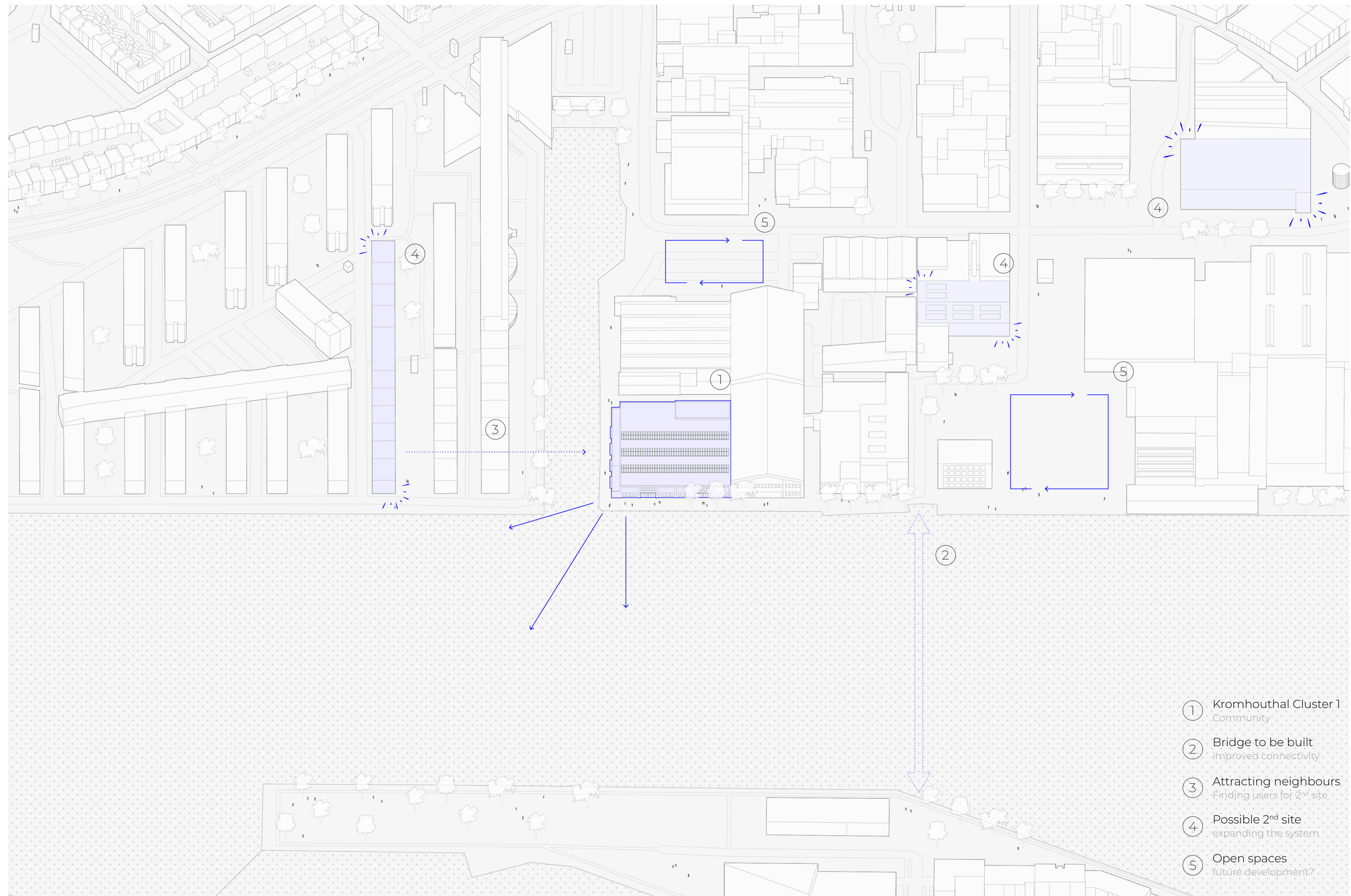
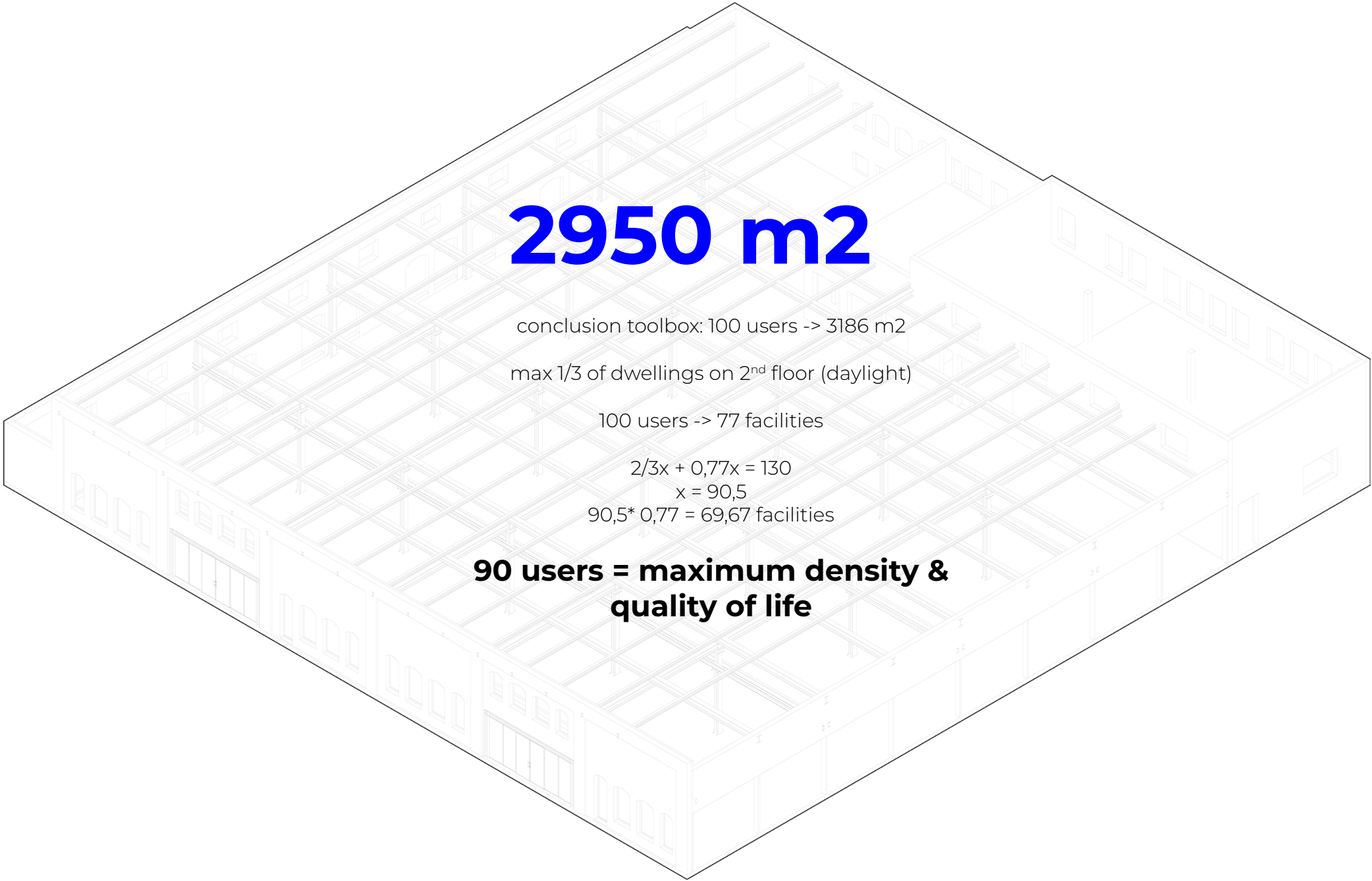


RETHINKING FUTURE LIVING.

TECHNICAL DRAWINGS

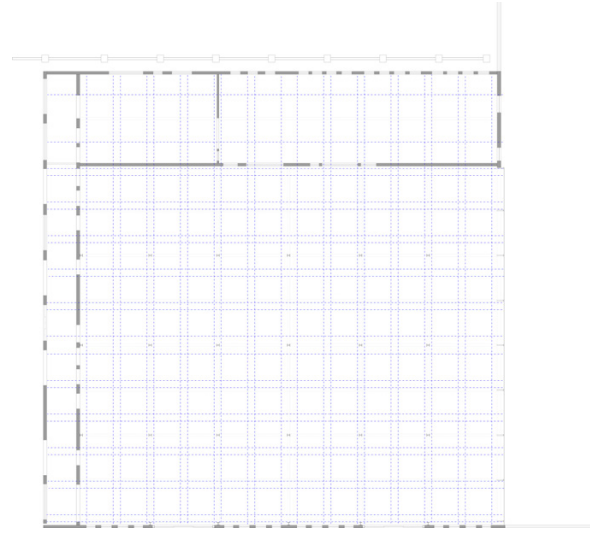
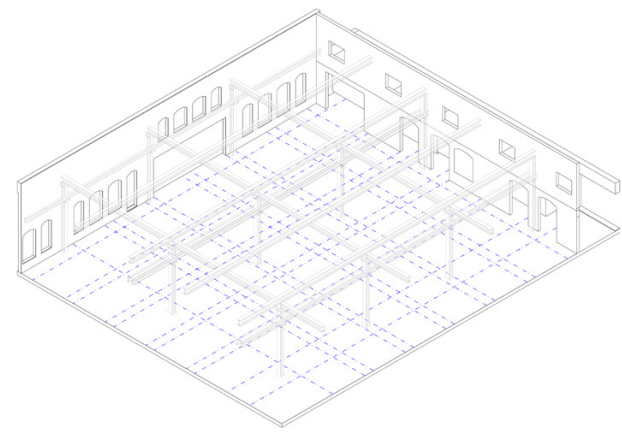
CONTEXT | SCALE 1:2000



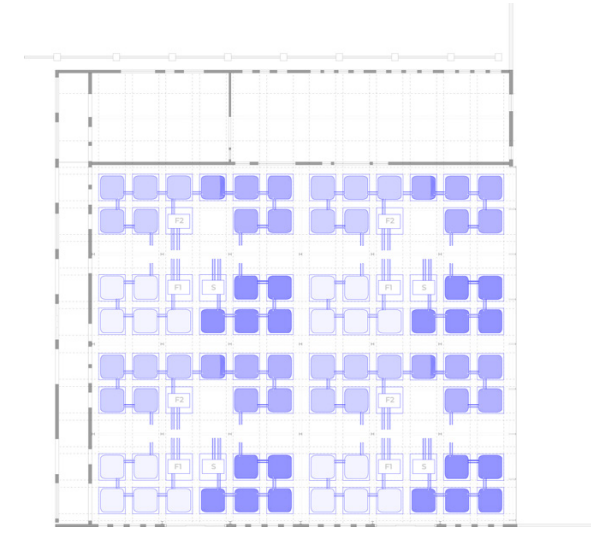
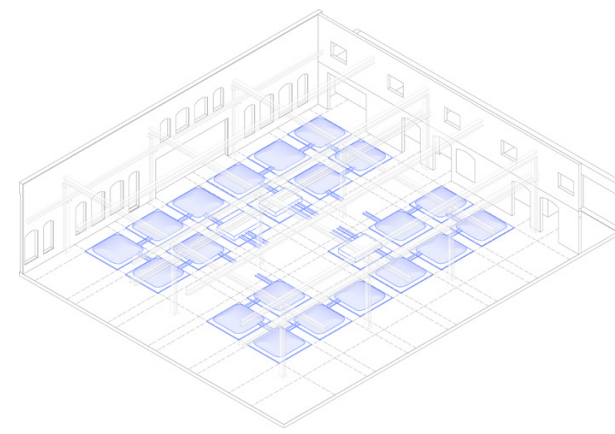


IMPLEMENTATION TOOLKIT

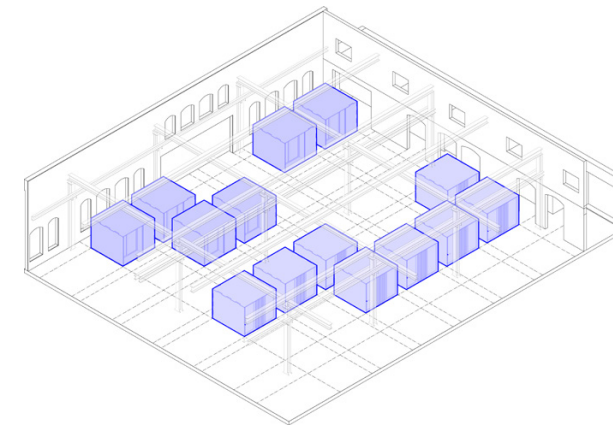
1. Grid



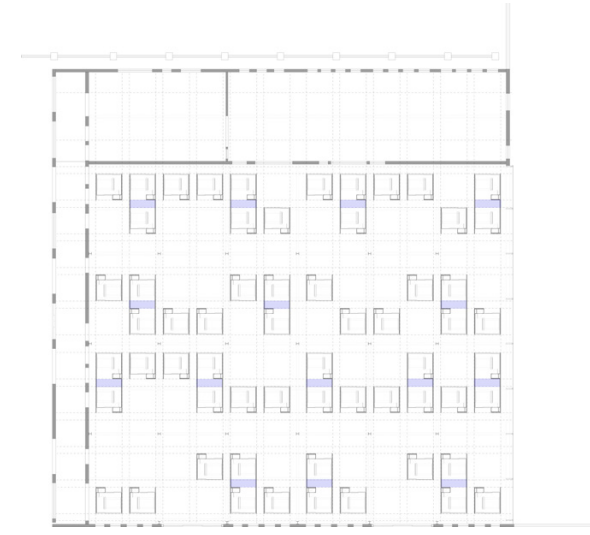
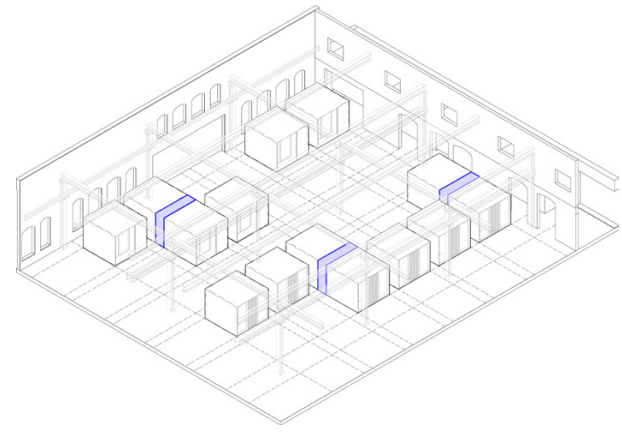
2. Water storage



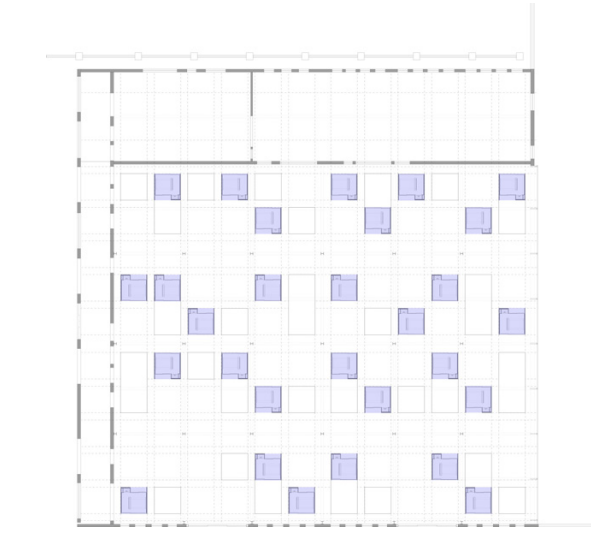
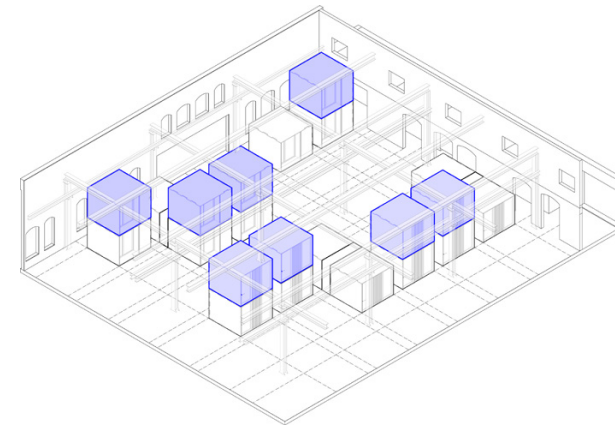
3. Dwellings



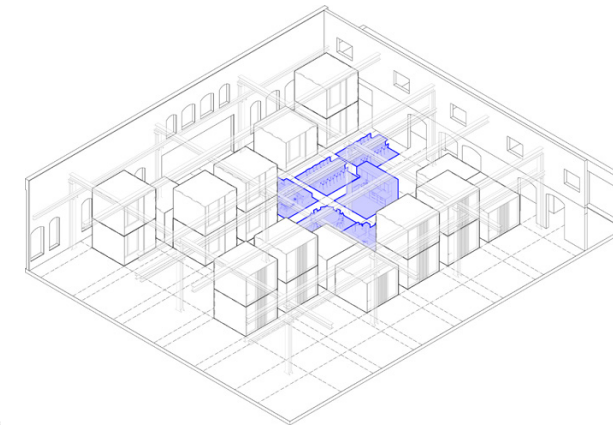
4. Connecting elements



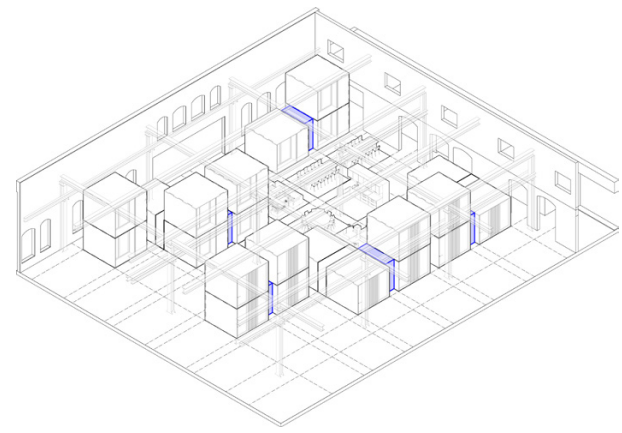
5. Stacked dwellings



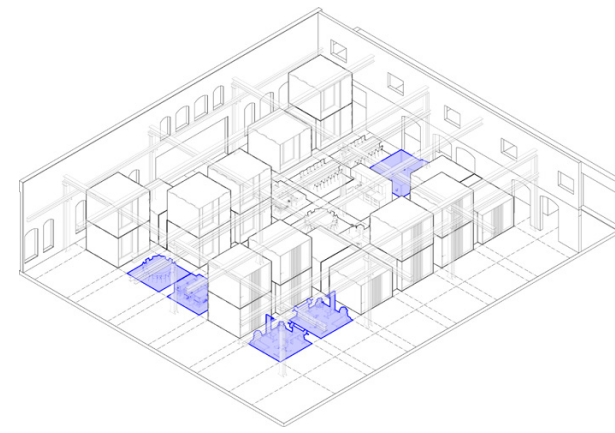
6. Shared facilities



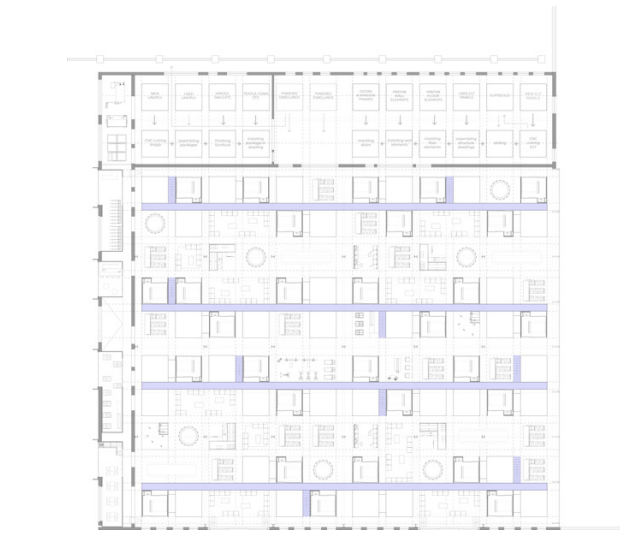
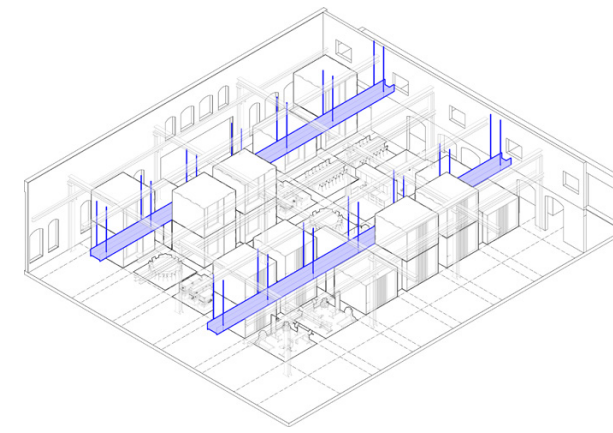
7. Bathrooms



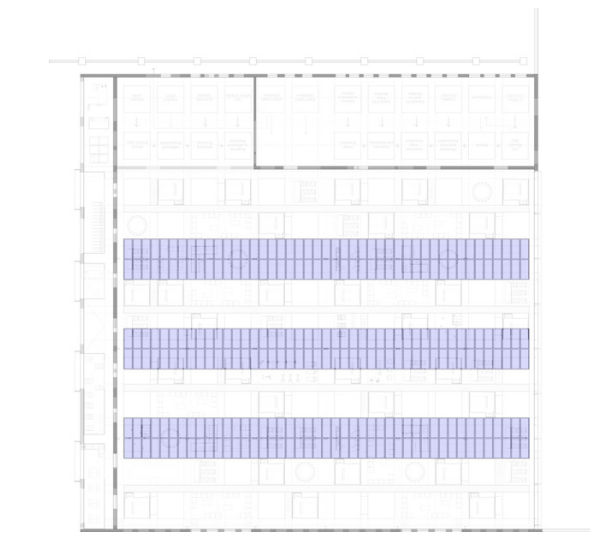
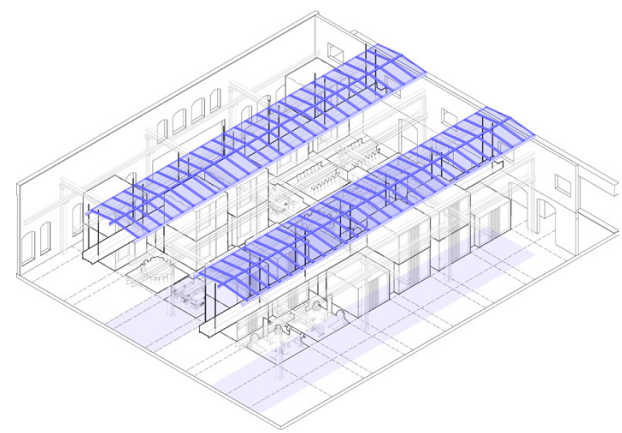
8. Elements self-sufficiency



