

PRESENTATION

Studio: A SCHOOL FOR THE TIMBER AGE

Category: Small Building (A)

Study year: 2019-2020 / 2nd semester

Student: **Esmee van Beekhuizen**

Rotterdamse Academie van Bouwkunst

Datum: 16-06-2020

Tutors

Jan Nauta - Studio Nauta

Benjamin Filbey - Studio Nauta

Wilma Kempinga - Bureau mevrouw Meijer / research

Ernesto Yélamos (studio Yélamos) - communication

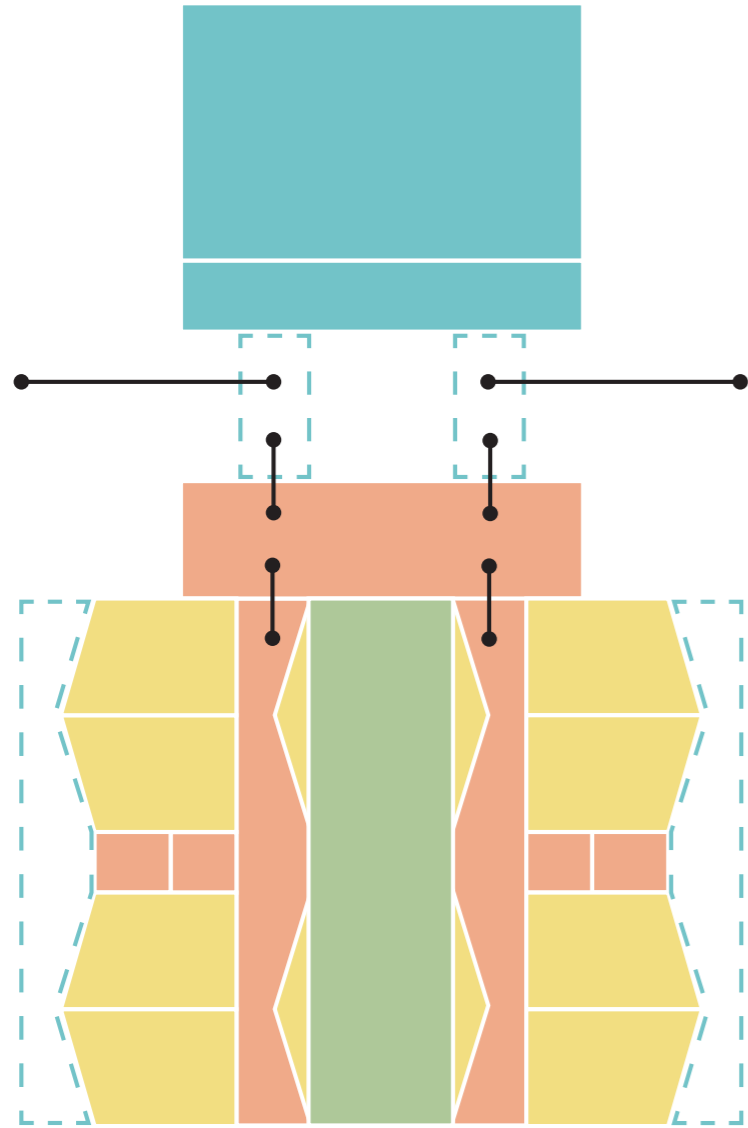
Inbetween layers

inside - outside

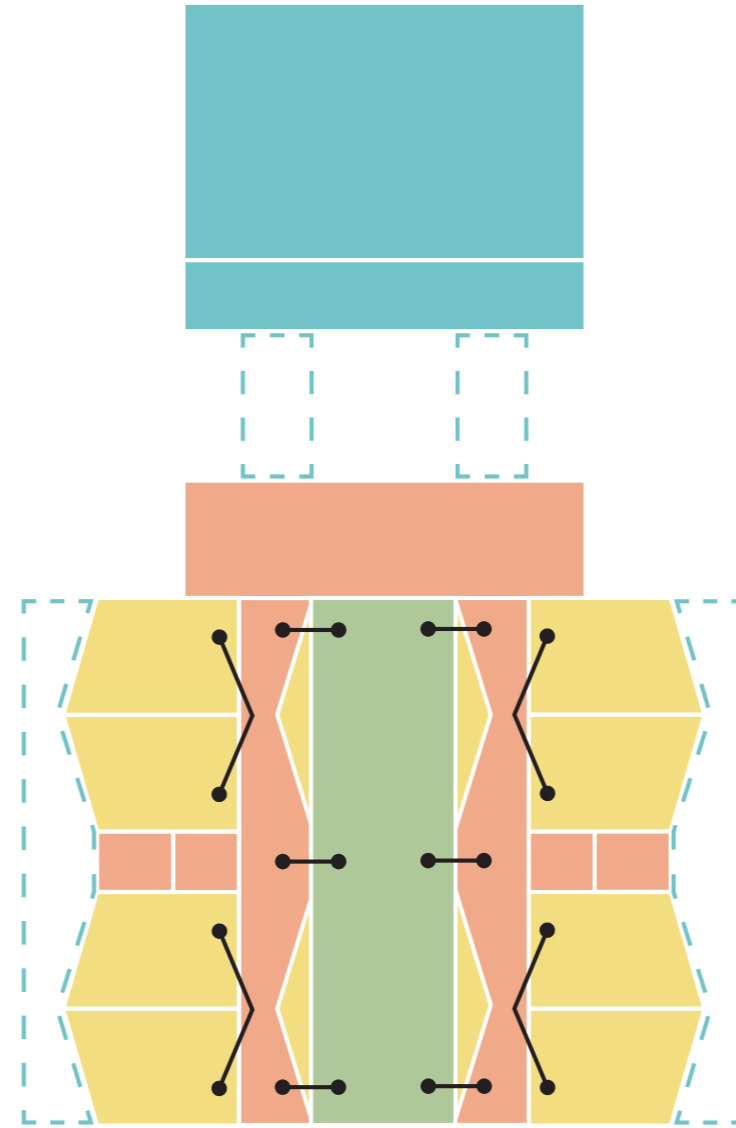


Like a stone that has different characteristics and properties. The layers provide space inside and outside.

