

EMBRACING THE COMMUNAL
The Perseverence of the Dynamic

III

VALUE OF WHAT WAS, IS AND COULD BE
Intervention: Design Project

Of the indicated '*mark-ups*', the intervention will focus on one of them. The chosen area to be developed, is the area near the Chung Ying Street, the border wall and the Sha Tau Kok pier. The border wall, albeit rather modest, is still used as a checkpoint for inhabitants on one hand and as a means to commemorate on the other.





A Intervention Site
1:15000

**B** Checkpoint at the Border Wall

Photograph courtesy of Sylvia Chang



C Commemoration of the Partition

Photograph courtesy of Fan Liya



D Chung Ying Street, Past and Present

Photograph courtesy of Carmen Chan

The Chung Ying Street is witness to the rise and fall of the prosperity of the village and is still an important face of the village.

99

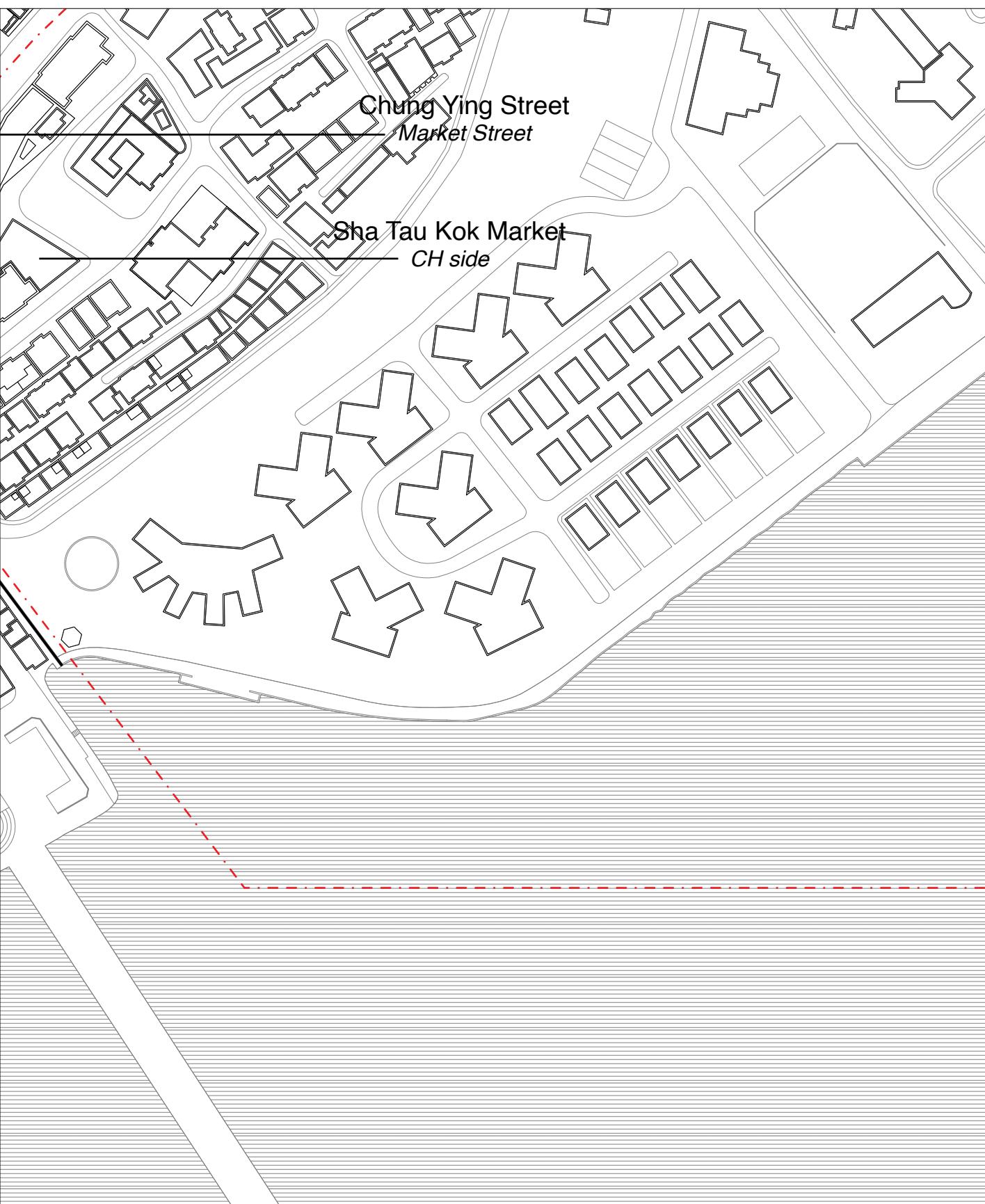
The pier holds the connection to the community on surrounding islands, as part of the 10 alliances. Currently the area is visibly divided through the border, yet most inhabitants can move freely through it.



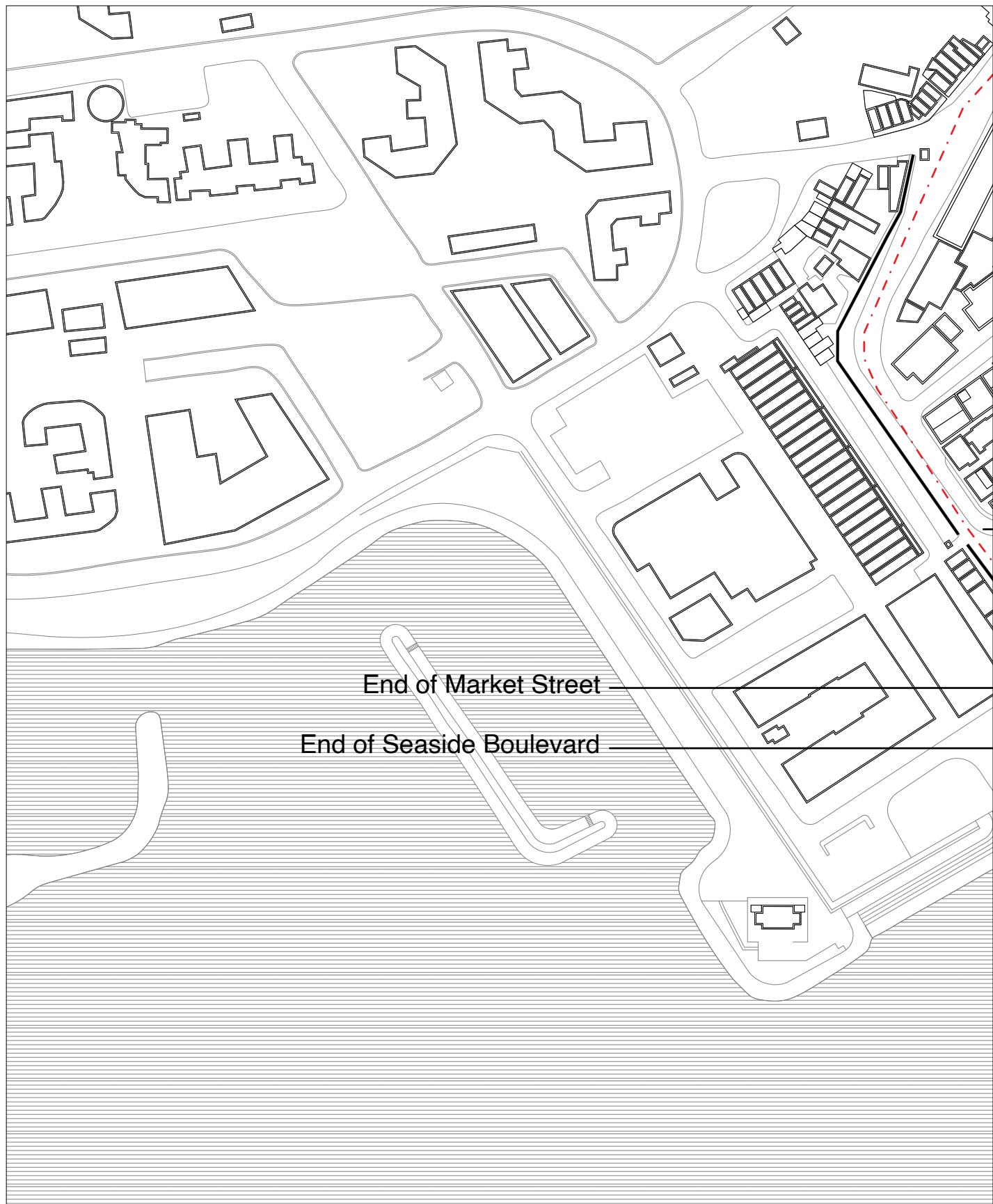
E The Pier of Sha Tau Kok

Photograph courtesy of Grace



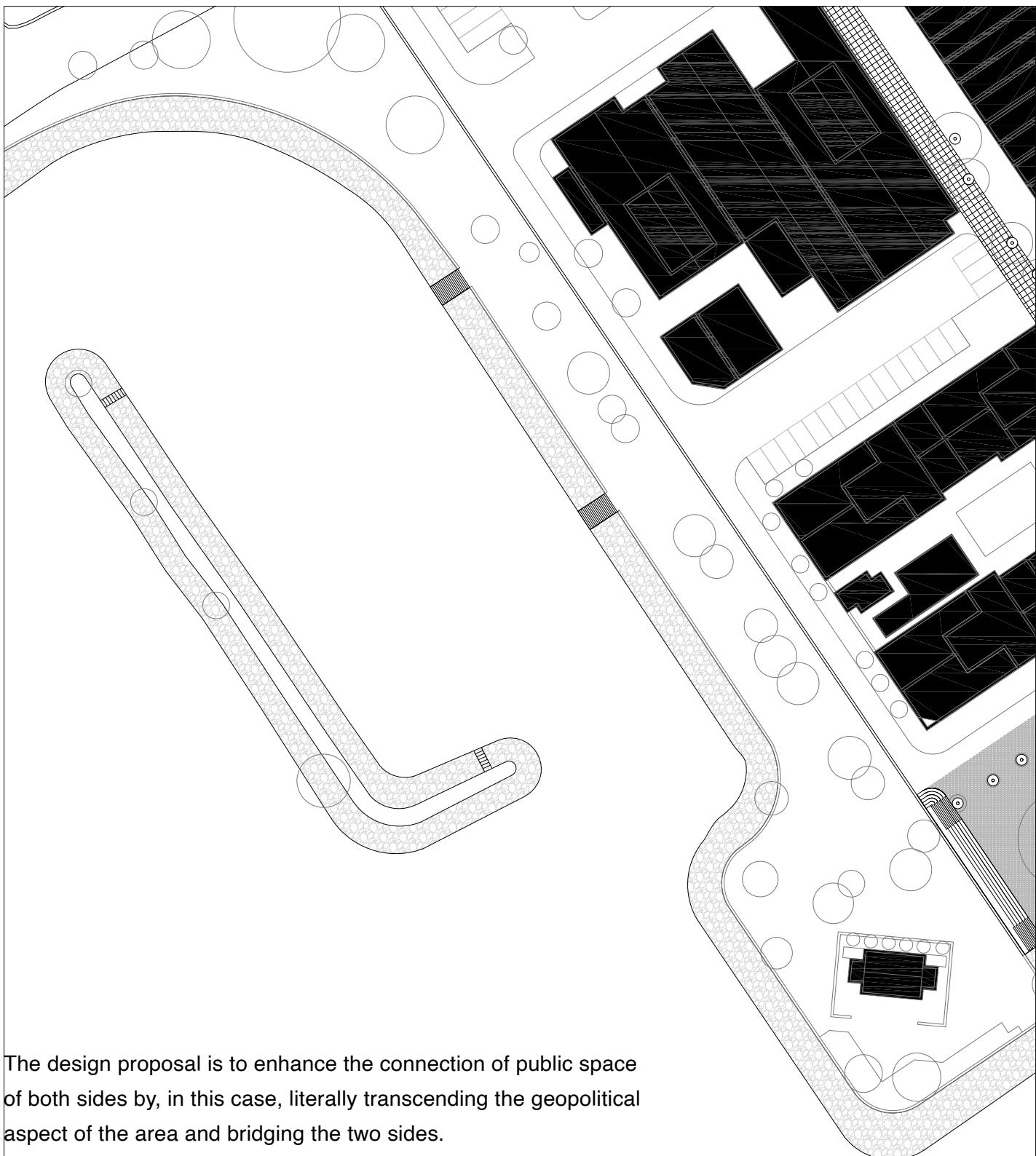


F Inventory of the Existing
1:2000



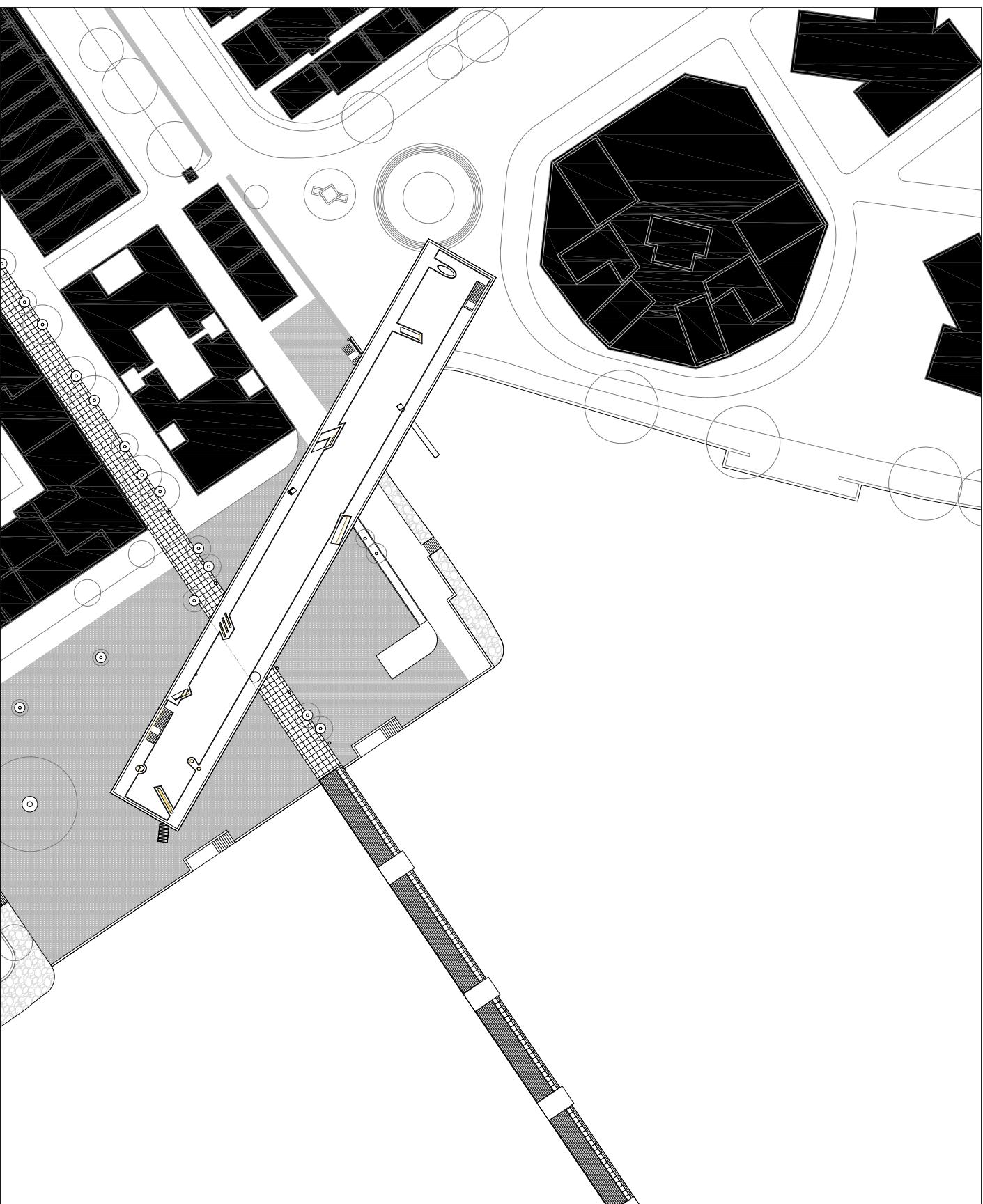


F Inventory of the Existing
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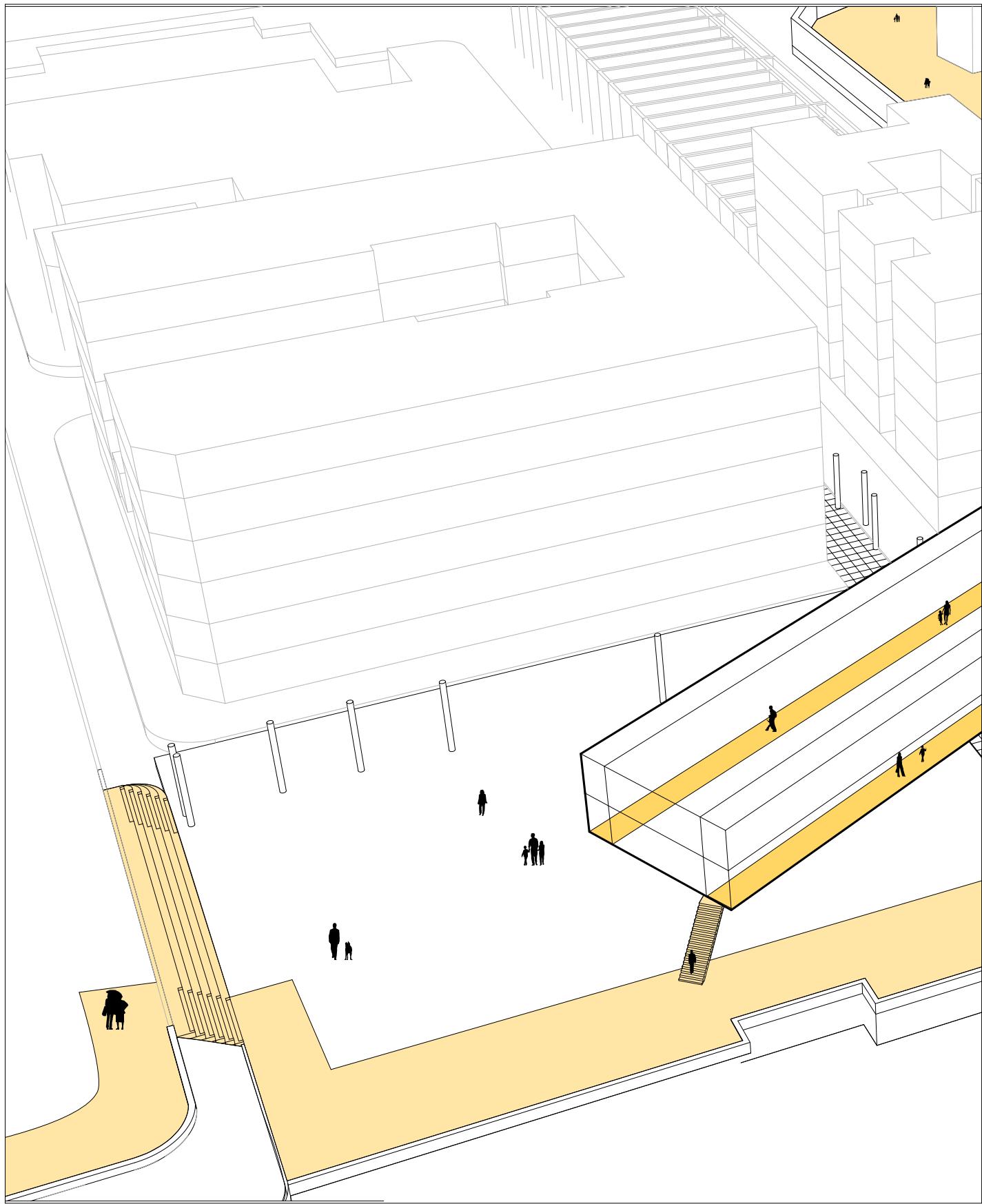


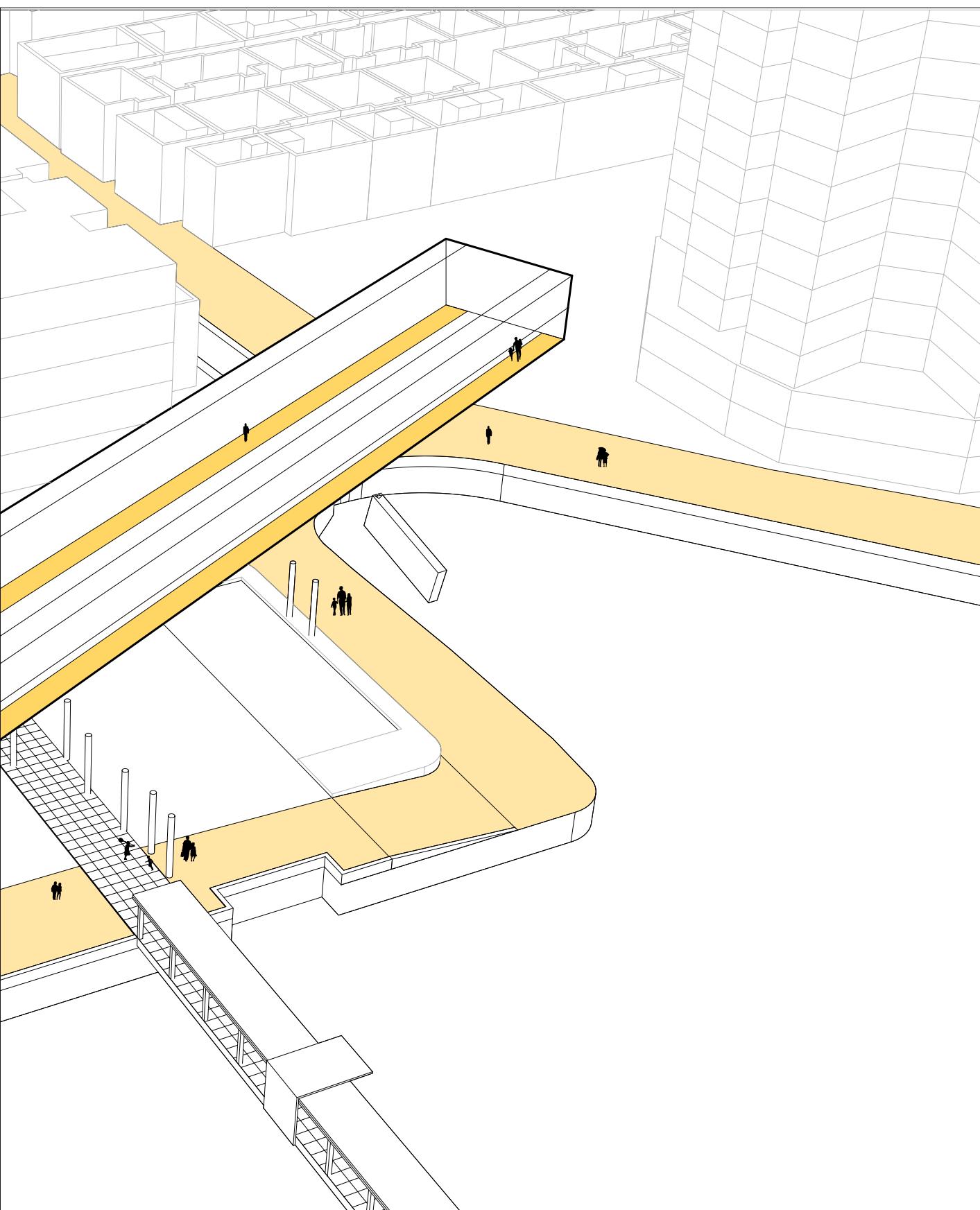
The design proposal is to enhance the connection of public space of both sides by, in this case, literally transcending the geopolitical aspect of the area and bridging the two sides.

To engage the border wall from an angle, the building is slightly rotated, creating a vastly different conversation between the existing buildings and the intervention. The motive is to look not for friction or provocation, but rather to think of a way for two to become one again and in a way to enhance the public space, rather than divide.



G Building Positioning
1:1000

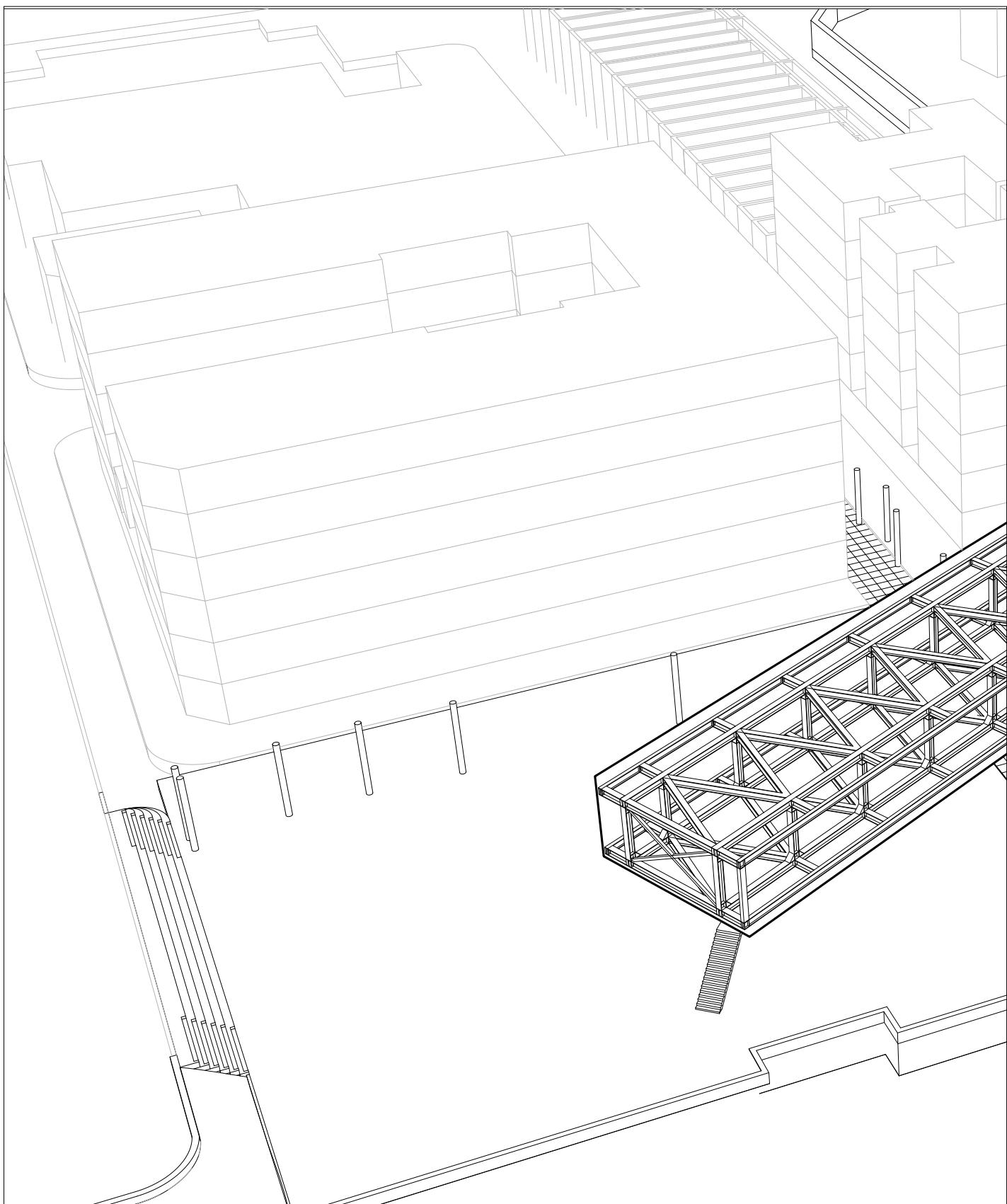




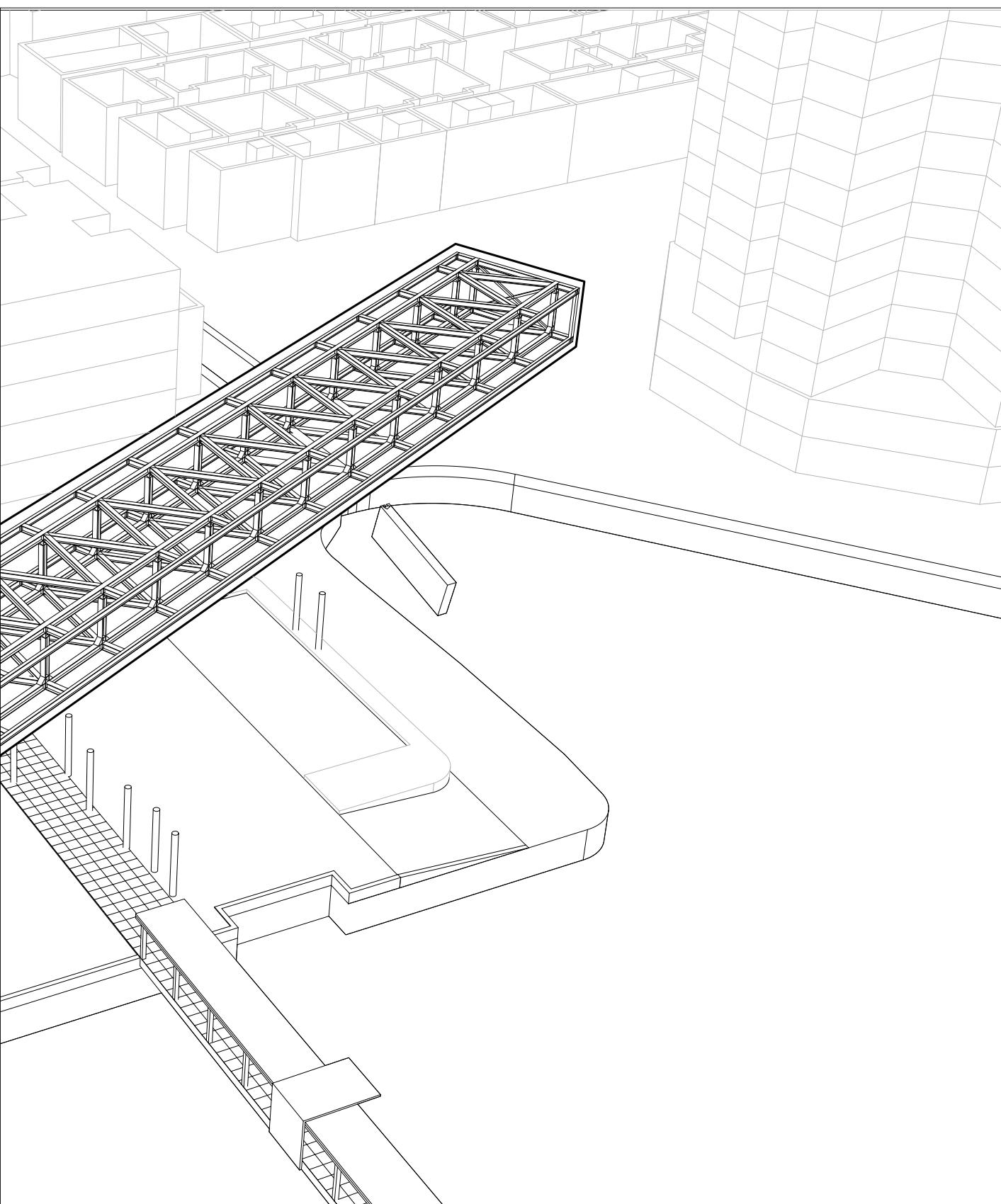
H Route Extension

Diagram

FRAMEWORK

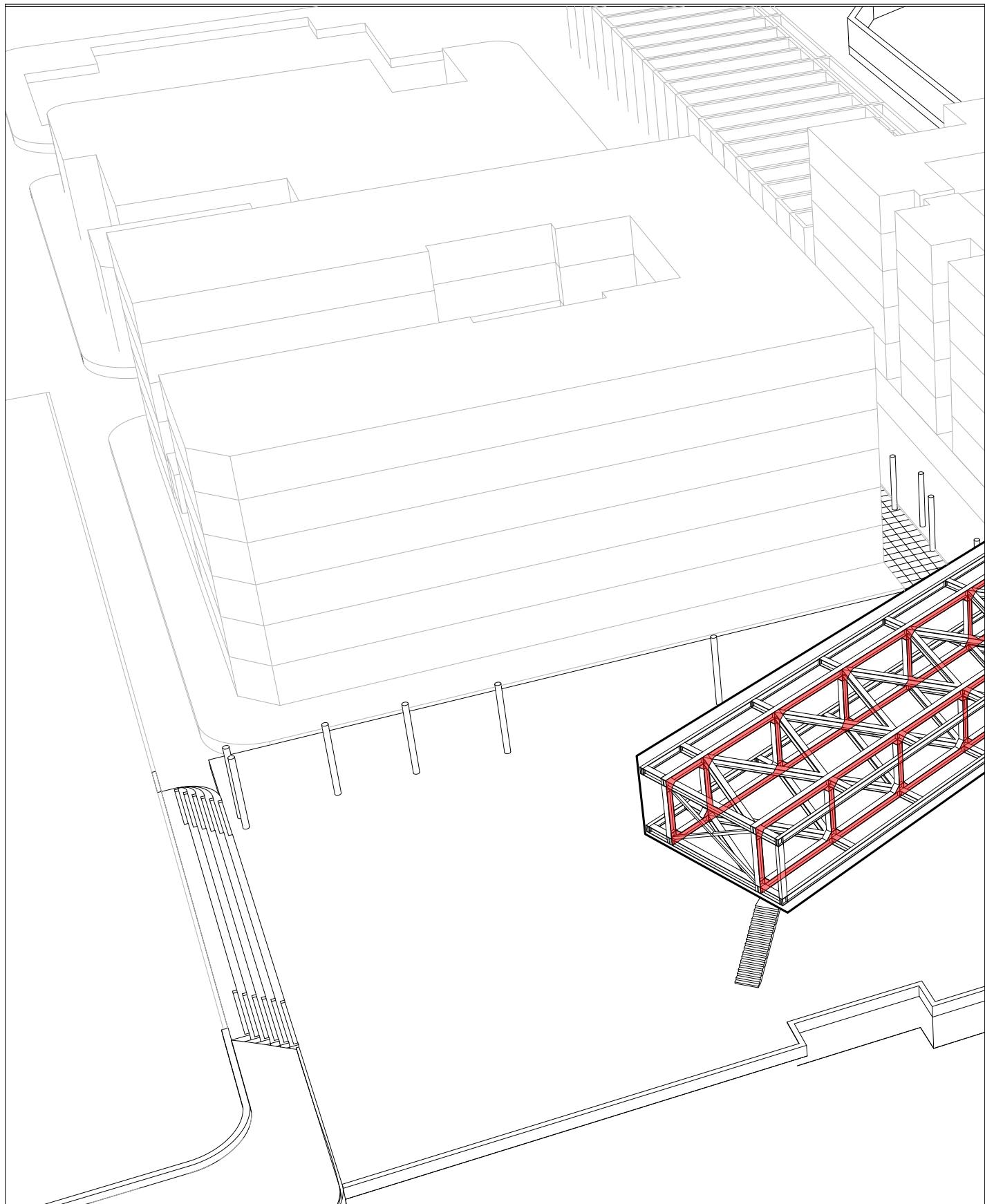


The structure is made of steel beams connected to form a stiff, rectangular structure, able to span large distances. This allows the building to lightly tread the land, instead of resting on a large footprint.

