIVATE OFFICE
59. BUSINESS HOUSE
60. HOTEL-3 STAR
61. LODGE-3 STAR
62. WAREHOUSE
63. COLD STORAGE
64. FREIGHT DEPOT
65. GODOWN
66. PUBLIC GARAGE
67. HANGER
68. TRUCK TERMINAL
69. STORE HOUSE
70. MOTEL
71. N.G.O
72. GYMNASIUM

73. ASSEMBLY HALL
74. GAS GODOWN
75. PETROLEUM PRODUCT DEPOT
76. DEPOT FOR HAZARDOUS SUBSTANCE
77. HOTEL
78. HOTEL – STAR
79. SPORT
80. CRACKERS SHOP
81. SHOPPING MALL
82. OPEN MALL
83. MARRIAGE GARDEN
84. TOWN CENTRE
85. INVESTMENT UNIT CENTRE
86. CIRCLE SEGMENT LEVEL
87. LOCAL CENTRE
88. CITY CENTRE
89. COMMUNITY CENTRE
90. CONVENIENCE SHOPPING
91. PLANNING UNIT
92. SECTOR LEVEL CENTRE
93. BLOCK LEVEL CENTRE
94. COMMERCIAL COMPLEX
95. RETAIL SHOPPING
96. COMMERCIAL OFFICE

4.6 LIST OF INDUSTRIAL BUILDING USE TEXT TO BE KEPT INSIDE FAR COLOR NO 134

1. LABORATORY
2. POWER PLANT
3. REFINERY

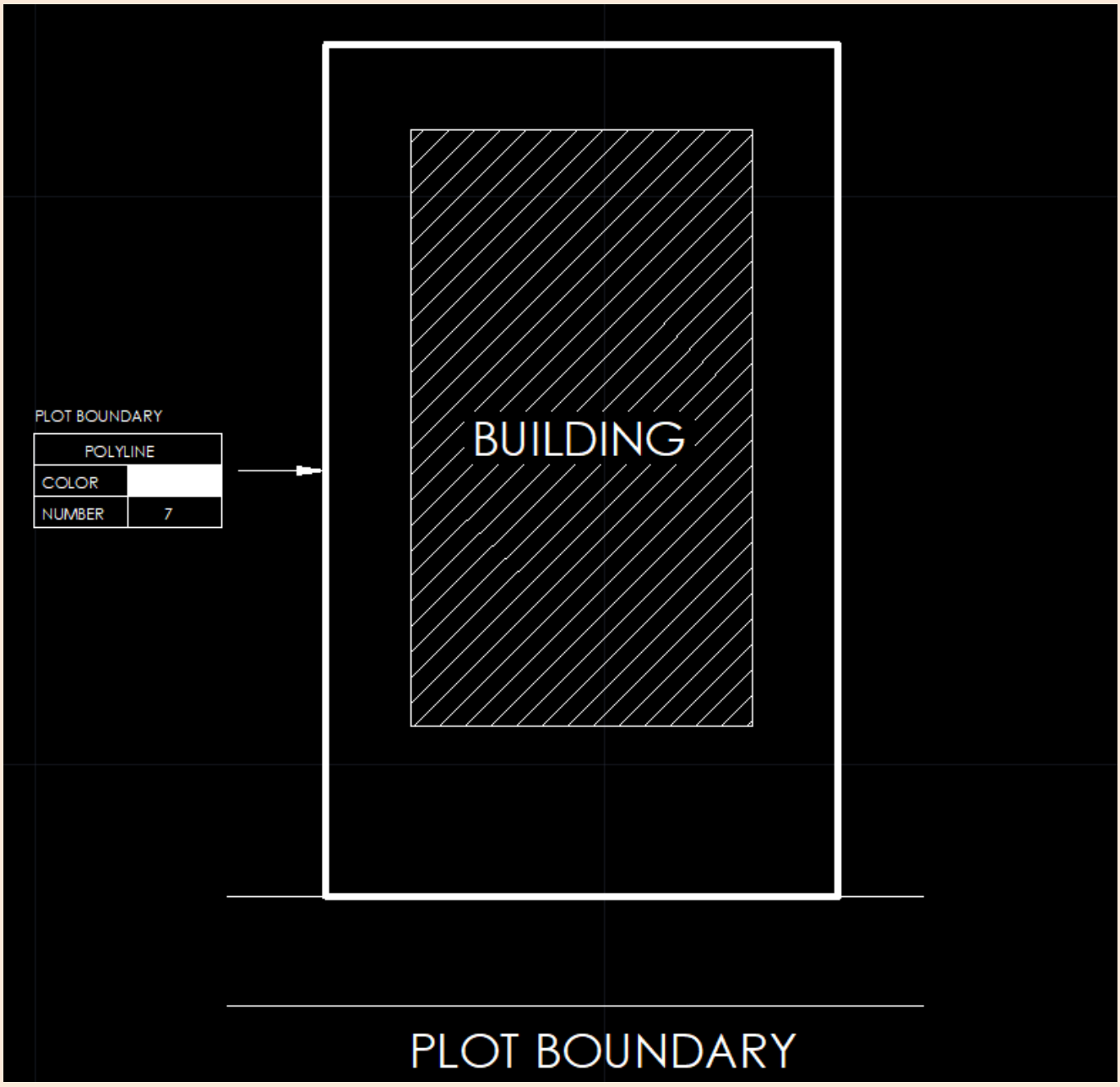
4. GAS PLANT
5. DAIRY
6. FLOUR MILL
7. LIGHT AND SERVICE INDUSTRY
8. INFORMATION TECHNOLOGY INDUSTRY
9. FACTORY
10. ICE FACTORY
11. INDUSTRIAL

4.7 LIST OF OTHER THAN HABITATION TEXT

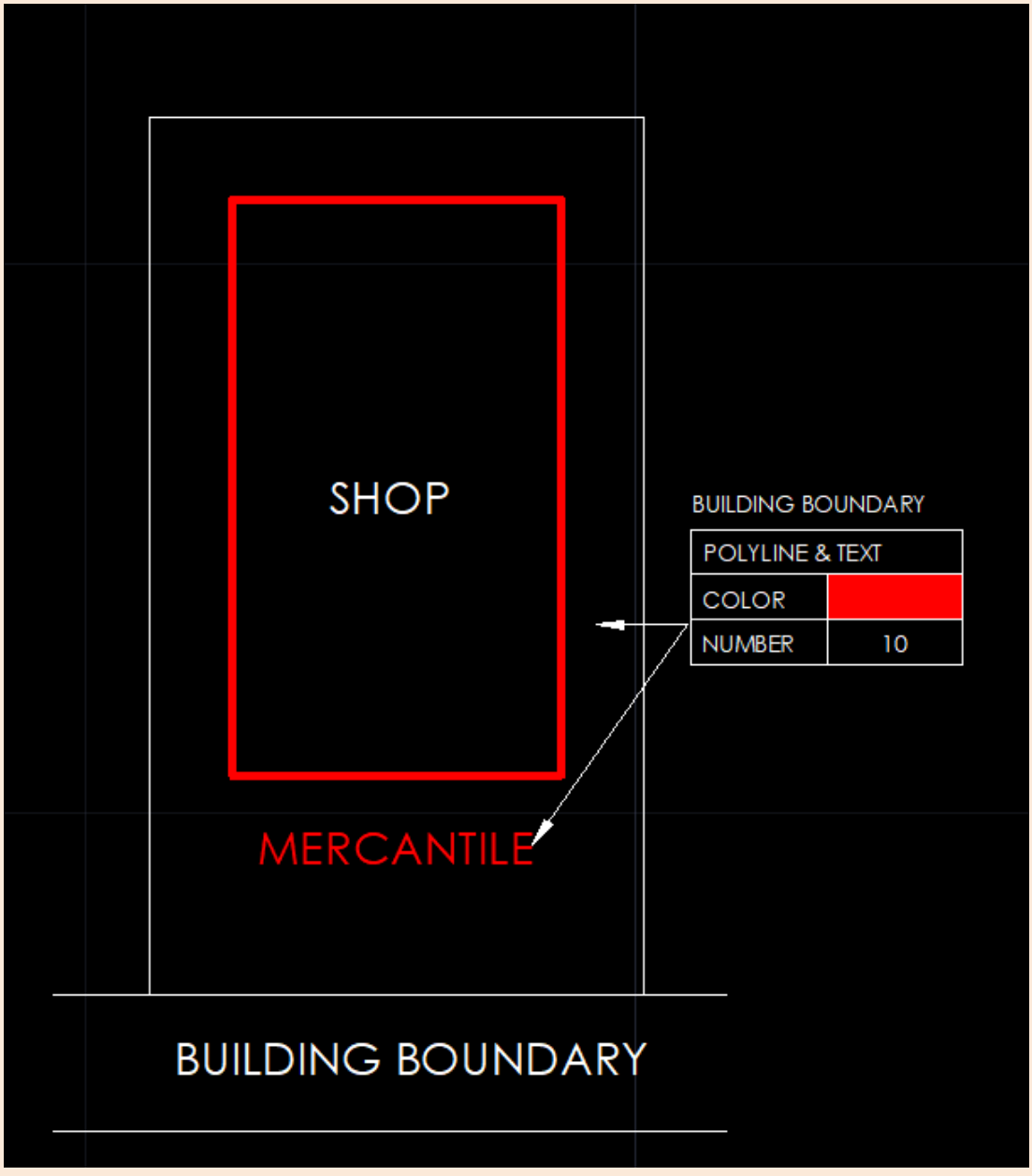
1. WC
2. BATHROOM
3. COMBINED BATHROOM AND WC
4. WC WITH WASH BASIN STORE ROOM
5. PUBLIC MALE TOILET AND PUBLIC FEMALE TOILET

5. Screenshots of the Parameters

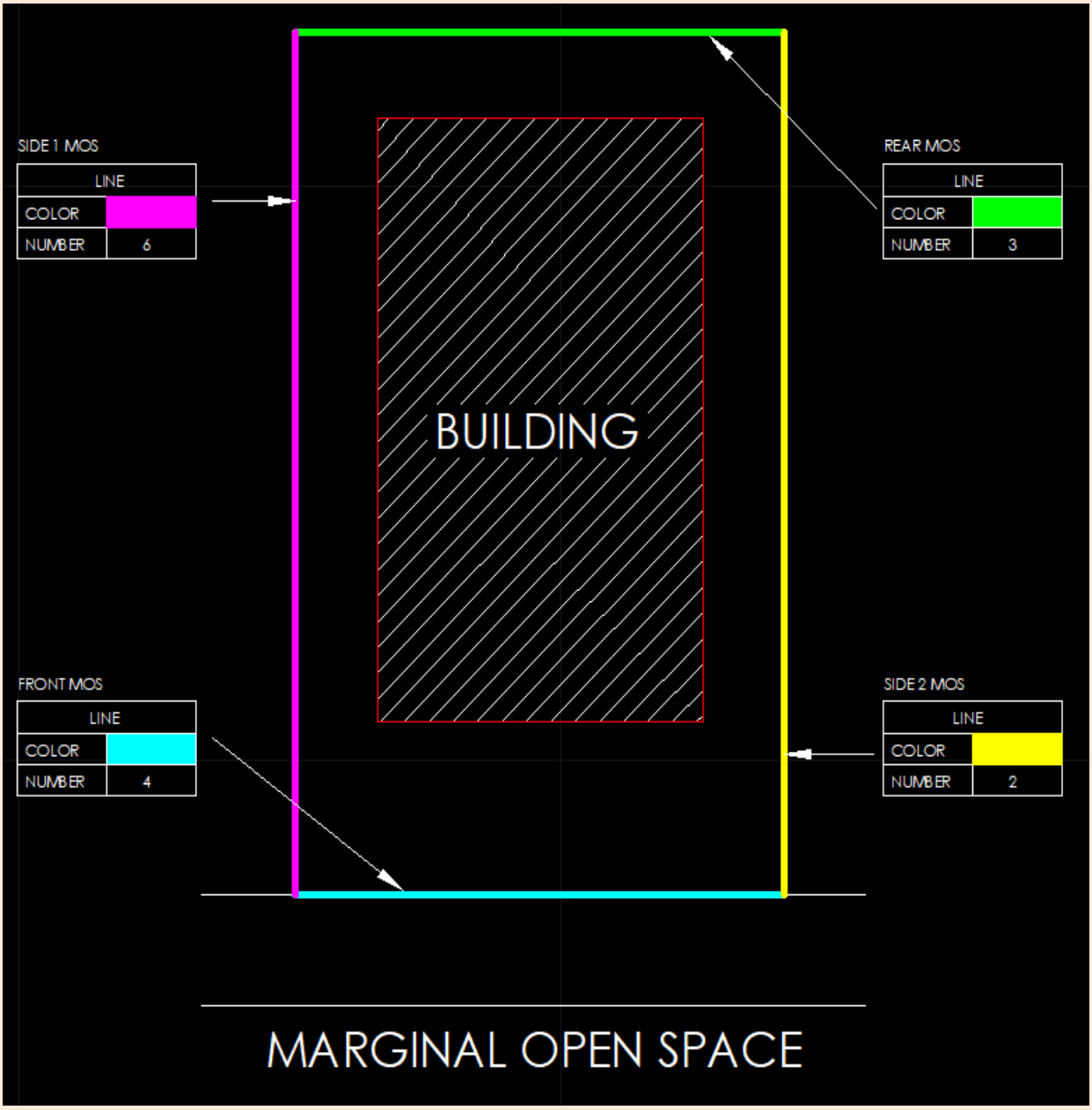
S.No	Description	Layer
01	Plot Boundary shall be drawn as Polyline in Color No. 7.	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-EX



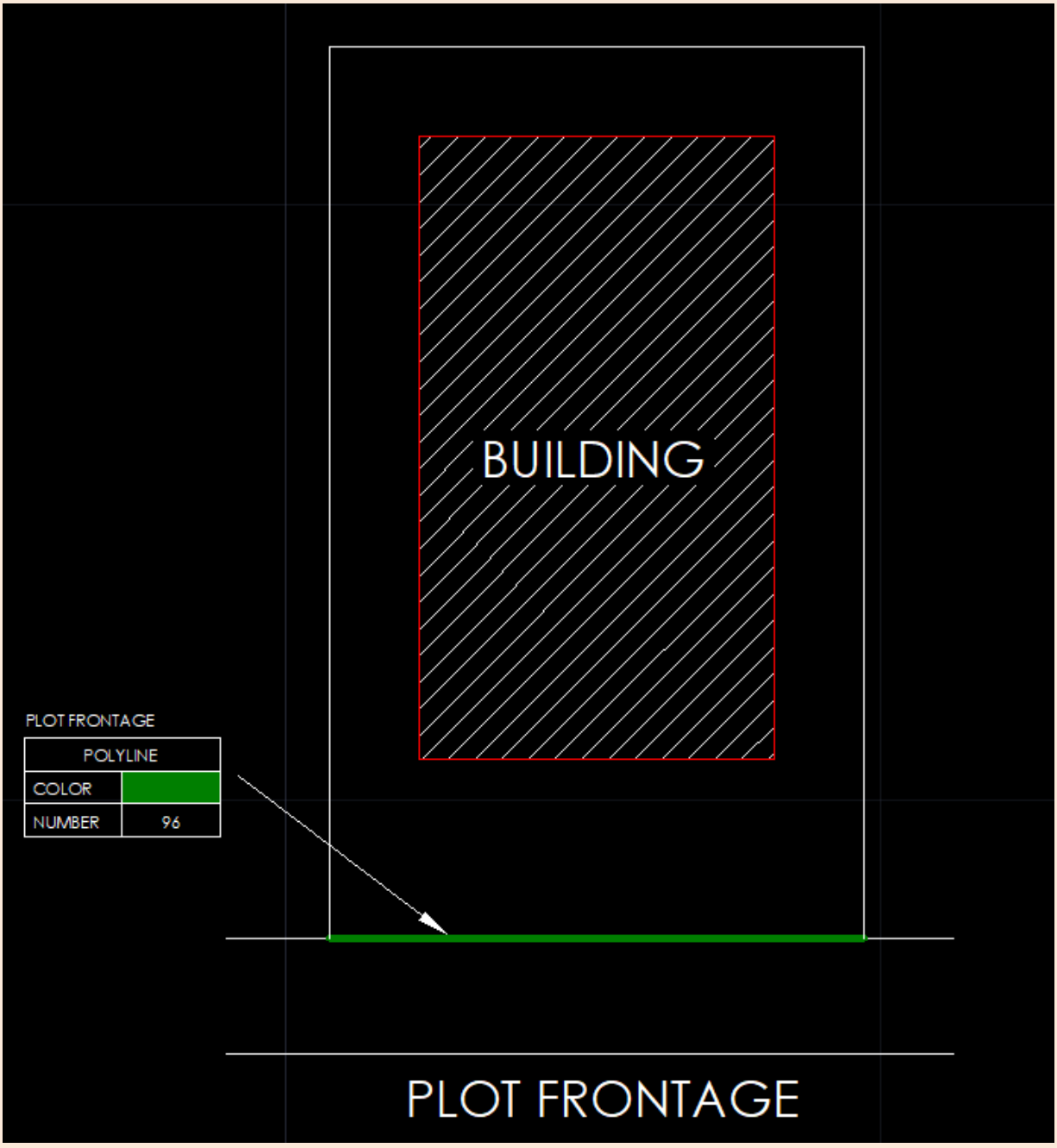
S.No	Description	Layer
02	Building Boundary [Building Foot Print] Shall Be drawn as Polyline in Color No. 10.	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-EX



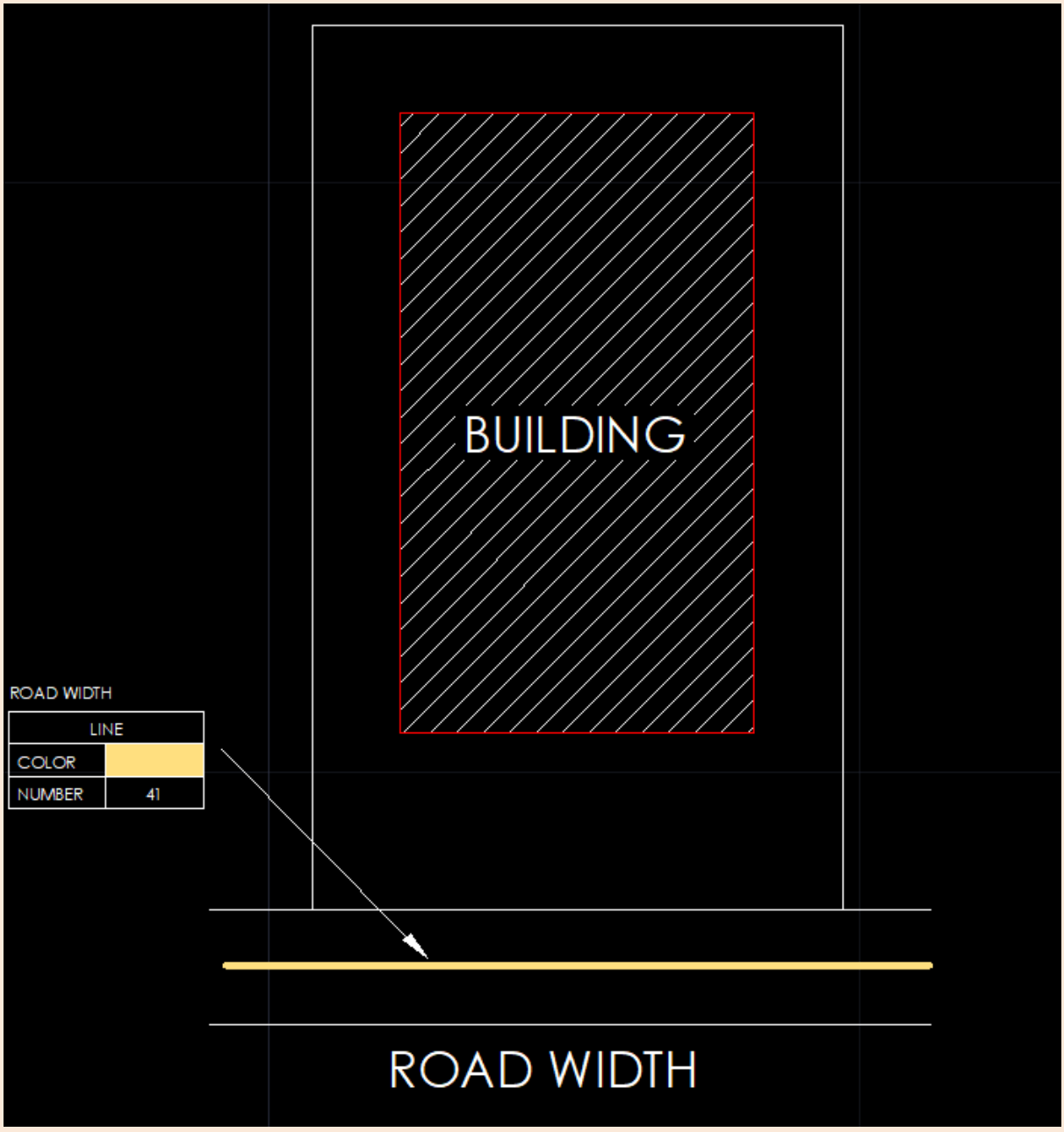
S.No	Description	Layer
03	Front Setback shall be drawn as Line in Color No. 4. Side 1 Setback shall be drawn as Line in Color No. 6. Side 2 margin shall be drawn as Line in Color No. 2. Rear Setback shall be drawn as Line in Color No. 3. Note: It Should Be Drawn on The Plot Boundary.	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-EX



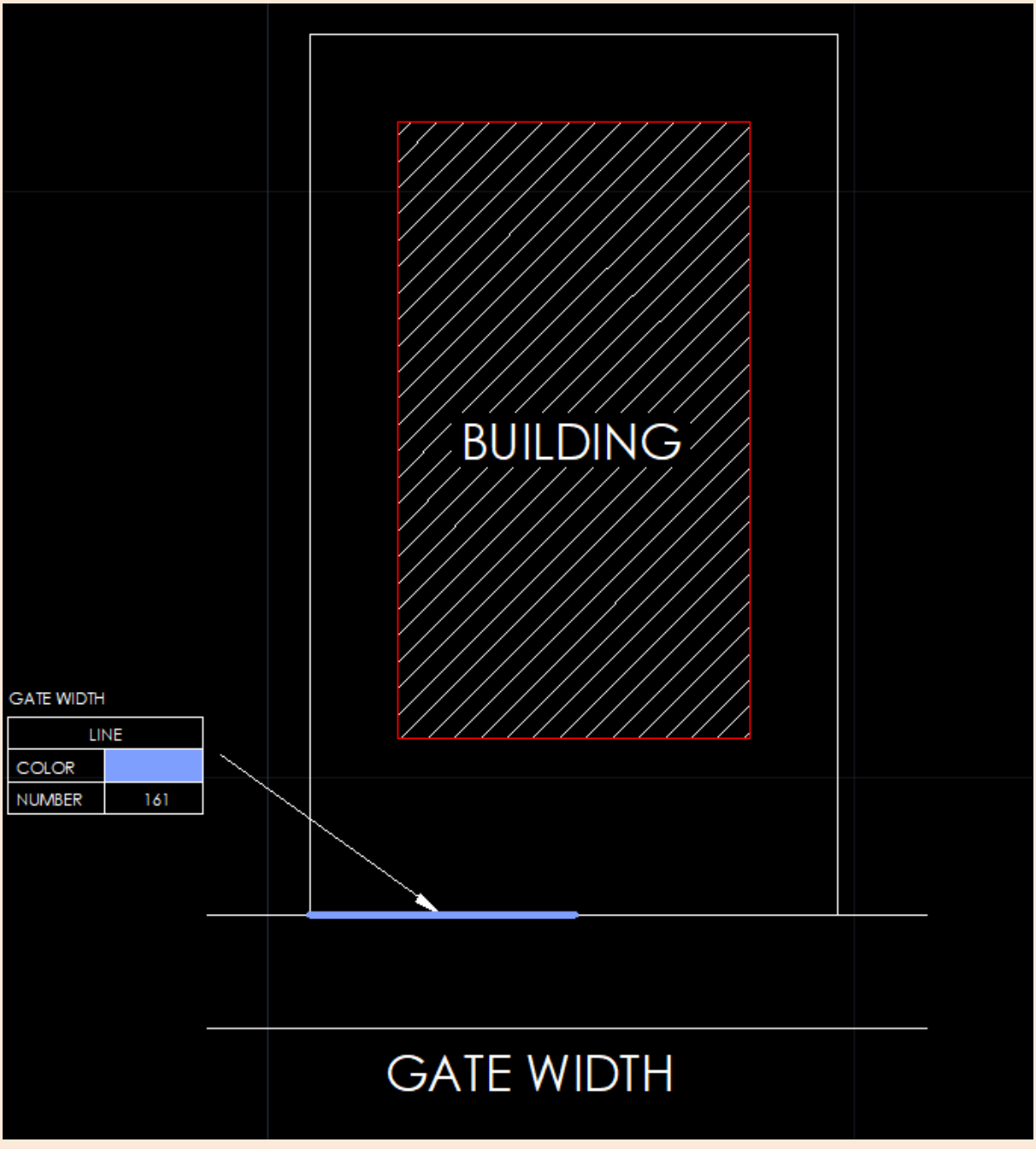
S.No	Description	Layer
04	Plot Frontage / Plot Width of Site Shall Be Drawn as Open Polyline in Color No 96.	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-EX



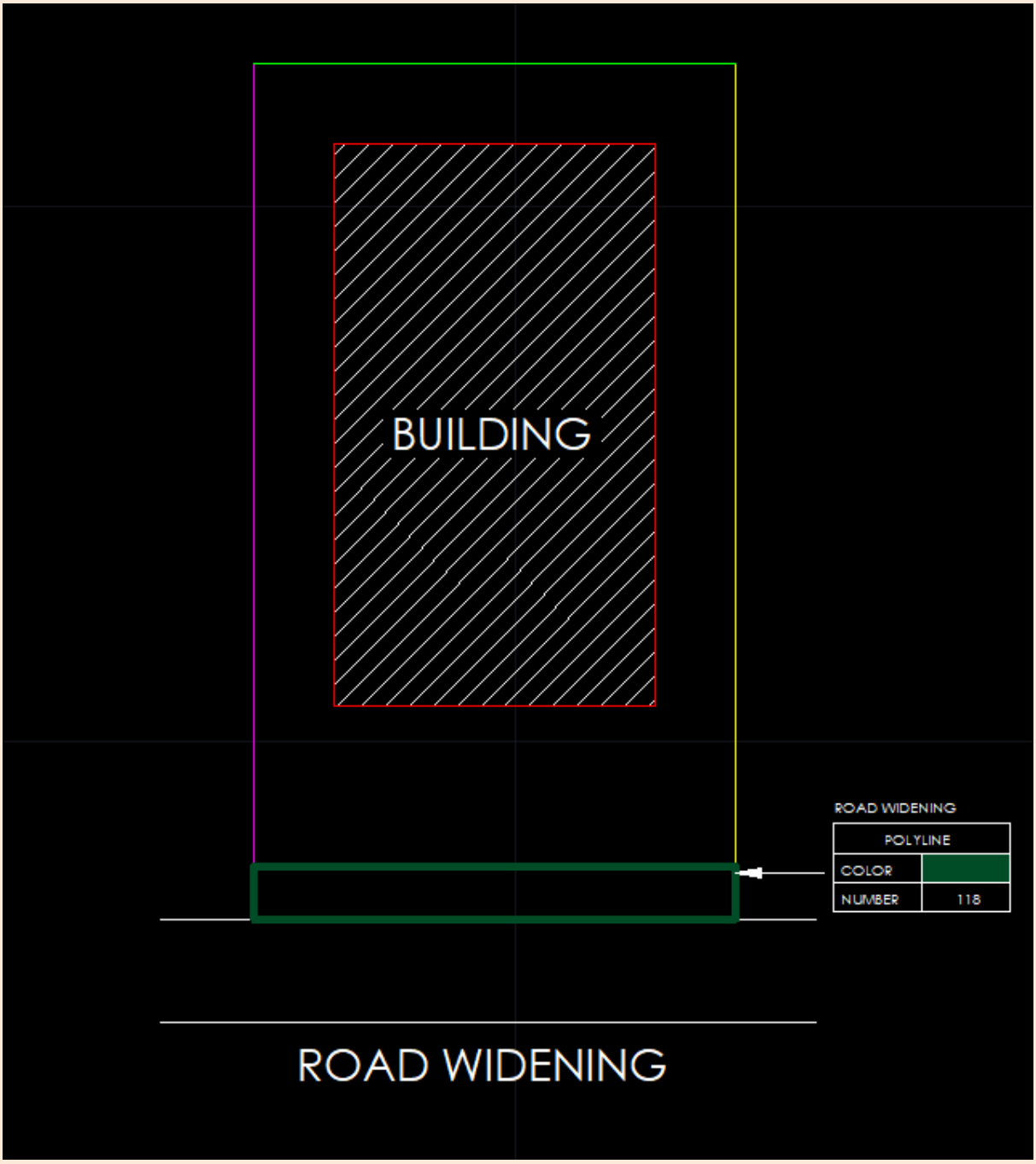
S.No	Description	Layer
05	Road width shall be drawn as line in Color No. 41. Note: Length of the line should be equal to road width. In the drawing, only one road width line shall be provided. If the site abuts more than one road, that provision shall be included in the web input.	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-EX



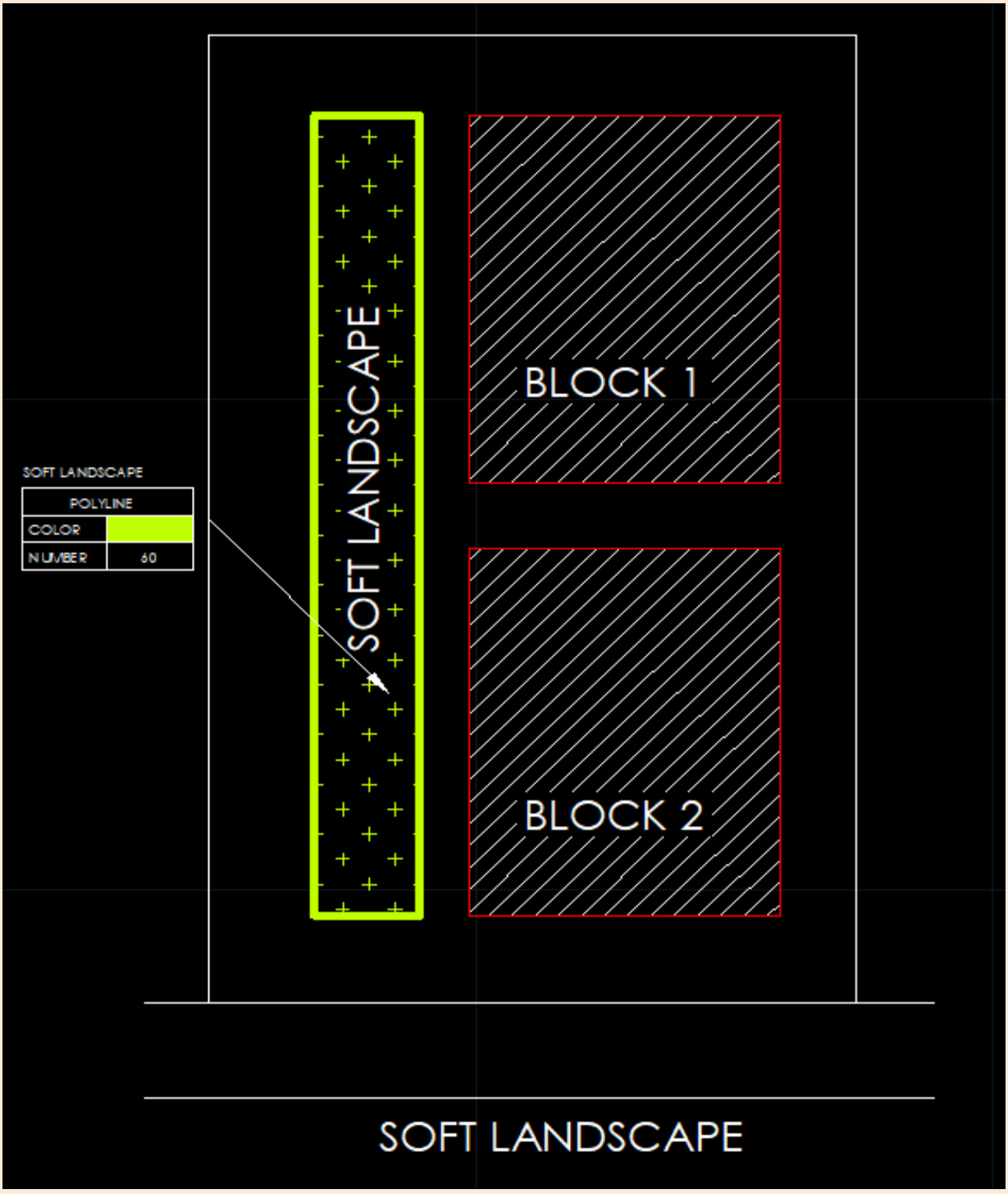
S.No	Description	Layer
06	Gate shall be drawn as line in Color No. 161.	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-EX



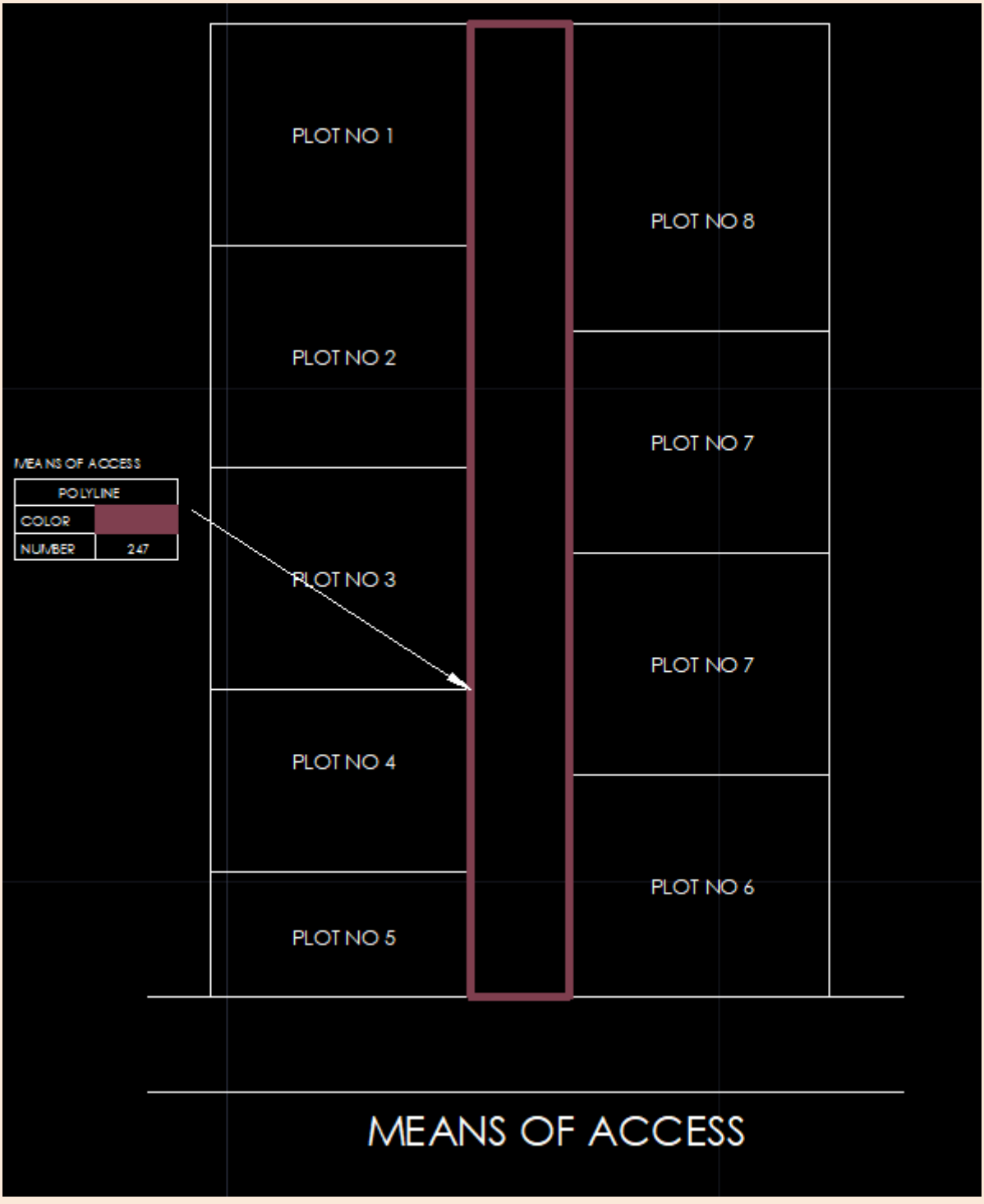
S.No	Description	Layer
07	Road Widening shall be drawn as Polyline in Color No. 118.	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-EX



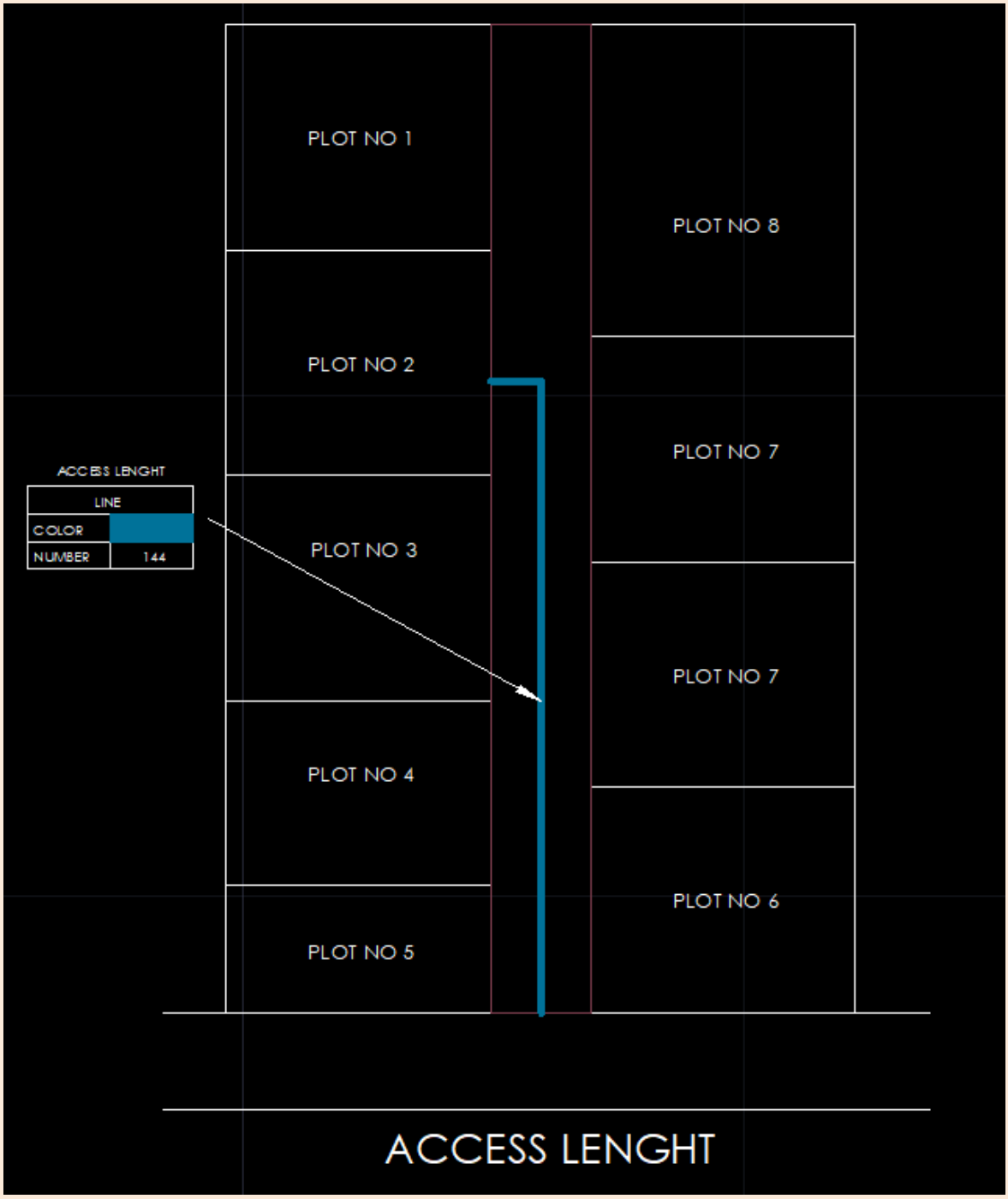
S.No	Description	Layer
08	Soft landscape shall be drawn as polyline in Color No. 60.	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-EX



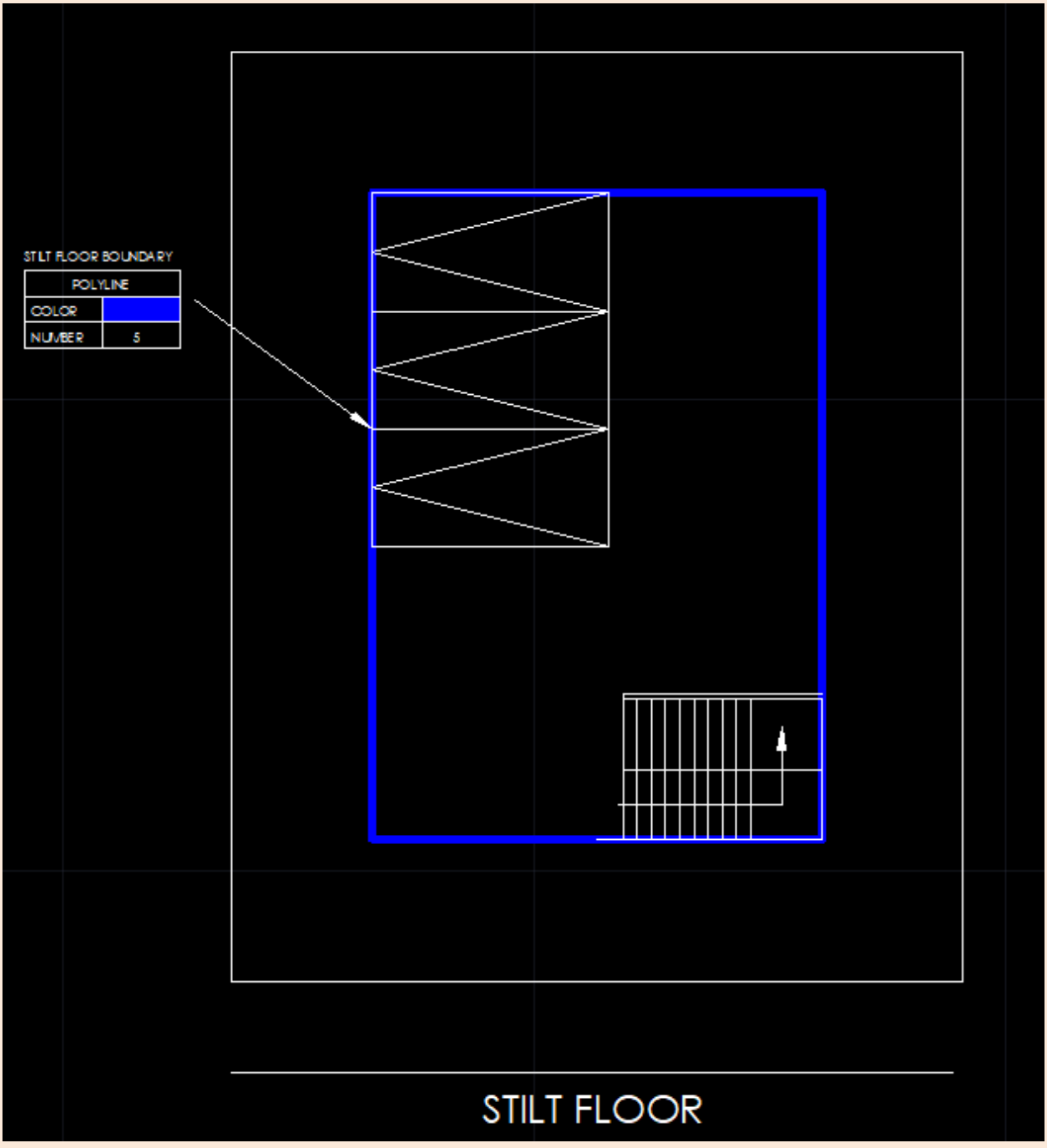
S.No	Description	Layer
09	Means of Access Shall be Drawn as Polyline in Color No. 247.	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-



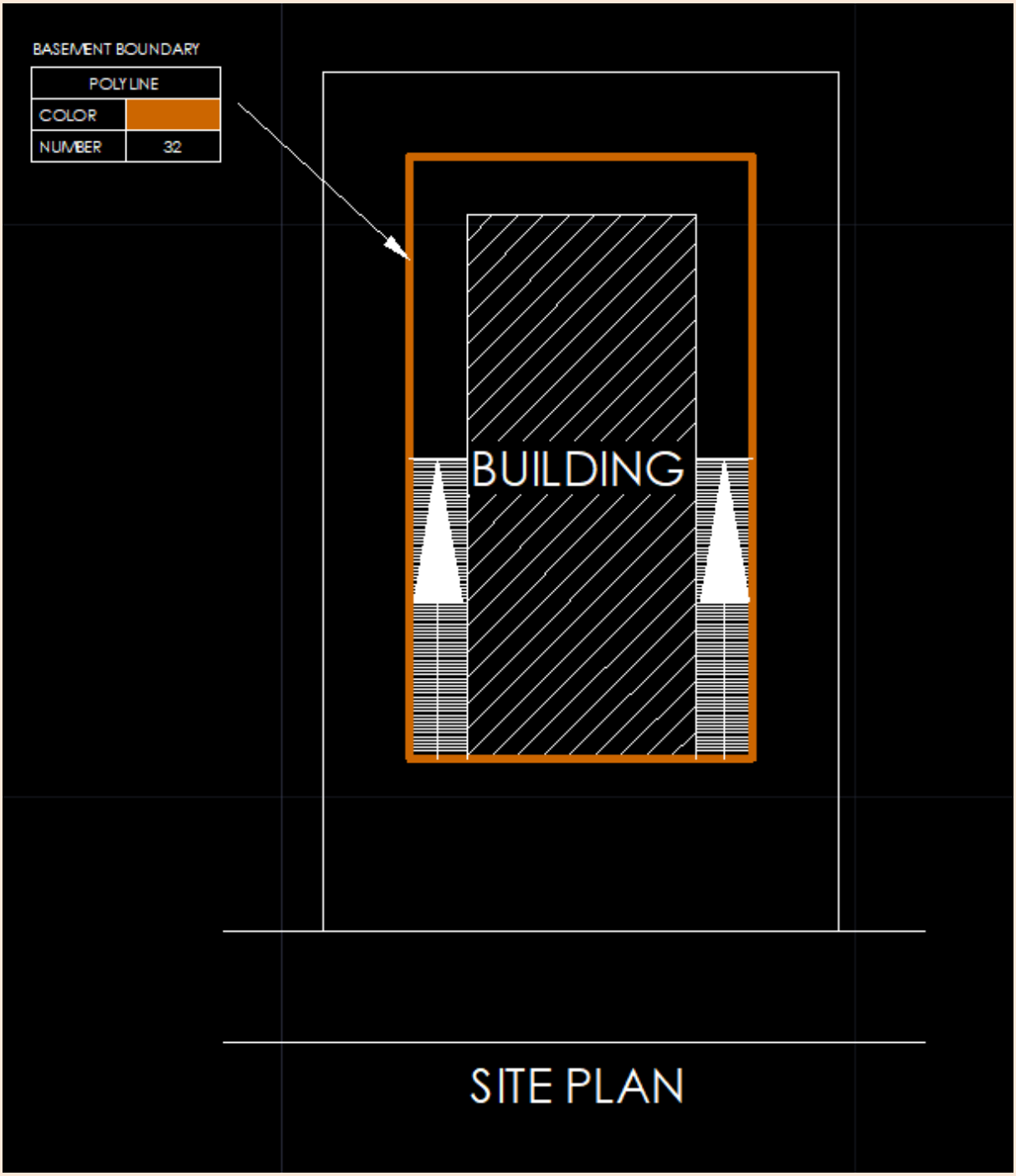
S.No	Description	Layer
10	Means of Access Length Shall be Drawn as Line in Color No. 144.	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-EX



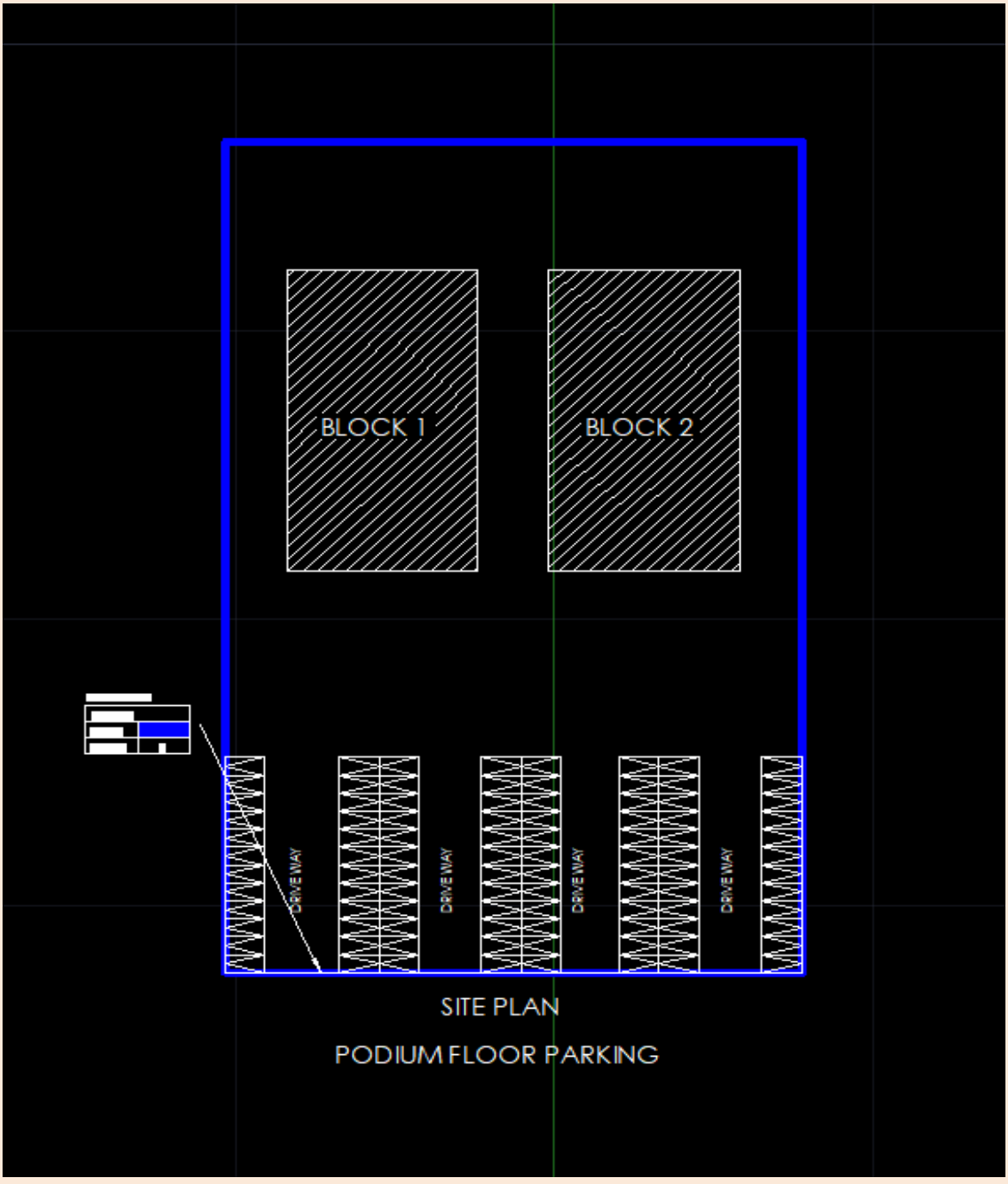
S.No	Description	Layer
11	Stilt Floor boundary shall be drawn as Polyline in Color No. 5.	FLOOR-STILT or FLOOR-STILT-EX



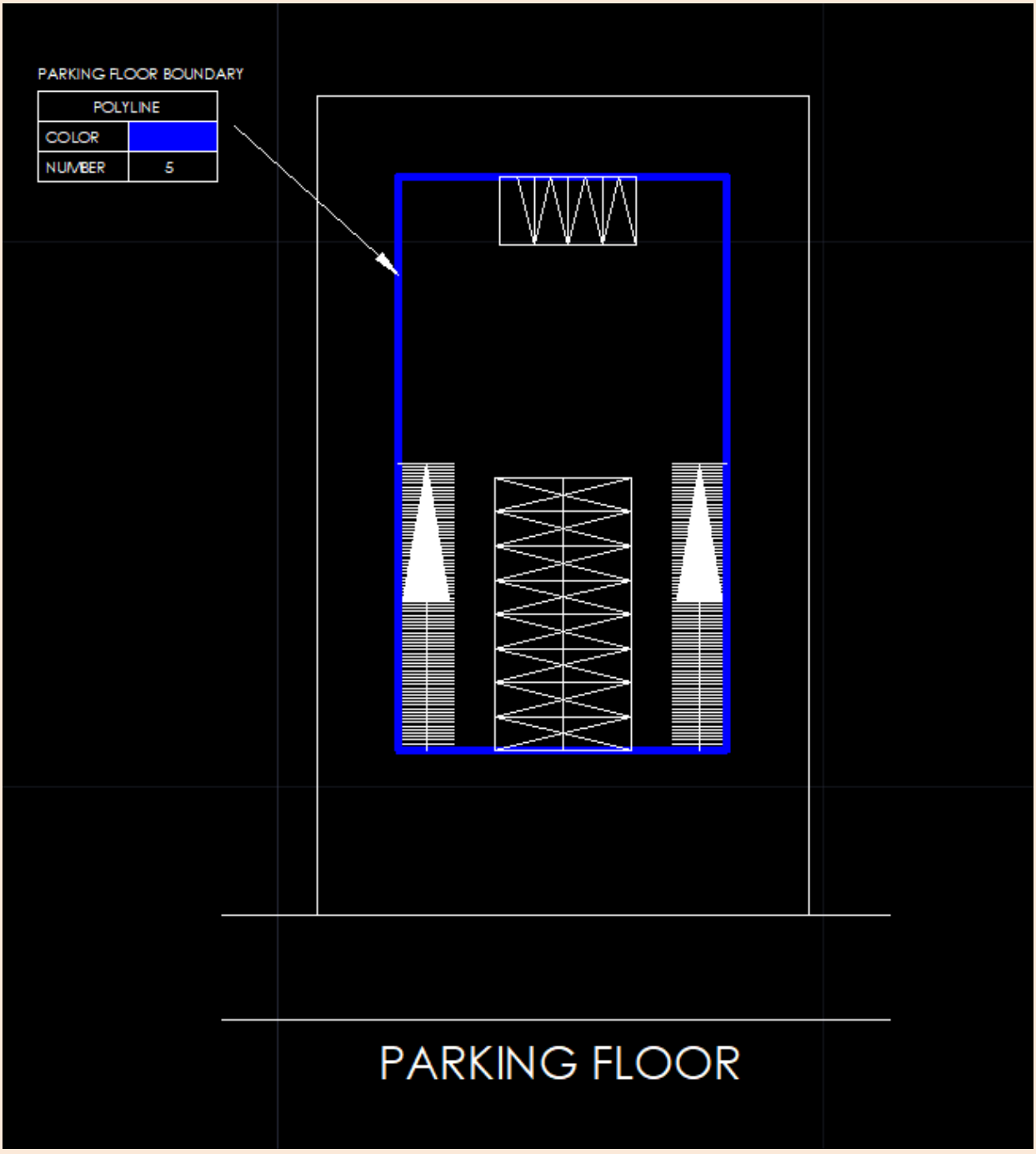
S.No	Description	Layer
12	Basement boundary shall be drawn as Polyline in Color No. 32. Note: It should be kept only in site plan.	FLOOR-BF1 or FLOOR-BF2 or FLOOR-BF1-EX or FLOOR-BF2-EX Etc.



