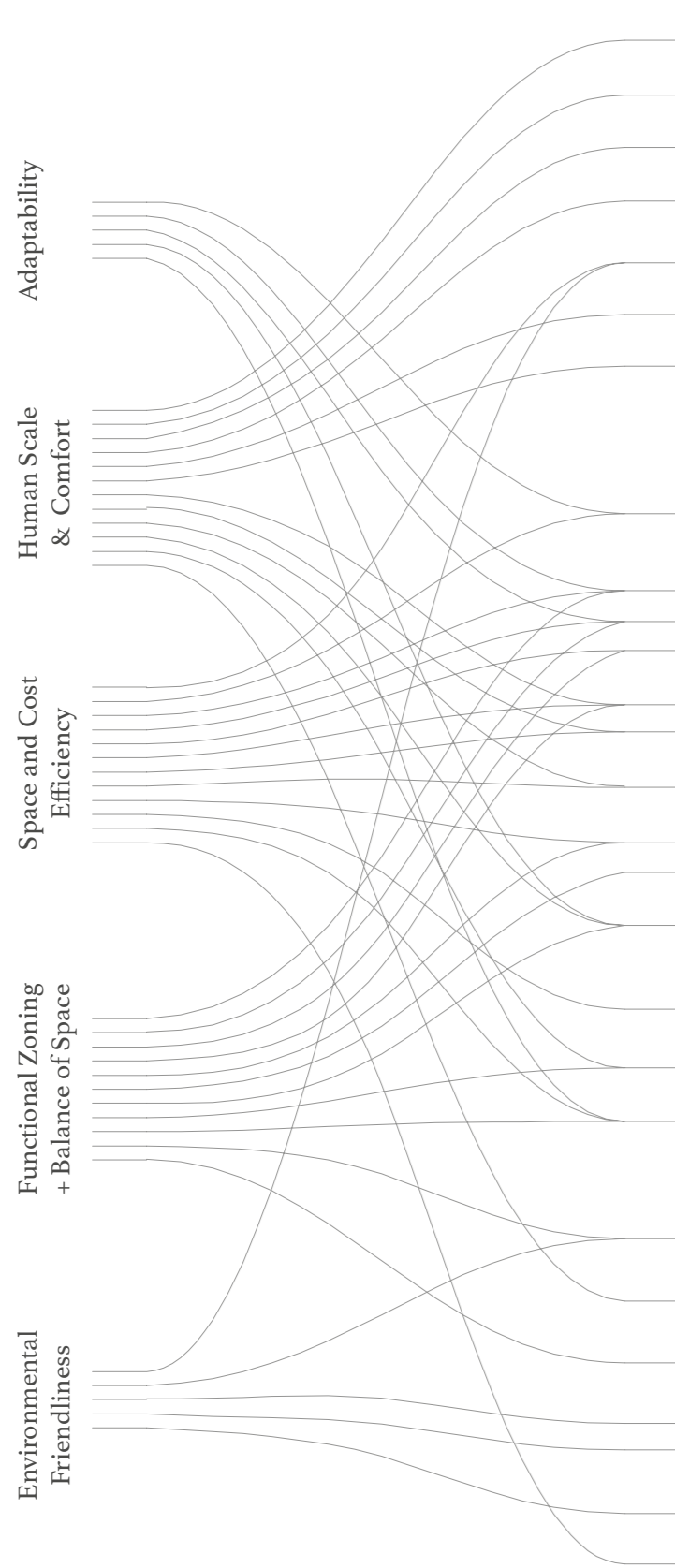


Conversing Courts





- 1.0 Romantic Elevation**
- 1.1 Composition of solid and void - in the form of double volume courts break the monotony of the conventional stacking of apartments.
 - 1.2 The proportionate curved sun rooms - make the building aesthetically appealing.
 - 1.3 Visual scale is reduced - by the double height-ed elements of the facade
 - 1.4 Holistic elevation approach regardless of the type or size of apartments
 - 1.5 Fair face concrete as the facade option makes the building maintenance free.
 - 1.6 Pigmented concrete used at the limited surfaces of collective facilities providing each building with the identity.
 - 1.7 Vertical concrete fins with glass facade provide collective facilities with unique language.

- 2.0 Classic Plan**
- 2.1 Area of apartment remains same in with the help of complementing play of sun rooms projecting outside or inside for alternate floor.
 - 2.2 Flexible layout with semi-fixed internal partition.
 - 2.3 Clustered wet area help easy alteration in toilets and kitchen
 - 2.4 No dedicated circulation in apartments provide maximum space efficiency.
 - 2.5 Curved internal sun room allow easy corner movement.
 - 2.6 Shorter common lobbies are planned for least travel distance from centrally planned core.
 - 2.7 The service shafts are all aligned with the common corridor for easy maintenance and construction.
 - 2.8 The walk-in closets are integrated in the large size apartments
 - 2.9 The kitchen and dining extends into the living room, as a single space making the layout flexible
 - 2.10 The loop circulation for a smaller family is possible by connecting bedroom with living room at two ends, making the movement more convenient.
 - 2.11 Rectangular outer periphery of the building and linear internal corridor make the building construction and area efficient.
 - 2.12 The Corner apartments enjoy corner sunrooms with 2 sides orientation
 - 2.13 Simple rectangular plans with no offsets and no dedicated passage.

- 3.0 Rational Section**
- 3.1 Single volume living spaces extends to semi-open courts with double height-ed volumes.
 - 3.2 The volume of ground floor carrying the collective facilities in each building is made 4.5m high.
 - 3.3 The entry to all the buildings are double height-ed, making the interface more welcoming.
 - 3.4 Climate control screen alternative can be easily adapted.
 - 3.6 Full height-ed Windows allow deeper sun light and higher sky exposure.
 - 3.7 The kitchen, dining and vestibule are indirectly exposed to natural light and ventilation.
 - 3.8 Entrance foyer to each building continue from street side to courtyards.

- 1.1
- 1.2
- 1.3
- 1.4
- 1.5
- 1.6
- 2.1
- 2.13
- 3.6
- 3.7
- 3.8



- 2.4
- 2.5
- 2.6
- 2.7
- 2.8
- 2.9
- 2.10
- 3.6
- 3.7



- 2.11
- 2.12
- 2.13
- 3.1
- 3.2
- 3.3
- 3.4
- 3.6
- 3.7
- 3.8





Court, *Noun* - an open space enclosed wholly or partly by buildings or circumscribed by a single building.

'Conversing courts' enhance the community living by encouraging interaction 'amongst users across the facade' and 'between user and the nature (ground and sky)' through the interface of sun-rooms.

Romantic Elevation

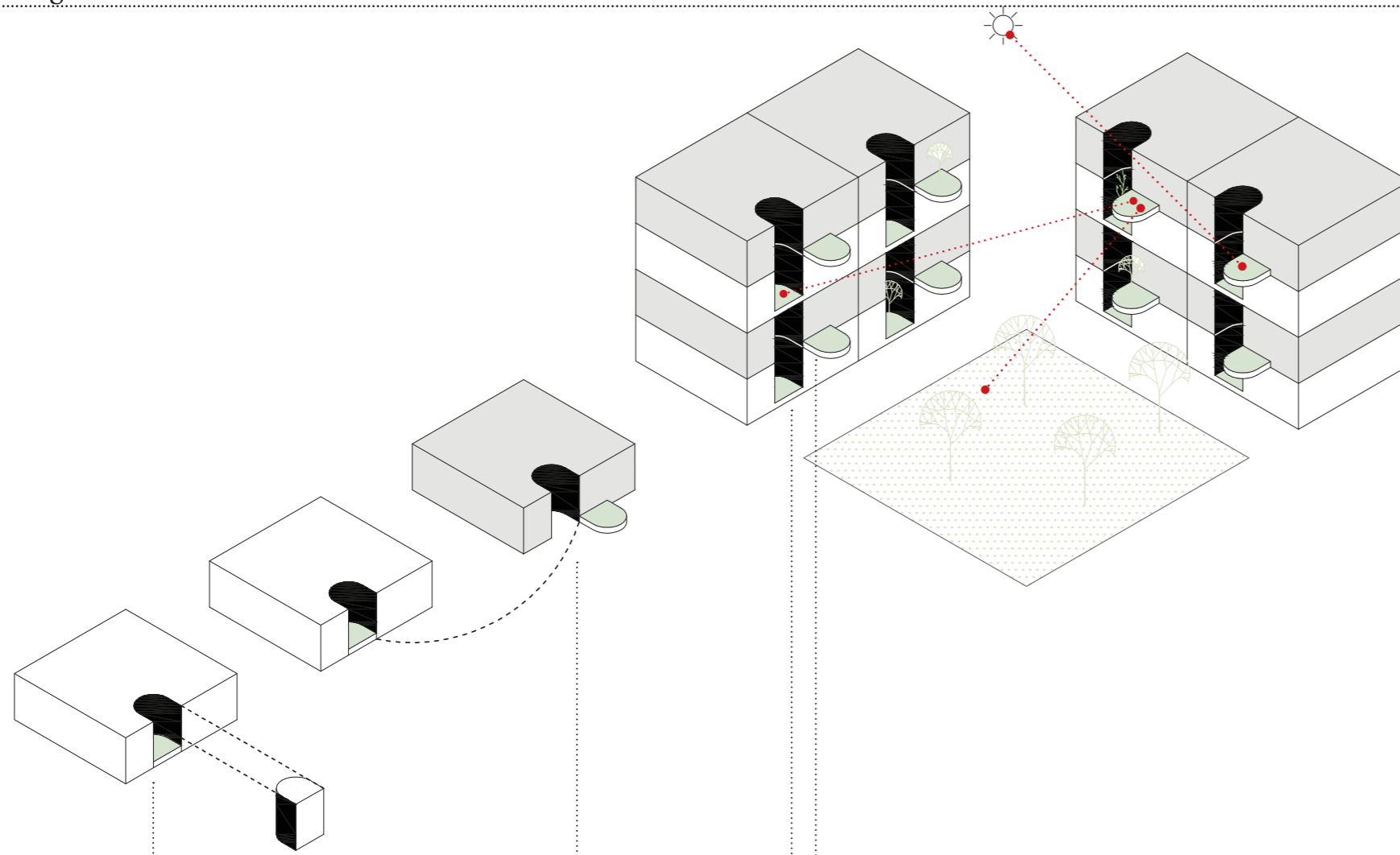
Composition of solid and void, in the form of double volume courts break the monotony of the conventional stacking of apartments. The double height-ed elements reduces visual scale of the building and promote interaction. Larger facades have developed a 'texture' by this playful integration of depression and projections of the sun-rooms. The curved shadows make the texture dynamic with the movement of sun. Regardless of the type or size of apartments a common elevation language is followed in all the buildings by appropriating the composition of courts for each prototype.

Classic Plan

With the effective integration of circulation layout, there is no dedicated corridor inside any of the apartments achieving maximum space efficiency. The kitchen and dining extends into the living room, as a single space. This ensures the flexibility in layout and allow window exposure to every interior space. The apartment layouts allow the loop circulation for a smaller family connecting bedroom with living room at both the ends, making the movement more convenient. To ensure the double-height volumes to each court, two stacking-prototype alternatives of each apartment is developed, complementing each other.

Rational Section

Single volume living spaces extends to semi-open courts with double height-ed volumes. Floor to ceiling high windows allow deeper reach of sunlight in the apartment. The volume of ground floor carrying the collective facilities in each building is made 4.5m high. The entry to all the buildings are triple height-ed, making the interface more welcoming.



Stack-prototype-1 with double height-ed sun-room recessed inside enjoyed by 3 spaces, bedroom study and living room.

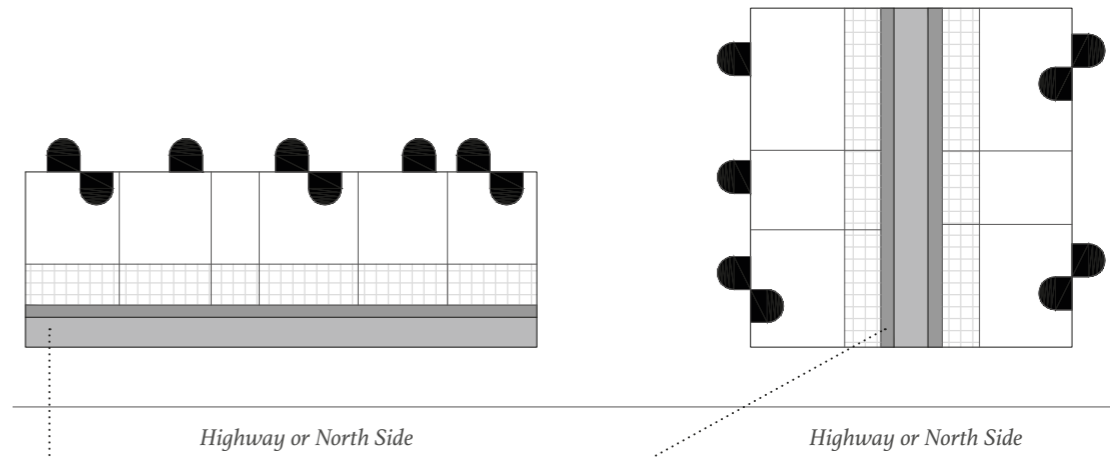
Stack-prototype-2 has living spaces extending to double height-ed sun-room projecting out. (Derived from same Stack-prototype-1)

Stacking of both the prototypes complementing each other with double height-ed sun rooms.

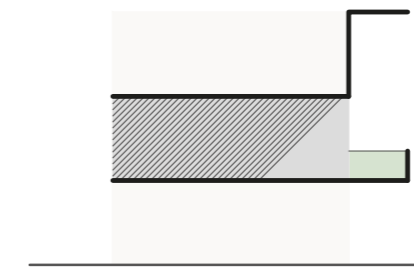
Playful integration of courts encourage interaction 'amongst users' and 'between user and the nature (ground and sky)'

Orientation
Gallery Building with Sun Rooms on one facade keeping remaining three sides free to face the highway or north in any urban layout.

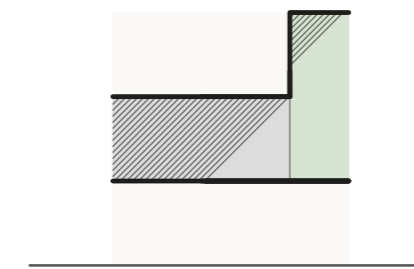
Section Building with sun room on 2 facades keeping remaining two sides free to face the highway or north in any urban layout.



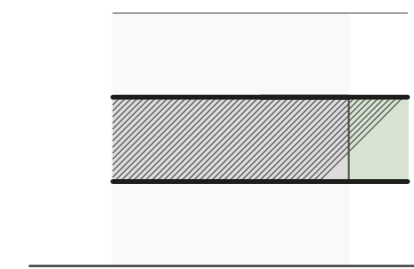
Plumbing Shafts and Common Storage spaces are planned along the common access corridor and wet-zone on each floor



Stack-prototype-2 has living spaces extending to double height-ed sun-room projecting out.



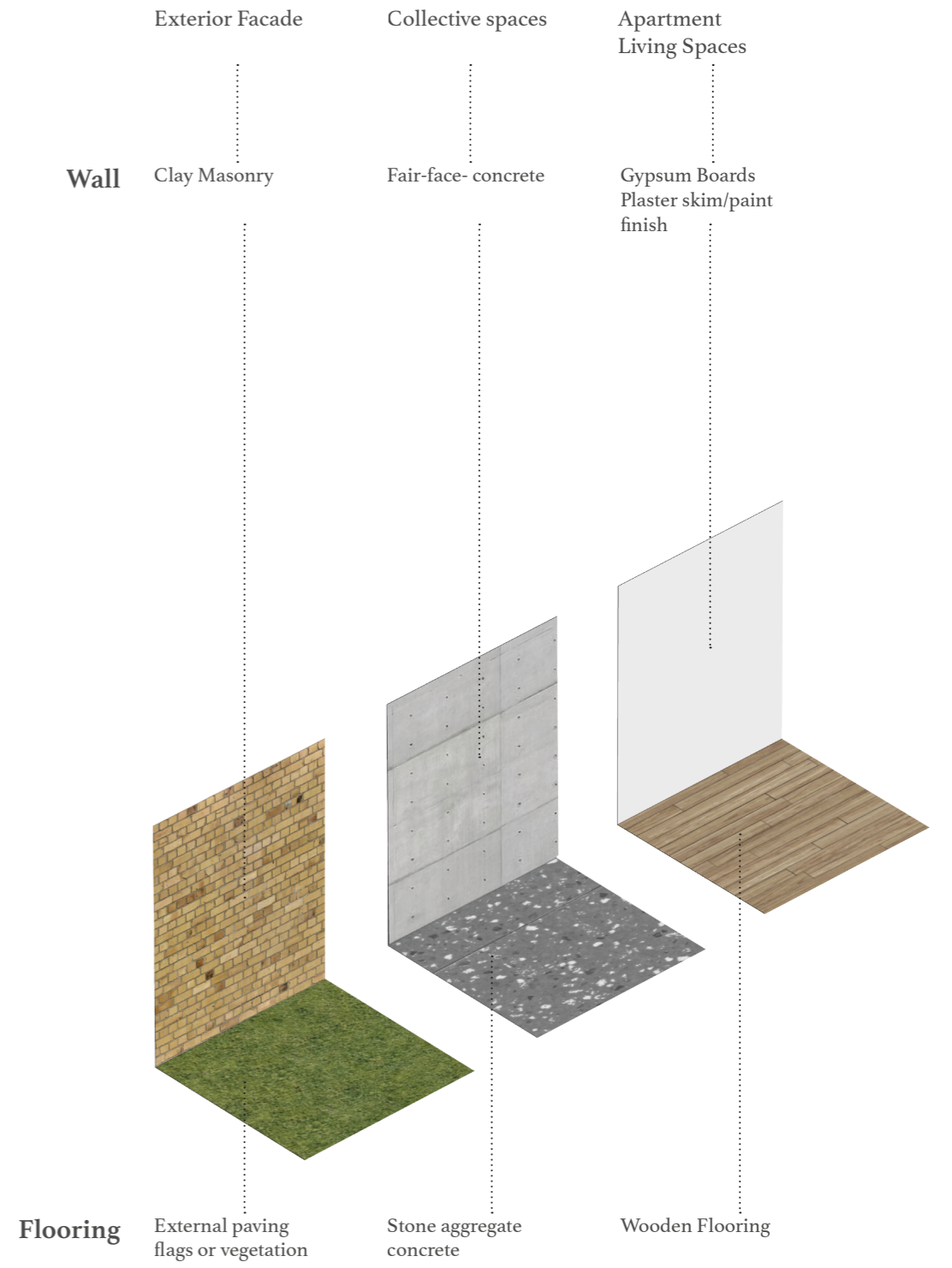
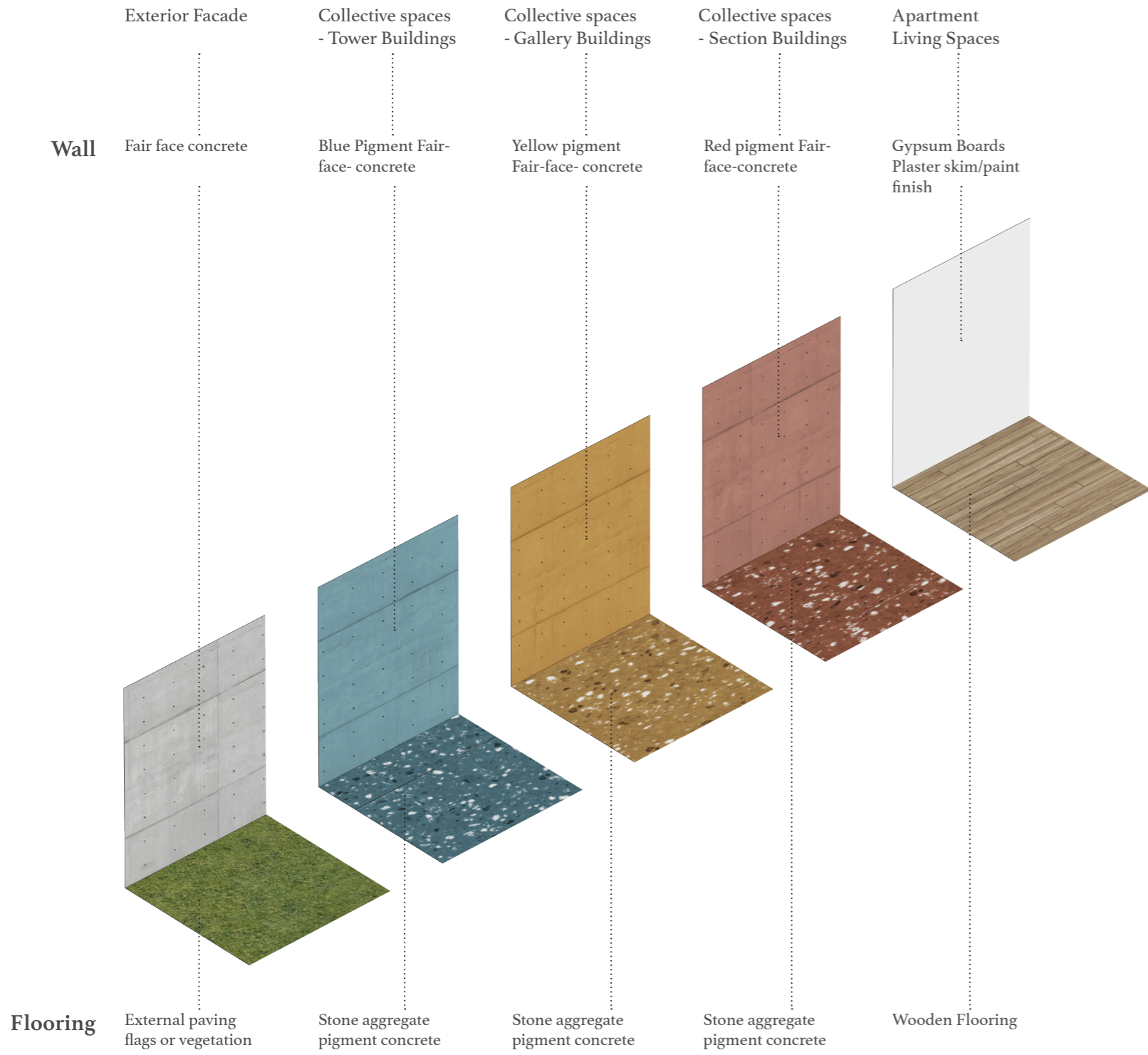
Stack-prototype-1 with double height-ed sun-room recessed inside enjoyed by 3 spaces, bedroom study and living room.



Conventional Stacking with standard Sun Room of Standard Height

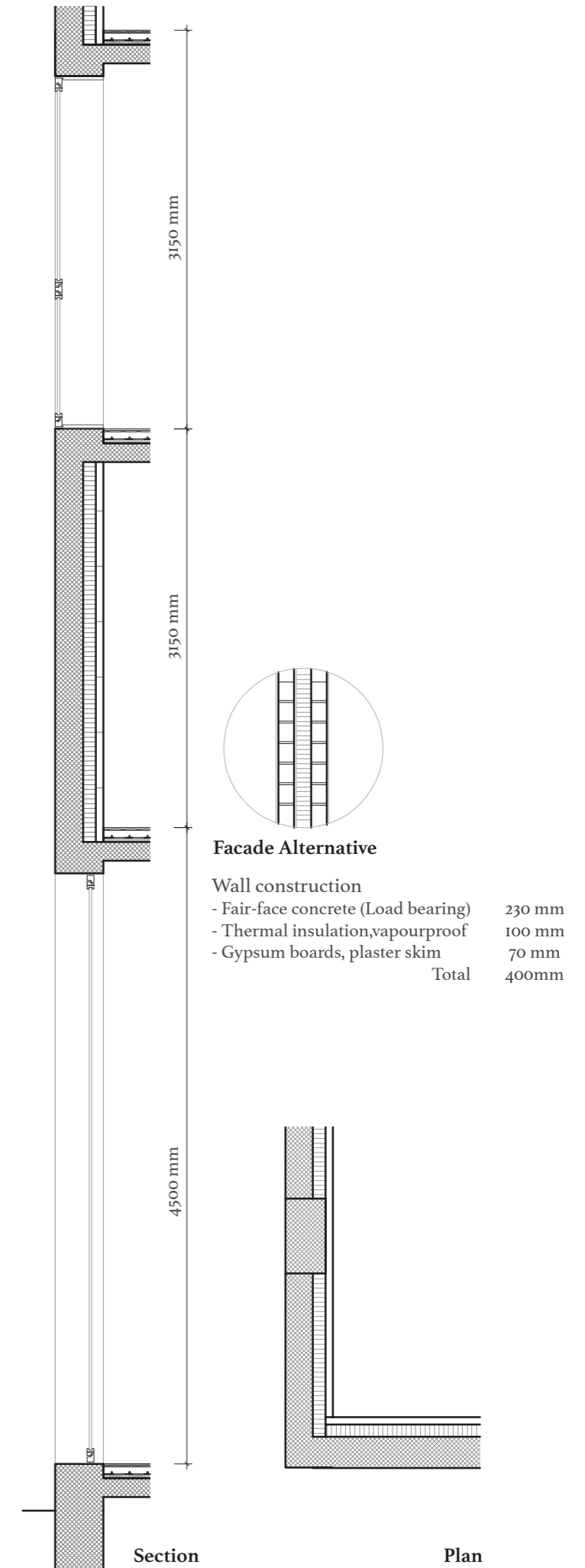
Material palette

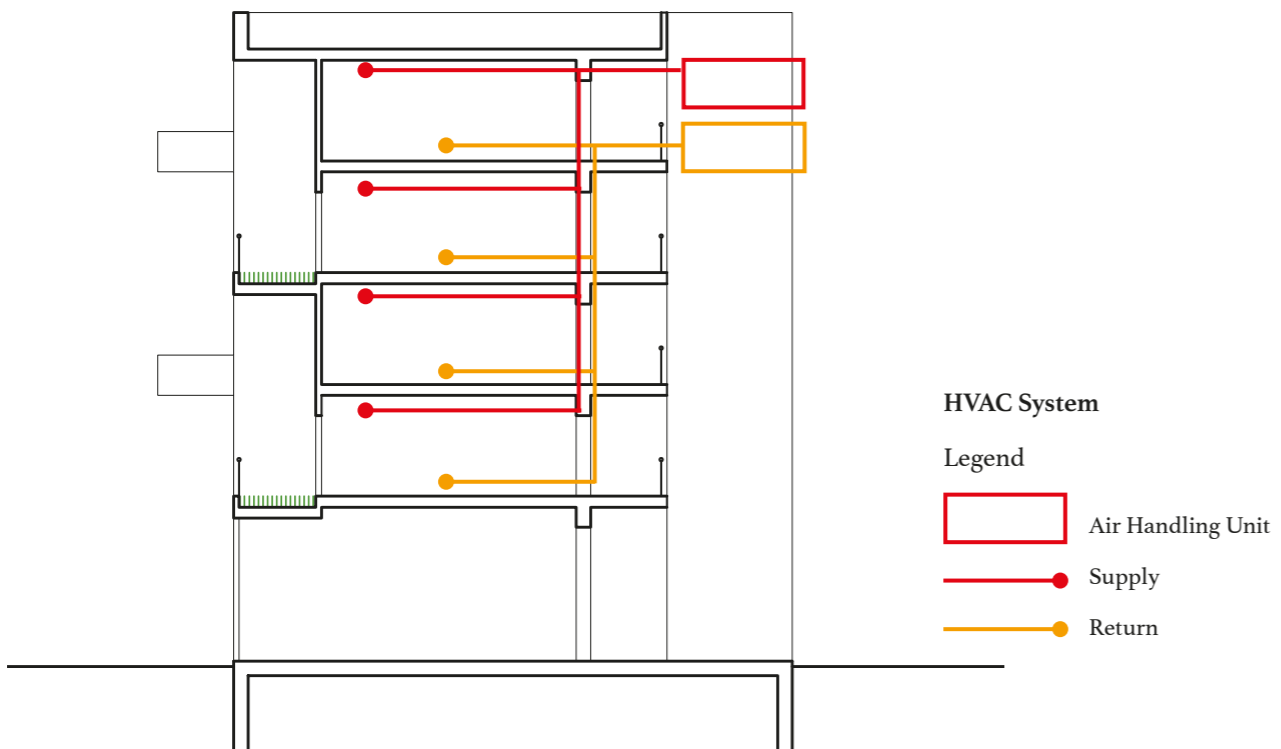
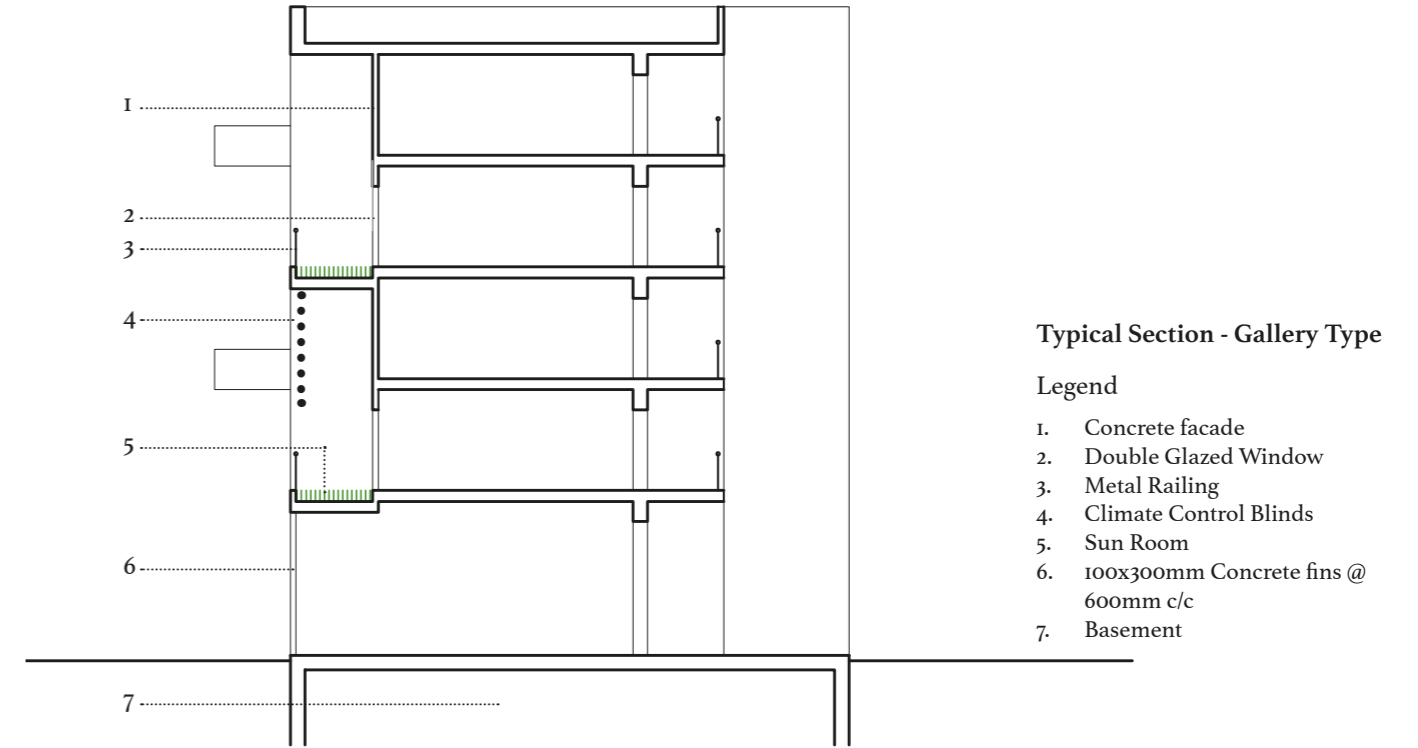
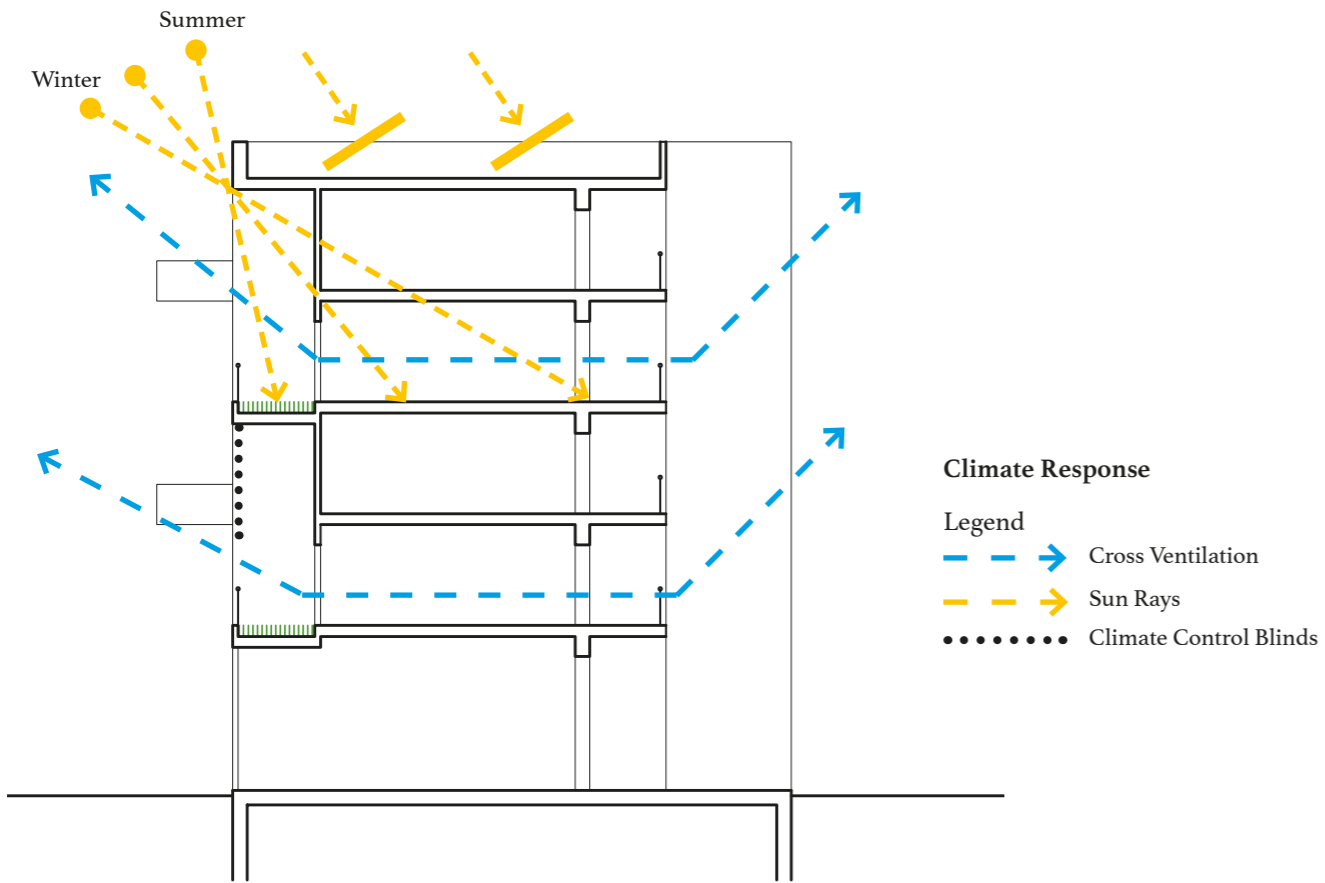
Material palette Alternative





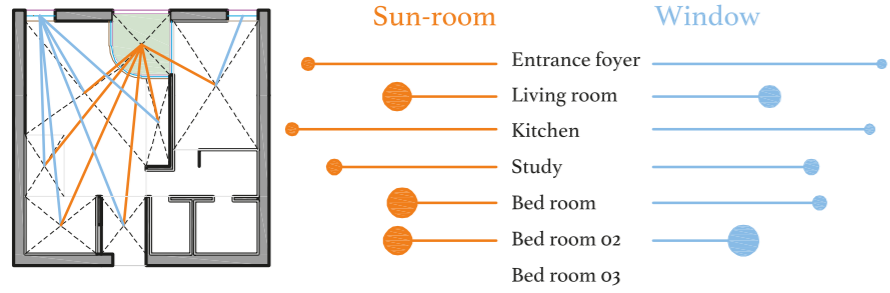
Window	
- Laminated safety glass	8 mm
- Cavity	16 mm
- Toughened glass	5 mm
Wall construction	
- Fair-face concrete (Load bearing)	230 mm
- Thermal insulation,vapourproof	100 mm
- Gypsum boards, plaster skim	70 mm
Total	400mm
Floor construction (intermediate)	
- Wooden floorboards	28 mm
- Battens	30 mm
- Layer of felt	2 mm
- Screed	60 mm
- Separating layer	
- Thermal insulation,vapourproof	80 mm
- Concrete slab over basement	200 mm
Total	400 mm
Floor construction (Plinth)	
- Stone flags	15 mm
- Mortar bed	15 mm
- Screed with underfloor heating	80 mm
- Separating layer	
- Impact sound insulation	40 mm
- Concrete slab	200 mm
- Plaster to soffit	10 mm
Total	360 mm





Isometric view of apartments - Medium

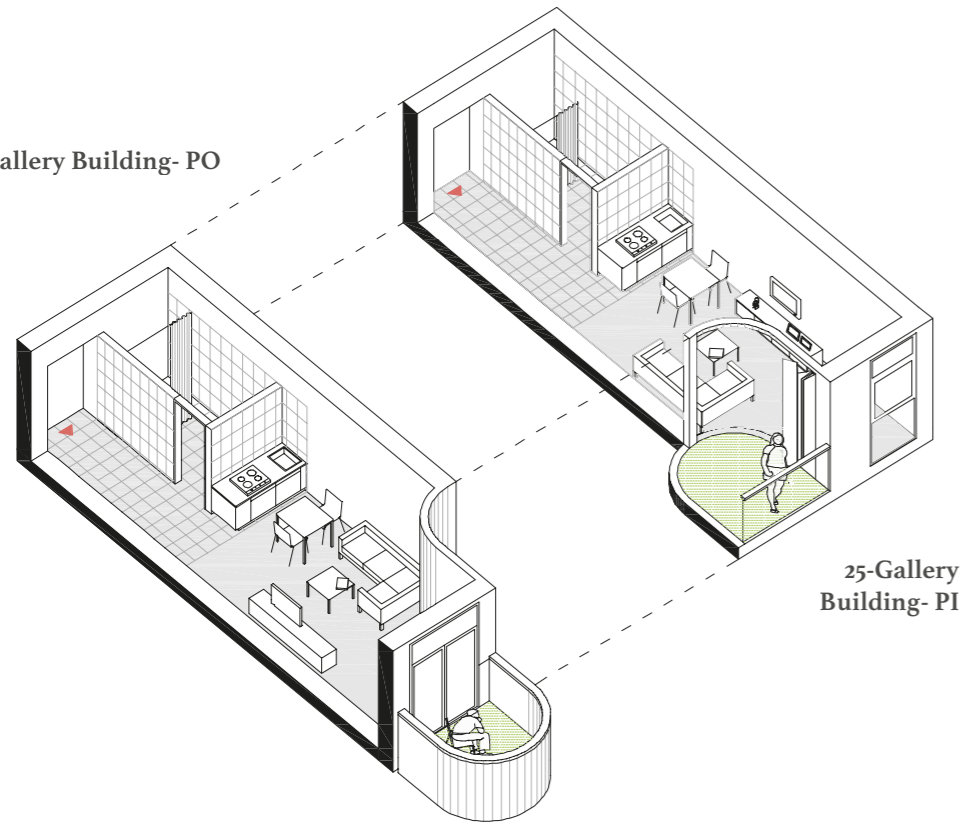
Sample diagram for space exposure to Sun-room and Window