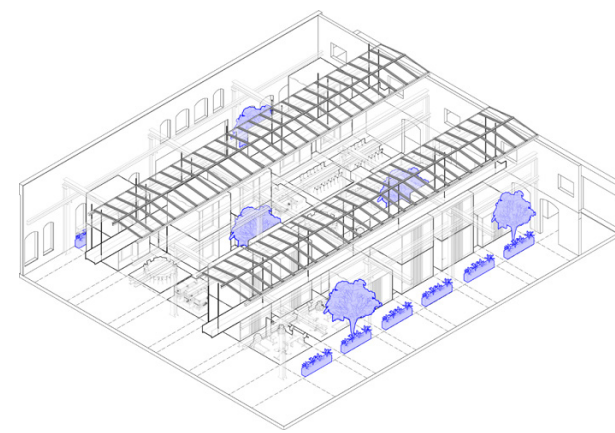
9. Bridges



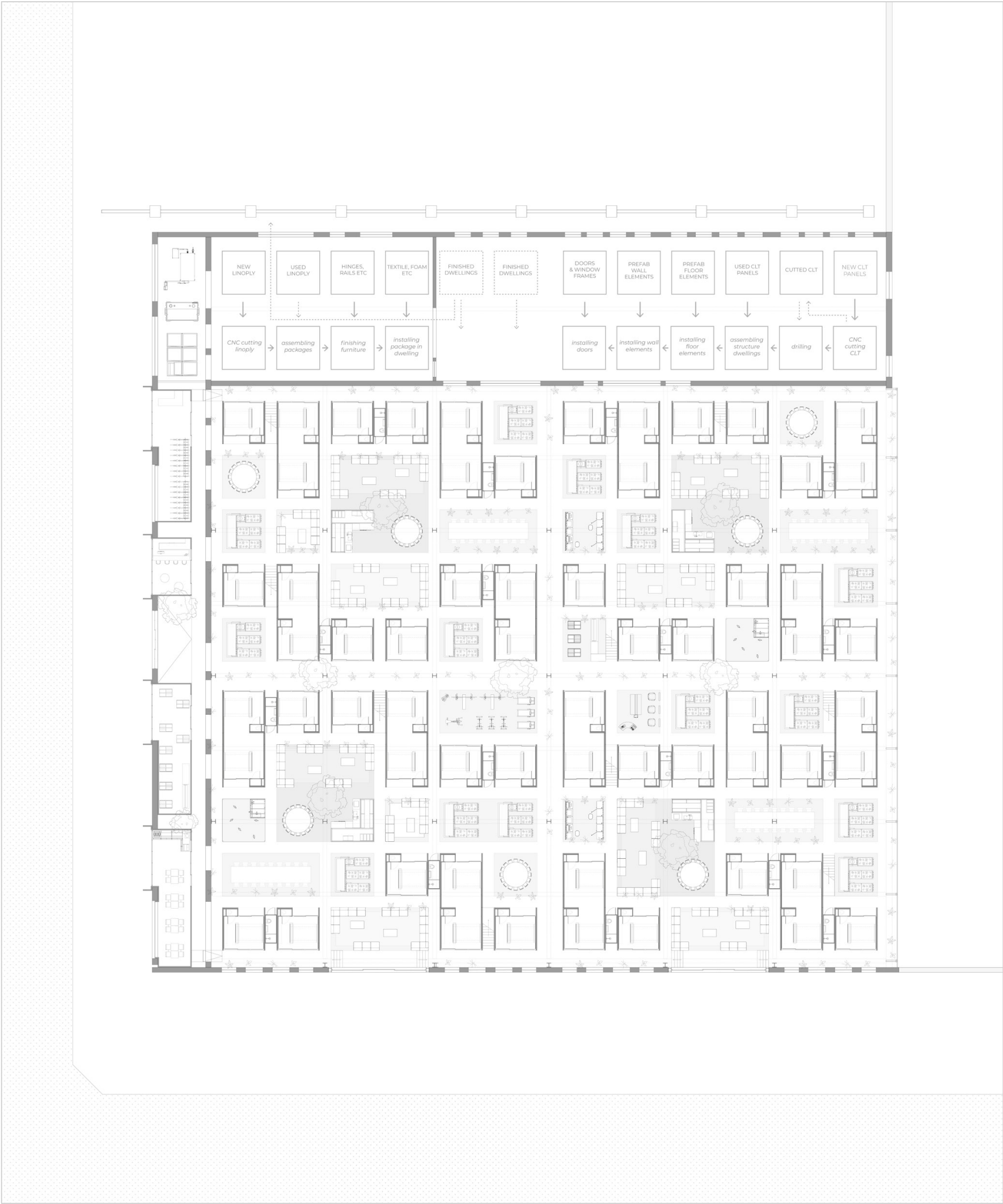
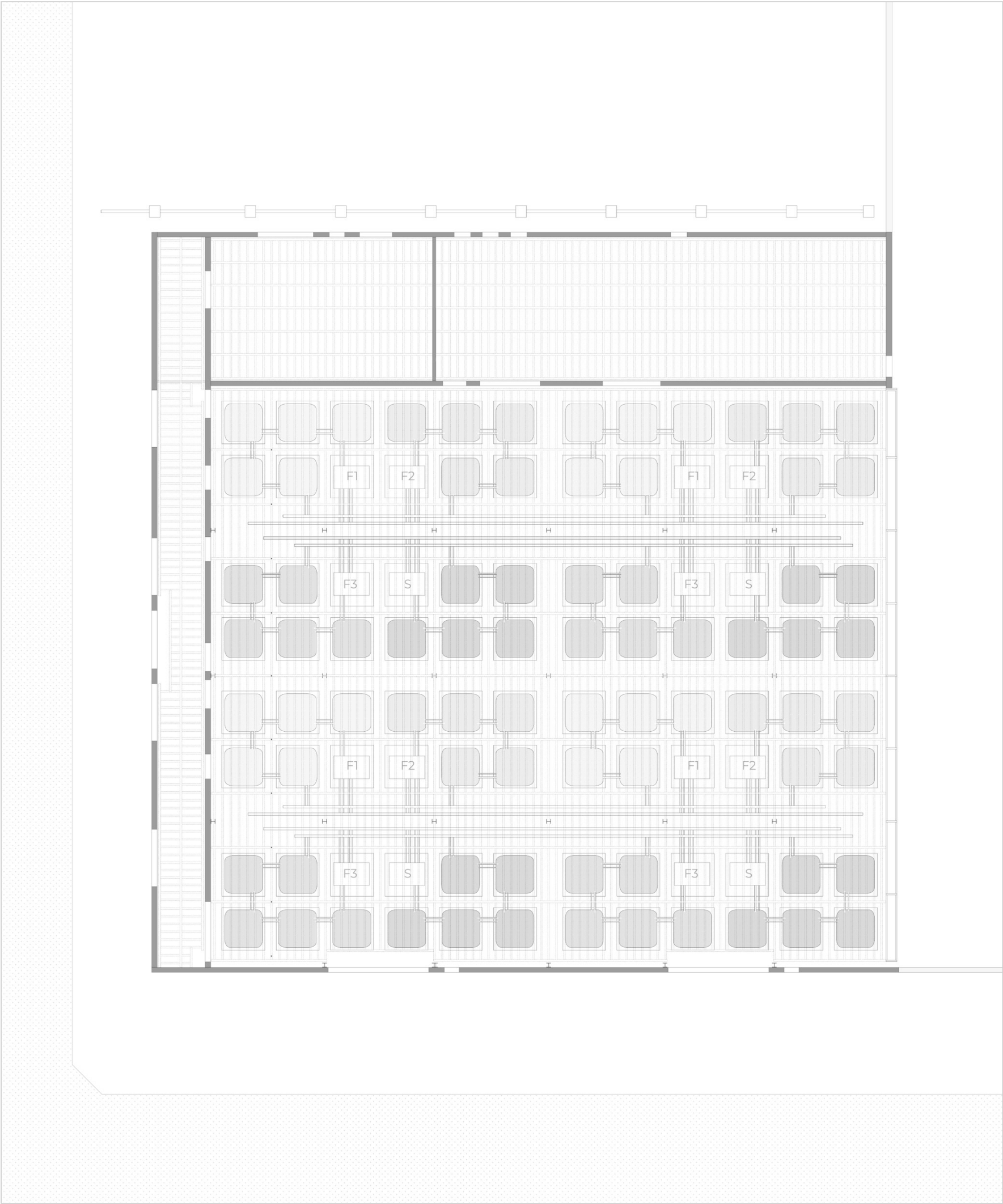
10. Atriums

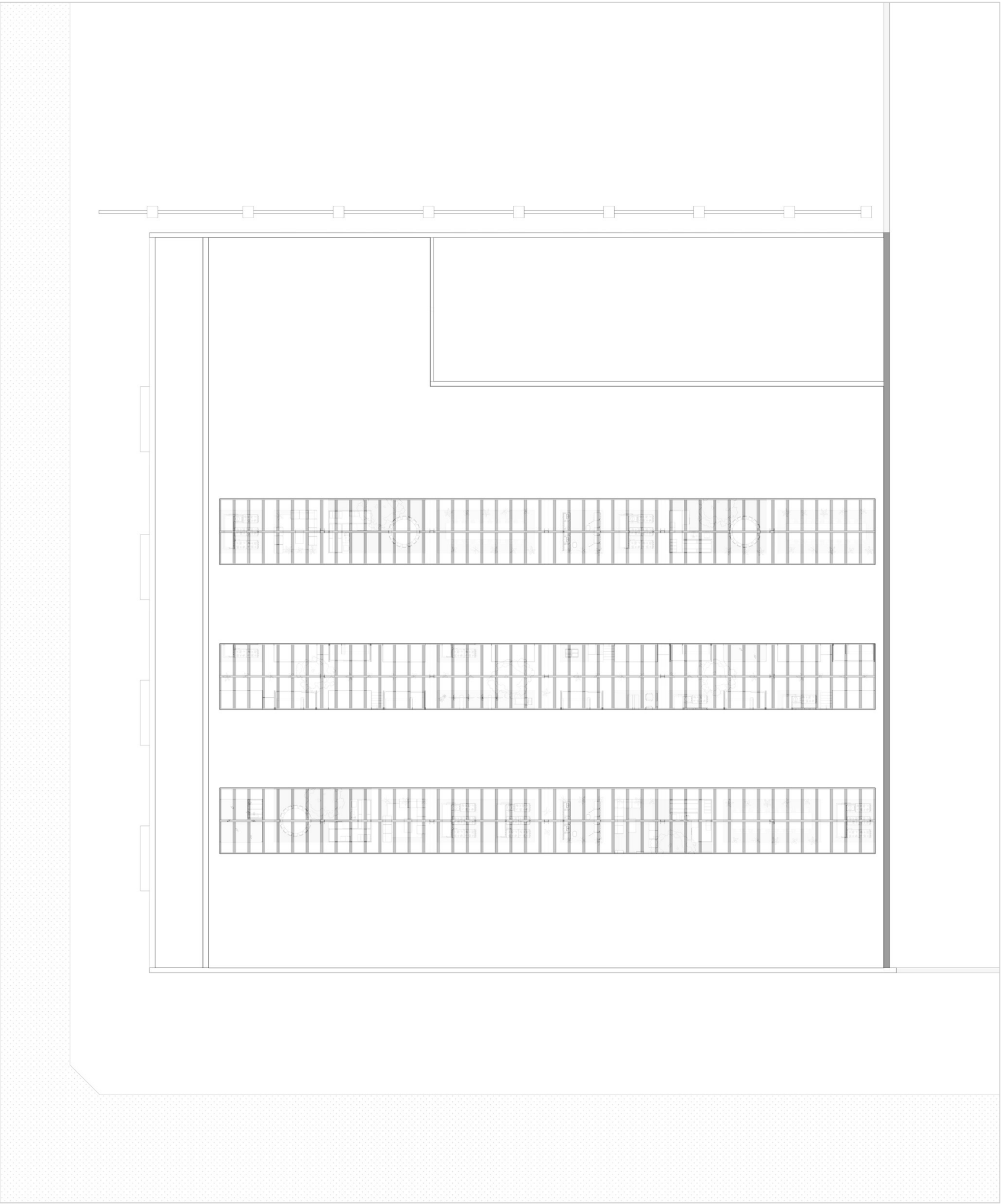
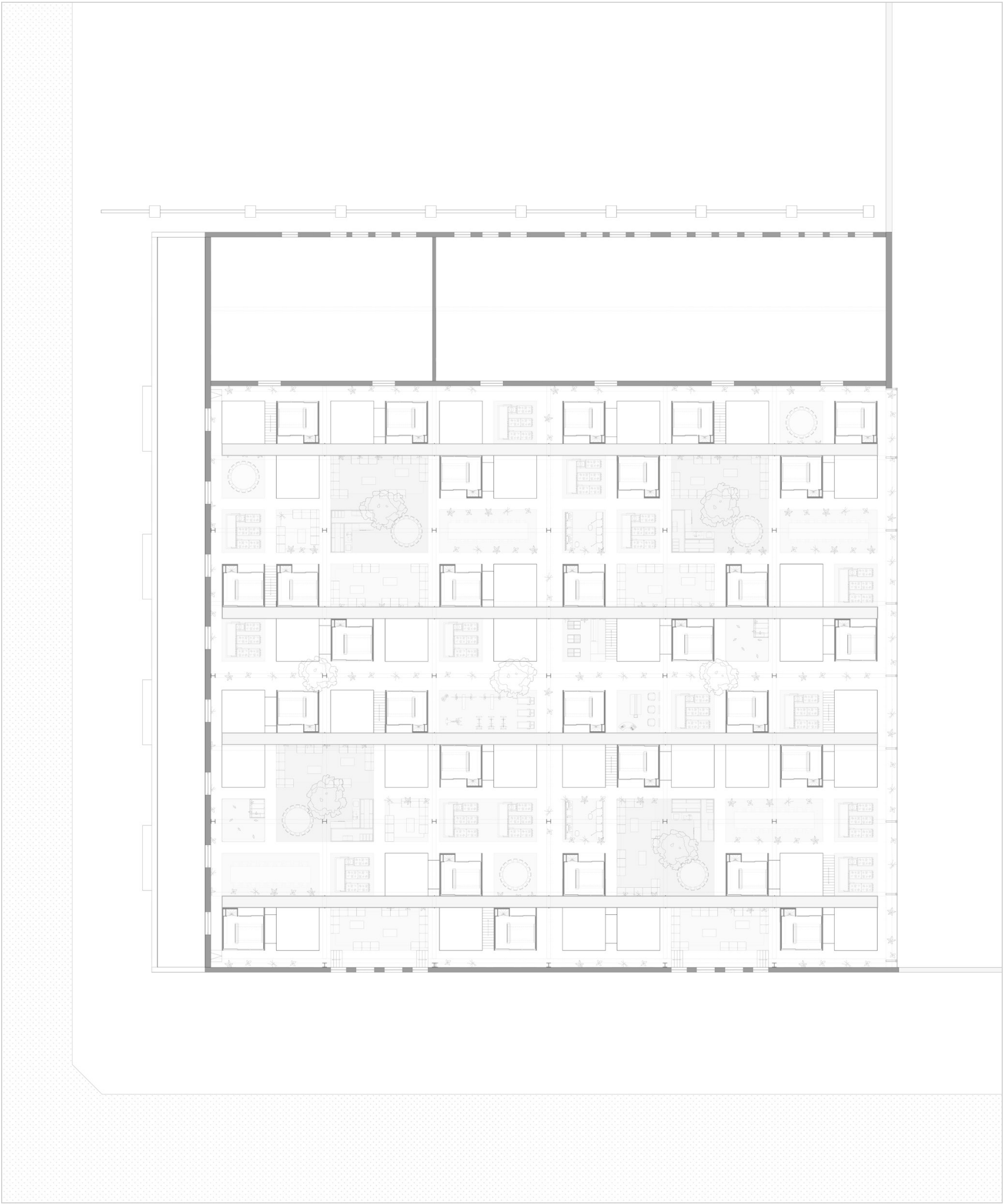


