

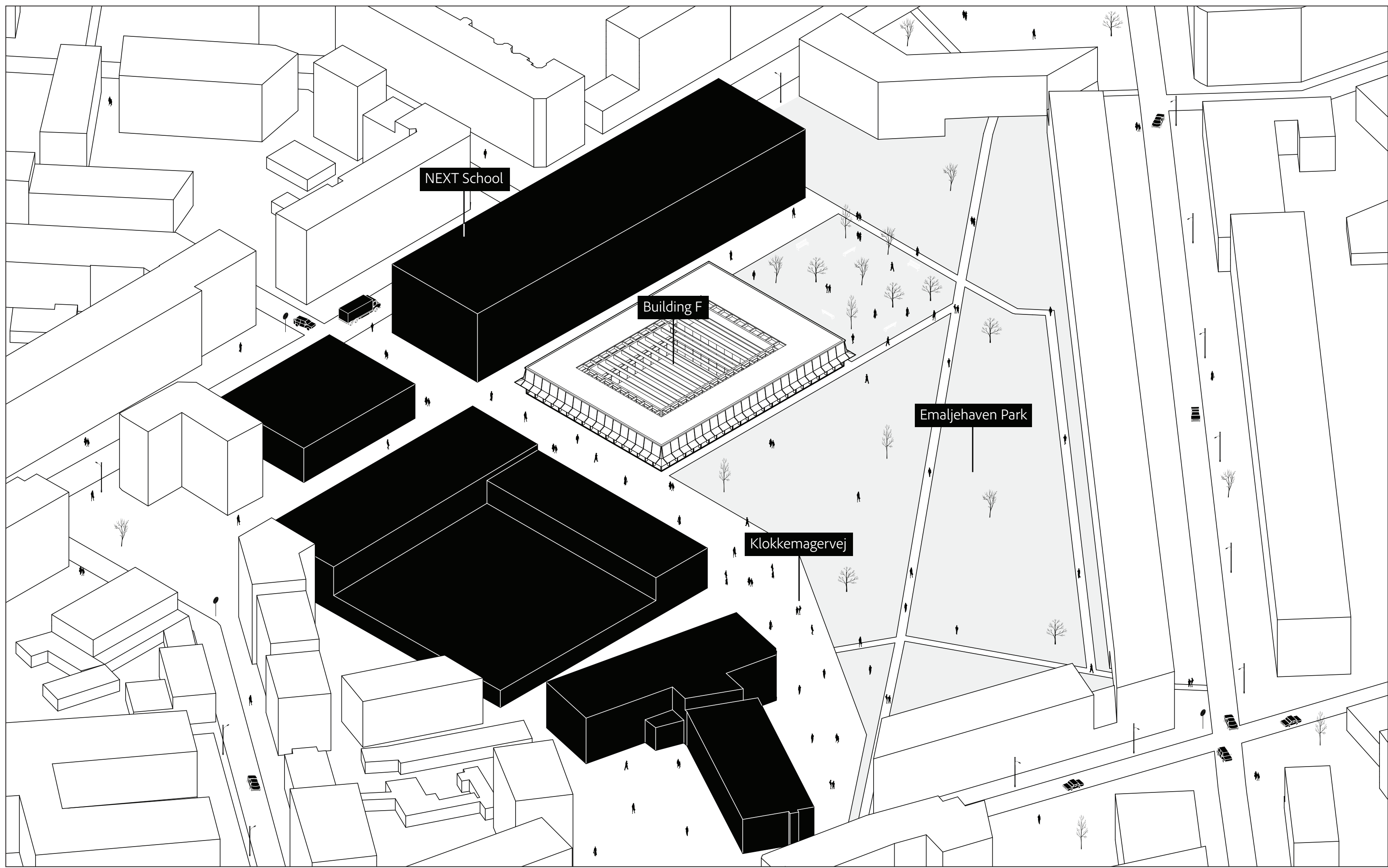
COMMUNITY IN THE MAKING

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MSc 4 Architecture 2024/25
Public Building Graduation Studio
Public Condenser, Copenhagen

*'Transforming a Vocational School Building
in Bispebjerg into a Public Condenser'*



