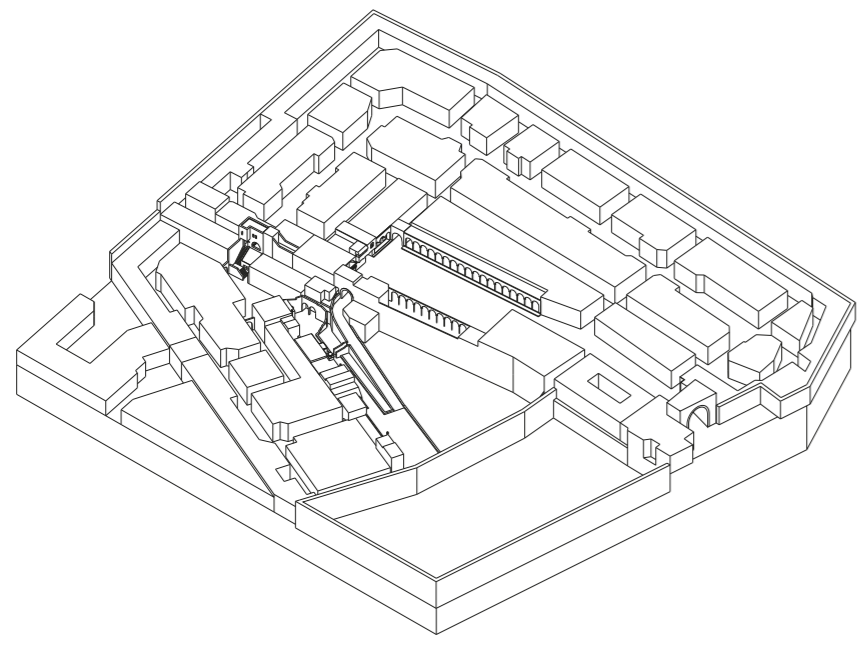
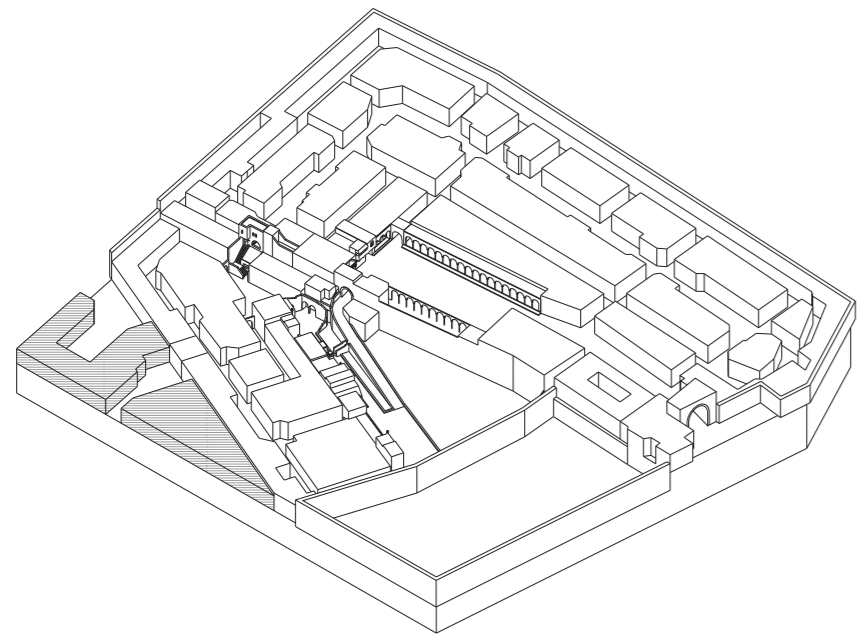


# Threshold of Evanescence

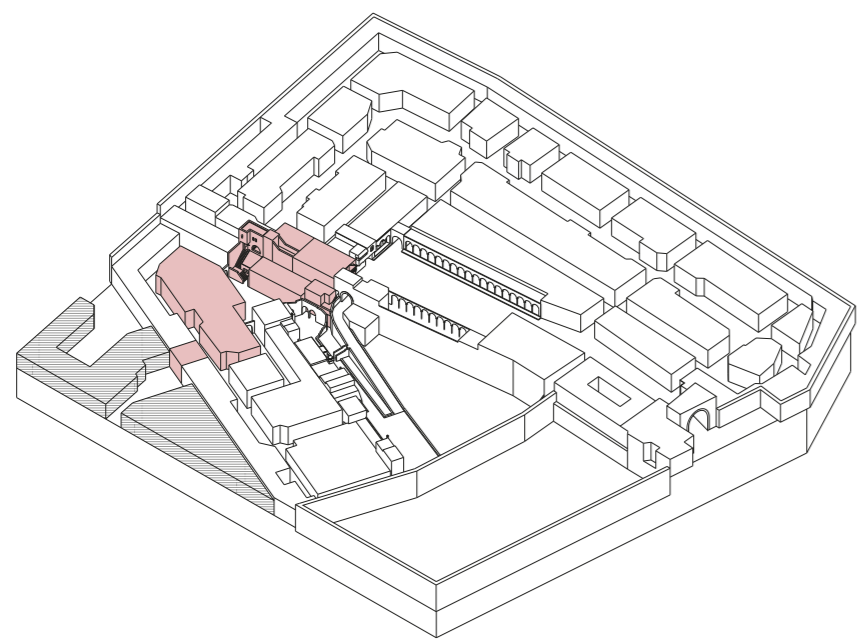
Methods and Analysis  
Rebekah Tien



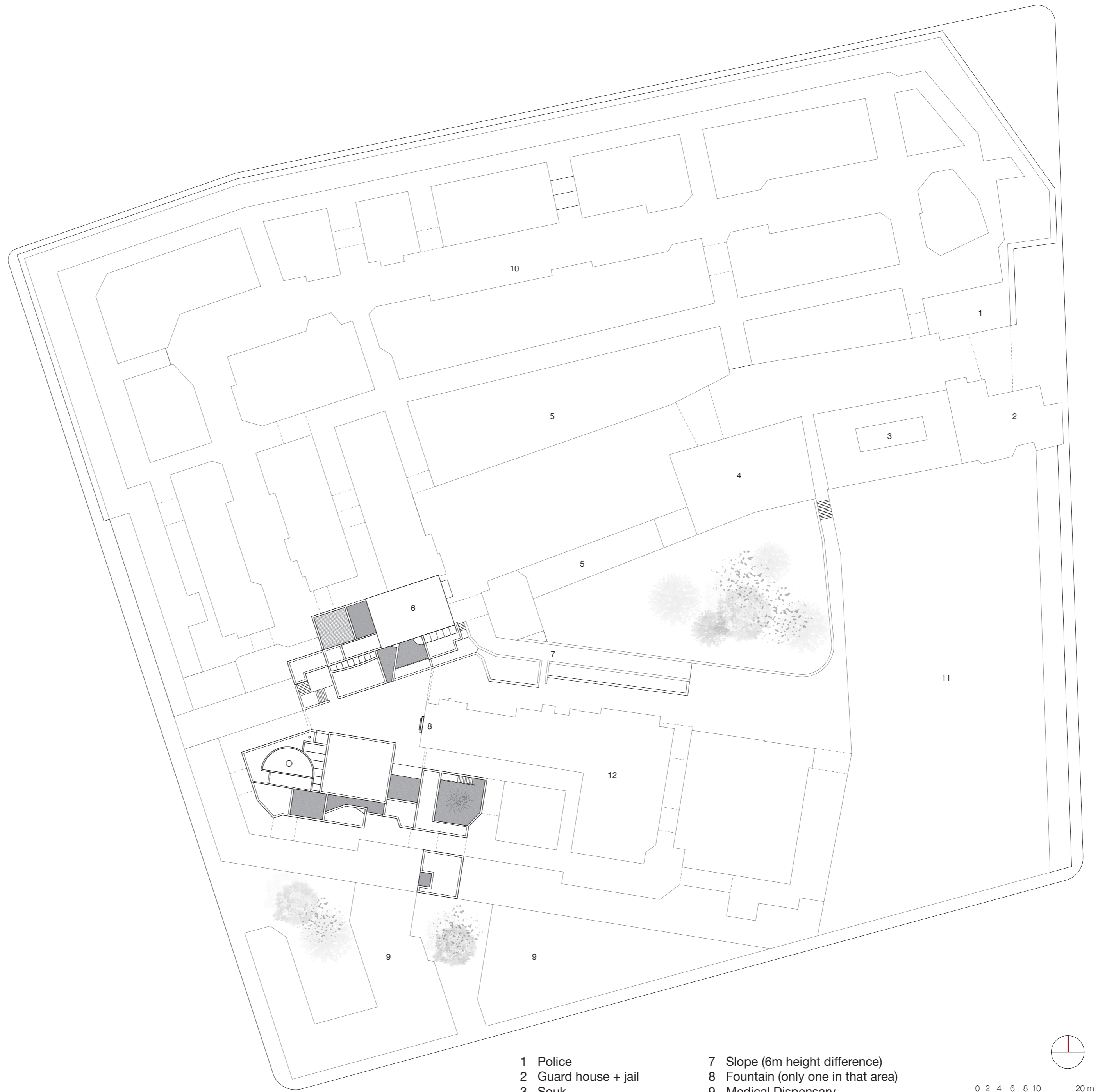
Context: Bousbir



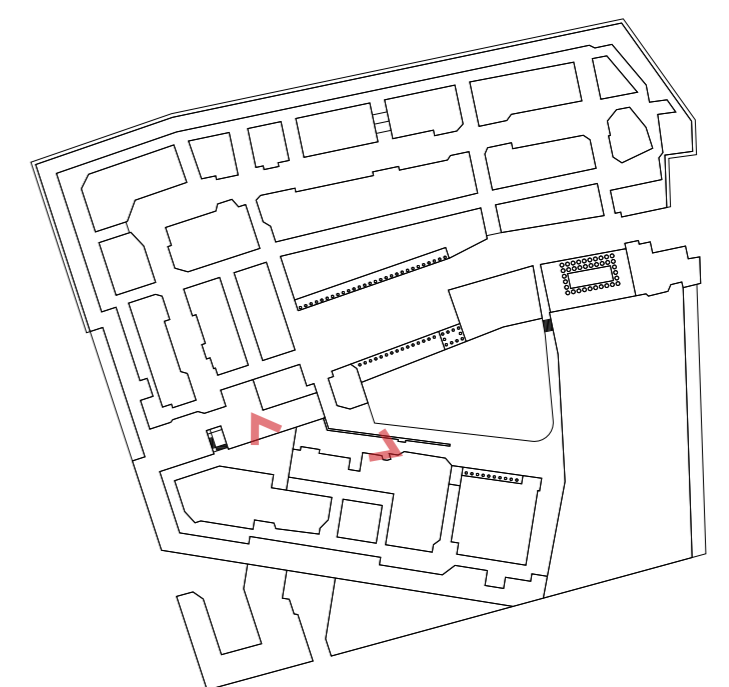
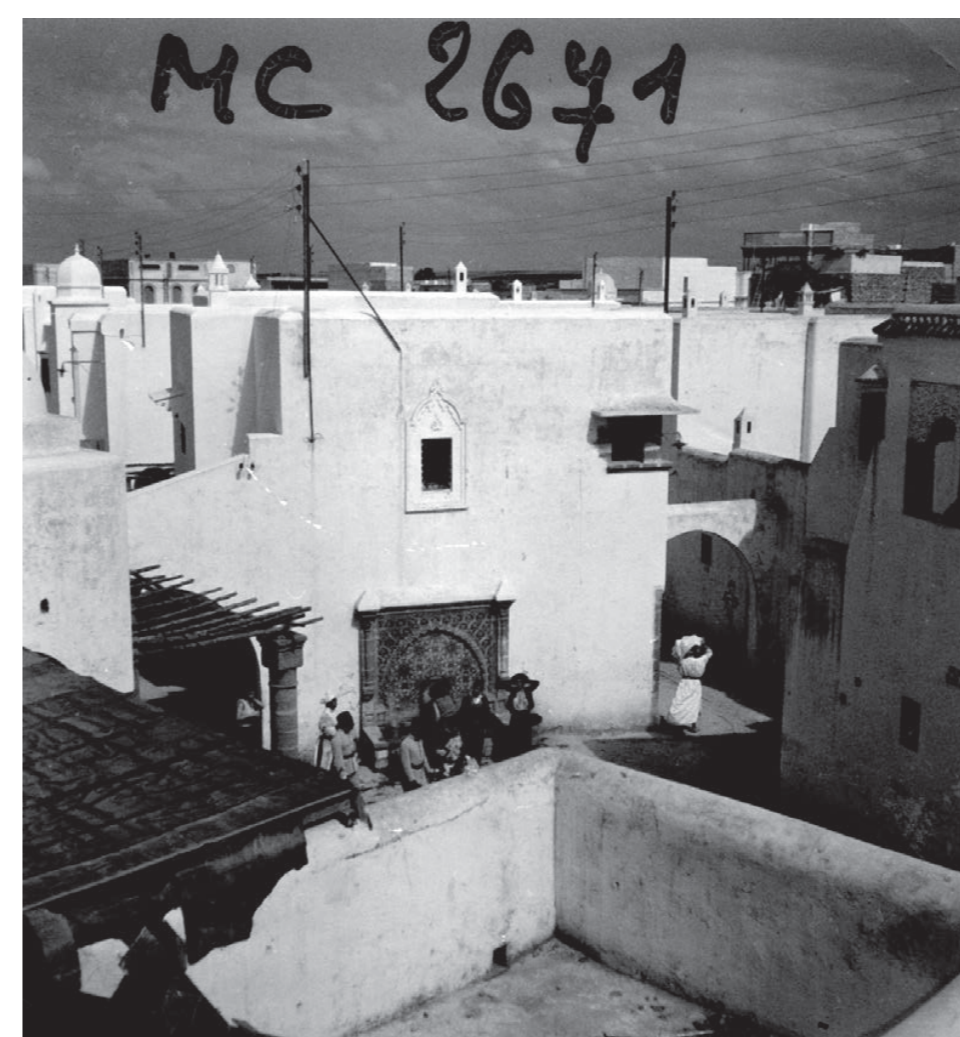
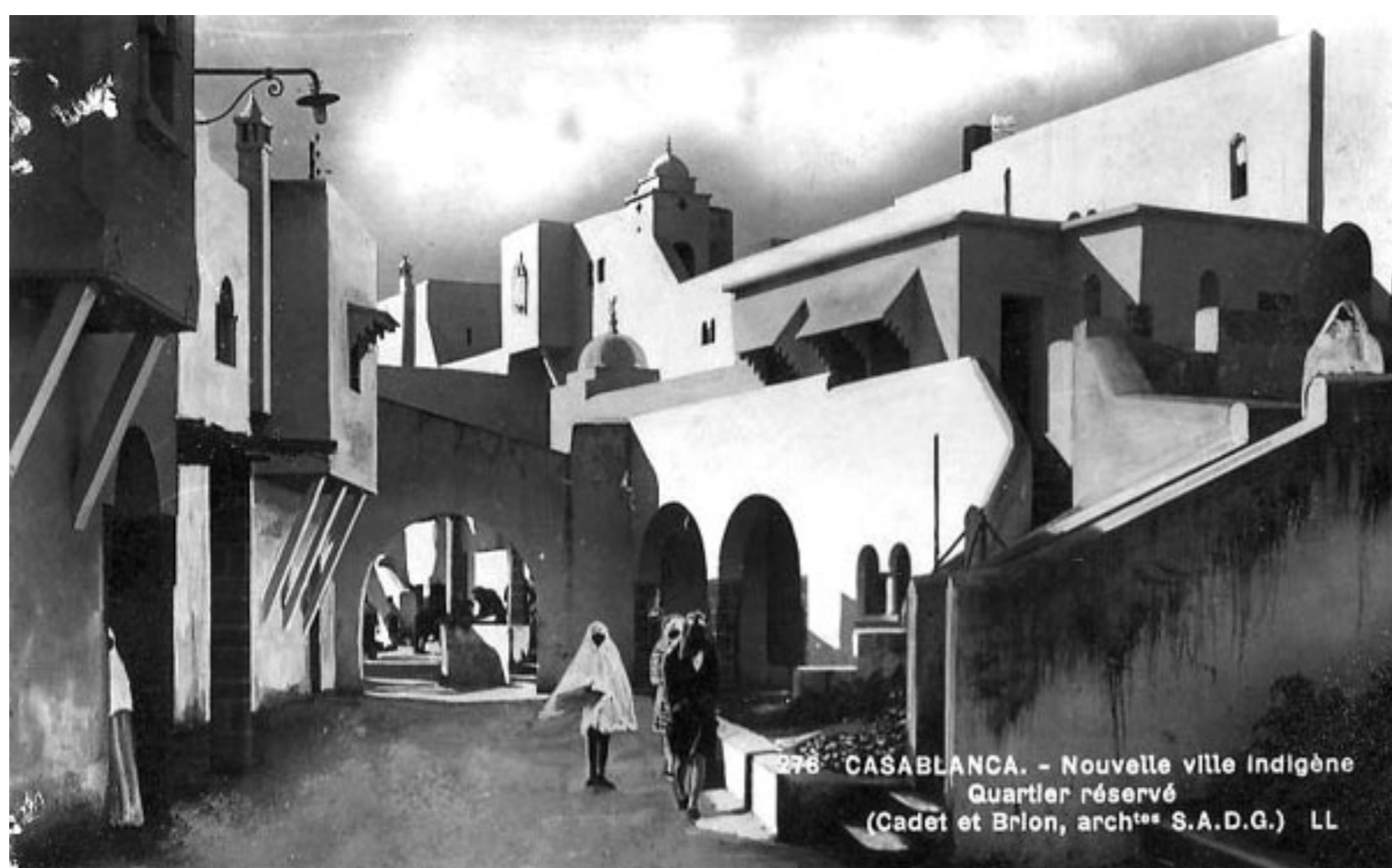
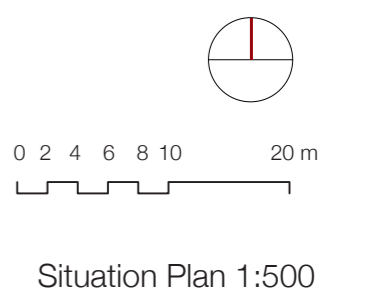
Routine: Dispensary

