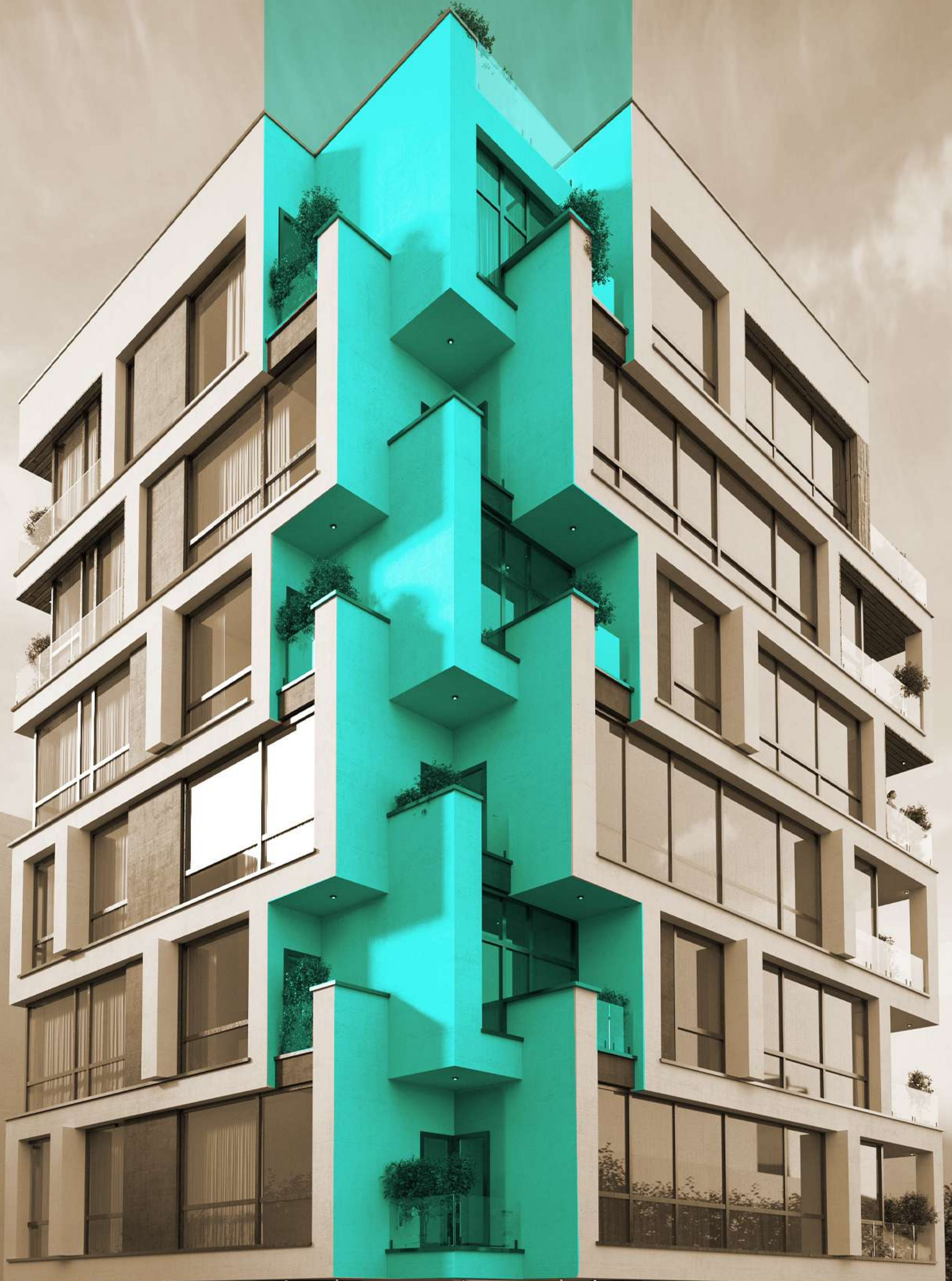


ARCHITECTURAL  
CONCEPTUAL  
DRAWING

2024

**ORKIDEH**  
Residential

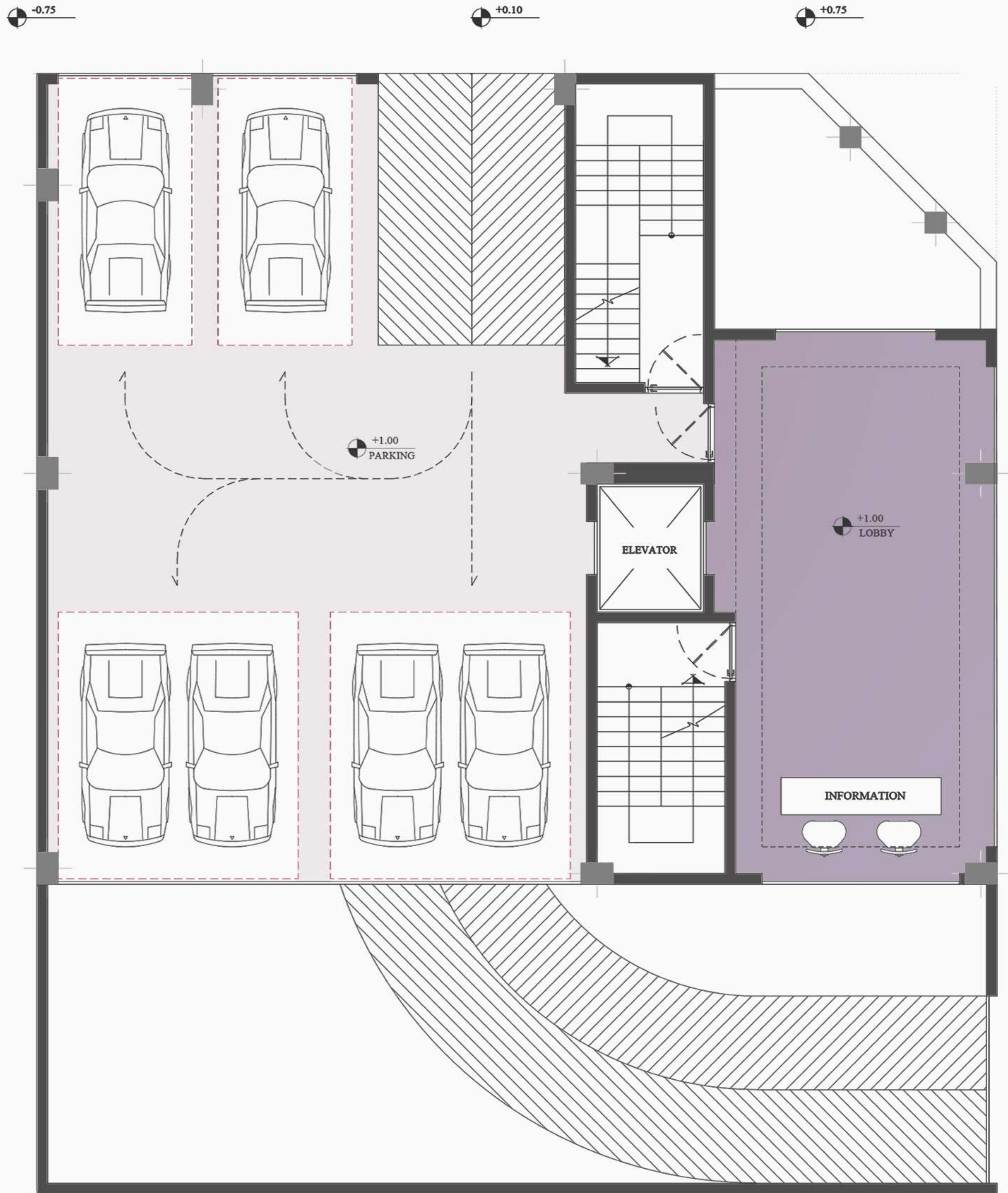
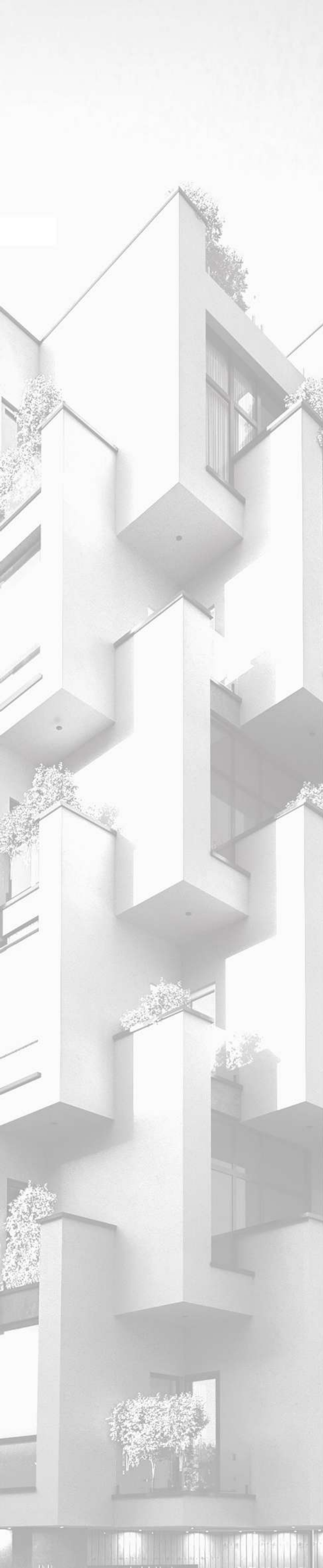