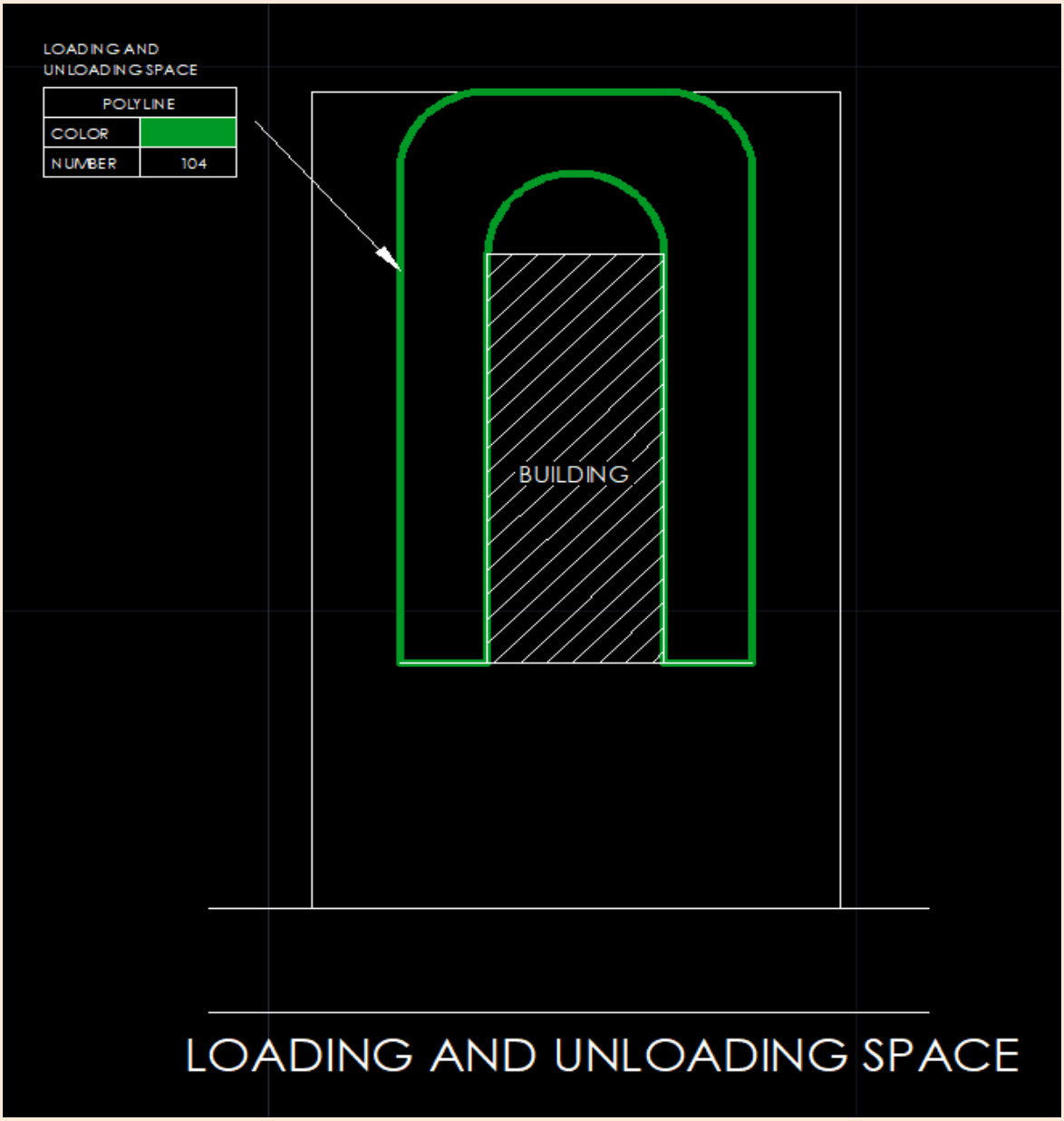
S.No	Description	Layer
13	Podium Floor boundary shall be drawn as Polyline in Color No. 5.	FLOOR-PODIUM or FLOOR-PODIUM-EX



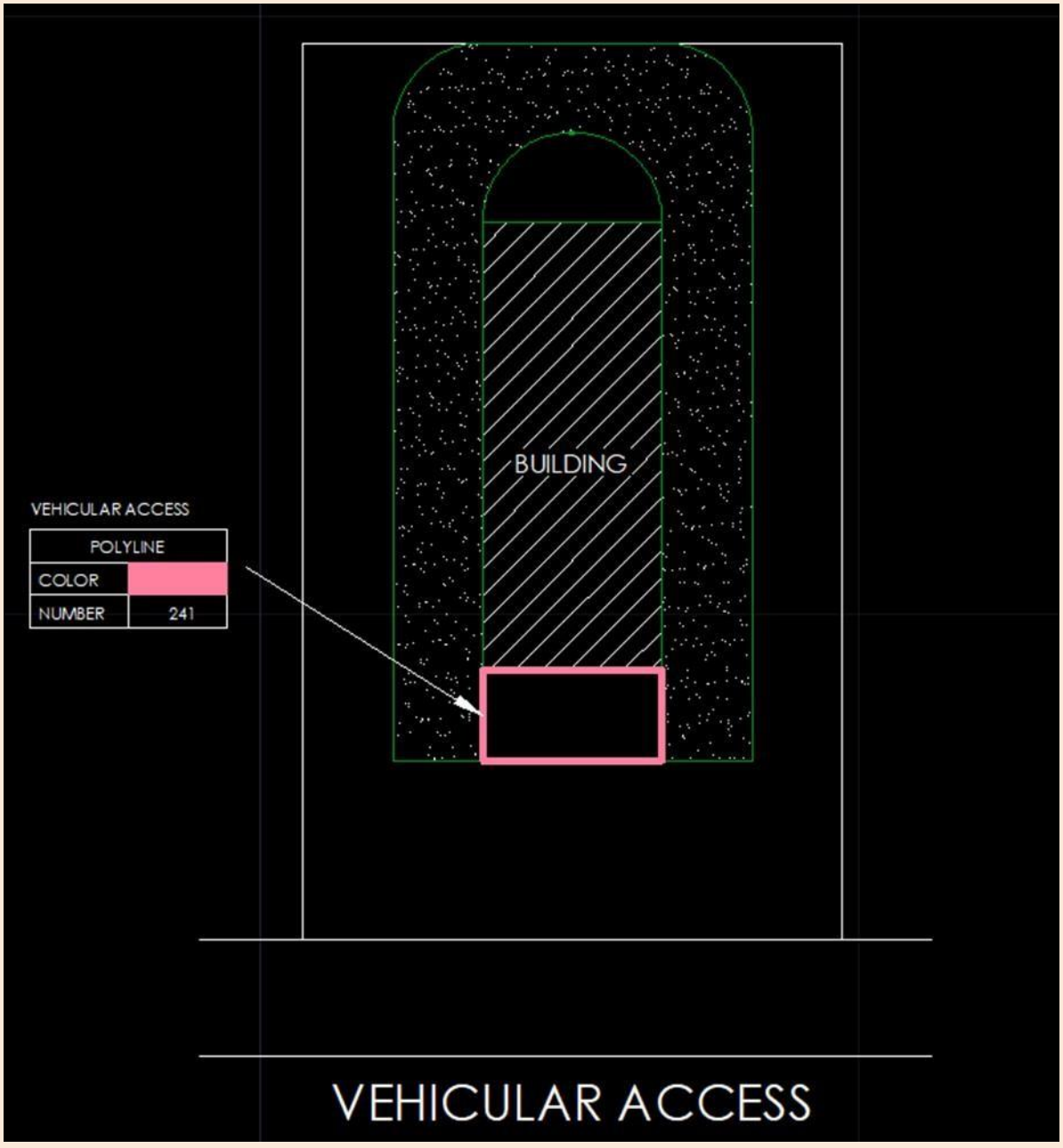
S.no.	Description	Layer
14	Parking Floor boundary shall be drawn as Polyline in Color No. 5.	FLOOR-PARKING or FLOOR-PARKING-EX



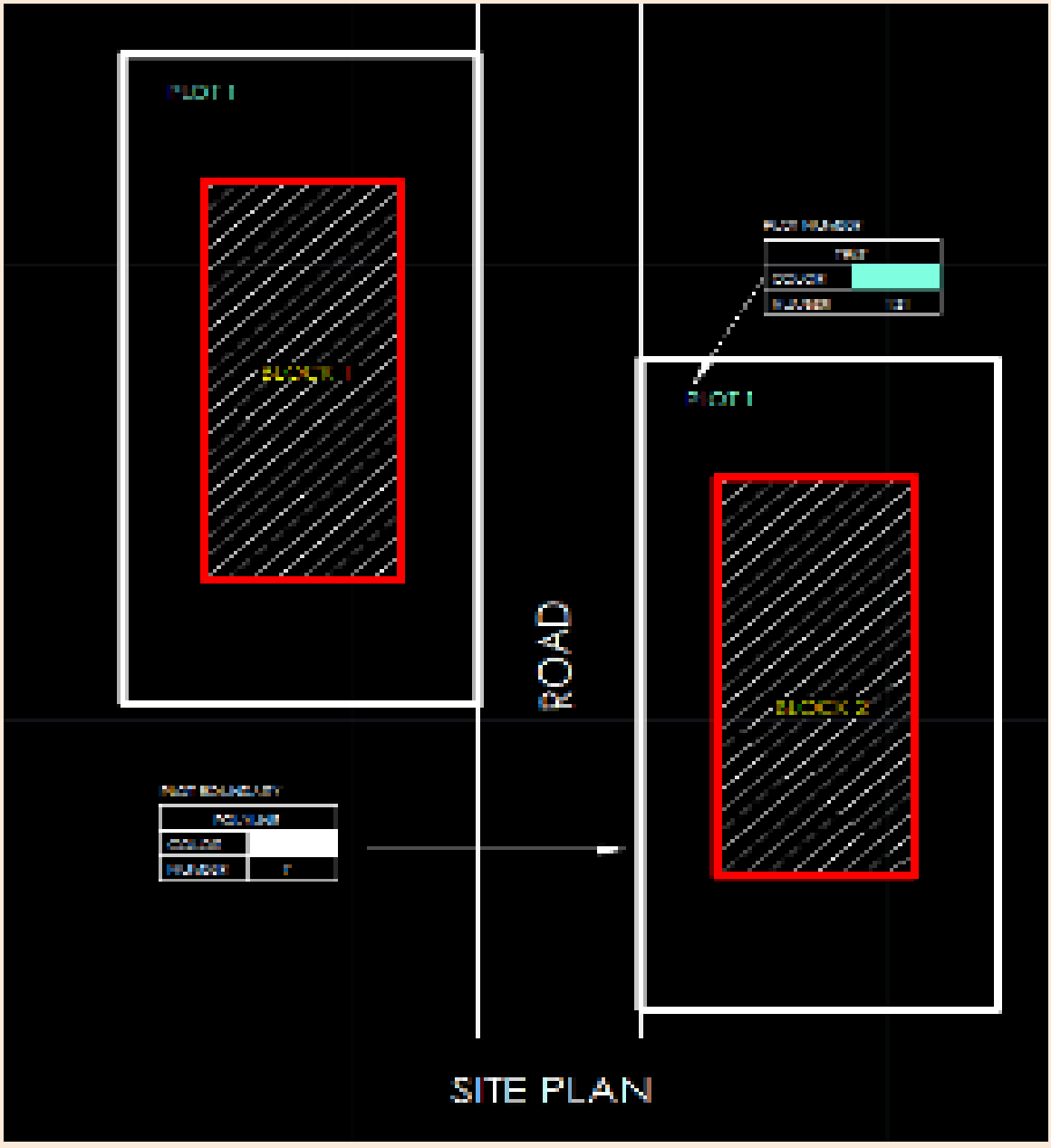
S.no.	Description	Layer
15	Loading and unloading space shall be drawn as polyline in Color No. 104.	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-



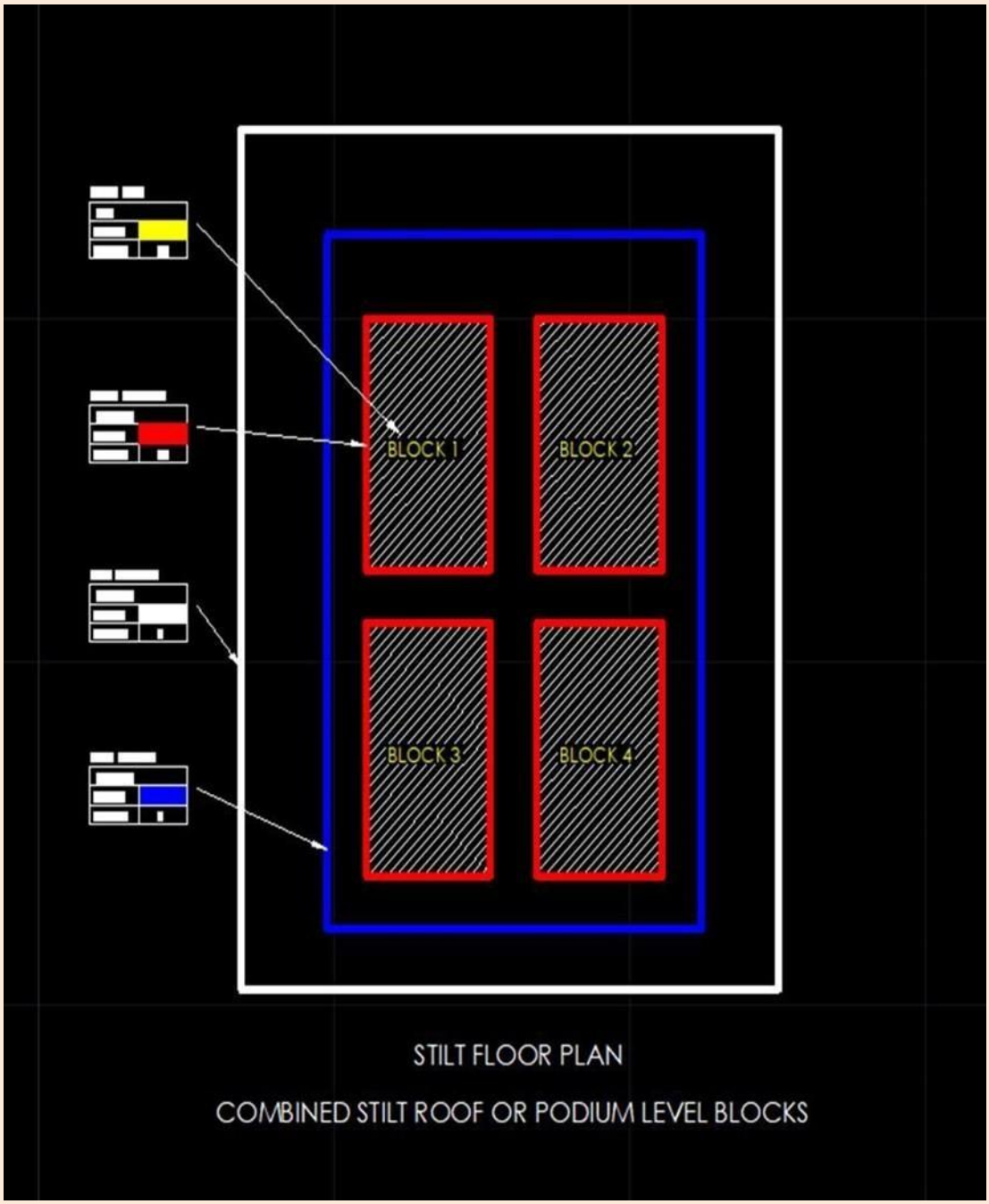
S.No	Description	Layer
16	Front clear space shall be drawn as polyline in Color No. 241.	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-EX



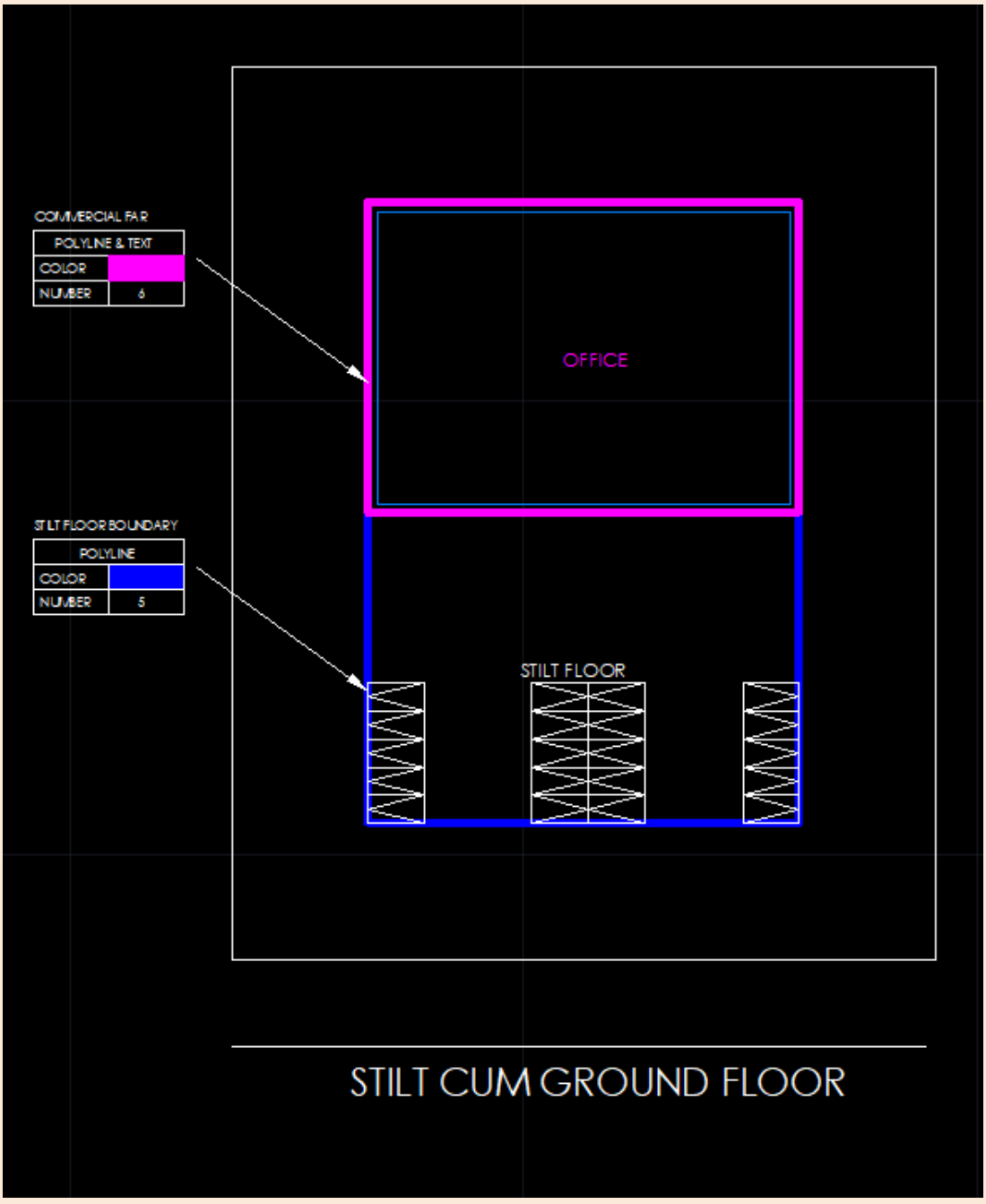
S.No	Description	Layer
17	Plot Boundary shall be drawn as Polyline in Color No. 7 for Each plot in Multiple Plot Boundary. Plot Number Should be Provide as Text in Color 121 Inside Plot Boundary.	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-EX



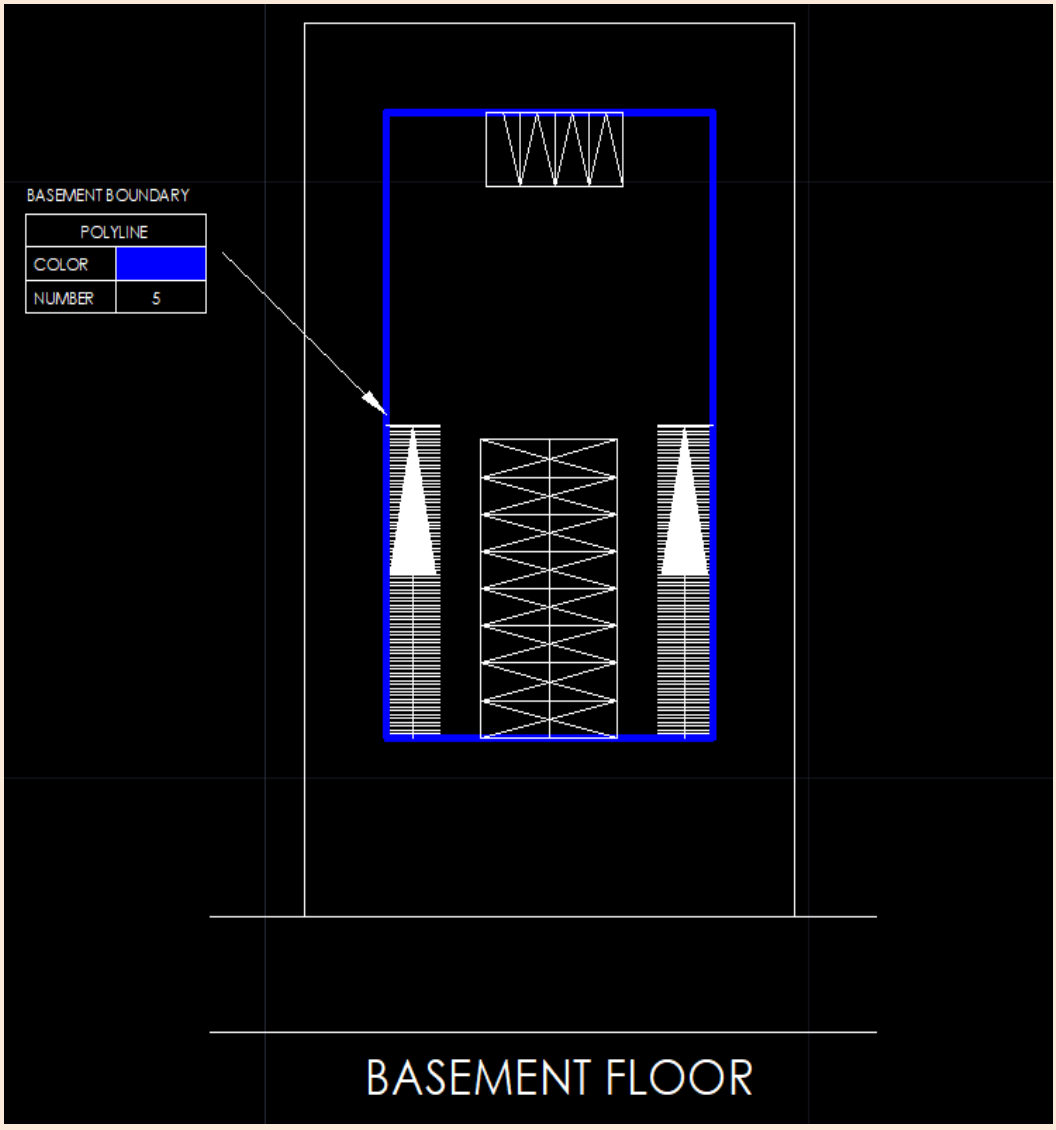
S.No	Description	Layer
18	If More Than One Block Above Stilt Floor Roof Level Is Provided Then Plot Boundary, Stilt Floor Boundary, Block Boundary Should be in Floor - Stilt Layer. Note: Same For Floor - Podium Layer	FLOOR-STILT or FLOOR-PODIUM or FLOOR-STILT-EX or FLOOR-PODIUM-EX



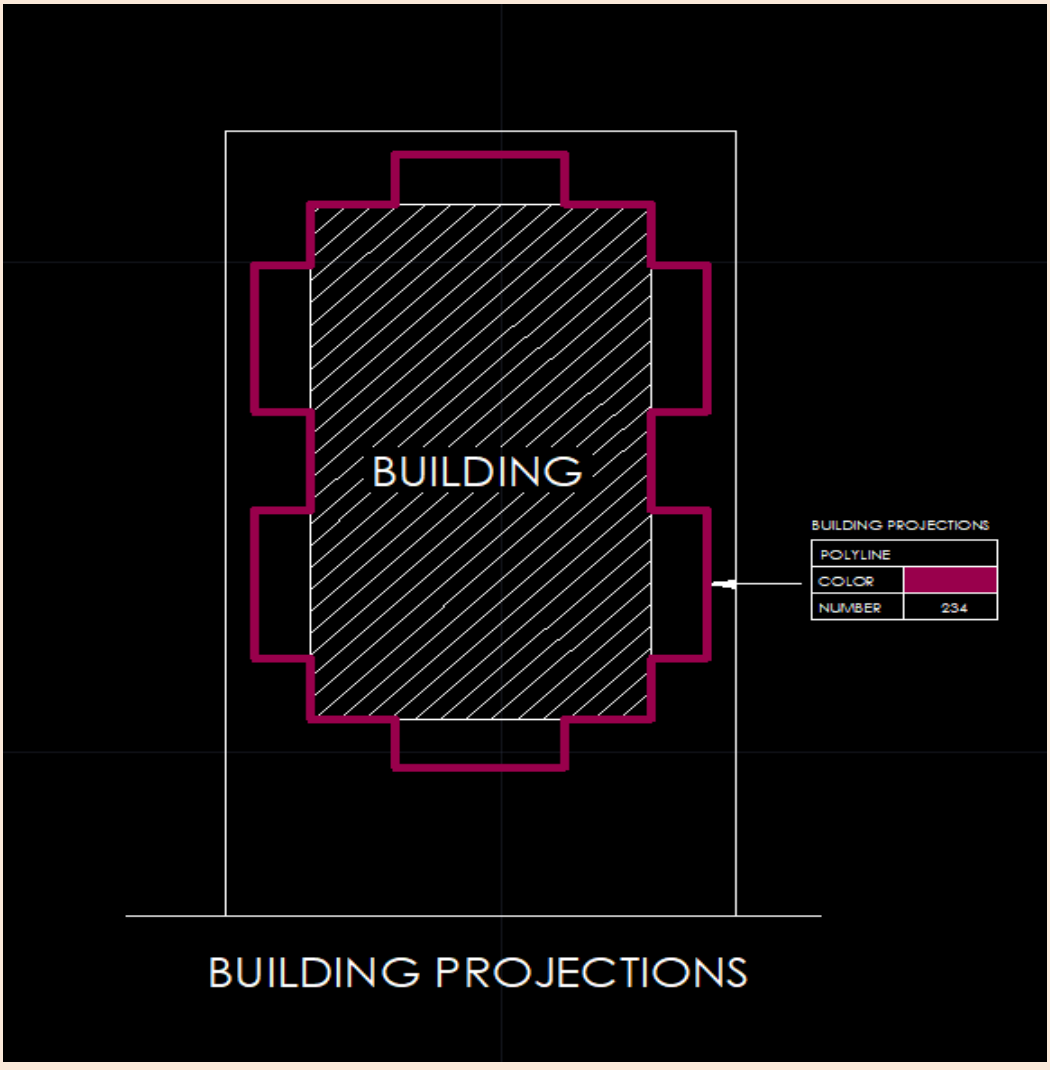
S.No	Description	Layer
19	In case of Partly Stilt cum ground floor, the FAR area shall be drawn in 6 color polyline in FLOOR-GROUND Layer and text to be kept in the same Layer and the parking area shall be drawn in 5 color polyline in FLOOR-STILT Layer.	FLOOR-GROUND And FLOOR-STILT



S.No	Description	Layer
20	Basement parking area shall be drawn as Polyline in Color No. 5.	FLOOR-BF1 or FLOOR-BF2 or FLOOR-BF1-EX or FLOOR-BF2-EX Etc



S No.	Description	Layer
21	If Projected balcony or other projections comes at first or higher floors with some clearance from plot boundary then such projections shall be drawn as Polyline in Color No. 234 and it shall be placed in the lower most level plan. Note: Sunshade shall not be included in building projection polyline. For Group development drawing, building projection polyline has to be kept only in the site plan. It should not be kept inside block distinguisher color 50 polyline.	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-EX



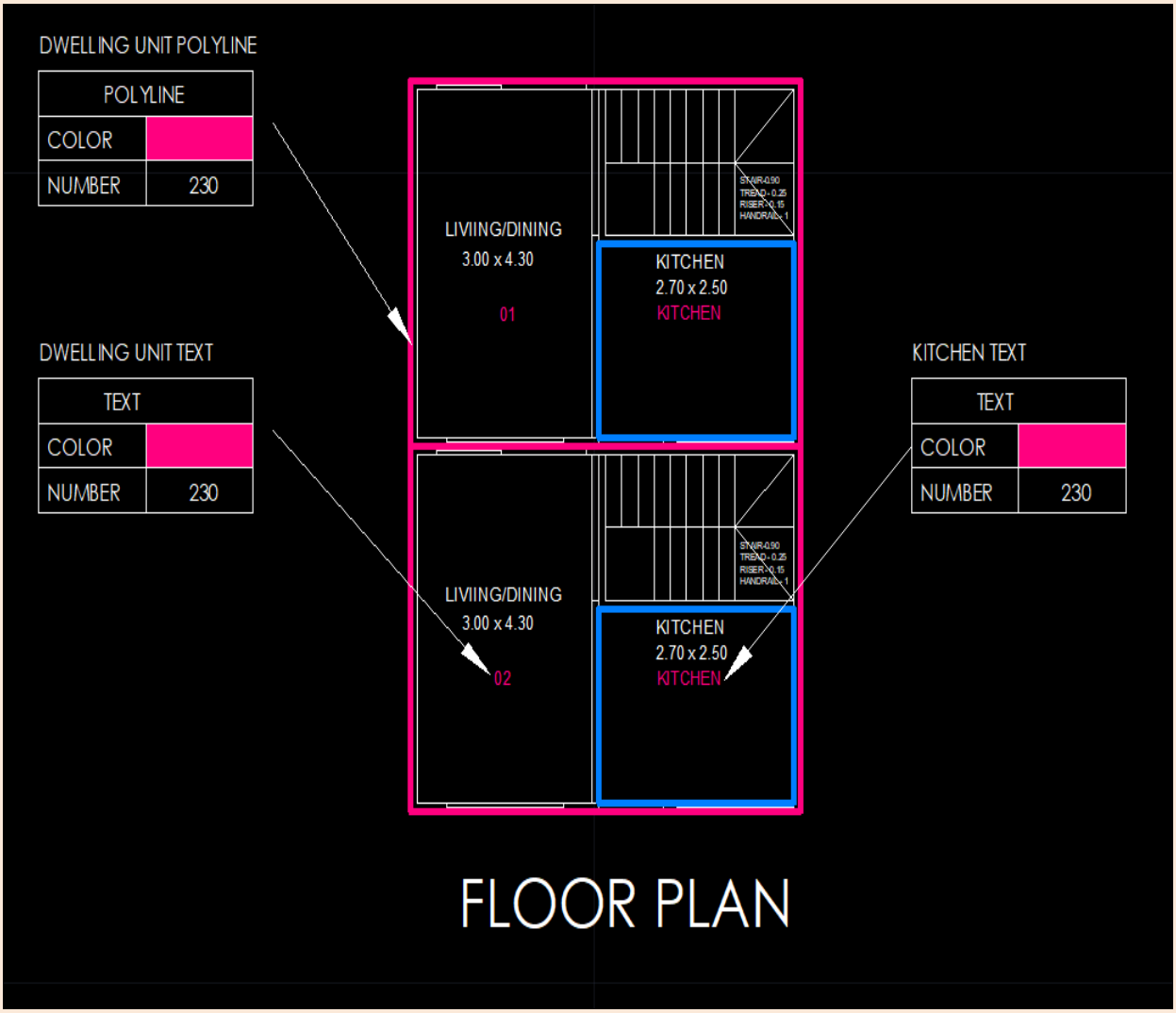
S.No.	Description	Layer
22	Projecting room shall be drawn as Polyline in Color No. 203.	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-EX



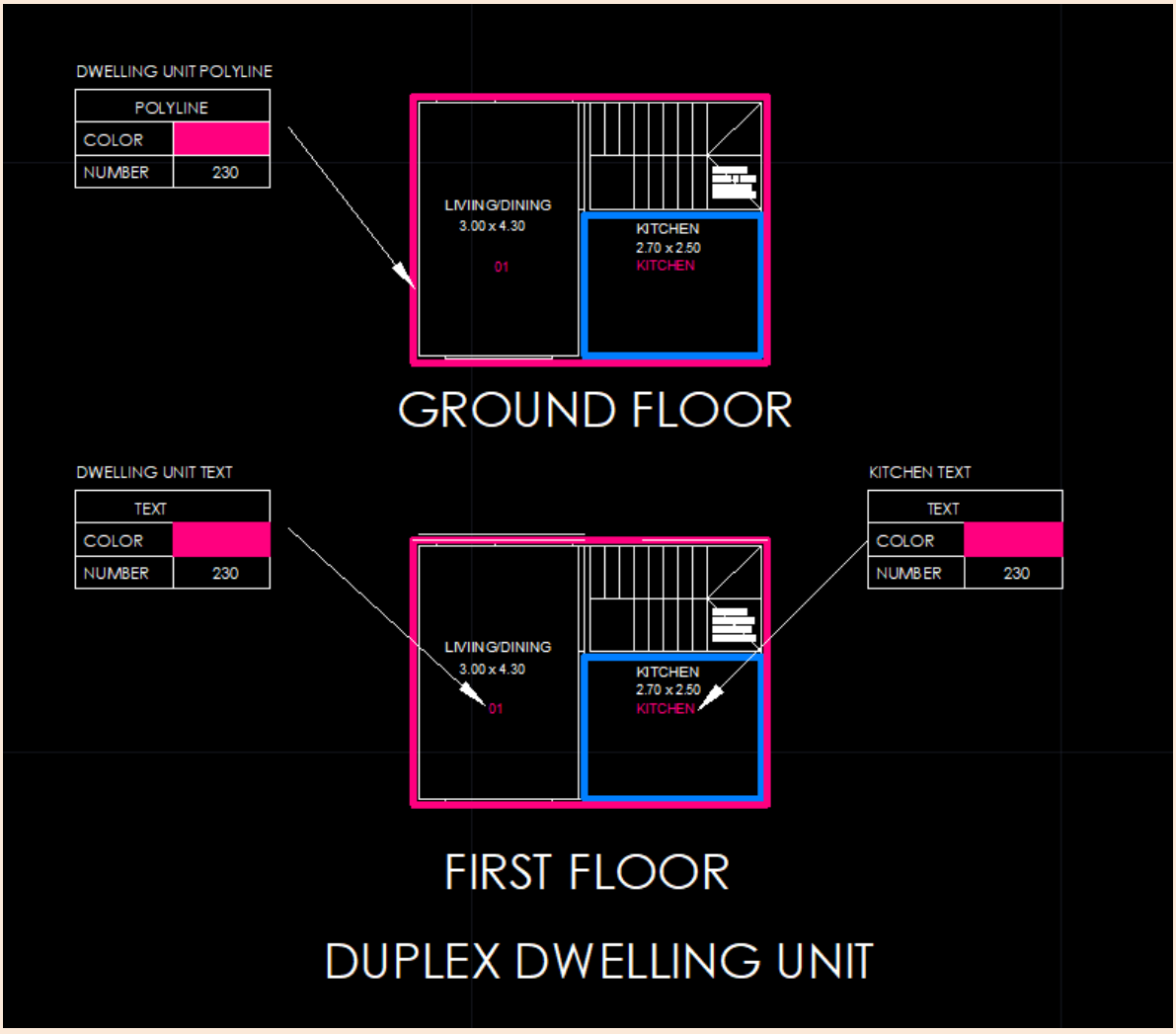
S.No.	Description	Layer
23	Residential FAR shall be drawn as Polyline in Color No. 181.	Applicable Floor



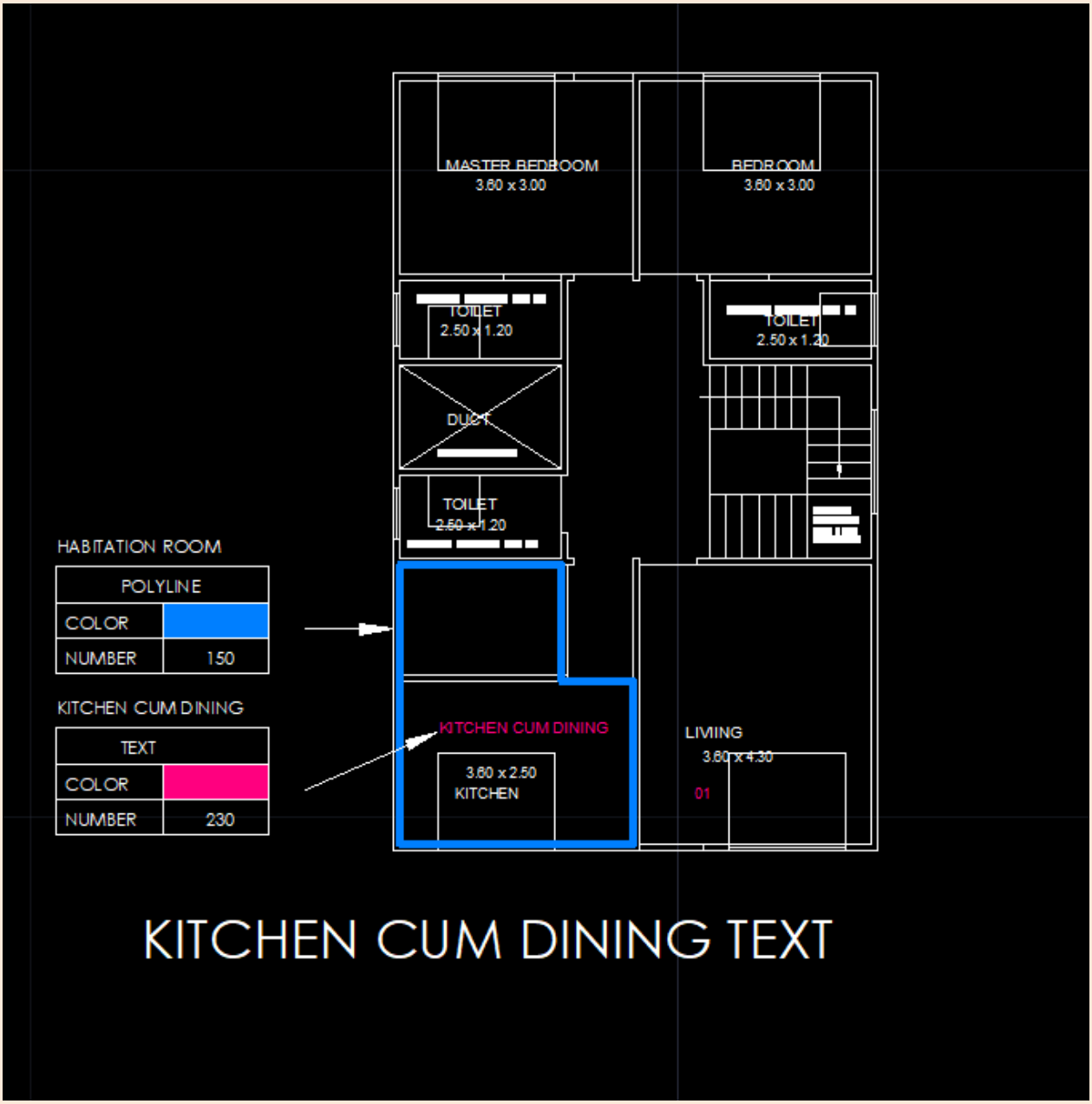
S.No.	Description	Layer
24	Each and every Dwelling unit shall be drawn as Polyline in Color No. 230 and Kitchen text with Dwelling unit text shall be kept inside 230 Color Polyline. Note: If drawing contains more than one floor, dwelling unit number should be same in all the floors and it will be considered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



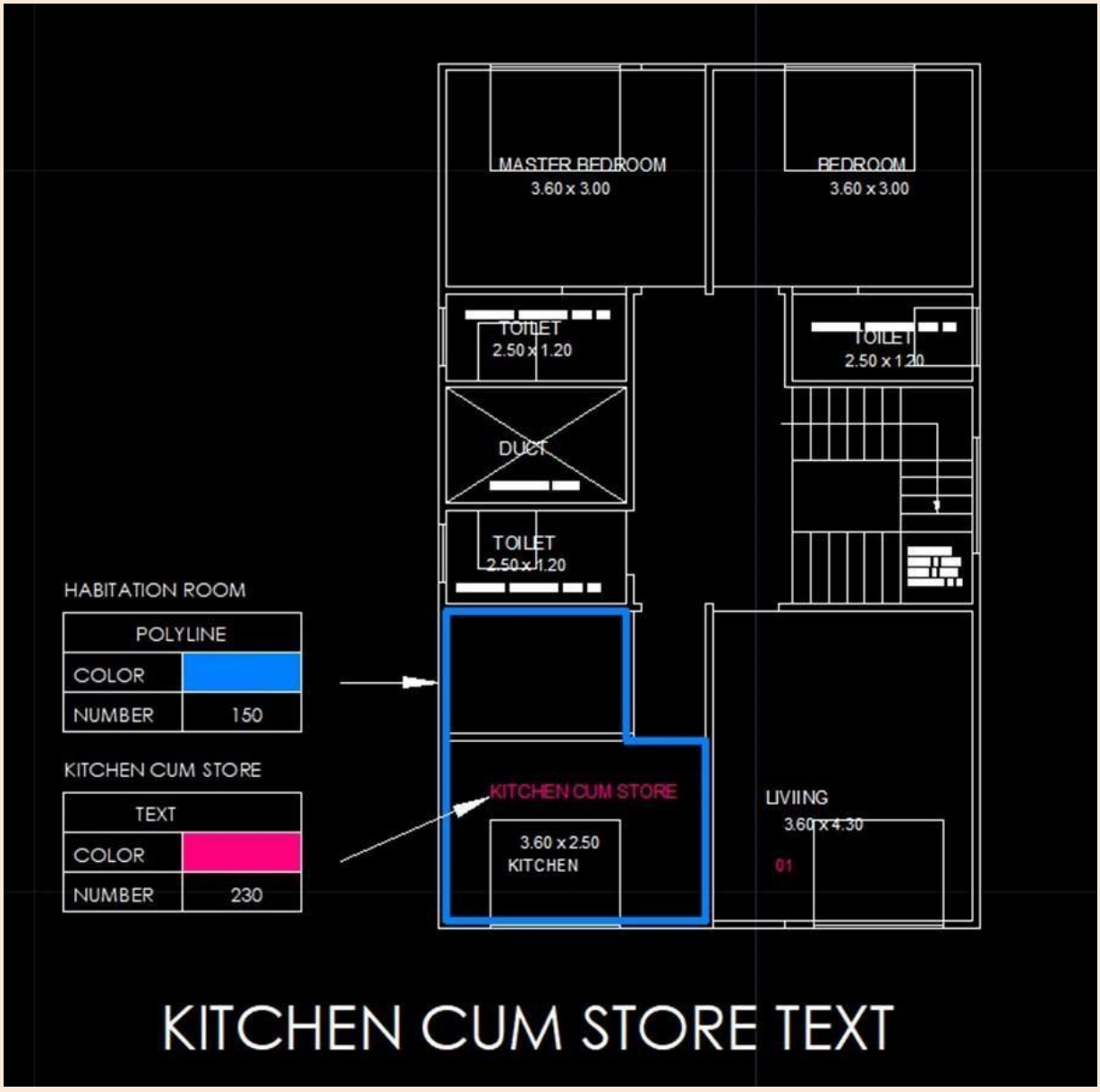
S.NO.	Description	Layer
25	If the same building contains more than one floor forming a single dwelling unit, the floor where Kitchen is present should have Kitchen text in color no. 230. The other floors should have either KITCHEN-BELOW or KITCHEN-ABOVE text depending on its position. For example if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



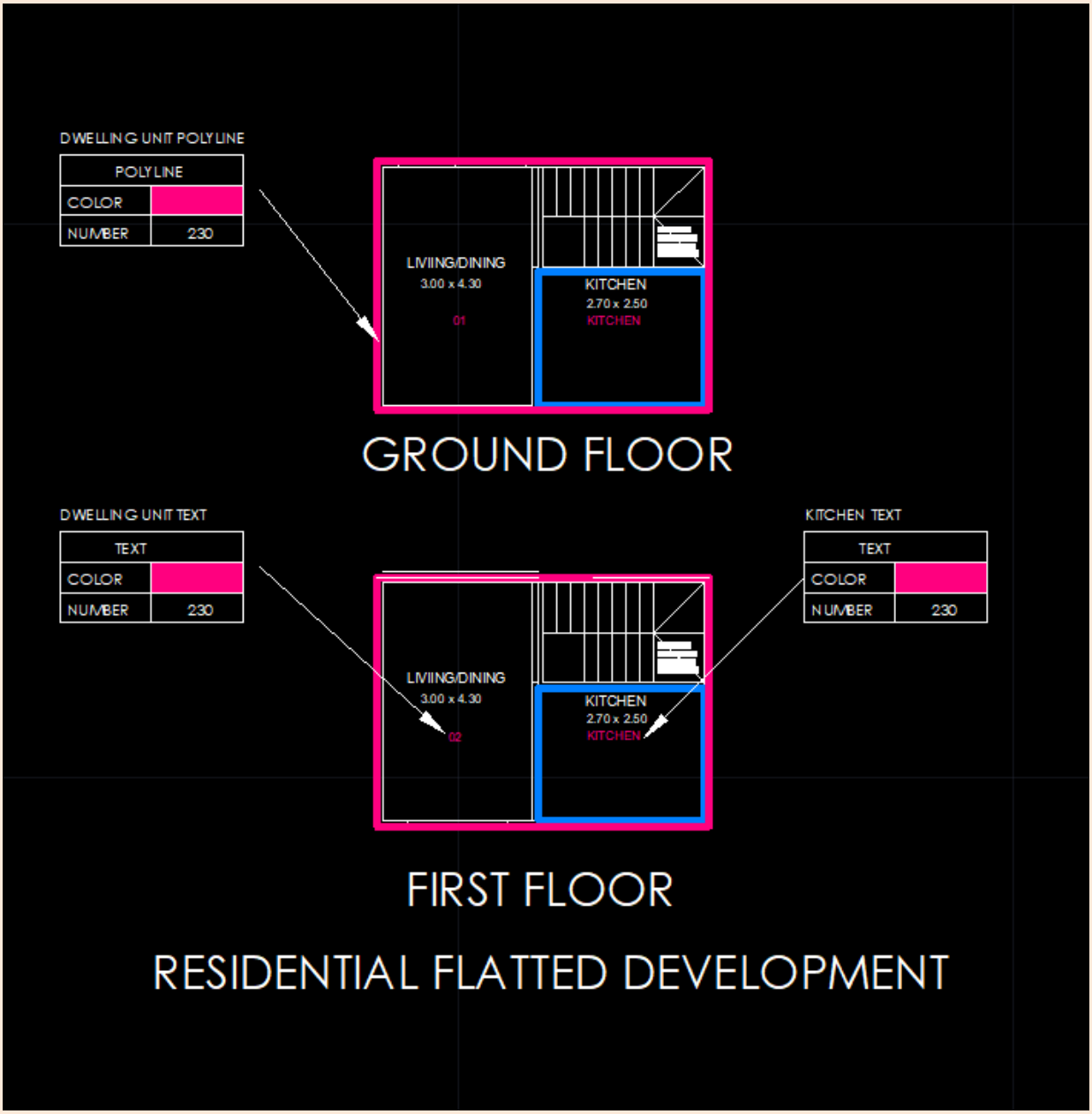
S.No.	Description	Layer
26	Kitchen cum dining shall be drawn as Polyline in Color No. 150 and text shall be placed in Color No. 230.	Applicable Floor Layer



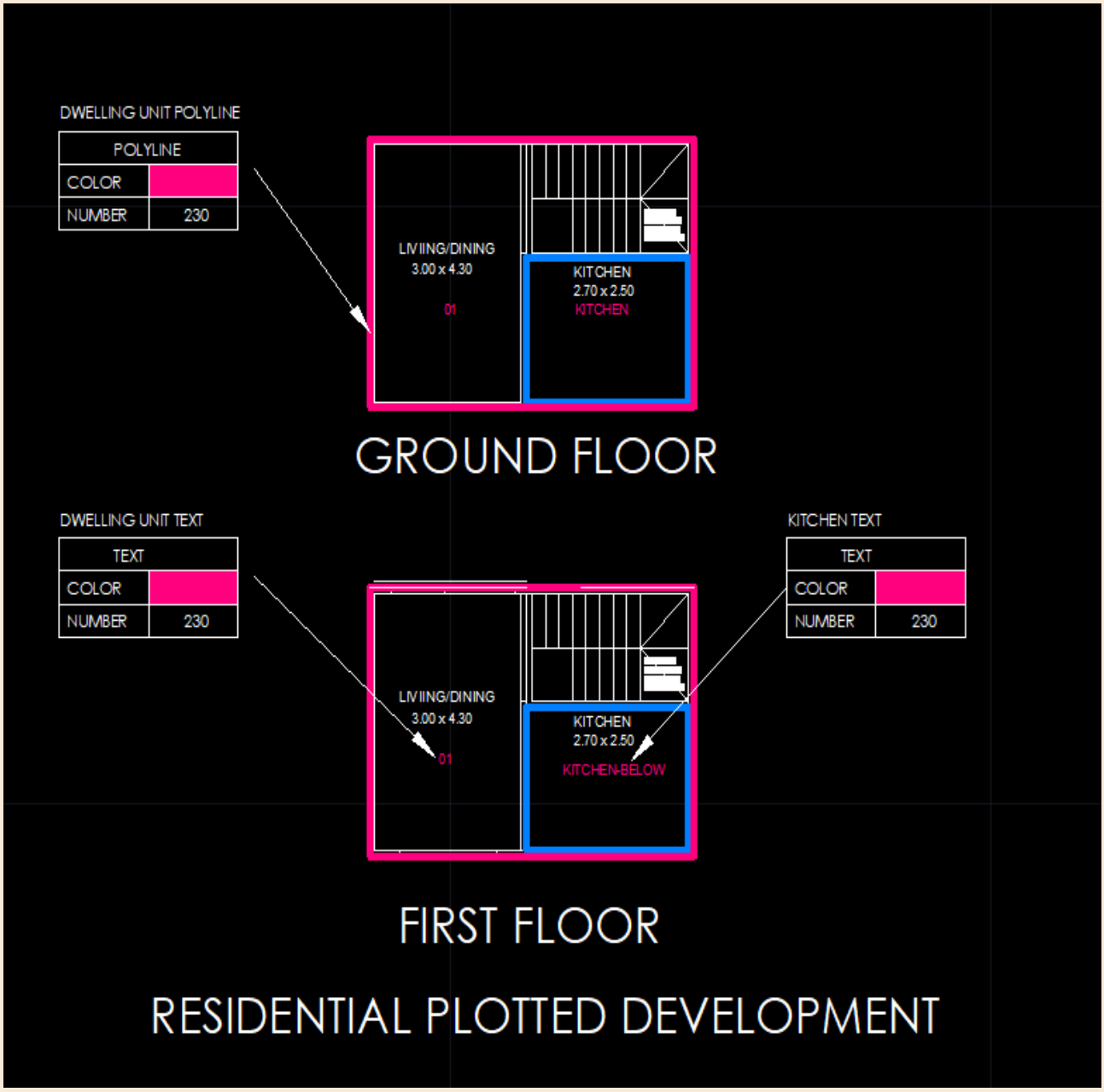
S. No.	Description	Layer
27	Kitchen cum Store shall be drawn as Polyline in Color No. 150 and text shall be placed in Color No. 230.	Applicable floor layer



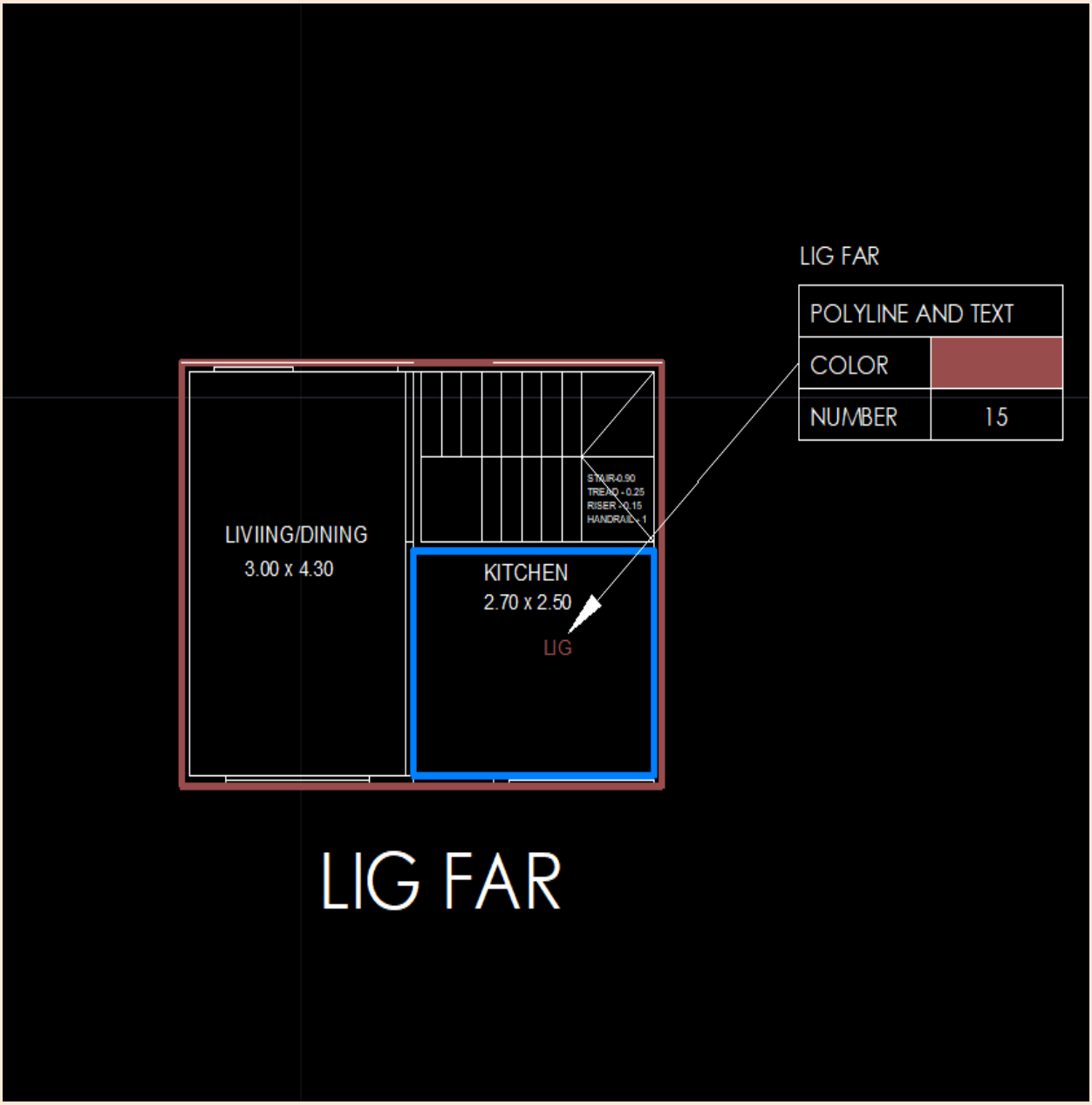
S.No.	Description	Layer
28	If the building contains more than one dwelling unit/floor and if each dwelling unit belongs to different owners, then the dwelling unit name should also be different for Flatted development.	Applicable Floor Layer



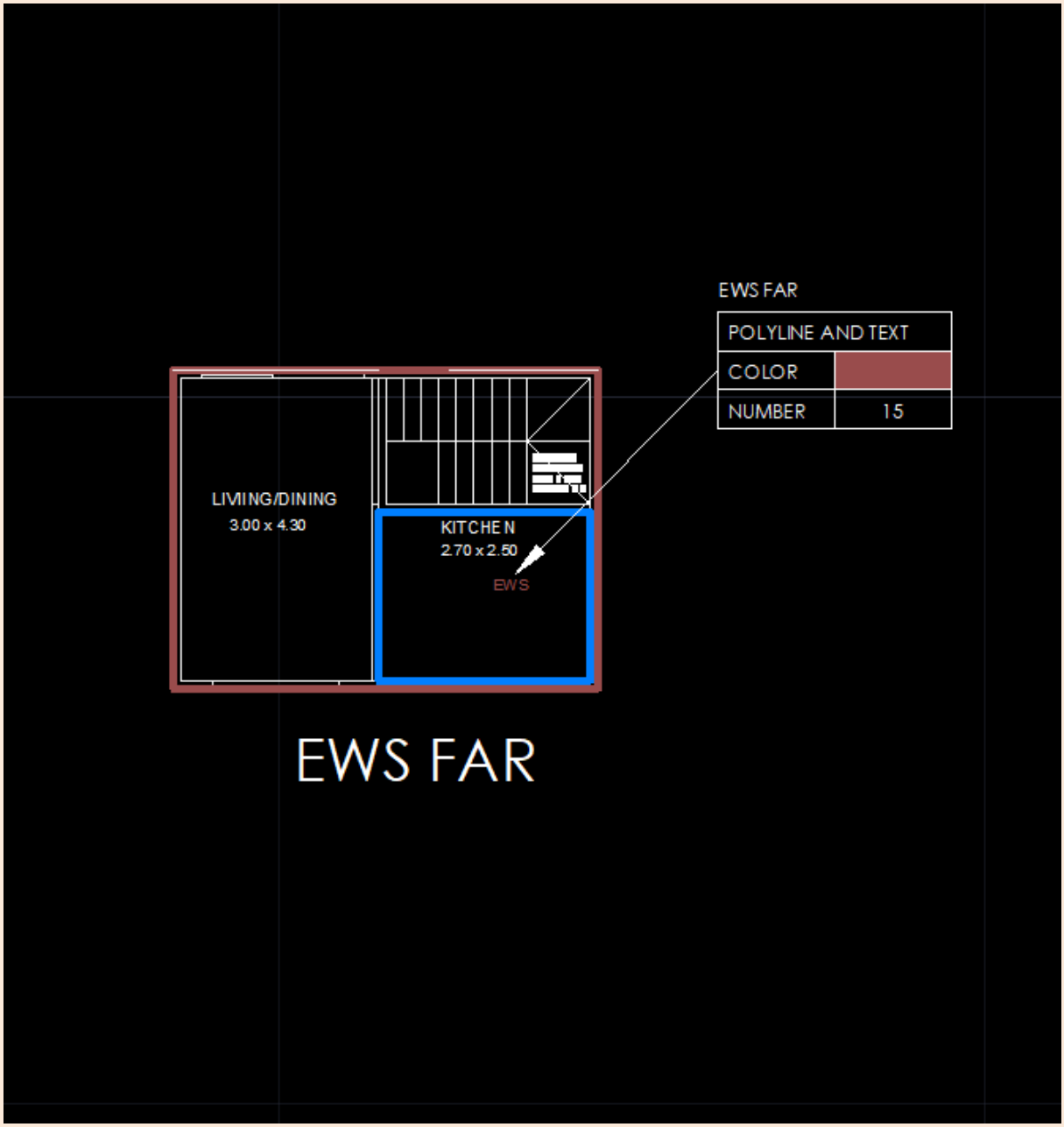
S.No.	Description	Layer
29	If the building spans more than one floor or it contains more than one dwelling unit and if all the floors / dwelling units belong to same owner then the dwelling unit names should be the same for Plotted development.	Applicable Floor Layer



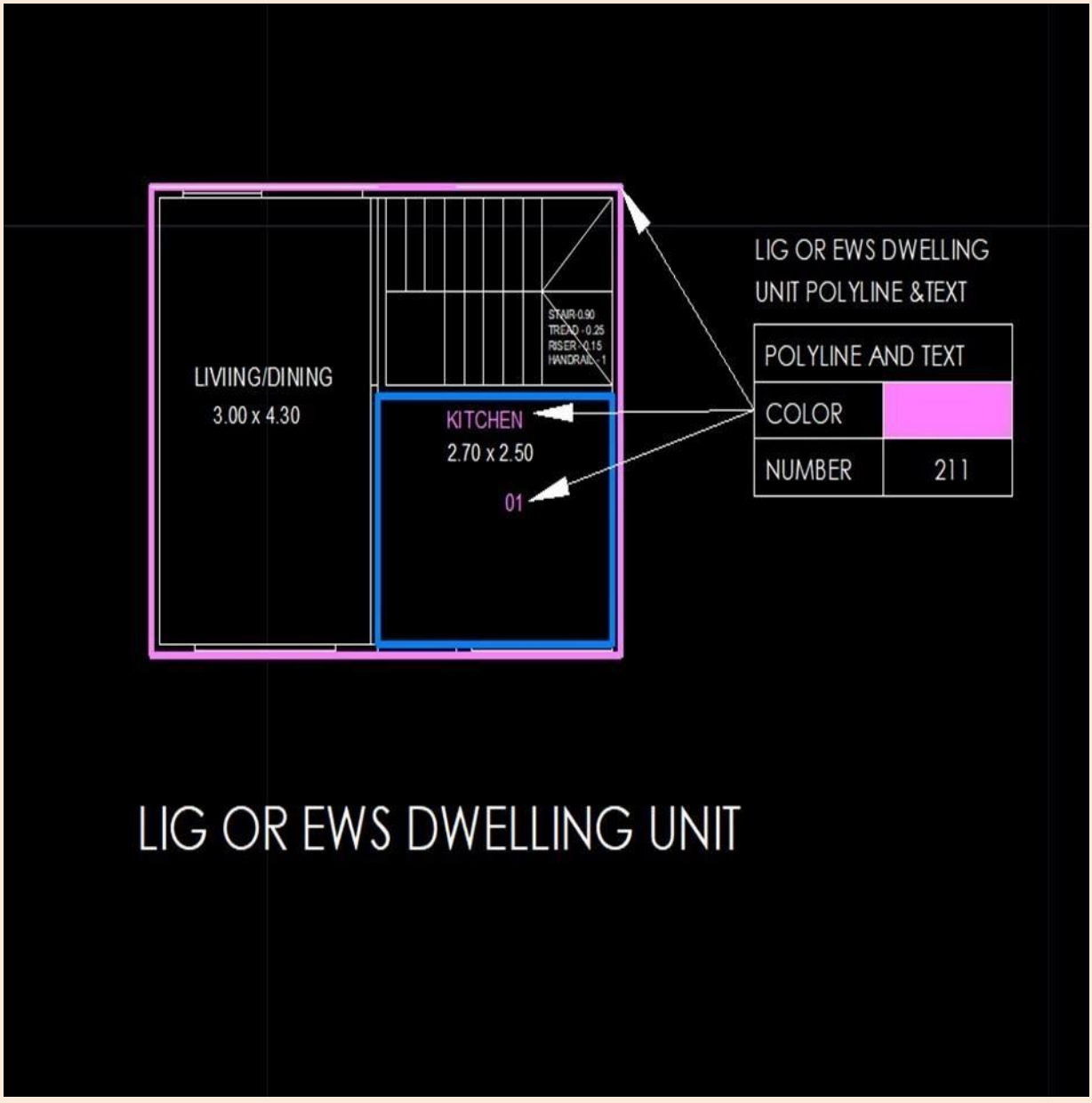
S.No.	Description	Layer
30	LIG FAR shall be drawn as Polyline in Color No. 15 and text shall be placed in the same Color.	Applicable Floor Layer



S.No.	Description	Layer
31	EWS FAR shall be drawn as Polyline in Color No. 15 and text shall be placed in the same Color.	Applicable Floor Layer

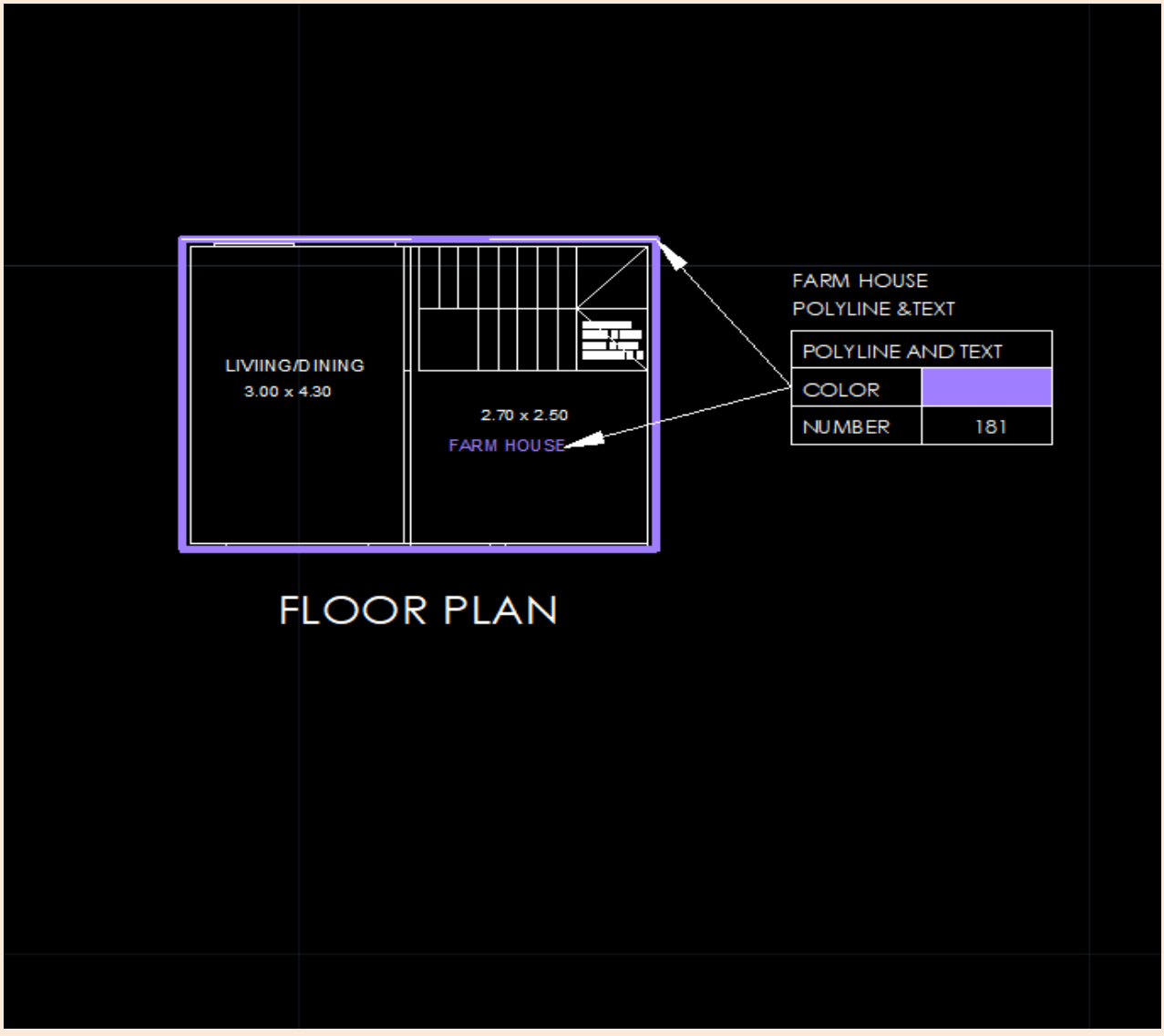


S.No.	Description	Layer
32	LIG or EWS Dwelling Unit shall be drawn as Polyline in Color No. 211 with Dwelling Unit text, Kitchen Text shall be placed in the same Color.	Applicable Floor Layer

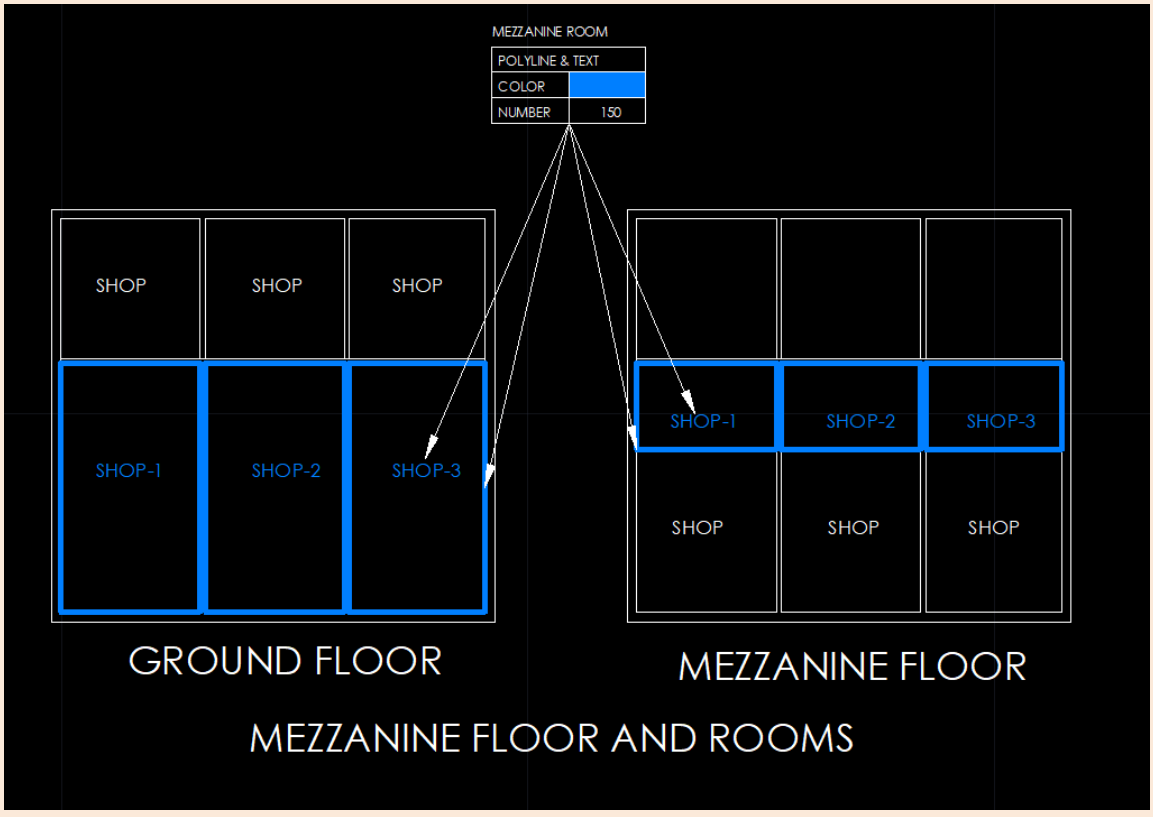


e

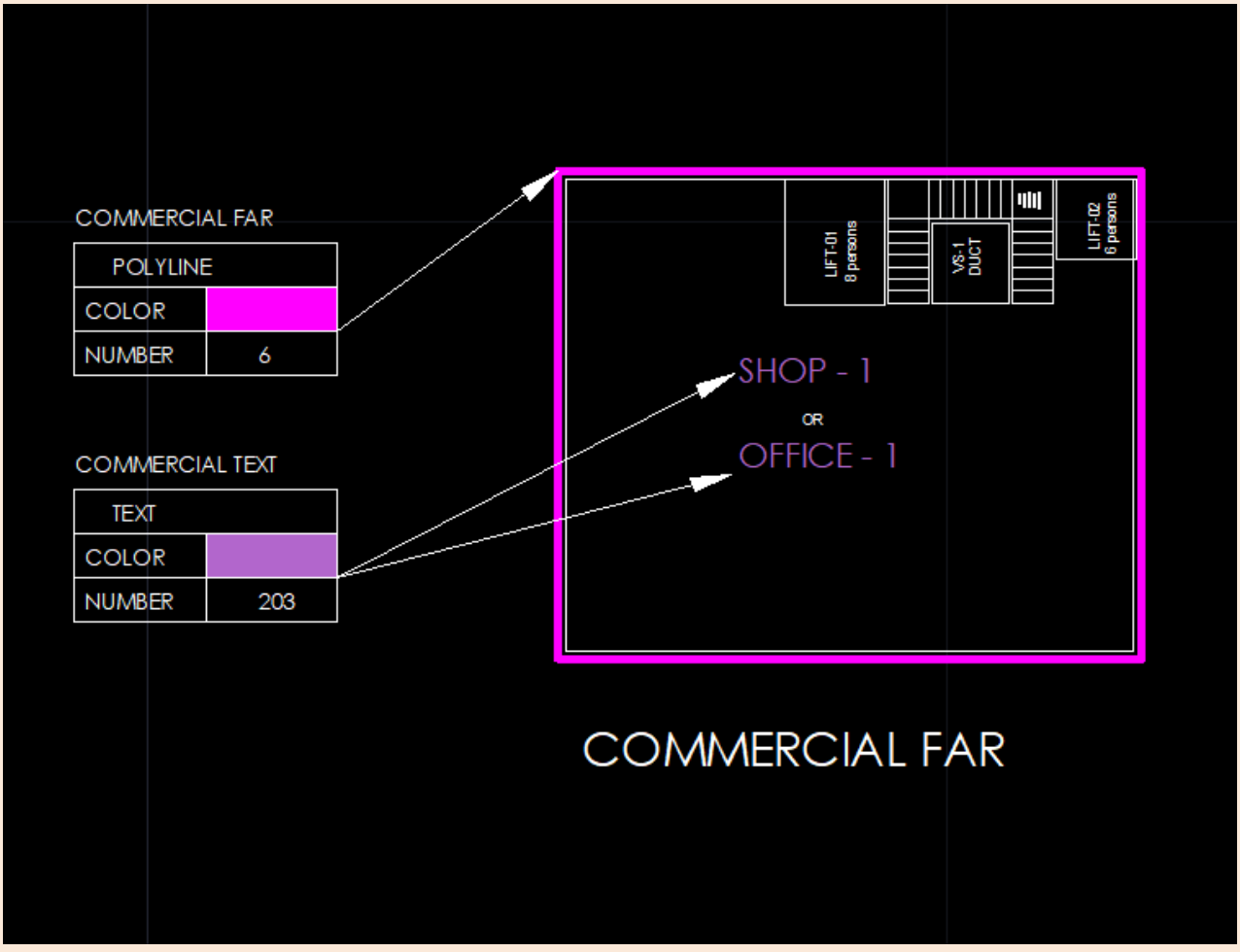
S.No.	Description	Layer
33	Farm house shall be drawn as Polyline in Color No. 181 and text shall be placed in the same Color.	Applicable Floor Layer