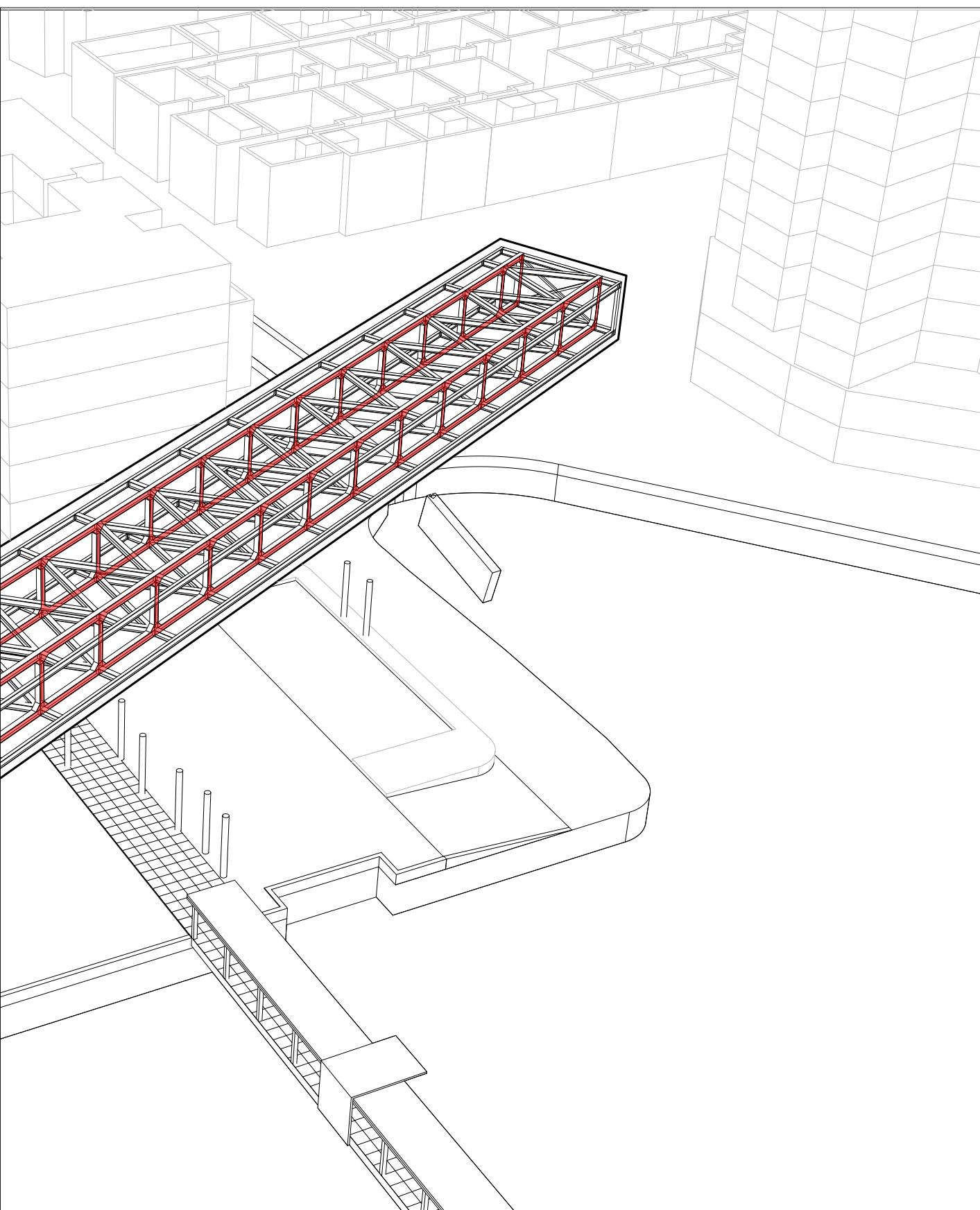


Structure; Build-up

Diagram

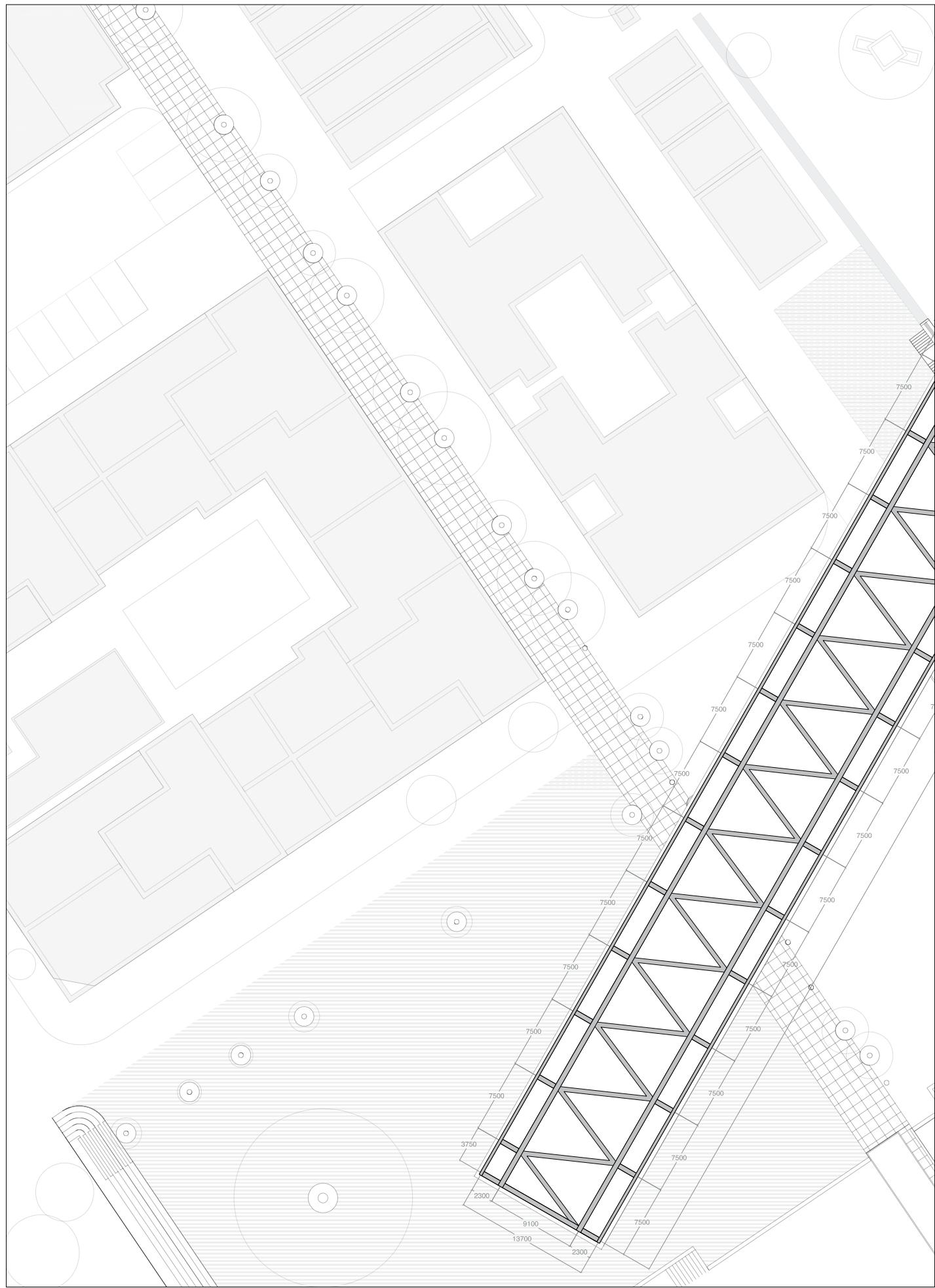


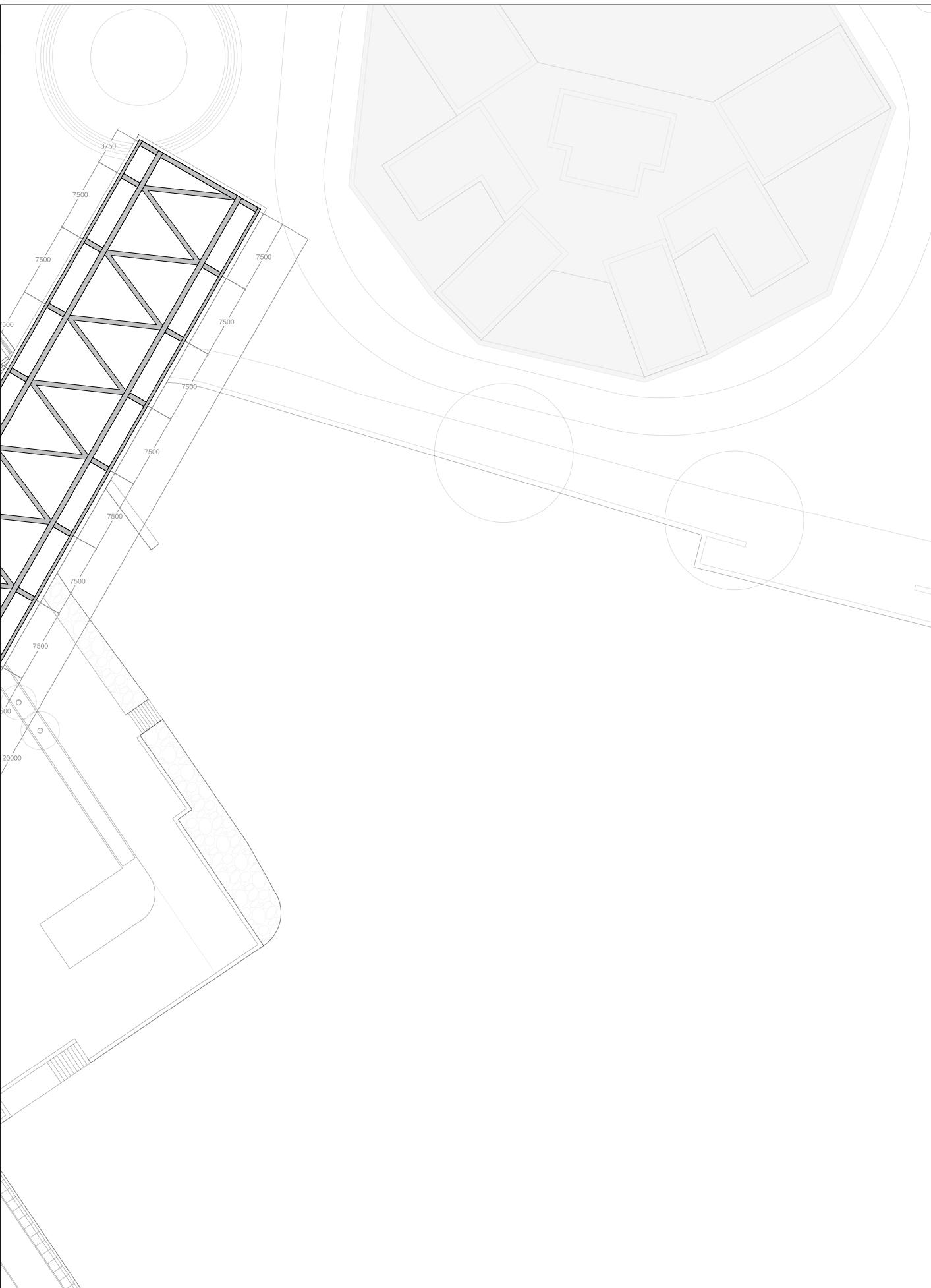
Characterizing this, are the two Vierendeel Trusses, that allow for larger openings without structure in between.

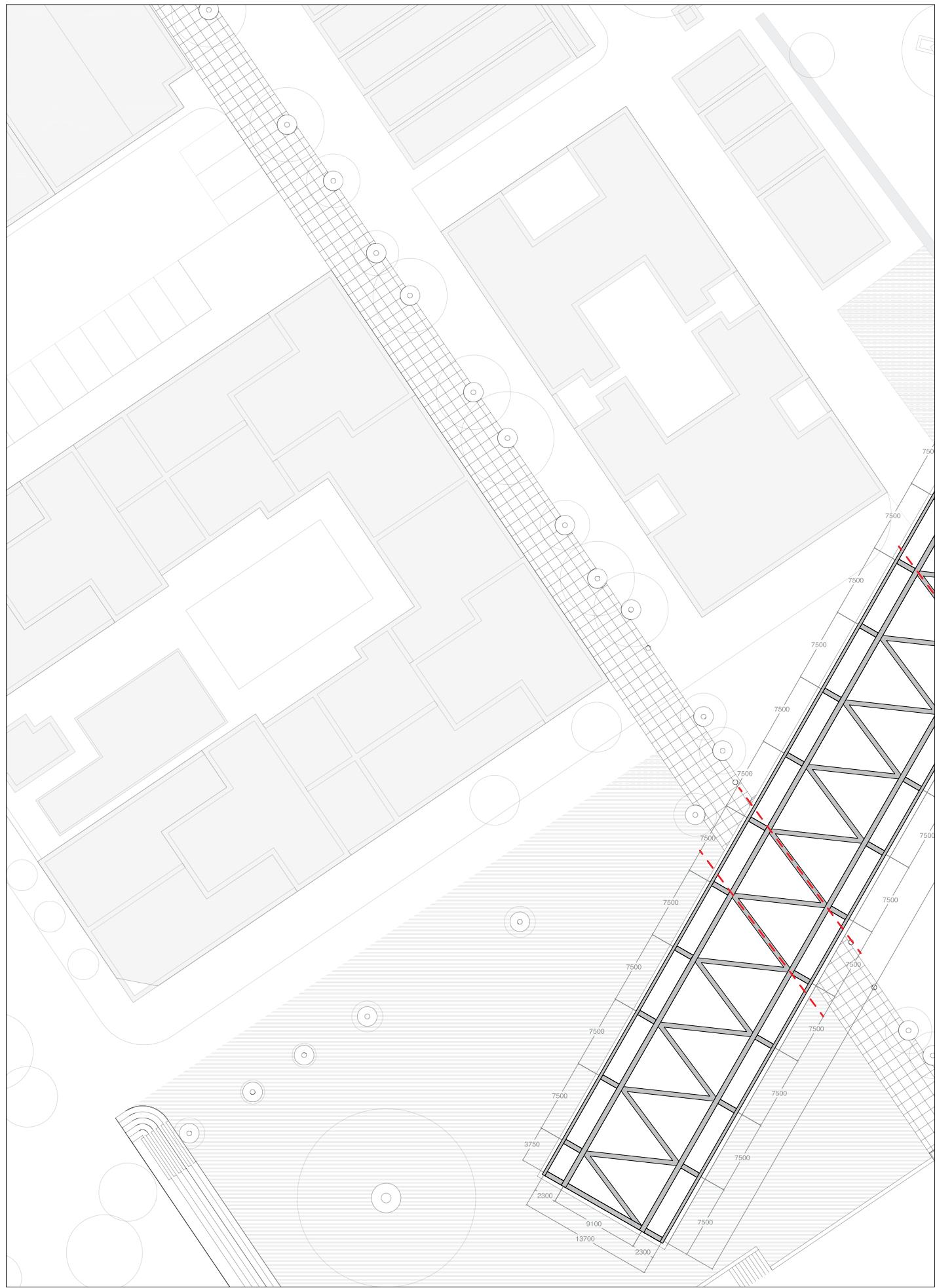


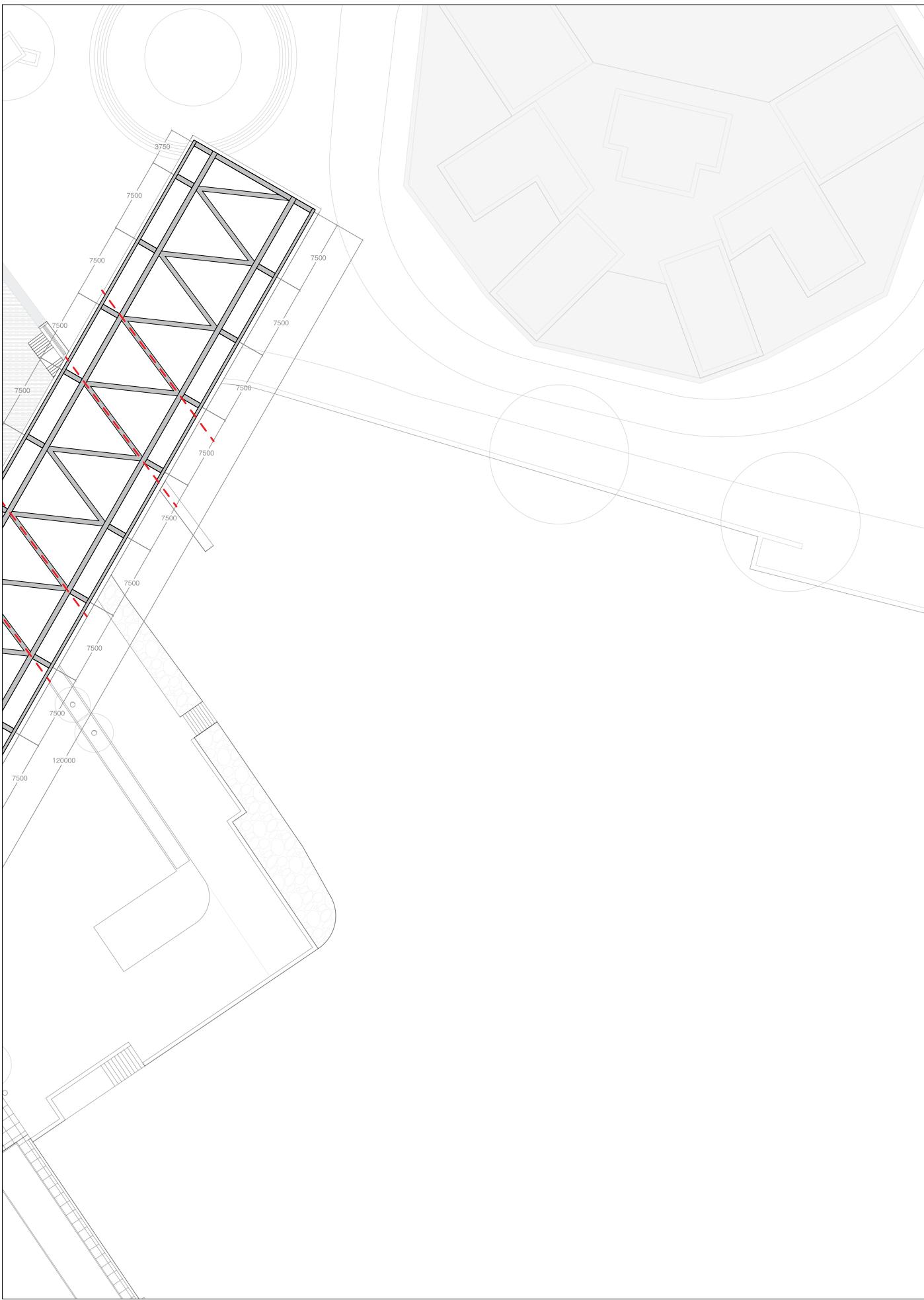
J Structure; Vierendeel Trusses

Diagram

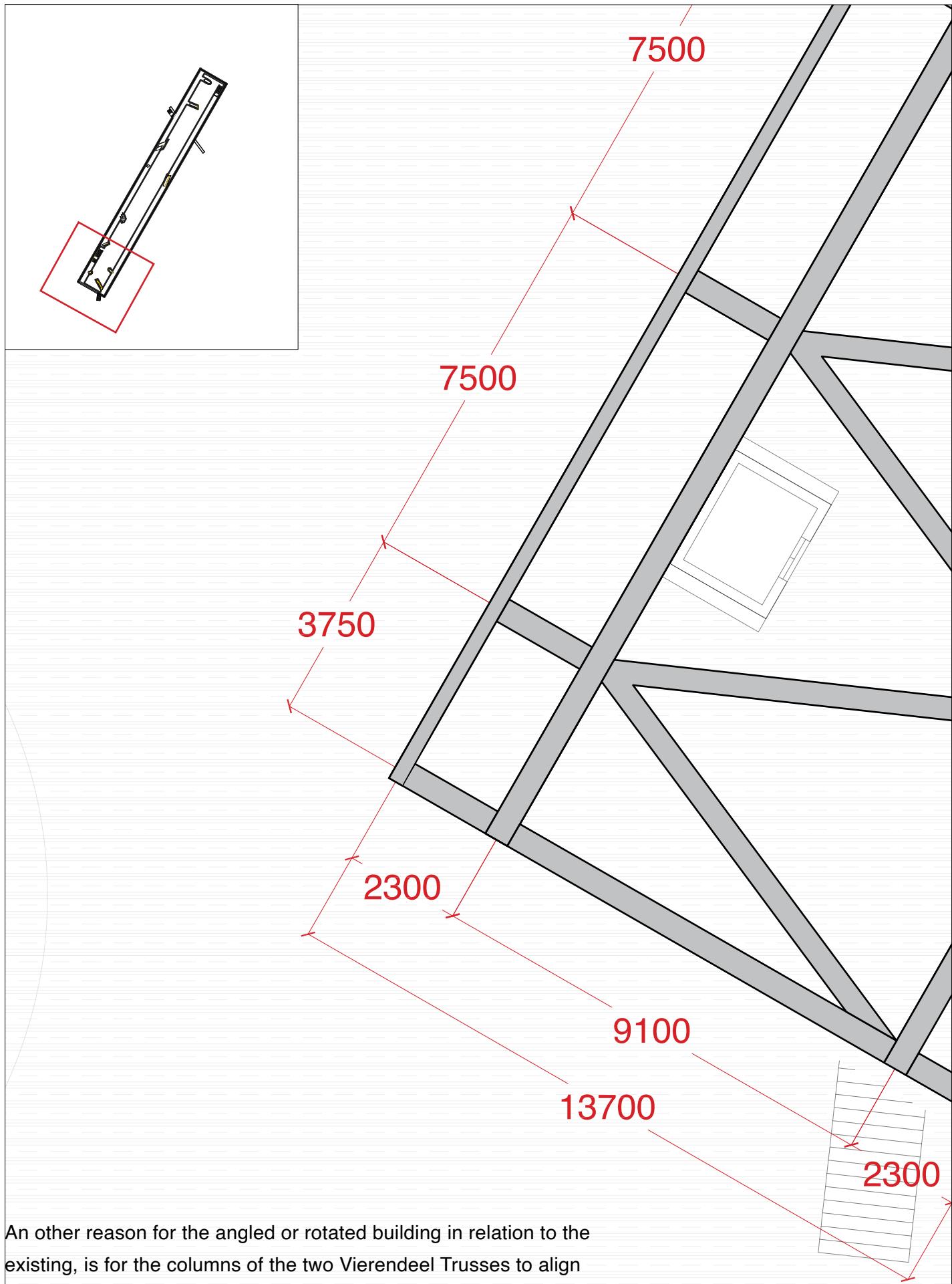






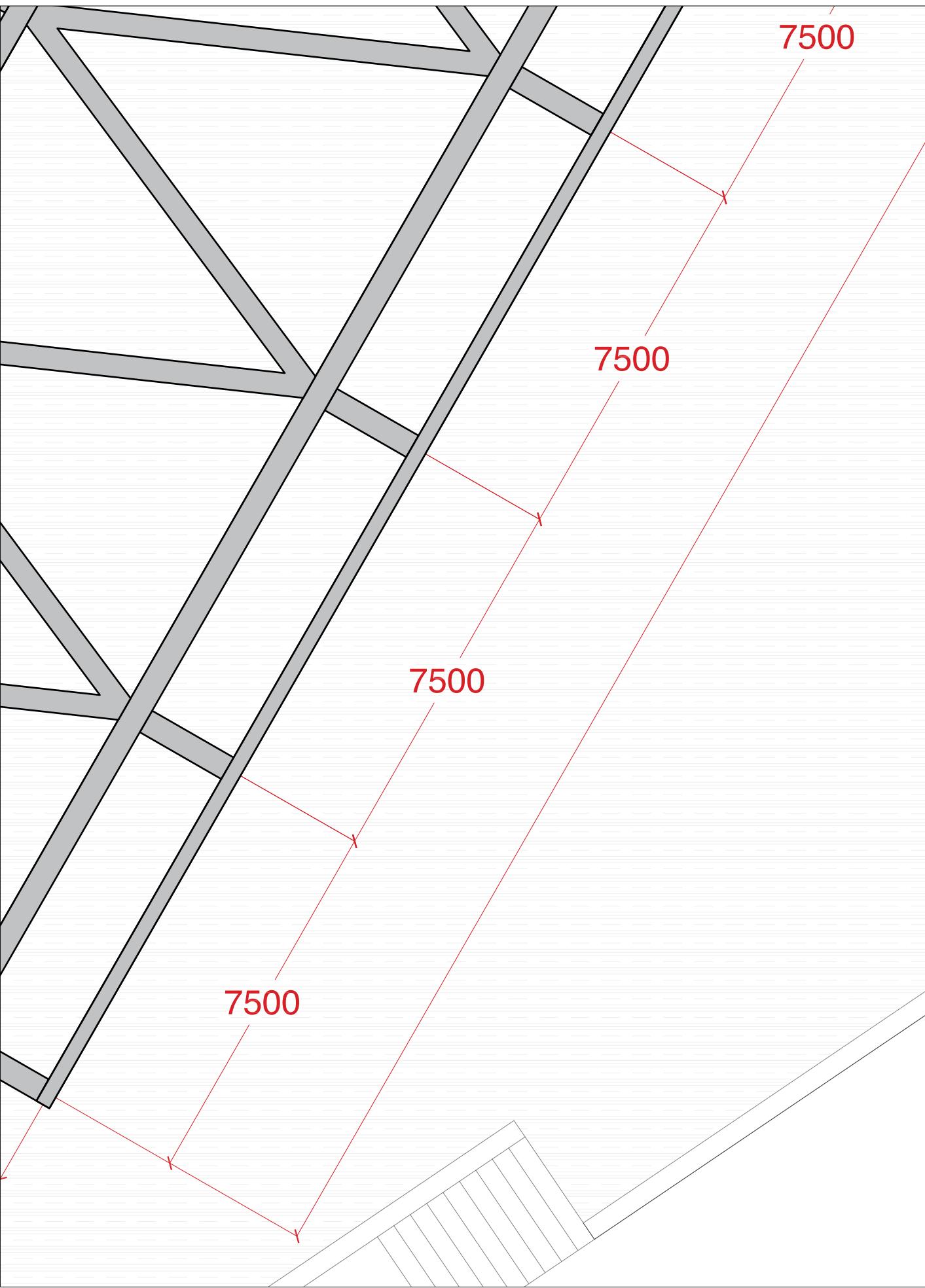


Structure Position
1:500

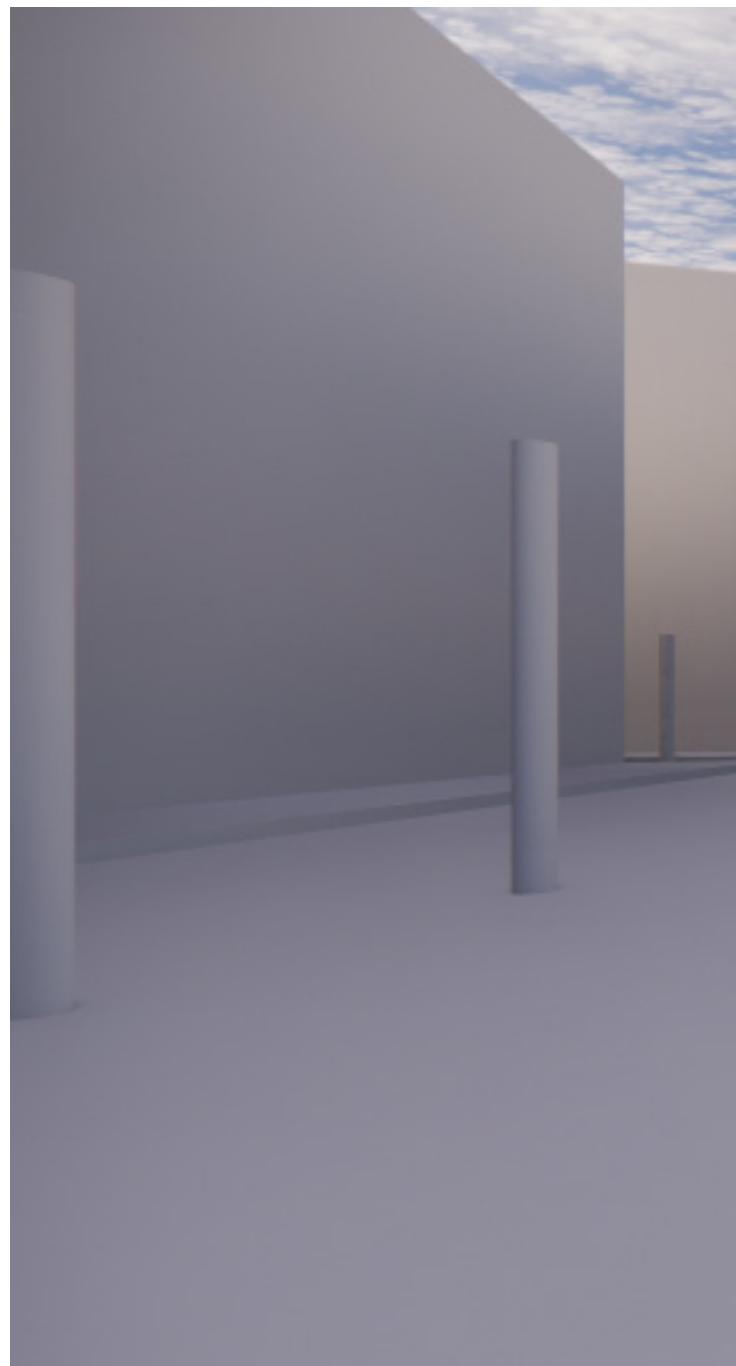


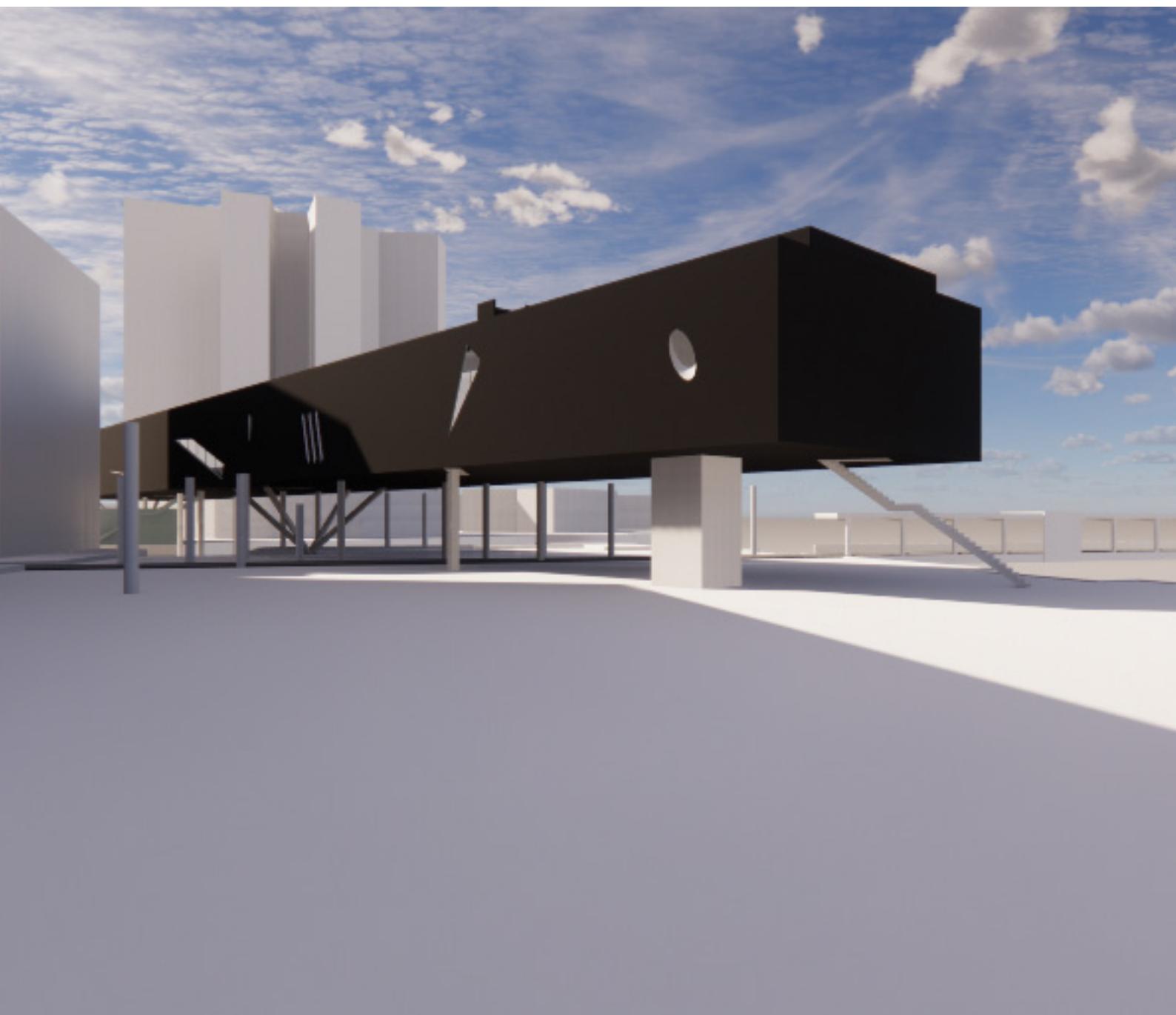
An other reason for the angled or rotated building in relation to the existing, is for the columns of the two Vierendeel Trusses to align with the language of the axis of the market streets.

The origin of the grid is based on the border wall and arrayed from there in steps of 7500 mm.