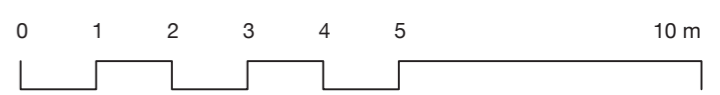


Site: En Route

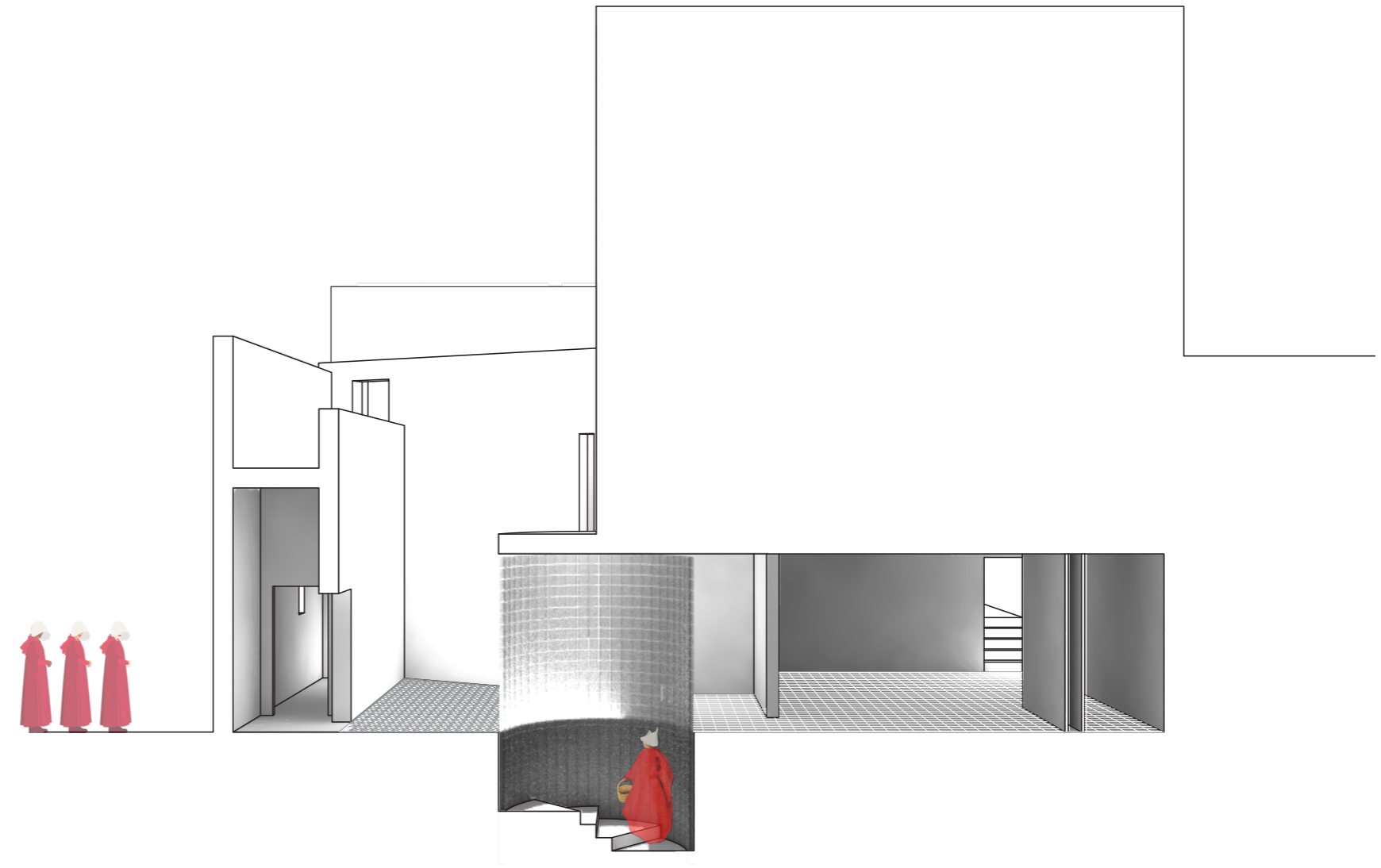
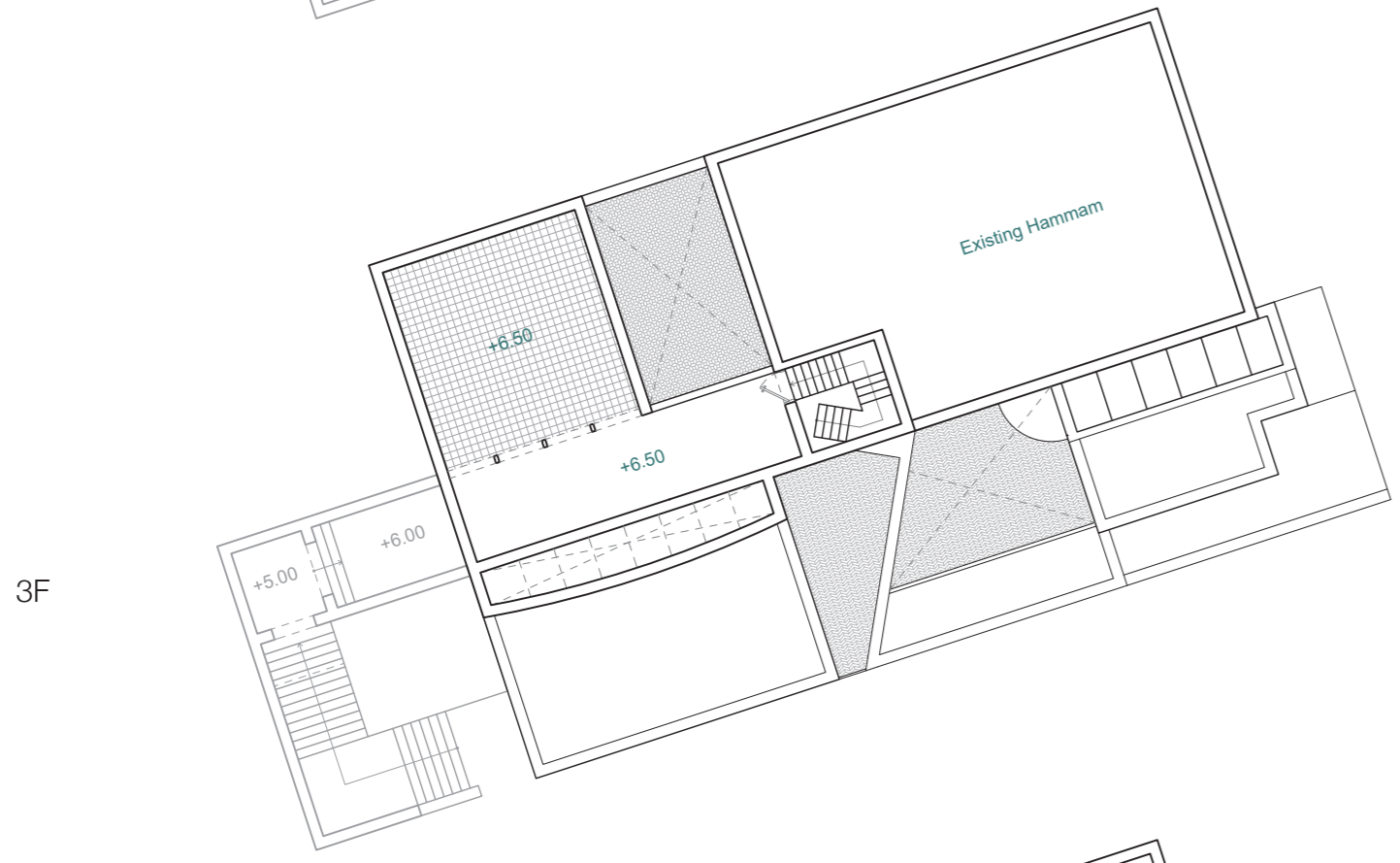
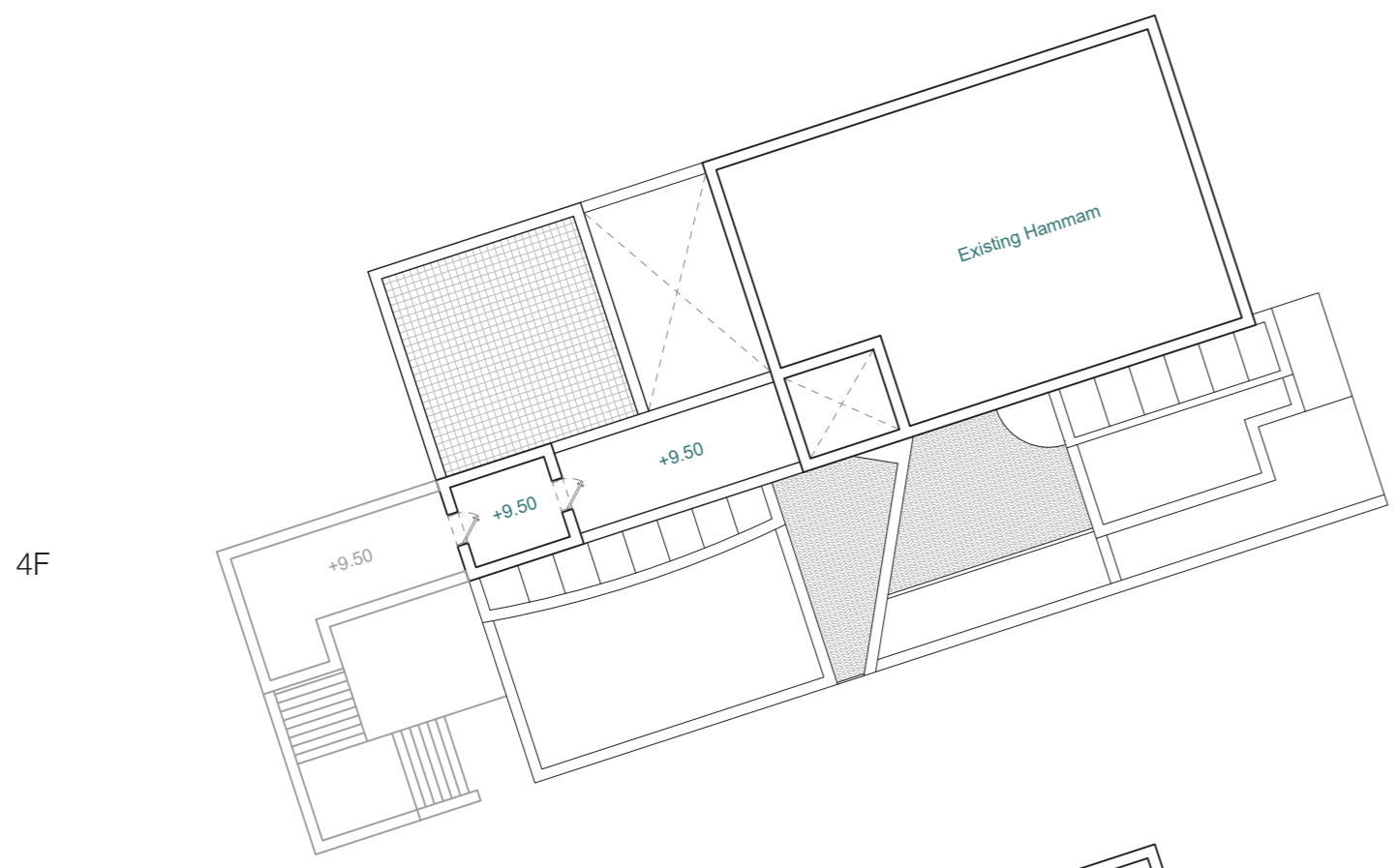


- 1 Police
- 2 Guard house + jail
- 3 Souk
- 4 Cinema
- 5 Shops and cafes
- 6 Hammam
- 7 Slope (6m height difference)
- 8 Fountain (only one in that area)
- 9 Medical Dispensary
- 10 Moorish zone
- 11 European zone (never realised)
- 12 Jewish zone

