

(Re)unite

**Transformation of an industrial heritage
structure in Longyearbyen.**

By

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Current situation
Exterior



Current situation
Exterior



Current situation
Exterior



Current situation
Interior



Current situation
Interior



Current situation
Interior



Current situation
Interior



Current situation
Interior



Current situation
Interior



Current situation
Interior



Current situation
Interior



Collage
Split between past & future



Inherent activities
Summer



Inherent activities
Winter

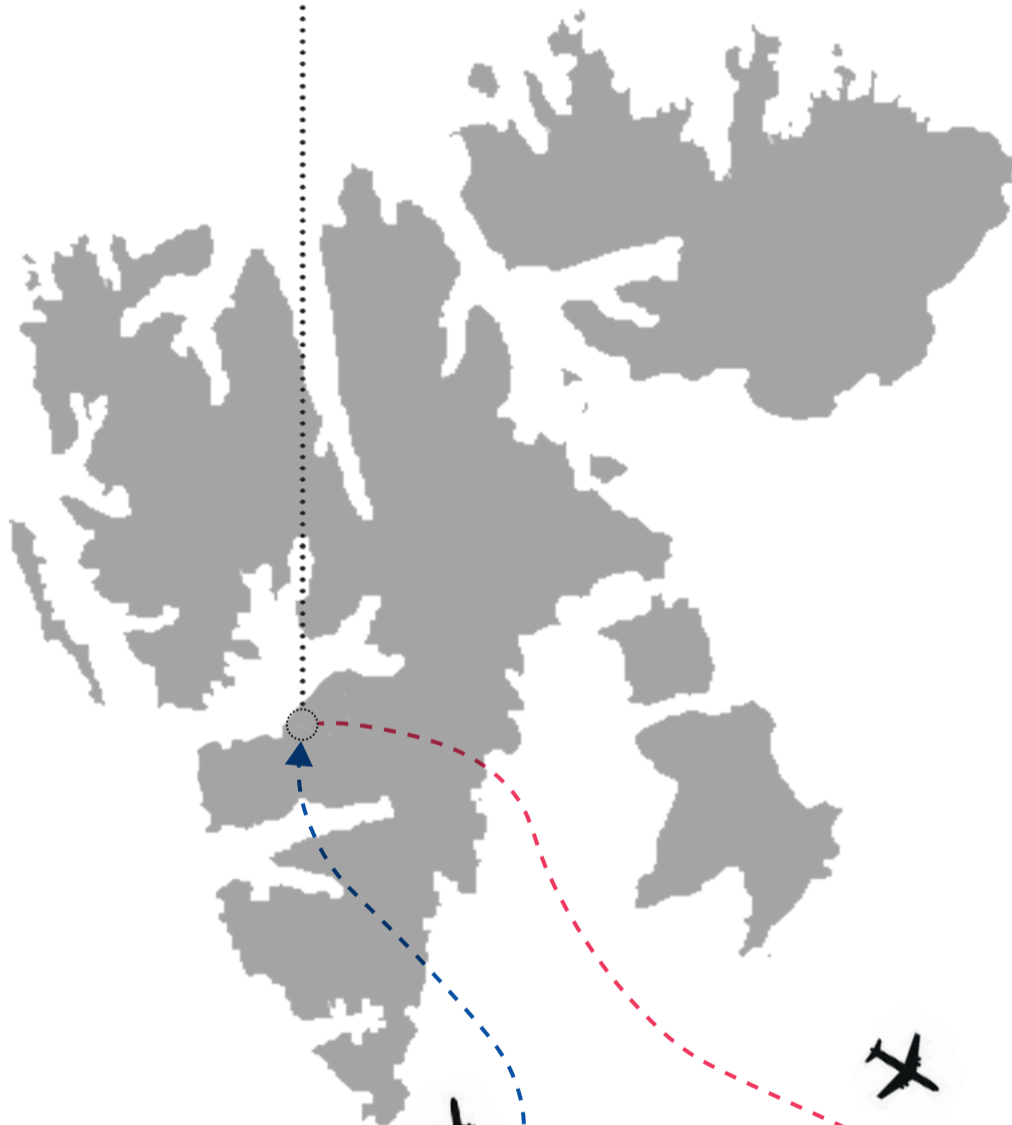
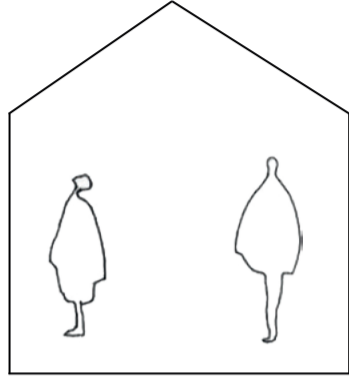


Turnover rate
Longyearbyen

The norwegian settlements
in Svalbard have about:

2000

..inhabitants at any given time



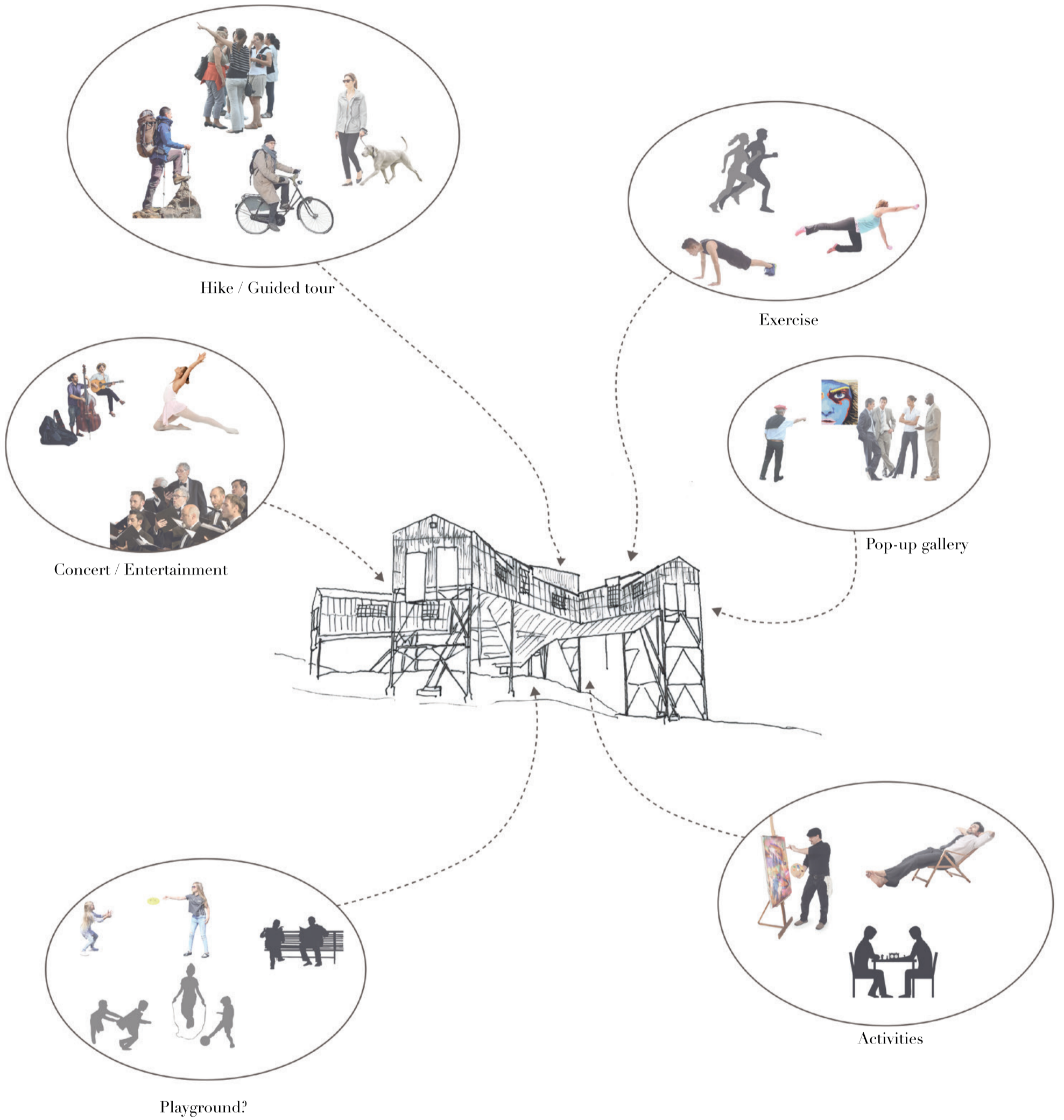
Roughly
400
..move out every year;

And
400
move to Svalbard every year;

which give a turnover rate of:
20%
..every year;

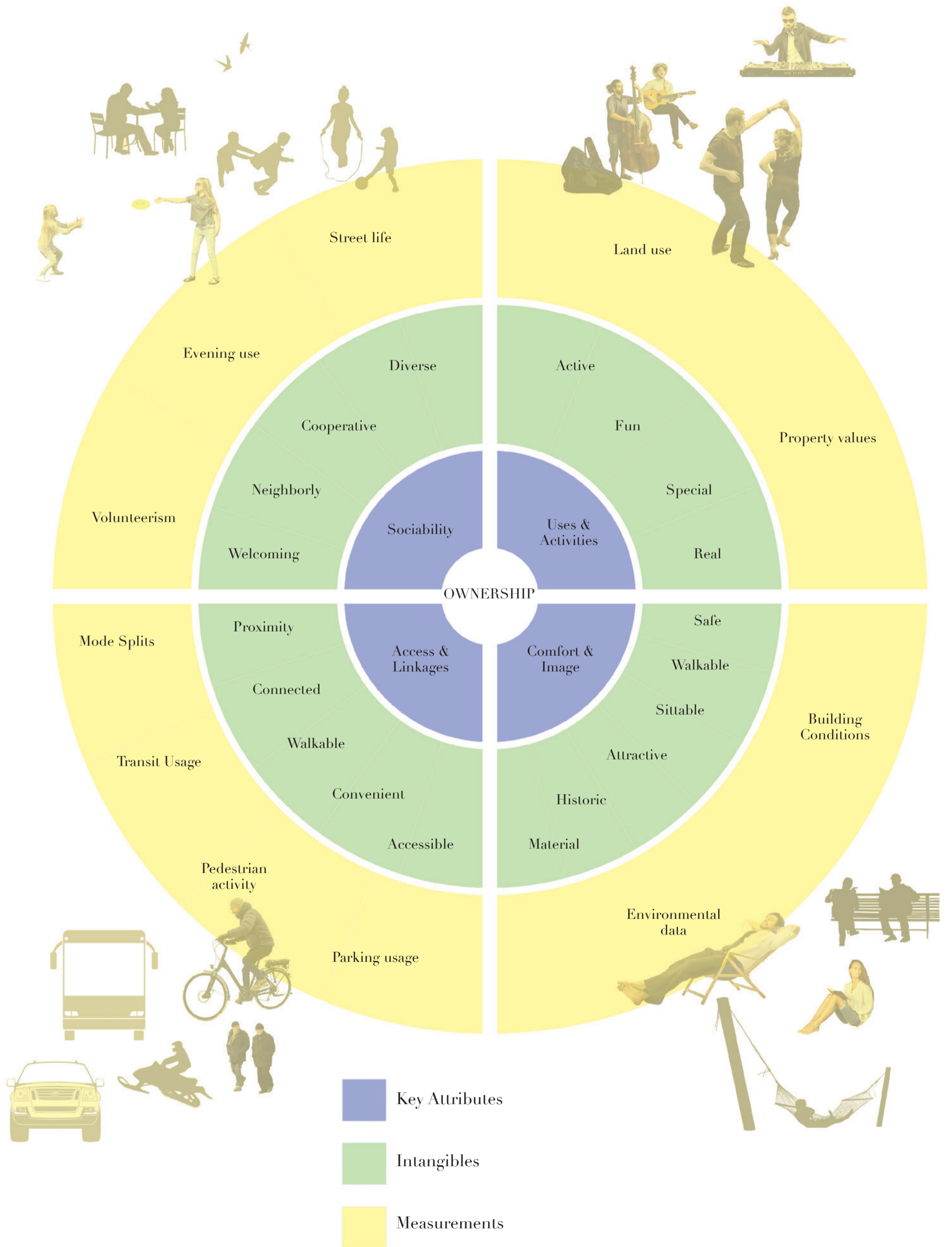


Mixed-use based on inherent activities
Activities

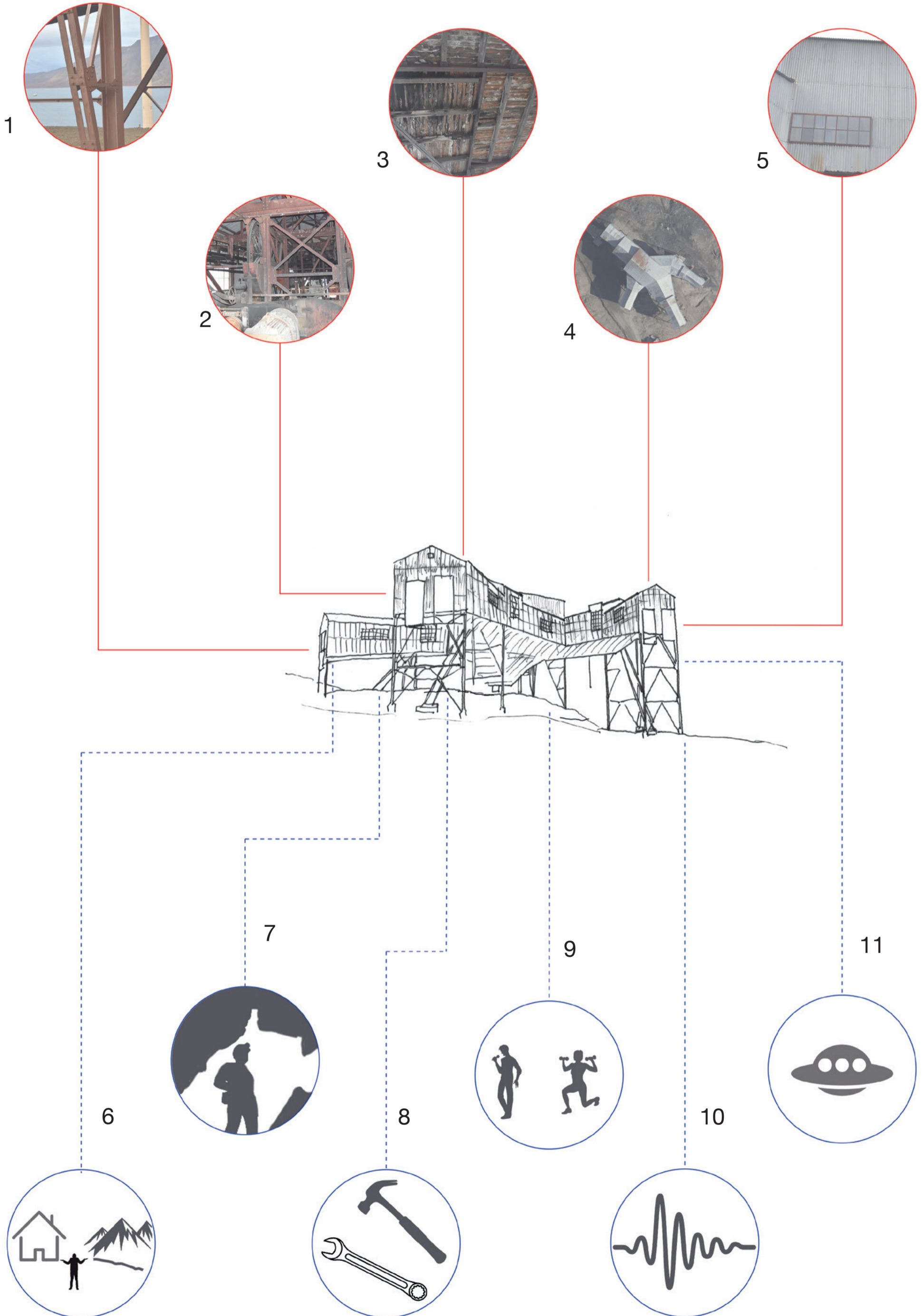


Ownership

Does it need to fulfill all these criteria?



Tangible & intangible elements
Value assessment



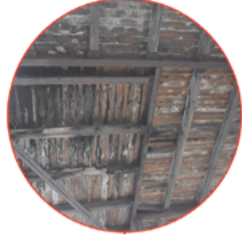
Tangible & intangible elements
Value assessment



1 The Main Steel Construction



2 The Machinery



3 Timber Flooring



4 The Shape



5 Exterior - corrugated metal panels



6 Inside / Outside



7 Light / Darkness



8 Craftmanship



9 Social Activities



10 Sound



11 Alien (expression)

1.The main steel construction
Current situation



1. The main steel construction

What is the value of the steel construction?



2. The machinery

Current situation



2. The machinery

What is the value of the machinery?



3. Timber flooring

Current situation



3. Timber flooring

What is the value of the timber flooring?

Experimenting with tiles



3. Timber flooring

What is the value of the timber flooring?

Experimenting with new timber flooring



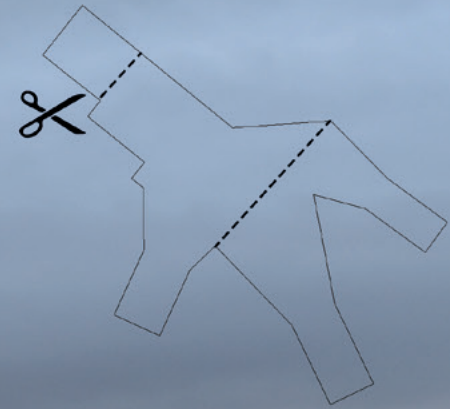
4. The shape

Current situation



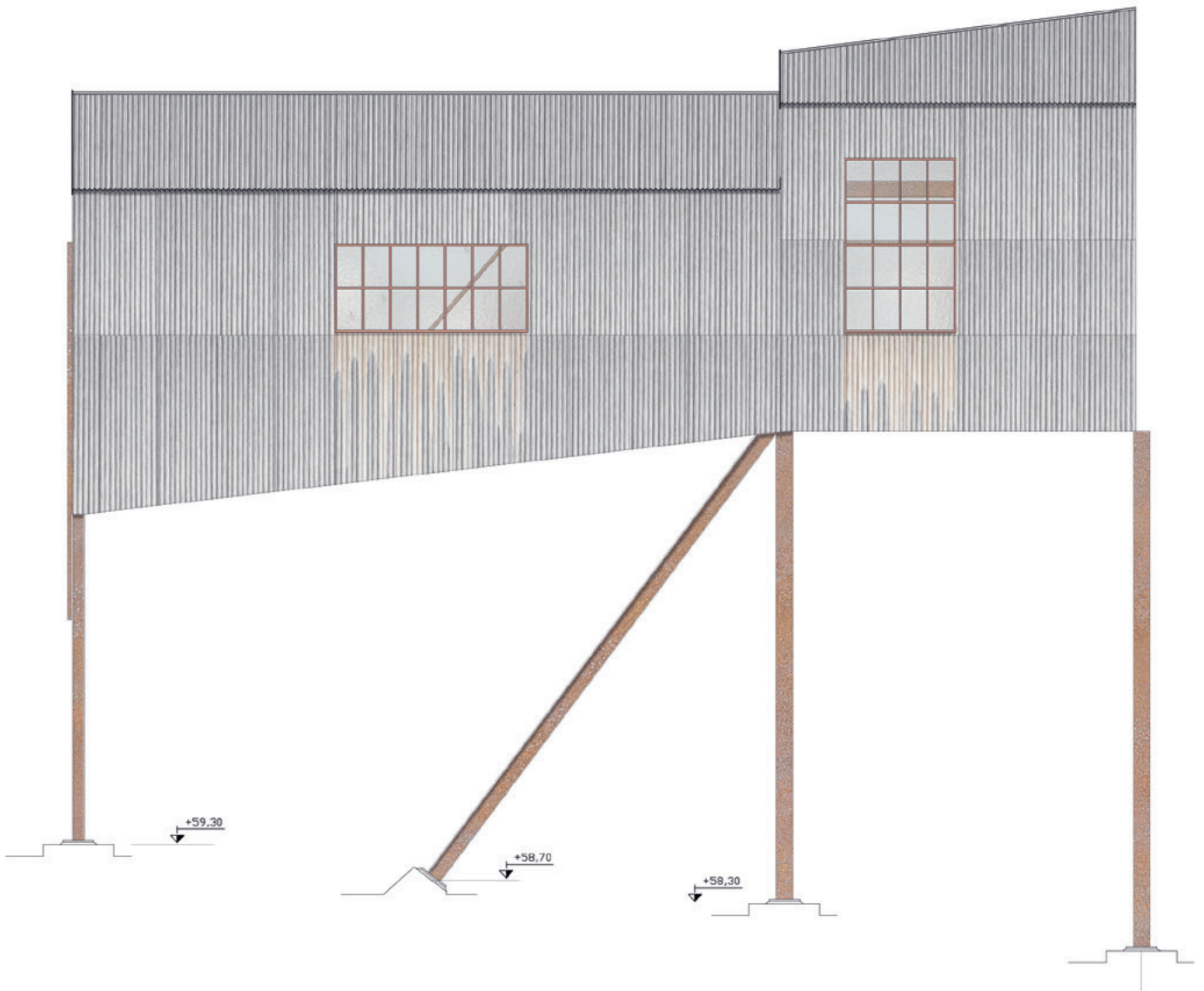
4. The shape

What is the value of the shape?