M Structure Array
1:500





LAYOUT

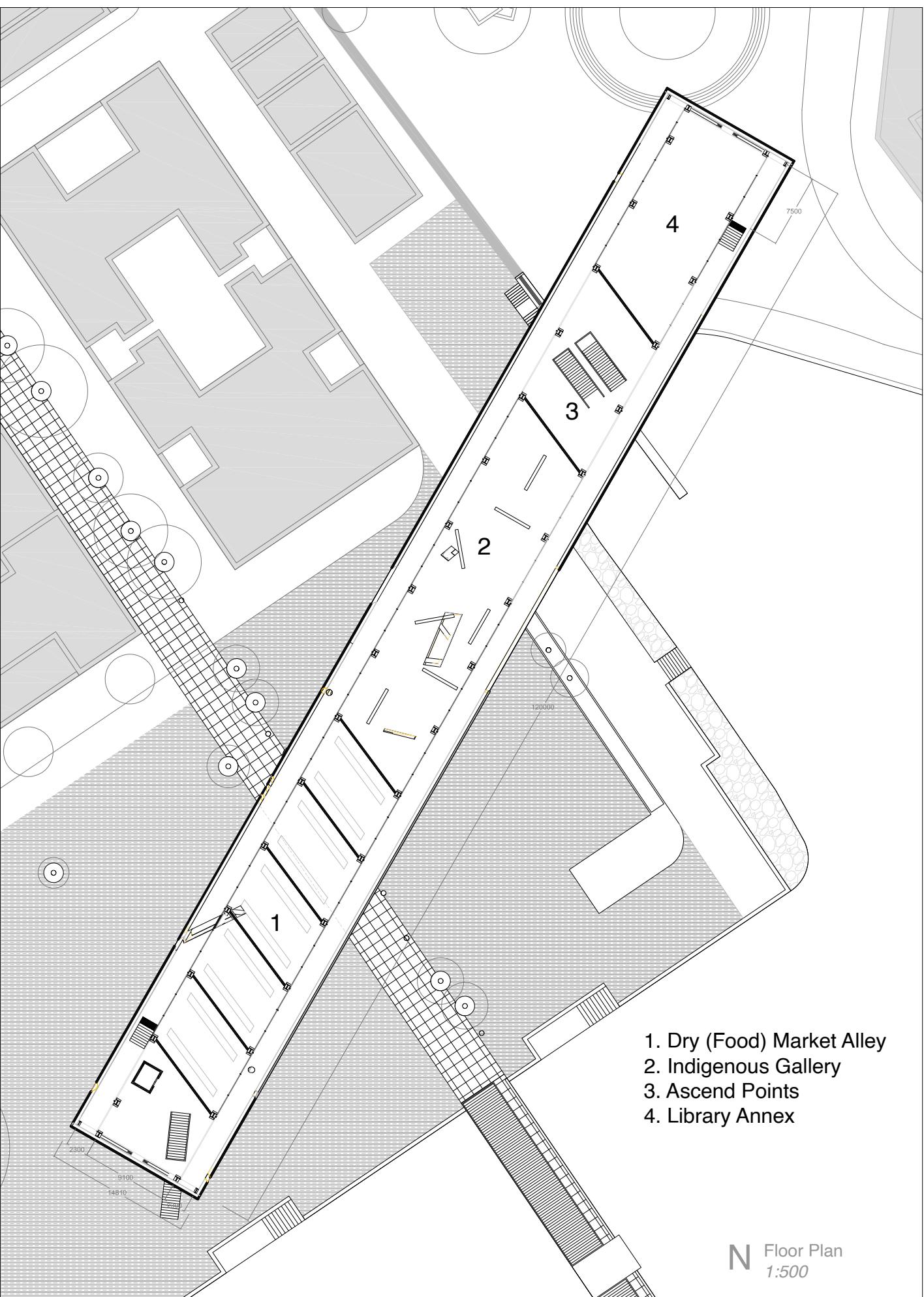
In the centre grid of the building, the spaces are used as a means to tell the narrative of the indigenous. The dry food market is an extension of the existing market streets and potential open market on the square below. The layout is based on the same narrow streets with vending on both sides.

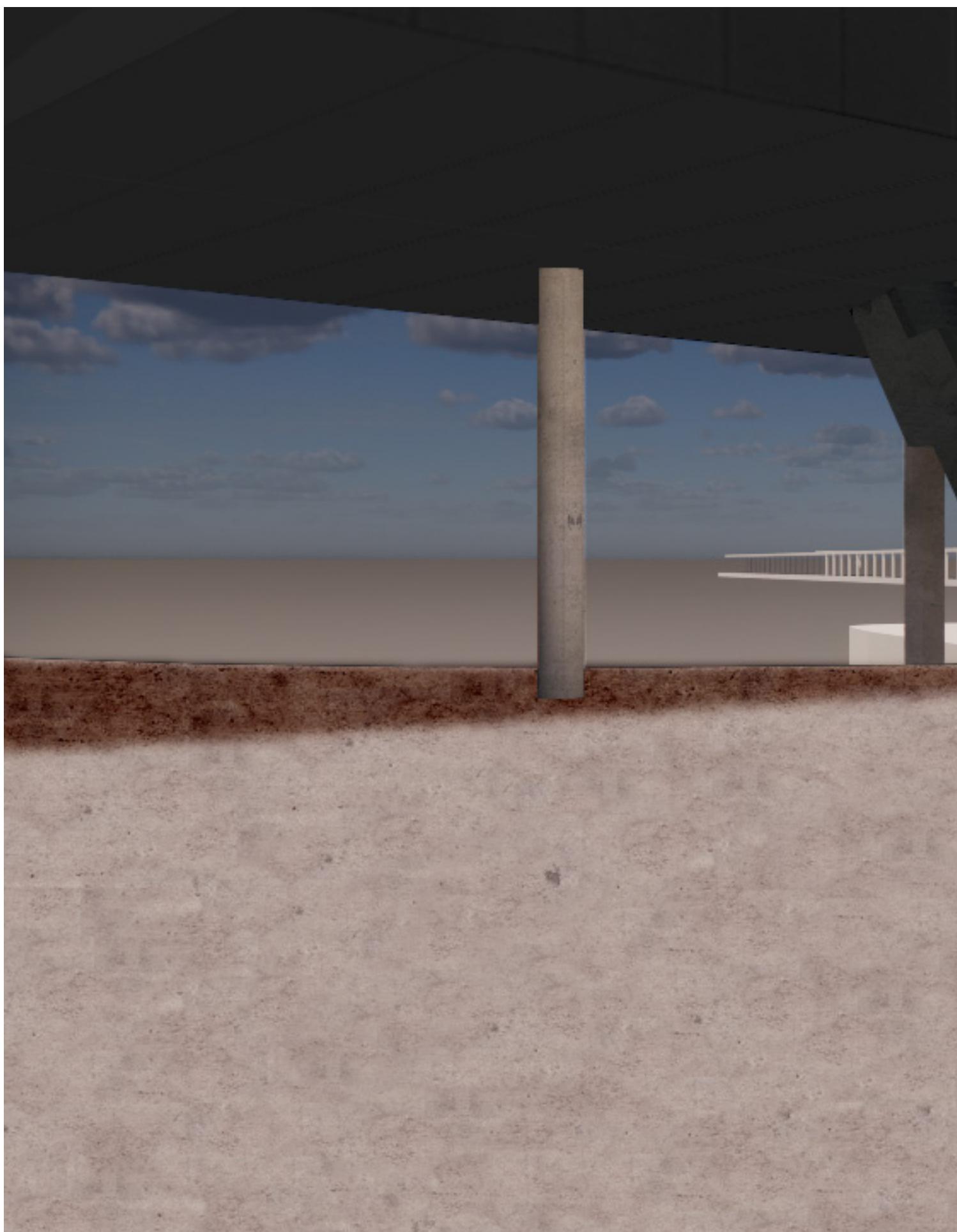
Then there is a gallery space, meant to create the awareness for the narrative of the village, as more people unbeknown of the history beneath. The library annex is a means for an exchange of knowledge, especially in its current form, where not everything is able or meant to be shared.

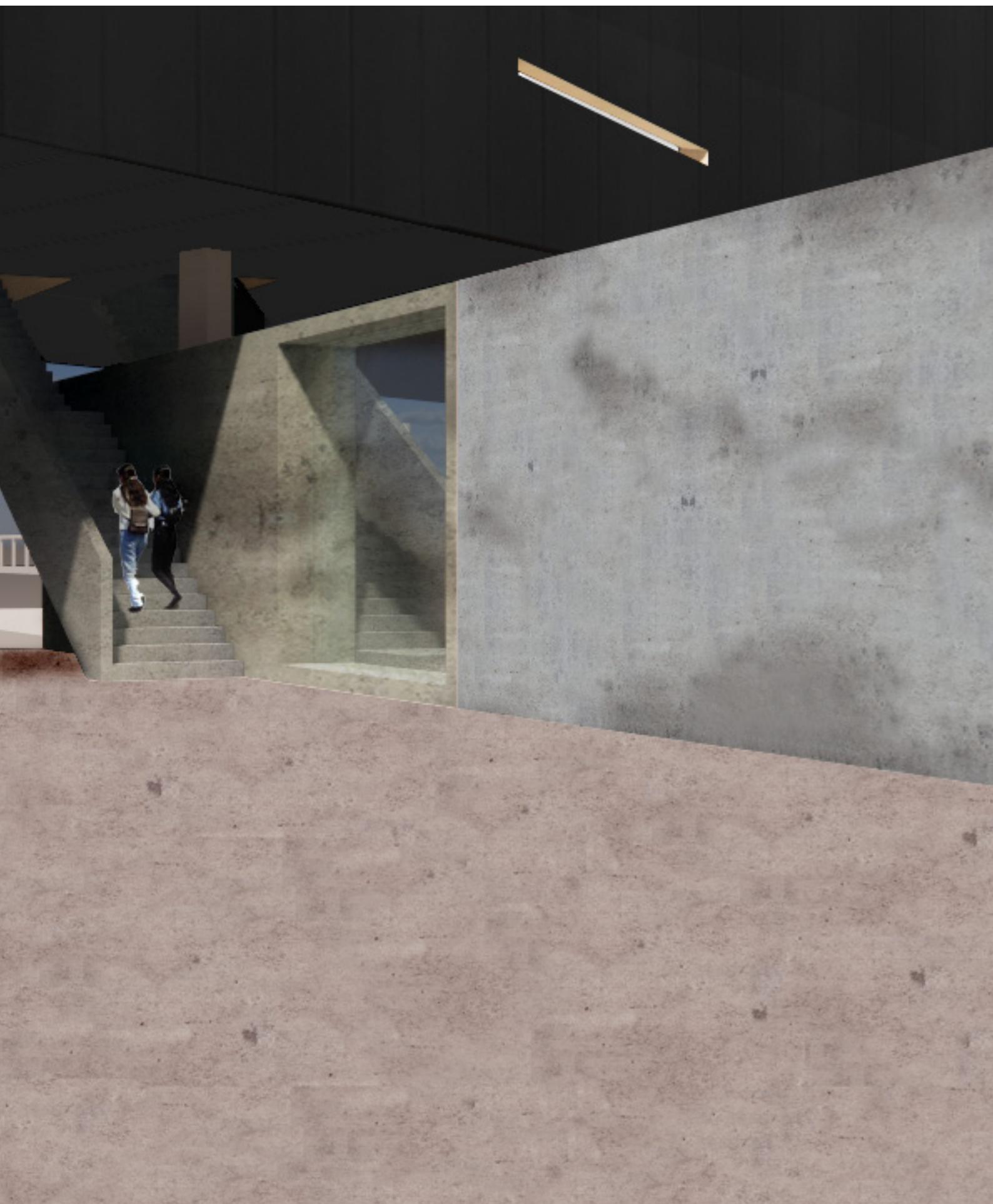
Entrances play a major role in the perception of the building. Large stairs form the entrance to the building from the public realm. This means the building itself is to be seen as part of a larger connective public network. Near the entrance is then the connection to the roof. Likewise for the entrance attached to the border wall, where one meets or crosses each other in the building, bypassing the obstructiveness of the wall.

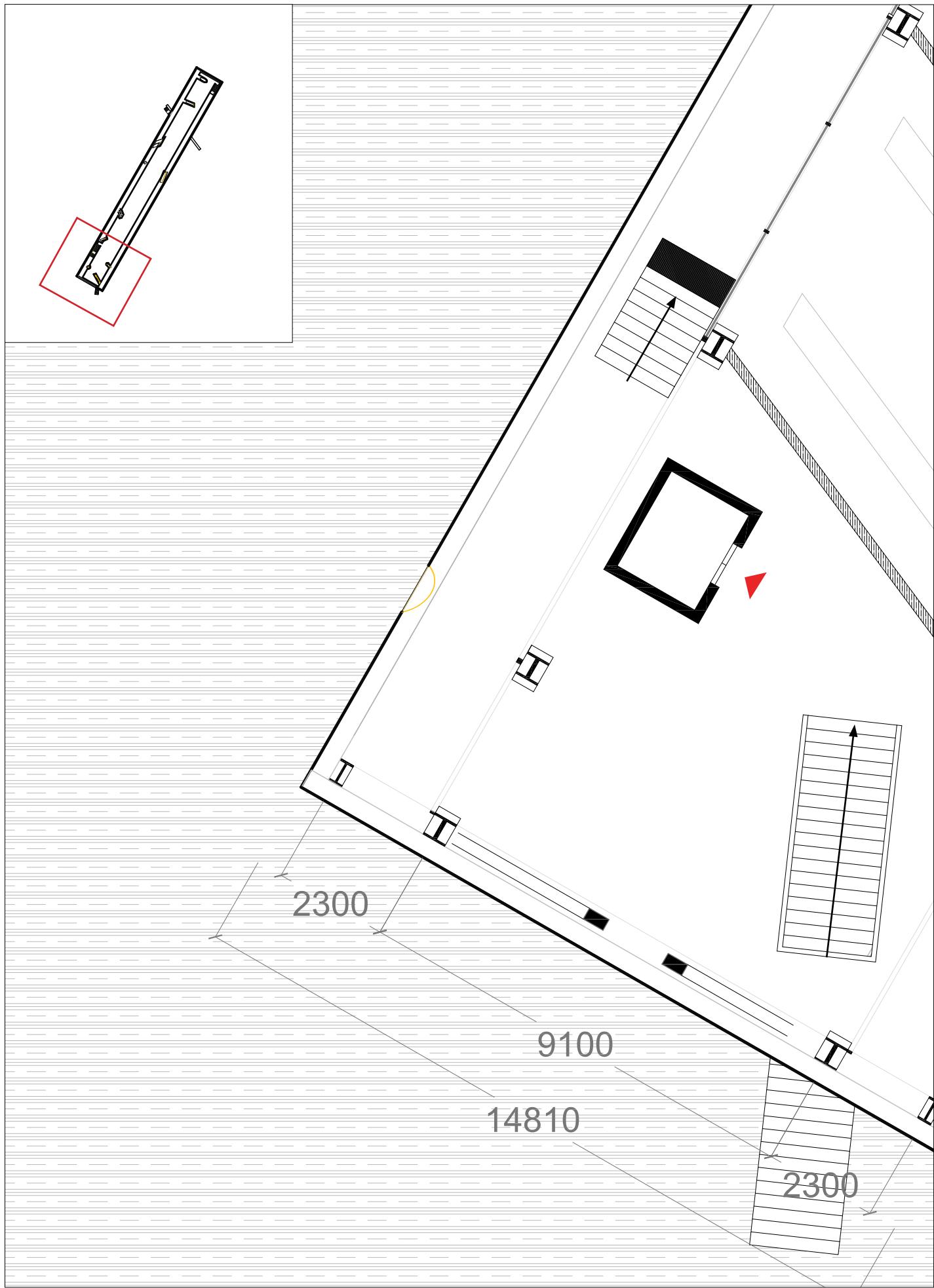
The roof itself offers a large pedestrian lane and becomes part of the landscape. The openings in the roof allow the pedestrian to see through the building, in the correct angle, as if, the building is not there. Likewise, from the right perspective, as if there was no obstruction from the border.