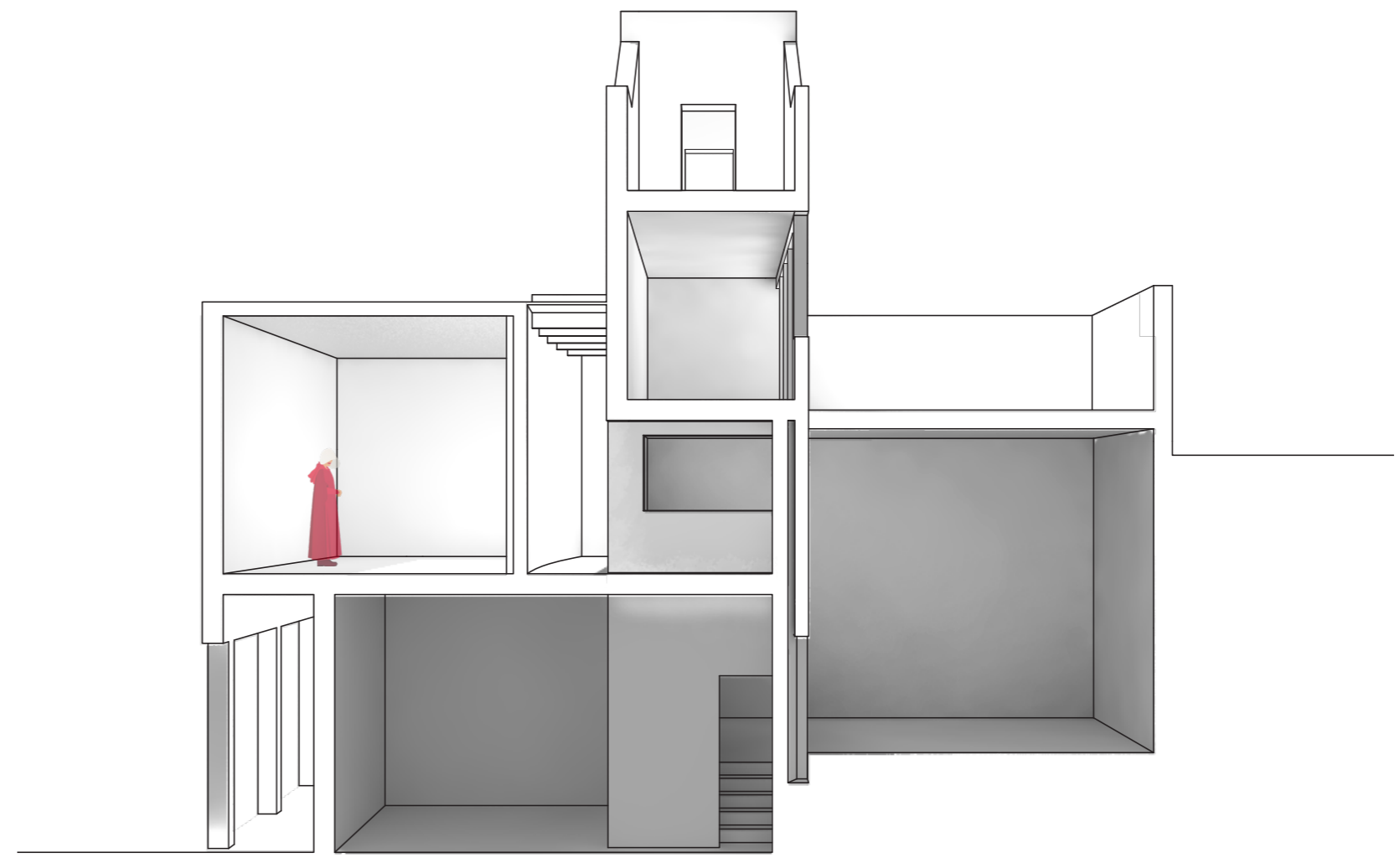




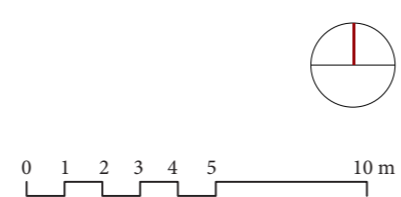
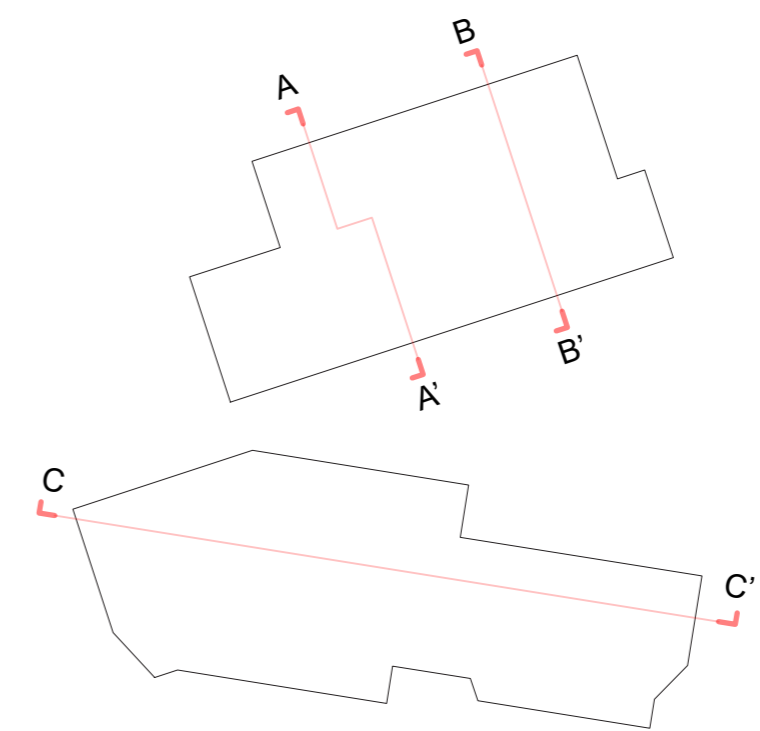
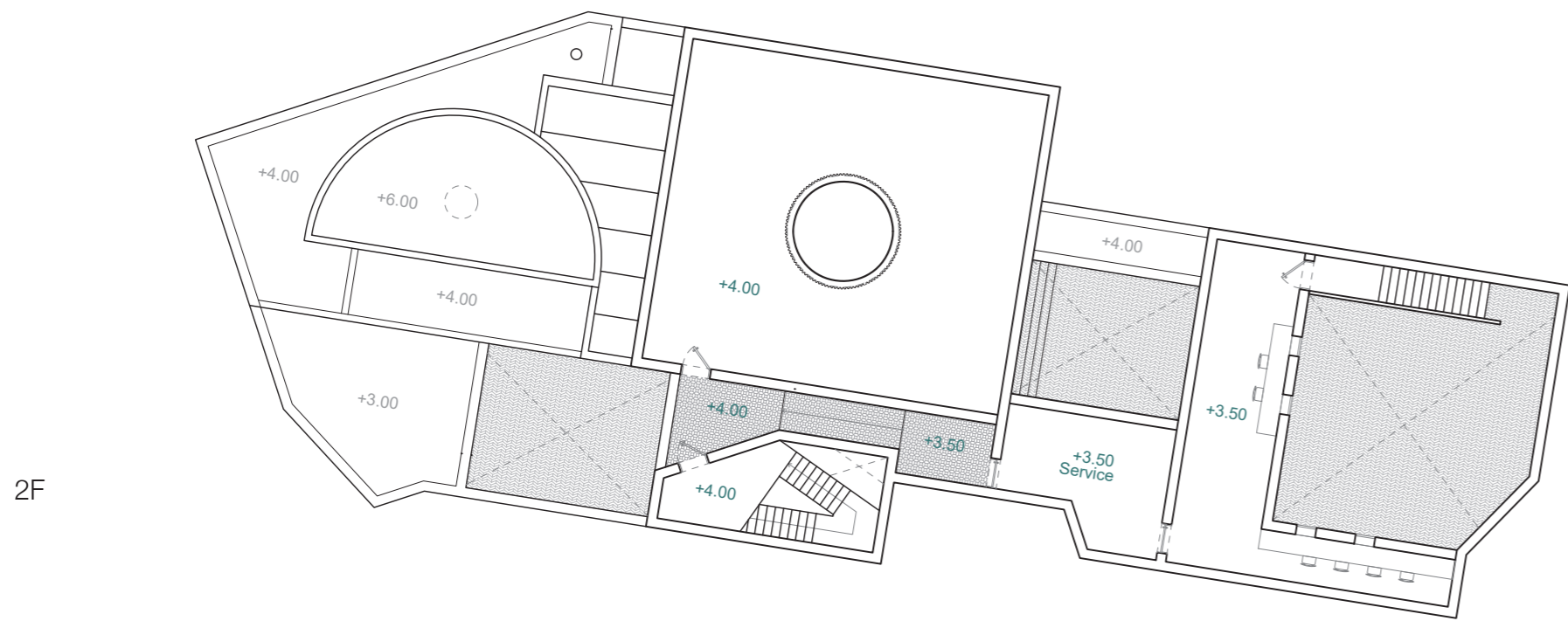
Ground Floor Plan 1:100



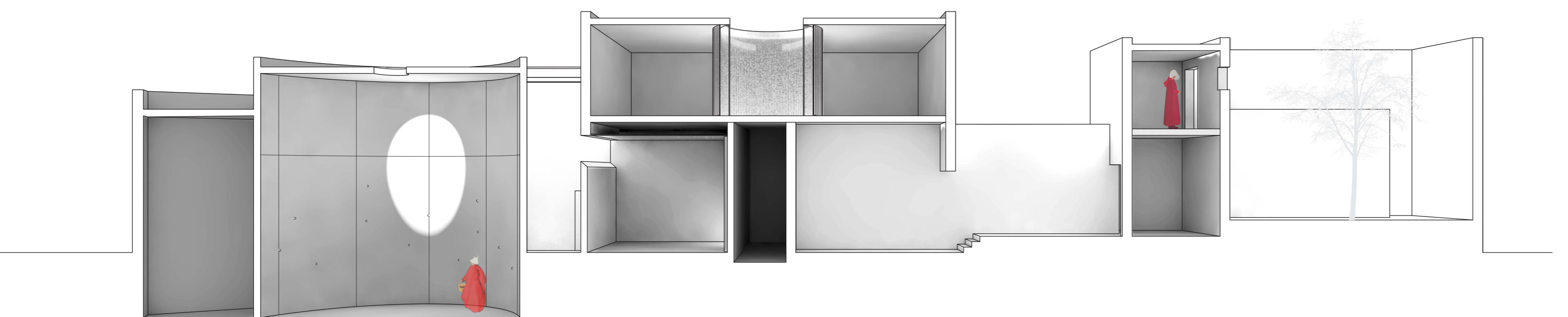
Section A-A'



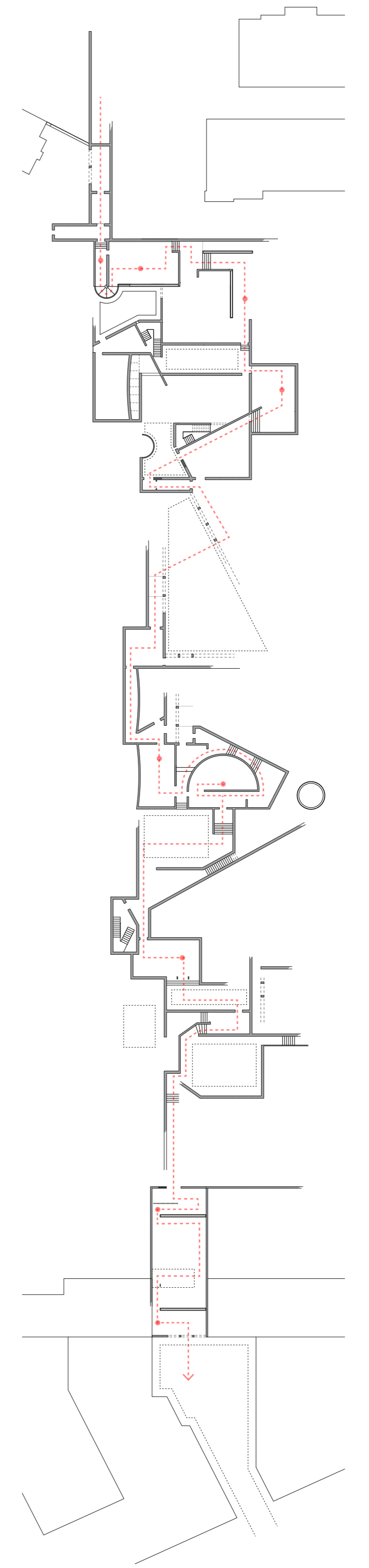
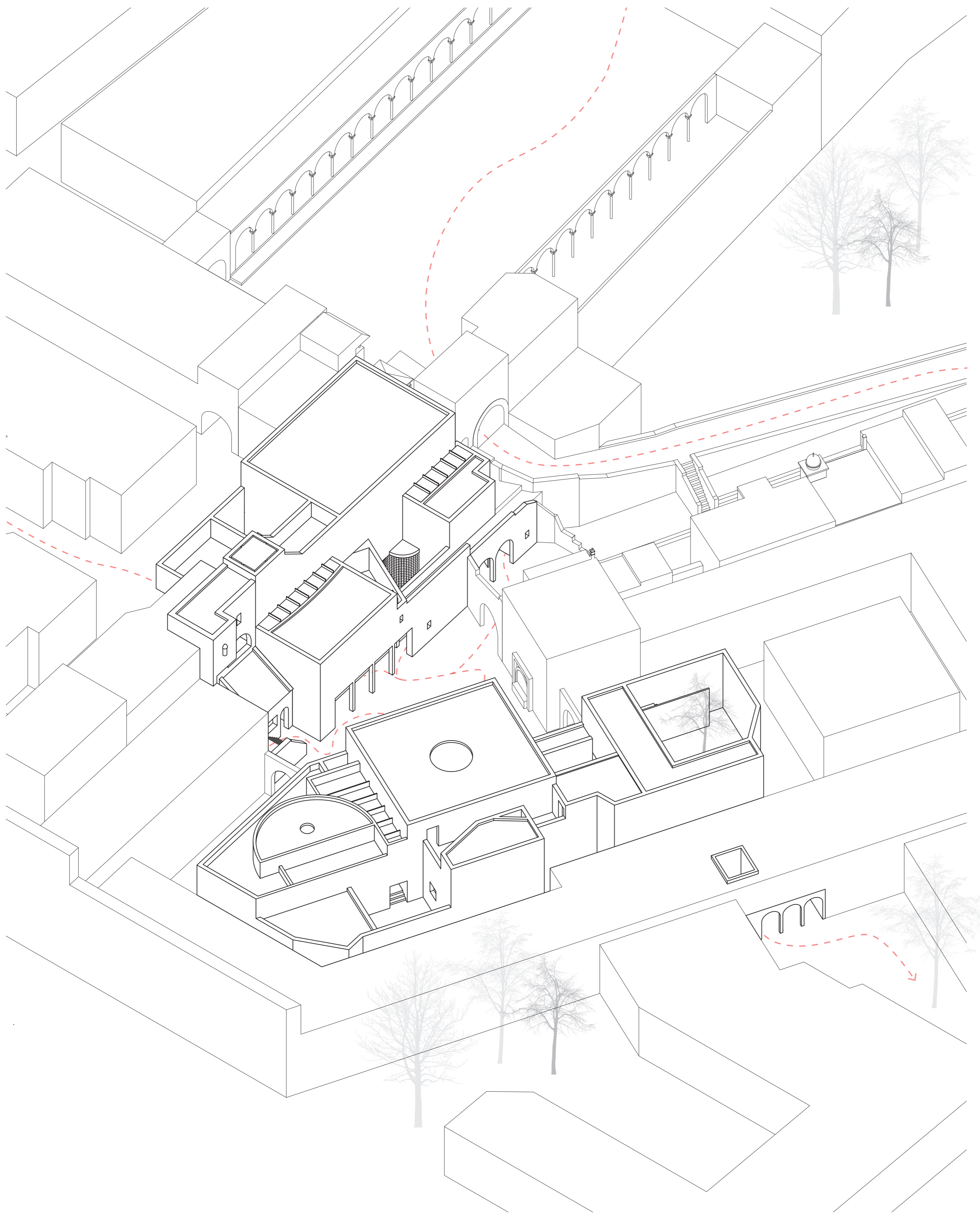
Section B-B'