No. 167

ORKIDEH  
Residential

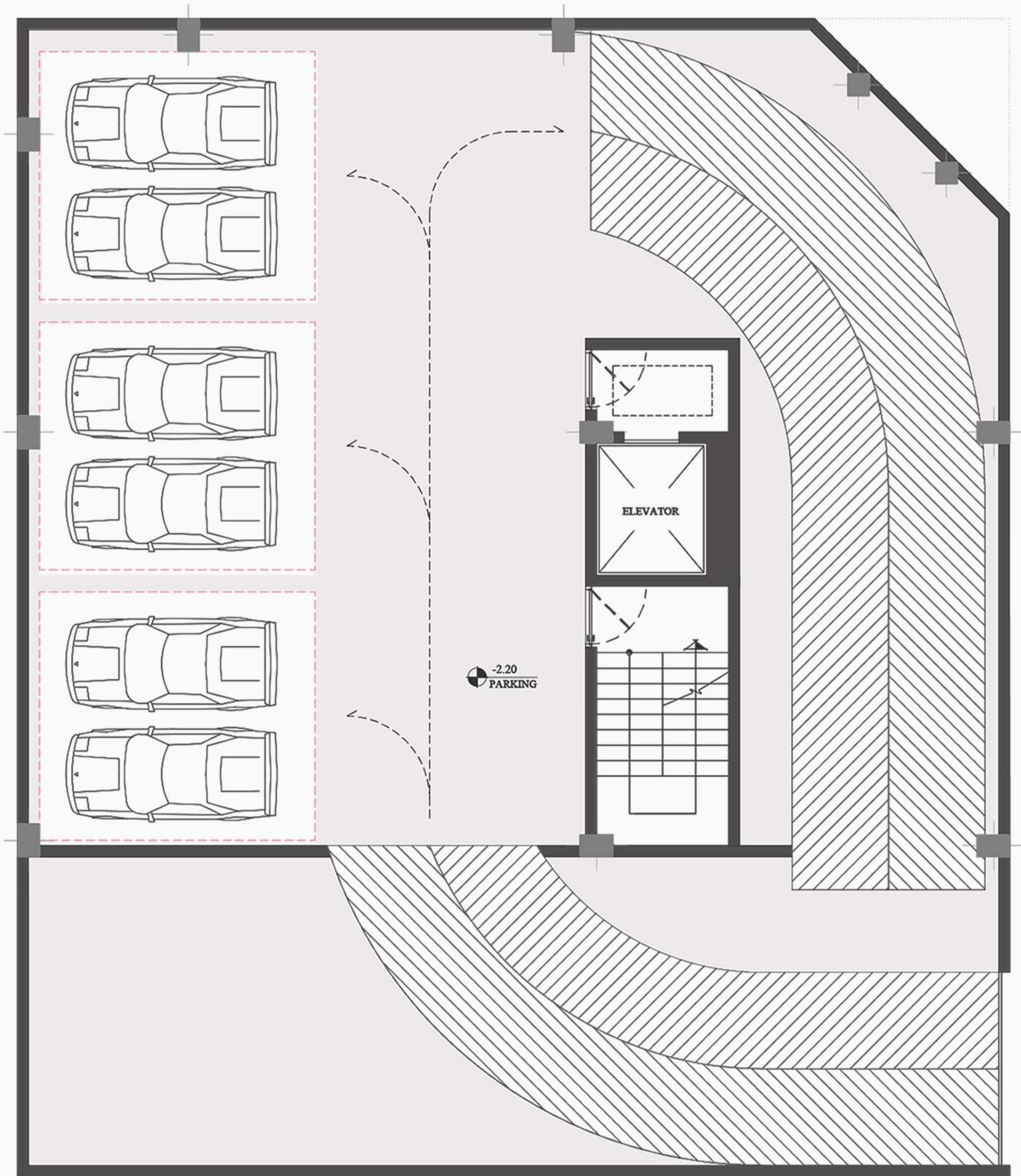
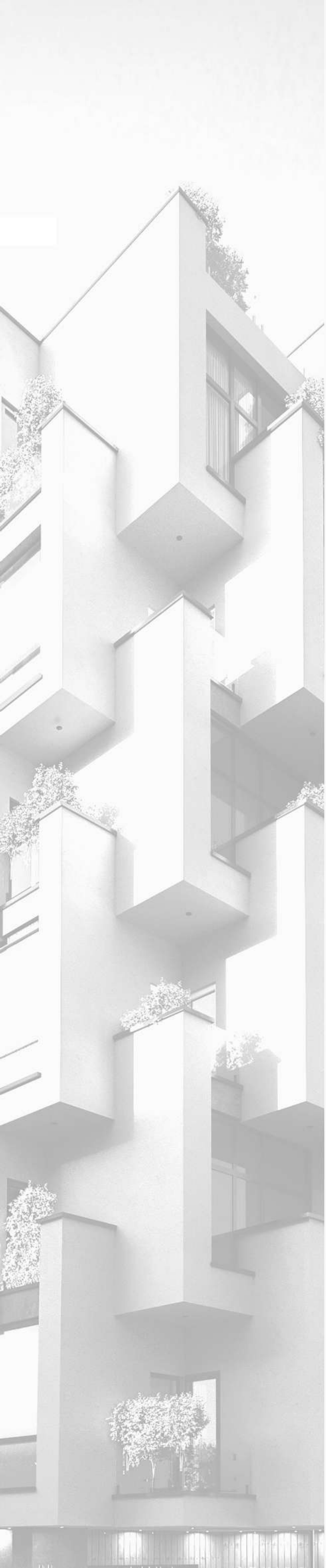