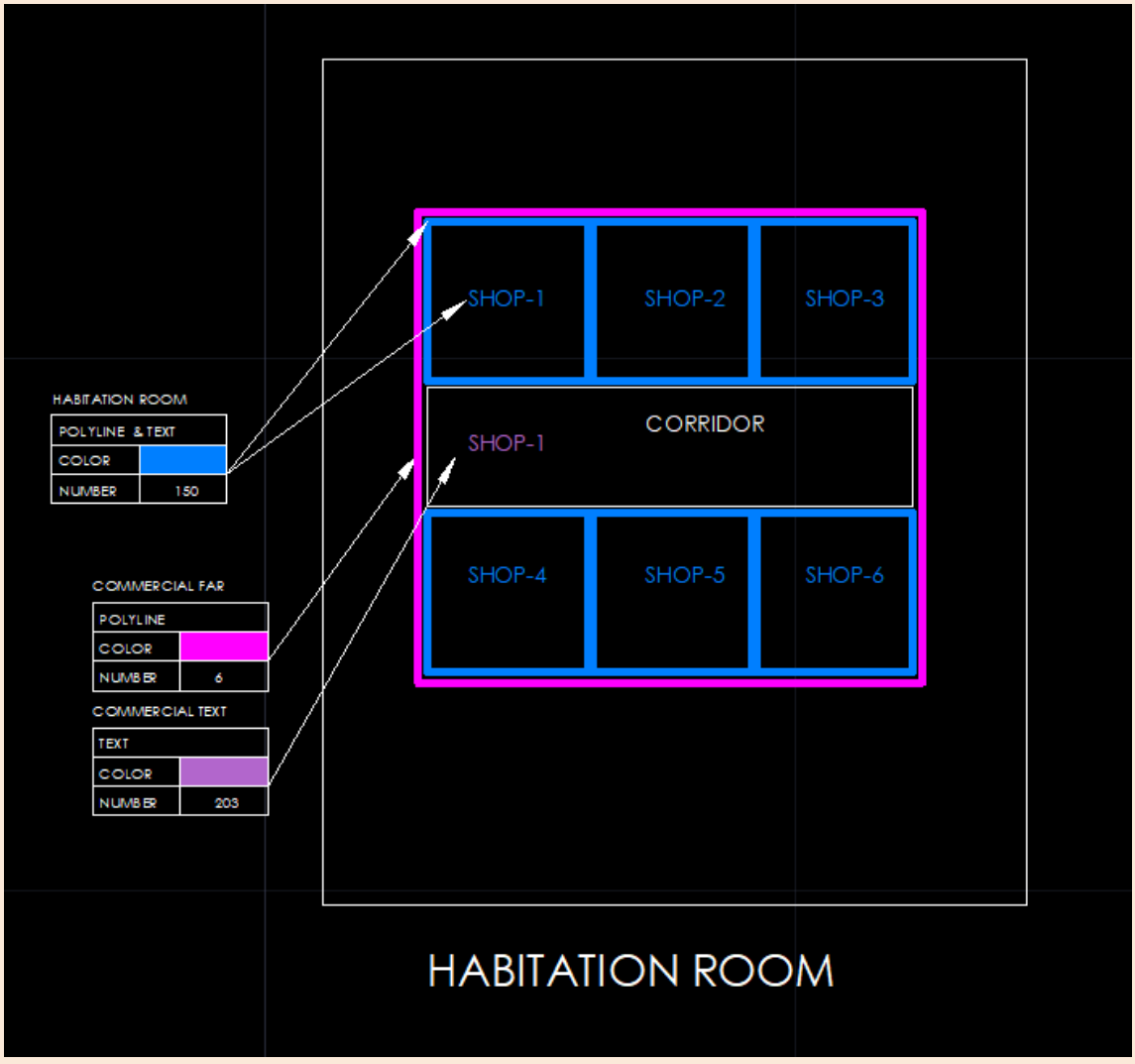
S.No.	Description	Layer
34	Mezzanine floor polyline shall be drawn in the respective Mezzanine floor layer, which shall be given as FLOOR-MFGROUNDTO01, if it is between Ground floor (FLOOR-GROUND) & 1st floor (FLOOR01). Note: Room Text need to be provided in Color 150 inside habitable room of mezzanine floor. The text which is Provided in Lower Floor should match with corresponding habitable room of Mezzanine Floor. Texts allowable area as follows FLOOR-GROUND - FLOOR MEZZANINE HABITALBE ROOM - HABITALBE ROOM HABITALBE ROOM – STORAGE STORAGE – STORAGE SHOP – SHOP OFFICE - OFFICE	In the same layer as that of the Mezzanine floor



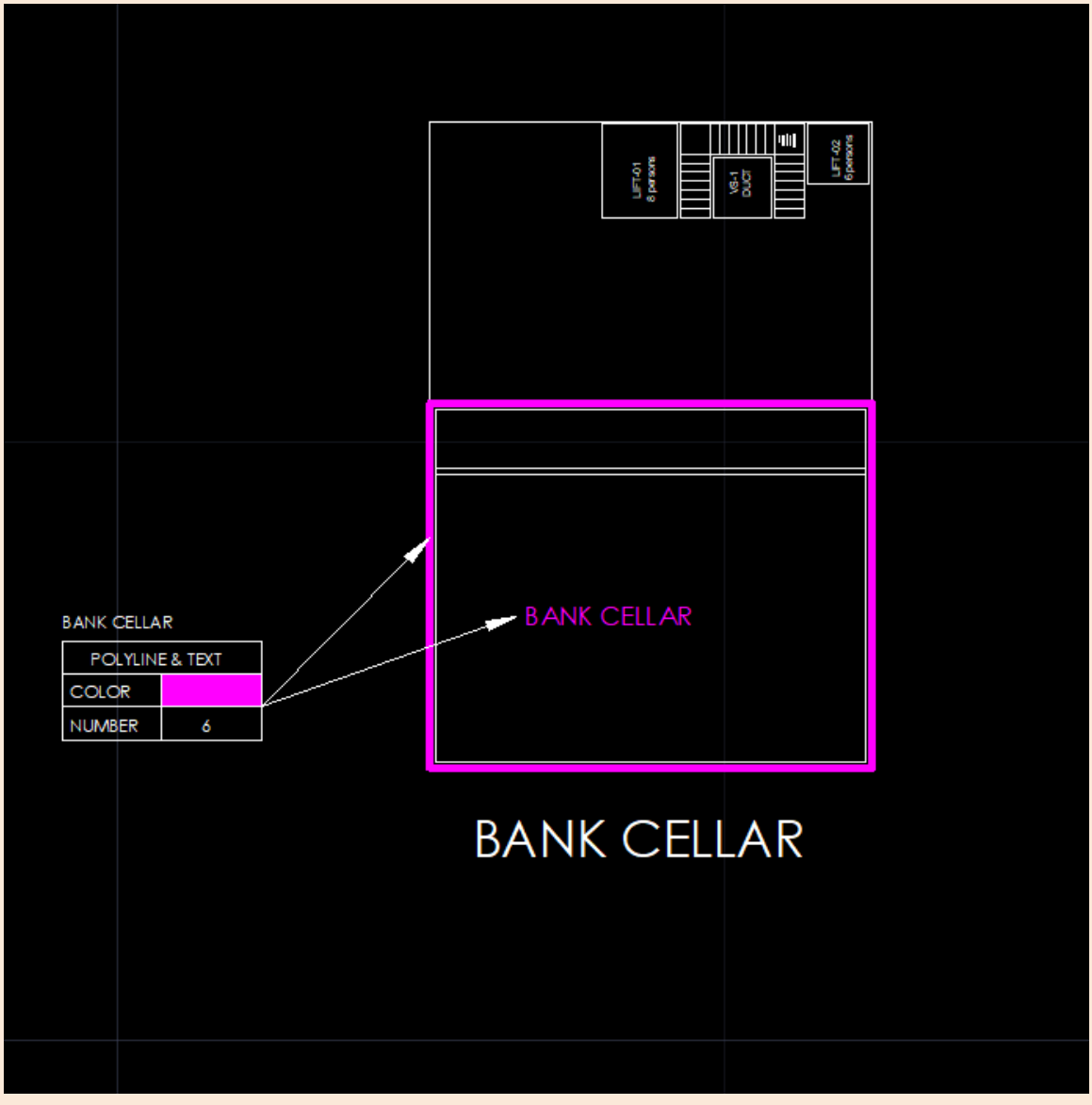
S.No.	Description	Layer
35	Commercial FAR shall be drawn as Polyline in Color No. 6 and text shall be placed in the same Color. Commercial text shall be written in color 203 As per the building activity	Applicable Floor Layer



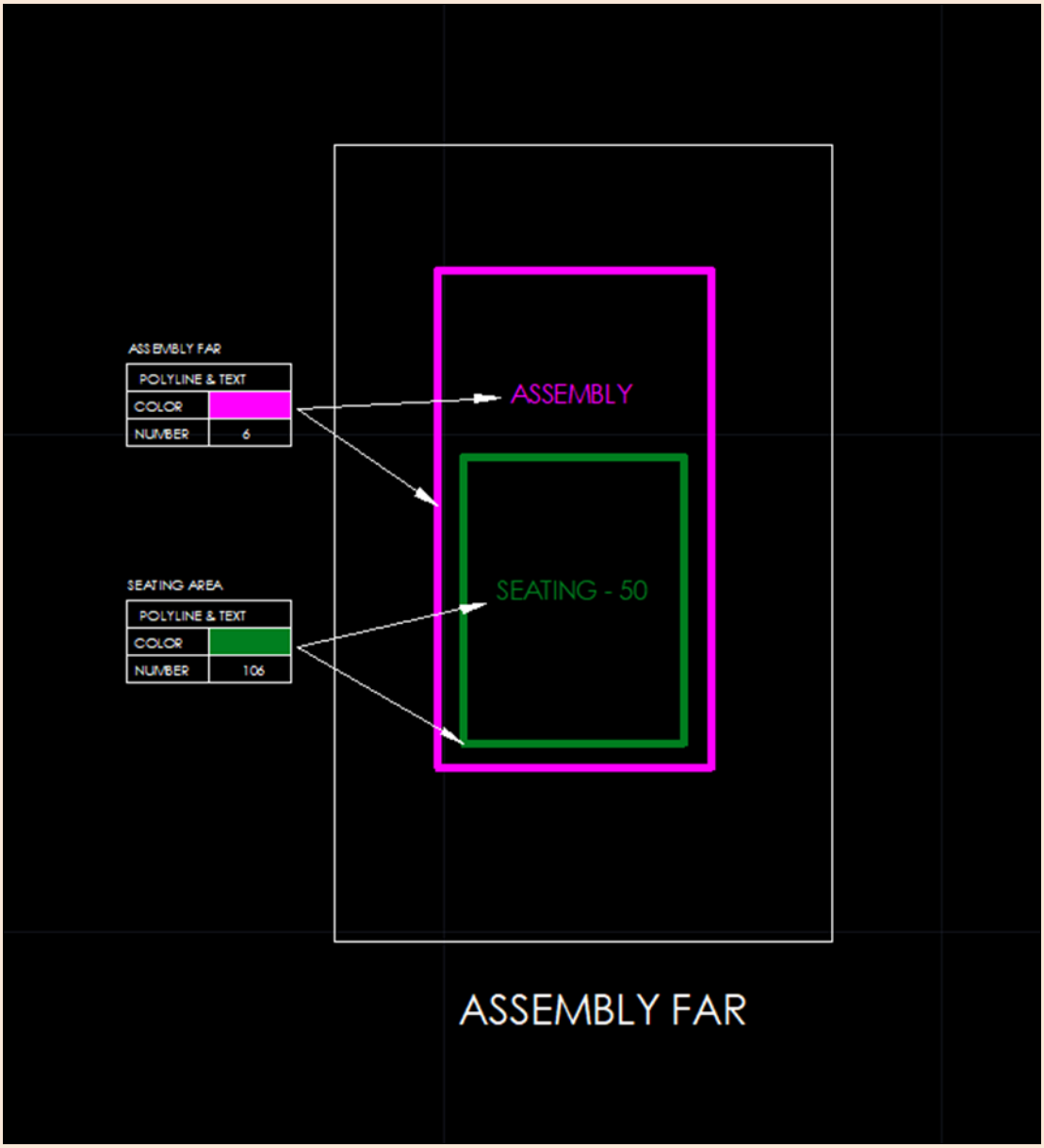
S.No.	Description	Layer
36	Multiple shops, Commercial FAR shall be drawn as Polyline in Color No. 6 and text shall be placed in the Color 203. Shop shall be drawn as Polyline in Color No. 150 and text shall be placed in the same Color.	Applicable Floor Layer



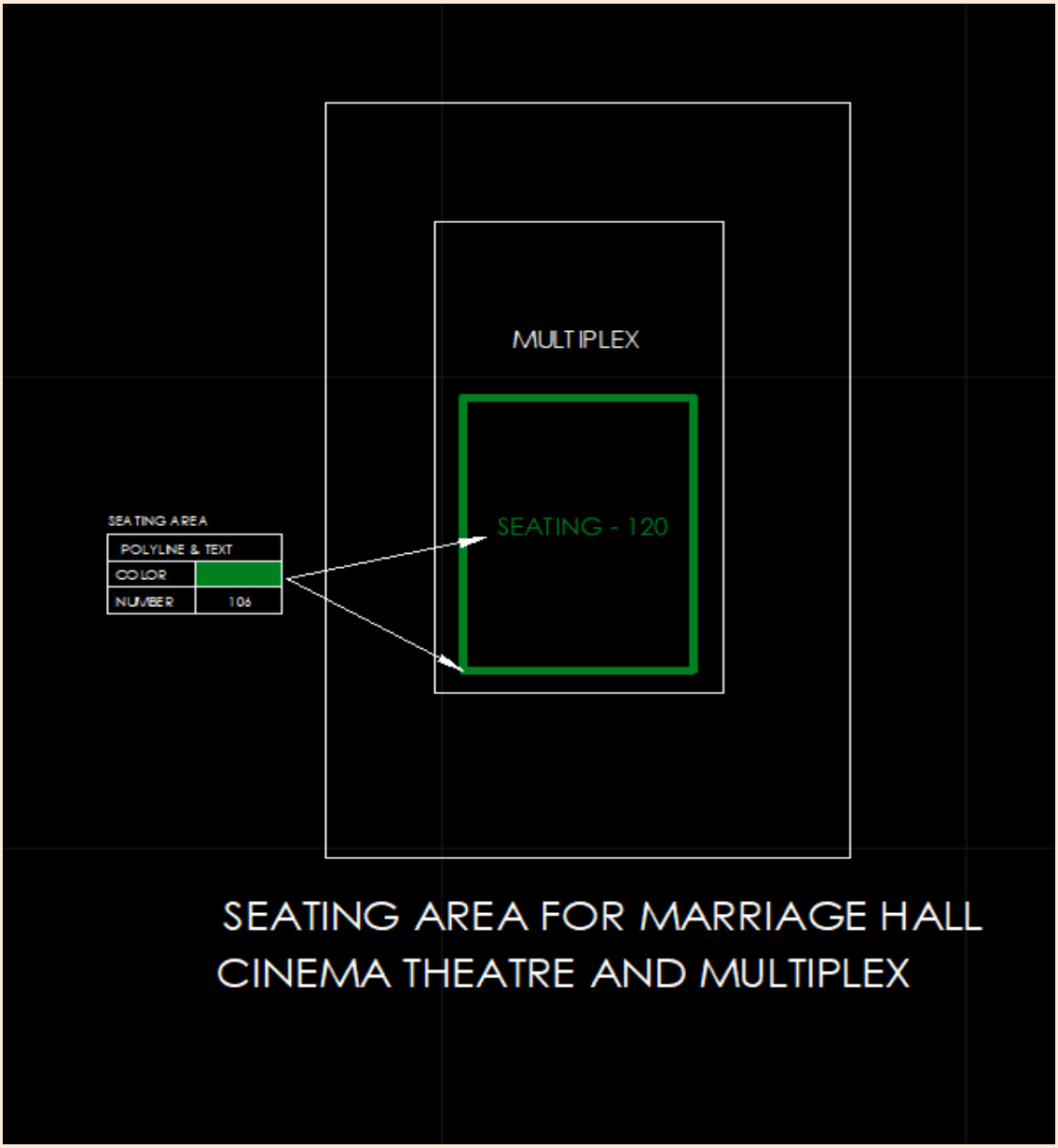
S.NO.	Description	Layer
37	Bank cellar shall be drawn as Polyline in Color No. 6 and text shall be placed in the same Color.	FLOOR-BF1 or FLOOR-BF1-EX



S.No	Description	Layer
38	Assembly FAR shall be drawn as Polyline in Color No. 6 and text shall be placed in the same Color. Seating Area shall be drawn as Polyline in Color No. 106 and text shall be placed in the same Color.	Applicable Floor Layer

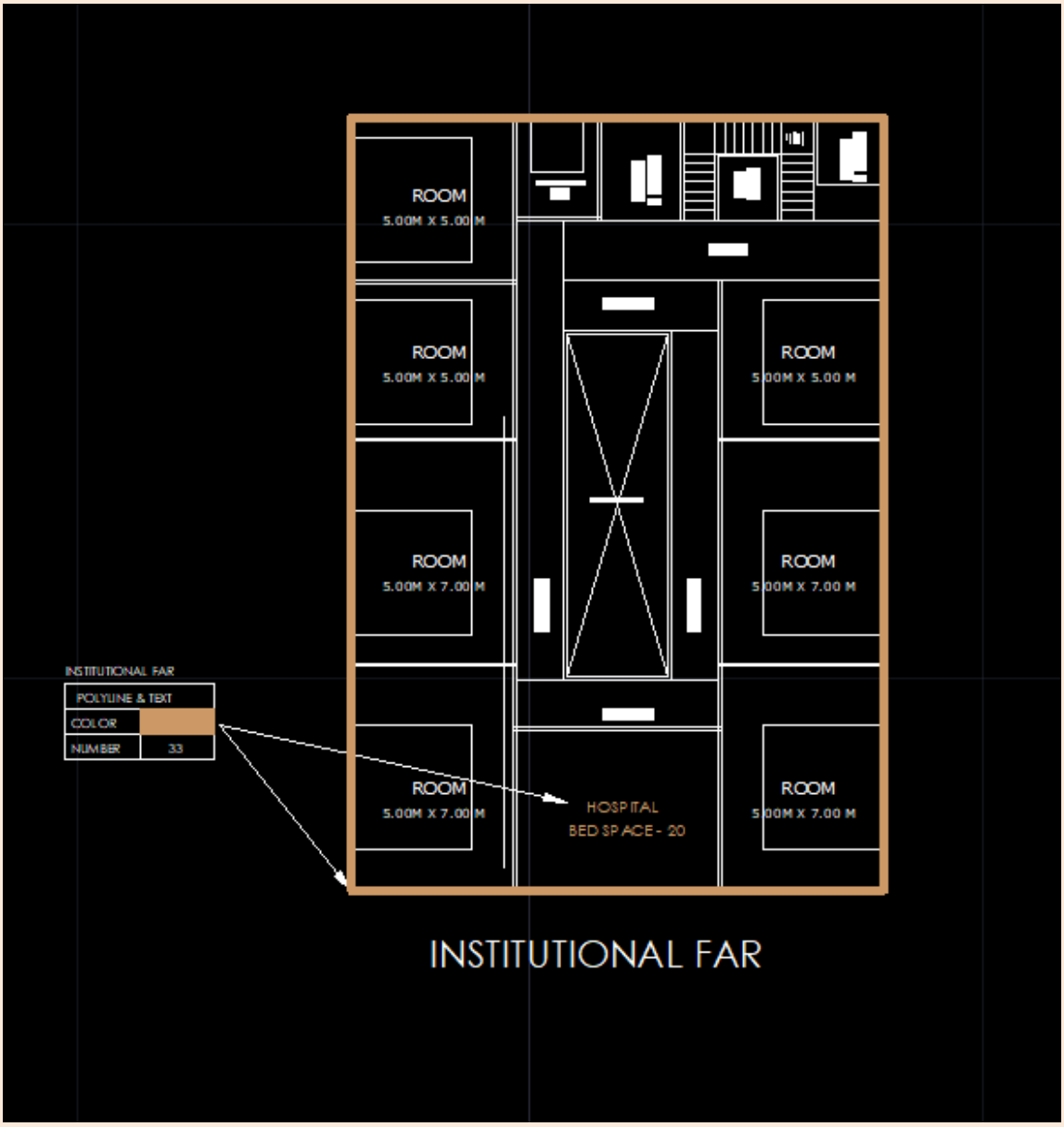


S.No.	Description	Layer
39	Seating area for Marriage hall, Cinema theatre and Multiplex shall be drawn as Polyline in Color No. 106 and Number of seats should be mentioned in text and shall be placed in the same Color.	Applicable Floor Layer

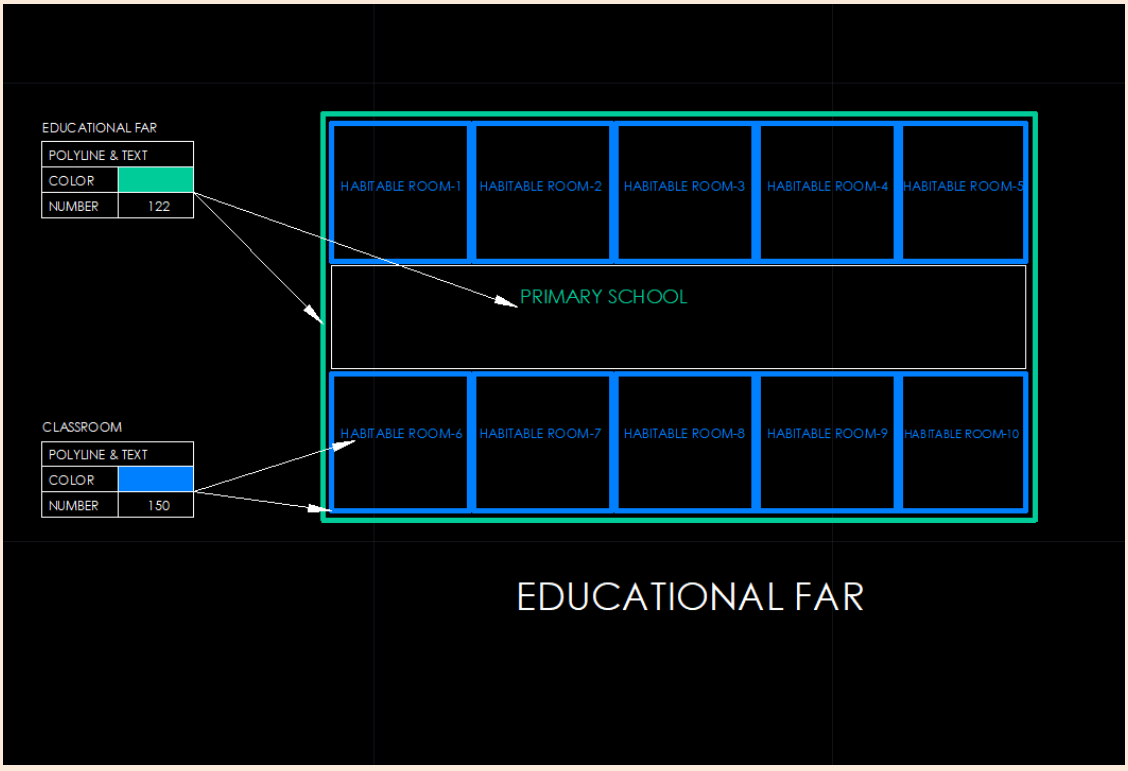


S.No.	Description	Layer
40	Institutional FAR shall be drawn as Polyline in Color No. 33 and text shall be placed in the same Color.	Applicable Floor Layer

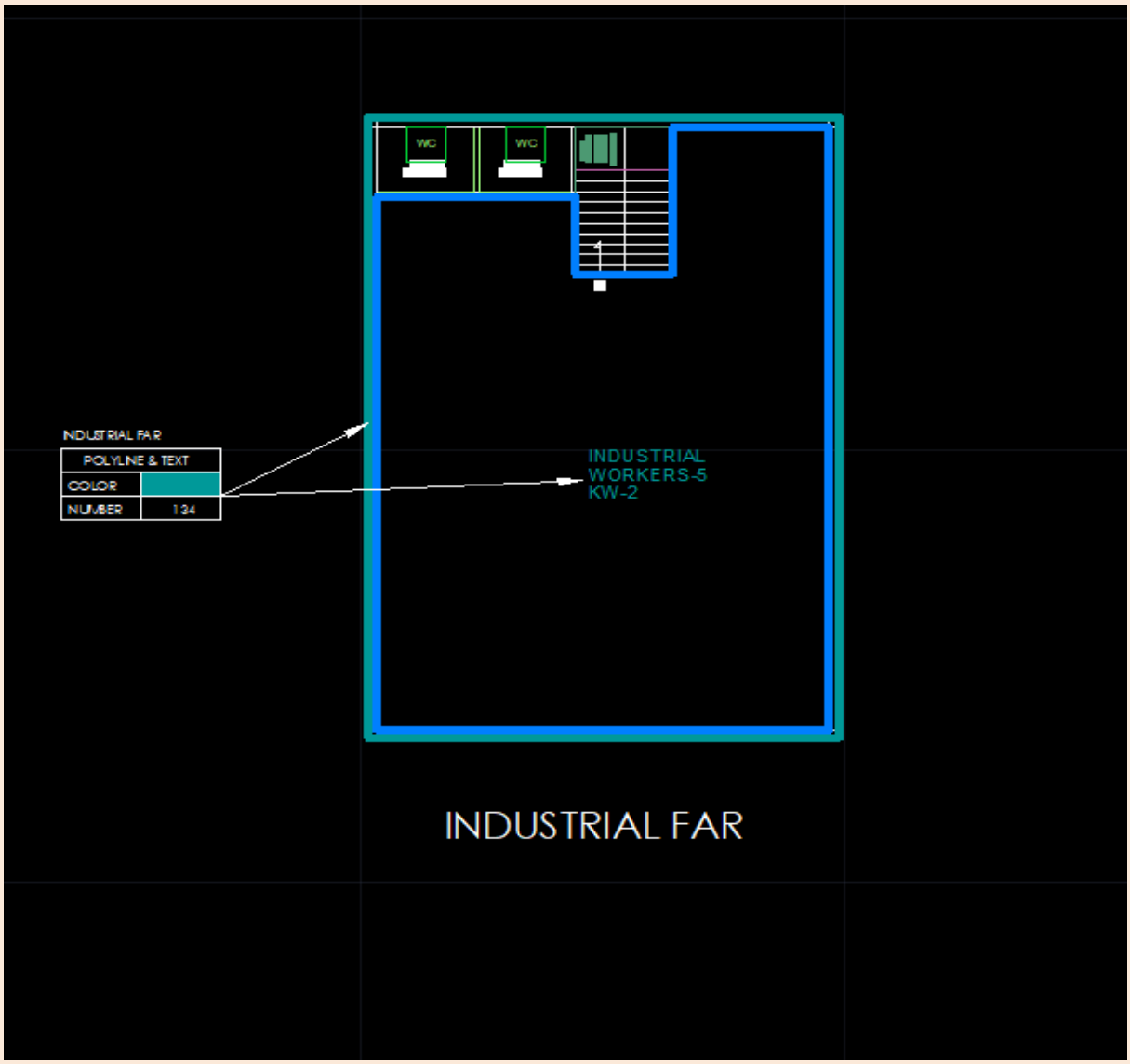
Bed Count should be mentioned as shown below.



S.No.	Description	Layer
41	Educational FAR shall be drawn as Polyline in Color No. 122 and text shall be placed in the same Color. Class Room shall be drawn as Polyline in Color No. 150 and text shall be placed in the same Color.	Applicable Floor Layer

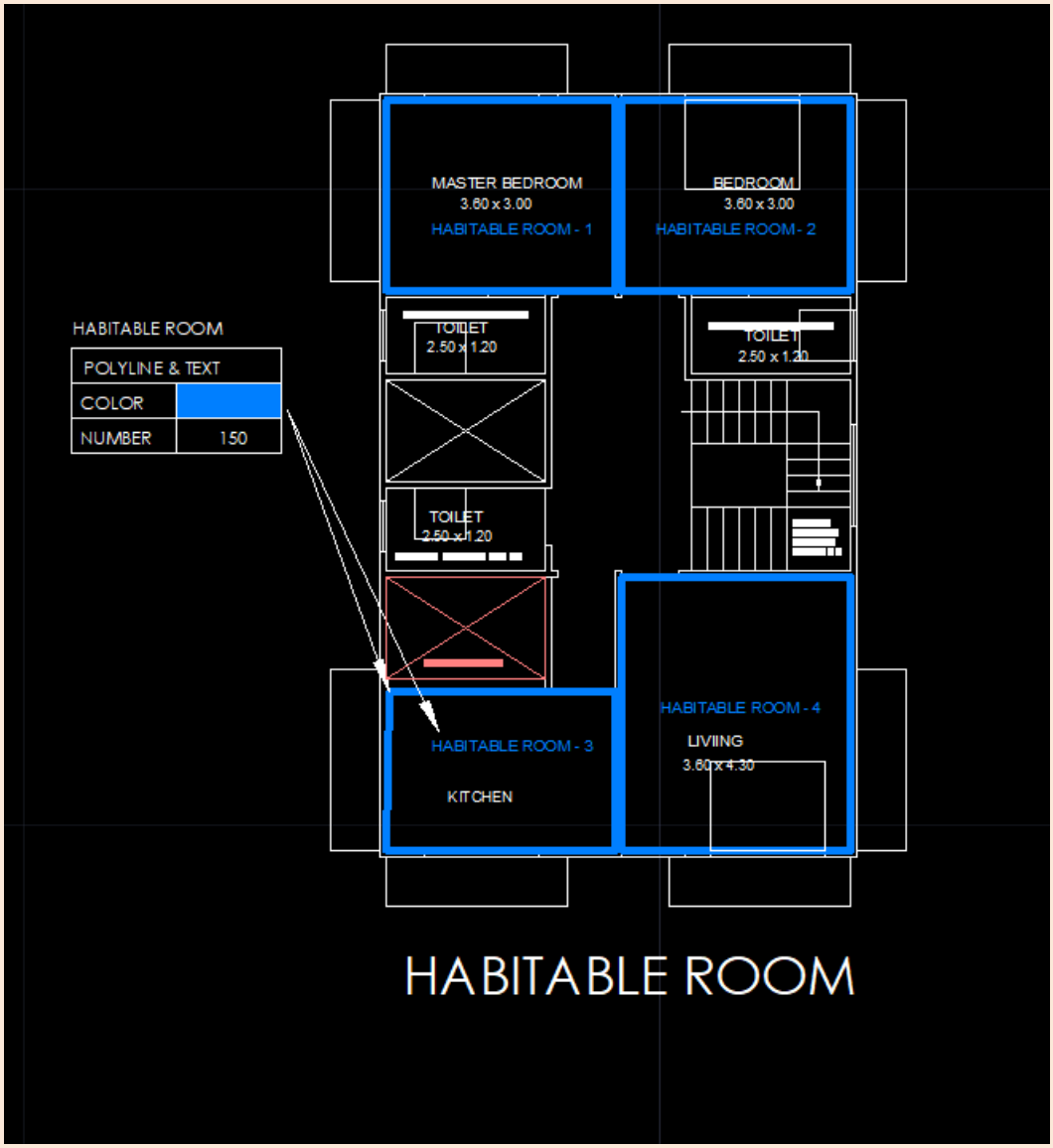


S.No.	Description	Layer
42	Industrial FAR shall be drawn as Polyline in Color No. 134 and text shall be placed in the same Color. Note: Number of workers and power detail to be kept as text inside the polyline in same color.	Applicable Floor Layer

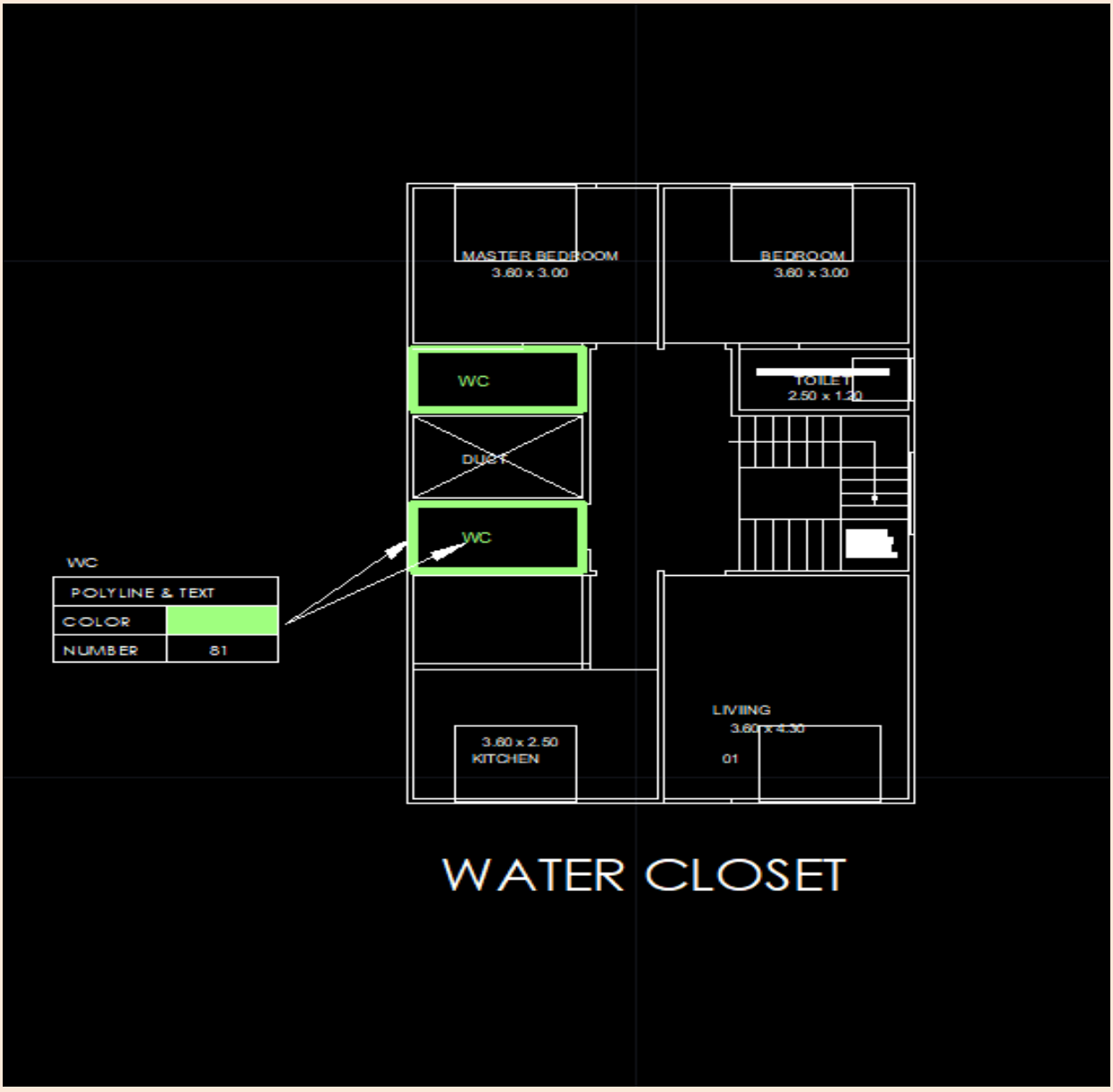


S.No.	Description	Layer
43	Habitable room shall be drawn as Polyline in Color No. 150, and text shall be placed in the same Color.	Applicable floor Layer

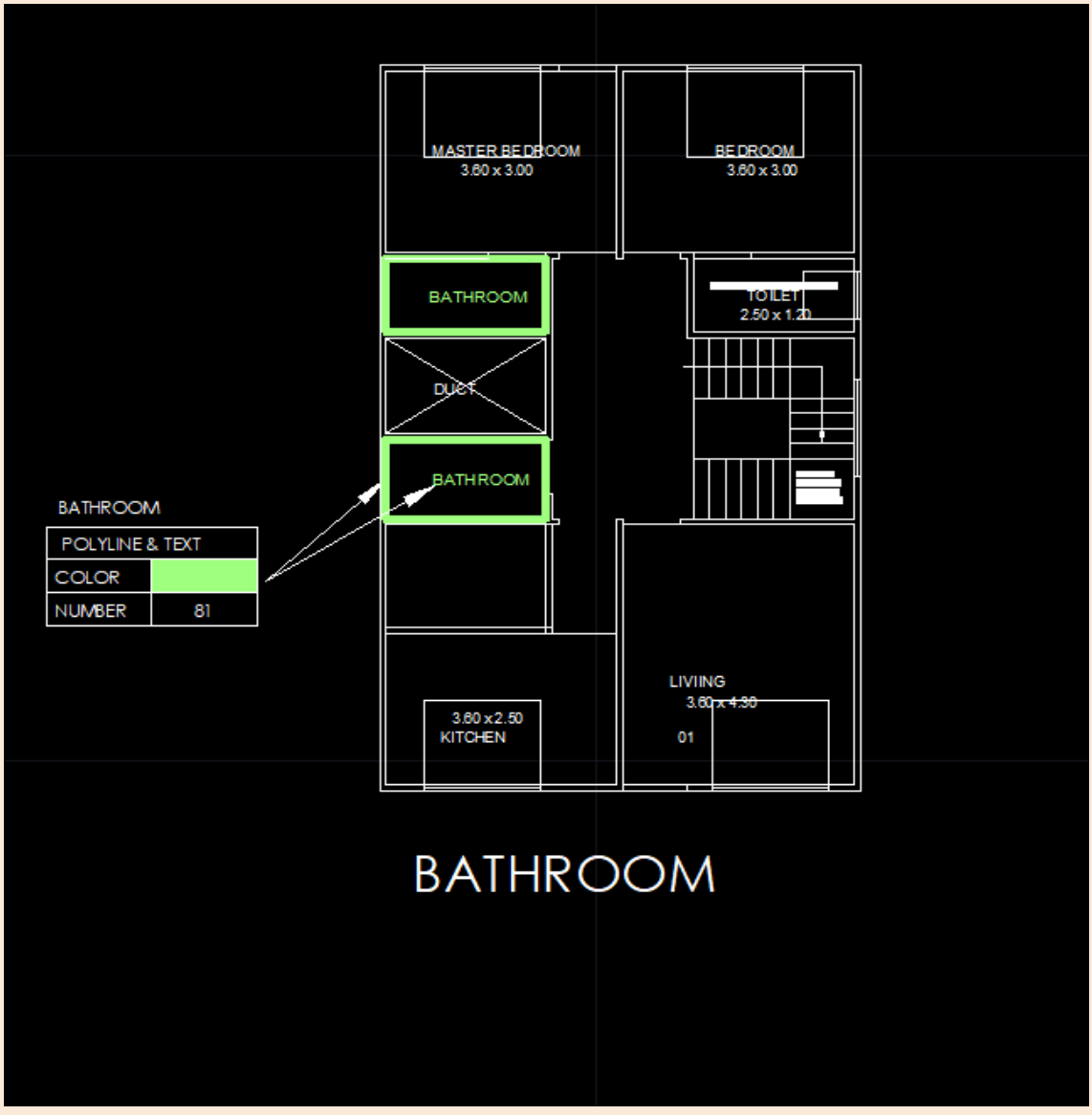
Note:
In case of More than One Habitable room it should be named as Habitable room - 01, Habitable room -02,.....



S.No.	Description	Layer
44	WC shall be drawn as Polyline in Color No. 81 and text shall be placed in the same Color. Note: In case of More than One WC it should be named as WC - 01, WC- 02, WC - 03.....	Applicable Floor Layer

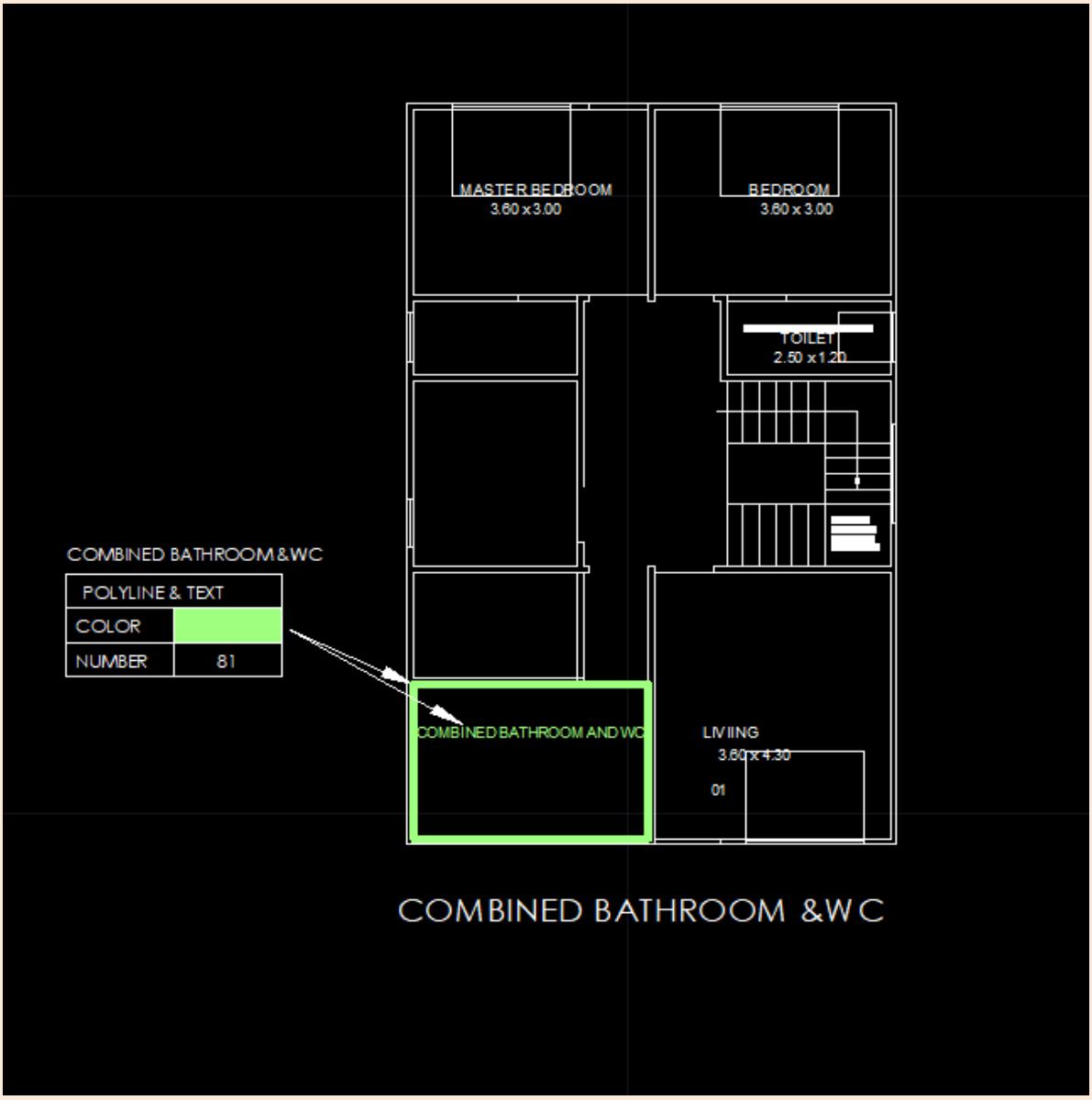


S.No.	Description	Layer
45	Bathroom shall be drawn as Polyline in Color No. 81 and text shall be placed in the same Color. Note: In case of More than One Bathroom it should be named as BATHROOM - 01, BATHROOM - 02, BATHROOM - 03.....	Applicable Floor Layer



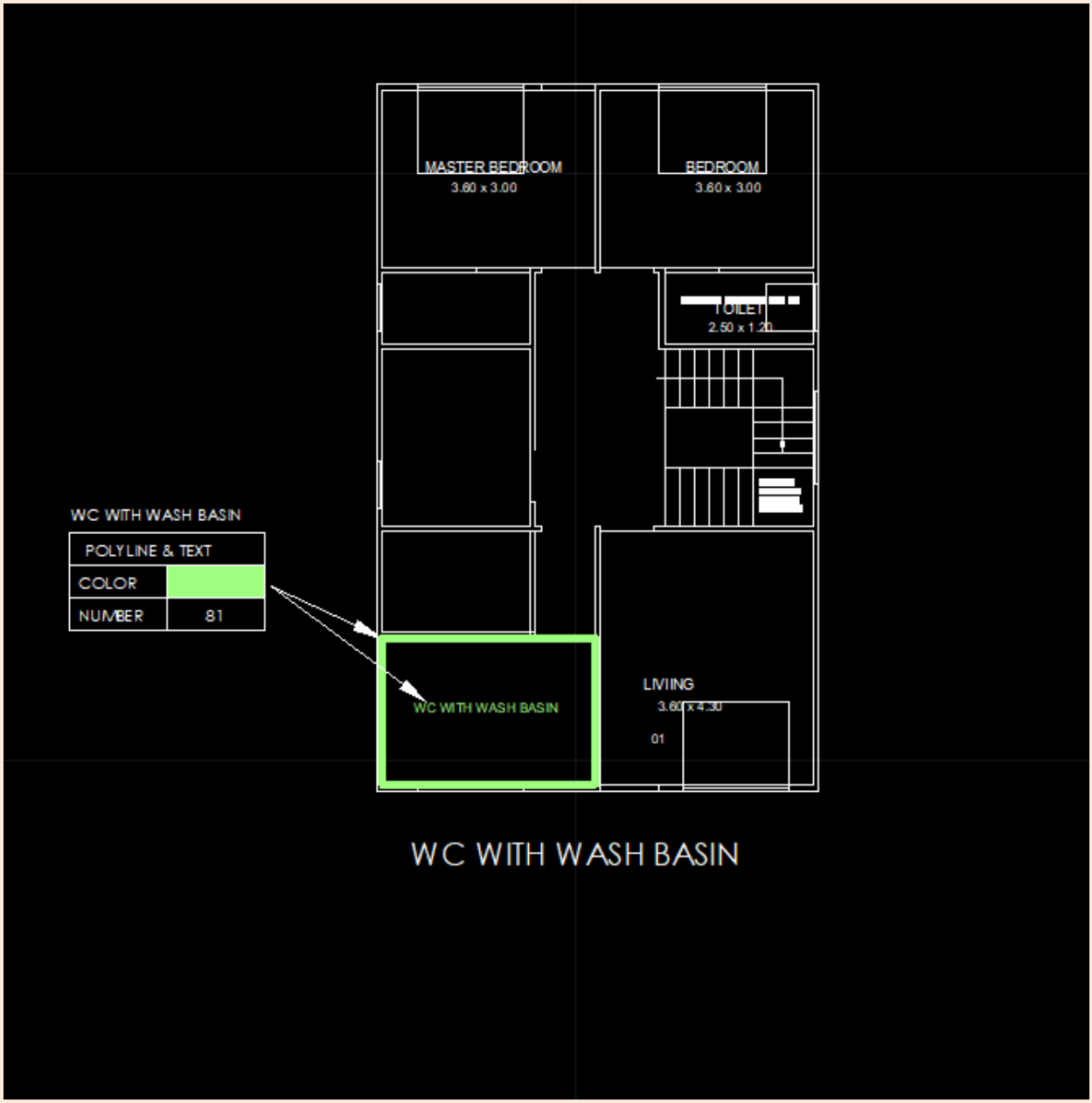
in the same Color.

Note:
In case of More than One Combined bathroom and WC it should be named as COMBINED BATHROOM AND WC - 01, COMBINED BATHROOM AND WC - 02, COMBINED BATHROOM AND WC - 03.....

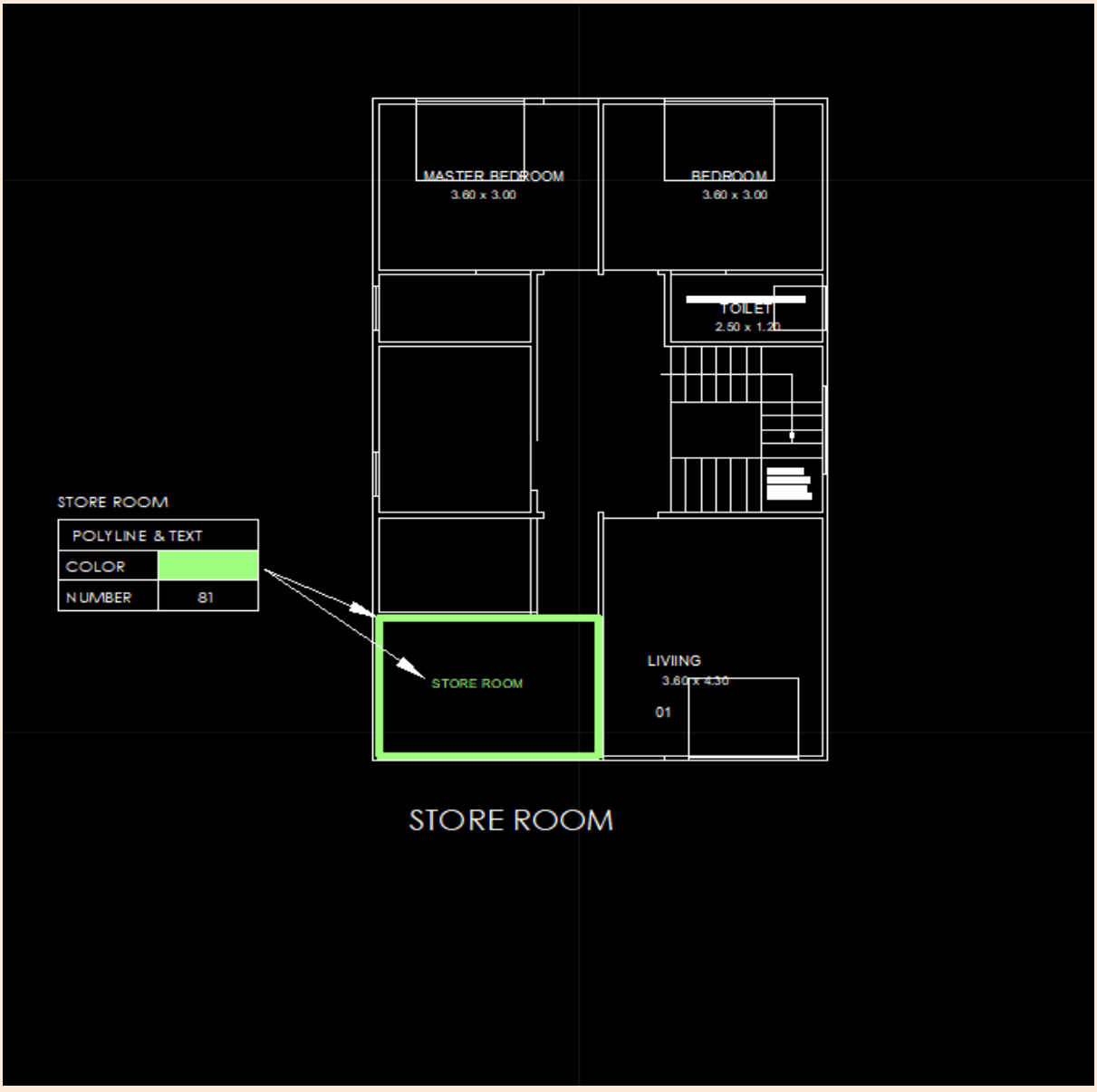


S.No.	Description	Layer
47	WC With Wash Basin and WC shall be drawn as Polyline in Color No. 81 and text shall be placed in the same Color.	Applicable Floor Layer

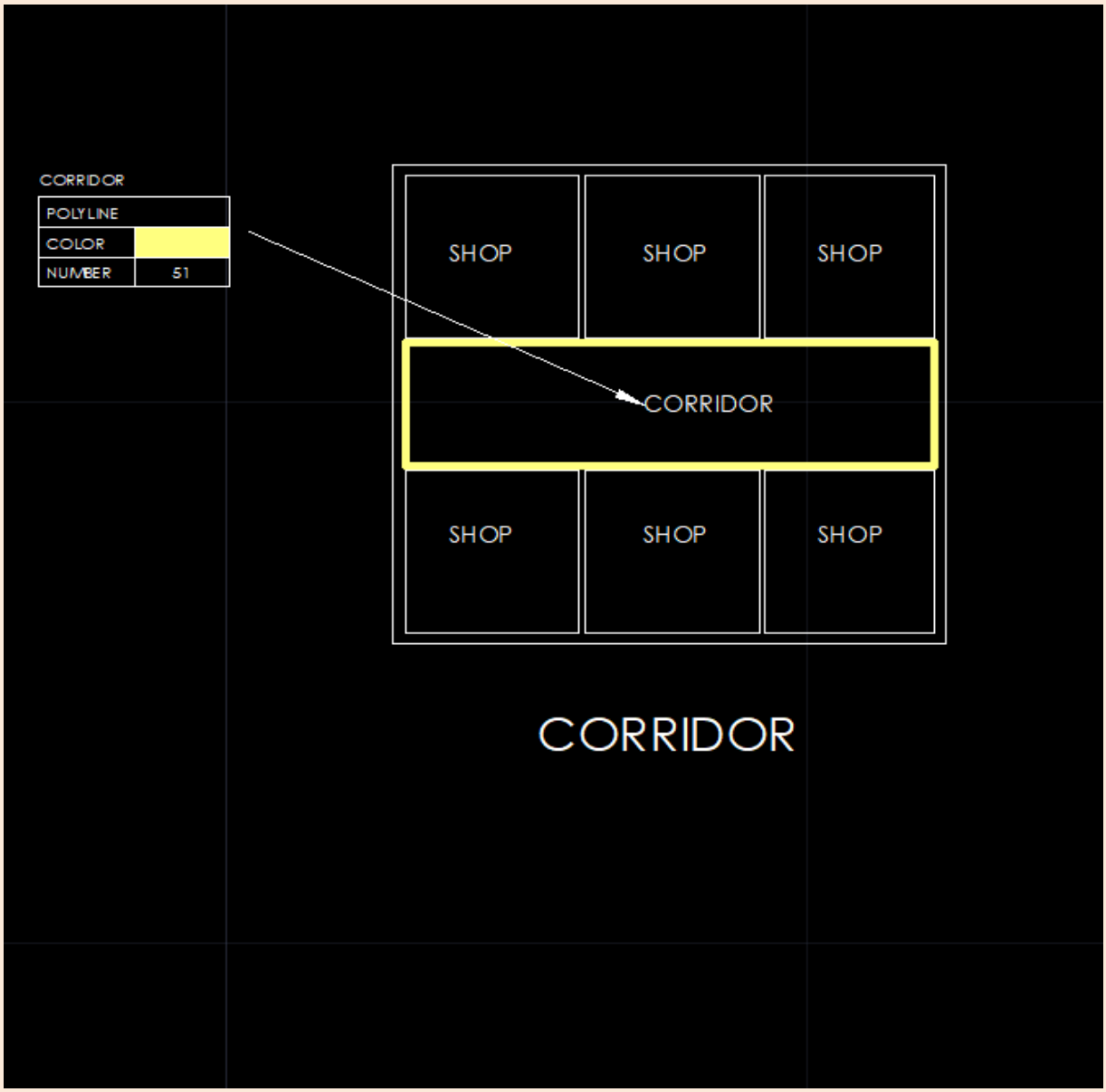
Note:
In case of More than One WC with Wash Basin it should be named as WC WITH WASH BASIN - 01, WC WITH WASH BASIN - 02, WC WITH WASH BASIN - 03.....



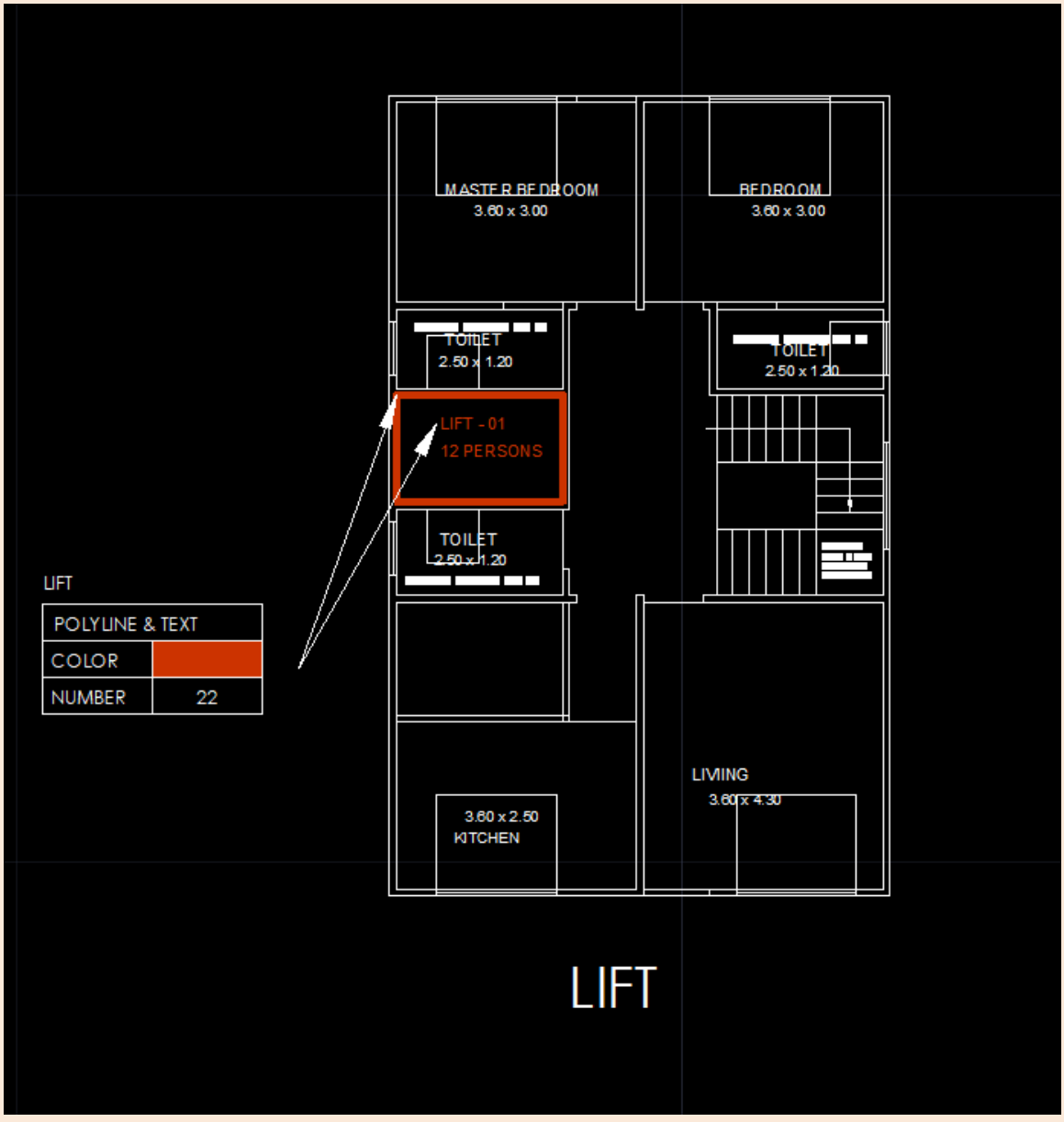
S.No.	Description	Layer
48	Store Room shall be drawn as Polyline in Color No. 81 and text shall be placed in the same Color. Note: In case of More than One Store Room it should be named as STORE ROOM - 01, STORE ROOM - 02, STORE ROOM - 03.....	Applicable Floor Layer



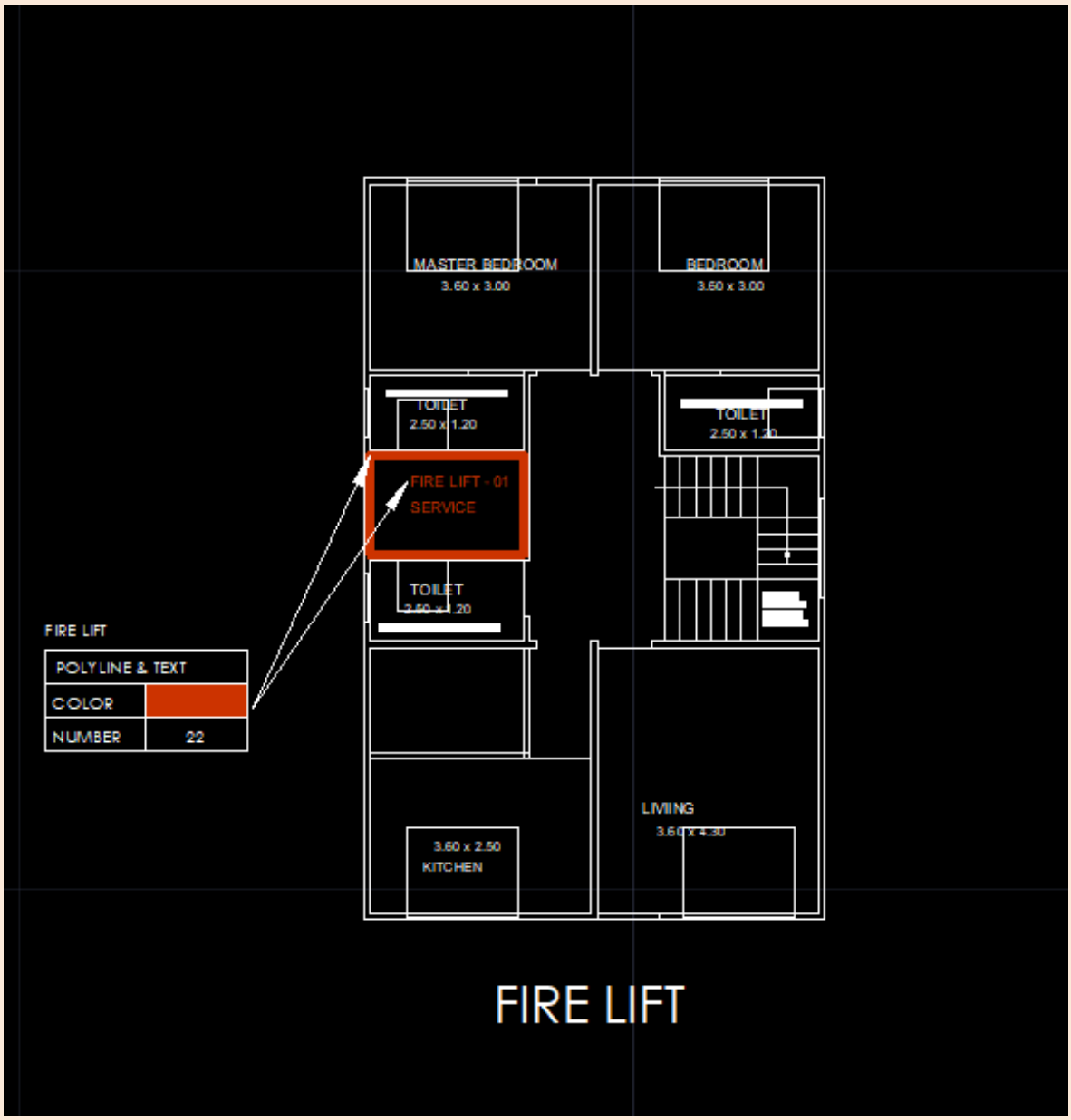
S.No.	Description	Layer
49	Corridor shall be drawn as Polyline in Color No. 51.	Applicable floor Layer



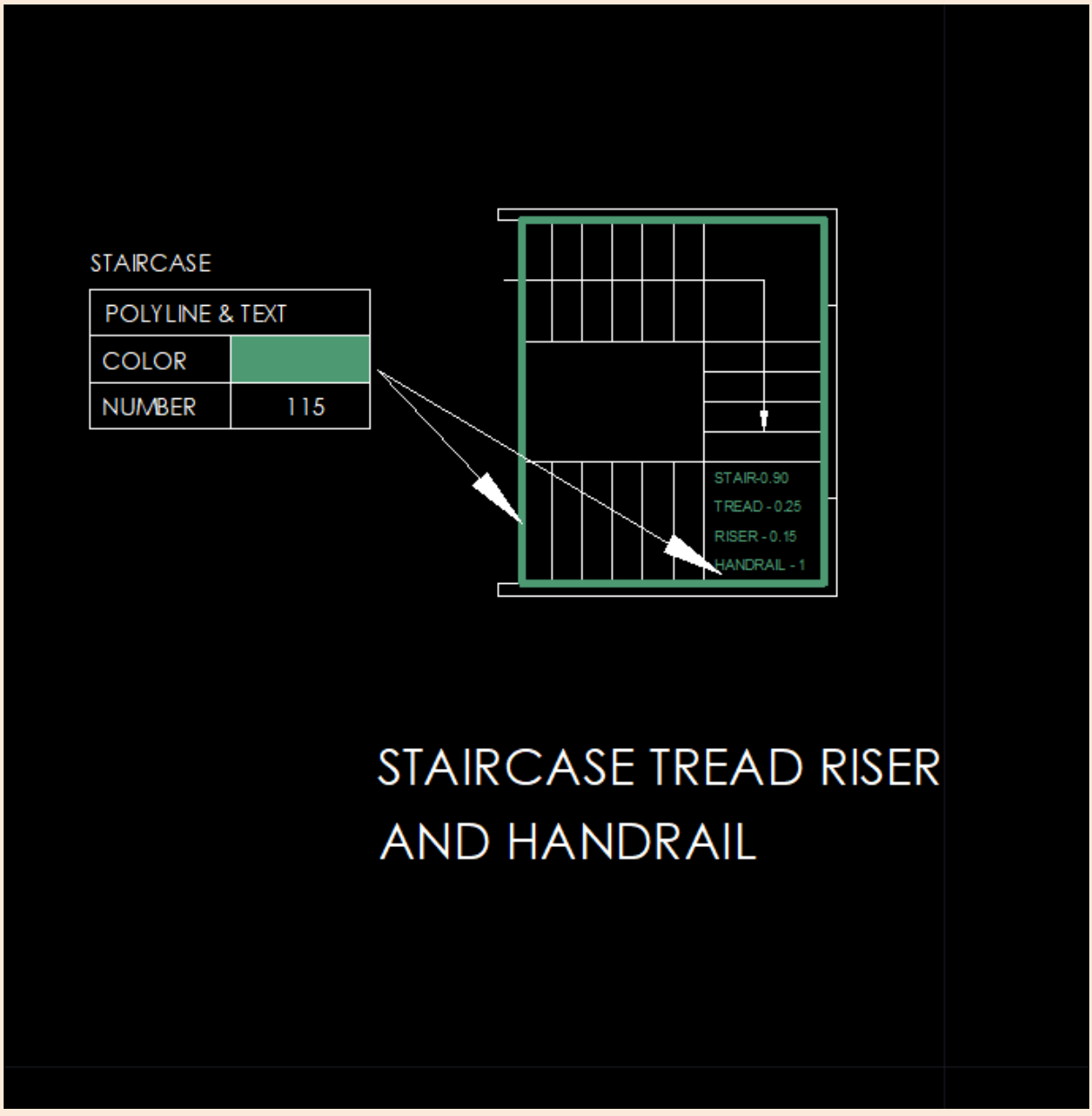
S.No.	Description	Layer
50	Lift And Occupancy shall be drawn as Polyline in Color No. 22 and text shall be placed in the same Color. Note: In case of More than One Lift it should be named as LIFT - 01, LIFT - 02, LIFT - 03.....	Applicable Floor Layer



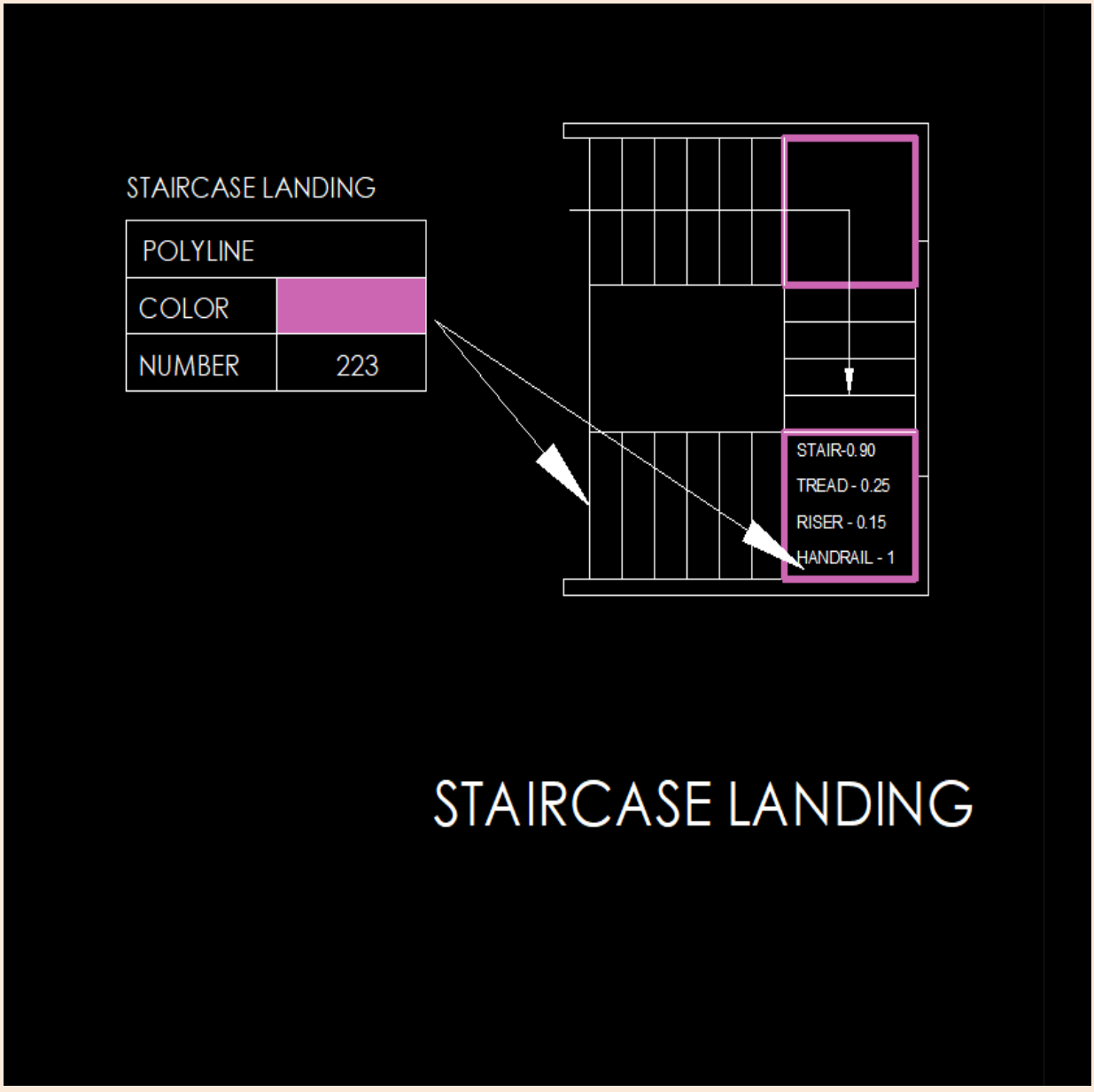
S.No.	Description	Layer
51	Fire Lift and Occupancy shall be drawn as Polyline in Color No. 22 and text shall be placed in the same Color. Note: In case of More than One Lift it should be named as FIRE LIFT - 01, FIRE LIFT - 02, FIRE LIFT - 03.....	Applicable Floor Layer



S.No.	Description	Layer
52	Staircase shall be drawn as Polyline in Color No. 115 and Tread, Rise and Handrail text shall be placed in the same Color. Note: In case of More than One Stair it should be named as Stair - 01, Stair - 02, Stair - 03.....	