5. Exterior - corrugated metal panels

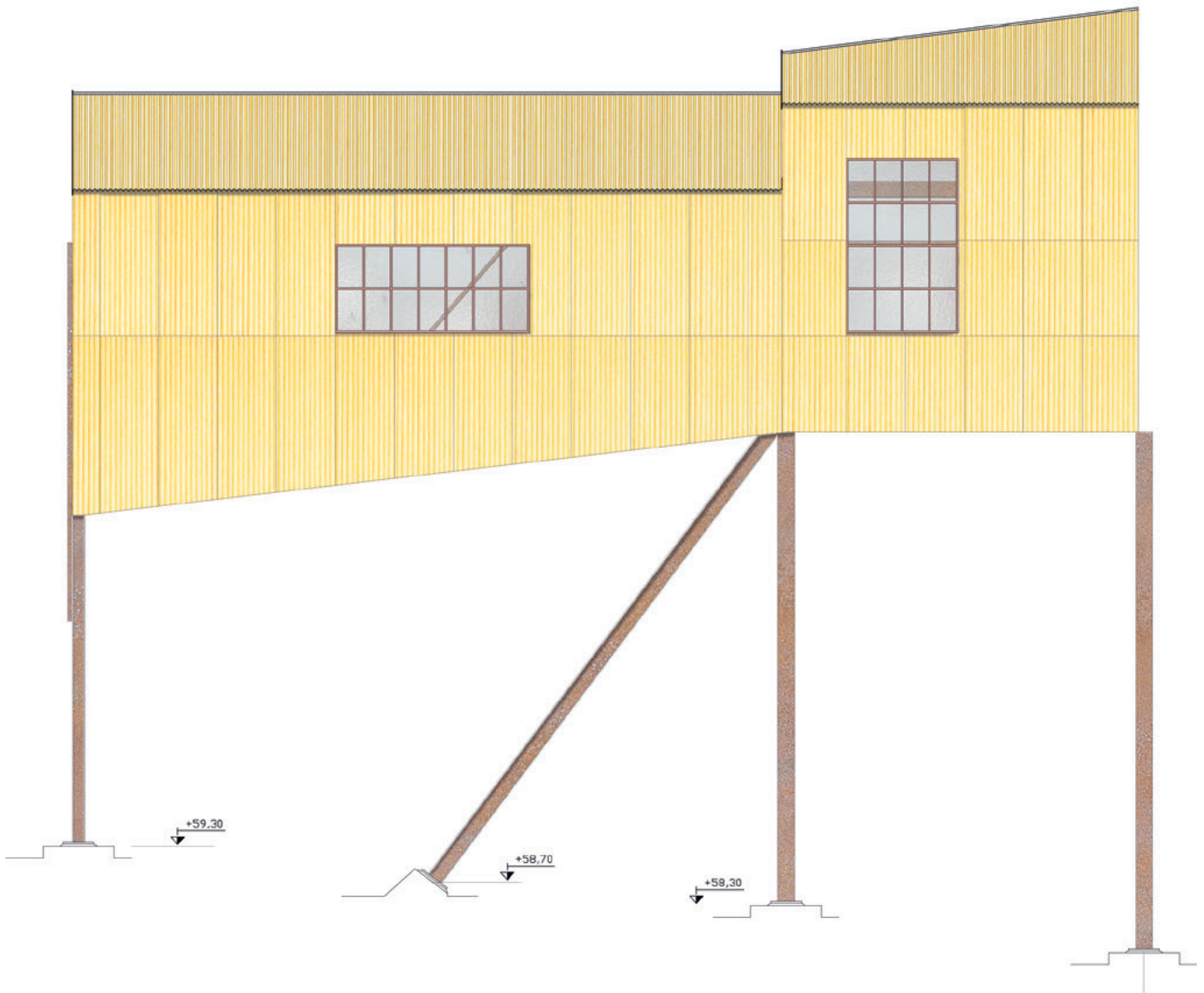
Current situation



5. Exterior - corrugated metal panels

What is the value of the corrugated metal panels?

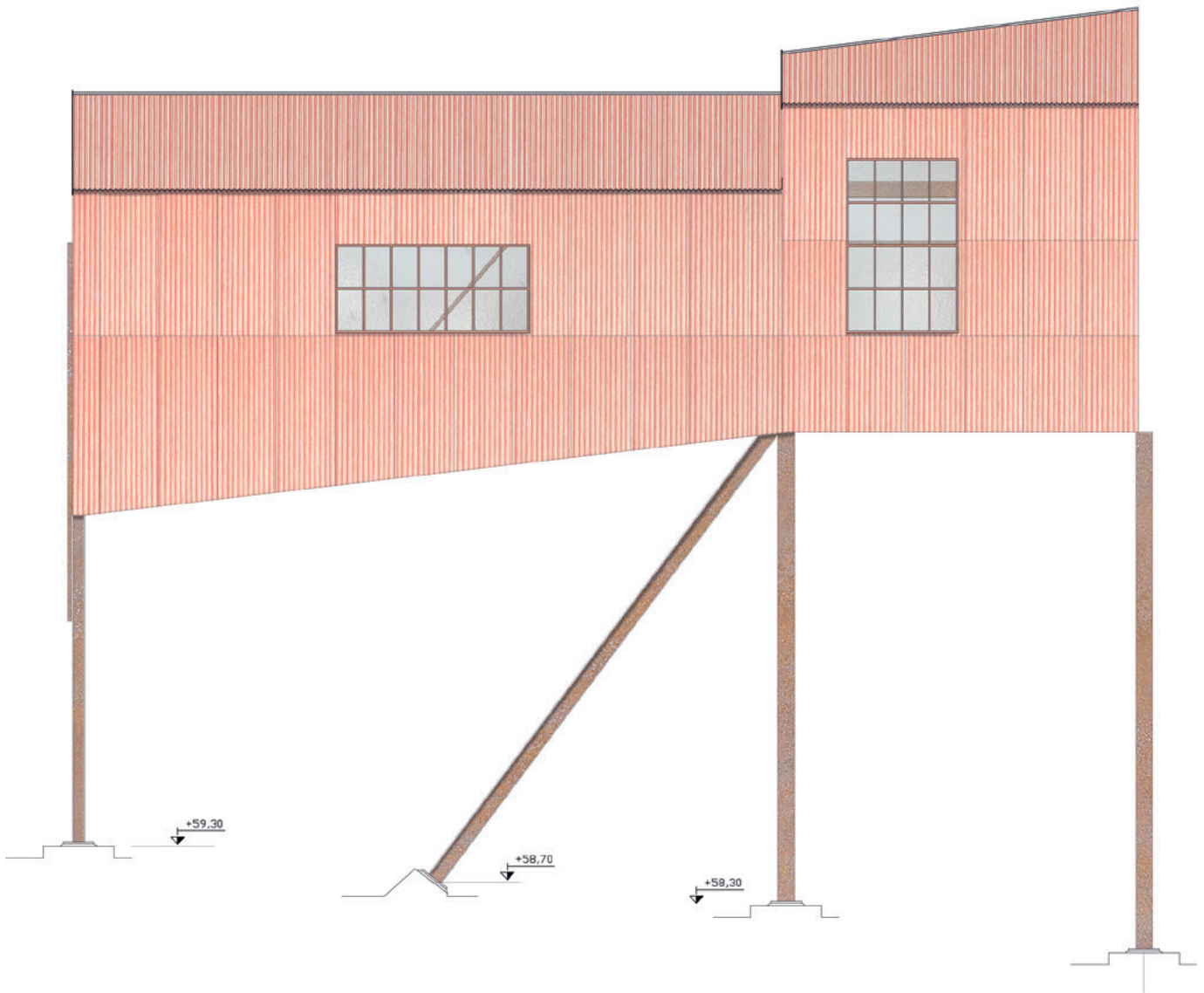
Experimenting with colour



5. Exterior - corrugated metal panels

What is the value of the corrugated metal panels?

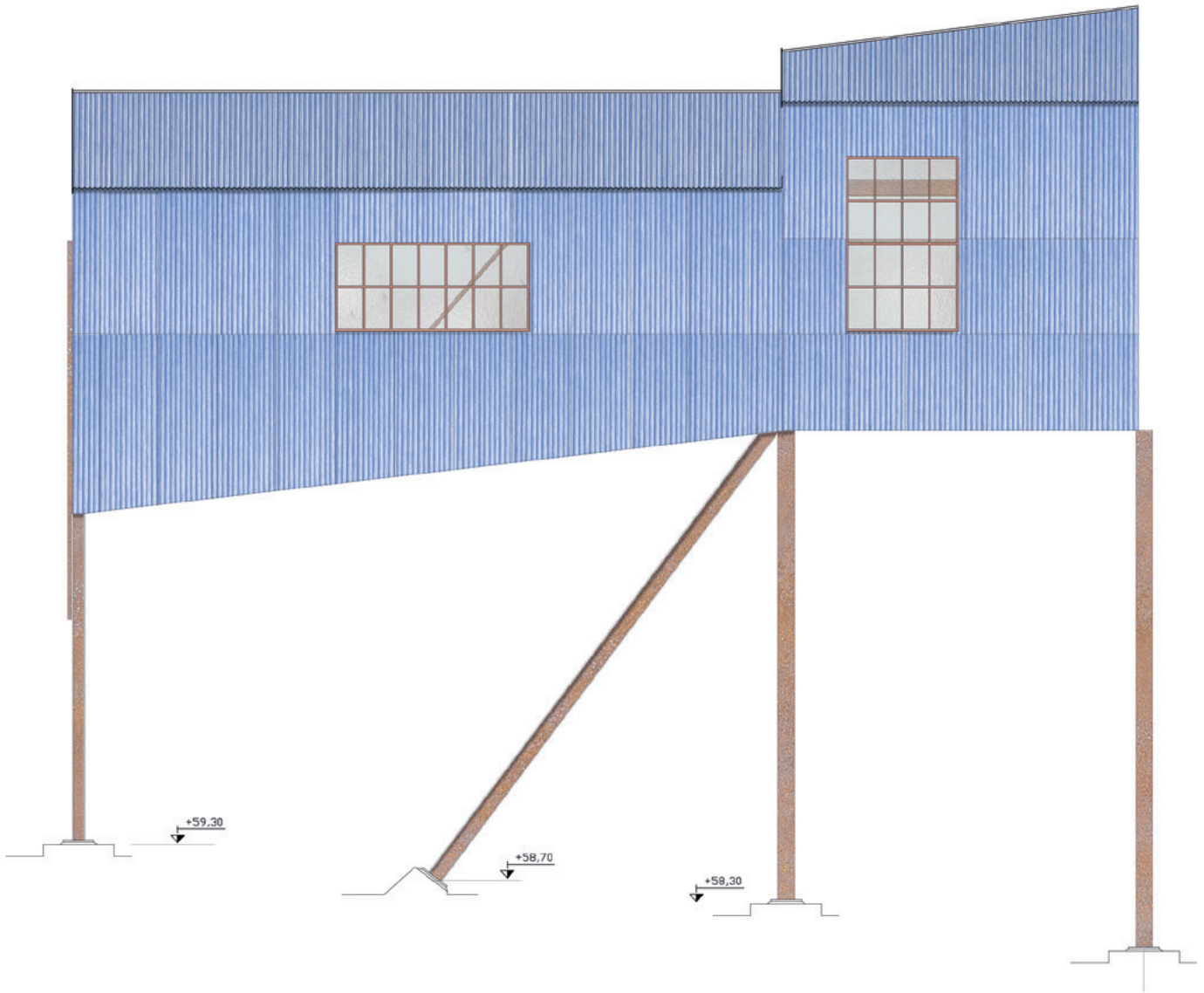
Experimenting with colour



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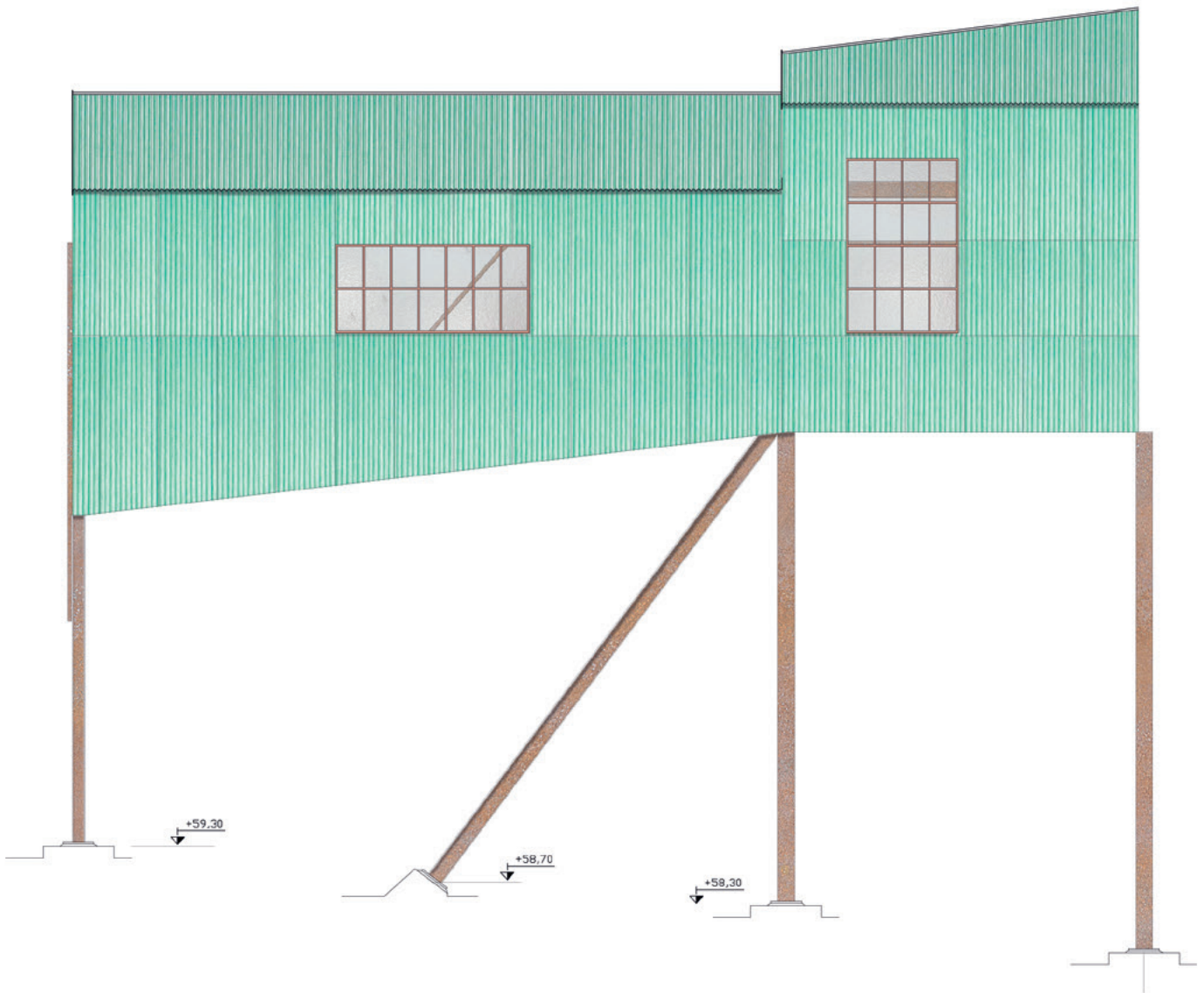
Experimenting with colour



5. Exterior - corrugated metal panels

What is the value of the corrugated metal panels?

Experimenting with colour



5. Exterior - corrugated metal panels

What is the value of the corrugated metal panels?

Experimenting with other materials



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What is the value of the corrugated metal panels?