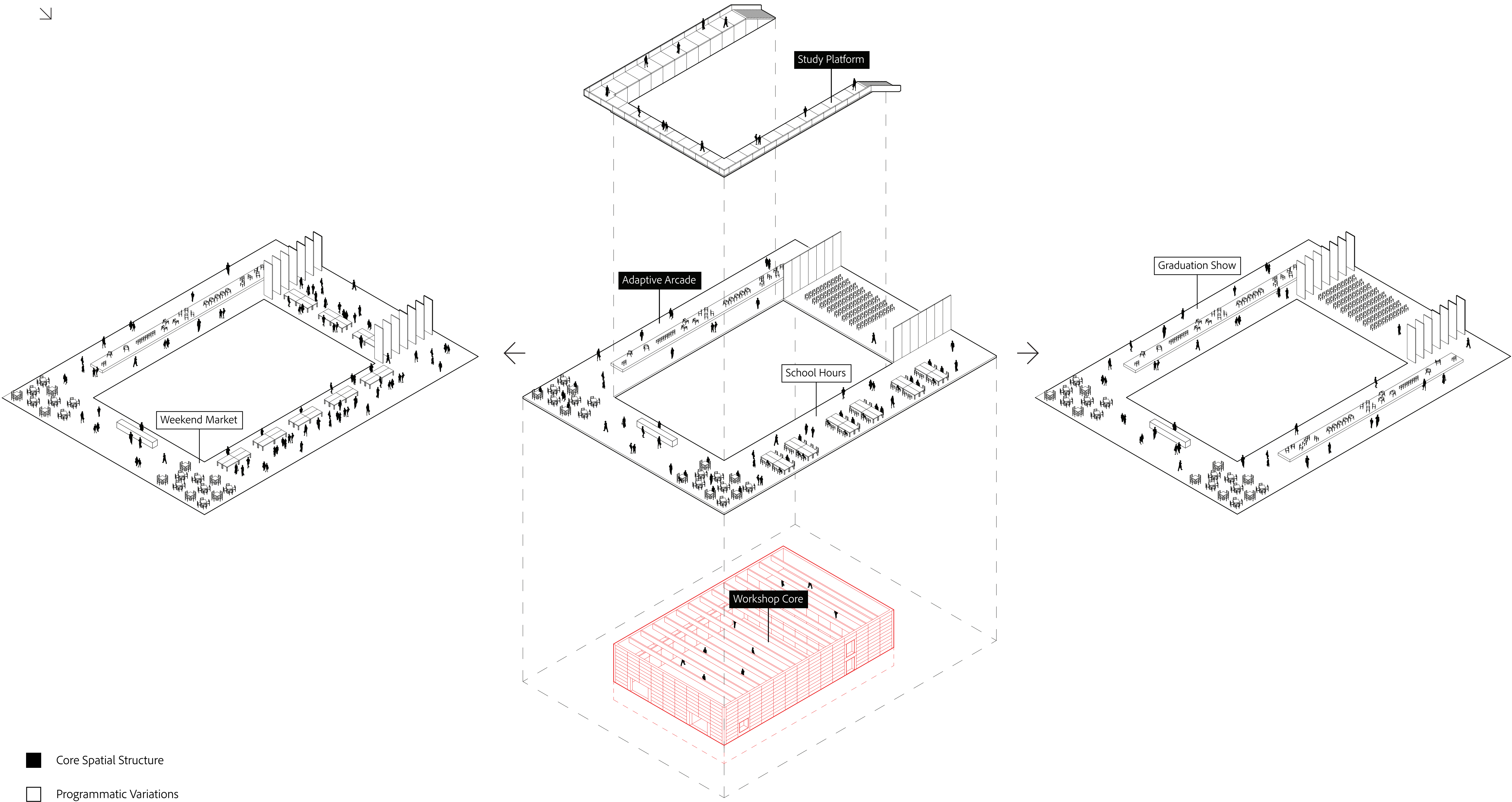
Klokkebjerg Approach ➤



In Bispebjerg, Copenhagen, the NEXT vocational school sits at the heart of a district marked by strong traditions of craftsmanship but also facing significant social challenges. As part of urban renewal efforts, the school's campus is being opened to the community, reflecting a broader push for educational institutions to engage more with society. *Community in the Making* transforms a closed campus building into a hybrid public space where vocational knowledge is shared through workshops, exhibitions, and informal learning. The project addresses declining vocational enrolment and reimagines schools as accessible, community-integrated spaces. Designed for flexibility, the building shifts from school use during the day to community programs after hours, contributing to the restoration of Bispebjerg's identity as a place of creativity and craft.

Urban Diagram

Spatial Concept Diagram



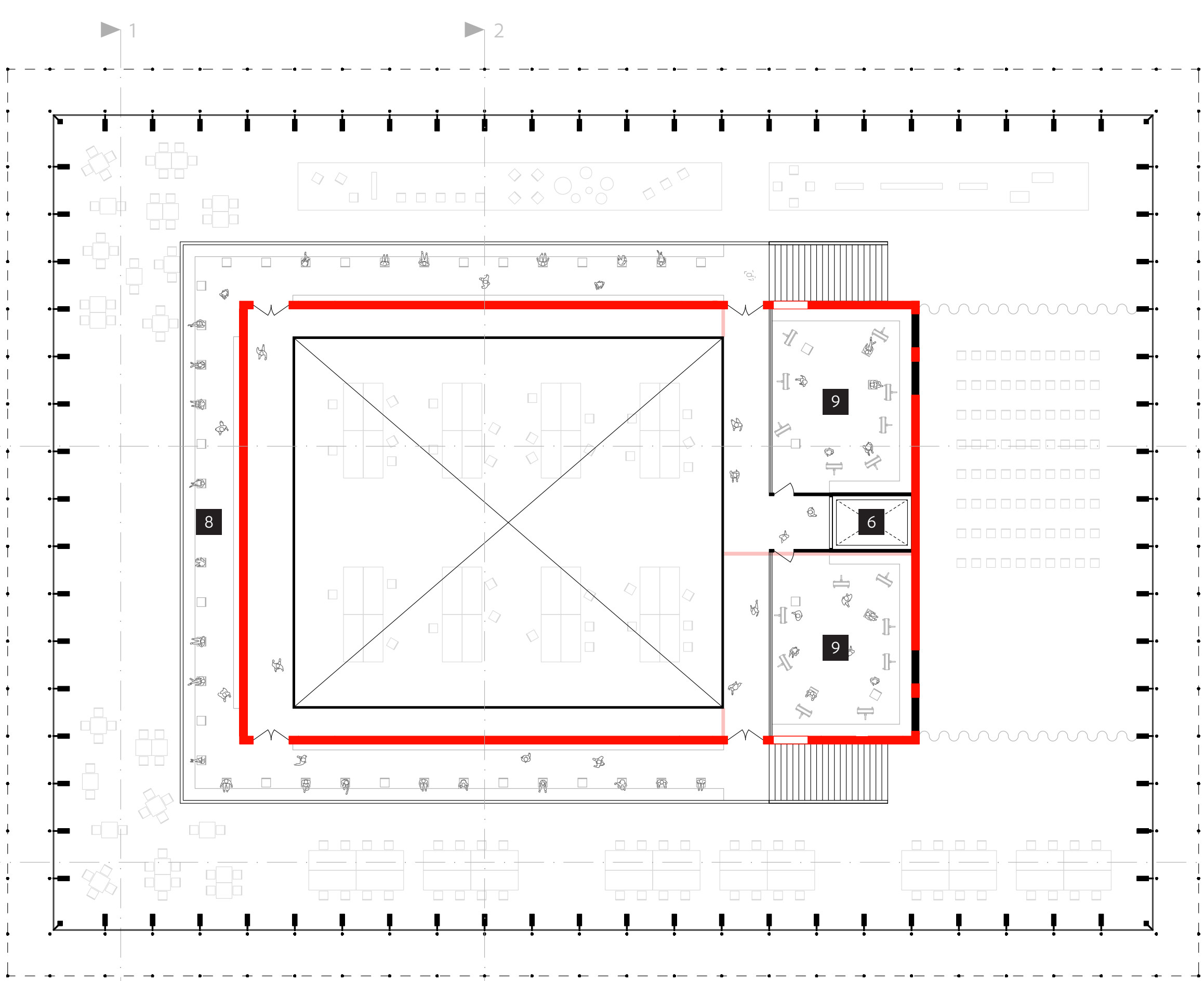
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- Preserved
- Removed
- Added