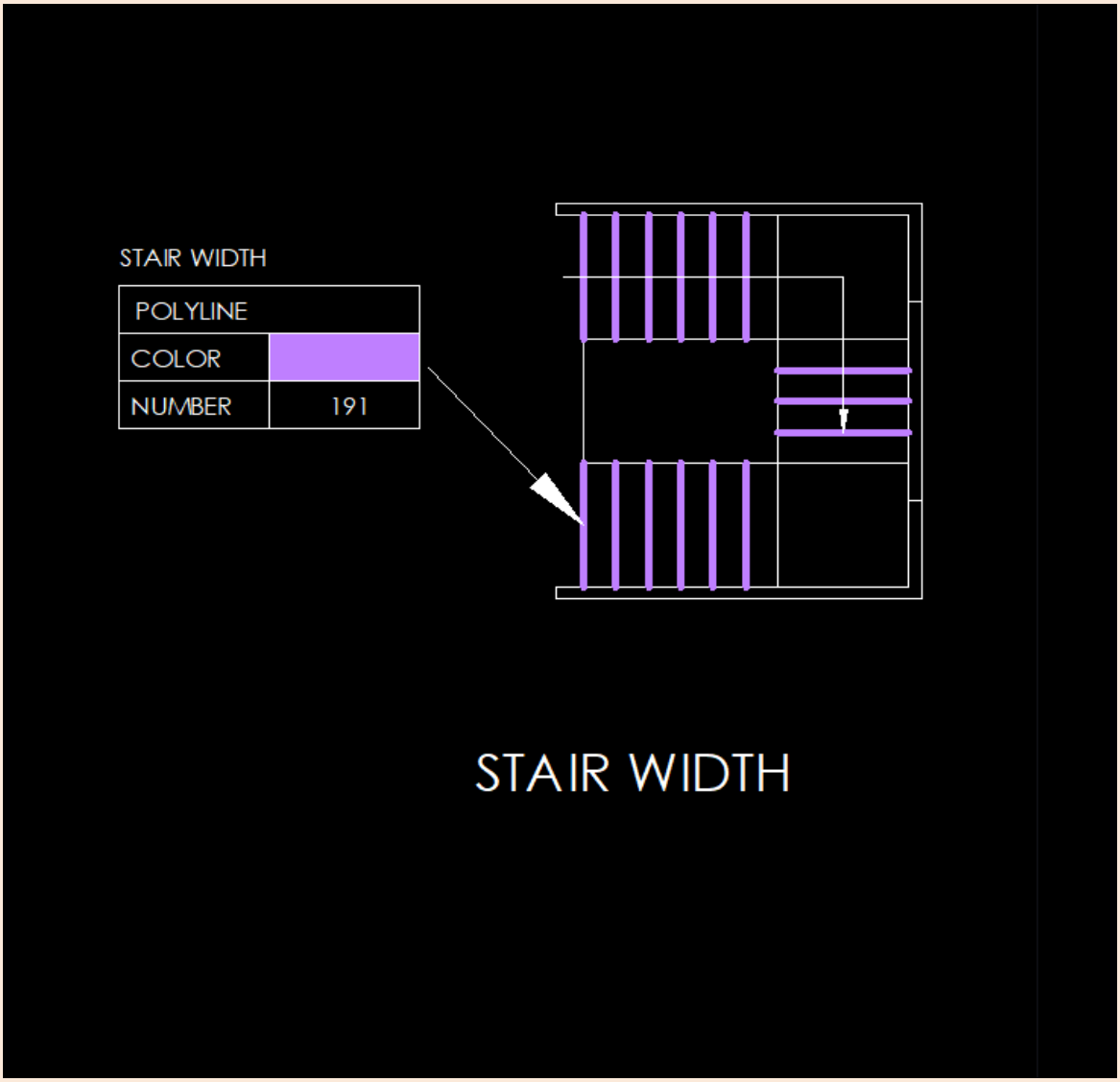


S.No	Description	Layer
53	Stair Landing shall be drawn as Polyline in Color No. 223.	Applicable Floor Layer

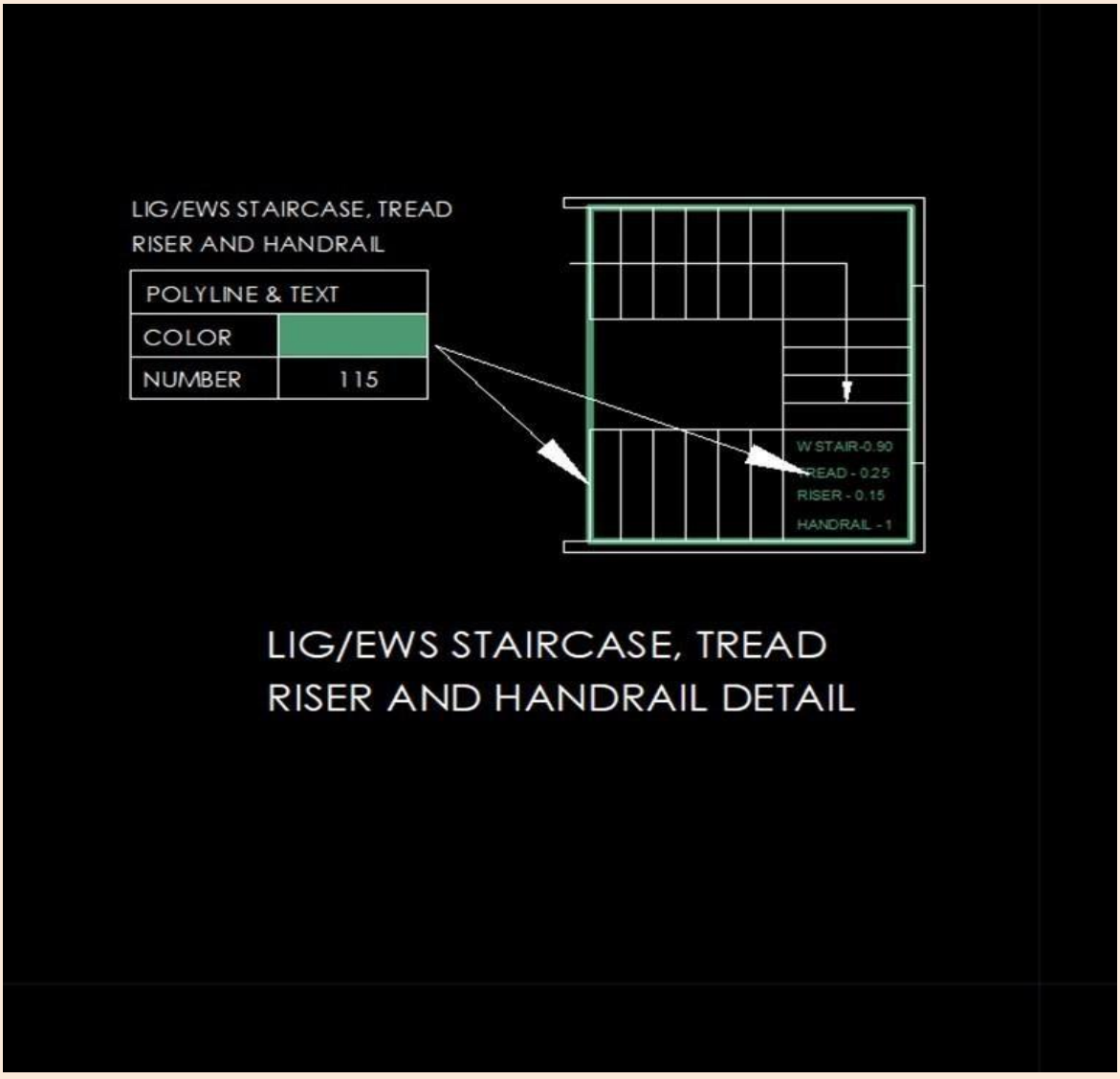


S.No.	Description	Layer
54	Stair Width shall be drawn as Line in Color No. 191.	Applicable

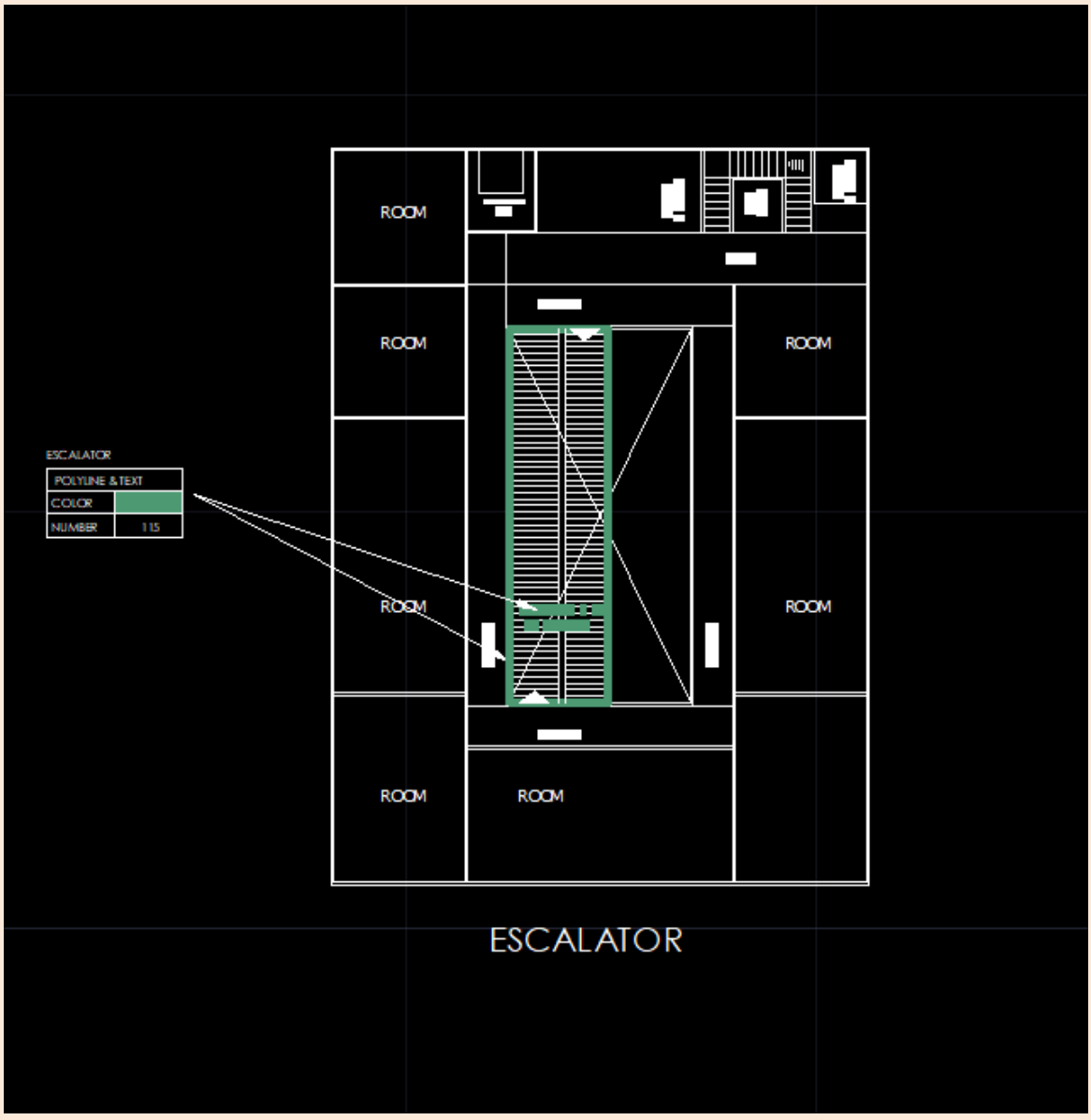
Floor Layer



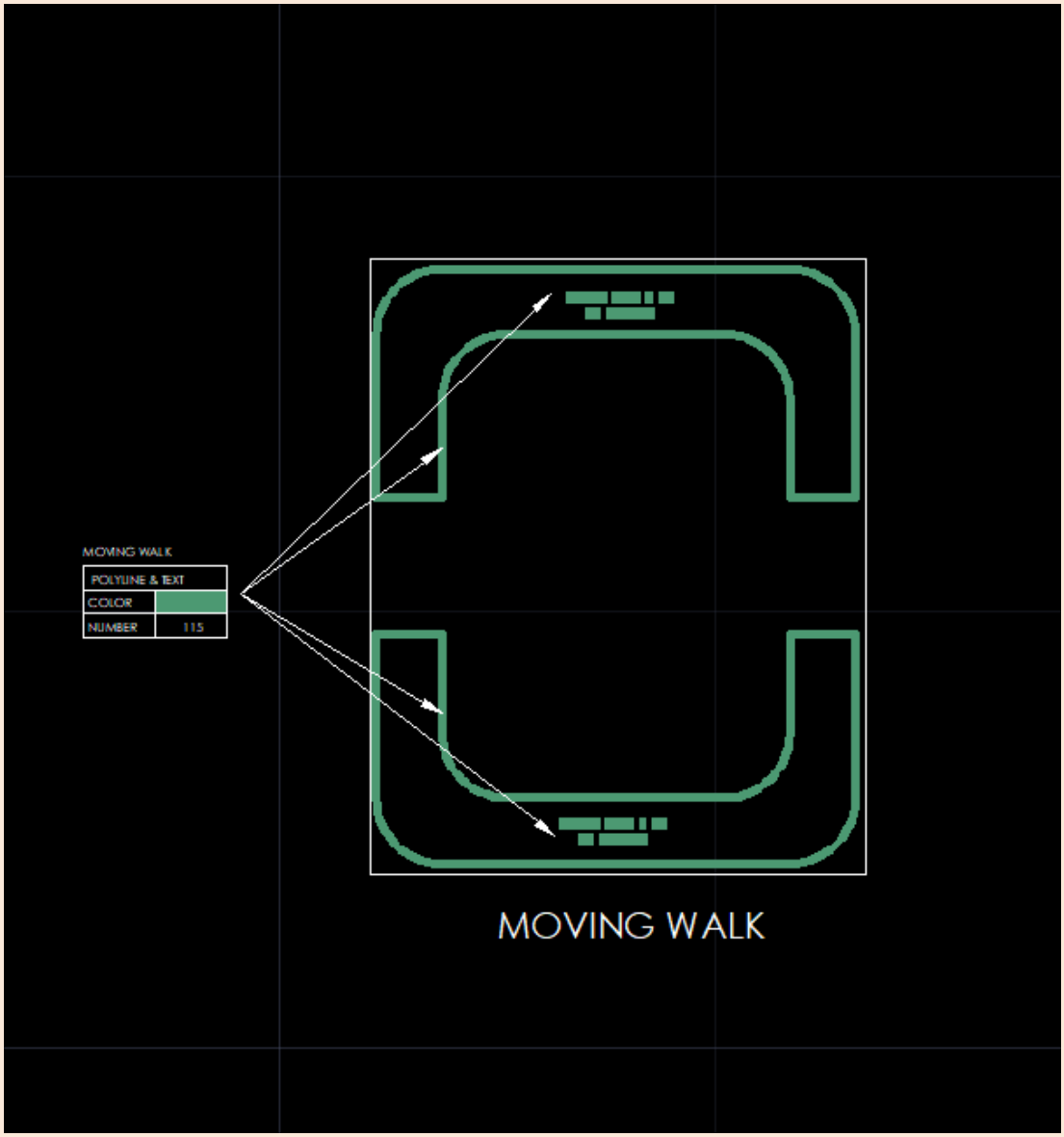
S.No.	Description	Layer
55	EWS and LIG Staircase shall be drawn as Polyline in Color No. 115 and Tread, Rise, Handrail text shall be placed in the same Color. Note: In case of More than One Stair it should be named as W Stair - 01, W Stair - 02, W Stair - 03.....	Applicable Floor Layer



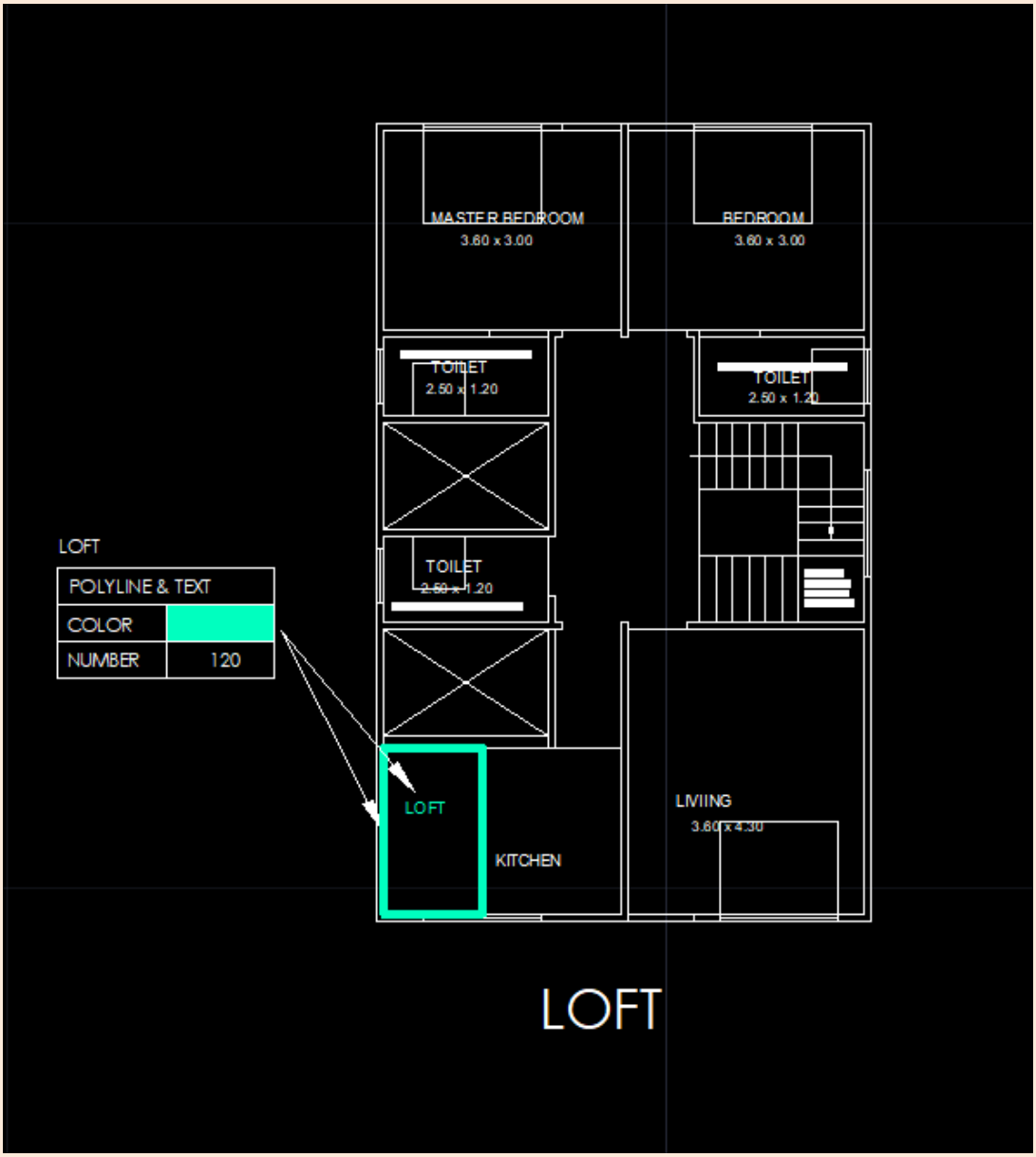
S.No	Description	Layer
56	Escalator shall be drawn as Polyline in Color No. 115 and text shall be placed in the same Color. Note: In case of More than One Escalator it should be named as Escalator - 01, Escalator - 02, Escalator - 03.....	Applicable Floor Layer



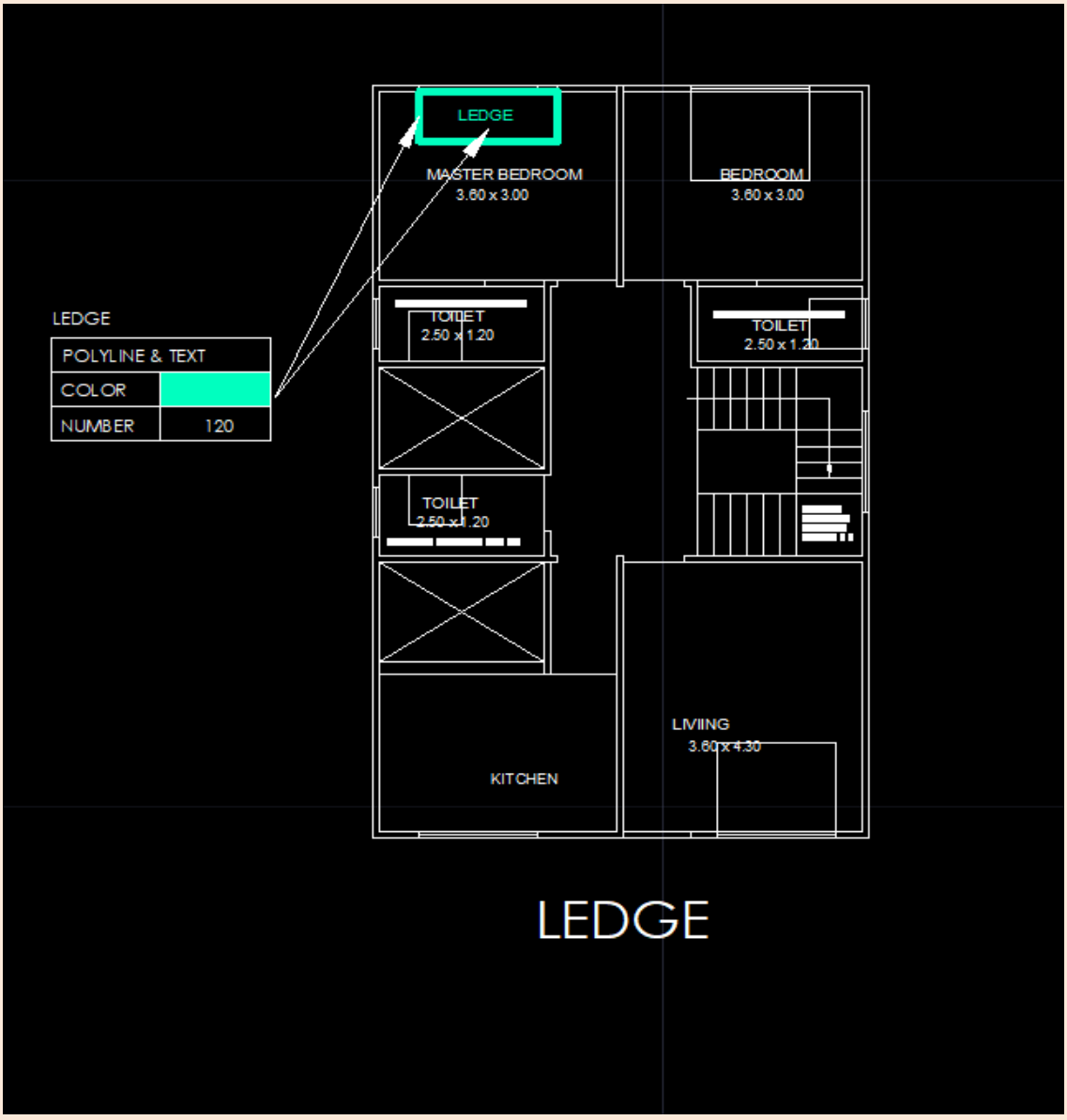
S.No	Description	Layer
57	Moving Walk shall be drawn as Polyline in Color No. 115 and text shall be placed in the same Color. Note: In case of More than One Moving Walk it should be named as Moving Walk - 01, Moving Walk - 02, Moving Walk - 03.....	Applicable Floor Layer



S.No	Description	Layer
58	Loft shall be drawn as Polyline in Color No. 120 and text shall be placed in the same Color.	Applicable Floor Layer

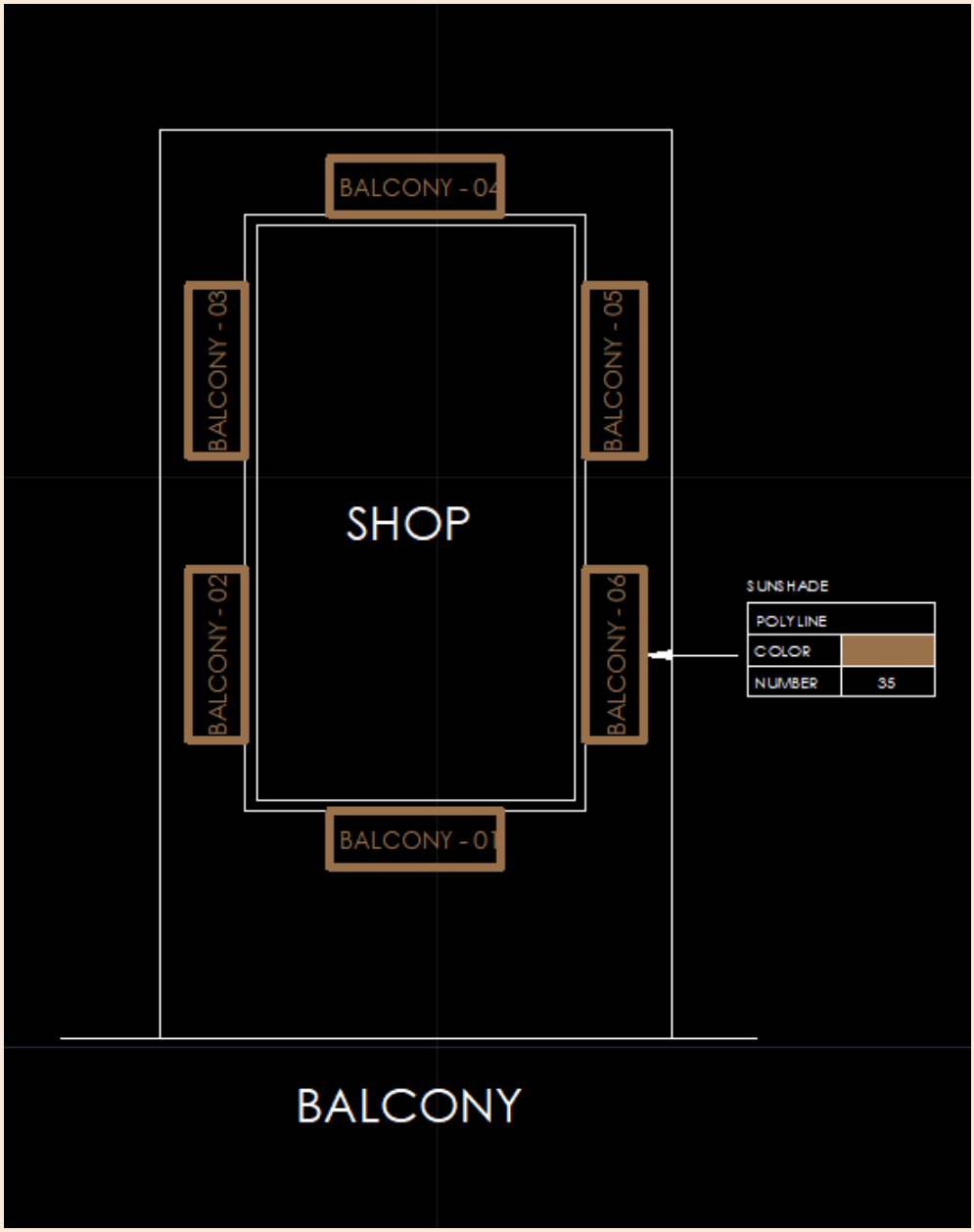


S.No	Description	Layer
59	Ledge shall be drawn as Polyline in Color No. 120 and text shall be placed in the same Color.	Applicable Floor Layer

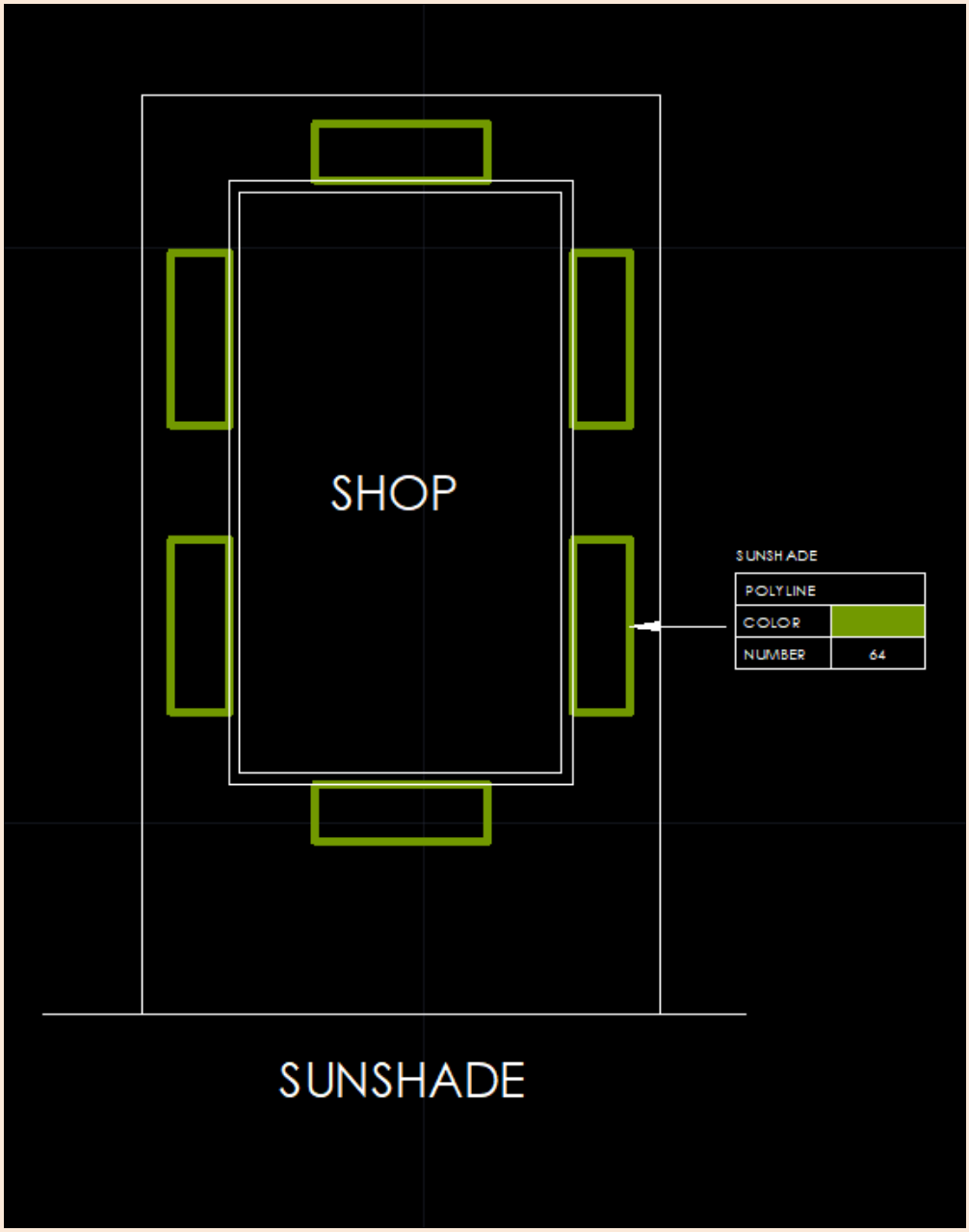


S.No	Description	Layer
60	Balcony shall be drawn as Polyline in Color No. 35.	Applicable Floor Layer

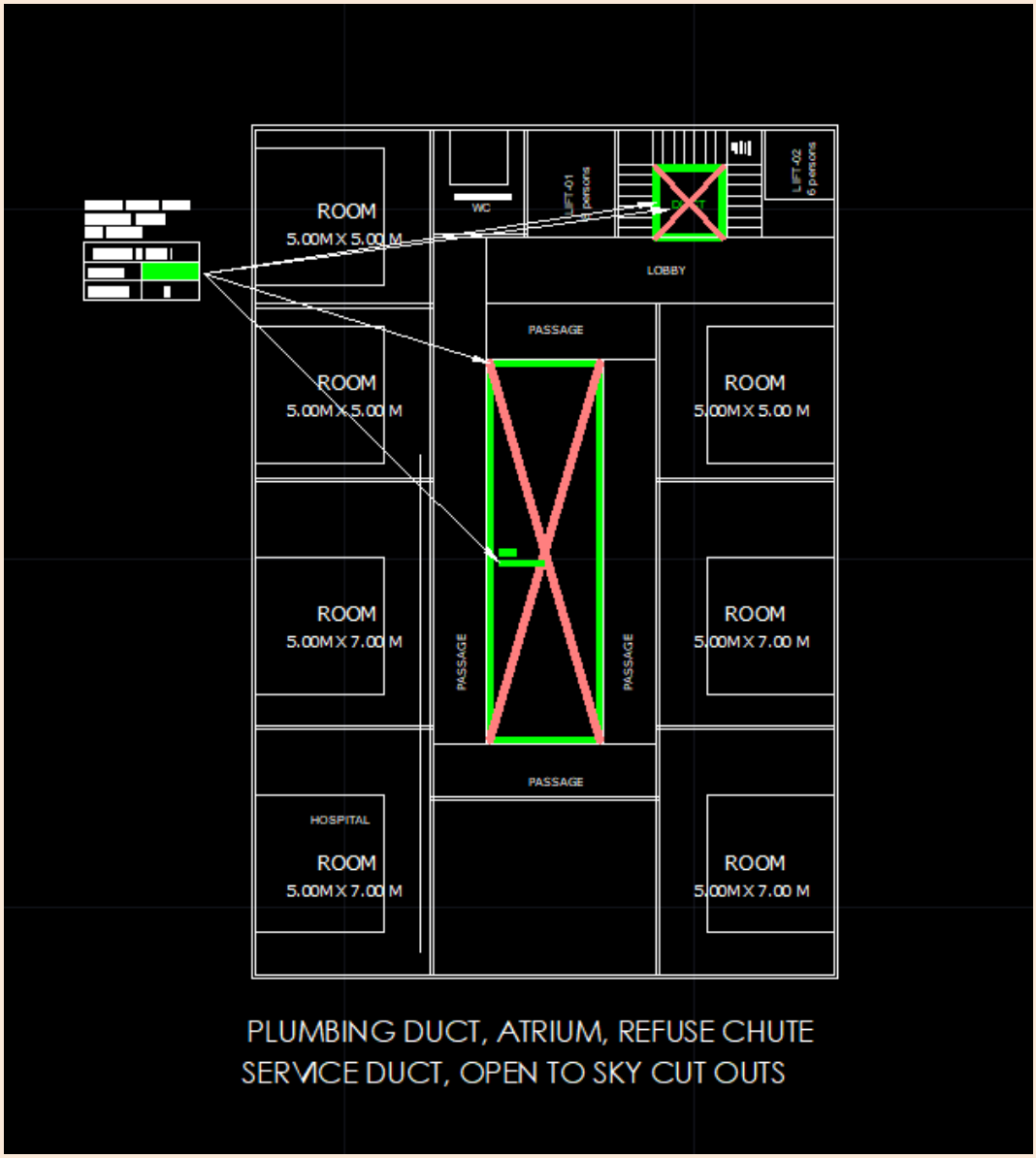
Note:
In case of More than One BALCONY it should be named as BALCONY - 01, BALCONY - 02, BALCONY - 03.....



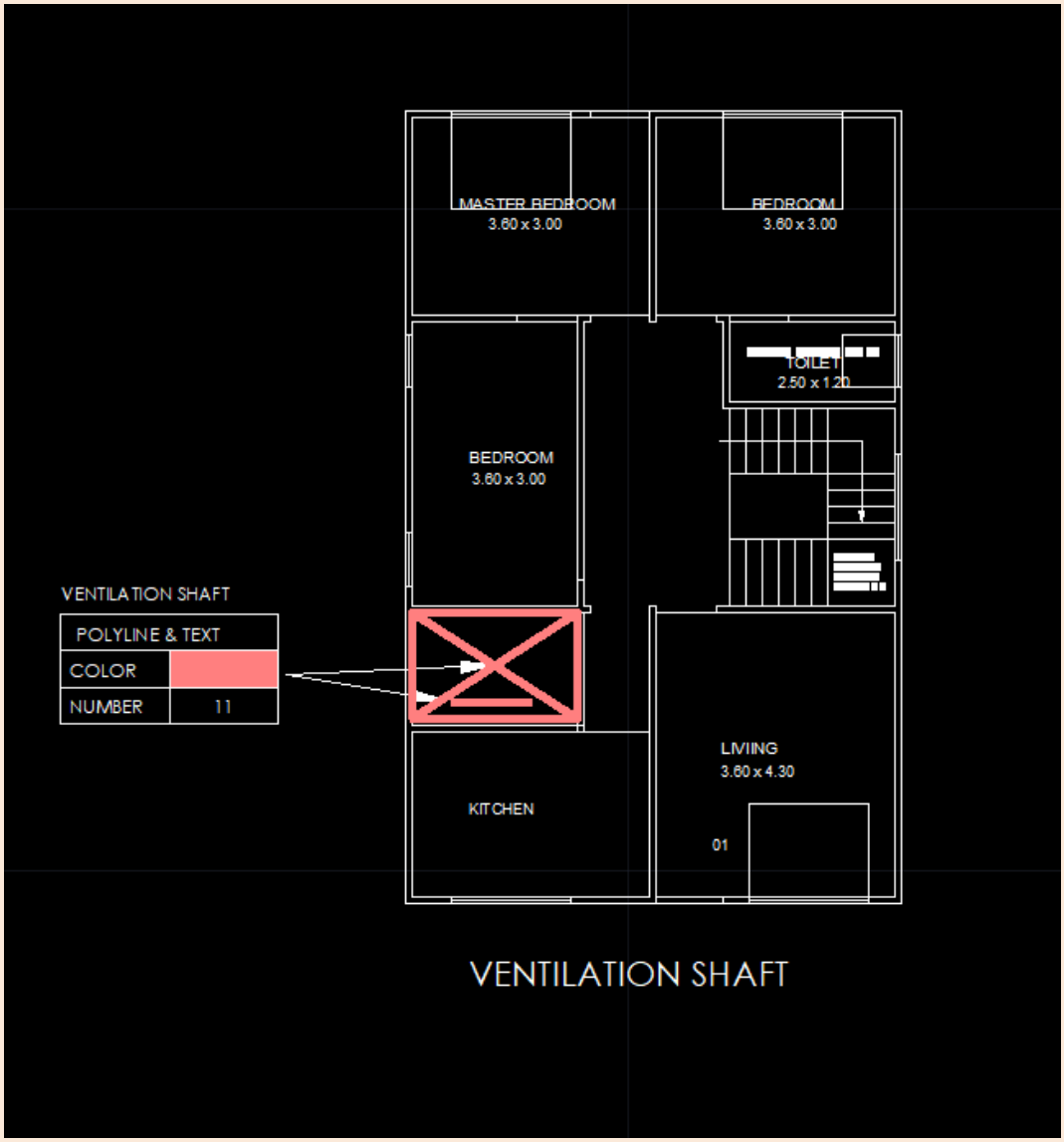
S.No	Description	Layer
61	Sunshade shall be drawn as Polyline in Color No. 64.	Applicable Floor Layer



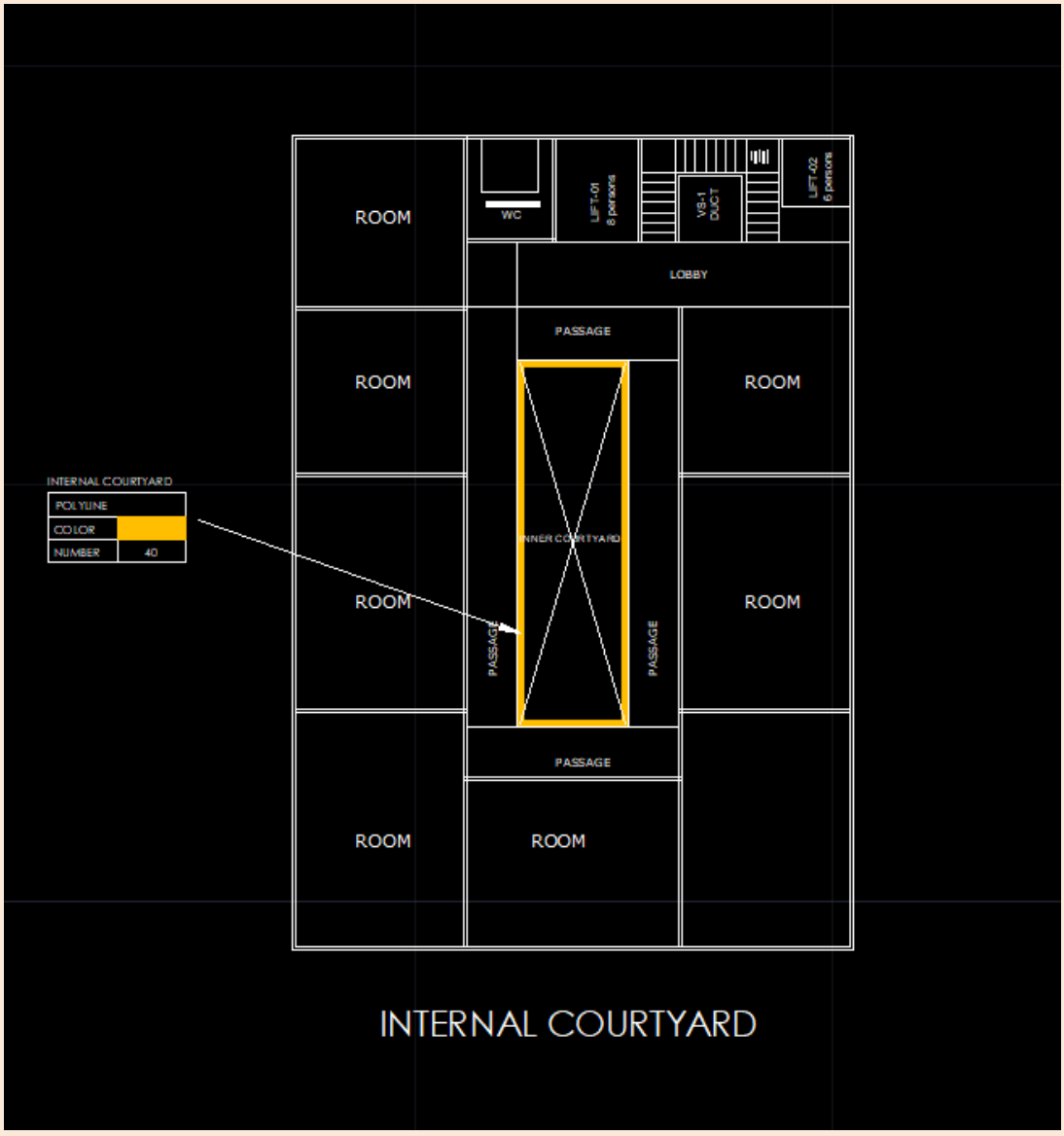
S.No	Description	Layer
62	Deducted from FAR shall be drawn as Polyline in Color No. 3 may be Plumbing duct, Atrium, Refuse chute, Refuse chamber, Service duct, Open to sky and Cutout. Note: In case of More than Service Duct it should be named as SERVICE DUCT - 01, SERVICE DUCT - 02, SERVICE DUCT - 03.....	Applicable Floor Lay



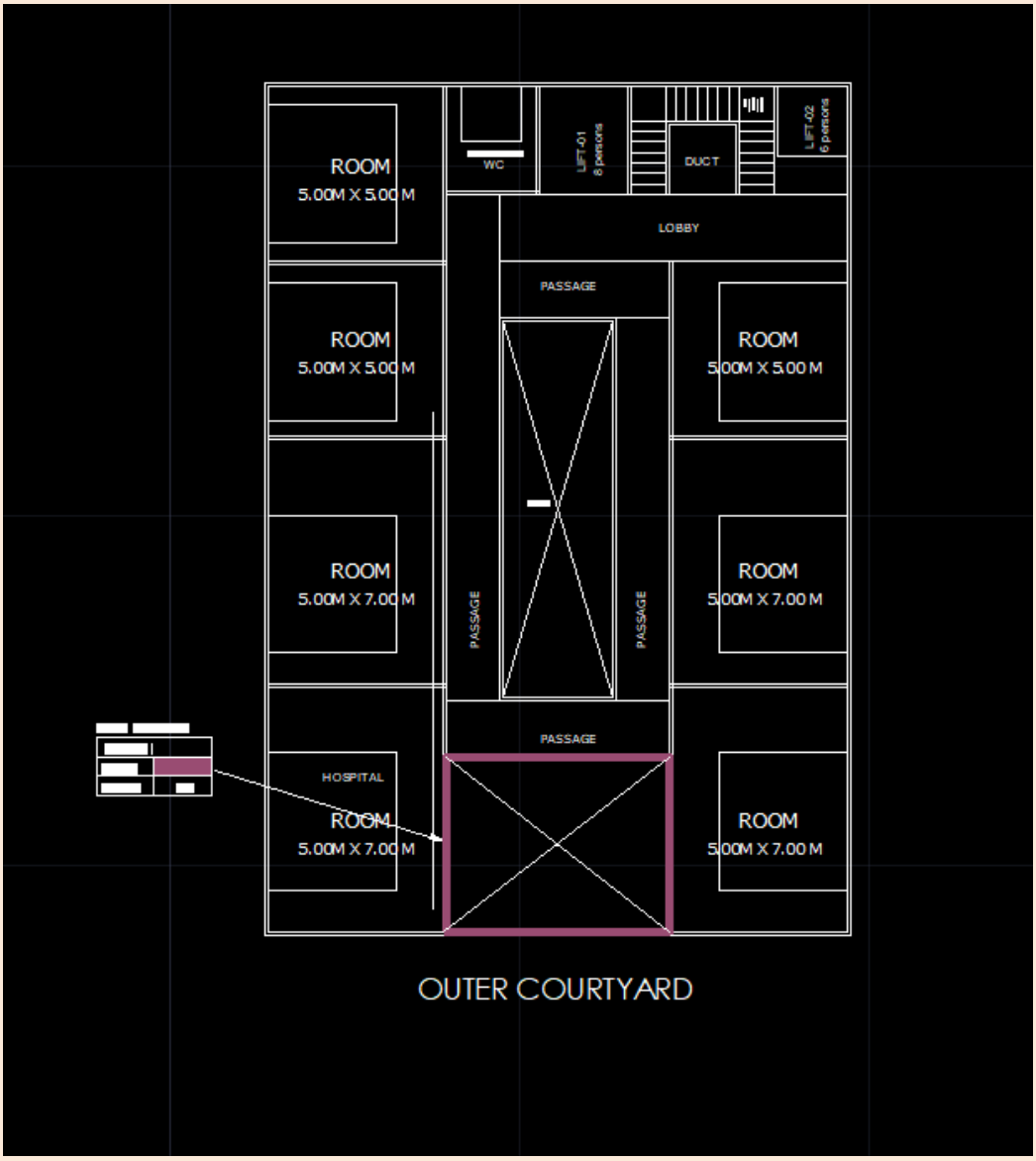
S.No	Description	Layer
63	Ventilation shaft shall be drawn as Polyline in Color No. 11 and text shall be placed in the same Color. Cut out line of the same color needs To be provided Note: In case of More than One Ventilation shaft it should be named as VENTILATION SHAFT - 01, VENTILATION SHAFT - 02, VENTILATION SHAFT - 03.....	Applicable Floor Layer



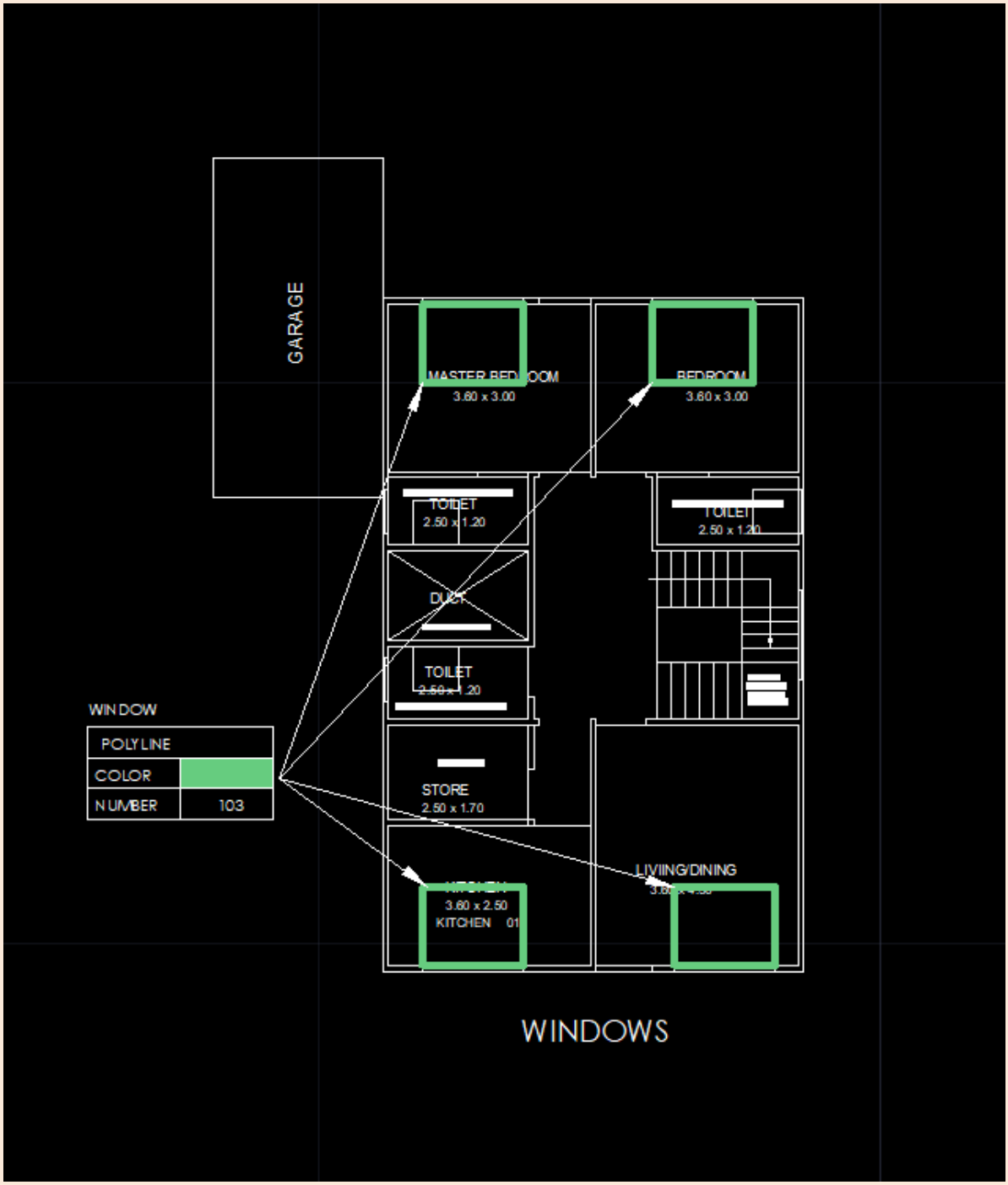
S.No	Description	Layer
64	Inner Courtyard shall be drawn as Polyline in Color No. 40.	Applicable Floor layer



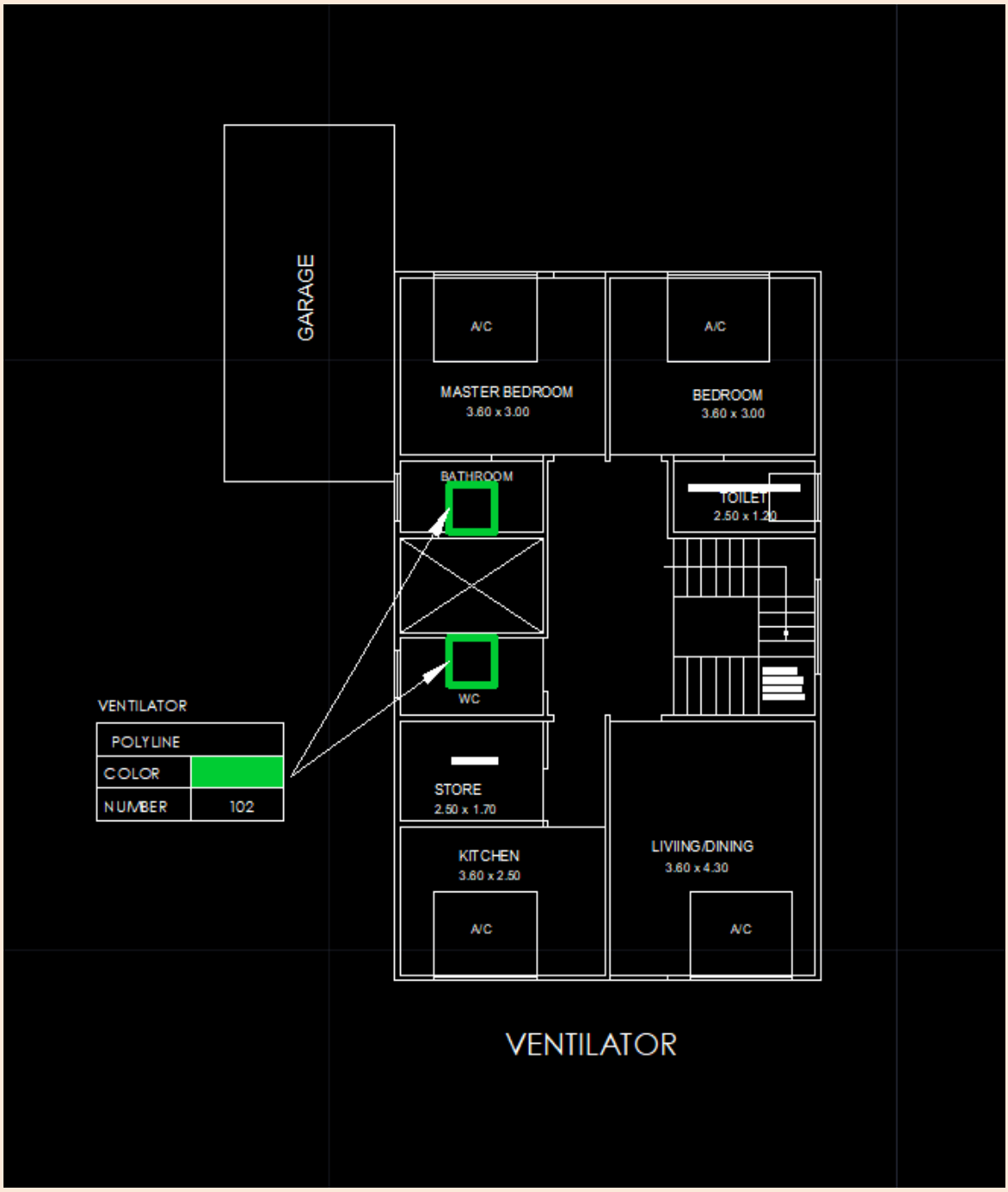
S.No	Description	Layer
65	Outer courtyard shall be drawn as Polyline in Color No. 235.	Applicable Floor Layer



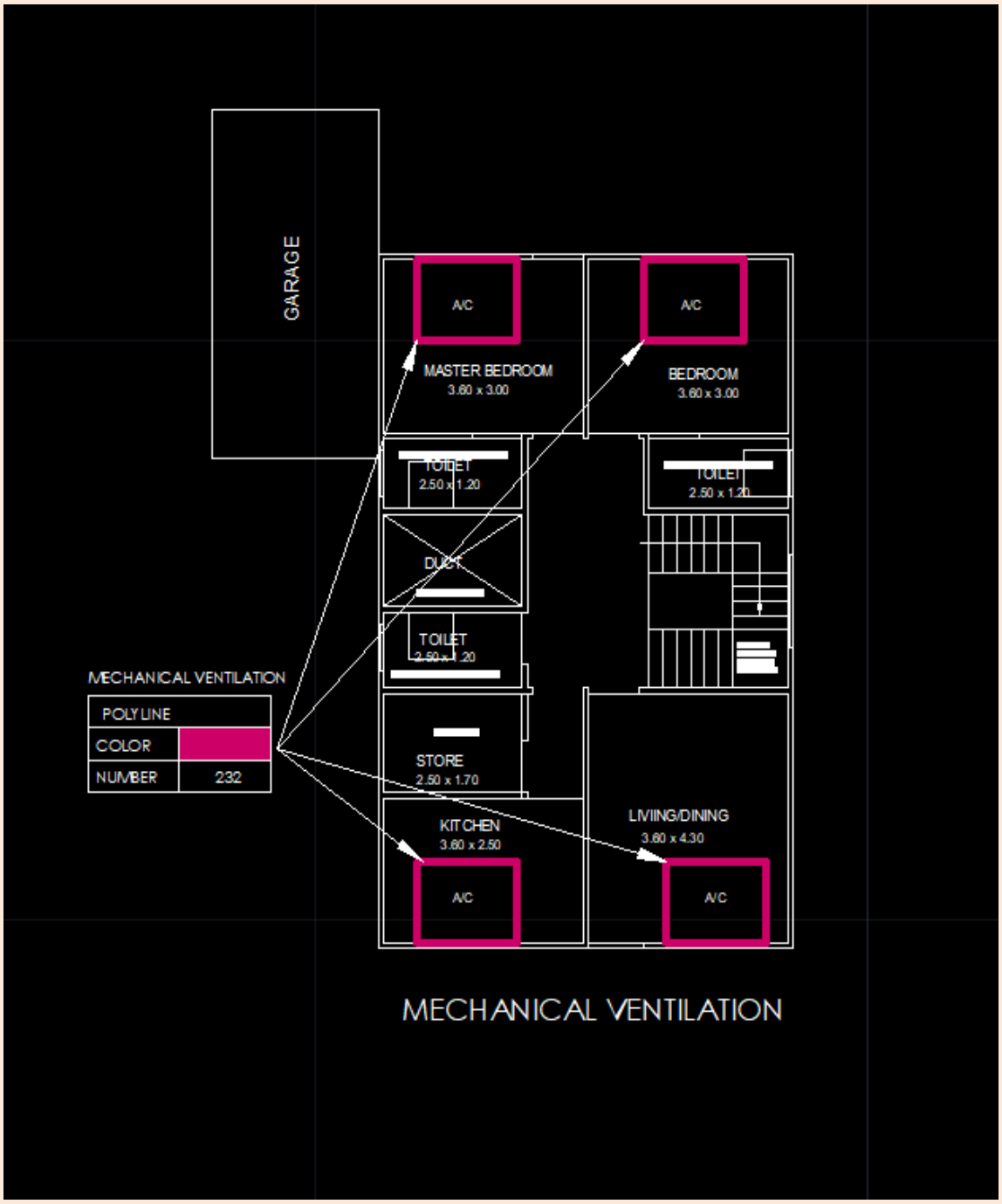
S.No	Description	Layer
66	Window shall be drawn as Polyline in Color No. 103.	Applicable floor Layer



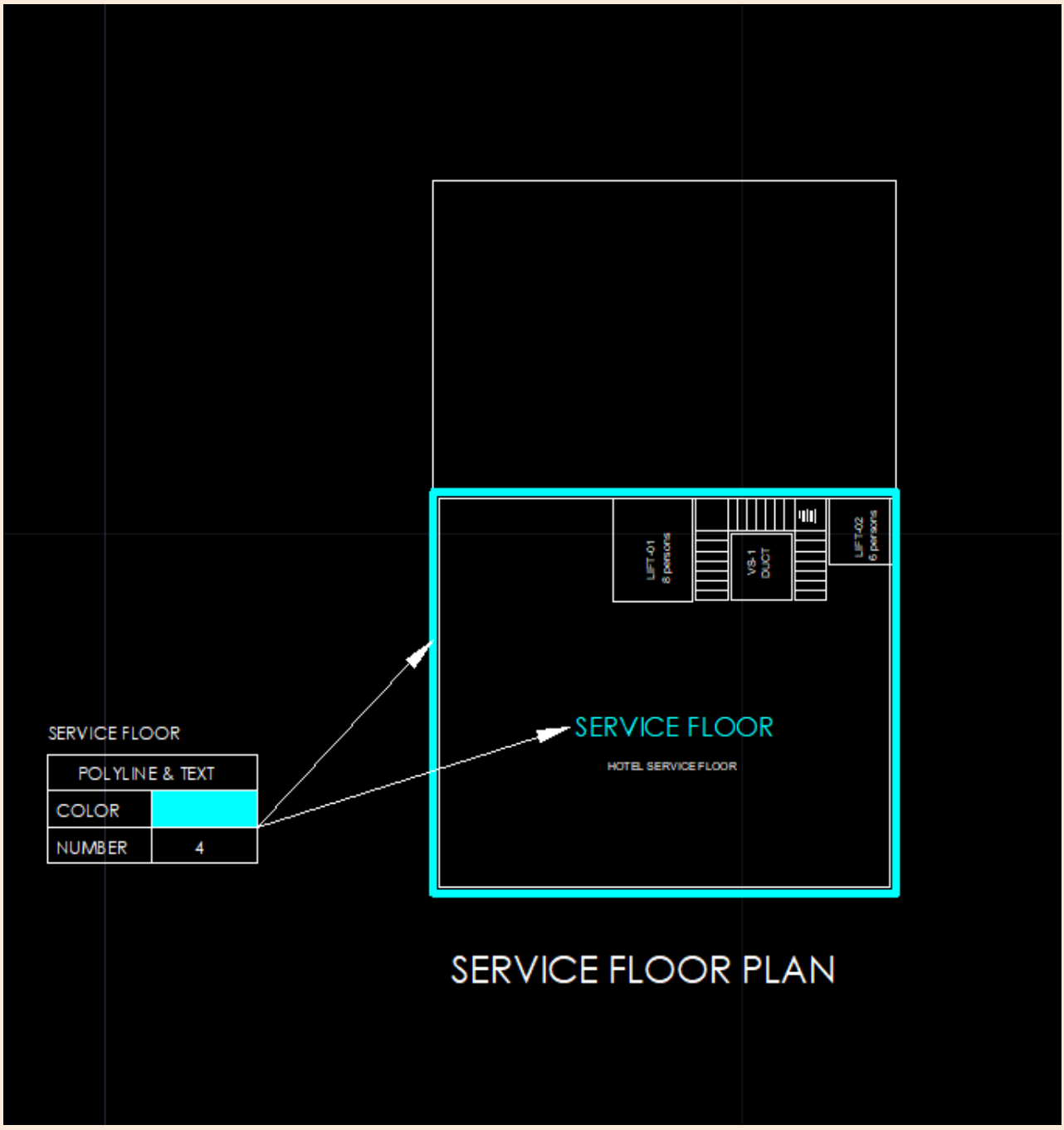
S.No	Description	Layer
67	Ventilator shall be drawn as Polyline in Color No. 102.	Applicable Floor Layer