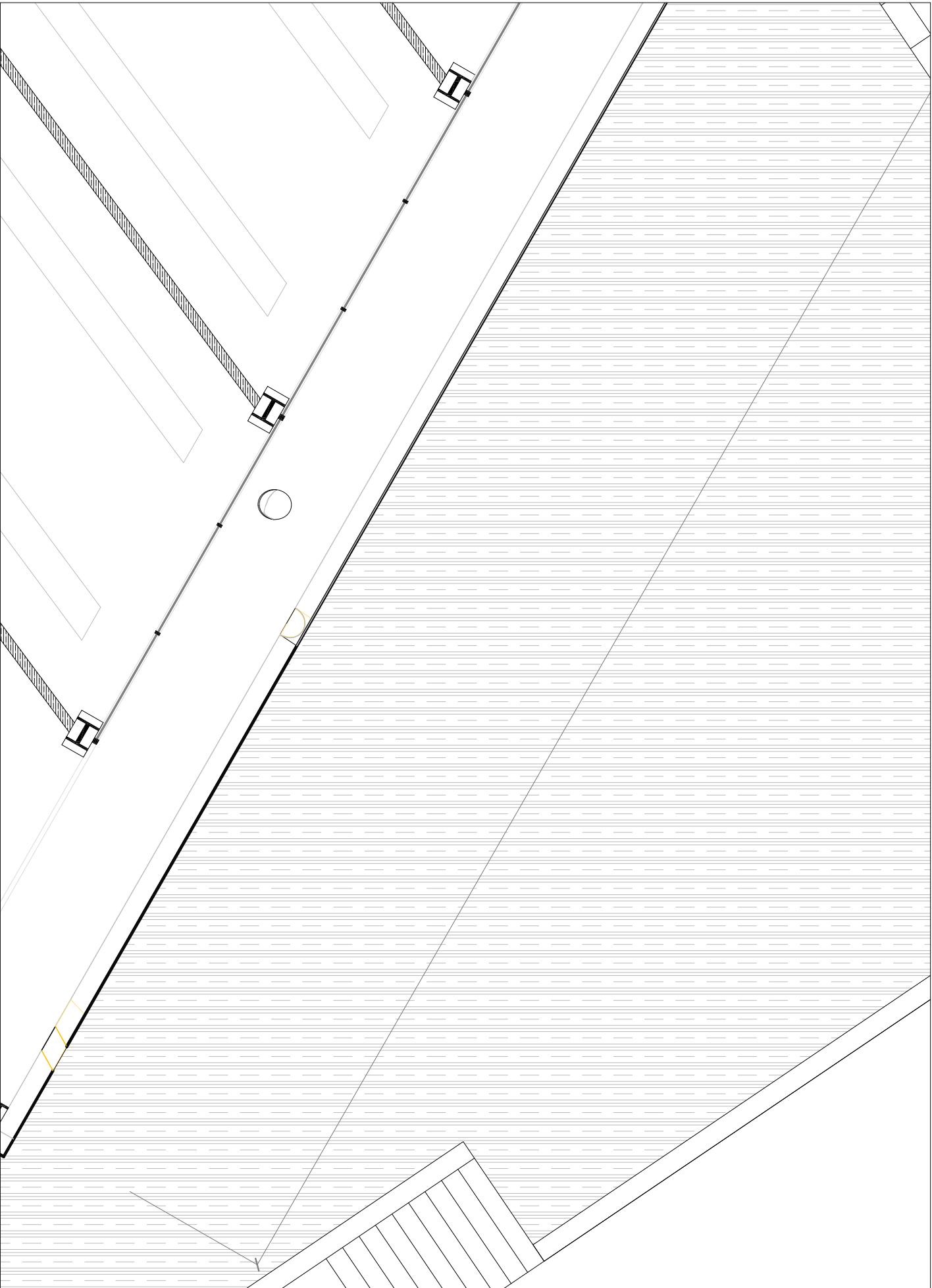


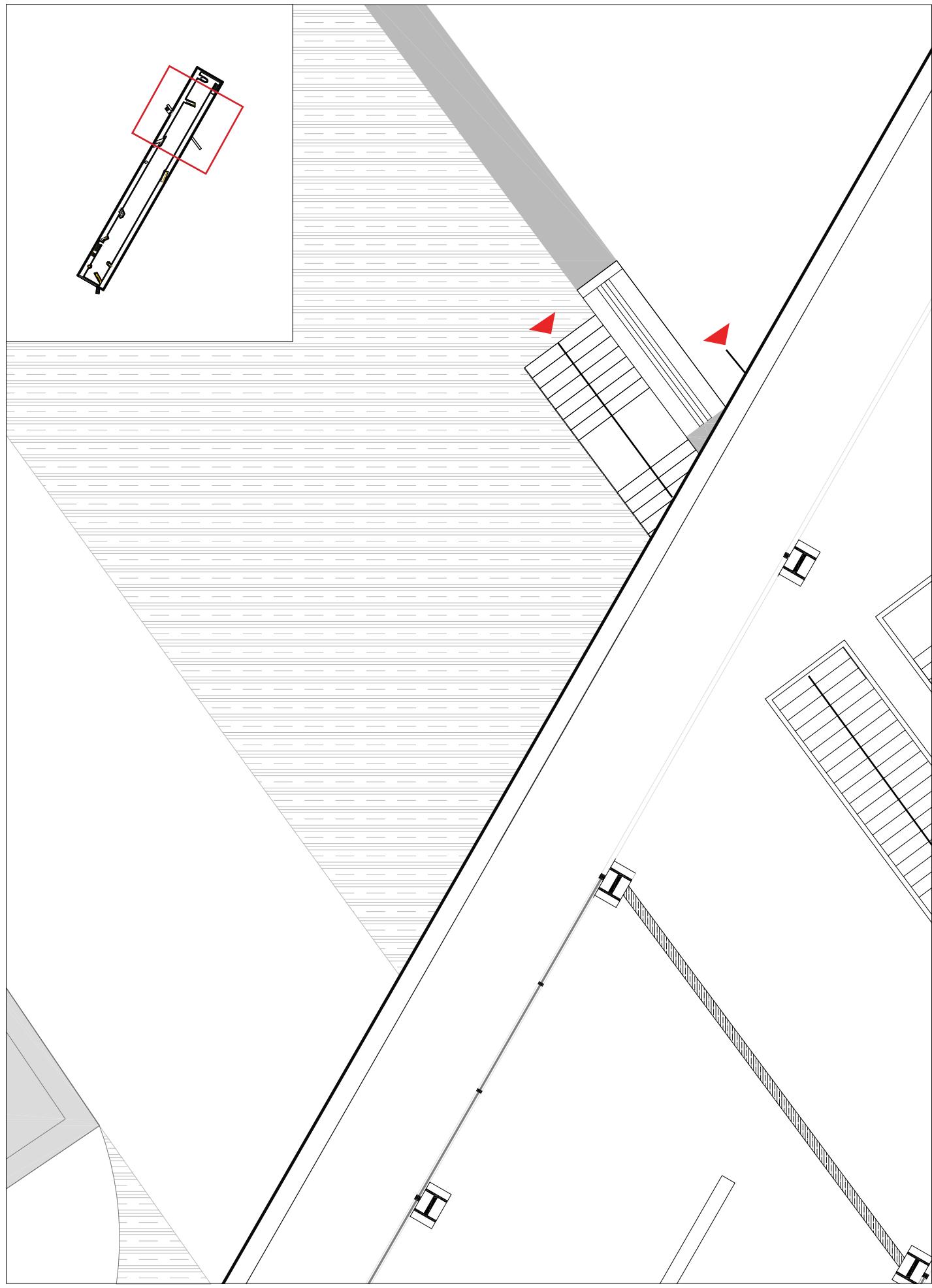


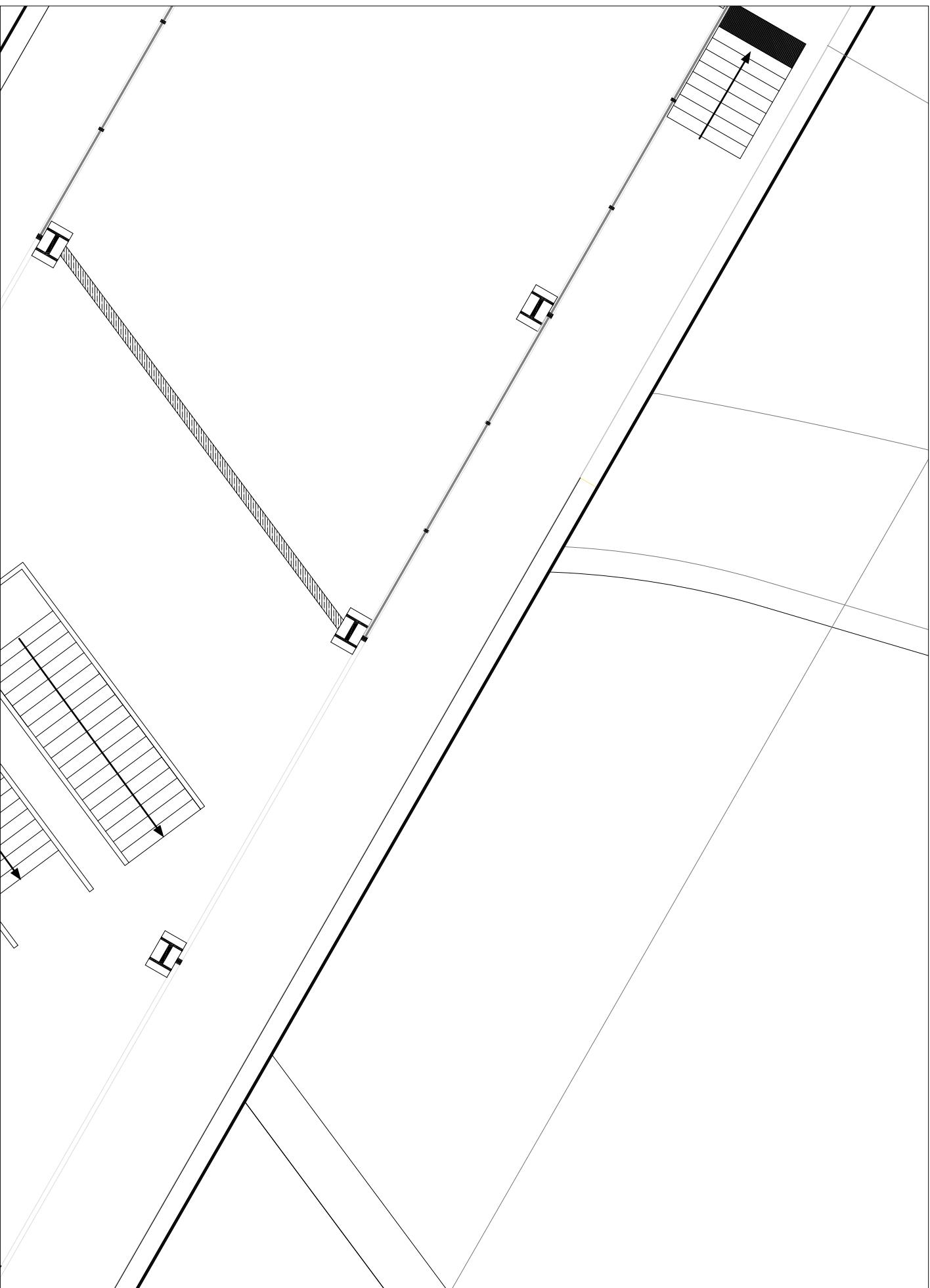






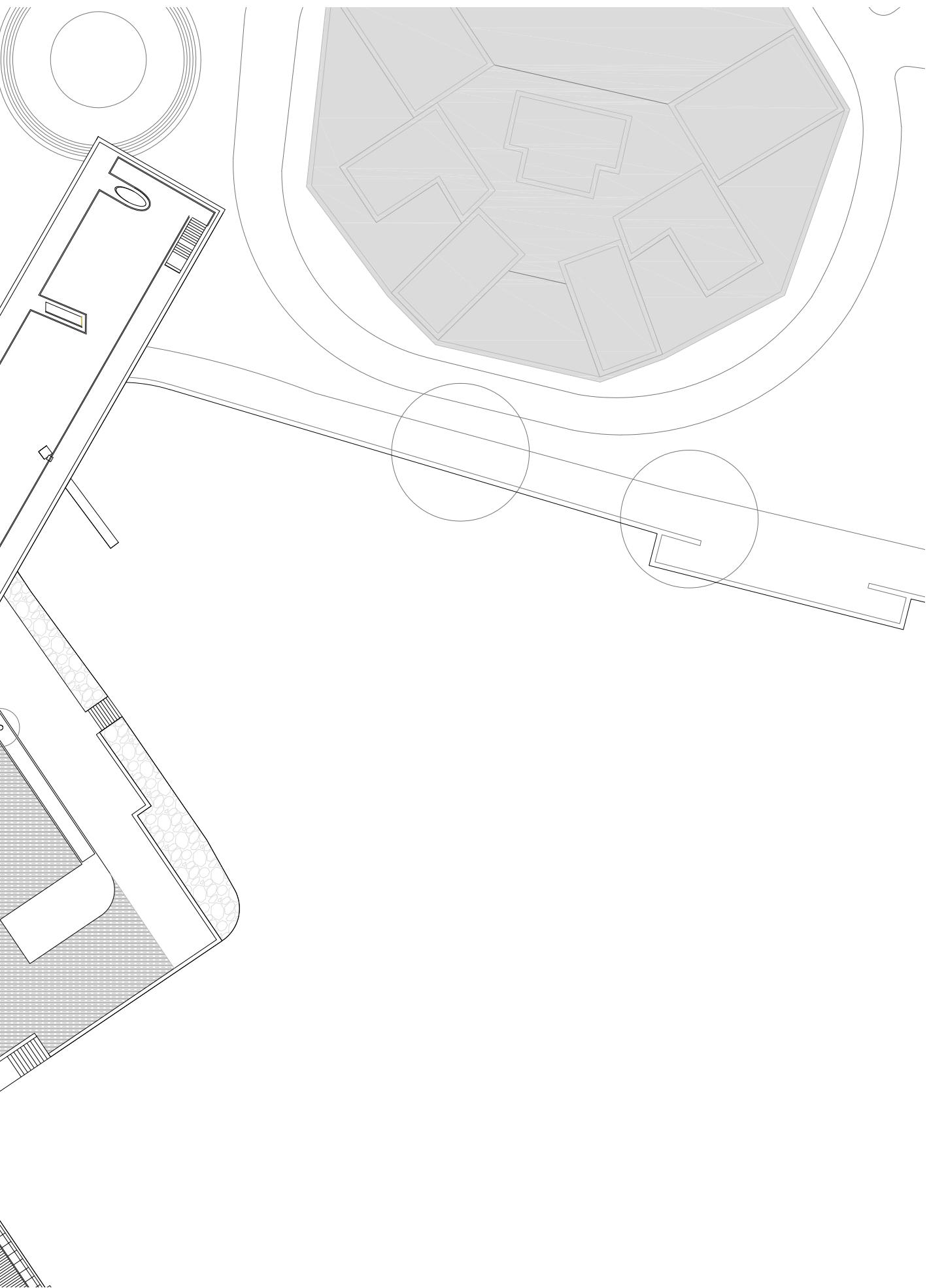
 Entrance HK
1:100



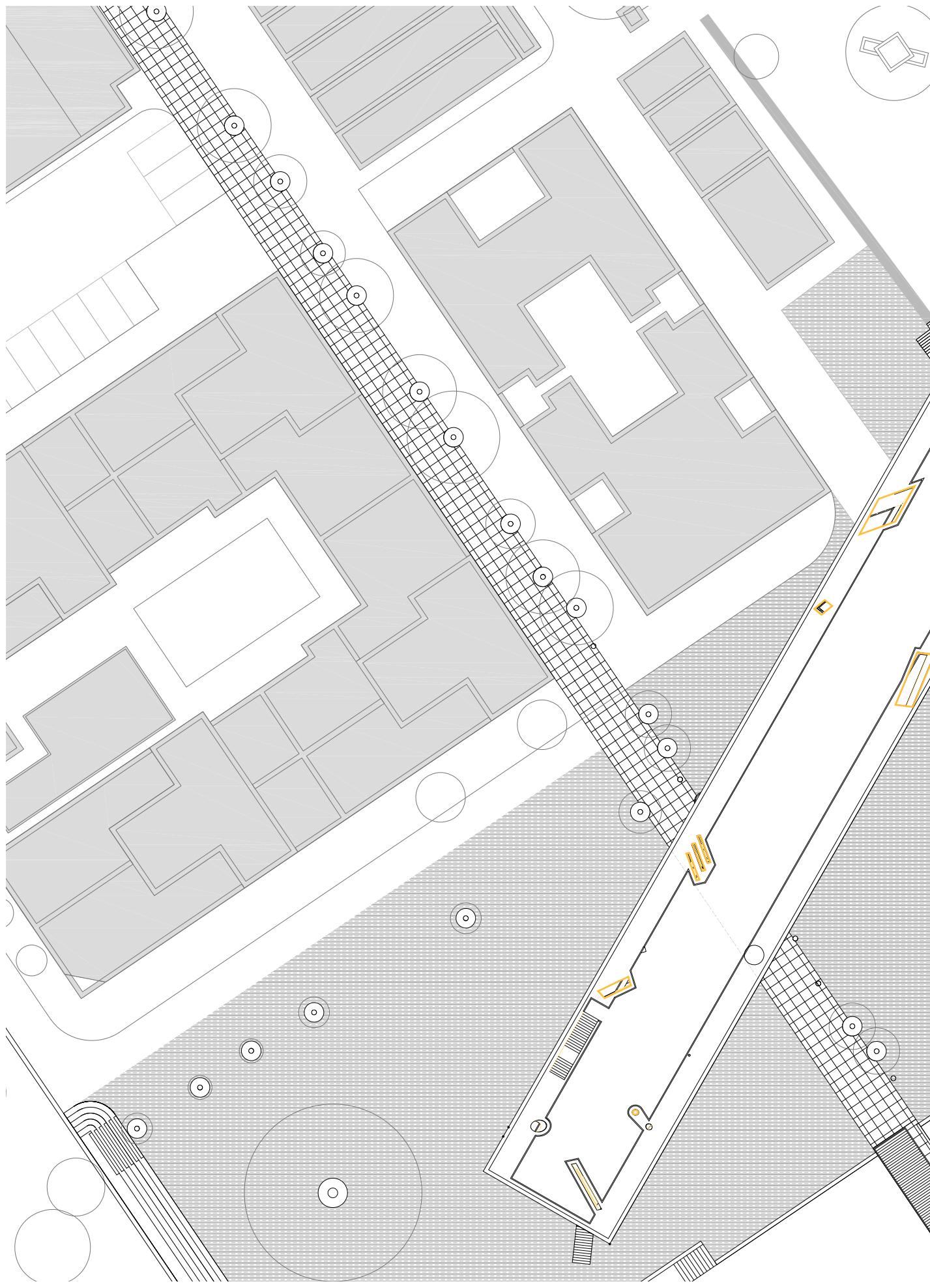


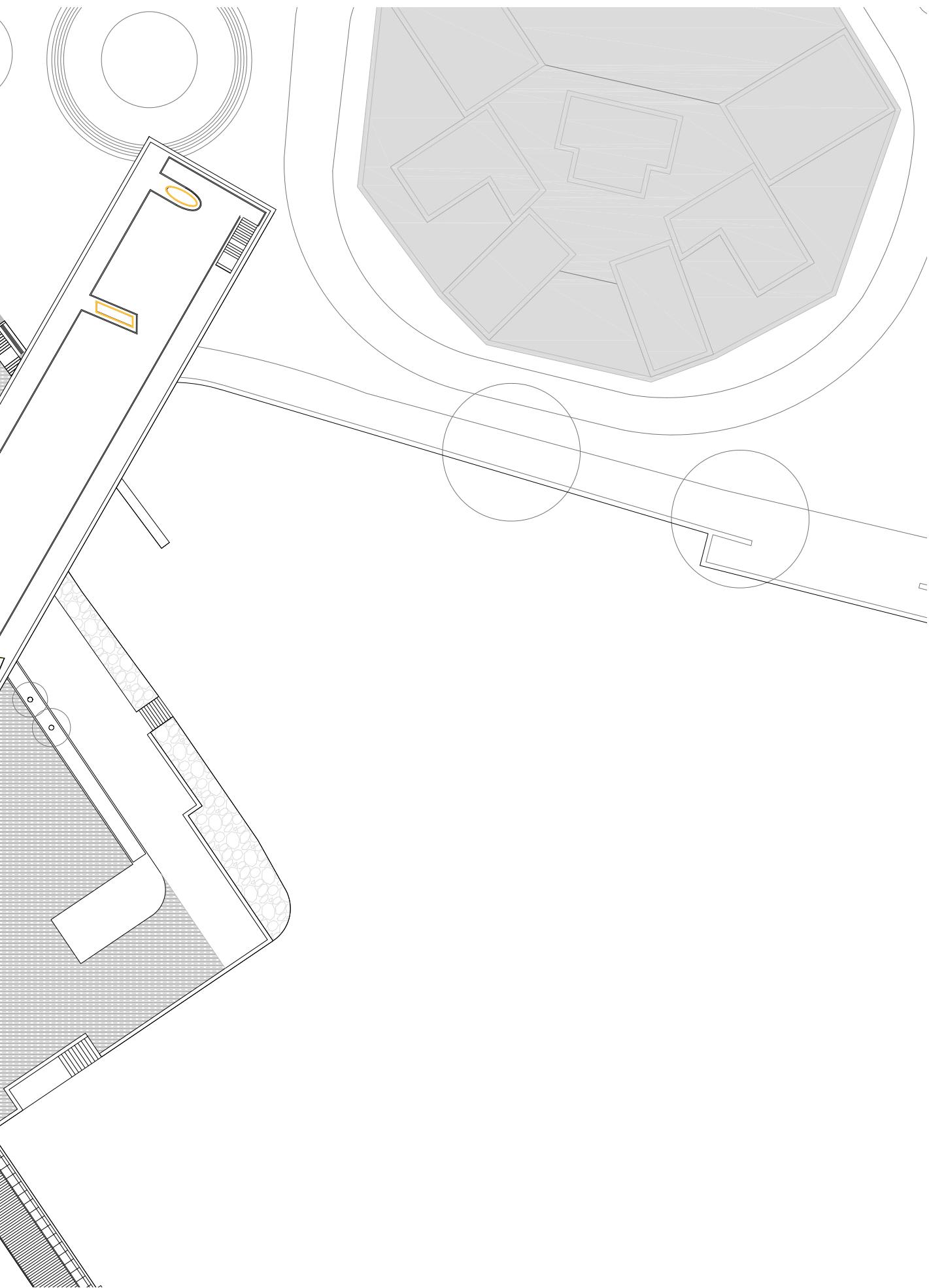
P Entrance CH
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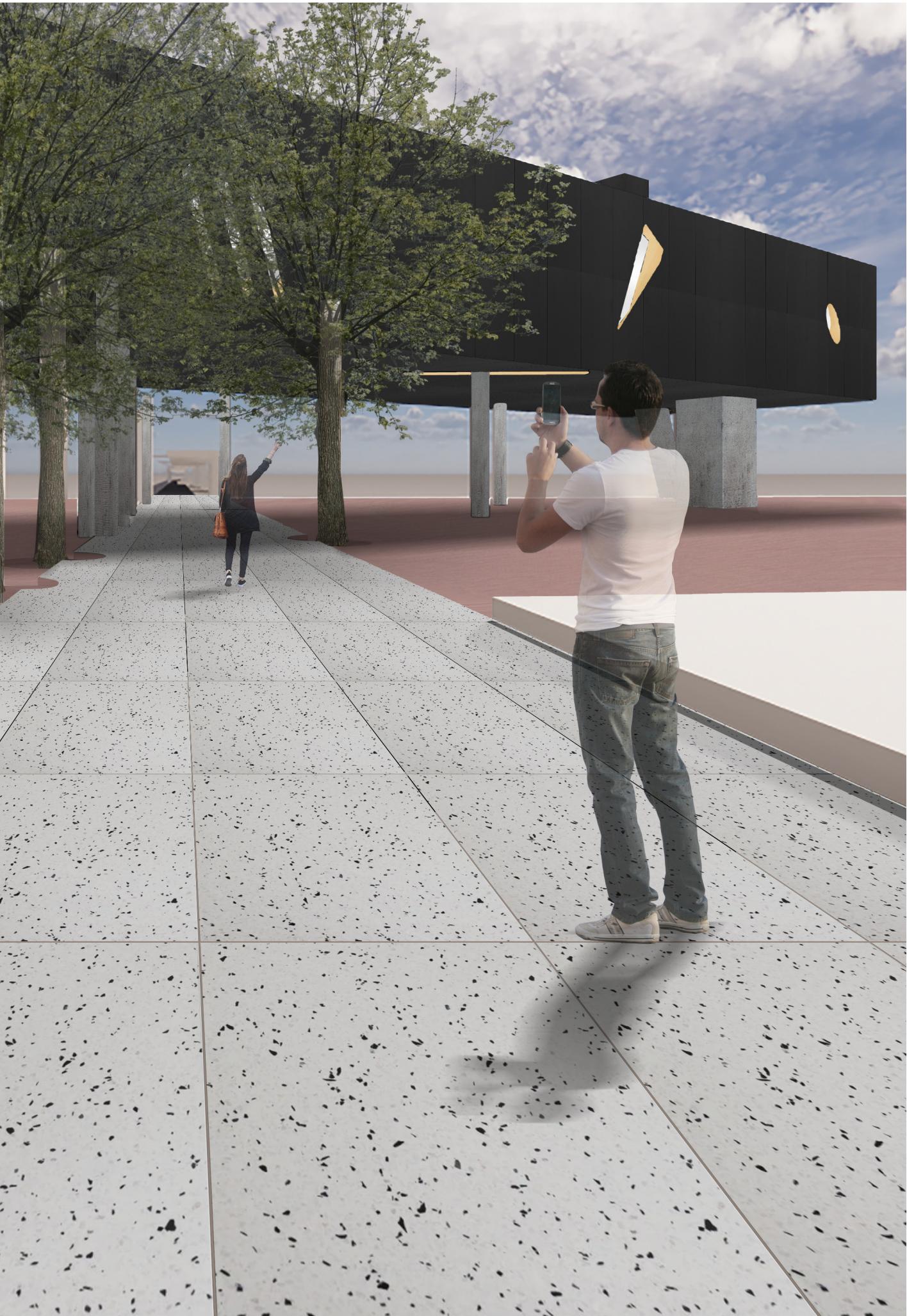
Q Roof Plan
1:100

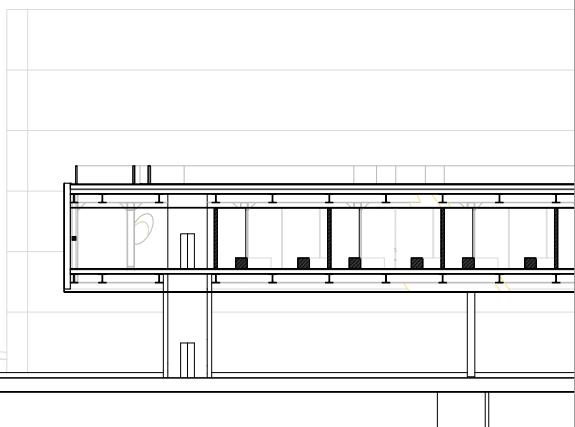




R Moment of See Through
1:500

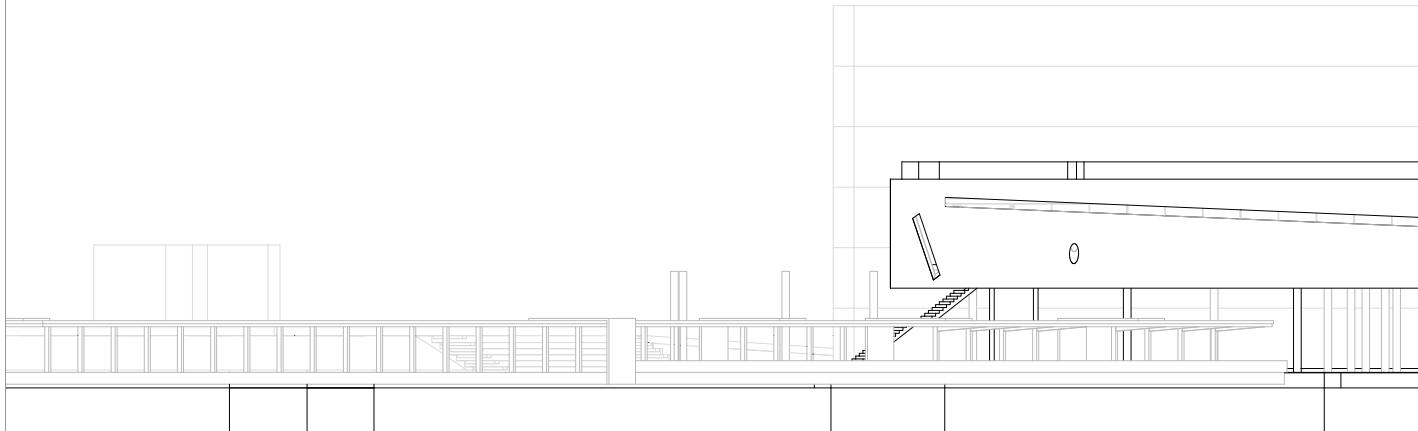
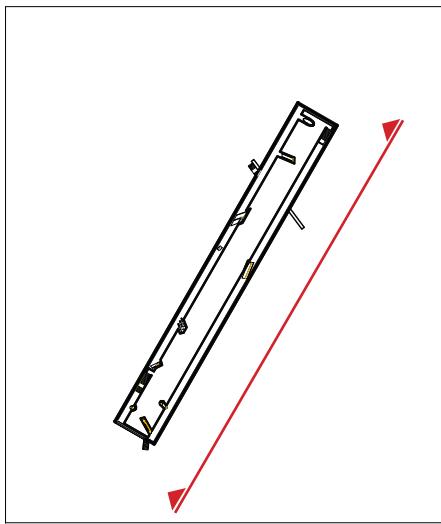


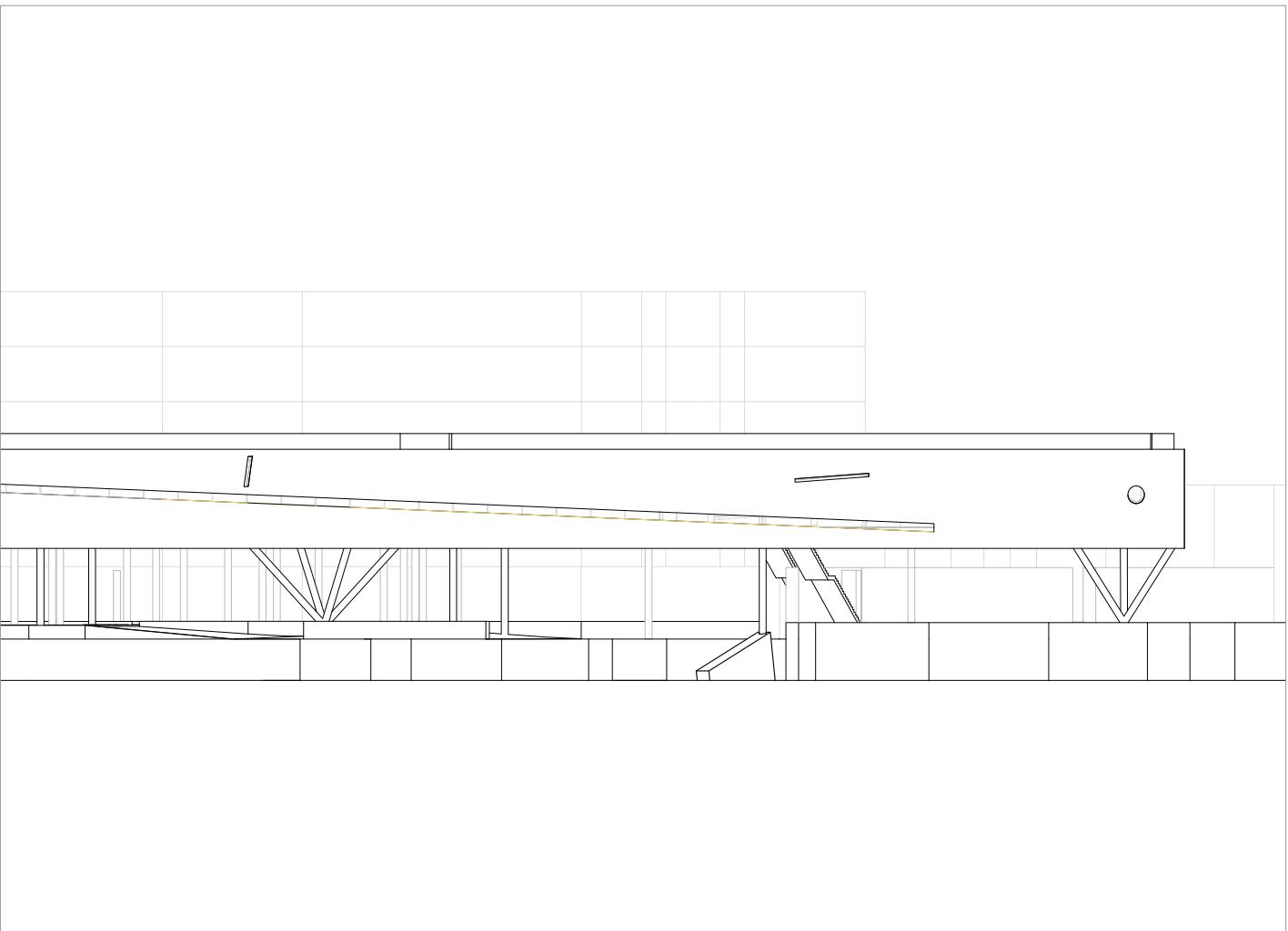




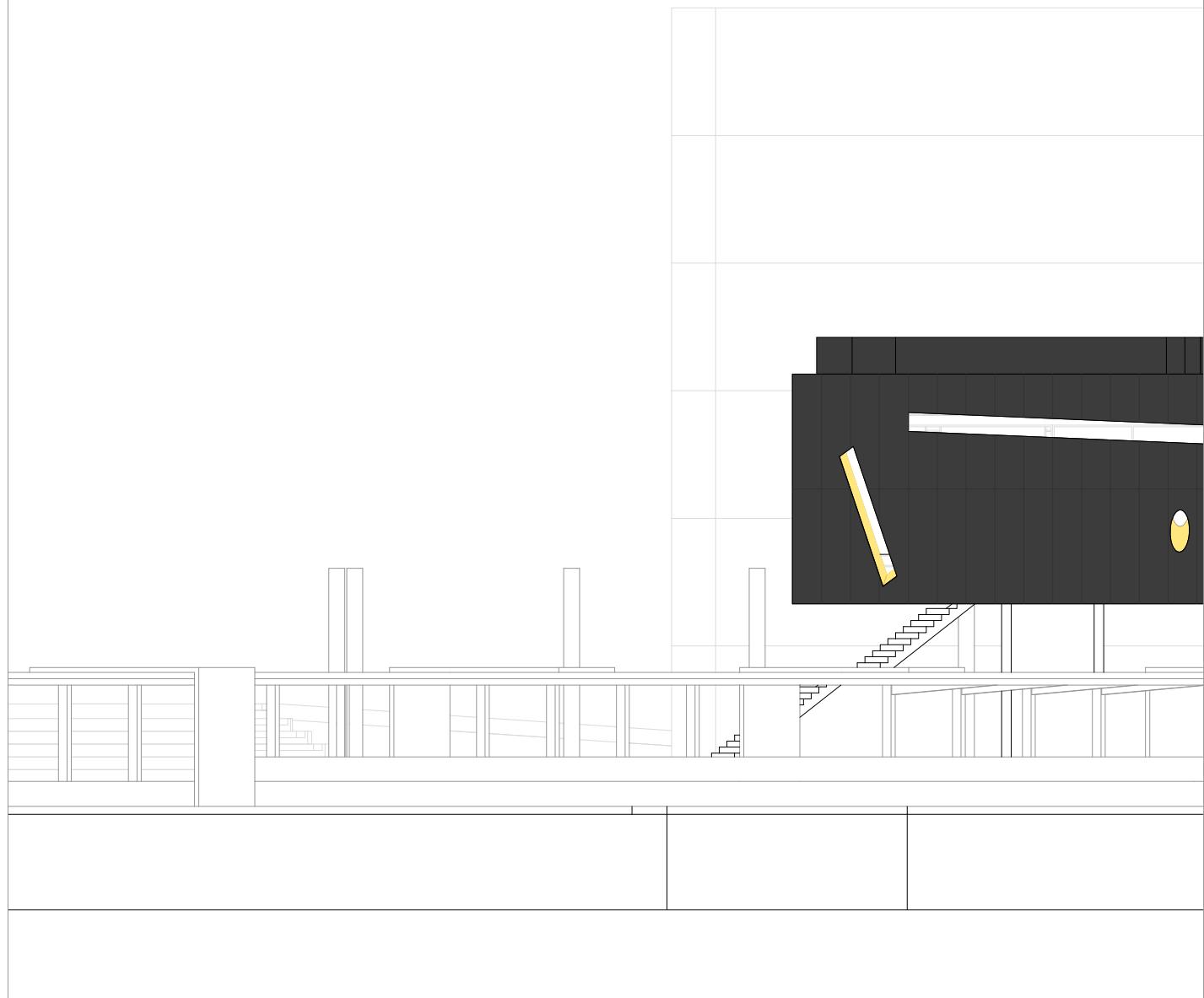


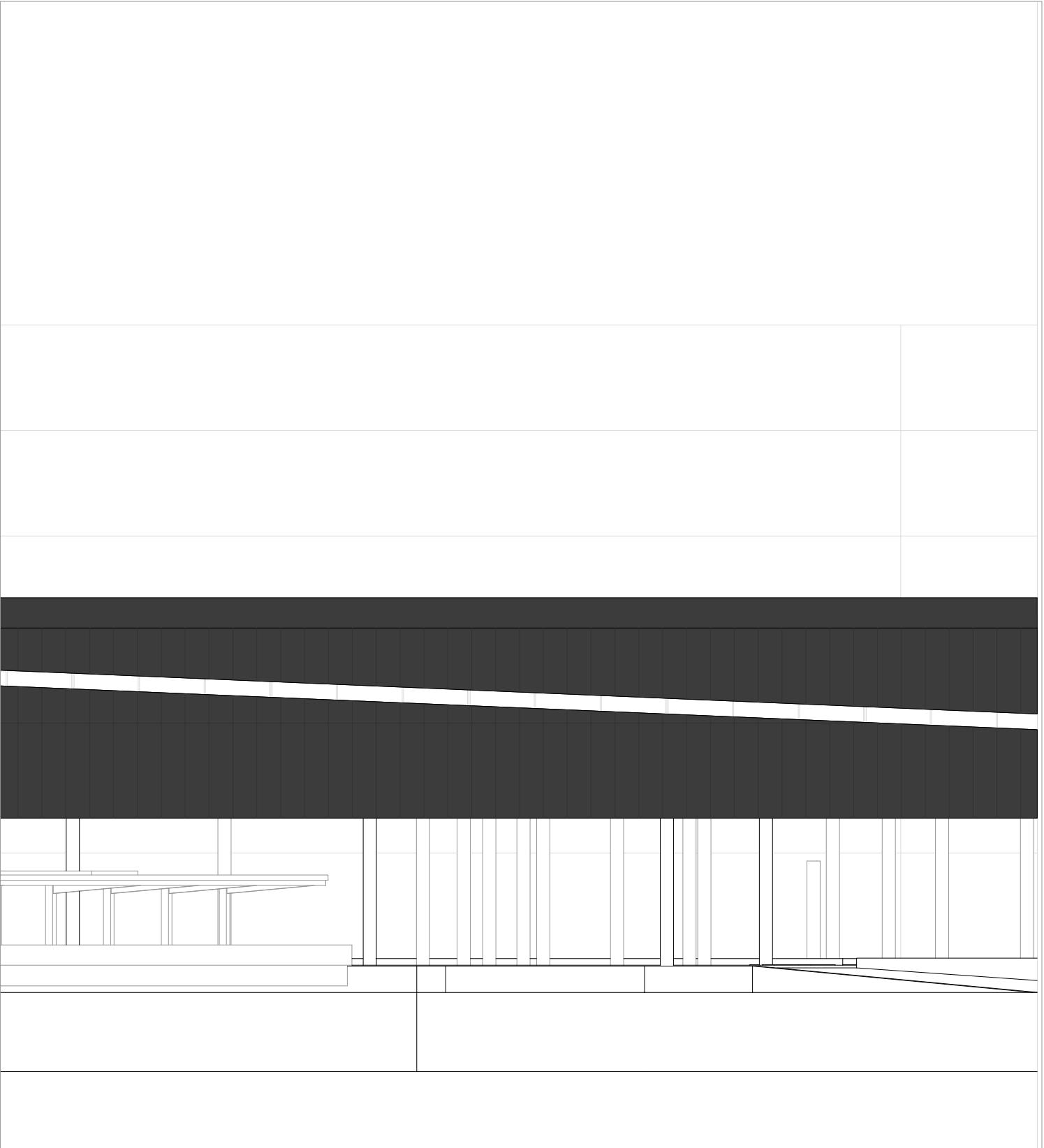
S Section
1:500





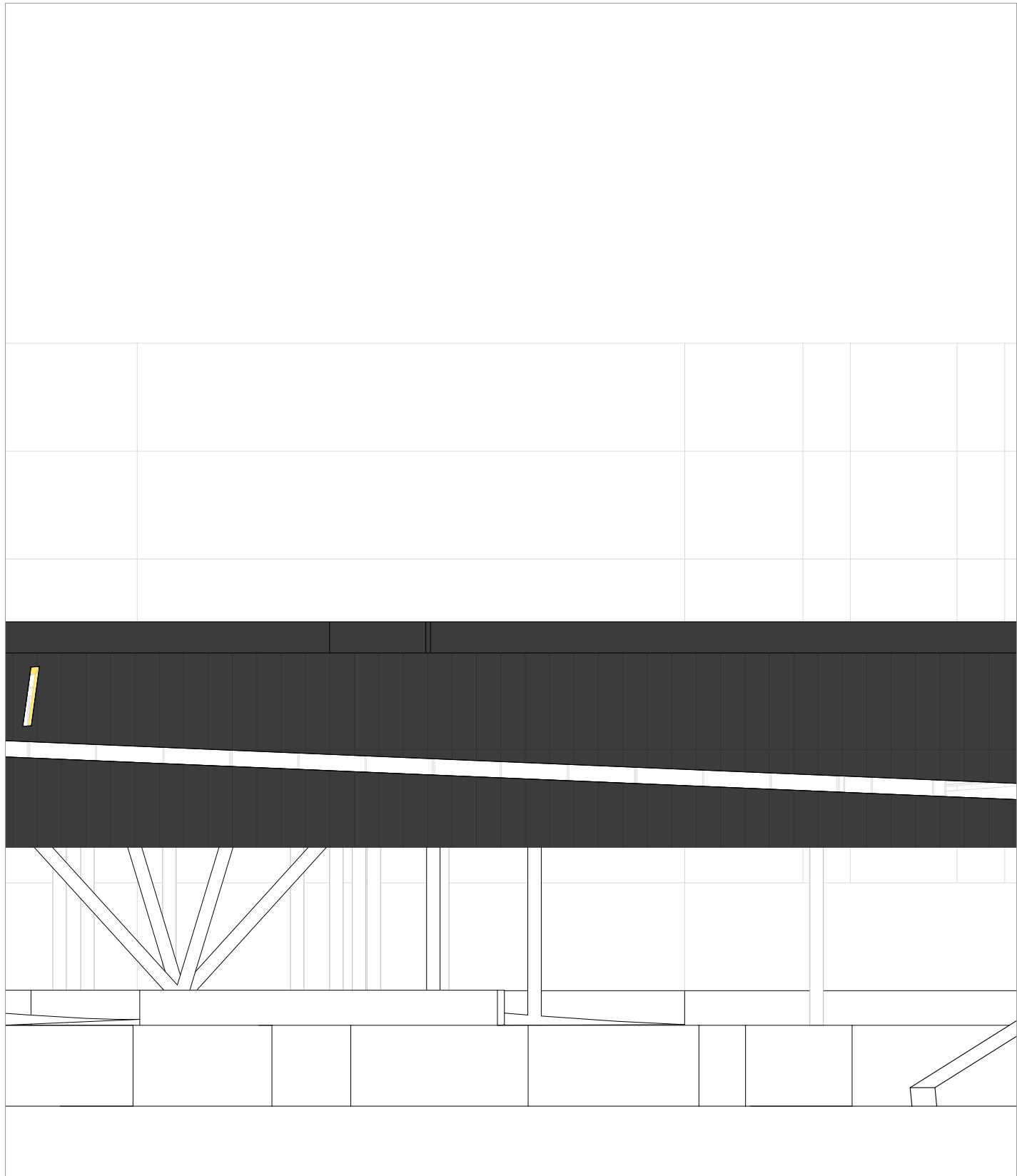
T Facade Seaside
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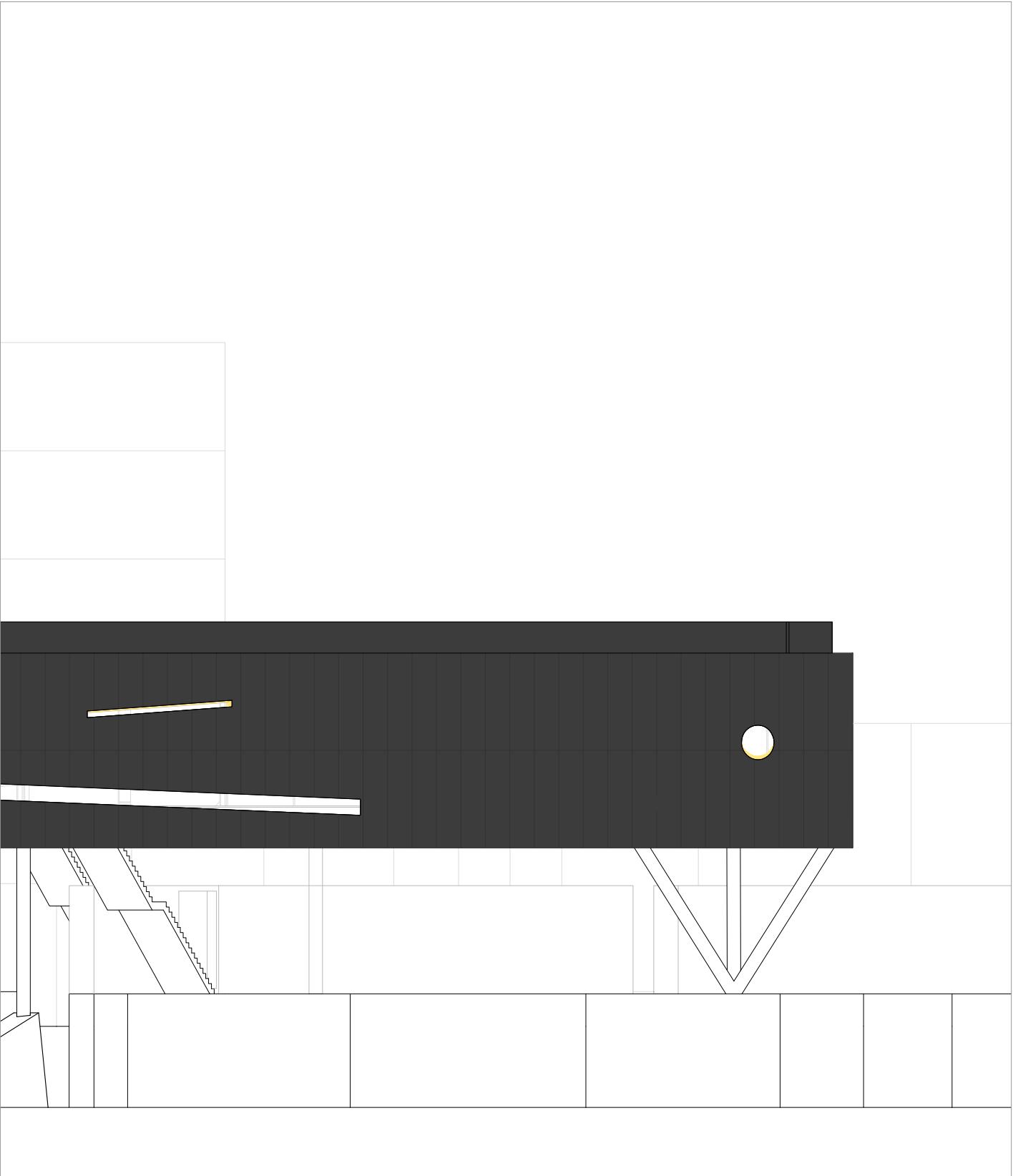




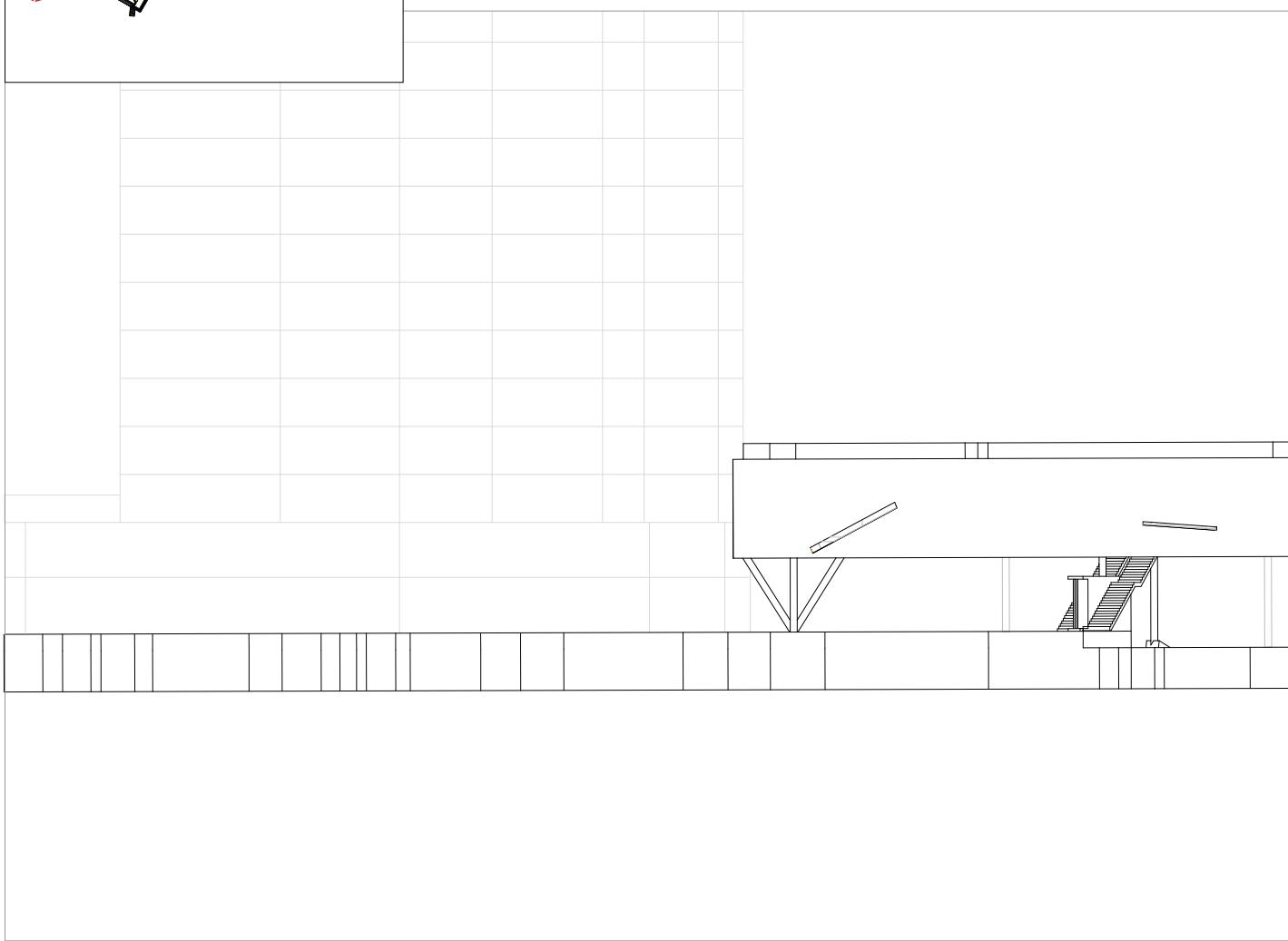
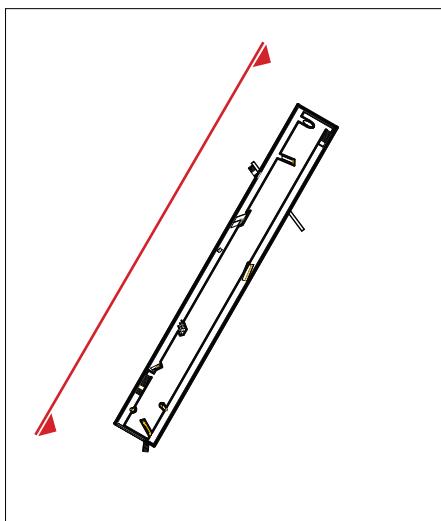
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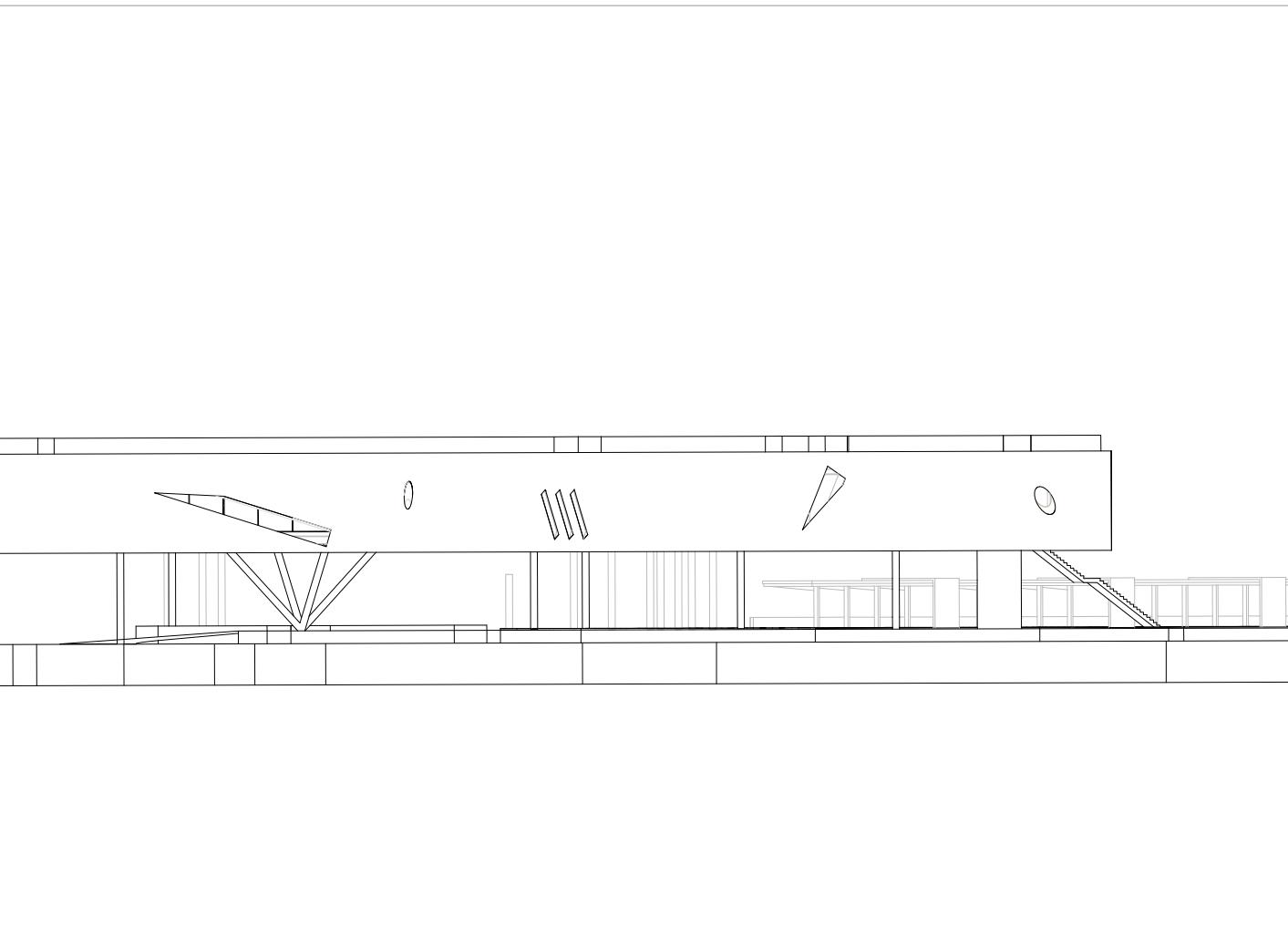
Layout