11. Living machine

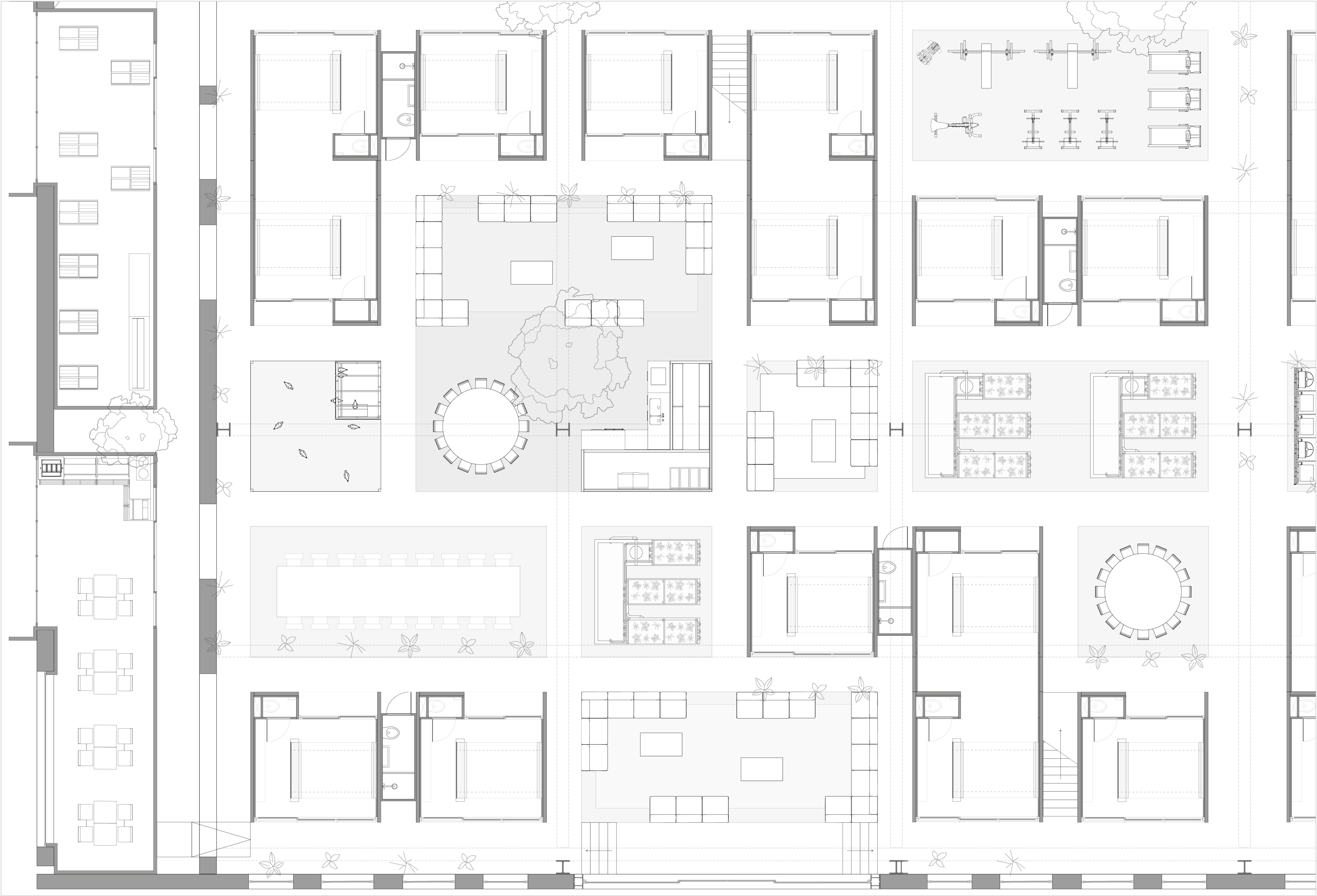


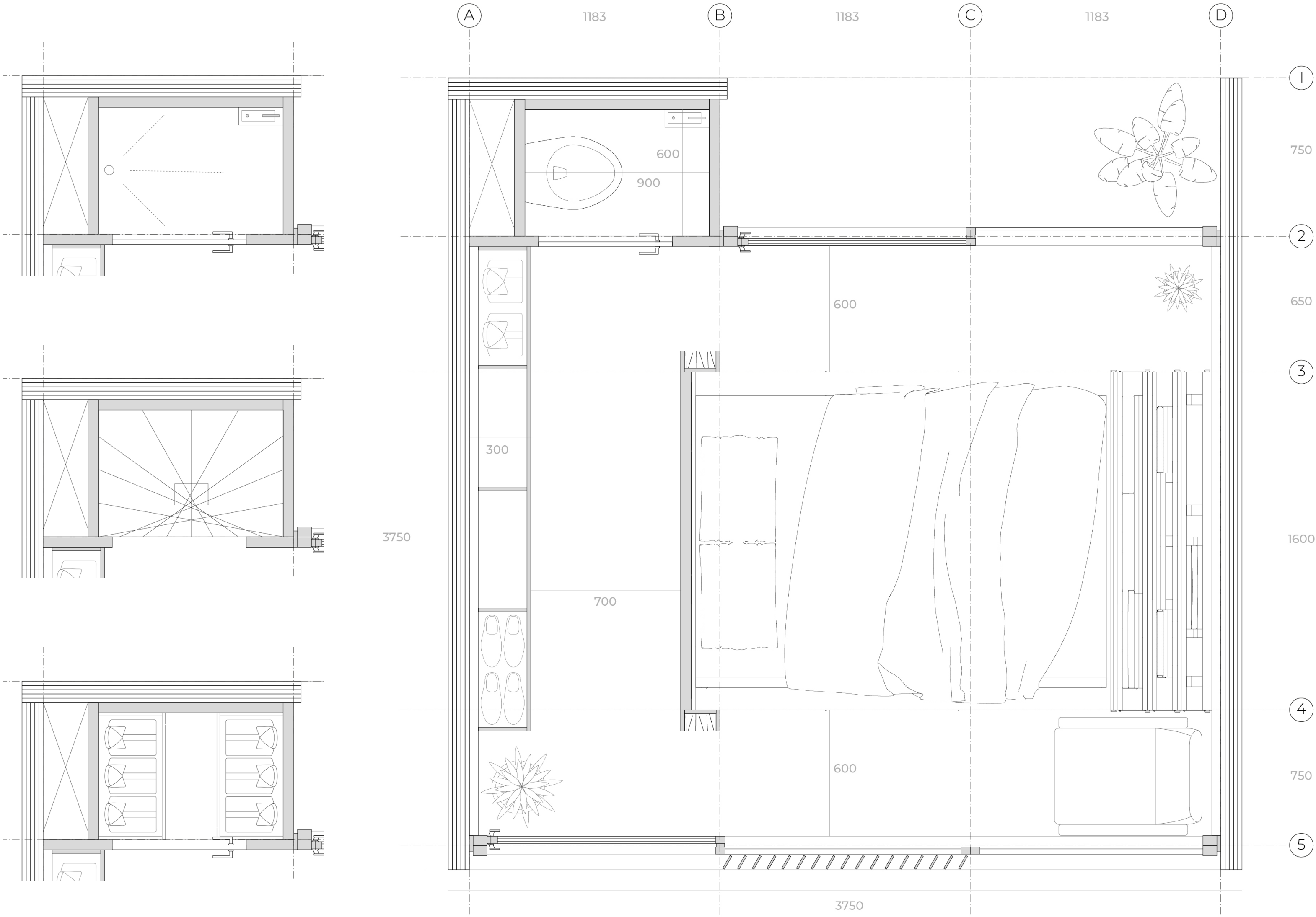
PLANS | RAISED FLOOR & GROUND FLOOR | SCALE 1.500



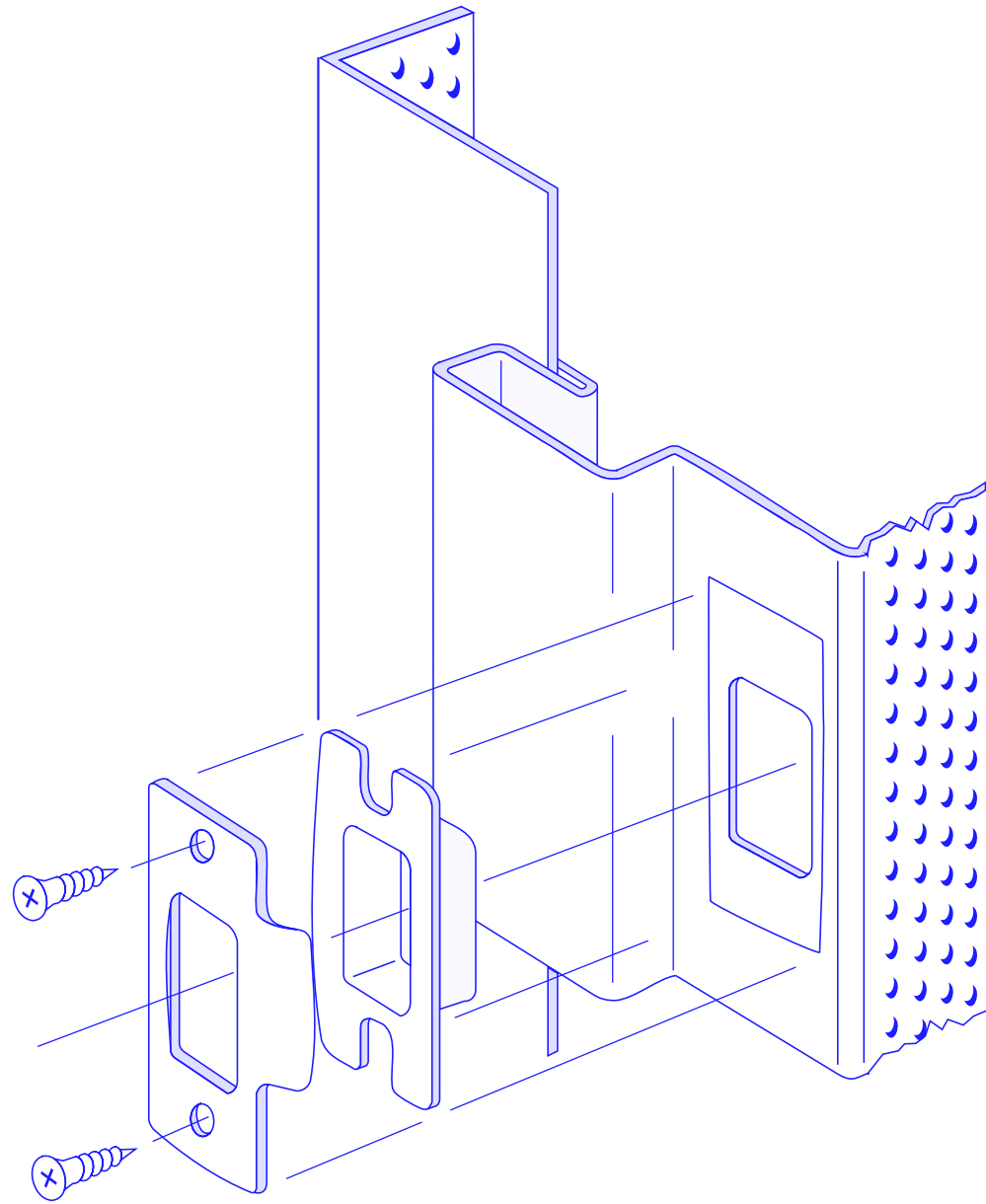
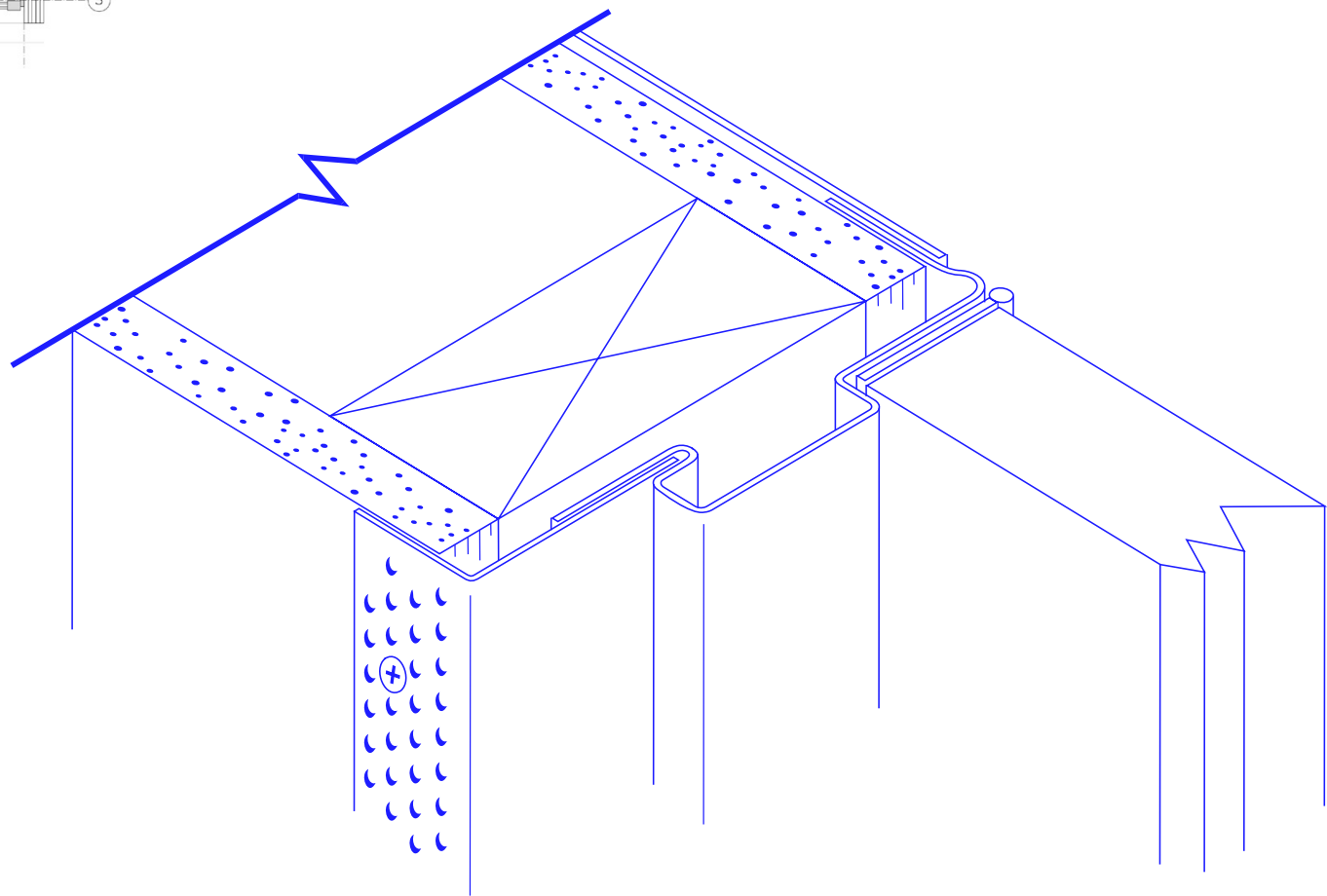
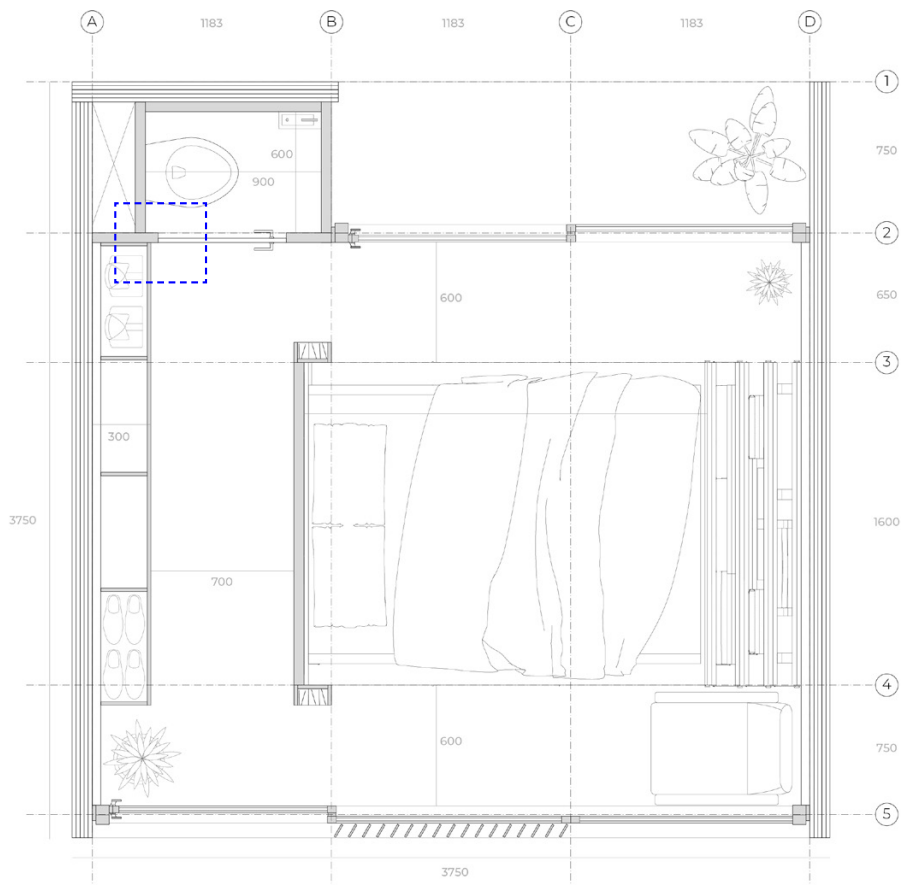


10.00 55.00 100.0

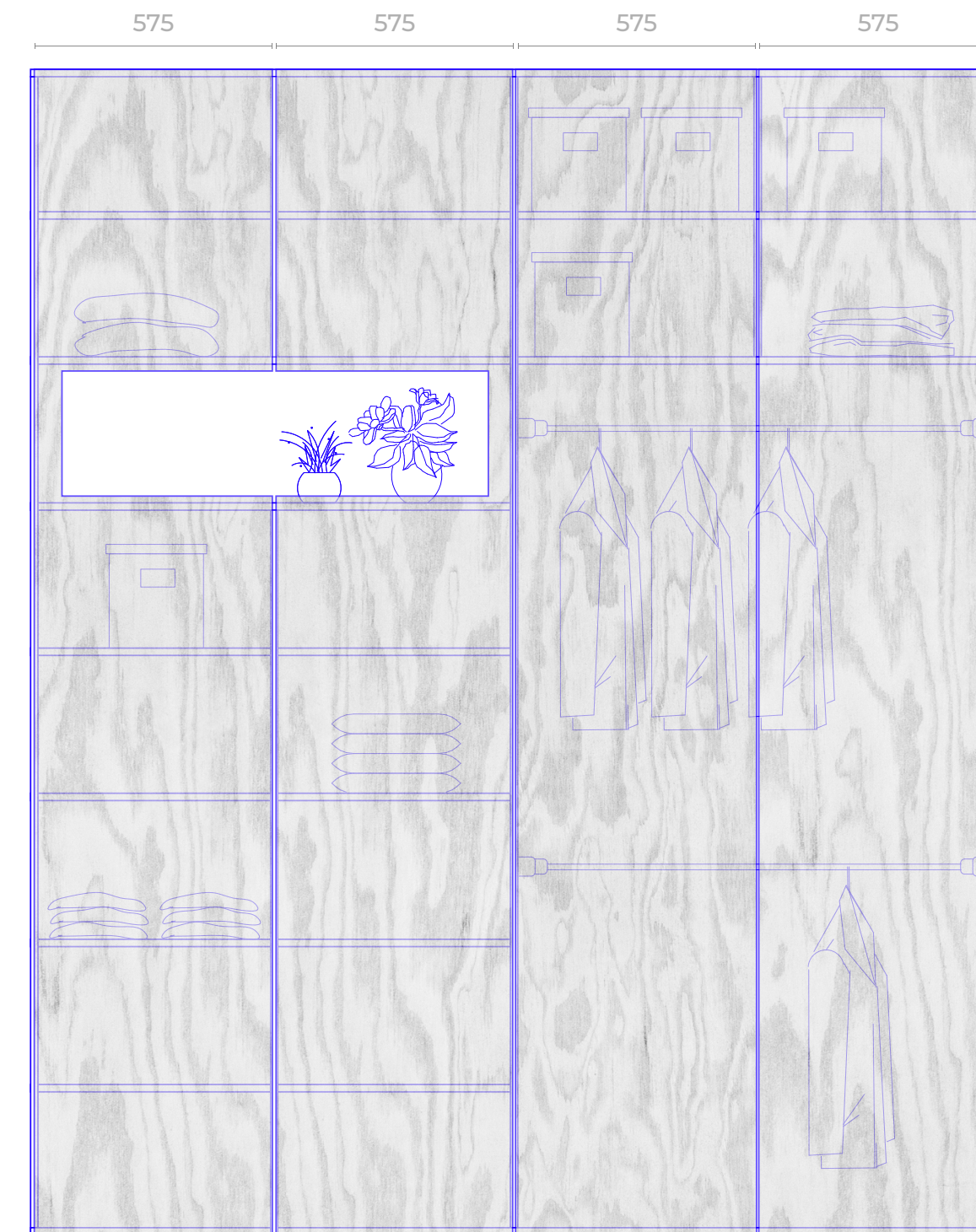
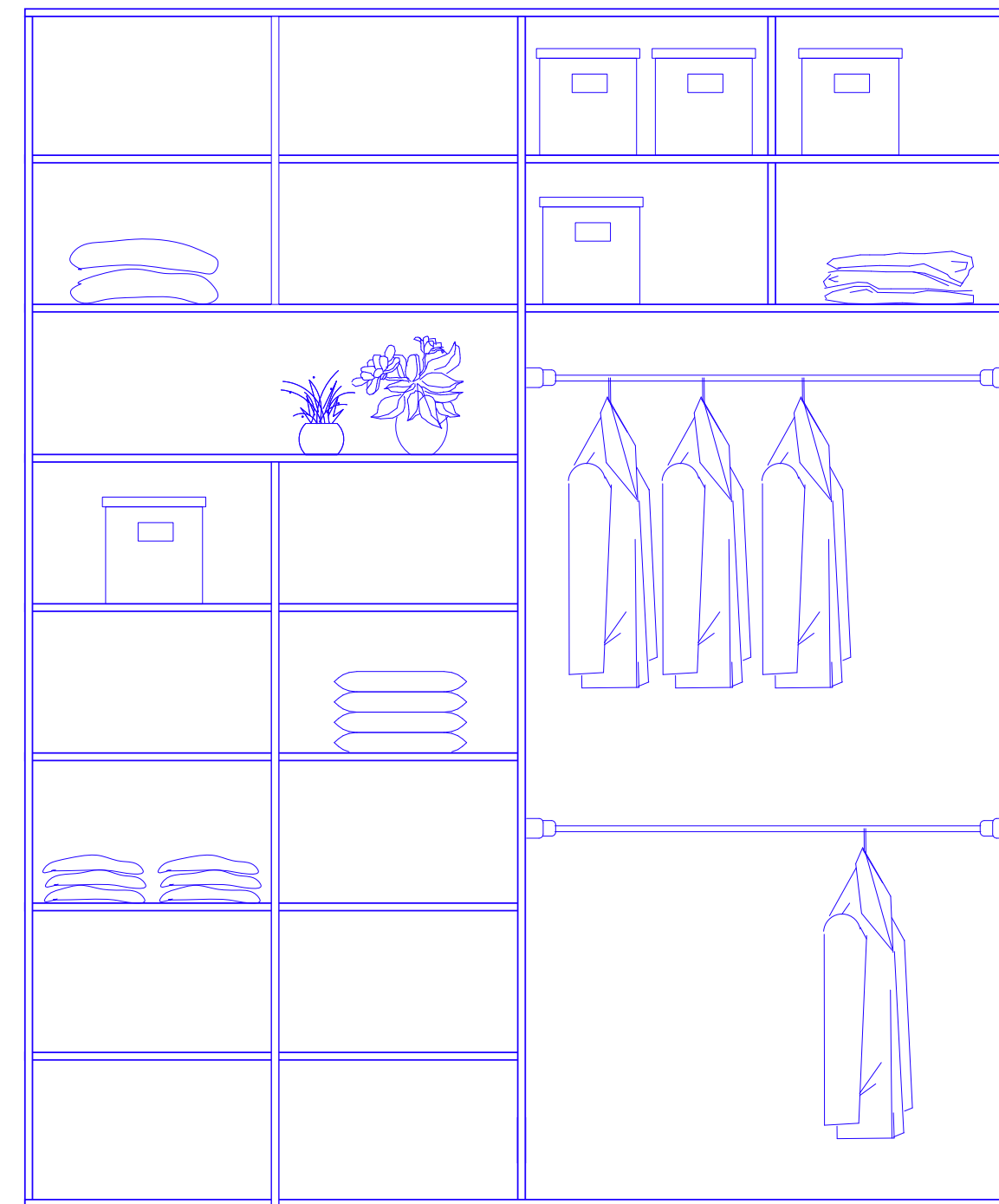
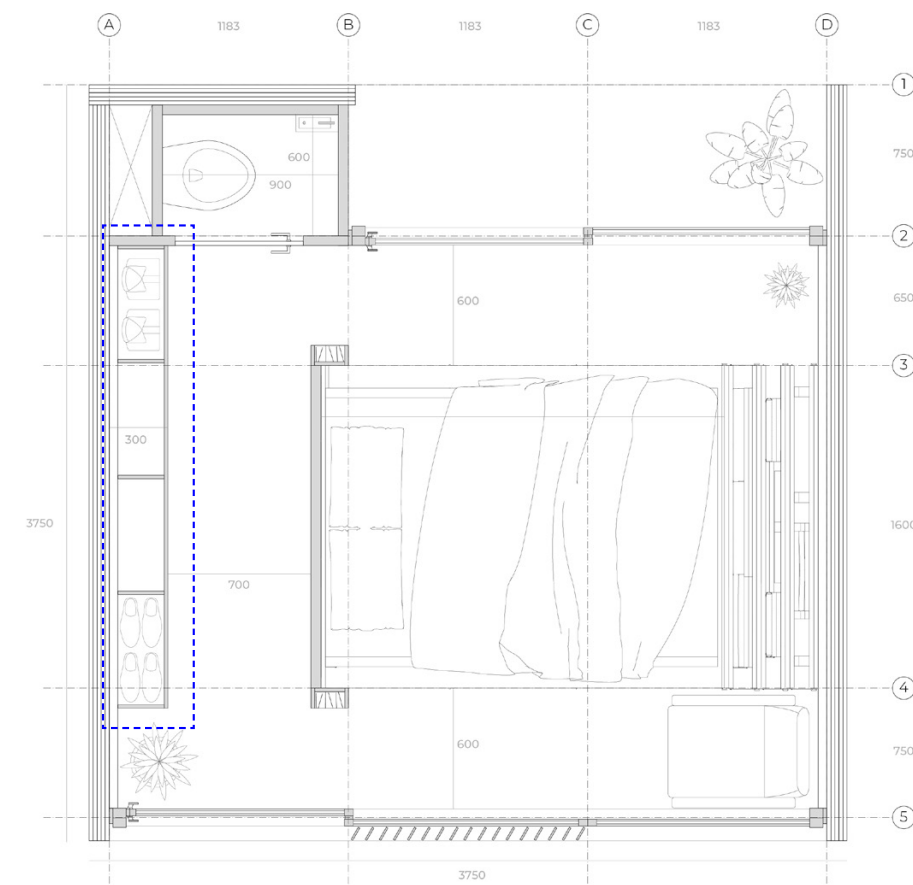