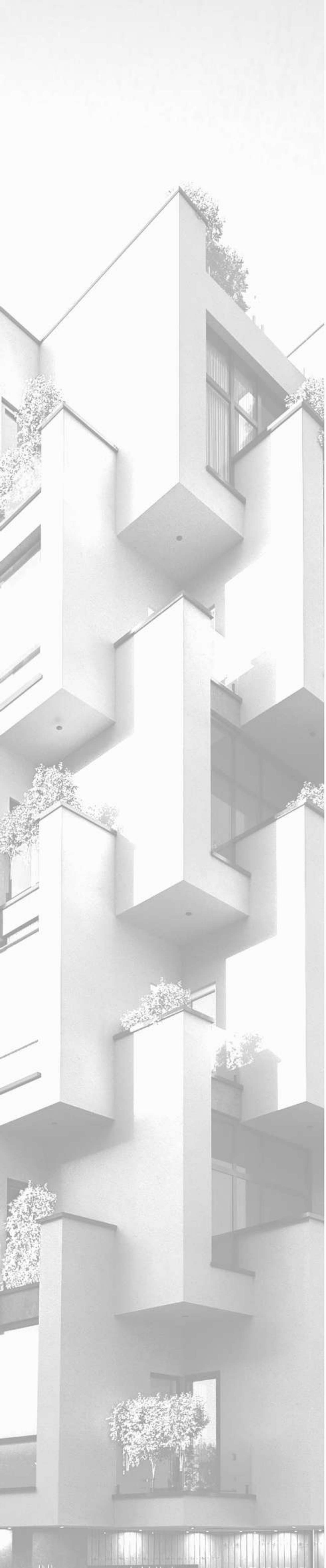
GR  
FLOOR  
Parking Lots 6





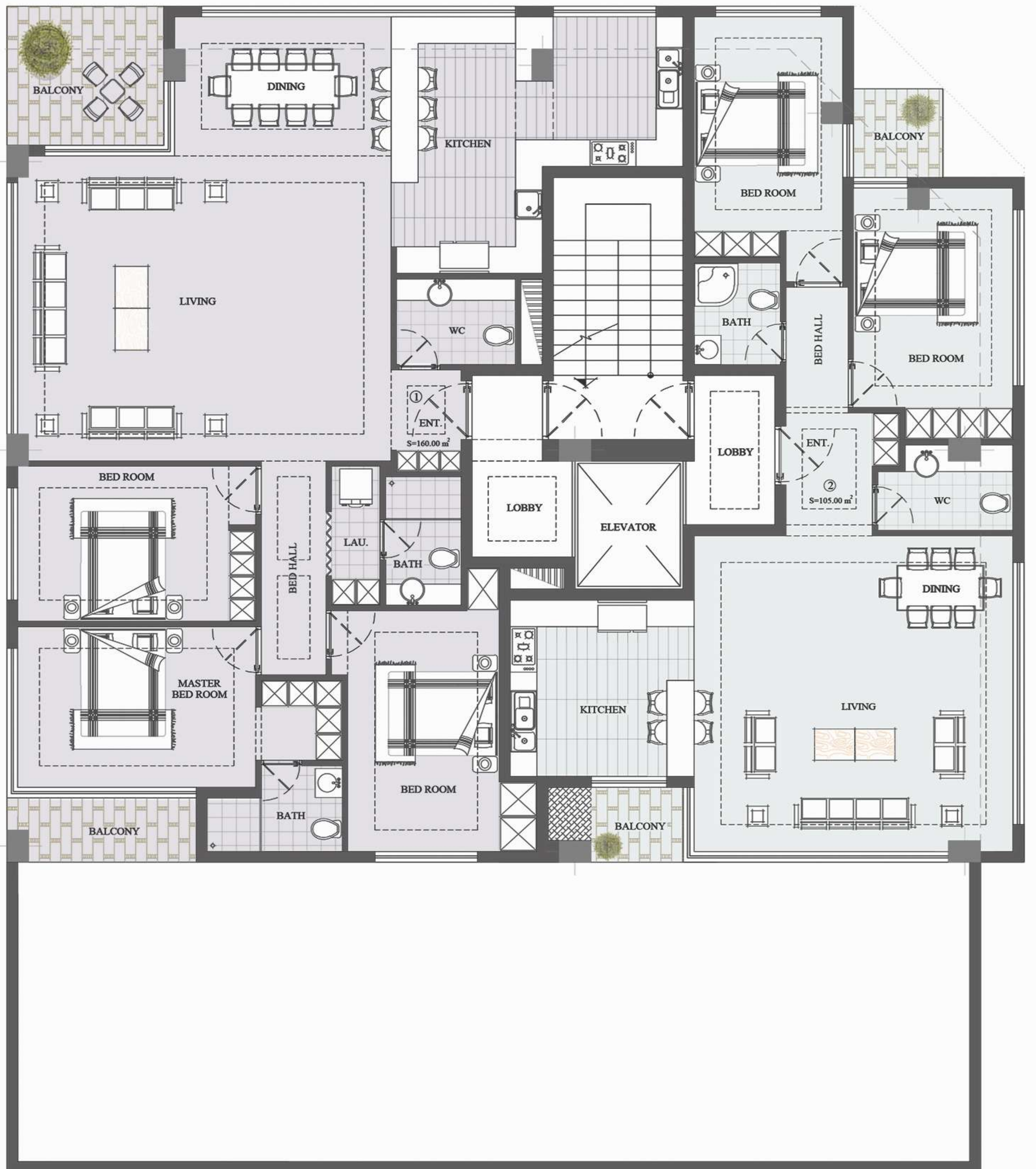
- 1  
FLOOR  
Parking Lots 6





- 2  
FLOOR  
Parking Lots 8



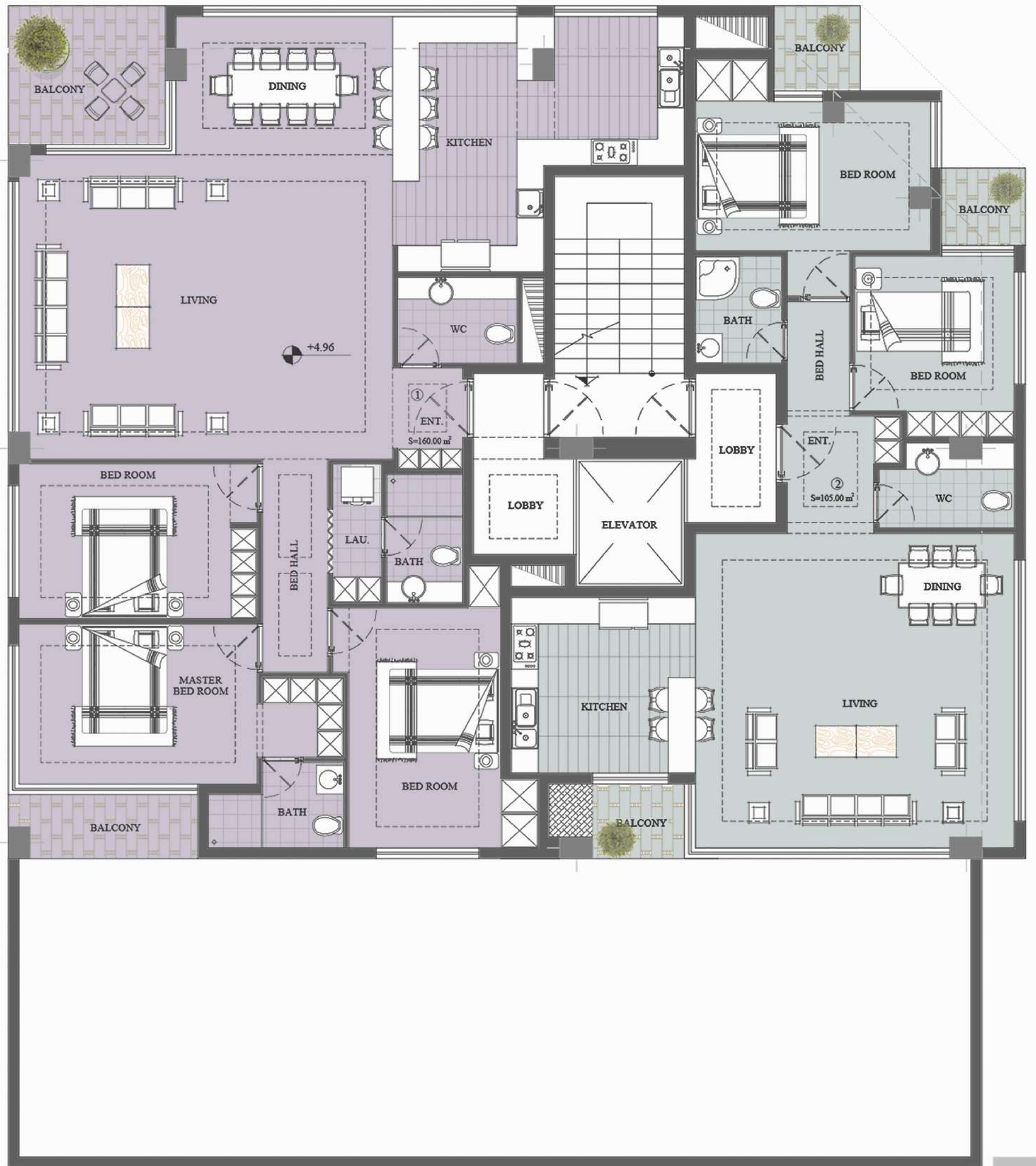


1st & 3rd  
**FLOOR**

Ent 1 : 160.00 m<sup>2</sup>

Ent 2 : 105.00 m<sup>2</sup>

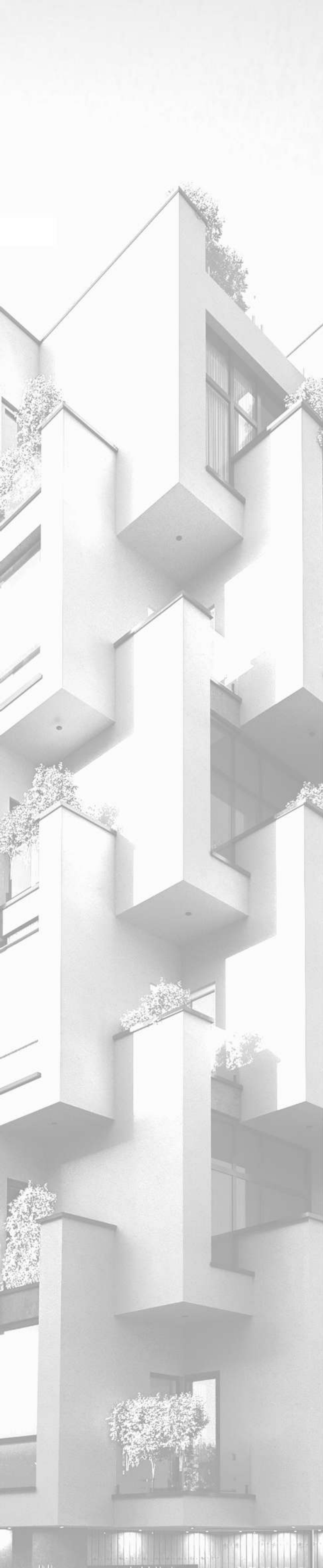




2nd & 4th  
FLOOR

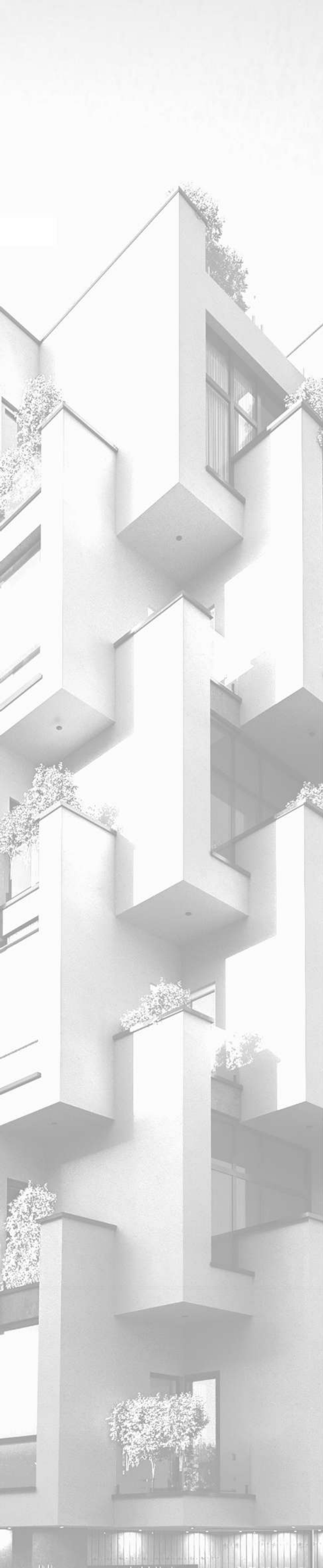
Ent 1 : 160.00 m<sup>2</sup>  
Ent 2 : 105.00 m<sup>2</sup>