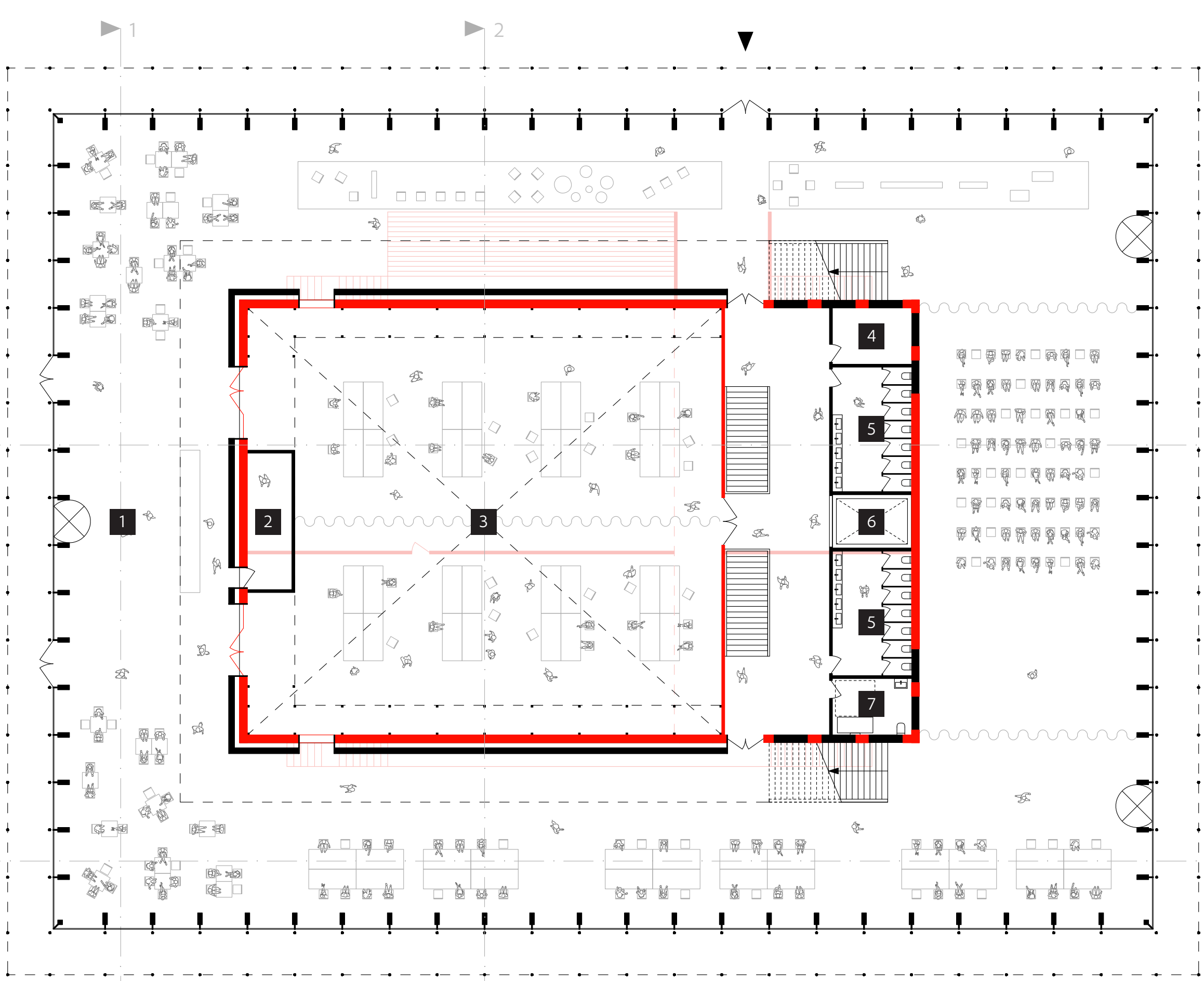
- 1 Adaptive Arcade
- 2 Café Storage
- 3 Craft Workshop
- 4 Utility Room
- 5 Toilet
- 6 Freight Elevator
- 7 Changing Places Toilet
- 8 Study Platform
- 9 Art Workshop
- 10 Storage & Archive
- 11 Technical Workshop
- 12 Technical Space