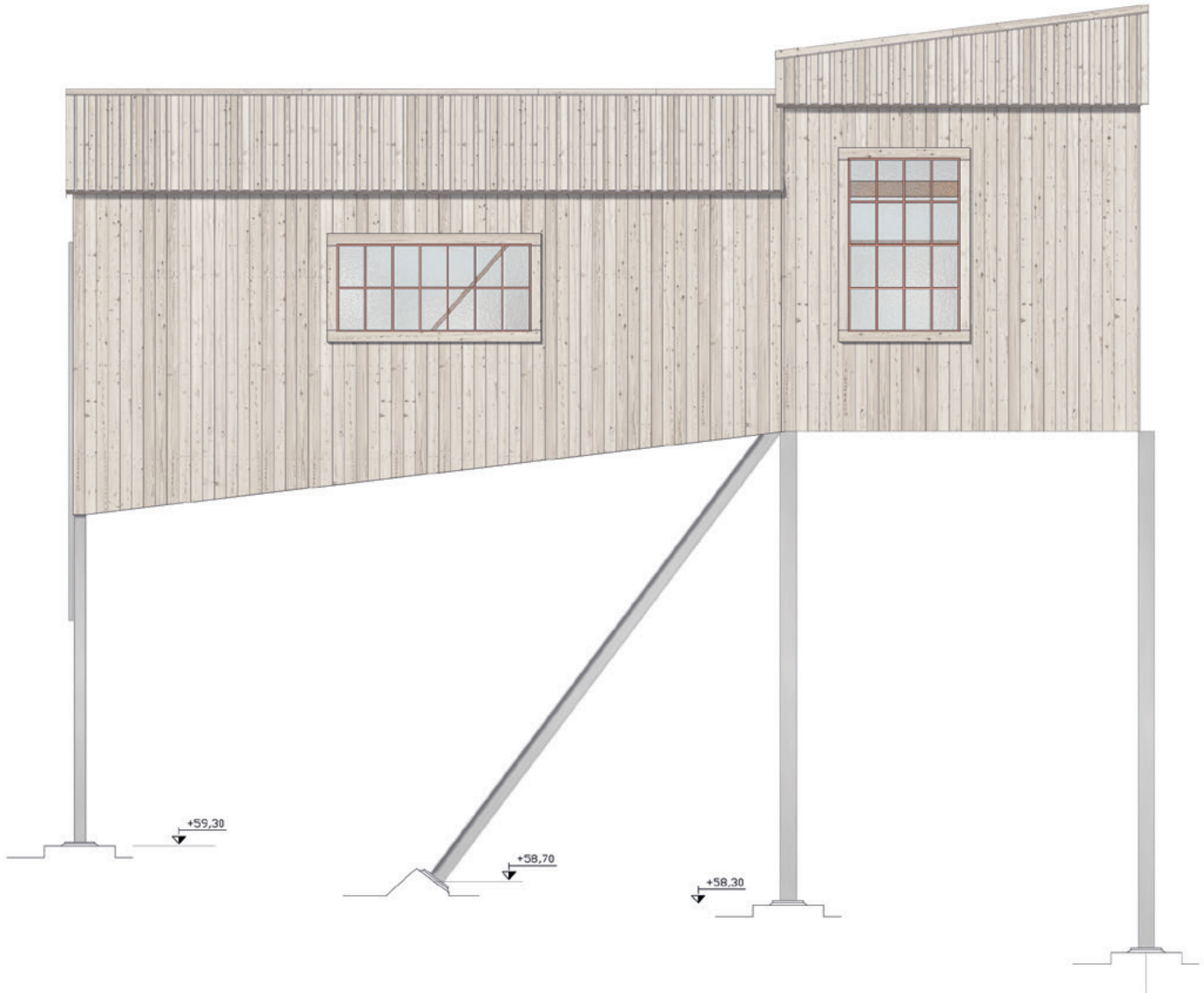
Experimenting with other materials



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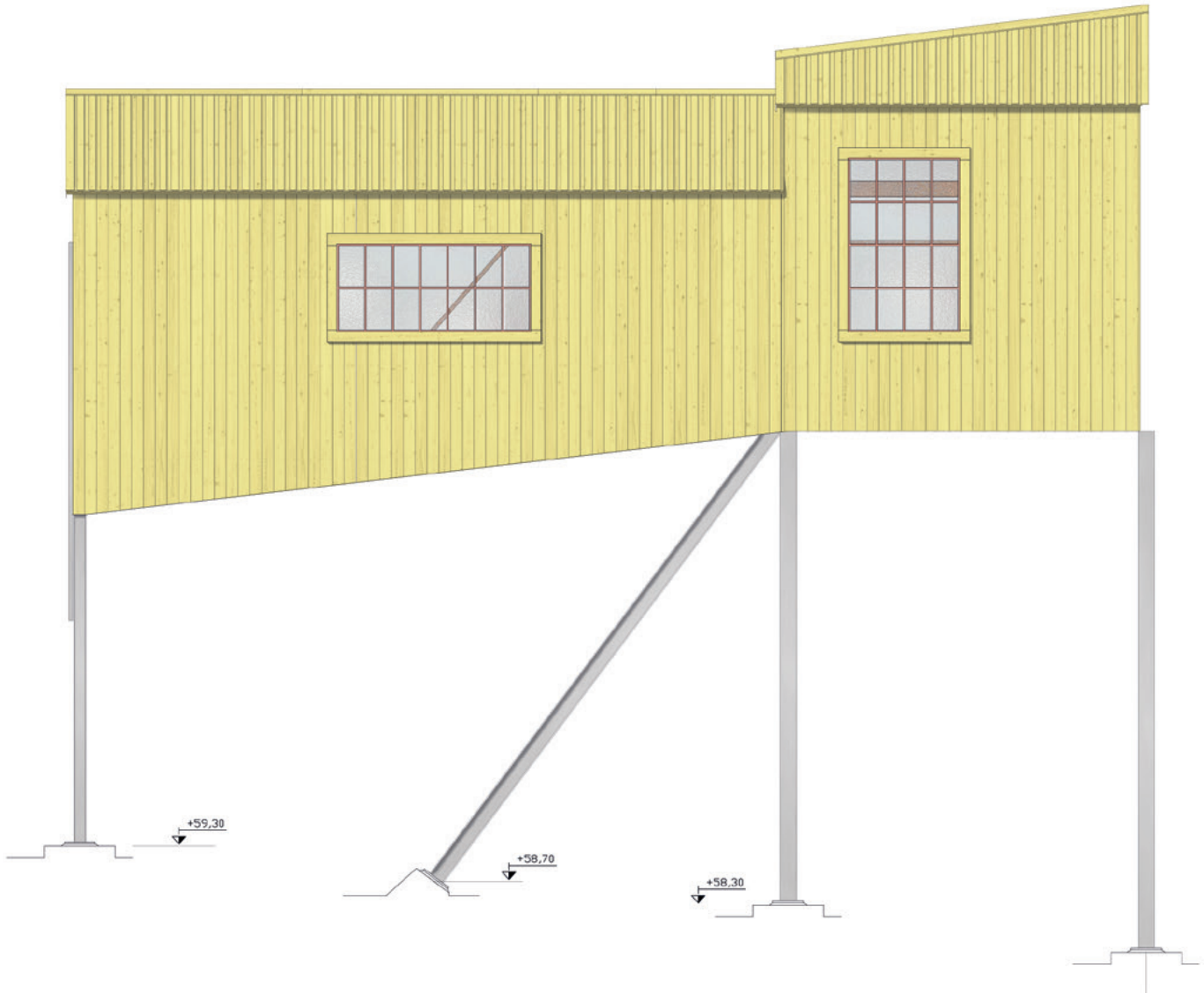
Experimenting with other materials



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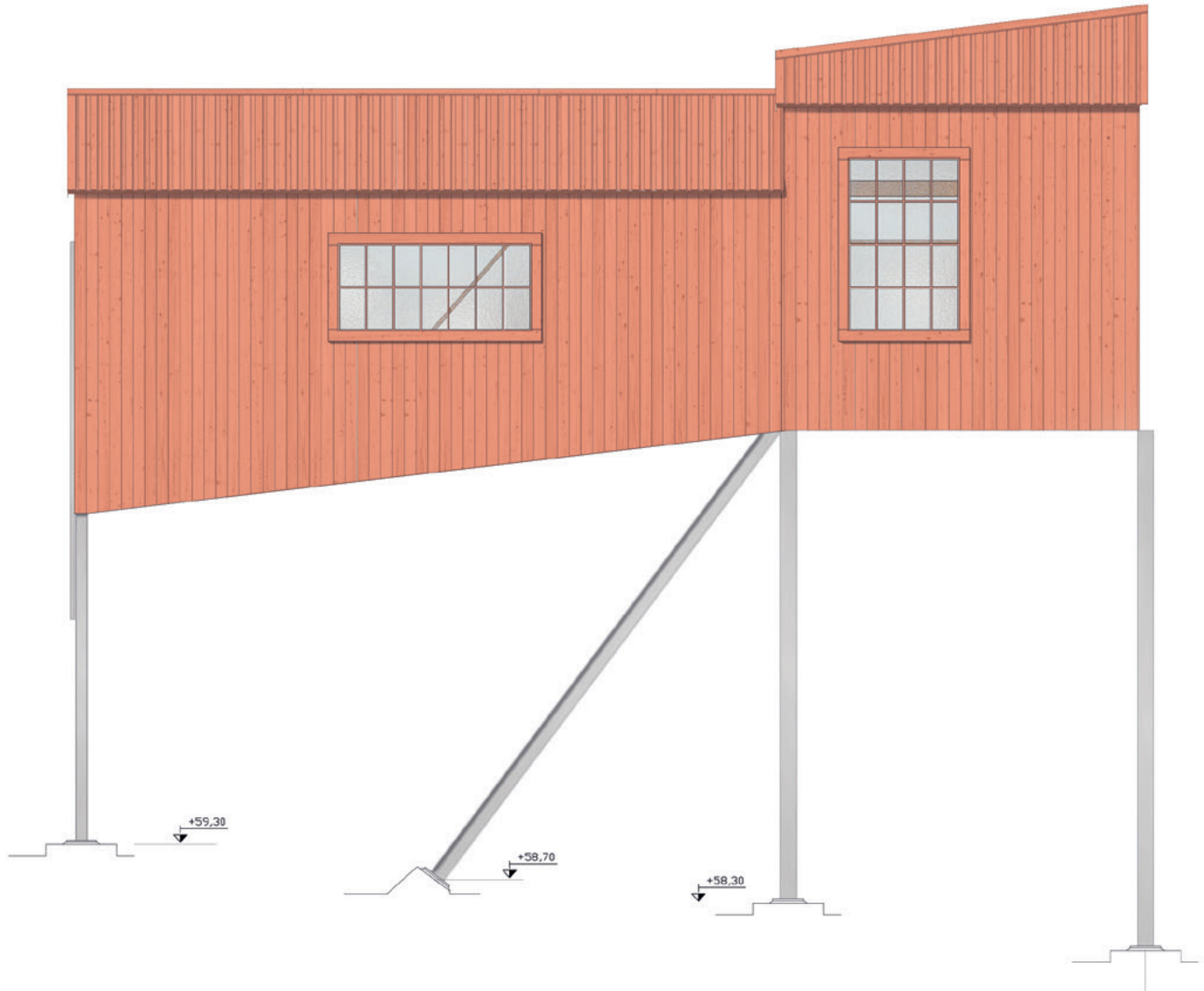
Experimenting with other materials and colour



5. Exterior - corrugated metal panels

What is the value of the corrugated metal panels?

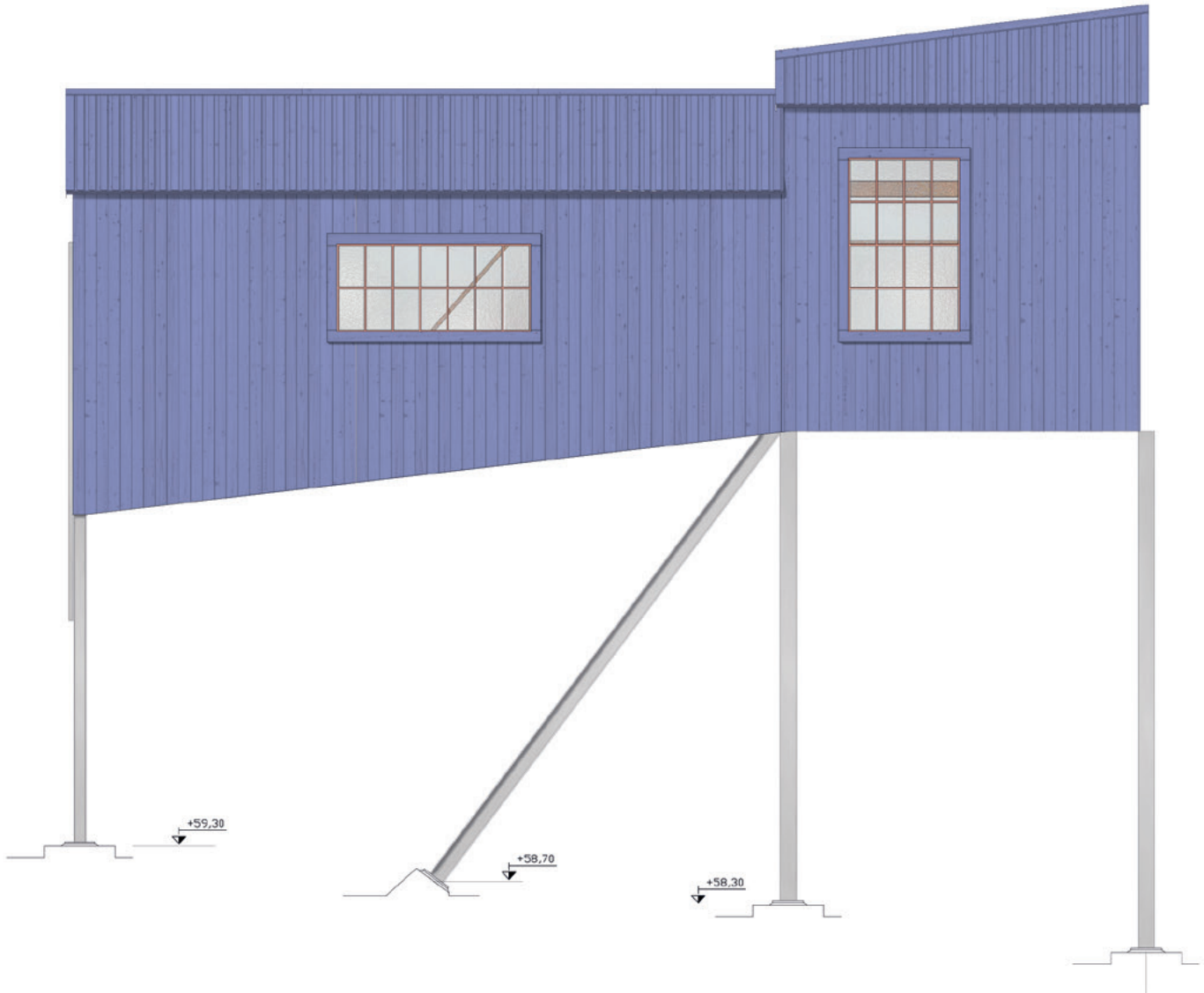
Experimenting with other materials and colour



5. Exterior - corrugated metal panels

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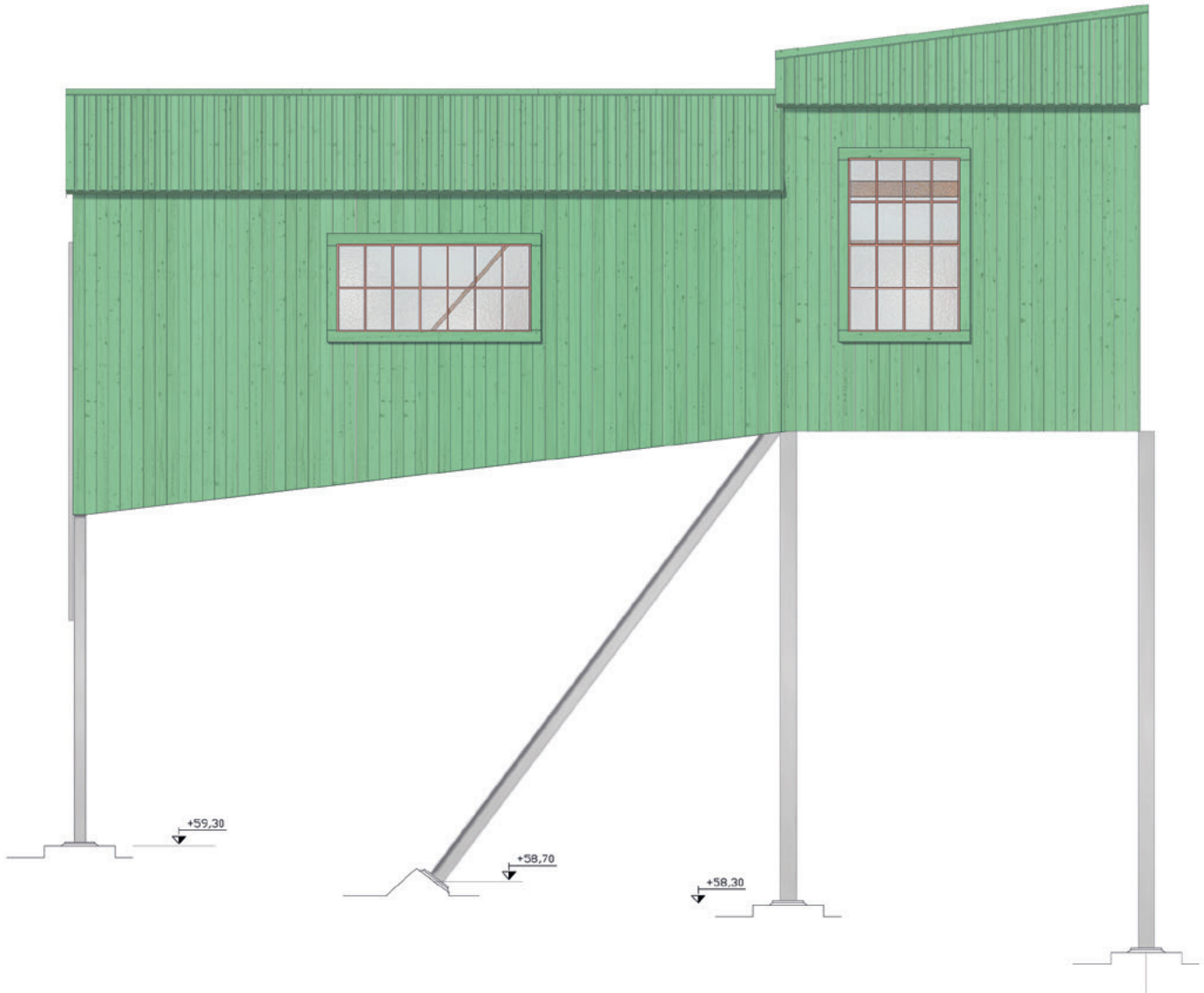
Experimenting with other materials and colour



5. Exterior - corrugated metal panels

What is the value of the corrugated metal panels?