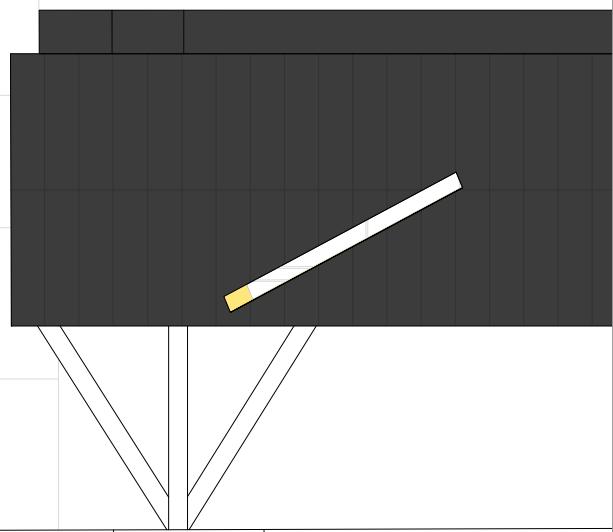
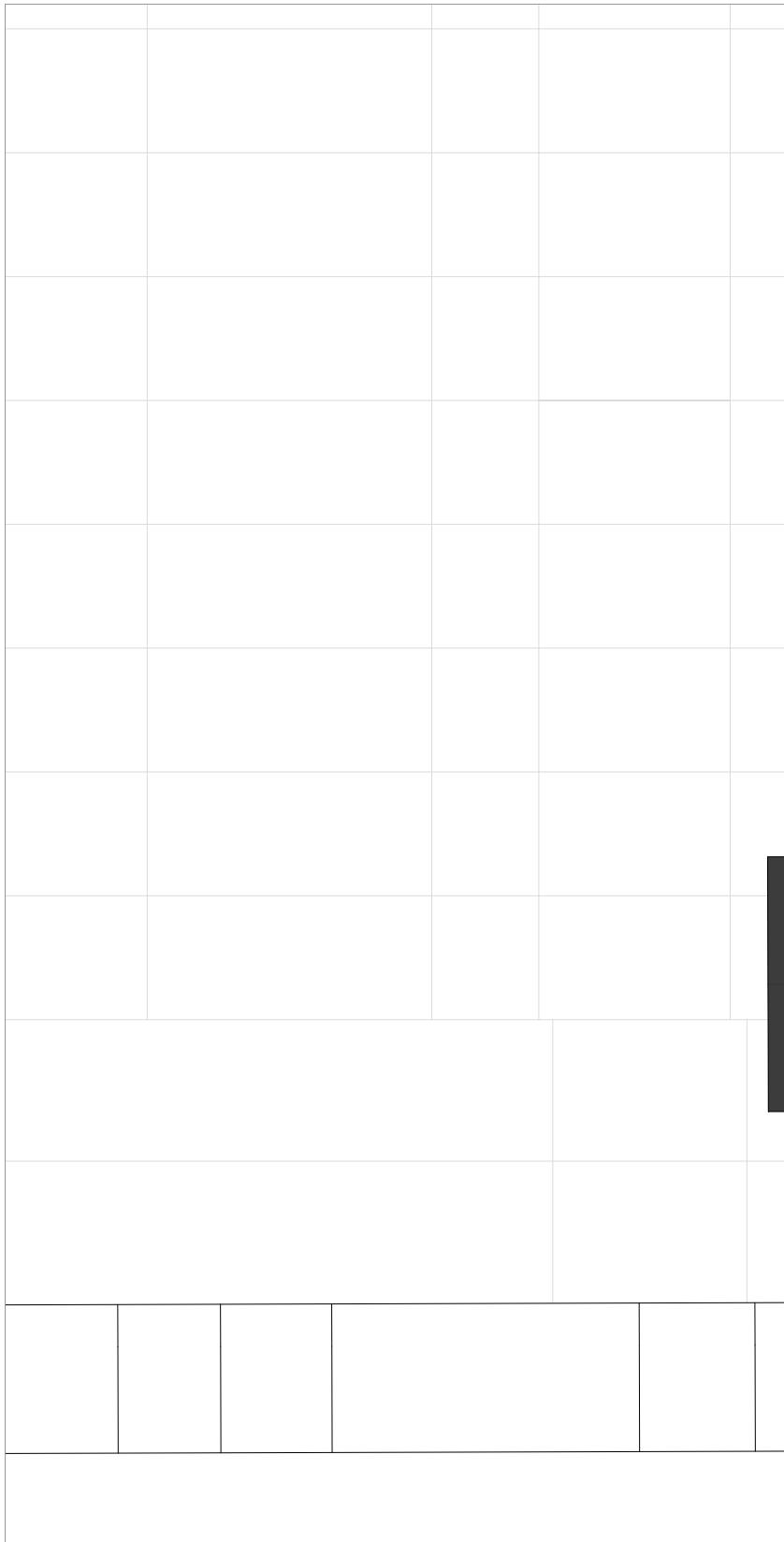


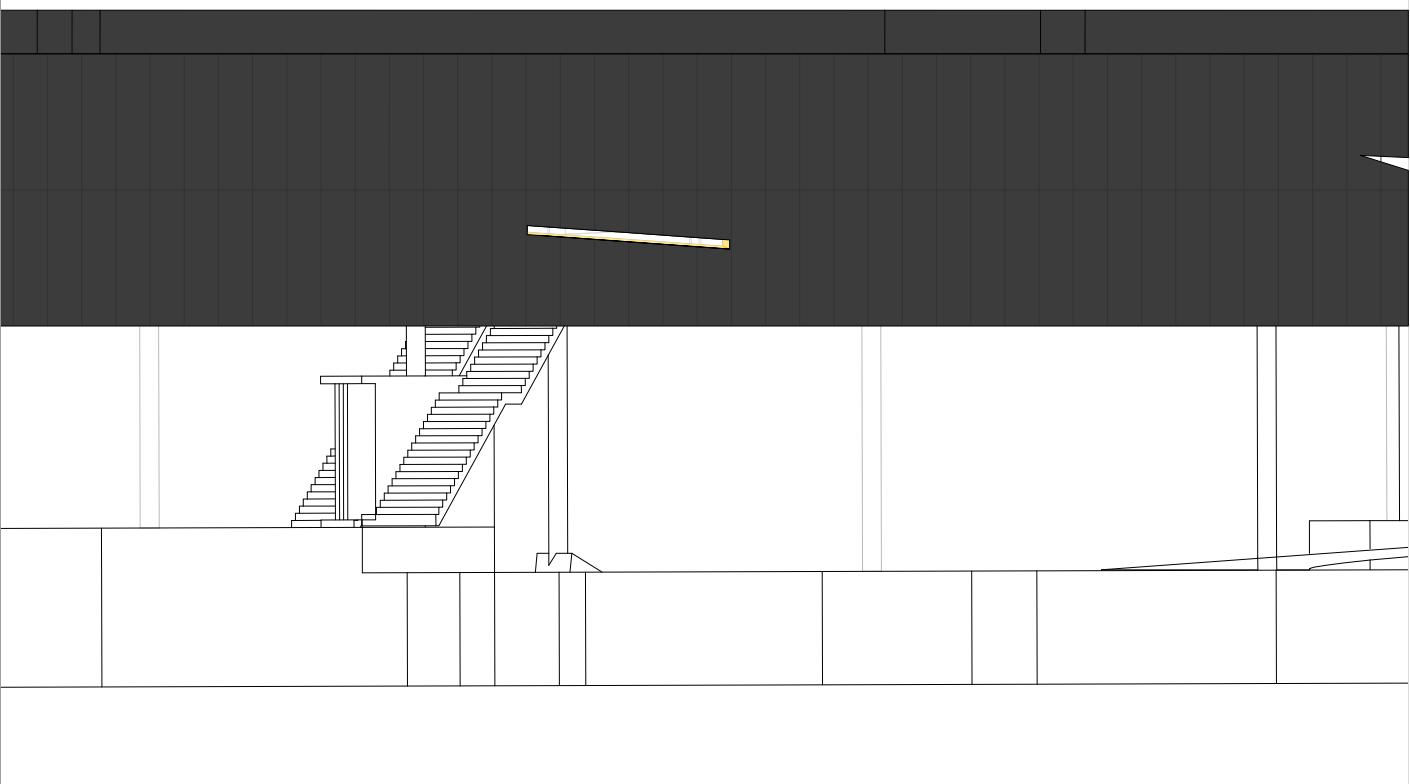
T Facade Seaside B
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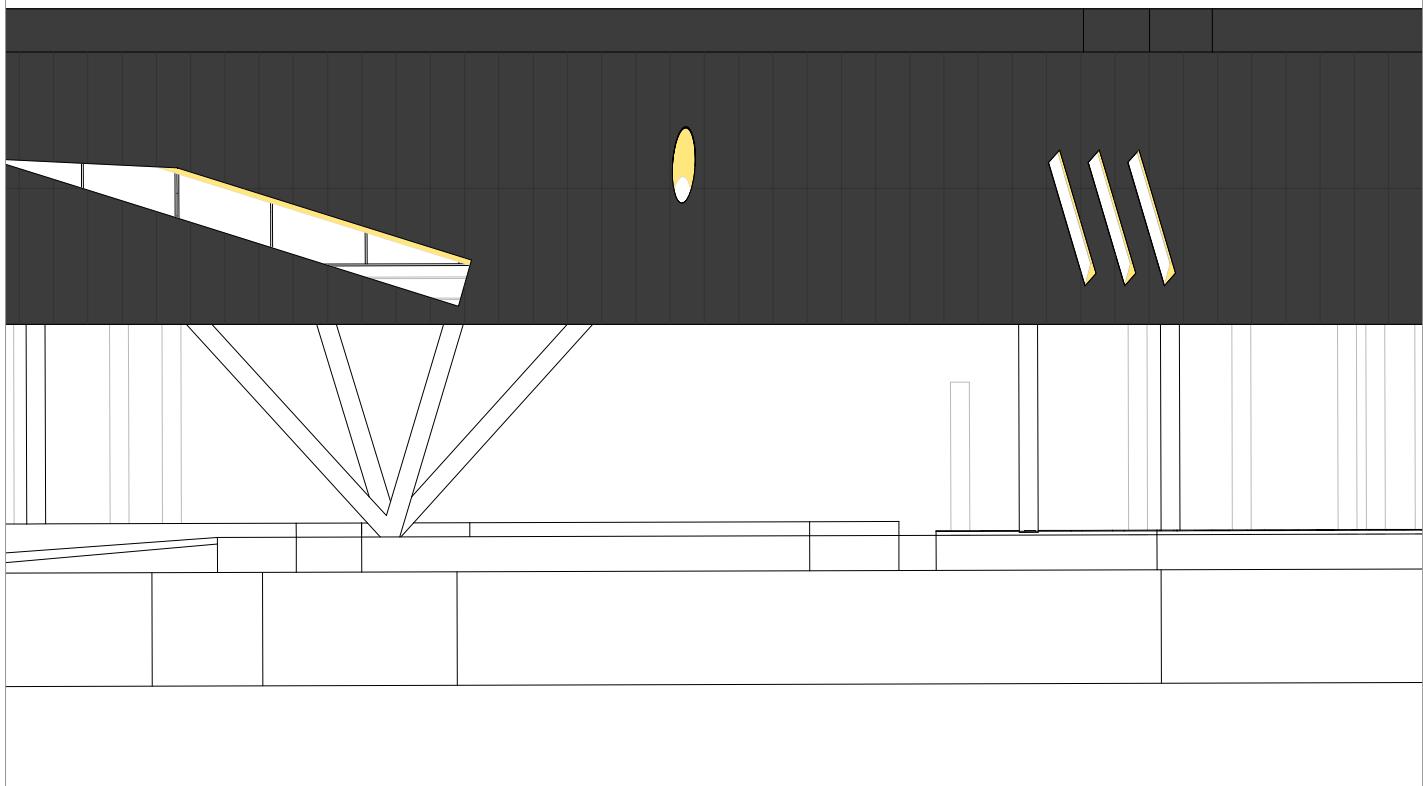


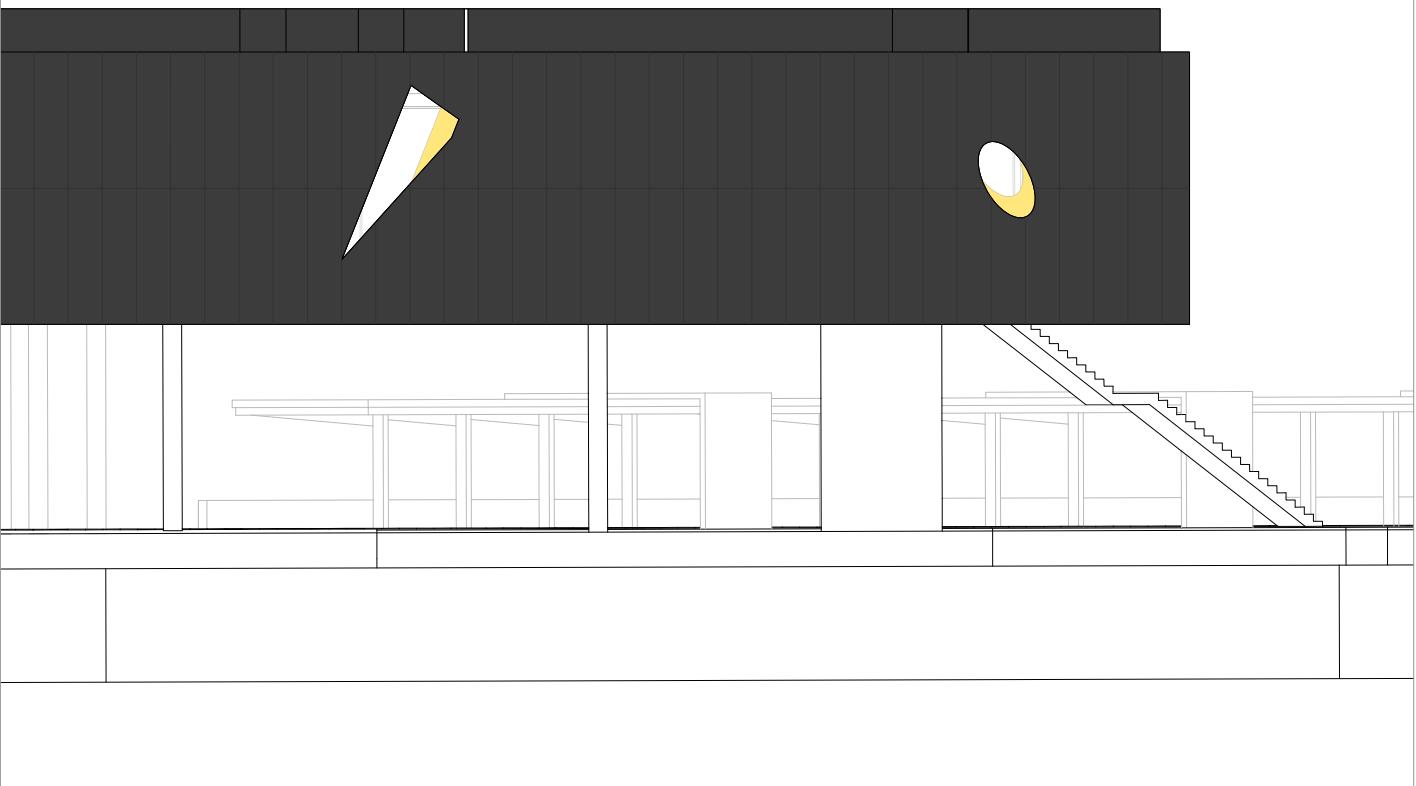
U Facade Shoreside
1:500



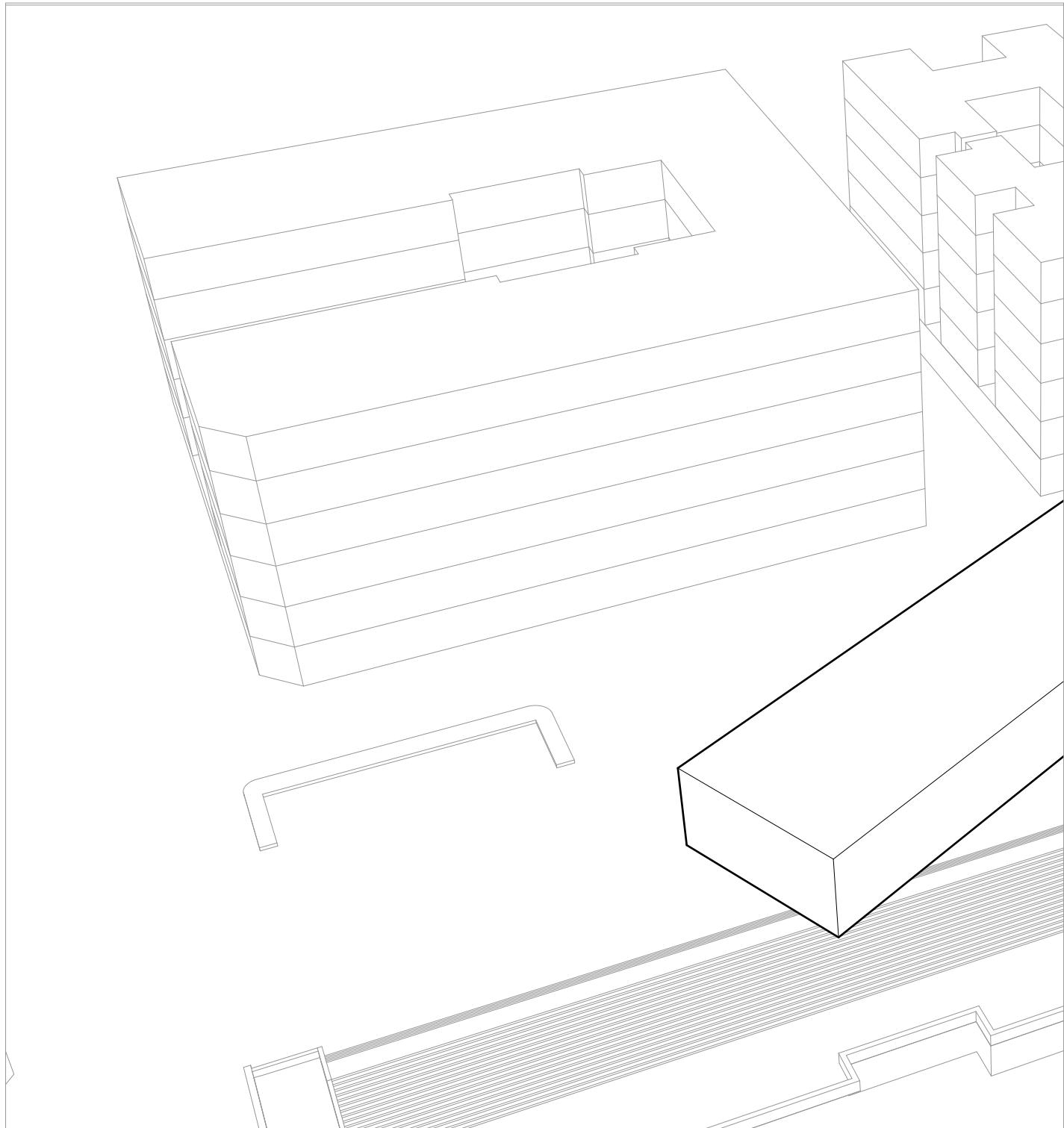


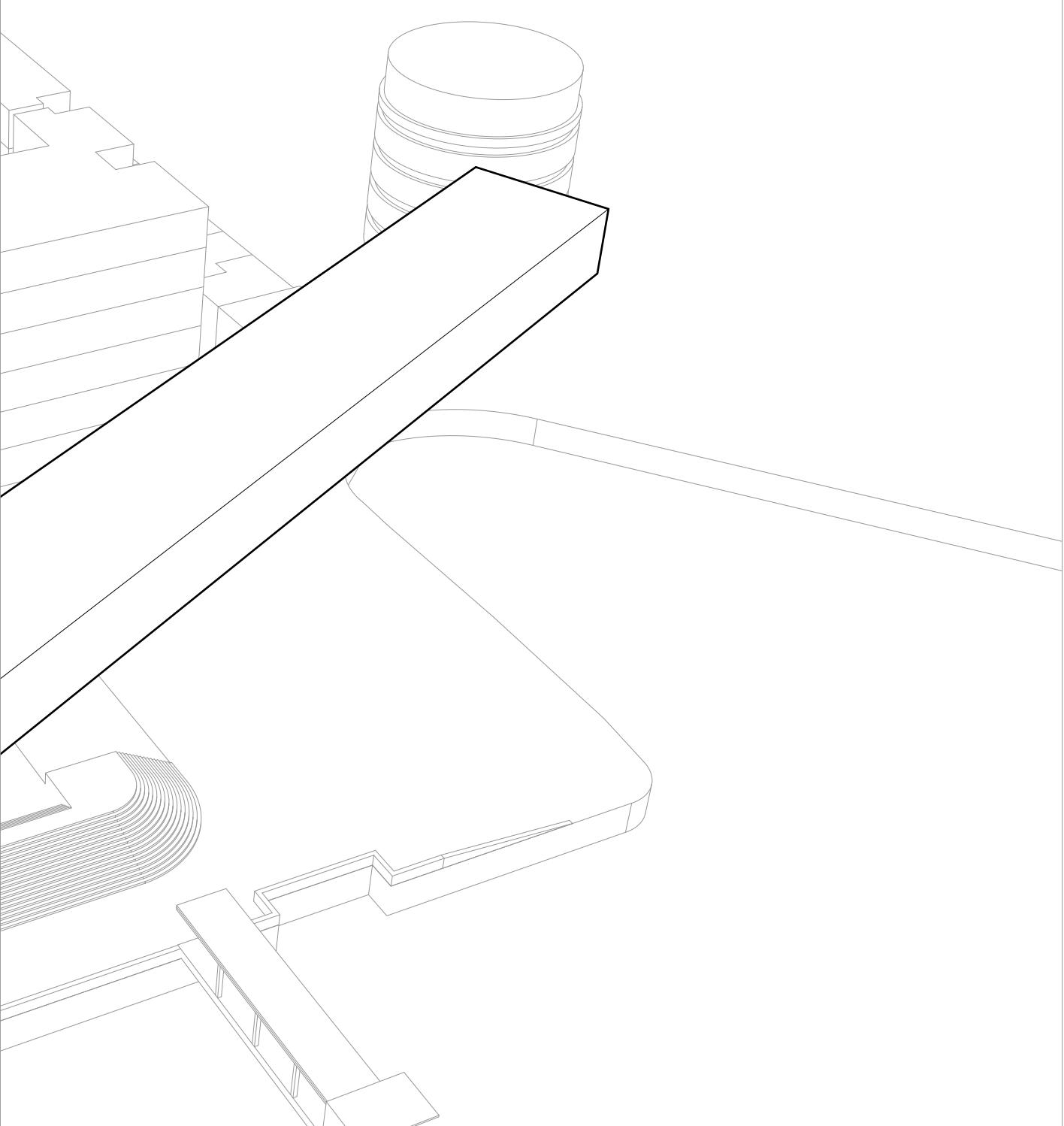
U Facade Shoreside A
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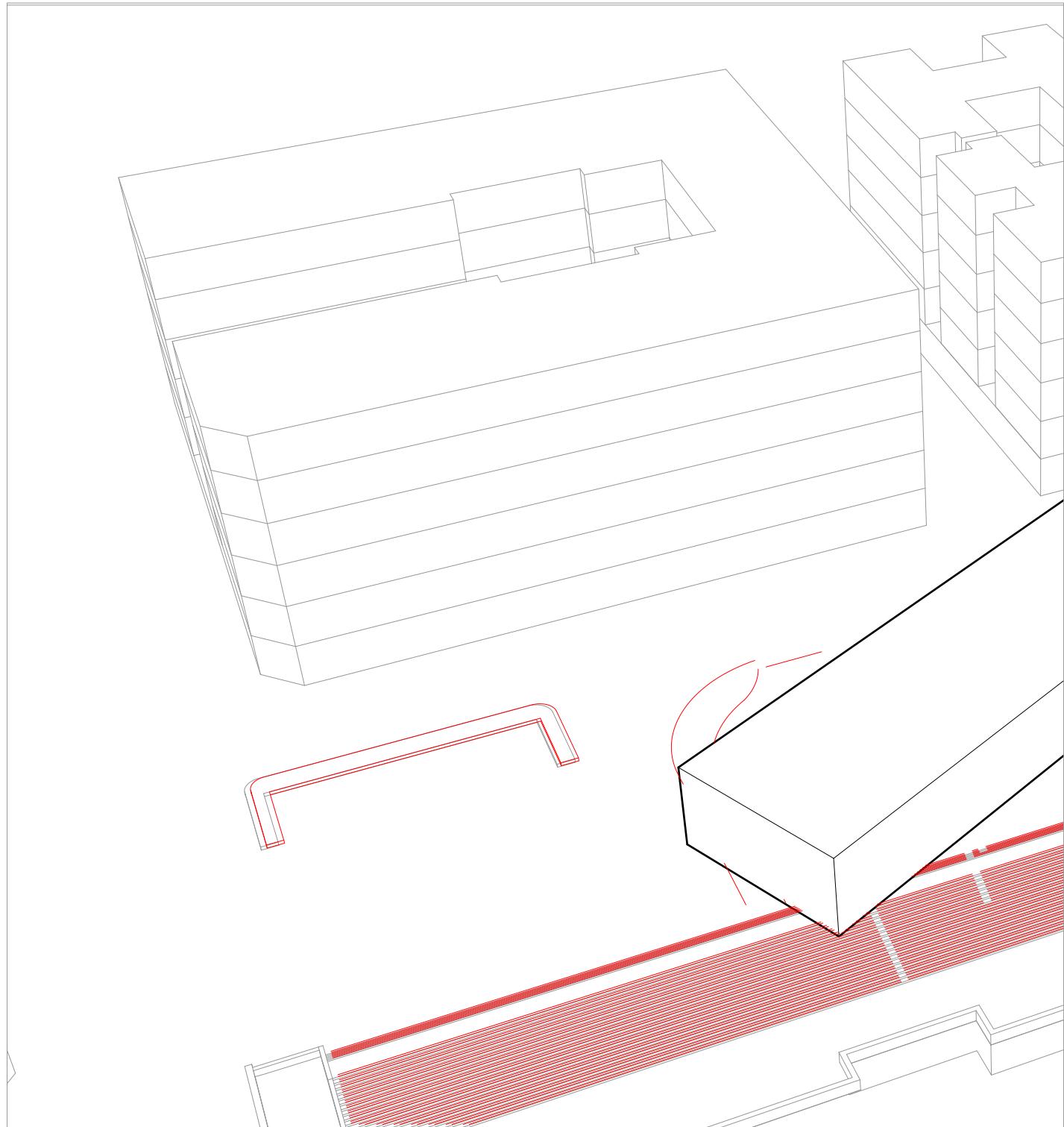


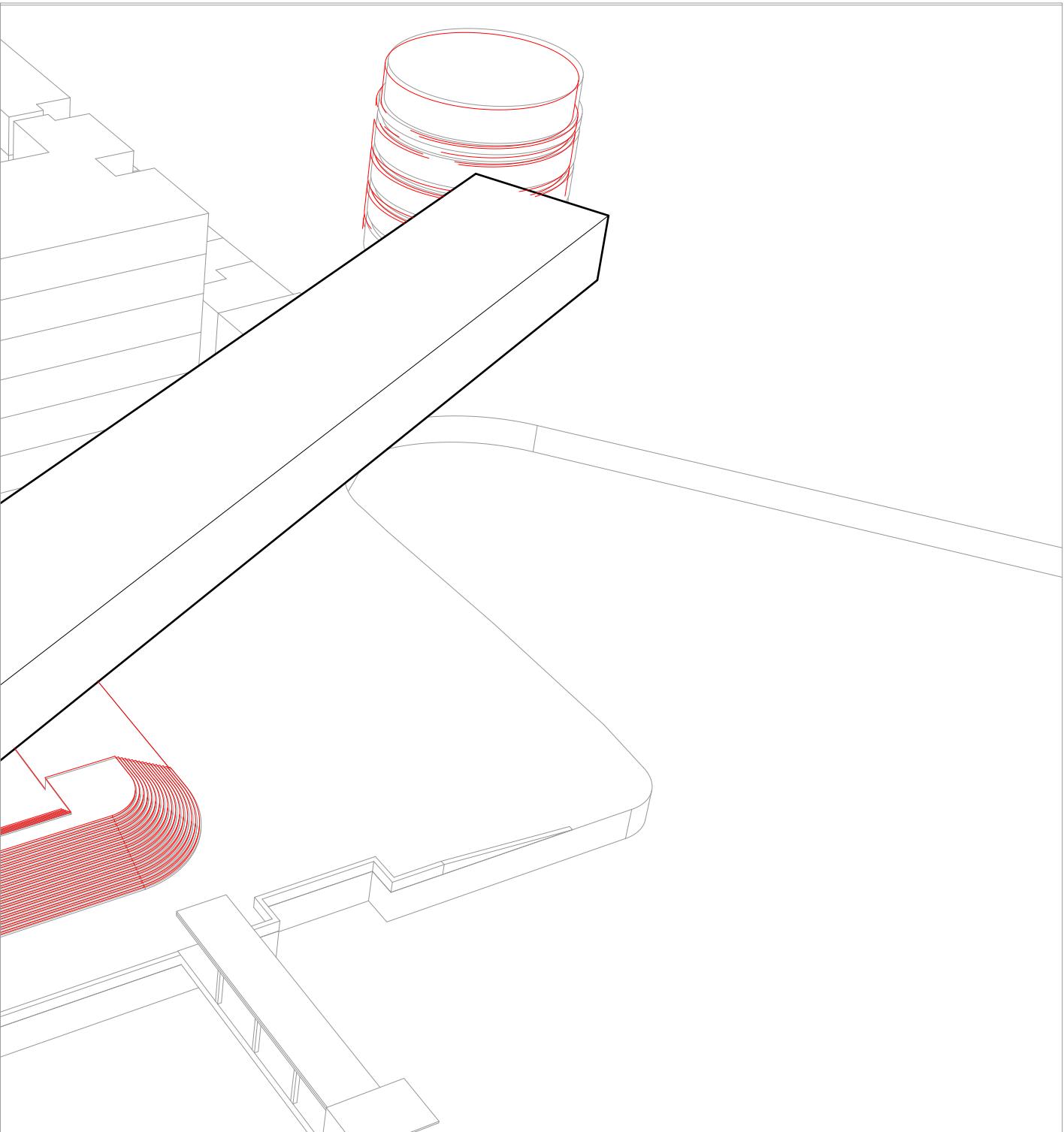


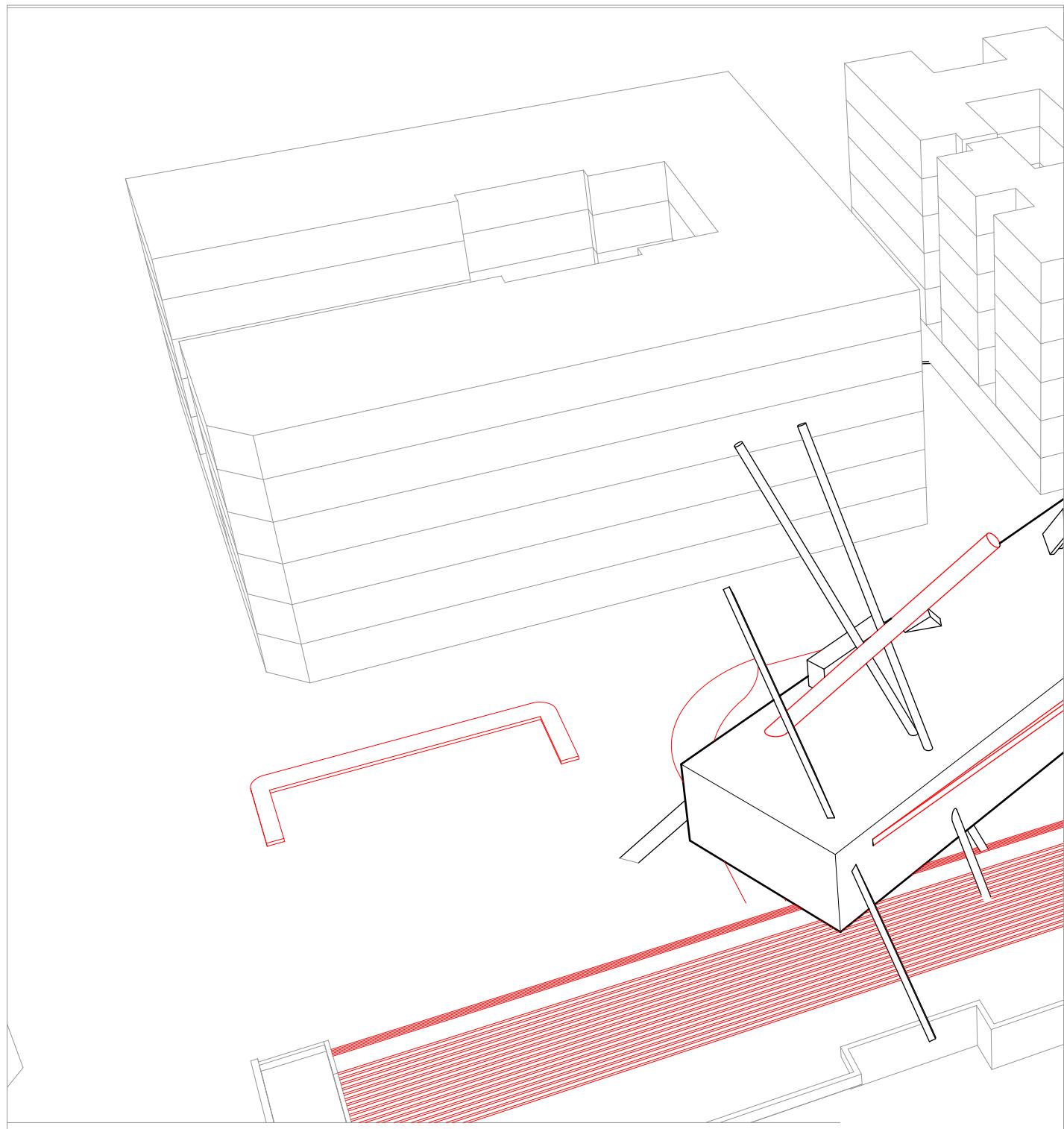
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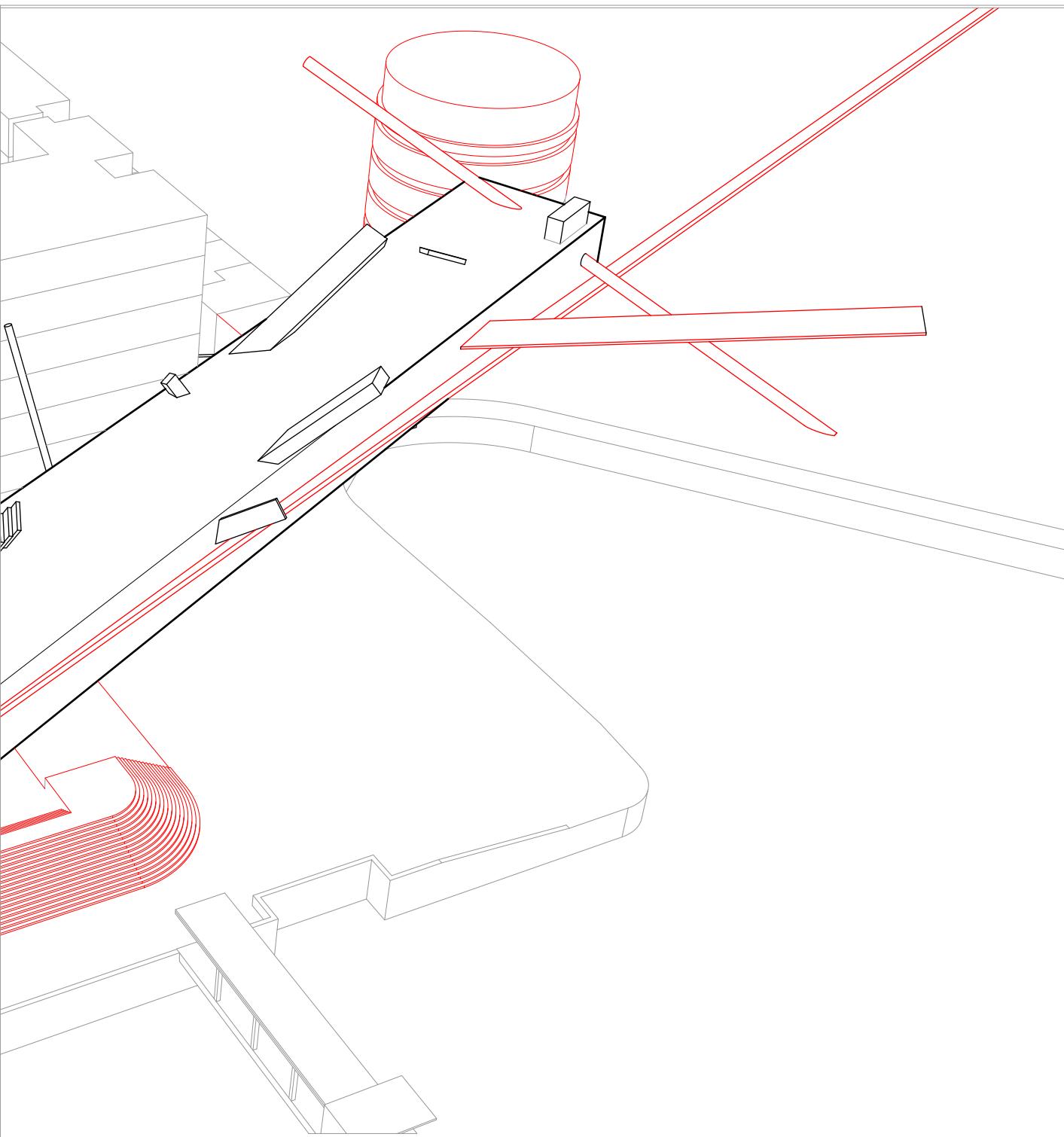


