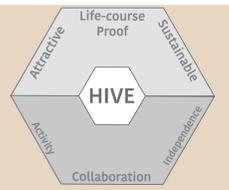


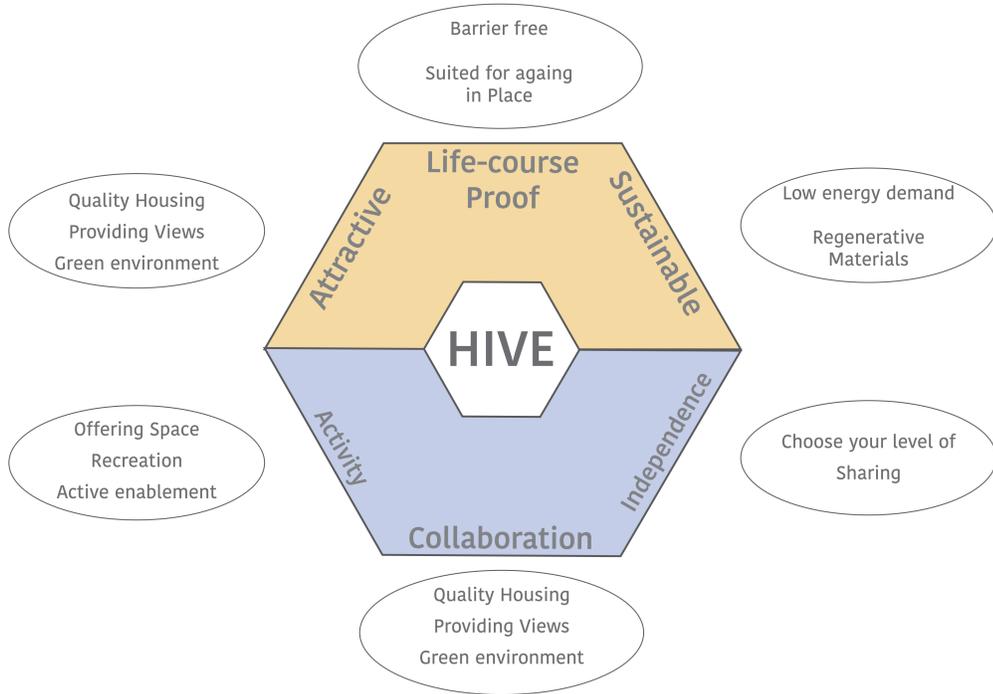
Architecture _ Site and Concept

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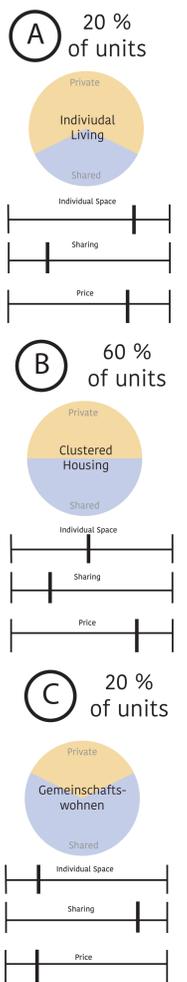
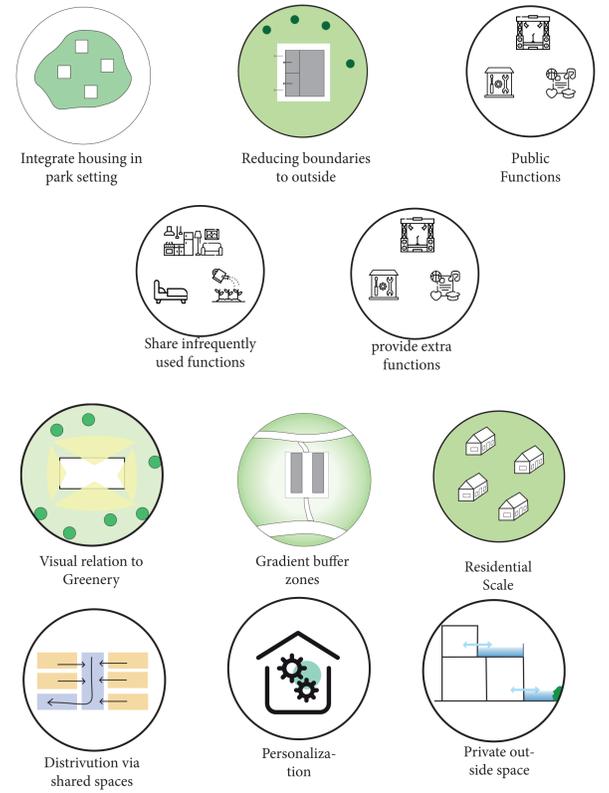


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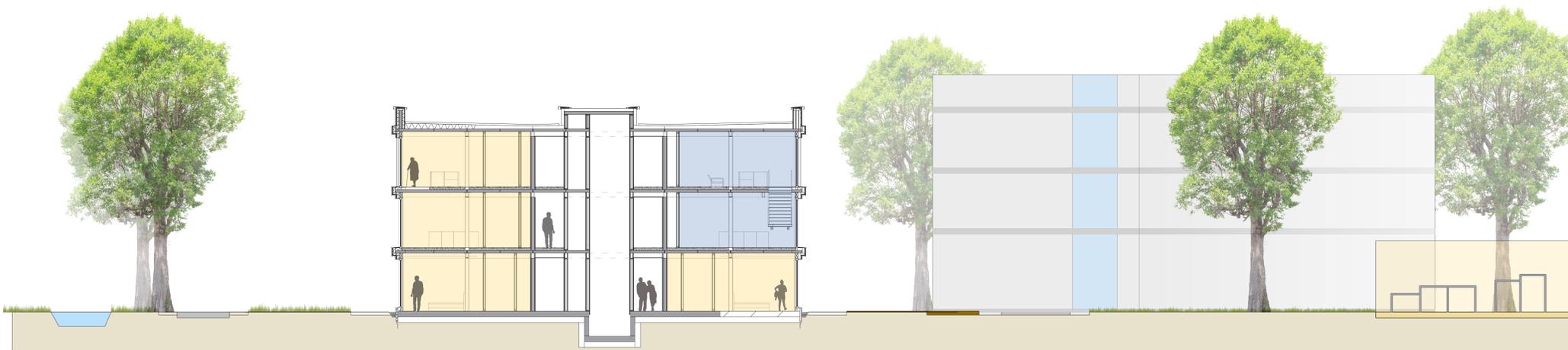
The Concept