Experimenting with other materials and colour



5. Exterior - corrugated metal panels

Experimenting with other materials and craftsmanship

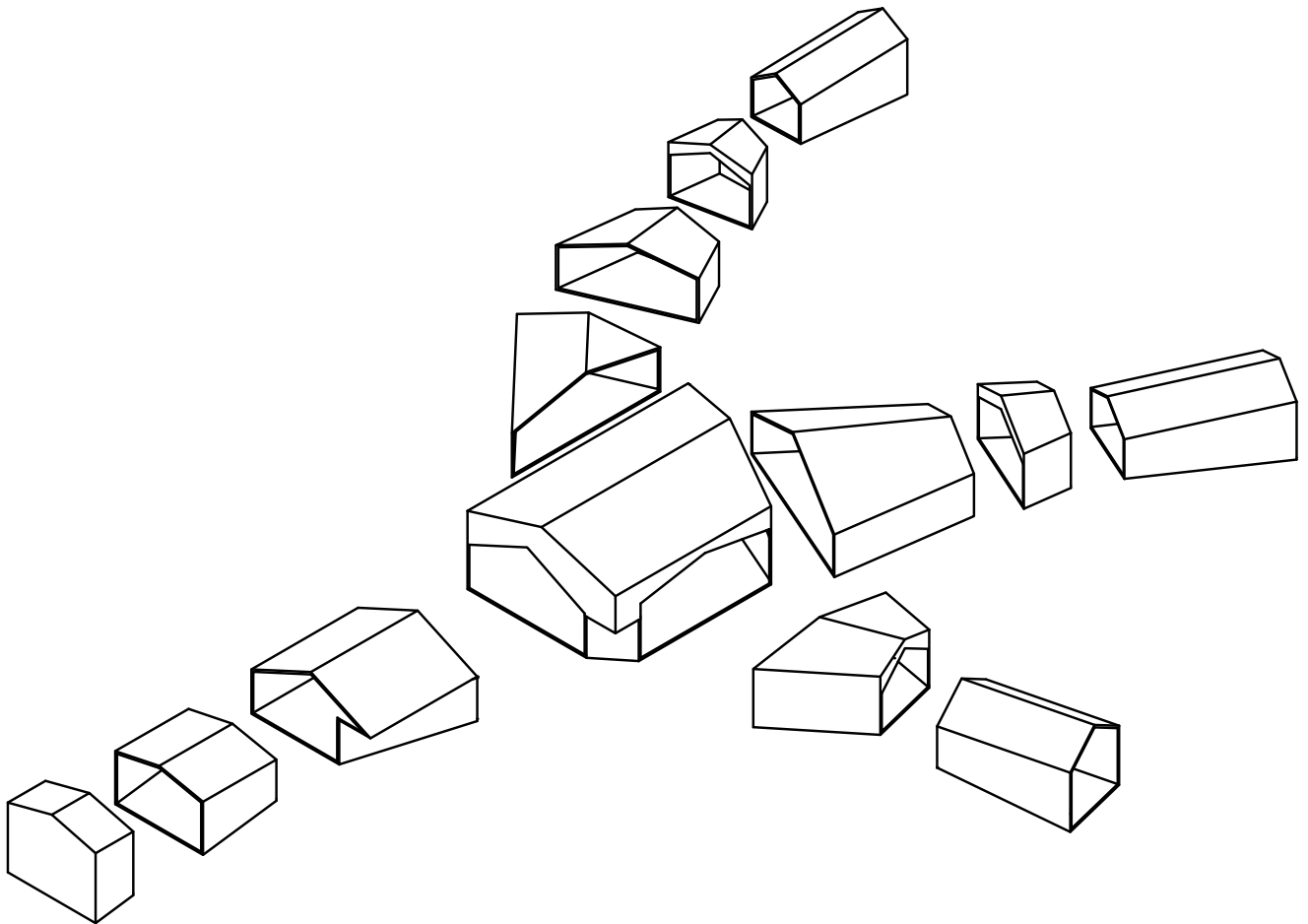
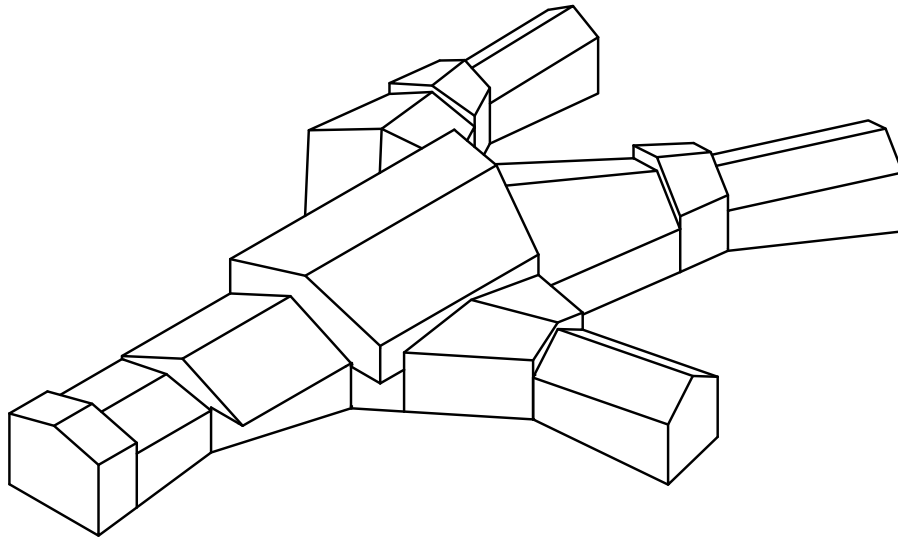
Acknowledge familiarities in Longyearbyen



5. Exterior - corrugated metal panels

Experimenting with other materials and craftsmanship

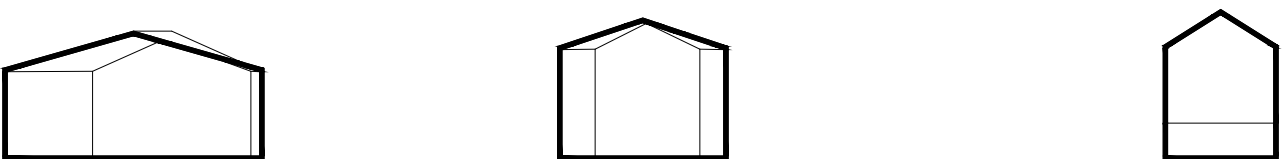
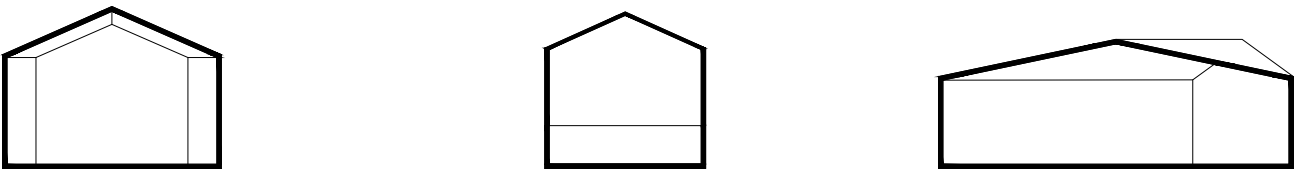
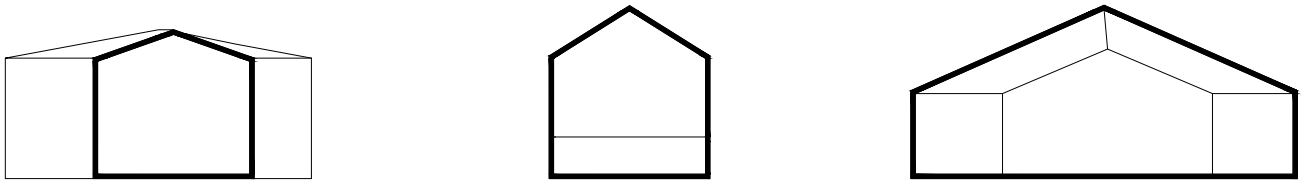
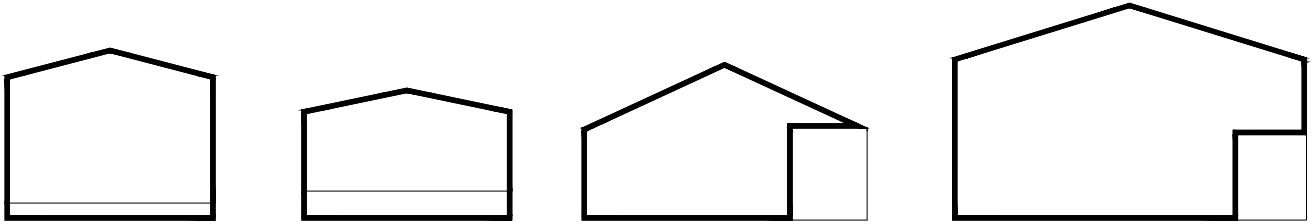
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5. Exterior - corrugated metal panels

Experimenting with other materials and craftsmanship

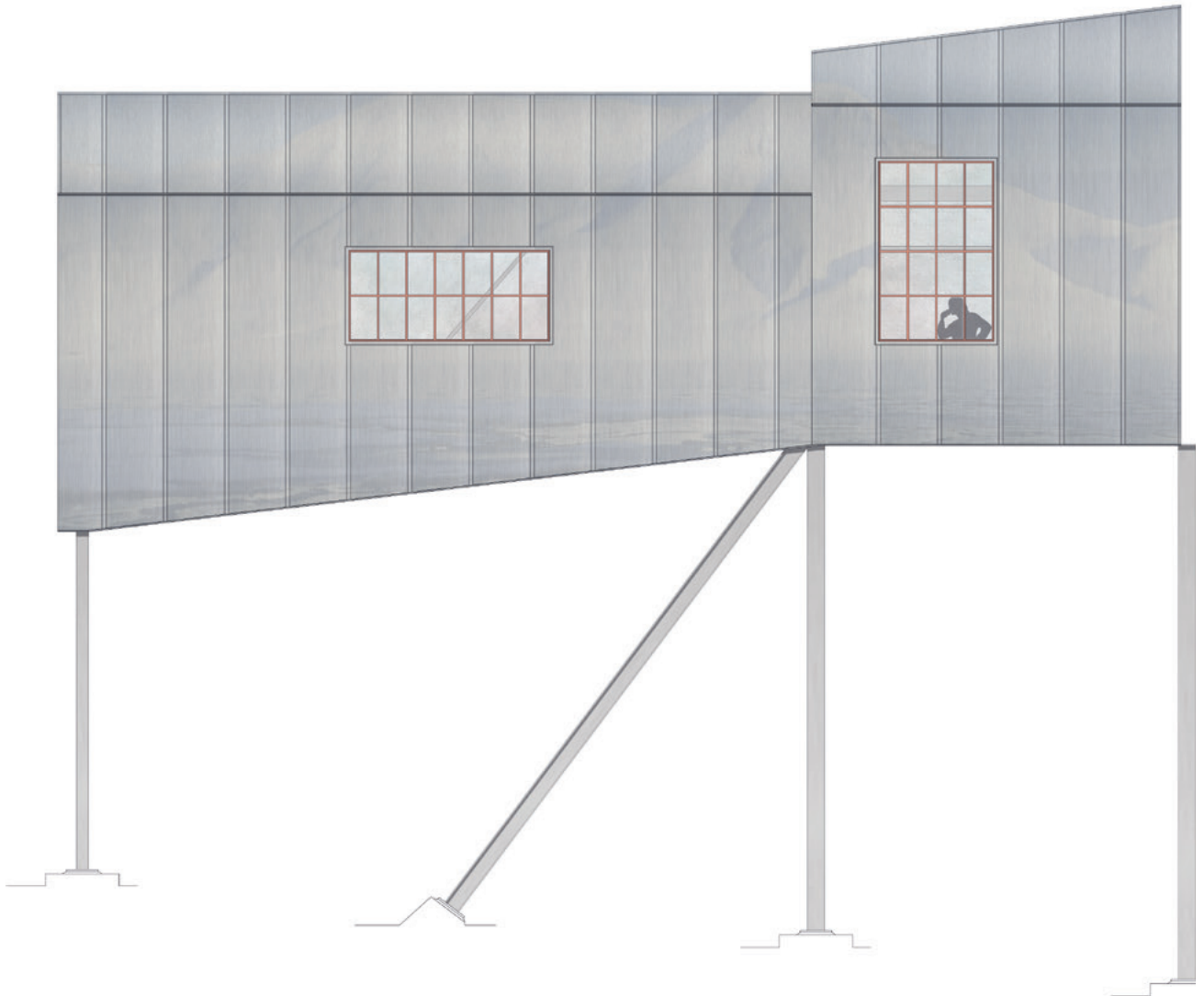
Acknowledge familiarities in Longyearbyen



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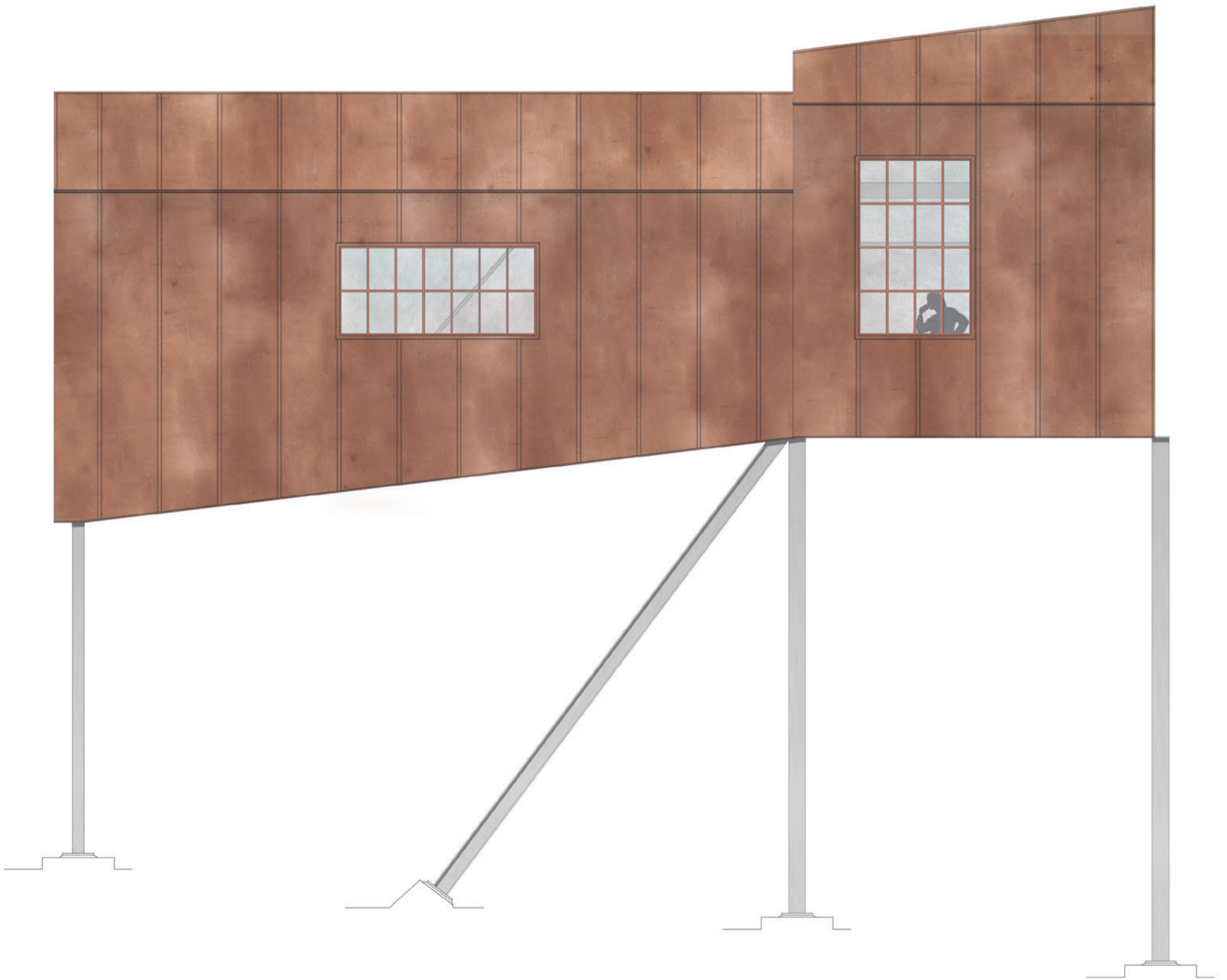
Experimenting with other materials



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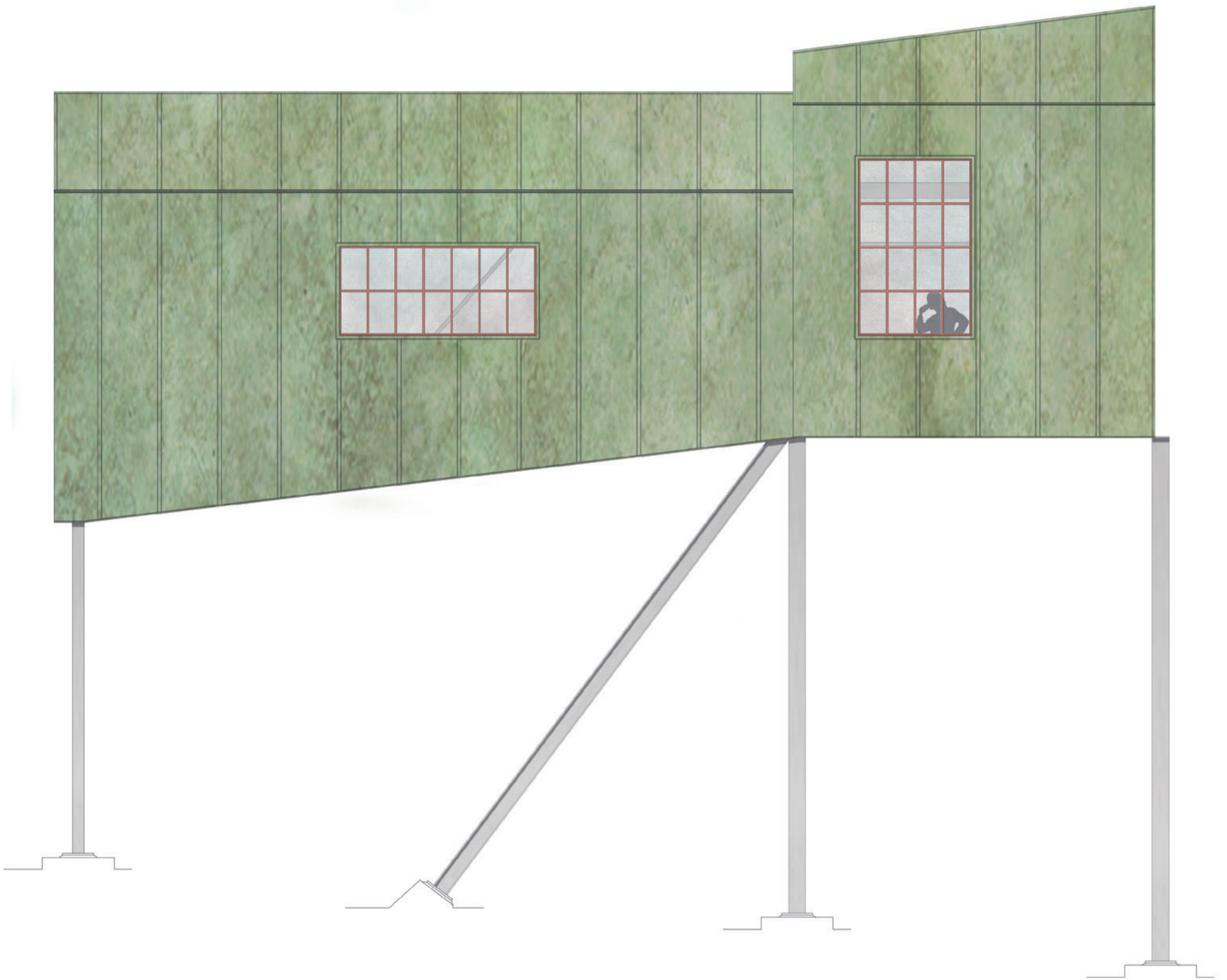
Experimenting with other materials



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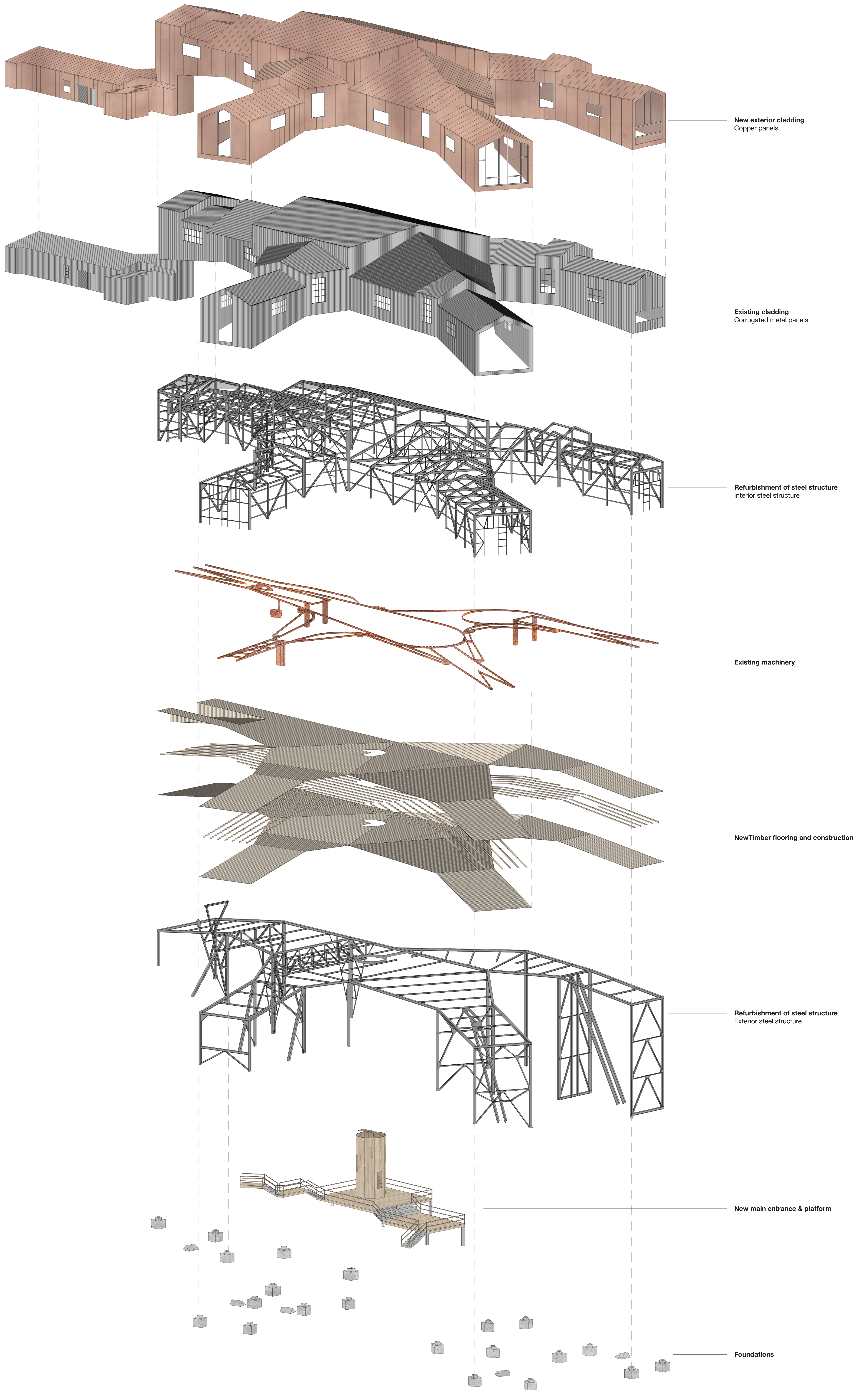
What is the value of the corrugated metal panels?