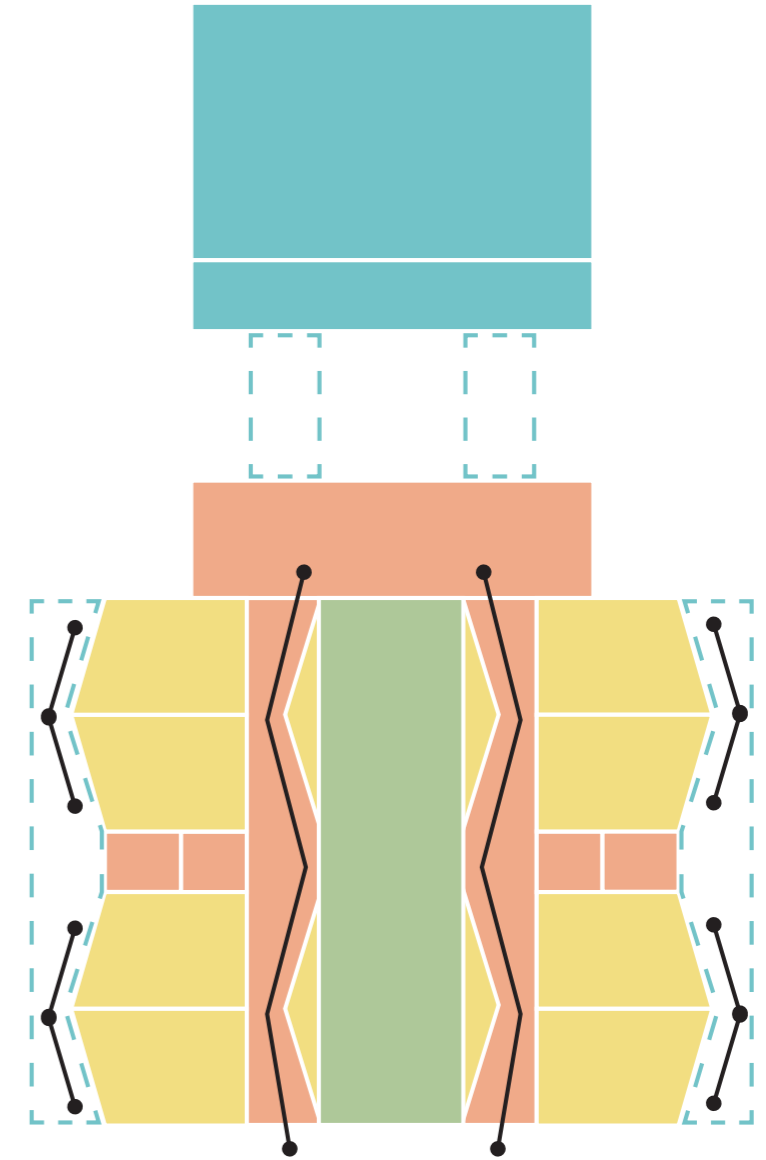
Concept



1. From the main entrance doors you can immediately see the entire corridor.



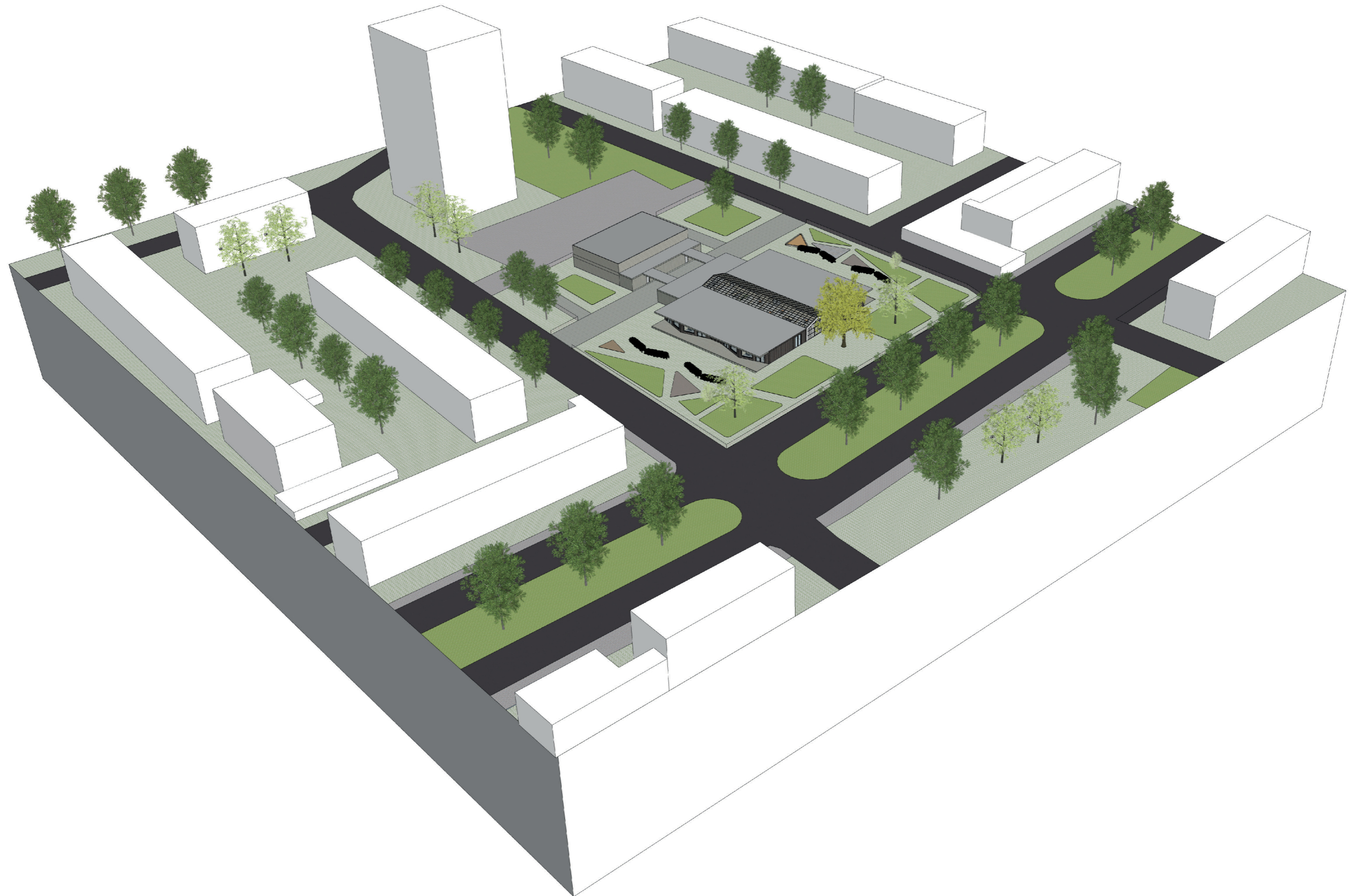
2. Connection between the layers

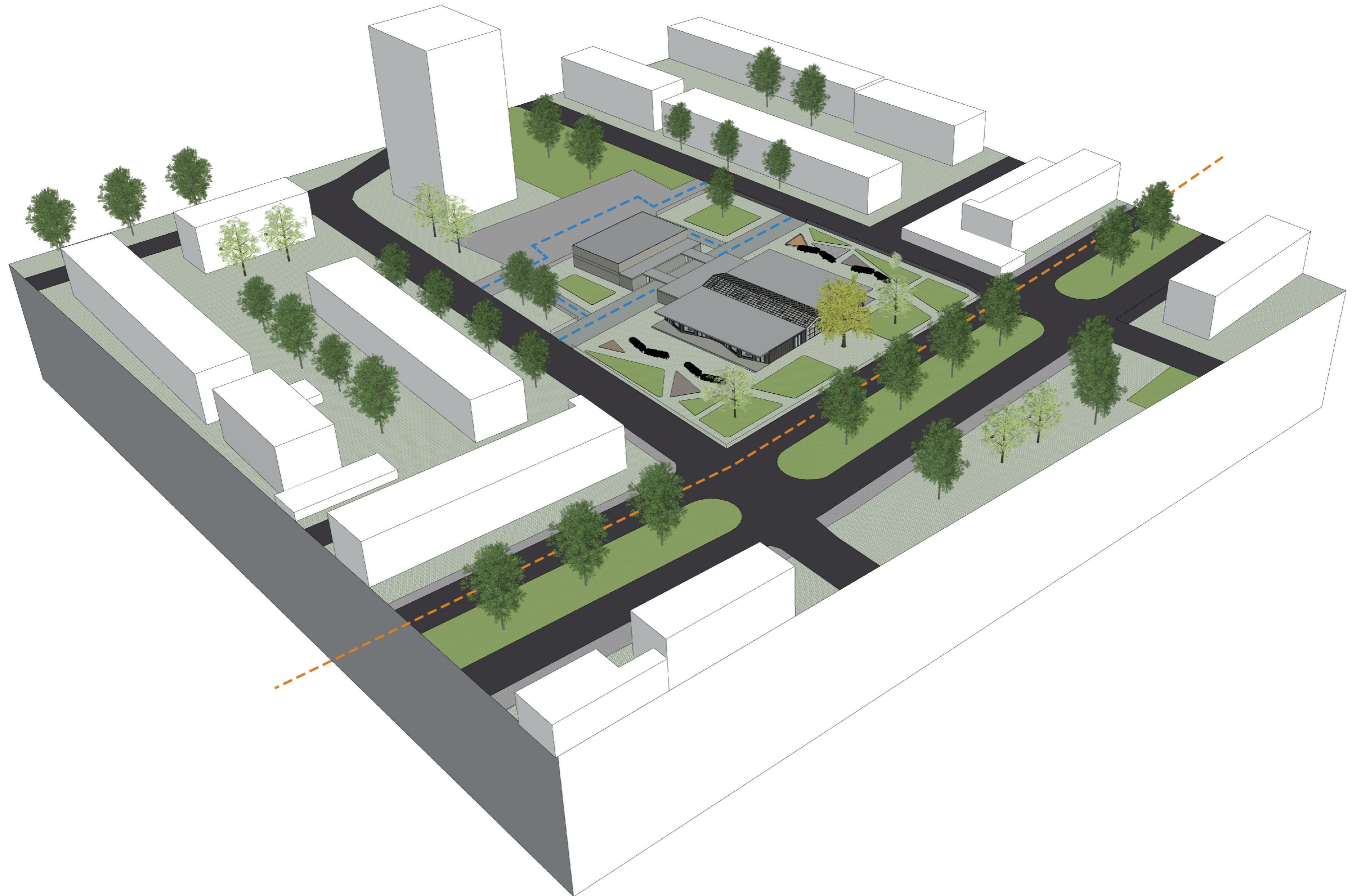