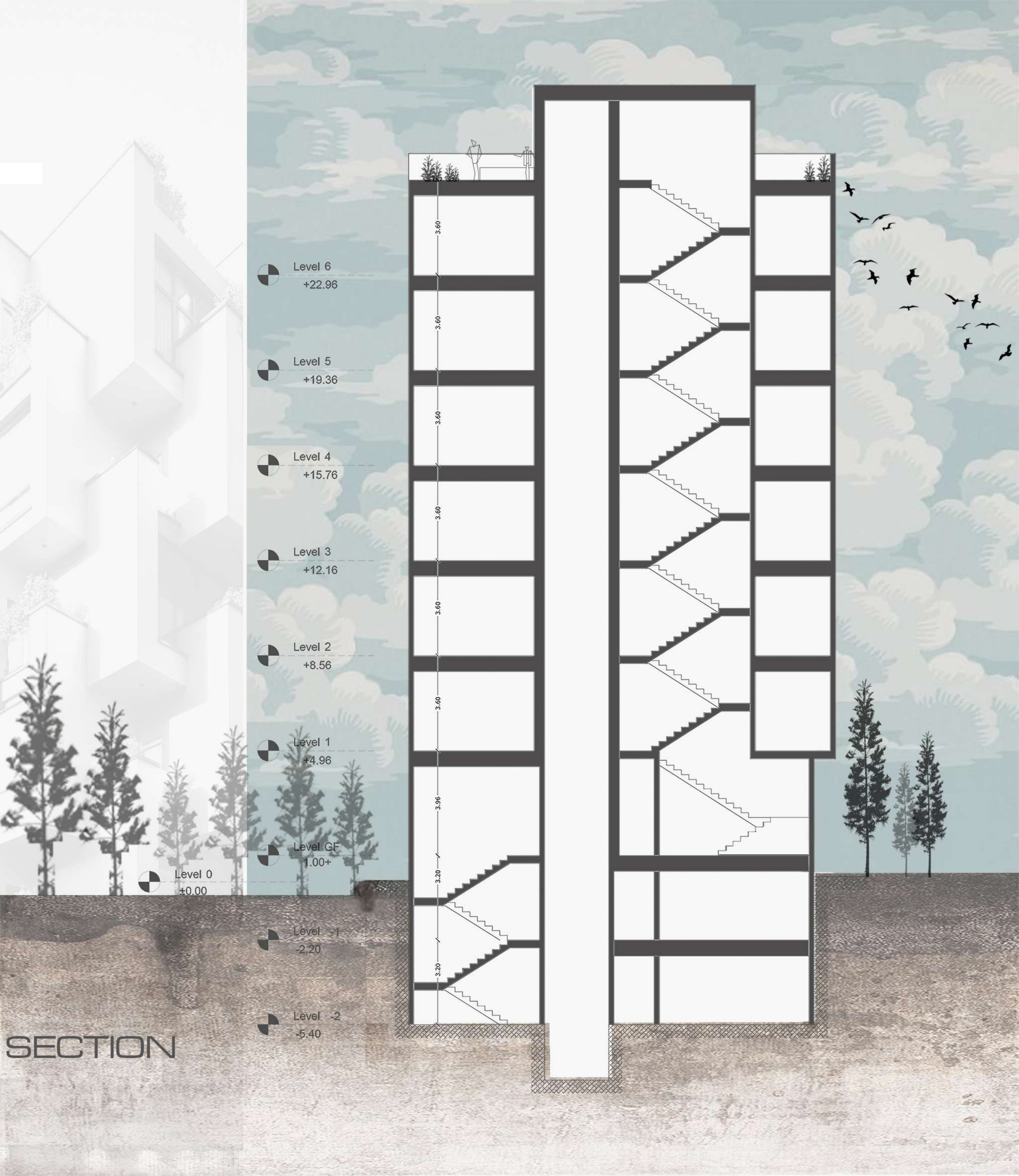
5<sup>th</sup>  
FLOOR  
Ent : 268.50 m<sup>2</sup>





6<sup>th</sup>  
FLOOR  
Ent : 268.50 m<sup>2</sup>





Level 6  
+22.96

Level 5  
+19.36

Level 4  
+15.76

Level 3  
+12.16

Level 2  
+8.56

Level 1  
+4.96

Level GF  
1.00+

Level 0  
+0.00

Level -1  
-2.20

Level -2  
-5.40

# SECTION



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# Northeast view



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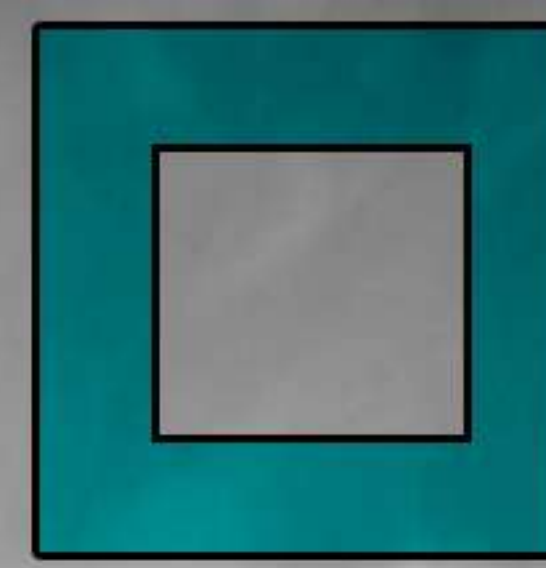
No. 167

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ARCHITECTURAL

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Loop Shape



No. 167

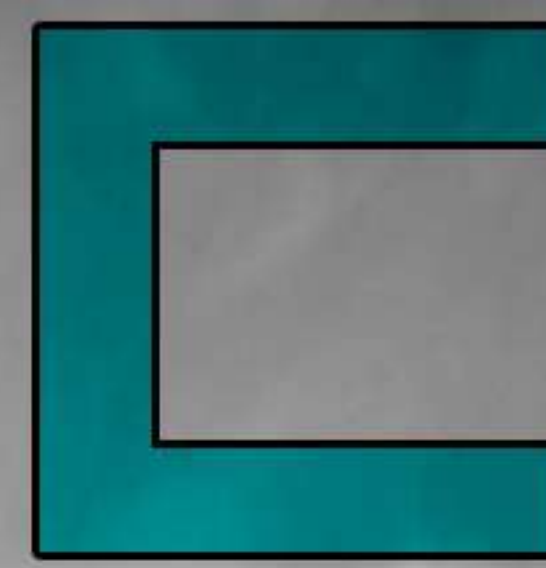
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ARCHITECTURAL