Experimenting with other materials

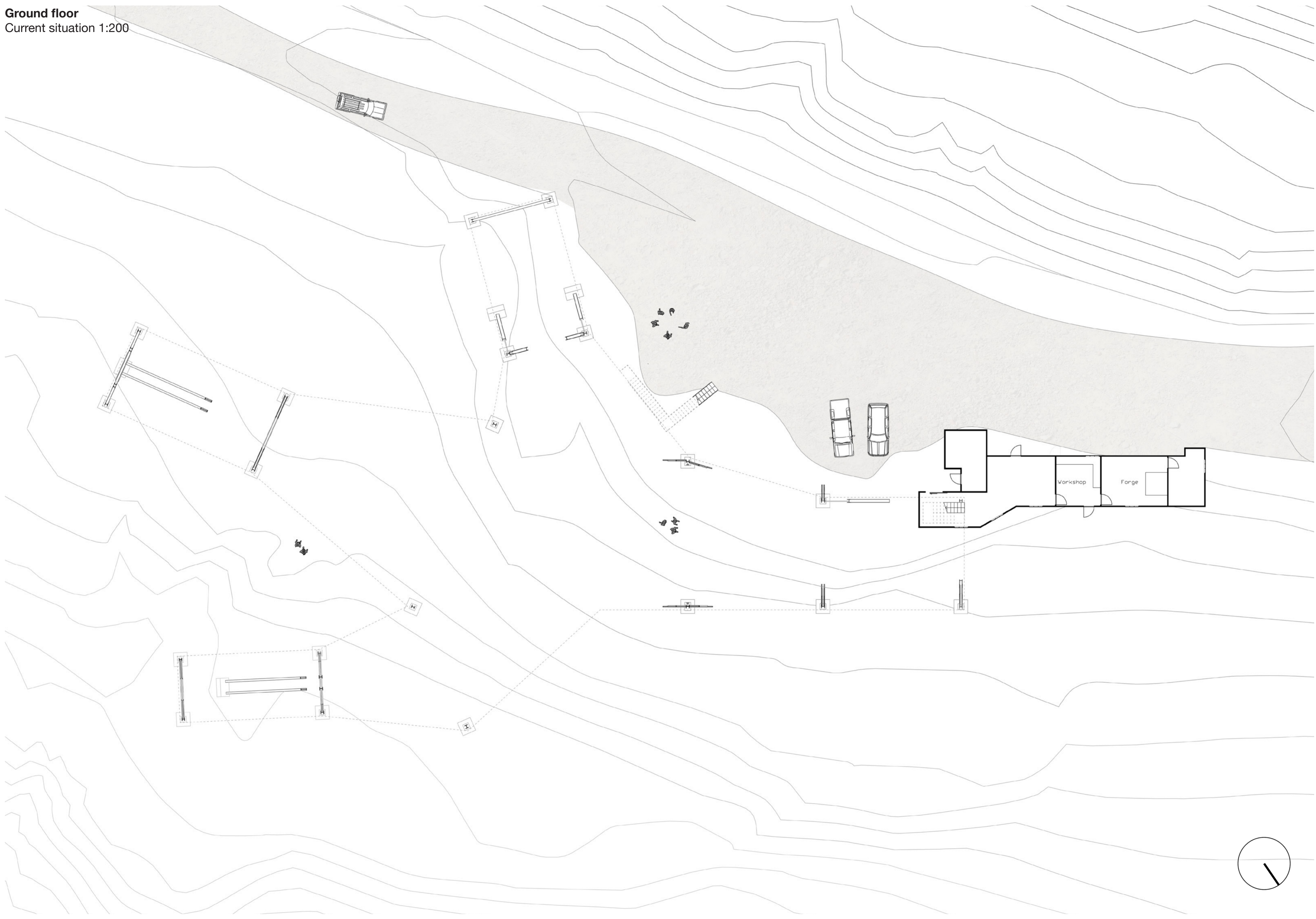


Light/darkness
Current situation

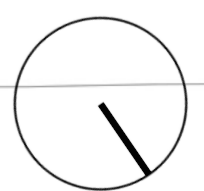
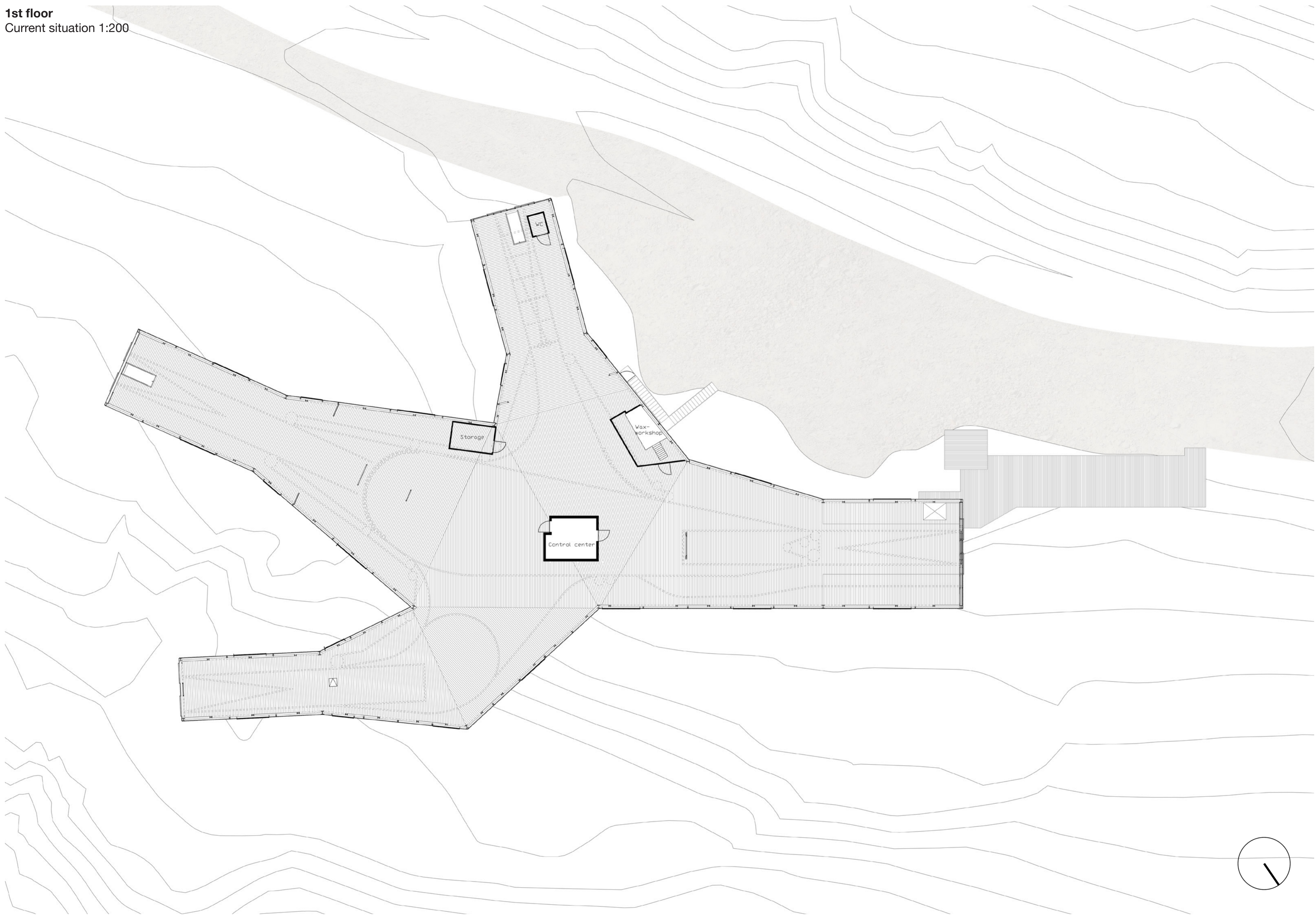




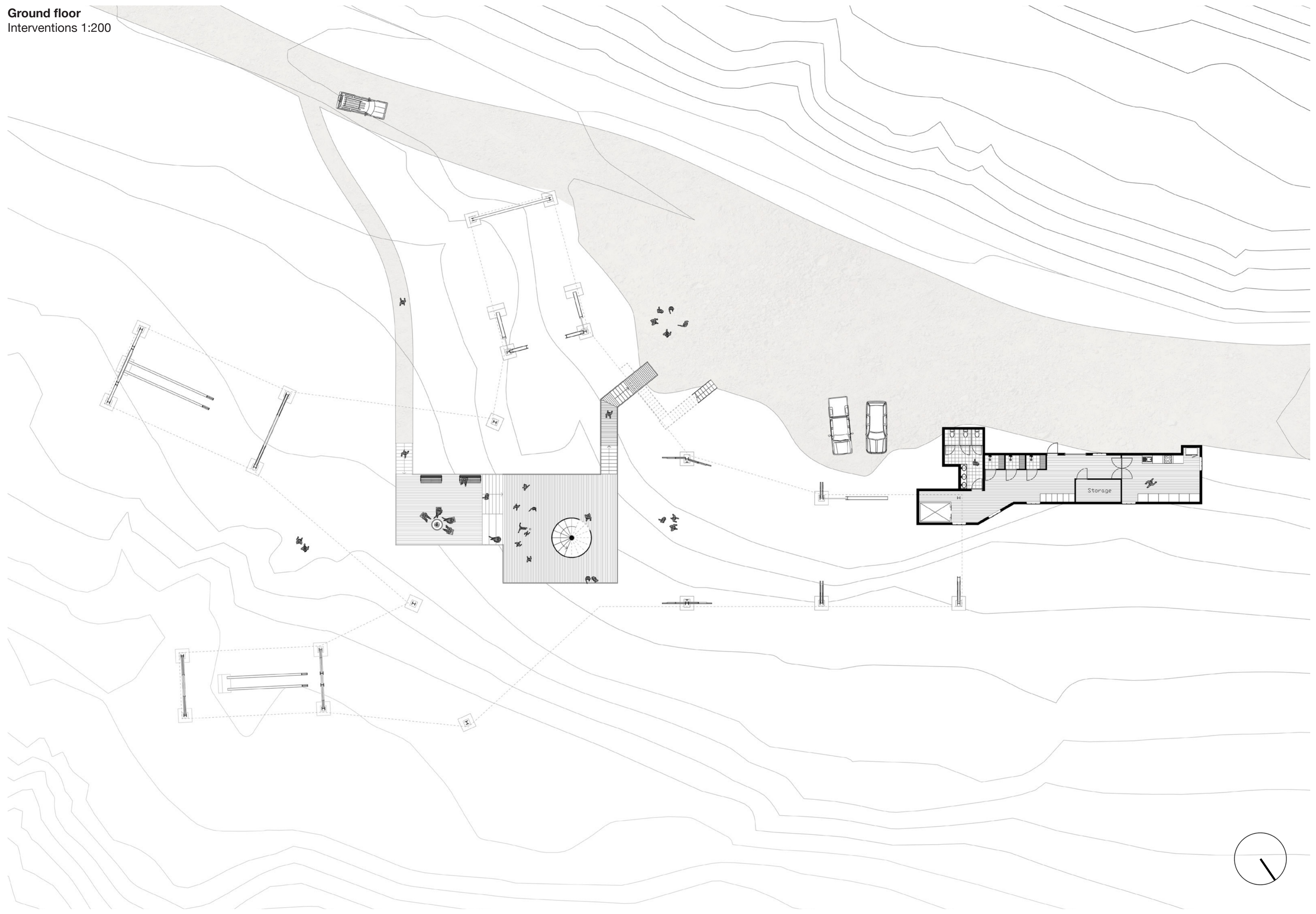
Ground floor
Current situation 1:200



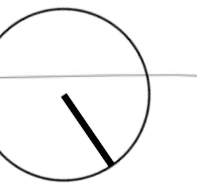
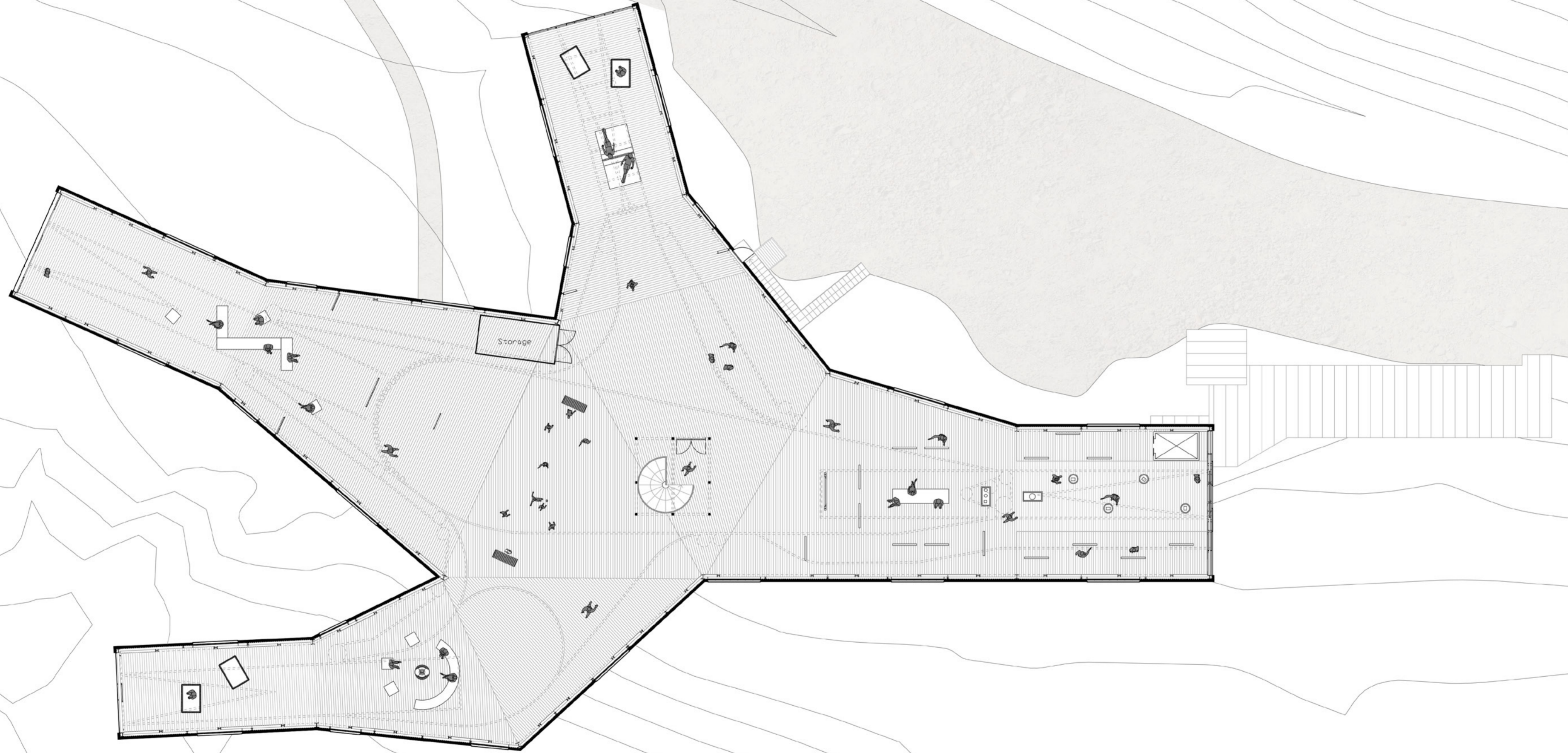
1st floor
Current situation 1:200



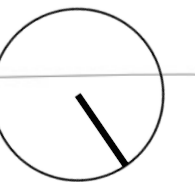
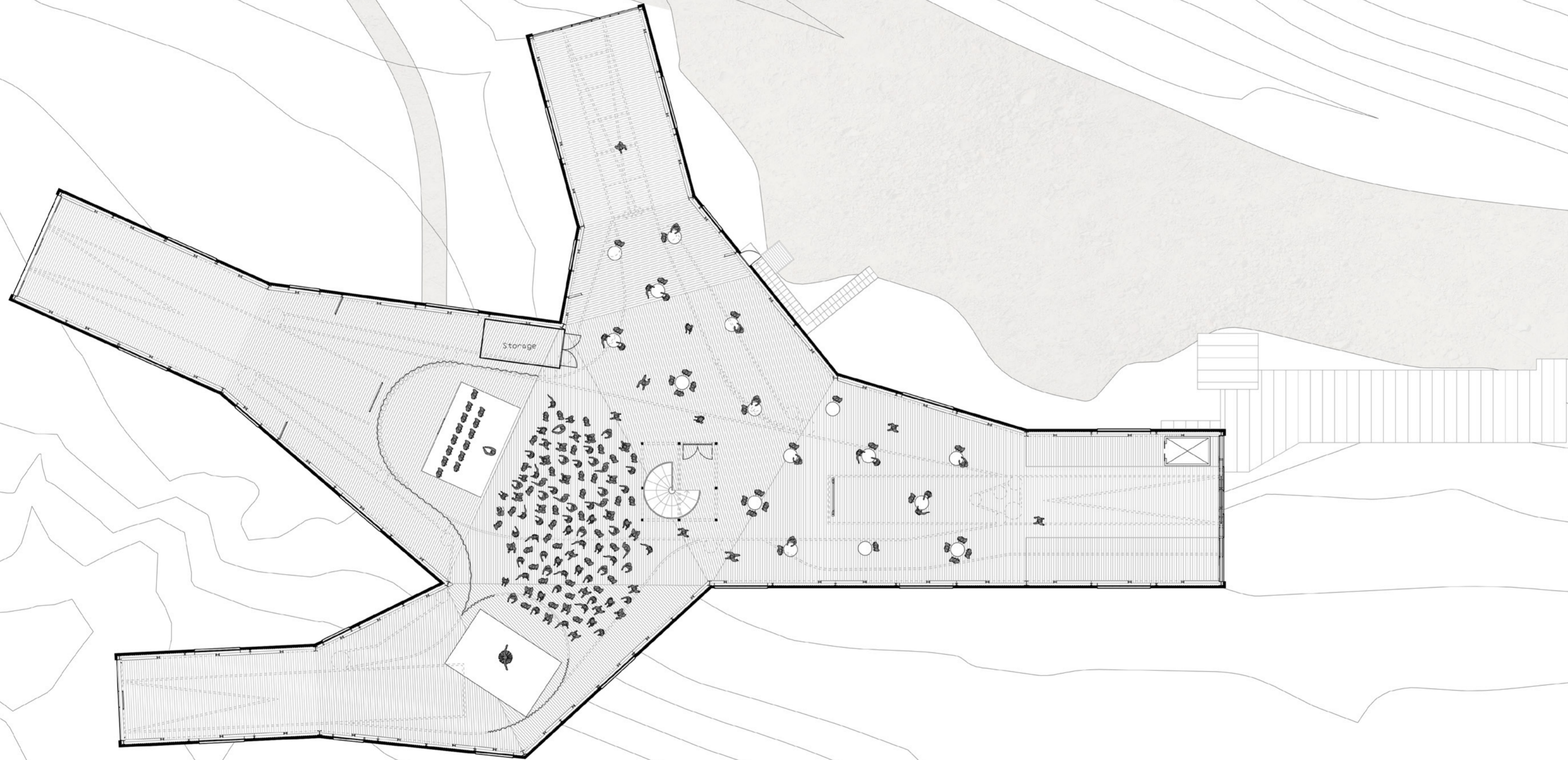
Ground floor
Interventions 1:200