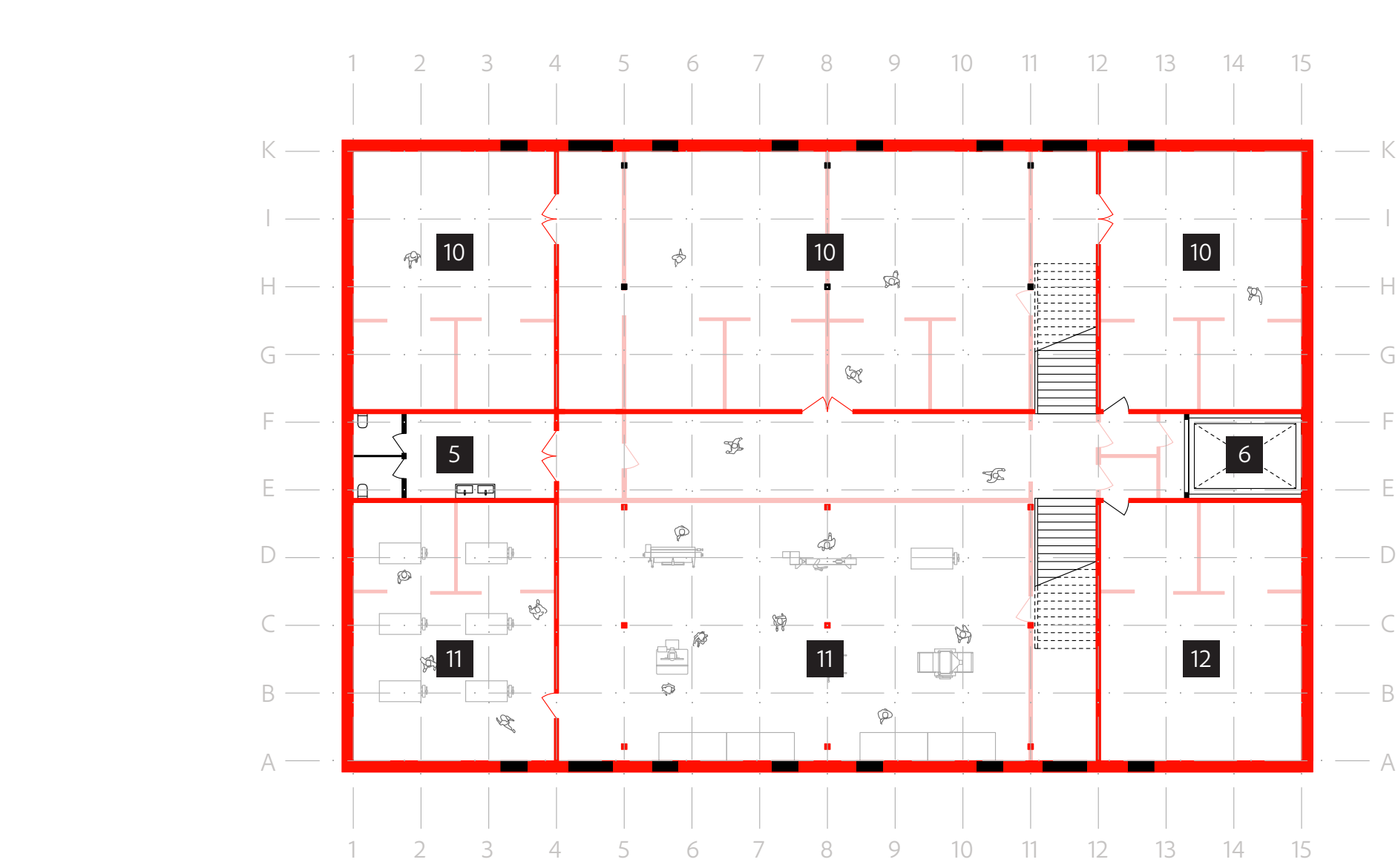
First Floor, 1:200



Ground Floor, 1:200

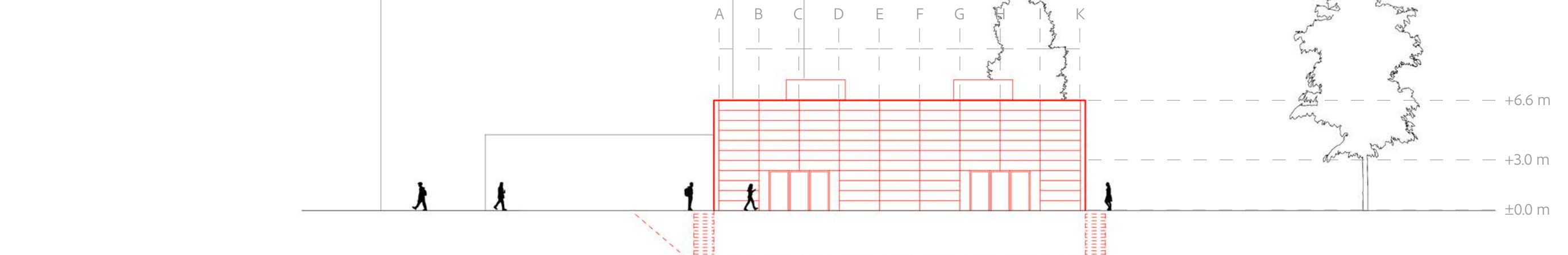


Basement Floor, 1:200



West Facade

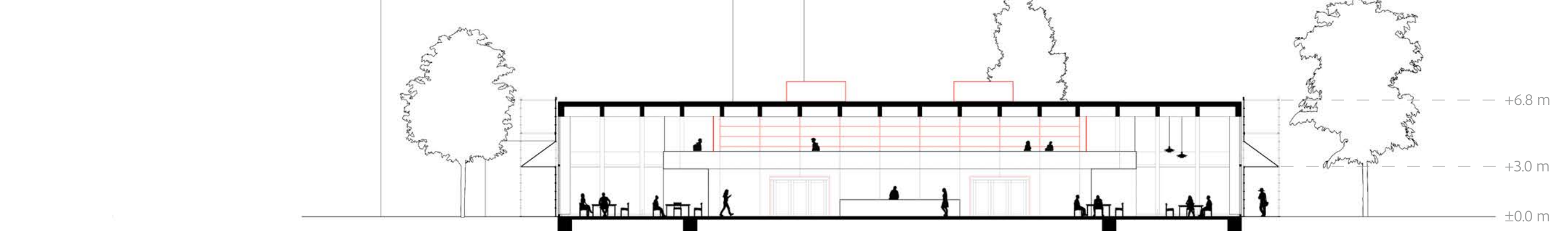
South Elevation, Existing



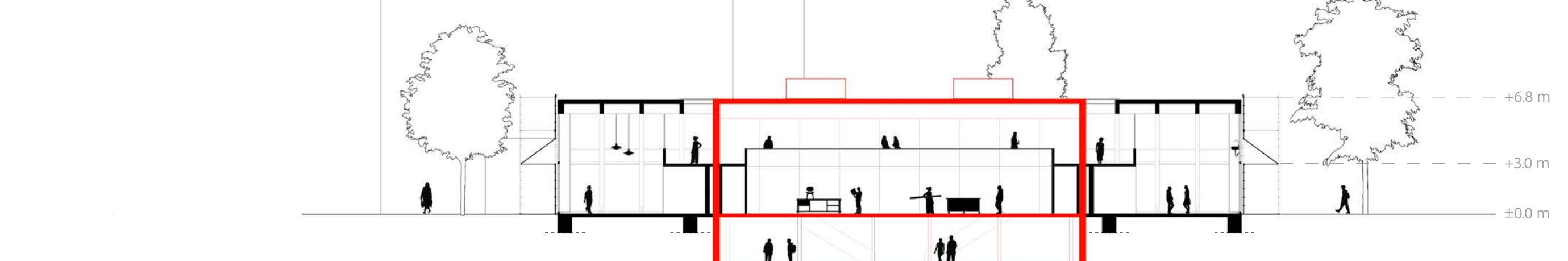
South Elevation, Proposal



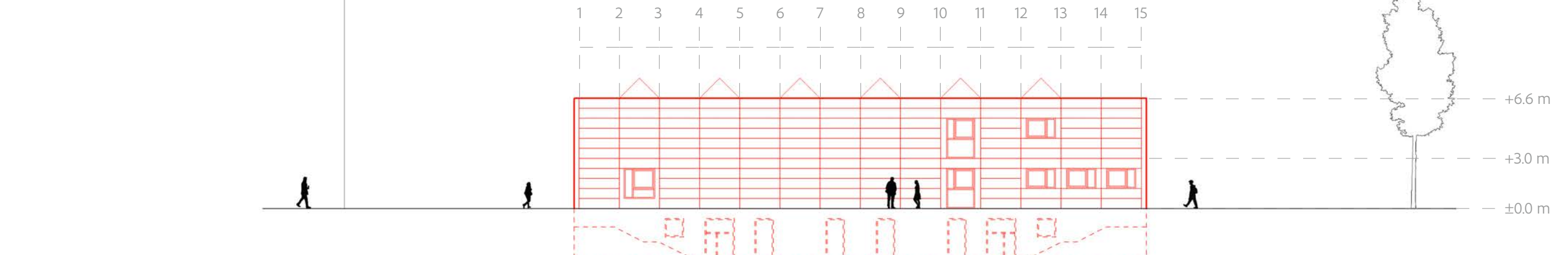
Section 1-1, 1:200



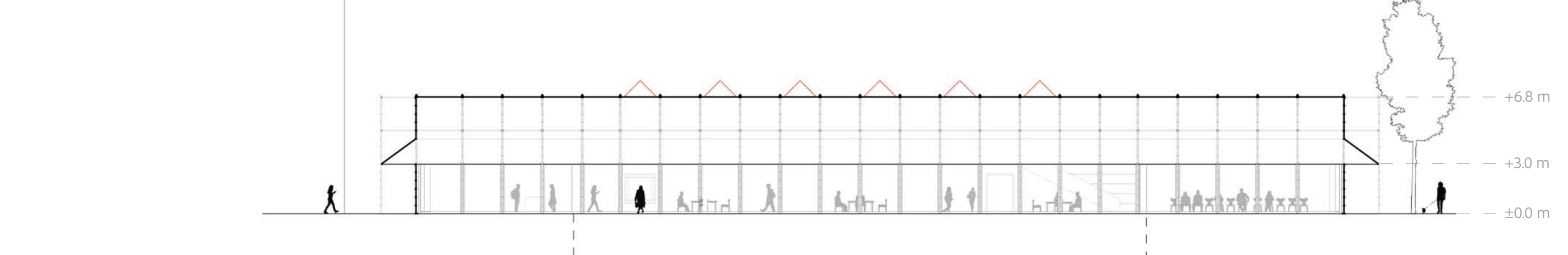
Section 2-2, 1:200



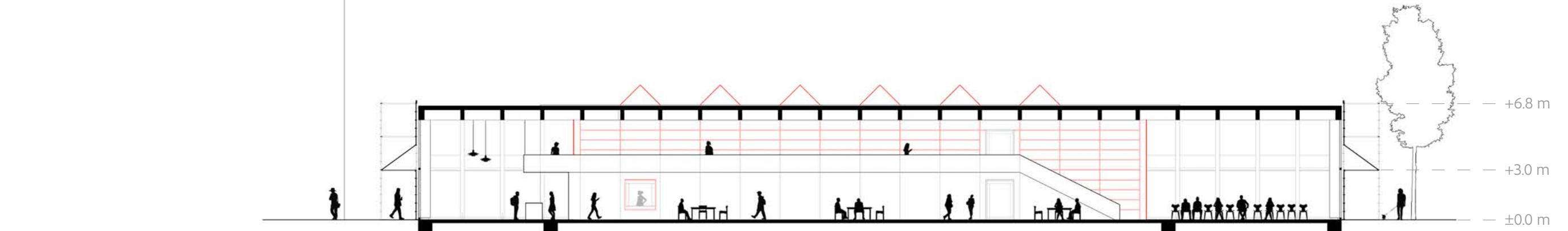
East Elevation, Existing