S.No	Description	Layer
68	Mechanical ventilation shall be drawn as Polyline in Color No. 232.	Applicable Floor Layer



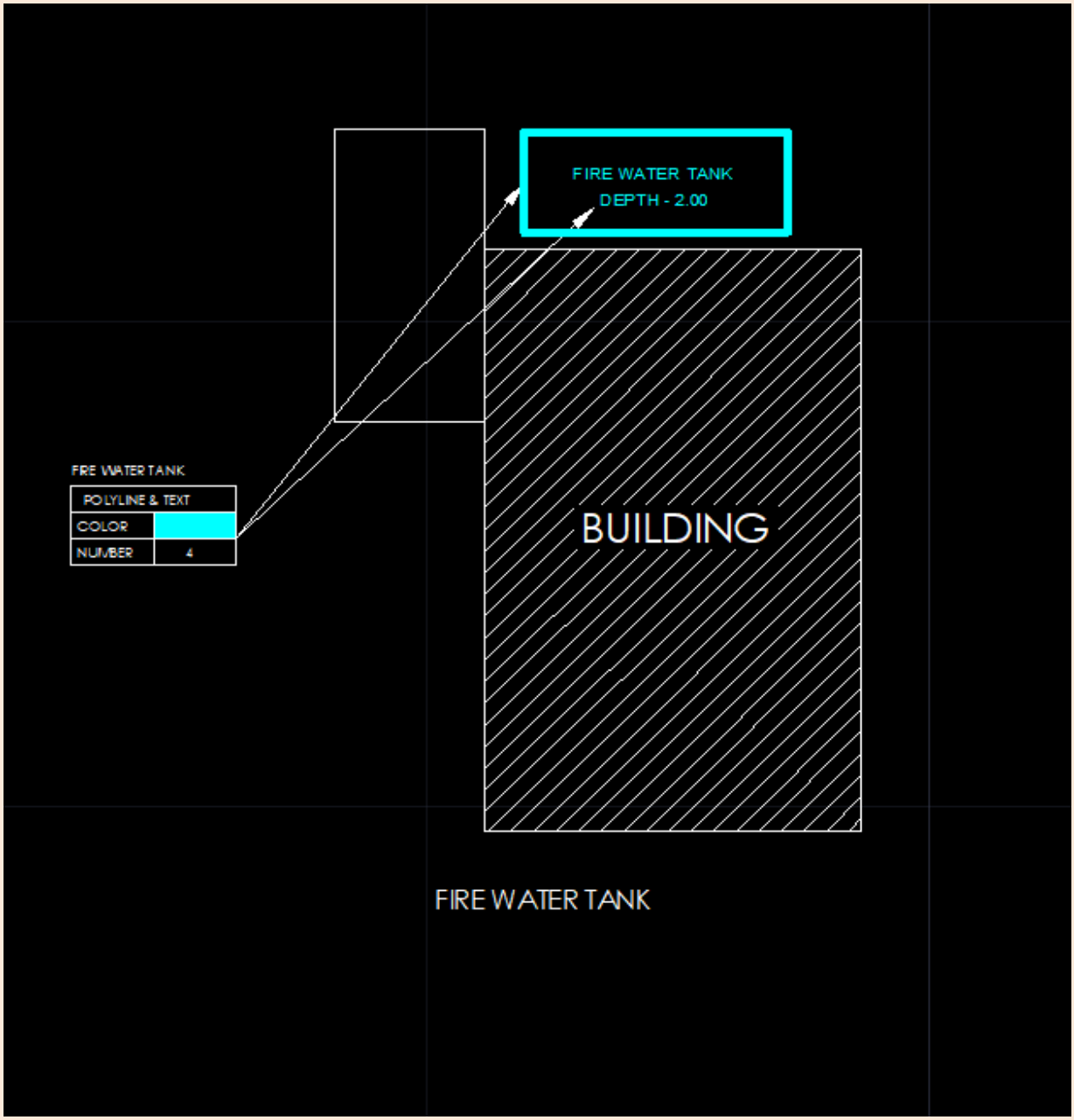
S.No	Description	Layer
69	Service Floor boundary shall be drawn as Polyline in Color No. 4 and text shall be placed in the same color.	FLOOR-SERVICE or FLOOR-SERVICE-EX



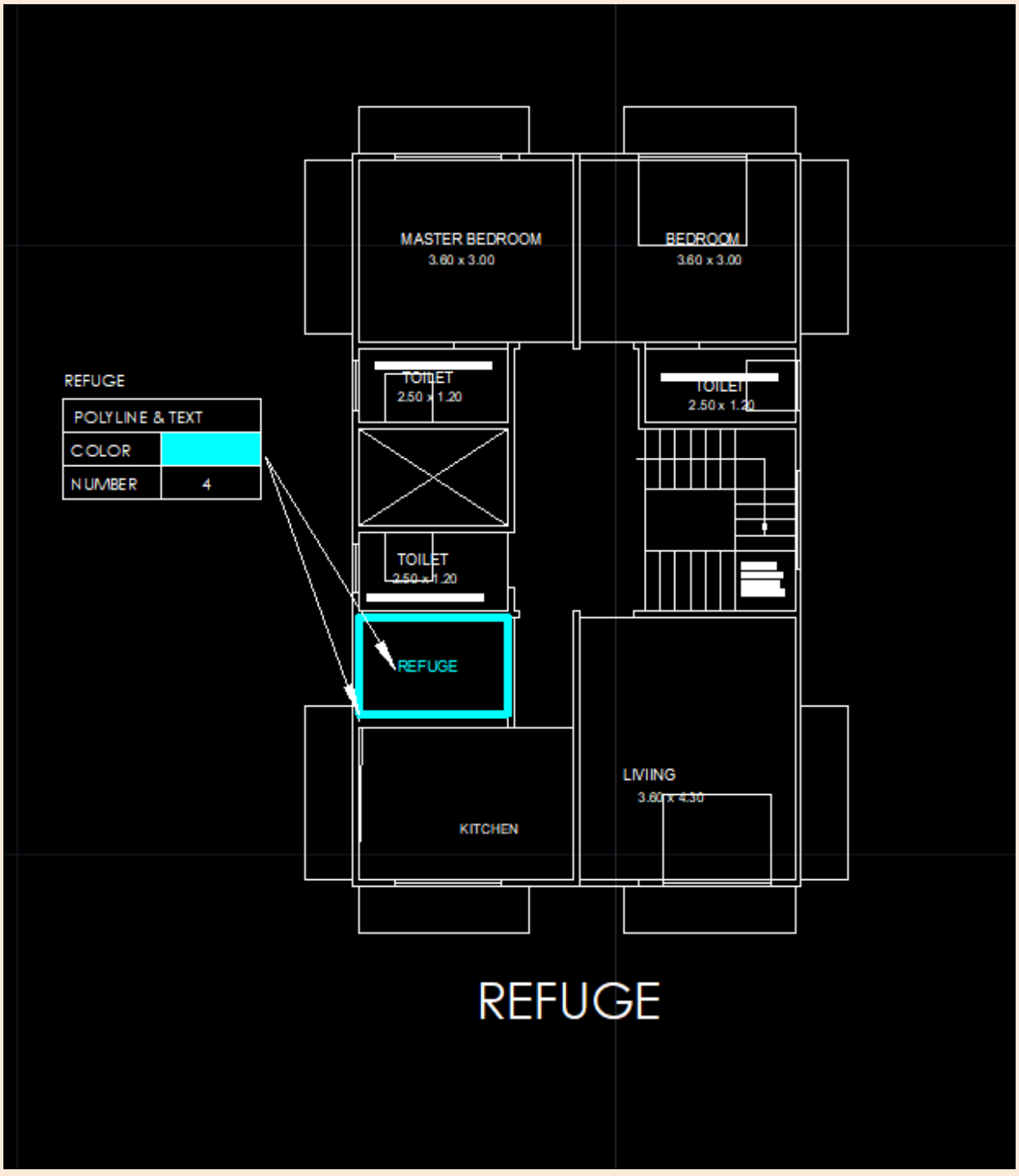
S.No	Description	Layer
70	Non far shall be drawn as Polyline in Color No. 4 and text shall be placed in the same color.	Applicable Floor Layer



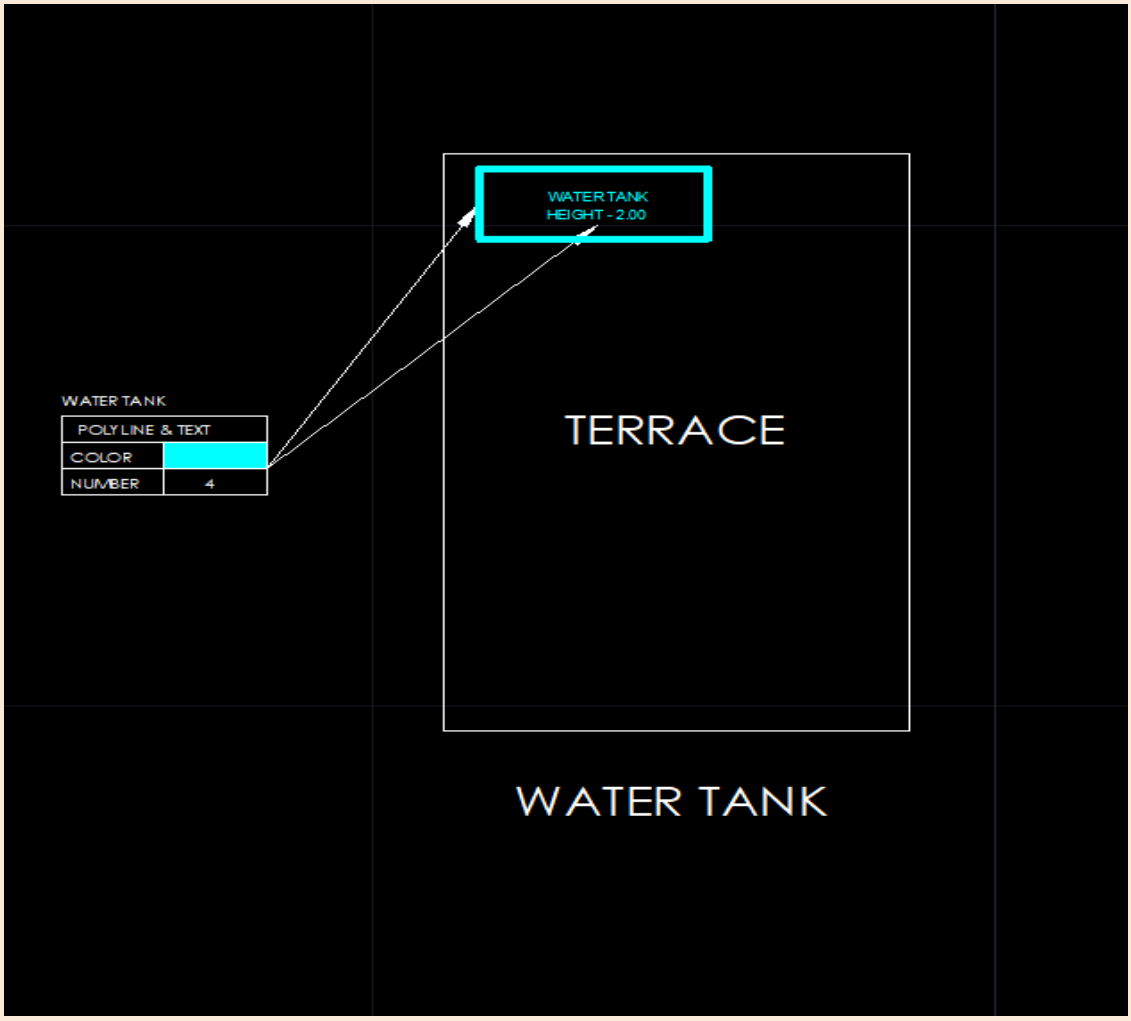
S.No	Description	Layer
71	Fire Water Tank shall be drawn as Polyline in Color No. 4 and text shall be placed in the same color.	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-EX



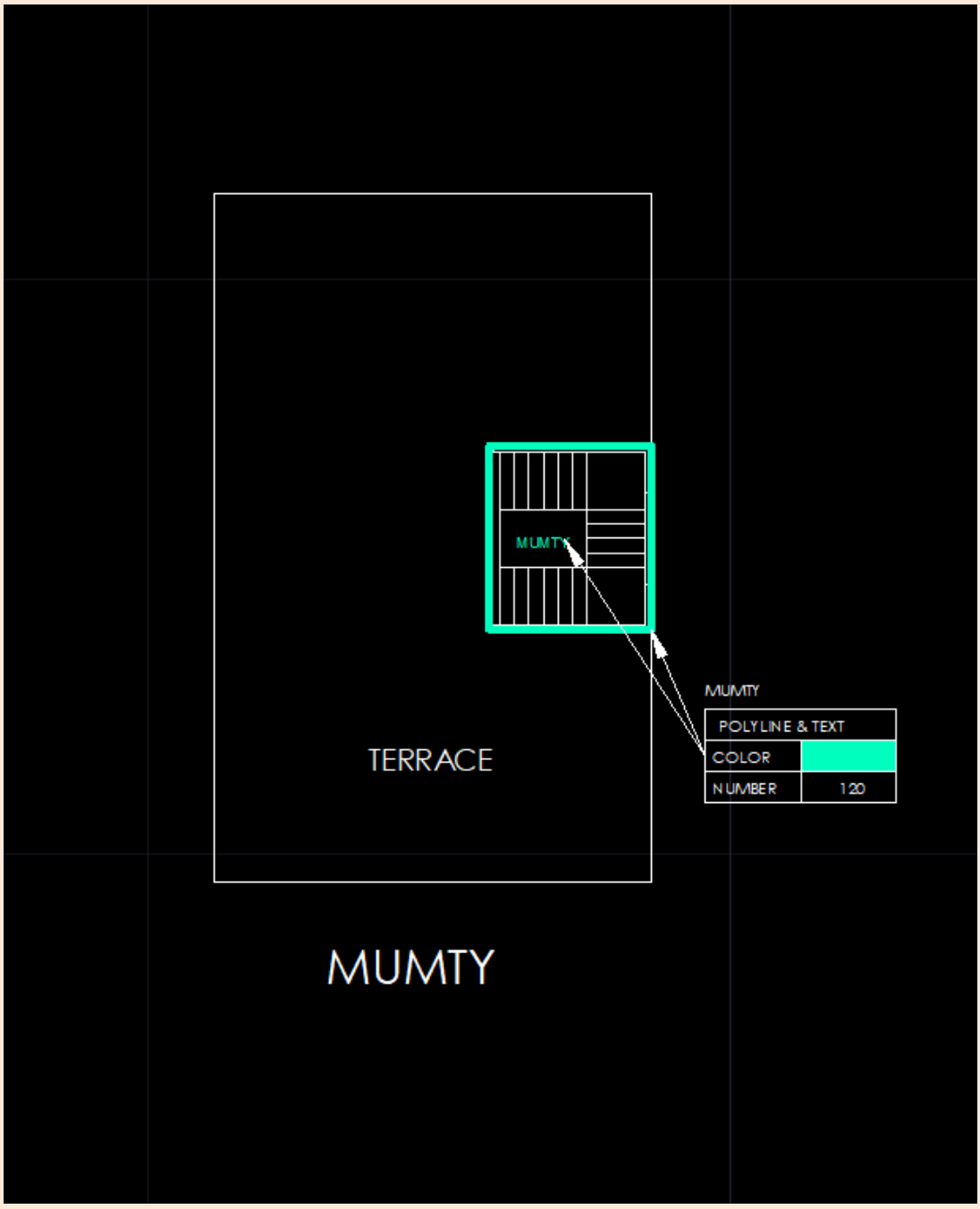
S.No	Description	Layer
72	Refuge shall be drawn as Polyline in Color No. 4 and text shall be placed in the same color.	Applicable Floor Layer



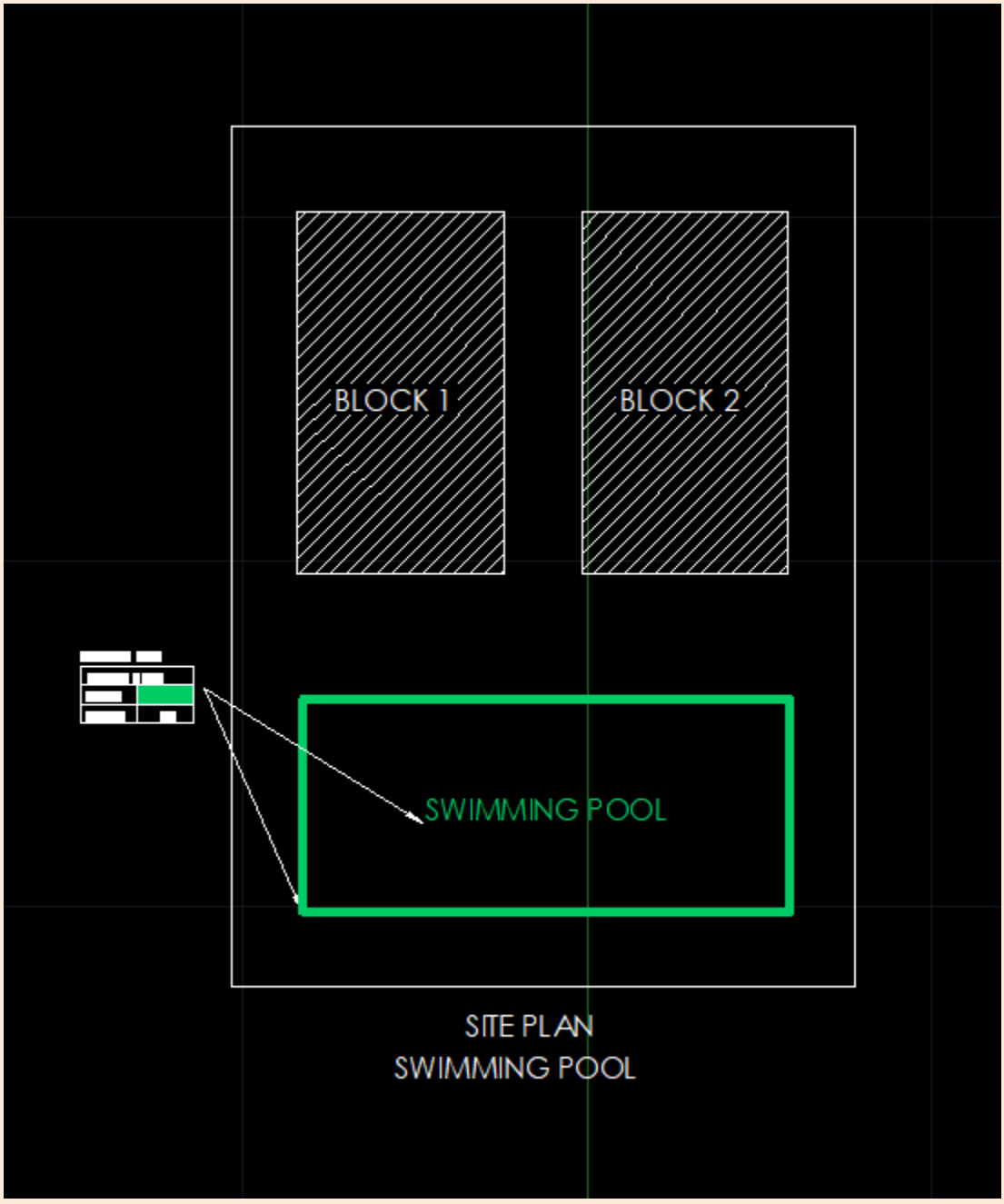
S.No	Description	Layer
73	Water Tank shall be drawn as Polyline in Color No. 4 and text shall be placed in the same color.	FLOOR-TERRACE or FLOOR-TERRACE-EX Or FLOOR-SERVICE Or FLOOR-PODIUM Or FLOOR-STILT Or LOWEST BASEMENT



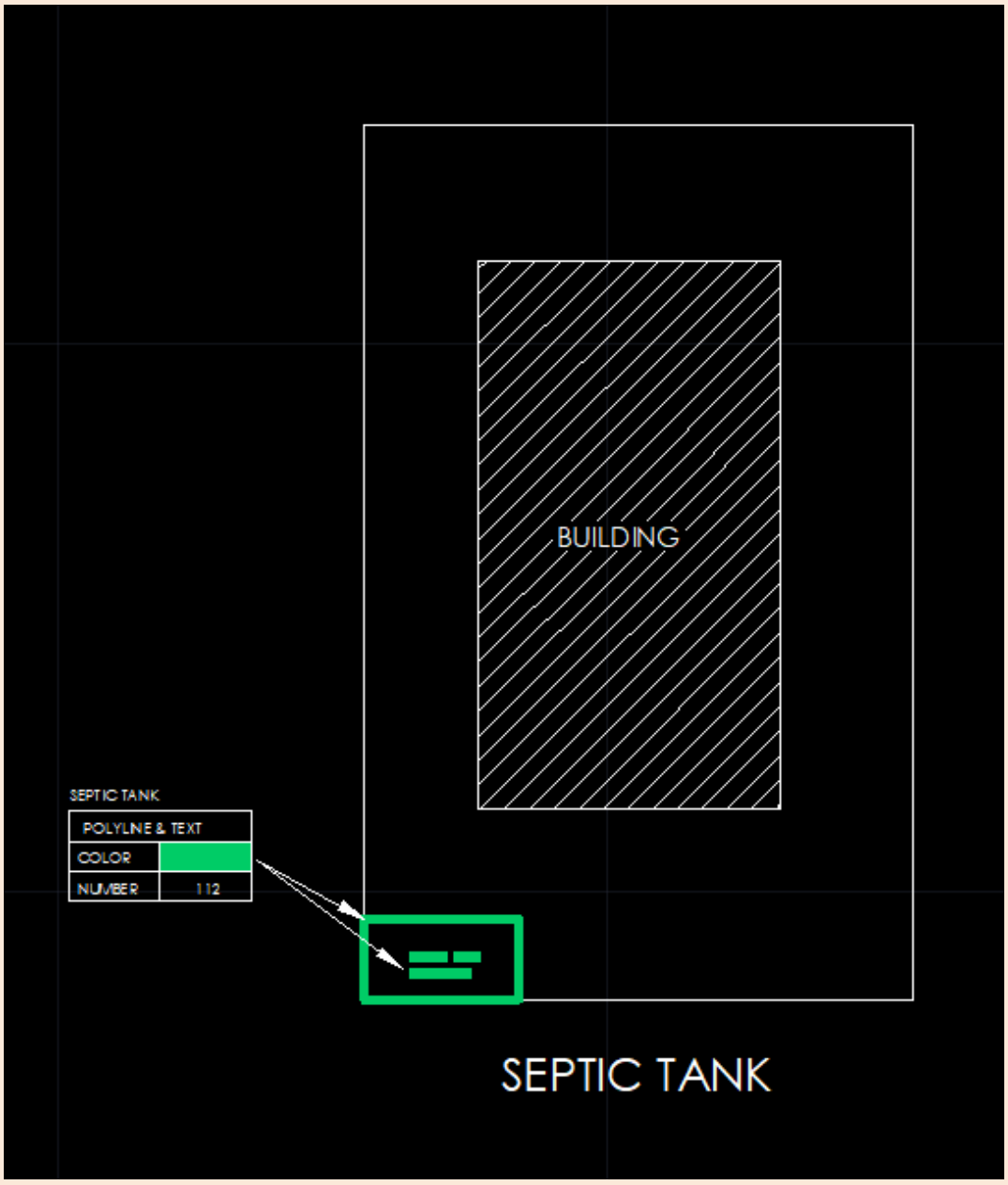
S.No	Description	Layer
74	Mumty shall be drawn as Polyline in Color No. 120 and text shall be placed in the same color.	FLOOR-TERRACE or FLOOR-TERRACE-EX



S.No	Description	Layer
75	Swimming pool shall be drawn as Polyline in Color No. 112 and text shall be placed in the same color.	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-EX

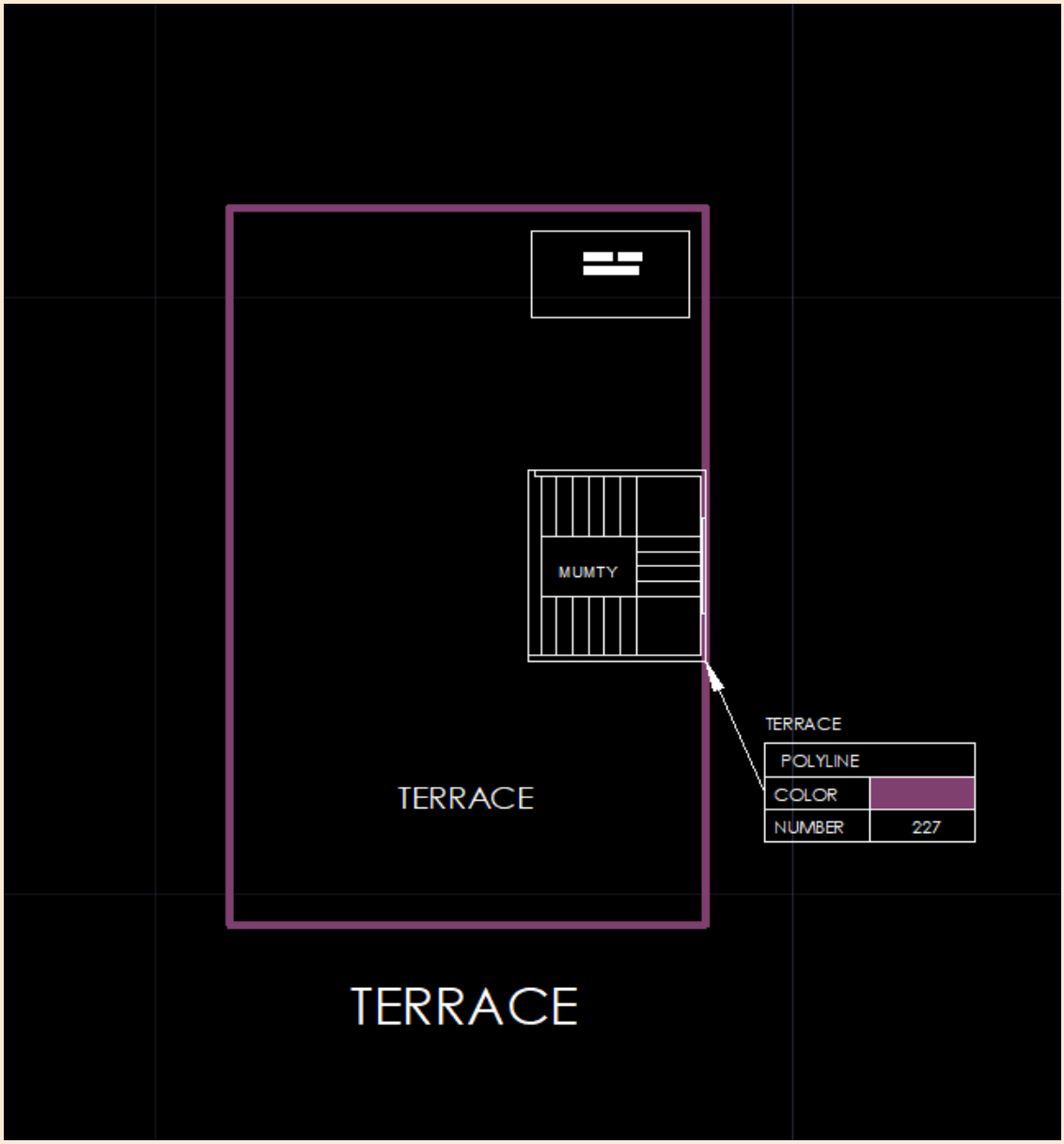


S.No	Description	Layer
76	Septic tank shall be drawn as Polyline in Color No. 112 and Length, width and depth of Septic tank text shall be placed in the same Color.	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-EX

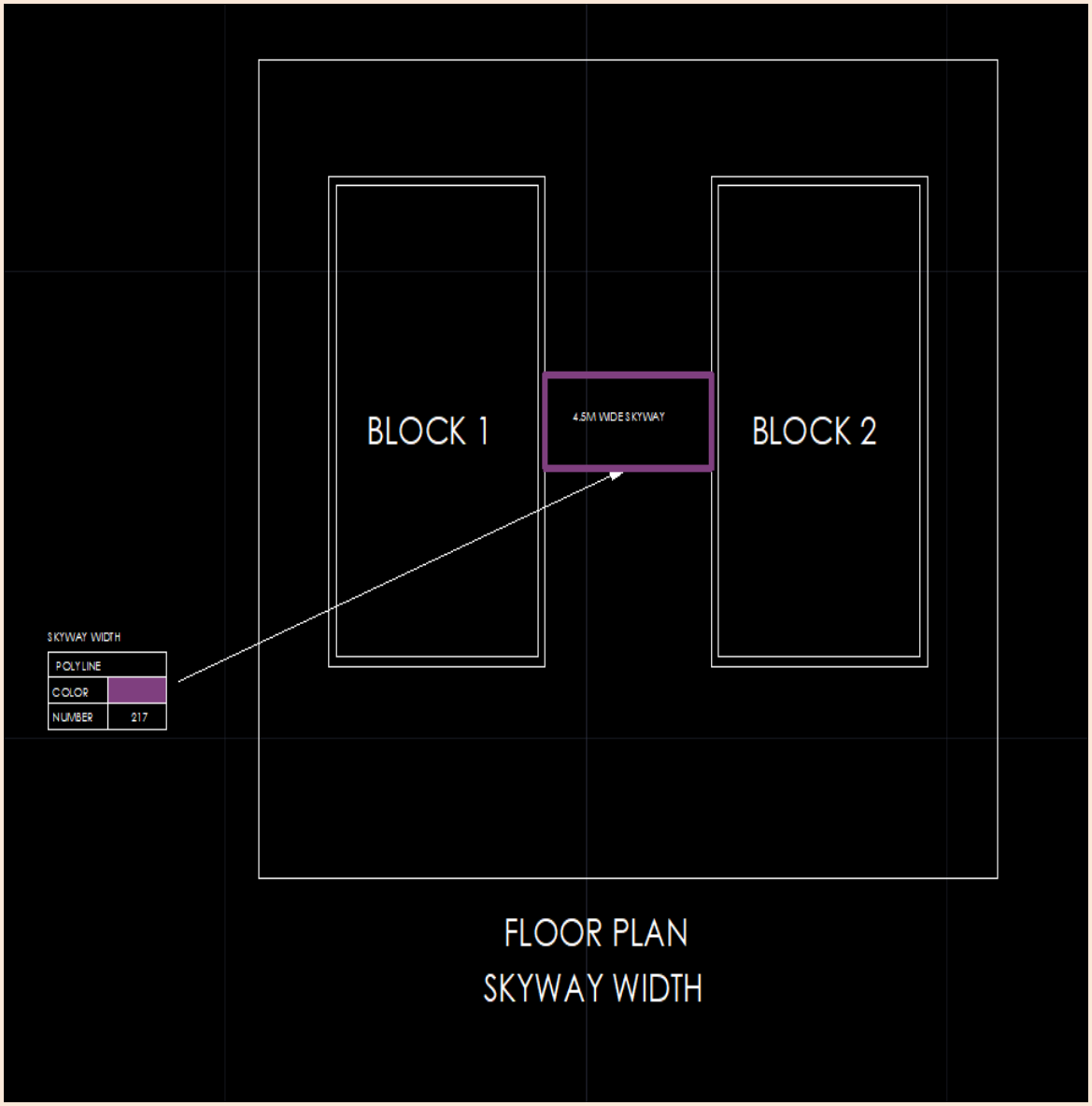


S.No	Description	Layer
77	Terrace floor area shall be drawn as Polyline in Color No. 227.	FLOOR- TERRACE or FLOOR-TERRACE-EX

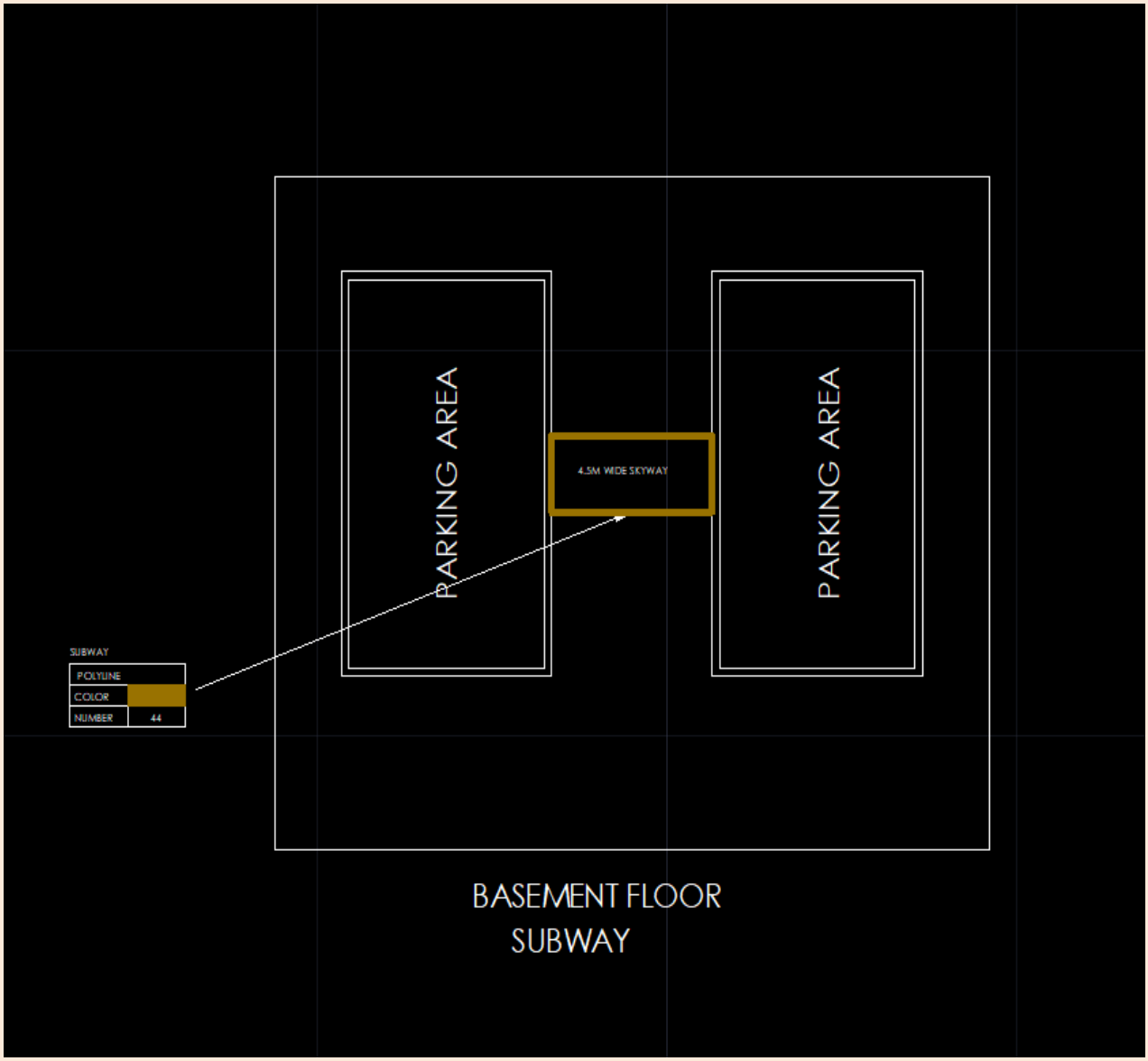
78 Terrace (color 227) floor layer unless until not the top floor of the building it should be respective floor layer.



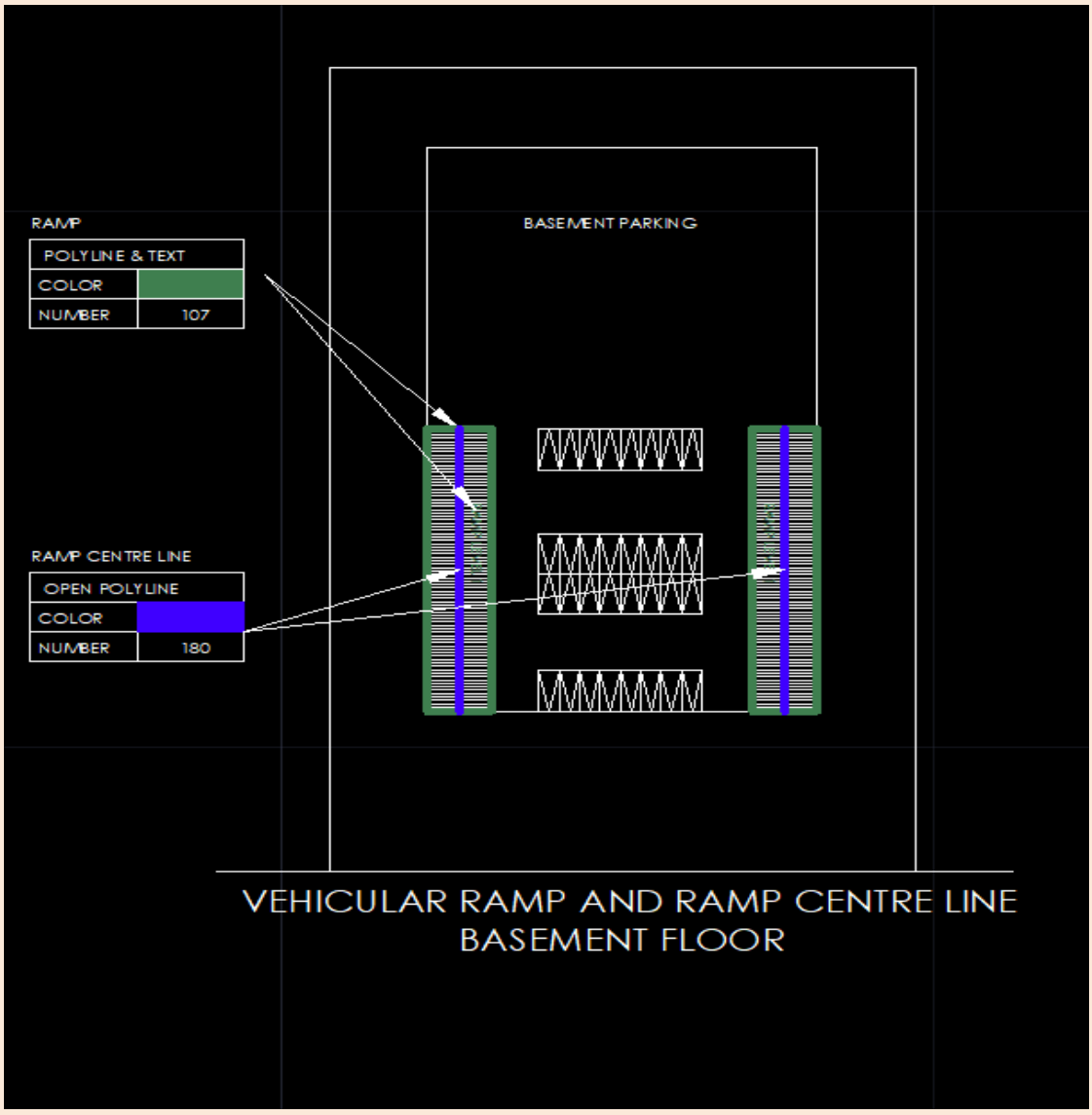
S.No	Description	Layer
78	Skyway width shall be drawn as polyline in Color No. 217.	Applicable Floor Layer



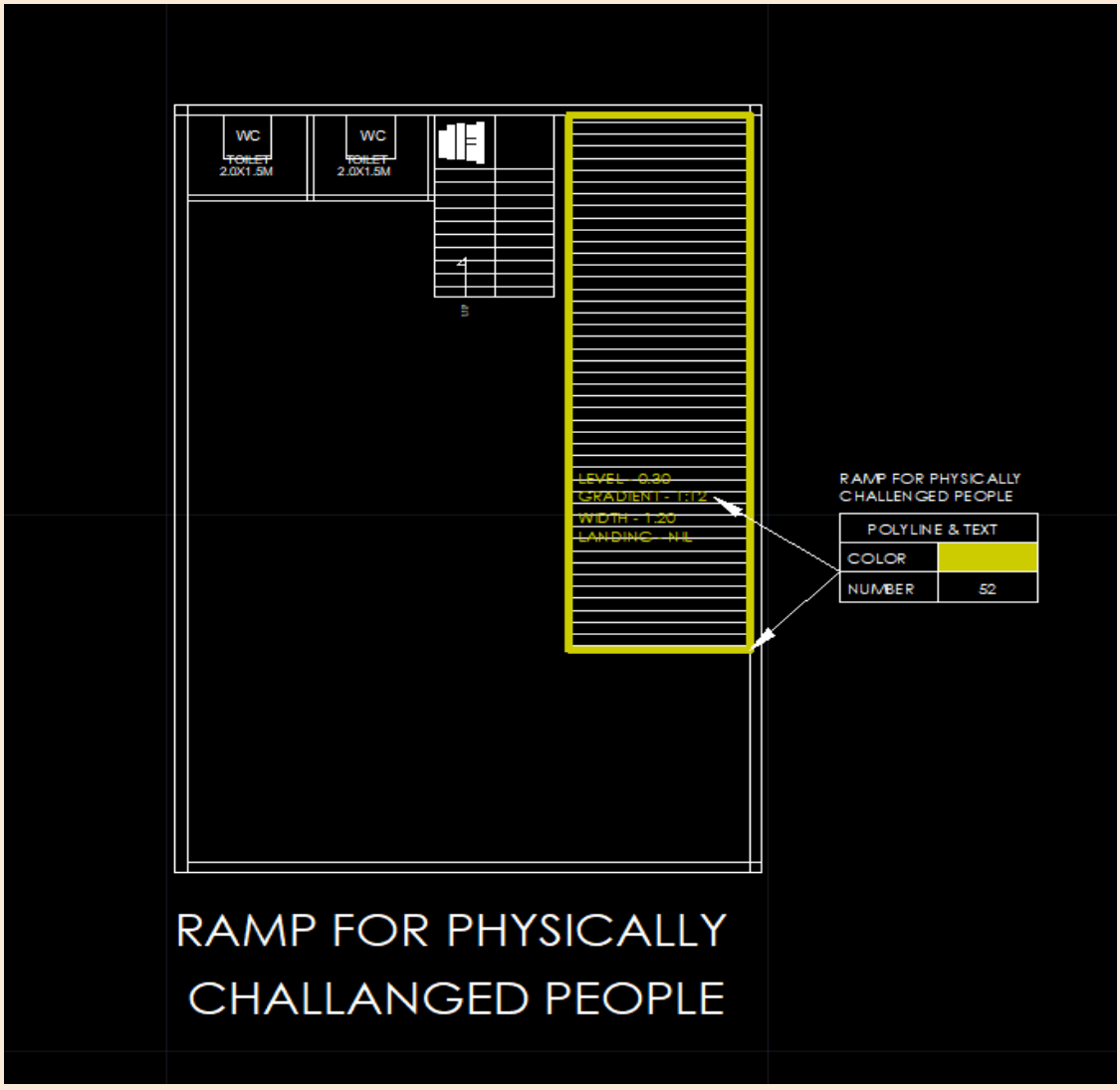
S.No	Description	Layer
79	Subway shall be drawn as Polyline in Color No. 44.	FLOOR-BF1 or FLOOR-BF2 or FLOOR-BF1-EX or FLOOR-BF2-EX Etc.



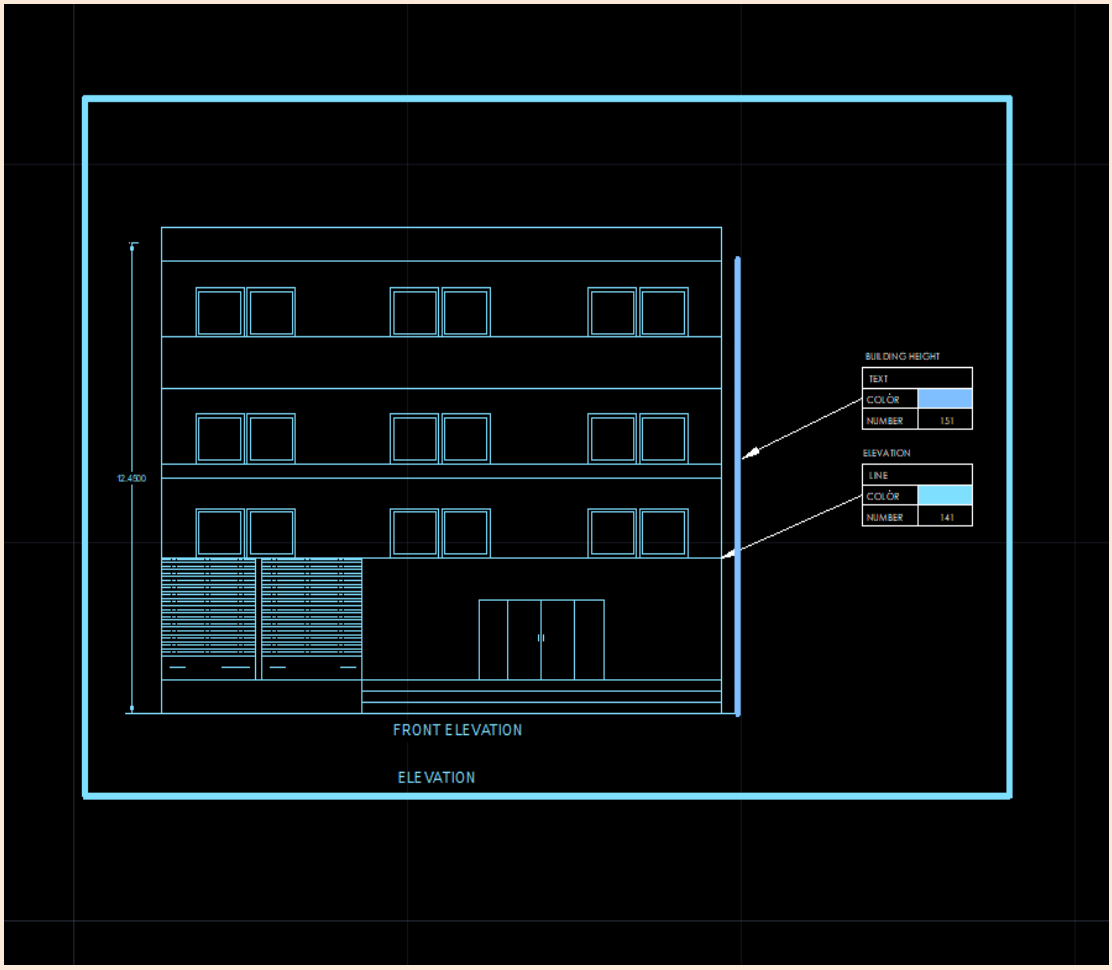
S.No	Description	Layer
80	Vehicular Ramp shall be drawn as Polyline in Color No. 107 and text shall be placed in the same Color. Ramp Centre Line shall be drawn as Open Polyline in Color No. 180. Note: If ramp is provided in two levels, then each ramp need to be mentioned as Ramp - Level 1 and Ramp - Level 2. If it is one level ramp then it need to be mentioned as Ramp - Level 1.	FLOOR-PODIUM or FLOOR-BF or FLOOR-PARKING



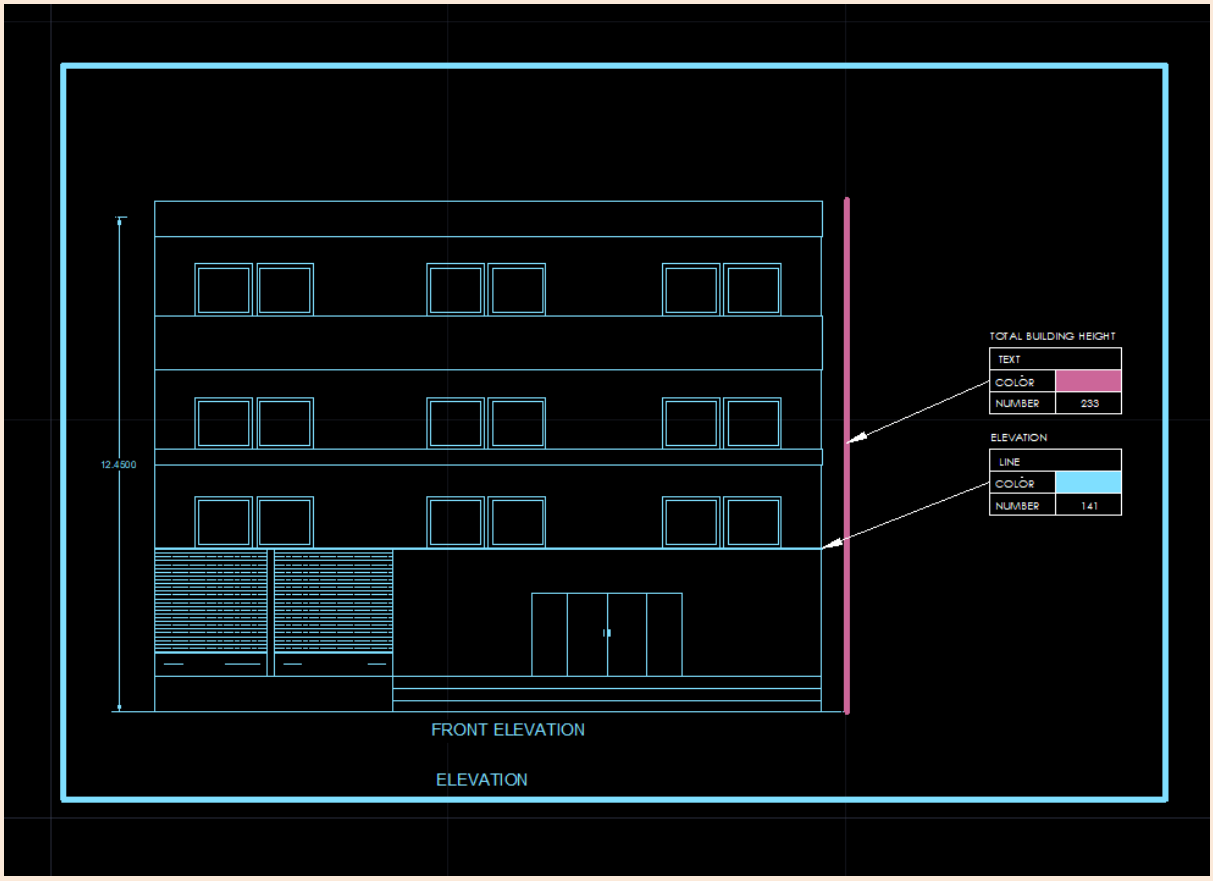
S.No	Description	Layer
81	Ramp for Physically challenged person' s shall be drawn as Polyline in Color No.52 and level, gradient, width, landing text shall be placed in the same color.	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-EX



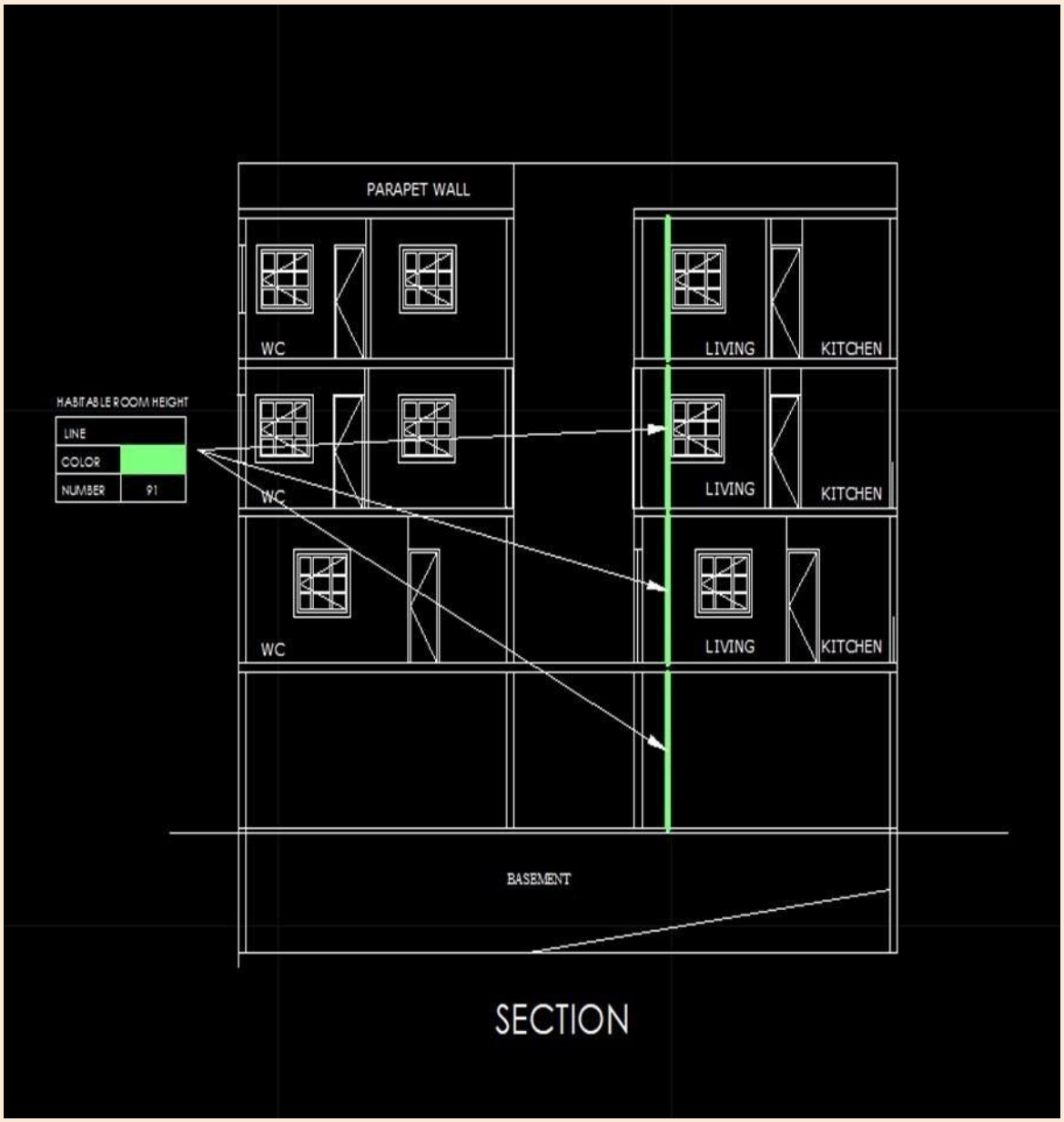
S.No	Description	Layer
82	Height of the building shall be drawn as Line in Color No. 151. NOTE – Elevation and section should be drawn in color 141, '0' layer	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-EX



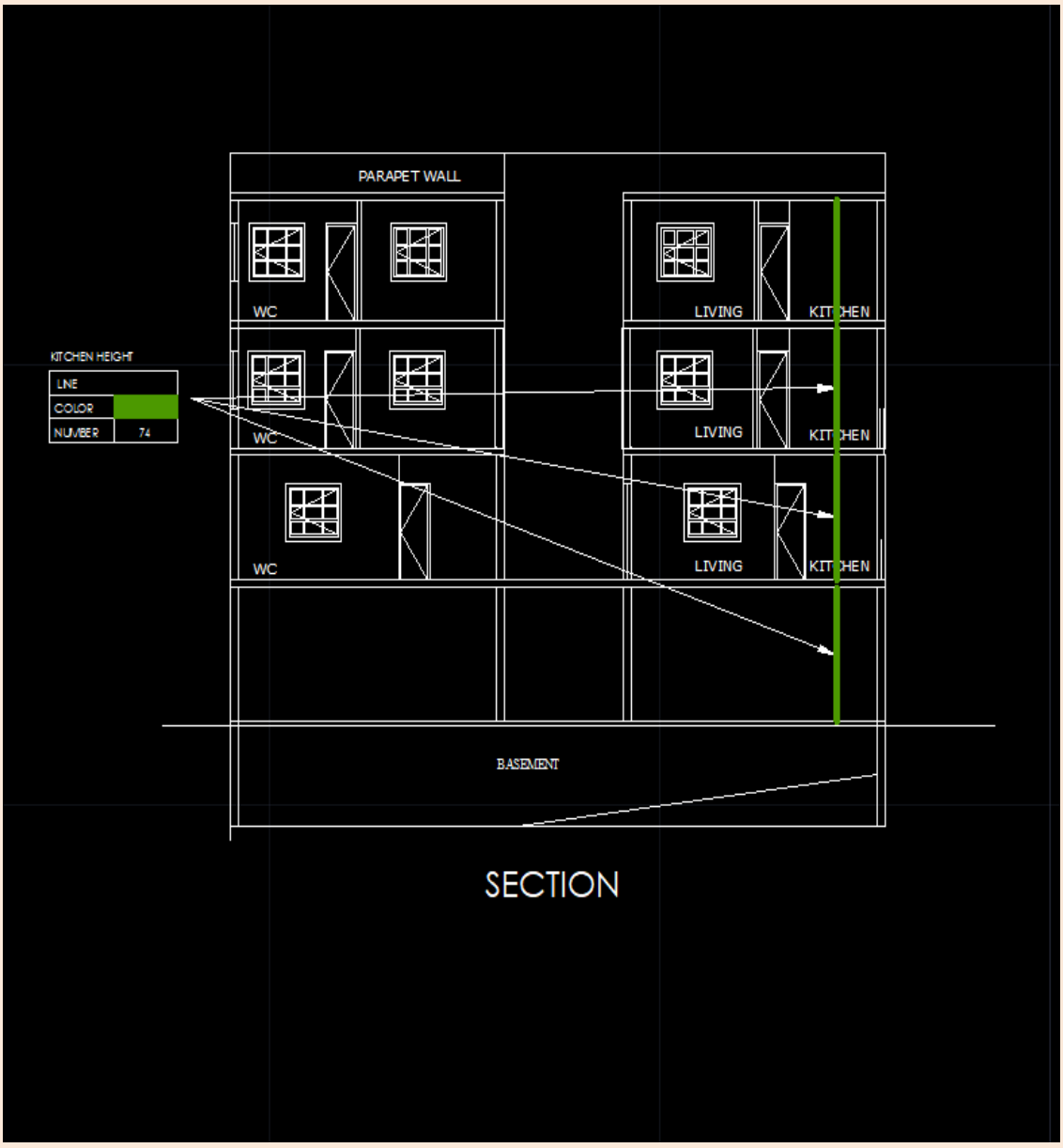
S.No	Description	Layer
83	Total Height of the building shall be drawn as Line in Color No. 233. NOTE – Elevation and section should be drawn in color 141, '0' layer	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-EX



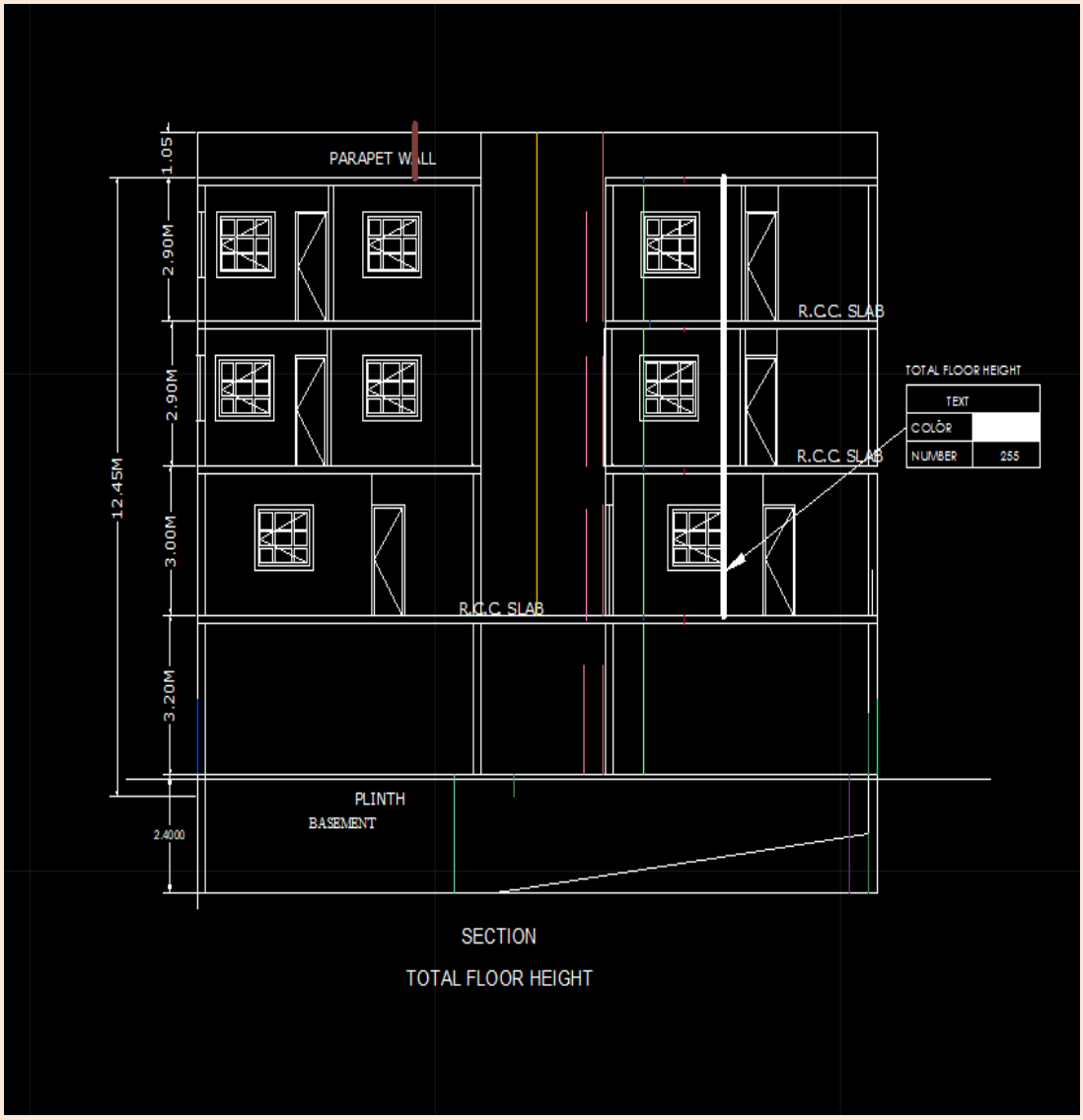
S.No	Description	Layer
84	Minimum Habitable room height shall be drawn as line in Color No. 91. NOTE – Elevation and section should be drawn in color 141, '0' layer	Applicable Floor Layer