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U Shape



No. 167

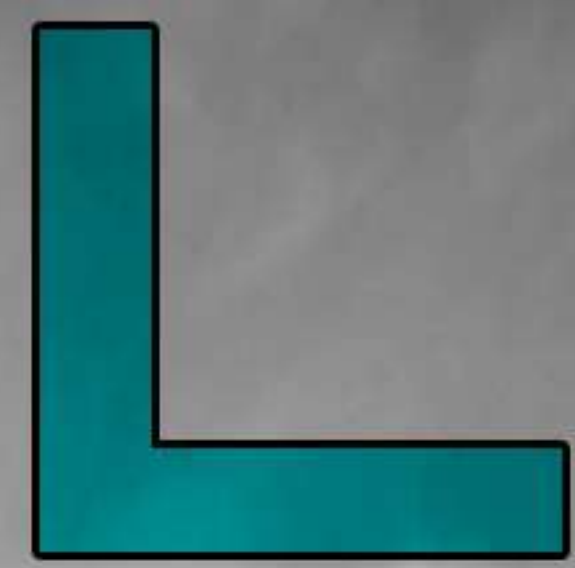
ORKIDEH Residential





ARCHITECTURAL

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L Shape

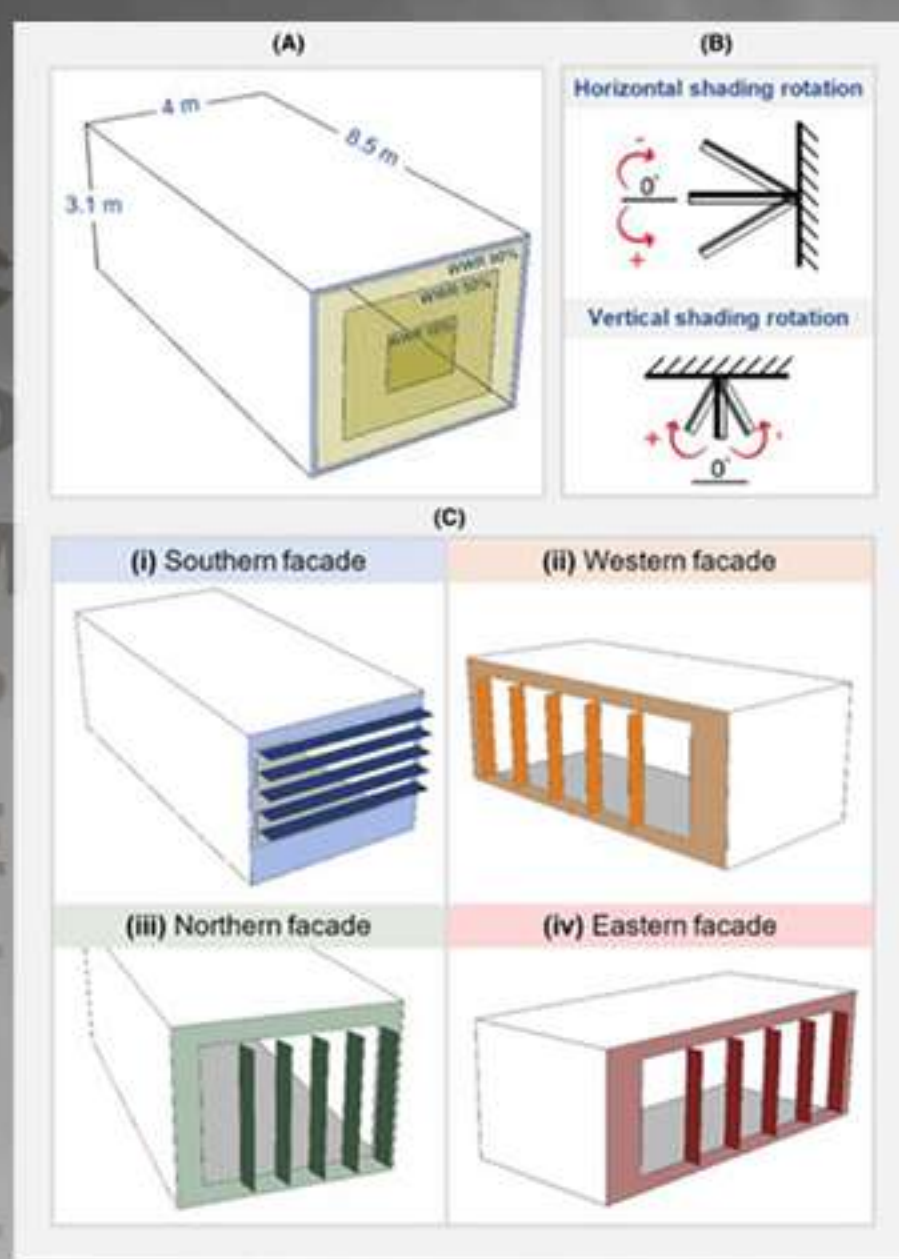


No. 167

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i Shape

investigated the influence of loggia vertical walls on the air change rate at various wind angles ( $0^{\circ}$ – $180^{\circ}$ ) in Corsica, France (Mediterranean climate). One of the objectives of this study was to investigate the behavior of vertical wind shading devices on the cross-ventilation with different wind directions. Cui et al. [119] found that loggia walls reduced the air change rate by 27 %, except at a wind direction ( $40^{\circ}$ ), where a vortex flowed into the opening through the loggia. As shown in Fig. 18, even when an awning window was installed rather than a simple rectangular opening shape in the present study, the vertical shading devices had a similar impact on the indoor ventilation rate with various wind angles. The vertical shadings in the present study could reduce the ventilation rate compared to that in the non-shading scenario. However, this negative effect was also eliminated when the wind direction was approximately  $45^{\circ}$ , resulting in an improved ventilation rate of 18.5 %.