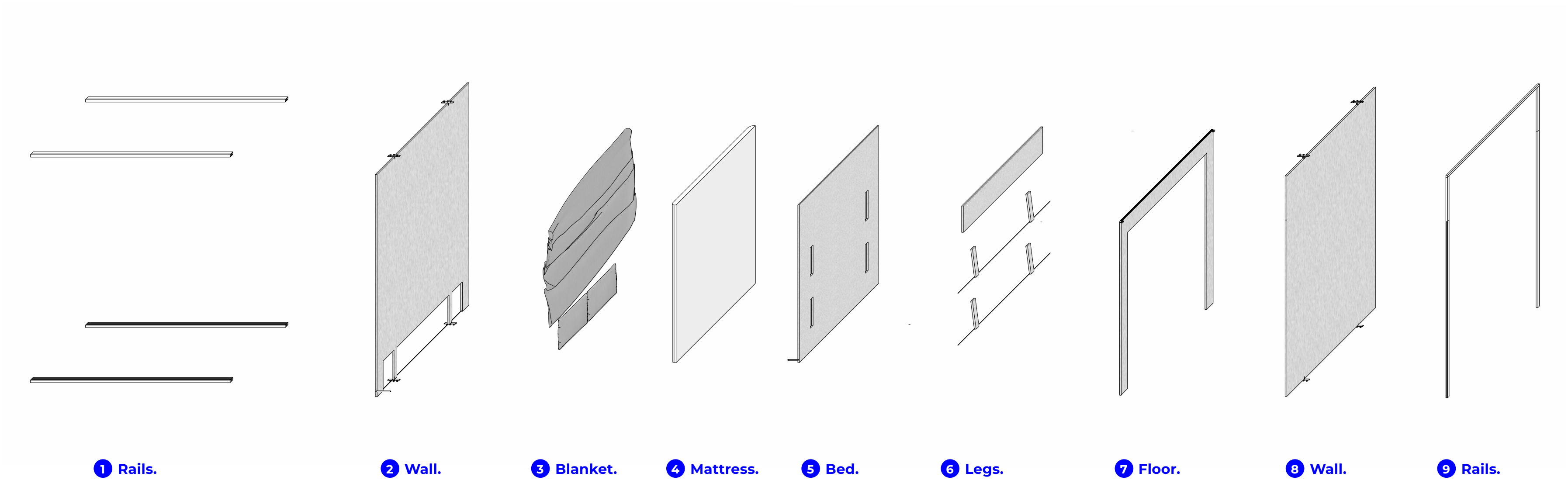
DETAIL CONCEILED FRAME | DWELLING

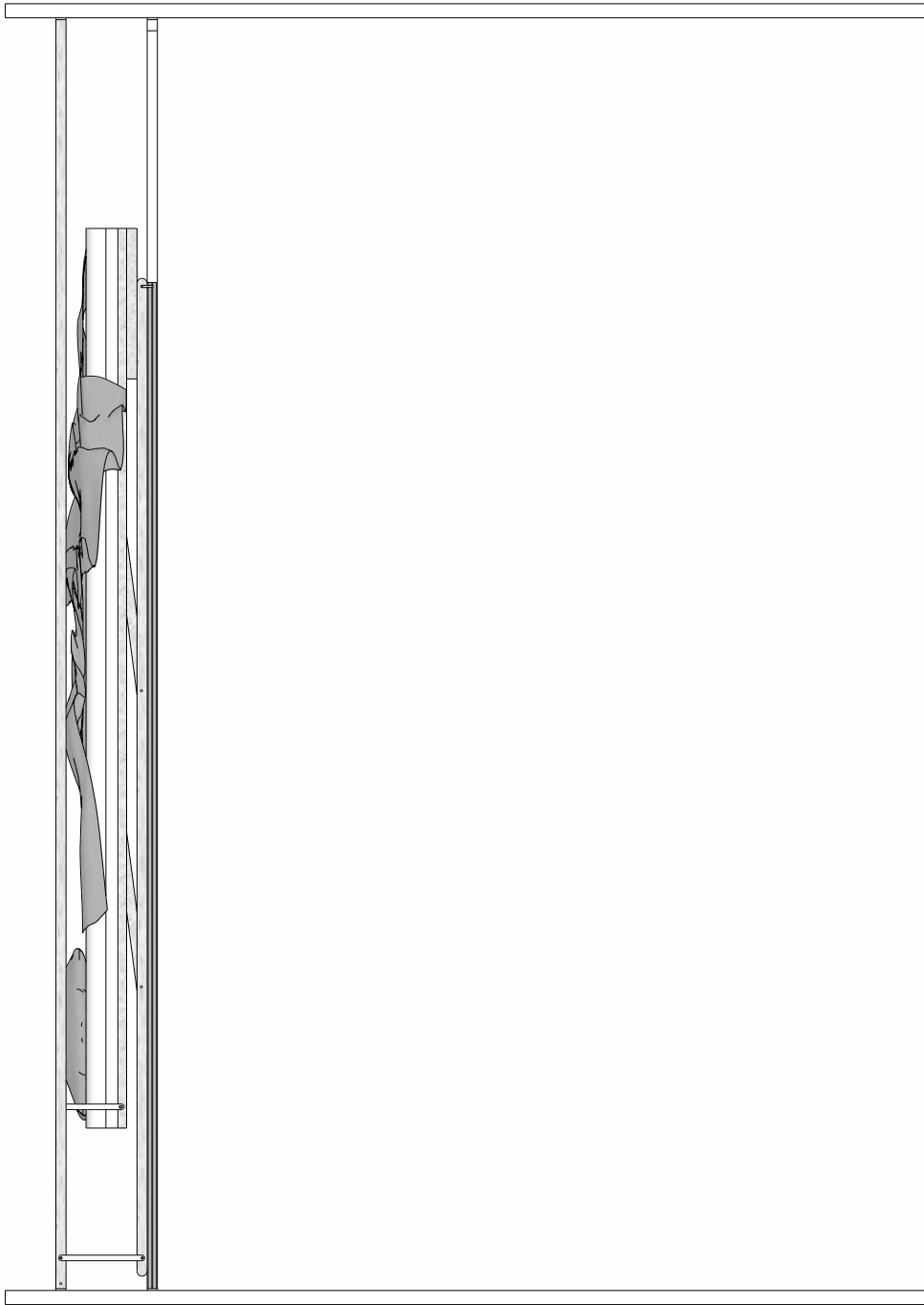
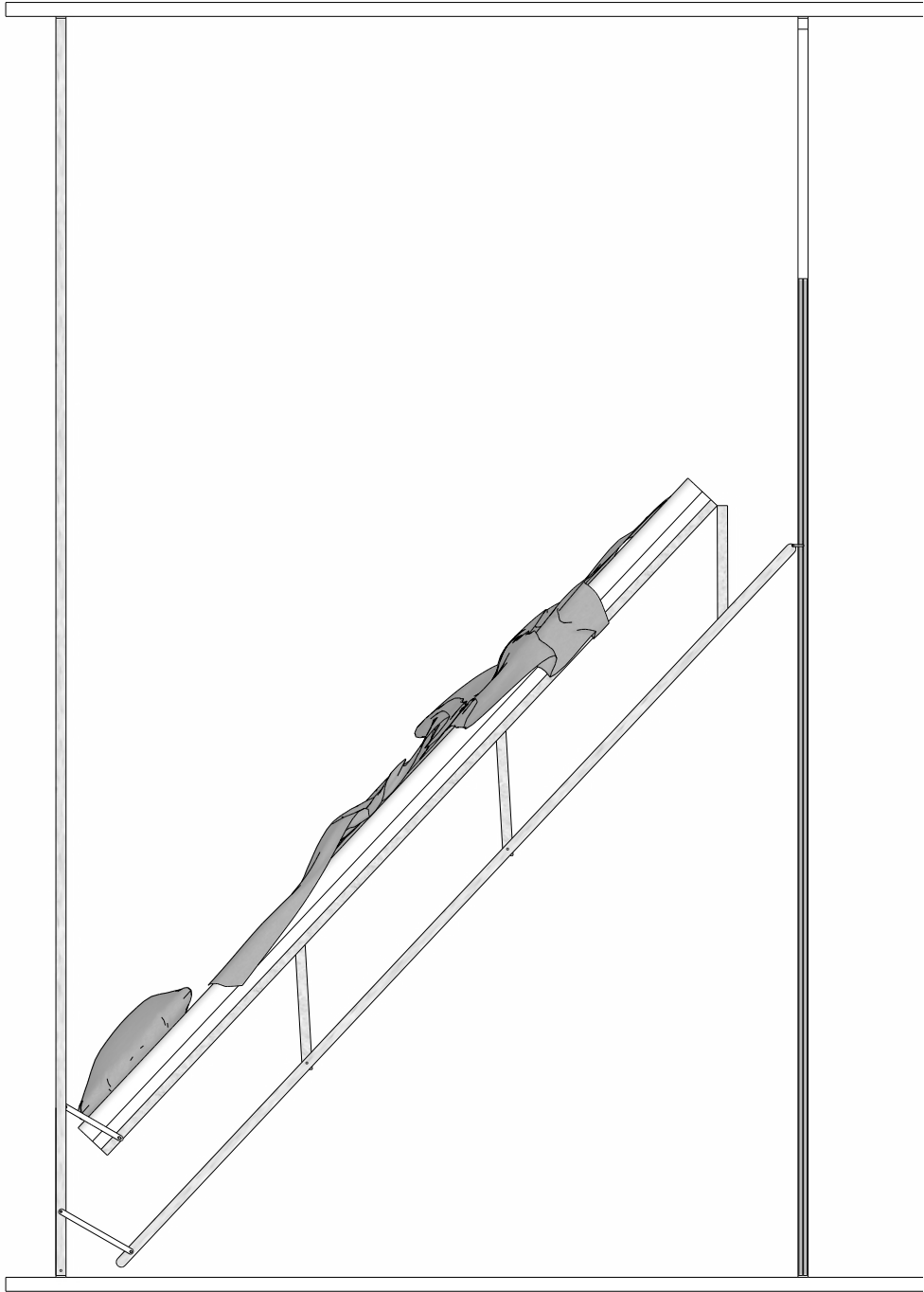
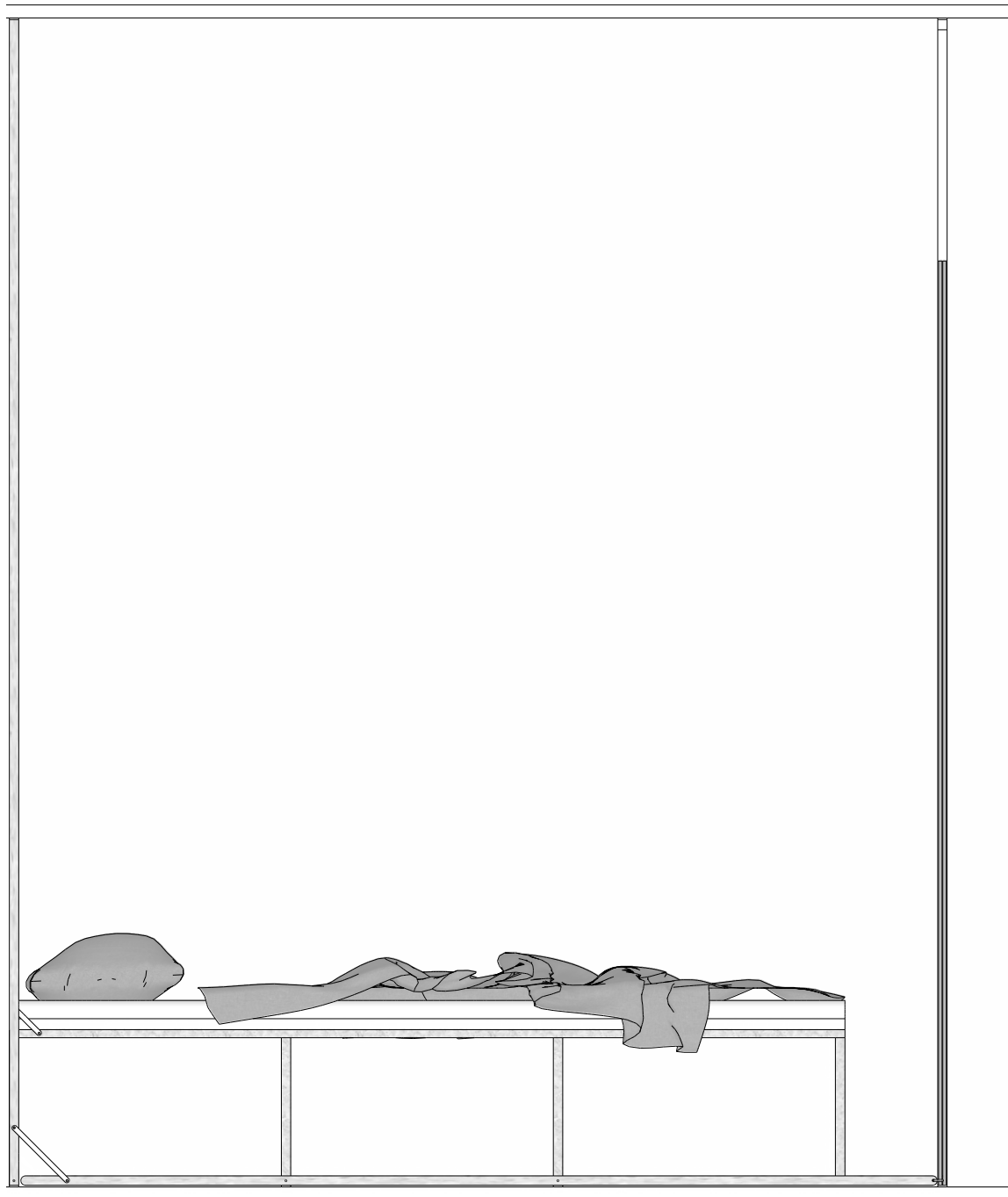


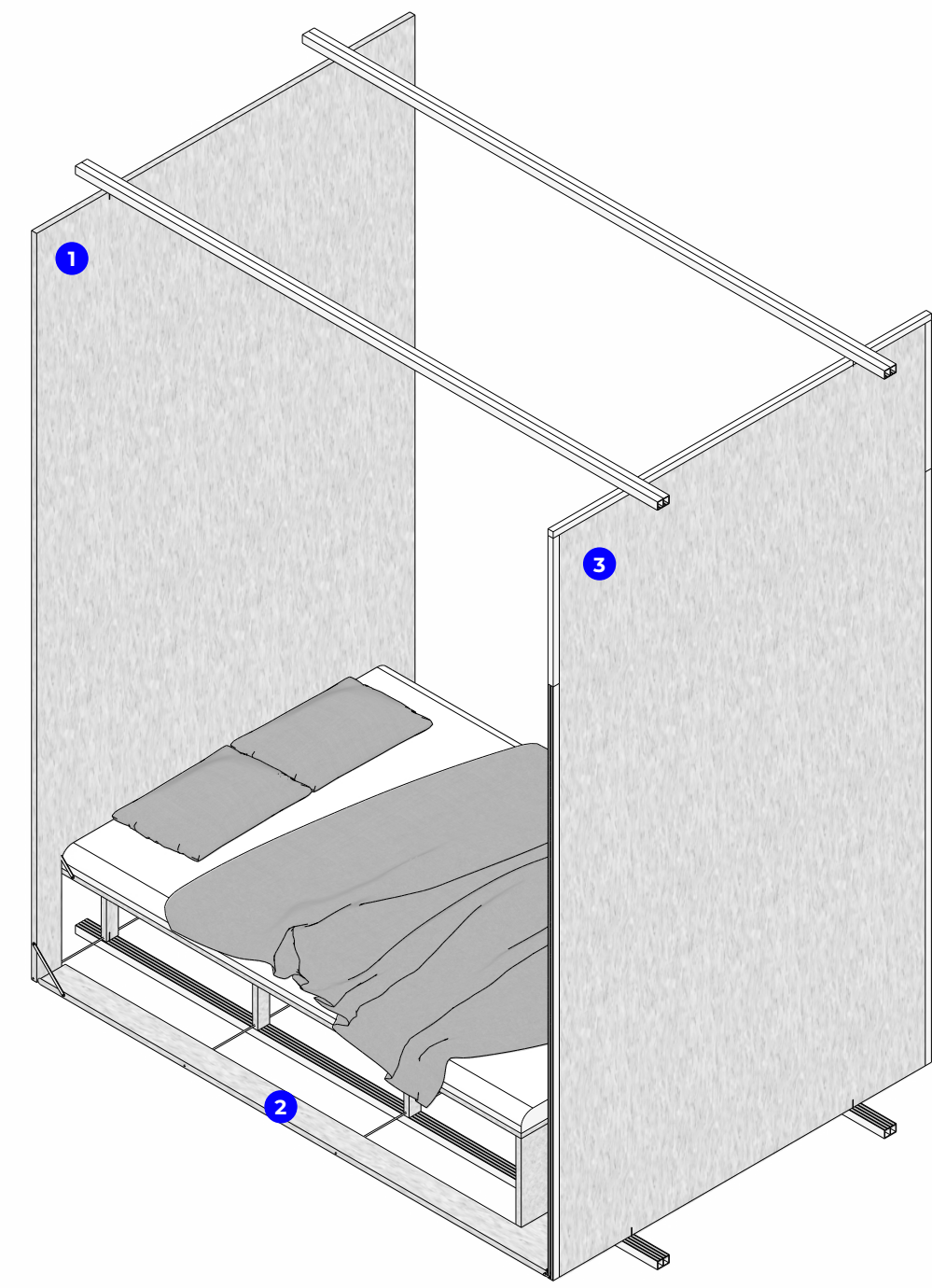
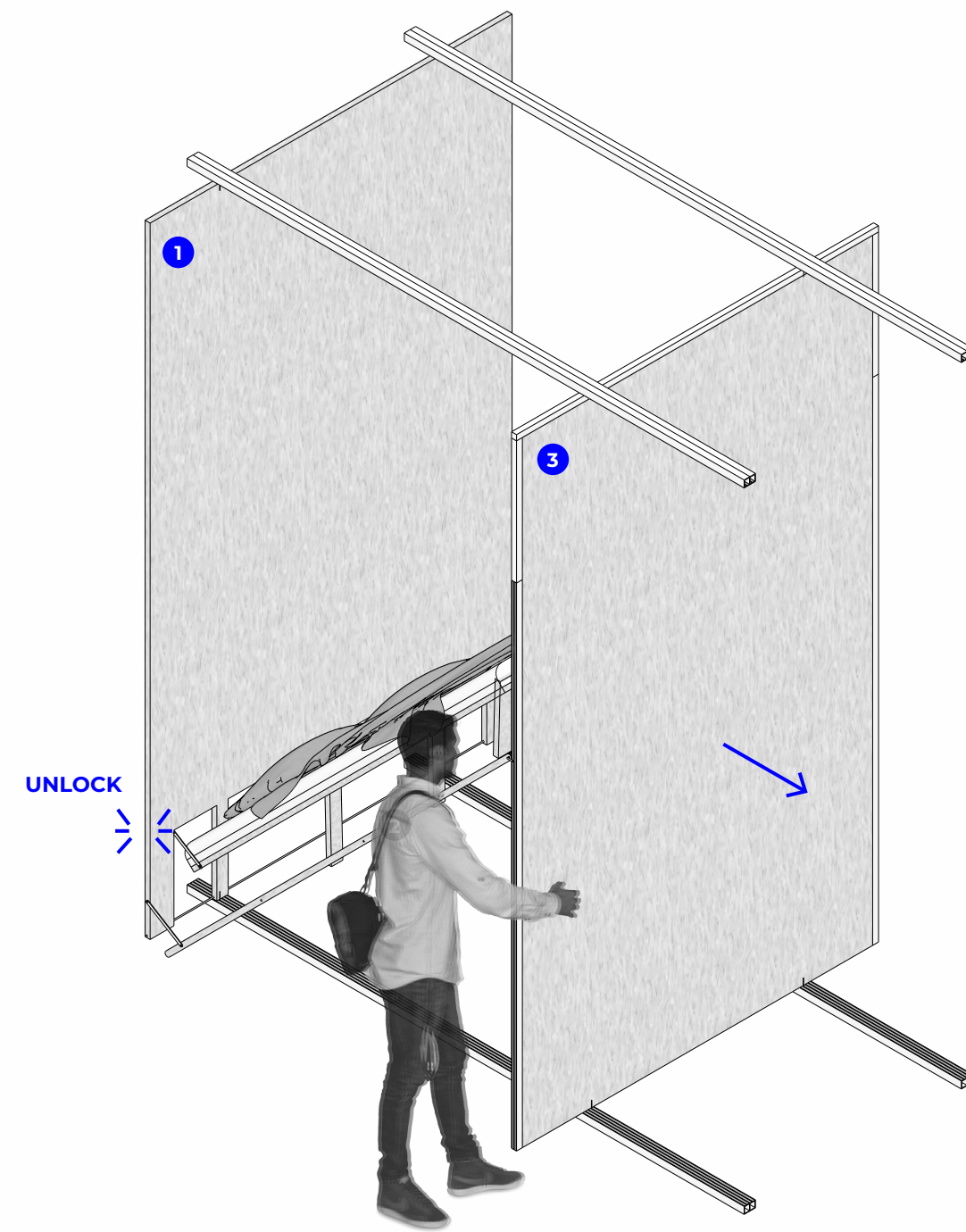
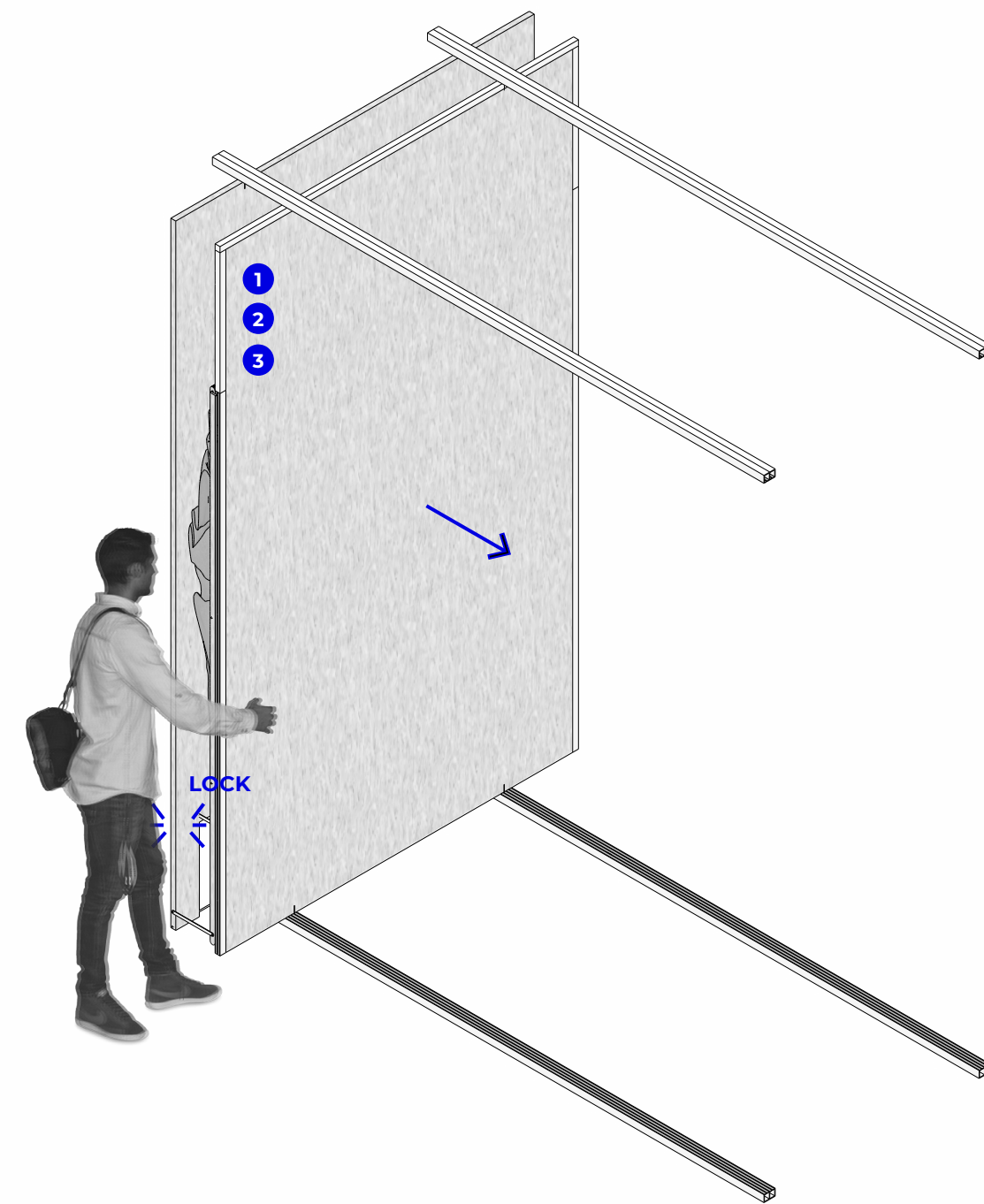
DETAIL STORAGE SPACE | DWELLING | SCALE 1:20