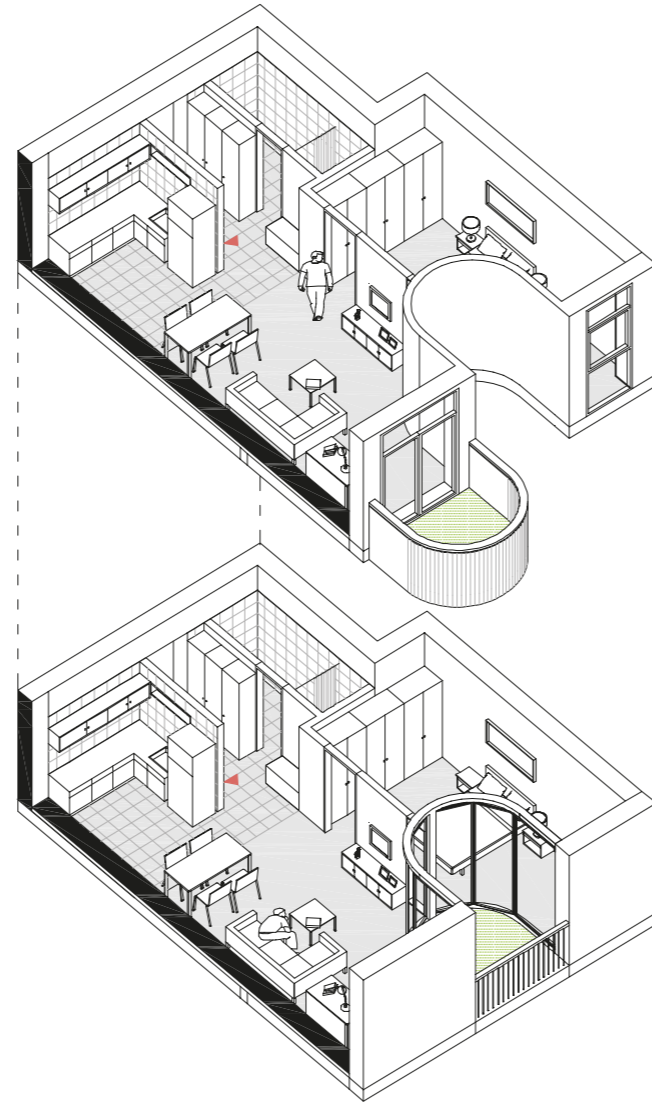
45-Gallery Building- PO

65-Gallery Building- PO

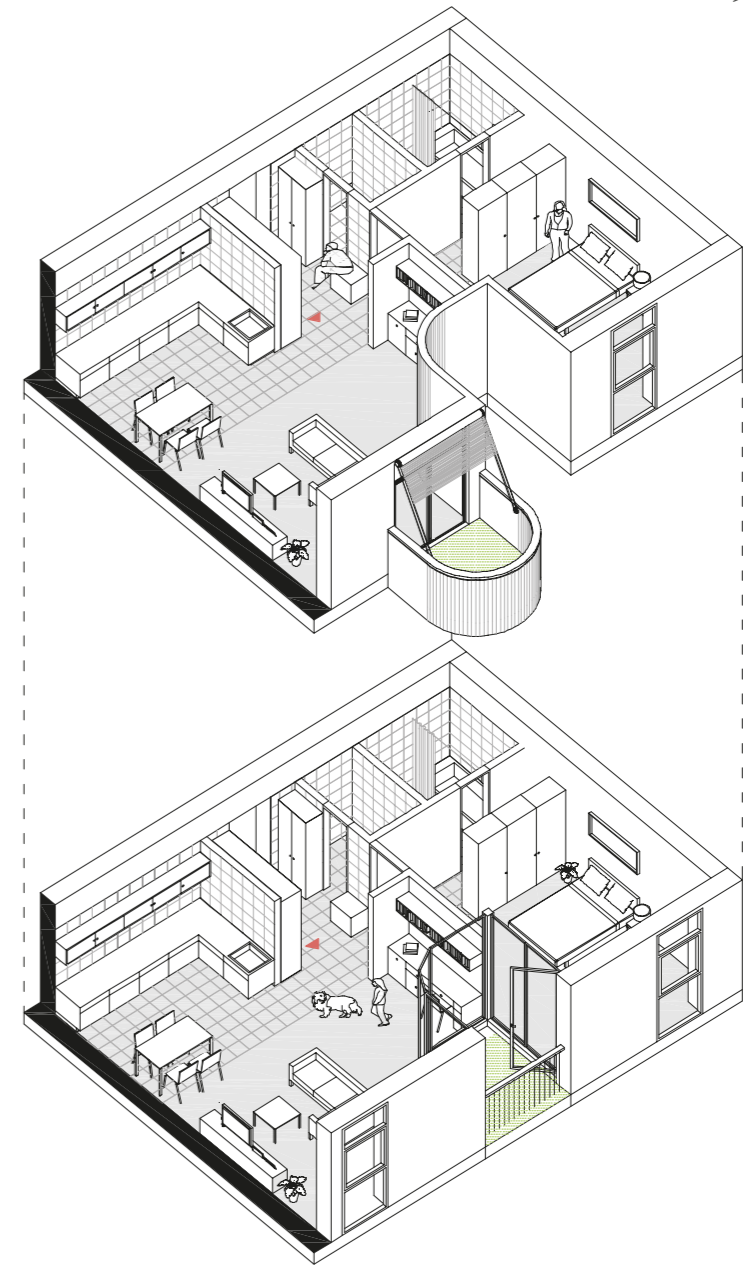
25-Gallery Building- PO



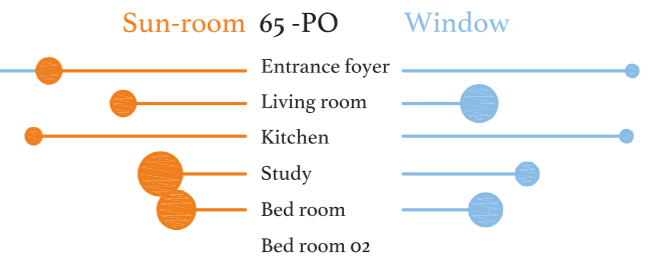
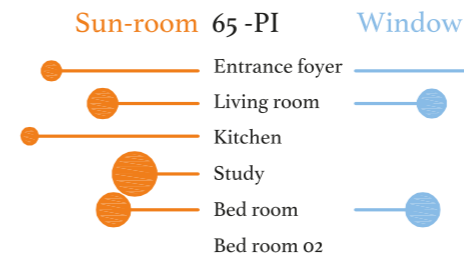
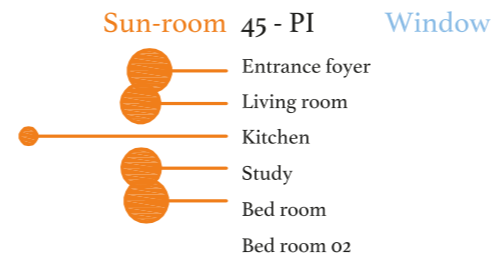
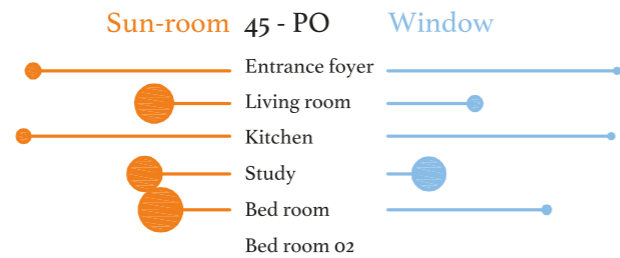
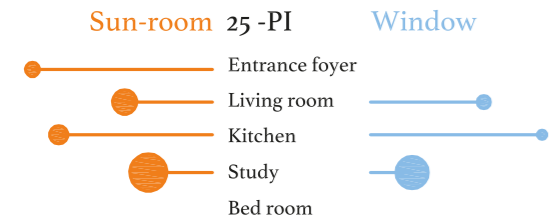
25-Gallery Building- PI



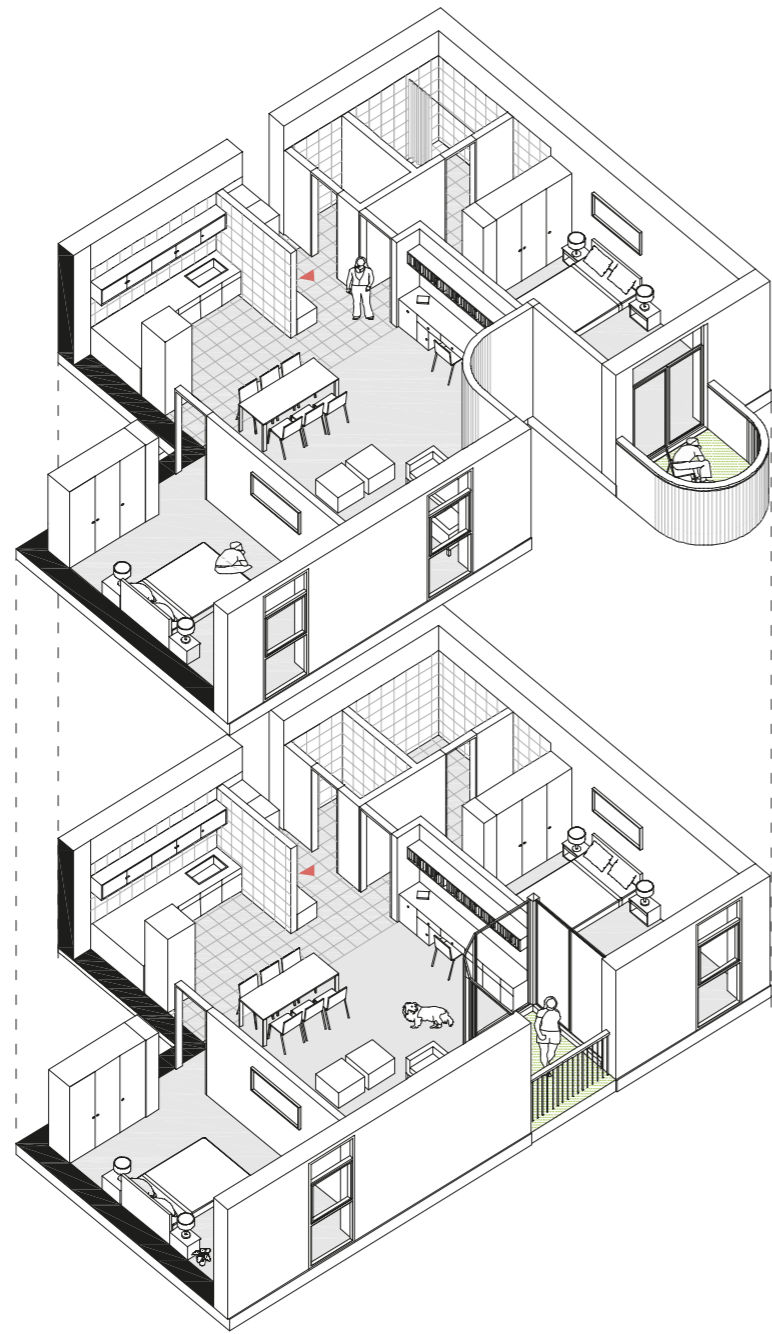
45-Gallery Building- PI



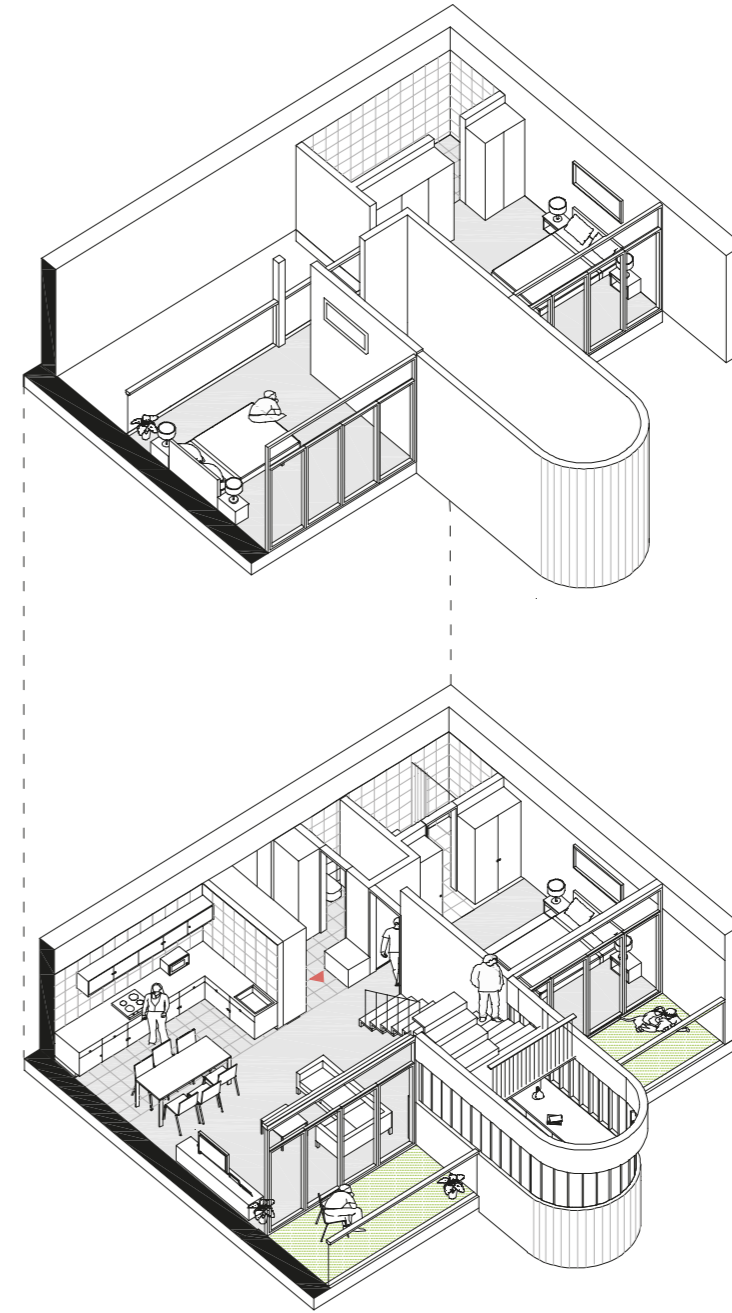
65-Gallery Building- PI



85-Gallery/Tower Building- PO

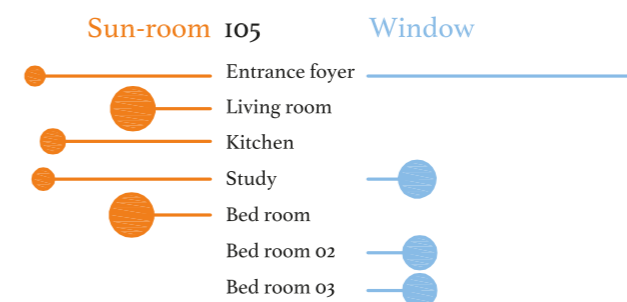
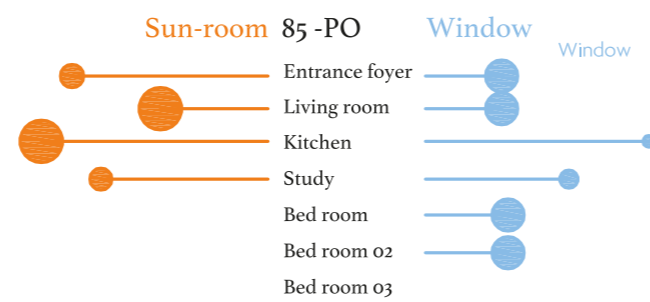
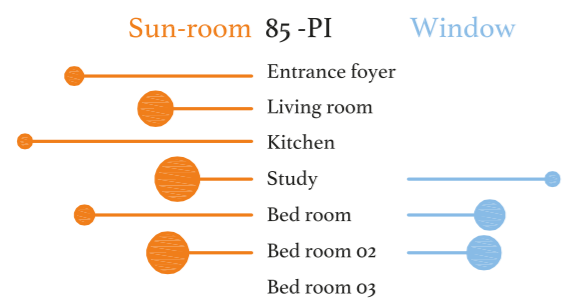


105-Tower Building- Upper Floor



85-Section/Tower Building- PI

105-Tower Building- Lower Floor





Interior view of 2-sided (3BHK) apartment in Tower and Section (Large) - Stack prototype - 1



Interior view of 2-sided (3BHK) apartment in Tower and Section (Large) - Stack prototype - 2



Duplex, highlighting the projecting study room in left and common continuous volume of sunroom, living room, dining and kitchen on right



Court (Sunroom) common to bedroom , study and living room extending to dining and kitchen.



Stack-prototype-1 with sun-room inside the apartment profile enjoyed directly by 3 spaces, bedroom study and living room



Stack-prototype-2 has living spaces extending to sun-room projecting out.



Top - Street view, Elevation of the collective facilities
Right - 4.5m high entrance lobby/common space made in pigmented concrete walls and floor



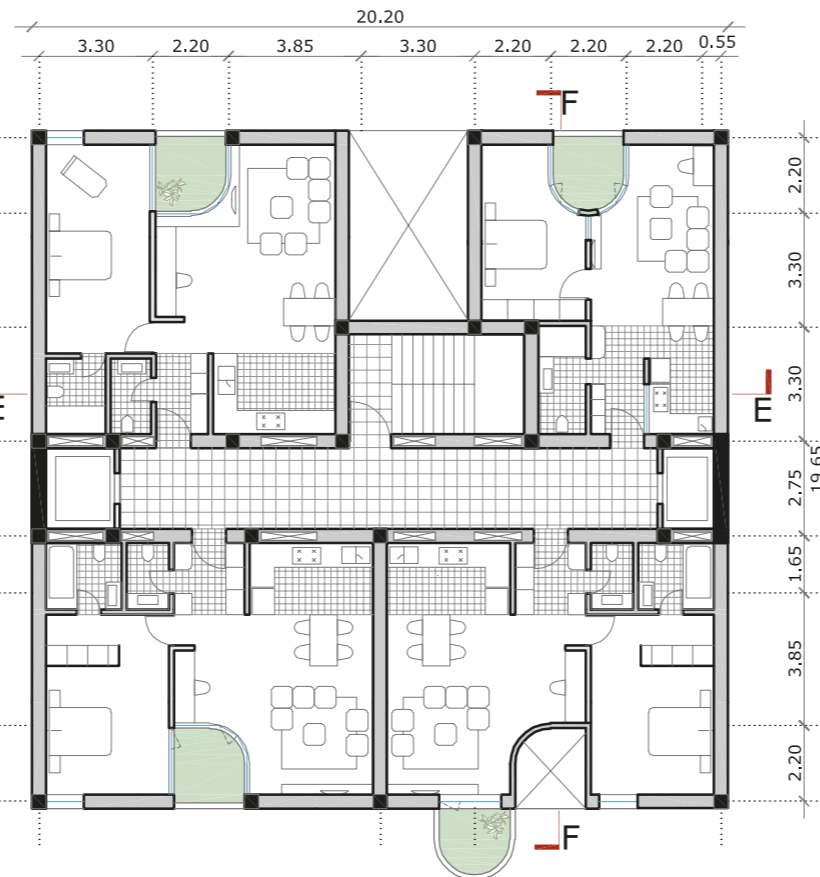
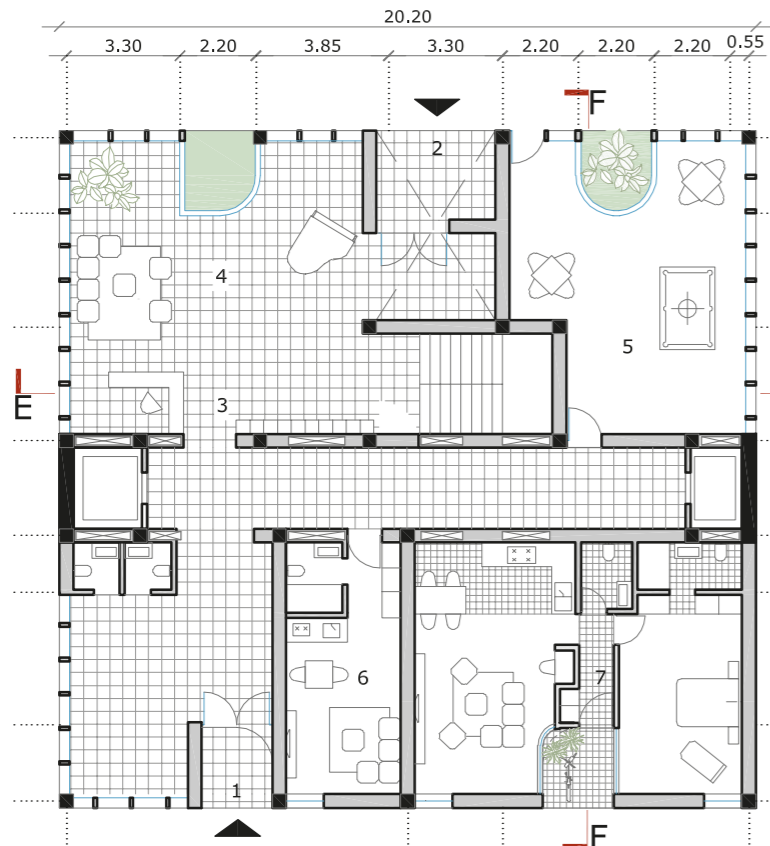
Section building - medium size apartments



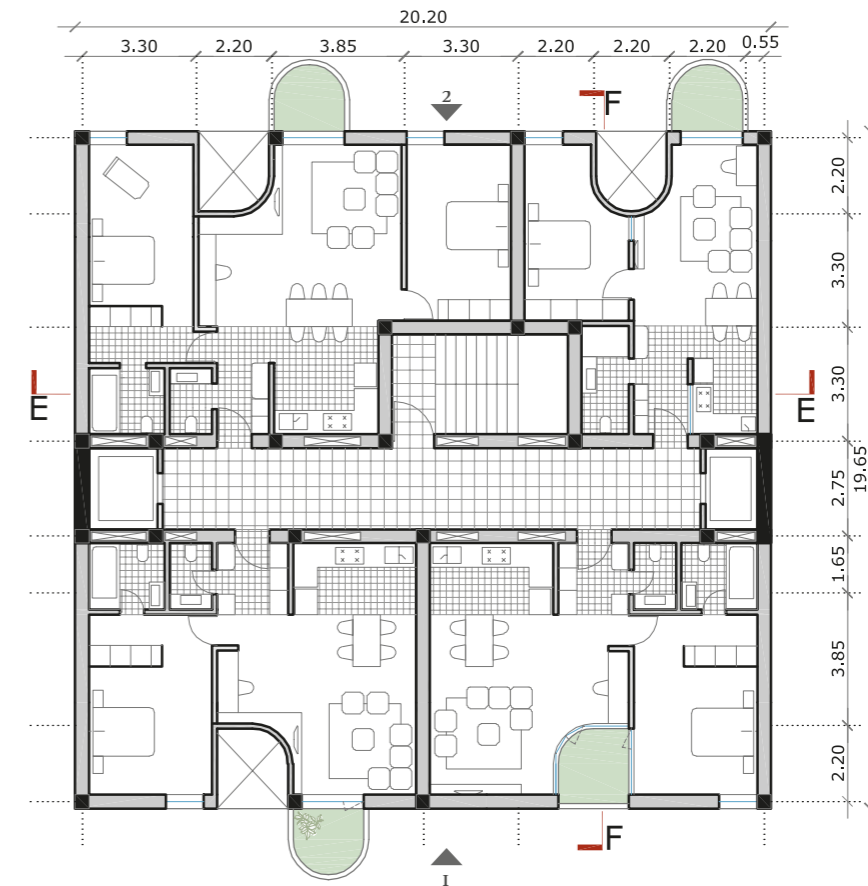
Elevation 1



Elevation 2



1st floor plan



2nd floor plan

Legend

- 1. Entry 1
- 2. Entry 2
- 3. Security and mail box
- 4. Lobby
- 5. Space for renting
- 6. Concierge room
- 7. Alternative for units in the ground floor

Ground floor plan

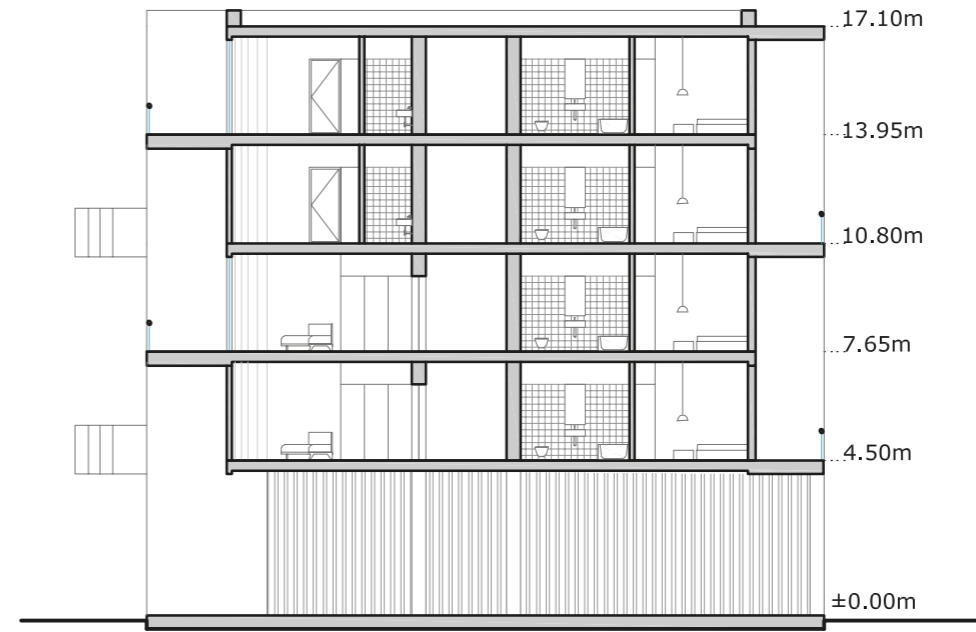


1st floor plan

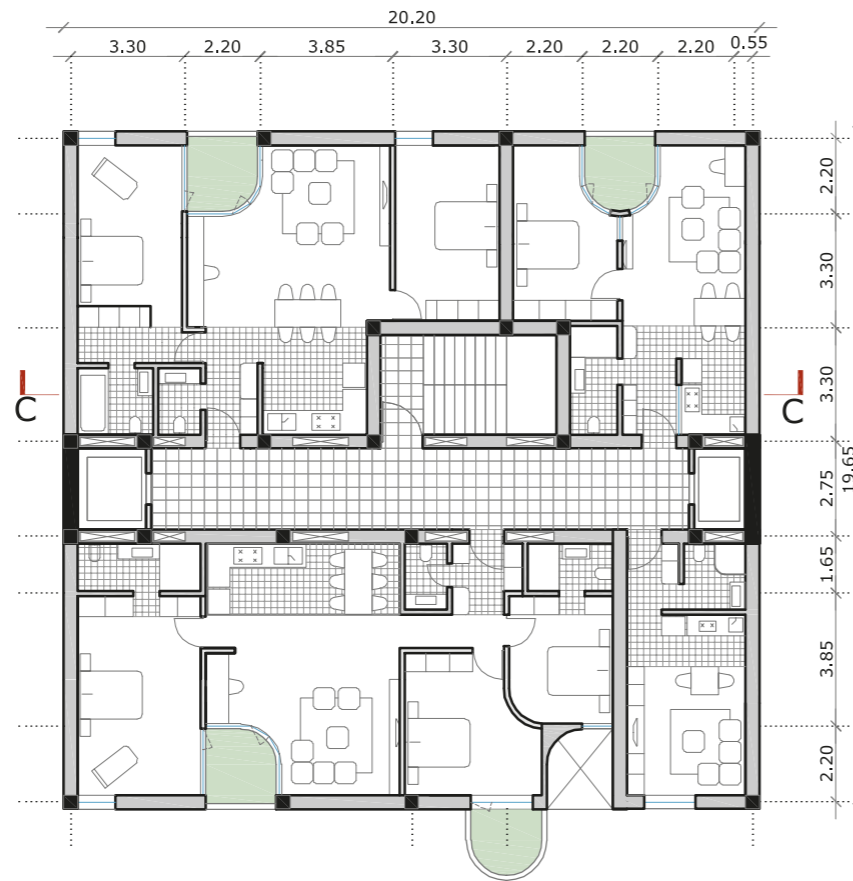




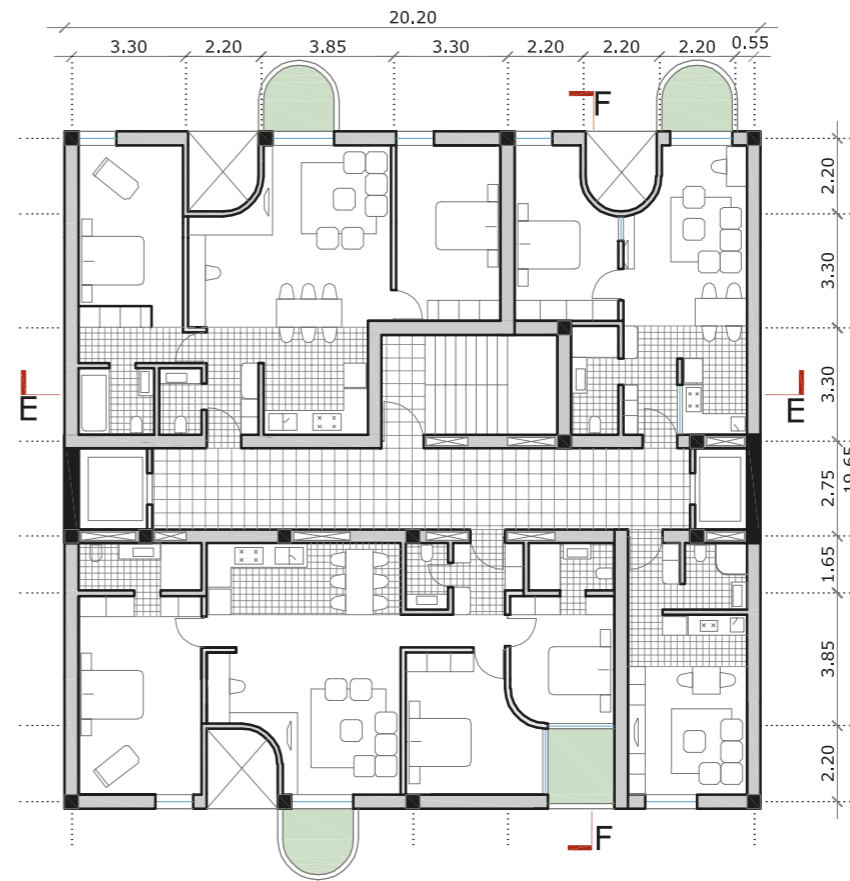
Section EE



Section FF



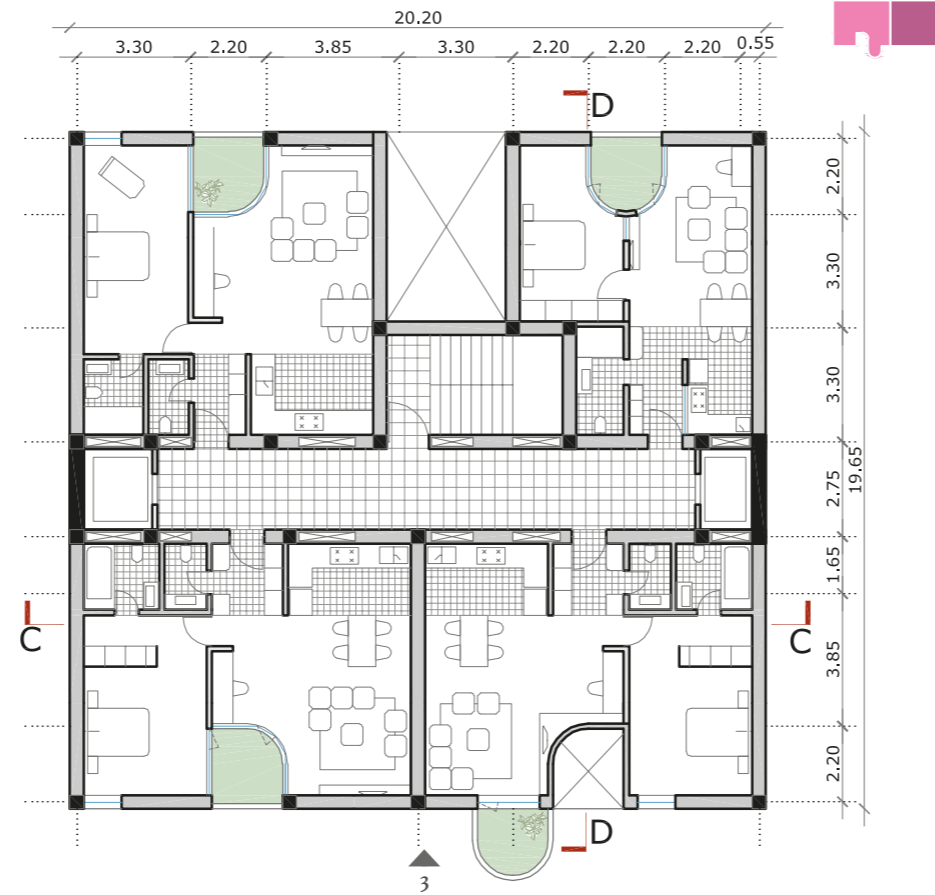
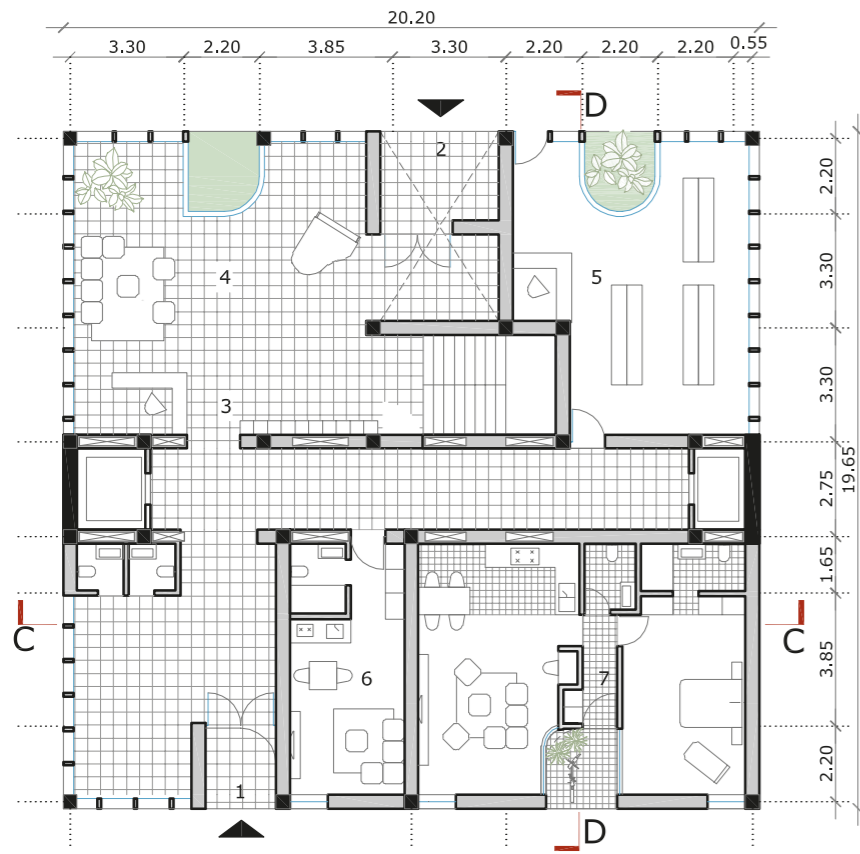
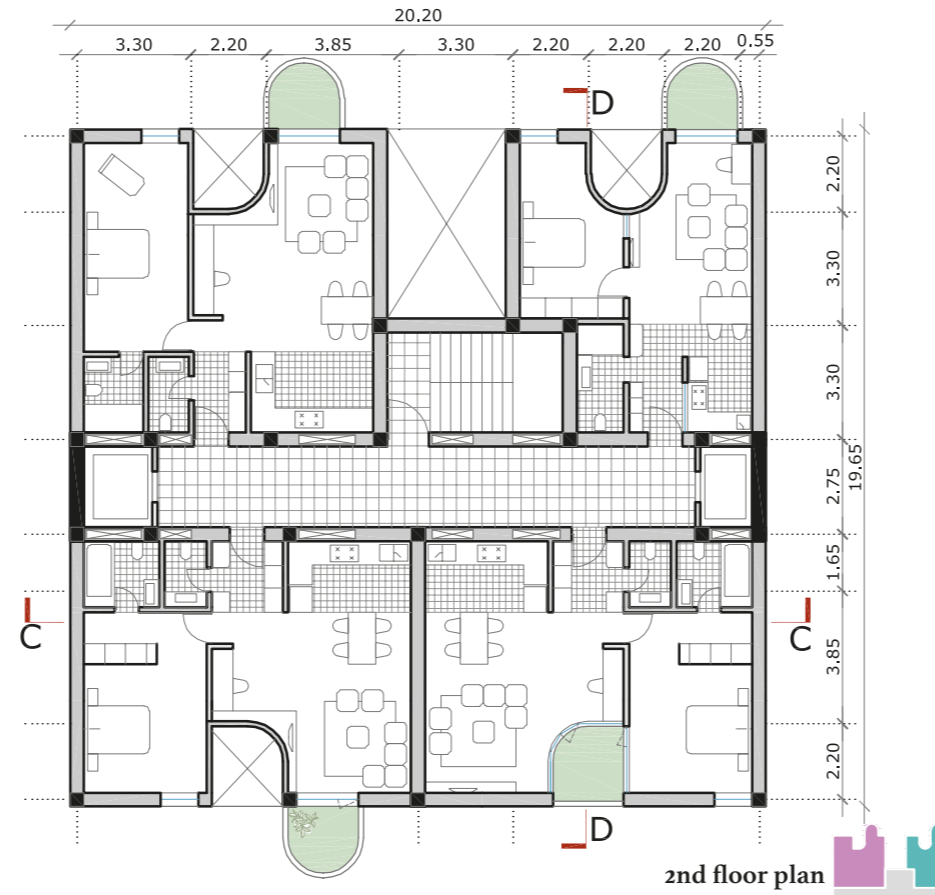
3rd floor plan