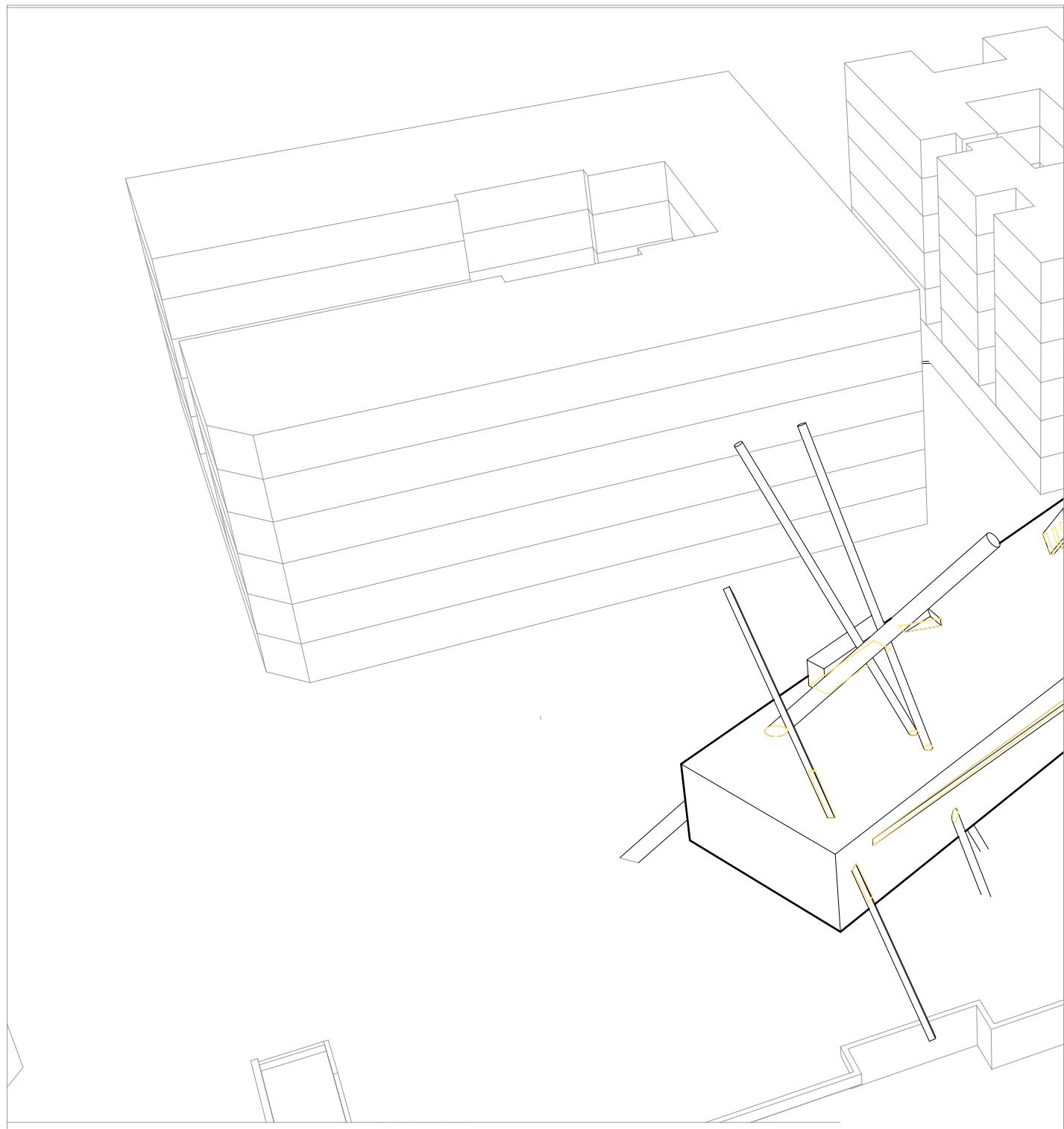


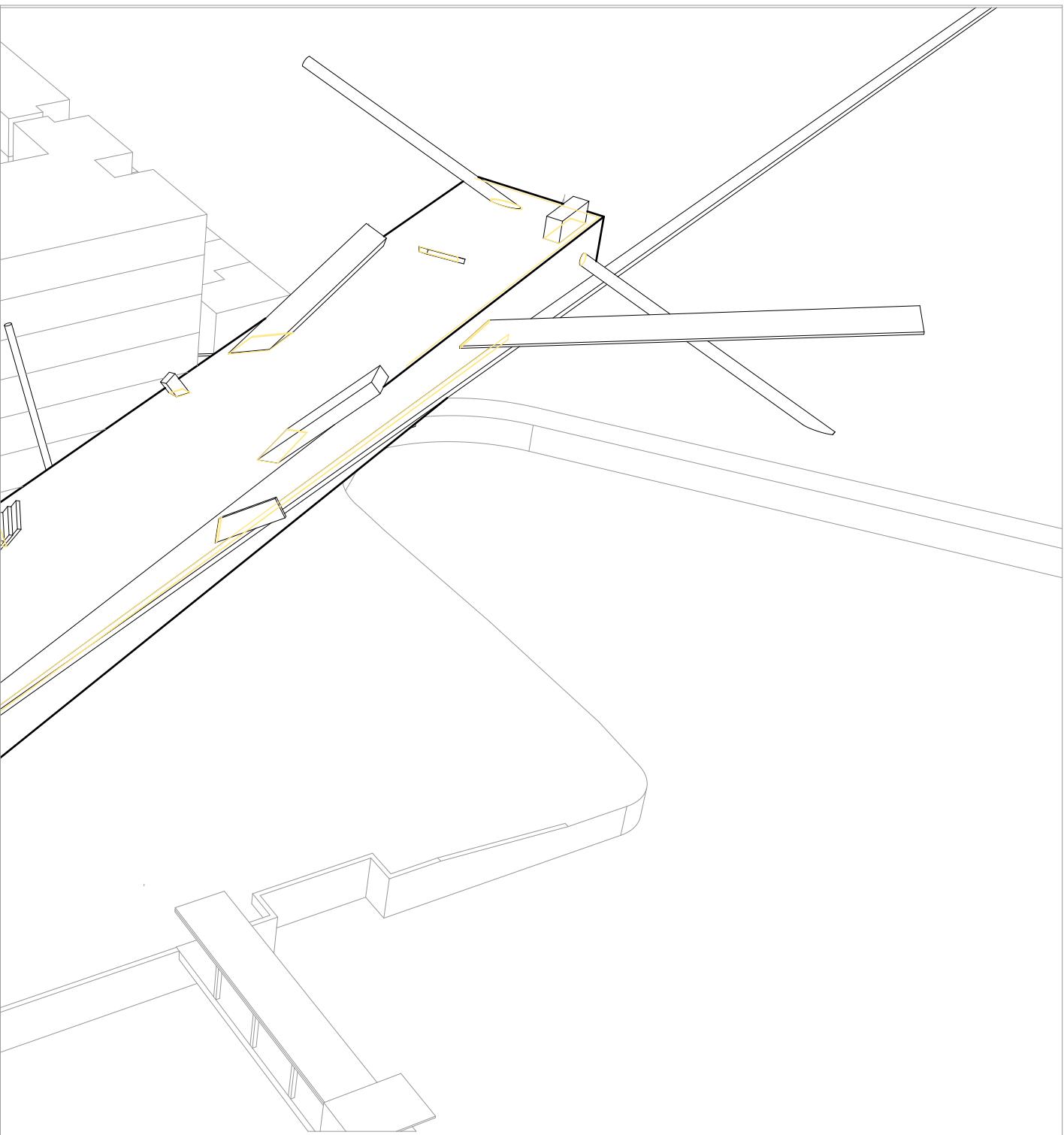


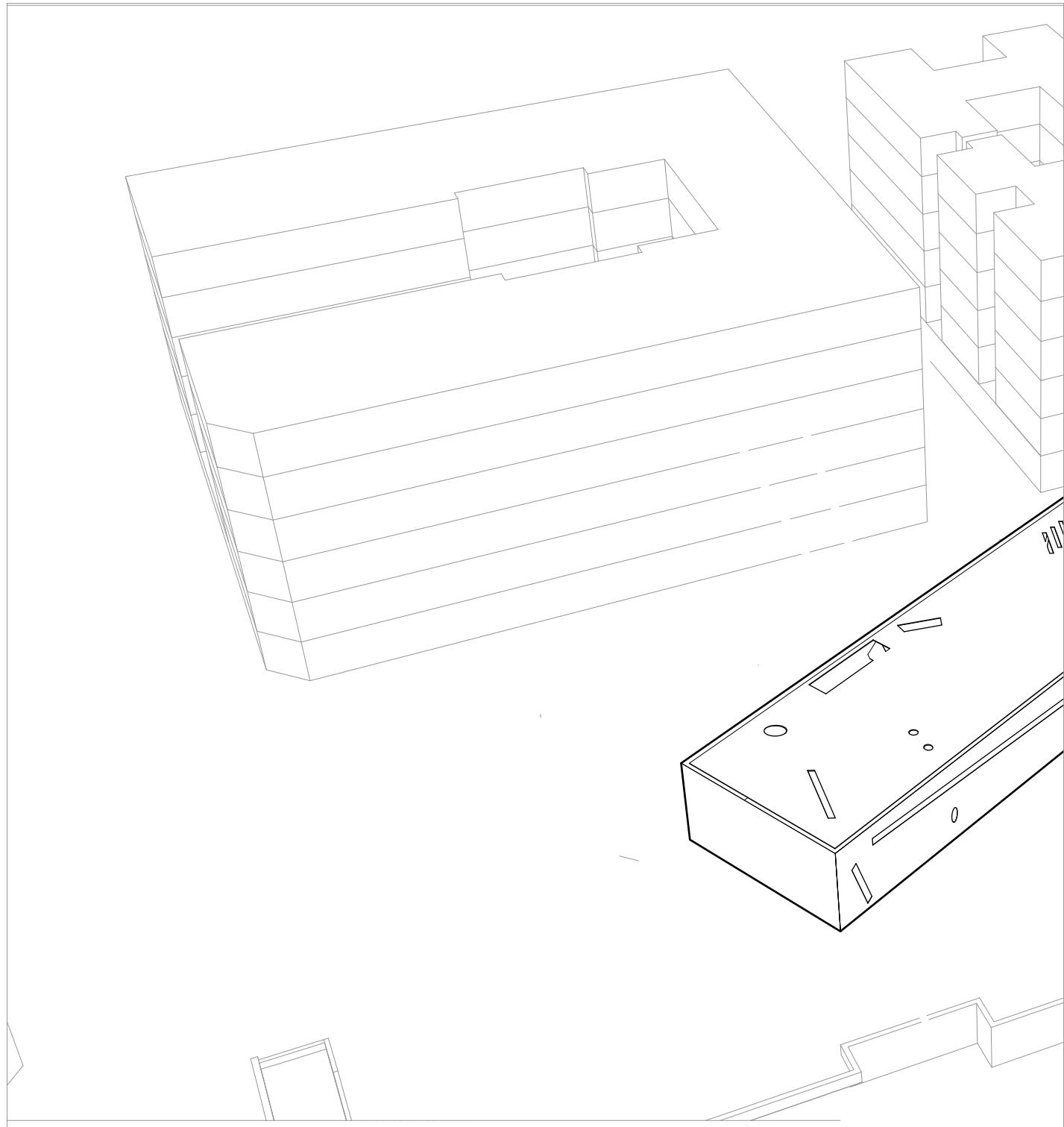


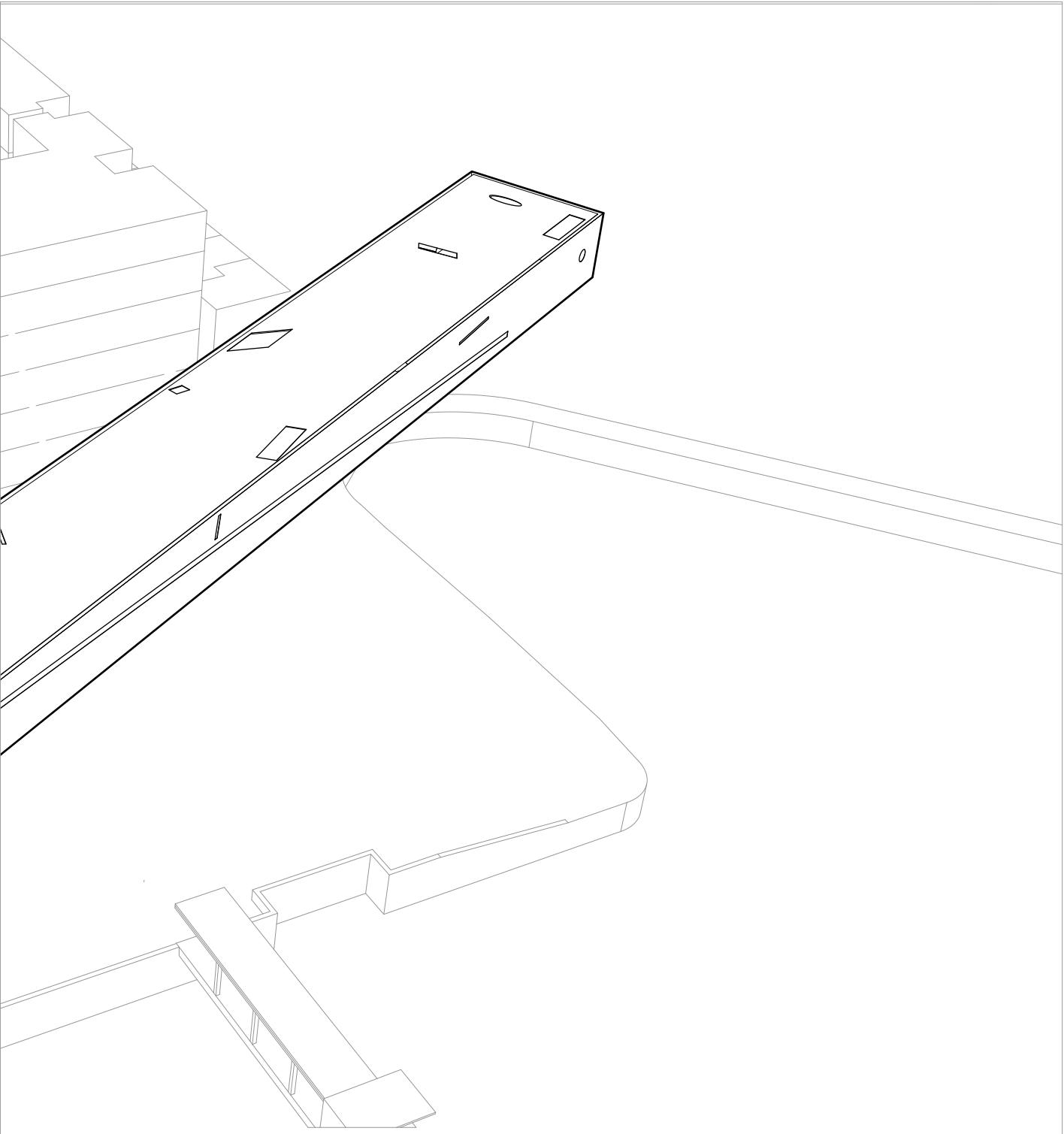








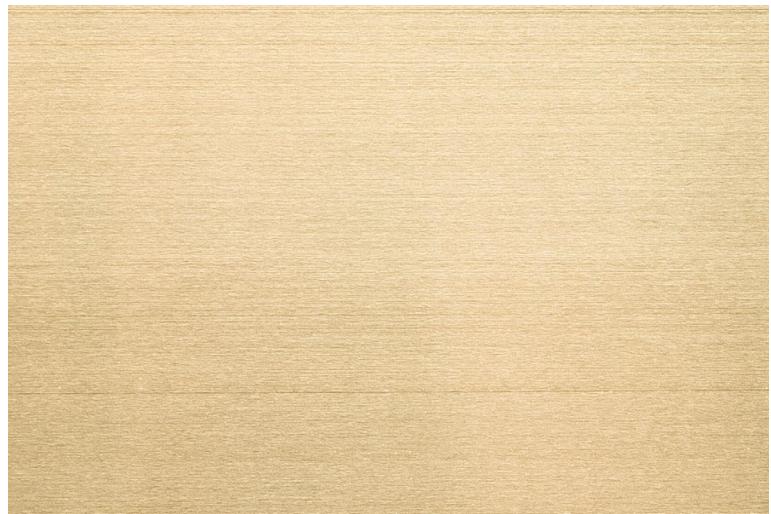




Facade Cladding Exterior

Black Stainless Steel Sheets

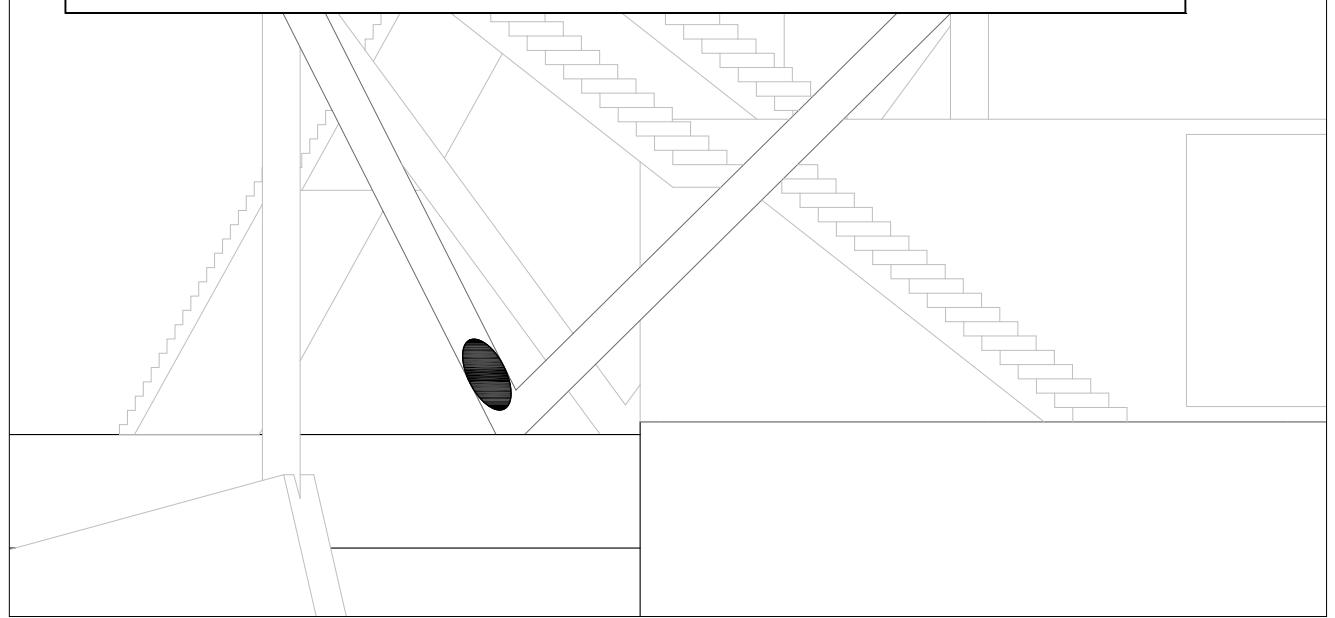
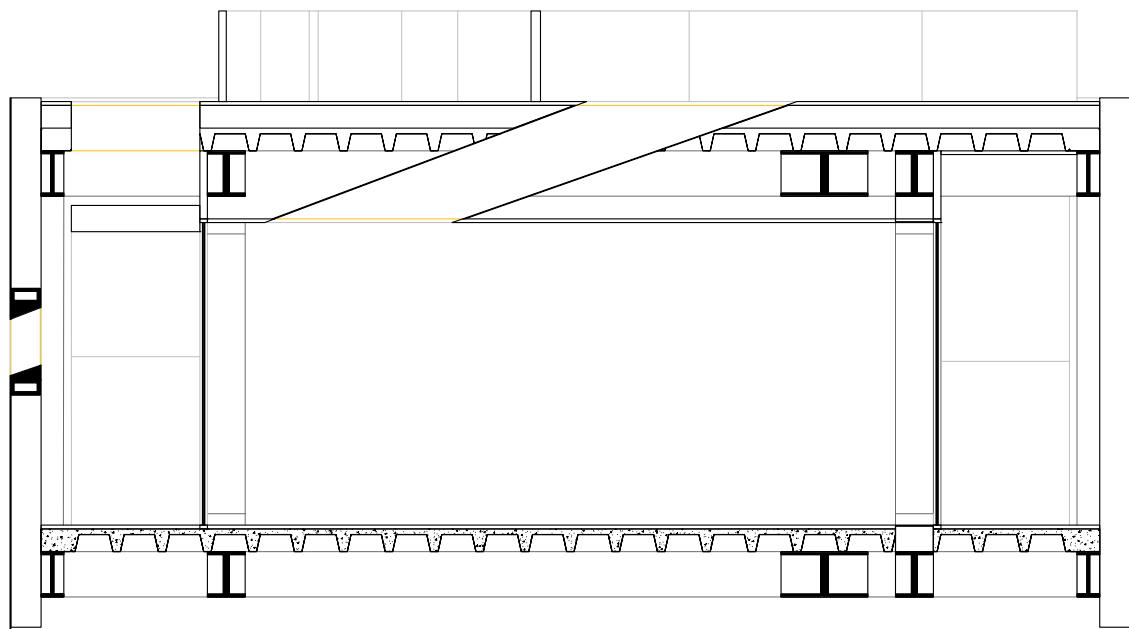




Facade Cladding Openings

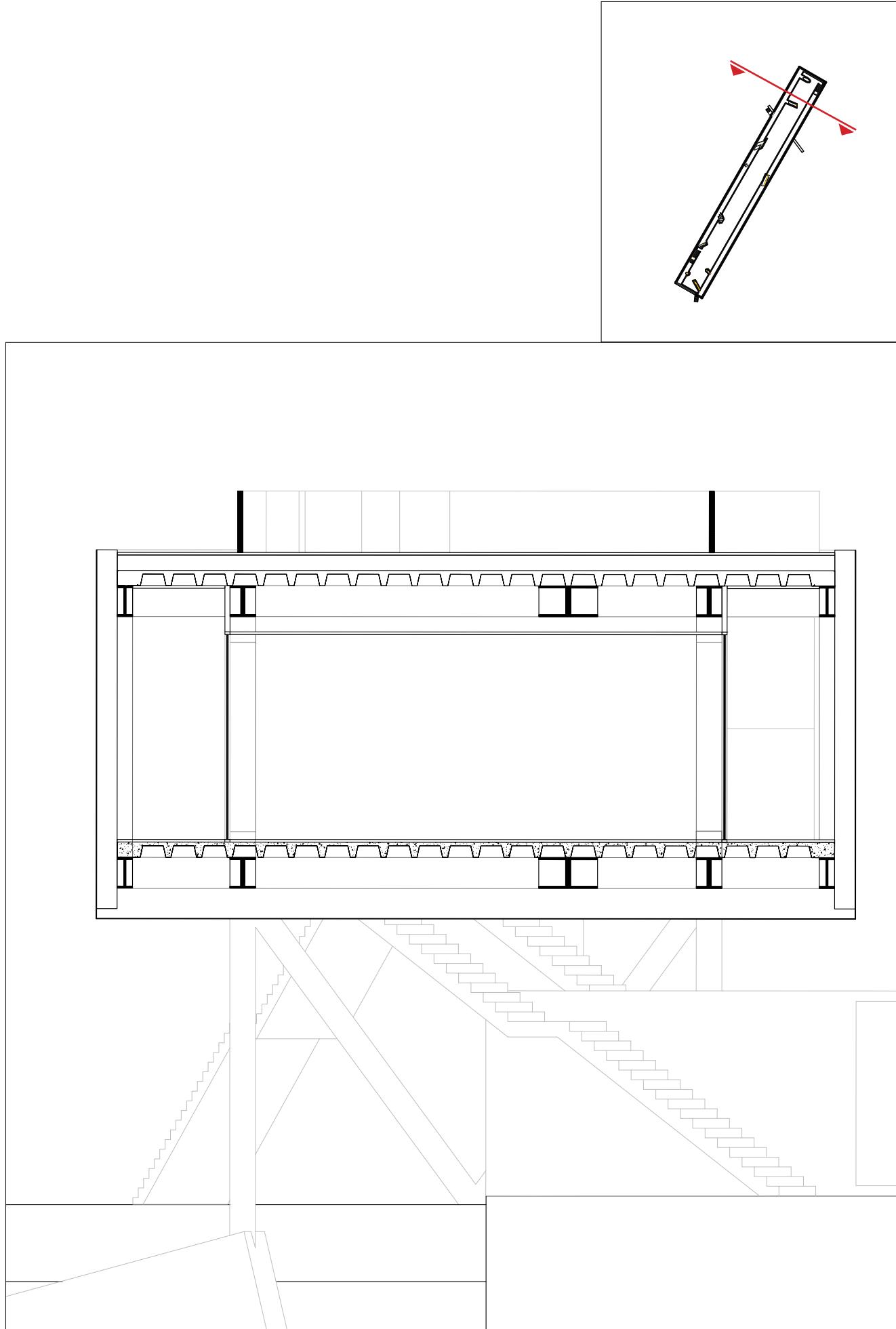
Brass Sheets

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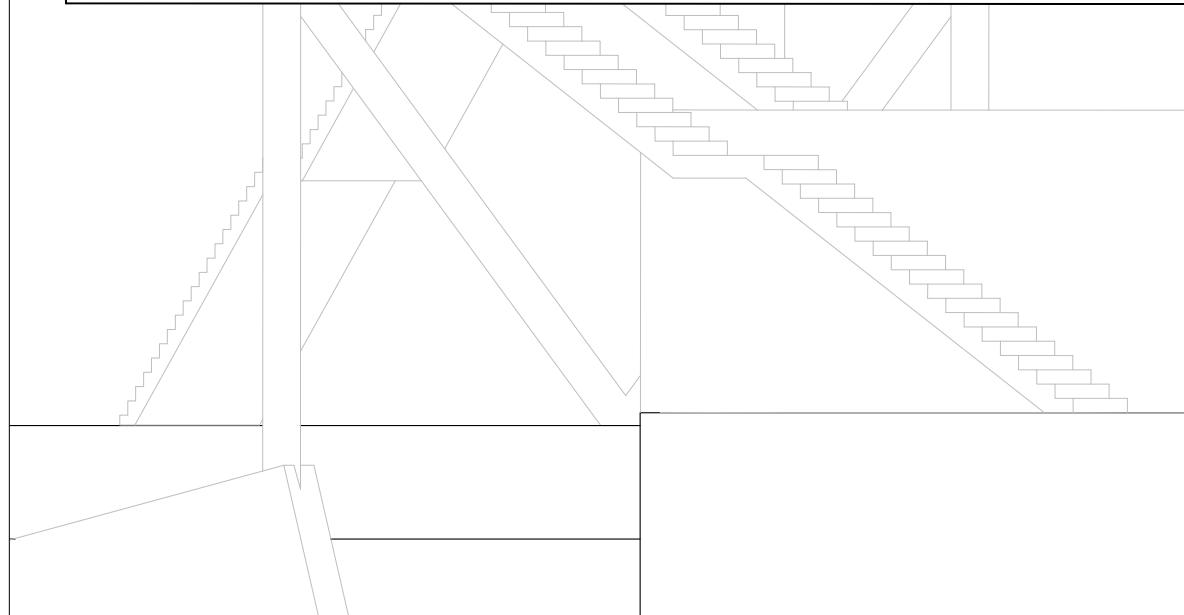
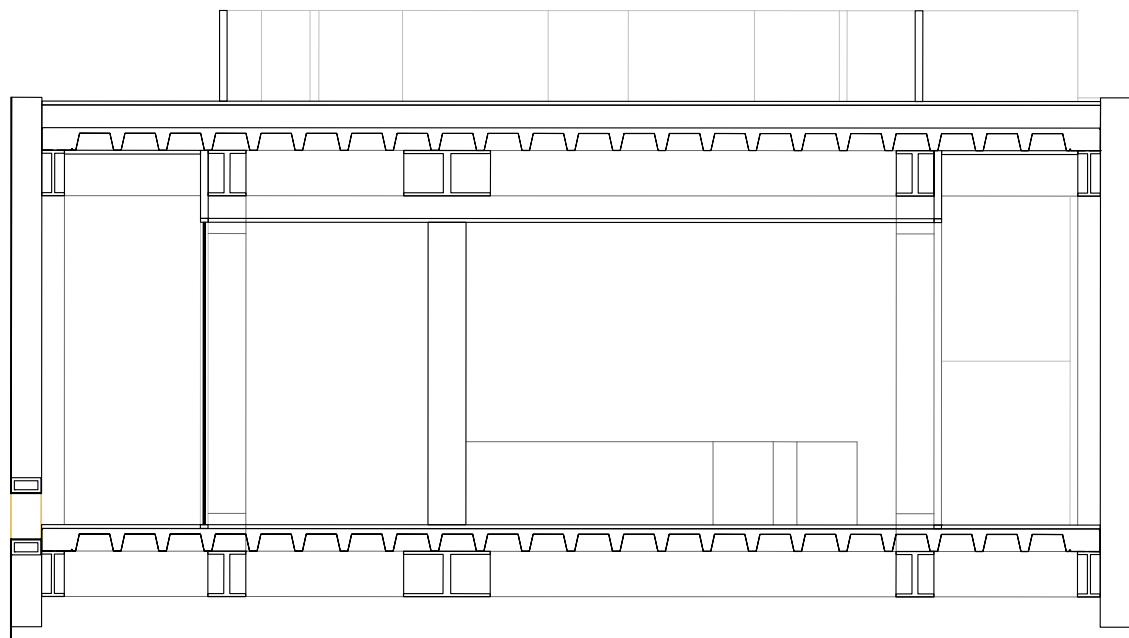
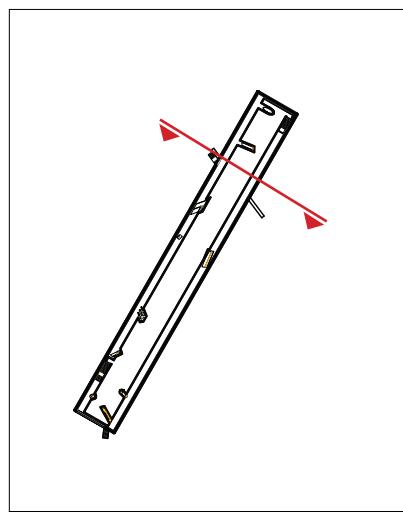