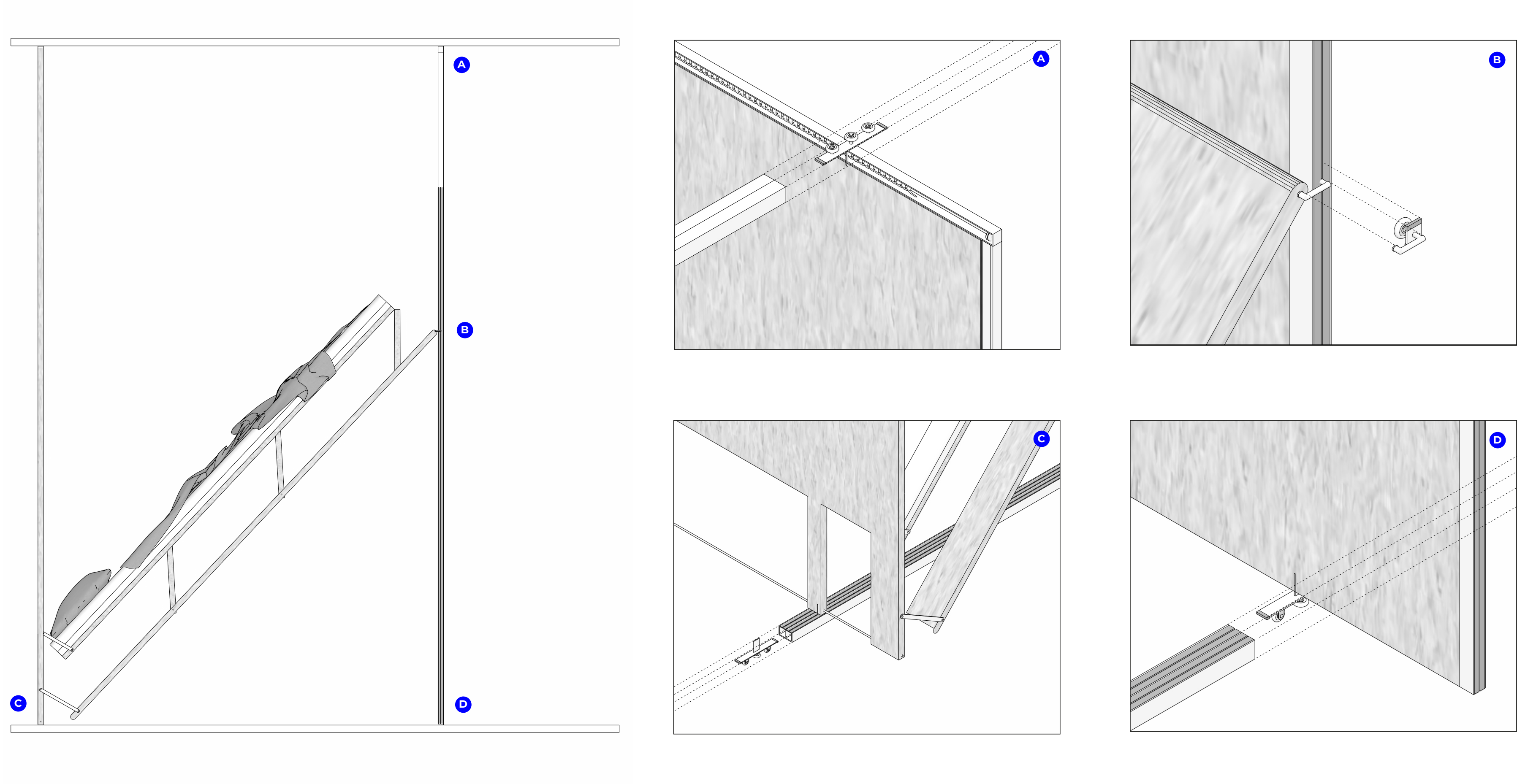


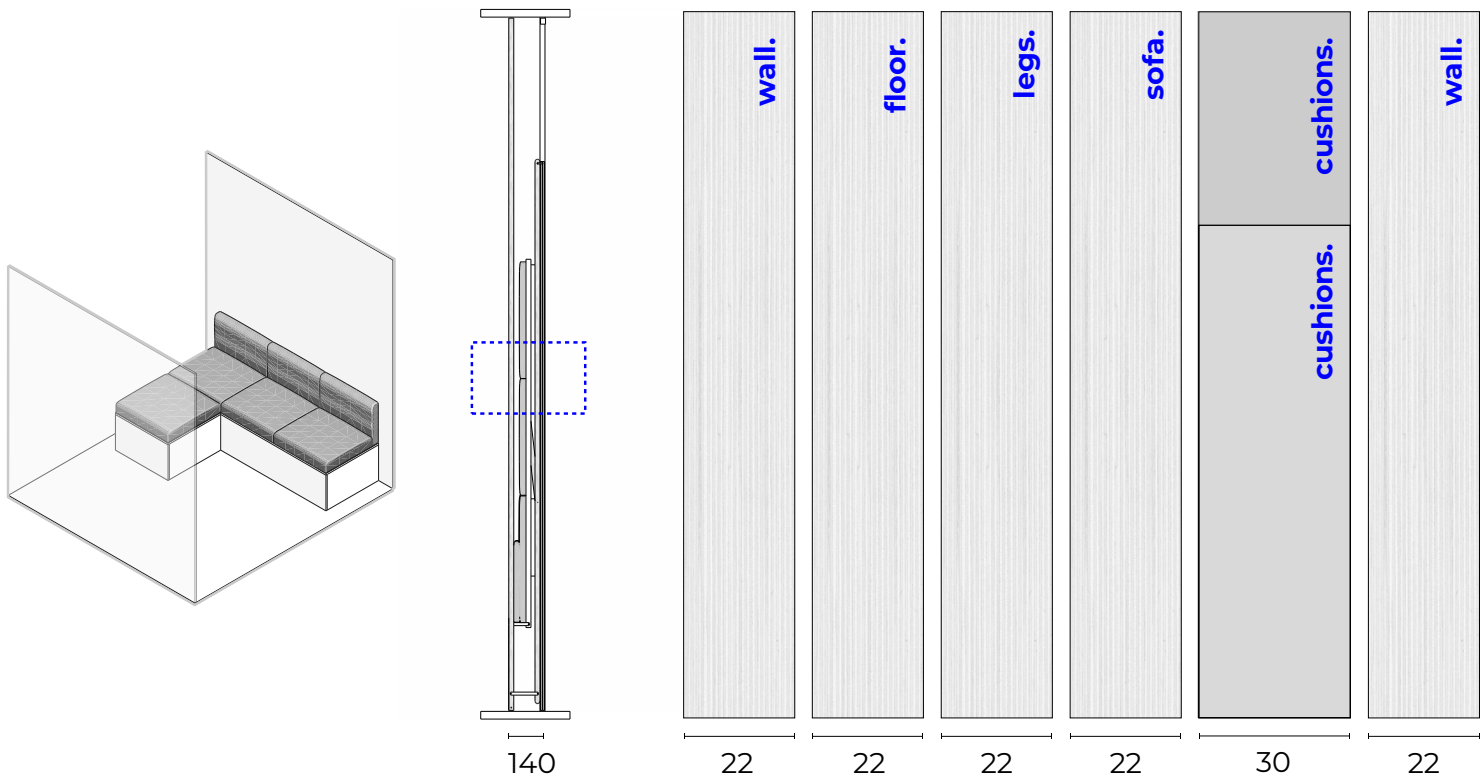
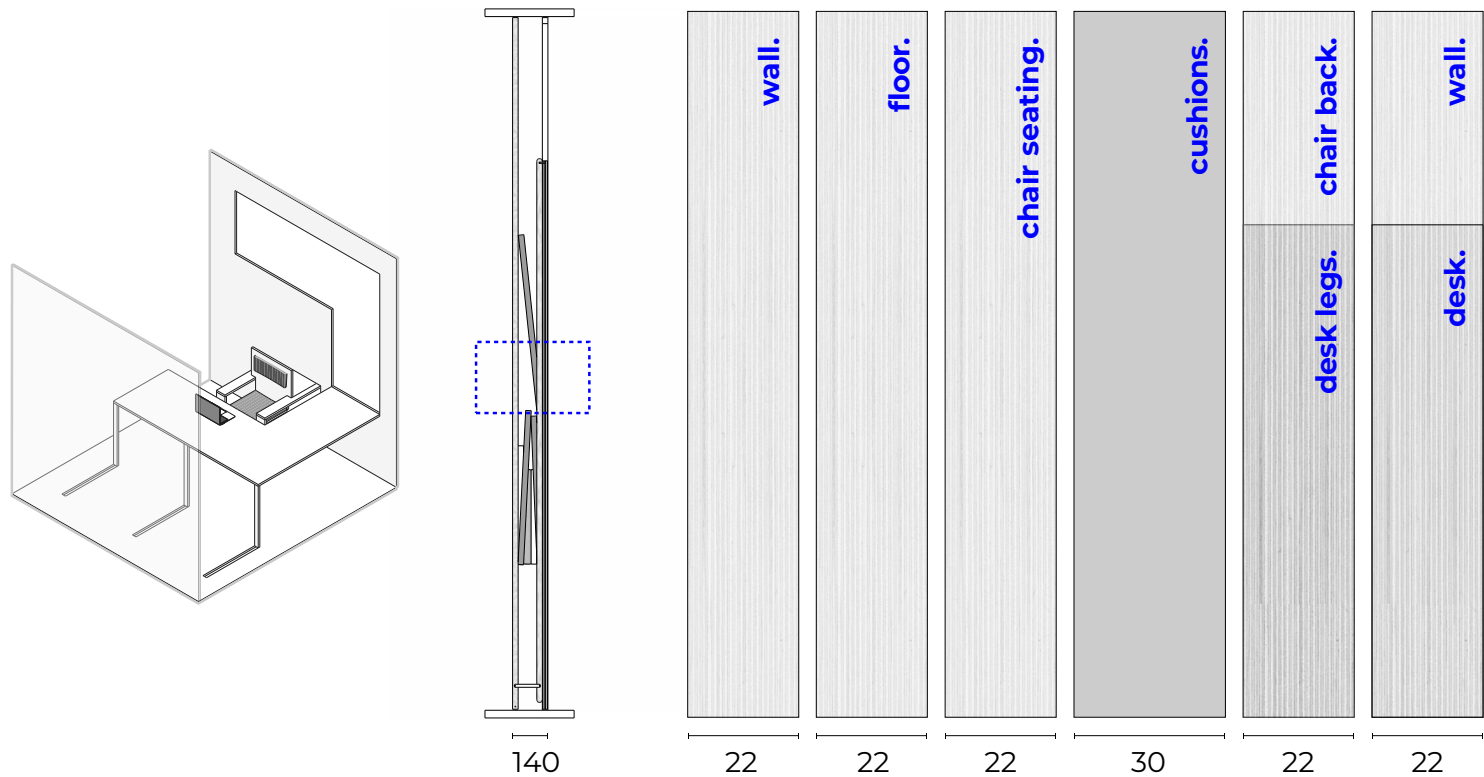
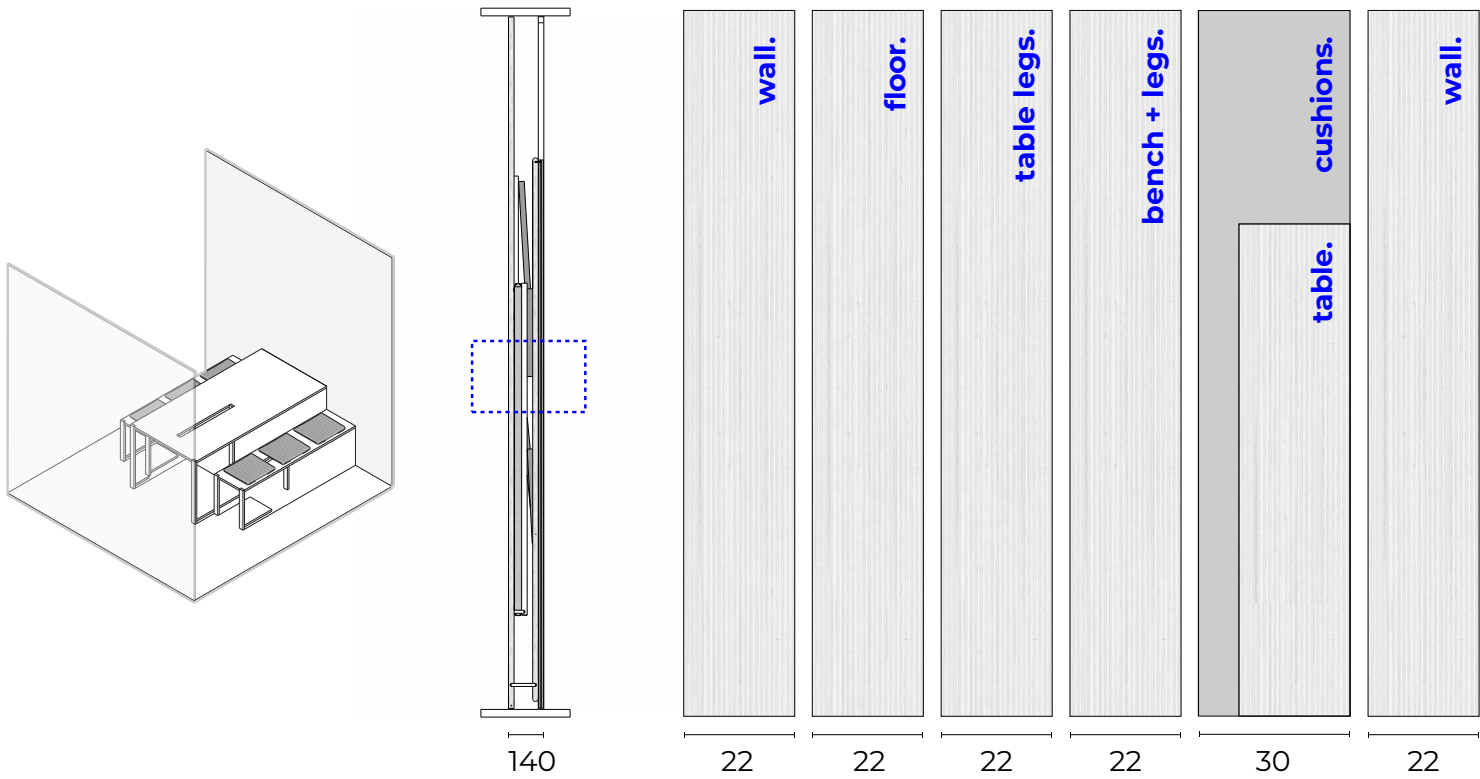
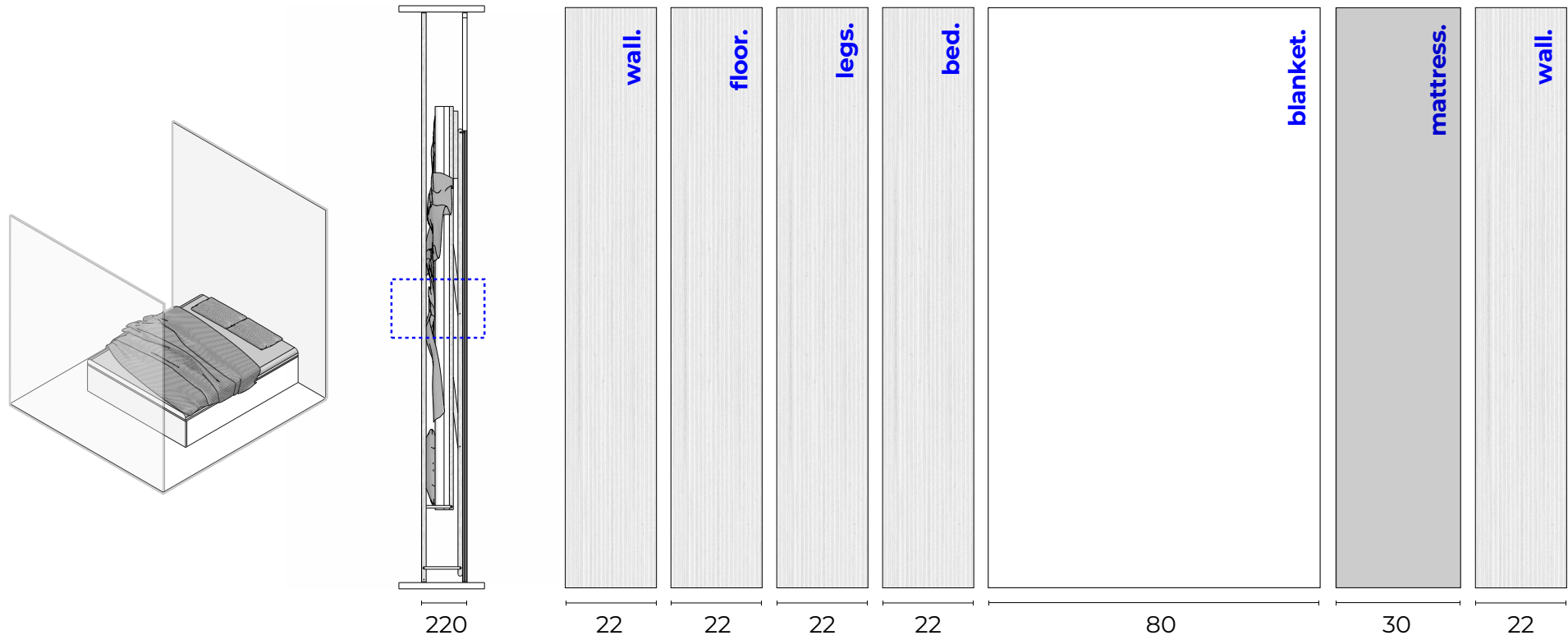
DWELLING | PACKAGES | EXPLODED VIEW