4th floor plan



Tower - medium size apartments

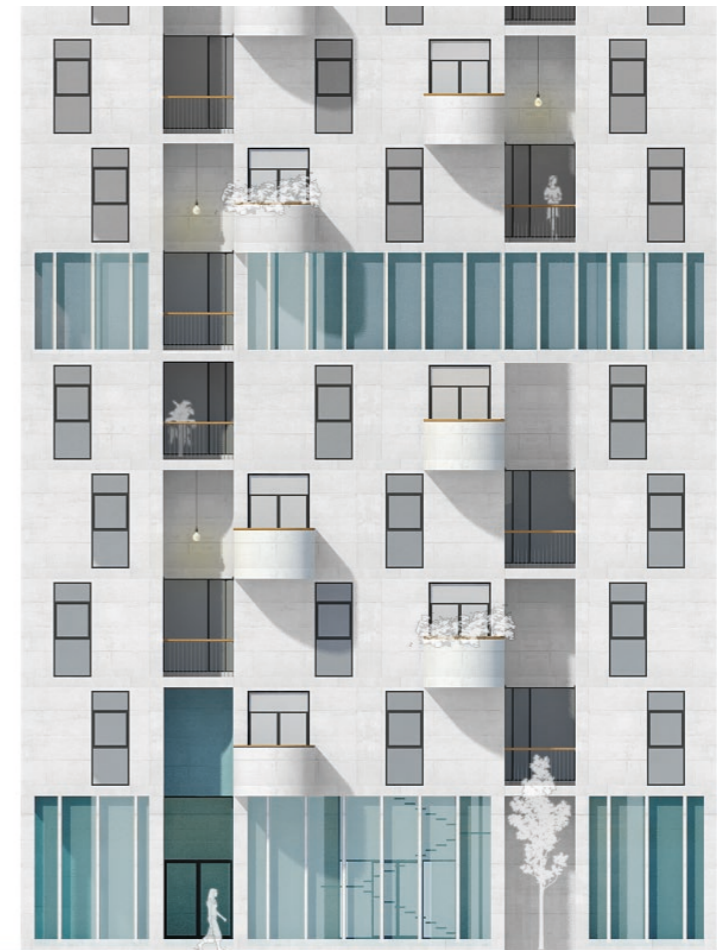
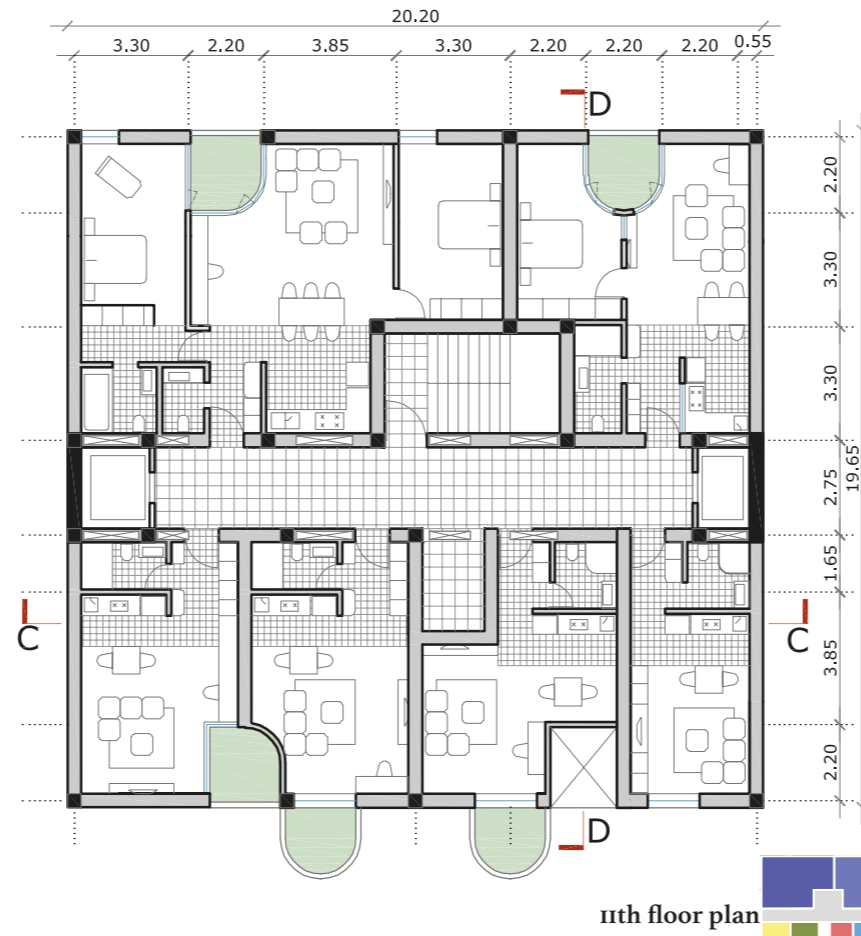


Legend

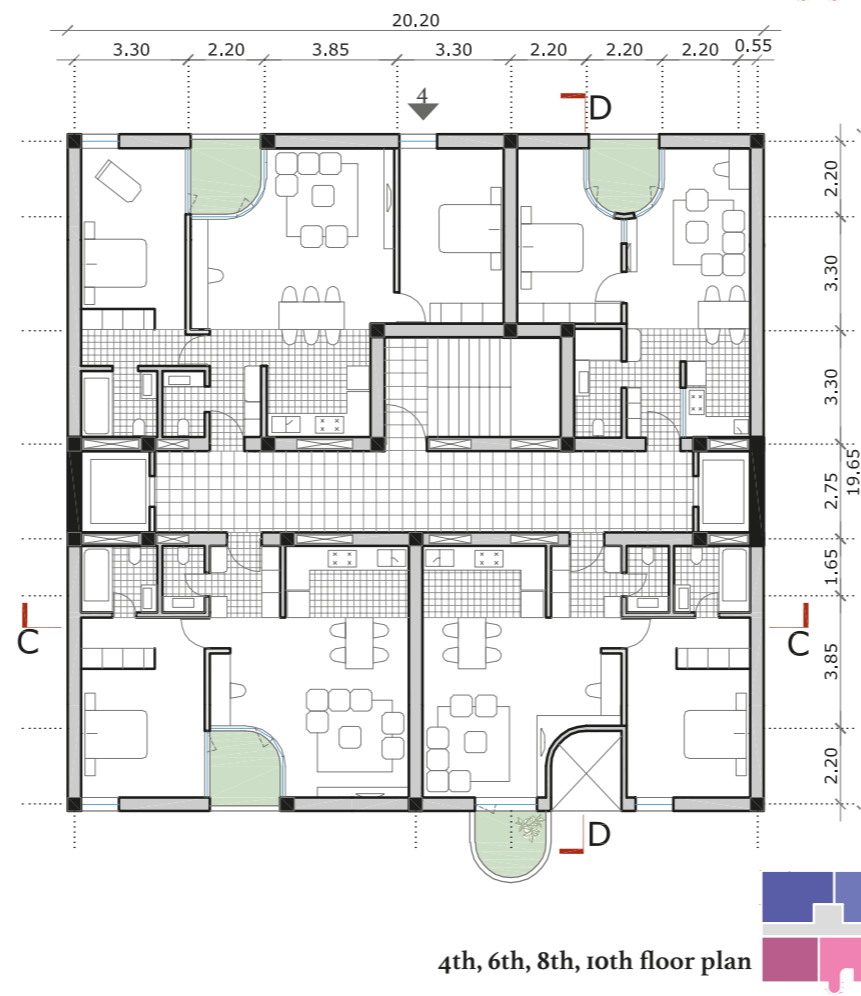
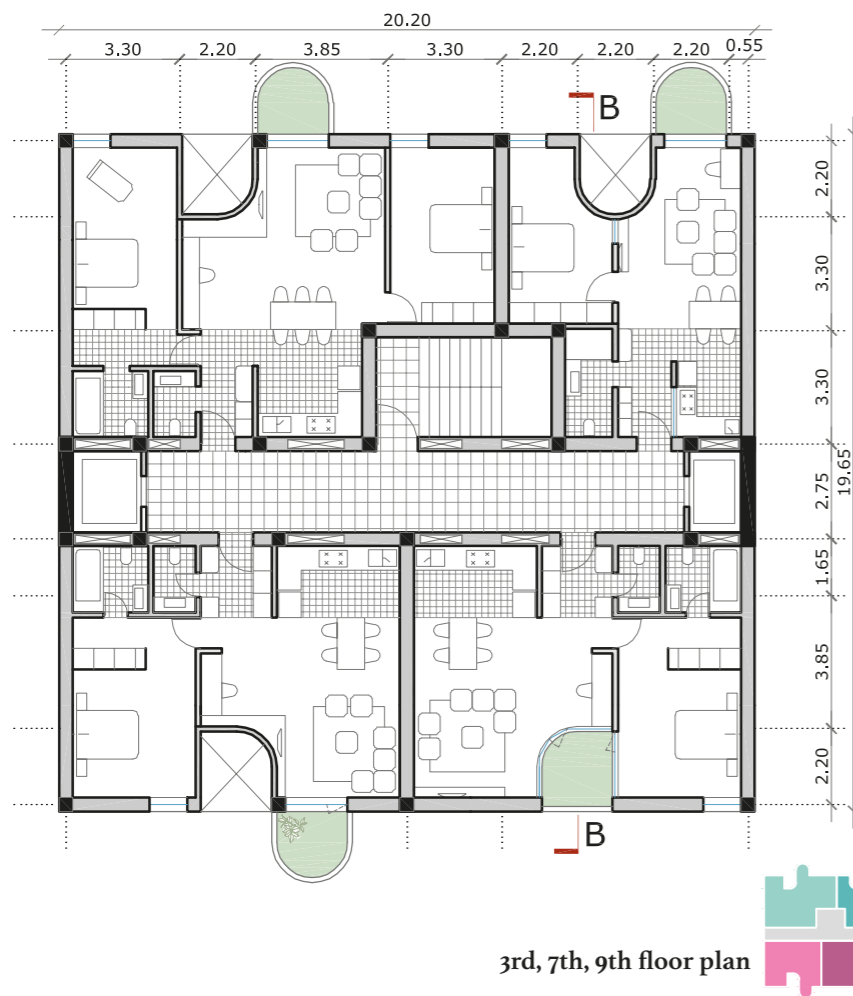
- 1. Entry 1
- 2. Entry 2
- 3. Security and mail box
- 4. Lobby
- 5. Space for renting
- 6. Concierge room
- 7. Alternative for units in the ground floor

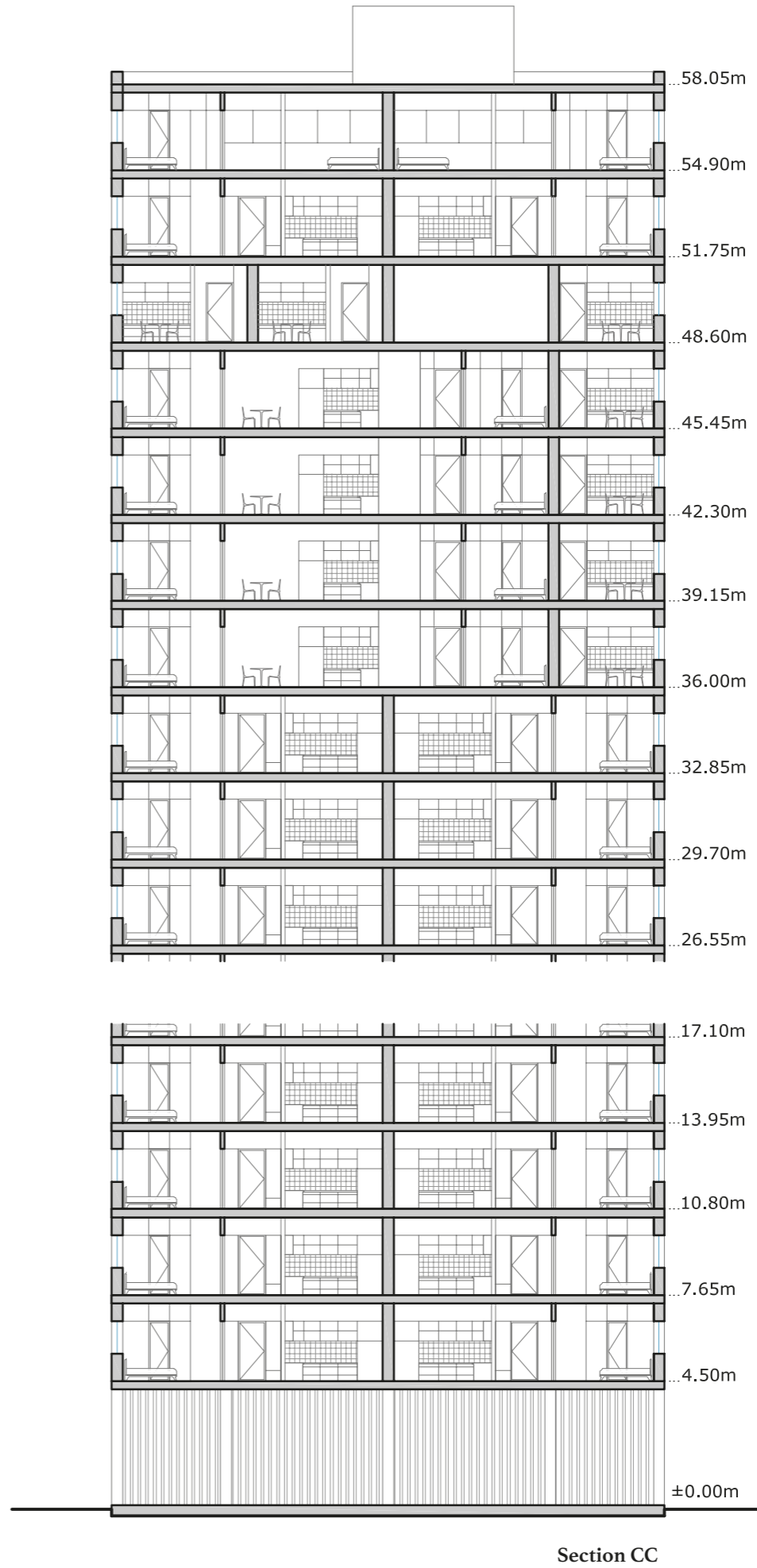
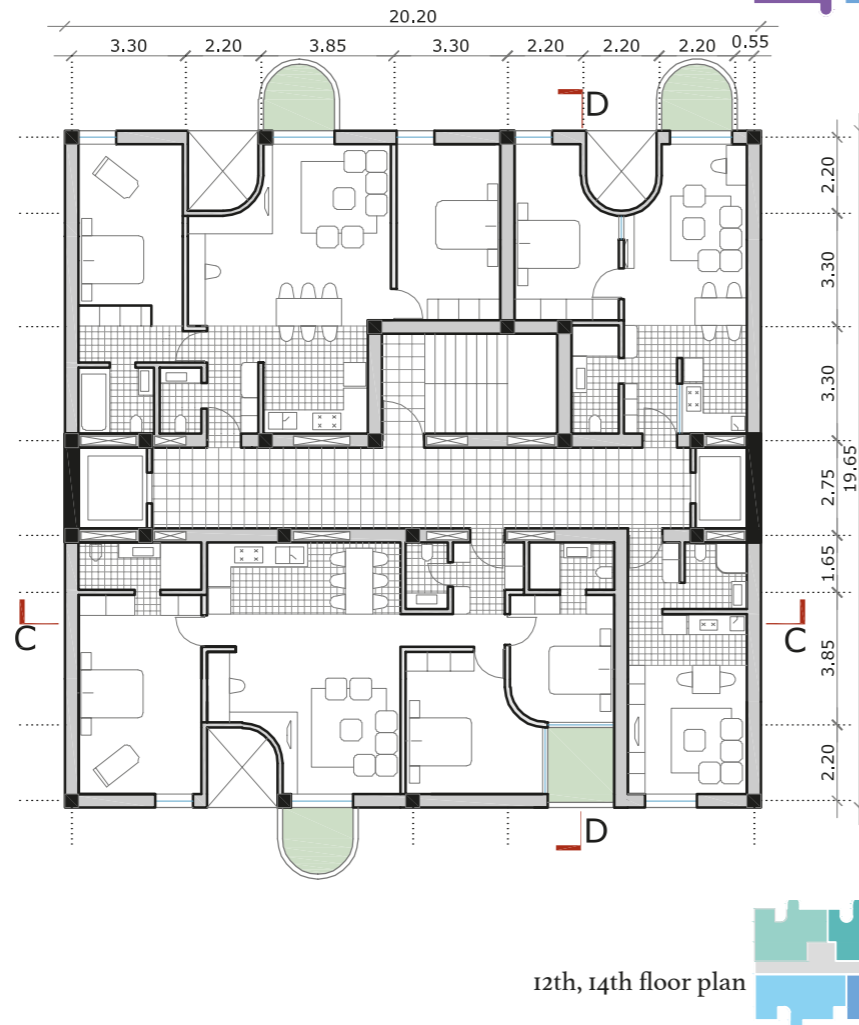
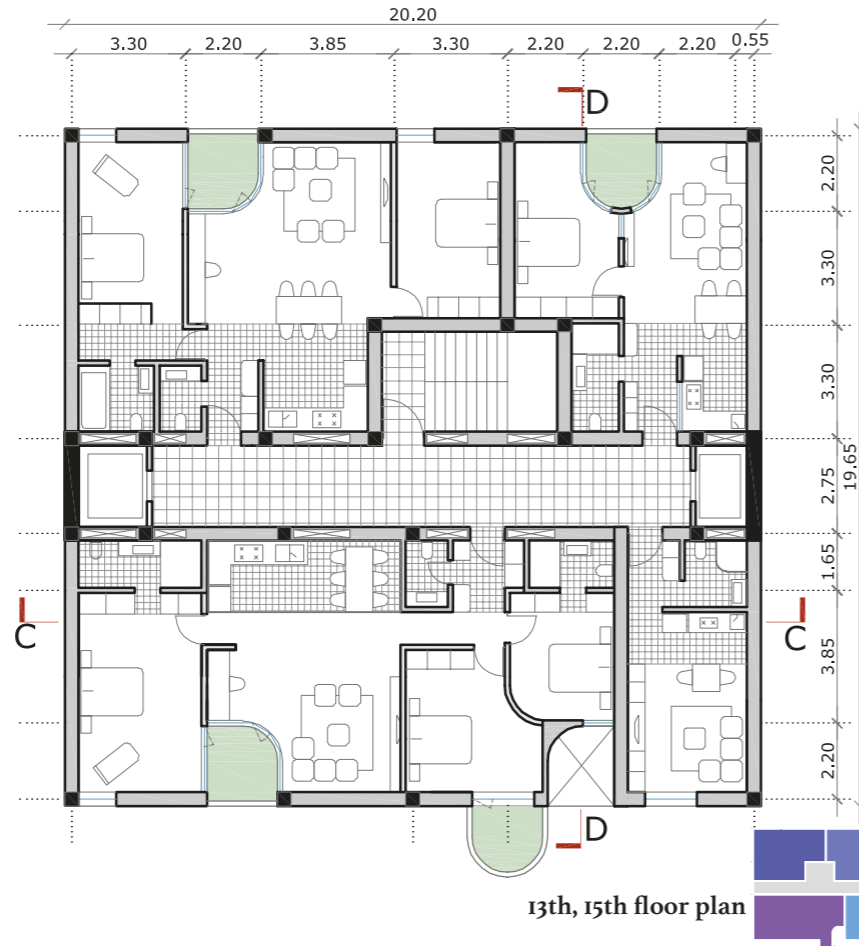


Elevation 3

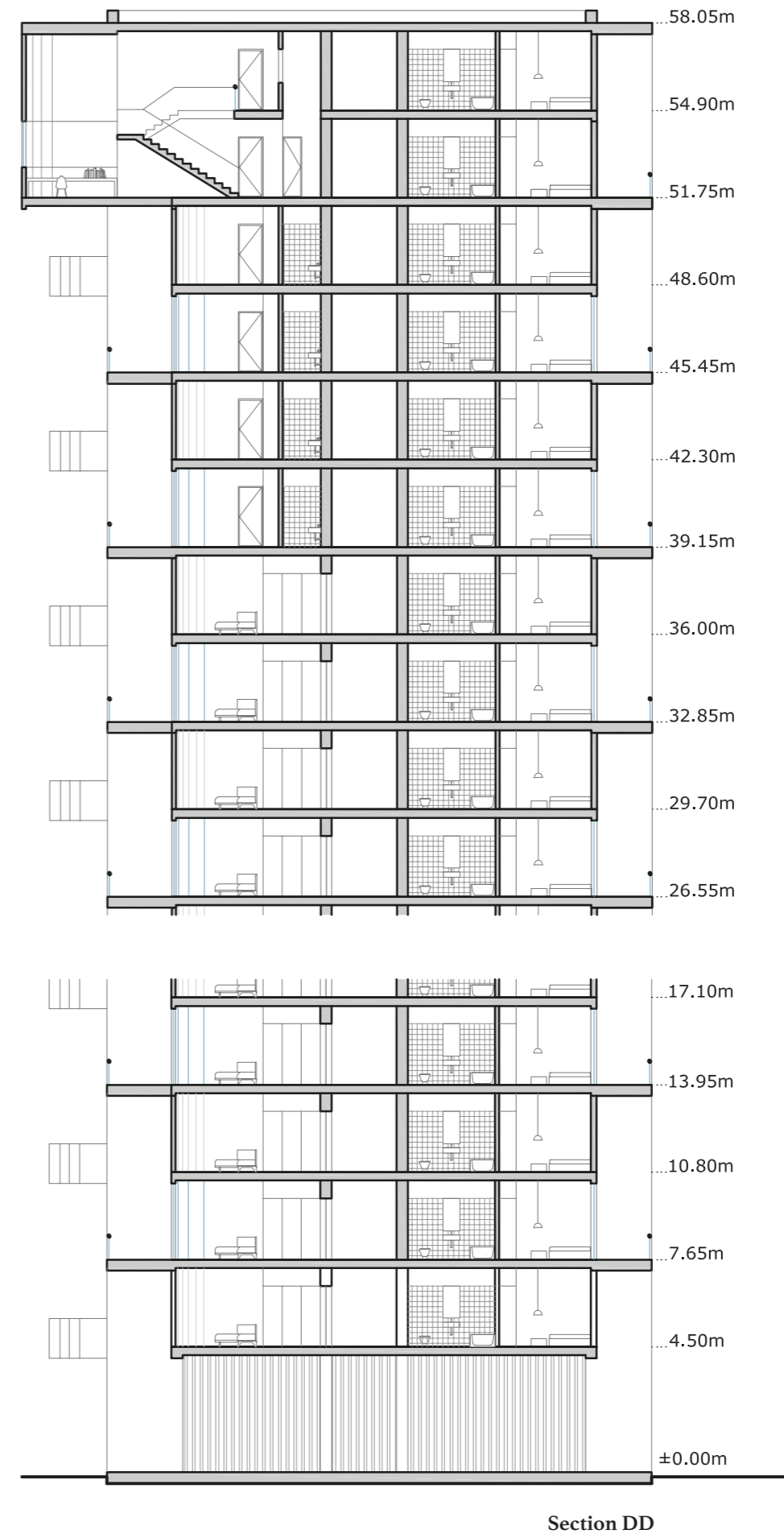
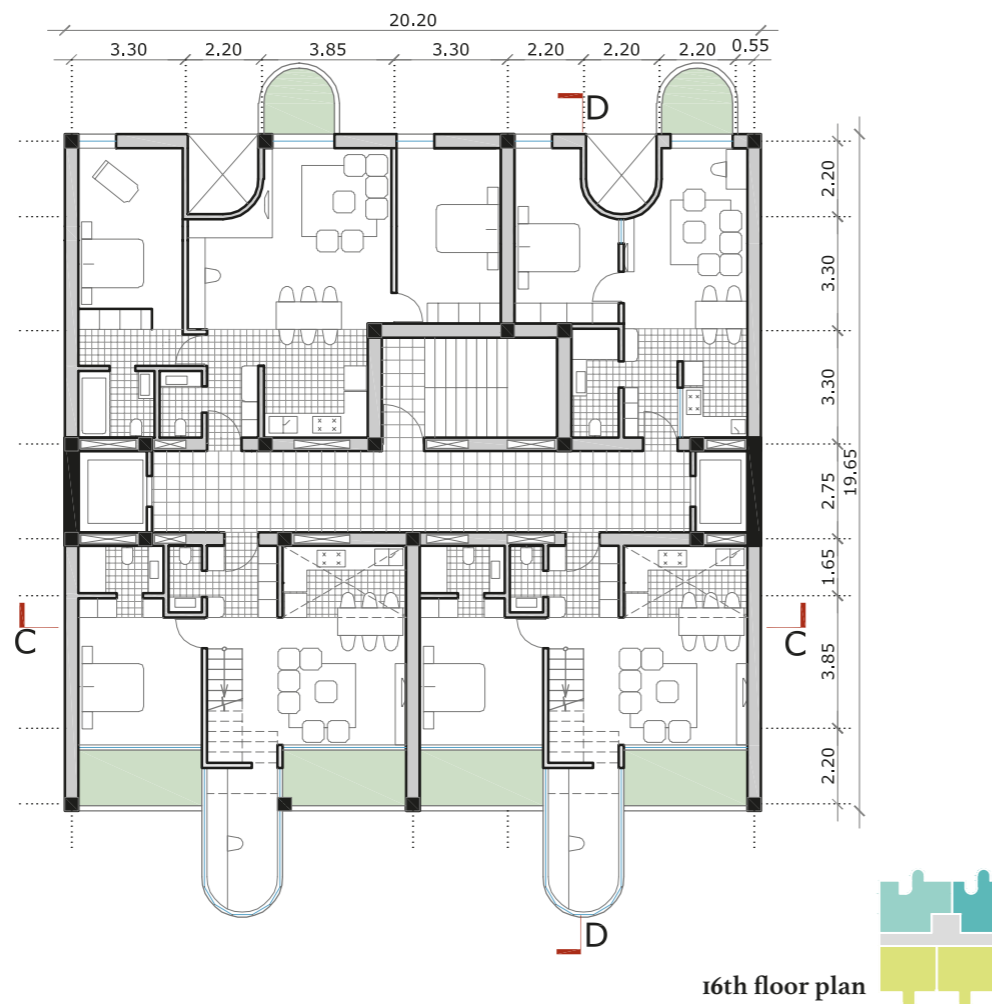
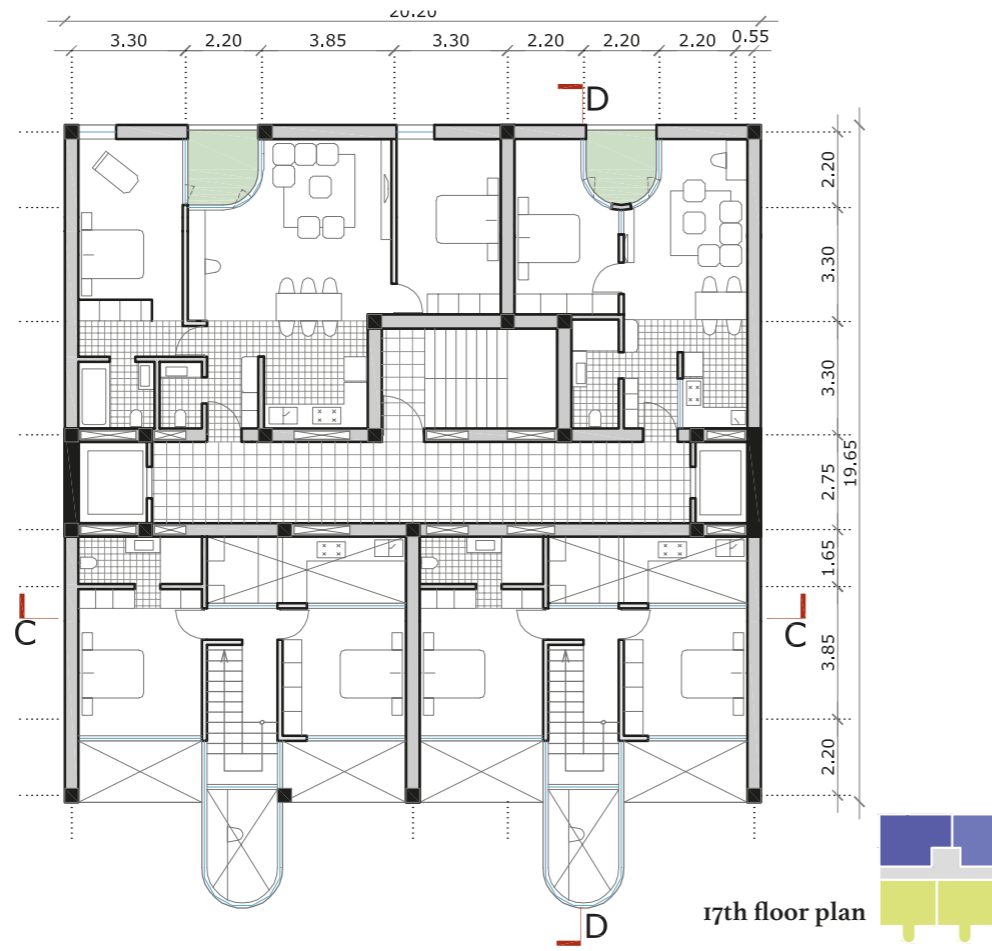


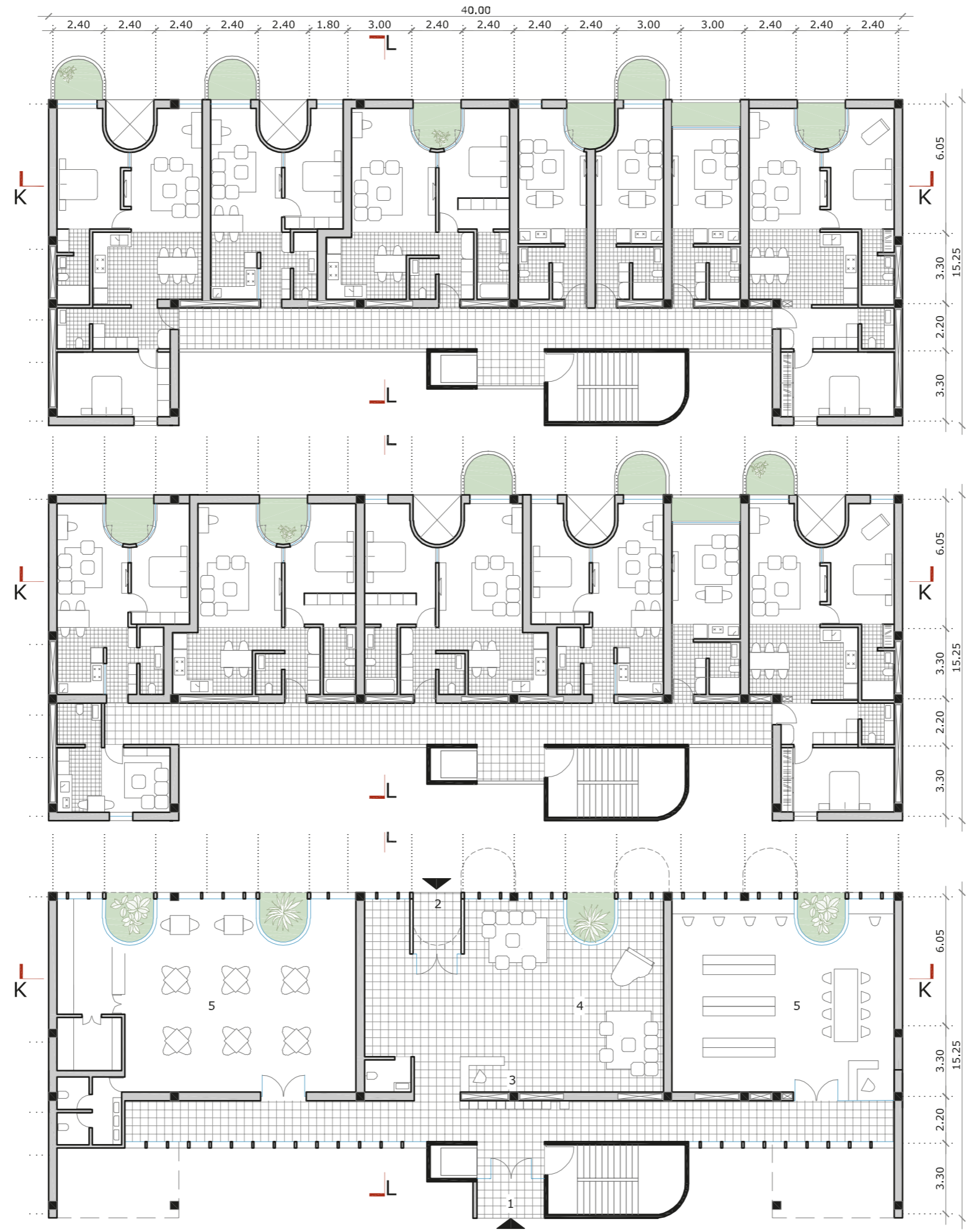
Elevation 4





Tower - medium size apartments





 2nd floor plan

 1st floor plan

 Ground floor plan

Legend

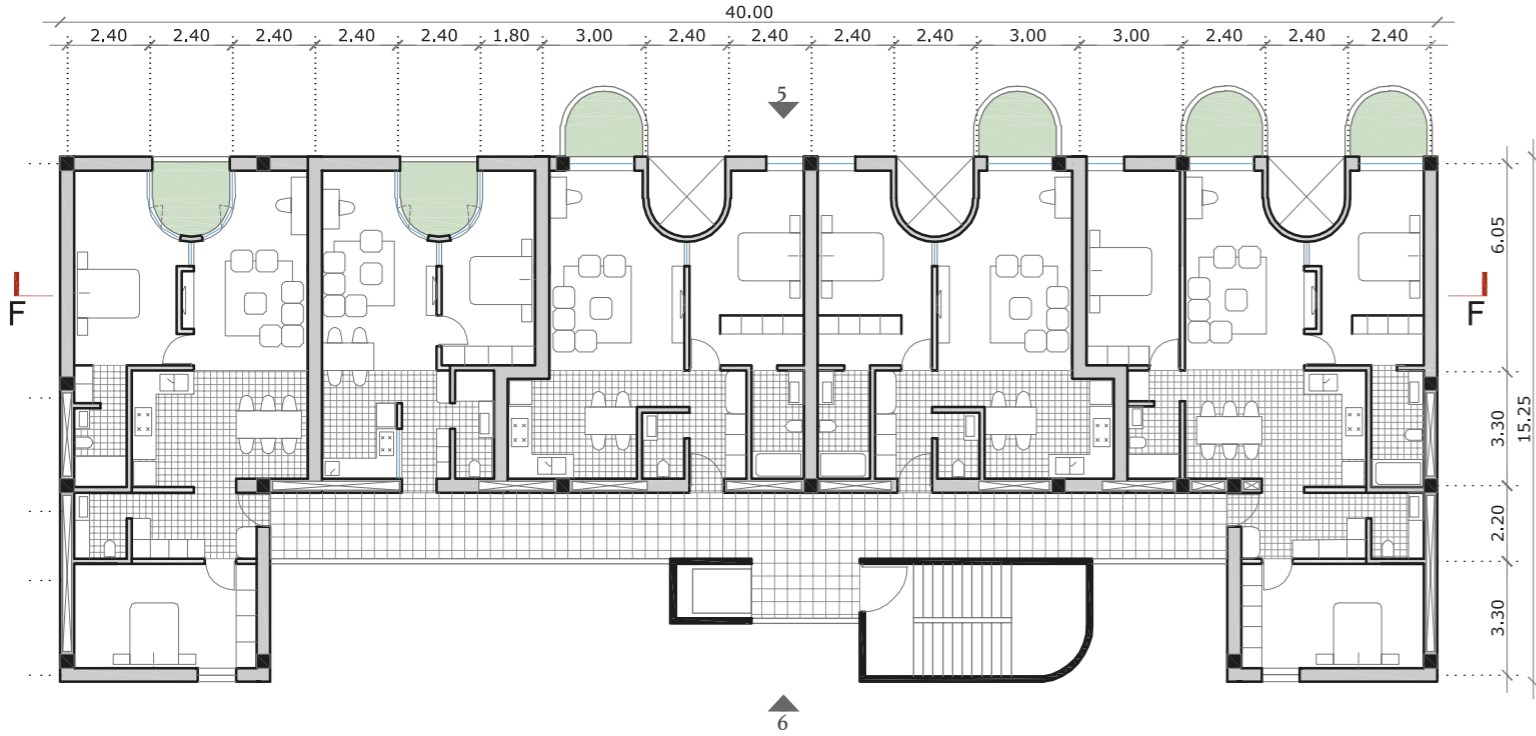
- 1. Entry 1
- 2. Entry 2
- 3. Security and mail box
- 4. Lobby
- 5. Space for renting
- 6. Concierge room
- 7. Alternative for units in the ground floor