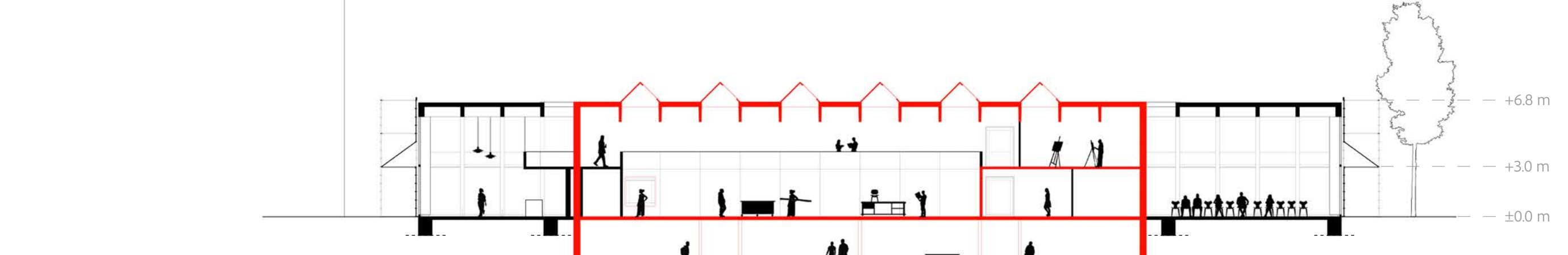
East Elevation, Proposal



Section A-A, 1:200



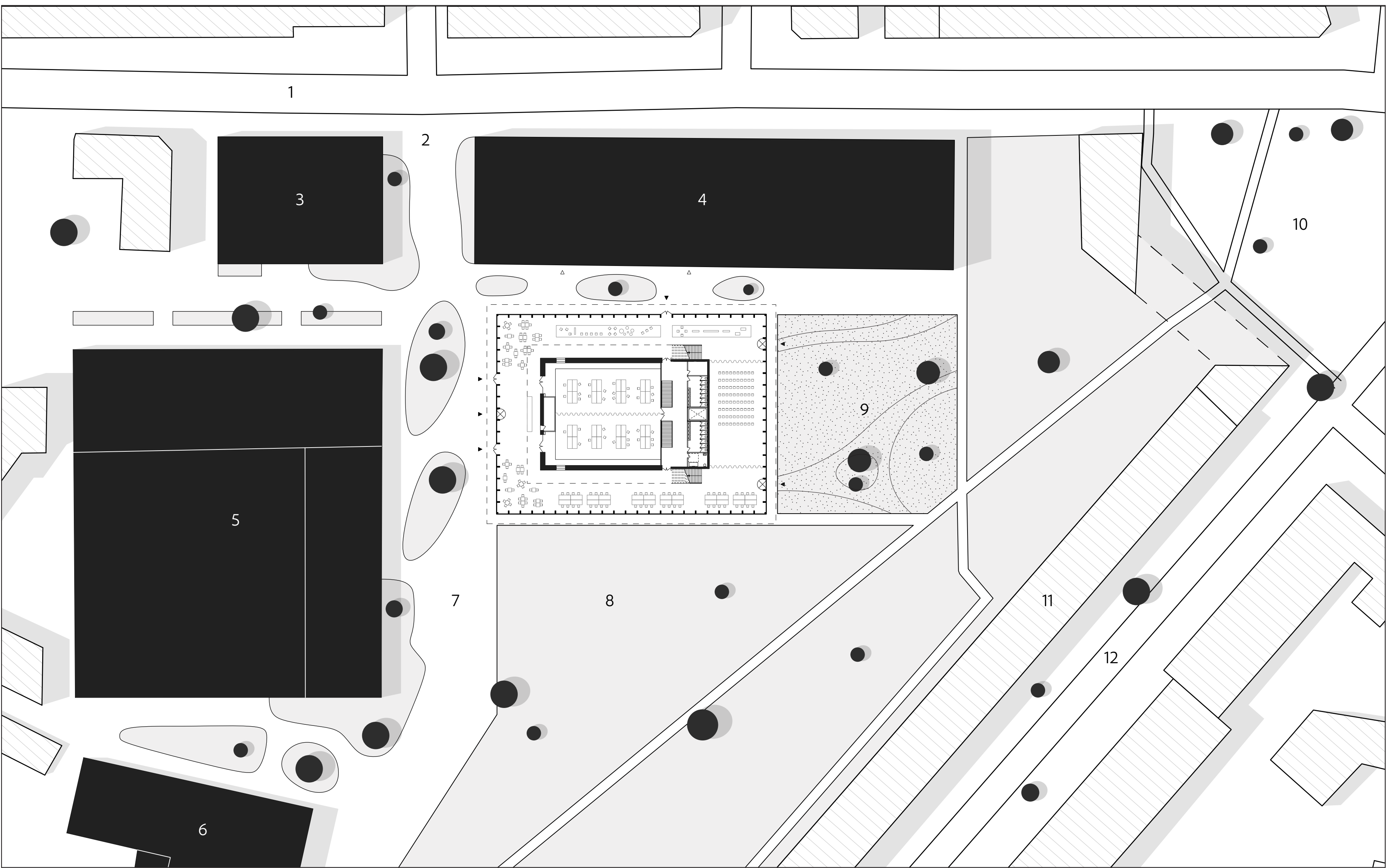
Section B-B, 1:200



COMMUNITY IN THE MAKING



South Entrance ➤



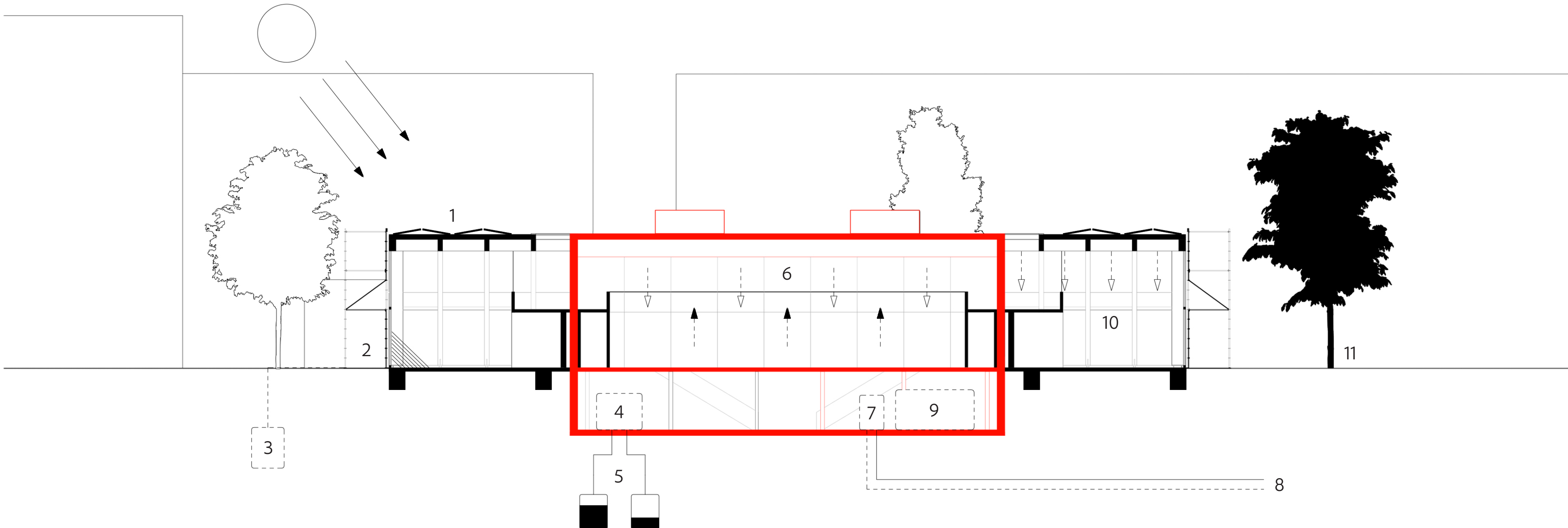
Urban Plan, 1:1000

- 1 Frederiksborgvej
- 2 Open West Entrance
- 3 Material Storage
- 4 Classrooms and Student Housing
- 5 Practice Academy
- 6 Classrooms and Canteen
- 7 Klokkebjergvej
- 8 Emaljehaven Park
- 9 Craft Garden
- 10 Emaljehaven Square
- 11 Emaljehaven Mixed Housing