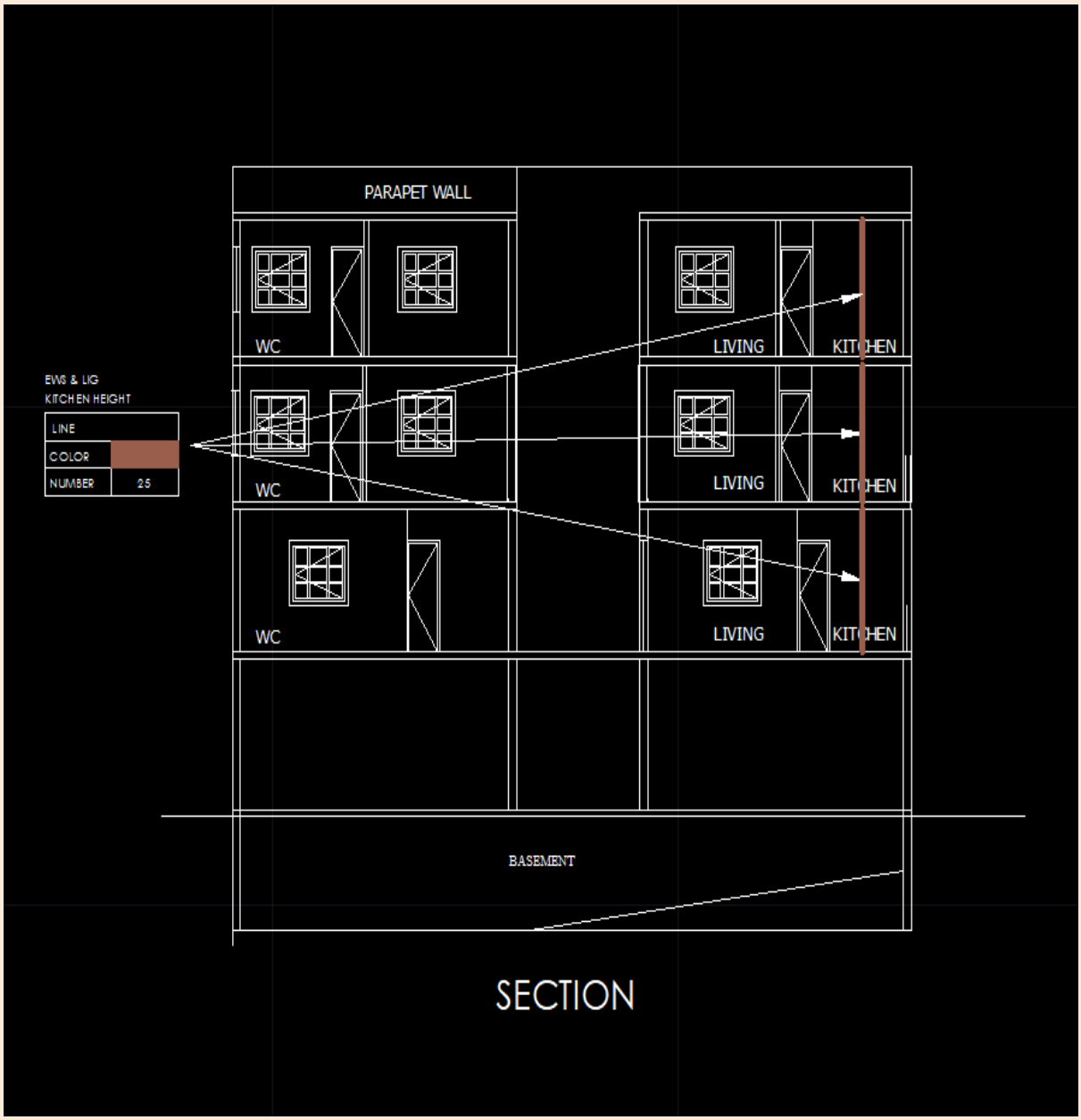
S.No	Description	Layer
85	Kitchen height shall be drawn as line in Color No. 74. NOTE – Elevation and section should be drawn in color 141, '0' layer	Applicable Floor Layer



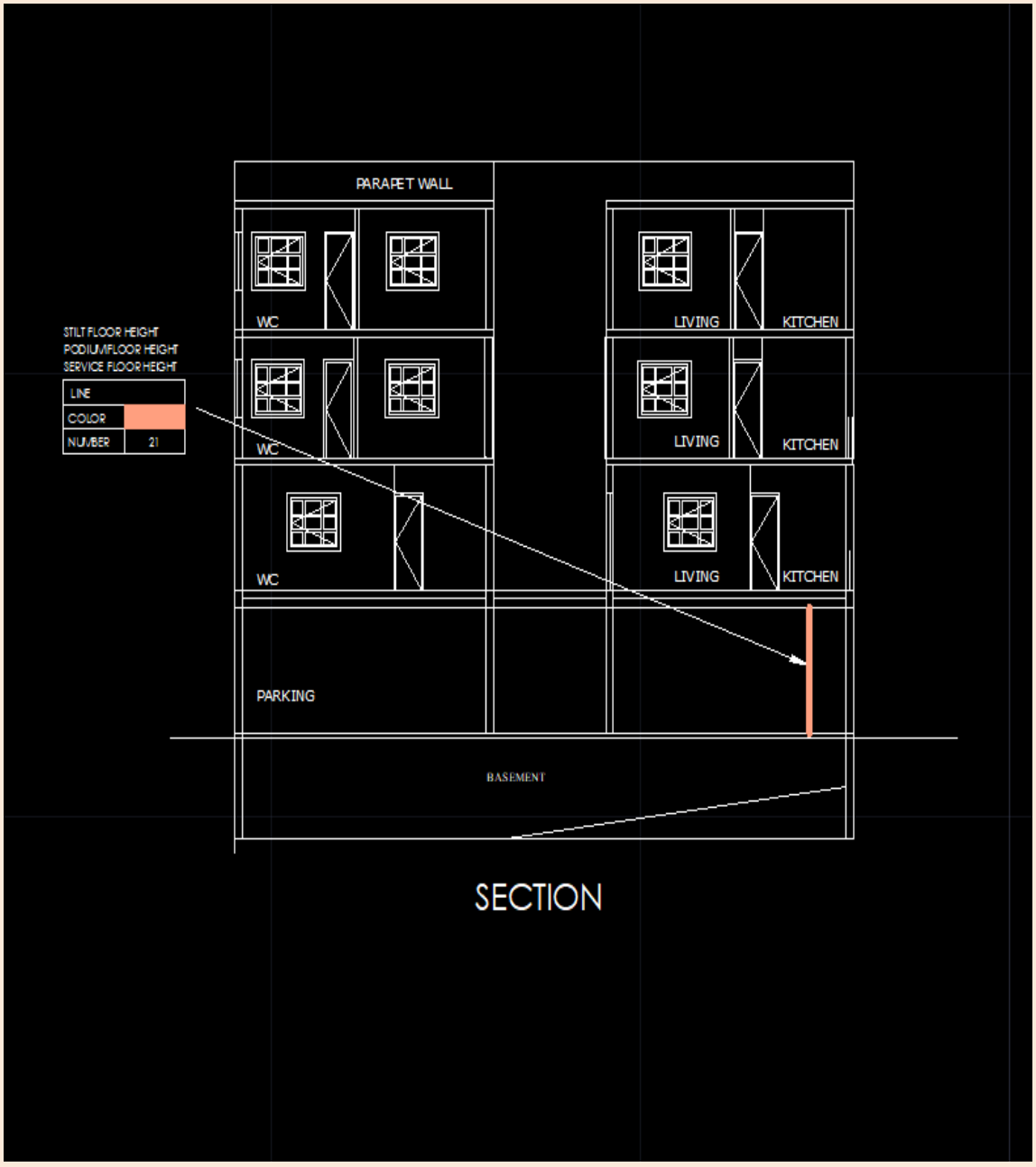
S.No	Description	Layer
86	Total floor height shall be drawn as line in Color No. 255. NOTE – Elevation and section should be drawn in color 141, '0' layer	Applicable Floor Layer



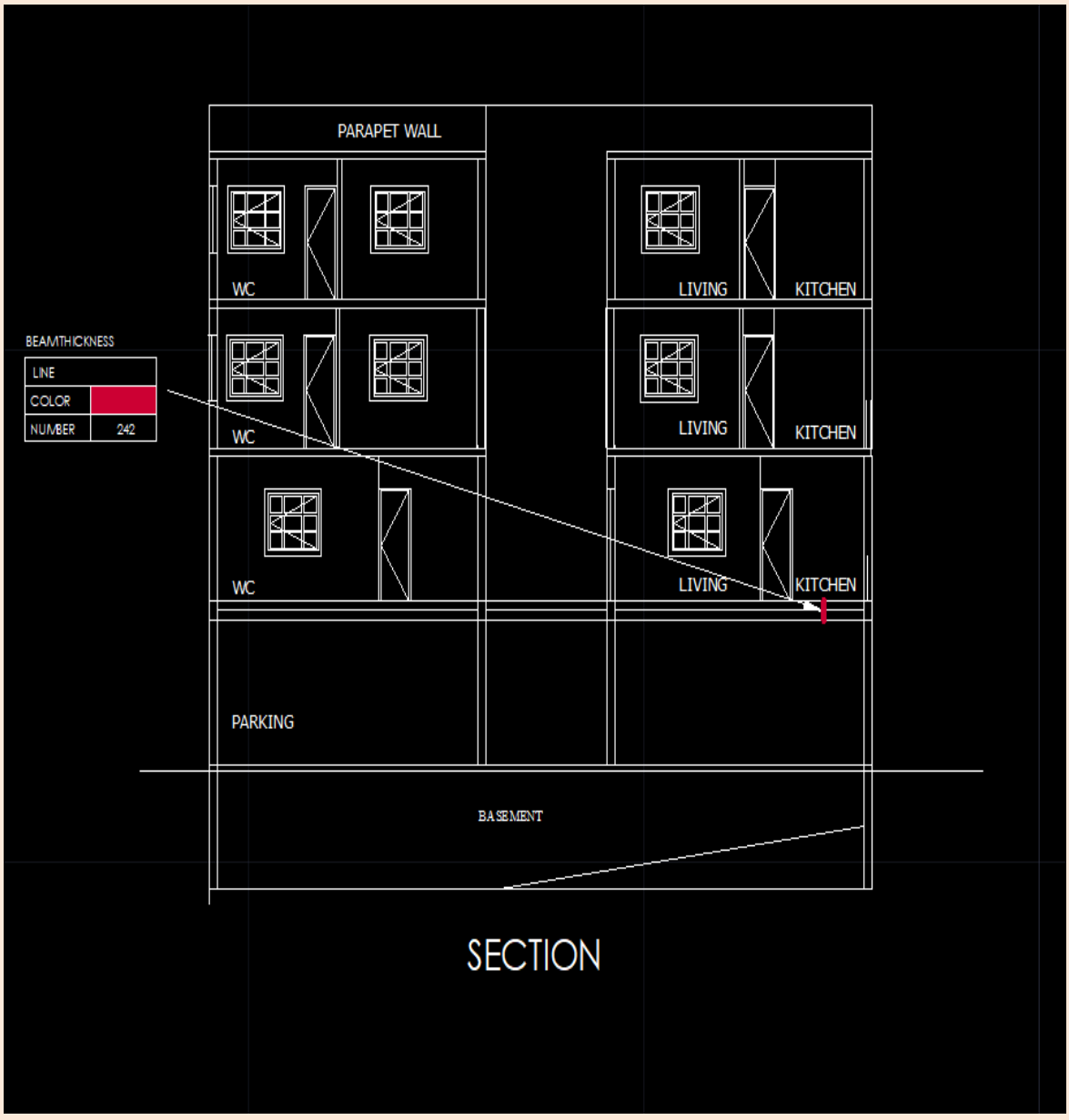
S.No	Description	Layer
87	EWS and LIG kitchen height shall be drawn as line in Color No. 25. NOTE – Elevation and section should be drawn in color 141, '0' layer	Applicable Floor Layer



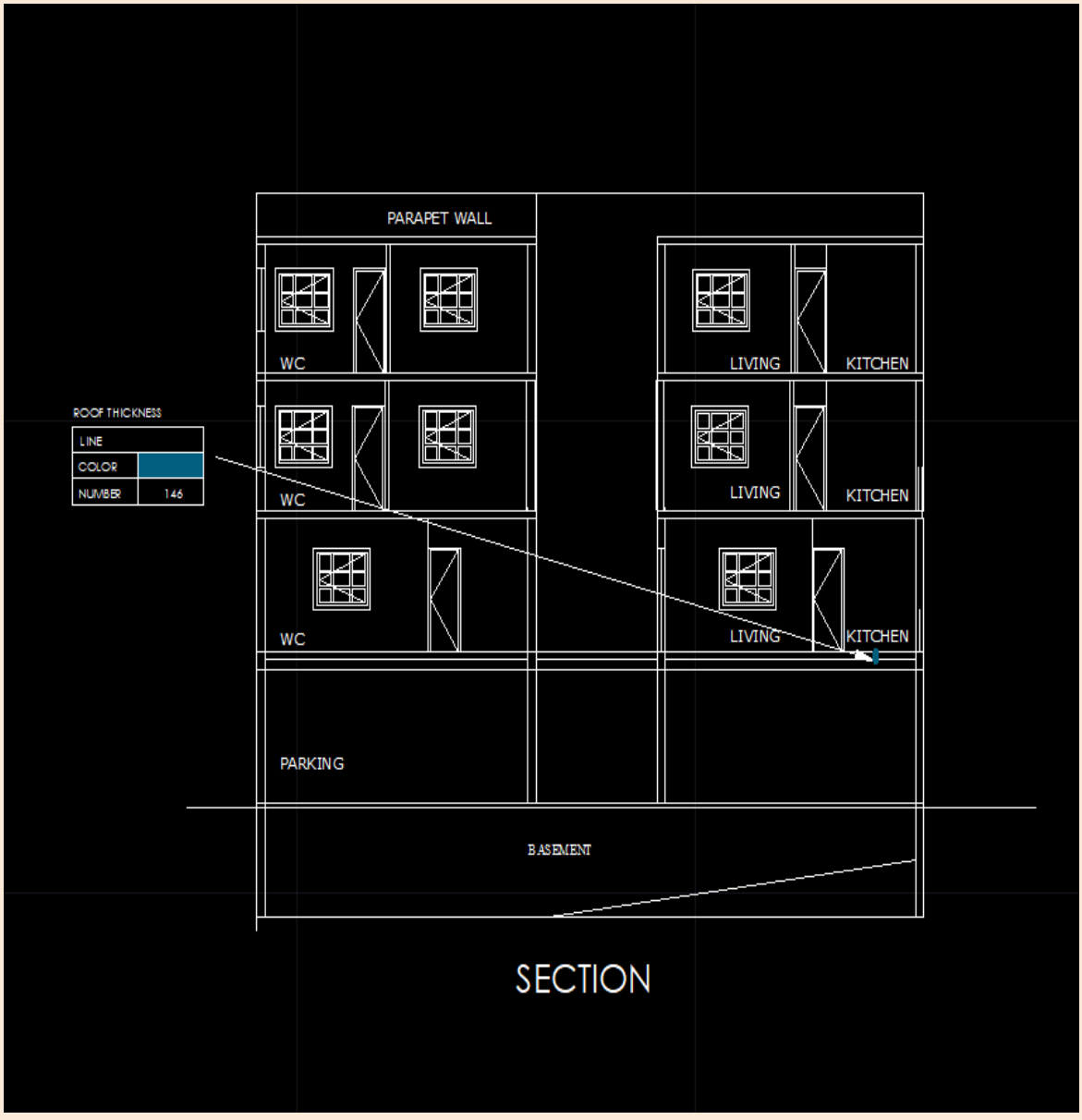
S.No	Description	Layer
88	Stilt Floor height taken from the bottom of the stilt floor to the bottom of the roof beam. It shall be drawn as line in Color No. 21. Note: Height should be shown for Stilt floor height or podium floor height or service floor height. NOTE – Elevation and section should be drawn in color 141, '0' layer	FLOOR-STILT or FLOOR-PODIUM or FLOOR-SERVICE or FLOOR-STILT-EX or FLOOR-PODIUM-EX or FLOOR-SERVICE-EX



S.No	Description	Layer
89	Beam Thickness Shall be drawn as line in Color No. 242. NOTE – Elevation and section should be drawn in color 141, '0' layer	Applicable floor Layer

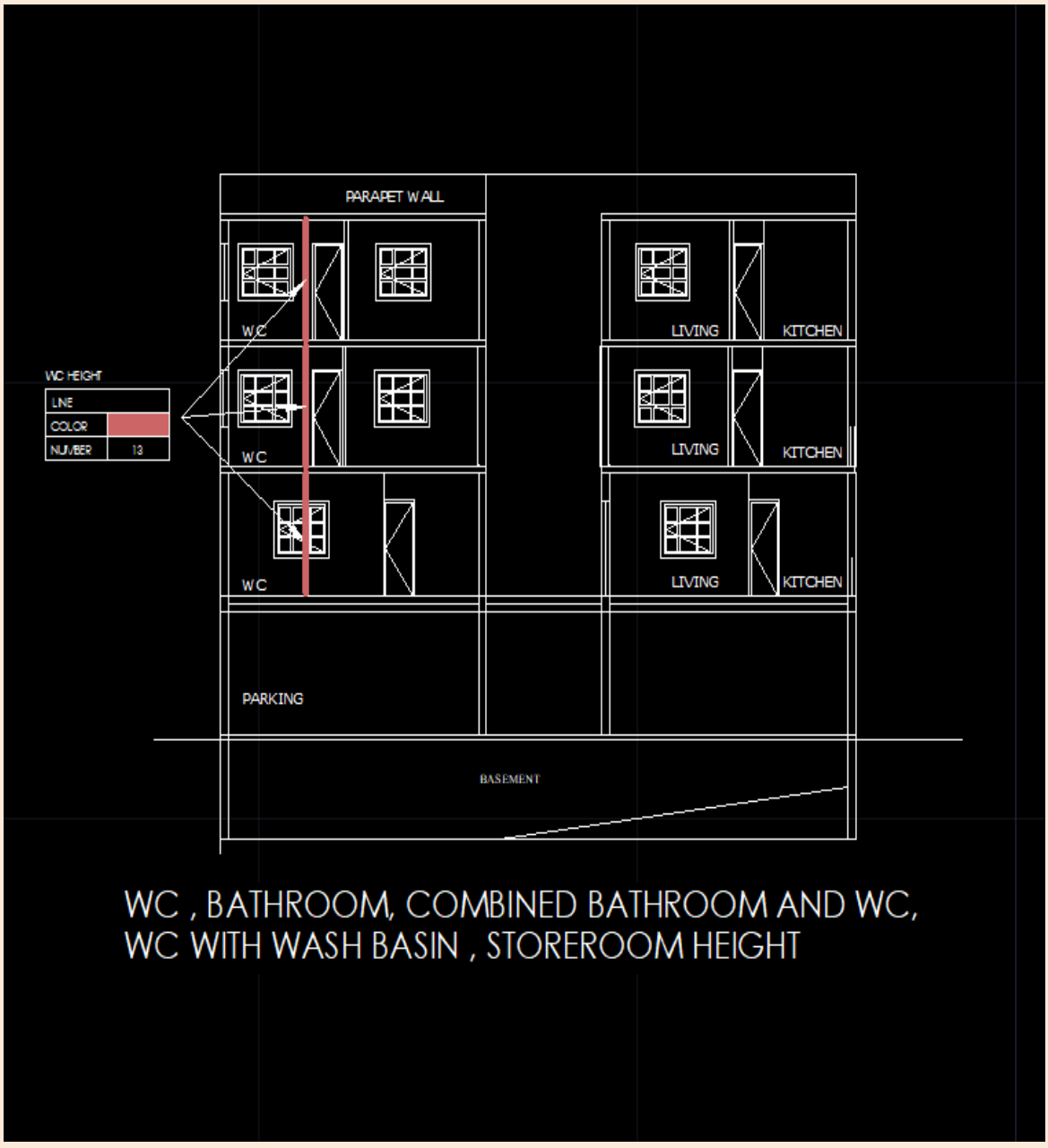


S.No	Description	Layer
90	Roof or Slab Thickness It shall be drawn as line in Color No. 146. NOTE – Elevation and section should be drawn in color 141, '0' layer	Applicable Floor Layer

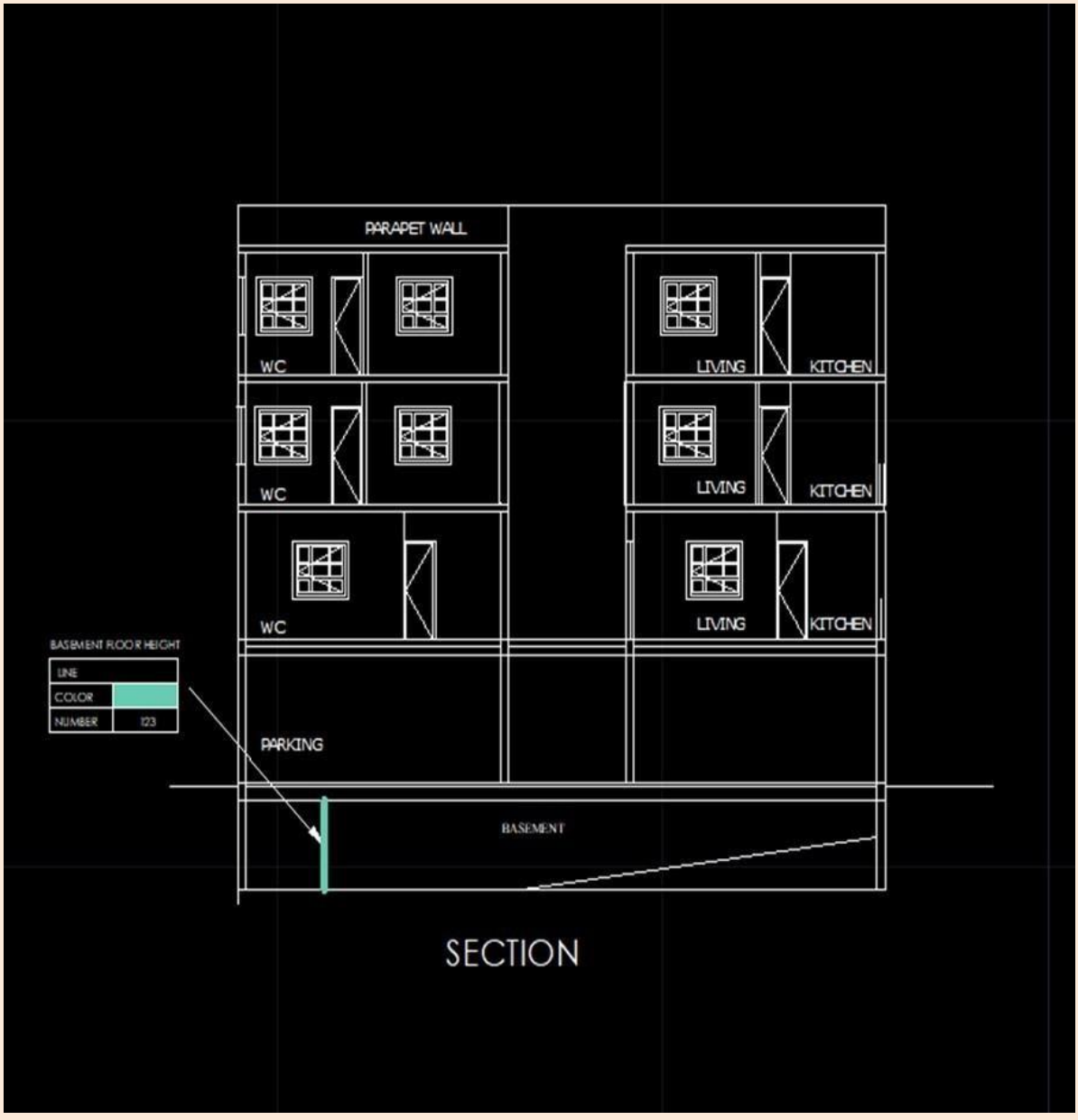


S.No	Description	Layer
91	WC height, Bathroom height and Combined Bathroom and WC height, WC with wash basin height and Store room height shall be drawn as line in Color No. 13.	Applicable Floor Layer

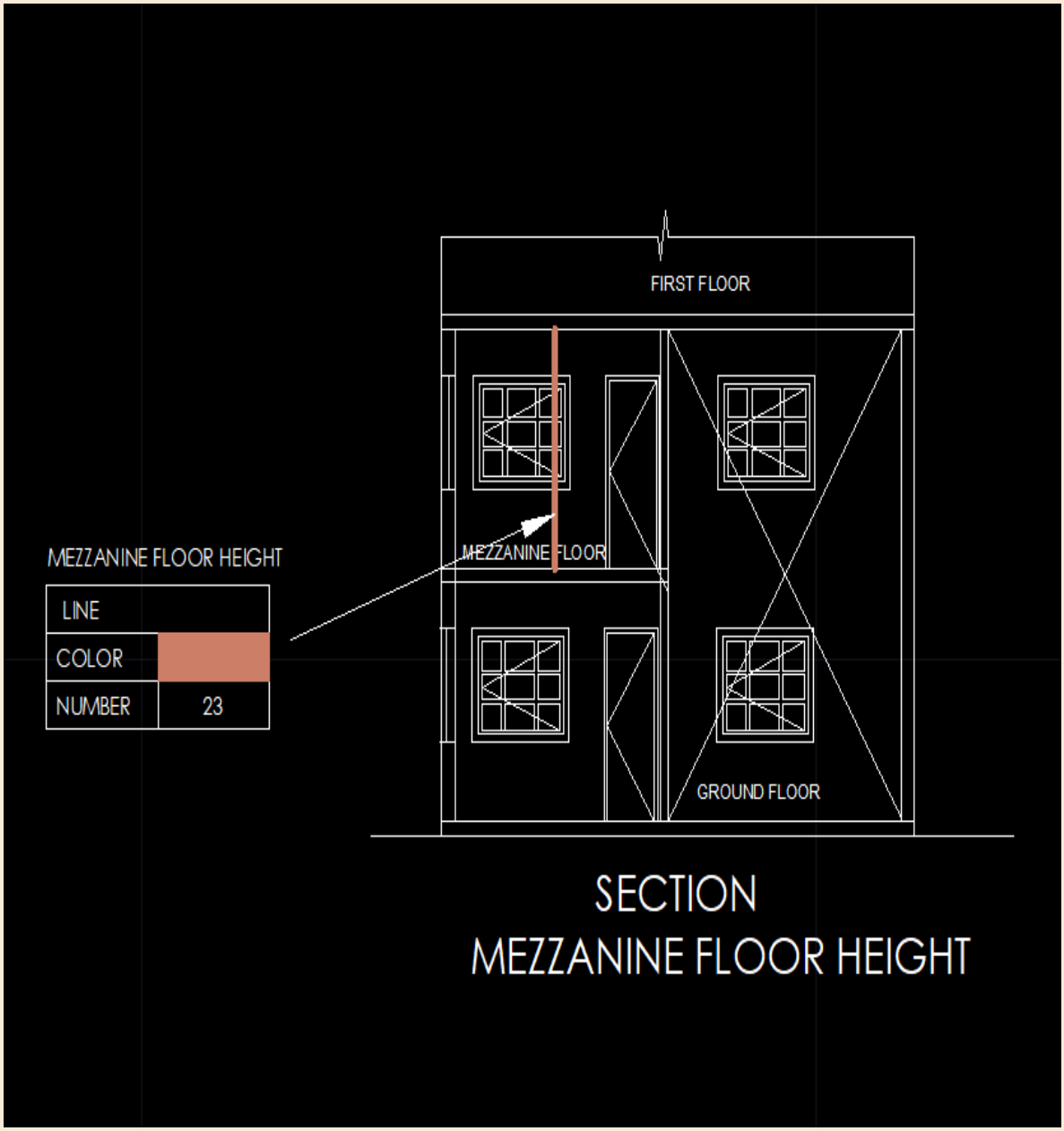
NOTE – Elevation and section should be drawn in color 141, '0' layer



S.No	Description	Layer
92	Basement Floor height shall be drawn as line in Color No. 123. NOTE – Elevation and section should be drawn in color 141, '0' layer	FLOOR-BF1 or FLOOR-BF2 or FLOOR-BF3 or FLOOR-BF1-EX or FLOOR-BF2-EX or FLOOR-BF3-EX



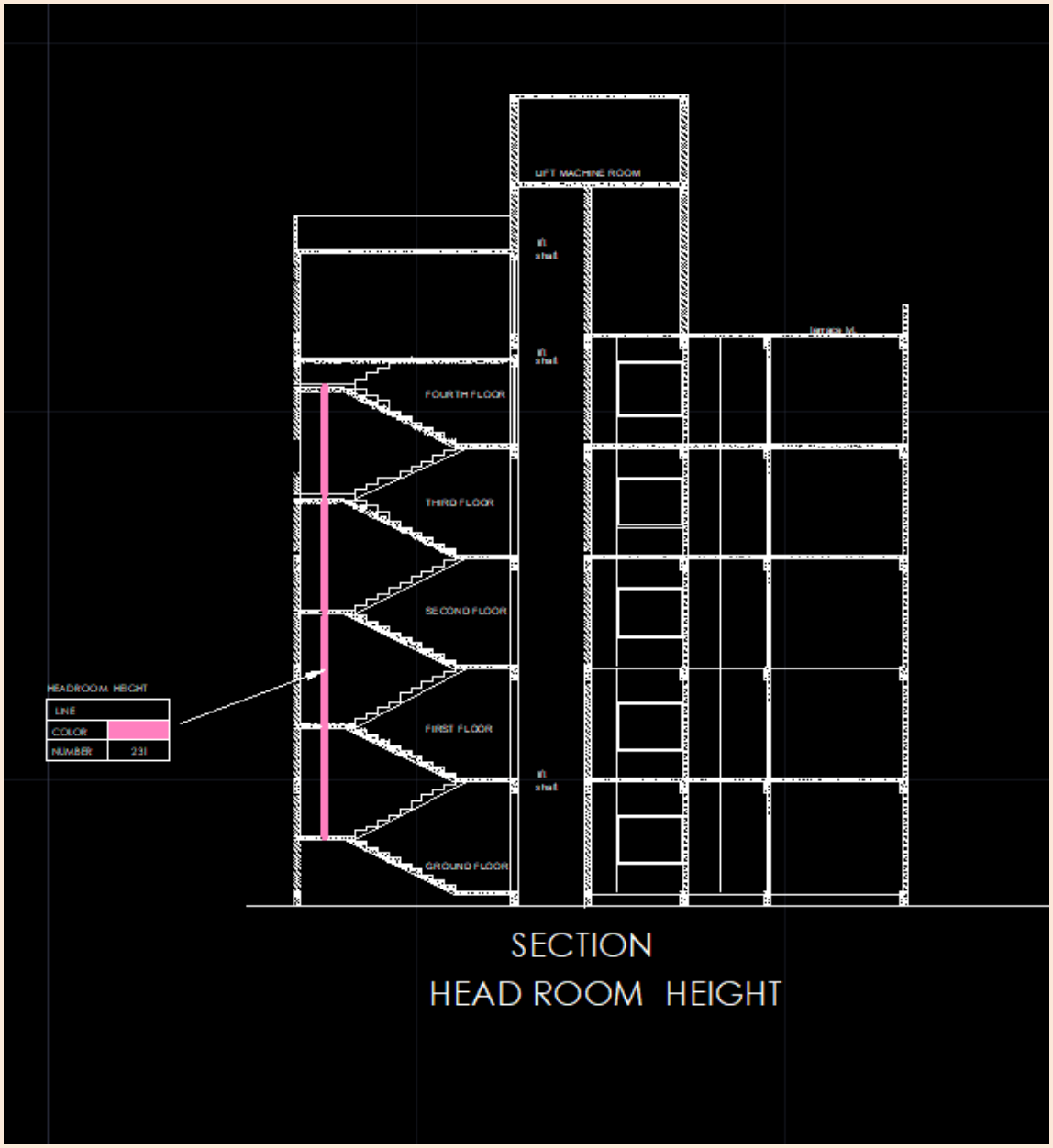
S.No	Description	Layer
93	Mezzanine floor height shall be drawn as line in Color No. 23. NOTE – Elevation and section should be drawn in color 141, '0' layer	In the same layer as that of the Mezzanine floor



S.No	Description	Layer

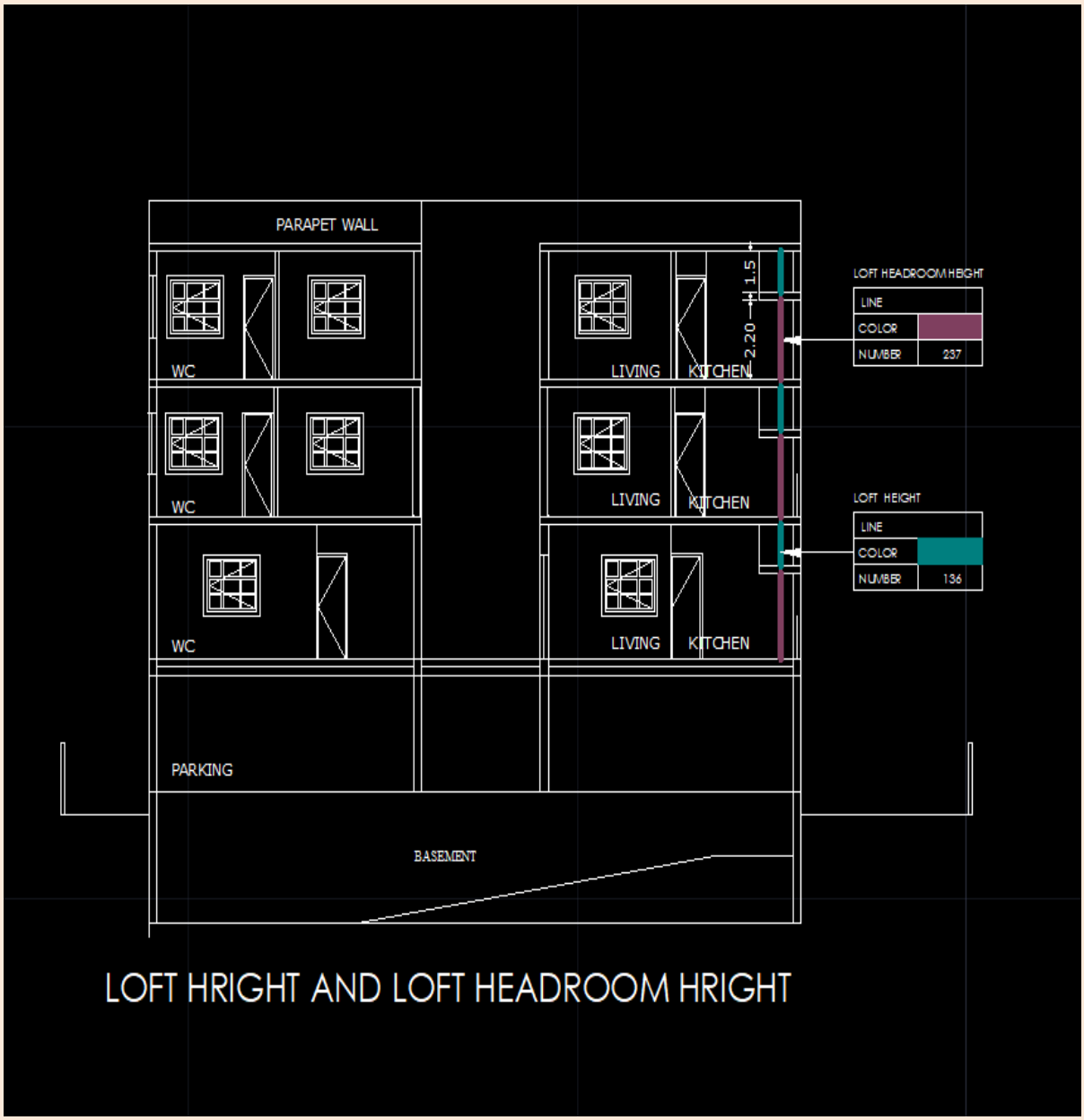
94 Headroom Height Shall be drawn as line in Color No. 231. Applicable Floor Layer

NOTE – Elevation and section should be drawn in color 141, '0' layer



S.No	Description	Layer
94	Loft Height Shall be drawn as line in Color No. 136. Loft Head Room Height shall be drawn as line in Color No. 237.	Applicable Floor Layer

NOTE – Elevation and section should be drawn in color 141, '0' layer



S.No	Description	Layer
95	Ledge Height shall be drawn as line in Color No. 201. Loft Head Room Height shall be drawn as line in Color No. 245. NOTE – Elevation and section should be drawn in color 141, '0' layer	Applicable Floor Layer



S.No	Description	Layer
96	Parapet wall height shall be drawn as line in Color No. 17.	FLOOR-TERRACE or FLOOR-TERRACE-EX

NOTE – Elevation and section should be drawn in color 141, '0' layer



S.No	Description	Layer
95	Maximum height of the objects on terrace floor shall be drawn as line in Color No. 252.	FLOOR-TERRACE or FLOOR-TERRACE-EX

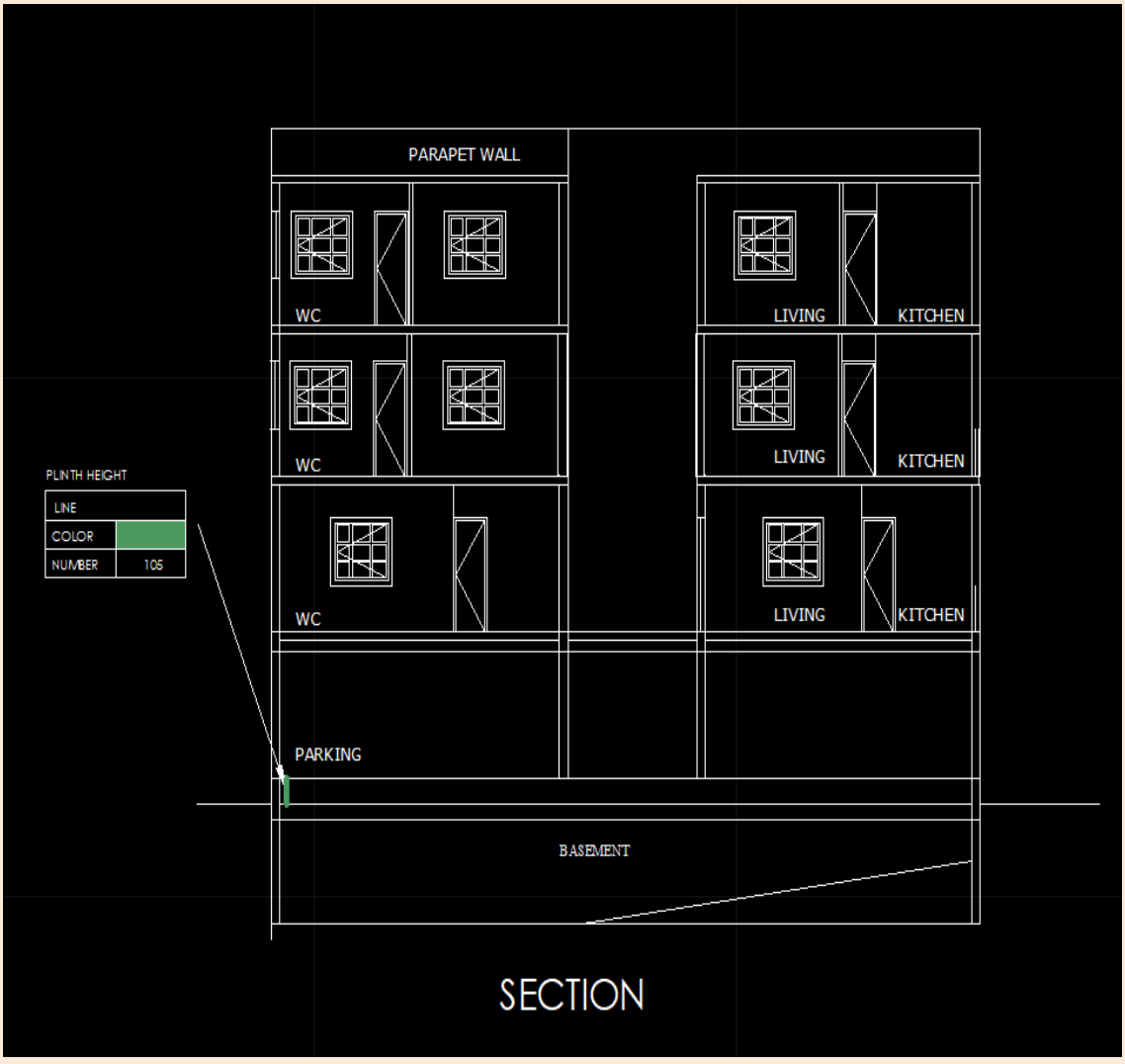
NOTE – Elevation and section should be drawn in color 141, '0' layer



SECTION

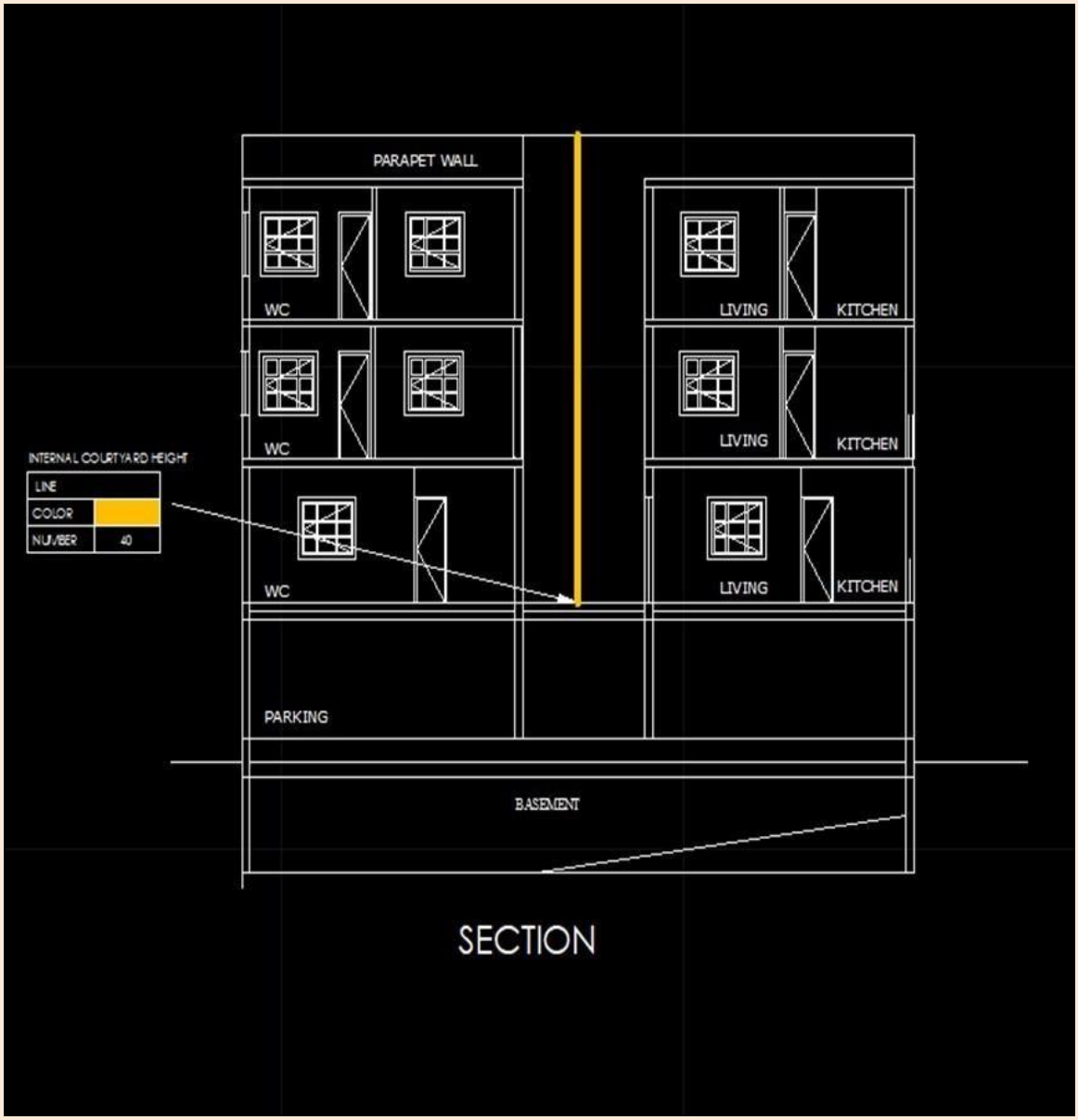
MAXIMUM HEIGHT OF OBJECTS ON TERRACE FLOOR

S.No	Description	Layer
97	Plinth height shall be drawn as line in Color No. 105. NOTE – Elevation and section should be drawn in color 141, '0' layer	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-EX



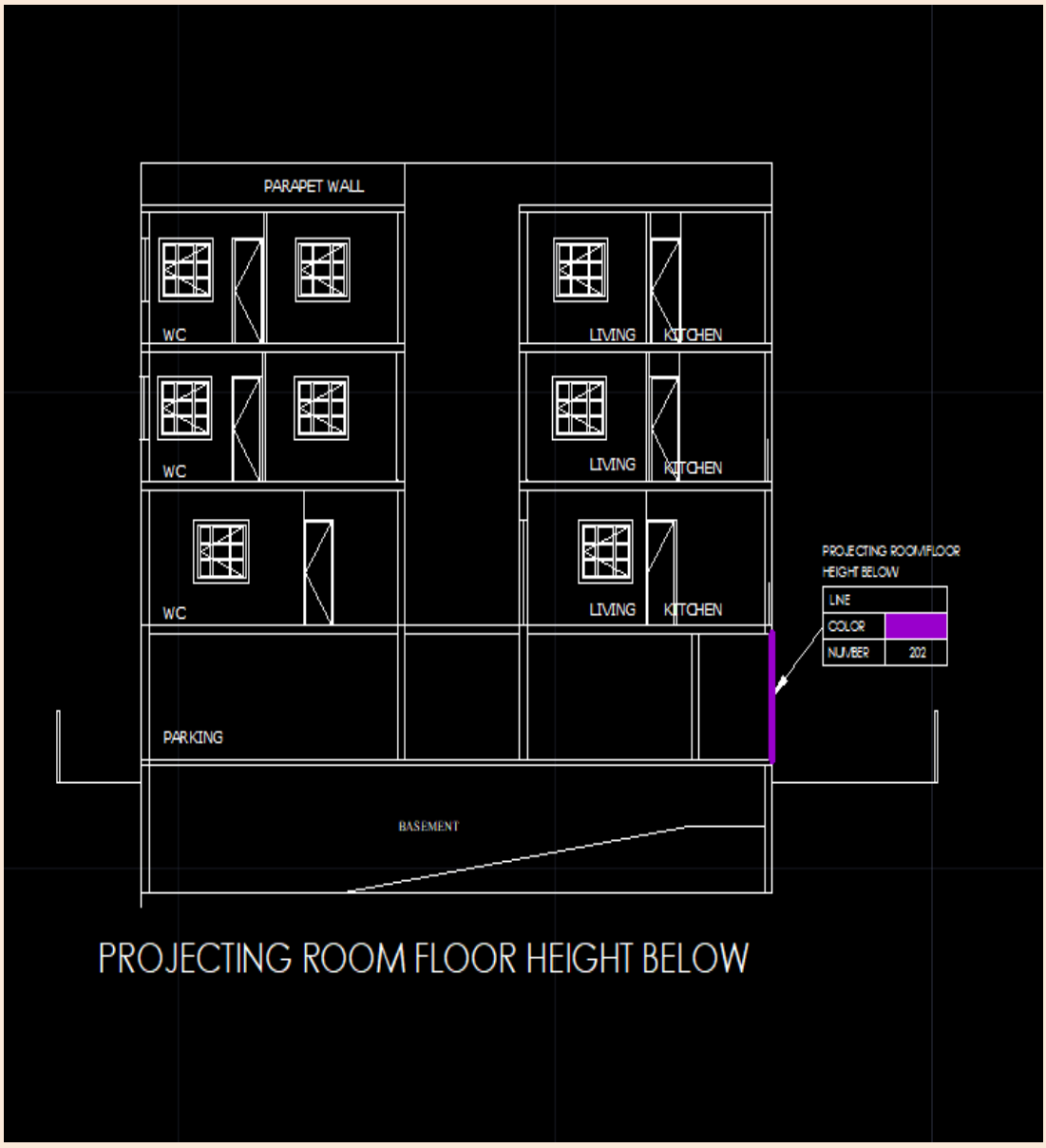
S.No	Description	Layer
98	Inner courtyard height shall be drawn as line in Color No. 40.	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-EX

NOTE – Elevation and section should be drawn in color 141, '0' layer



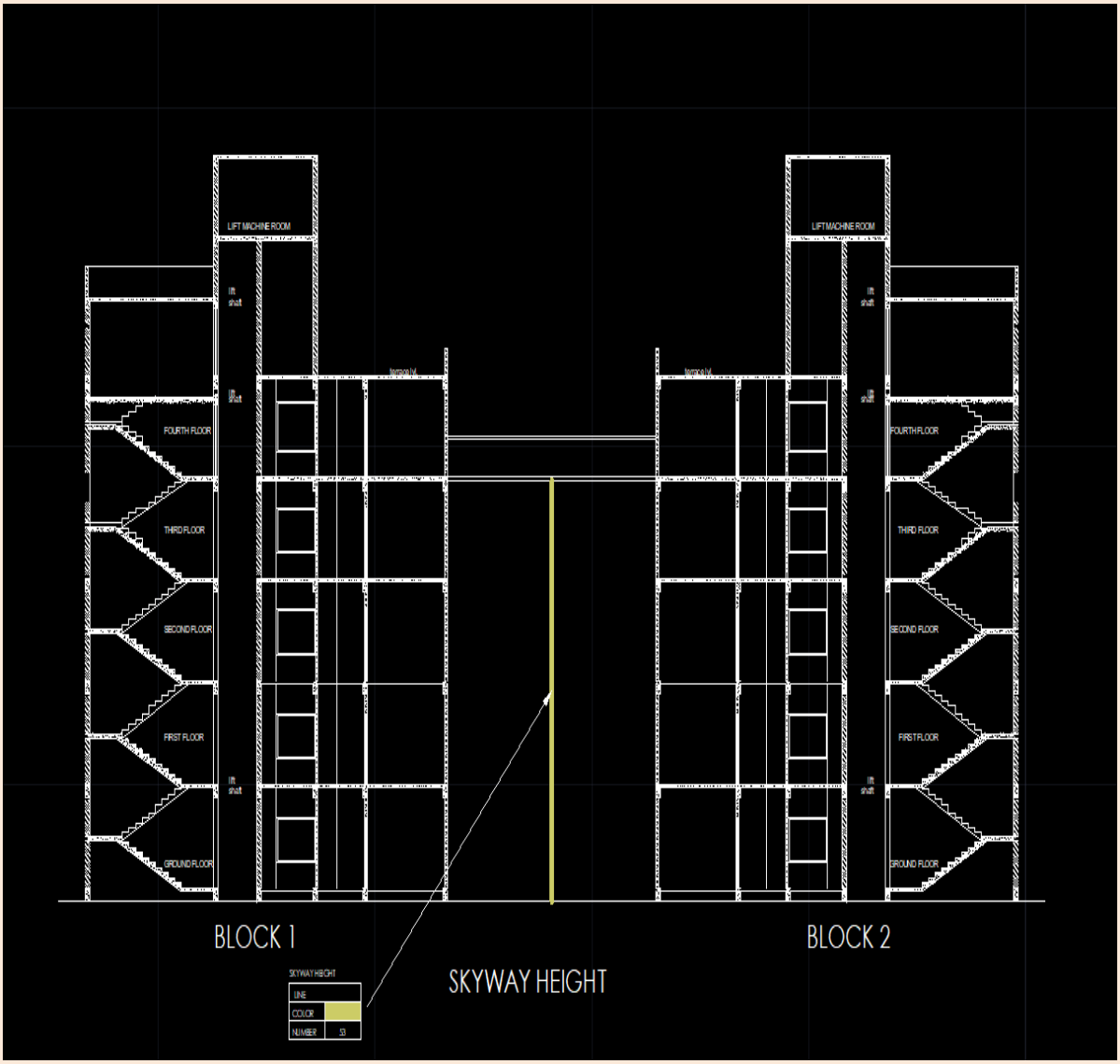
S.No	Description	Layer
99	Projecting Room Floor height below shall be drawn as line in Color No. 202.	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-EX

NOTE – Elevation and section should be drawn in color 141, '0' layer



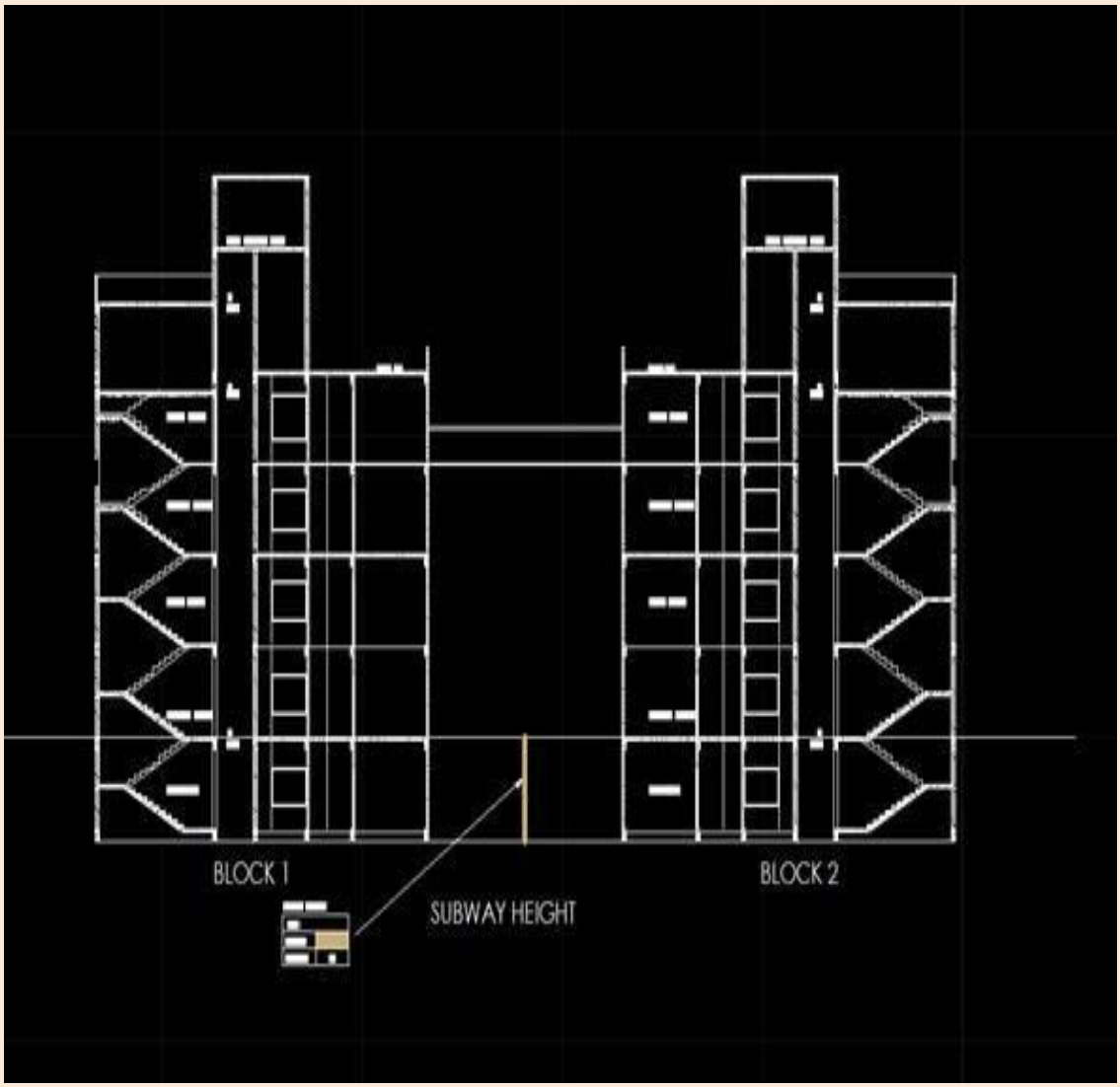
S.No	Description	Layer
100	Skyway height shall be drawn as line in Color No. 53.	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-EX

NOTE – Elevation and section should be drawn in color 141, '0' layer

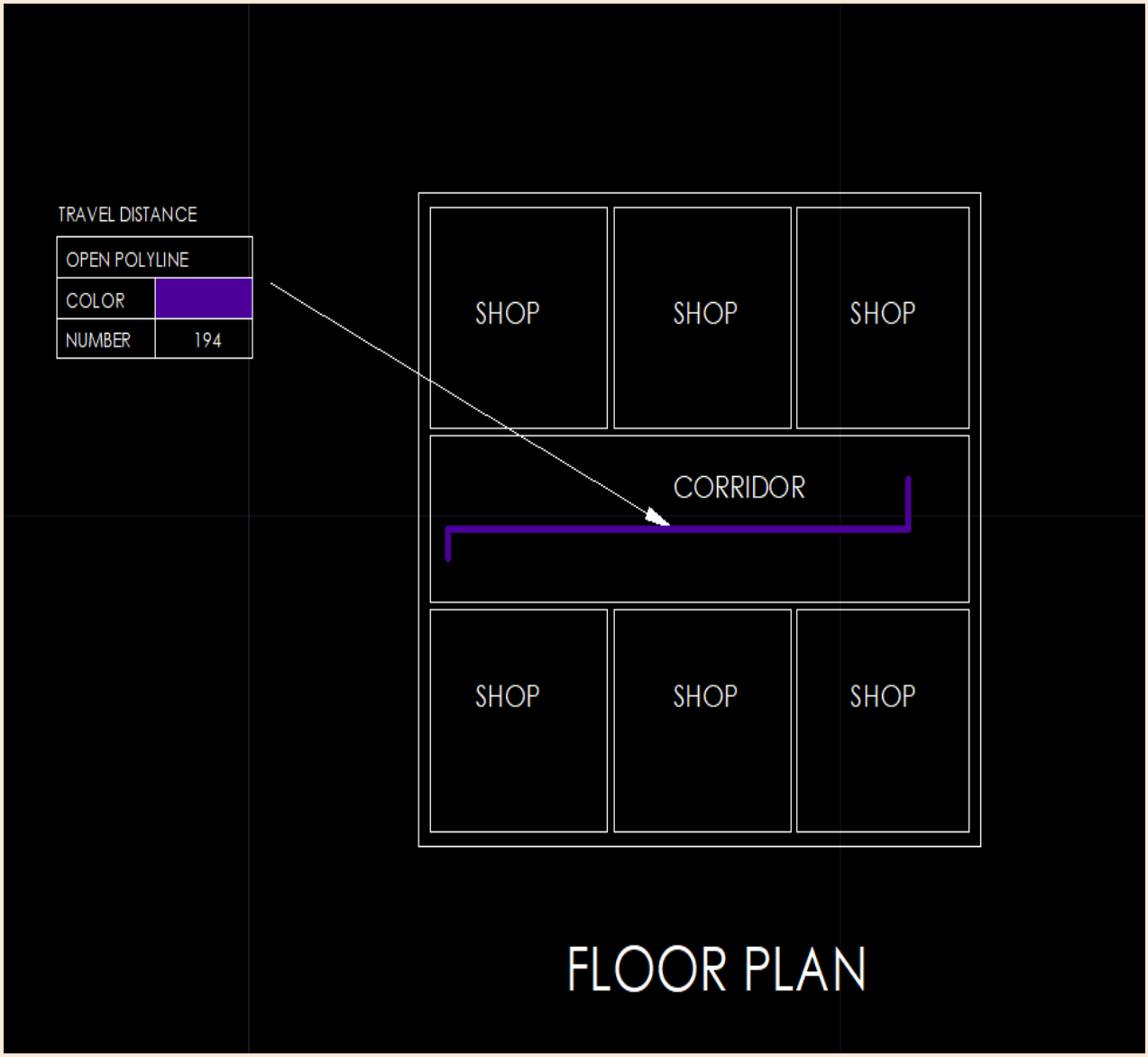


S.No	Description	Layer
101	Subway Height Shall be drawn as line in Color No. 43.	FLOOR-BF1 or FLOOR-BF2 or FLOOR-BF3 or FLOOR-BF1-EX or FLOOR-BF2-EX or FLOOR-BF3-EX

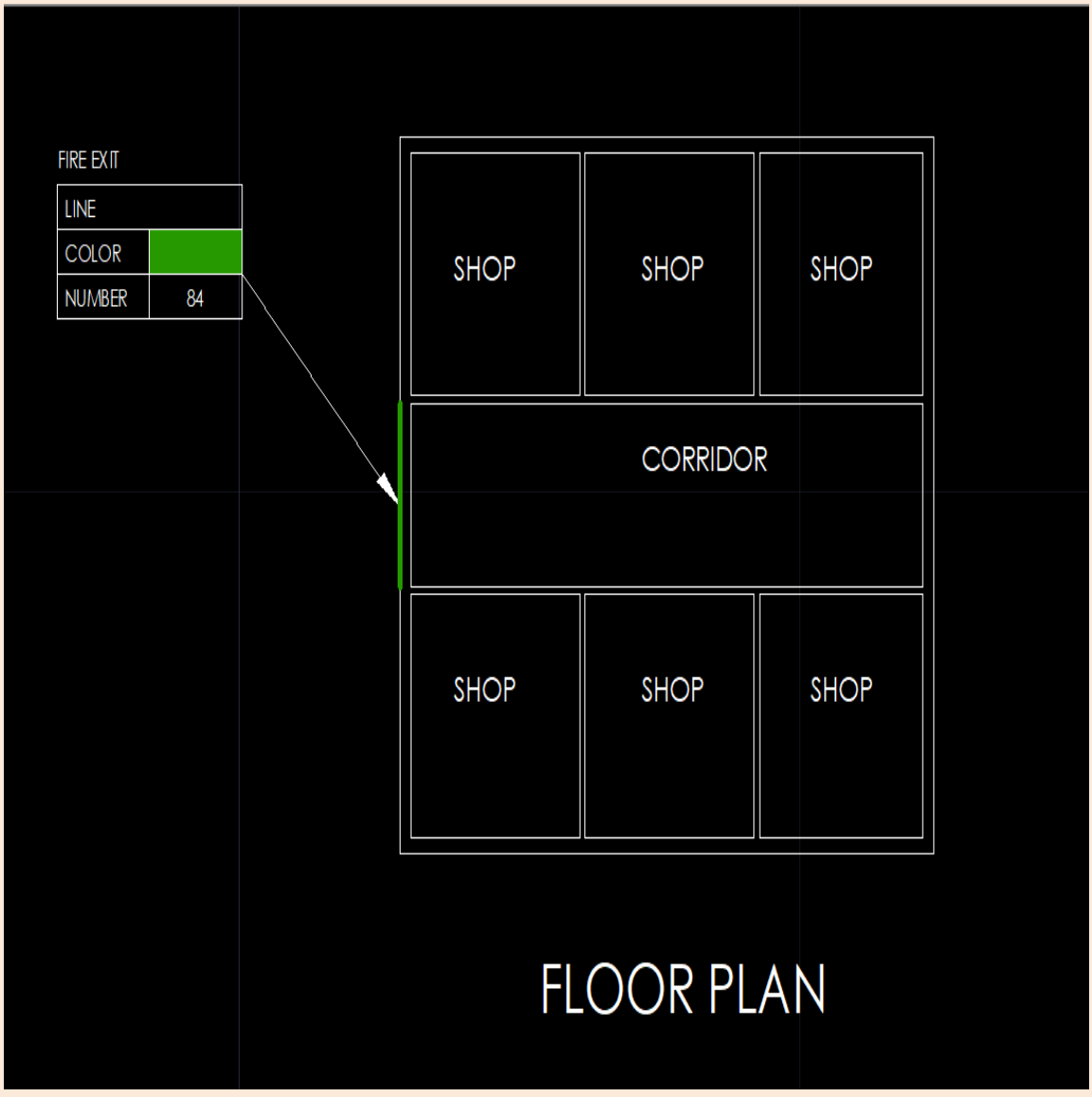
NOTE – Elevation and section should be drawn in color 141, '0' layer



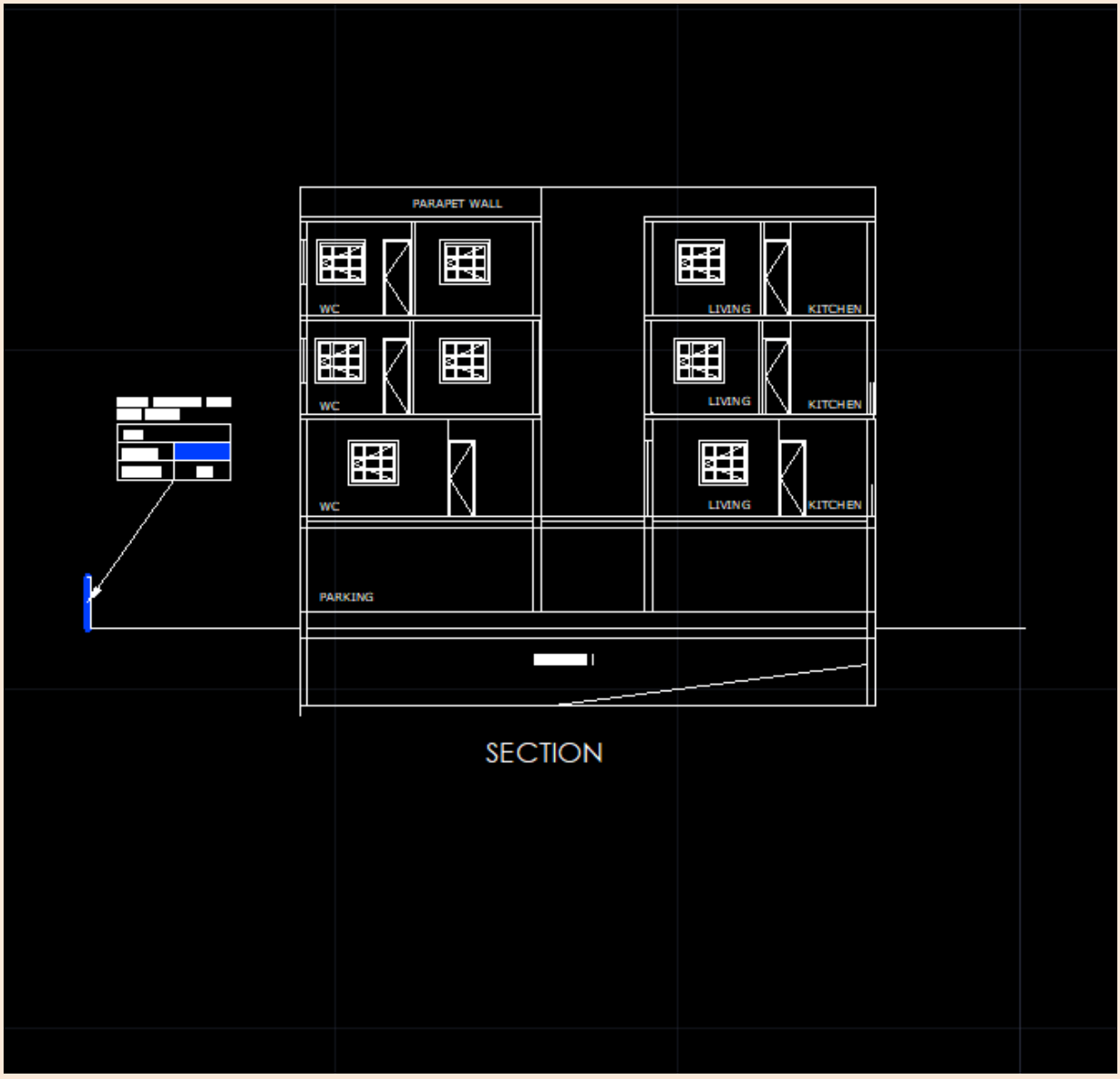
S.No	Description	Layer
102	Travel distance shall be drawn as Open Polyline in Color No. 194.	Applicable Floor Layer