Elevation 5

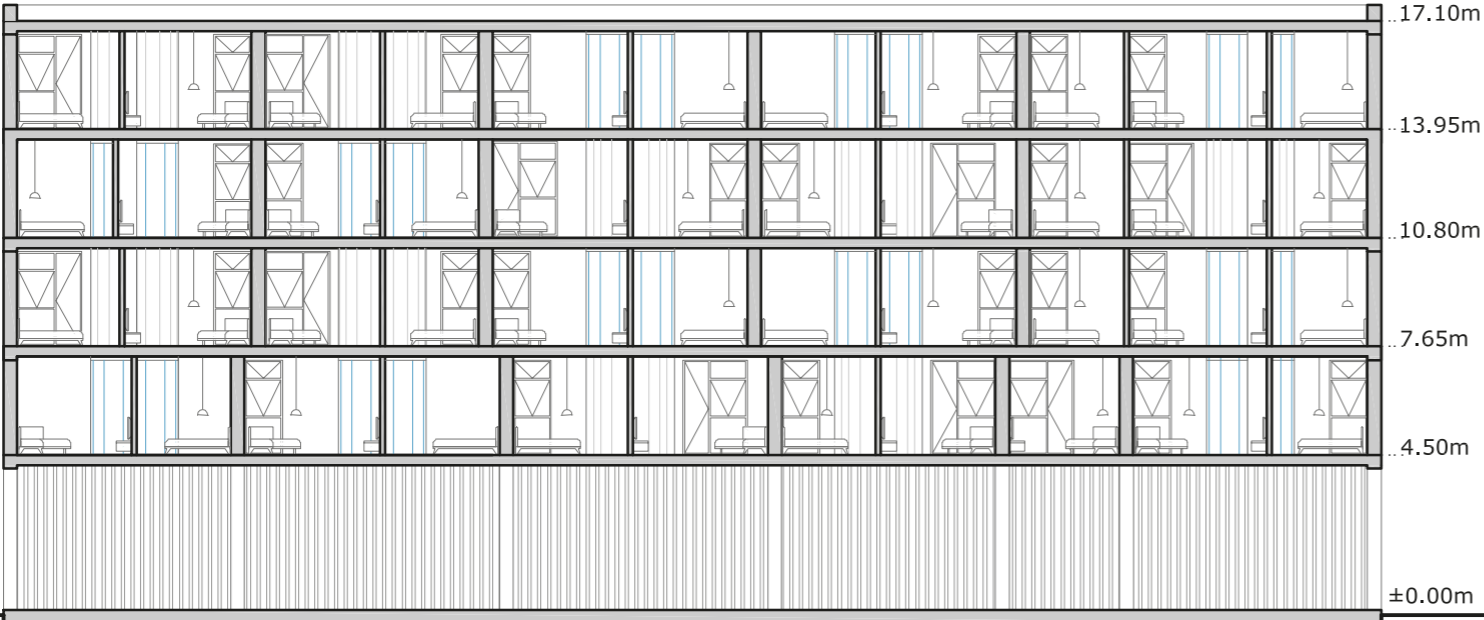


Elevation 6

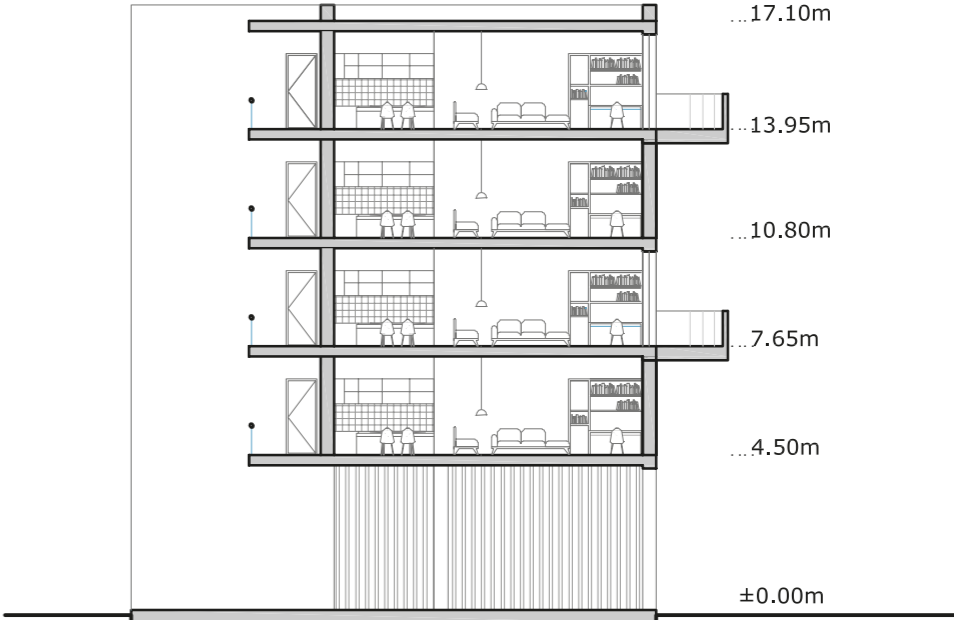


3rd floor plan

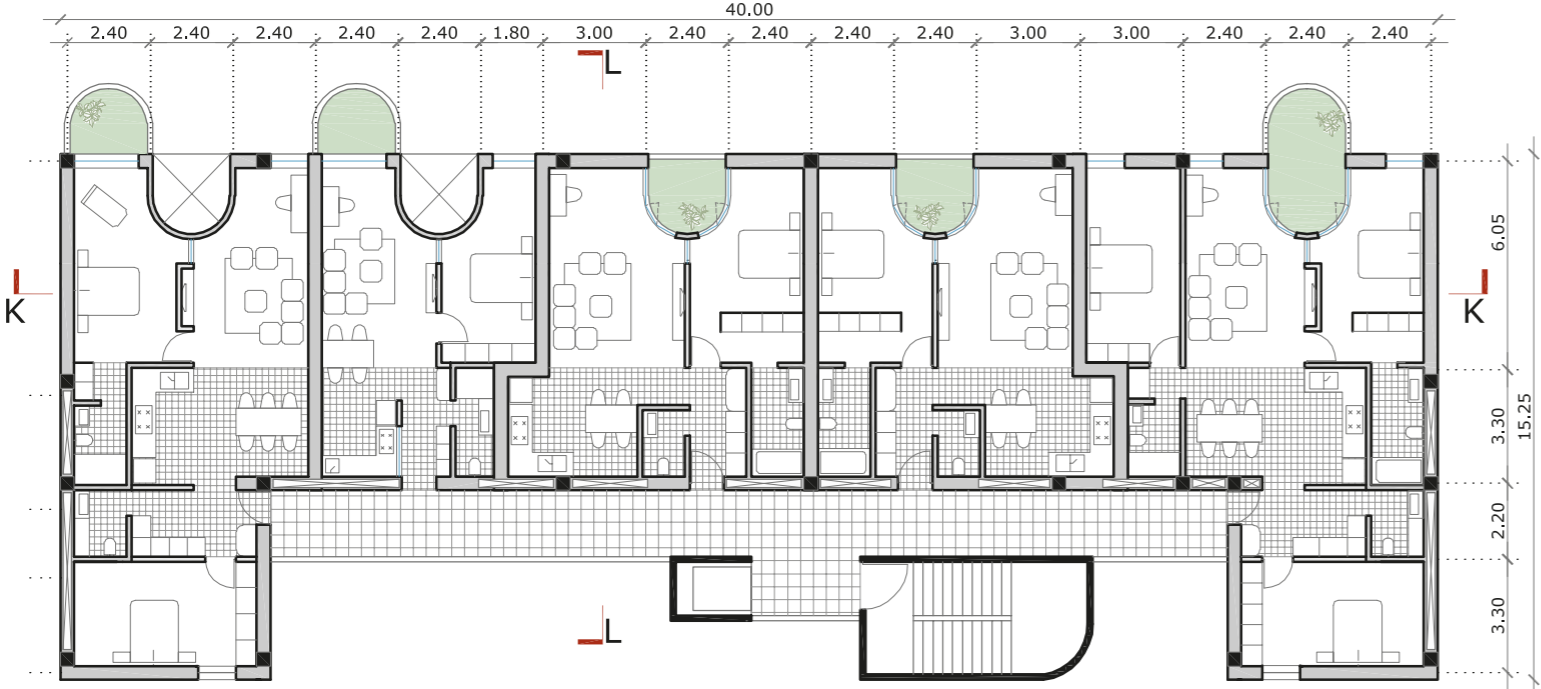




Section KK

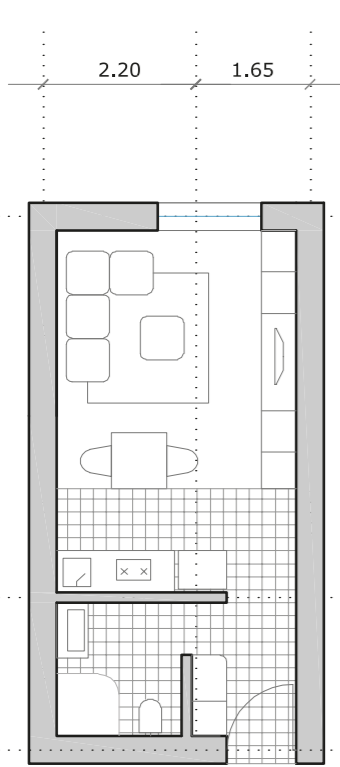


Section LL



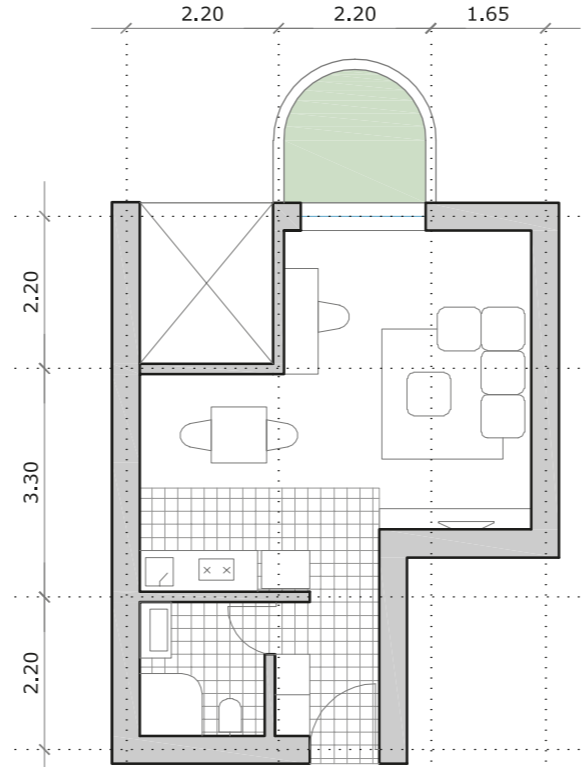
4th floor plan





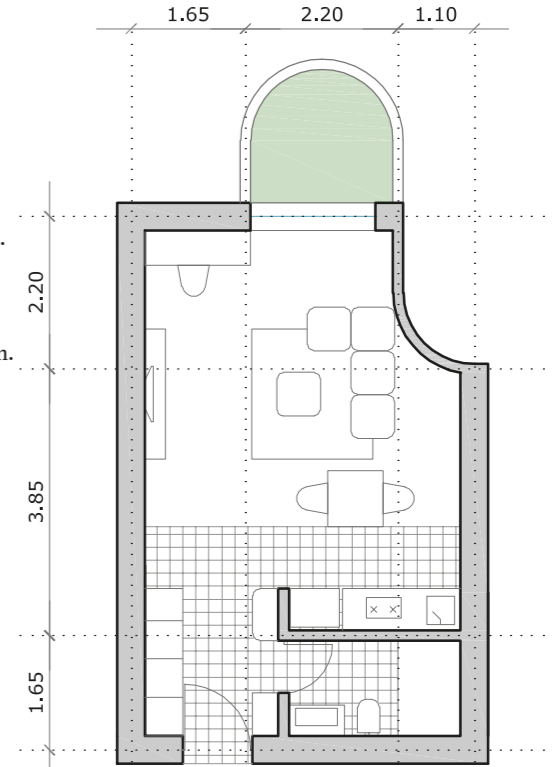
25-Section/Tower

Area measurement
 Living rooms = 17.8sq. m.
 Kitchen = 3.4 sq. m.
 Bathroom = 3.6sq. m.
 Total area of apartment = 24.8 sq. m.



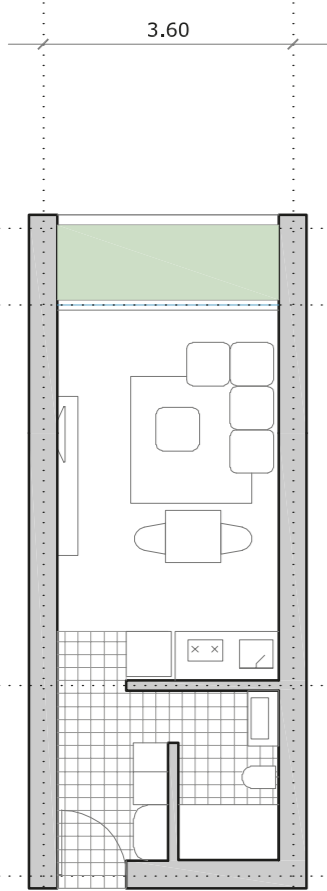
Unique apartment - Studio

Area measurement
 Living rooms = 22.8sq. m.
 Kitchen = 3.9 sq. m.
 Bathroom = 3.4sq. m.
 Sunroom = 4.4 x 0.3 = 1.32 sq. m.
 Total area of apartment = 31.42 sq. m.

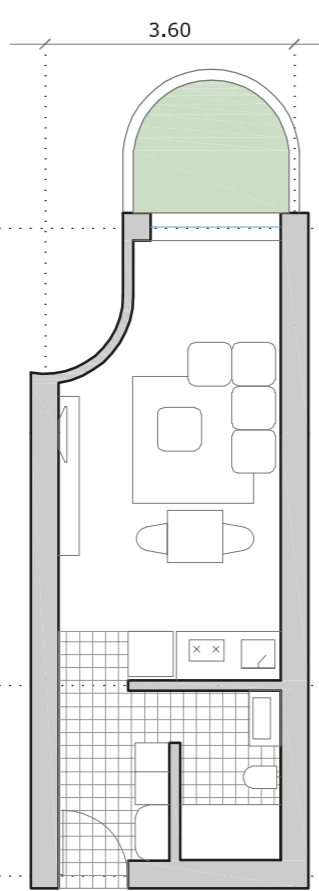


Unique apartment - Studio

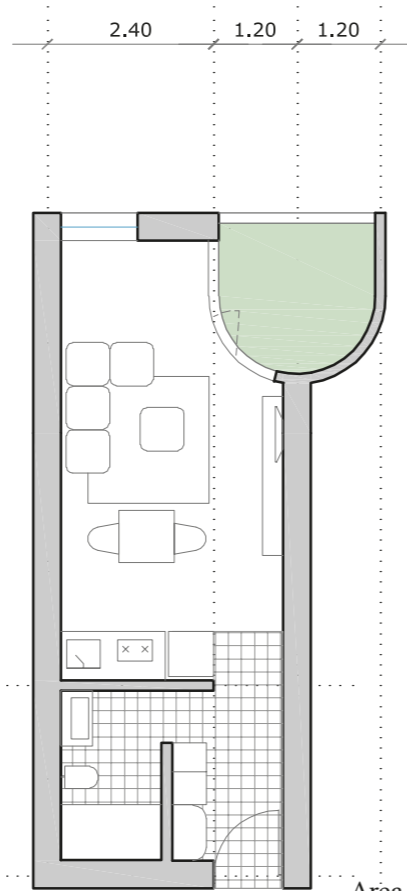
Area measurement
 Living rooms = 22.9sq. m.
 Kitchen = 3.5 sq. m.
 Bathroom = 3.4 sq. m.
 Sunroom = 4.4 x 0.3 = 1.32 sq. m.
 Total area of apartment = 31.12 sq. m.



25-Gallery- P1o2

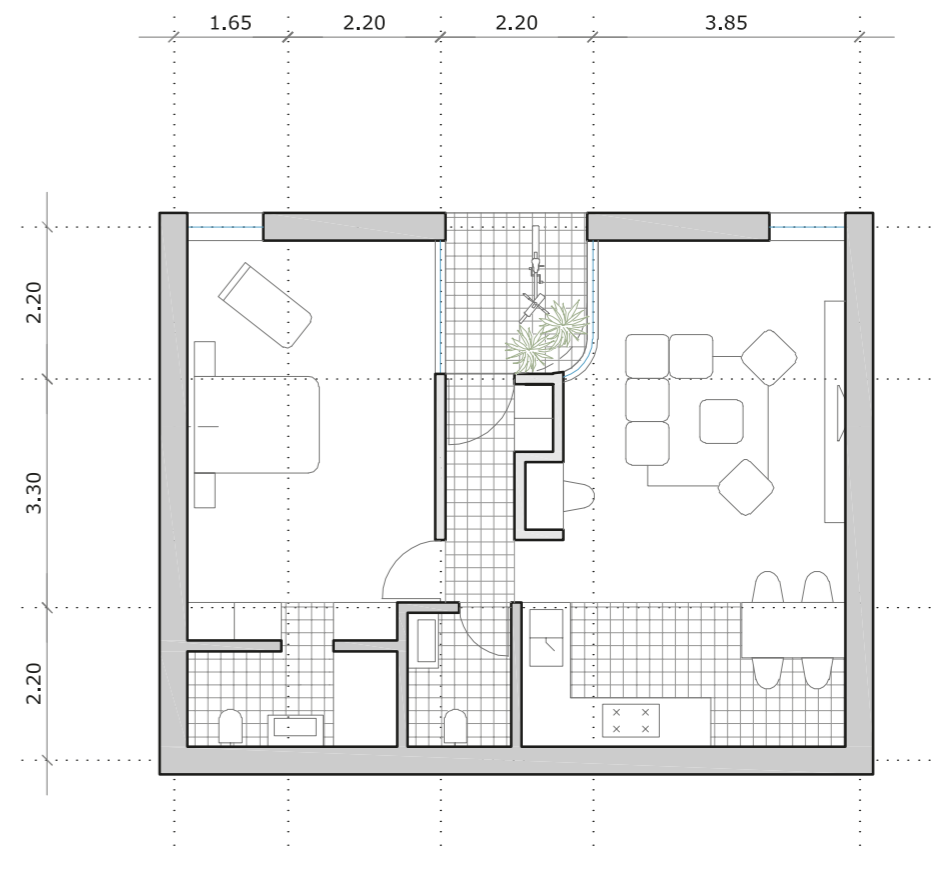


25-Gallery- PO

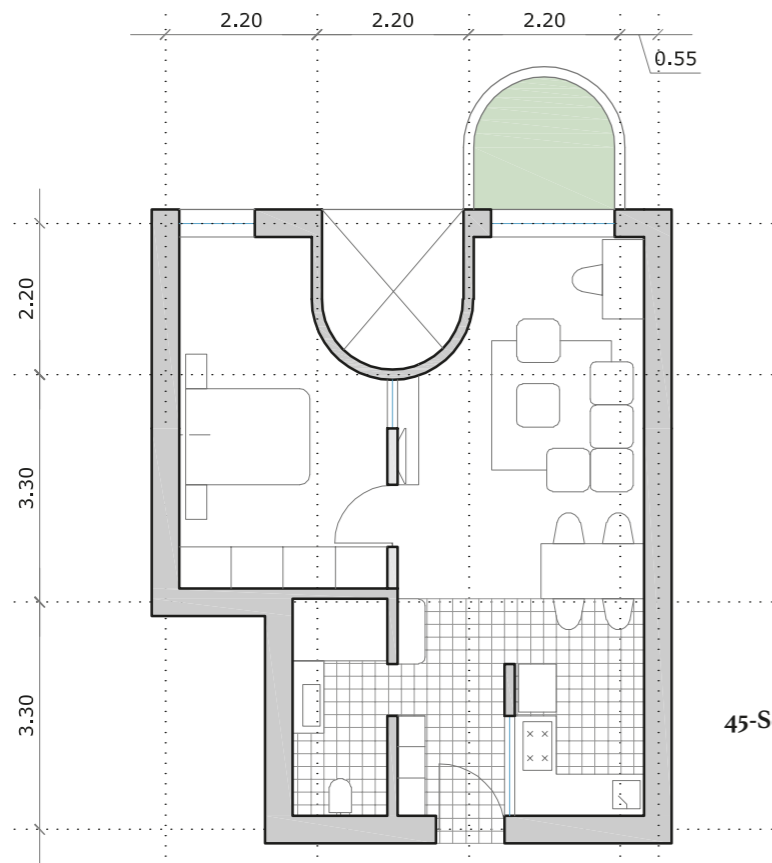


25-Gallery- P1o1

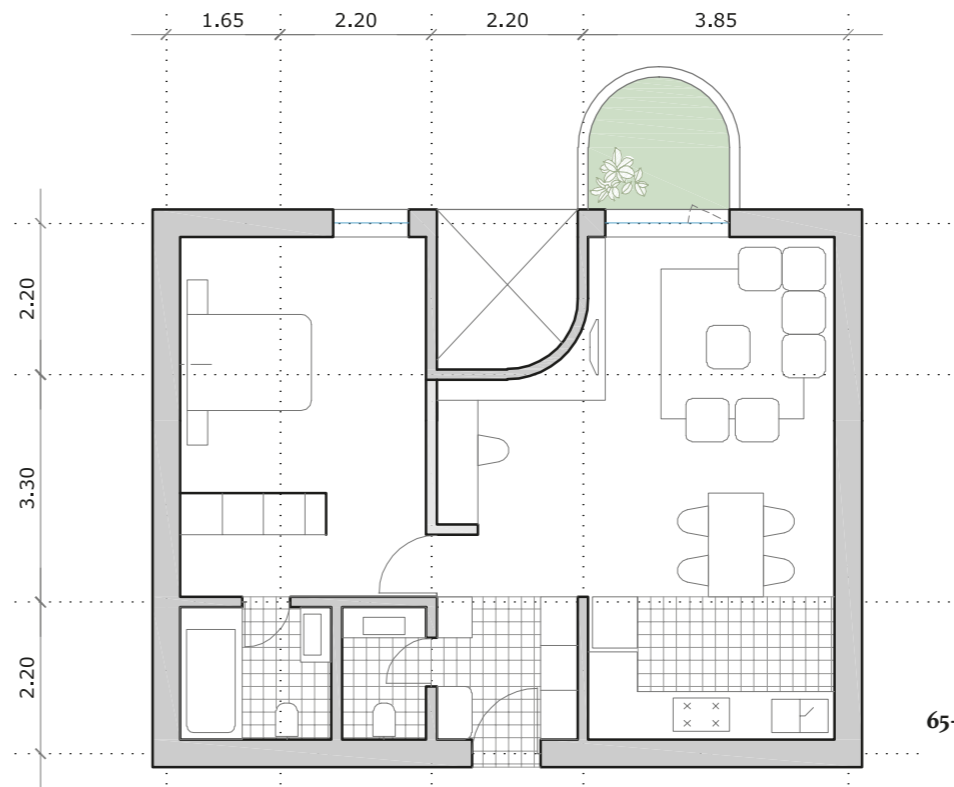
Area measurement
 Living rooms = 20.0sq. m.
 Kitchen = 3.0 sq. m.
 Bathroom = 3.6sq. m.
 Sun room = 4.4 x 0.3 = 1.32 sq. m.
 Total area of apartment = 27.9 sq. m.



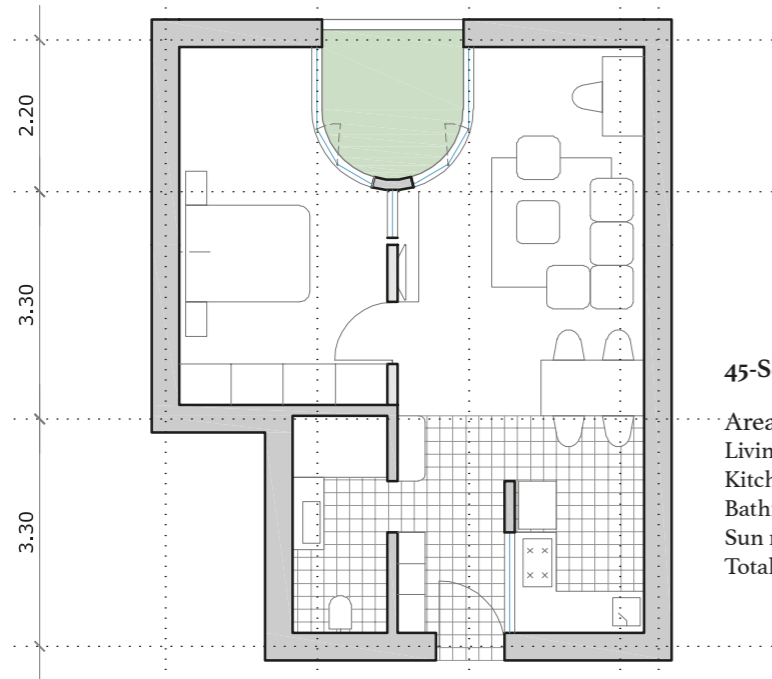
Alternative for ground floor apartment



45-Section/Tower- PO



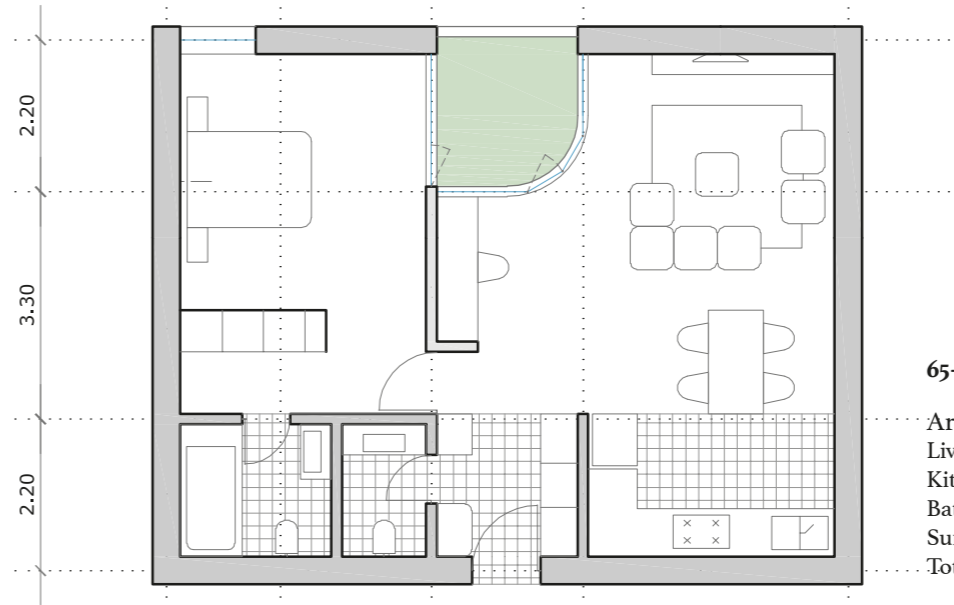
65-Section/Tower- PO



45-Section/Tower- PI



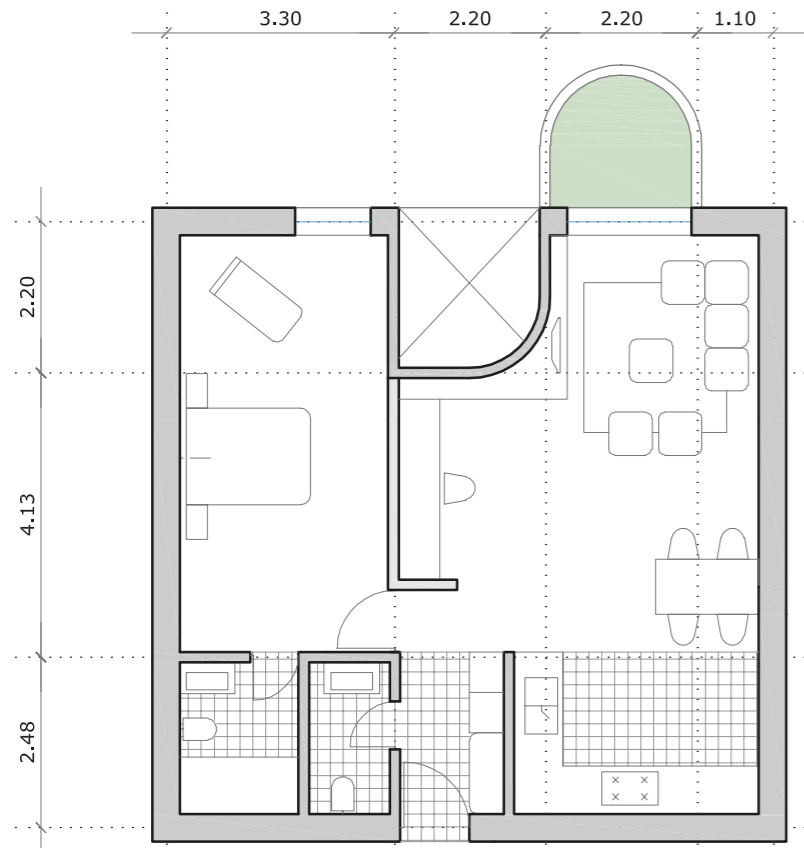
- Area measurement
- Living rooms = 37.3 sq. m.
 - Kitchen = 4.1 sq. m.
 - Bathroom = 4.3 sq. m.
 - Sun room = $4.2 \times 0.3 = 1.26$ sq. m
 - Total area of apartment = 46.96 sq. m.



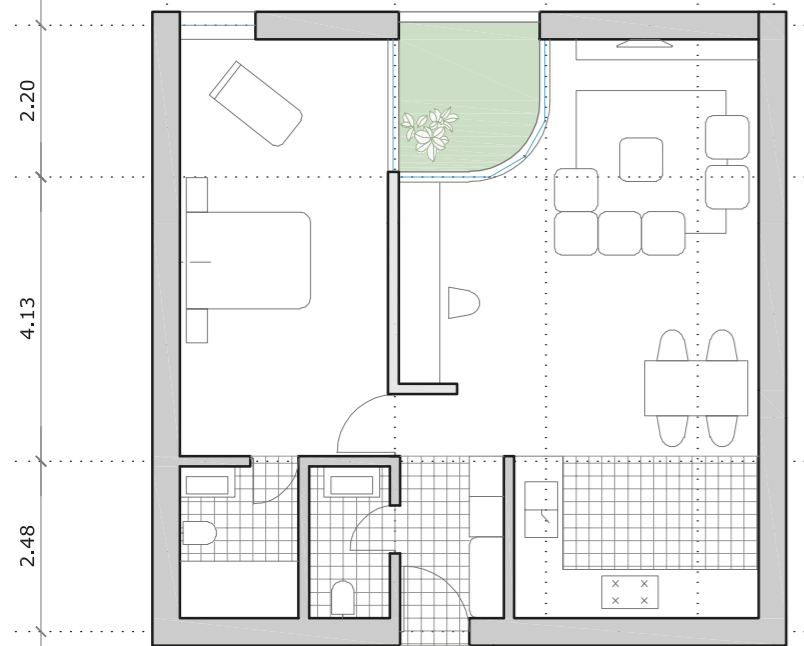
65-Section/Tower- PI



- Area measurement
- Living rooms = 49.1 sq. m.
 - Kitchen = 7.4 sq. m.
 - Bathroom = 6.59sq. m.
 - Sun room = $4.2 \times 0.3 = 1.26$ sq. m.
 - Total area of apartment = 64.35 sq. m.



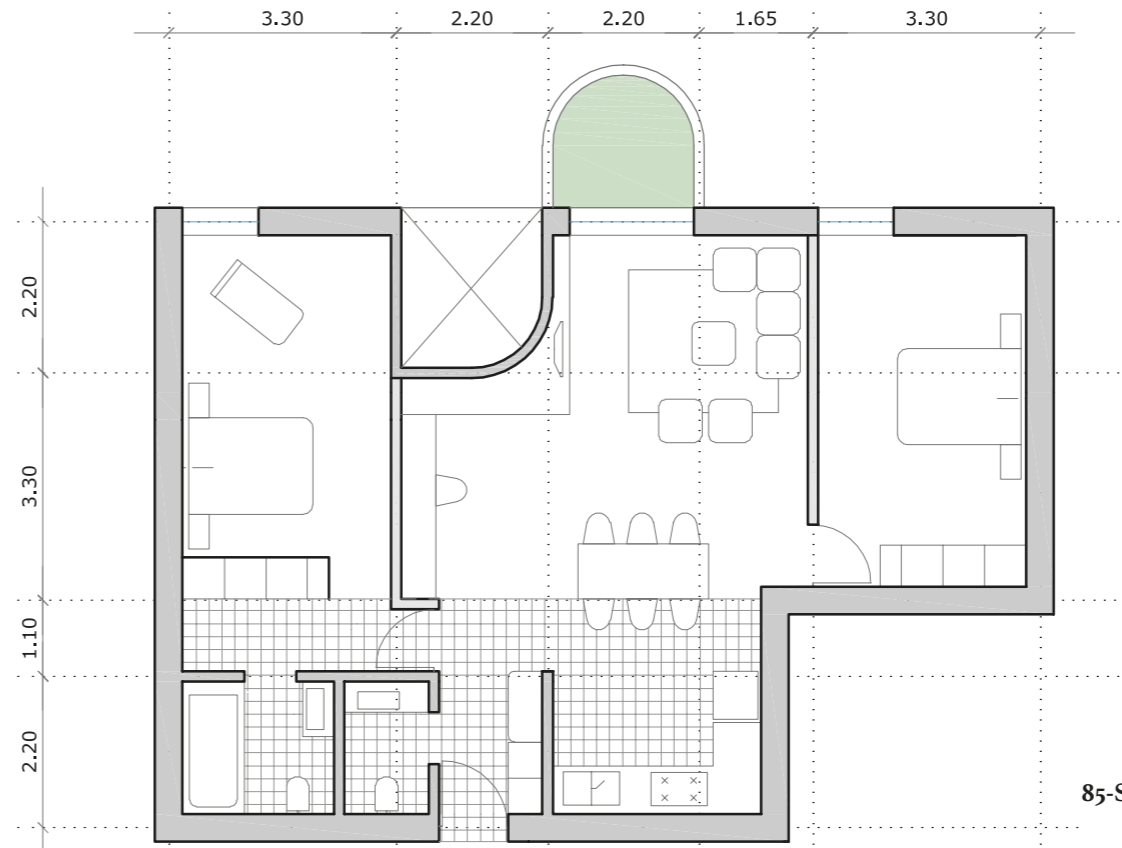
65-Section/Tower- PO



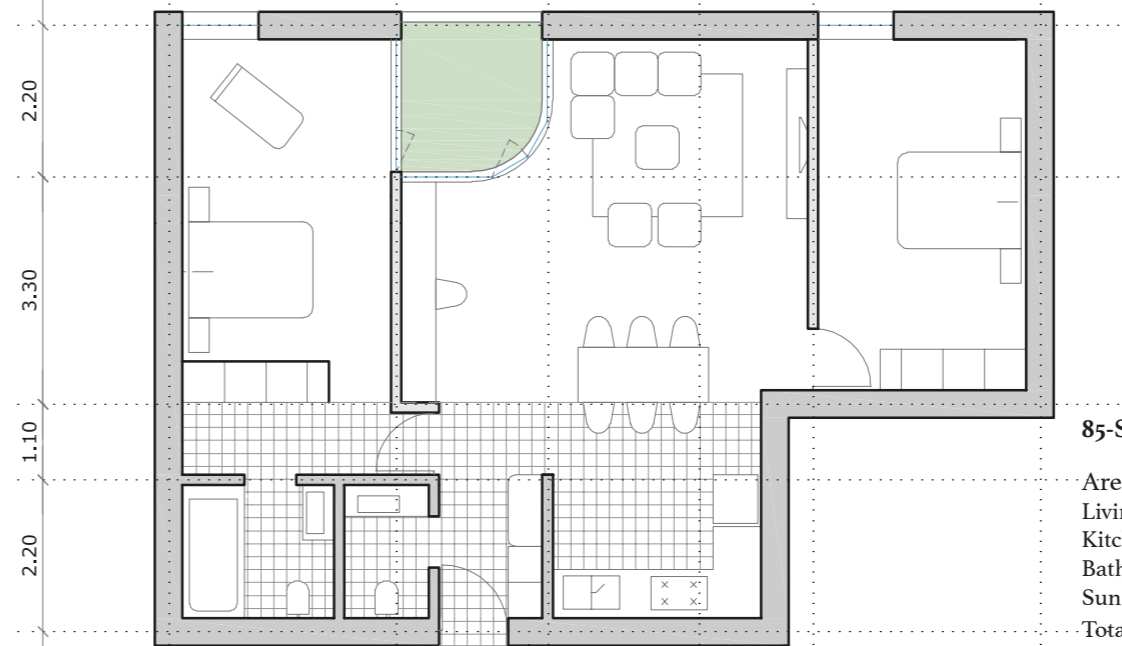
65-Section/Tower- PI



Area measurement
 Living rooms = 49.3 sq. m.
 Kitchen = 8.3 sq. m.
 Bathroom = 6.1 sq. m.
 Sun room = 4.2 x 0.3 = 1.26 sq. m.
 Total area of apartment = 64.96 sq. m.



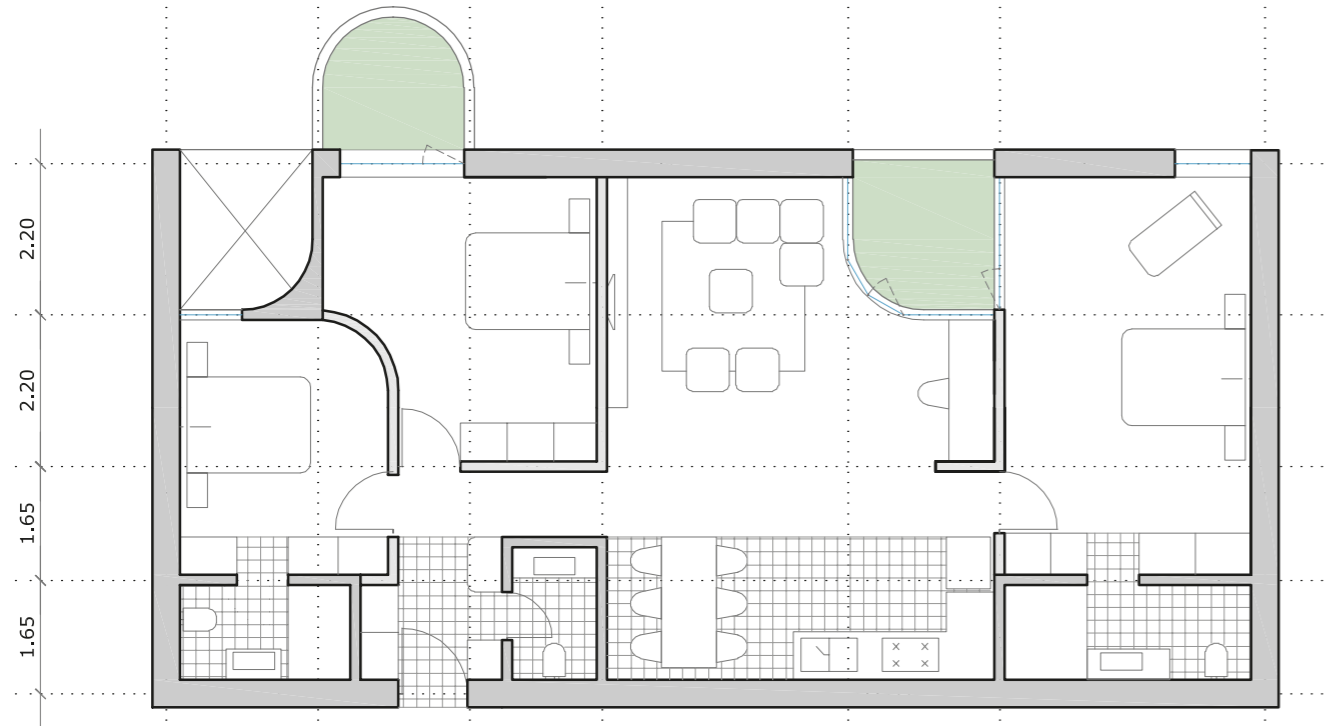
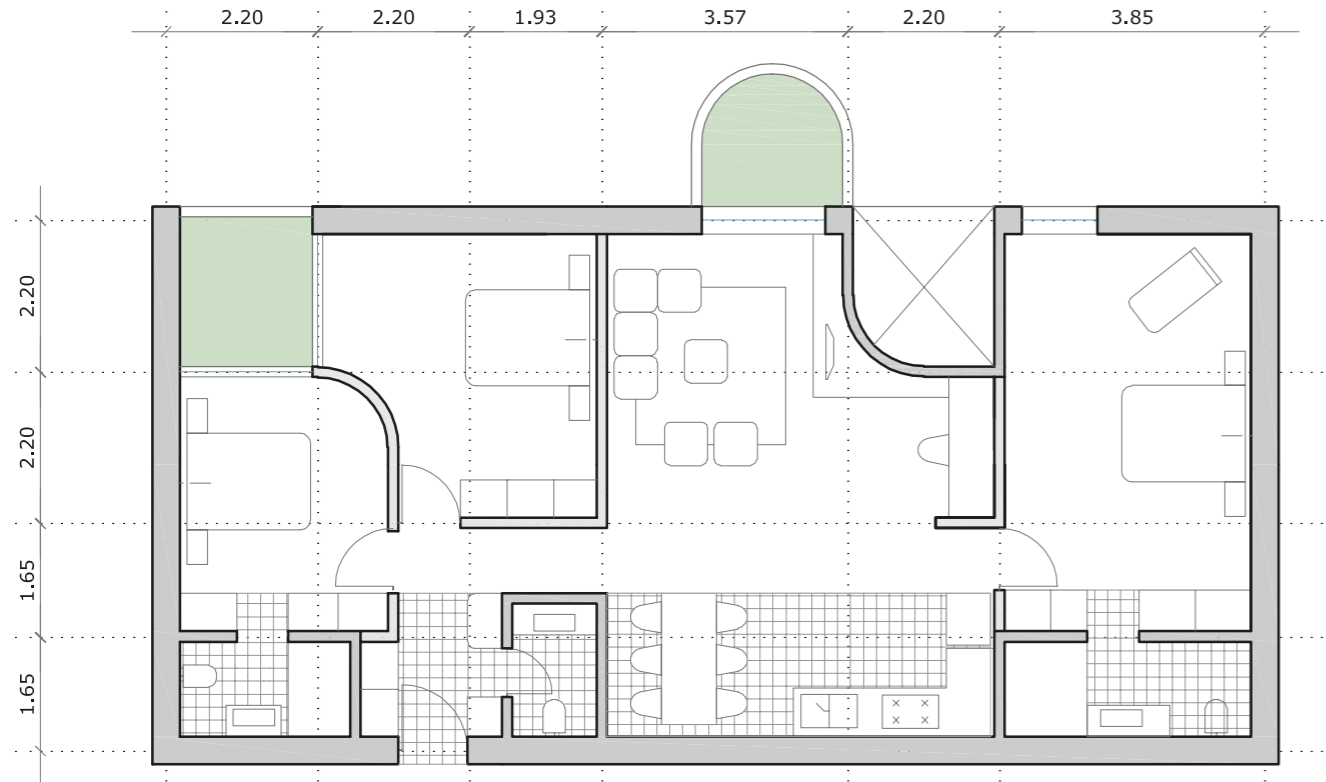
85-Section/Tower- PO



85-Section/Tower- PI



Area measurement
 Living rooms = 70.3 sq. m.
 Kitchen = 6.3 sq. m.
 Bathroom = 6.59 sq. m.
 Sun room = 4.2 x 0.3 = 1.26 sq. m.
 Total area of apartment = 84.44 sq. m.