- 12 Rentemestervej

- NEXT School
- Green Space
- Buildings

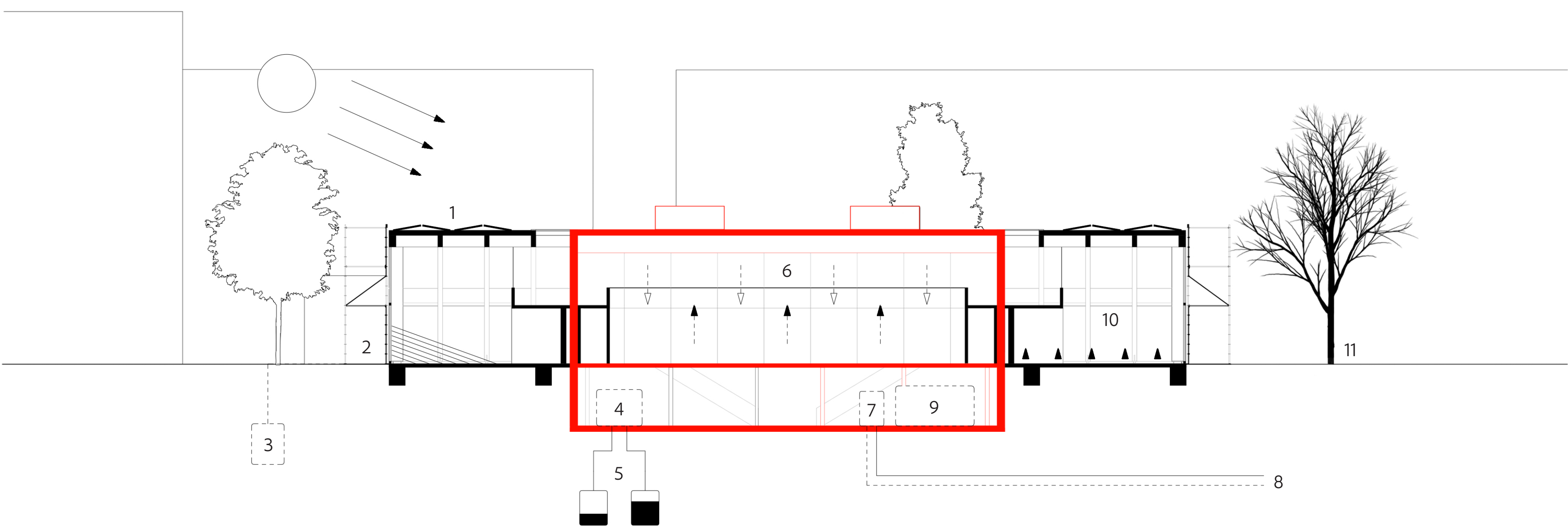
Summer Climate Diagram

- 1 Energy Production: Solar Panels (East-West)
- 2 Daylighting/Shading: Passive Shading Strategy
- 3 Water Management: Rainwater Harvesting & Reuse
- 4 Ground Source Heat Pump
- 5 Seasonal Ground Storage
- 6 Mechanical Ventilation (MVHR)
- 7 Heat Exchanger
- 8 District Heating
- 9 Air Handling Unit
- 10 Active Cooling via AHU (Heat Pump)
- 11 Green Space Expansion (UHI, Shading)