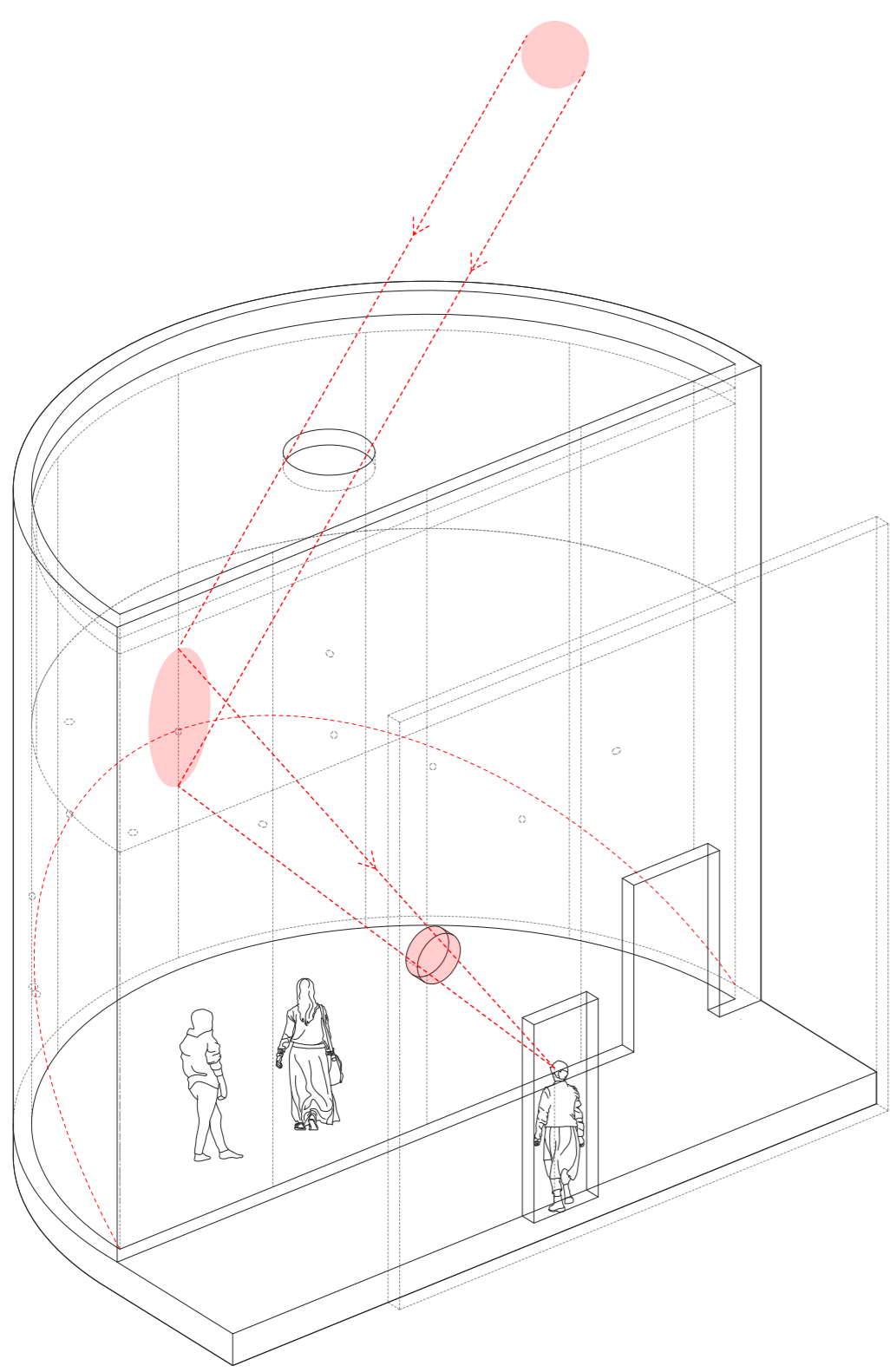
Other Floor Plans 1:200



Section C-C'

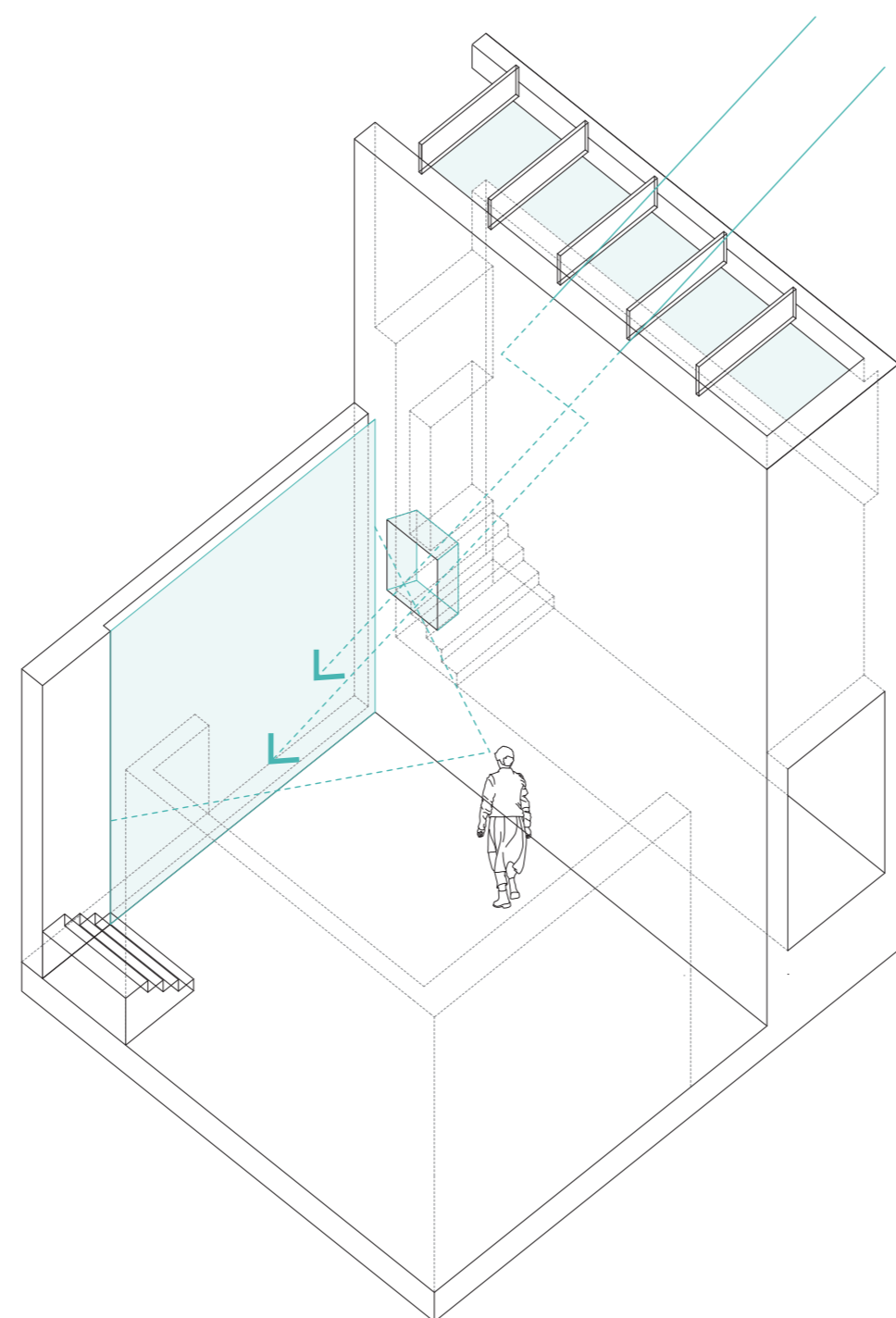


Left: Axonometric  
Right: Unfolded plan 1:500



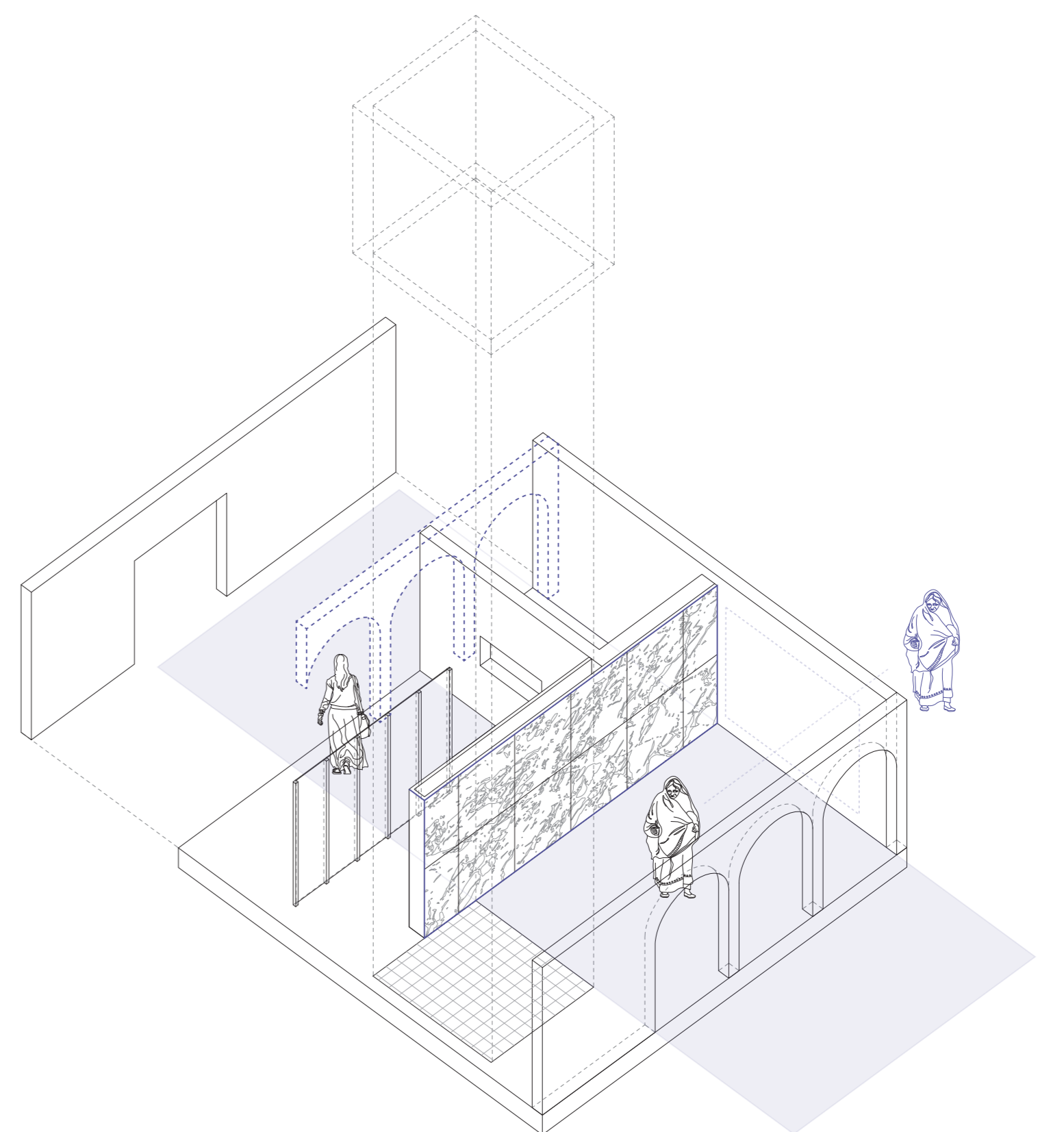
Abstraction of Wall  
light given form

*the strategic placement of openings  
in this element allows the light (sun)  
to belong to multiple people at the  
same time*



Abstraction of Light  
revealing materiality

*Light filtered through an adjacent  
space in order to reveal materiality*



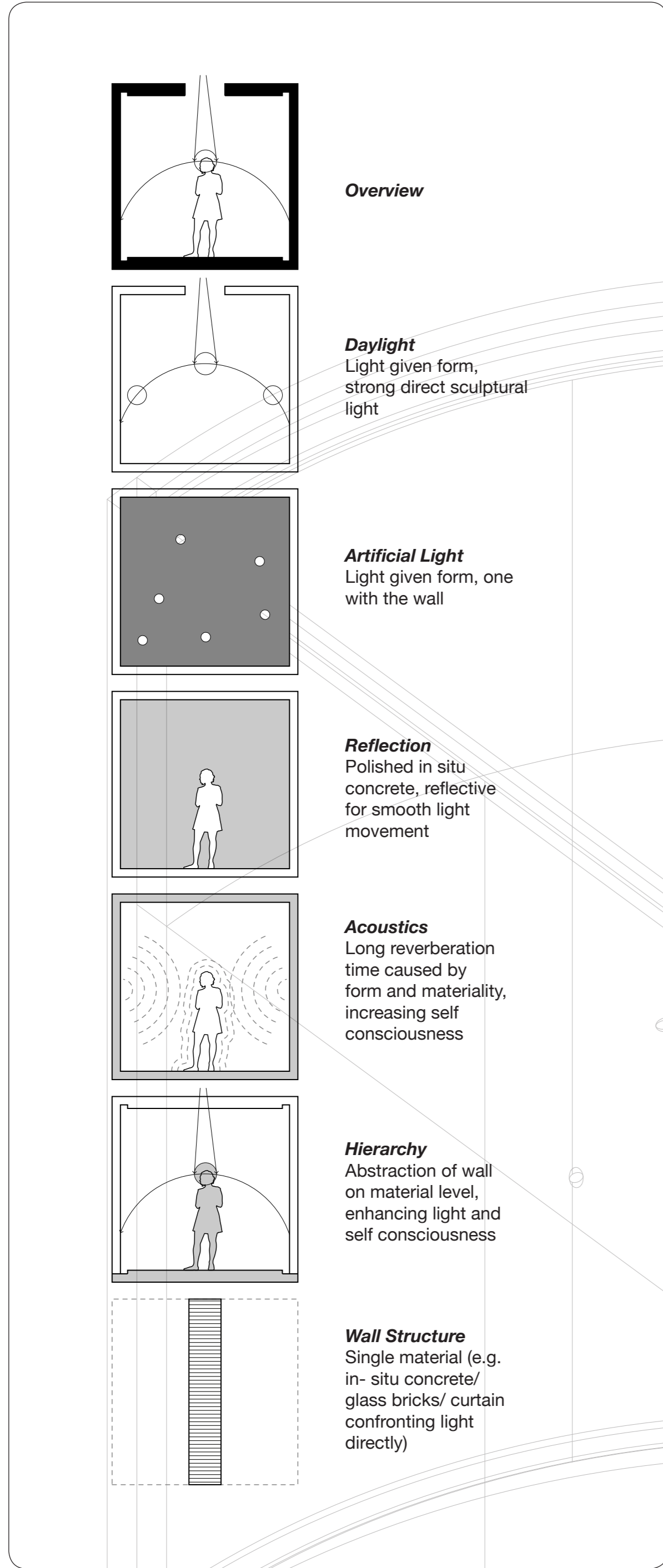
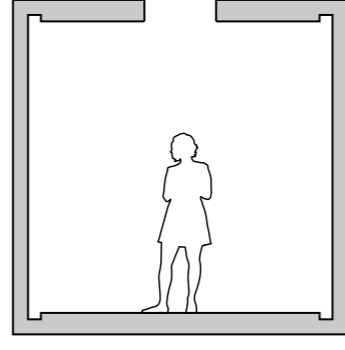
Abstraction of Wall and Light  
revealing other dimensions