Guidelines



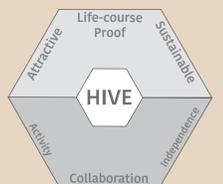
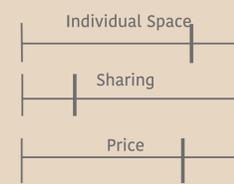
Living Typologies



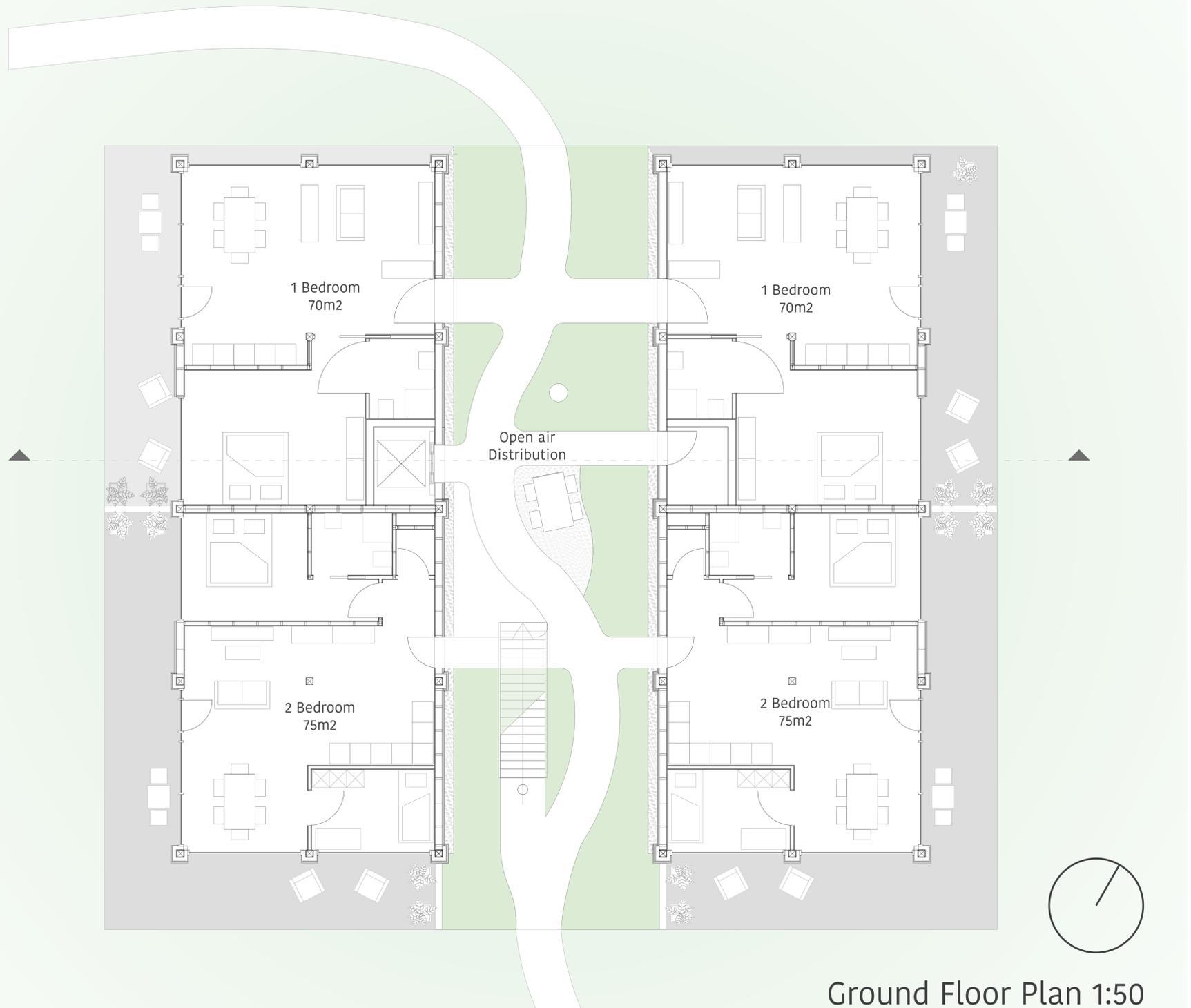
Urban Section A

Architecture _ Individual Living

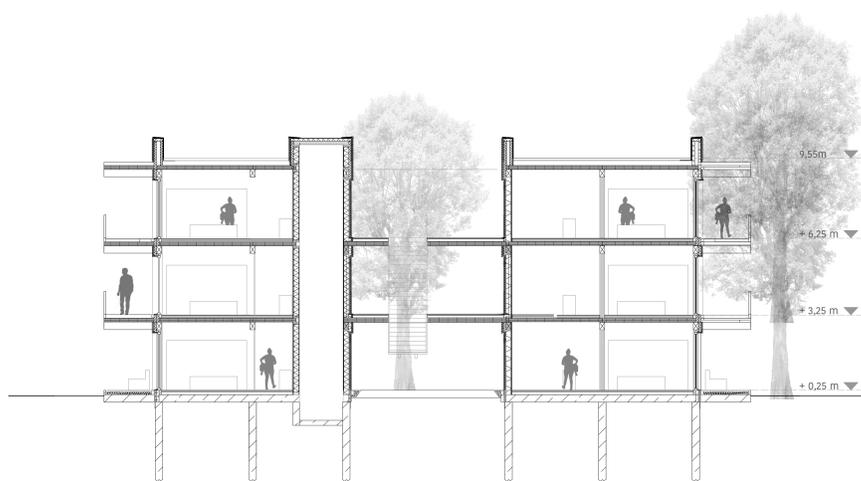
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Ground Floor Plan 1:50