3. Intimacy and playfulness pervades the corridor inside and outside

Visual greenhouse

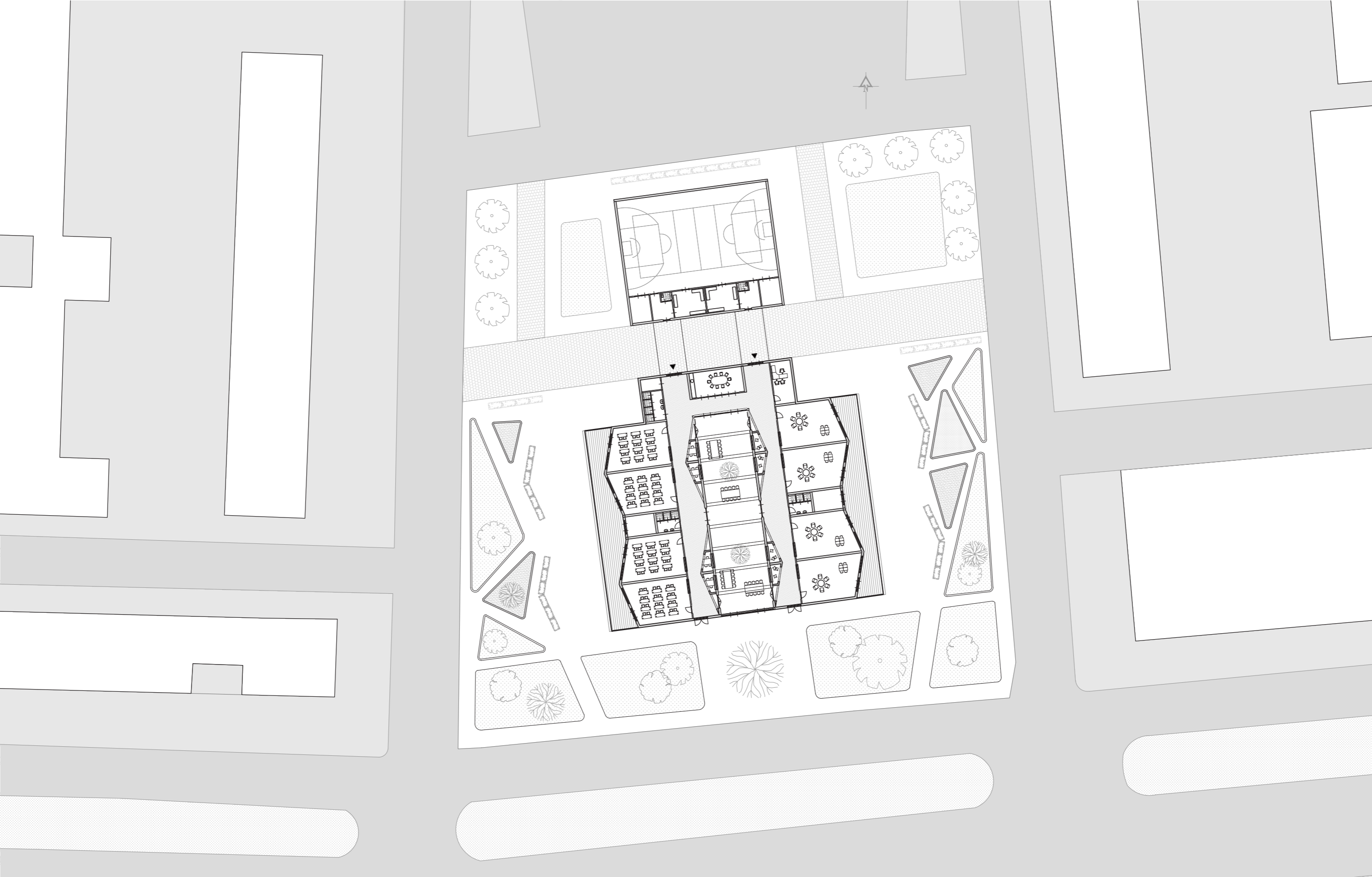


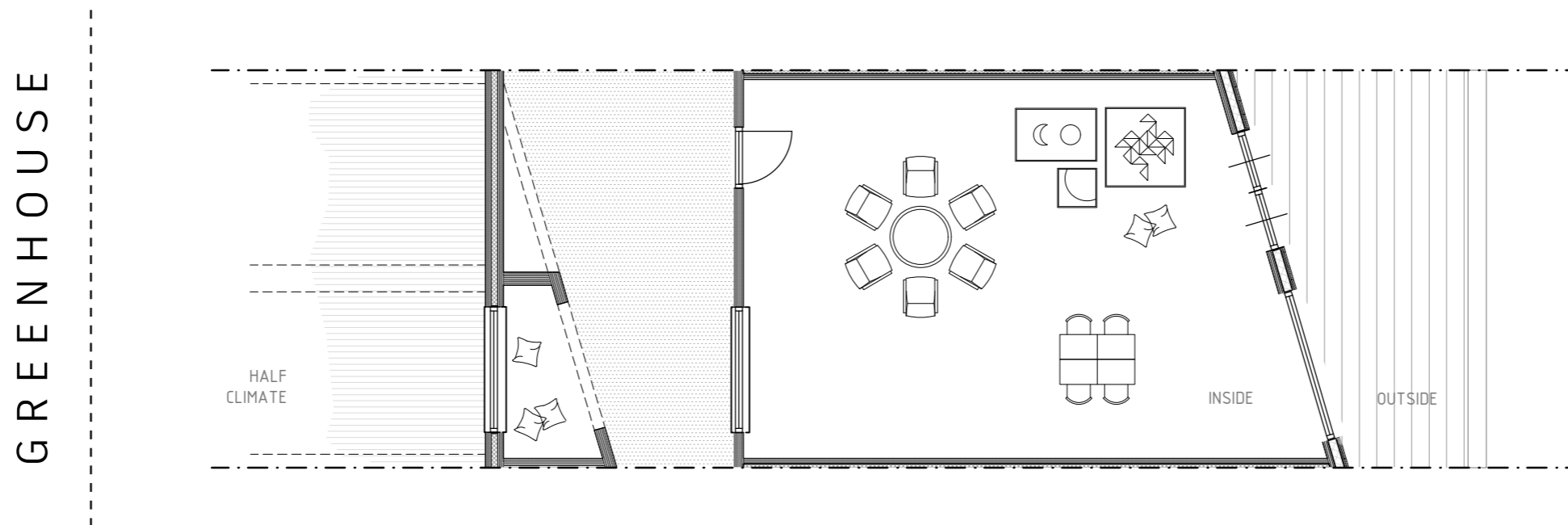
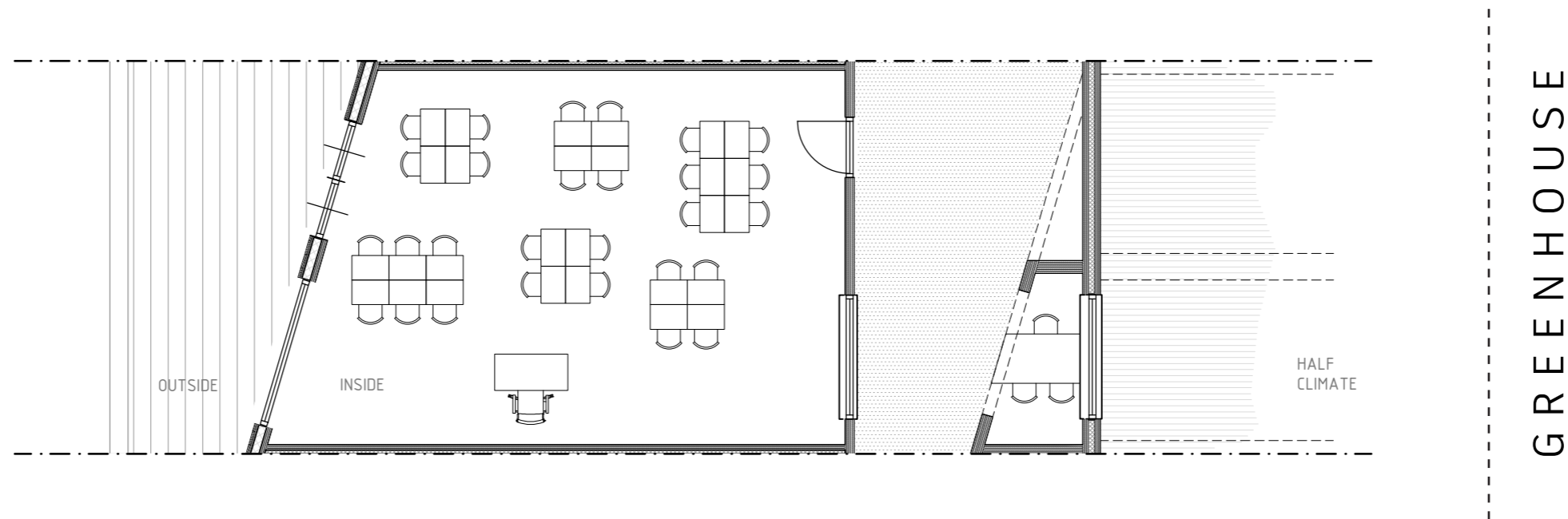