INTERVENTION

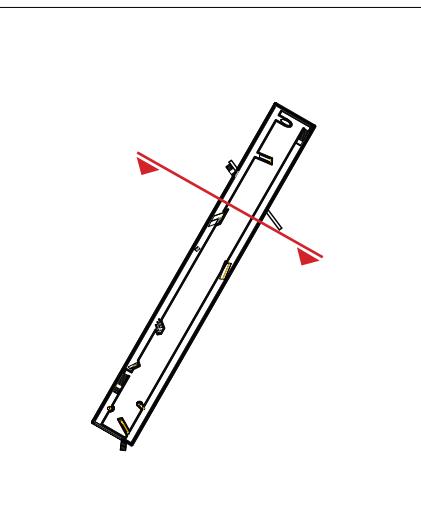
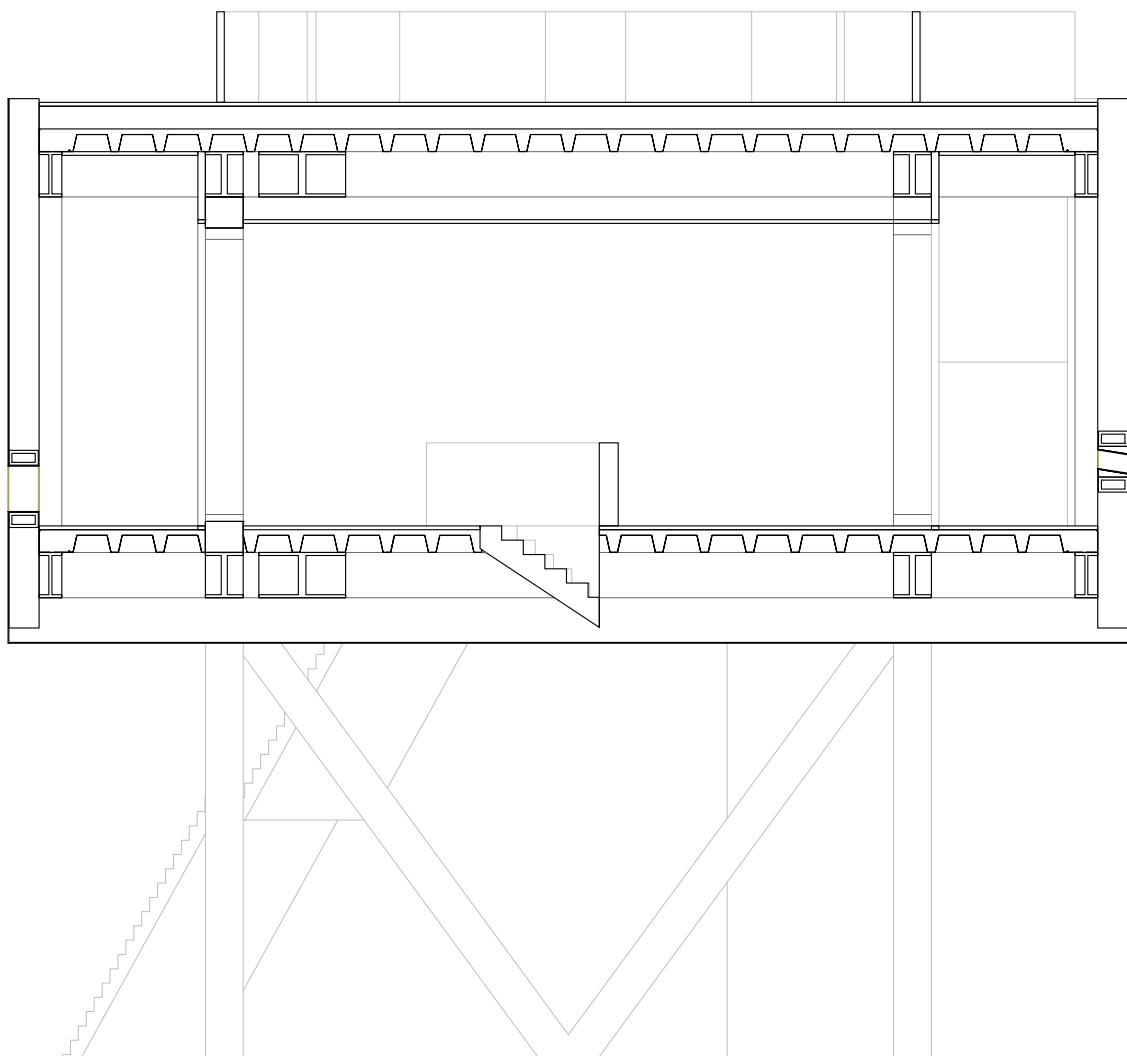
V Cross Section
1:100



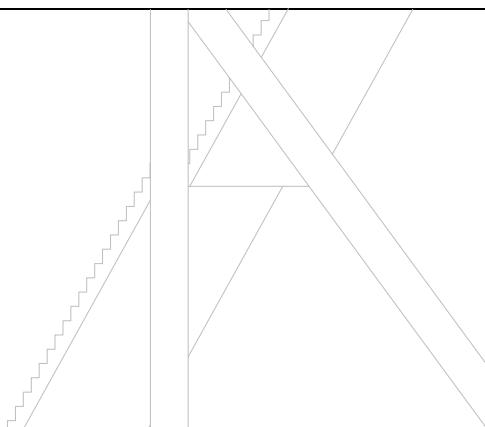
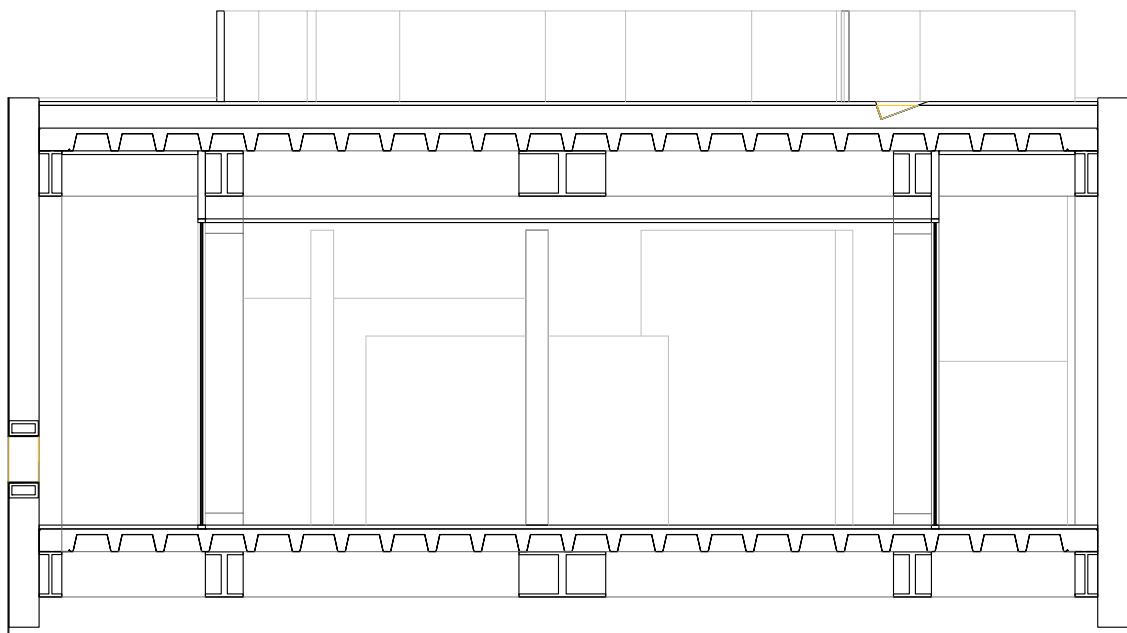
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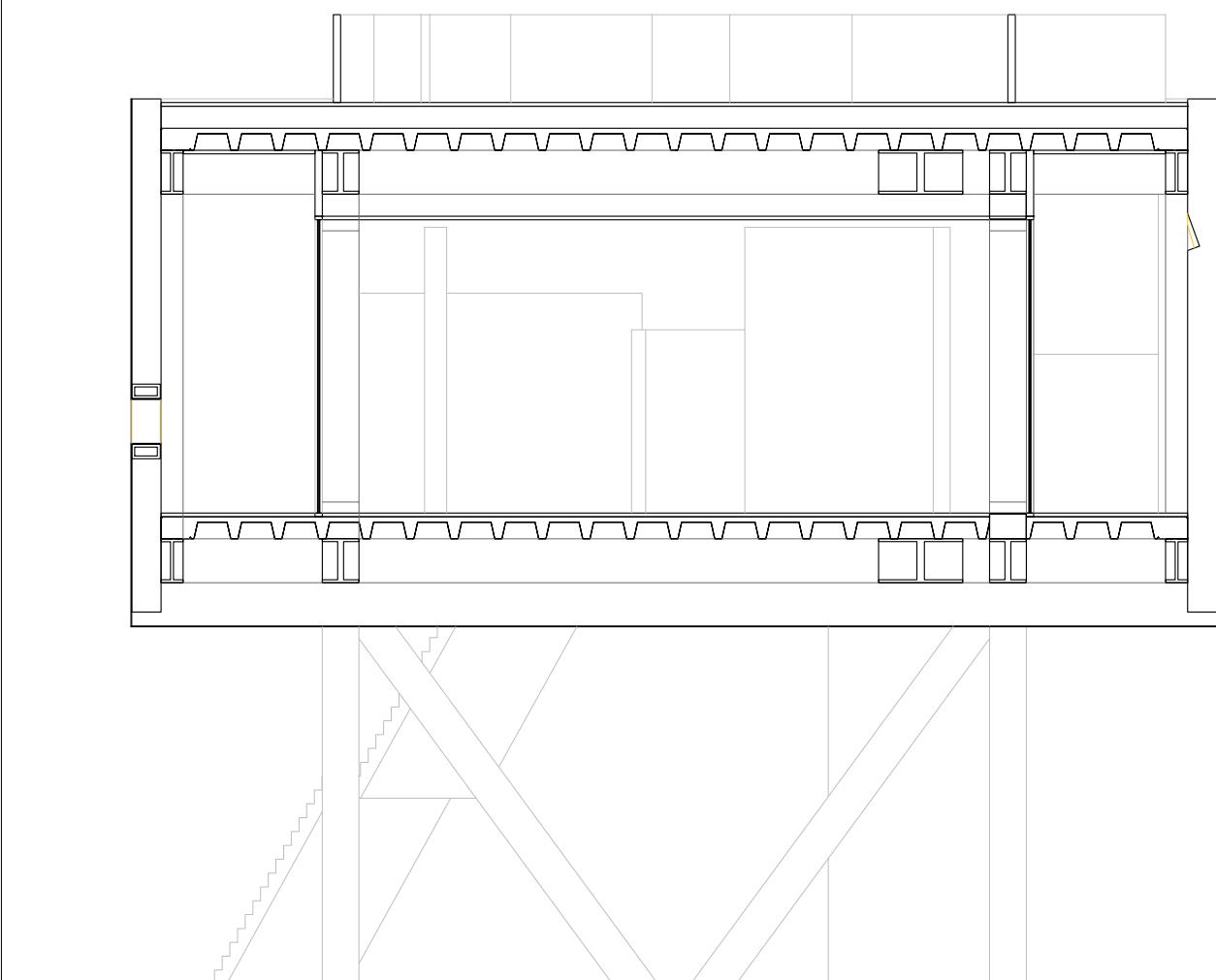


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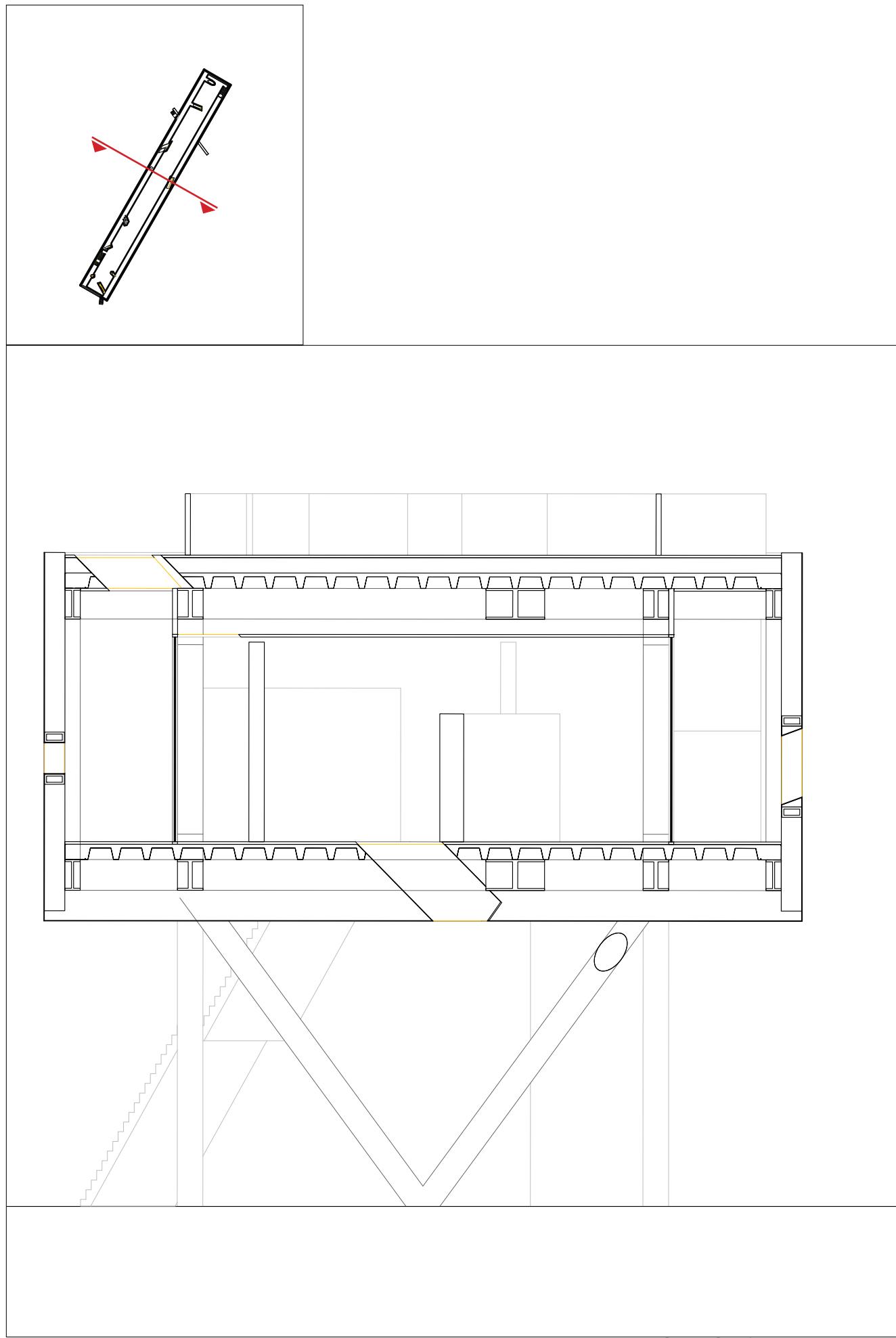


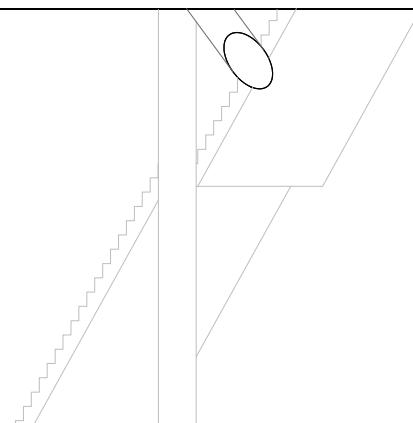
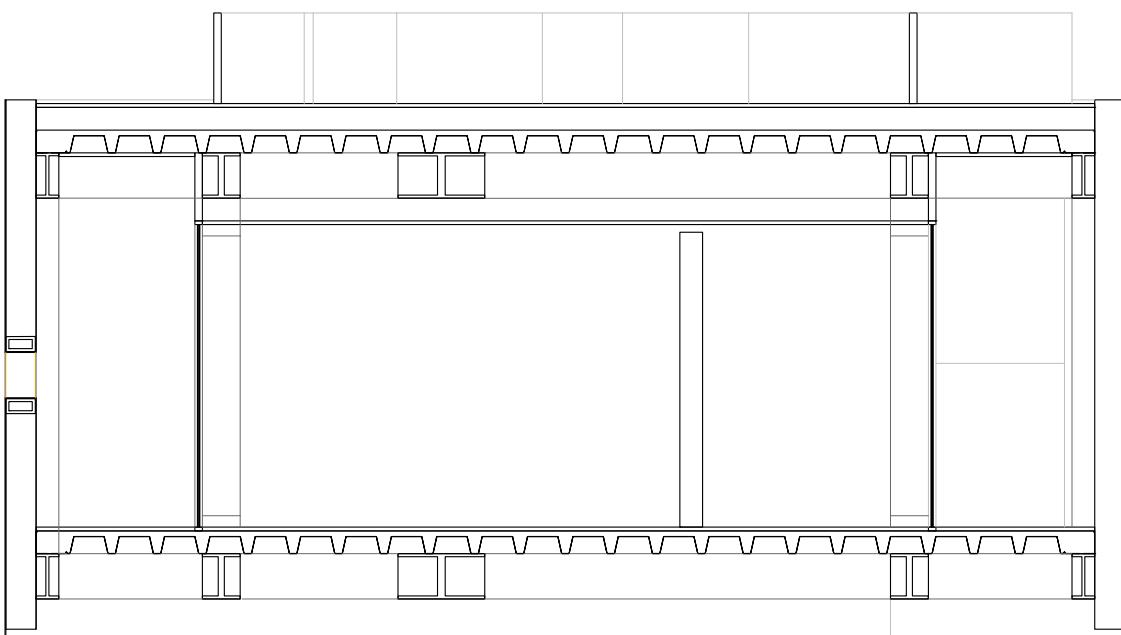
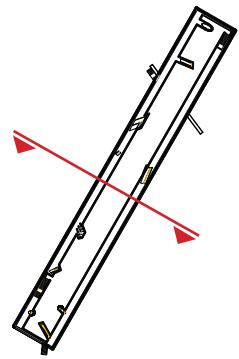
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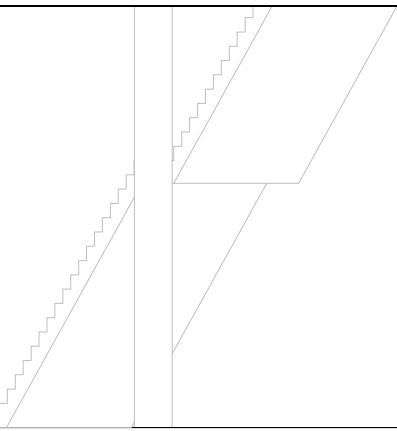
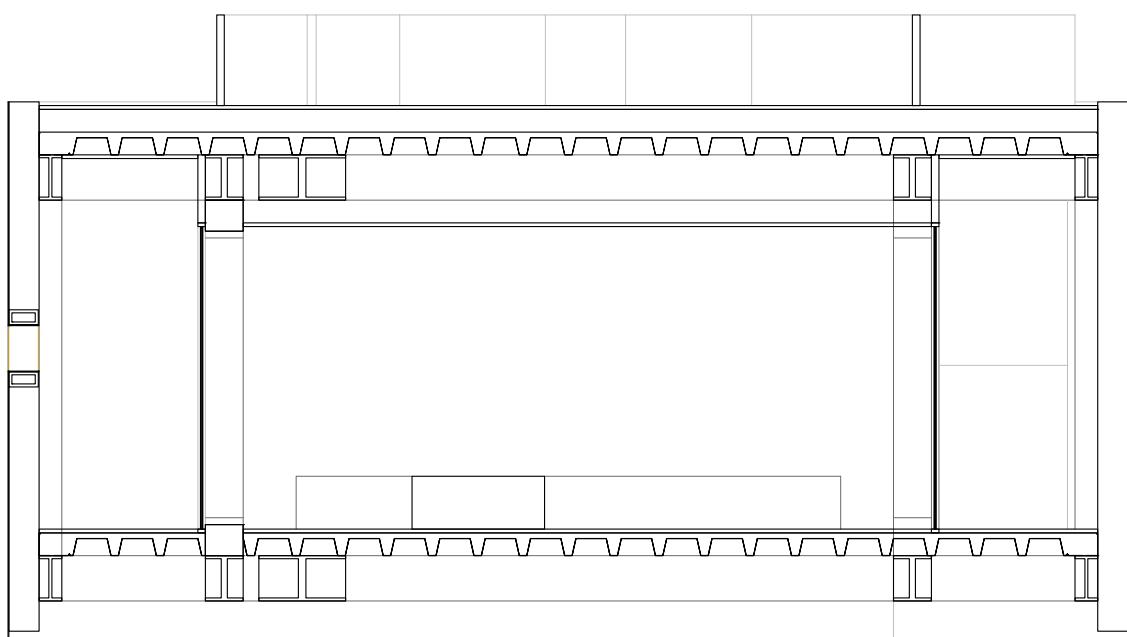


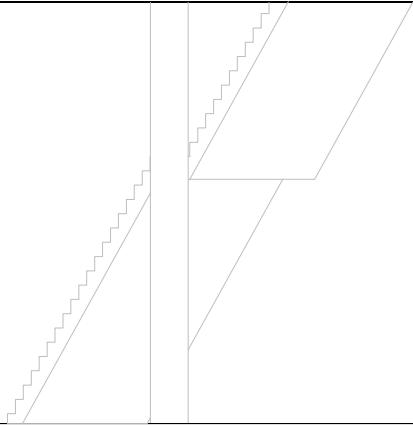
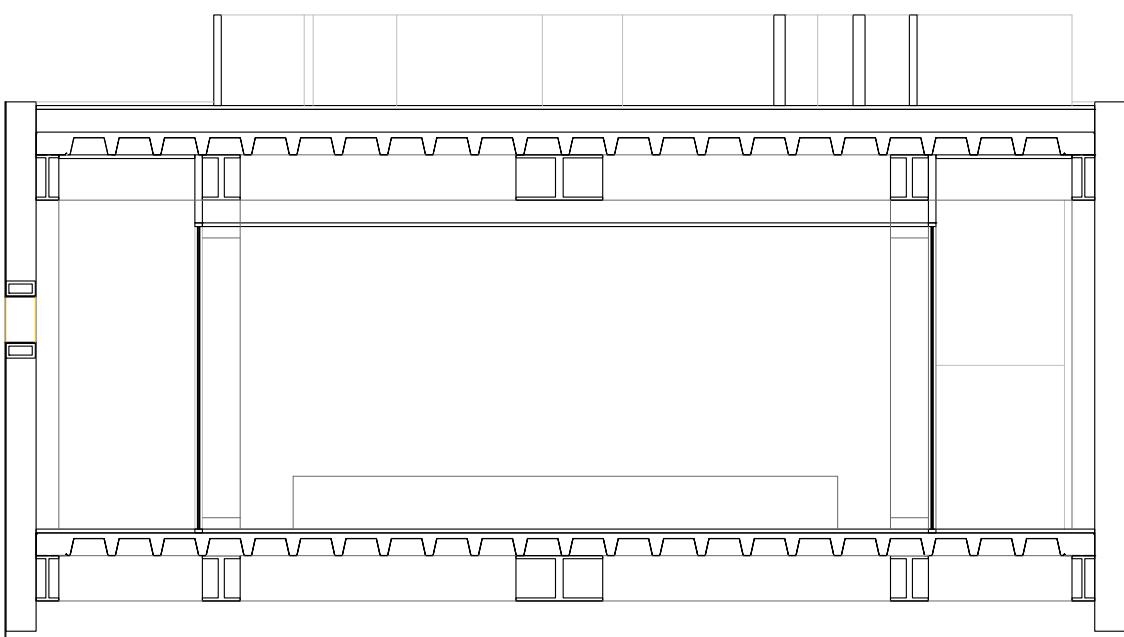
V Cross Section
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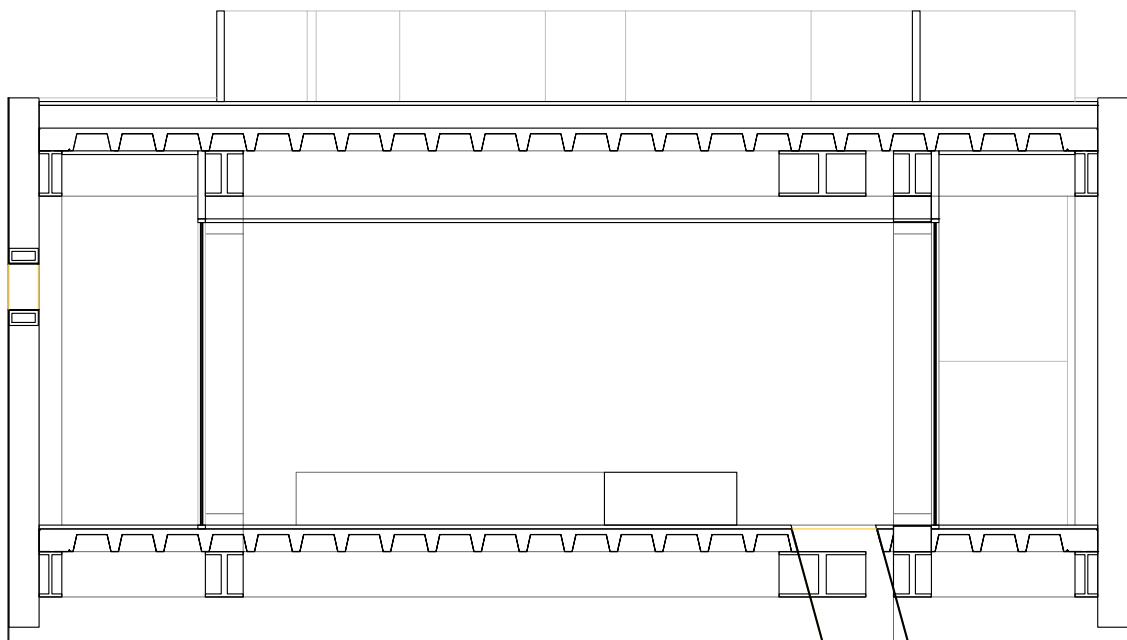
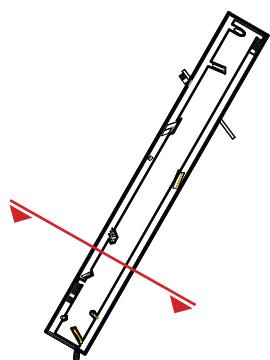
V Cross Section
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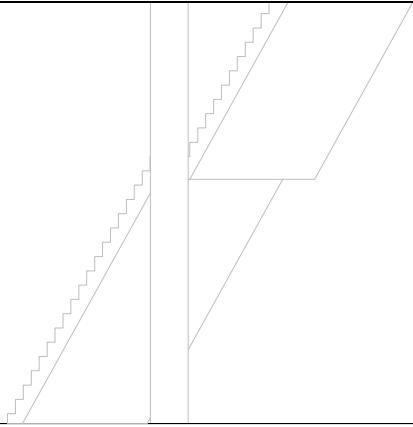
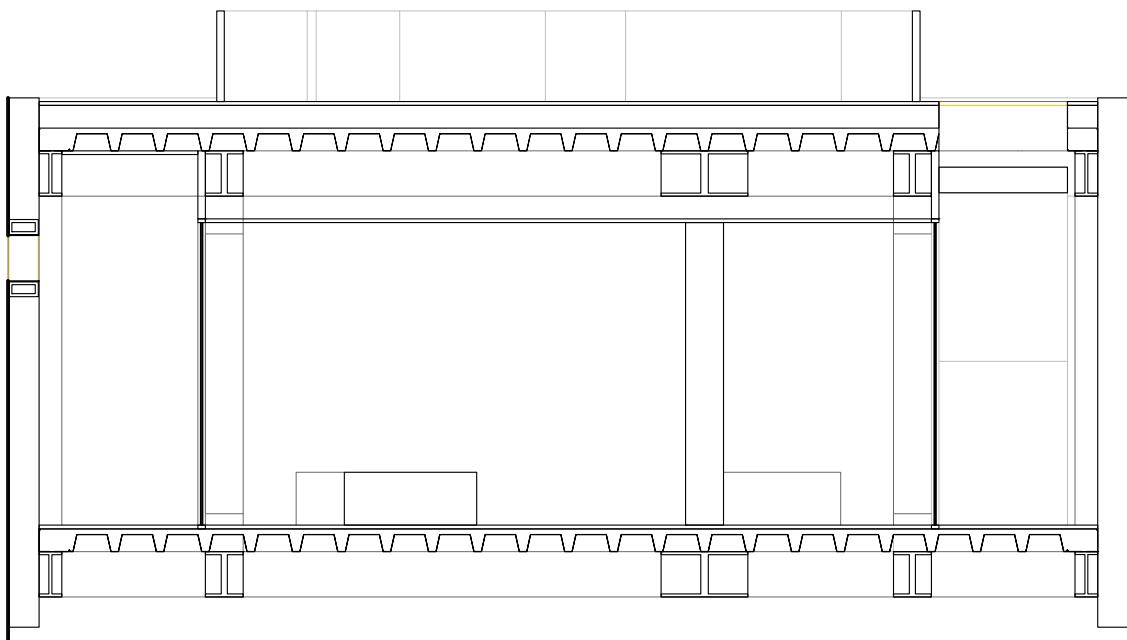
V Cross Section
1:100

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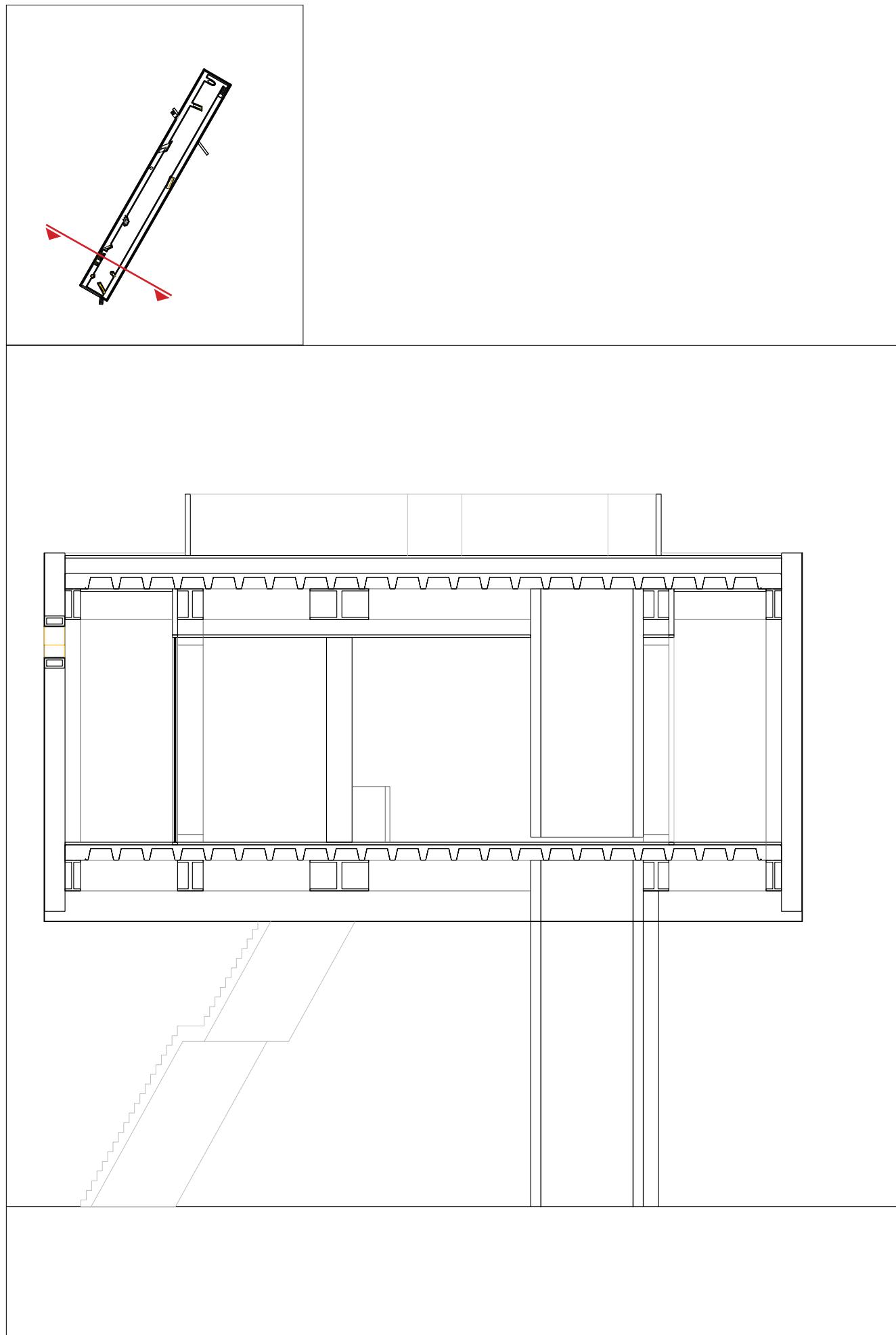


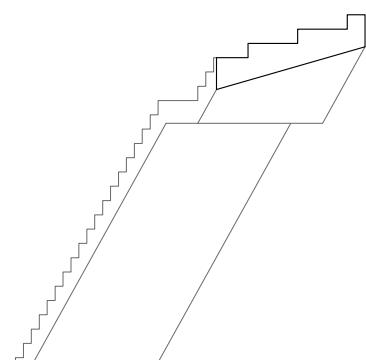
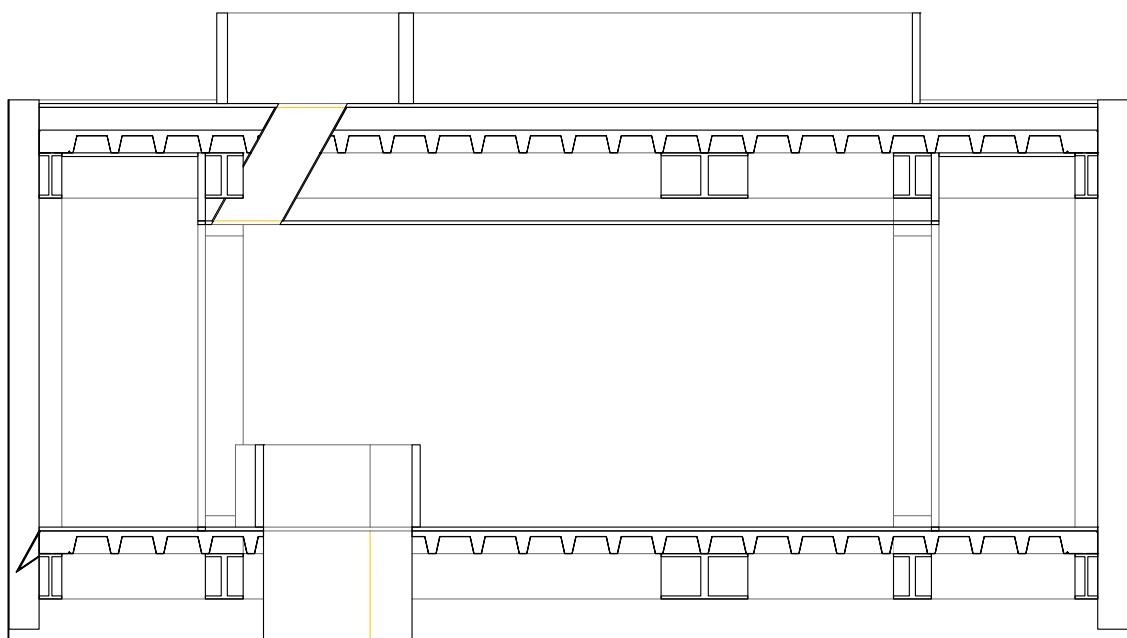
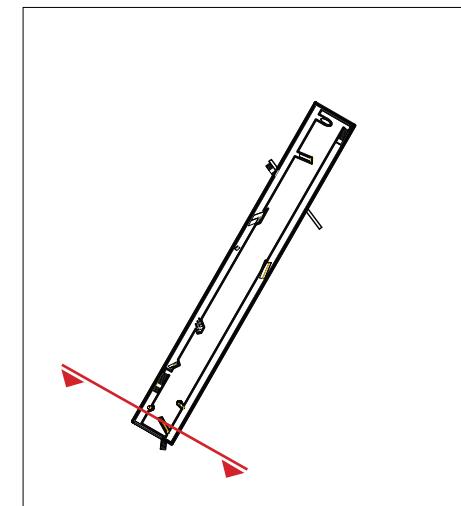
INTERVENTION