Section A 1:50



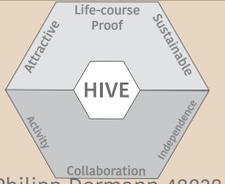
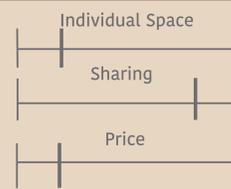
Elevation South 1:100



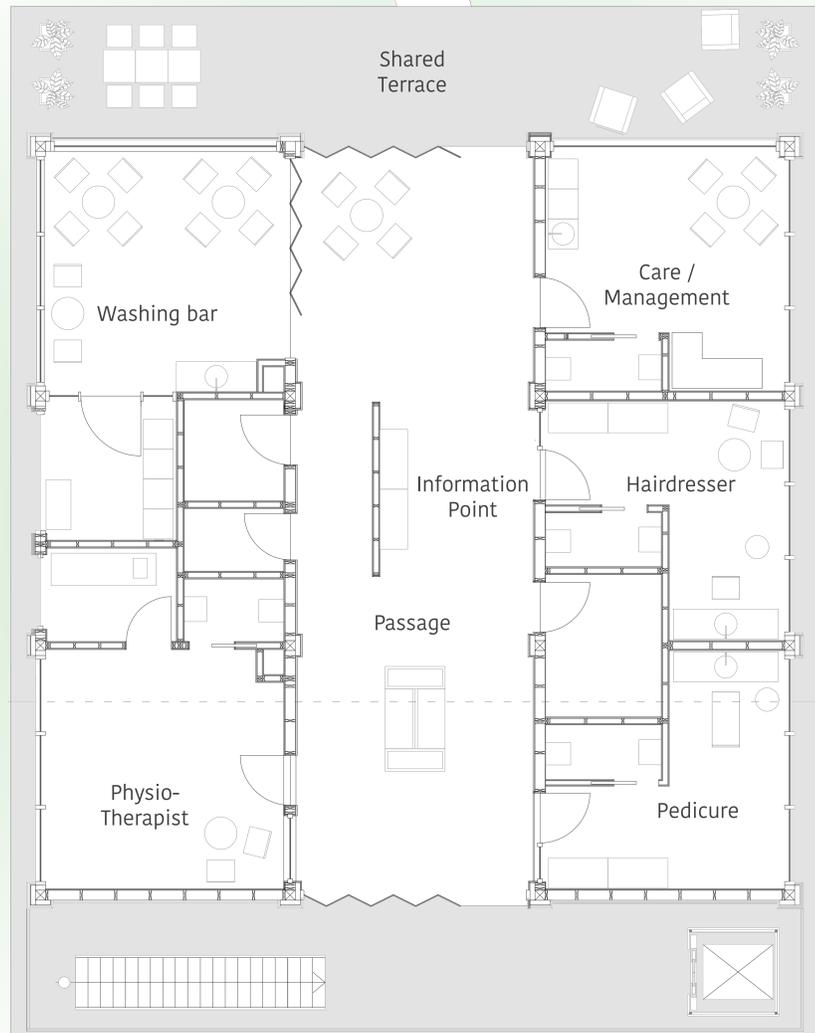
Urban Section A

Architecture _ Shared Living

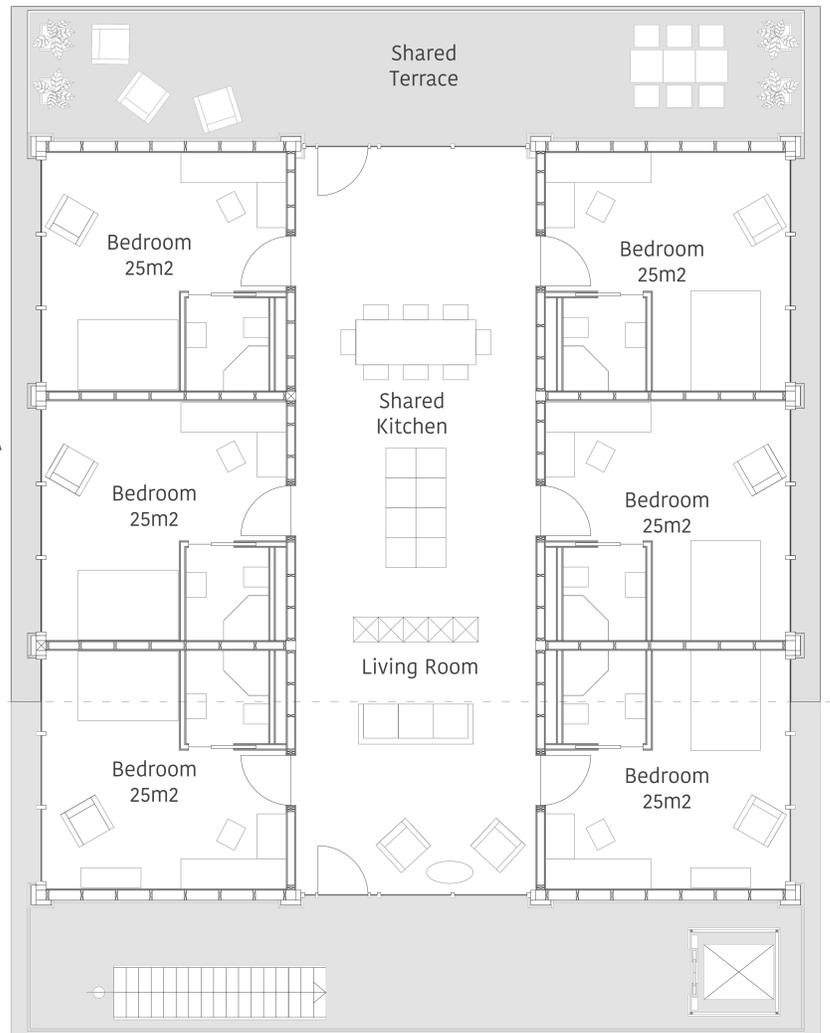
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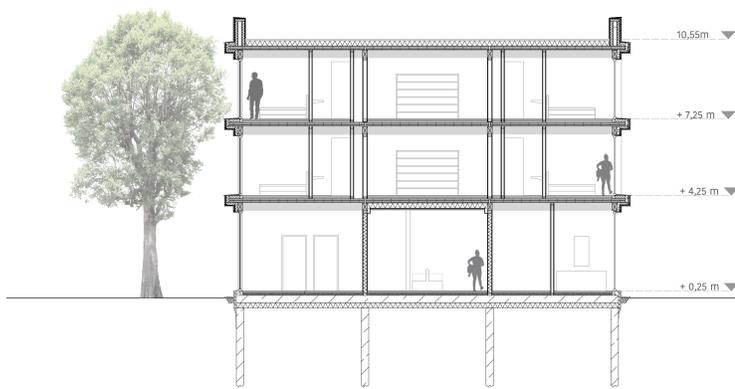