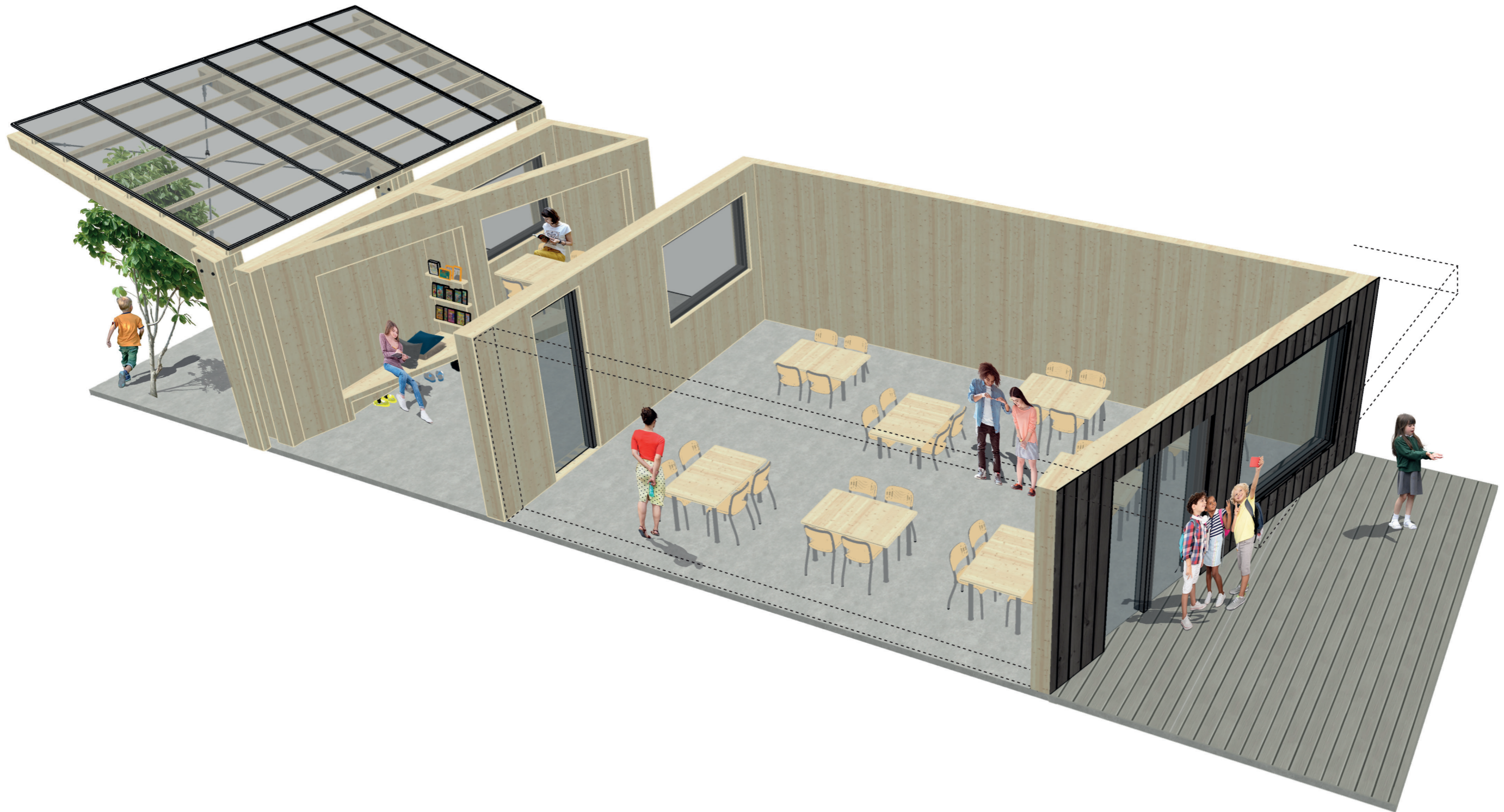
Visual routing



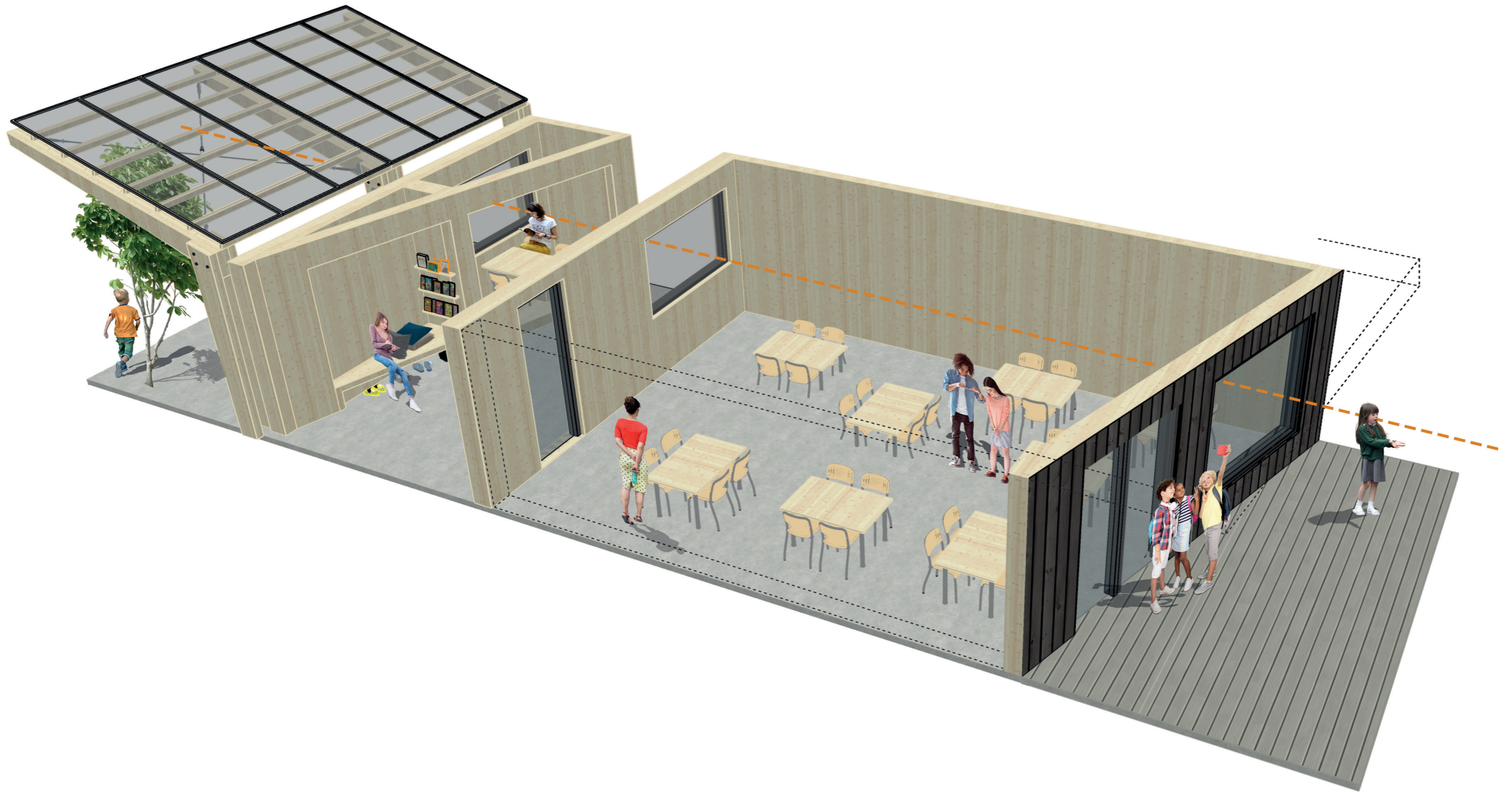




The unique corners give a playful and intimate space.



The unique corners give a playful and intimate space.

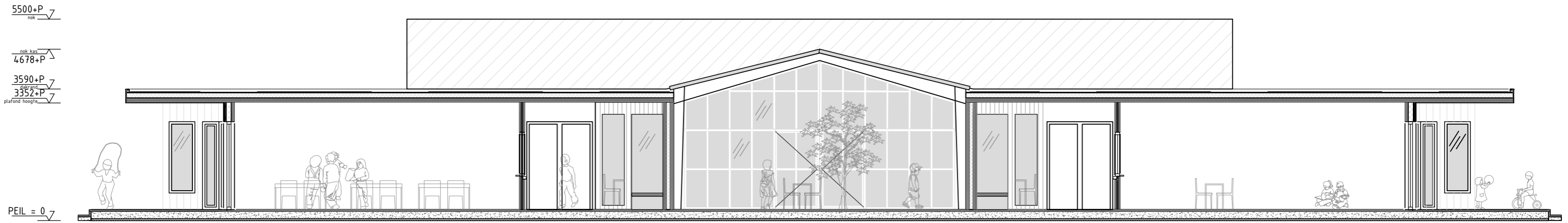