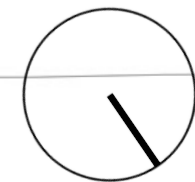
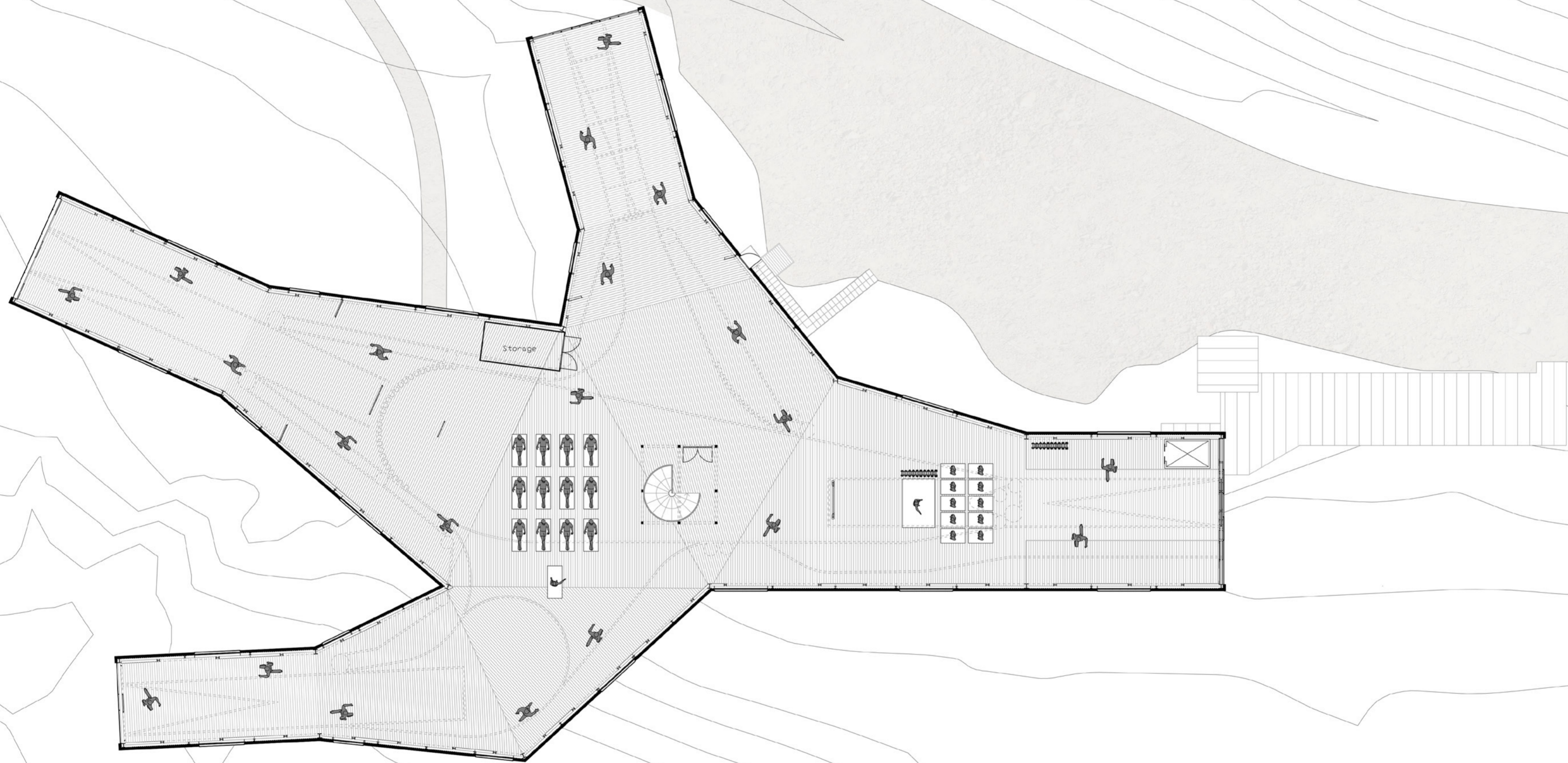
1st Floor
Interventions 1:200
Everyday use



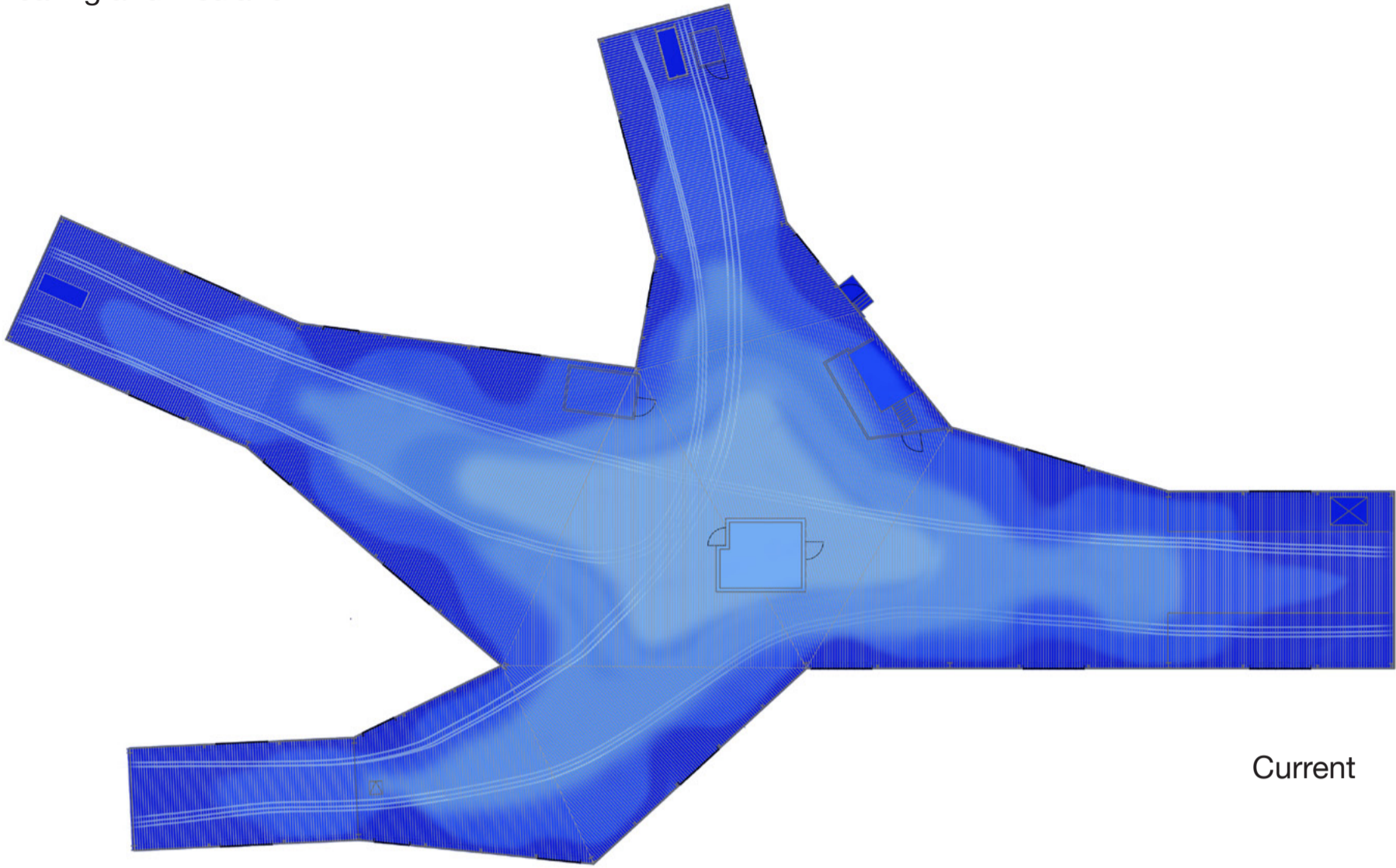
1st Floor
Interventions 1:200
Concert



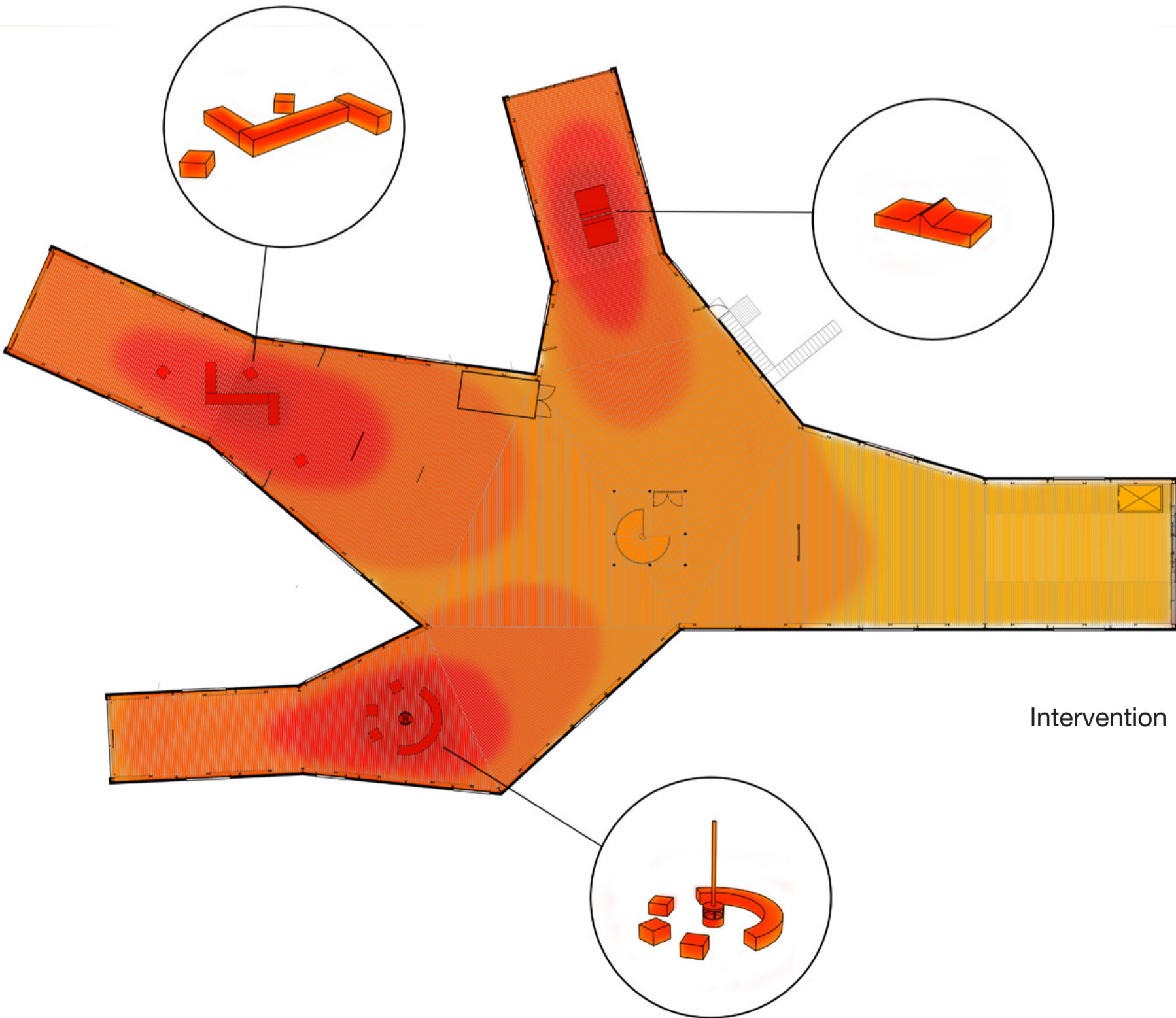
1st Floor
Interventions 1:200
Gym



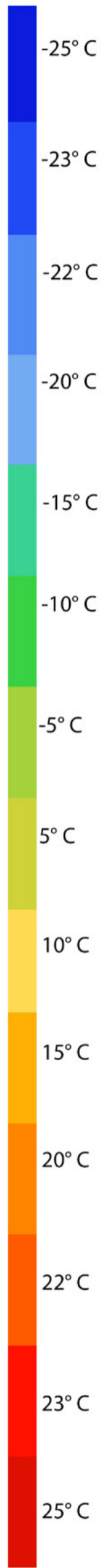
Inside/outside
Heating and insulation



Current



Intervention



Sight diagram
Viewpoints

1. To mine 5 & 6
View towards residential
area and Adventdalen



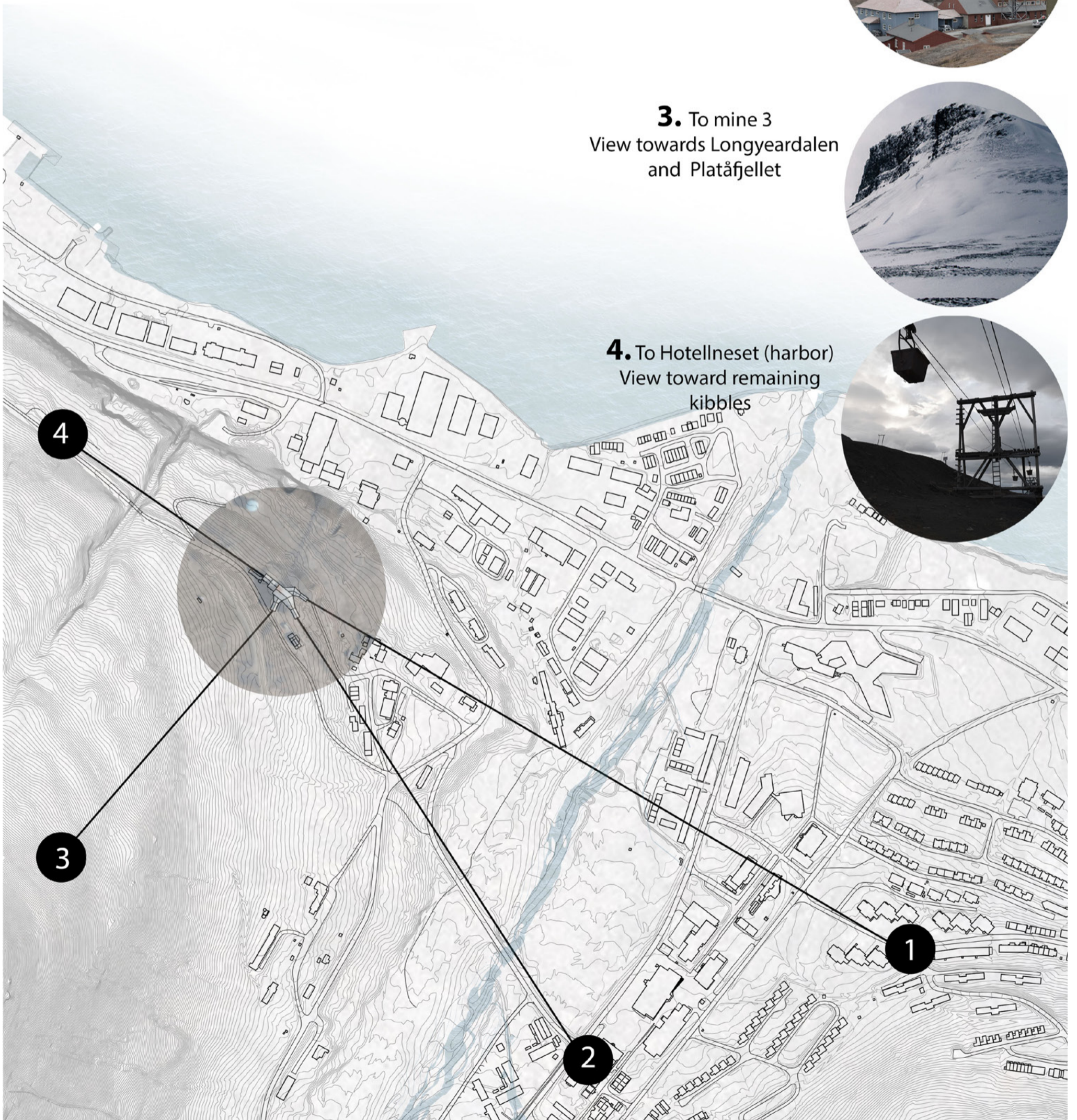
2. To mine 2
View towards the town
center and Sukkertoppen



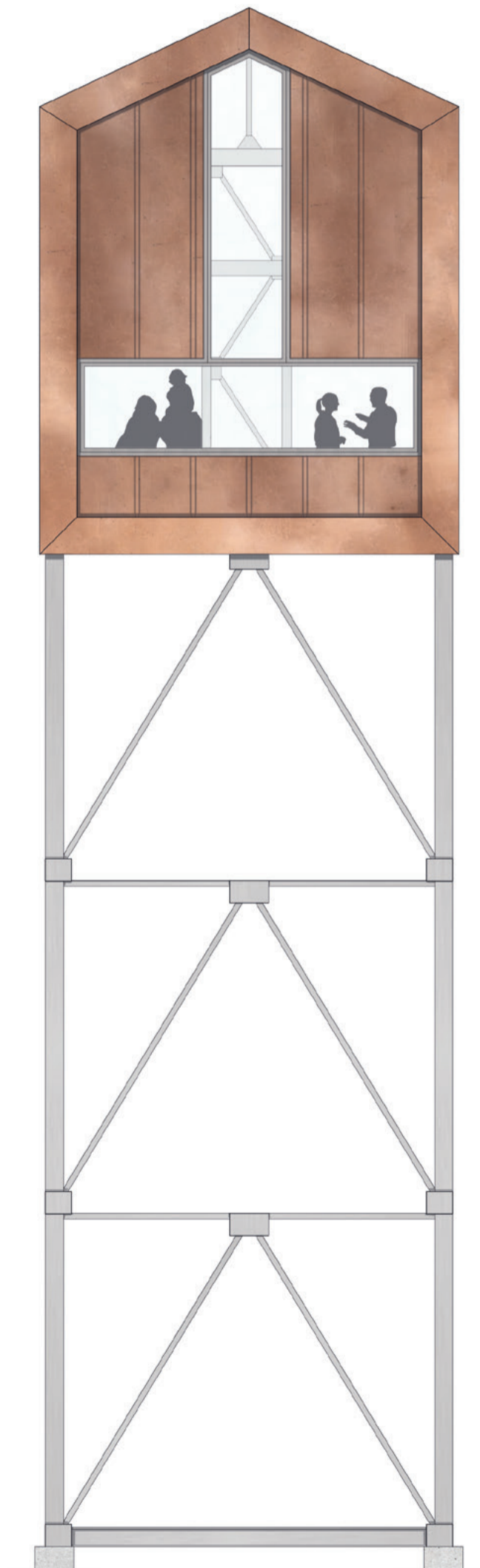
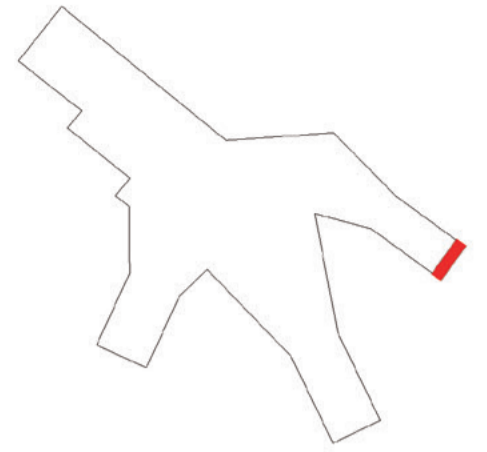
3. To mine 3
View towards Longyeardalen
and Platåfjellet