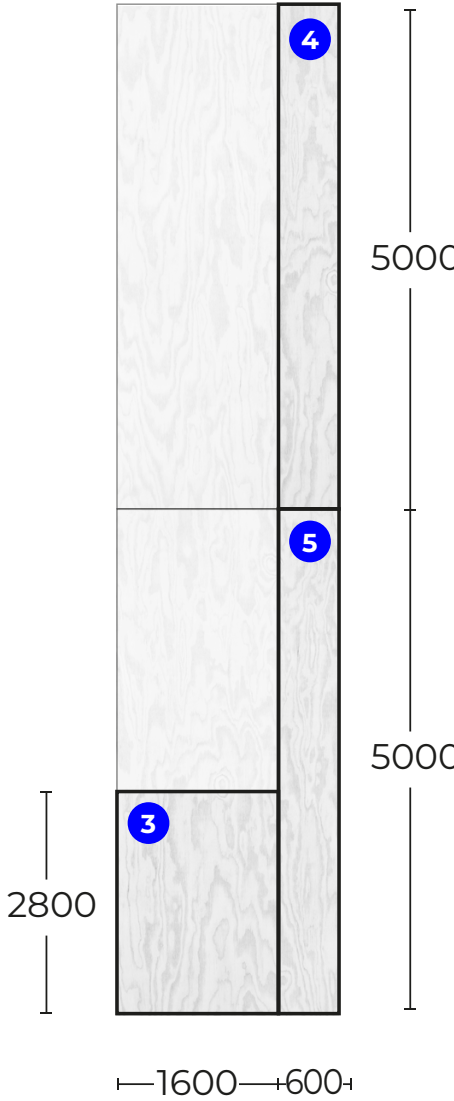
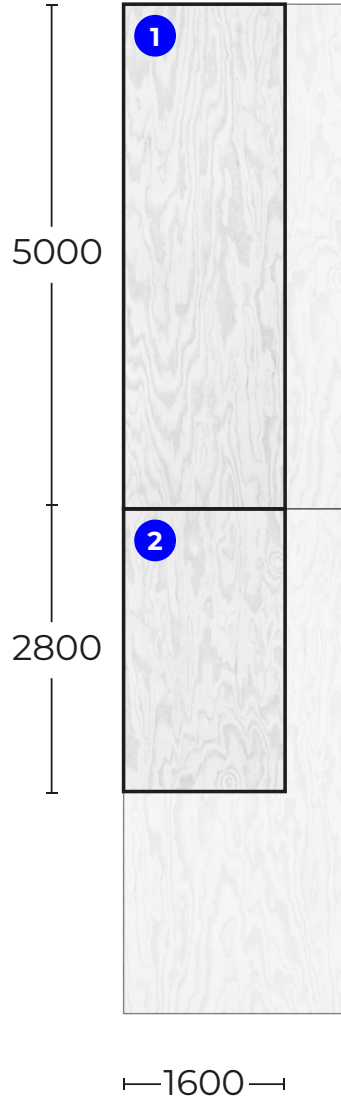
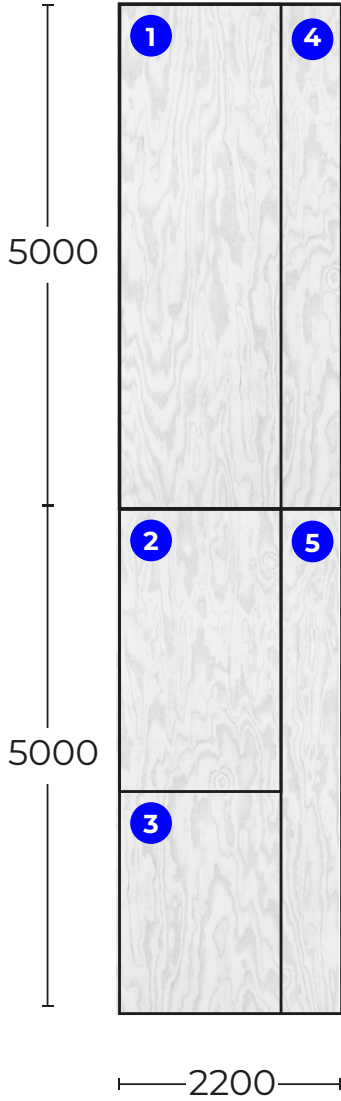
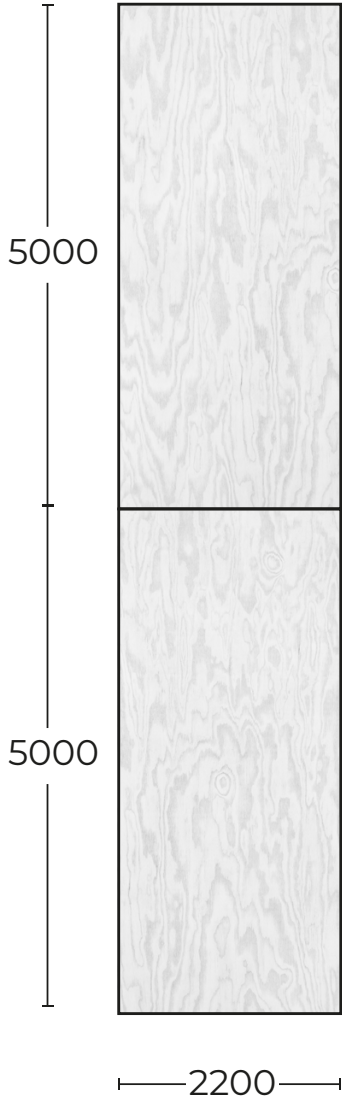
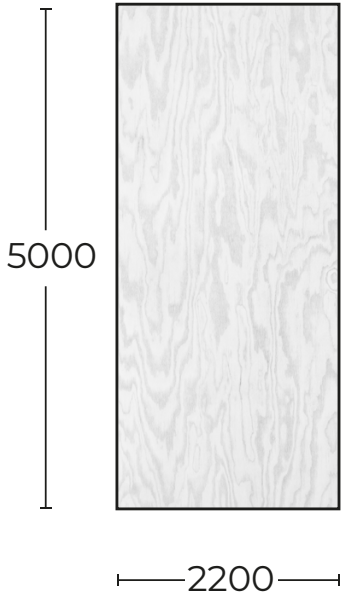








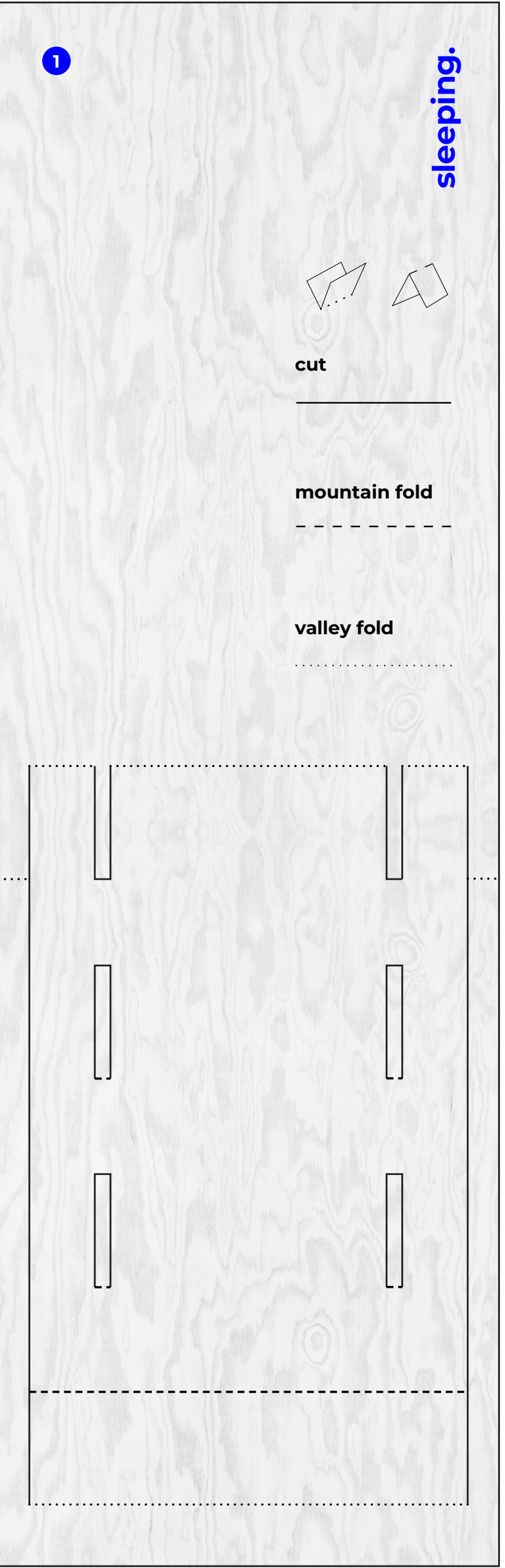
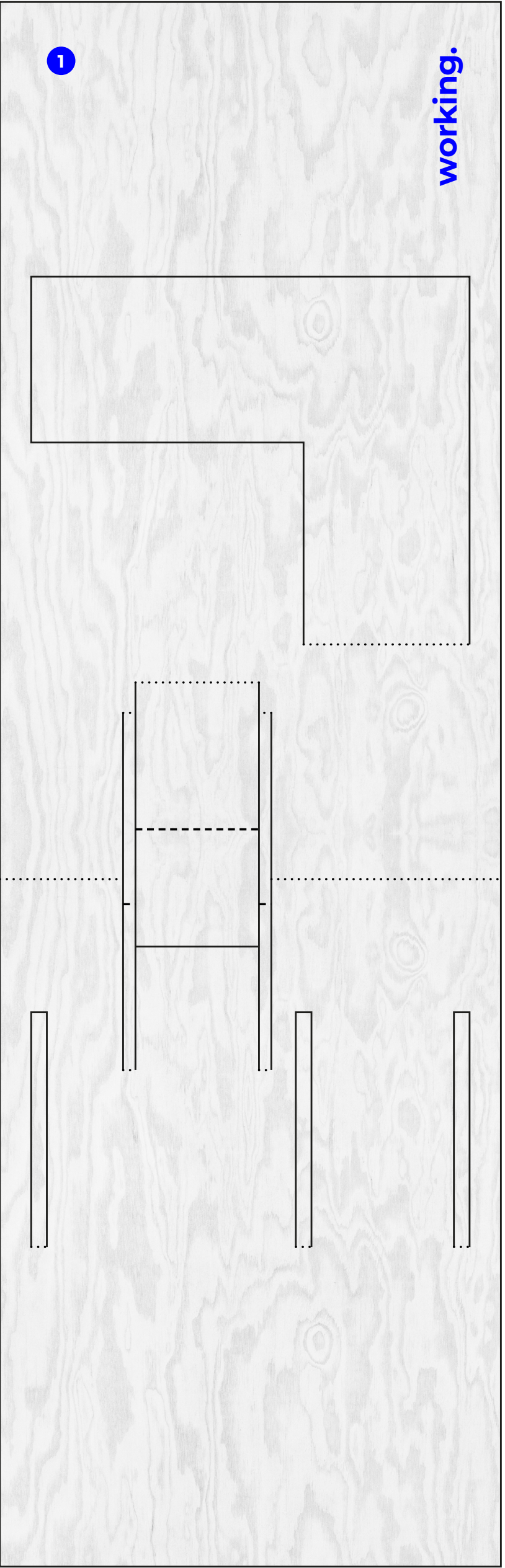
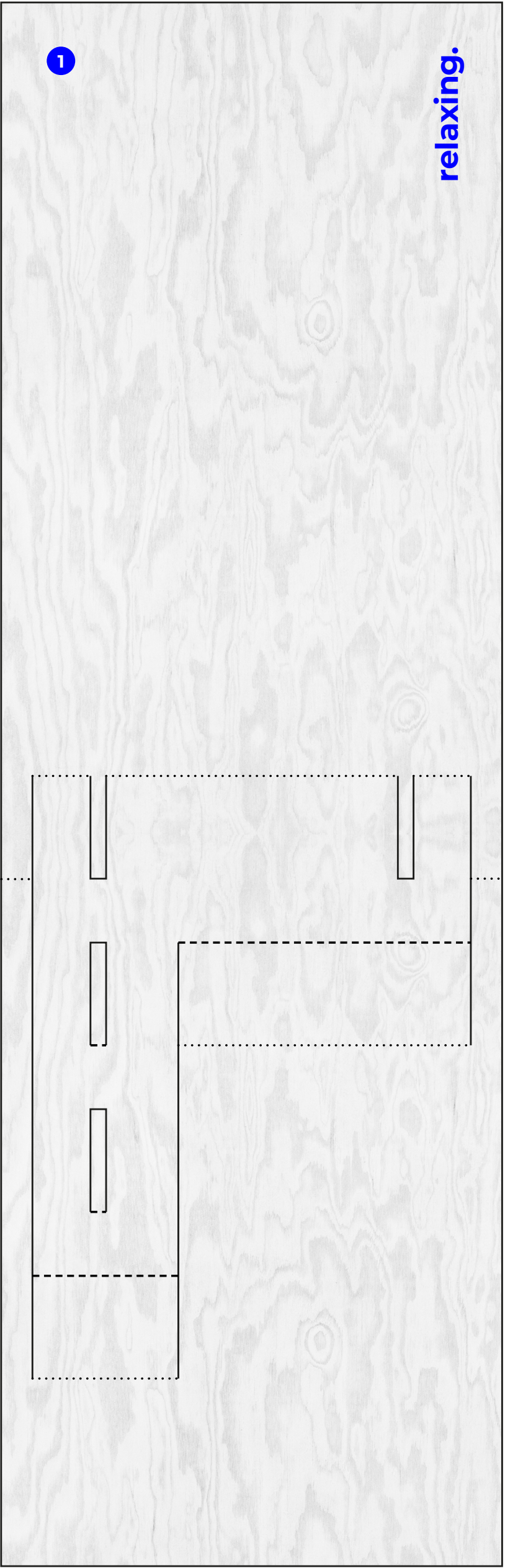
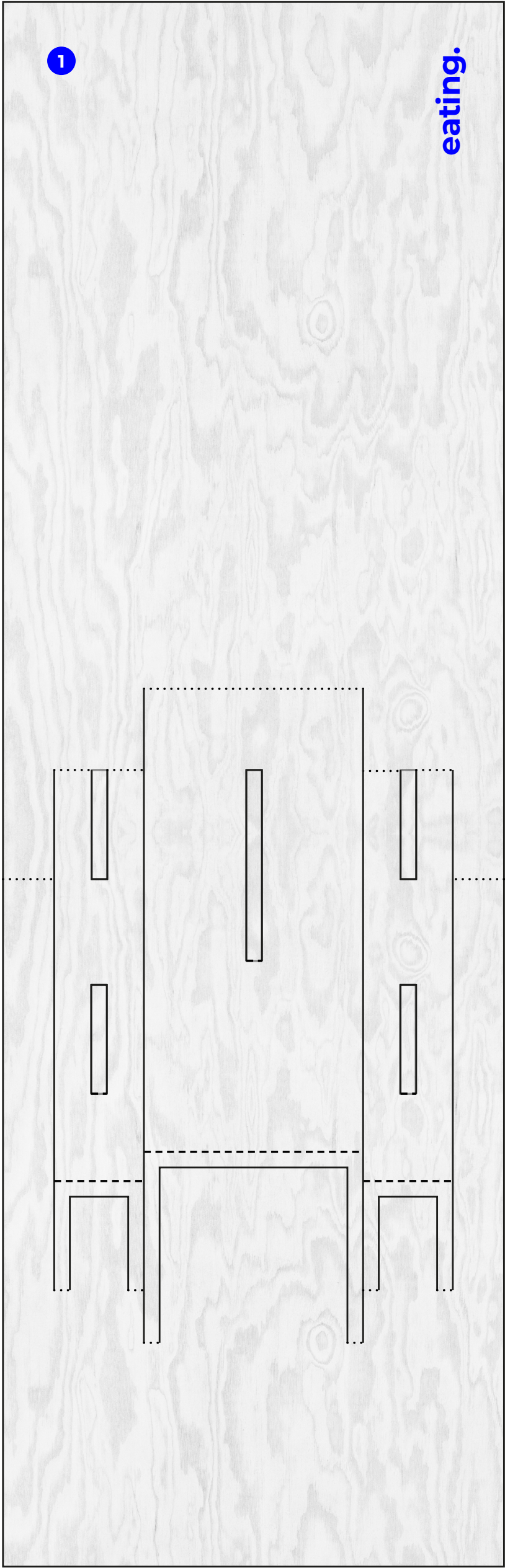