*the gate between dispensary and  
Bousbir explores this revealing of  
space most fully, where two realities  
overlap*

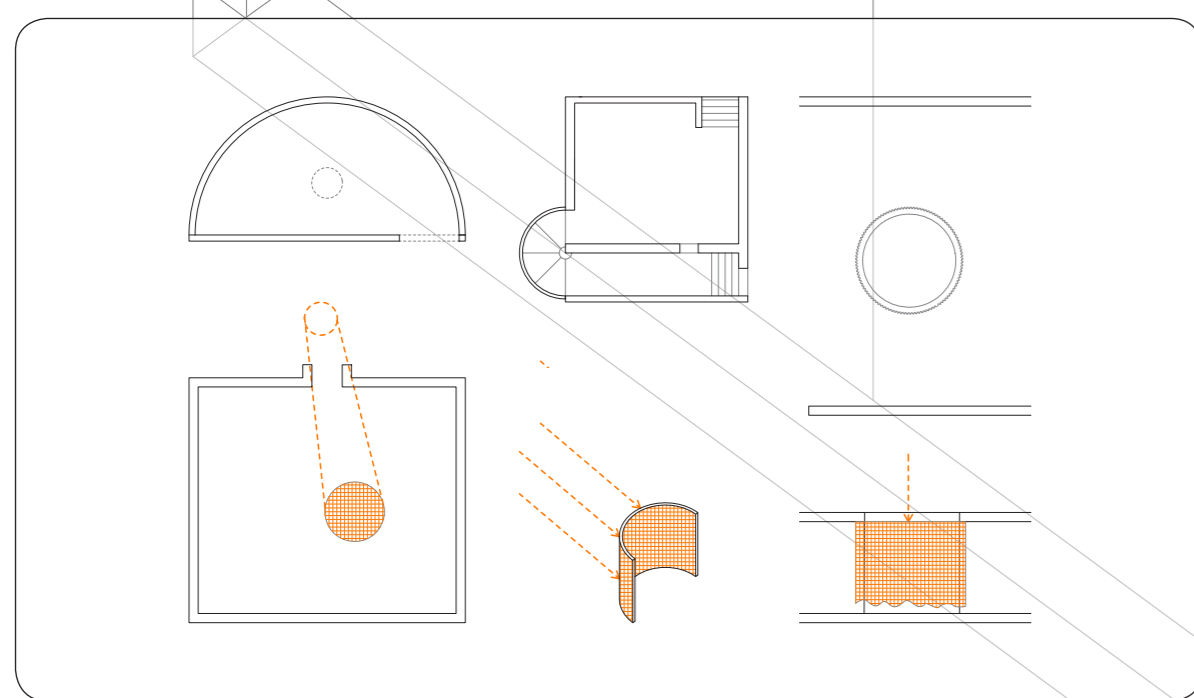
# TYPE 1 abstraction of wall

"Abstraction of walls"- When strong direct **light is given form** and revealed by wall.

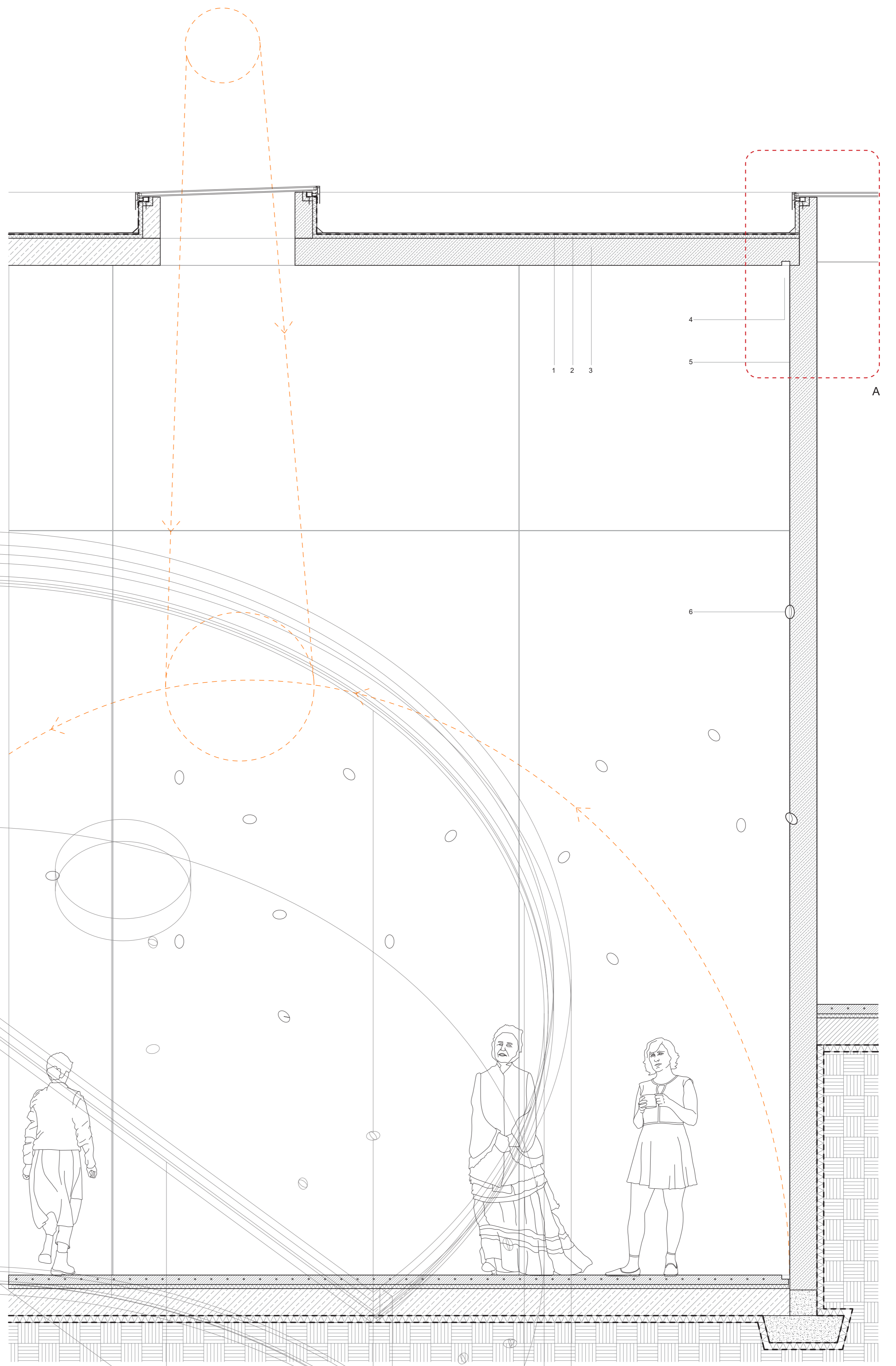
In this system, walls are abstracted on the material level as the light plays a sculptural role. The sculptural form of the wall plays important part on how the light performs. Examples in the design that belong to this system are half circular in-situ concrete wall where the skylight runs across it throughout the day, and the glass cylinder wrapped in translucent curtains.



Type 1 Diagrams

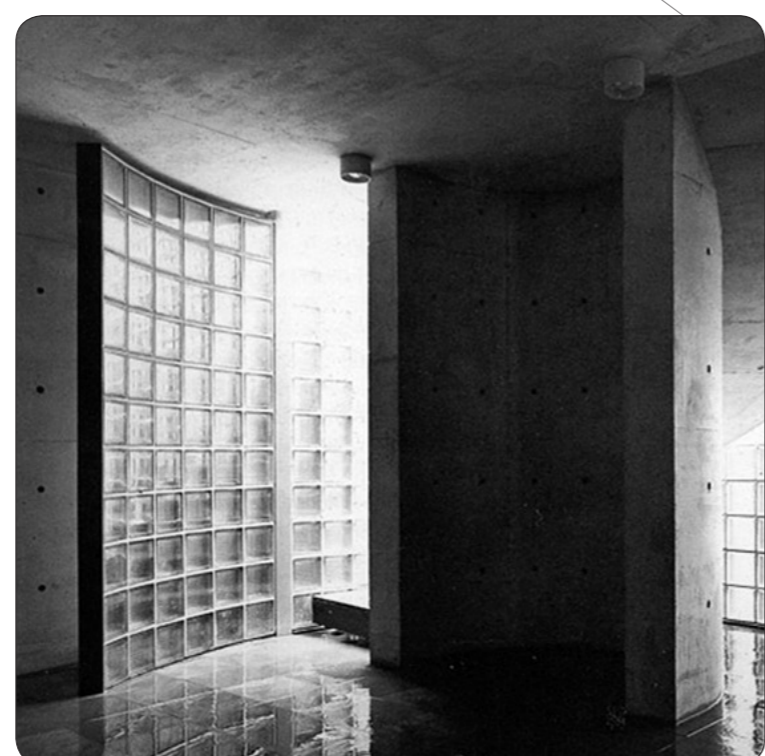
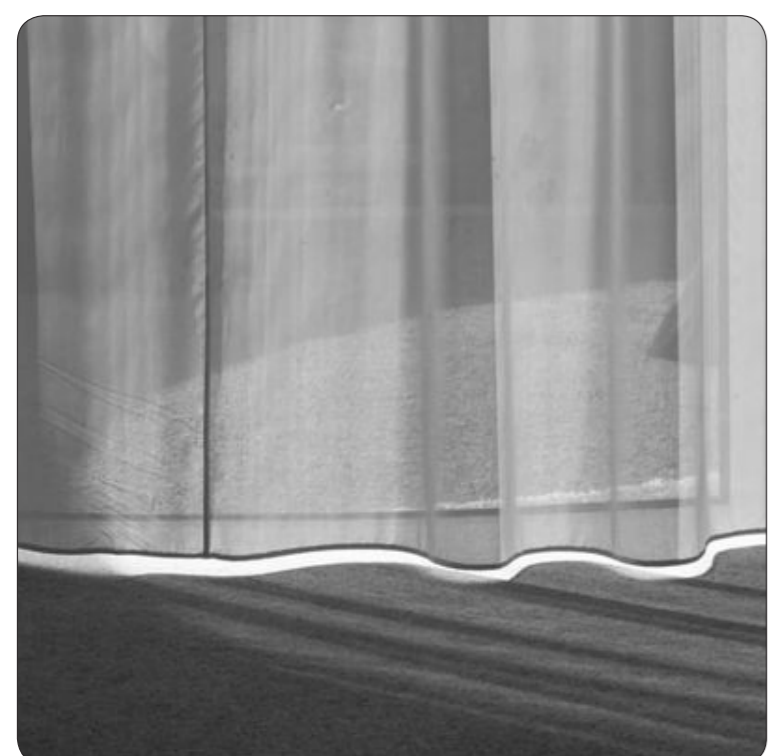


Variation Diagram



1:20 Type 1 Example

Roof		
Finishing layer		10mm
1 dpc, insulation (EPS), vapour barrier		30mm
2 Reinforced concrete slab		200mm
3 Profile detail		
4		total: 240 mm
In-situ load bearing wall		
5 In-situ polished concrete wall		200 mm
6 Cast in wall artificial lighting		200 mm
		total: 200mm



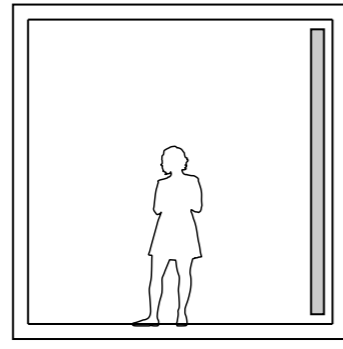
Reference:  
Curtain | SANAA  
Glass brick | Tadao Ando  
Lights cast in concrete wall | Peter Salter

1:5 Detail A

# TYPE 2 abstraction of light

"Abstraction of light"- When walls are revealed by light, **emergence of materiality**.

In this system, softer, diffused, indirect light hit the walls, revealing in more detail the materiality of the walls. Depending on the specific space, the cladding (material) of the wall varies. The form of the wall also depends on how the material wish to be revealed. Some examples being the slightly curved aluminium clad wall taking in light from adjacent space, and water wall feature that shimmers in a dark room when light comes in from an to a bright space.

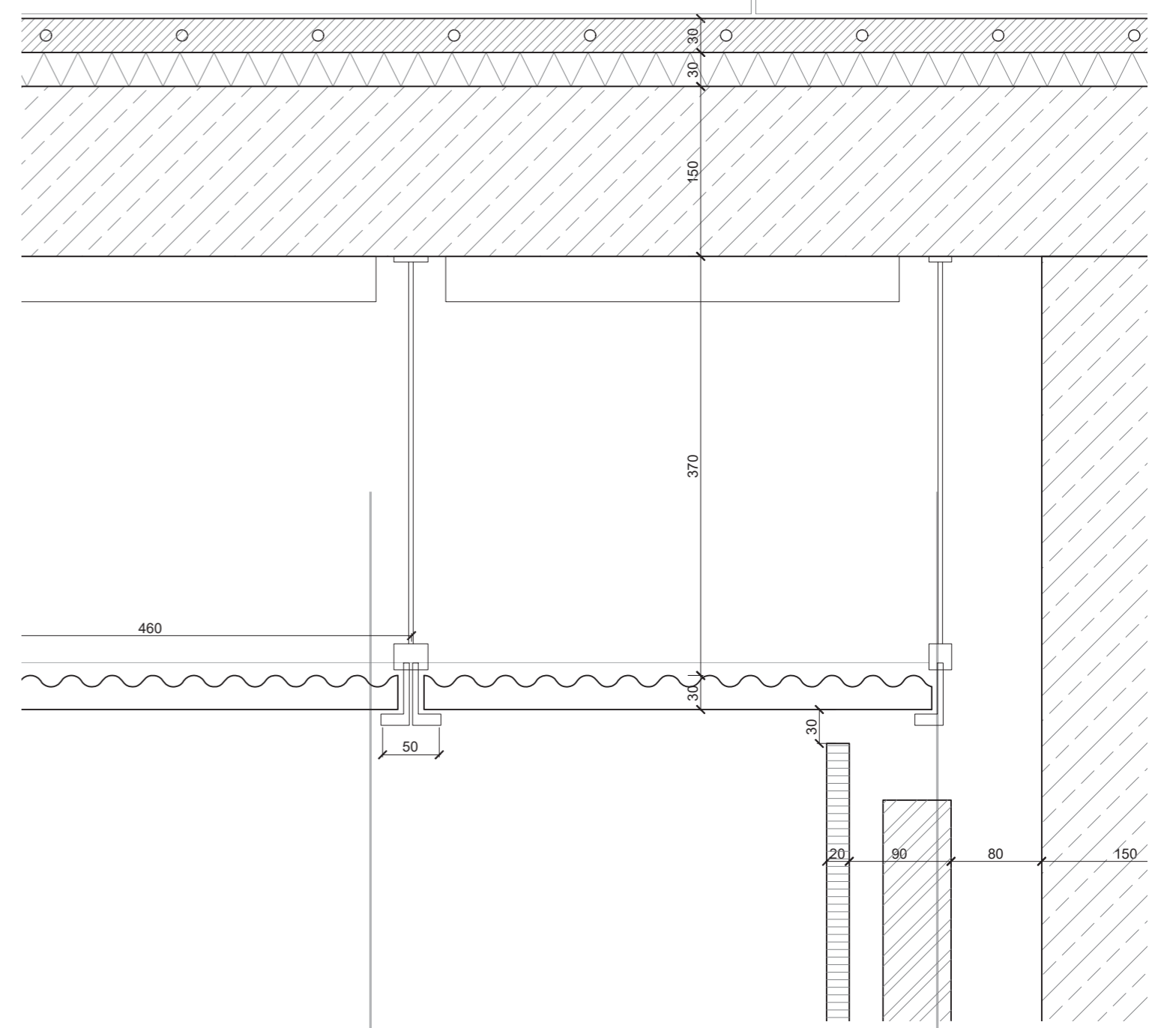


## Detail B

### Suspended ceiling system

- 7 Artificial lighting
- 8 Void (space for light to bounce)
- 9 450/450 Single sided corrugated etched glass panels 30mm