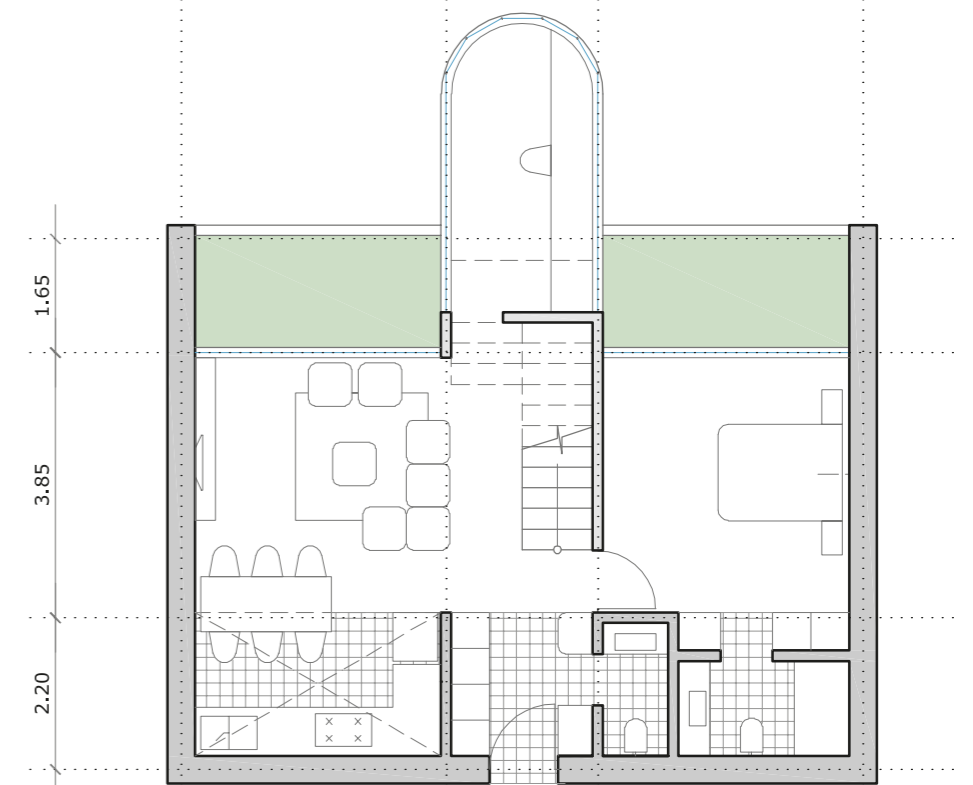
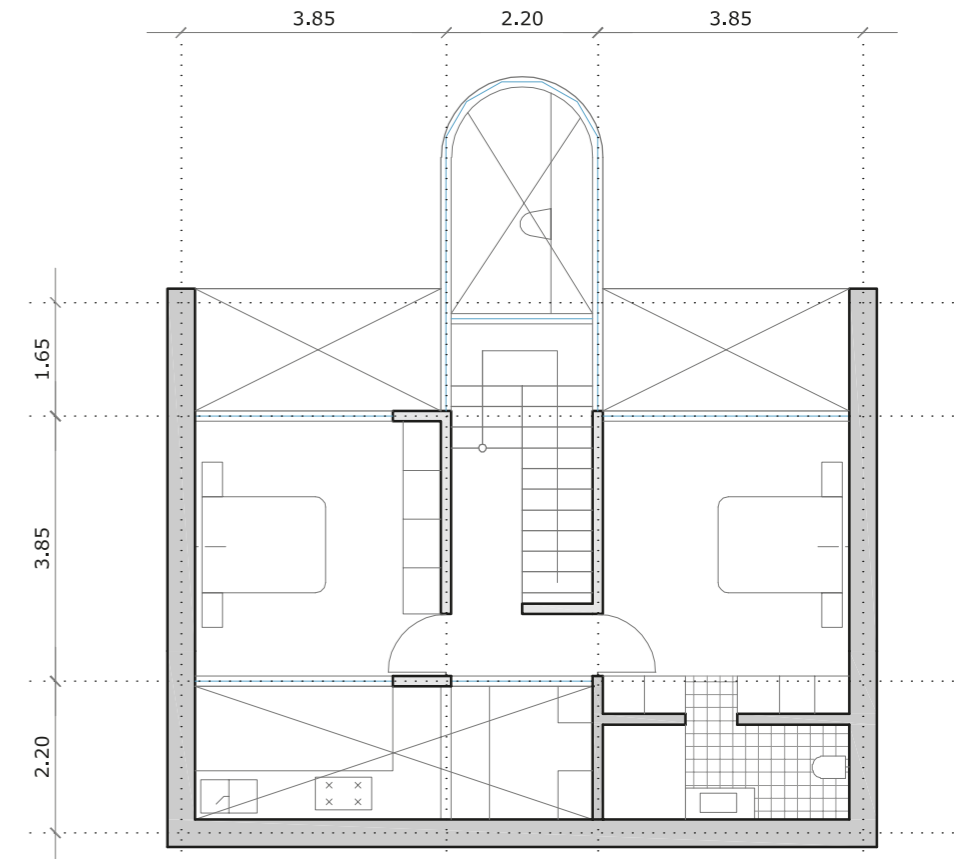
105-Section/Tower- PO



105-Section/Tower- PI



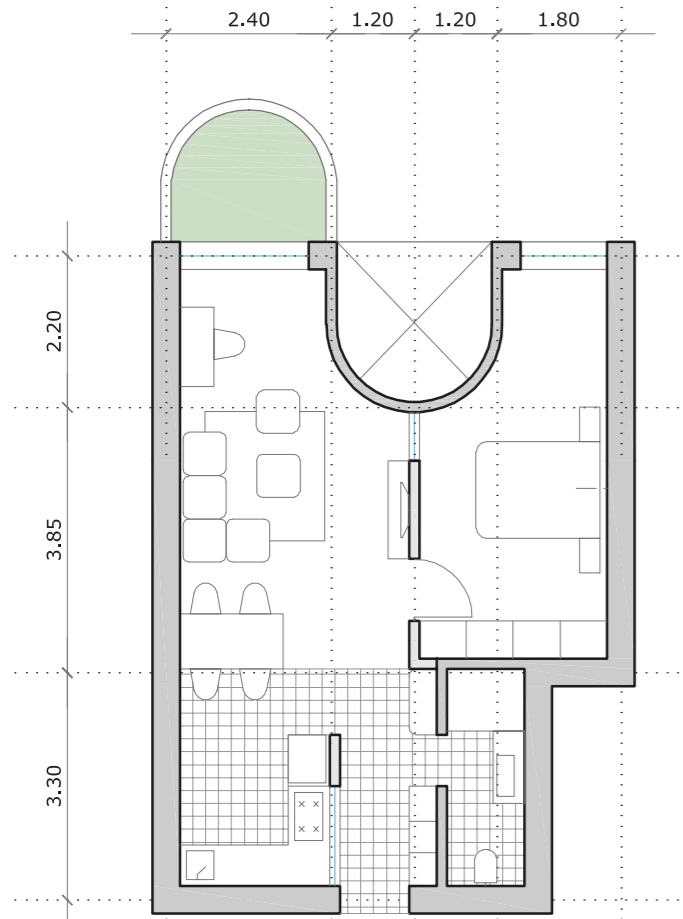
Area measurement	
Living rooms	= 83.8sq. m.
Kitchen	= 6.2 sq. m.
Bathroom	= 10.7sq. m.
Sun room	= 7.7 x 0.3 = 2.31 sq. m.
Total area of apartment	= 103 sq. m.



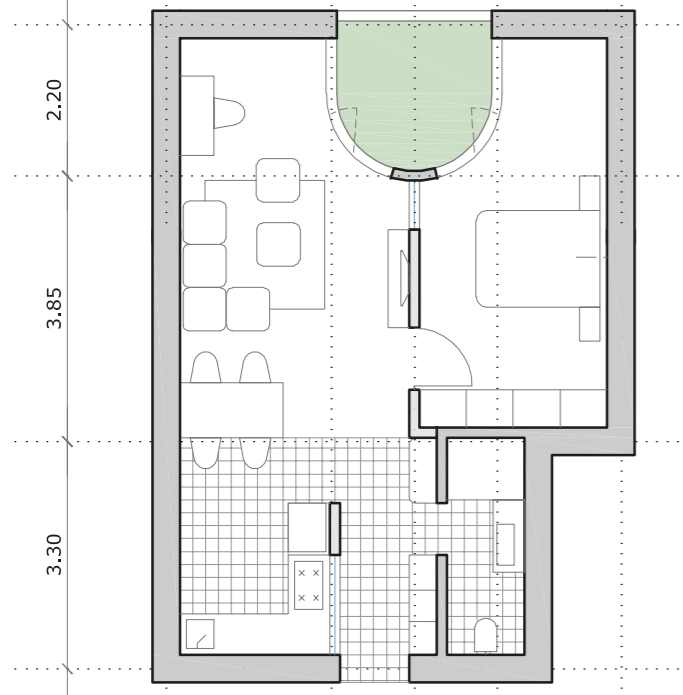
105-Section/Tower-Duplex



Area measurement	
Living rooms	= 83.6sq. m.
Kitchen	= 7.4 sq. m.
Bathroom	= 10.15sq. m.
Sun room	= 11.6 x 0.3 = 3.48 sq. m.
Total area of apartment	= 104.16 sq. m.



45 - Gallery - PO



45 - Gallery - PI

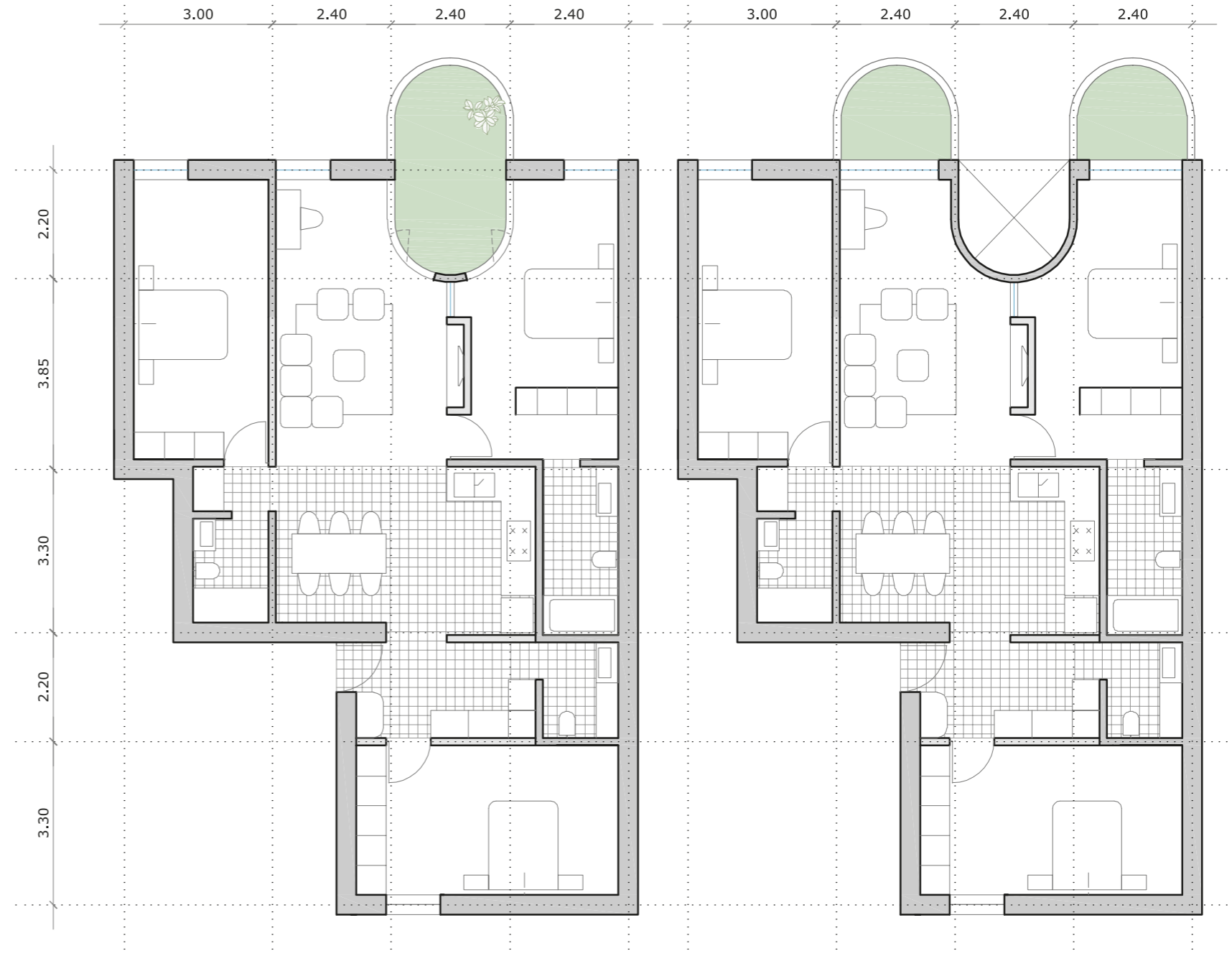


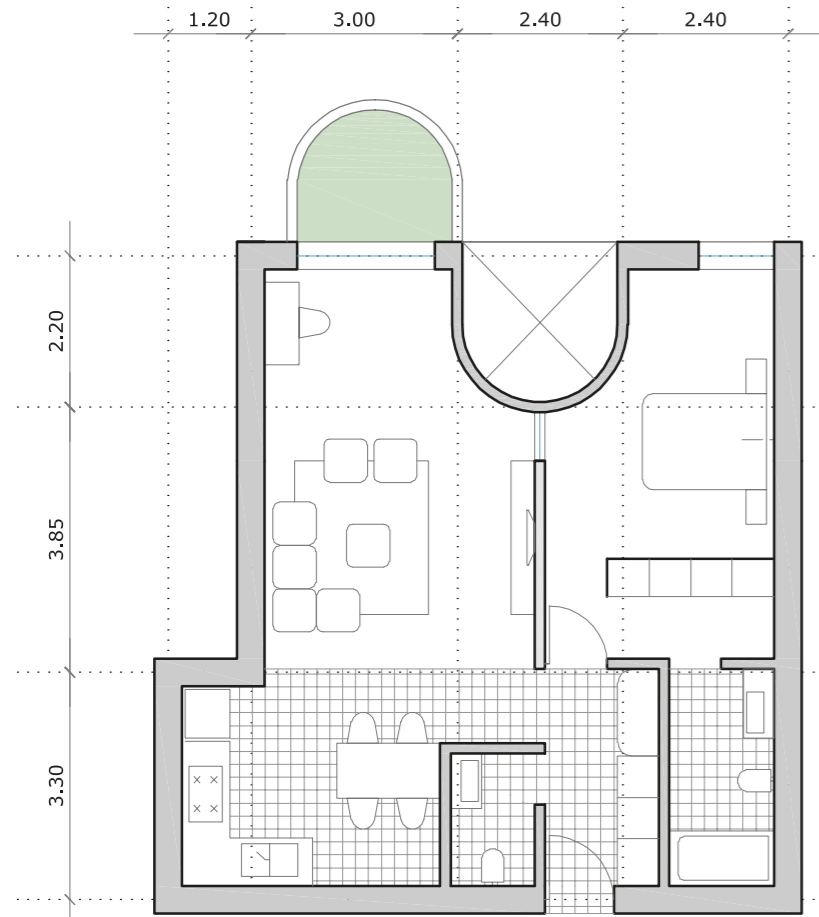
Area measurement
 Living rooms = 37.3sq. m.
 Kitchen = 4.8 sq. m.
 Bathroom = 3.6sq. m.
 Sun room = 4.4 x 0.3= 1.32 sq. m
 Total area of apartment = 47 sq. m.

Area measurement
 Living rooms = 83.6sq. m.
 Kitchen = 7.4 sq. m.
 Bathroom = 10.15sq. m.
 Sun room = 11.6 x 0.3= 3.48 sq. m
 Total area of apartment = 104.16 sq. m.

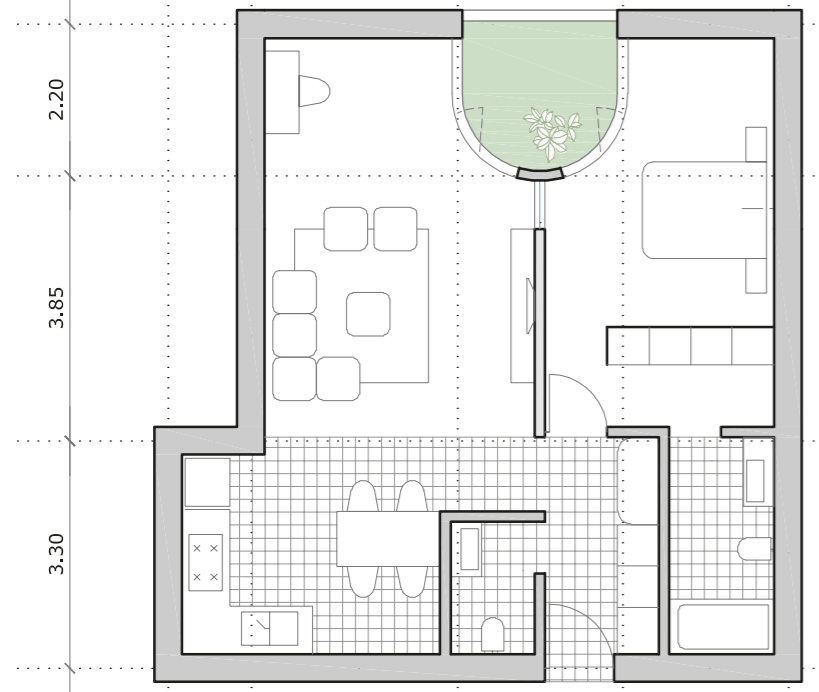
105- Gallery - PI

105-Gallery PO





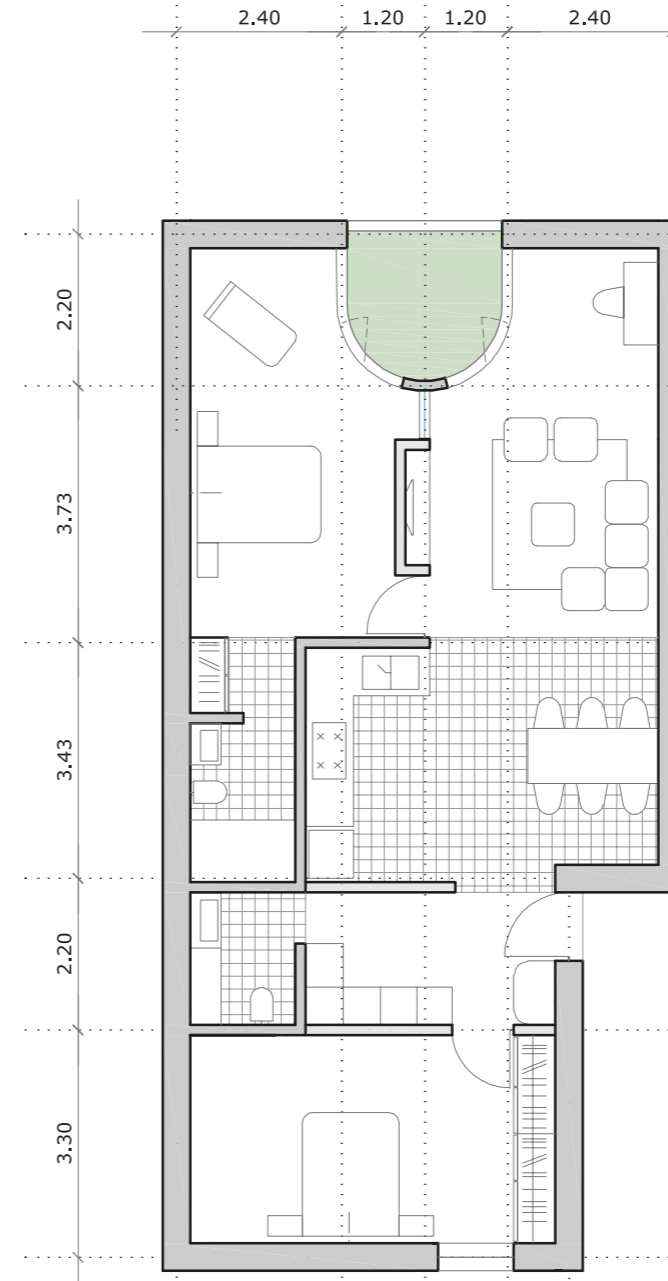
65 - Gallery- PO 



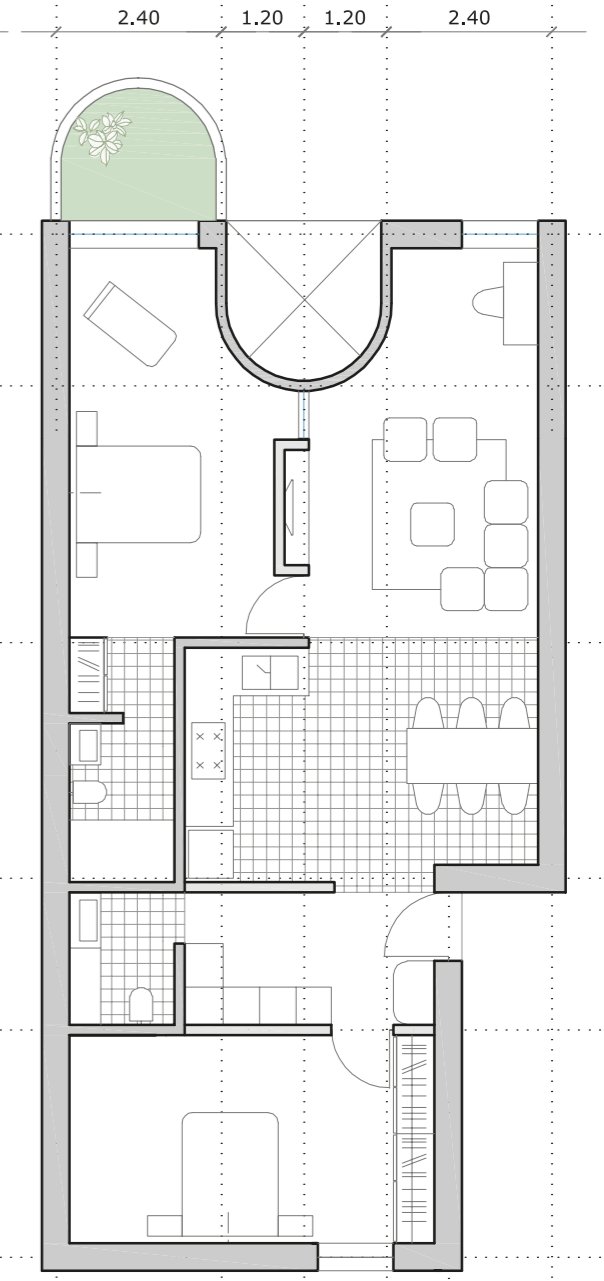
65 - Gallery- PI 

Area measurement
 Living rooms = 50.5sq. m.
 Kitchen = 5.5 sq. m.
 Bathroom = 7.2sq. m.
 Sun room = 4.4 x 0.3= 1.32 sq. m
 Total area of apartment = 64.52 sq. m.

 85- Gallery - PI

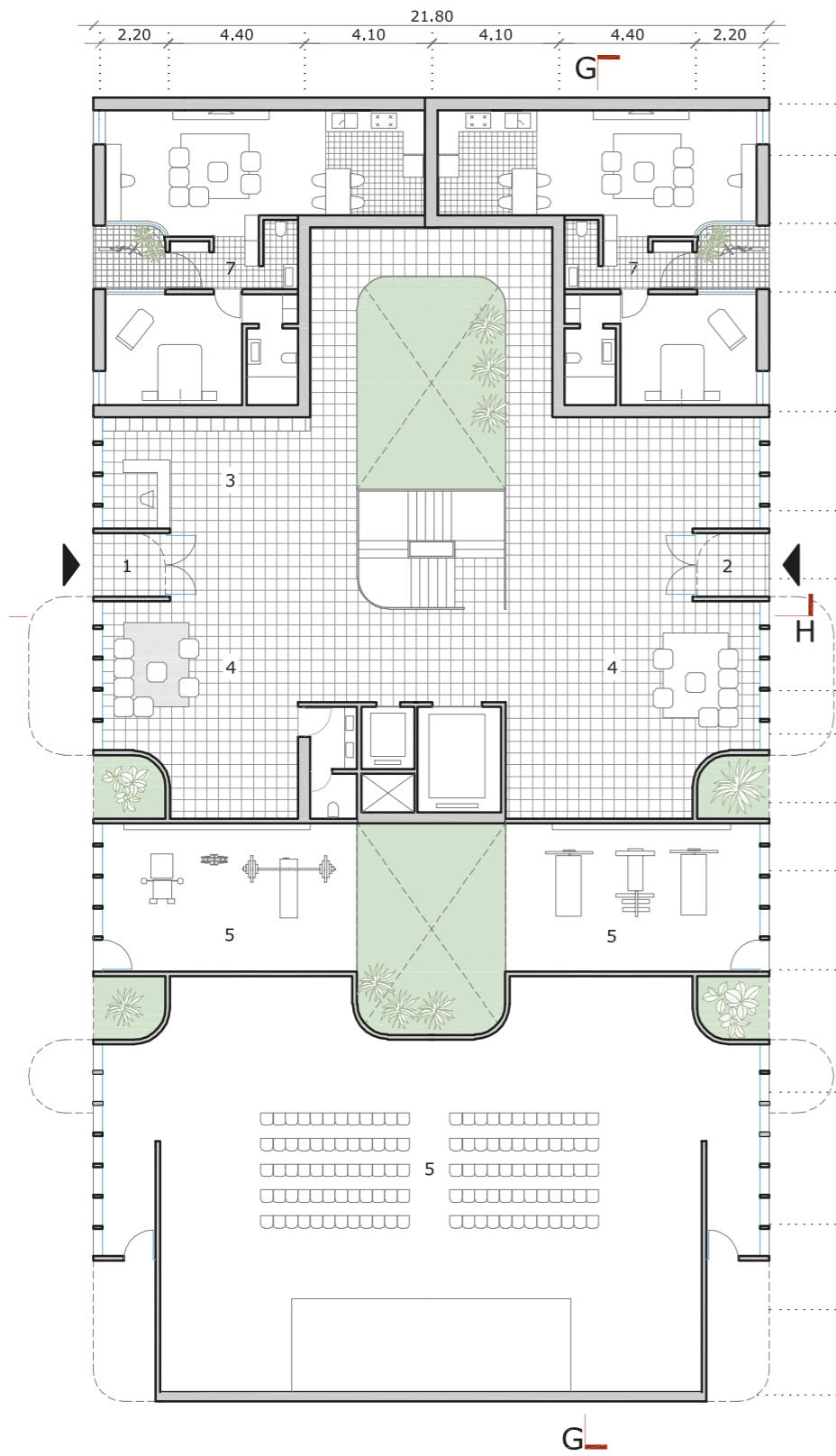


 85-Gallery PO

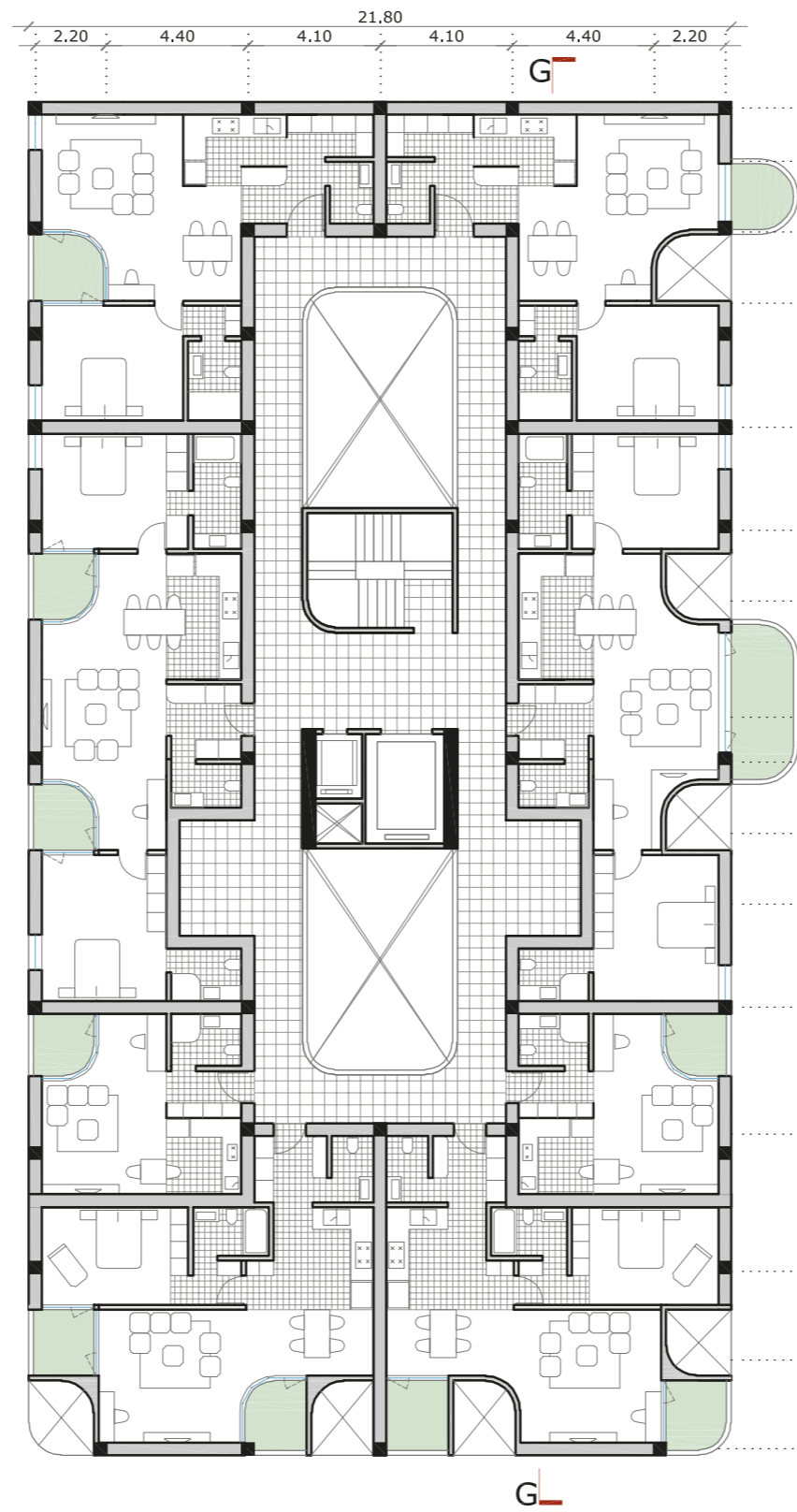
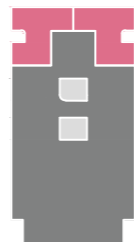


Area measurement
 Living rooms = 70.0sq. m.
 Kitchen = 6.1 sq. m.
 Bathroom = 6.4sq. m.
 Sun room = 4.4 x 0.3= 1.32 sq. m
 Total area of apartment = 83.82 sq. m.

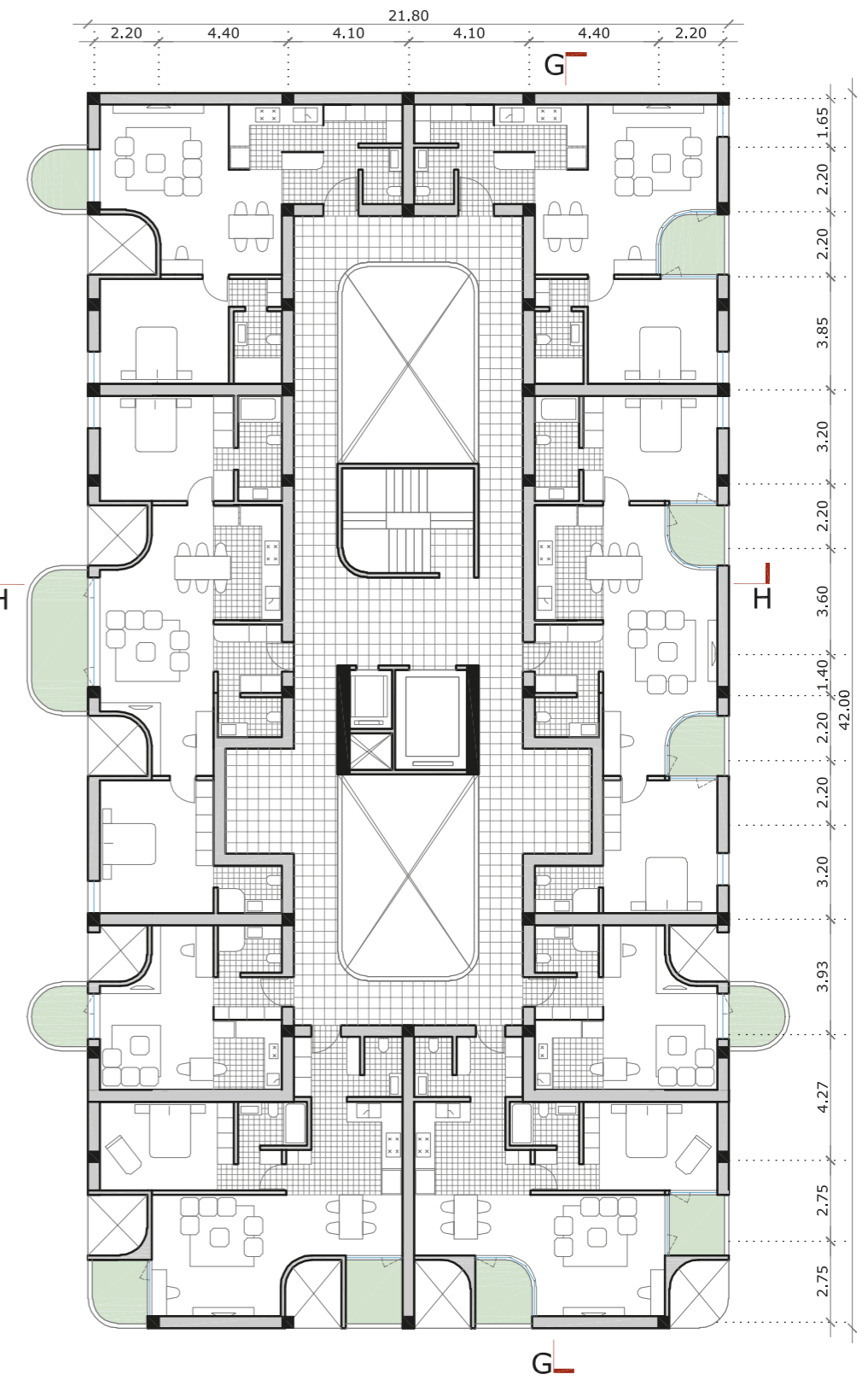
Section building - Large size apartments



Ground floor plan



1st floor plan



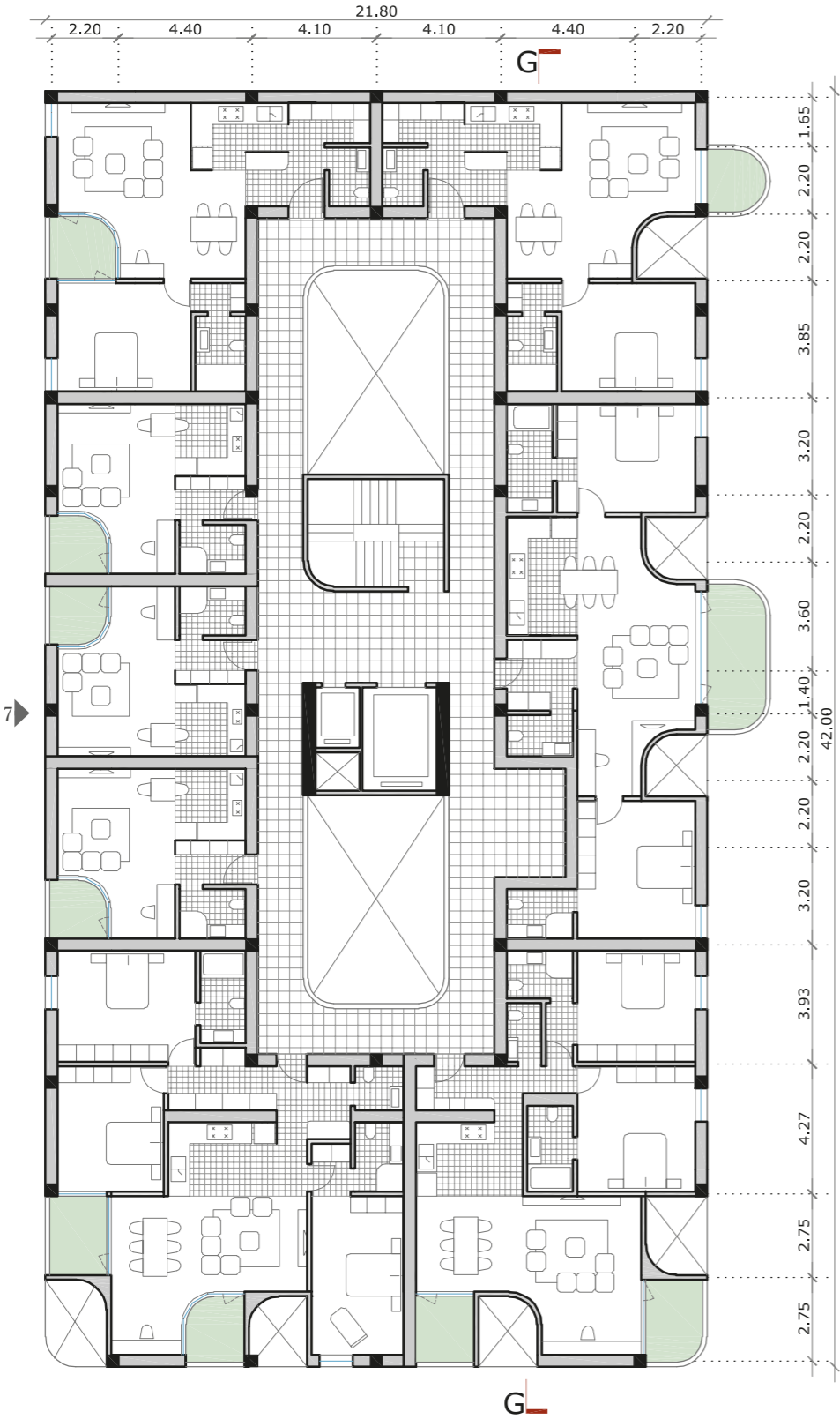
2nd floor plan



Legend

- 1. Entry 1
- 2. Entry 2
- 3. Security and mail box
- 4. Lobby
- 5. Space for renting
- 6. Concierge room
- 7. Alternative for units in the ground floor