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# Northwest view

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# Southeast view





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COMPLETION

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ARCHITECTURE

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ARCHITECTURAL



ORKIDEH  
RESIDENTIAL



ARCHITECT  
INSTITUTE  
OF  
ARTS  
AND  
SCIENCE



ORKIDEH  
RESIDENTIAL





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Roof garden



ARCHITECTURAL

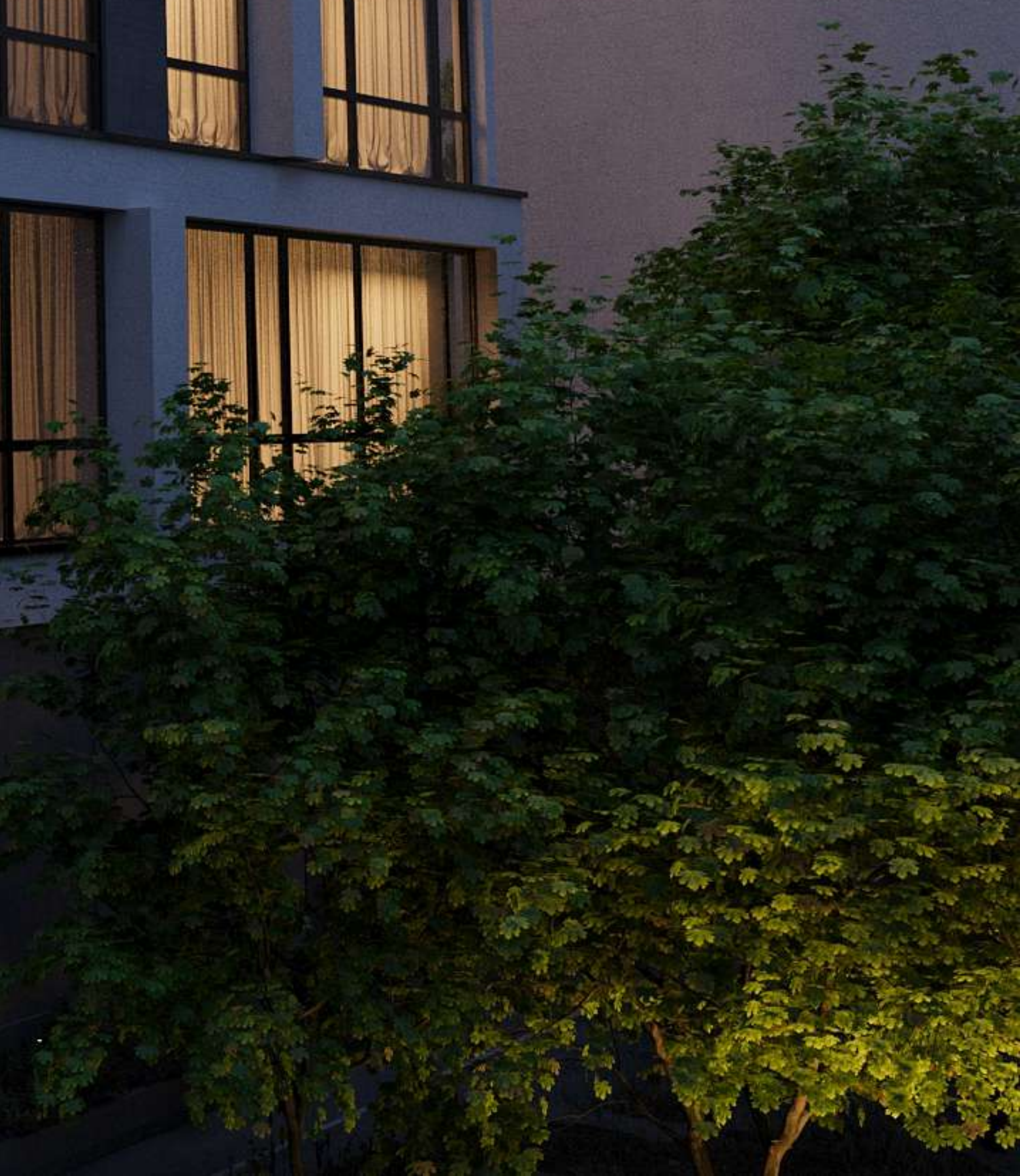