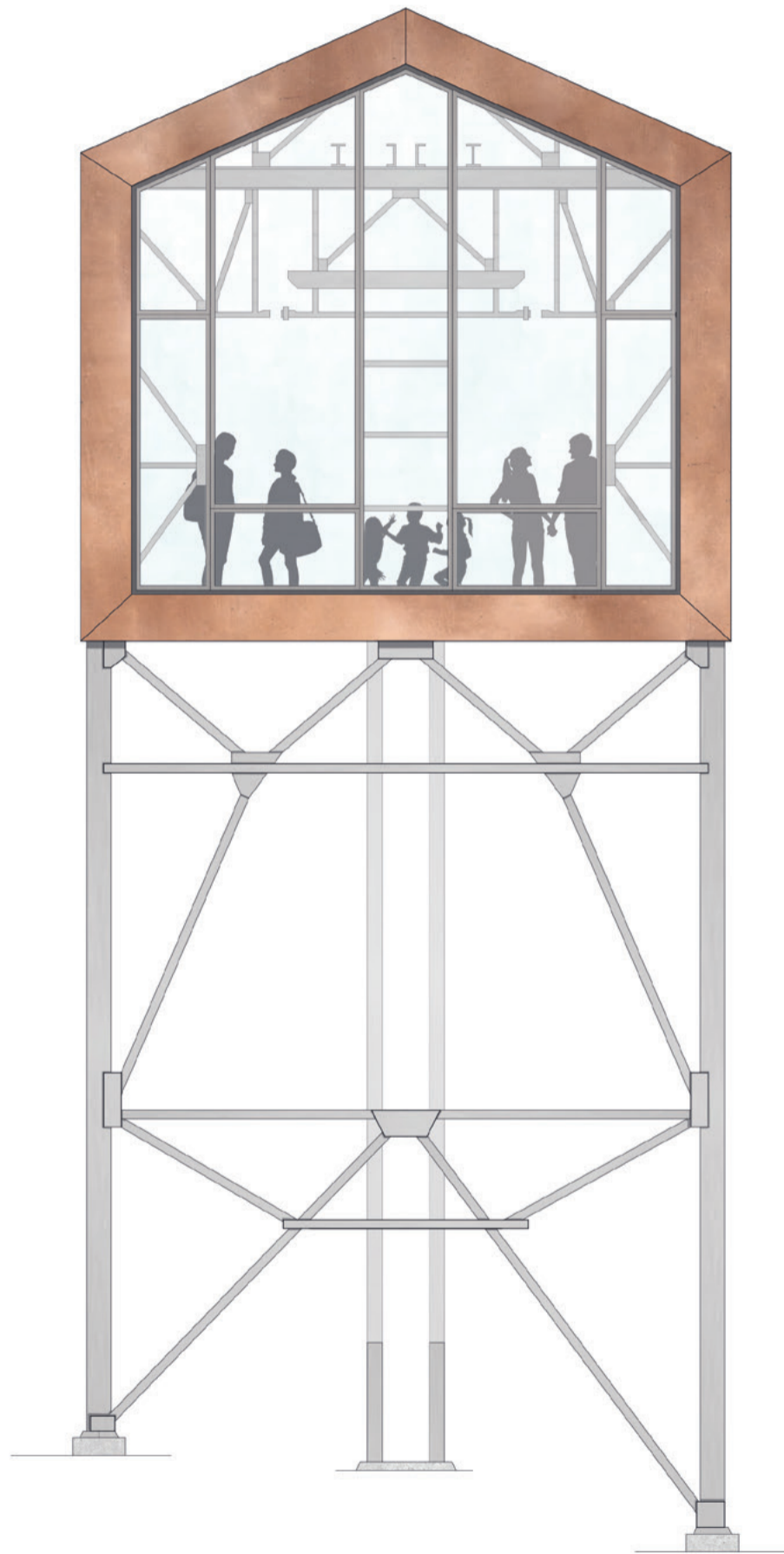
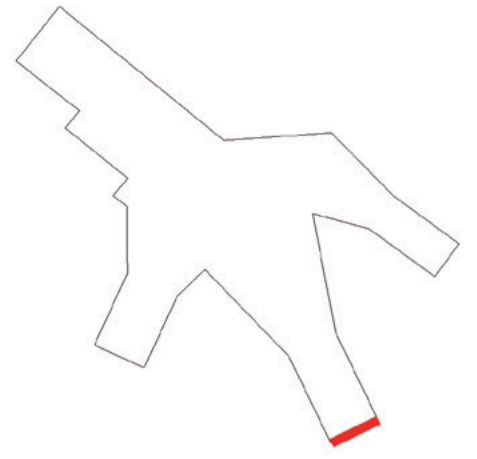
4. To Hotellneset (harbor)
View toward remaining
kibbles



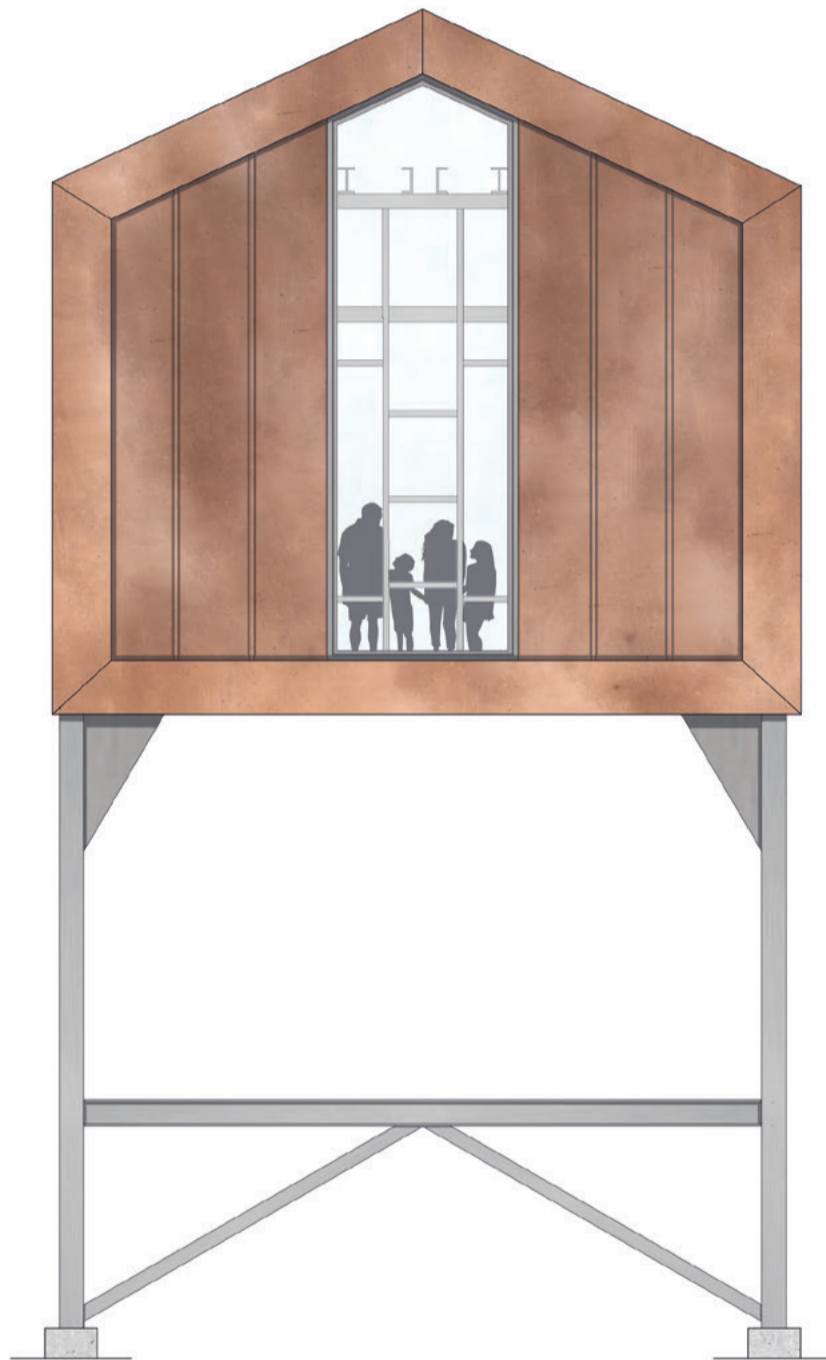
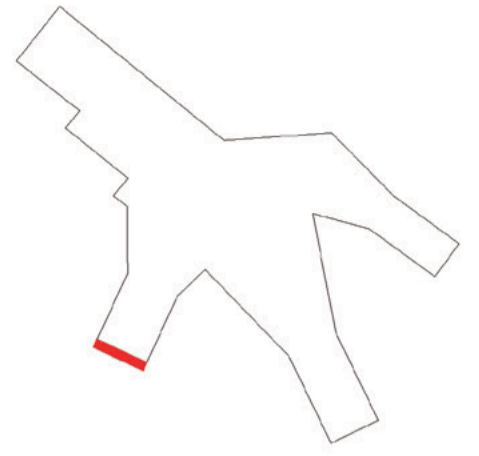
1. South-east elevation
Viewpoint