Visual corridor



Section A

Schaal 1 : 100



Detail 1:20 roof connection with classroom

3590+P
NOK

280

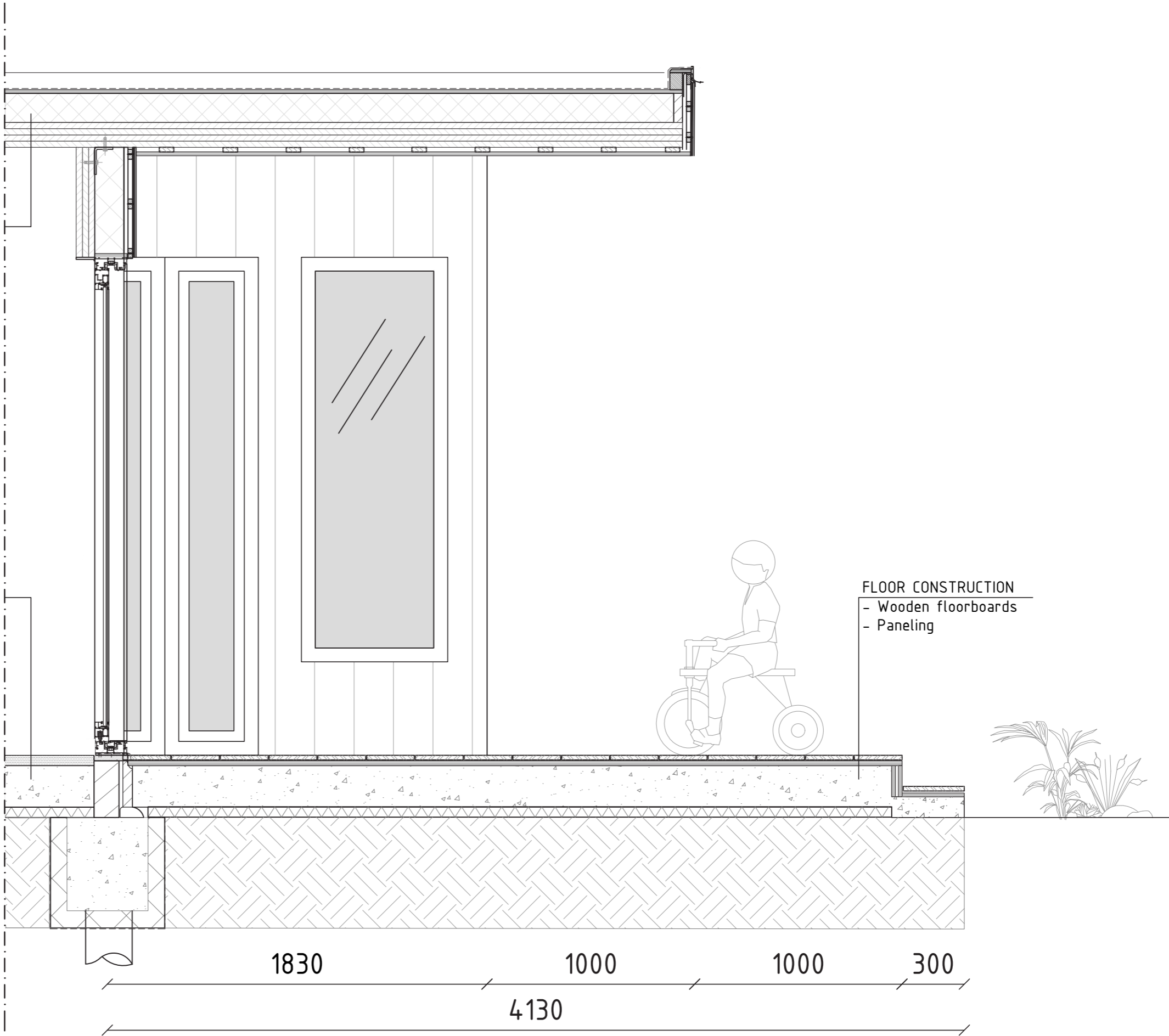
- ROOF CONSTRUCTION
- Bitumen
 - Underlayment
 - Vaporproof layer
 - Isolation Kingsspan
 - CLT cross laminated timber