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Section A



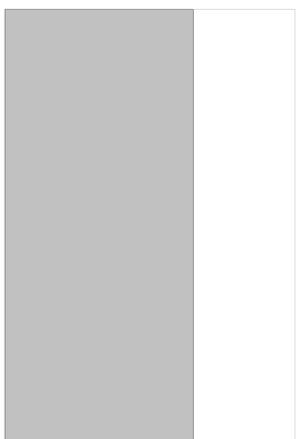
First Floor Plan 1:50



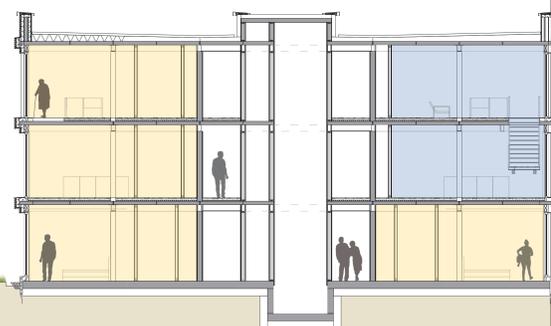
Section A 1:50



Elevation East 1:100

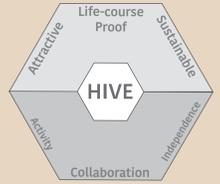
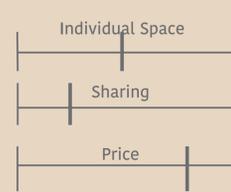