S.No	Description	Layer
103	Fire exit shall be drawn as line in Color No. 84.	Applicable Floor Layer

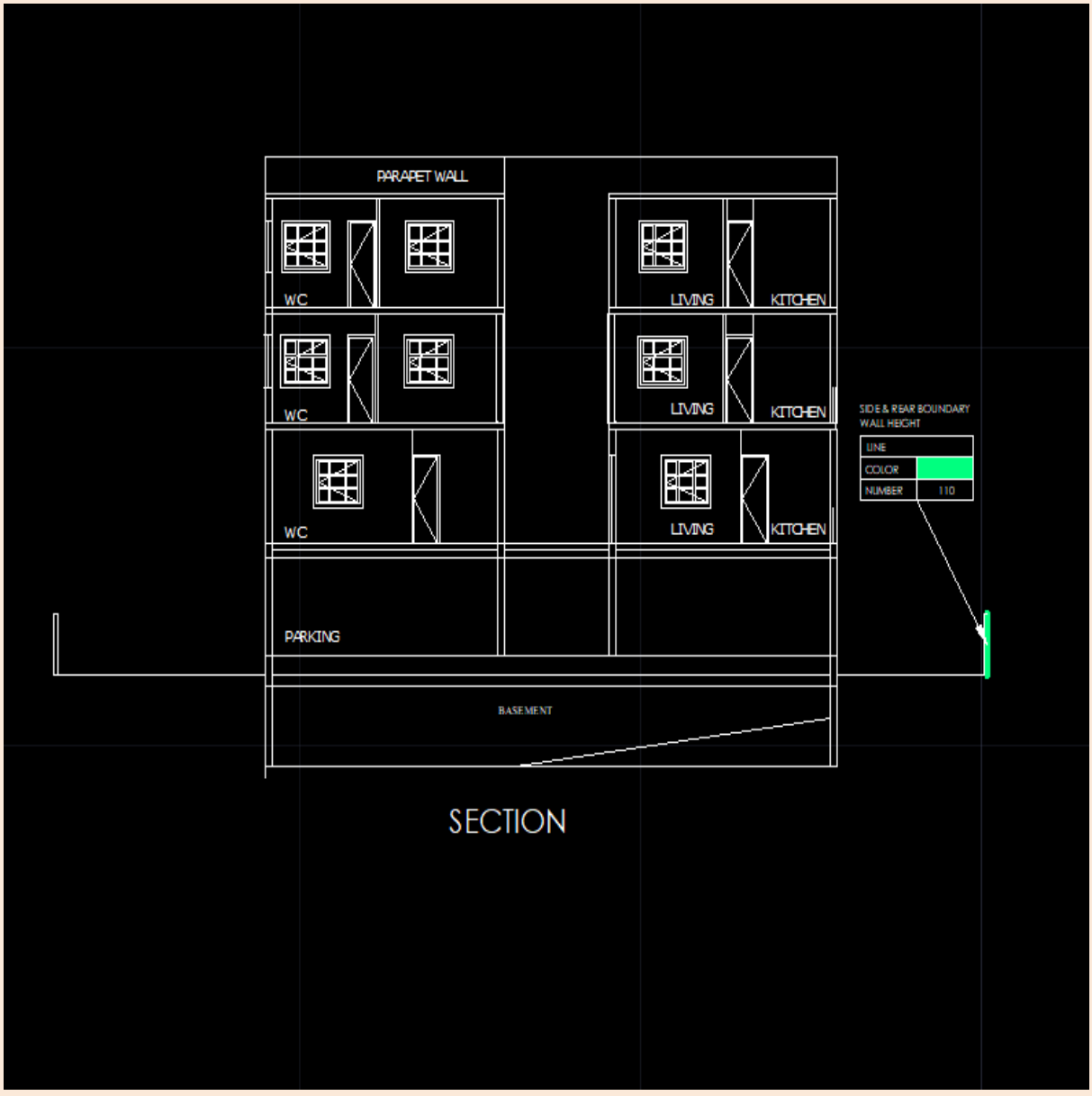


S.No	Description	Layer
104	Front Boundary Wall Height shall be drawn as line in Color No. 160.	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-EX



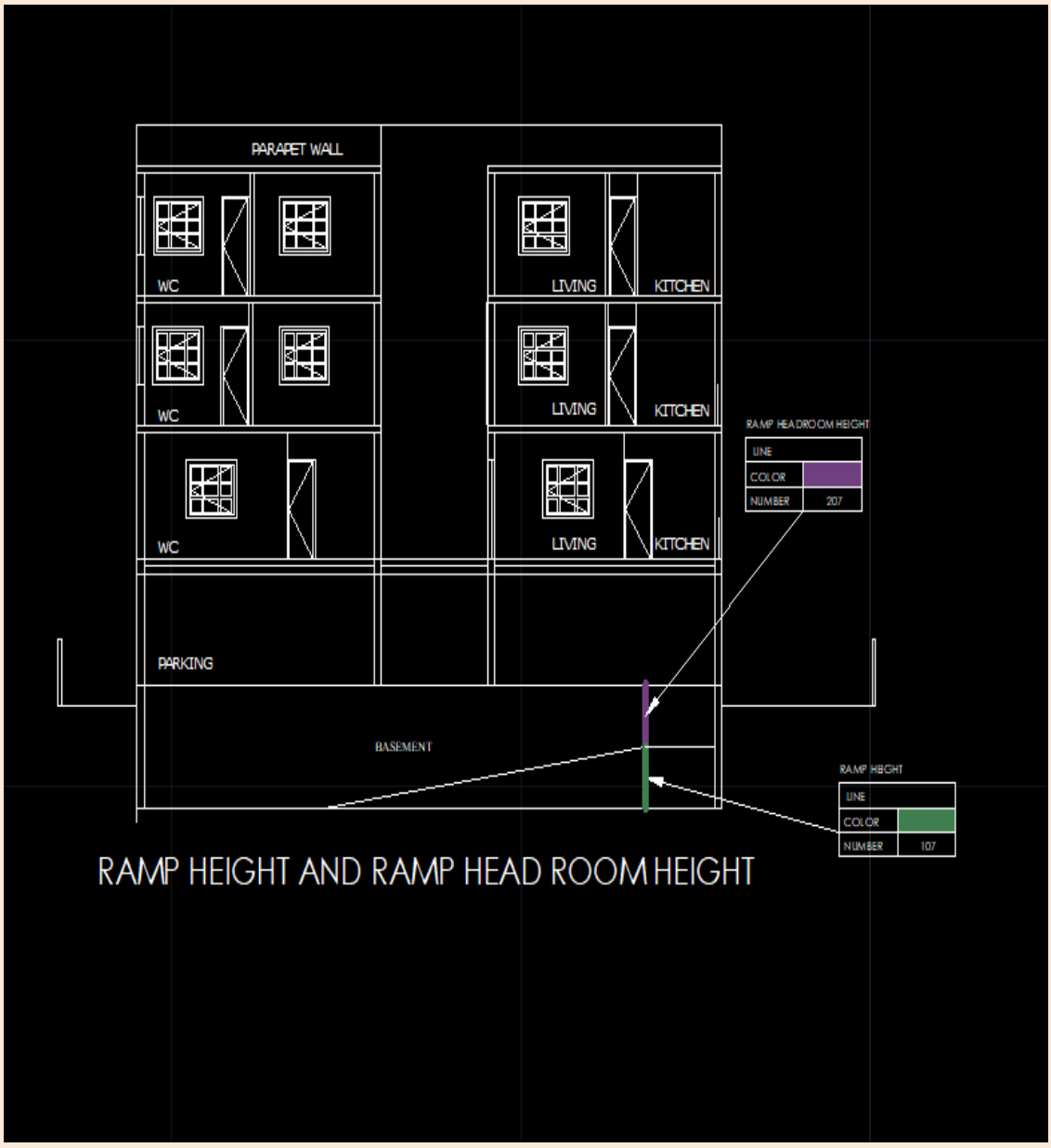
S.No	Description	Layer
105	Side And Rear Boundary Wall Height shall be drawn as line in Color No. 110.	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-EX

NOTE – Elevation and section should be drawn in color 141, '0' layer

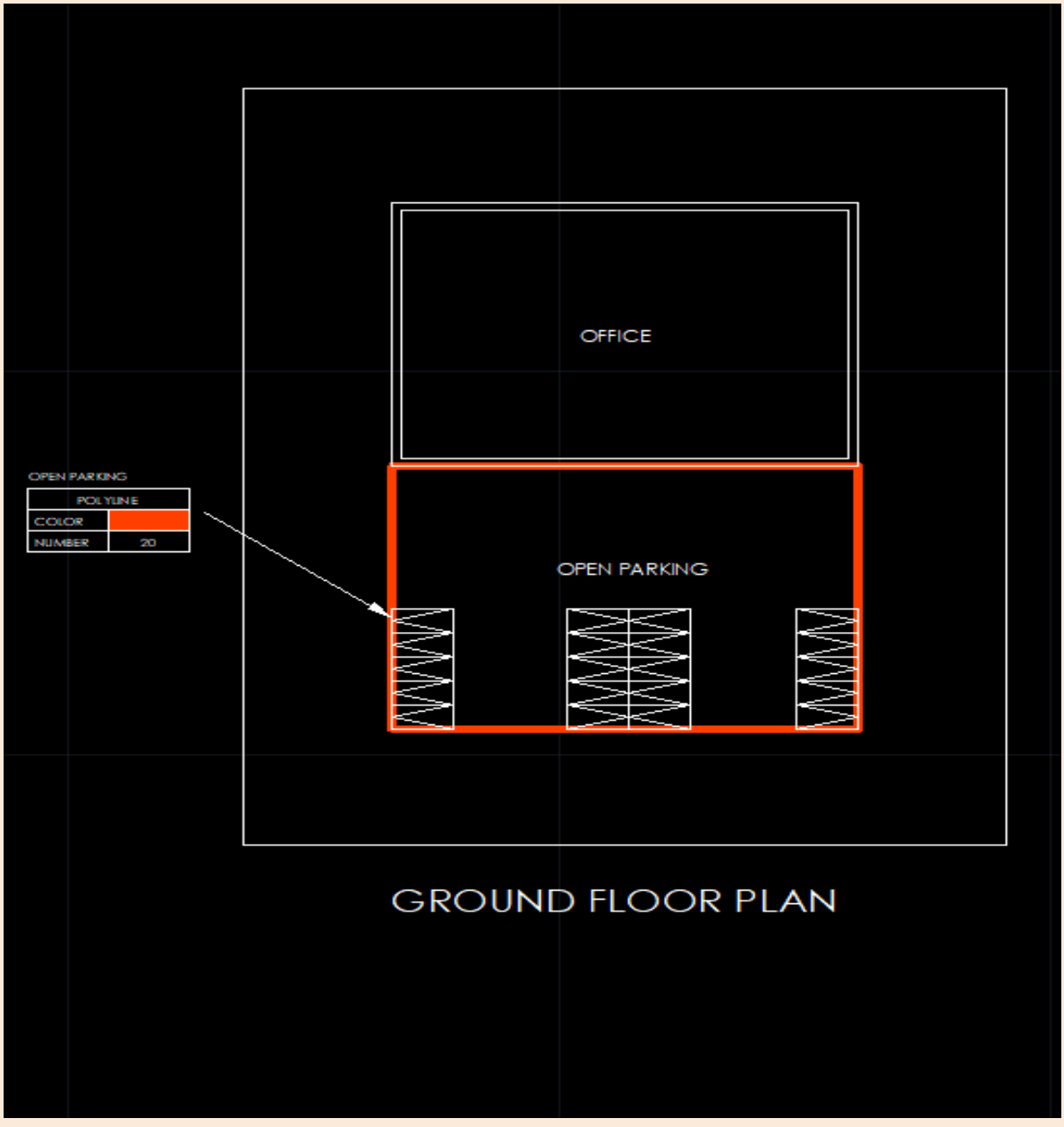


S.No	Description	Layer
106	Ramp Height shall be drawn as line in Color No. 107. Ramp Head Room Height shall be drawn as line in Color No.207.	FLOOR-PODIUM or FLOOR-BF or FLOOR-PARKING

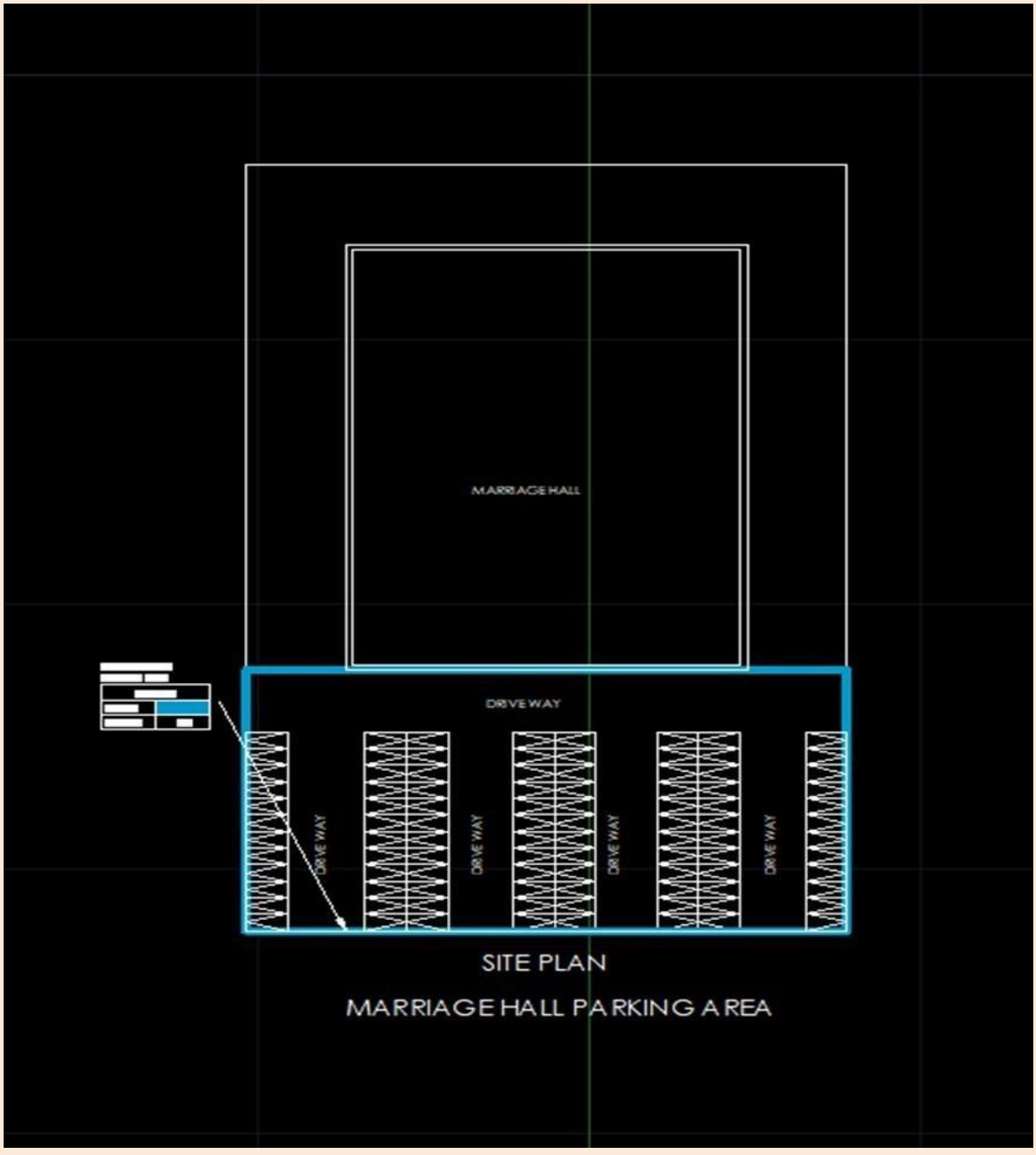
NOTE – Elevation and section should be drawn in color 141, '0' layer



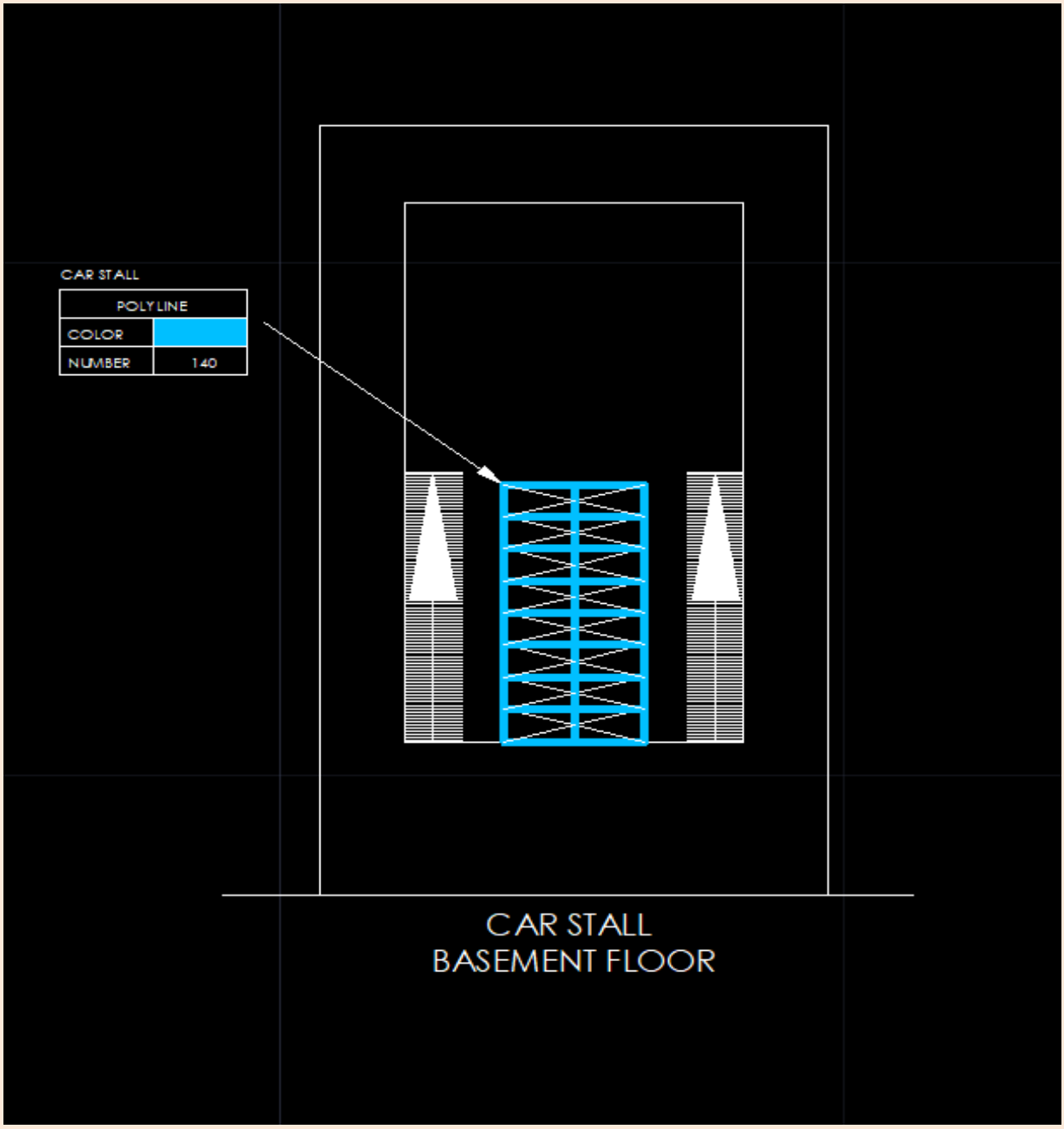
S.No	Description	Layer
107	Open parking Area Shall be Drawn as Polyline in Color No. 20.	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-EX



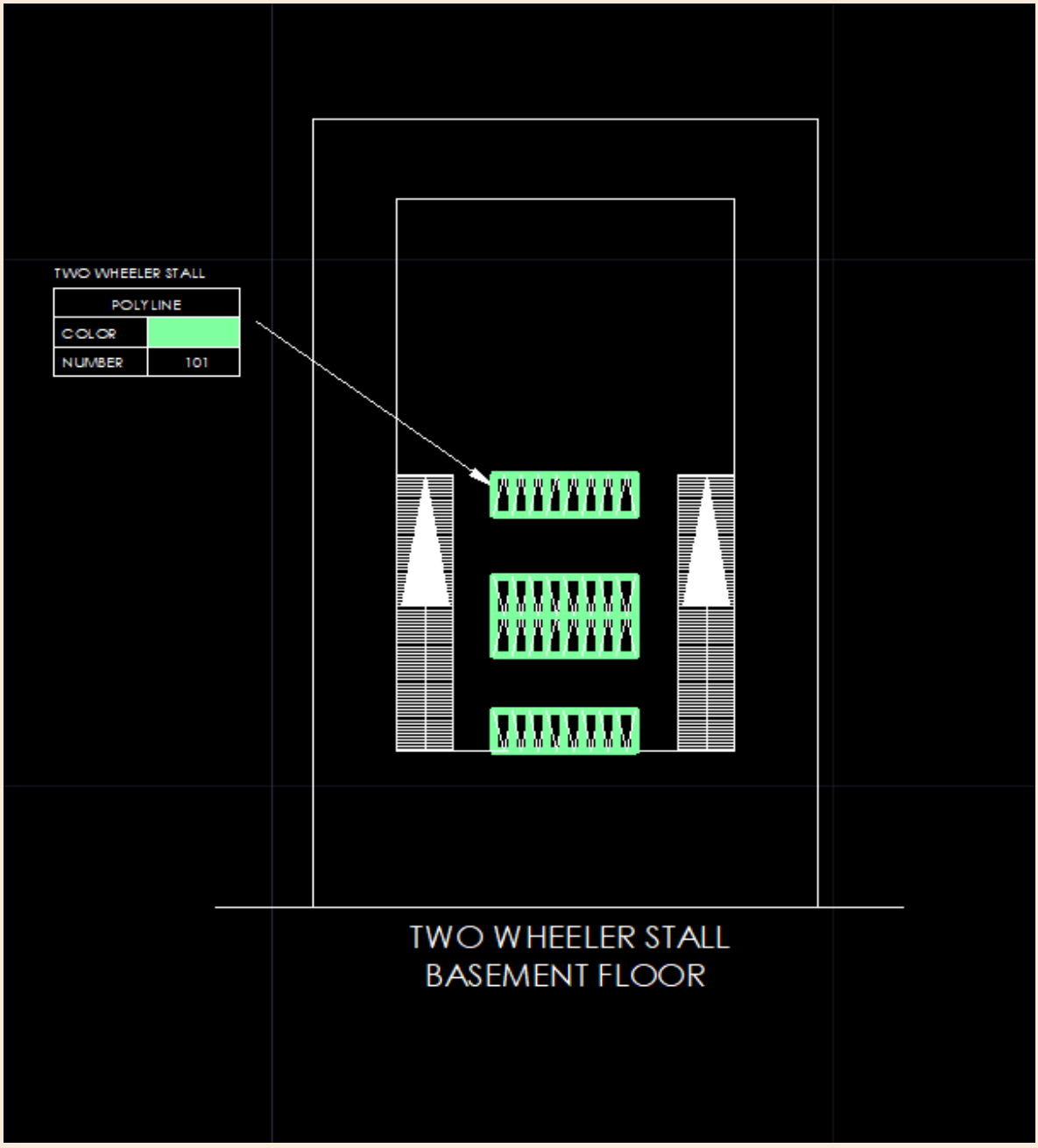
S.No	Description	Layer
108	Marriage hall parking area and Marriage garden parking area shall be drawn as Polyline in Color No. 142.	FLOOR-GROUND or FLOOR-STILT or FLOOR-GROUND-EX or FLOOR-STILT-EX



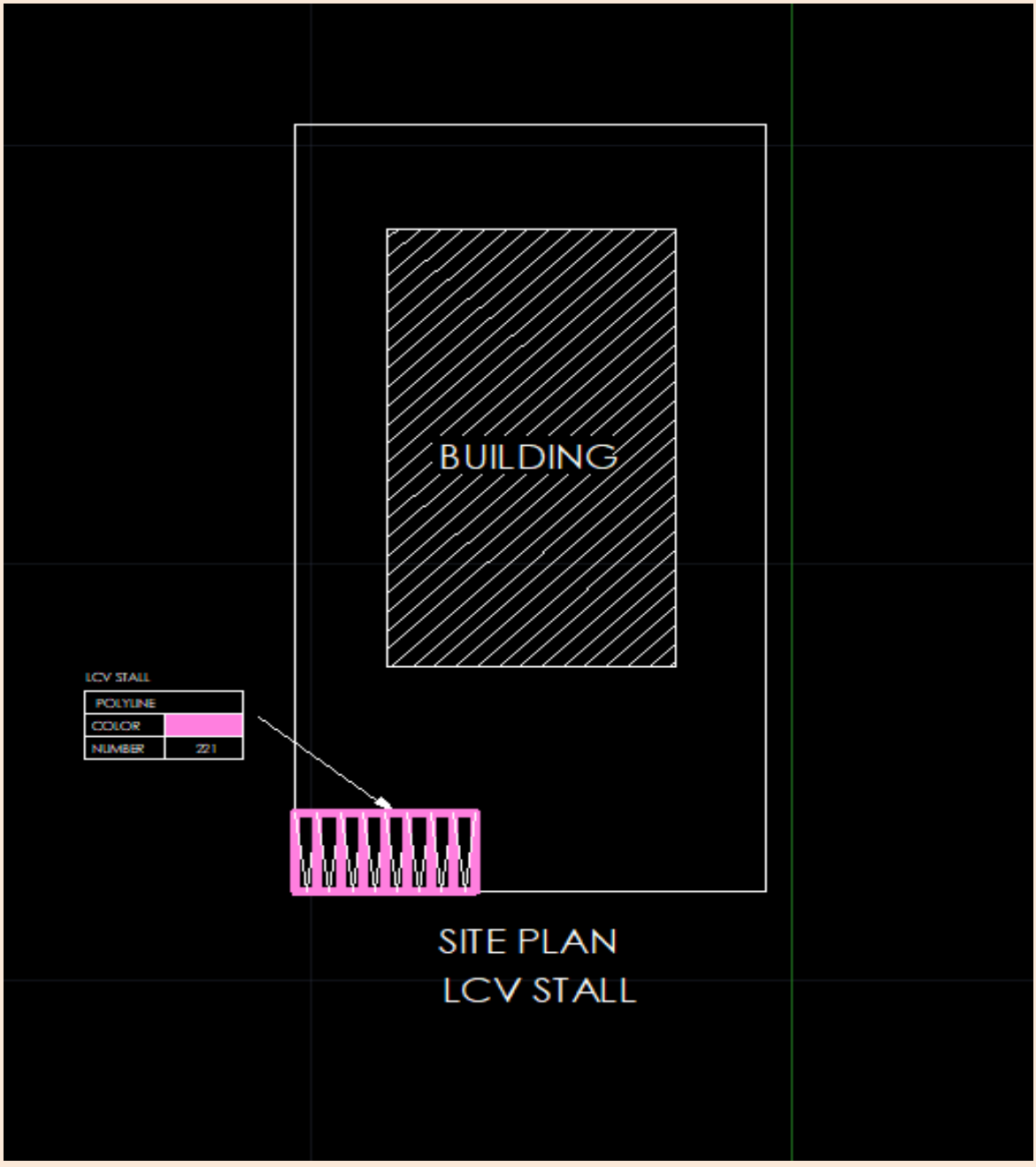
S.No	Description	Layer
109	Car Parking Stall shall be drawn as Polyline in Color No. 140.	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-BF or FLOOR-PARKING



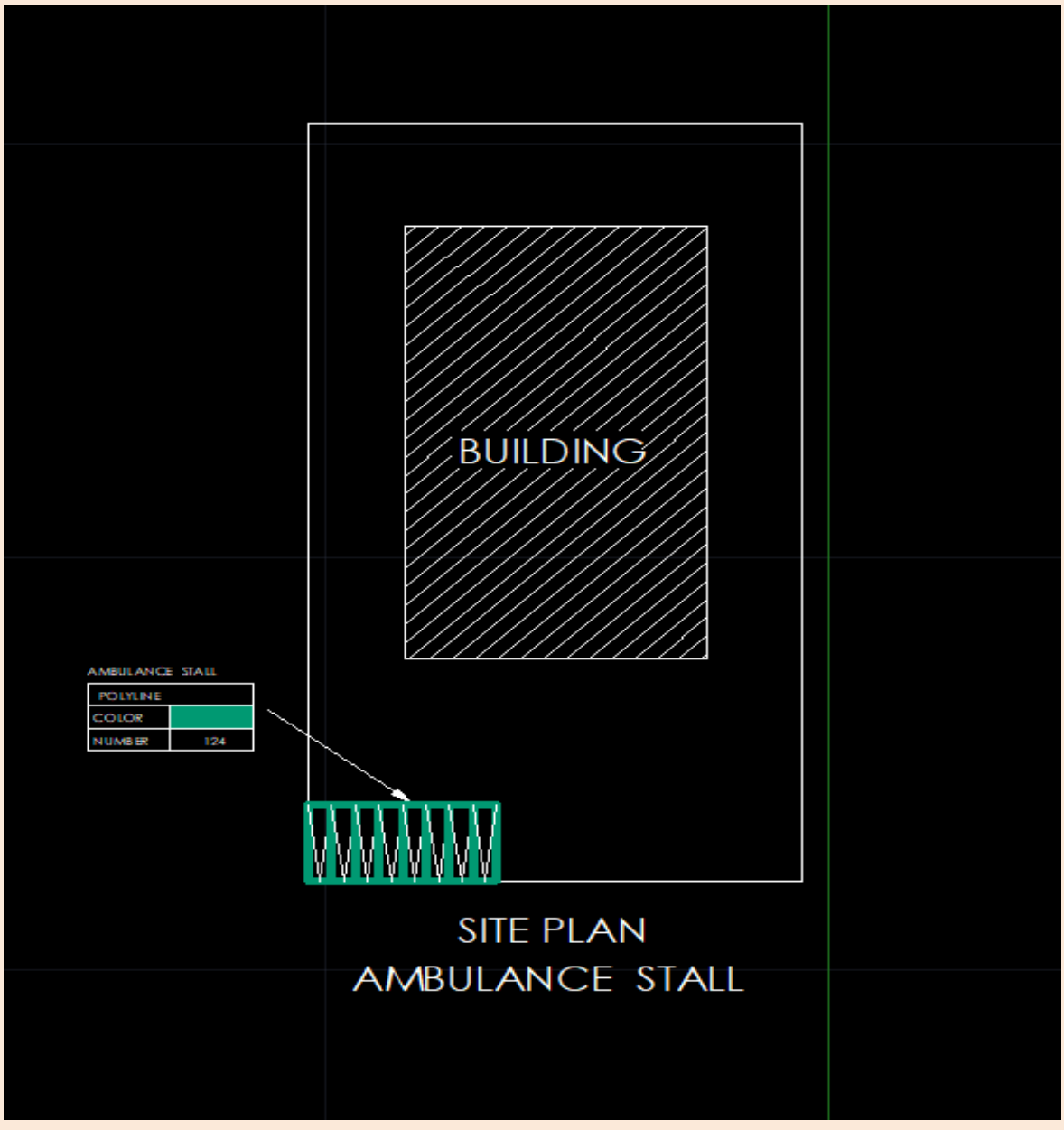
S.No	Description	Layer
110	Two Wheeler Parking Stall shall be drawn as Polyline in Color No. 101.	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-BF or FLOOR-PARKING



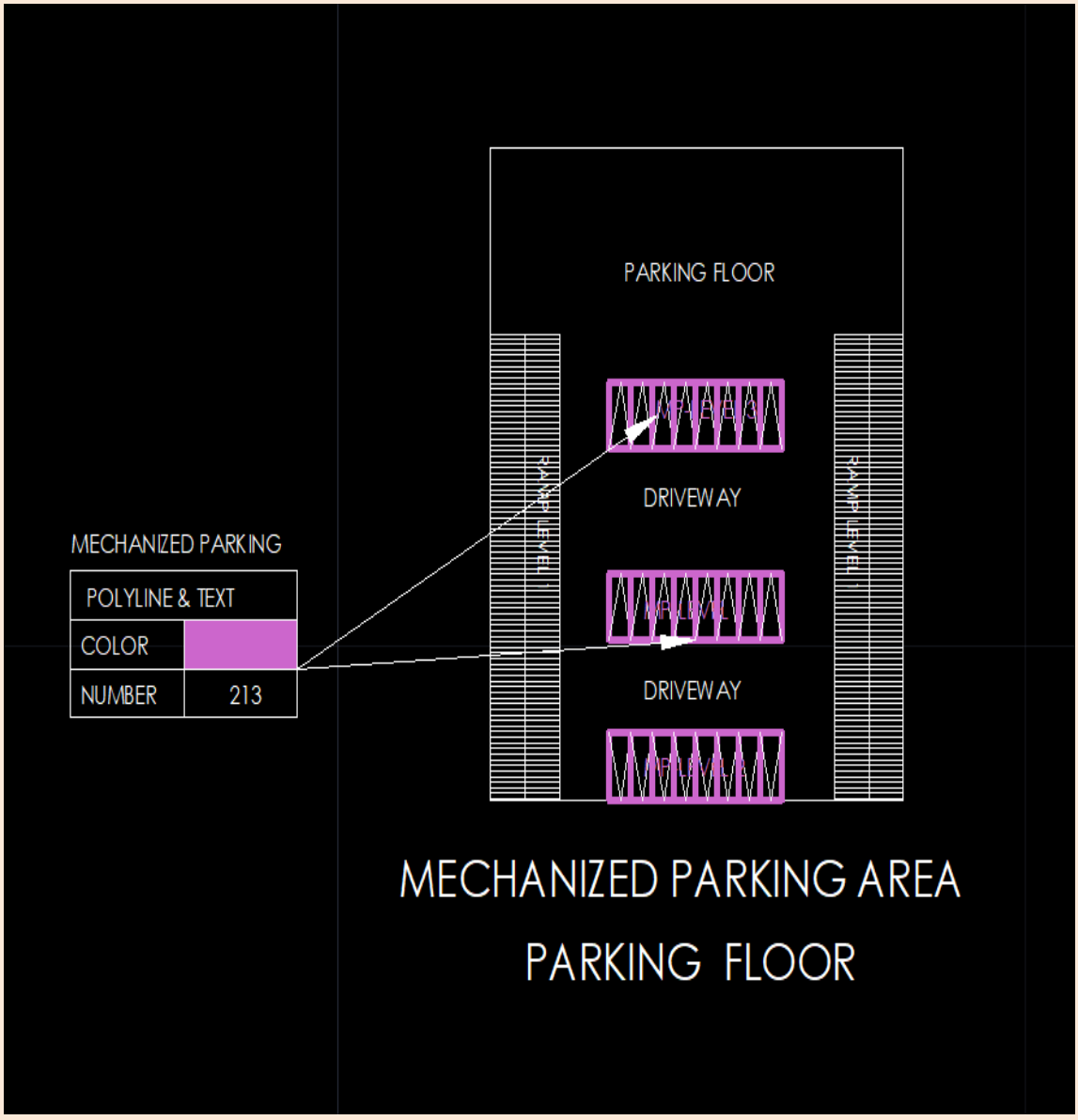
S.No	Description	Layer
111	LCV Stall shall be drawn as polyline in Color No. 221.	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-EX



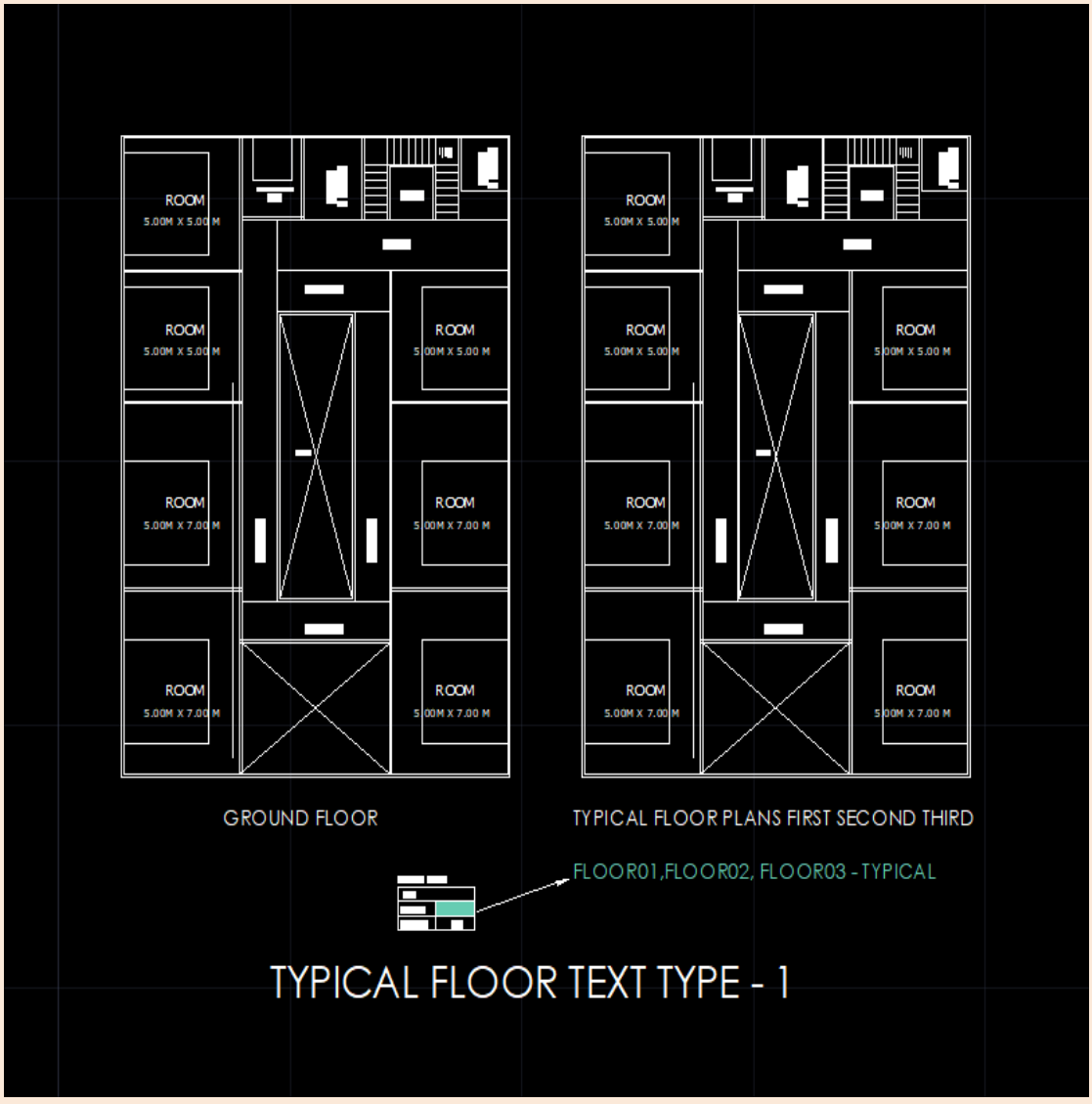
S.No	Description	Layer
112	Ambulance Stall shall be drawn as polyline in Color No. 124.	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-EX



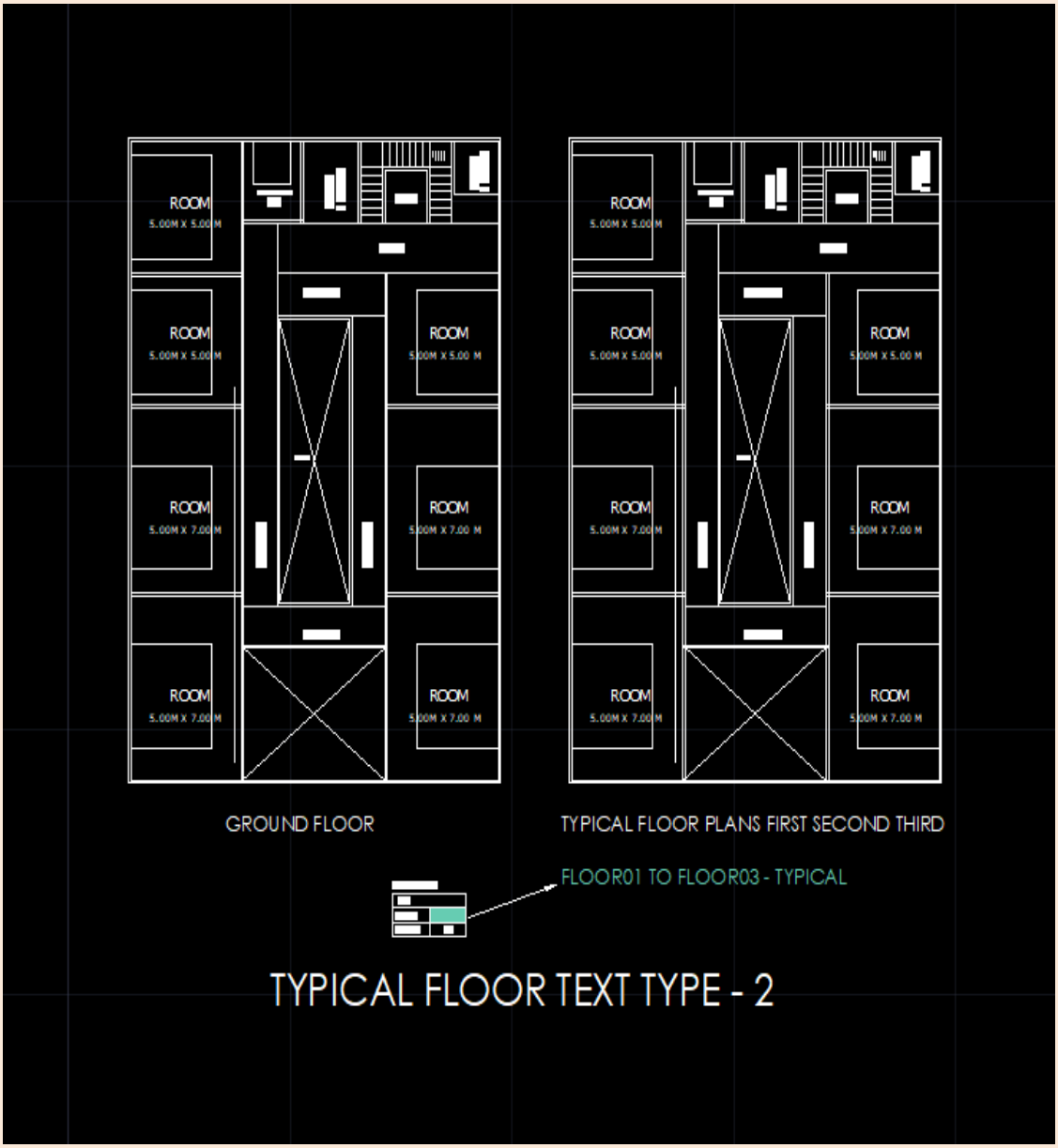
S.No	Description	Layer
113	Mechanized Parking Area shall be drawn as polyline in Color No. 213 and text shall be placed inside polyline.	FLOOR-PODIUM or FLOOR-PARKING or FLOOR-BF Or FLOOR-GROUND Or FLOOR -STILT Or FLOOR-PODIUM-EX or FLOOR-PARKING-EX or FLOOR-BF-EX Or FLOOR-GROUND-EX Or FLOOR -STILT-EX
114	Text should be given as MP-LEVEL01. (MP-LEVEL02/MP-LEVEL03). Mechanized parking is allowed only in FLOOR-PODIUM and PODIUM-EX until unless in special conditions such as ABD AREA.	



S.No	Description	Layer
115	Typical Floor Text Shall be Provided in Color No. 123 Floor Layer	Applicable



S.No	Description	Layer
116	Typical Floor Text Shall be Provided in Color No. 123. Floor Layer	Applicable

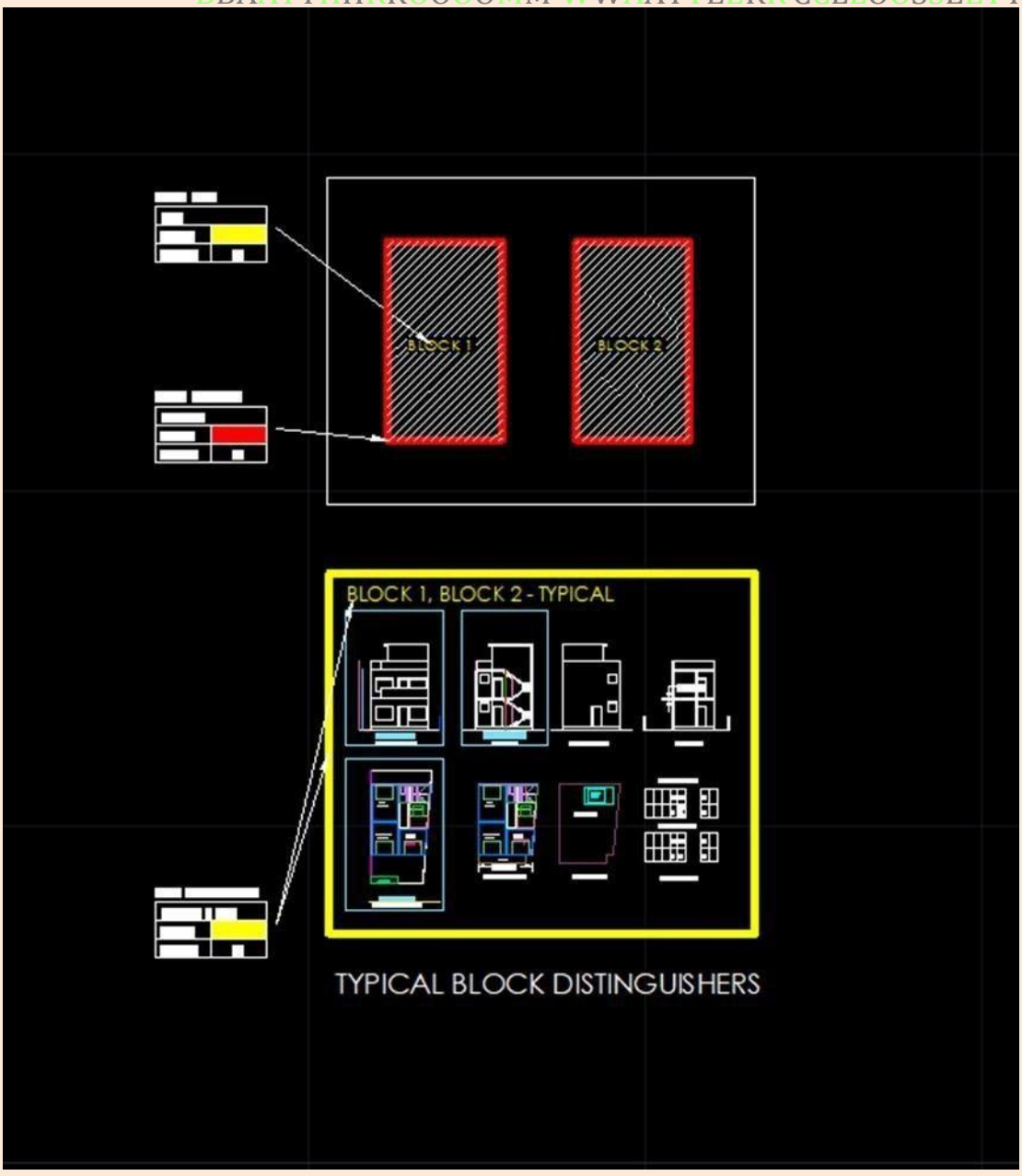


S.No	Description	Layer
117	Building blocks shall be distinguished from each other in case of Group Developments. Distinguishing of blocks shall be drawn by Polylines in Color No. 50 along with Block names as text in the same Color for identifying individual blocks present such as Block-A, Block-B. The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

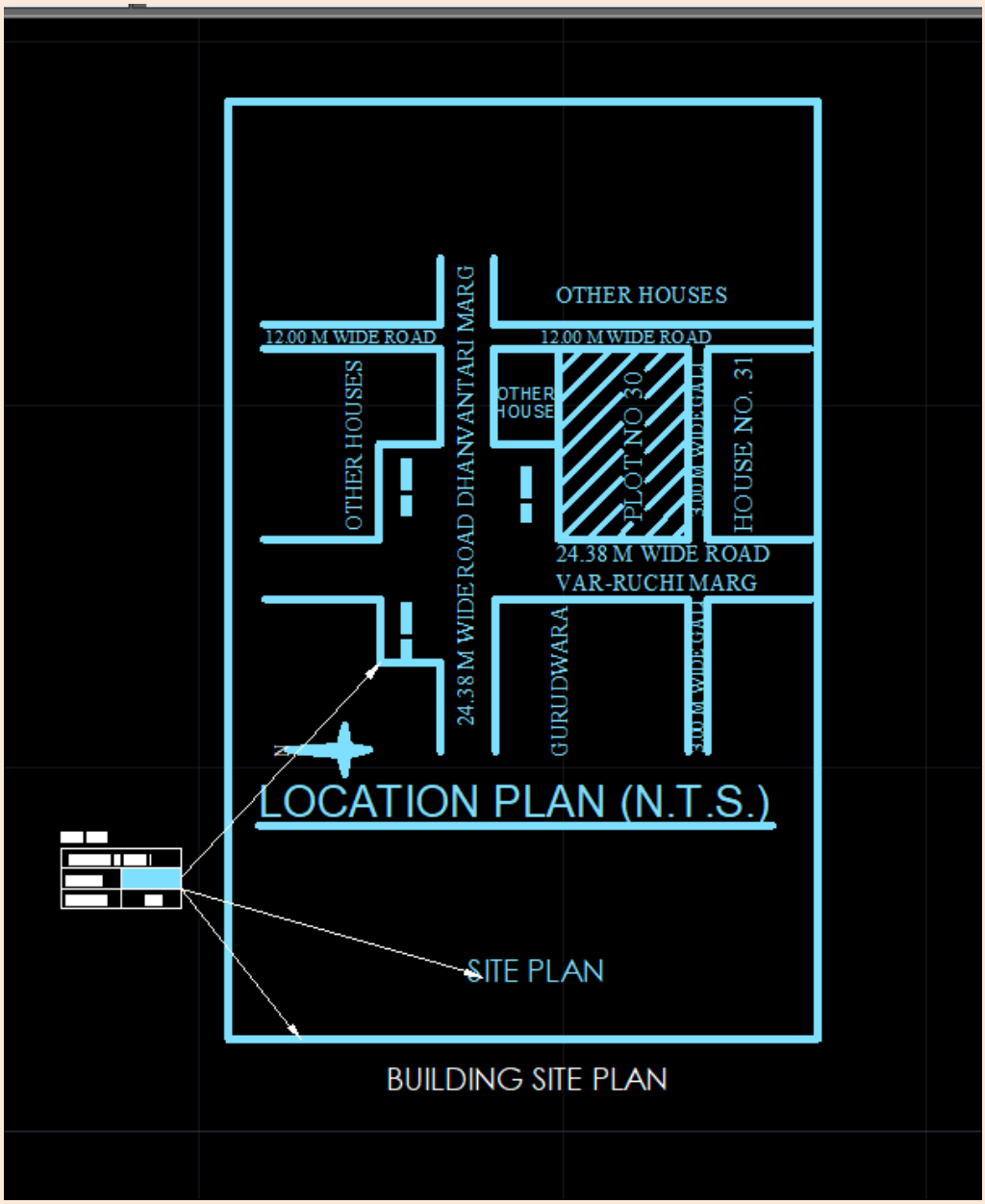


S.No	Description	Layer
118	If the Blocks are similar to Each other, then Block typical text to be kept in color no. 50. Example: If Block A, Block B - Typical	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-EX

BBAATTHHRROOOOMM WWAATTEERR CCLLOOSSEETT Y

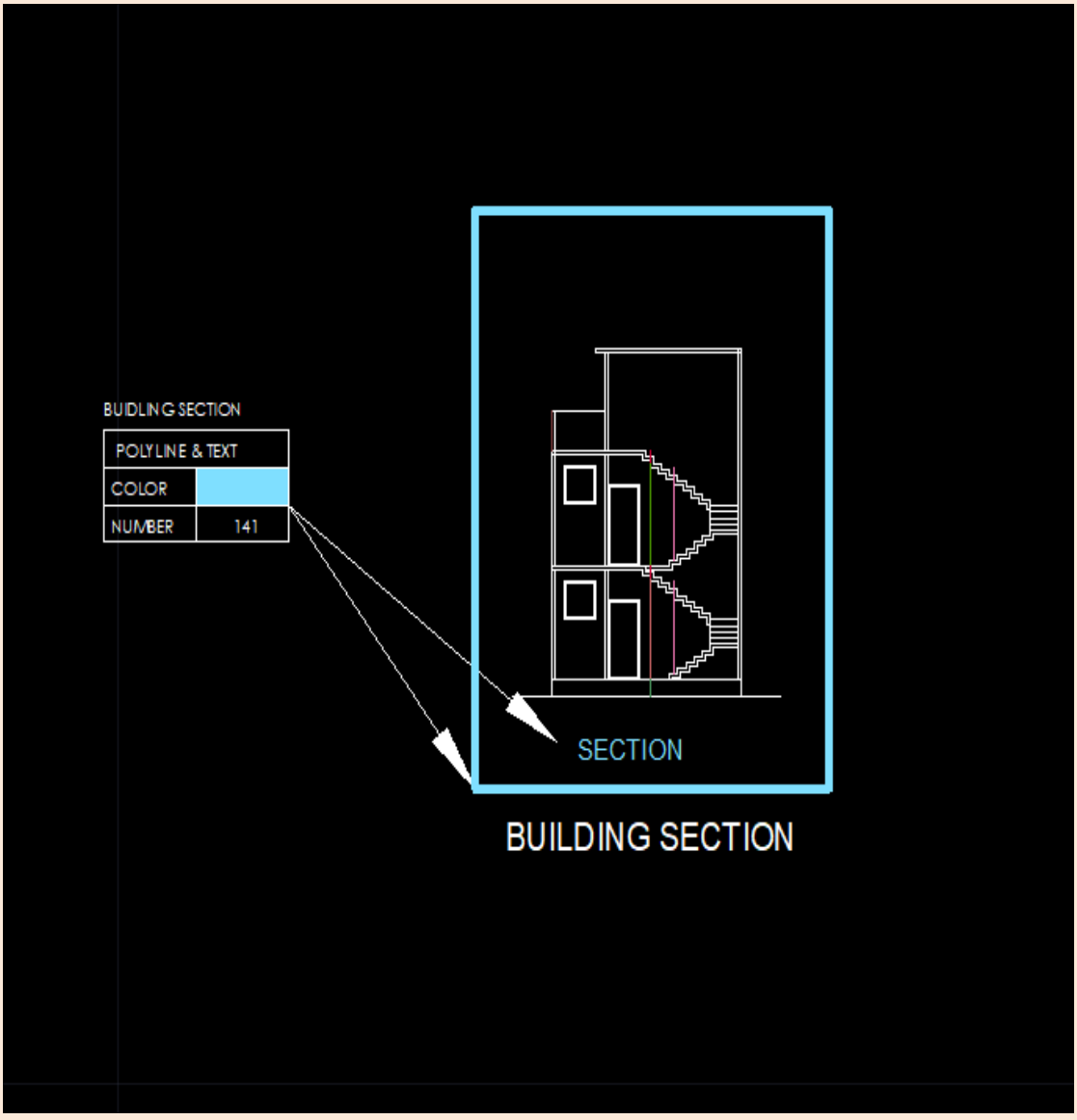


S.No	Description	Layer
117	Site Plan Bounding Rectangle shall be drawn as Polyline in Color No. 141 and text shall be placed in the same Color. NOTE – Site plan should be drawn in color 141, '0' layer	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-EX



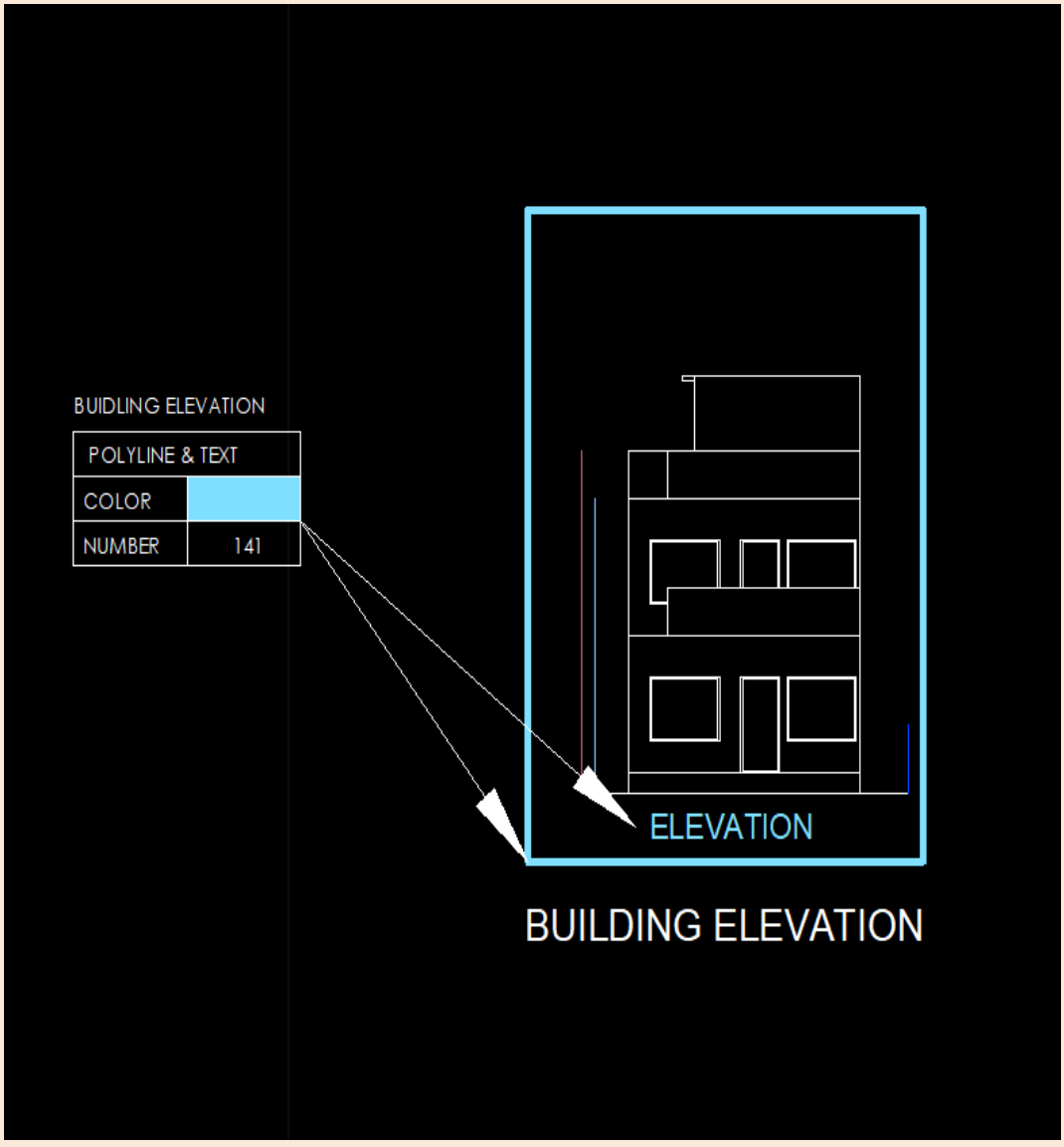
S.No	Description	Layer
119	Section Bounding Rectangle shall be drawn as Polyline in Color No. 141 and text shall be placed in the same Color.	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-EX

NOTE – Elevation and section should be drawn in color 141, '0' layer

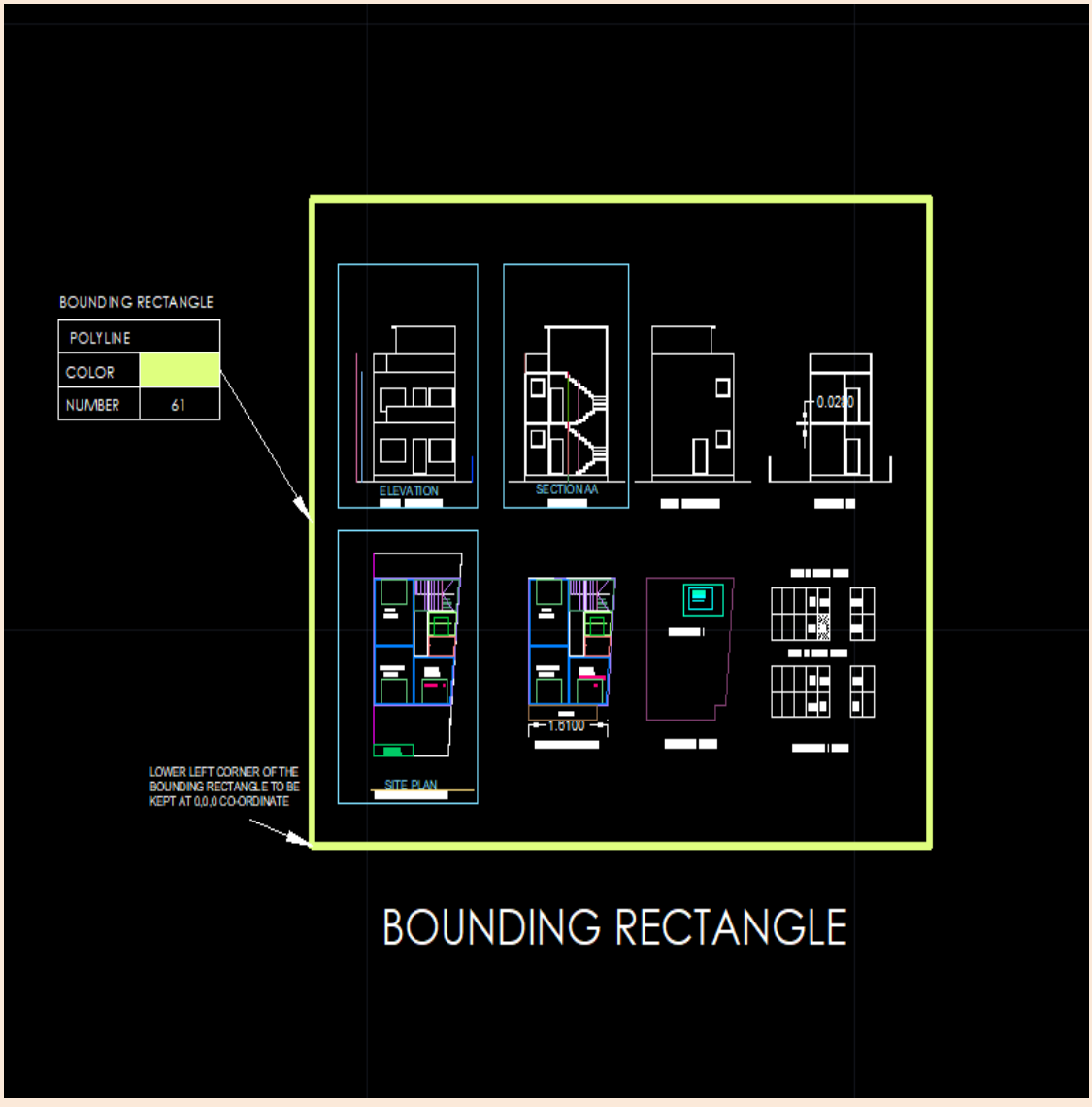


S.No	Description	Layer
120	Elevation Bounding Rectangle shall be drawn as Polyline in Color No. 141 and text shall be placed in the same Color.	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-EX