2024





ARCHITECTURAL

2024





ARCHITECTURAL  
2024





ARCHITECTURAL

2024





ARCHITECTURAL  
COMPETITION

2024



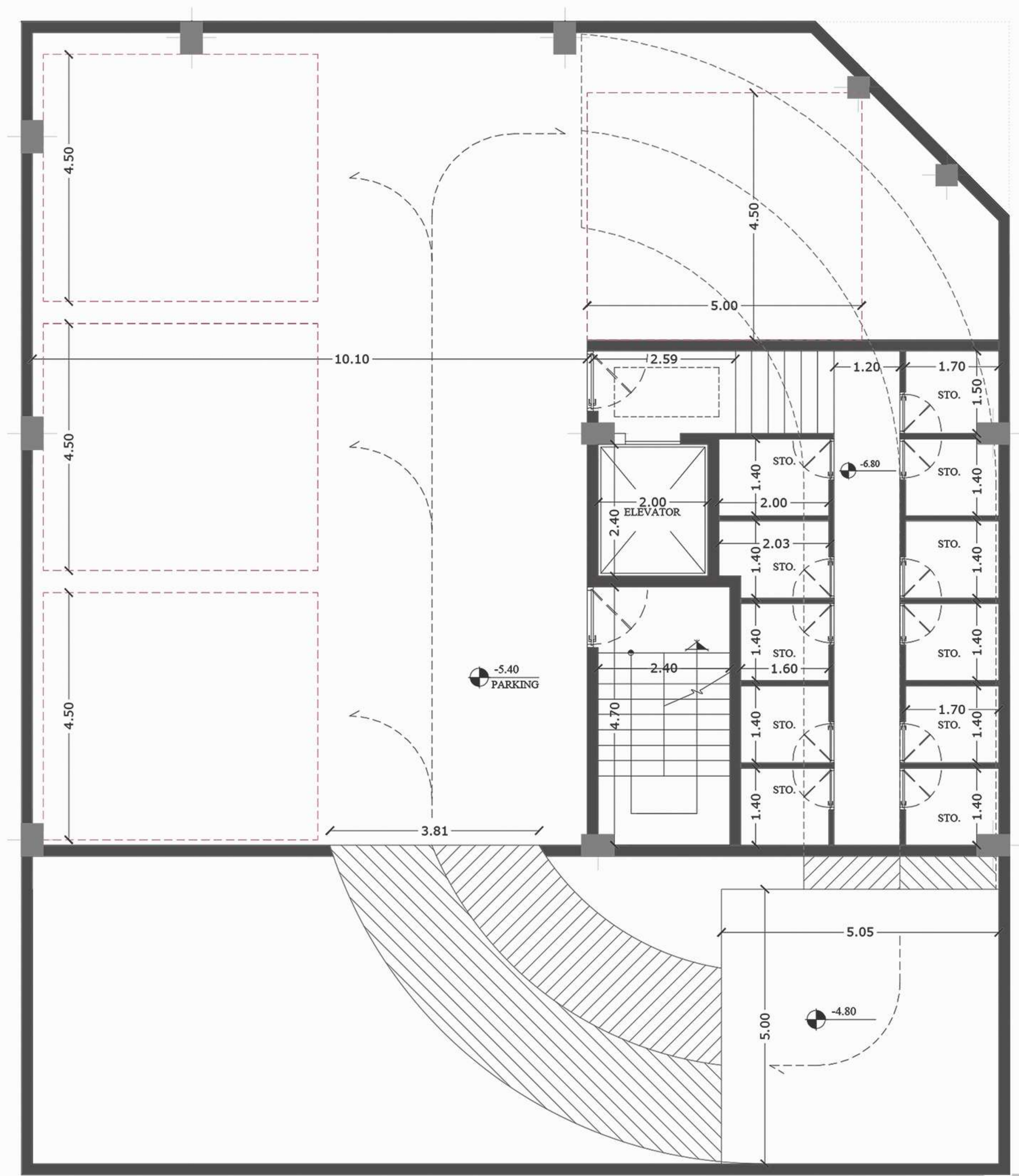


ARCHITECTURAL

2024

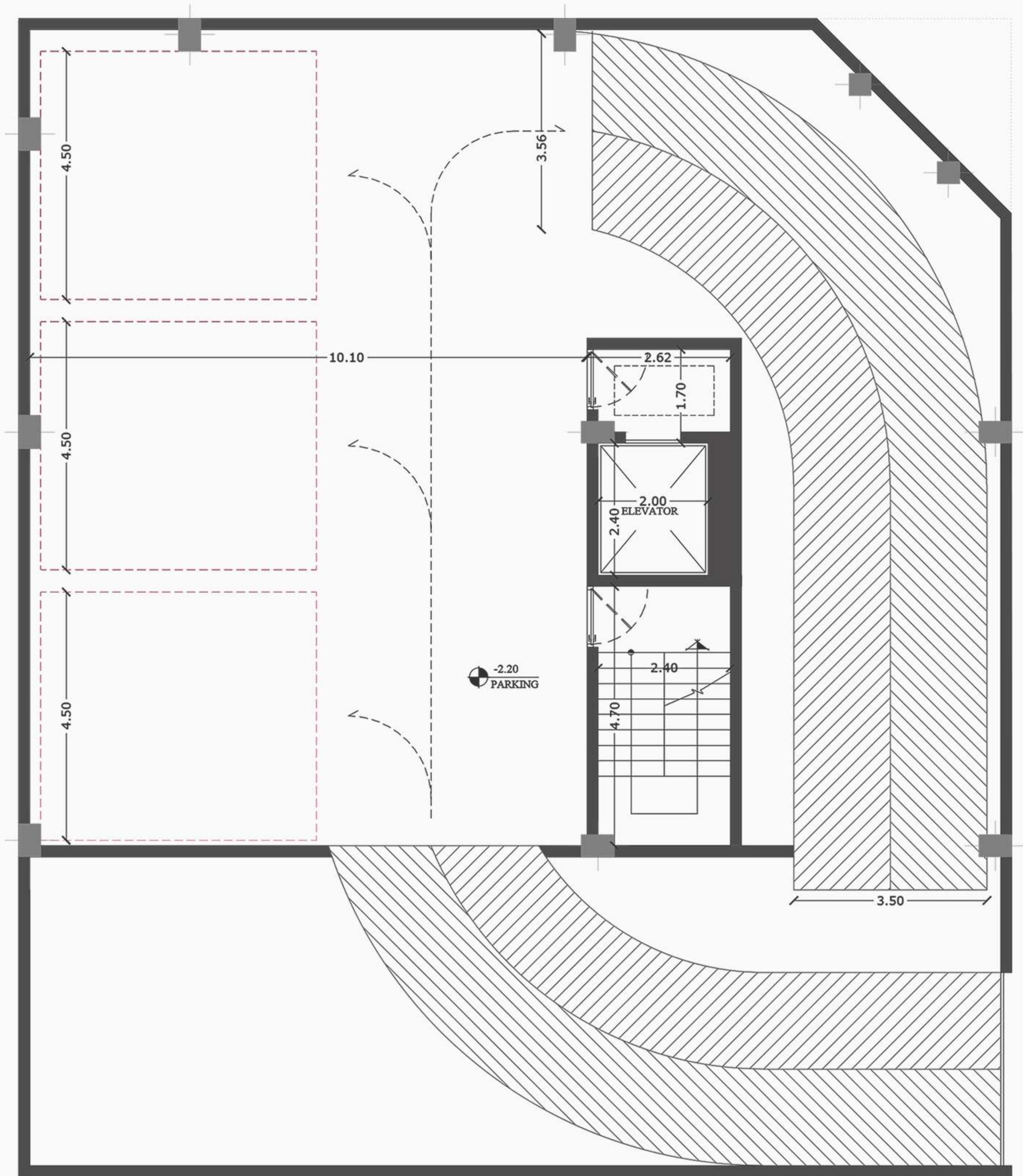






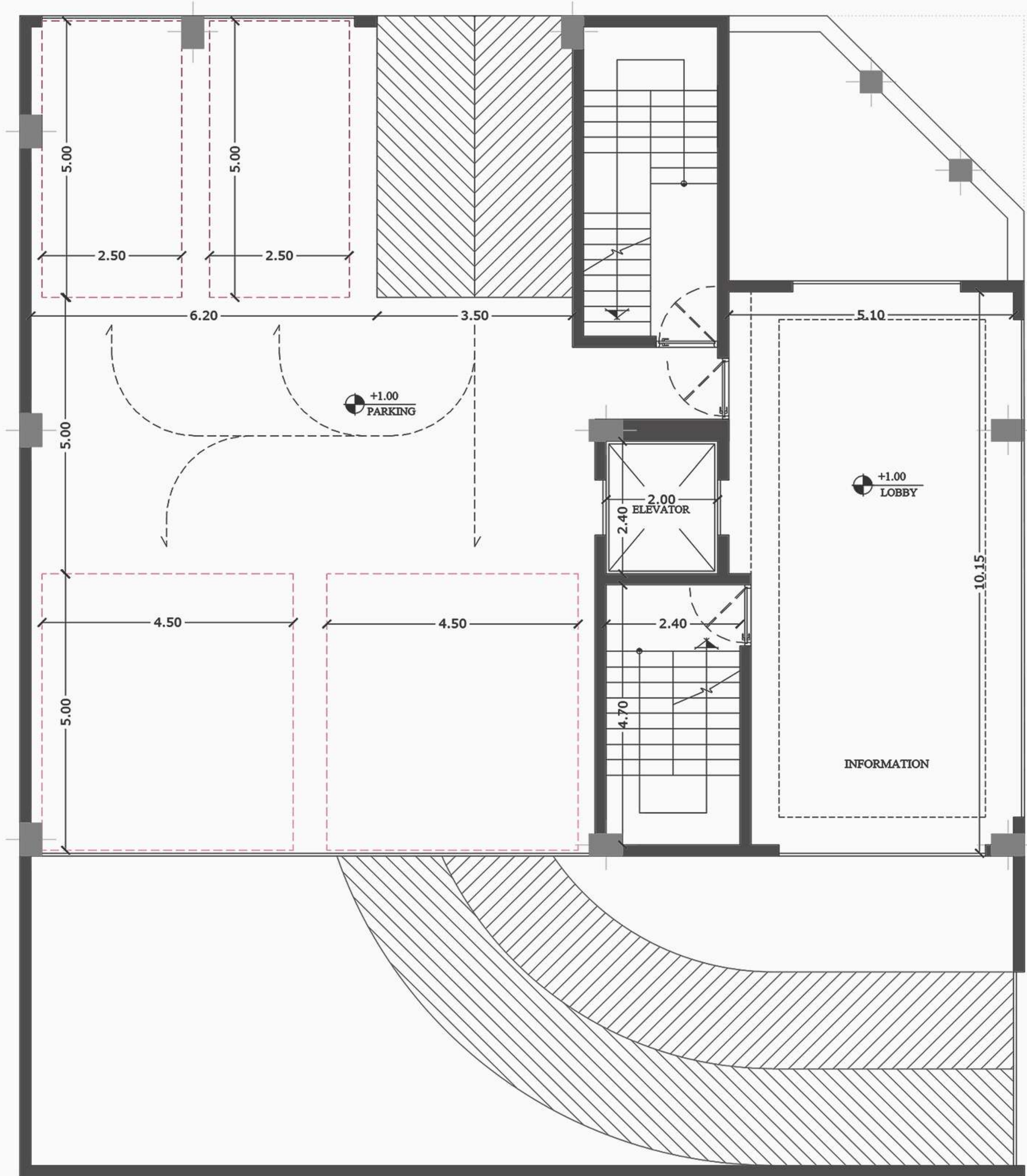
- 2 Dim  
FLOOR  
Parking Lots 8





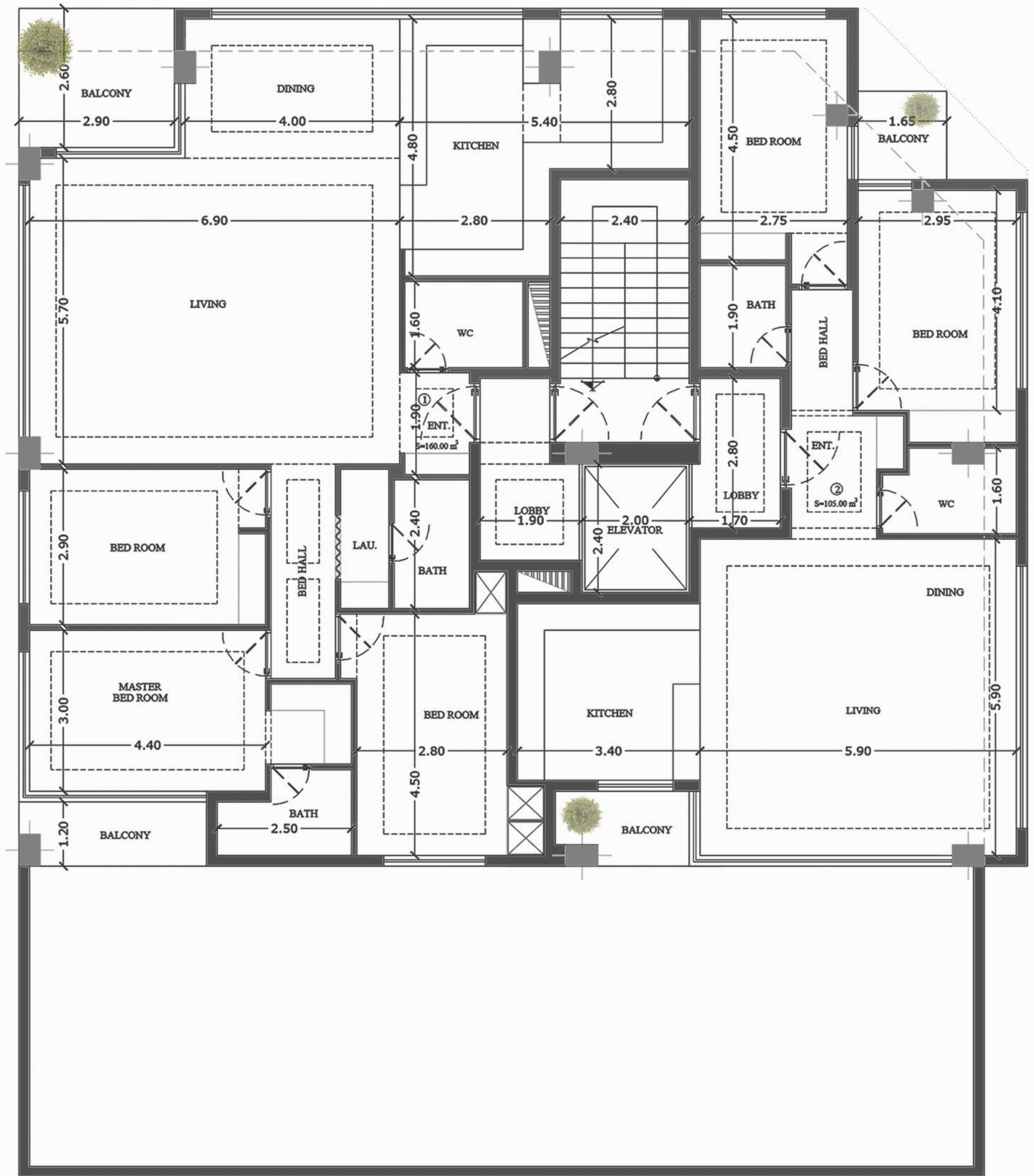
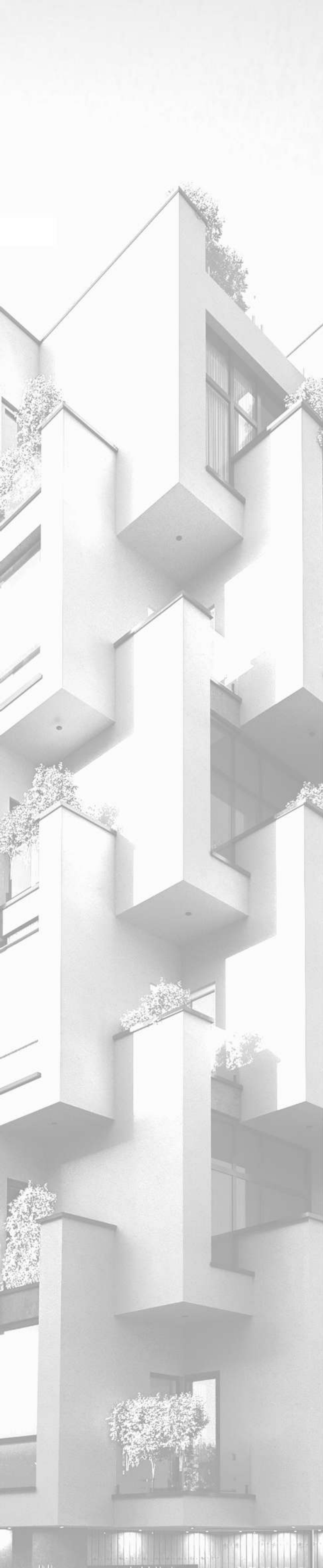
- 1 Dim  
FLOOR  
Parking Lots 6





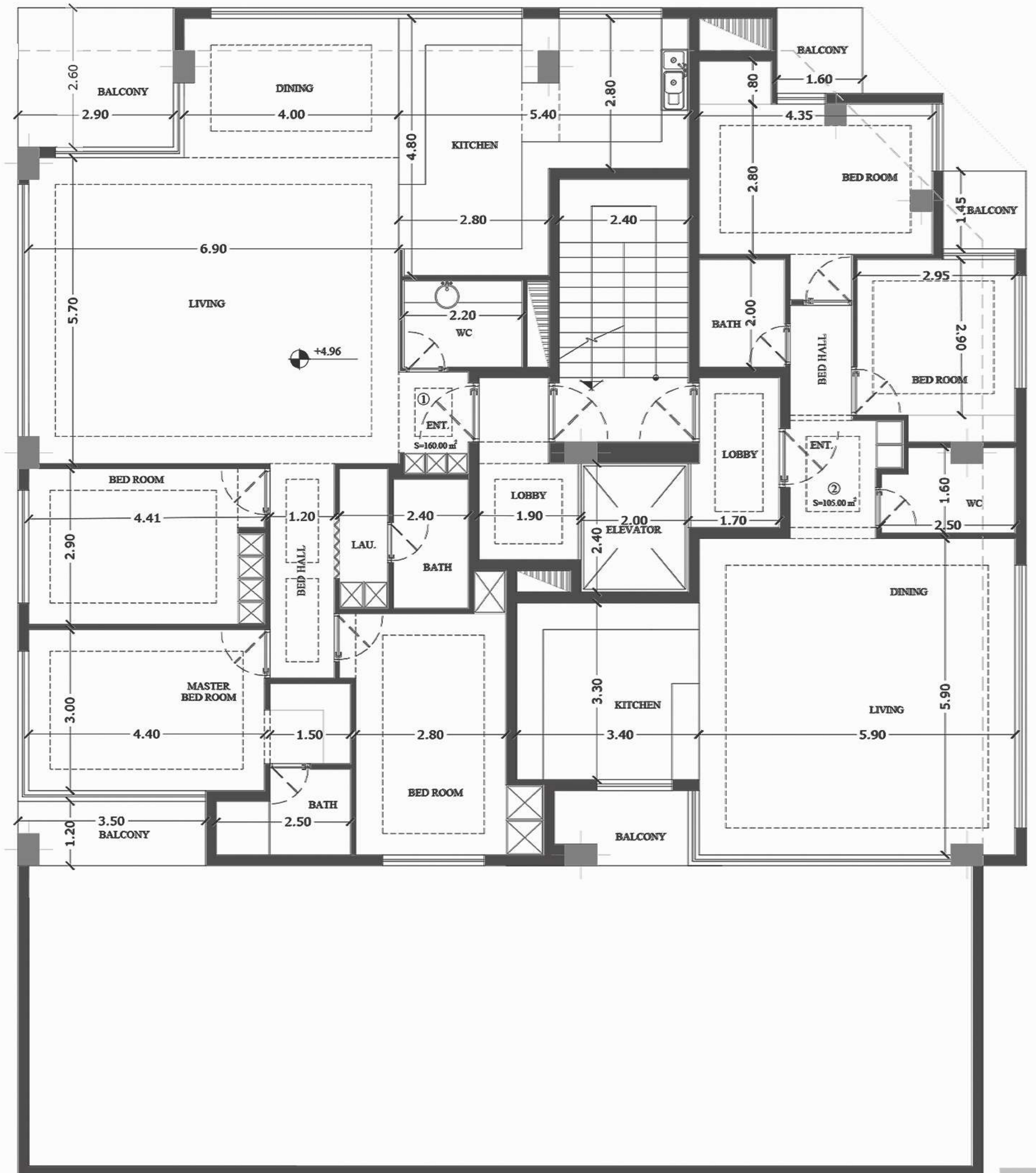
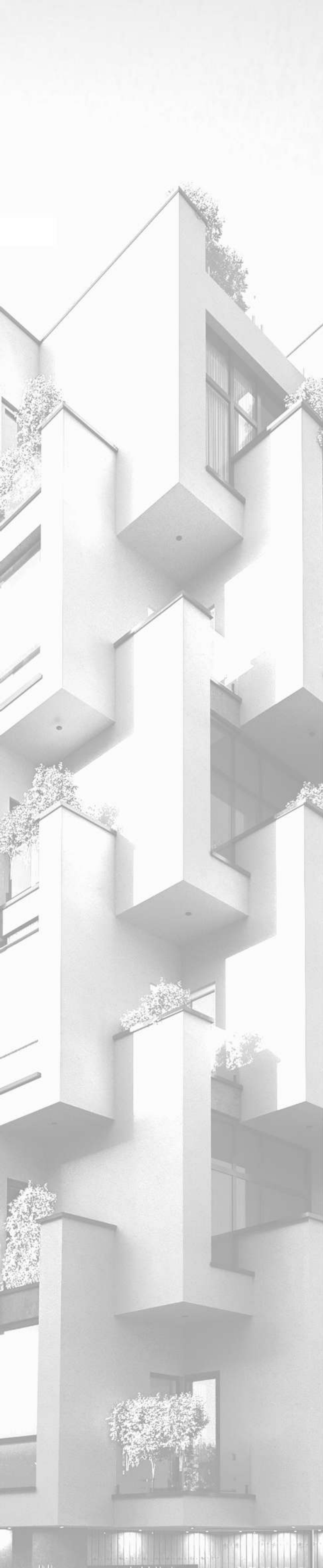
GR<sup>Dim</sup>  
FLOOR  
Parking Lots 6