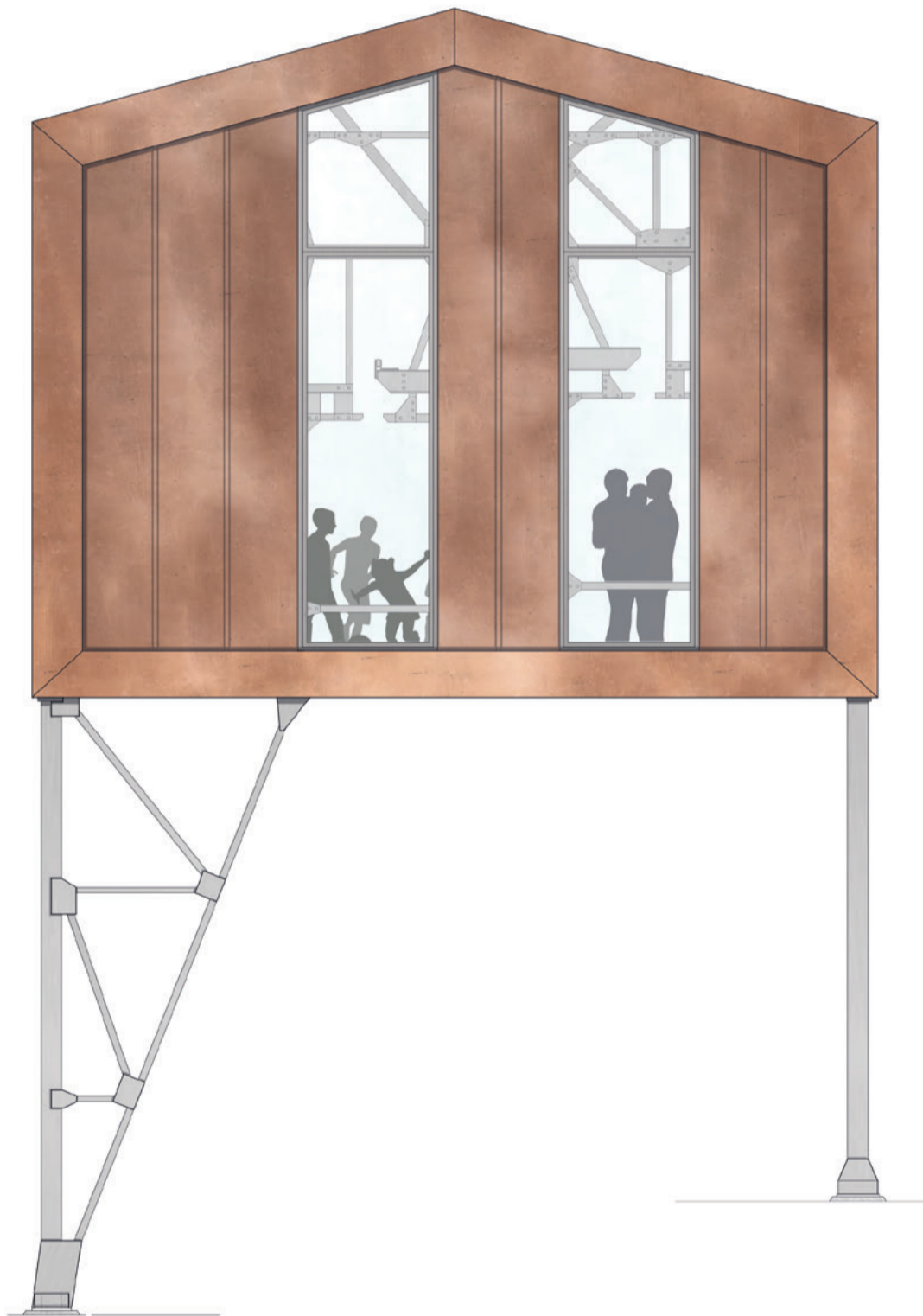
2. South elevation
Viewpoint



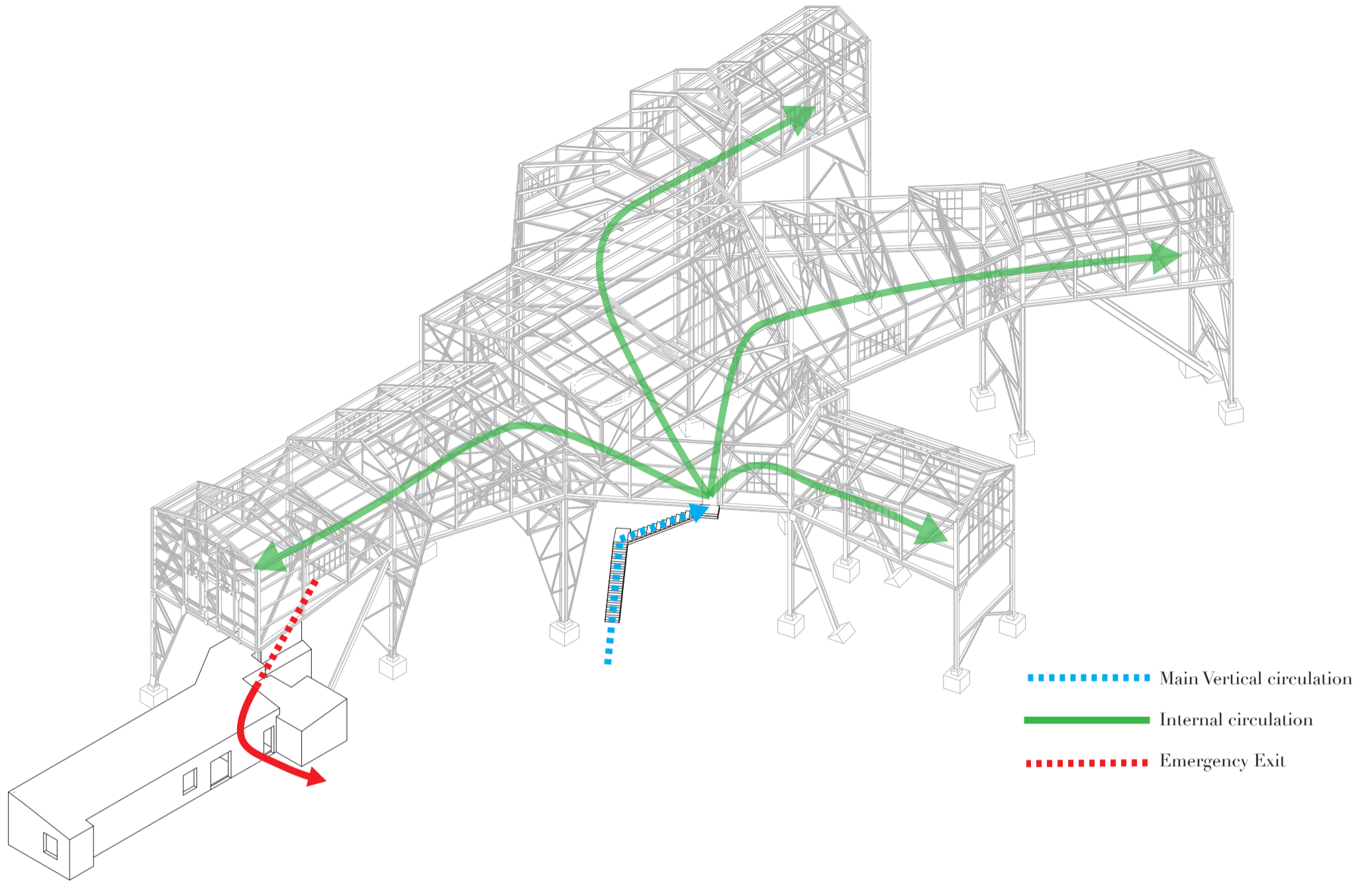
3. South-west elevation
Viewpoint



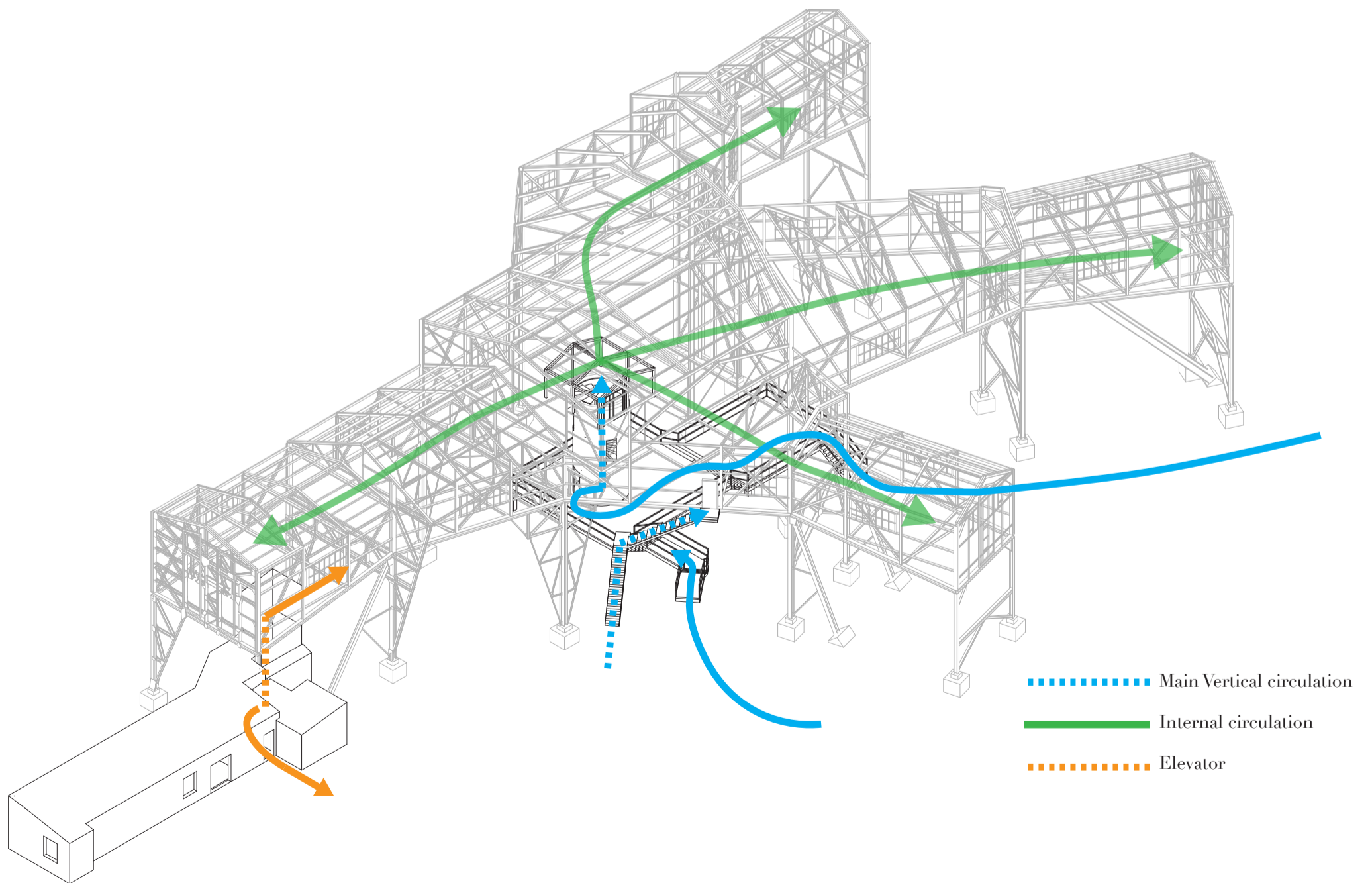
4. North-west elevation
Viewpoint



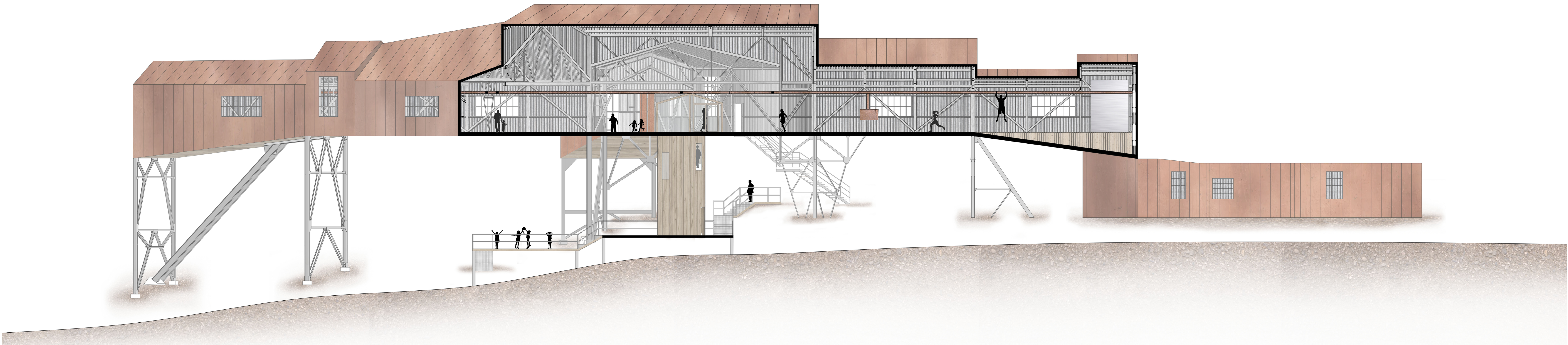
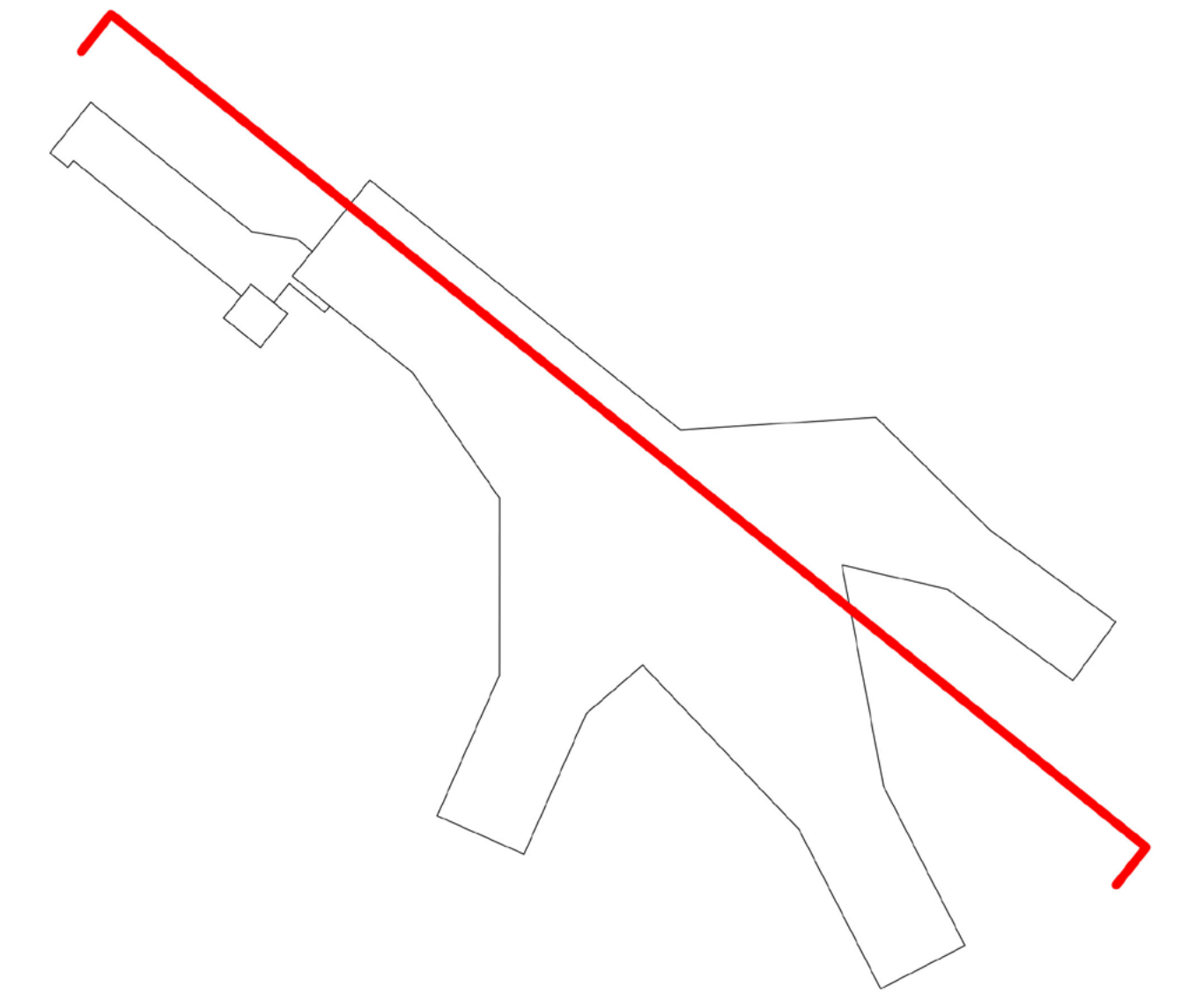
Circulation diagram



Current



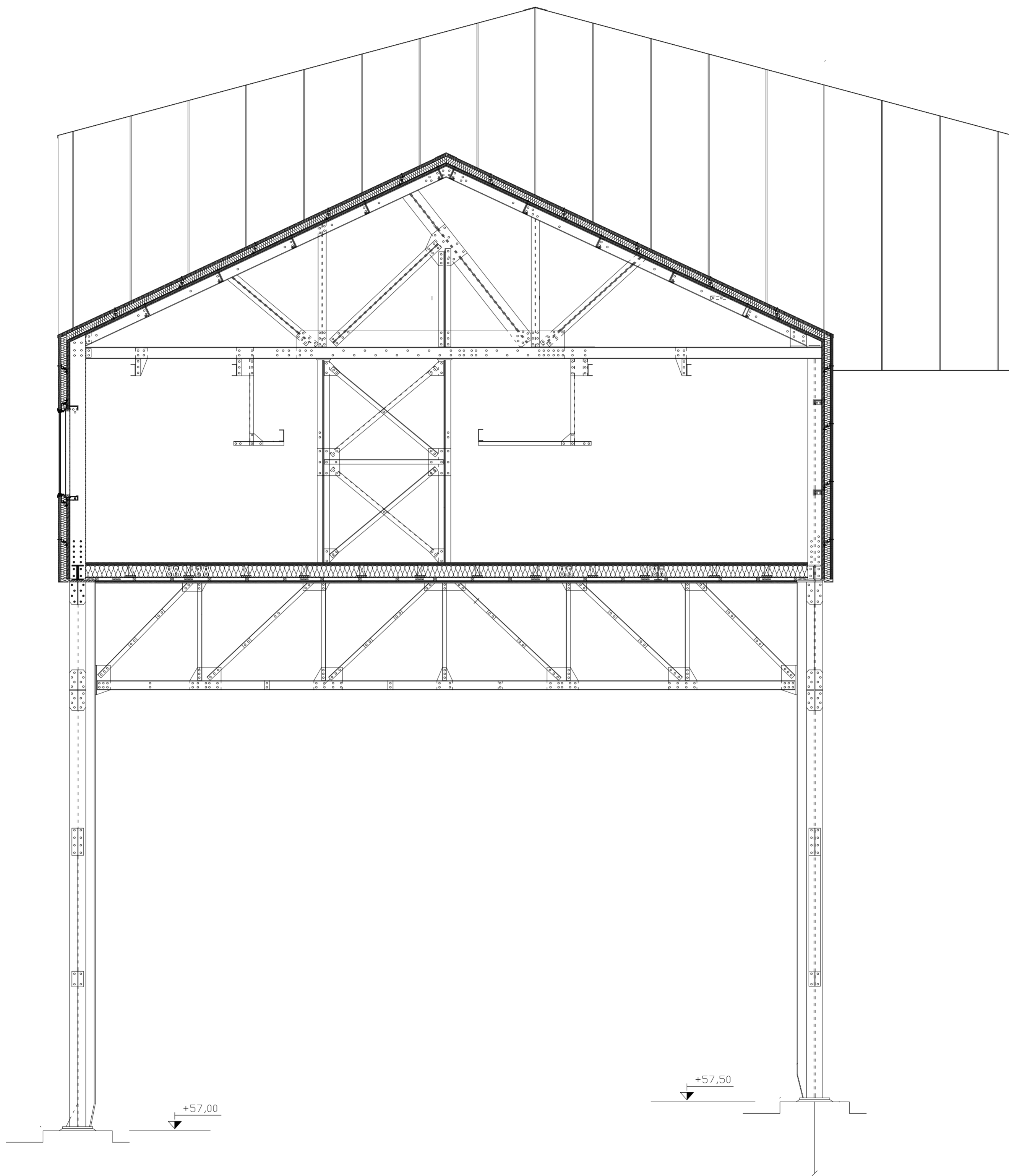
Intervention





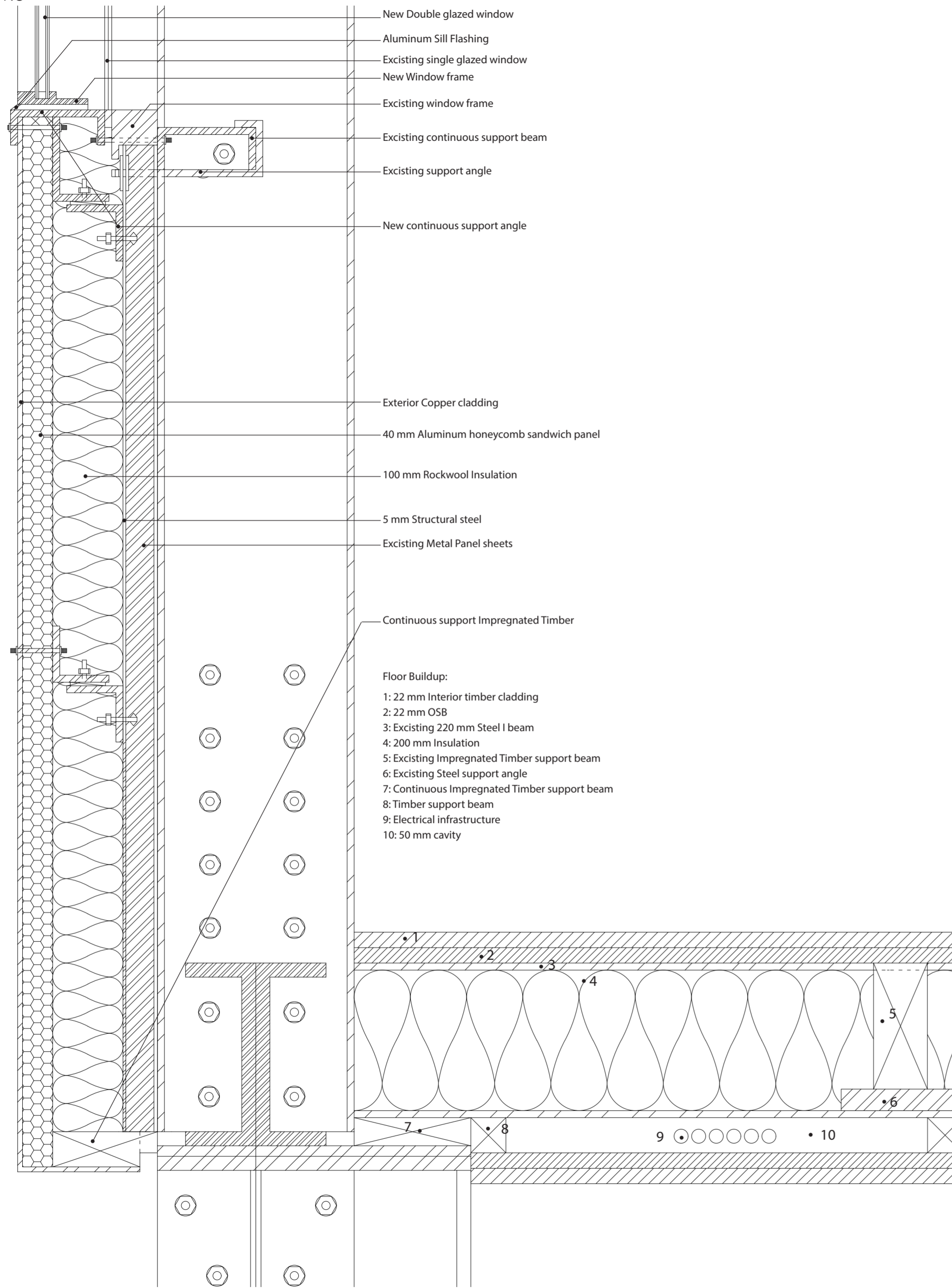
Detail section

1:50



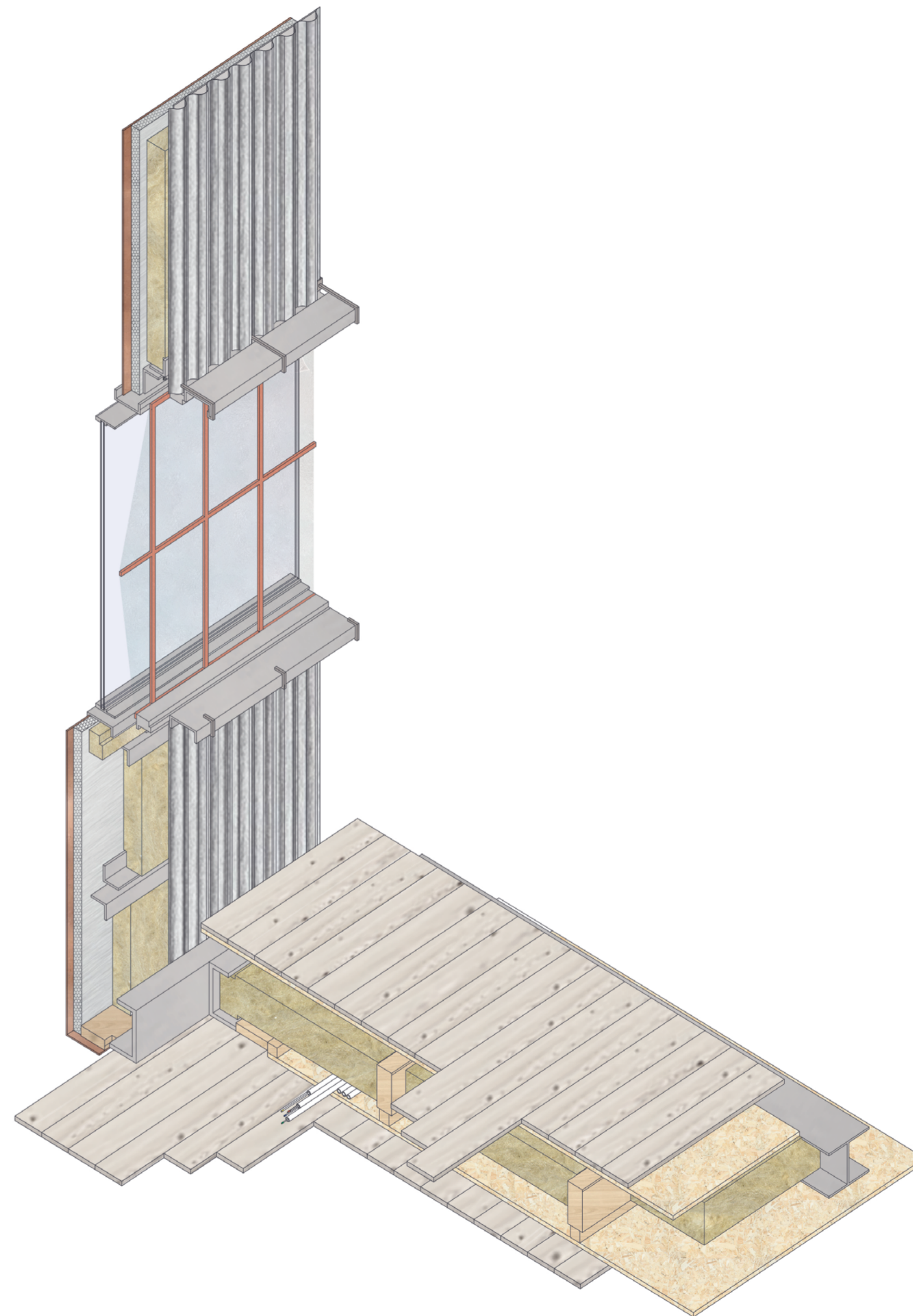
Detail

1:5



Detail

Isometric drawing



Picture
Current situation



Physical model illustration

Intervention

Day



Physical model illustration

Intervention

Night



Physical model illustration
Intervention
Concert



Physical model illustration

Intervention

Gym



Physical model picture

Intervention

Everyday use



Physical model picture
Intervention
Everyday use



Physical model picture

Intervention

Everyday use



Physical model picture
Intervention
Everyday use



Physical model picture
Intervention
Everyday use



Physical model picture

Intervention

Everyday use



Physical model picture
Intervention
Everyday use