Section building - Large size apartments

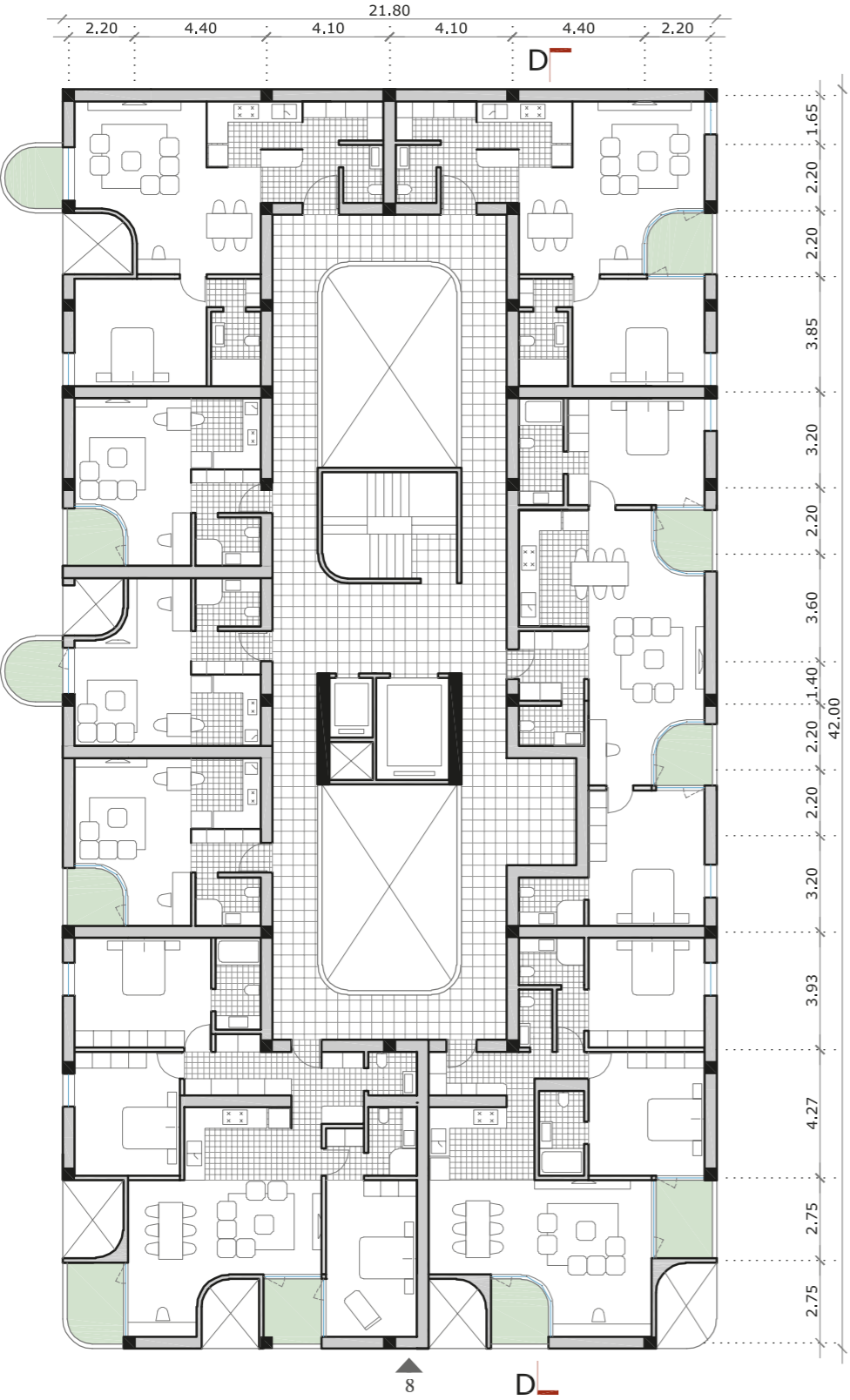


3rd floor plan



Elevation 7

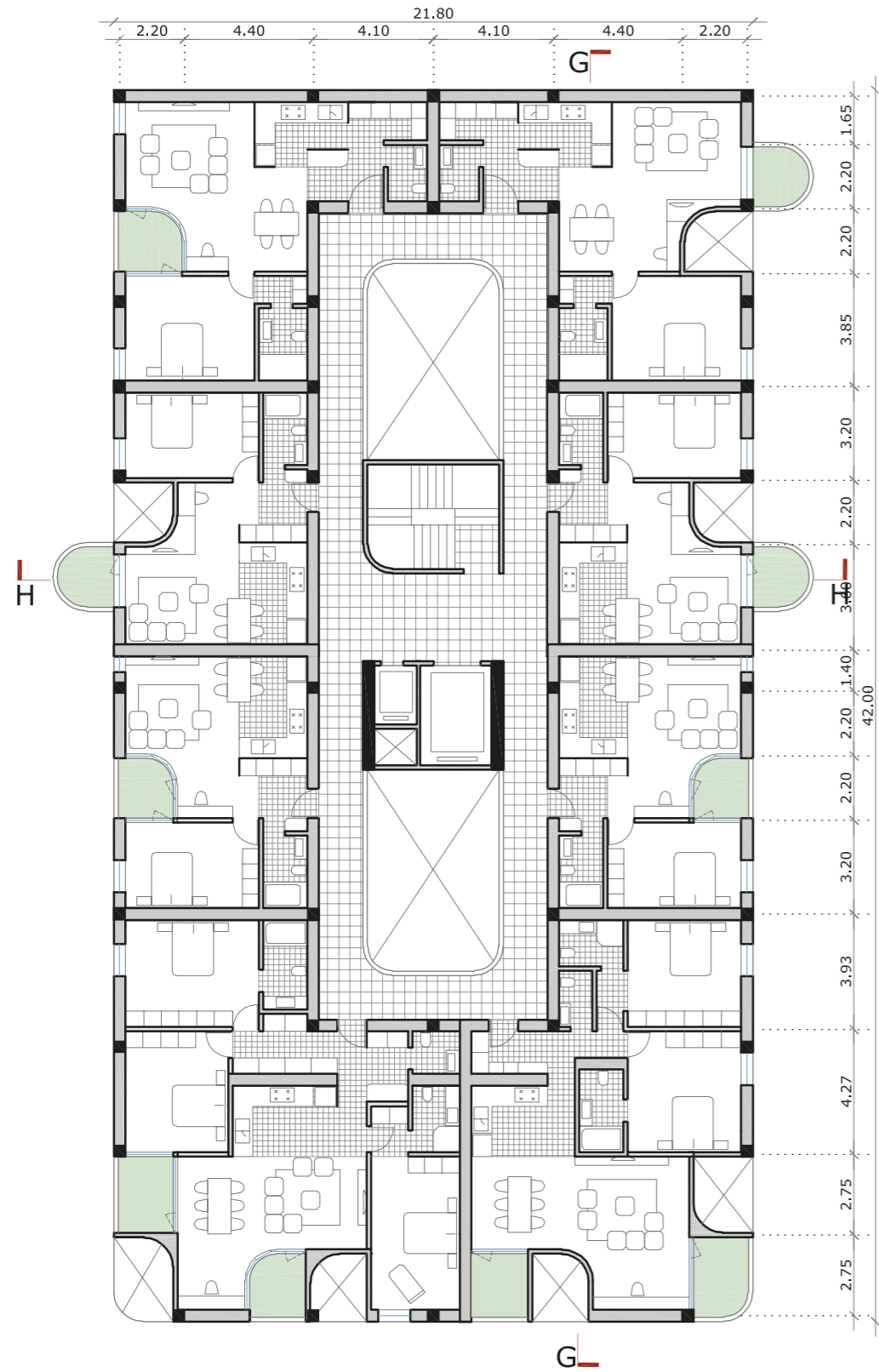
Section building - Large size apartments



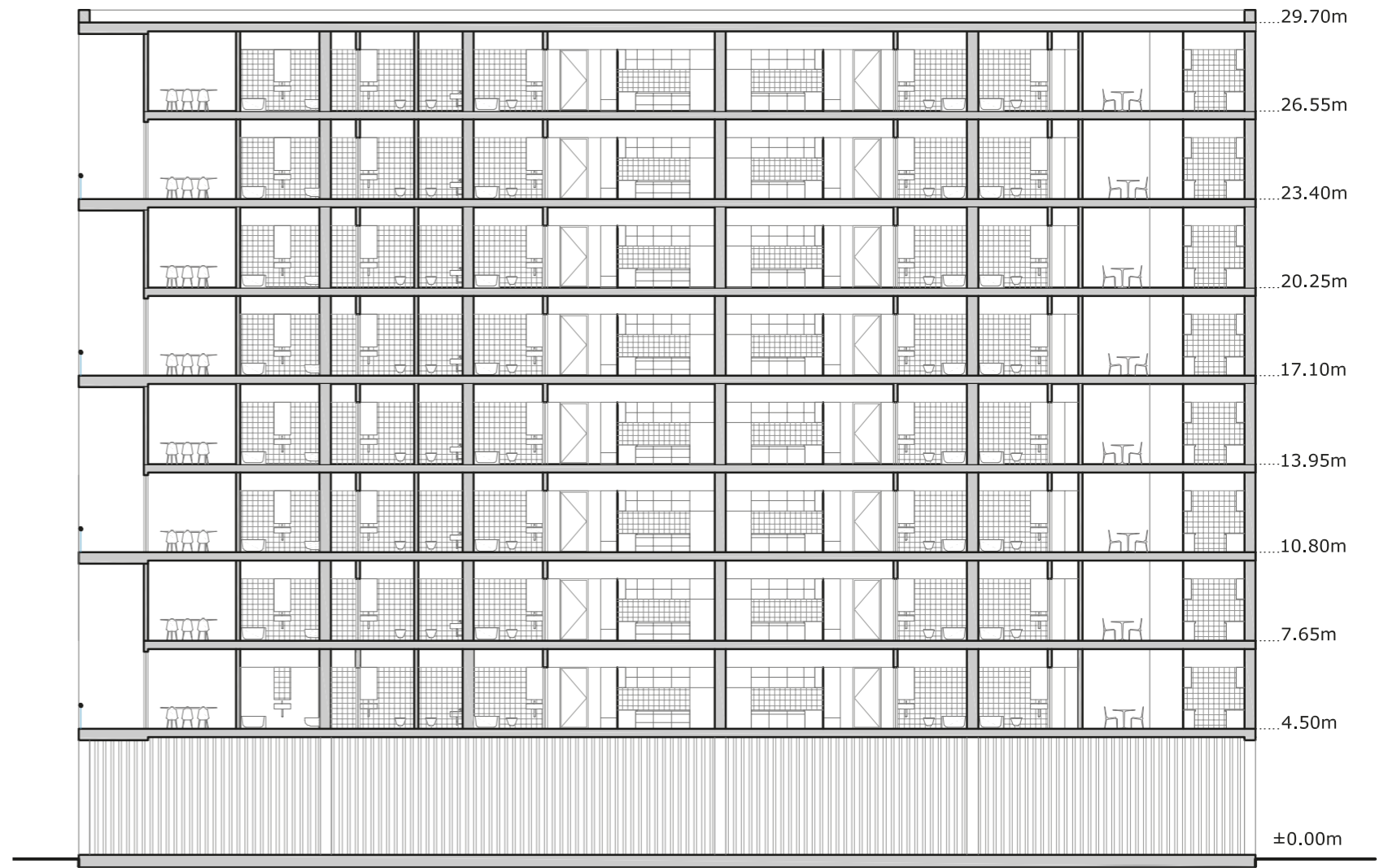
4th floor plan



Elevation 8

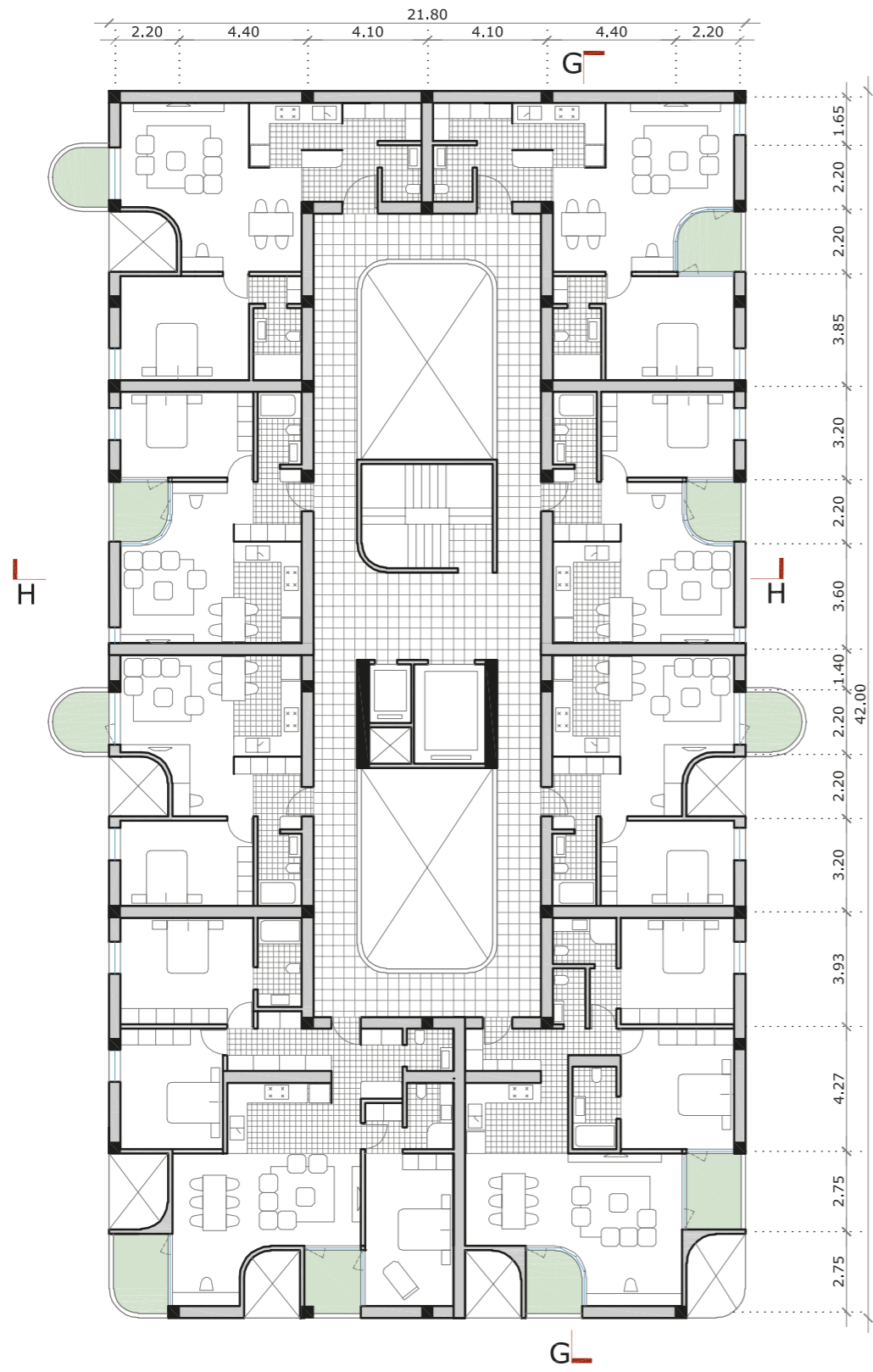


5th and 7th floor plan

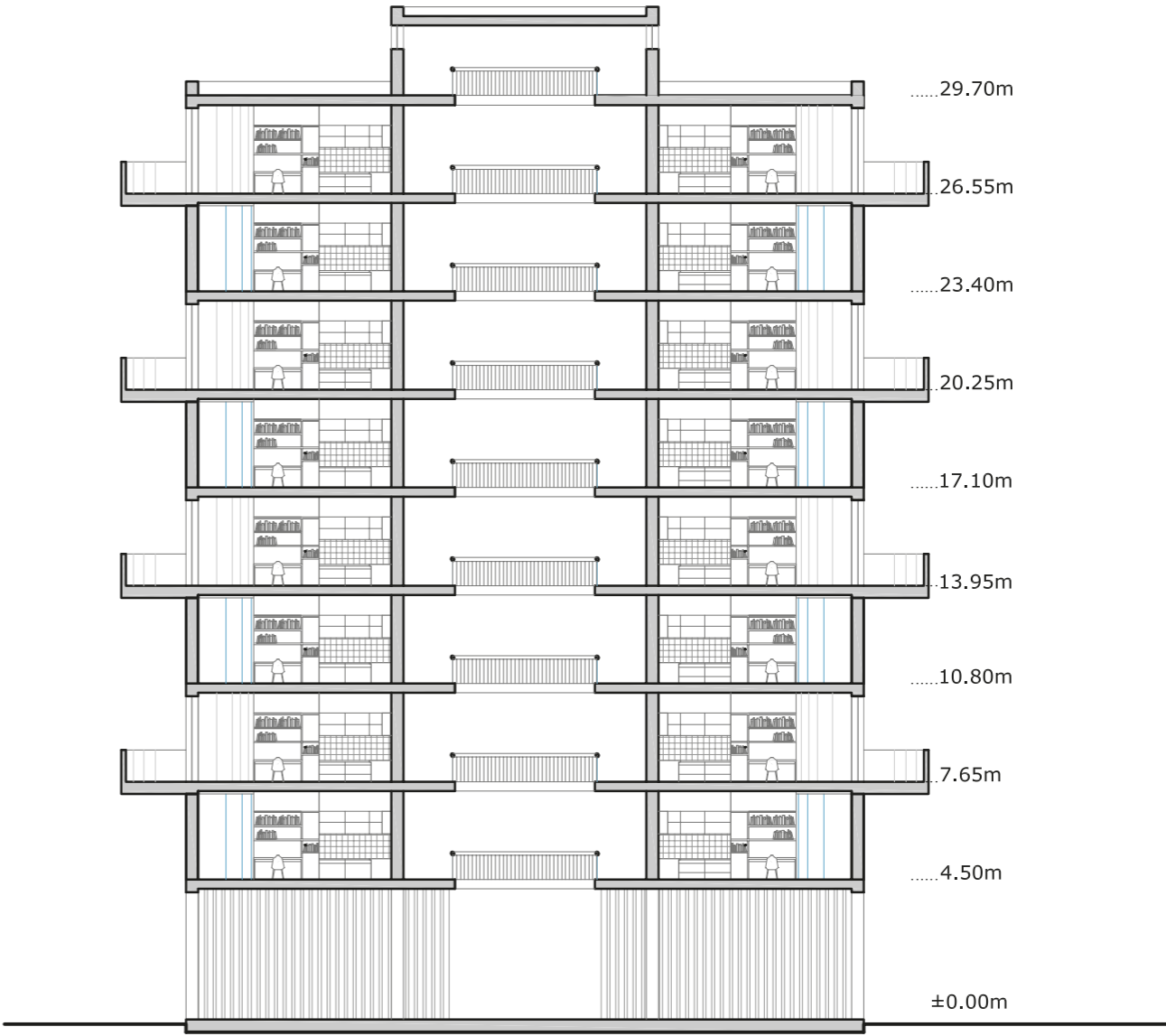


Section GG

Section building - Large size apartments

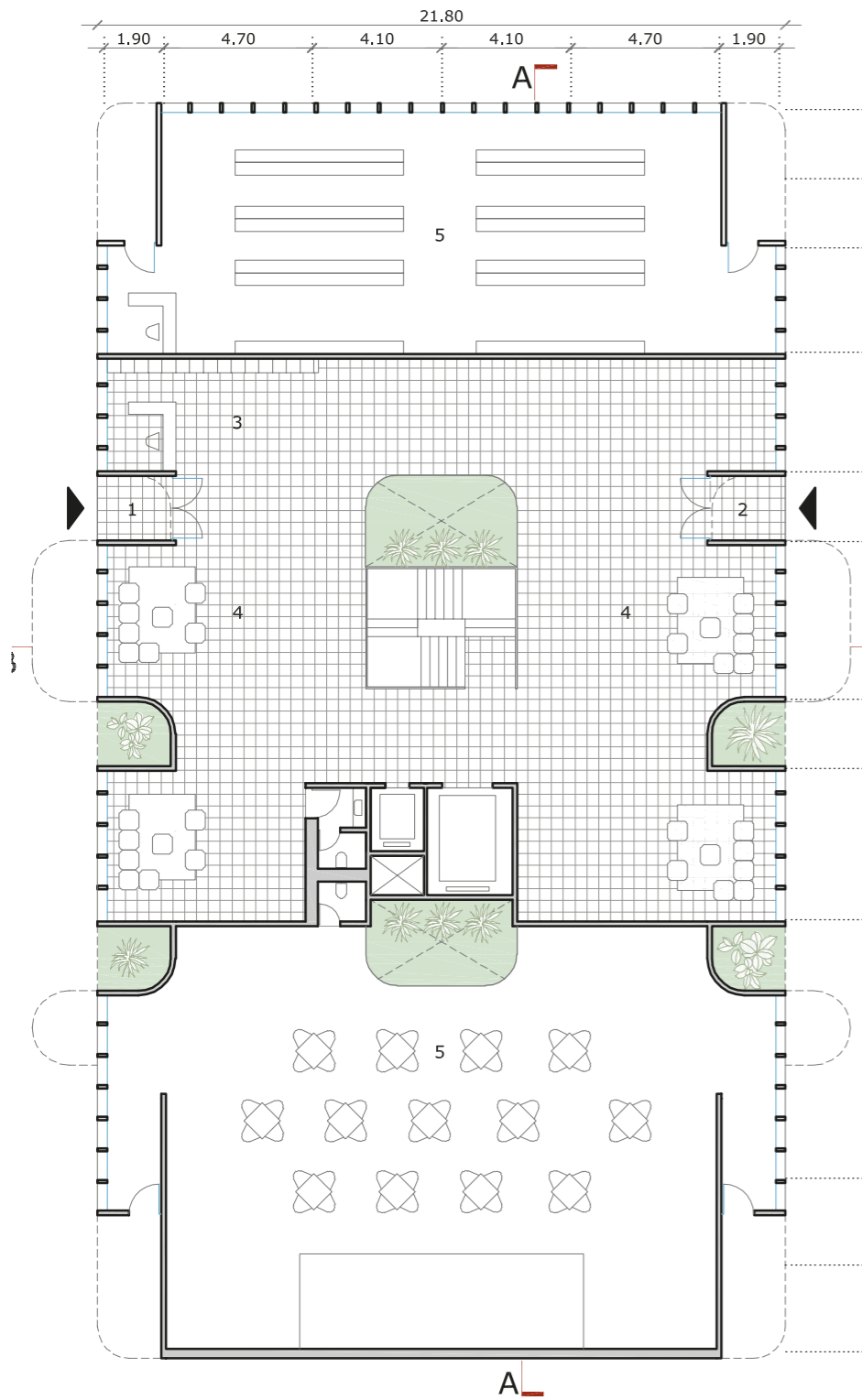


6th and 8th floor plan

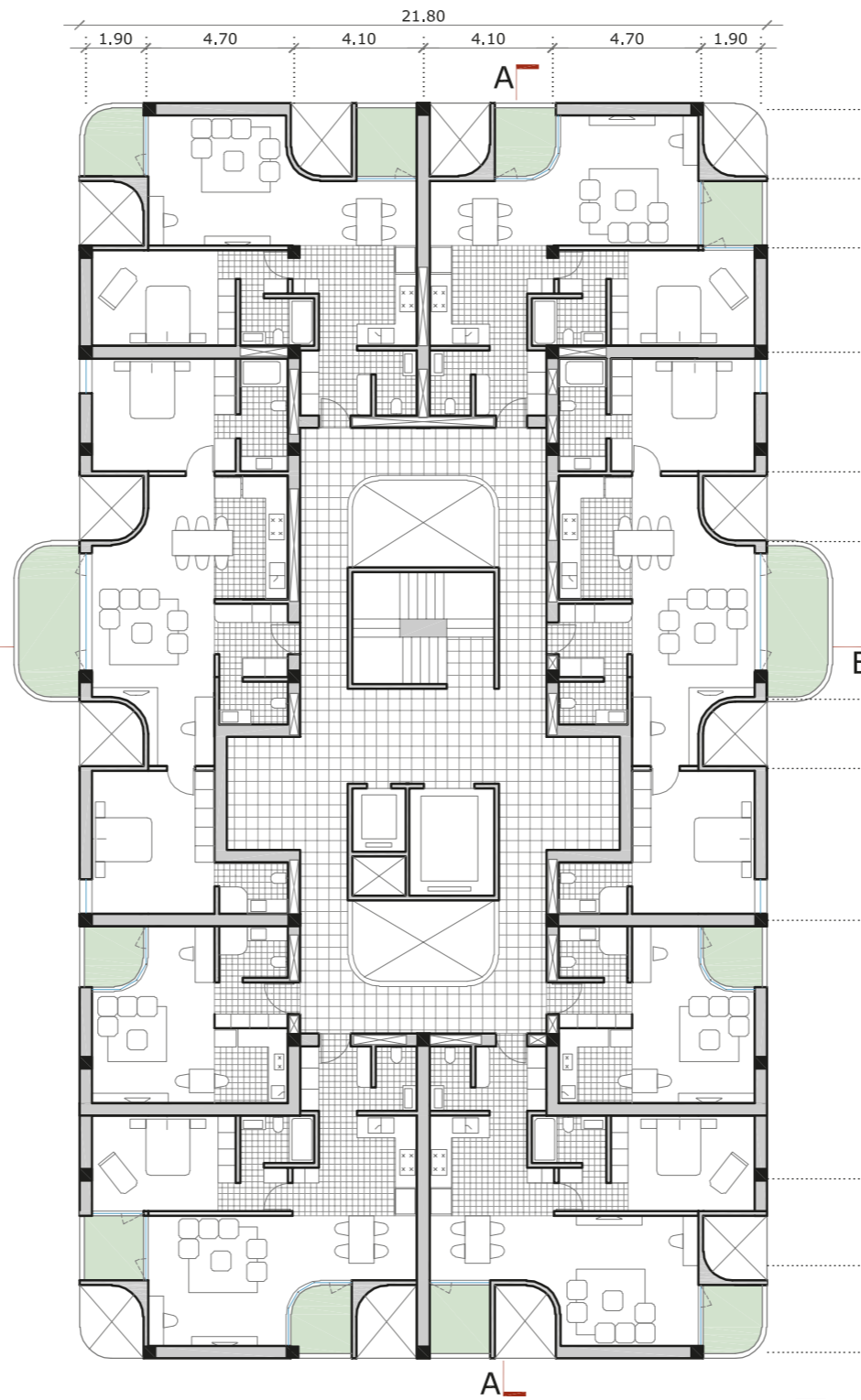
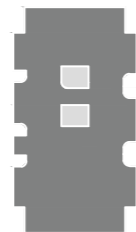


Section HH

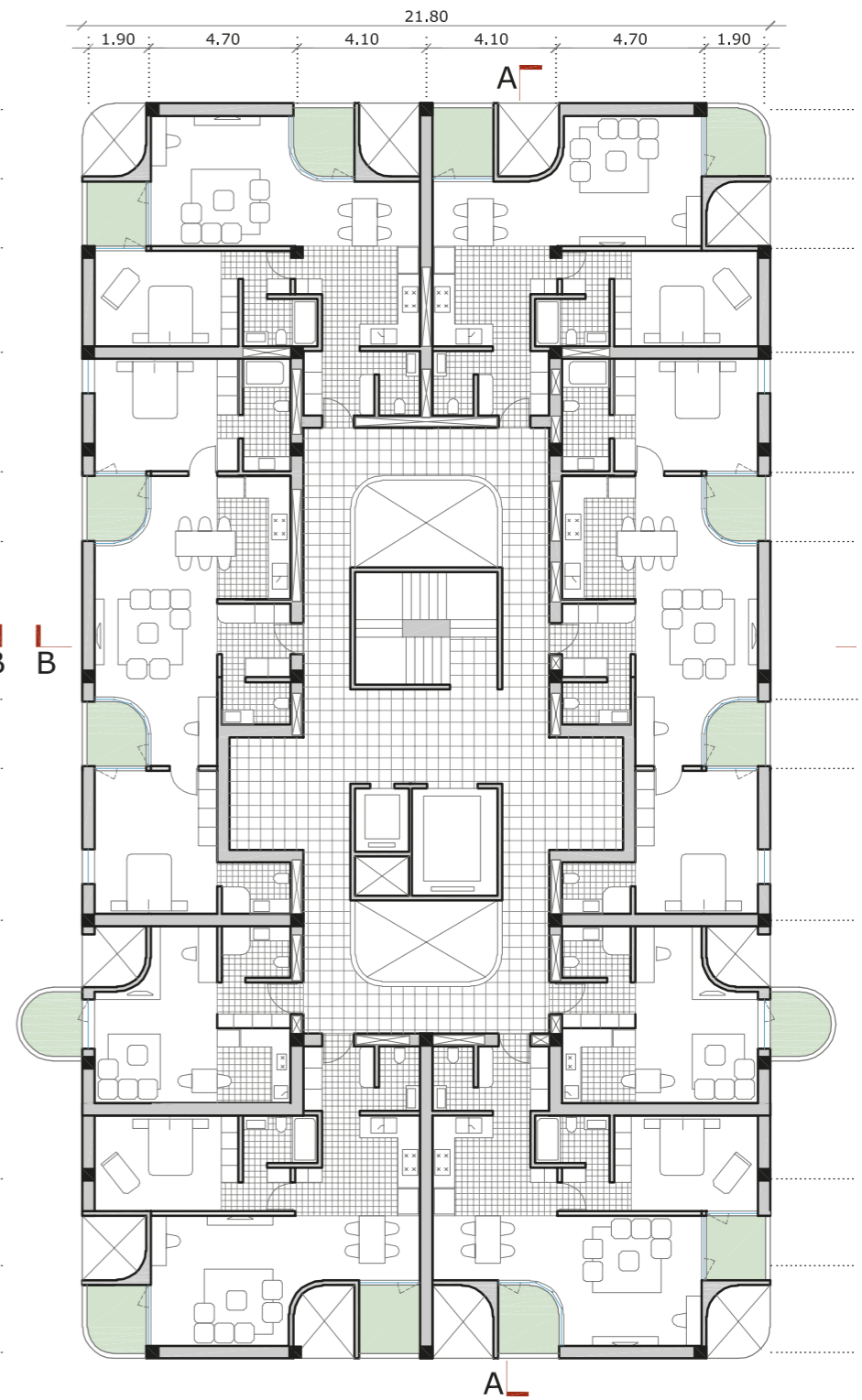
Tower - Large size apartments



Ground floor plan



1st and 3rd floor plan

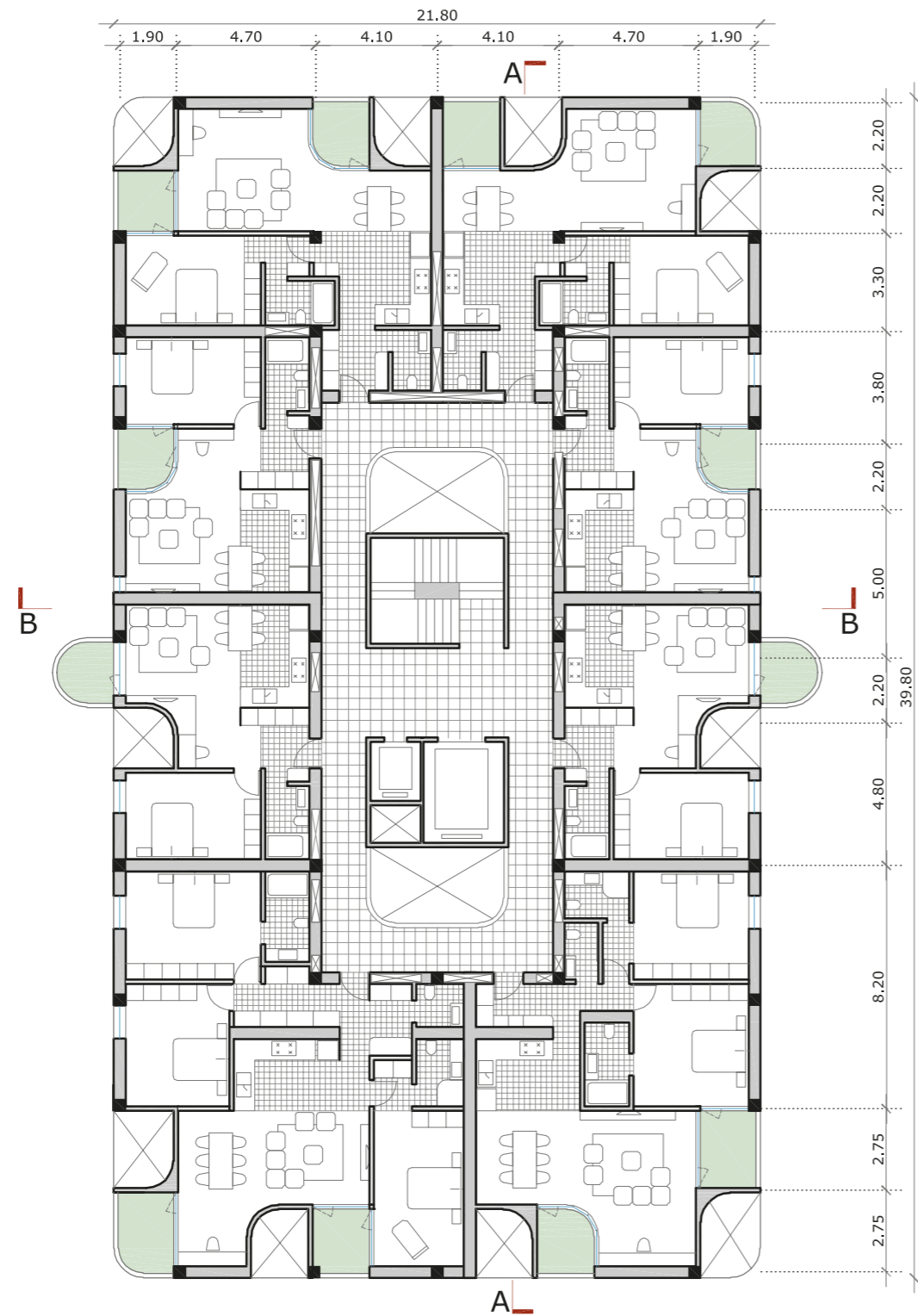


2nd floor plan

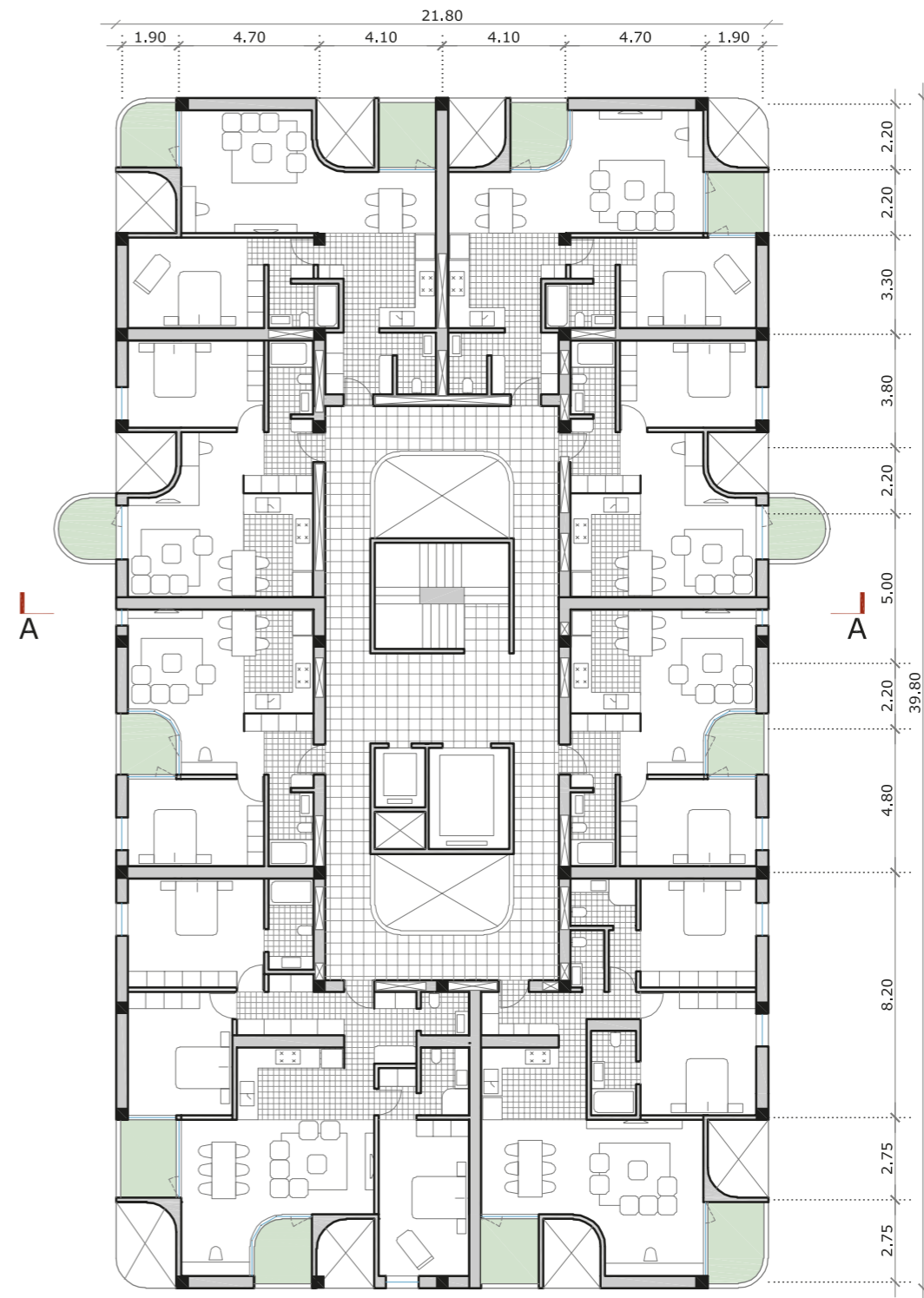


Legend

- 1. Entry 1
- 2. Entry 2
- 3. Security and mail box
- 4. Lobby
- 5. Space for renting
- 6. Concierge room
- 7. Alternative for units in the ground floor