1 st & 3 rd  
 FLOOR Dim  
 Ent 1 : 160.00 m<sup>2</sup>  
 Ent 2 : 105.00 m<sup>2</sup>



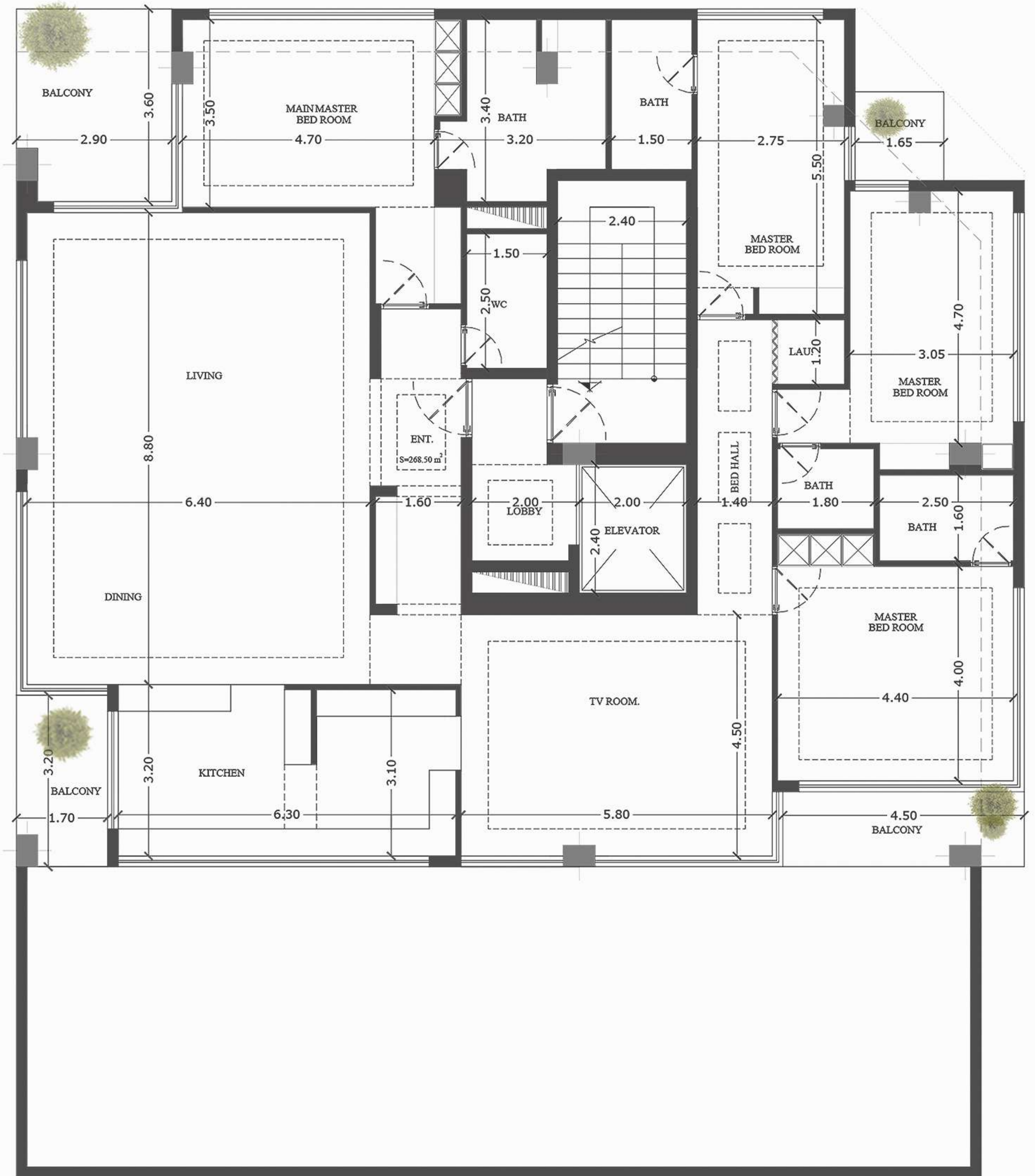
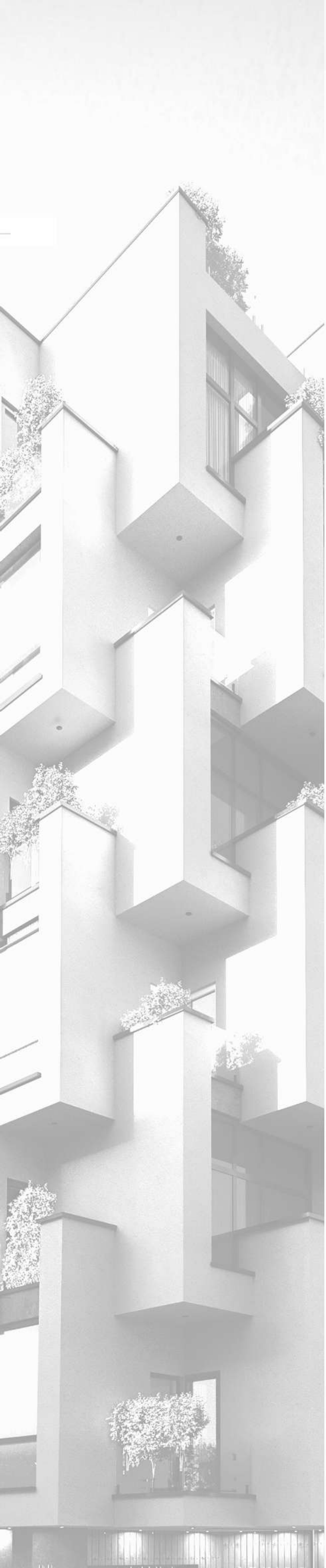


2nd & 4th  
FLOOR<sub>Dim</sub>

Ent 1 : 160.00 m<sup>2</sup>

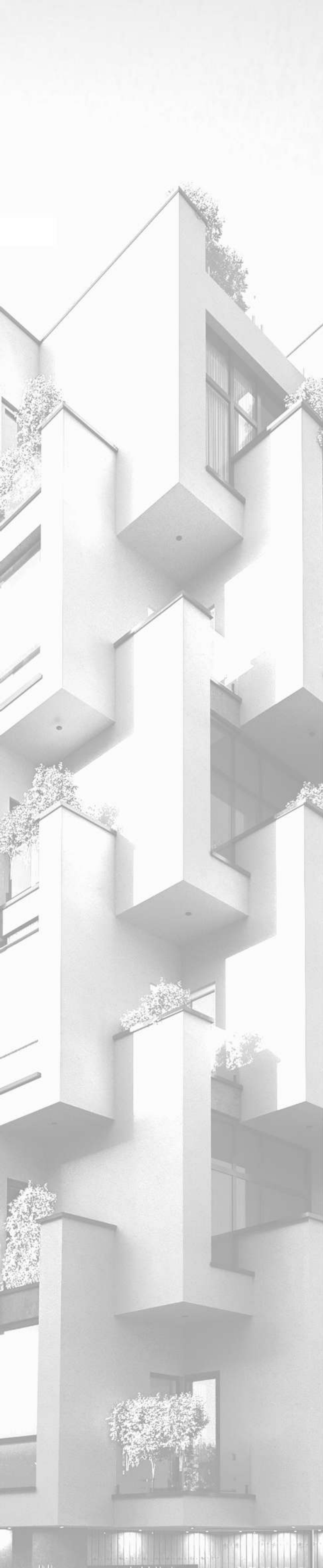
Ent 2 : 105.00 m<sup>2</sup>





**5<sup>th</sup>**  
**FLOOR** Dim  
Ent : 268.50 m<sup>2</sup>





**6<sup>th</sup>**  
**FLOOR** Dim  
Ent : 268.50 m<sup>2</sup>