2930

- FLOOR CONSTRUCTION
- Concrete screed
 - Concrete floor
 - Isolation
 - Foundation

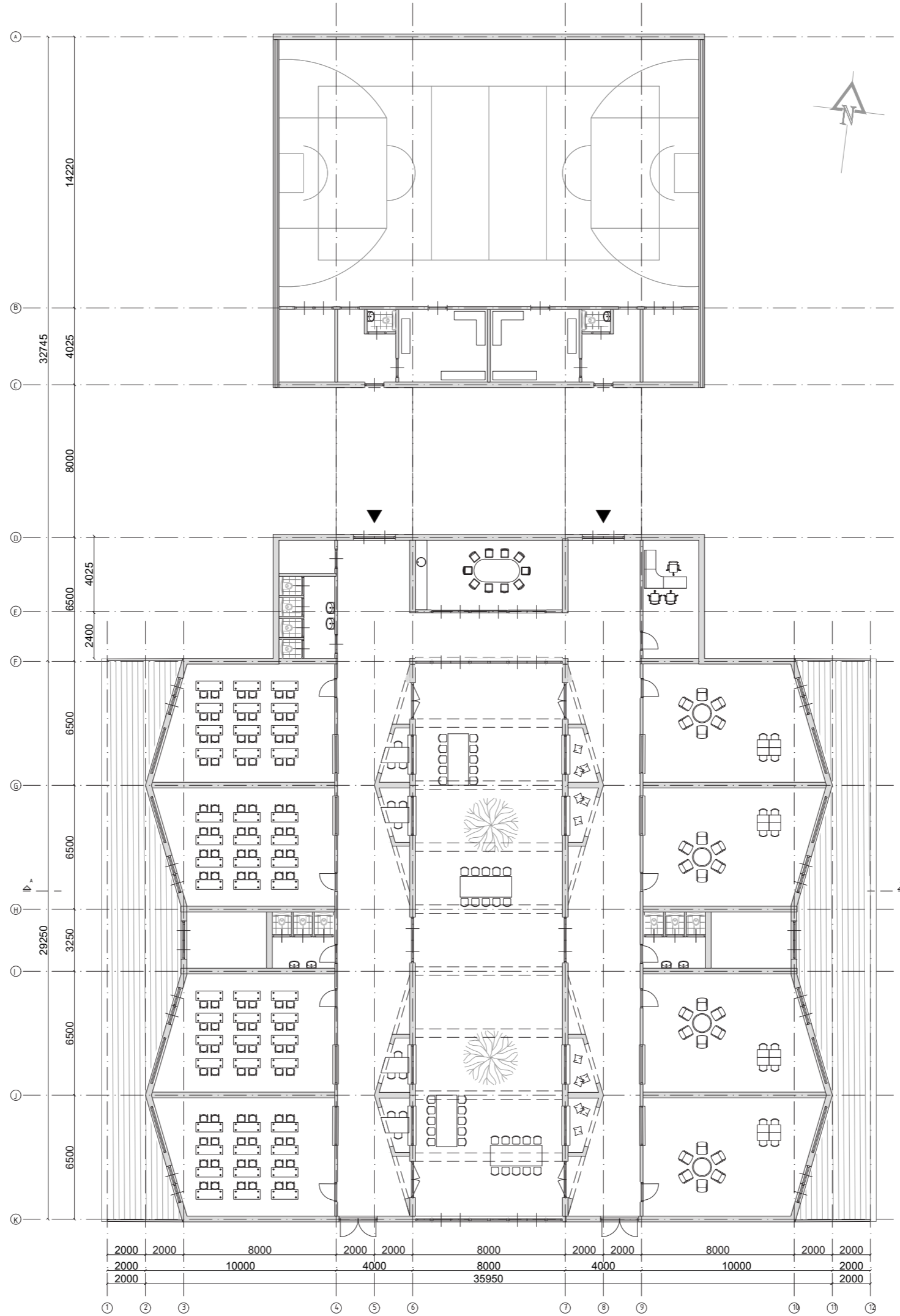
- FLOOR CONSTRUCTION
- Wooden floorboards
 - Paneling