Urban Section B

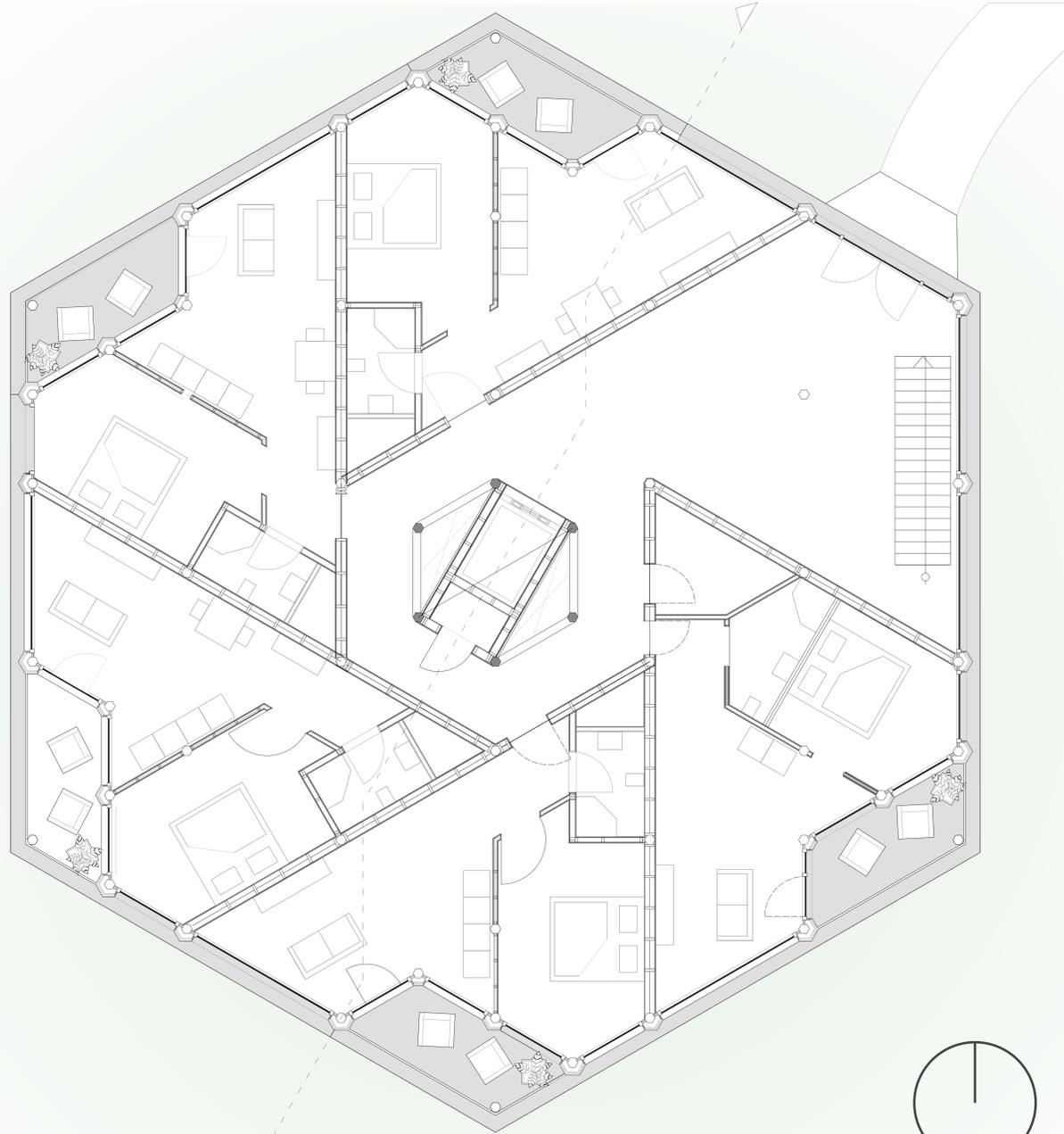


Architecture _ Clustered Living

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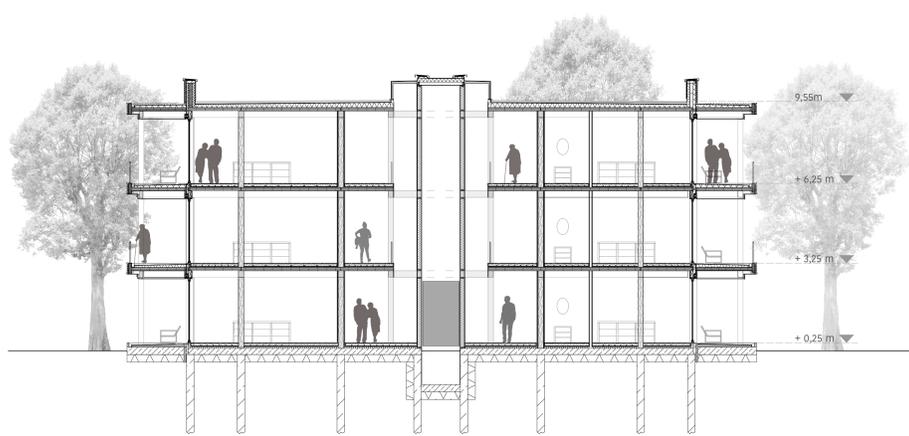
Ground Floor 1:50