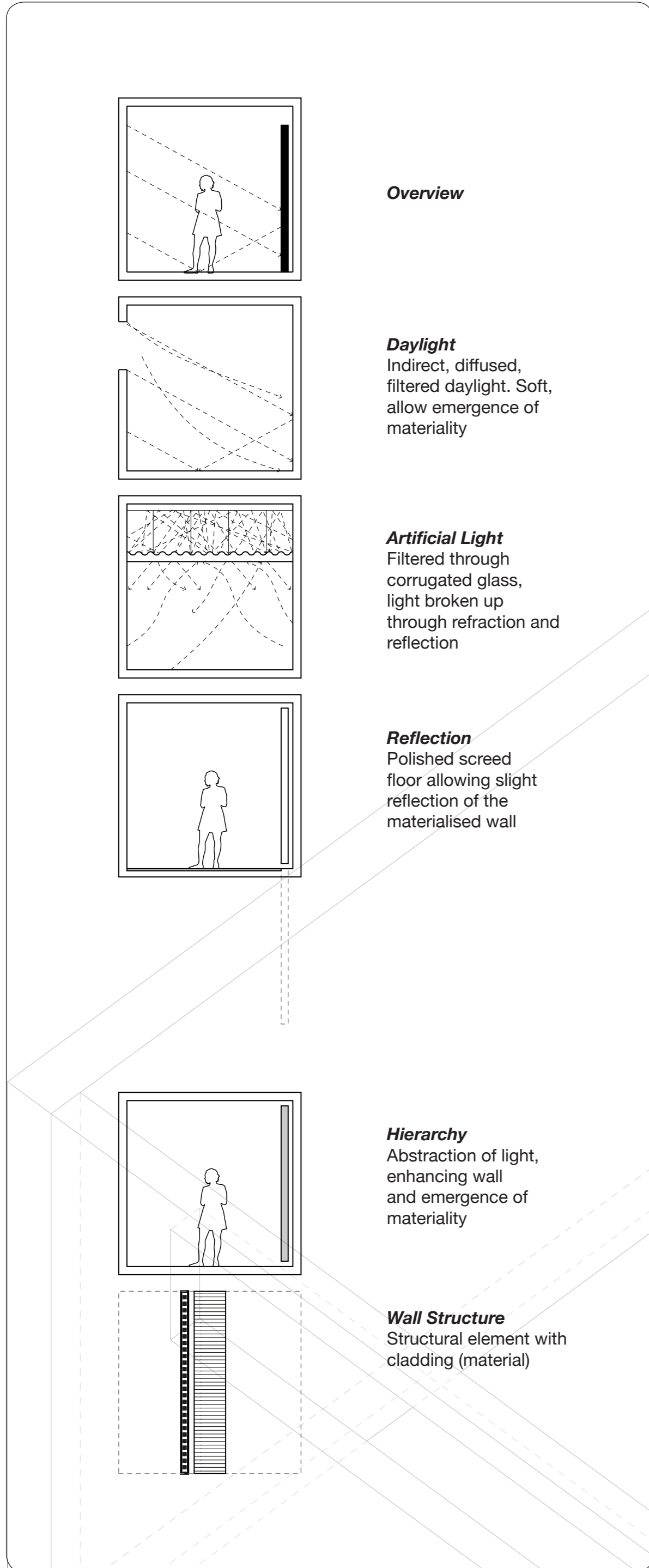
total: 400



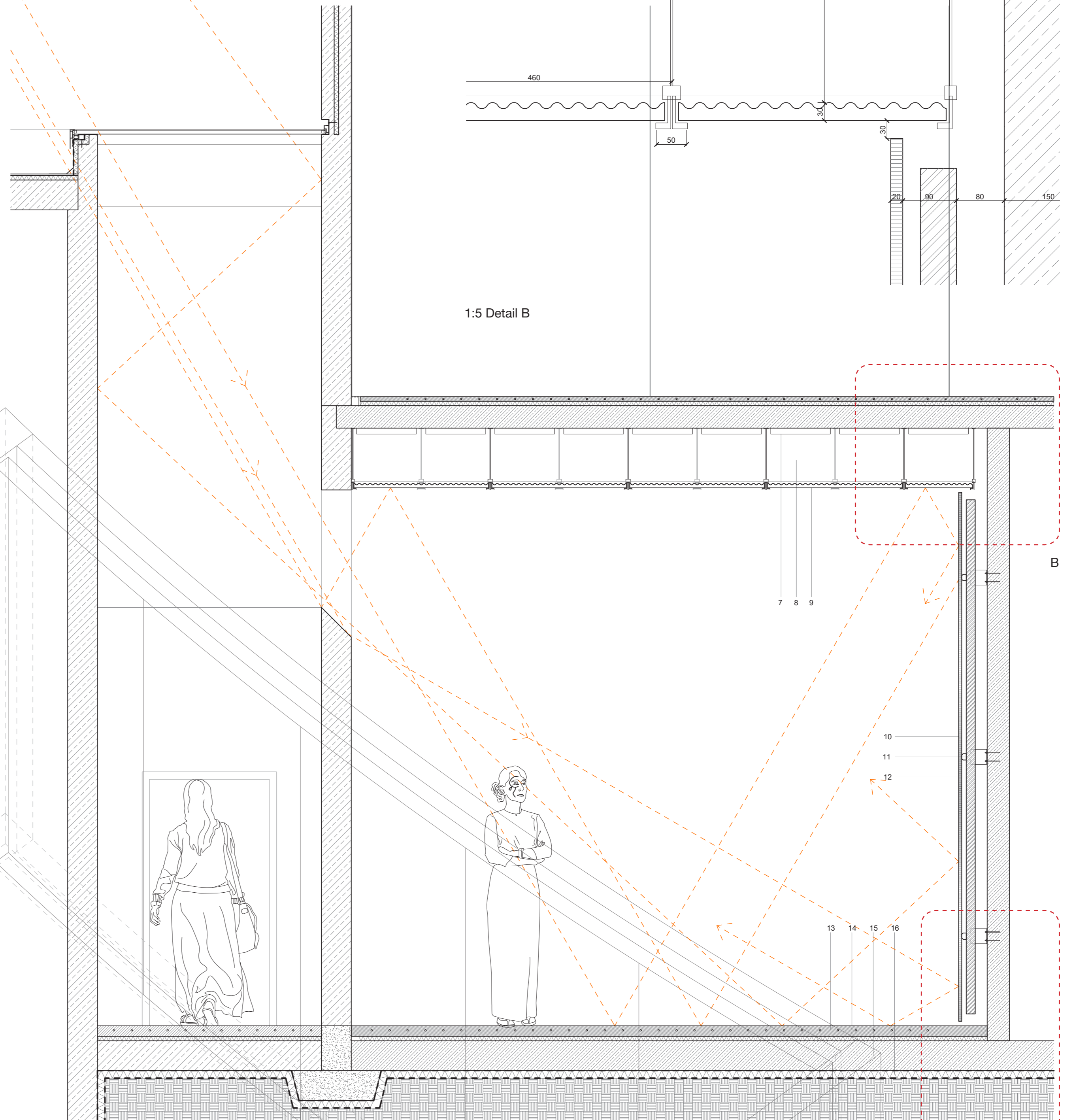
1:5 Detail B

B

C



Type 2 Diagrams



Plan Index of Types



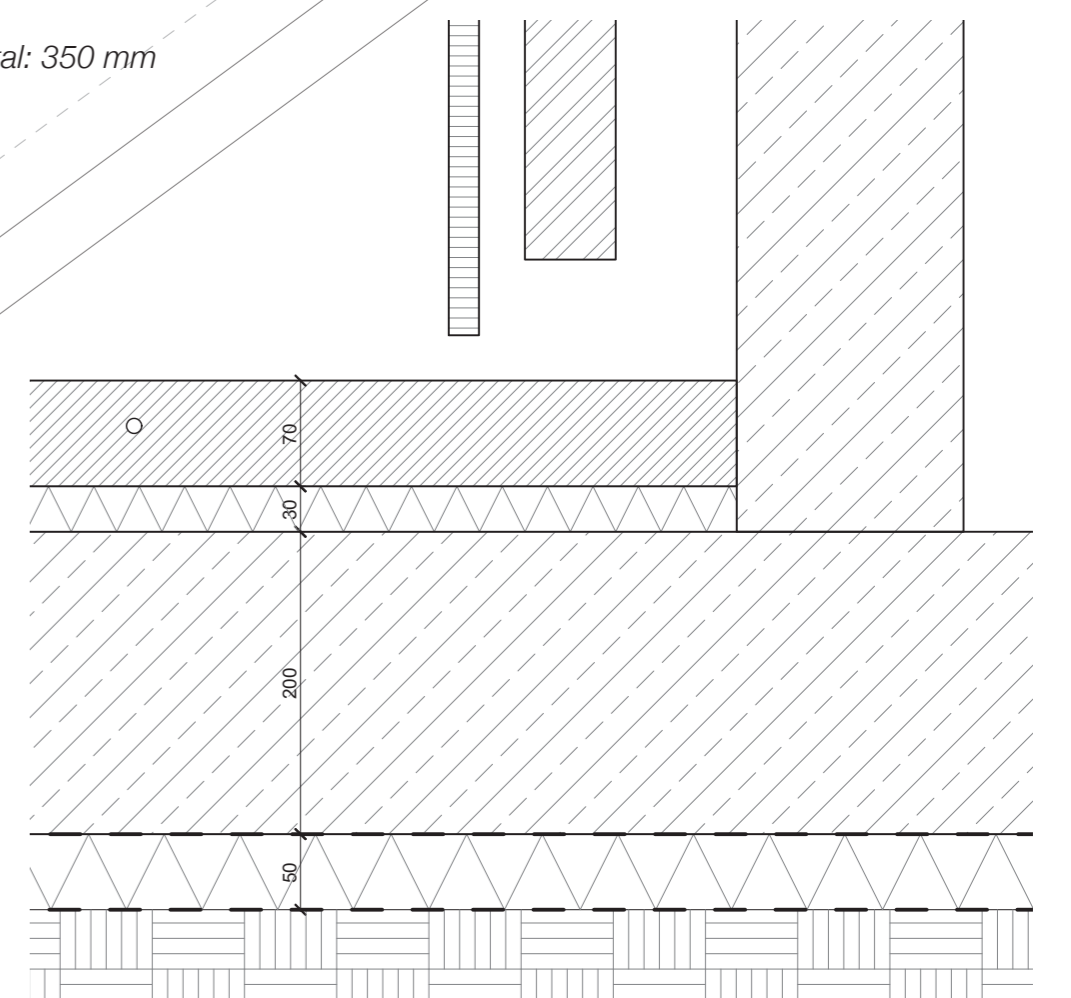
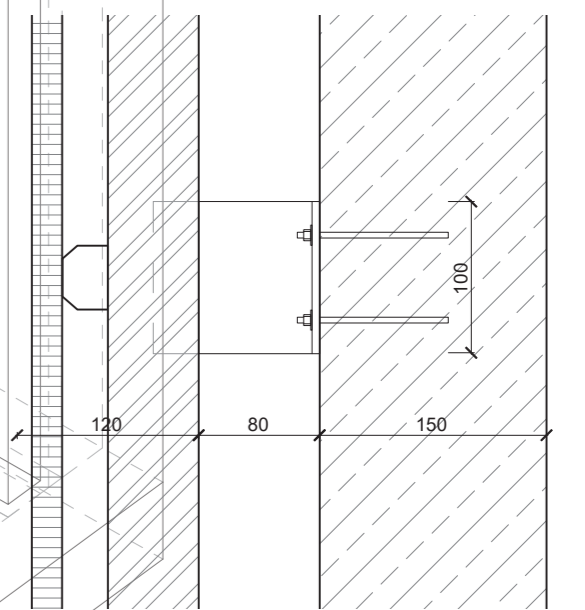
## Detail C

### Curved interior wall

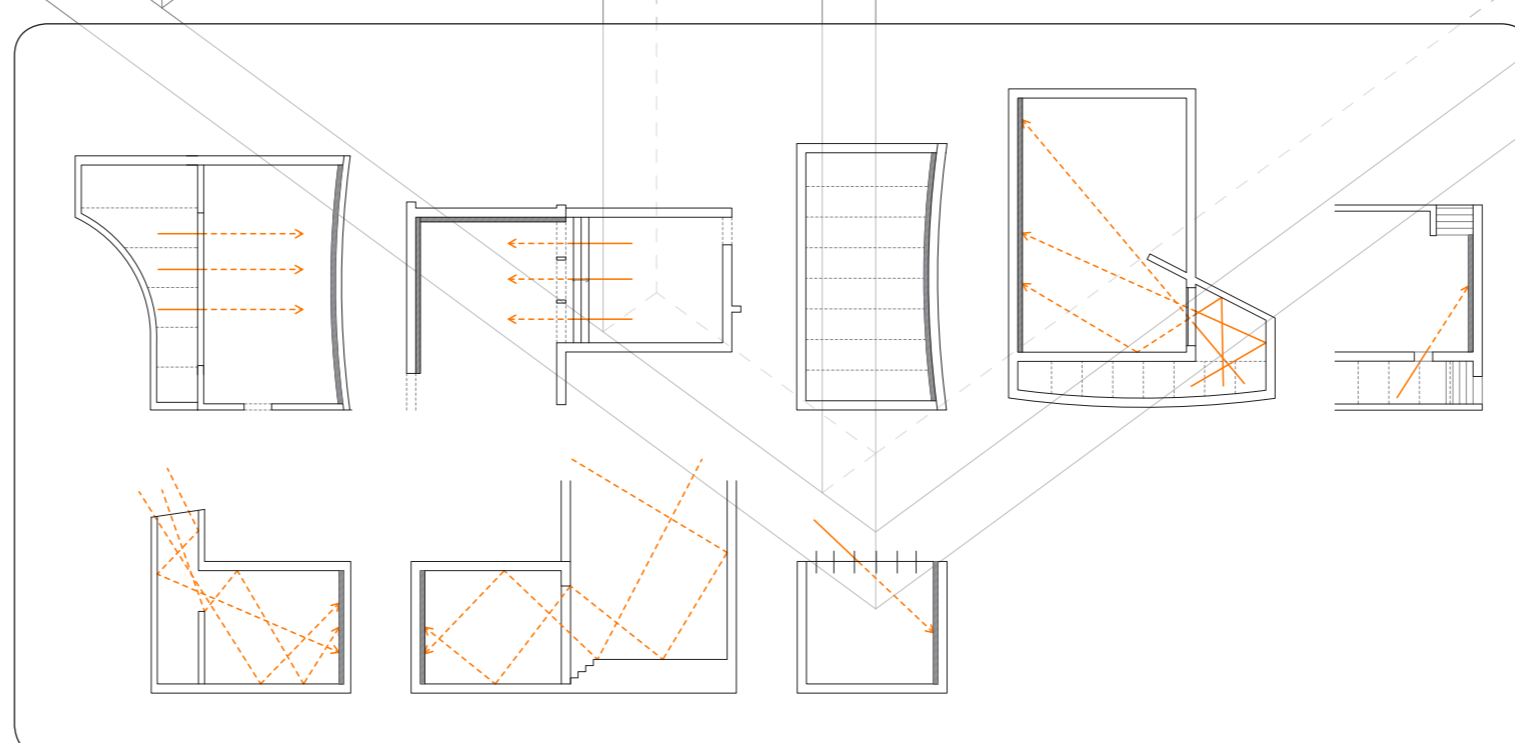
- 10 3500/1500 sandwich element: aluminium sheet, aluminium honeycomb core, aluminium sheet (1+18+1) 20mm
  - 11 Supporting framework system 170mm
  - 12 Non load bearing concrete 150mm
- total: 340 mm