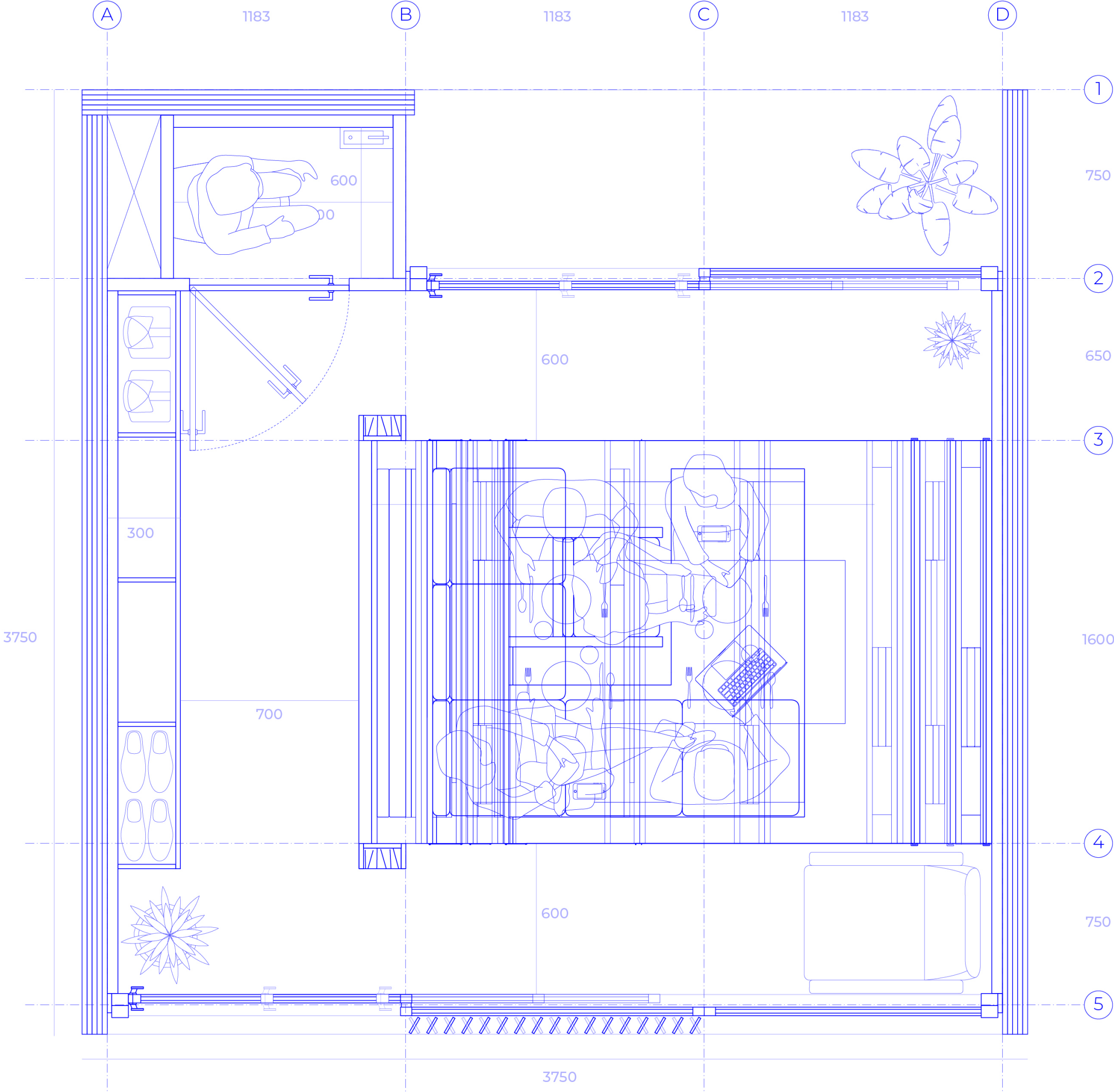


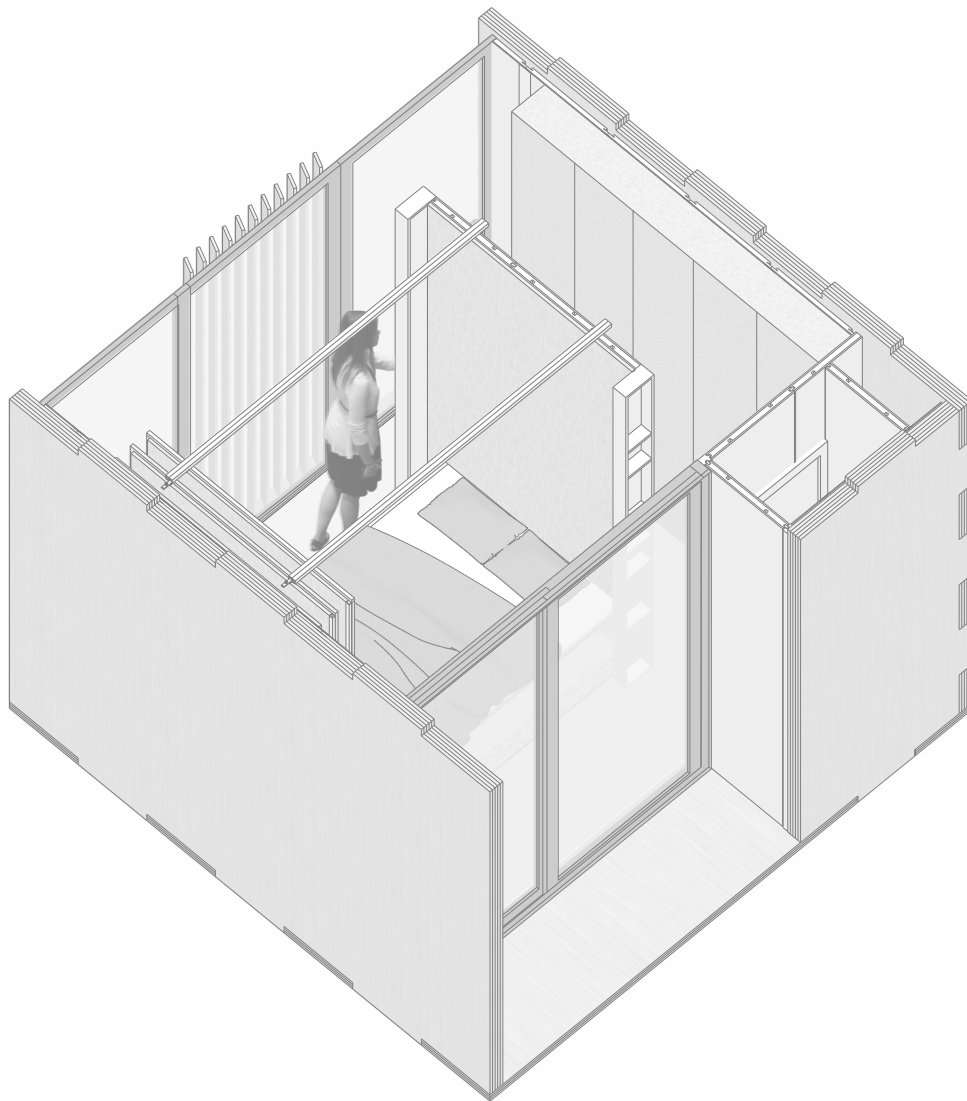
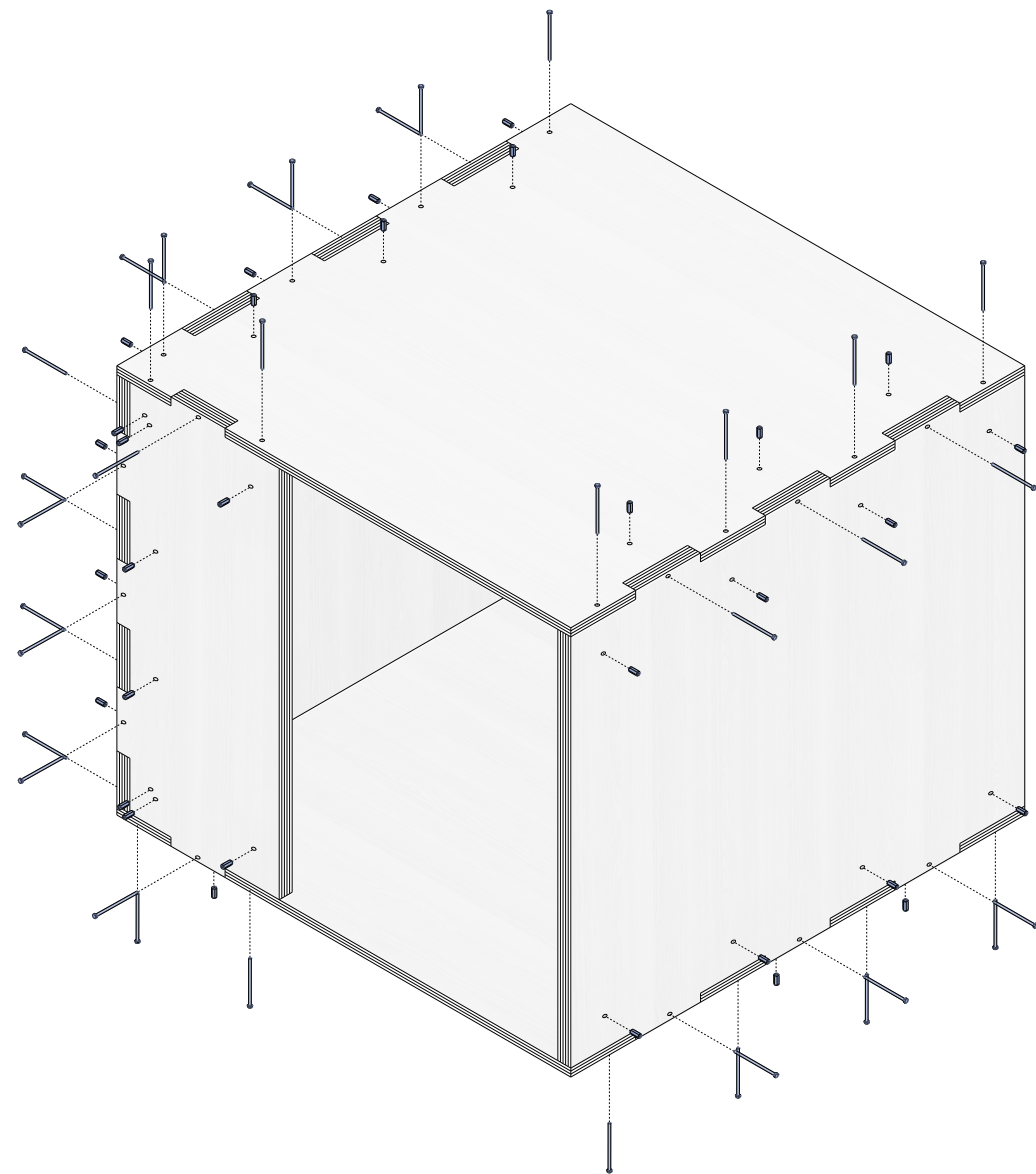
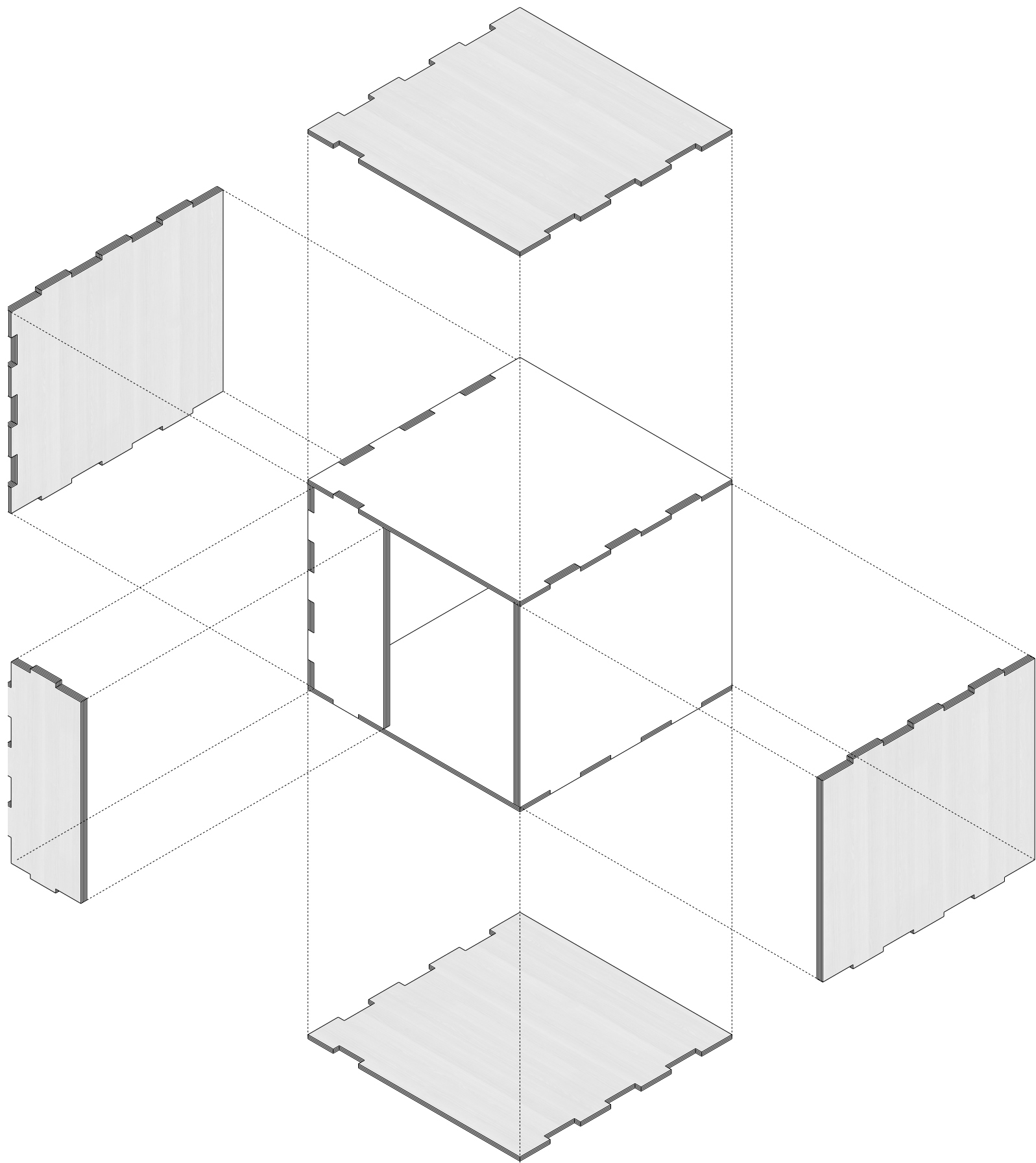
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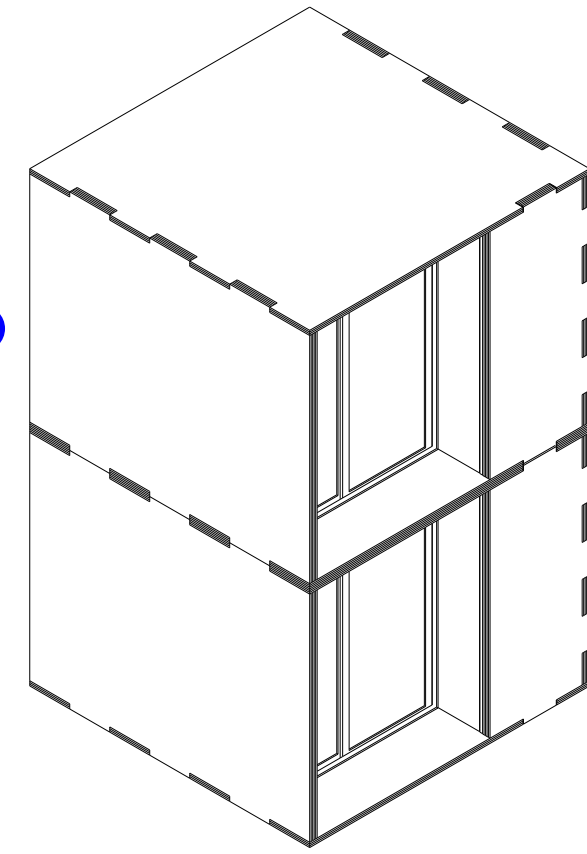
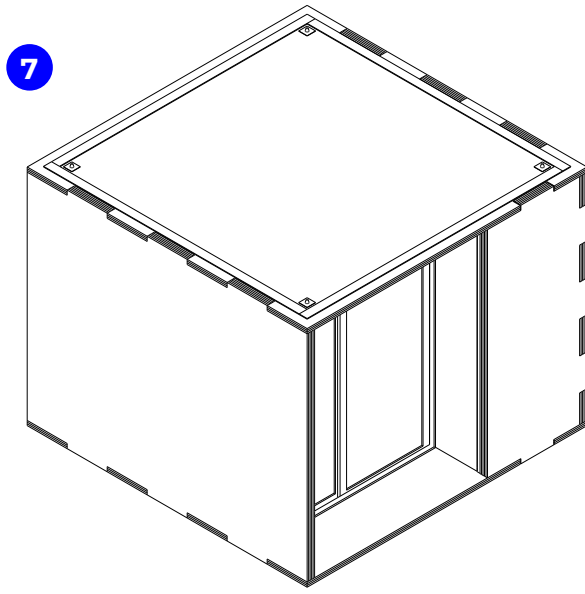
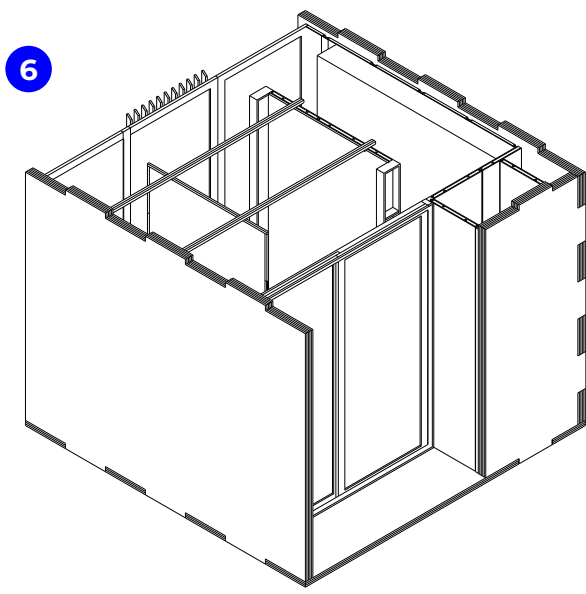
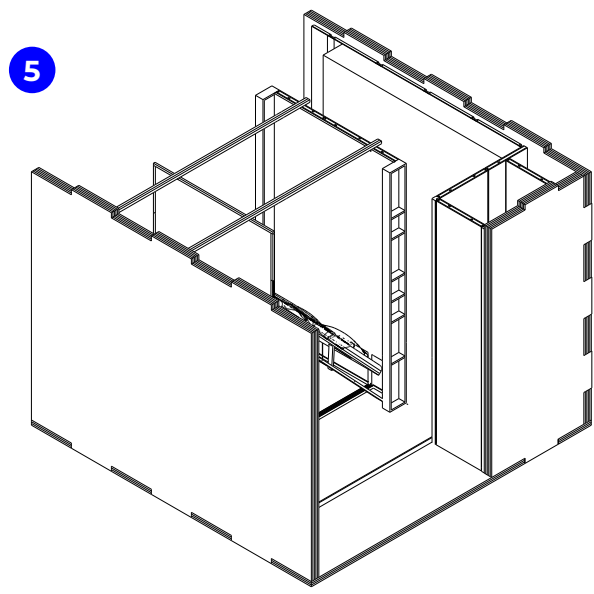
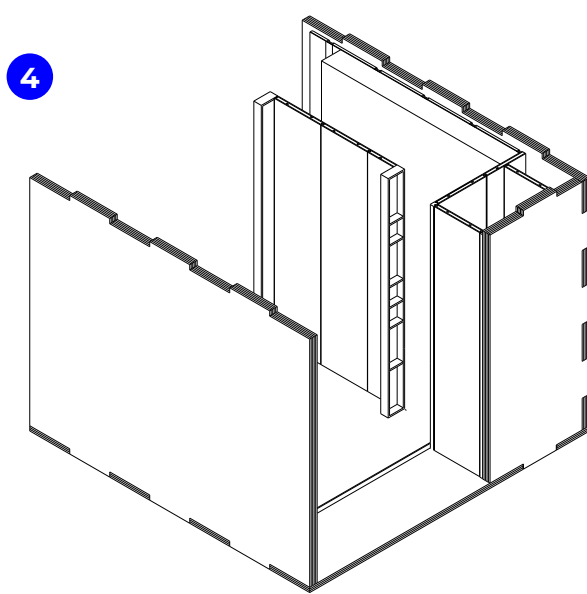
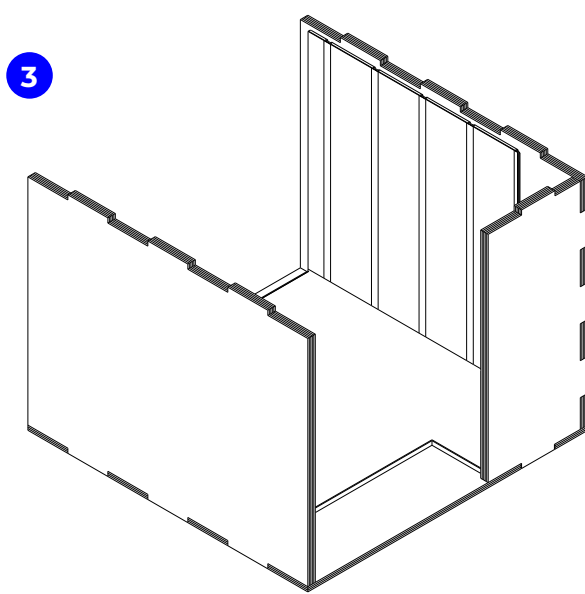
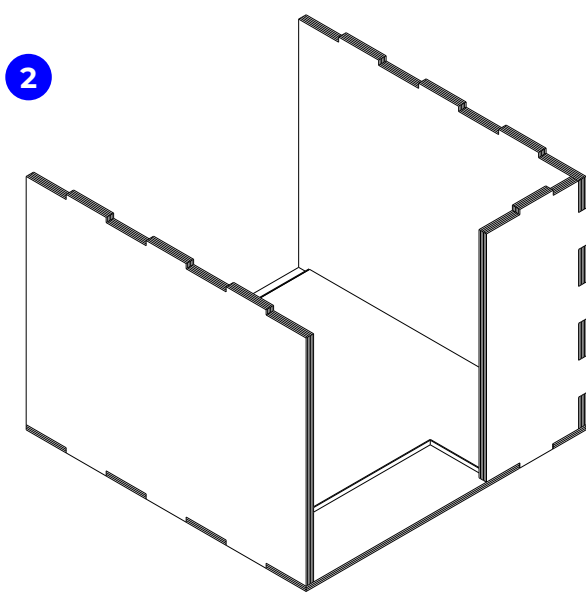
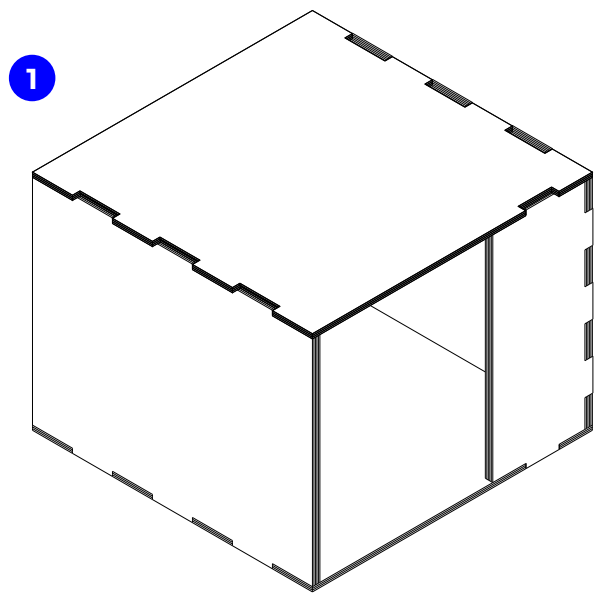


closet doors.