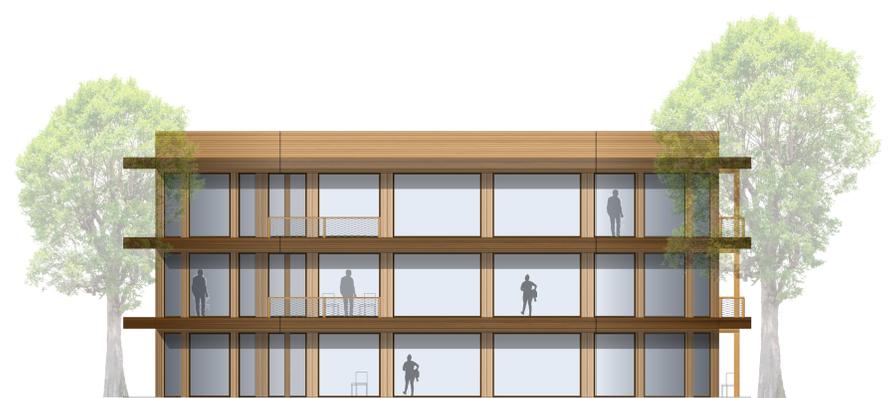
First Floor Plan 1:100



Second Floor 1:100



Section A 1:100



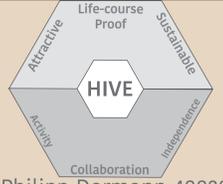
Elevation East 1_100



Urban Section B

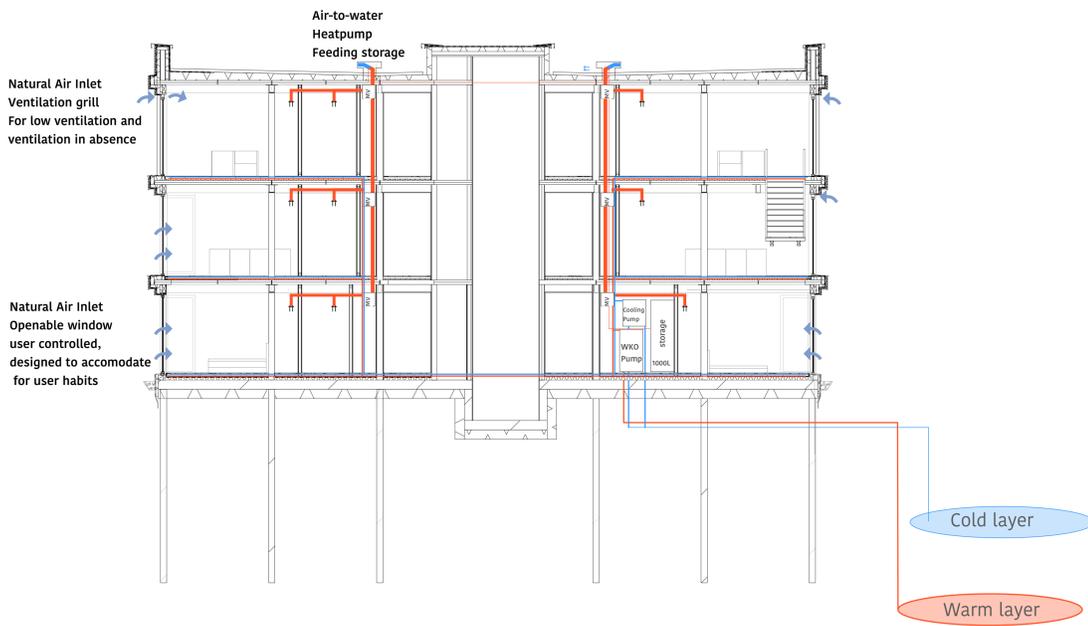
Building Technology Structure / Climate

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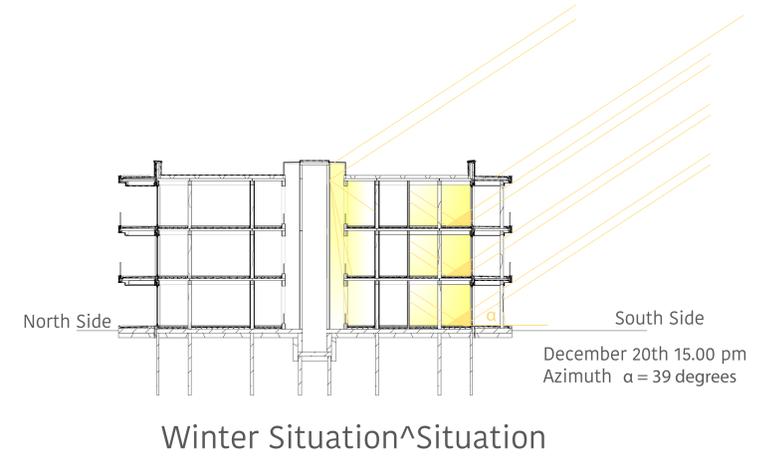
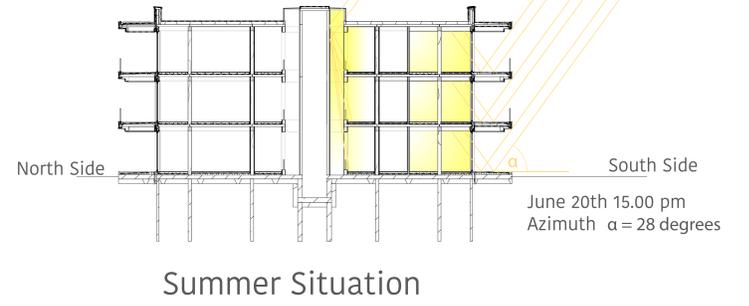