### Ground floor slab system

- 13 Polished screed with underfloor heating 70mm
  - 14 Acoustic insulation 30mm
  - 15 Reinforced concrete slab 200mm
  - 16 dpc, insulation (EPS), vapour barrier 50mm
- total: 350 mm



1:5 Detail C

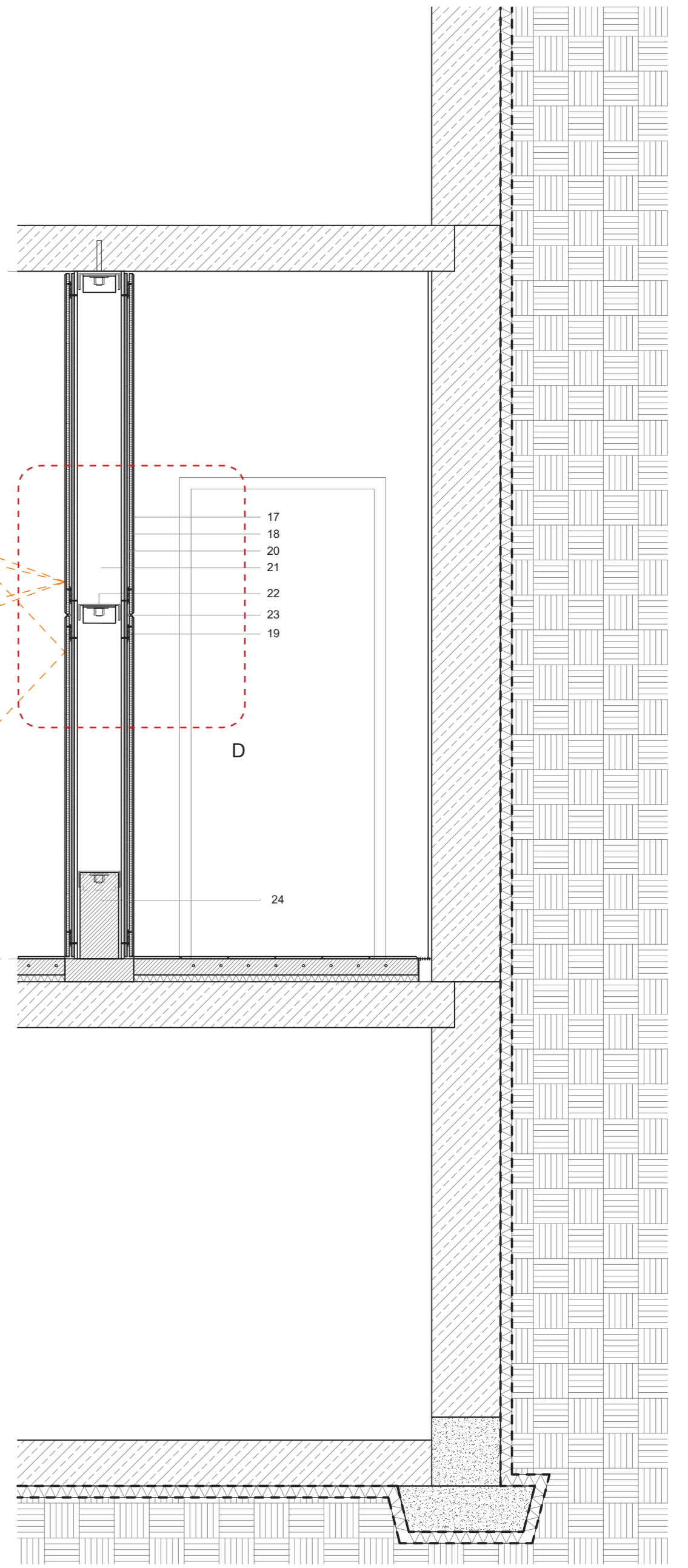
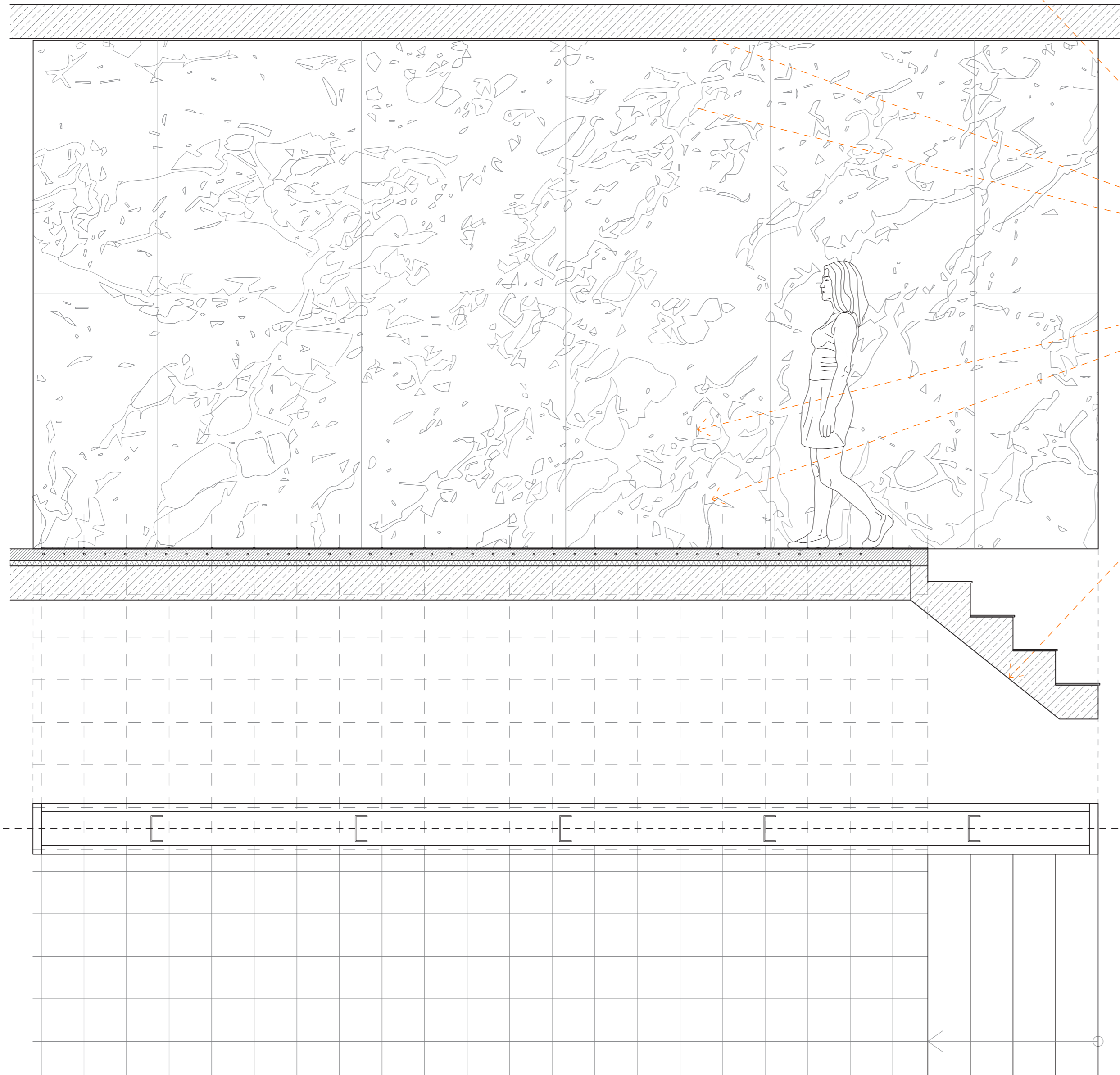
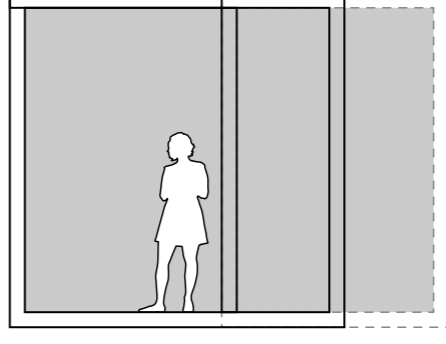


# TYPE 3

## abstraction of light and wall

"Abstraction of wall and light"- This is when wall and indirect light work together in creating an **optical illusion of another dimension**.

The walls in this case are of highly reflective materials, and the construction of the wall is hollow, denying access to the solid beneath. The walls are flat, relatively small, and light weight.



1:20 Type 3 Example (Elevation, Plan, Section)  
1:20 Type 4 Example (Far right, Load bearing walls)

# TYPE 4

## functional wall

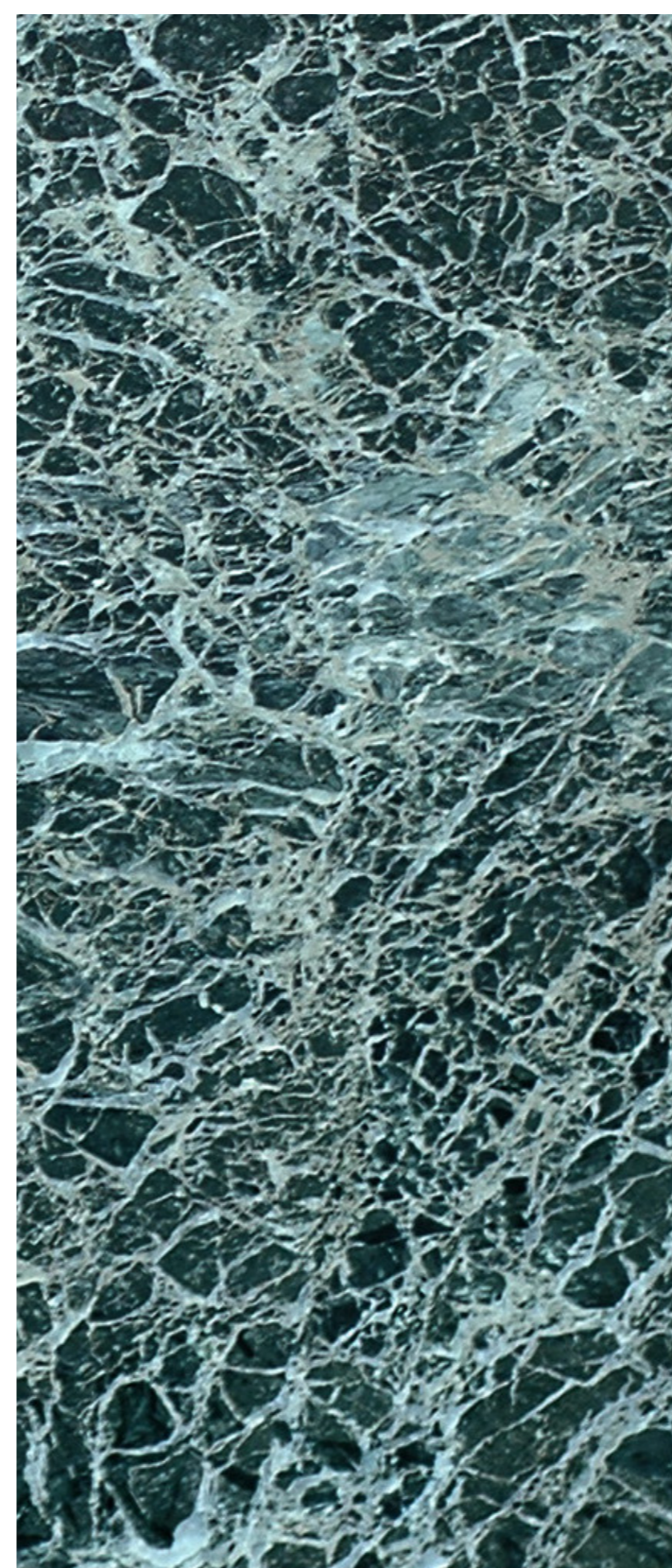
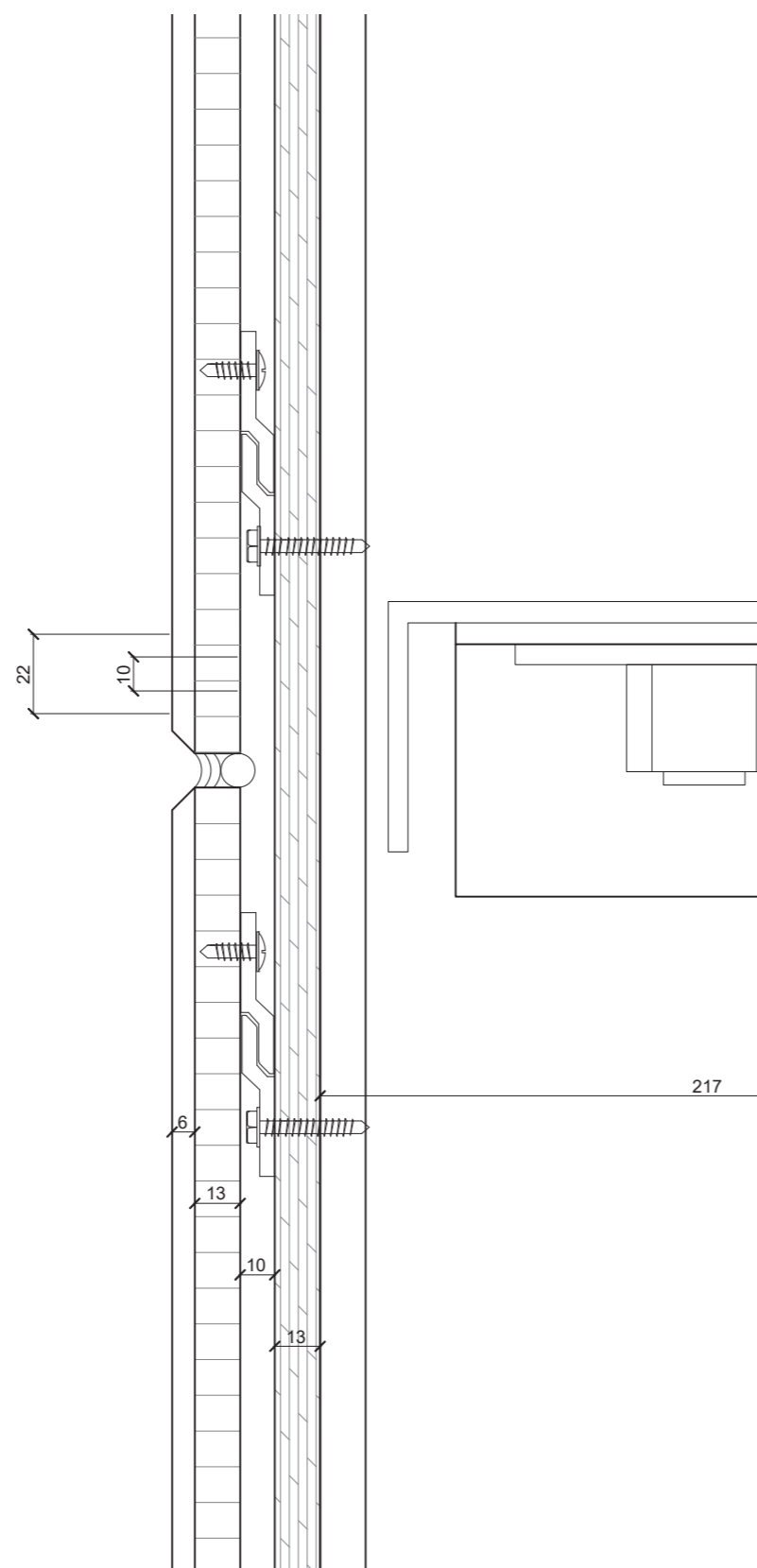
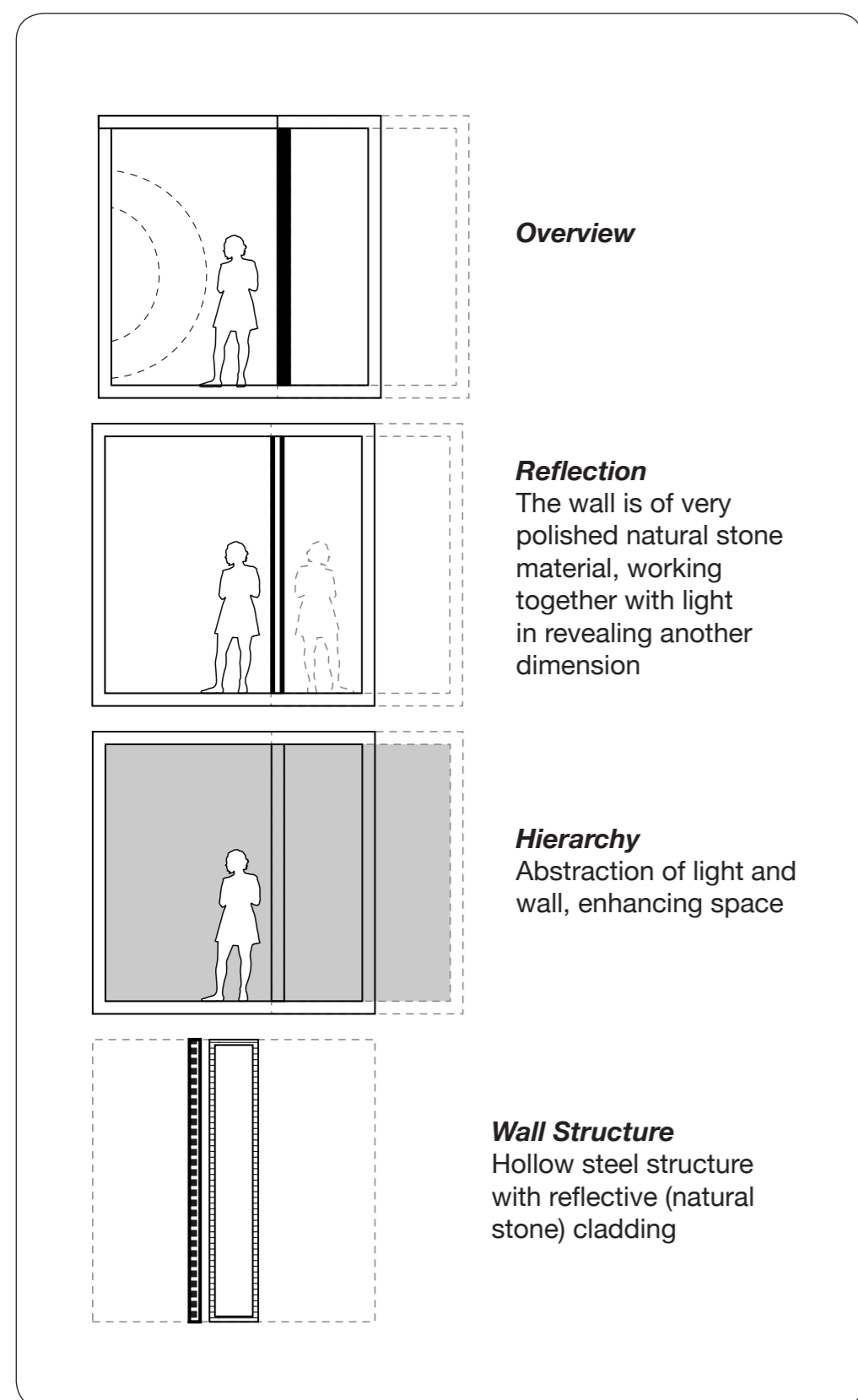
Functional walls. Generally load bearing elements that simply plays the role of supporting the structure and delineating necessary spaces.