Winter Climate Diagram

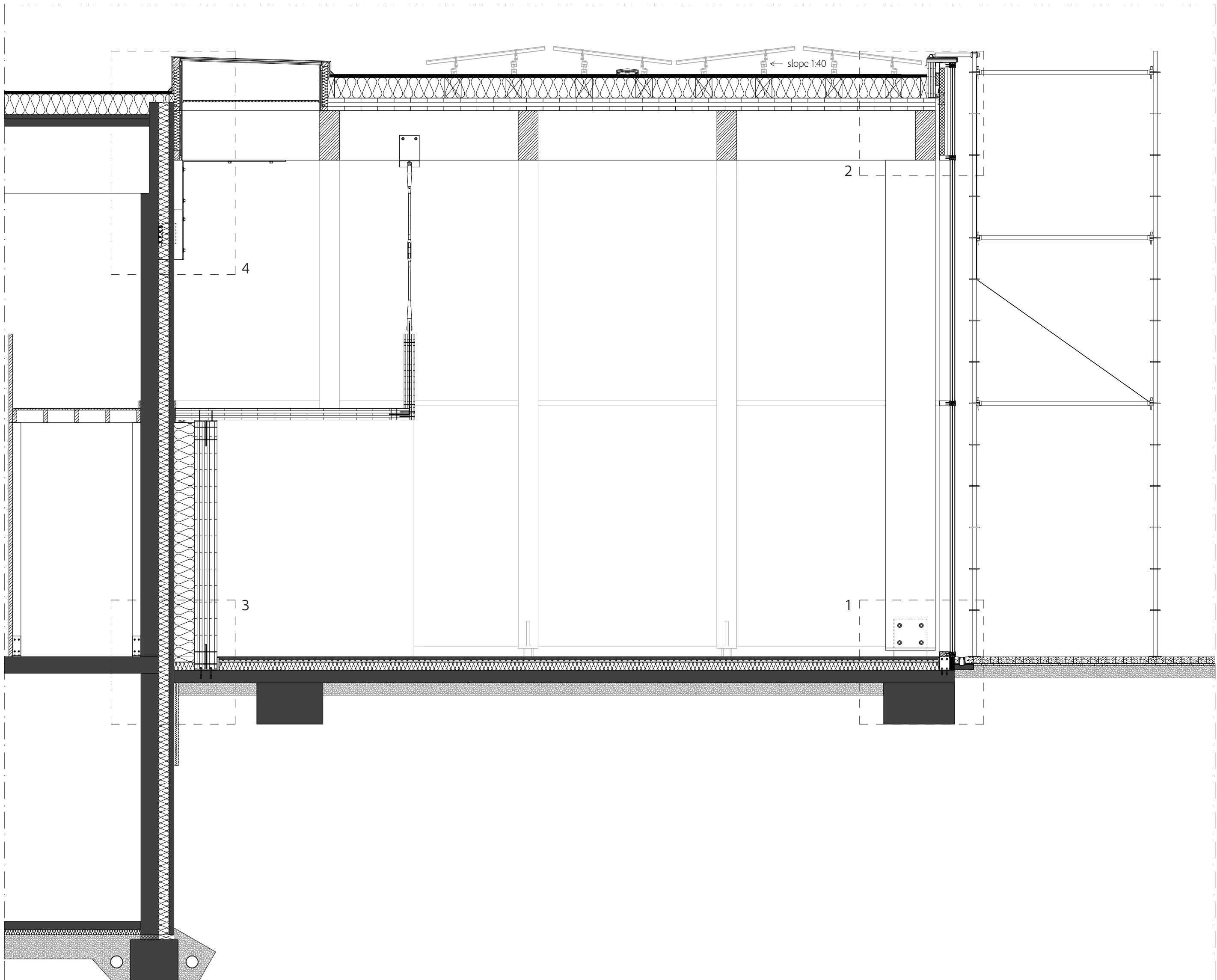
- 1 Energy Production: Solar Panels (East-West)
- 2 Daylighting/Shading: Passive Shading Strategy
- 3 Water Management: Rainwater Harvesting & Reuse
- 4 Ground Source Heat Pump
- 5 Seasonal Ground Storage
- 6 Mechanical Ventilation (MVHR)
- 7 Heat Exchanger
- 8 District Heating
- 9 Air Handling Unit
- 10 Underfloor Heating and Air Heating via AHU
- 11 Green Space Expansion (UHI, Shading)