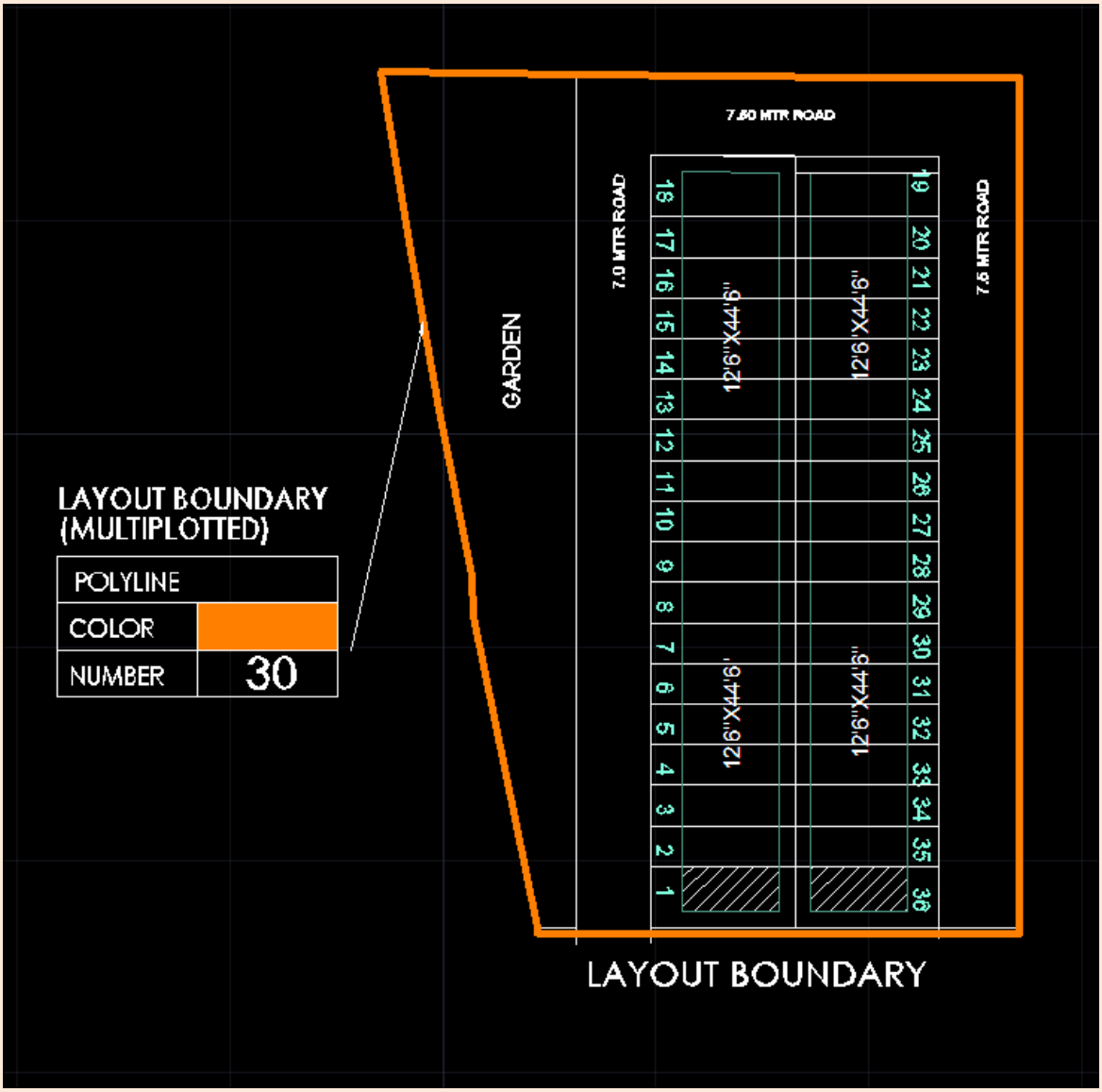
NOTE – Elevation and section should be drawn in color 141, '0' layer



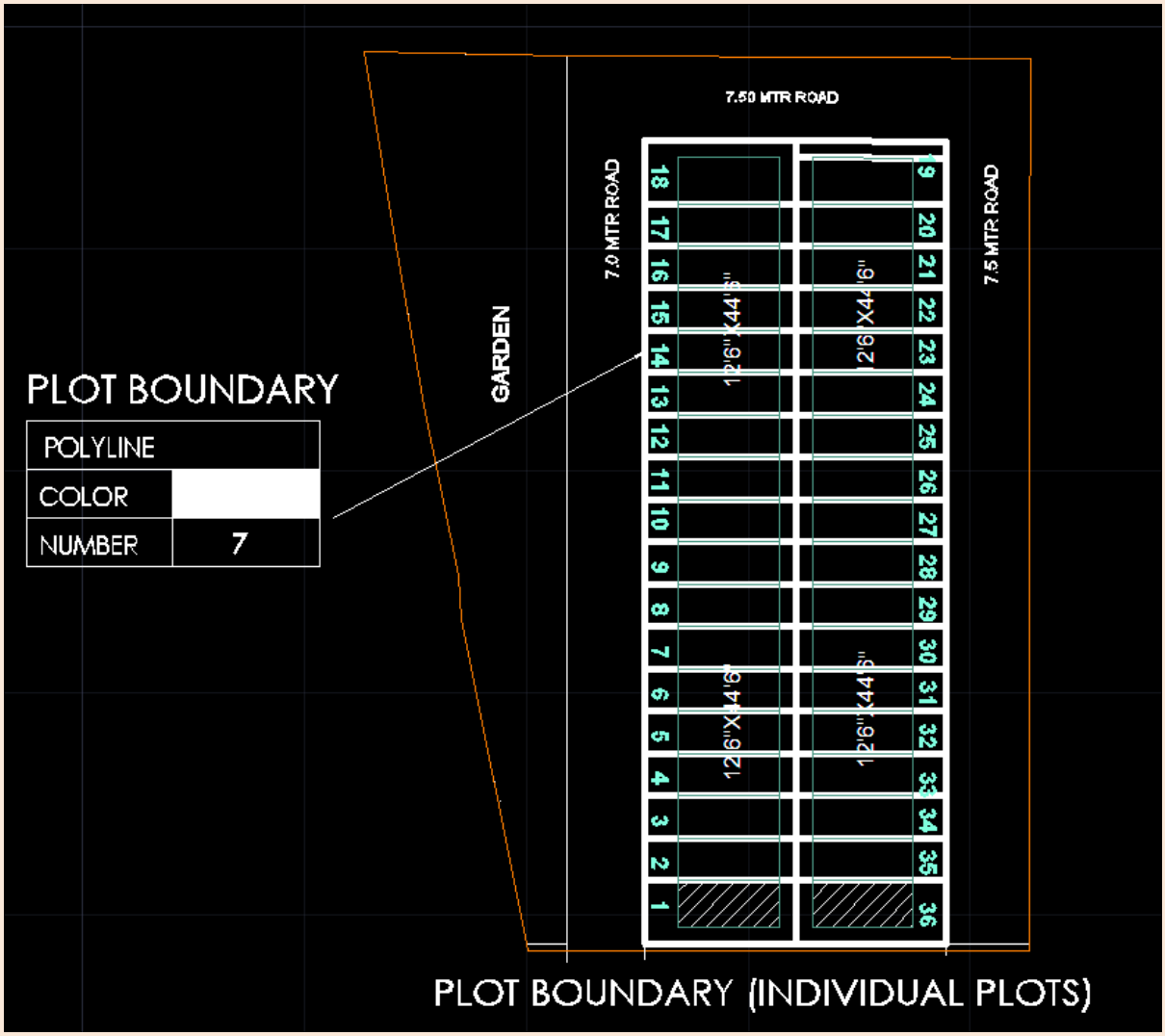
S.No	Description	Layer
121	Bounding rectangle shall be drawn as polyline in Color No 61. Entire drawing containing Floor plan, Section, Elevation Etc. should be kept inside the Bounding rectangle. If there are any objects found outside Bounding rectangle, drawing will be Marked as error by the Precheck software.	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX or FLOOR-PODIUM-EX



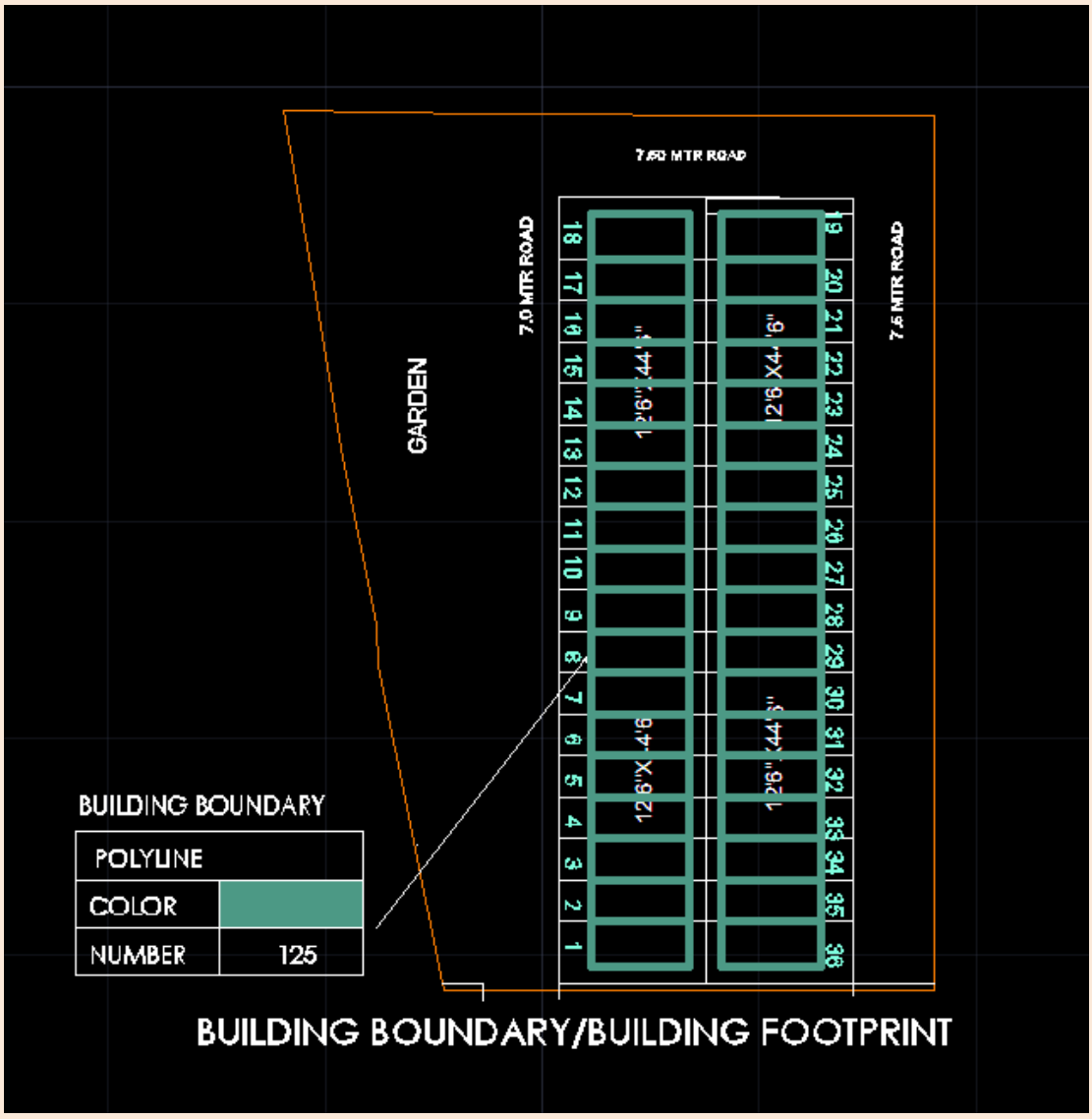
S.No	Description	Layer
122	Layout Boundary shall be drawn as Polyline in Color No. 30. Texts, dimensions, services roads, etc Can be marked in color 141 layer '0' inside layout.	FLOOR-GROUND or FLOOR-STILT or FLOOR-GROUND-EX or FLOOR-STILT-EX



S.No	Description	Layer
123	Plot Boundary shall be drawn as Polyline in Color No. 7 For Each plot in Layout Plan.	FLOOR-GROUND or FLOOR-STILT or FLOOR-GROUND-EX or FLOOR-STILT-EX



S.No	Description	Layer
124	Building Boundary or Building Foot Print Shall be Drawn as Polyline in Color No. 125 For Each Plot in Layout Plan.	FLOOR-GROUND or FLOOR-STILT or FLOOR-GROUND-EX or FLOOR-STILT-EX



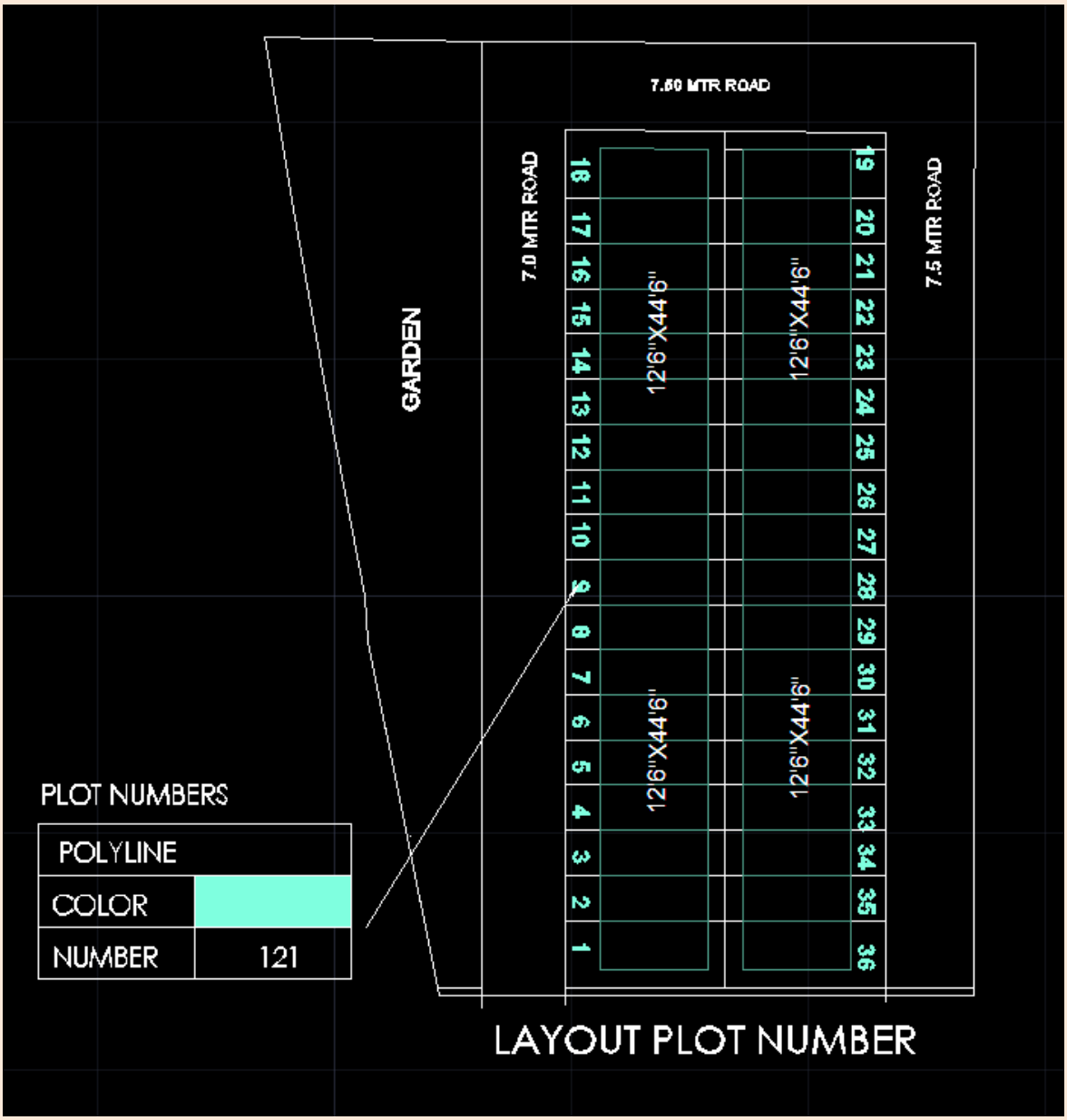
S.No	Description	Layer
125	Plot Frontage Shall Be Drawn as Open Polyline in Color No. 96 in individual plot detail section	FLOOR-GROUND or FLOOR-STILT or FLOOR-GROUND-EX or FLOOR-STILT-EX



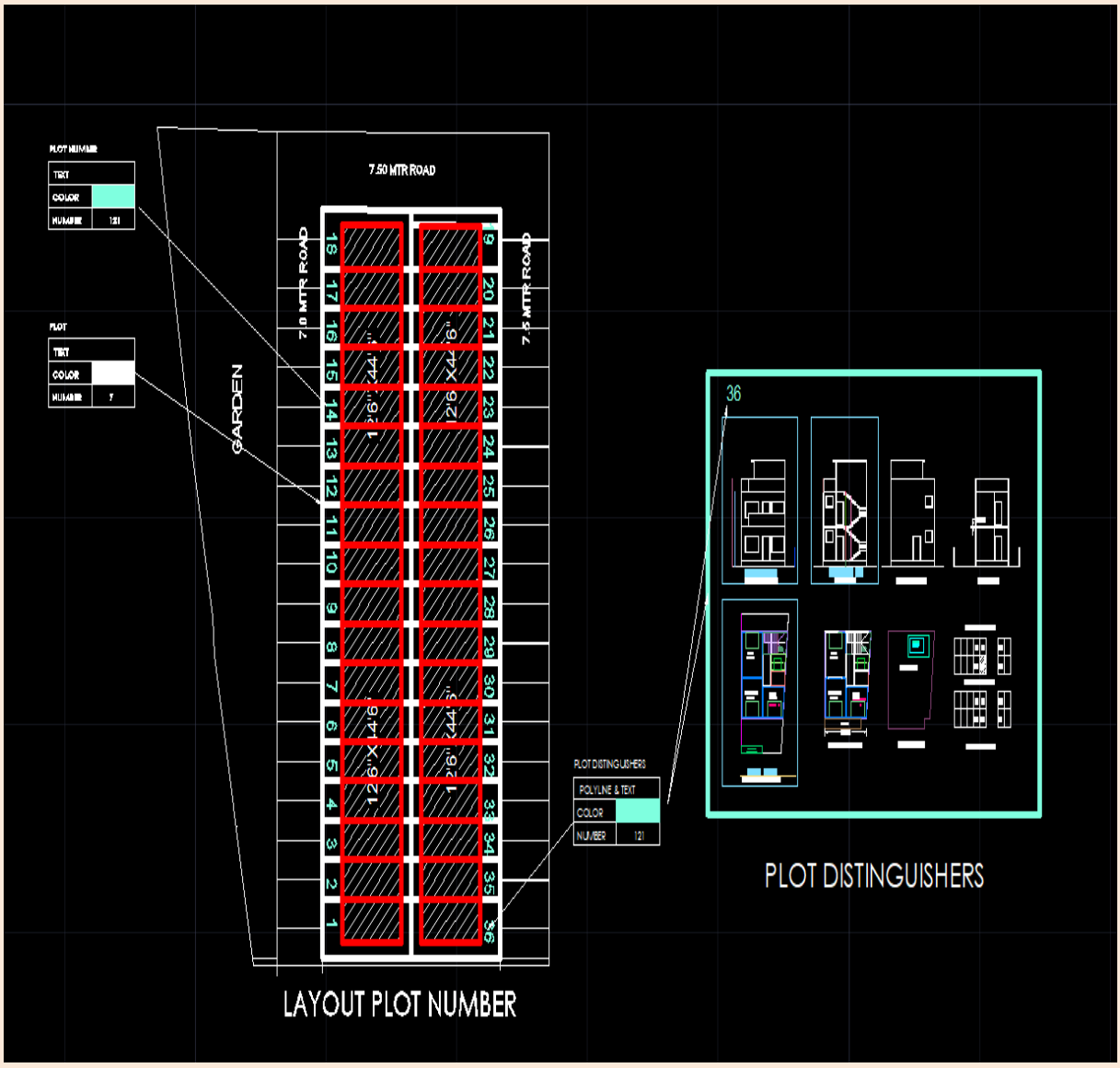
S.No	Description	Layer
126	Road width shall be drawn as line in Color No. 41. Note: Each Plot must have separate Road Width.	FLOOR-GROUND or FLOOR-STILT or FLOOR-GROUND-EX or FLOOR-STILT-EX



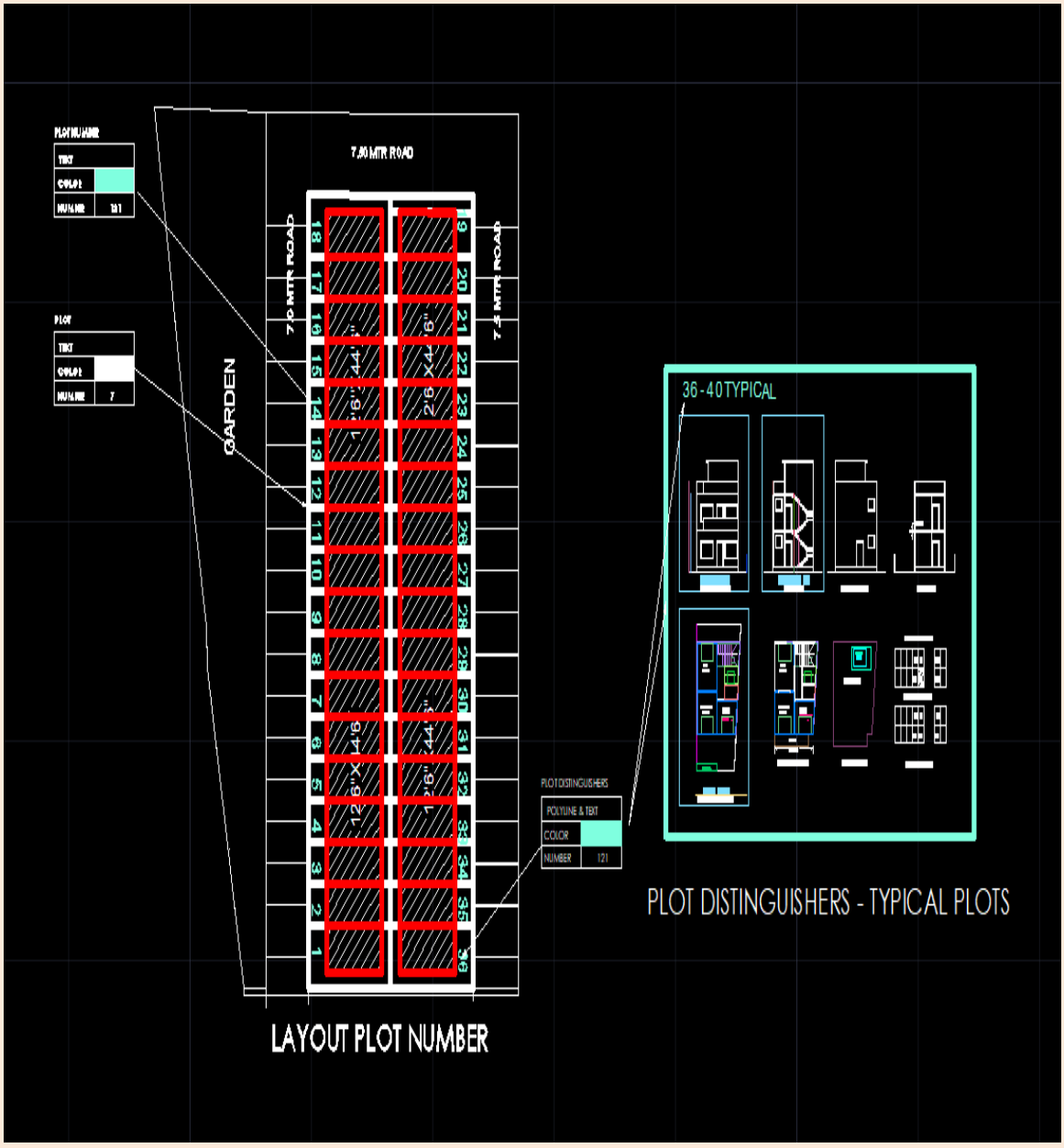
S.No	Description	Layer
127	Plot No. shall be kept as text in Color No. 121 for each plot in Layout plan.	FLOOR-GROUND or FLOOR-STILT or FLOOR-GROUND-EX or FLOOR-STILT-EX



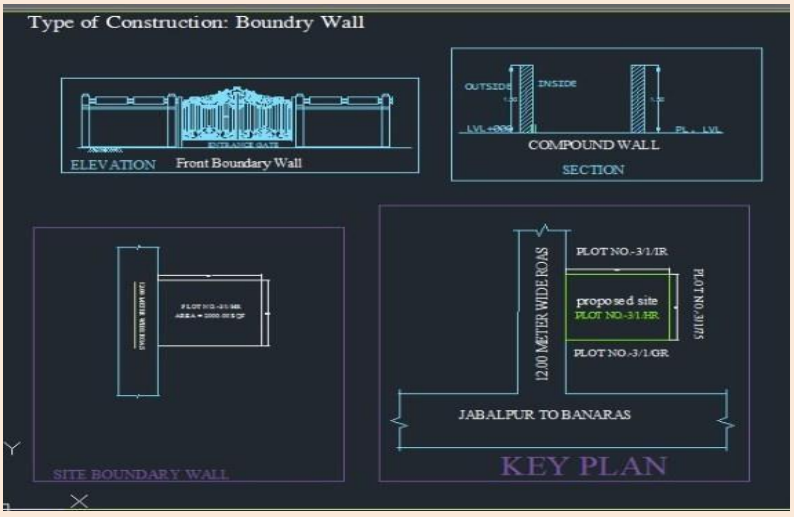
S.No	Description	Layer
128	For Each plot, Plot distinguisher shall be drawn as Polyline in Color No. 121 and Plot no. shall be kept as text.	FLOOR-GROUND or FLOOR-STILT or FLOOR-GROUND-EX or FLOOR-STILT-EX



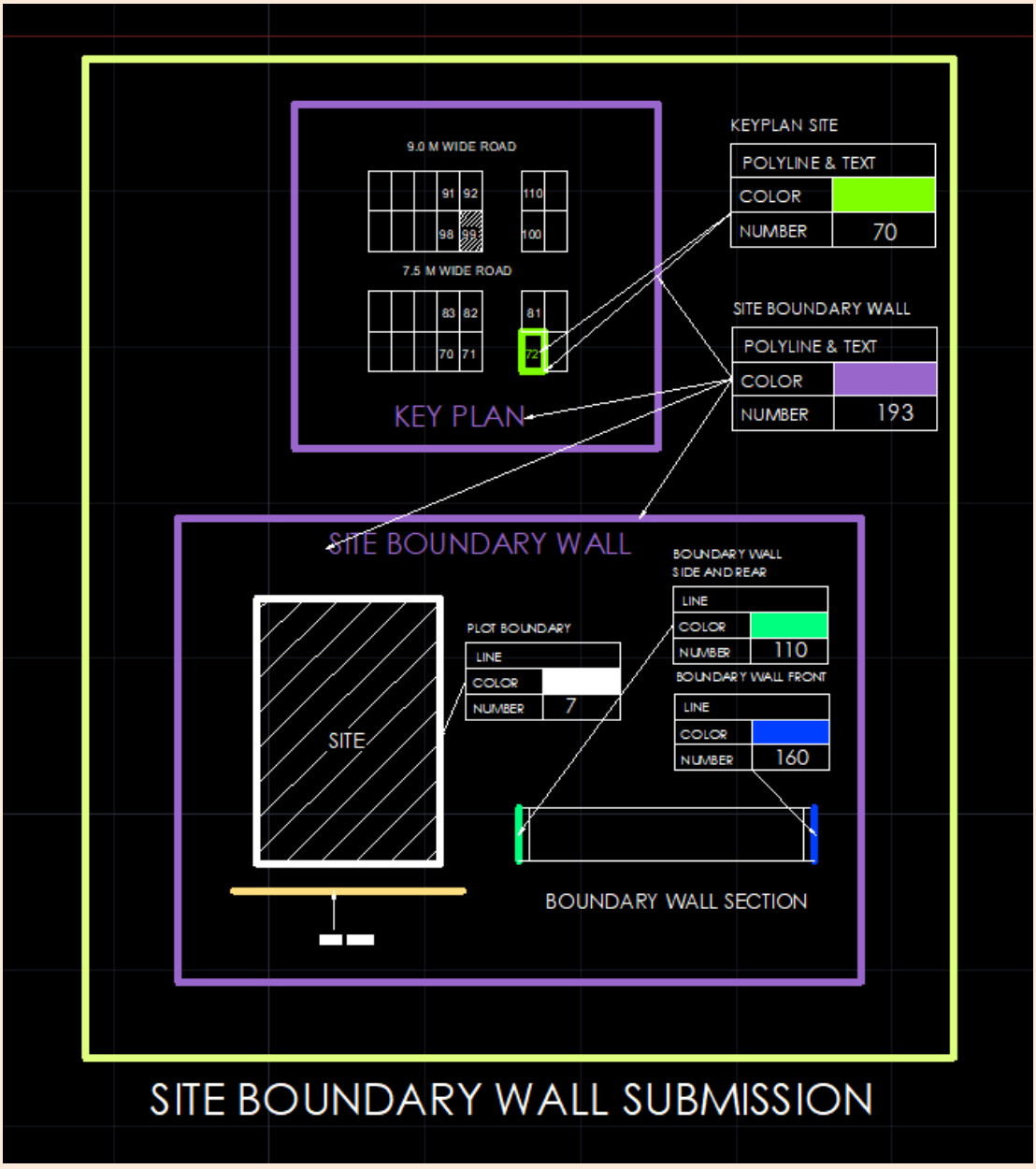
S.No	Description	Layer
129	If the Plots are similar to Each other, then Plot typical text to be kept in color no. 121. Example: If C1 to C6 – Typical	FLOOR-GROUND or FLOOR-STILT or FLOOR-GROUND-EX or FLOOR-STILT



S.No	Description	Layer
130	Site Boundary Wall shall be drawn as Polyline in Color No. 193 and text shall be placed in the same Color. Key plan shall be drawn as Polyline in Color No. 193 and text shall be placed in the same Color. Key plan Site shall be drawn as Polyline in Color No. 70 and text shall be placed in the same Color. • The Section, Elevation box in color 141 with text of elevation , section should be present separately with Height line of color 160 for Front boundary wall height , Side 1 & side 2 boundary wall height line in color 110 and rear boundary wall height line in color 111 should be present either in elevation box or in section box (Elevation of front boundary wall should be drawn in elevation box and section should be drawn in section box mandatorily). • 3. Key Plan box in color 141 must be present with key plan text and all these should be in FLOOR-GROUND and inside color 61 Box	



S.No	Description	Layer



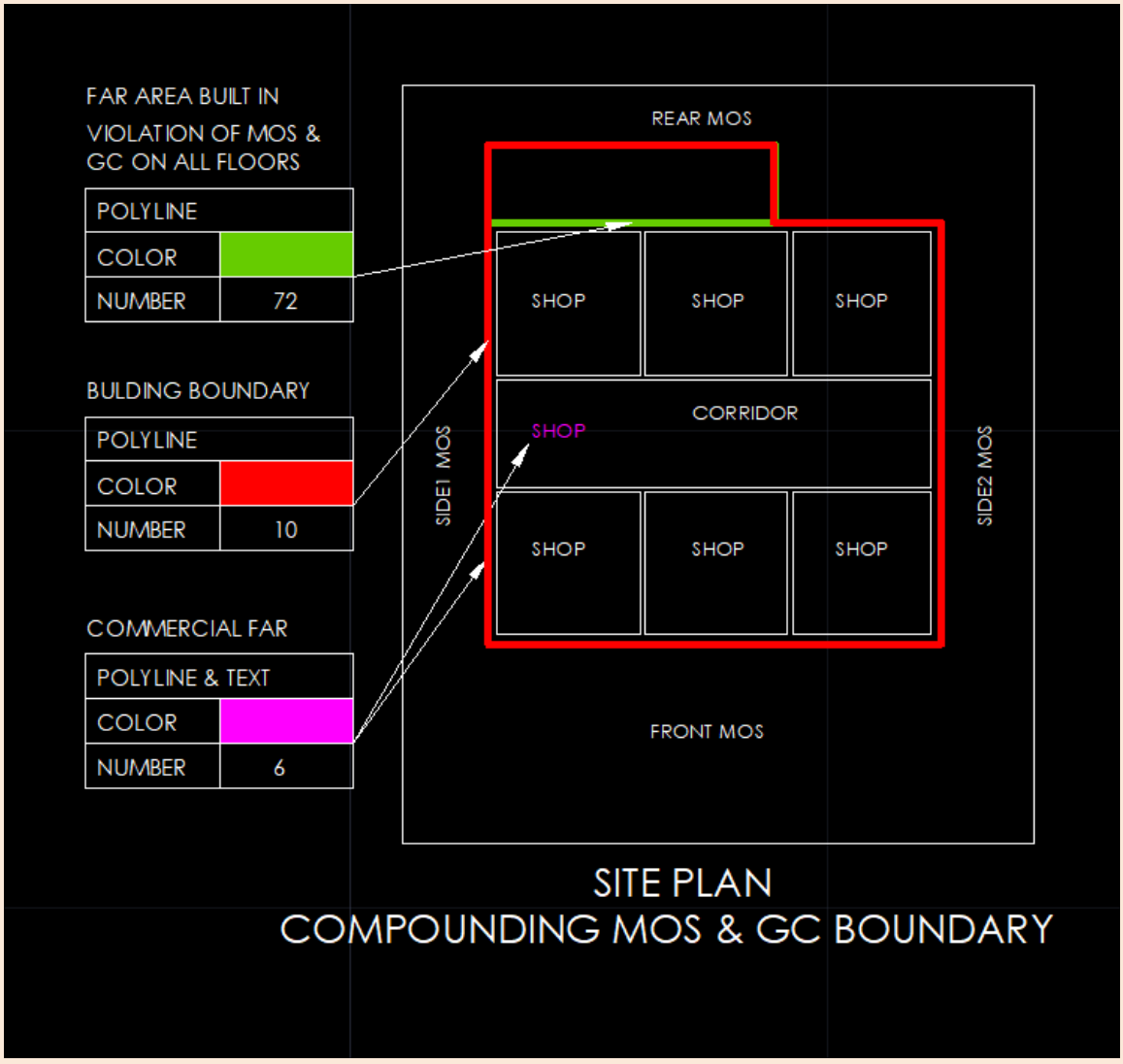
FLOOR-GROUND

S.No	Description	Layer

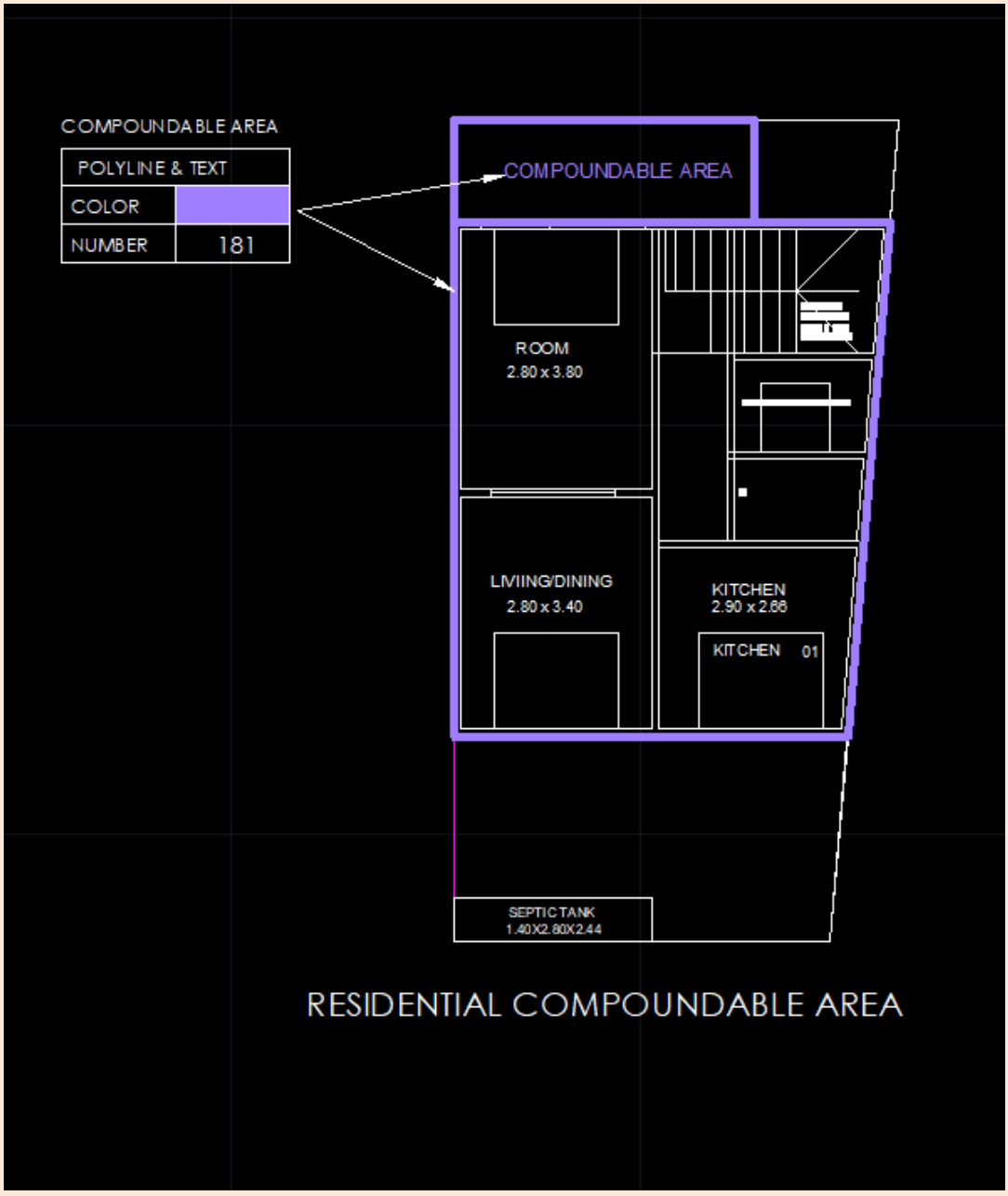
131 FAR area Built in the violation of MOS & GC shall be drawn as Applicable Floor Layer Polyline in Color No. 72.

a) For Compounding Case, Building Boundary Polyline (Color-10) need to be drawn included with violation area

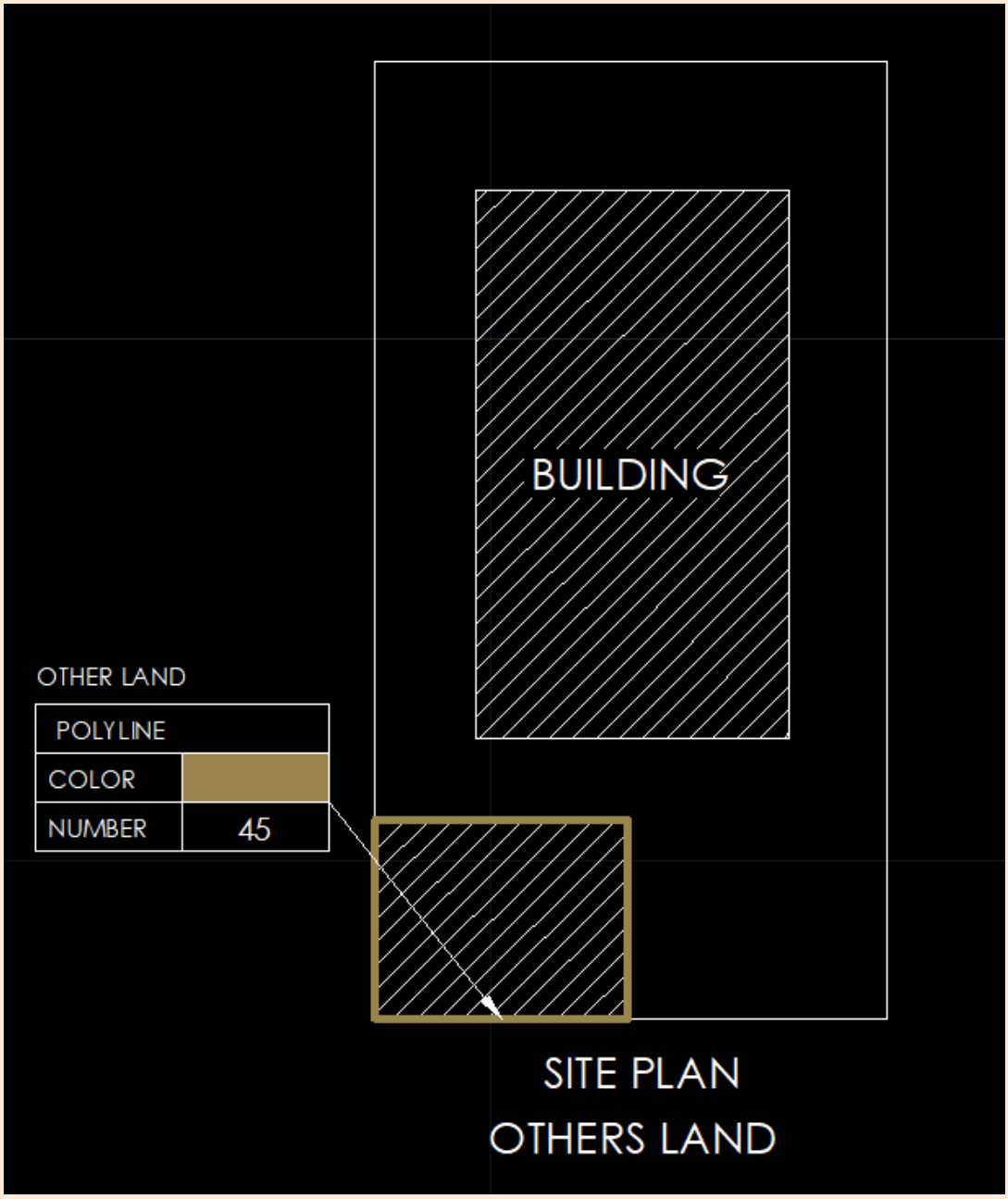
b) For Compounding Case FAR area polyline (Residential, Commercial, EWS/LIG, Institutional, Educational, Industrial etc) need to be drawn included violation areas.



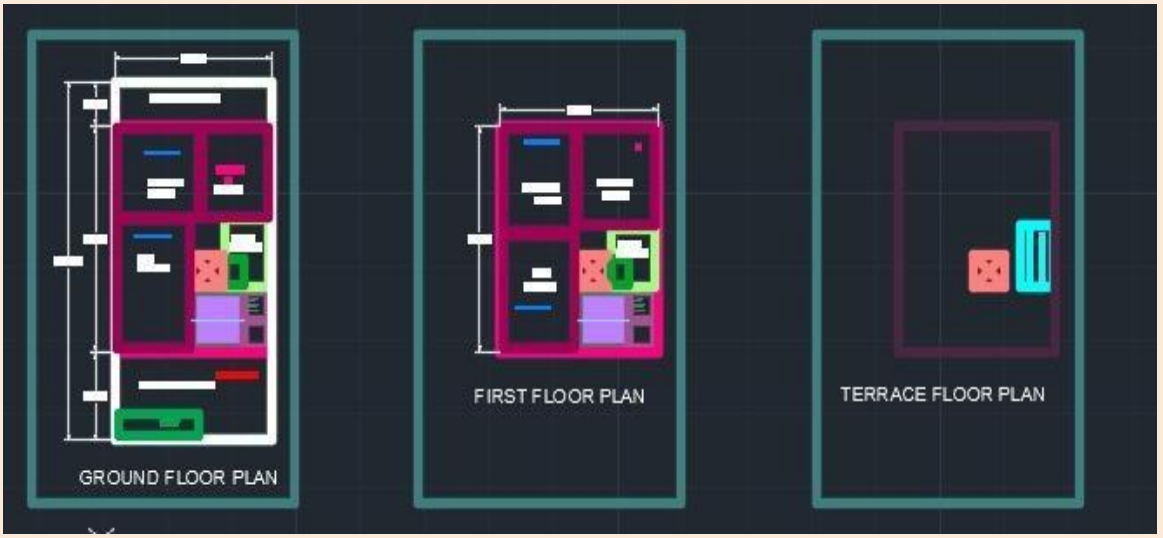
S.No	Description	Layer
132	Residential Compounding Far Area shall be drawn as Polyline in Color No. 181 and text shall be placed in the same Color.	Applicable Floor Layer



S.No	Description	Layer
133	Other Land shall be drawn as Polyline in Color No. 45.	FLOOR-GROUND or FLOOR-STILT or FLOOR-PODIUM or FLOOR-GROUND-EX or FLOOR-STILT-EX



134. For single plot reference polygon in color 135 is required.



- All Reference polygon size should be having equal depth & width.
- For every drawing reference polygon is mandatory in color 135 with polyline in applicable floor layers.
- Length and width of polygon should be same in all floor layers.

Note: Polyline with color 135 will not come in front drawing pdf where blocks are multiple site plan.

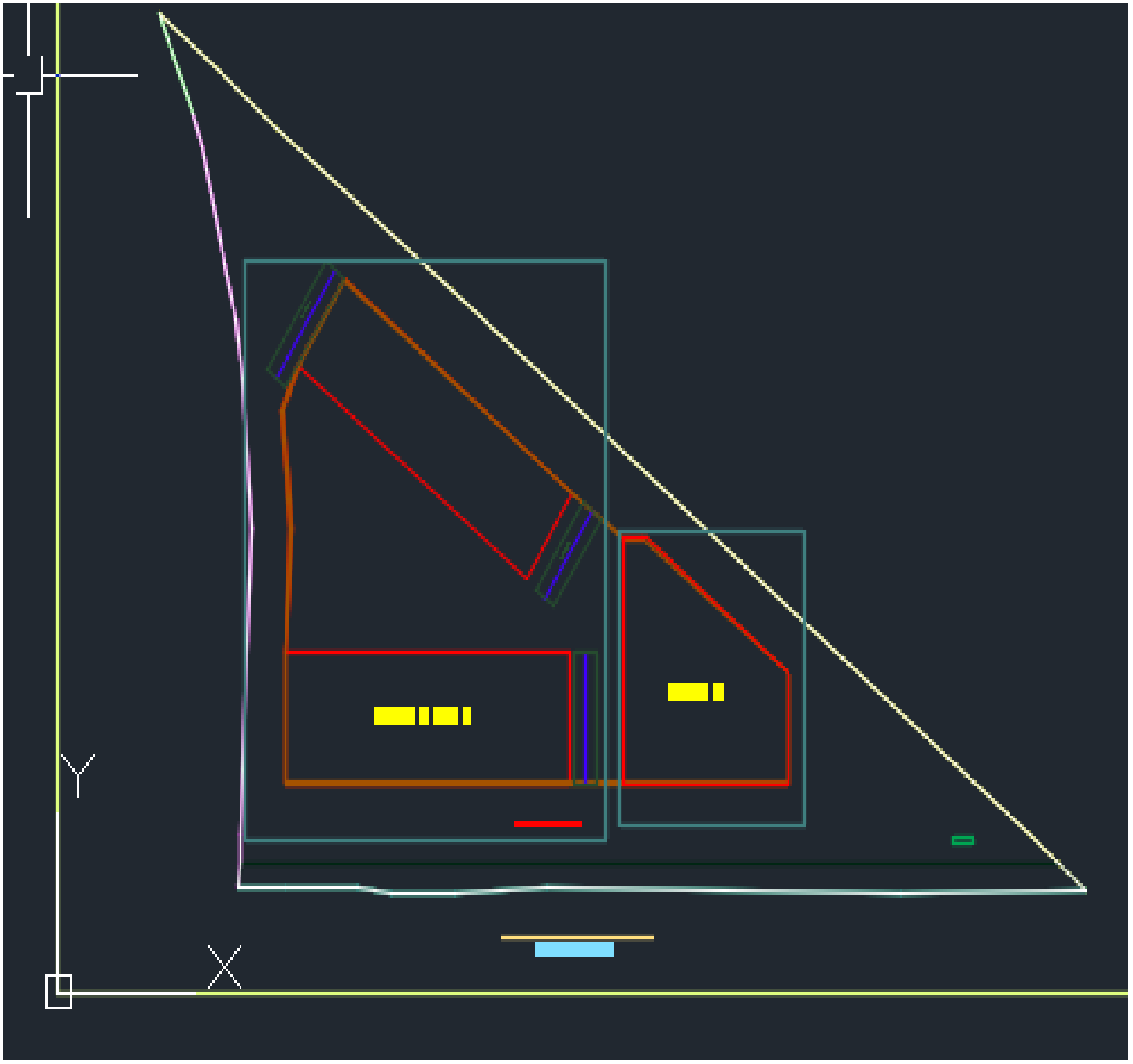
135. For block wise reference polygon in color 135 is required.

1.**Master Reference Detection**
Ensure the Color-135 reference polygon present inside the Plot Boundary (Color-7) is correctly identified for each block, and the validation runs based on that block.

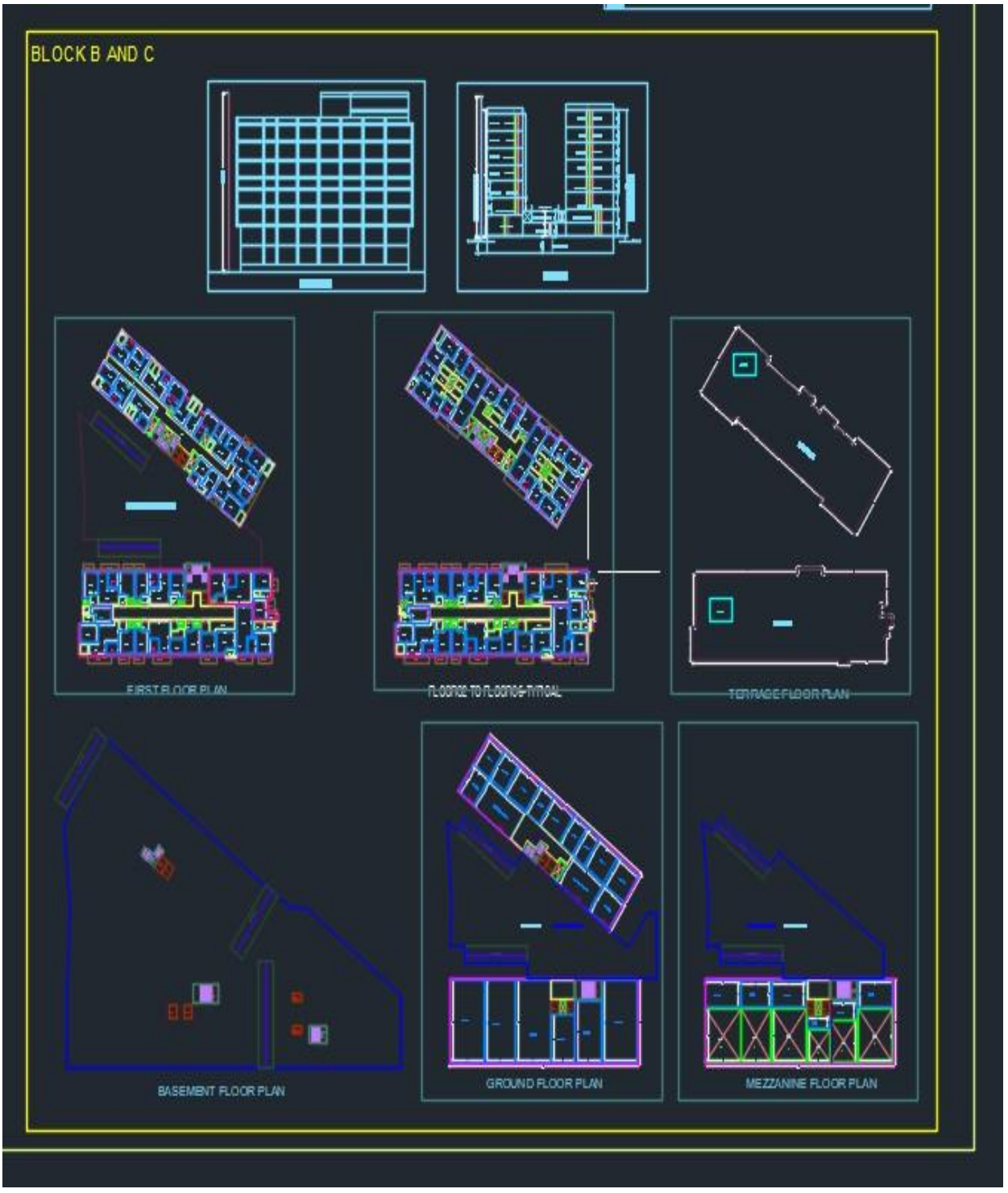
2. **Block-wise Layer Validation**
Confirm that the validation runs block-wise and layer-wise, and only the layers belonging to that blocks are validated.

3. **Reference Polygon Presence**
Ensure each valid layer contains exactly one Color-135 reference polygon. Also check error cases where it is missing or multiple polygons exist.

4. Podium and Basement layers (including EX layers) are excluded from this validation. In cases where a layer is common to multiple blocks.

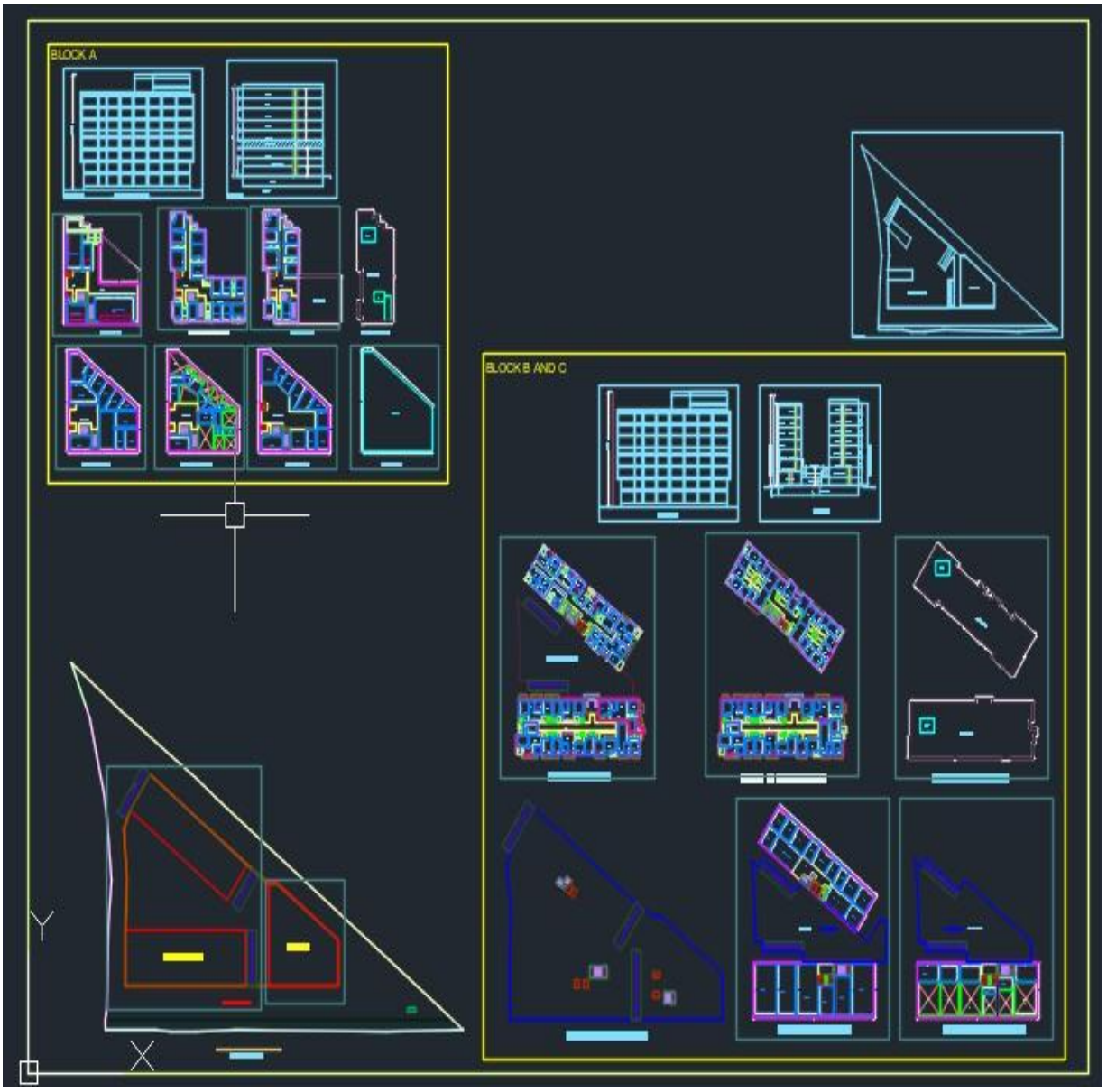


1. **Master Reference Detection***
   Ensure the Color-135 reference polygon present inside the Plot Boundary (Color-7) is correctly identified for each block, and the validation runs based on that block.



2. **Block-wise Layer Validation**

Confirm that the validation runs block-wise and layer-wise, and only the layers belonging to that block are validated.

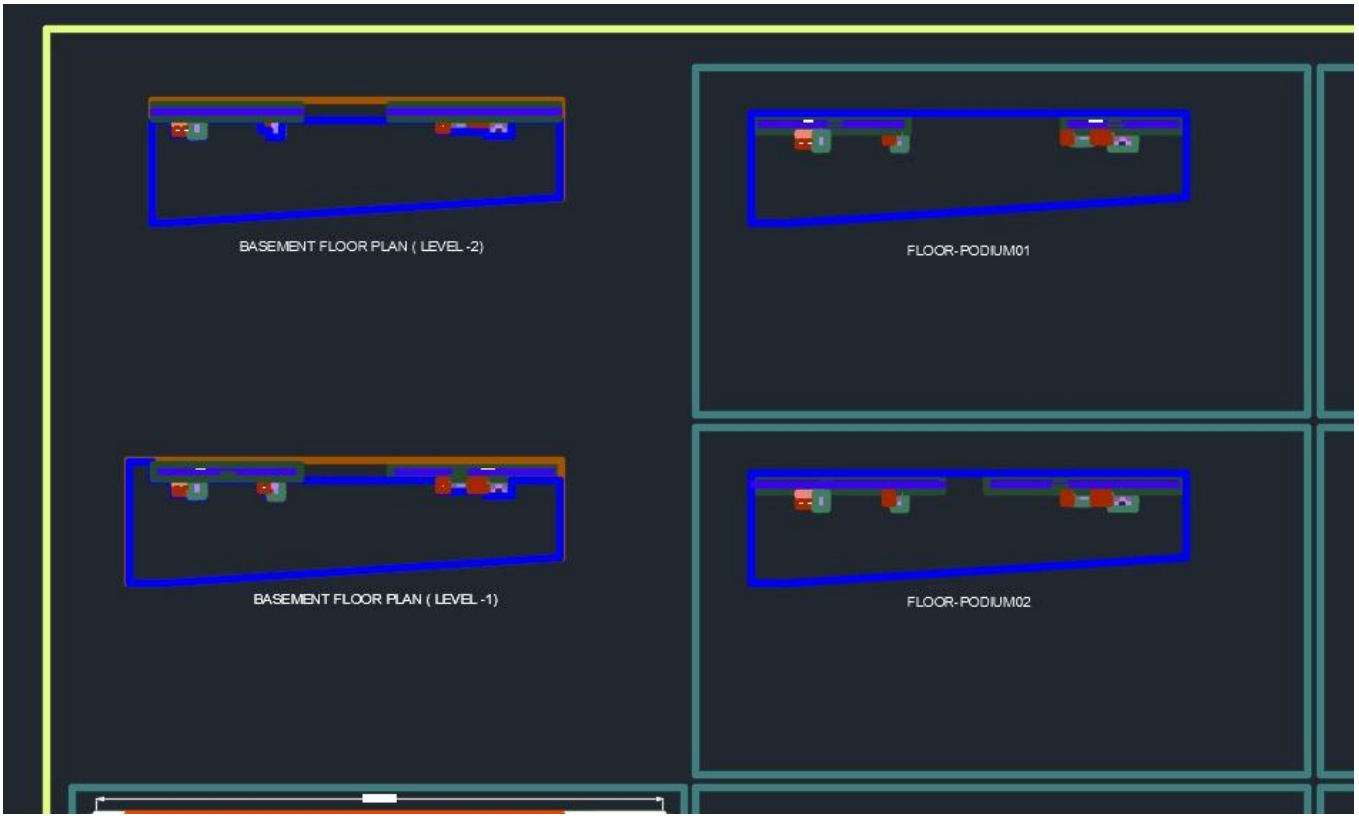


3. **Reference Polygon Presence**
Ensure each valid layer contains exactly one Color-135 reference polygon. Also check error cases where it is missing or multiple polygons exist.

Note:

4. ***Dimension Validation***
Verify that the dimensions of the layer Color-135 polygon match the base/master reference polygon.

5. In the basement floor, color reference 135 polygon is not required.



Elevation Plan

Sn	Description	Base Layer
82.	• Height of the building shall be drawn as Line in color No. 151. NOTE – Elevation and section should be drawn in color 141, 'Base' layer • Minimum 2 elevations plans are required. Maximum 4 elevation plans are allowed. • **For every elevation plan, Color-244 polyline must be present for each applicable floor layer as per floor plan.** • The height of each Color-244 polyline must match the actual floor height. It must also match the corresponding floor plan height. • **Proper Text format:-** FRONT ELEVATION, REAR ELEVATION, SIDE01 ELEVATION, SIDE02 ELEVATION	FLOOR-GROUND FLOOR-STILT FLOOR-PODIUM FLOOR-GROUND-EX FLOOR-STILT-EX FLOOR-PODIUM-EX

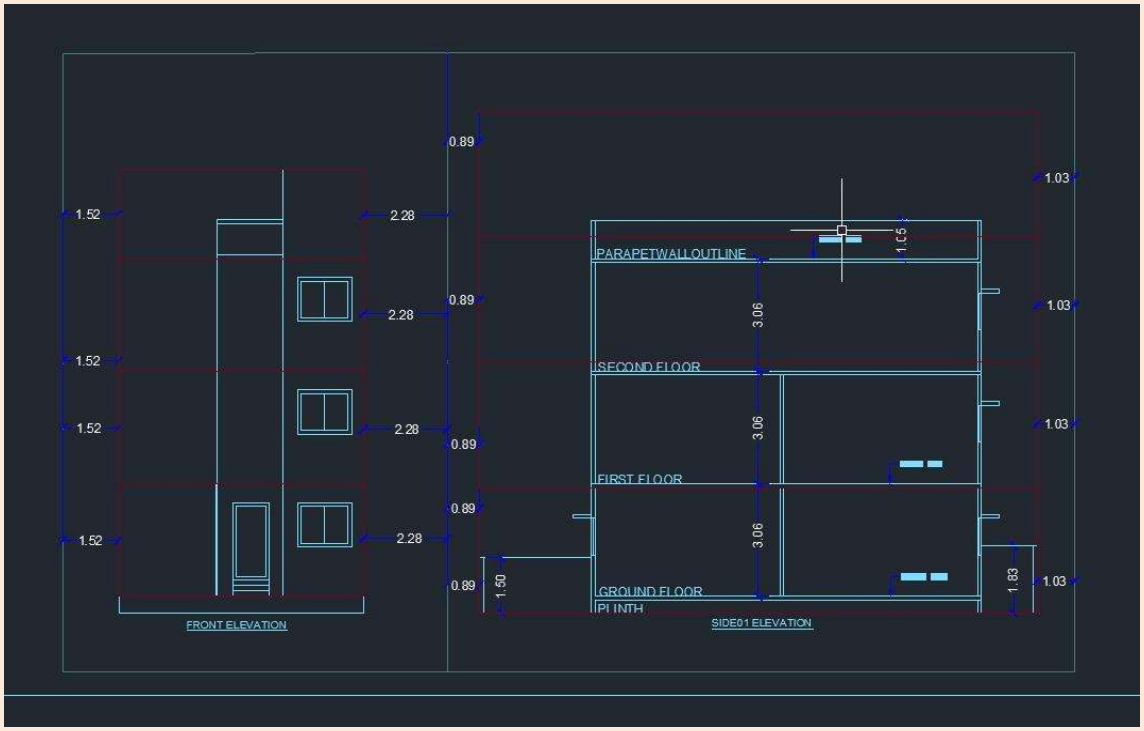


Image: Showing Elevation Front and side 1 elevation and colour 244

Elevation Reference Polyline

- **Ensure that the Elevation Plan accurately matches the corresponding Floor Plan.**

- **Reference Polyline (Color-135):** Ensure that a Color-135 reference polyline is present in every Elevation Plan and is placed on the Base Layer.
- **Reference Polyline:** The Color-135 reference polyline is used to calculate the width of the Elevation Plan. Therefore, ensure that the reference polyline is placed correctly and accurately.
- **Reference Polyline for Front and Rear Elevations:** The reference polyline in the Front and Rear Elevations should correspond to the same Floor Plan used in the Elevation Plan. If additional height is required, the height of the reference polyline can be increased accordingly.
- **SIDE01 & SIDE02 Elevation:** Use the same Floor Plan reference polyline, rotated according to the Elevation orientation.



Image: Shows the distance between the Color-244 and Color-135 reference polylines in the Elevation Plan.

FAR -Polyline text.

- The FAR polyline text should follow the below format according to the FAR polyline color:

FAR Polyline- Text

Sn	Polyline Text	Building Text
1	181	RESIDENTIAL
2	6	COMMERCIAL
3	122	EDUCATIONAL
4	33	INSTITUTIONAL
5	134	INDUSTRIAL
6	15	EWS/LIG

Example:

If the FAR polyline color is 181, the **FAR Polyline- Text** should be "RESIDENTIAL" and the text color should be Color-181 or 10.

1. **Multiplot – Plot Number Format**

In Multiplot, plot numbers matching from the DXF file and User Input must follow the same numbering format. For example, if the plot number given in the DXF is **03**, the User Input should also use **only "03"**, 03 ≠ 3, and vice versa. It will show a pre-check error if not so.

2. **Multisheet – Color -220**

For multisheet, all entities enclosed within each Color 220 polyline (and text same color) will be identified. The entities contained within each Color 220 polyline (and text same color)will be presented on a separate page in the drawing PDF. For SHEET Number– Text will be SHEET-0N and so on…
Example-

- For Sheet1-SHEET-01
- For Sheet2-SHEET-02
- For Sheet3-SHEET-03

3. Mechanical Parking – Color -213

If the text is placed inside a Color 213 polyline for Mechanical Parking, only the following values are allowed.

- For Level 1 - MP-LEVEL01
- For Level 2 - MP-LEVEL02
- For Level 3 - MP-LEVEL03

Only Three level are allowed.

FAR Polyline – EX Layer

- If a FAR polyline is present in the EX Layer, the area under that FAR polyline should be calculated.
- The calculated area should be written as text inside the respective FAR polyline using the corresponding FAR color.("Example: EX-FAR-AREA = 125.50")



Image : showing EX-FAR-AREA TEXT