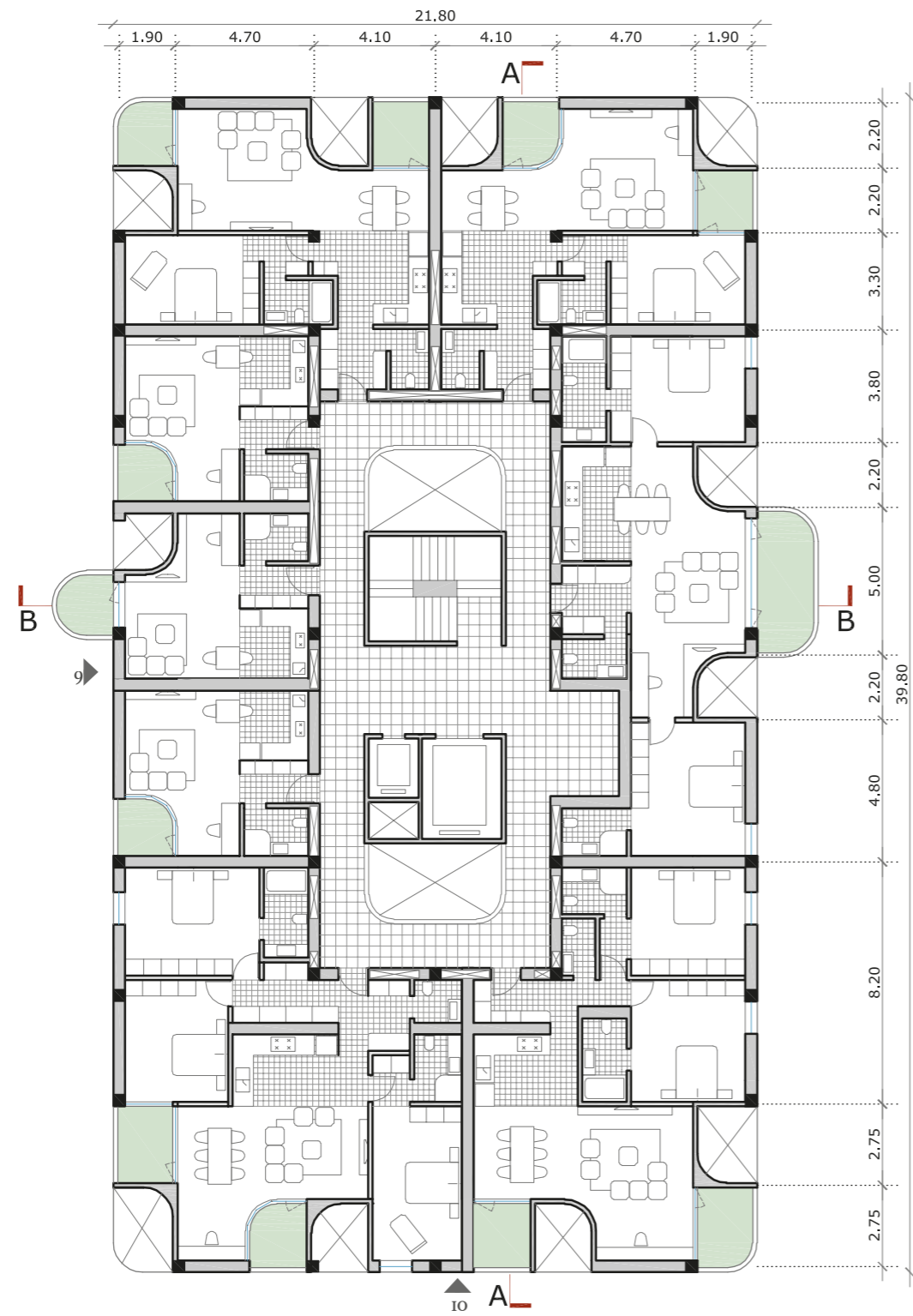


4th, 6th, 8th, 10th and 12th floor plan

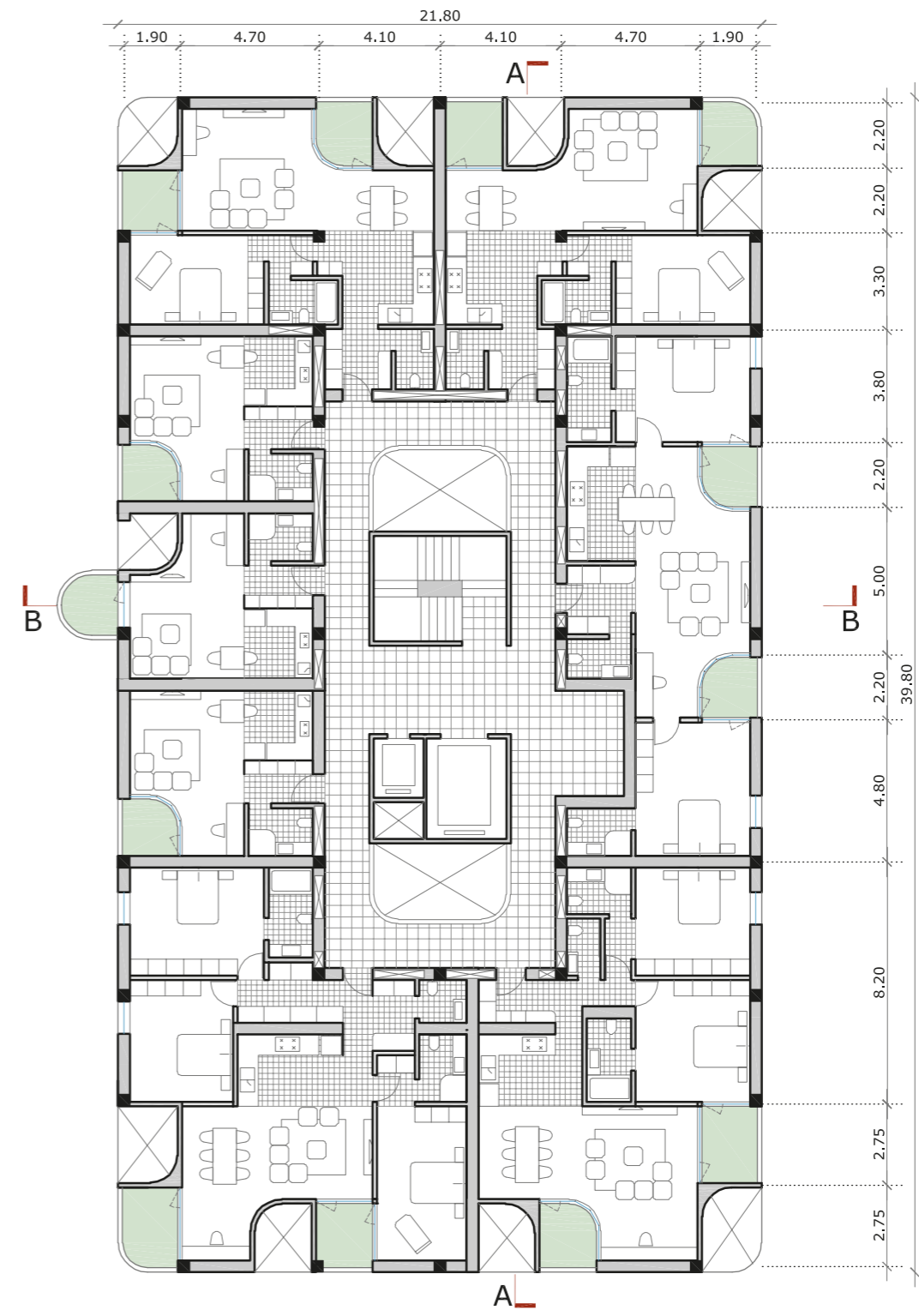


7th, 9th and 11th floor plan





13th, 15th and 17th floor plan



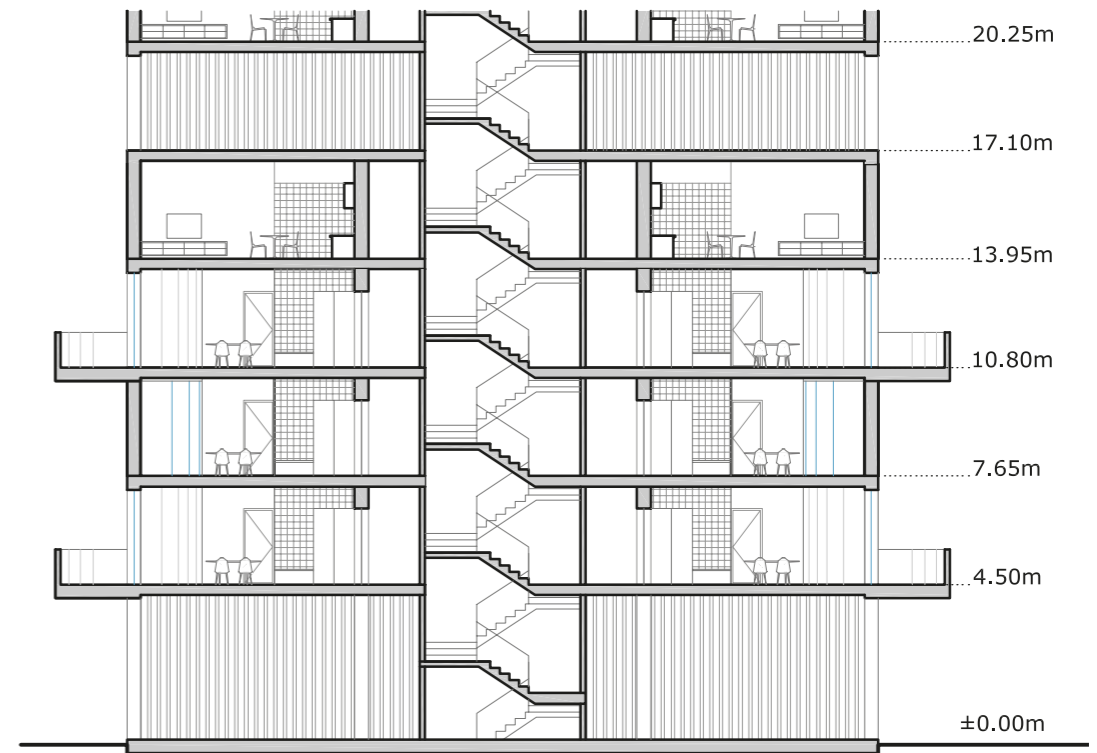
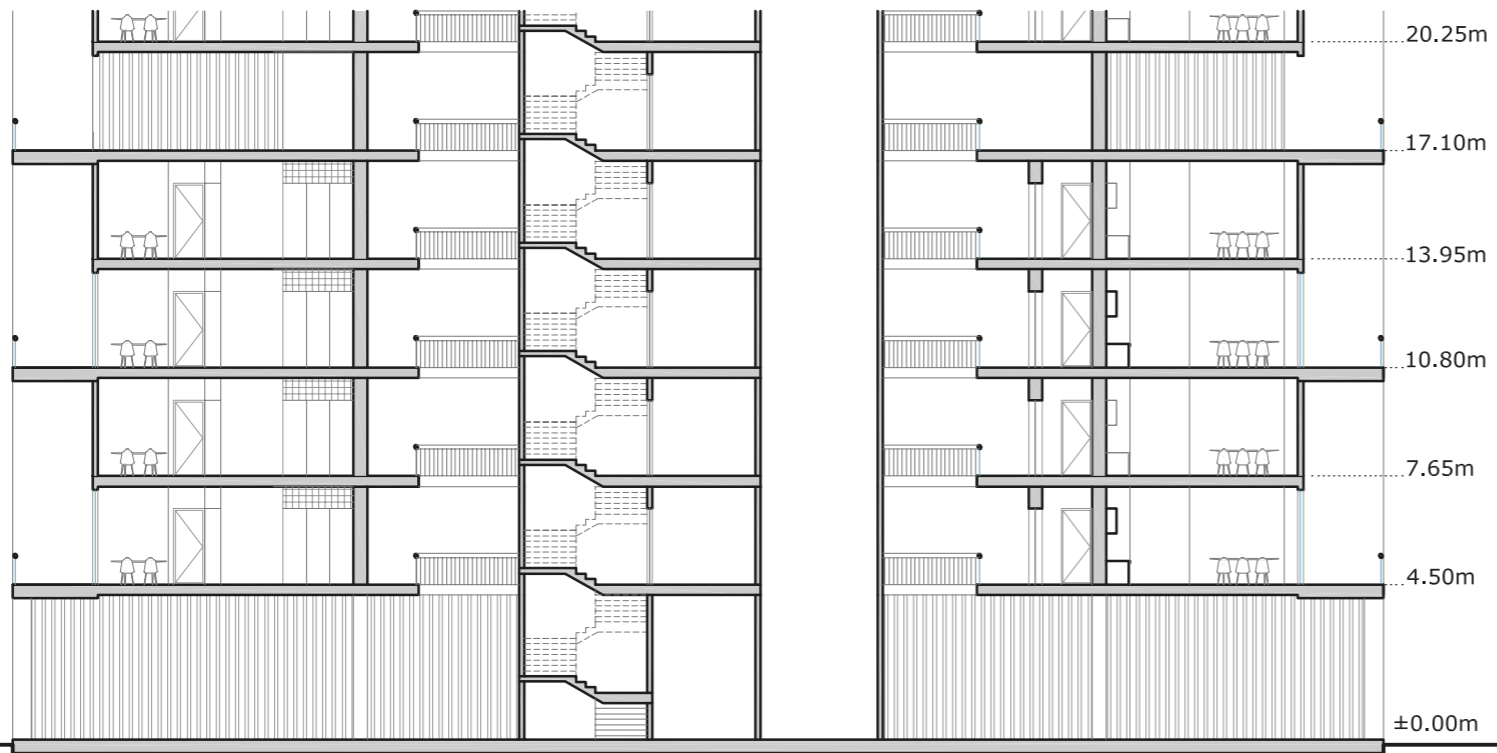
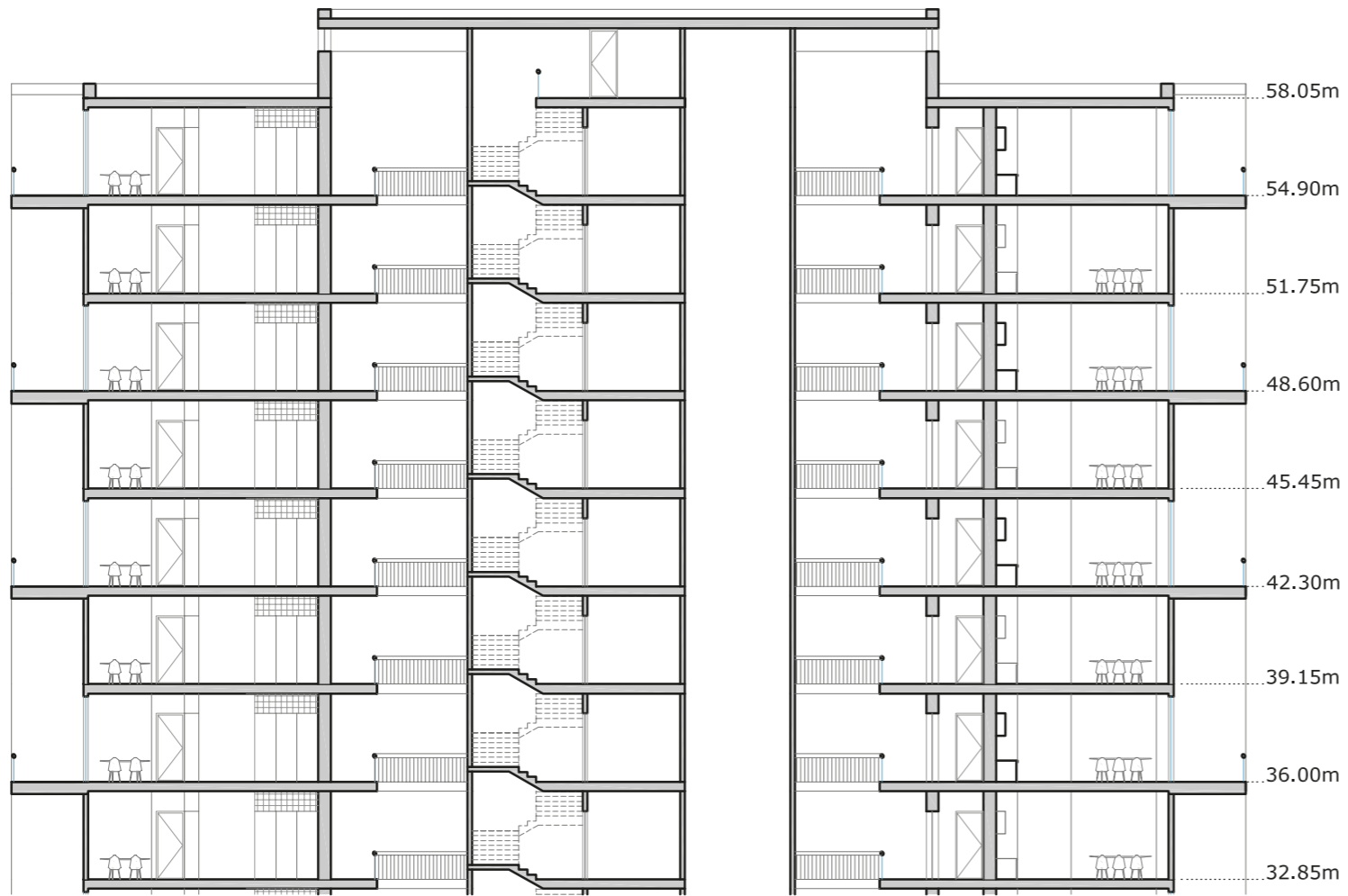
14th and 16th floor plan





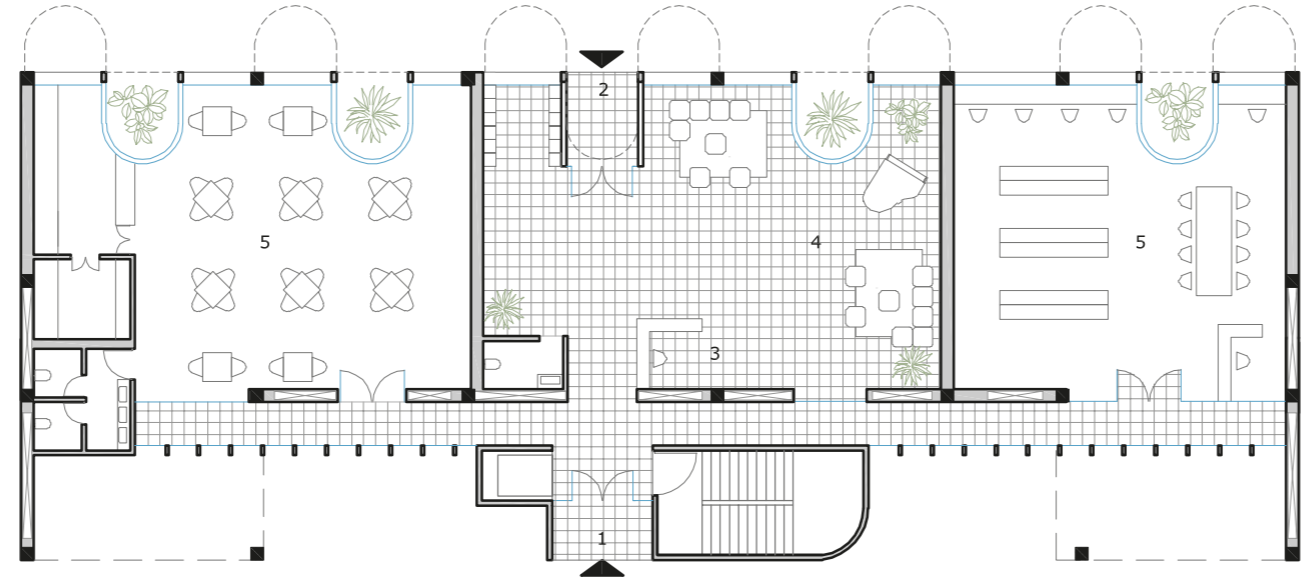
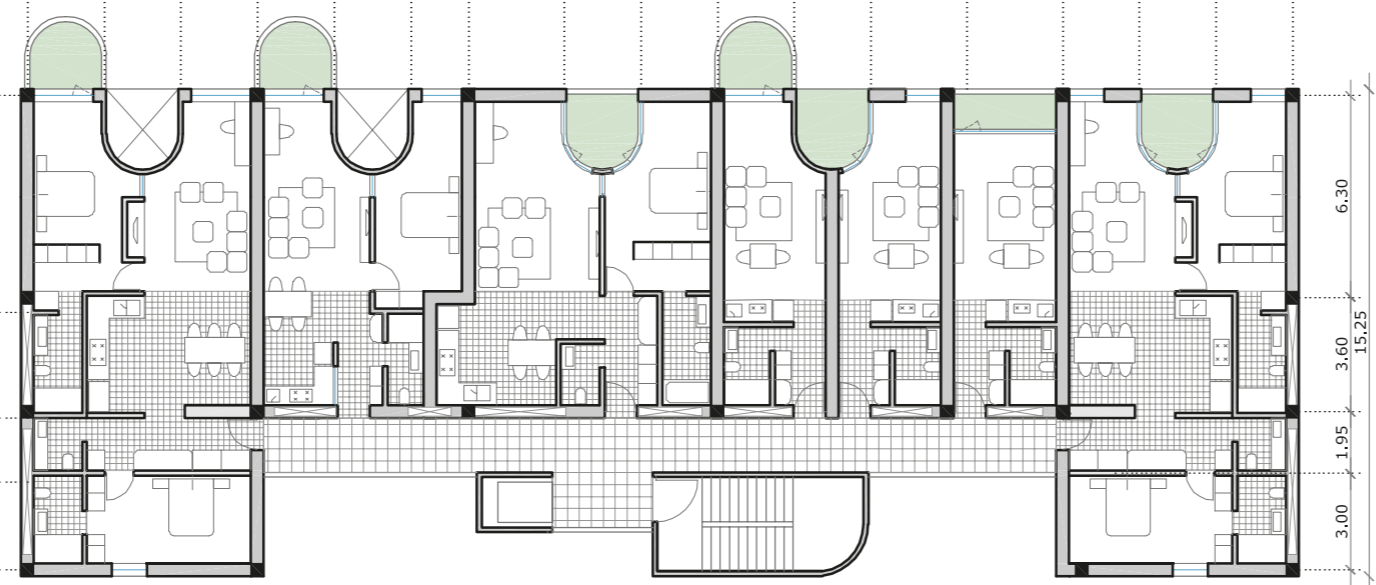
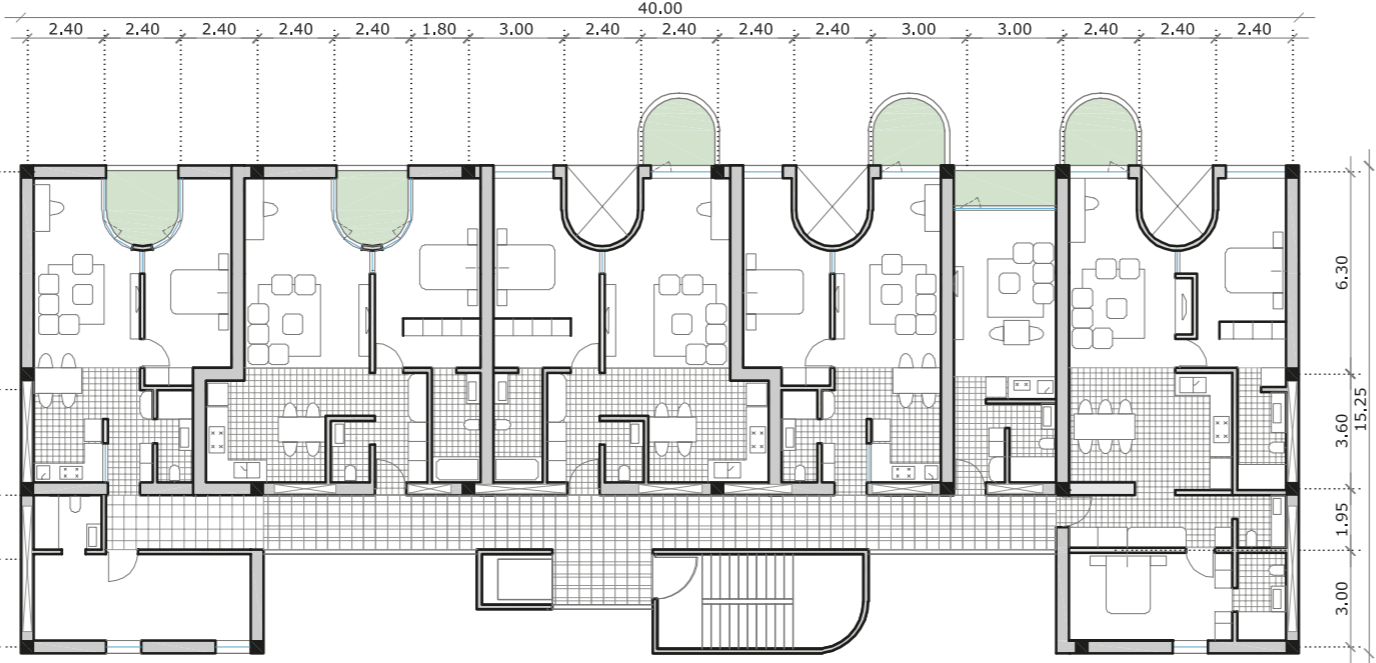
Elevation 9

Elevation 10



Section AA

Section BB



2nd floor plan

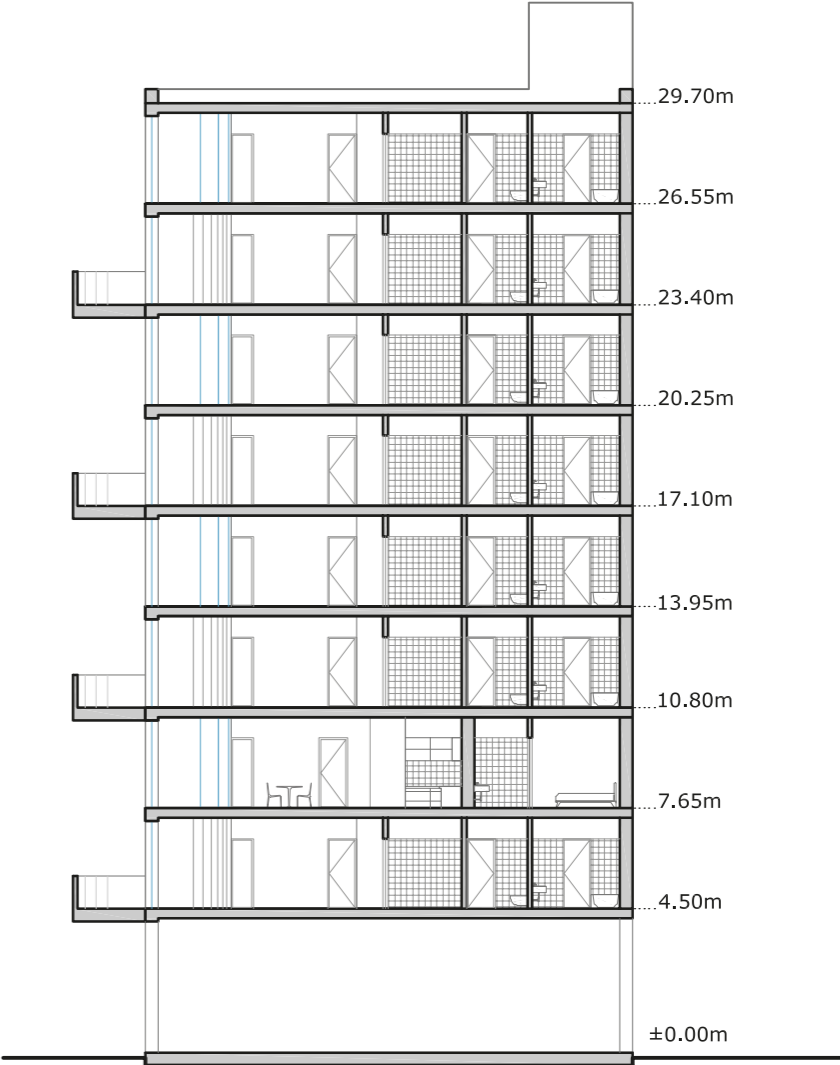
1st floor plan

Ground floor plan

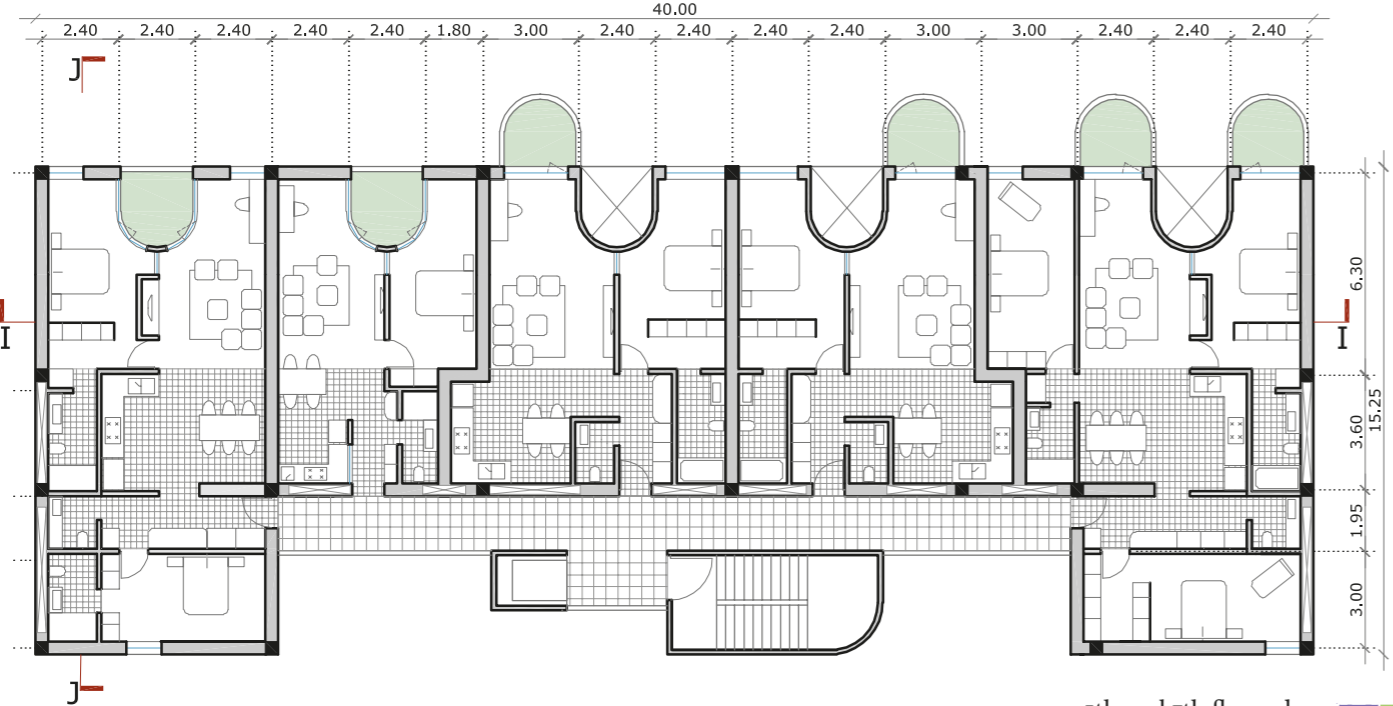
- Legend
- 1. Entry 1
 - 2. Entry 2
 - 3. Security and mail box
 - 4. Lobby
 - 5. Space for renting
 - 6. Concierge room
 - 7. Alternative for units in the ground floor



Section GG



Section HH



5th and 7th floor plan

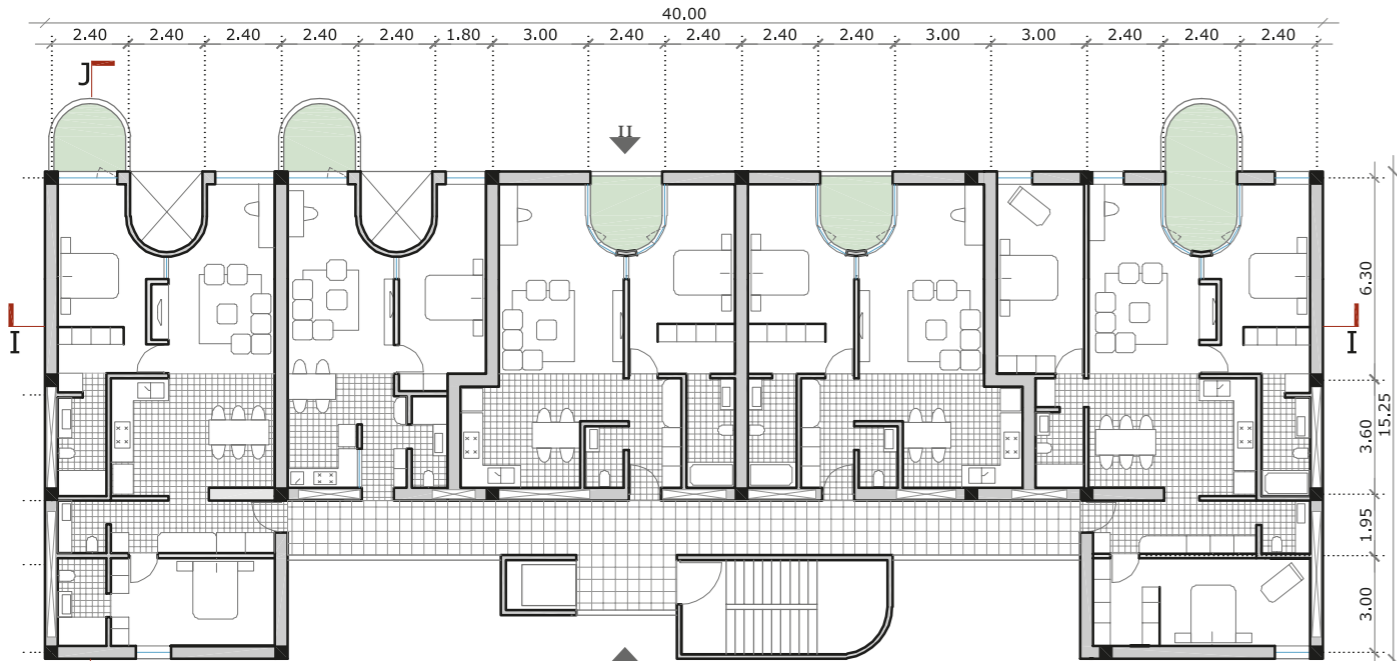




Elevation 11

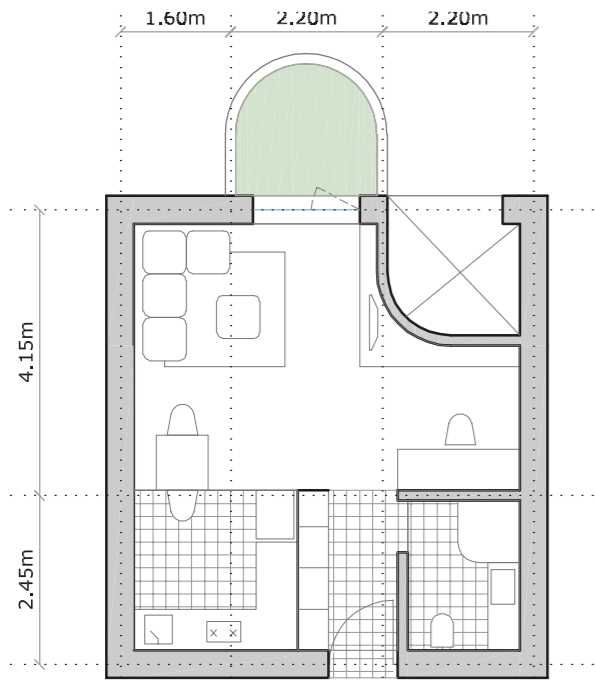


Elevation 12

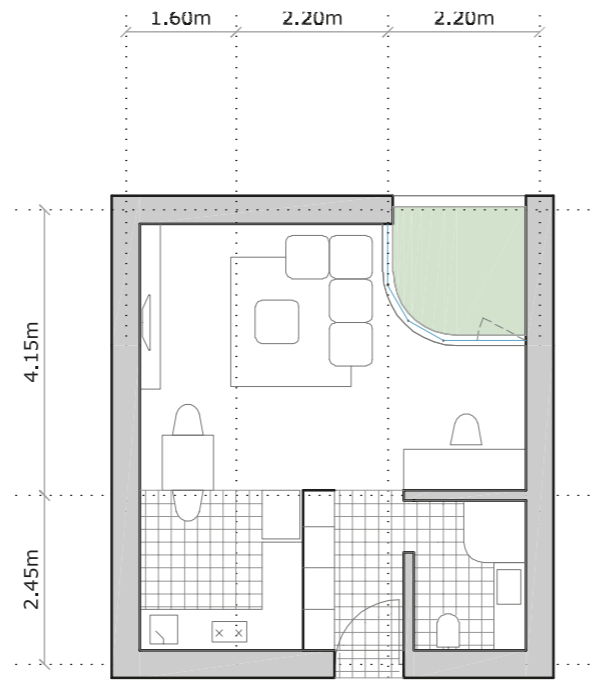


6th and 8th floor plan



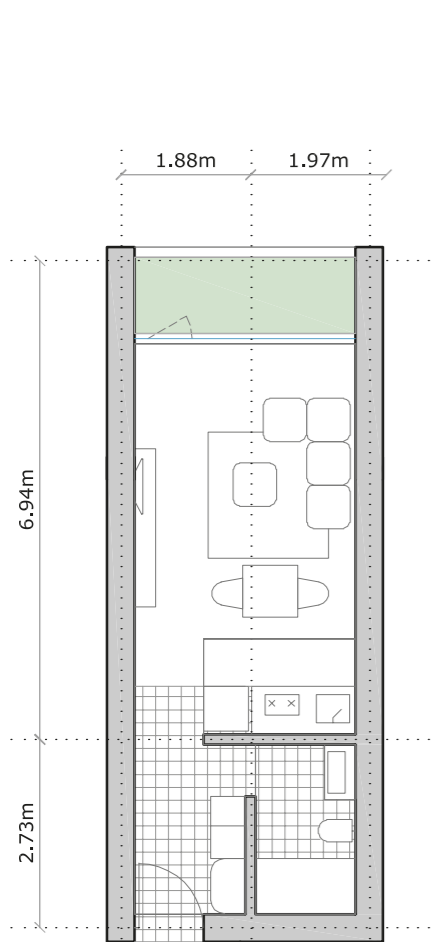


30-Section/Tower- PO

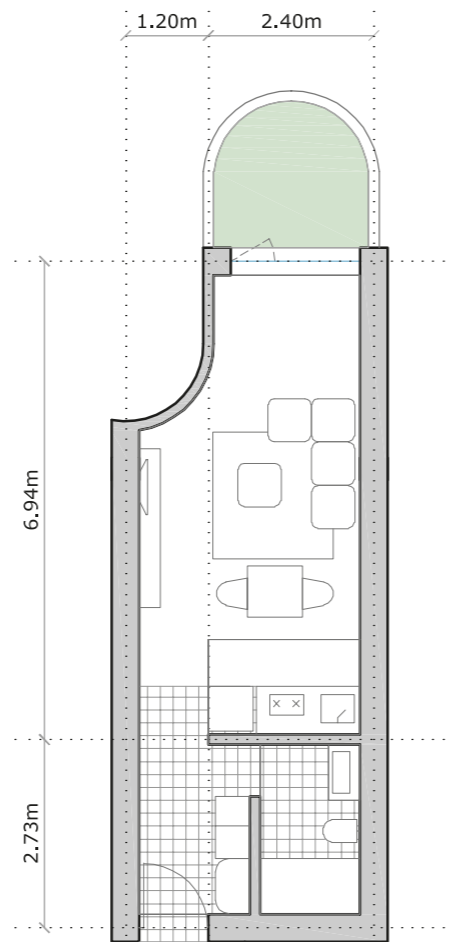


30-Section/Tower- PI

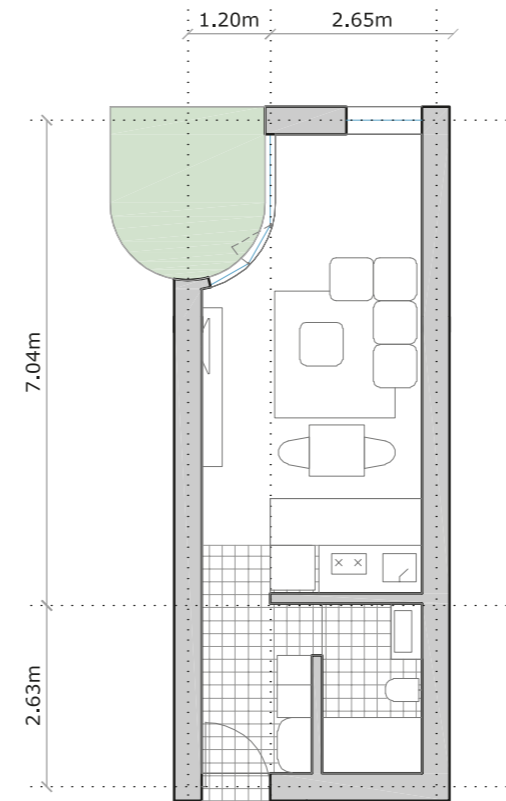
Area measurement	
Living rooms	= 38.3 sq. m.
Kitchen	= 6.5 sq. m.
Bathroom	= 3.7 sq. m.
Sun room	= 3.6 x 0.3 = 1.08 sq. m
Total area of apartment	= 46.58 sq. m.



30-Gallery- P1o2

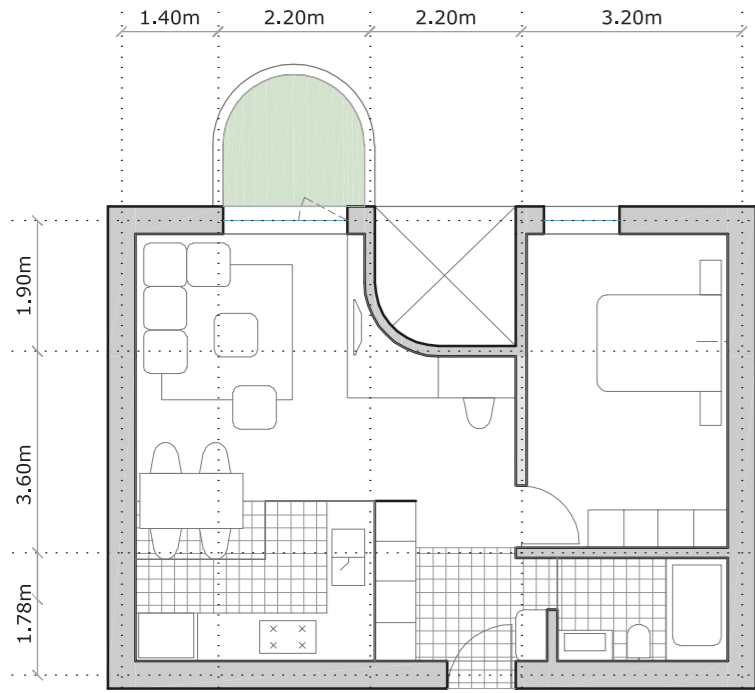


30-Gallery- PO

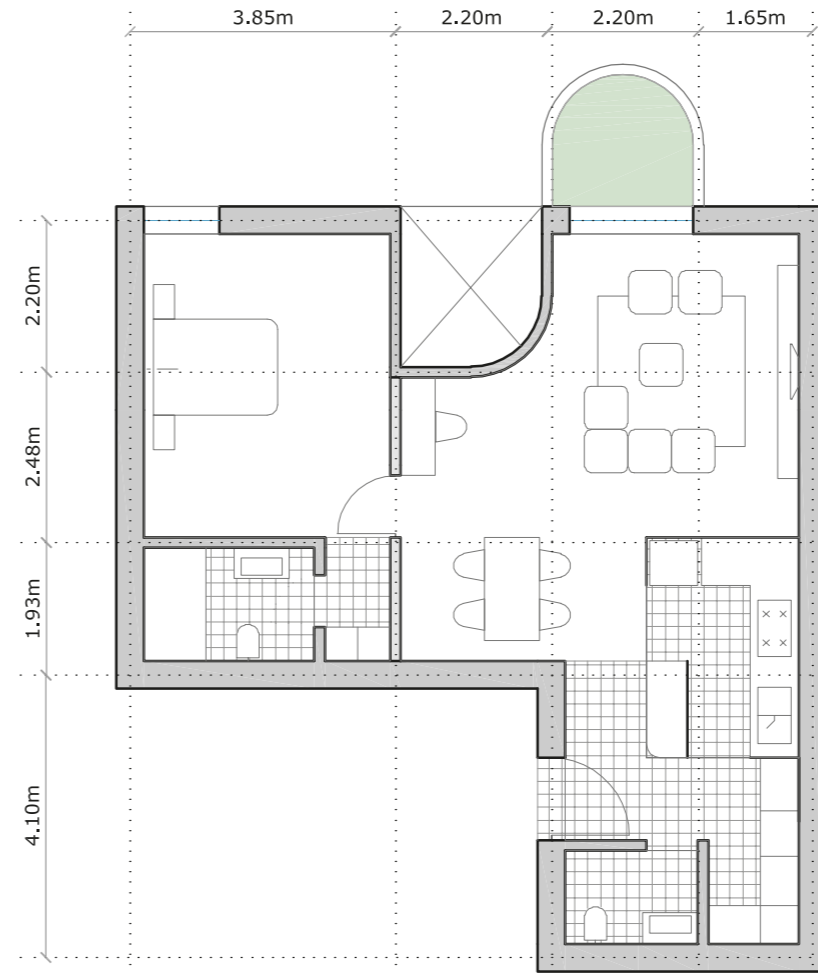


30-Gallery- P1o1

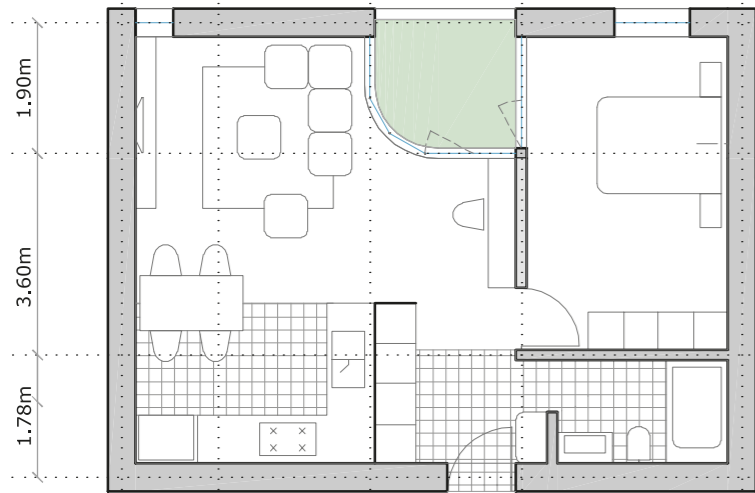
Area measurement	
Living rooms	= 20.4sq. m.
Kitchen	=3.0 sq. m.
Bathroom	= 3.6sq. m
Sun room	= 3.5 x 0.3 = 1.05 sq. m
Total area of apartment	= 28.05 sq. m.