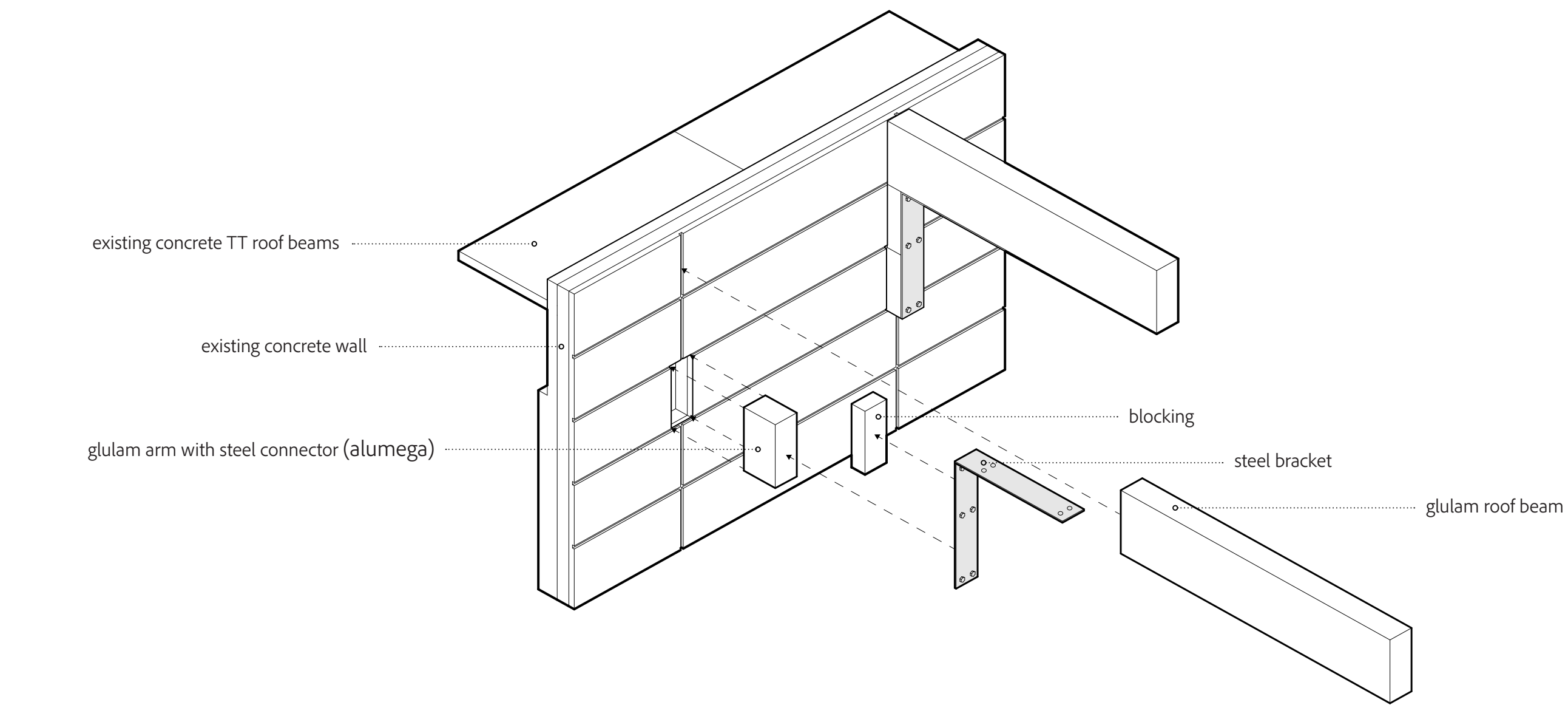
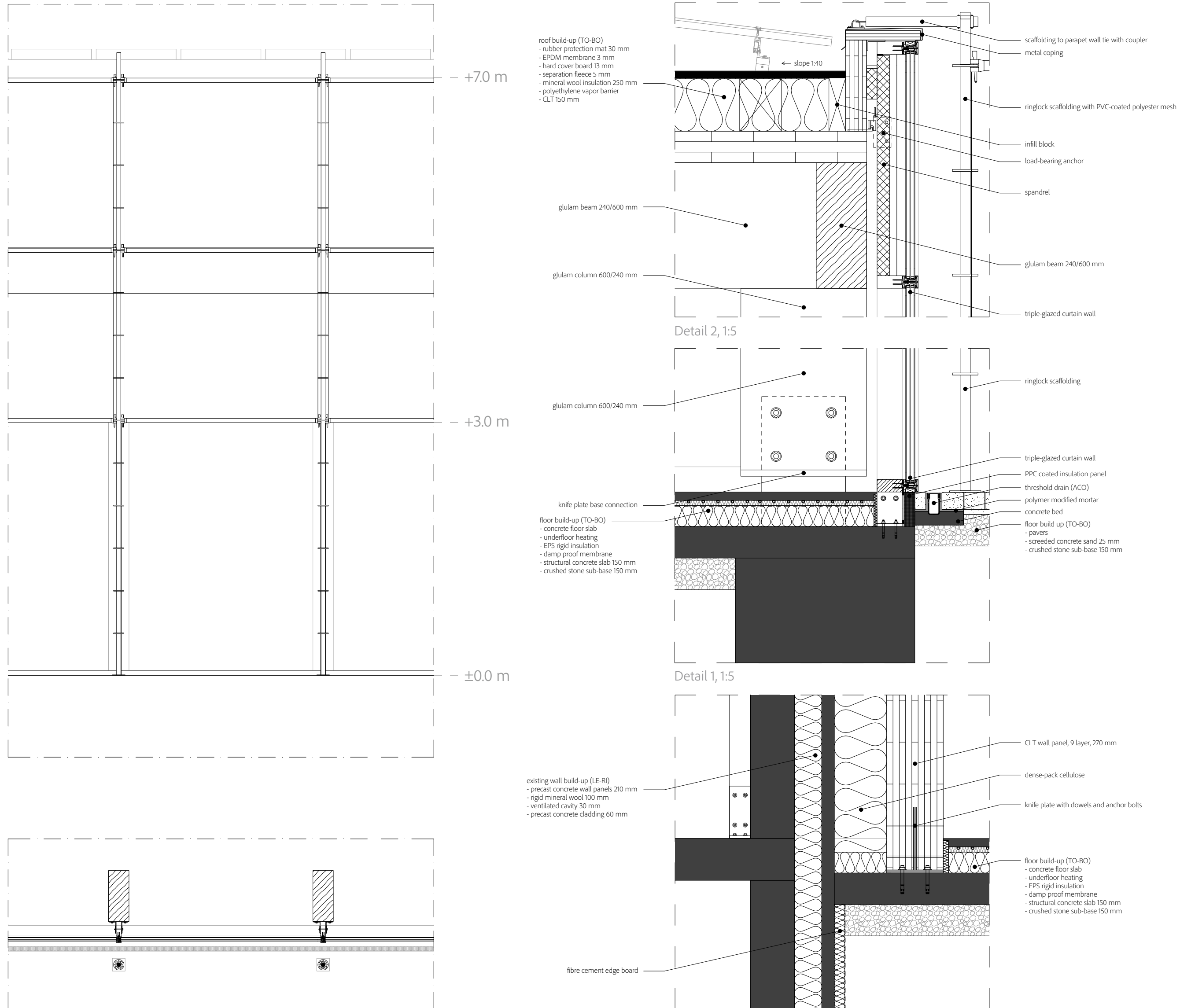
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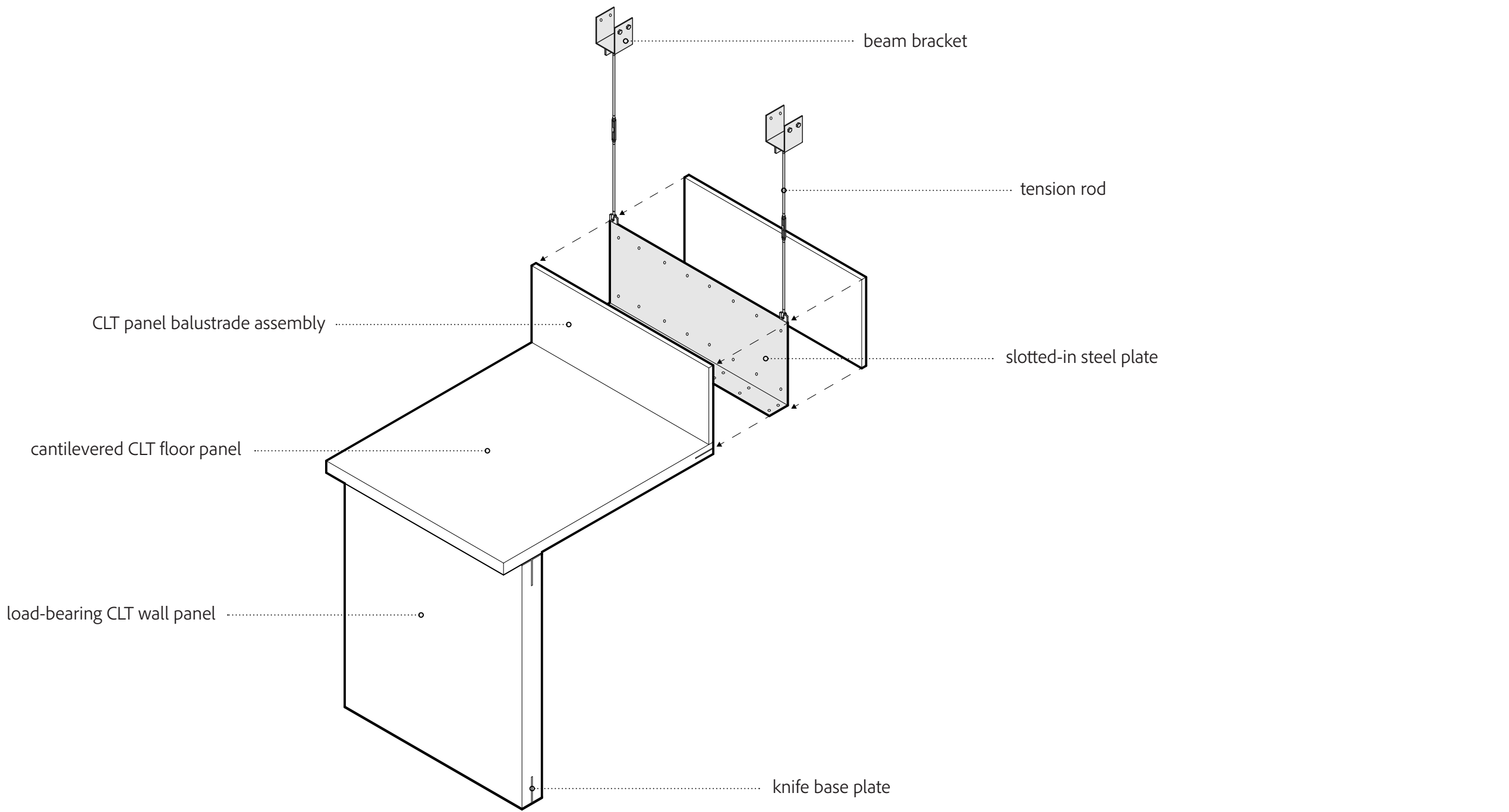
Adaptive Arcade, North Entrance



Detail Drawings, 1:20 & 1:5



Construction Diagram, Roof Beam Connection



Construction Diagram, Semi-Cantilevered Platform