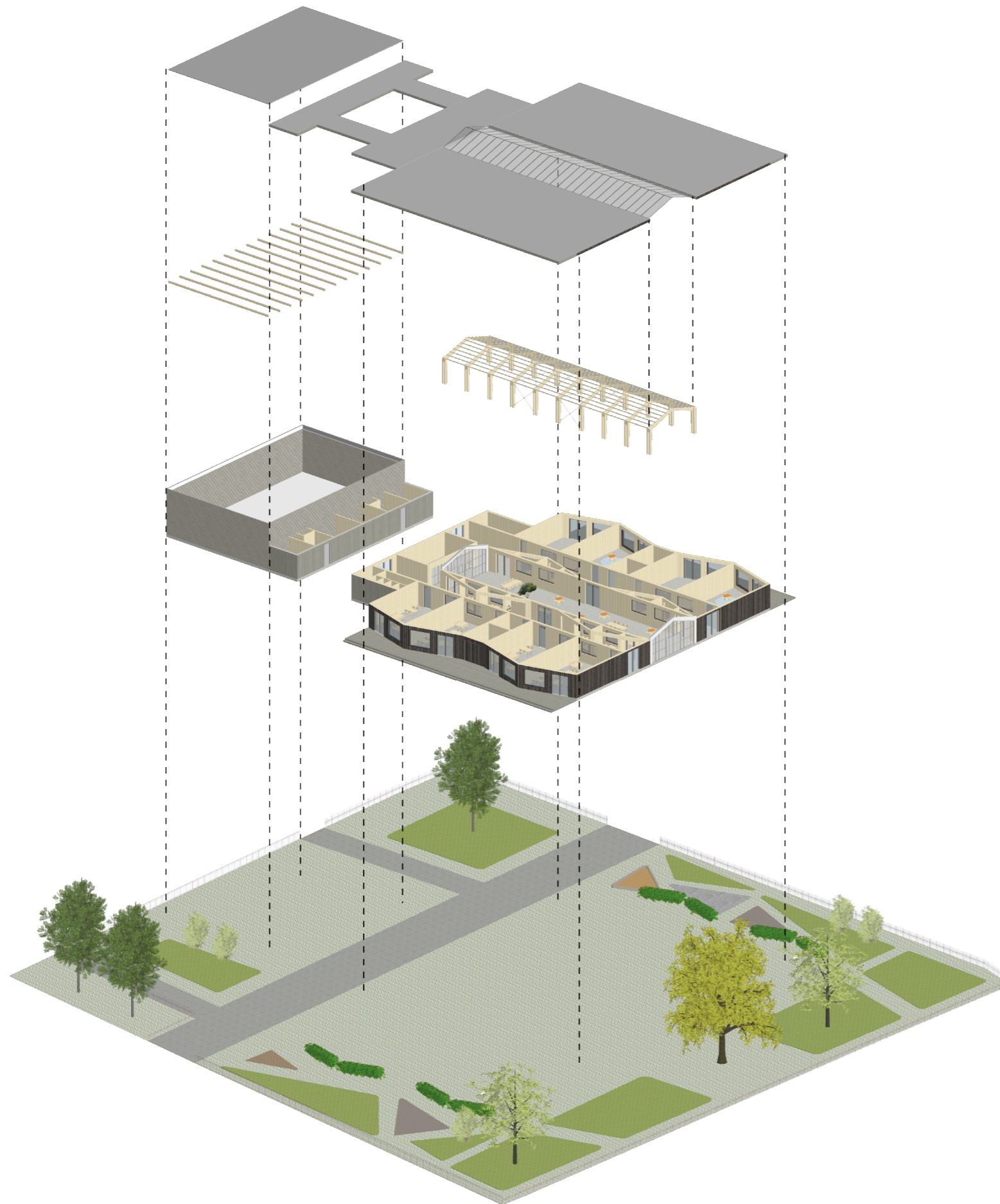
PEIL = 0



Visual corridor outside





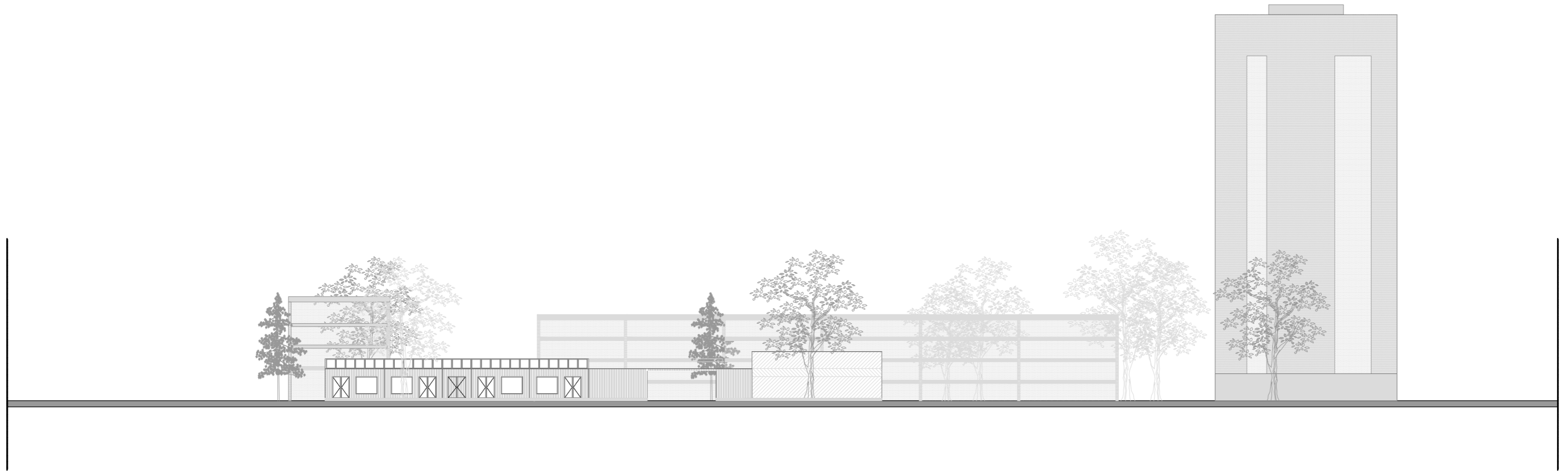


- 1. Roof**
 - CLT panels
 - Glass roof elements
- 2. Timber construction**
 - Wooden beam construction
 - Laminated trusses with bracing
- 3. Program**
 - Sports hall with changing room
 - Corridor with unique practice angles
 - Classroom
 - Green house
- 4. Urban landscape**
 - The routing by car, bicycle and by foot.
 - Various playgrounds