V Cross Section
1:100

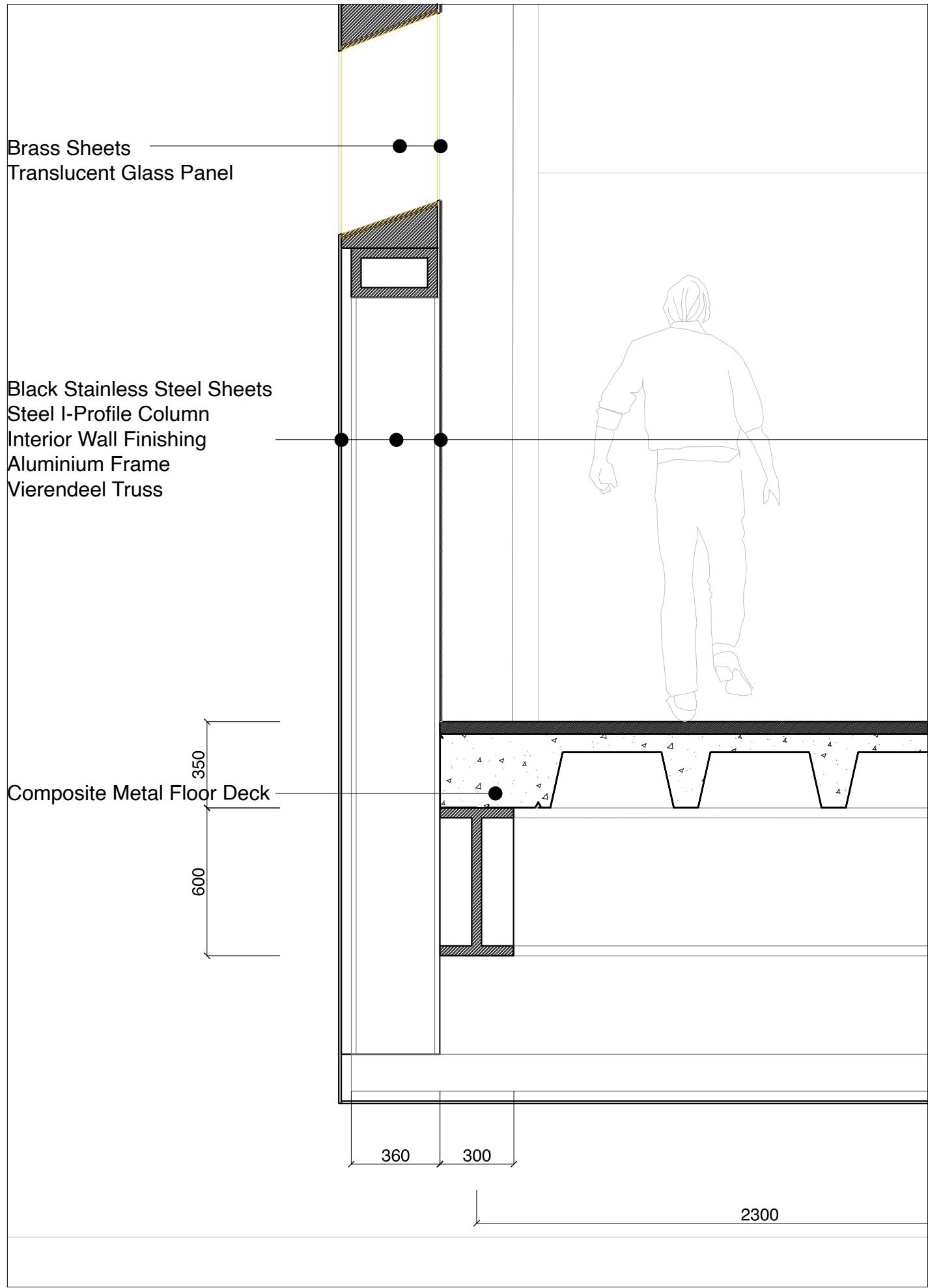


↙ Cross Section
1:100

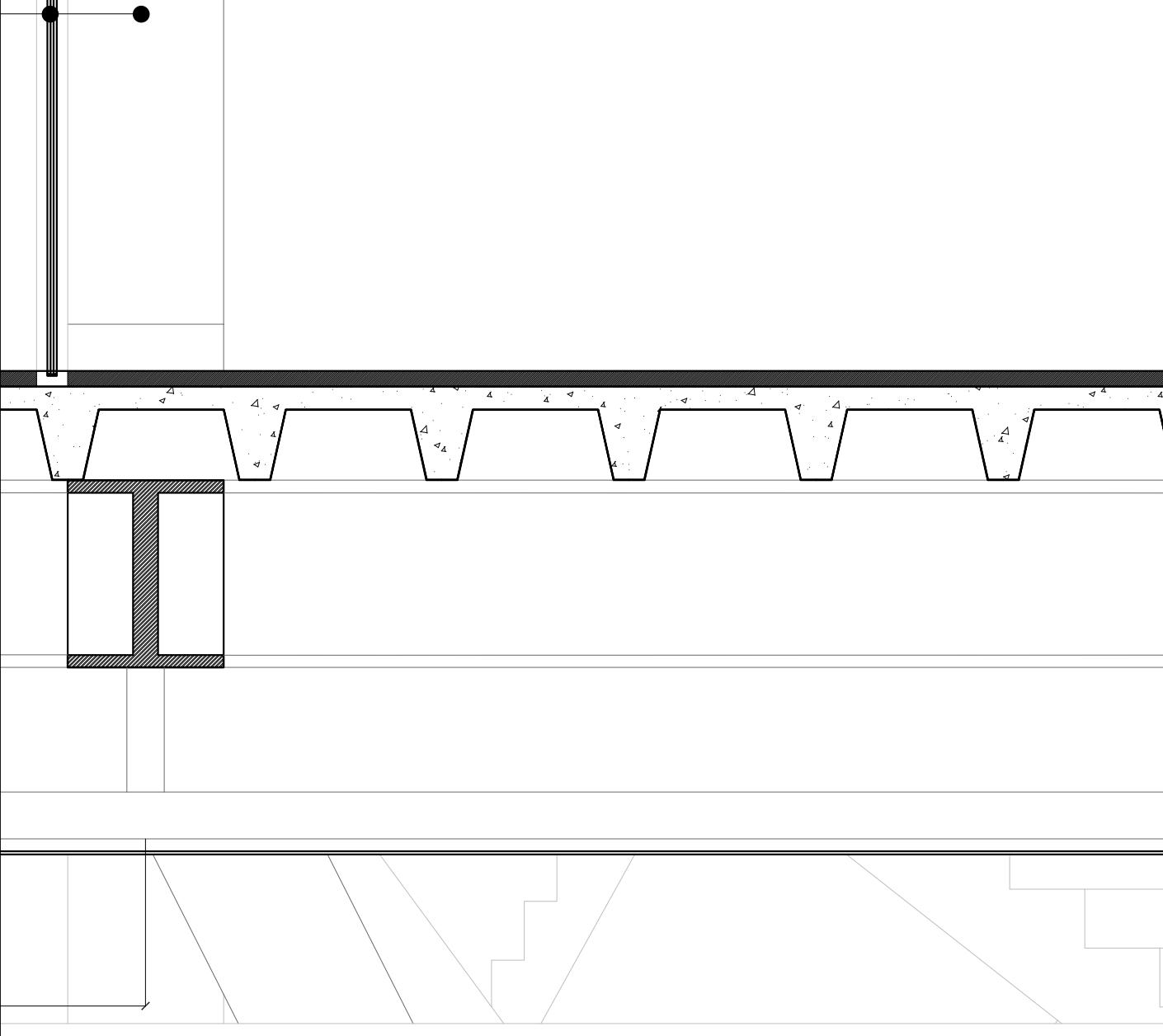




▽ Cross Section
1:100



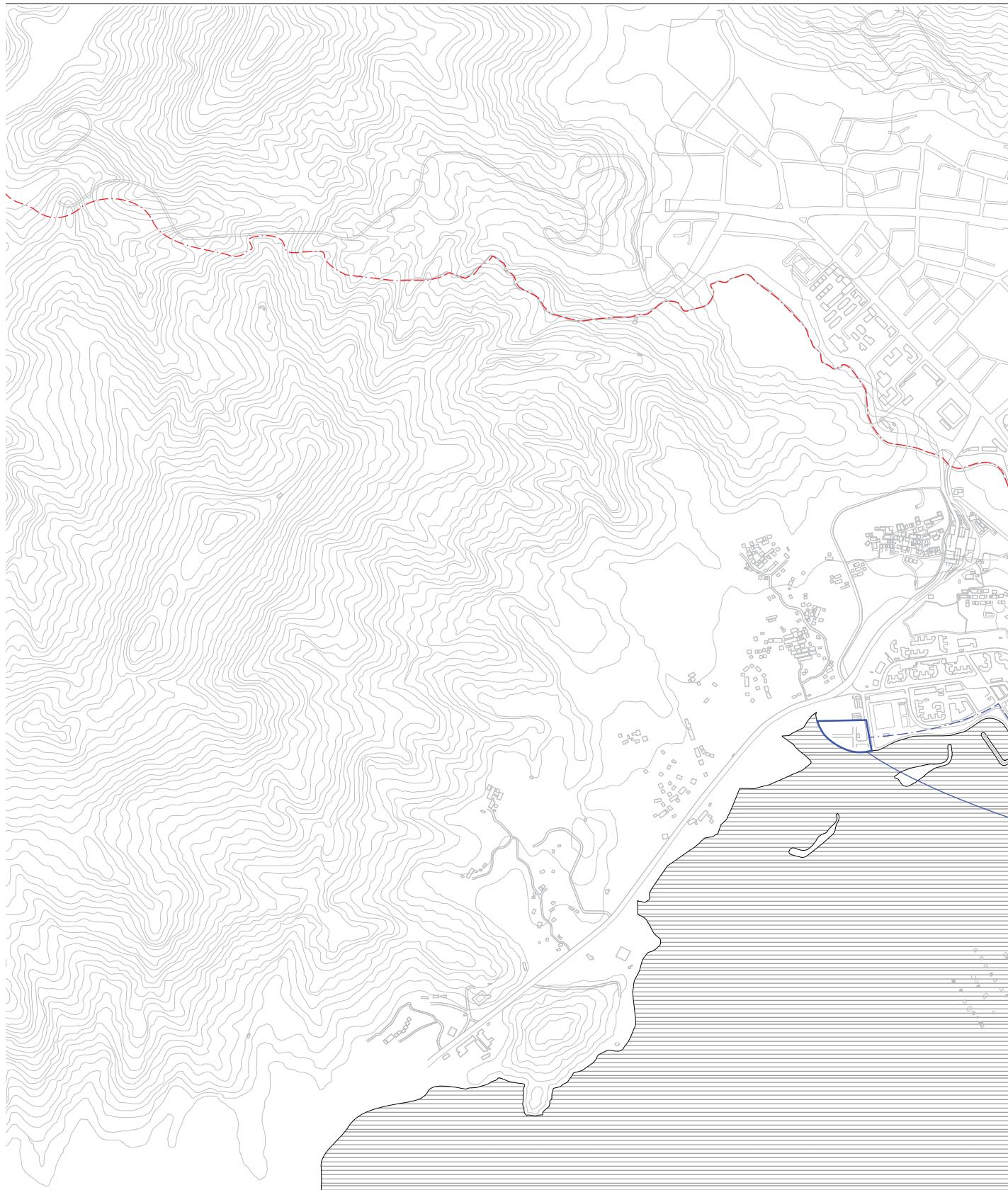
 Steel
 Concrete
 Concrete finishing

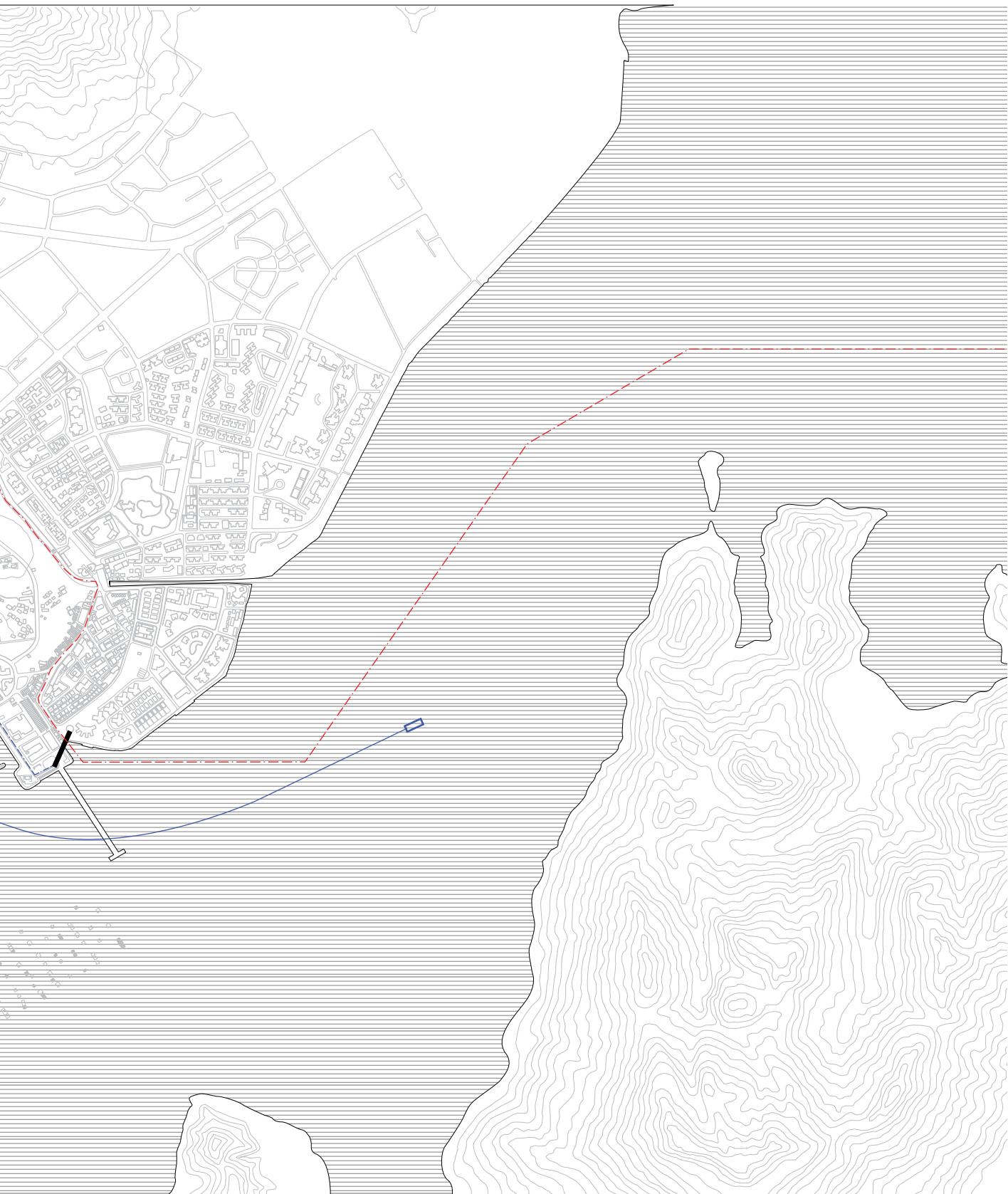


W Facade Segment
1:20





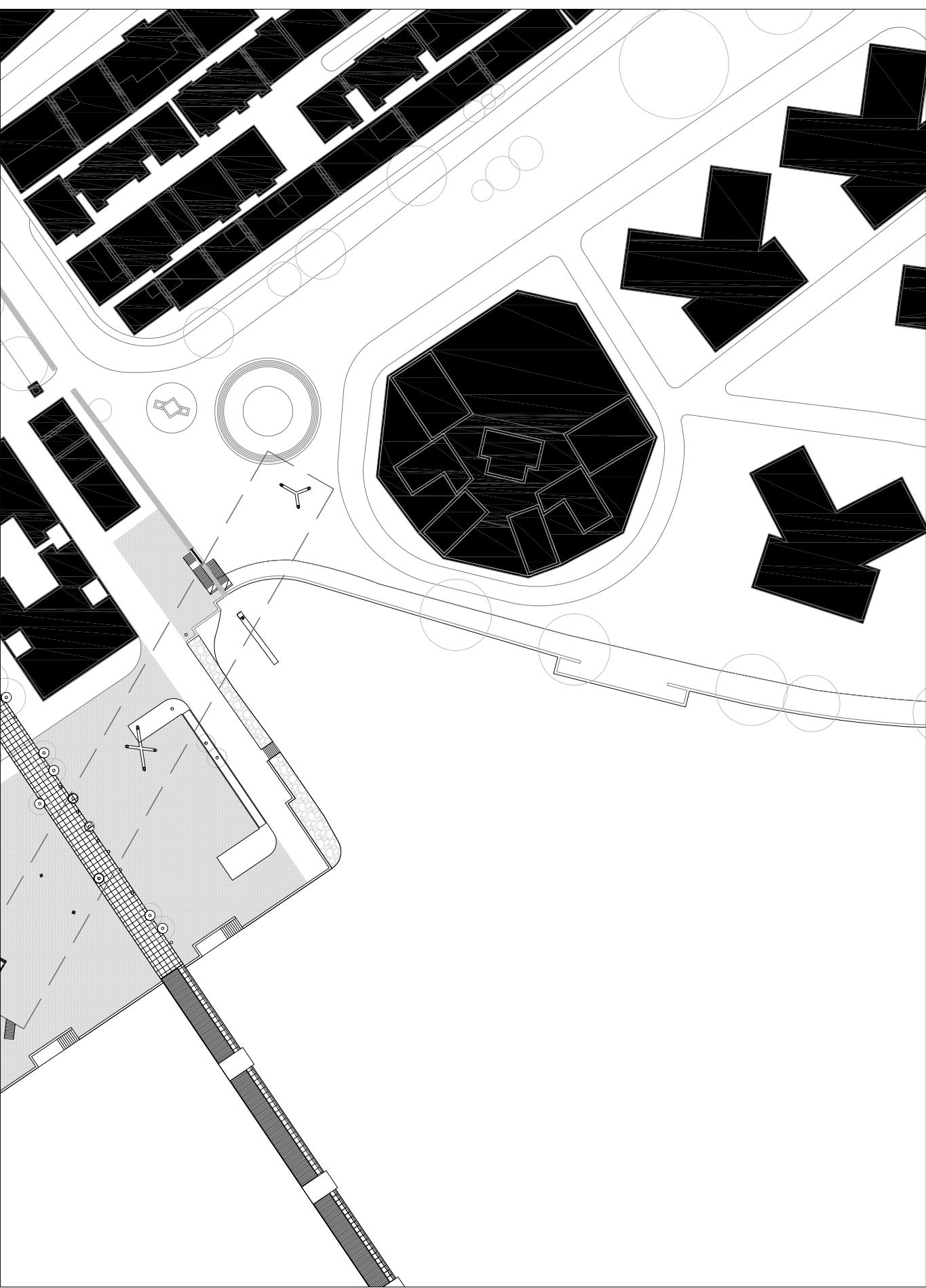


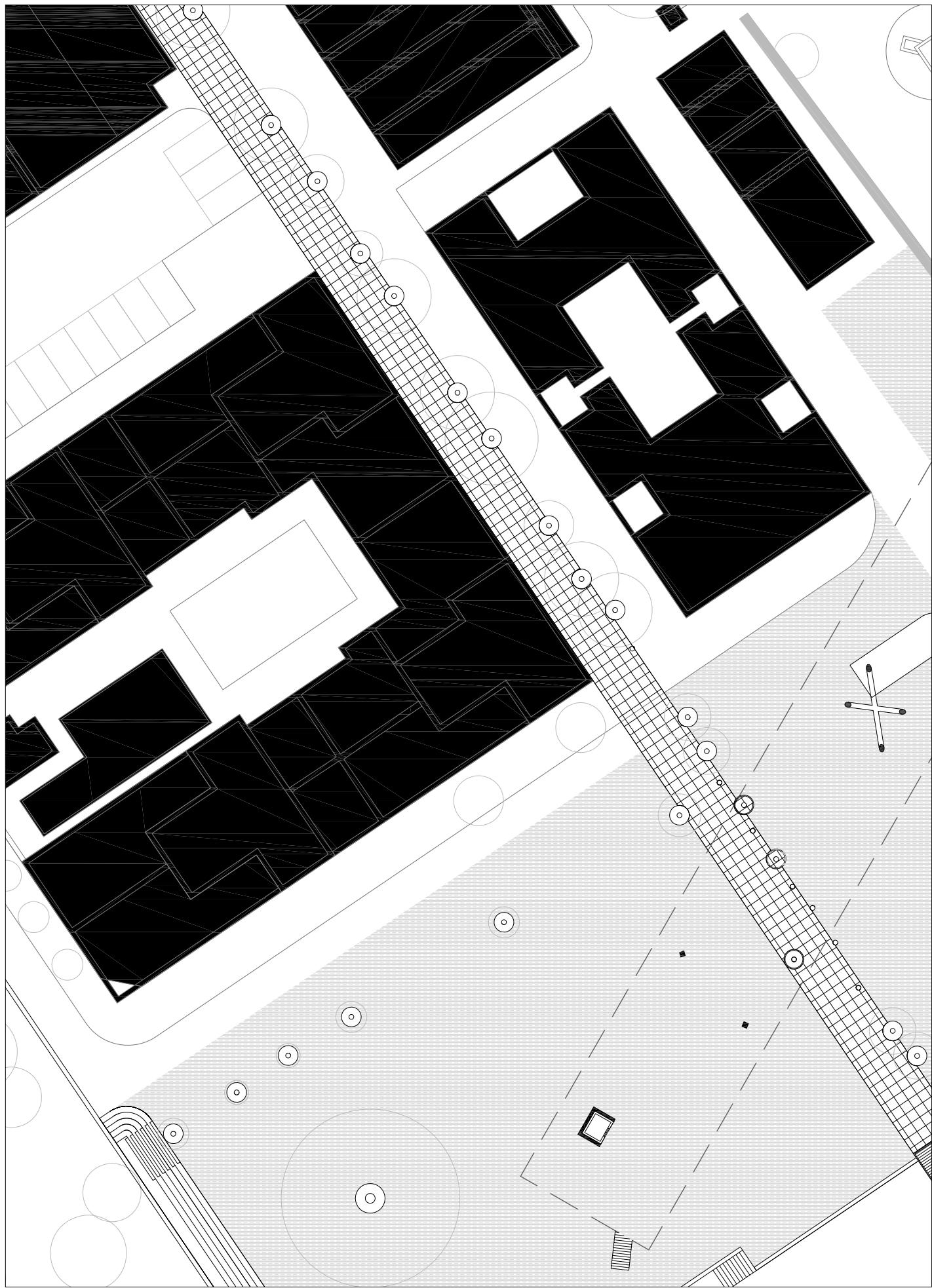


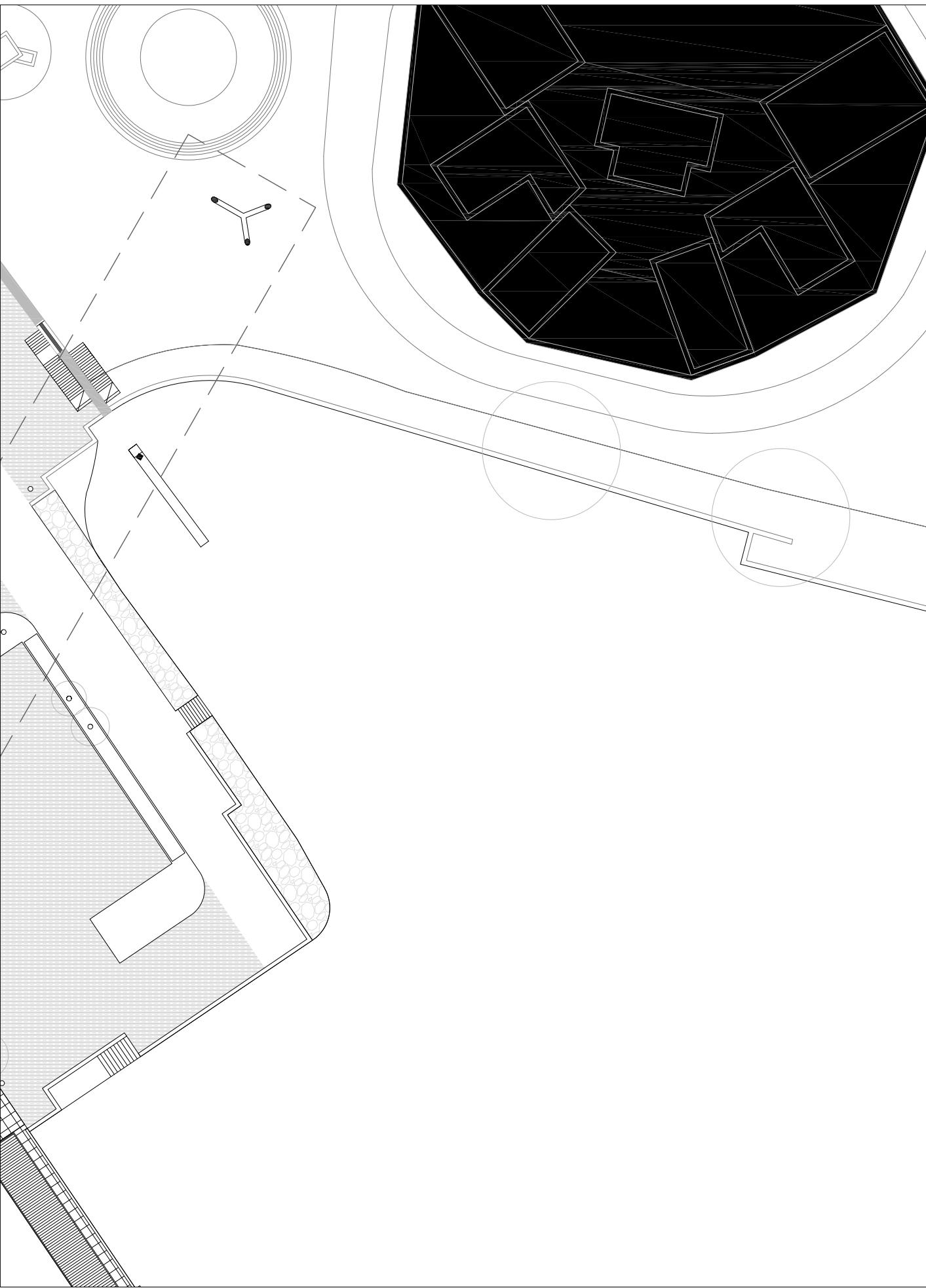
X Sea Water Air Conditioning Pump
1:15000

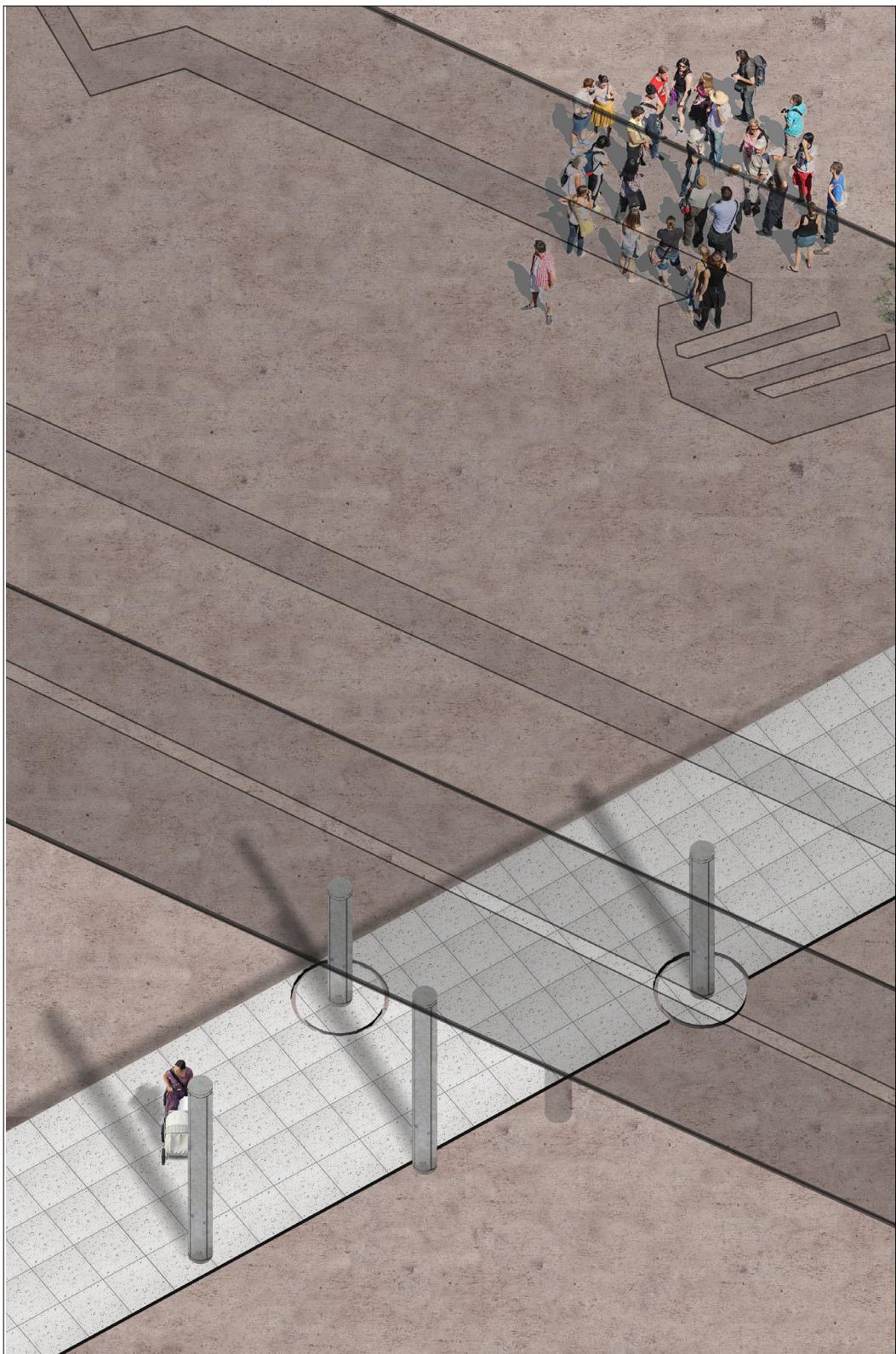
LANDSCAPE



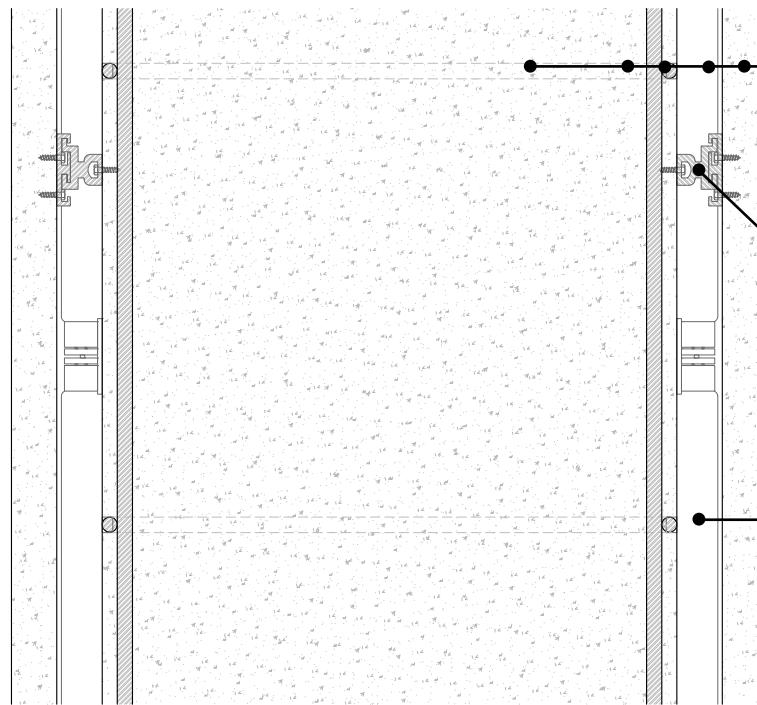
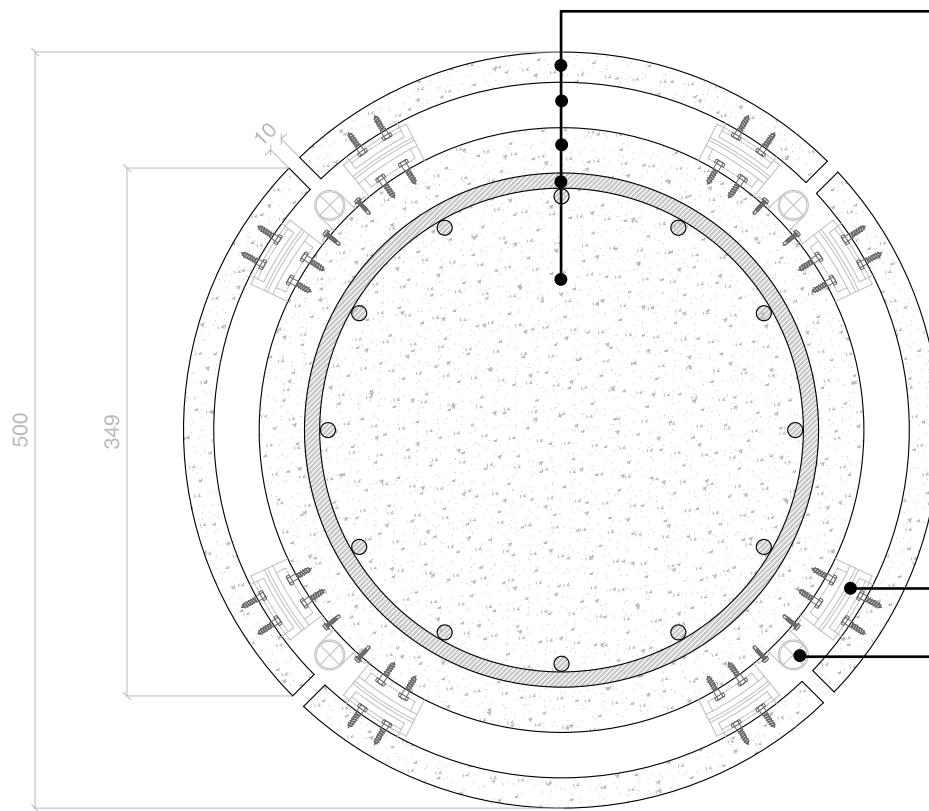












- Precasted Concrete Panel (20 mm)
- 30 mm Gap for Installments
- Layer of Concrete Cover
- Steel Reinforcements
- Prefabricated Concrete Column

- Installment for Suspending Outer Concrete Panels

- TL Light

- Precasted Concrete Panel (20 mm)

- 30 mm Gap for Installments

- Layer of Concrete Cover

- Steel Reinforcements

- Prefabricated Concrete Column

- Installment for Suspending Outer Concrete Panels

- TL Light





Market Axis

Terrazzo

**Secondary Axis**

Concrete



**Square**

Rammed Earth