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Climate Design

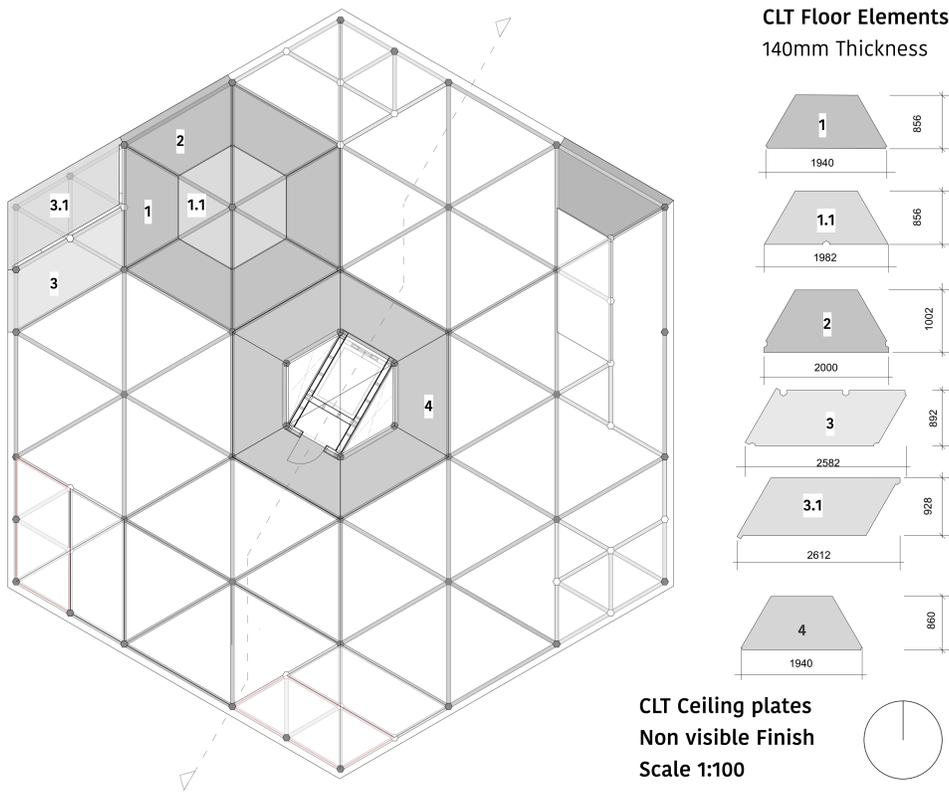


Daylight

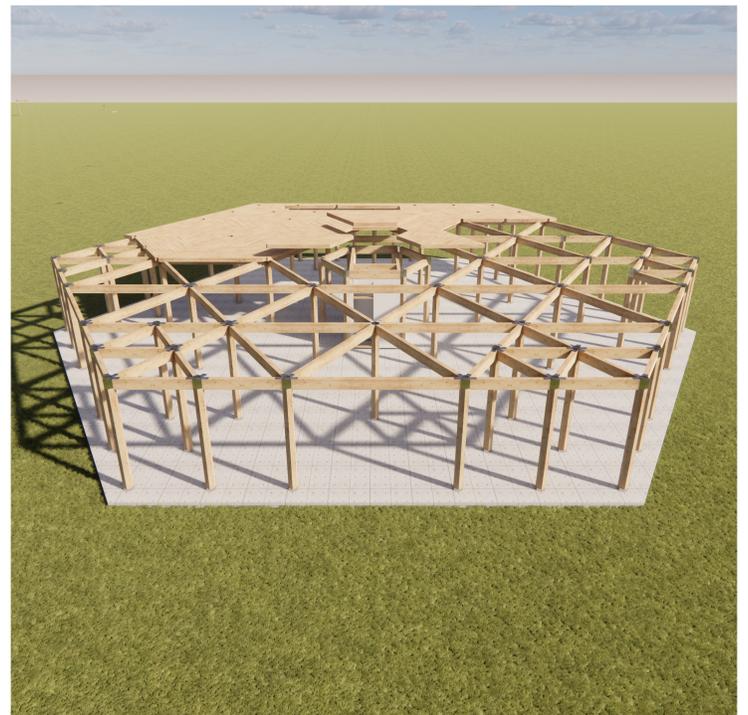


Structural Design

Structural Plan

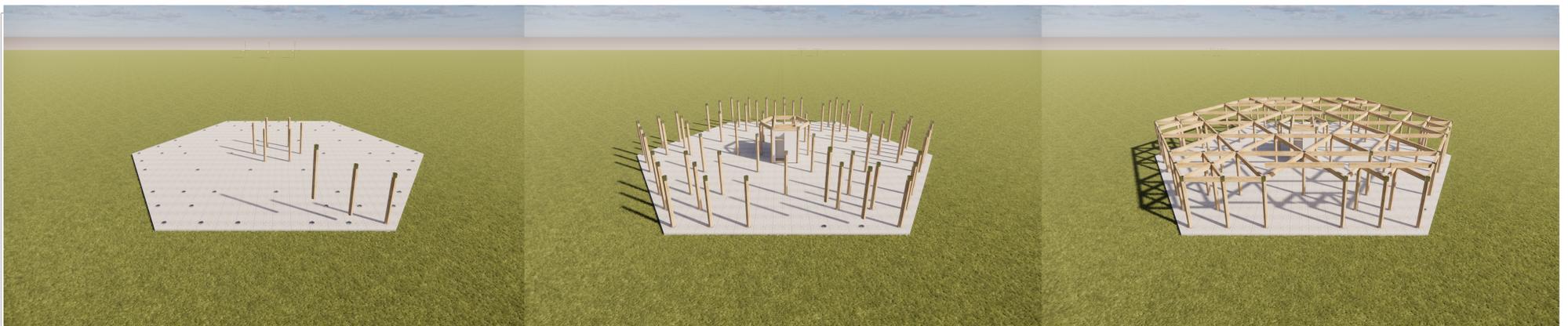


3D Overview Structure



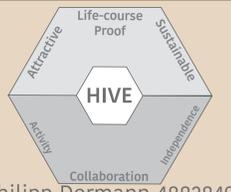
Hexagonal grid 4m span

Construction Sequence



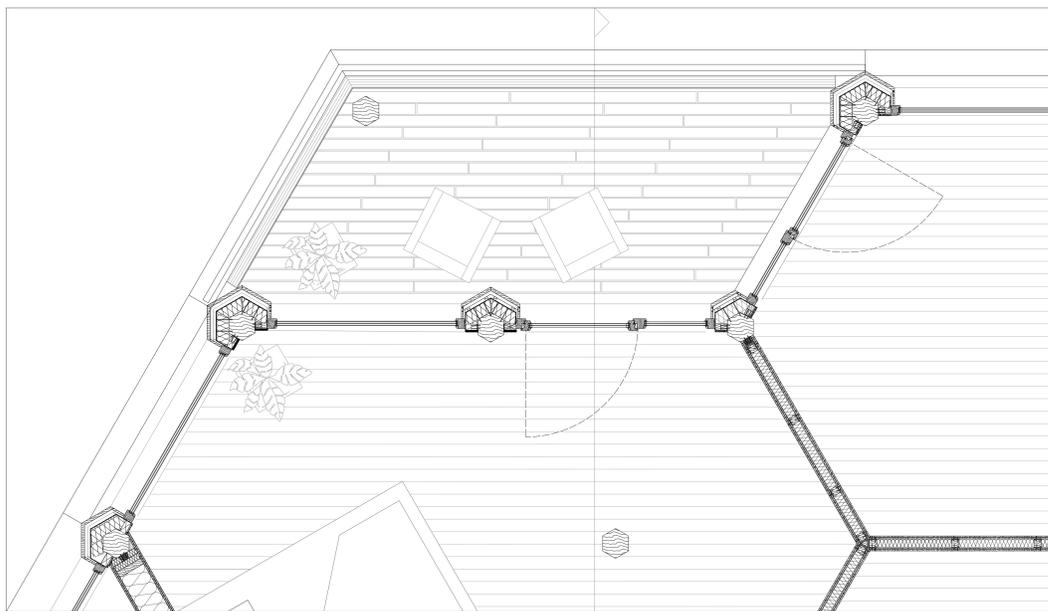
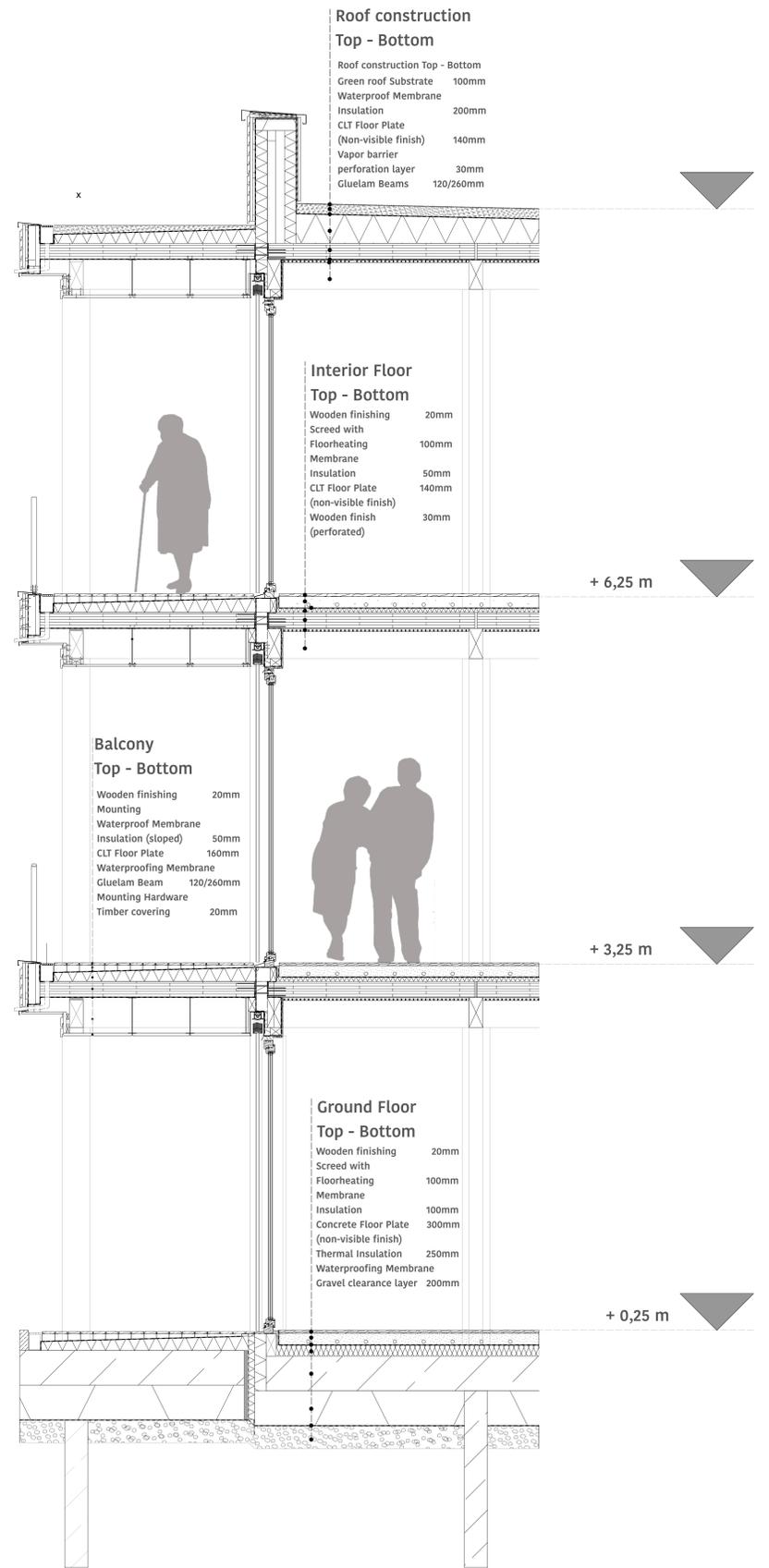
Building Technology Fragment 1_20

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Fragment Clustered Housing

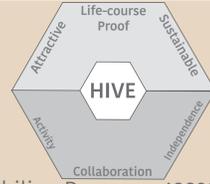


Construction Sequence



Building Technology 1_5 Details

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Wall construction In - Out

- Timber cladding 20mm
- Battens vertical 25 /25 mm
- Battens Horizontal 25 /25 mm
- Waterproof layer
- Insulation 100mm
- CLT Parapet 140mm
- Insulation 100mm
- Waterproofing layer 25/25mm
- Battens Vertical
- Timber cladding 20mm

Roof construction Top - Bottom

- Green roof Substrate 100mm
- Waterproof Membrane
- Insulation 200mm
- CLT Floor Plate (Non-visible finish) 140mm
- Vapor barrier perforation layer 30mm
- Gluelam Beams 120/260mm

Balcony Construction Top - Bottom

- Wooden finishing 20mm
- Mounting
- Waterproof Membrane
- Insulation (sloped) 50mm
- CLT Floor Plate 160mm
- Waterproofing Membrane
- Gluelam Beam 120/260mm
- Mounting Hardware
- Timber covering 20mm

Interior Floor Construction Top - Bottom

- Wooden finishing 20mm
- Screed with Floorheating 100mm
- Membrane
- Insulation 50mm
- CLT Floor Plate (non-visible finish) 160mm
- Timber Covering (perforated) 30mm
- GlueLam Beam 120/260mm

Package height 325mm

Ground Floor Top - Bottom

- Wooden finishing 20mm
- Screed with Floorheating 100mm
- Membrane
- Insulation 100mm
- Concrete Floor Plate (non-visible finish) 300mm
- Thermal Insulation 250mm
- Waterproofing Membrane
- Gravel clearance layer 200mm