50-Section/Tower- PO



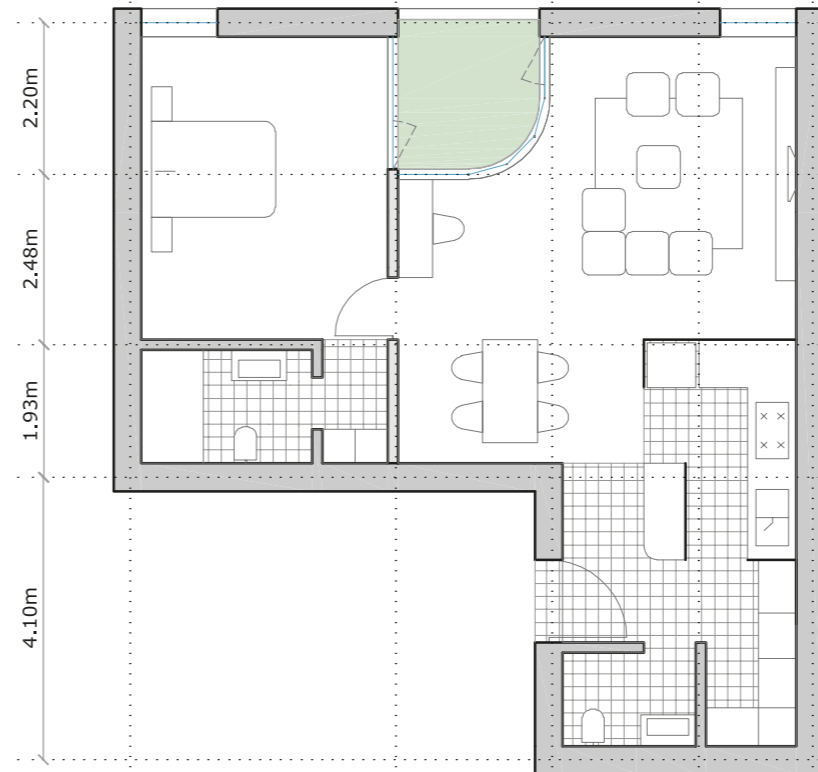
70-Section- PO



50-Section/Tower- PI



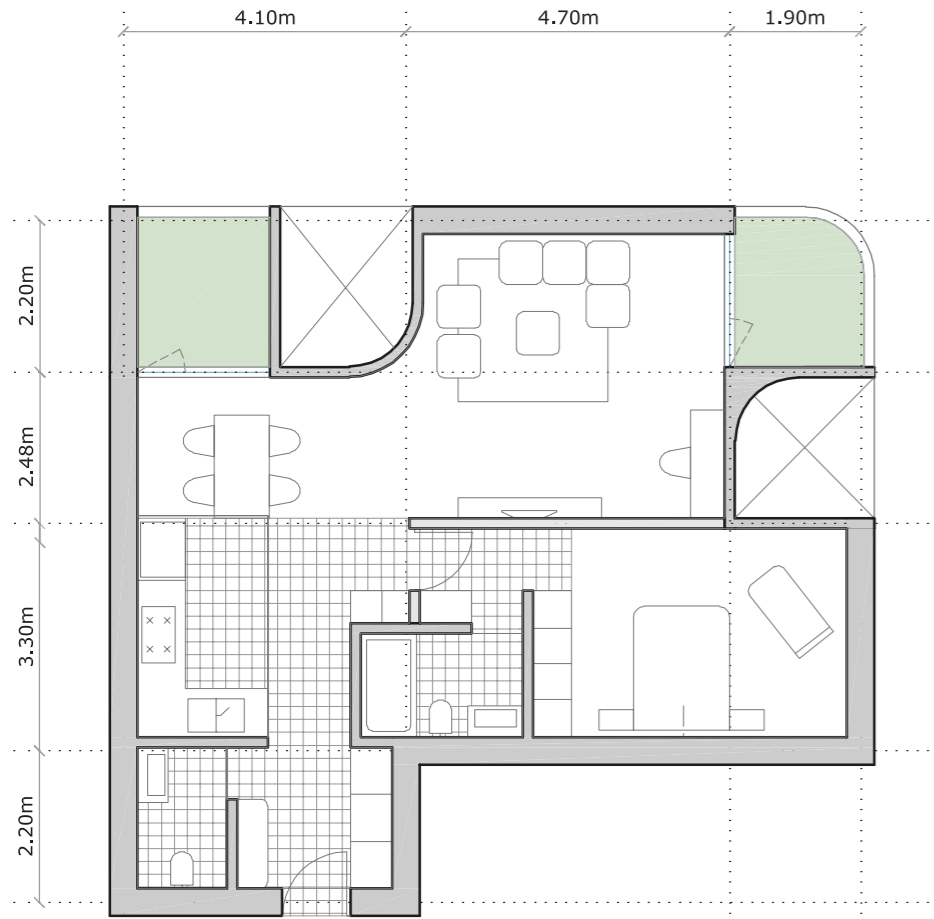
Area measurement
 Living rooms = 38.3 sq. m.
 Kitchen = 6.5 sq. m.
 Bathroom = 3.7 sq. m.
 Sun room = 3.6 x 0.3 = 1.08 sq. m
 Total area of apartment = 46.58 sq. m.



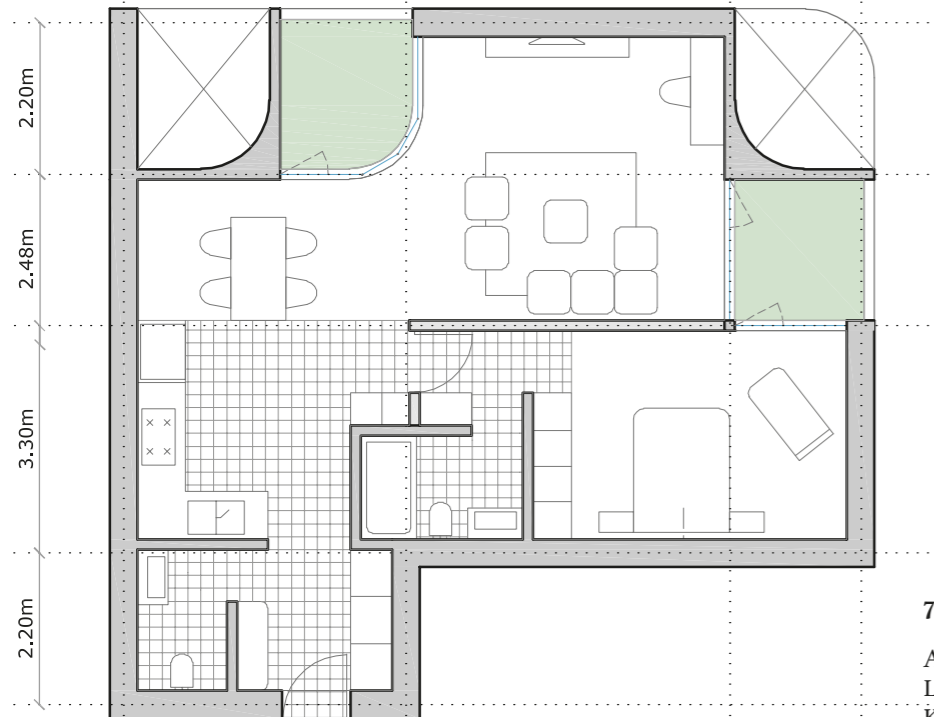
70-Section- PI



Area measurement
 Living rooms = 53.0 sq. m.
 Kitchen = 7.0 sq. m.
 Bathroom = 6.7 sq. m.
 Sun room = 4.2 x 0.3 = 1.26 sq. m
 Total area of apartment = 67.96 sq. m.

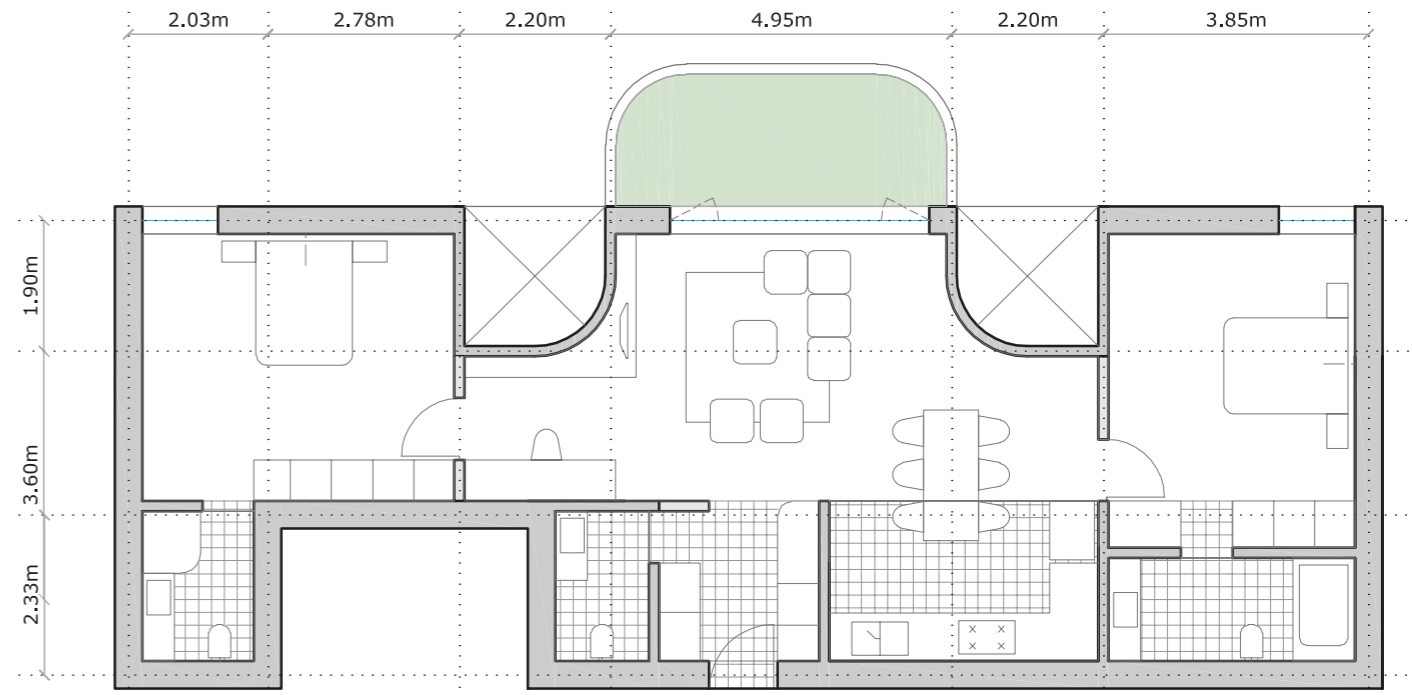


70-Section/Tower- PO

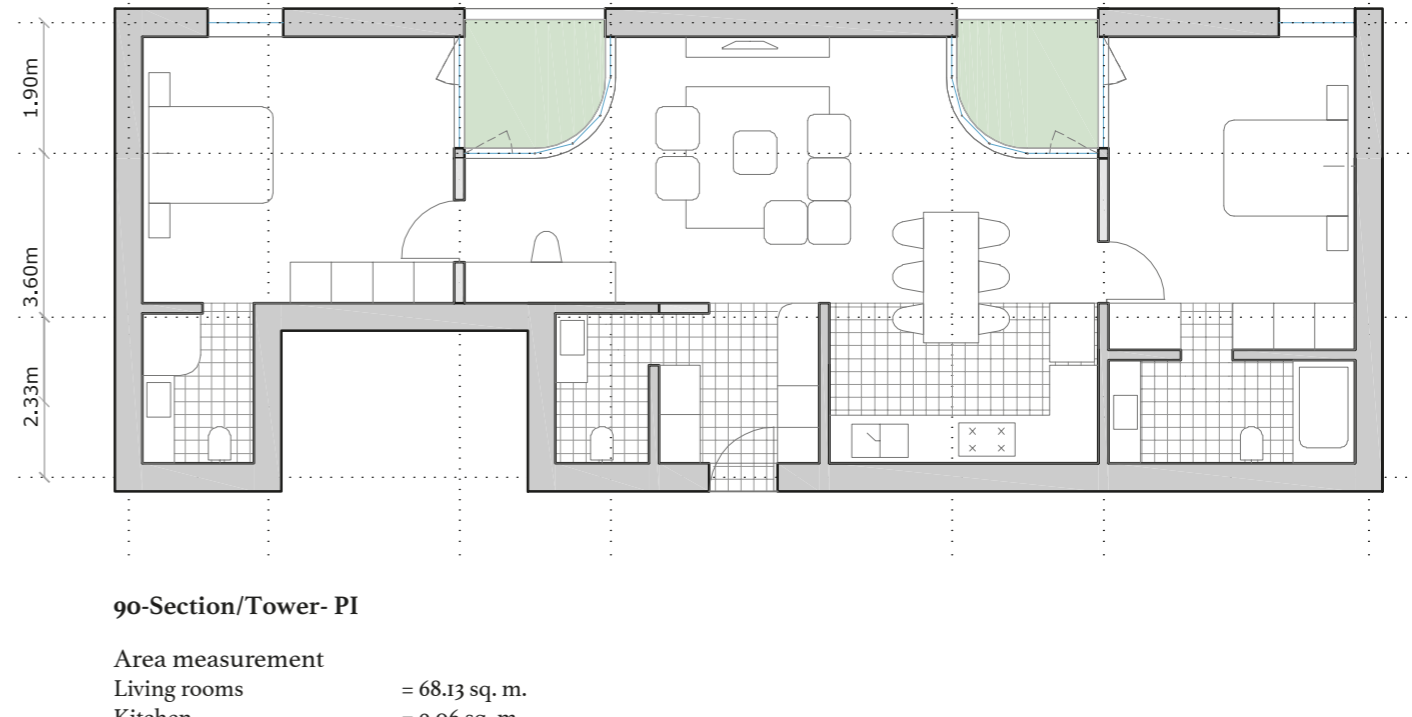


70-Section/Tower- PI

Area measurement	
Living rooms	= 52.9 sq. m.
Kitchen	= 6.11 sq. m.
Bathroom	= 6.18 sq. m.
Sun room	= 8x 0.3 = 2.4 sq. m
Total area of apartment	= 67.59 sq. m.

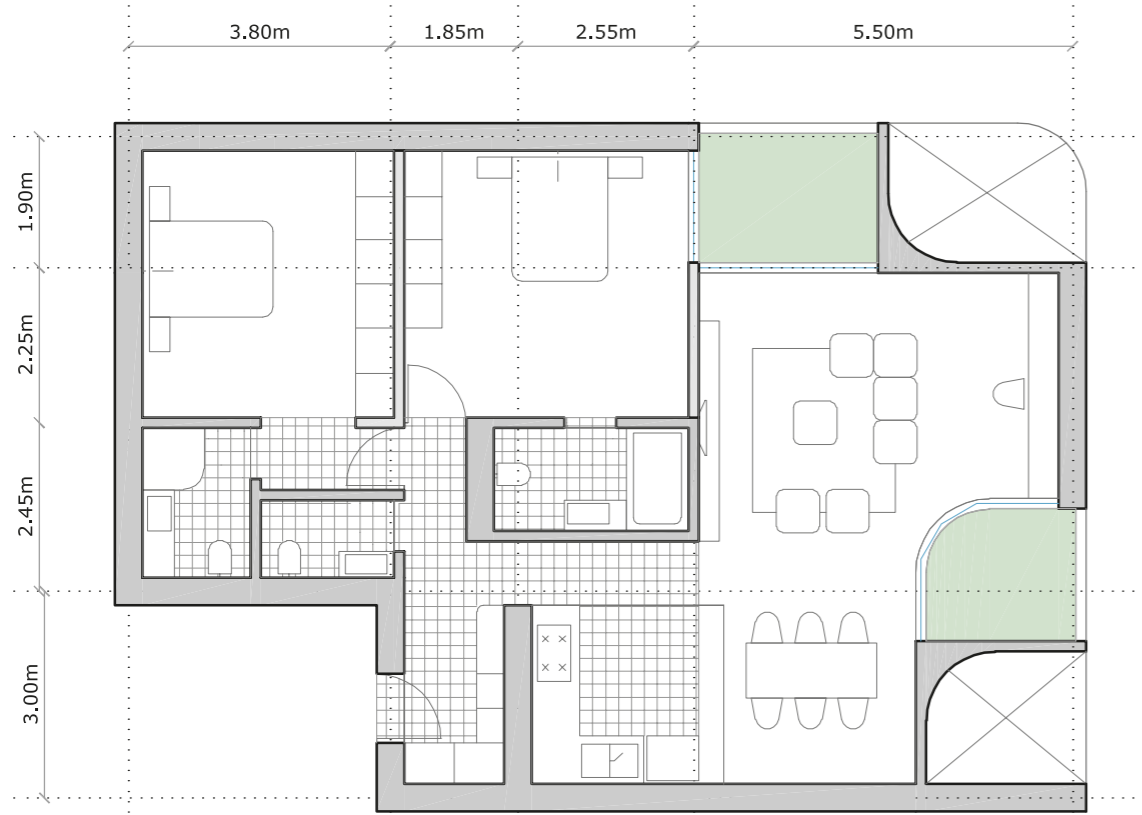


90-Section/Tower- PO

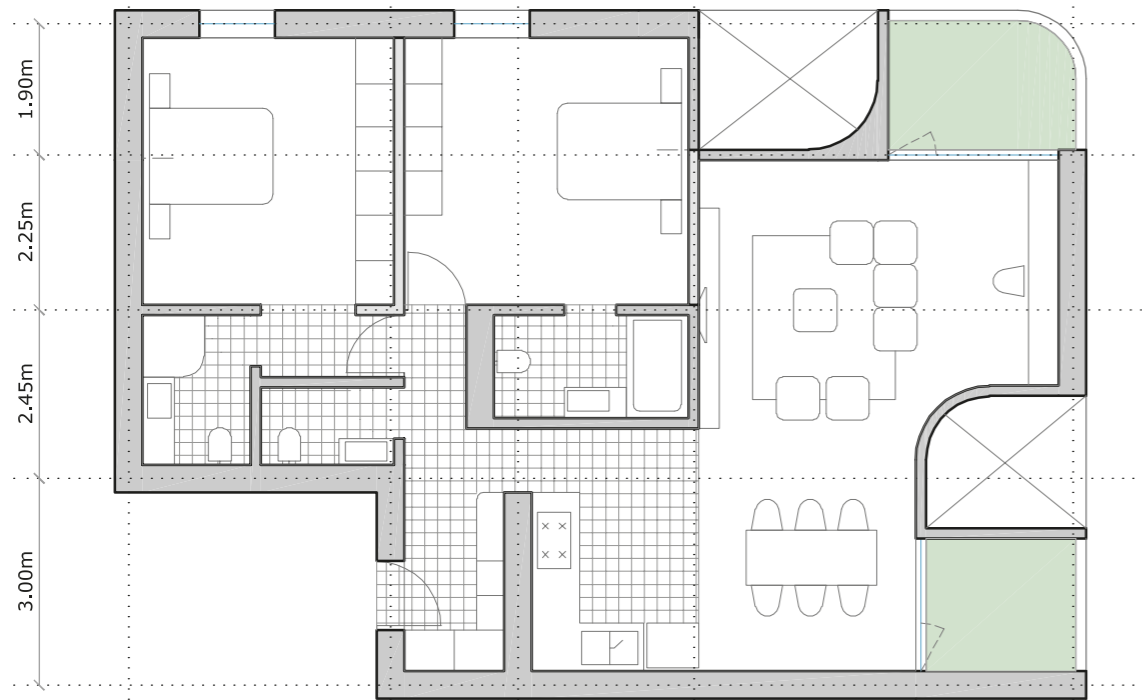


90-Section/Tower- PI

Area measurement	
Living rooms	= 68.13 sq. m.
Kitchen	= 9.06 sq. m.
Bathroom	= 11.7 sq. m.
Sun room	= 3.6 x 0.3 = 1.08 sq. m
Total area of apartment	= 89.97 sq. m.



90-Section/Tower- PI

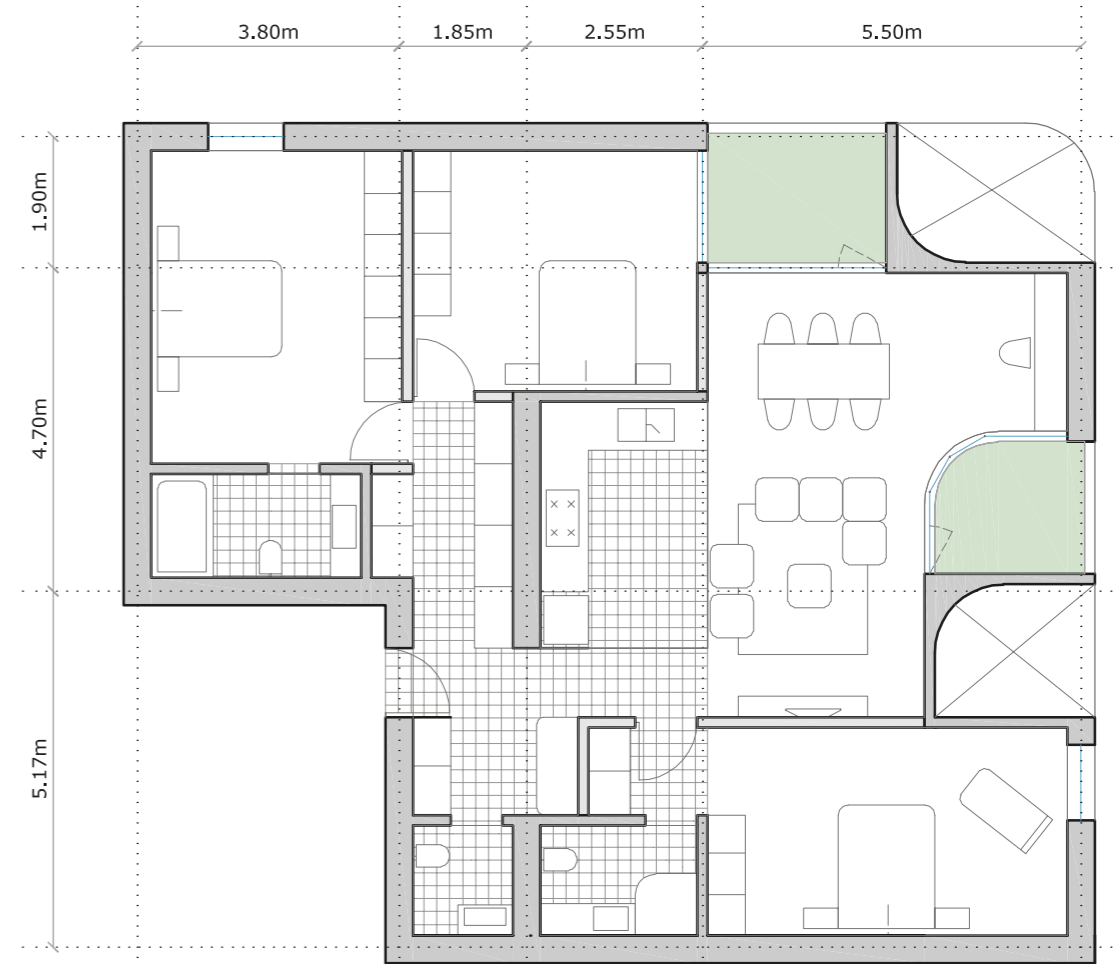


90-Section/Tower- PO



Area measurement	
Living rooms	= 71.4 sq. m.
Kitchen	= 7.3 sq. m.
Bathroom	= 9.8 sq. m.
Sun room	= 8.9 x 0.3= 2.67 sq. m
Total area of apartment	= 91.1 sq. m.

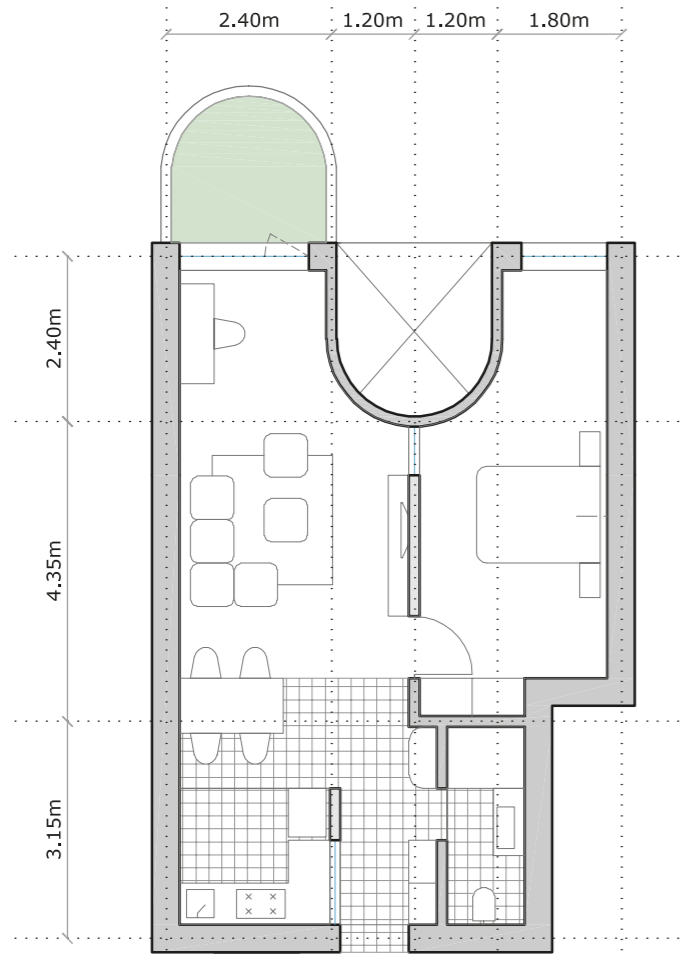
110-Section/Tower- PI



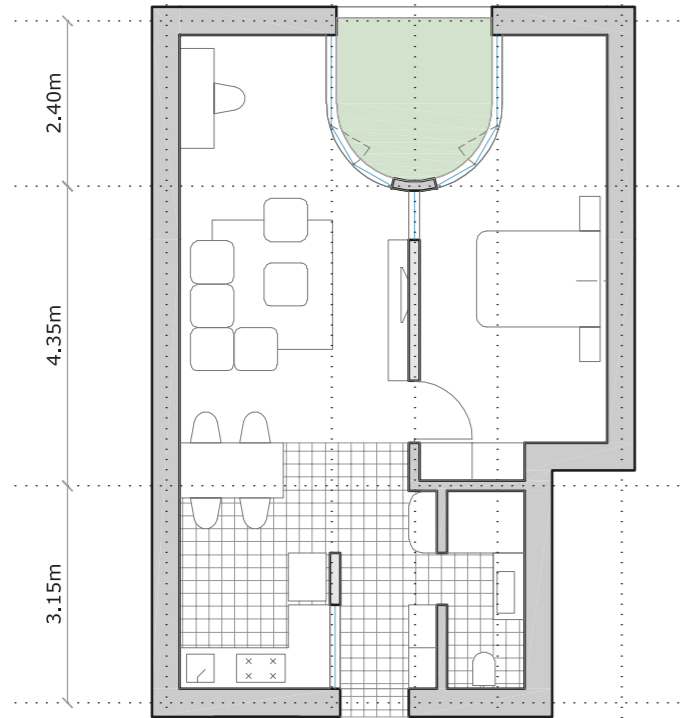
110-Section/Tower- PO



Area measurement	
Living rooms	= 71.4 sq. m.
Kitchen	= 7.3 sq. m.
Bathroom	= 9.8 sq. m.
Sun room	= 8.9 x 0.3= 2.67 sq. m
Total area of apartment	= 91.1 sq. m.



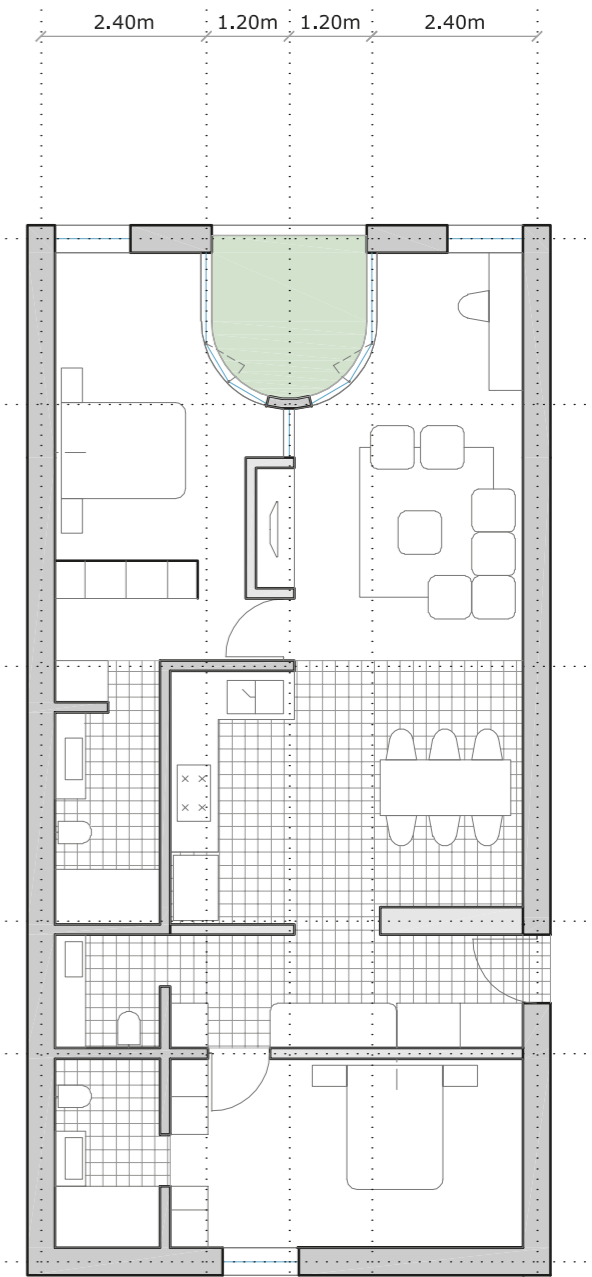
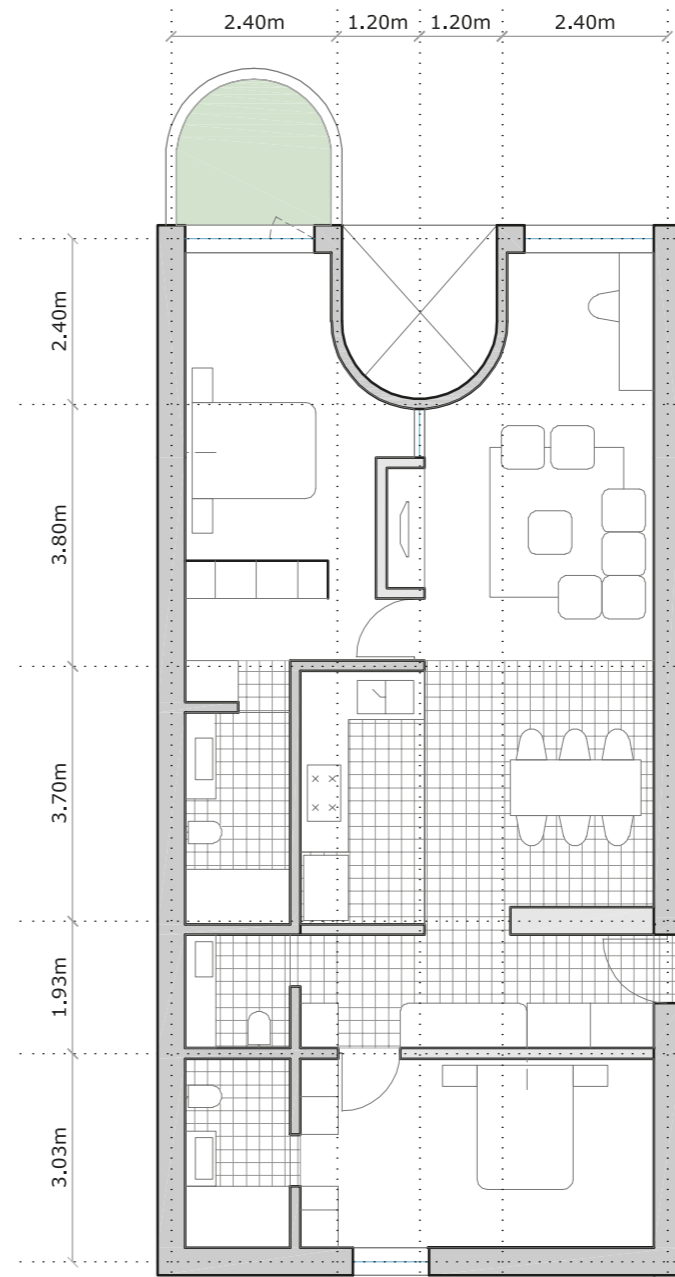
50-Gallery- PO

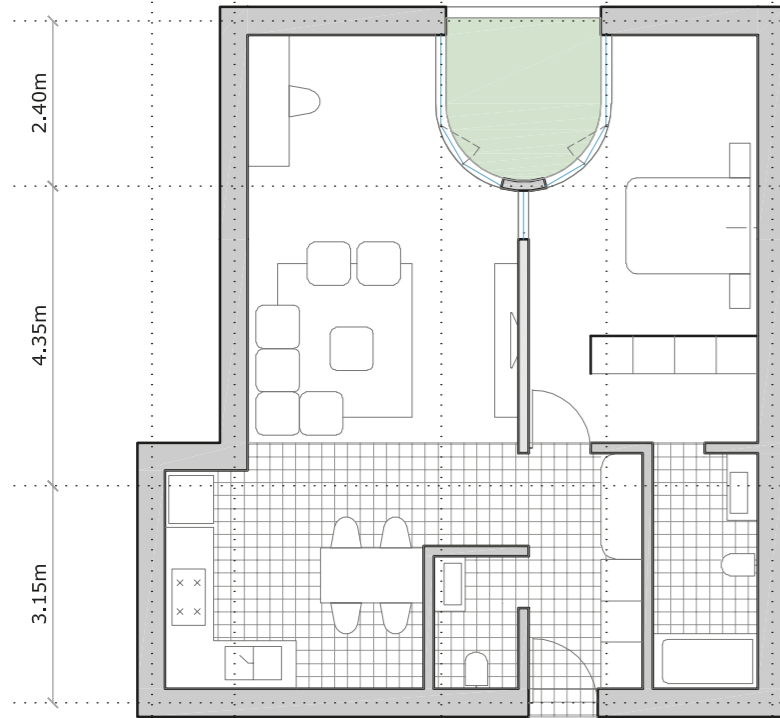
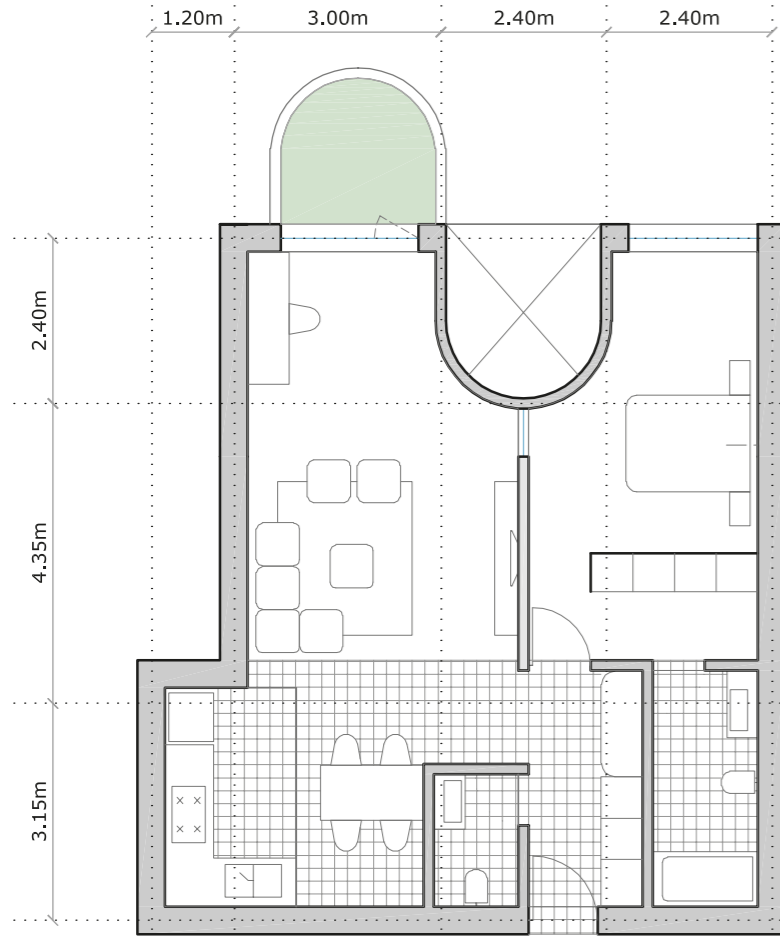


50-Gallery- PI

Area measurement
 Living rooms = 41 sq. m.
 Kitchen = 4.3 sq. m.
 Bathroom = 3.2 sq. m.
 Sun room = 4.8 x 0.3 = 1.4 sq. m
 Total area of apartment = 49.9 sq. m.

Area measurement
 Living rooms = 70.9 sq. m.
 Kitchen = 6.6 sq. m.
 Bathroom = 11.4 sq. m.
 Sun room = 4.8 x 0.3 = 1.4 sq. m
 Total area of apartment = 90.3 sq. m.





50-Gallery- PO

50-Gallery- PI

Area measurement
 Living rooms = 41 sq. m.
 Kitchen = 4.3 sq. m.
 Bathroom = 3.2 sq. m.
 Sun room = 4.8 x 0.3 = 1.4 sq. m.
 Total area of apartment = 49.9 sq. m.

Area measurement
 Living rooms = 94.4 sq. m.
 Kitchen = 6.6 sq. m.
 Bathroom = 10.8 sq. m.
 Sun room = 9.4 x 0.3 = 2.8 sq. m.
 Total area of apartment = 114.6 sq. m.