Front view

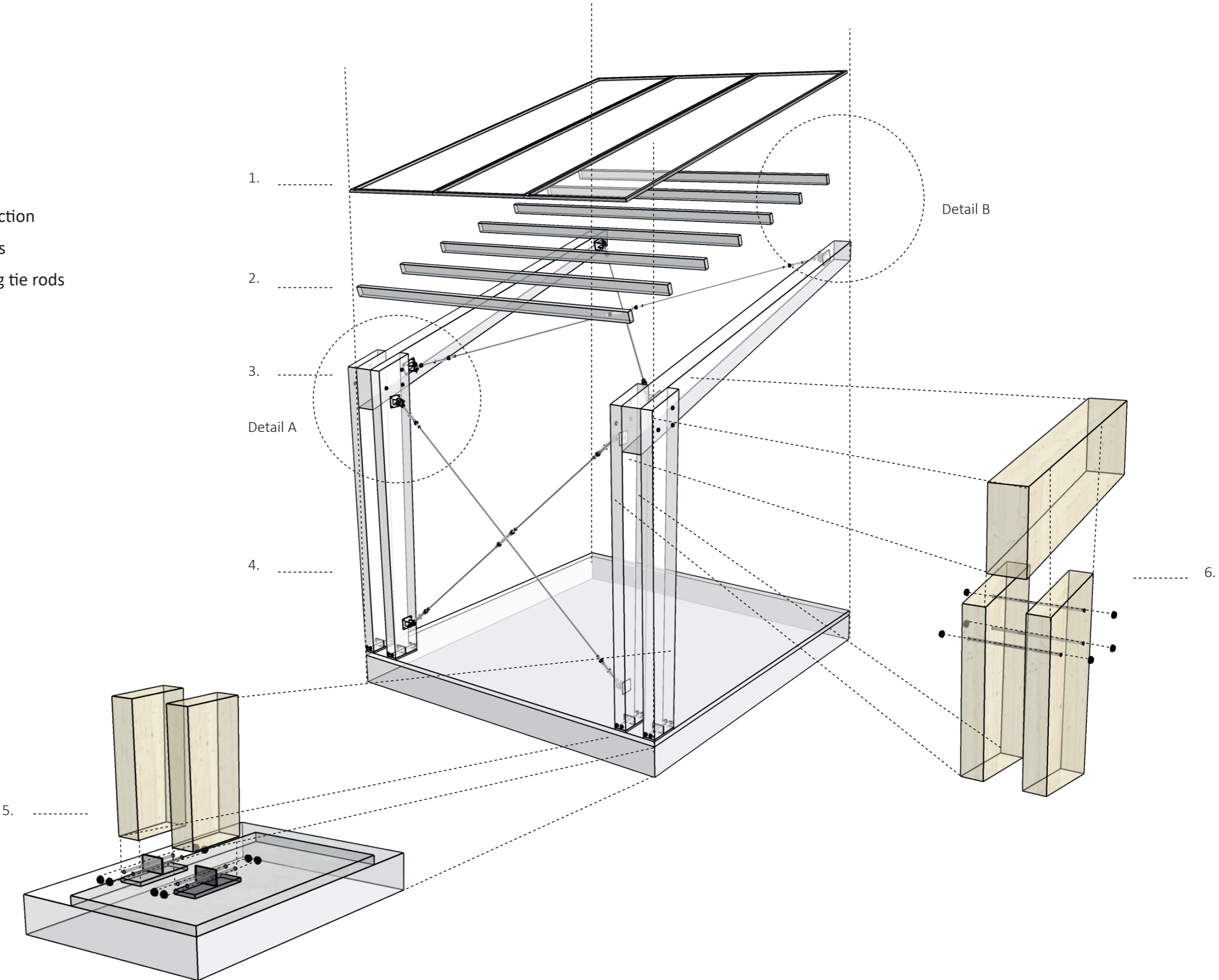


Facade right

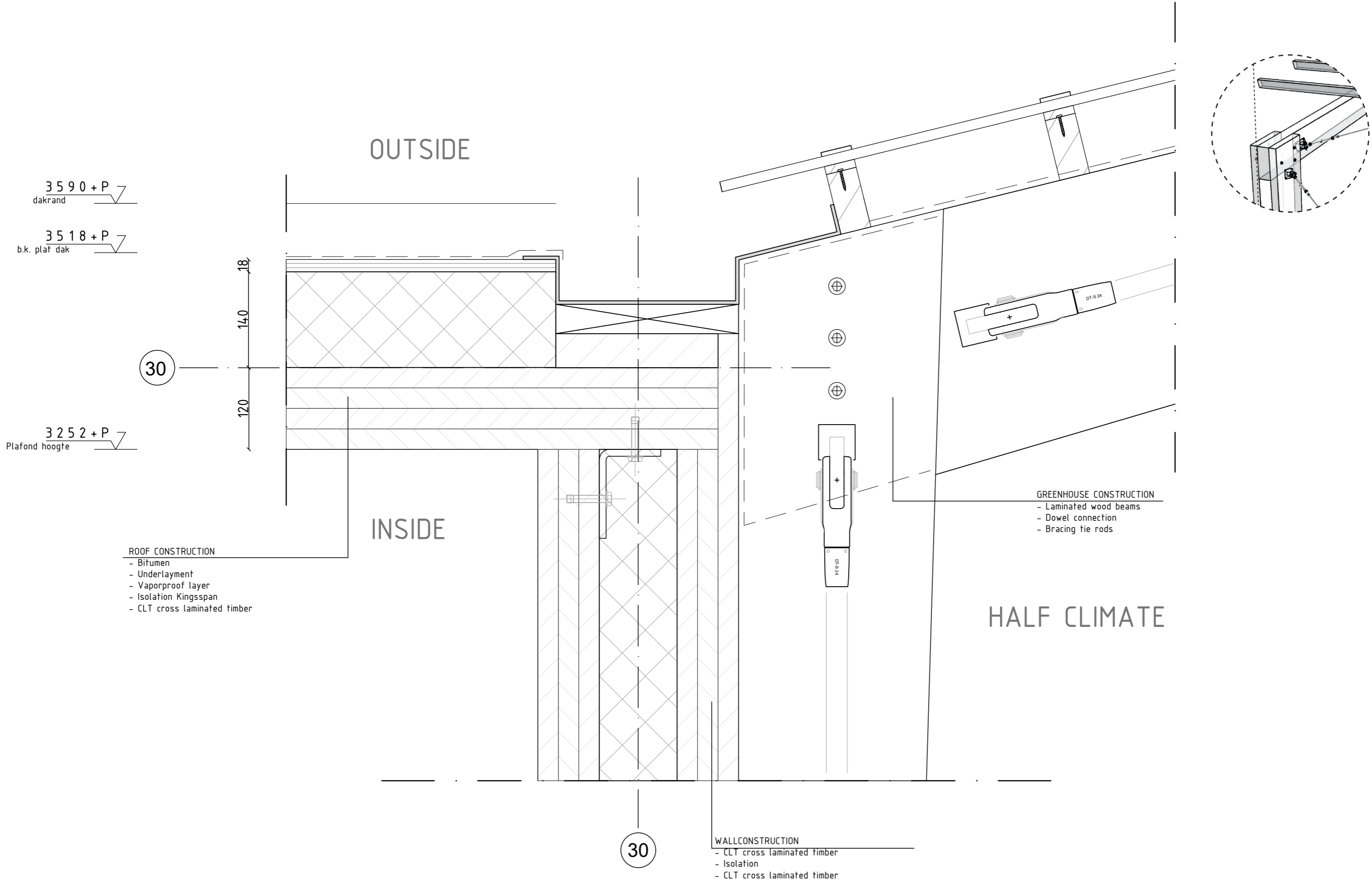


Construction greenhouse

- 1. Glass roof
- 2. Wooden beam construction
- 3. Laminated wood beams
- 4. Wind bandage - bracing tie rods
- 5. Truss anchoring
- 6. Dowel connection



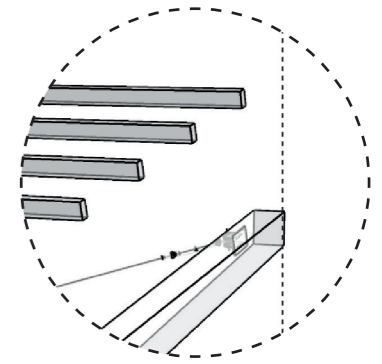
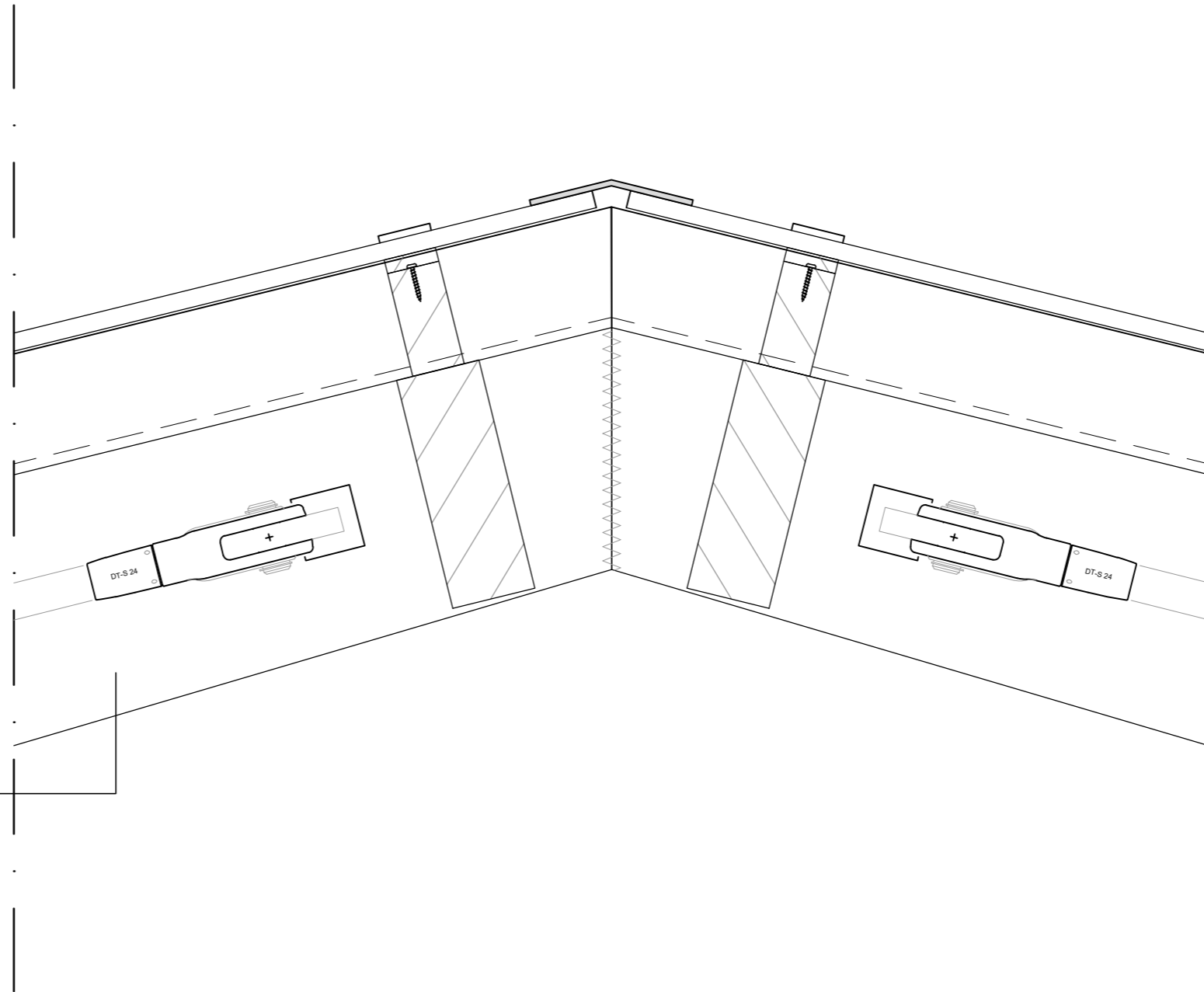
Construction greenhouse - Detail A



4 7 0 5 + P
NOK

4 3 7 0 + P
b.k. onderkant dak

GREENHOUSE CONSTRUCTION
- Laminated wood beams
- Dowel connection
- Bracing tie rods



Visual greenhouse