### Detail D

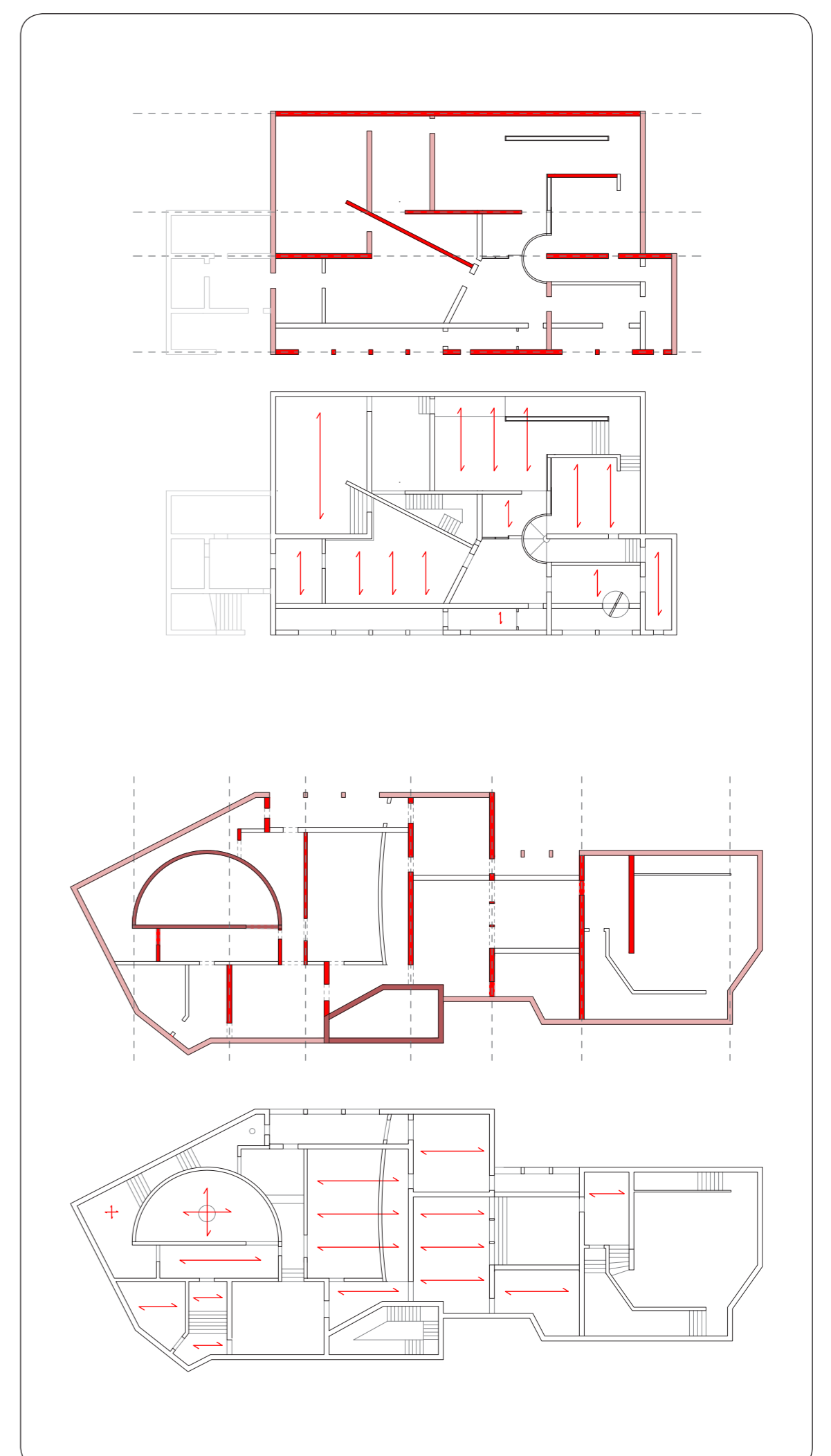
#### Hollow wall

17	1500/1200 Polished natural stone panels (marble)	6mm	22	C beam	
18	Aluminium Honeycomb	13mm	23	Backer rod and sealant	10mm
19	Z clip attached to aluminium facing, Field attach Z clip at stud framing	10mm	24	Concrete footing	
20	Exterior sheeting	13mm			
21	Stud framing	217mm			

total: 300 mm



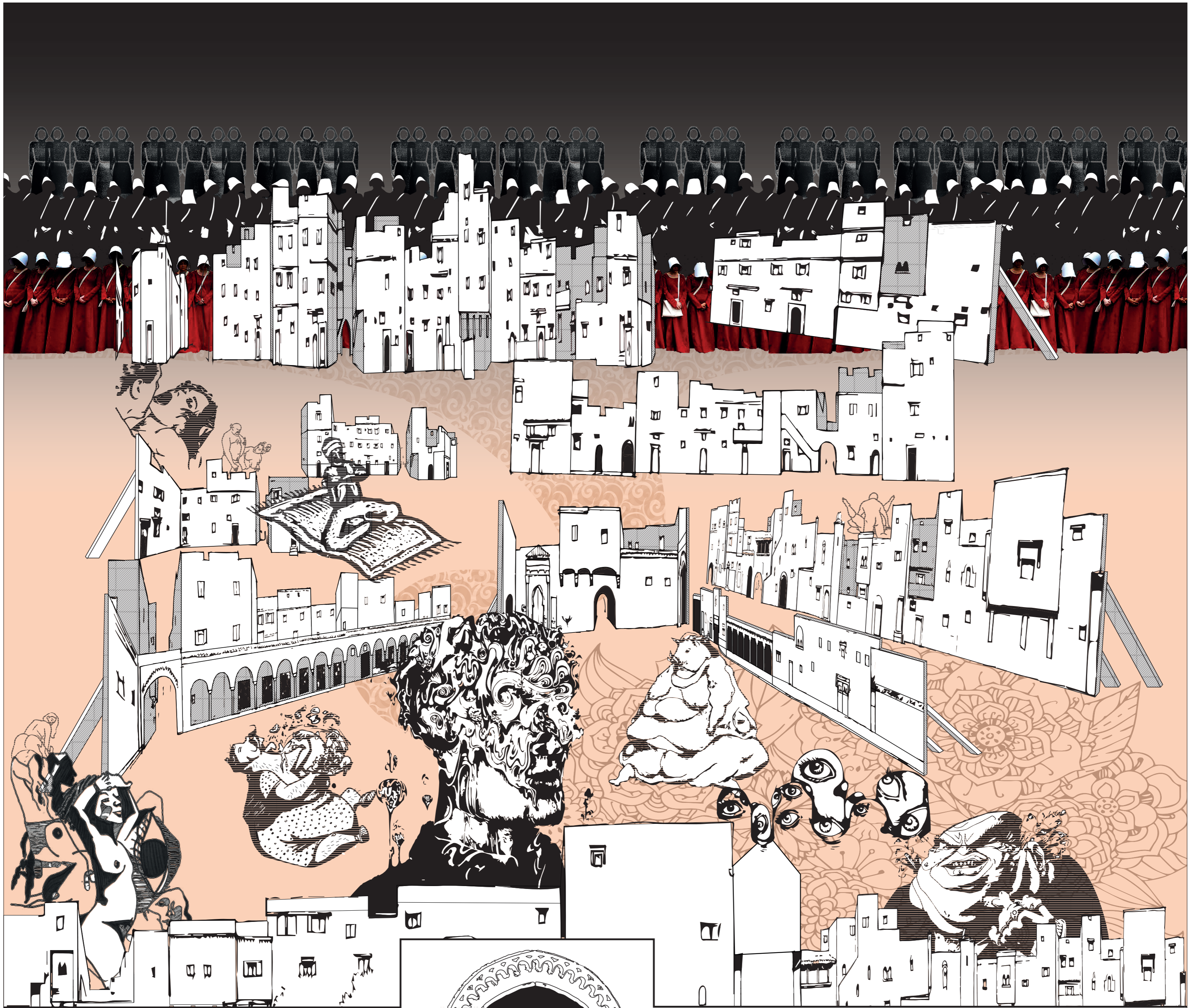
Materiality: Marble cladding (polished, reflective)



Structural diagram - Load bearing walls and slab

Type 3 Diagrams

1:2 Detail D



INTERZONE

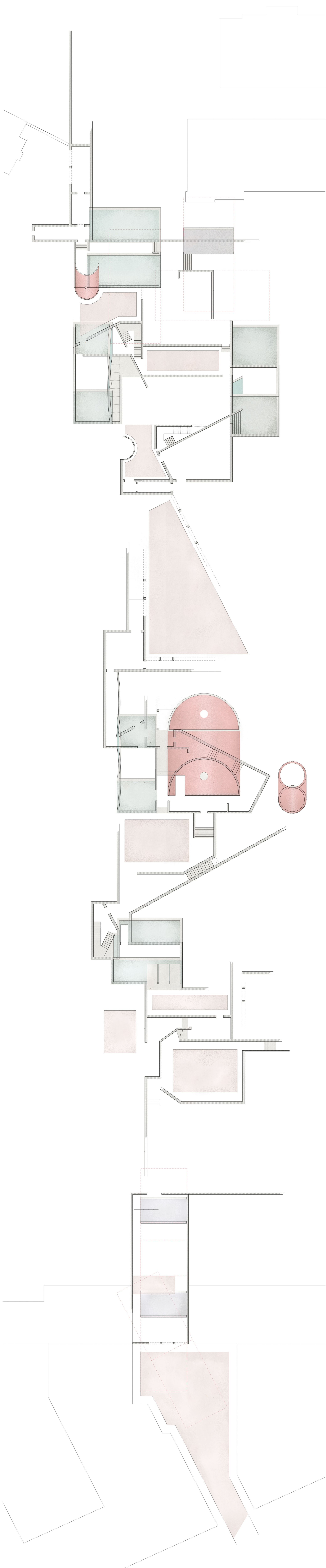
*Lehmann & W*



SOUL SCROLLS



Henry & W



- Threshold of Evanescence -

1:100 Unfolded Sequence

Rebekah Tien