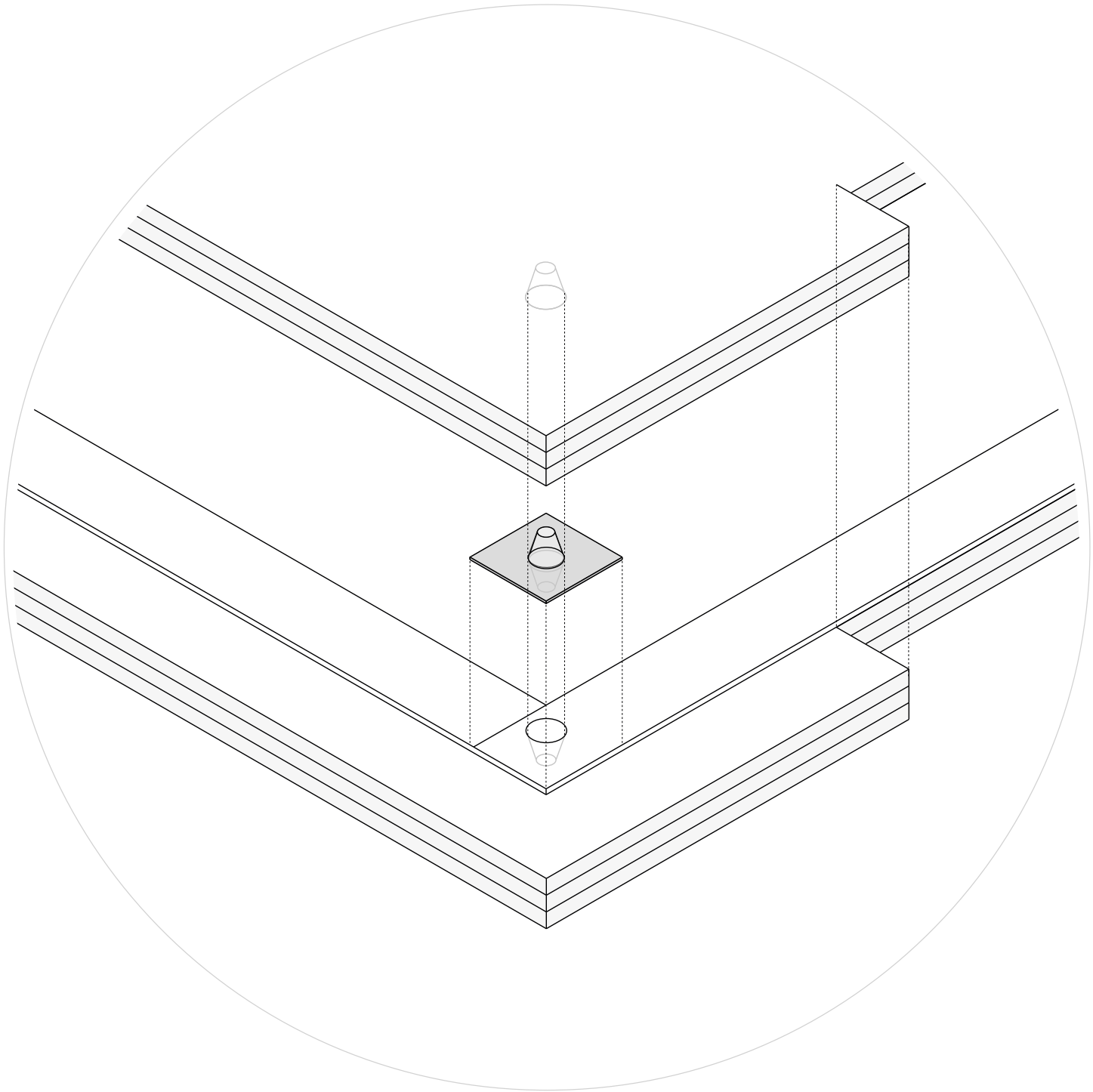




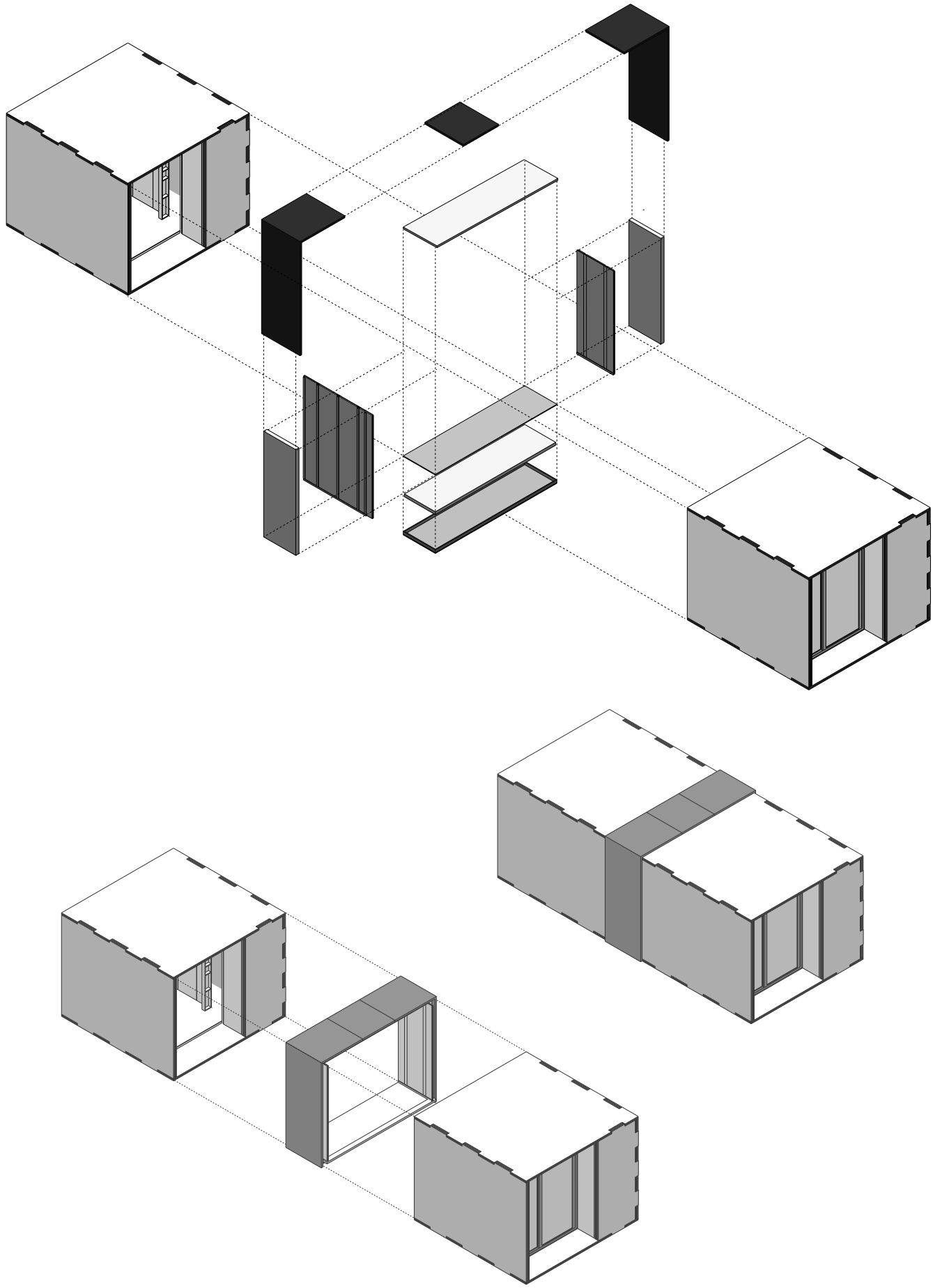




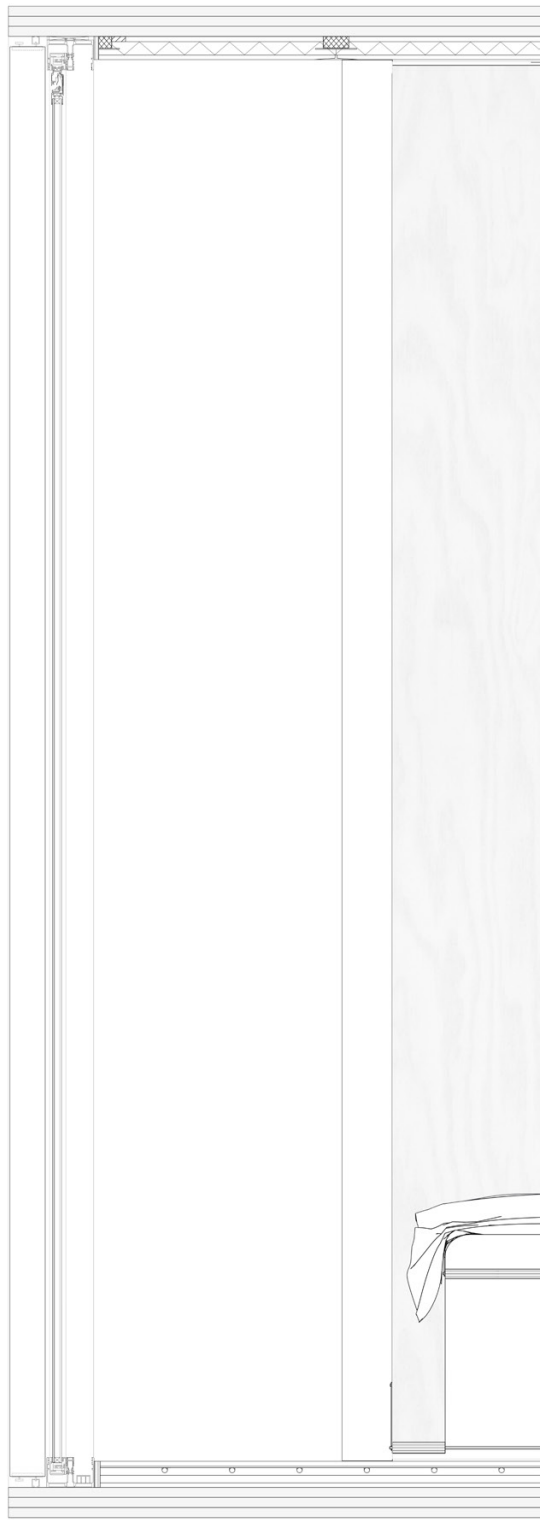
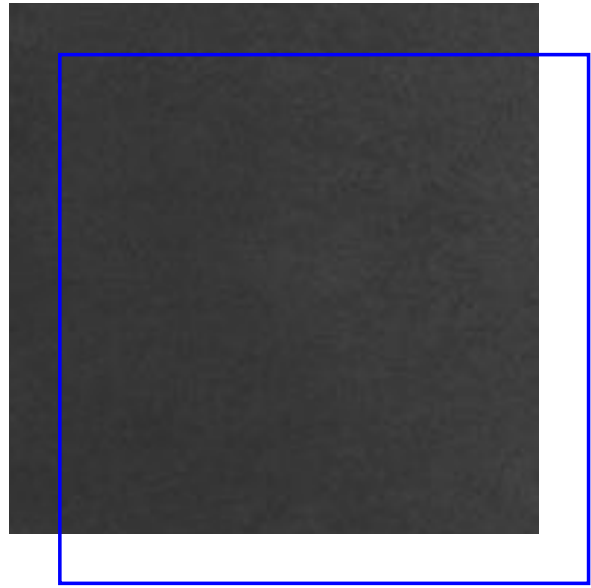
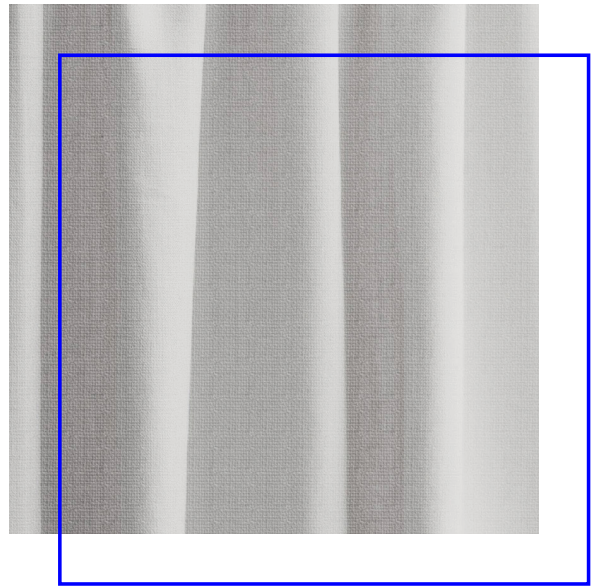
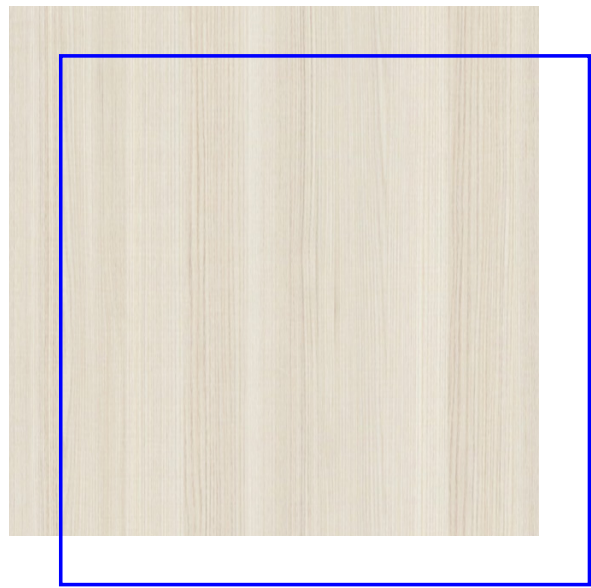
VERTICAL



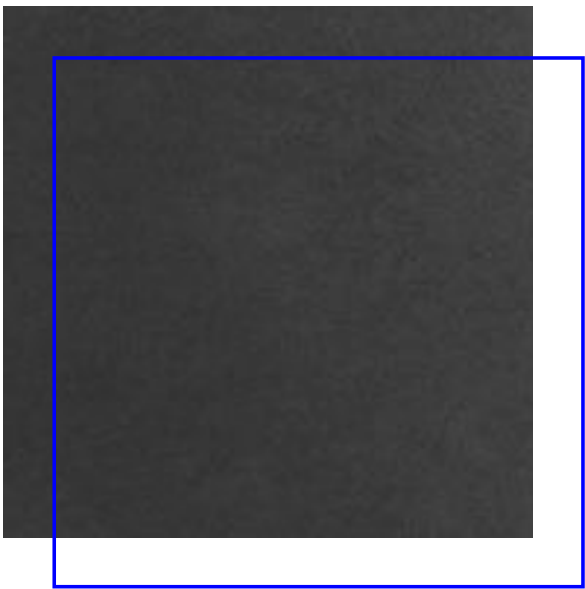
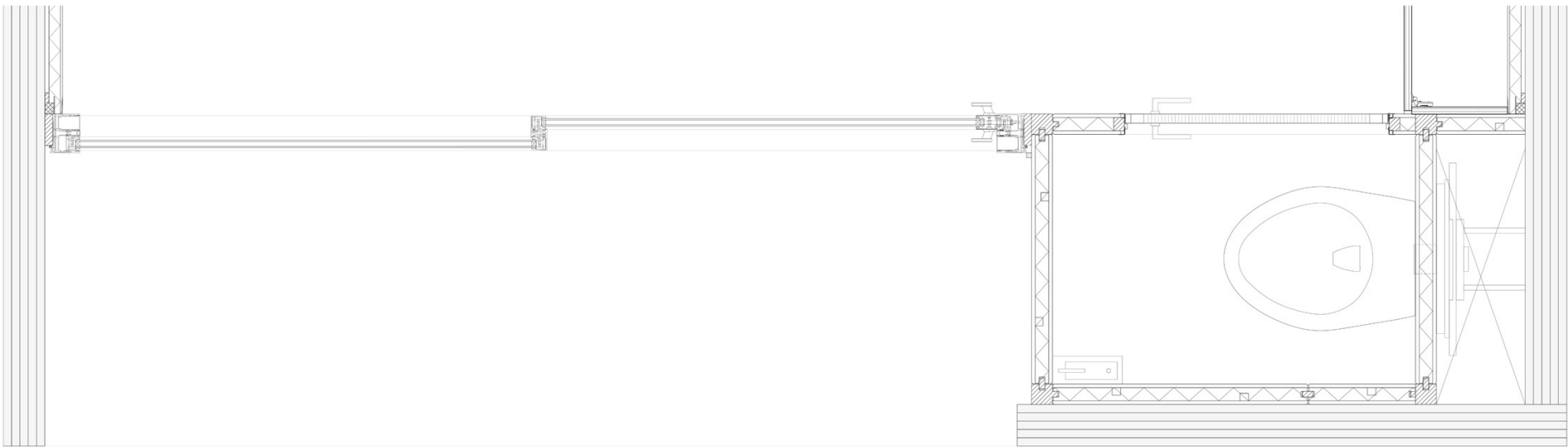
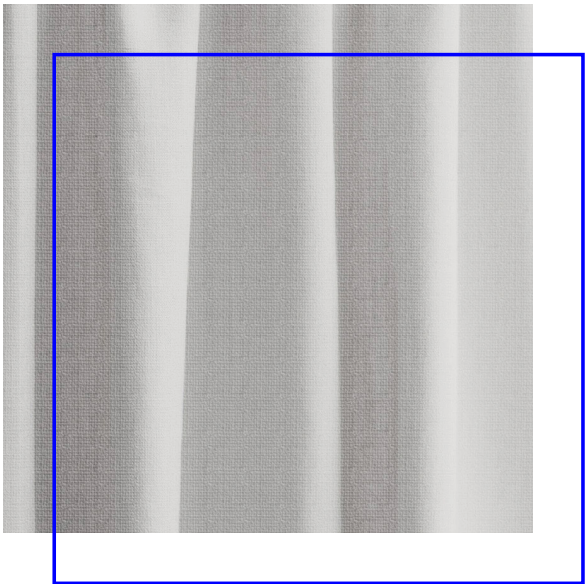
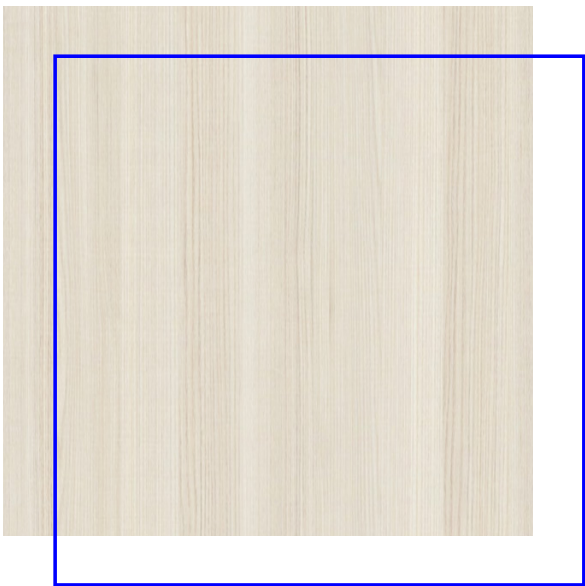
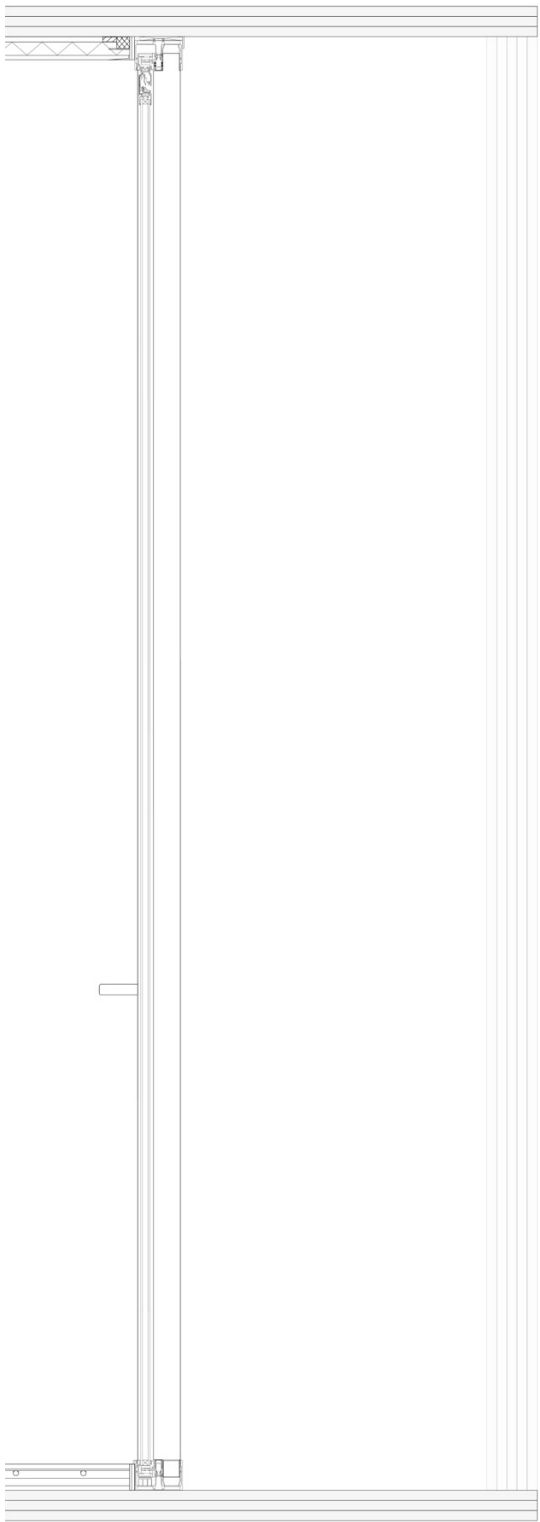
HORIZONTAL



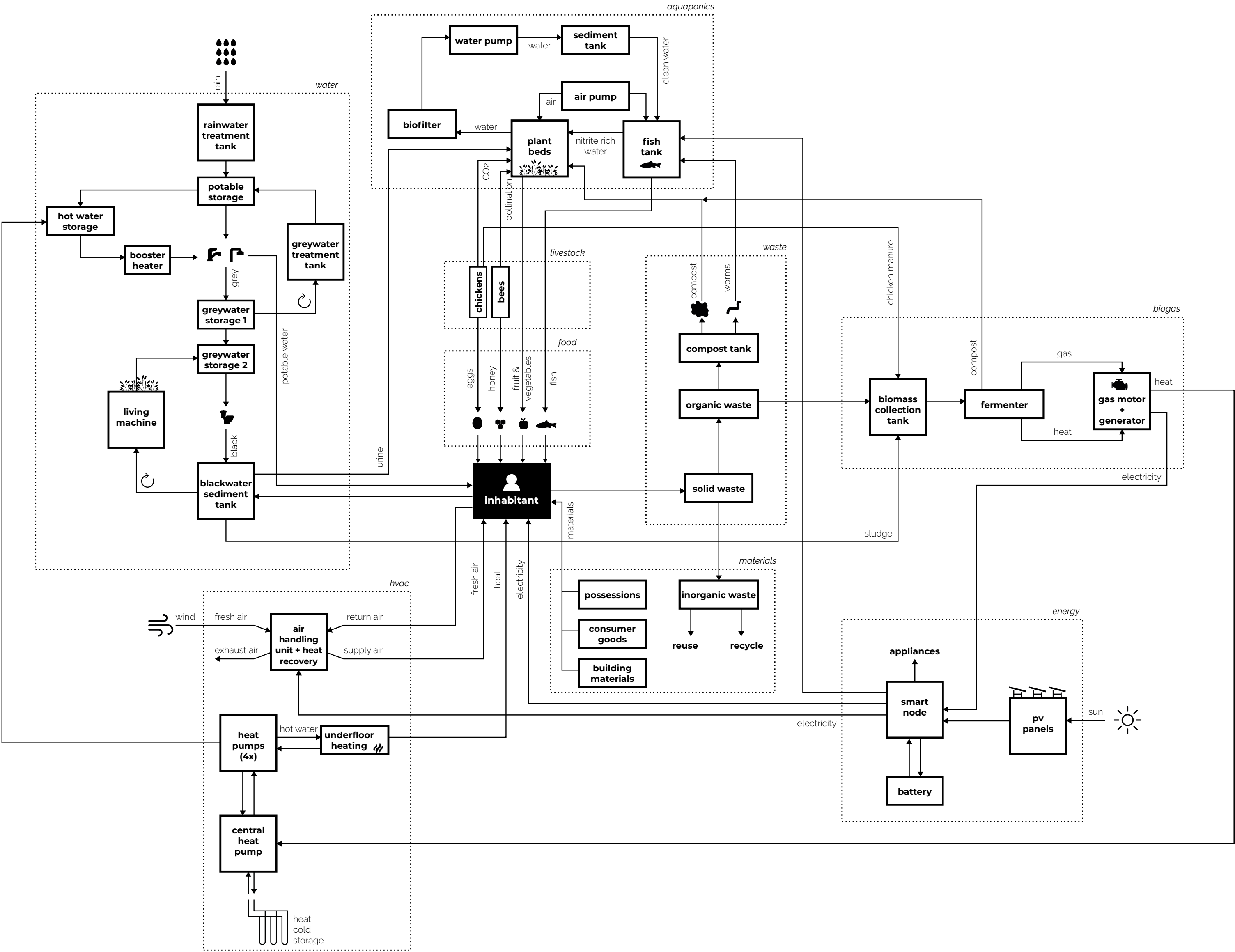
FACADE | DWELLING | SCALE 1.20



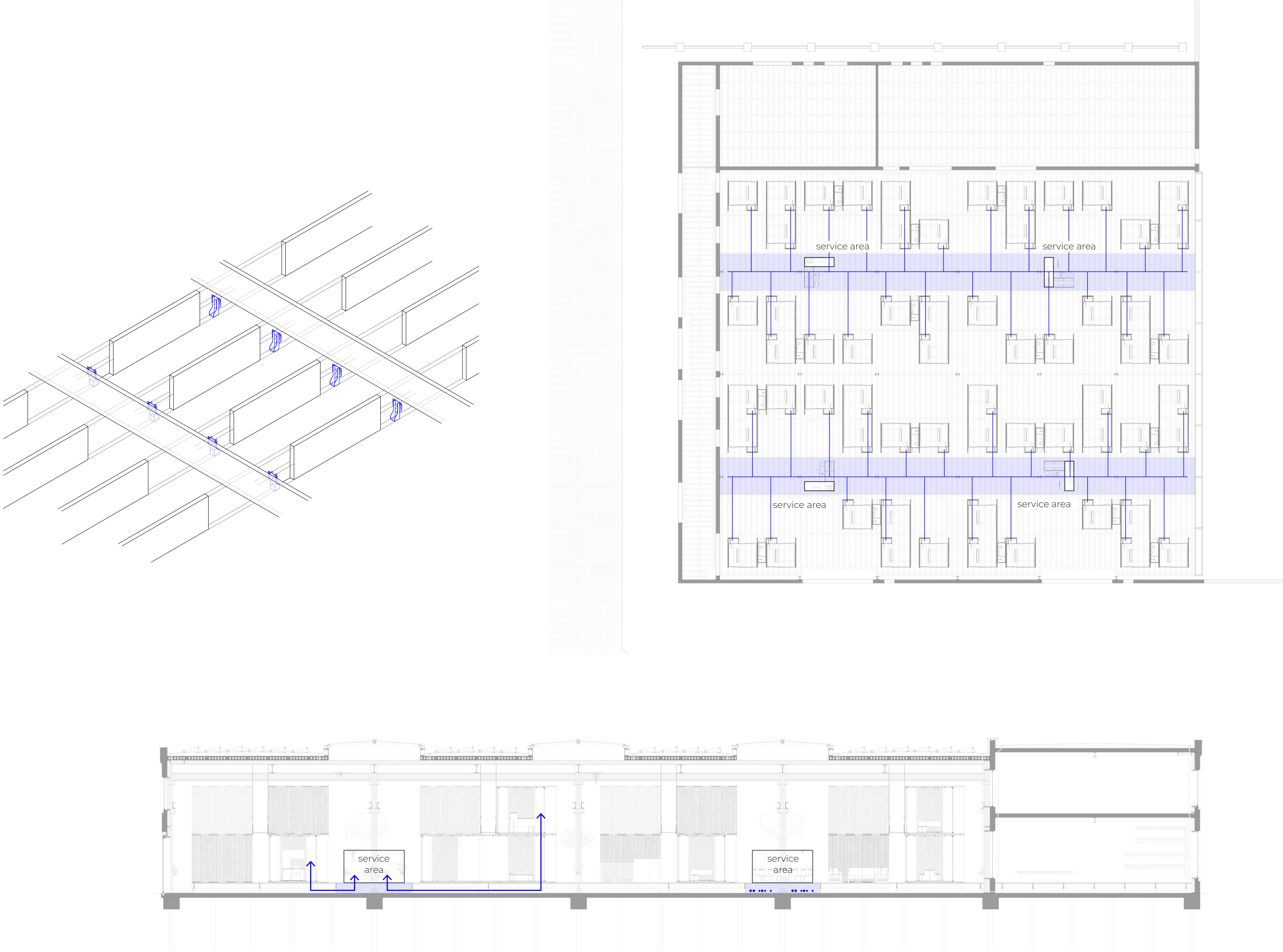
FACADE | DWELLING | SCALE 1.20

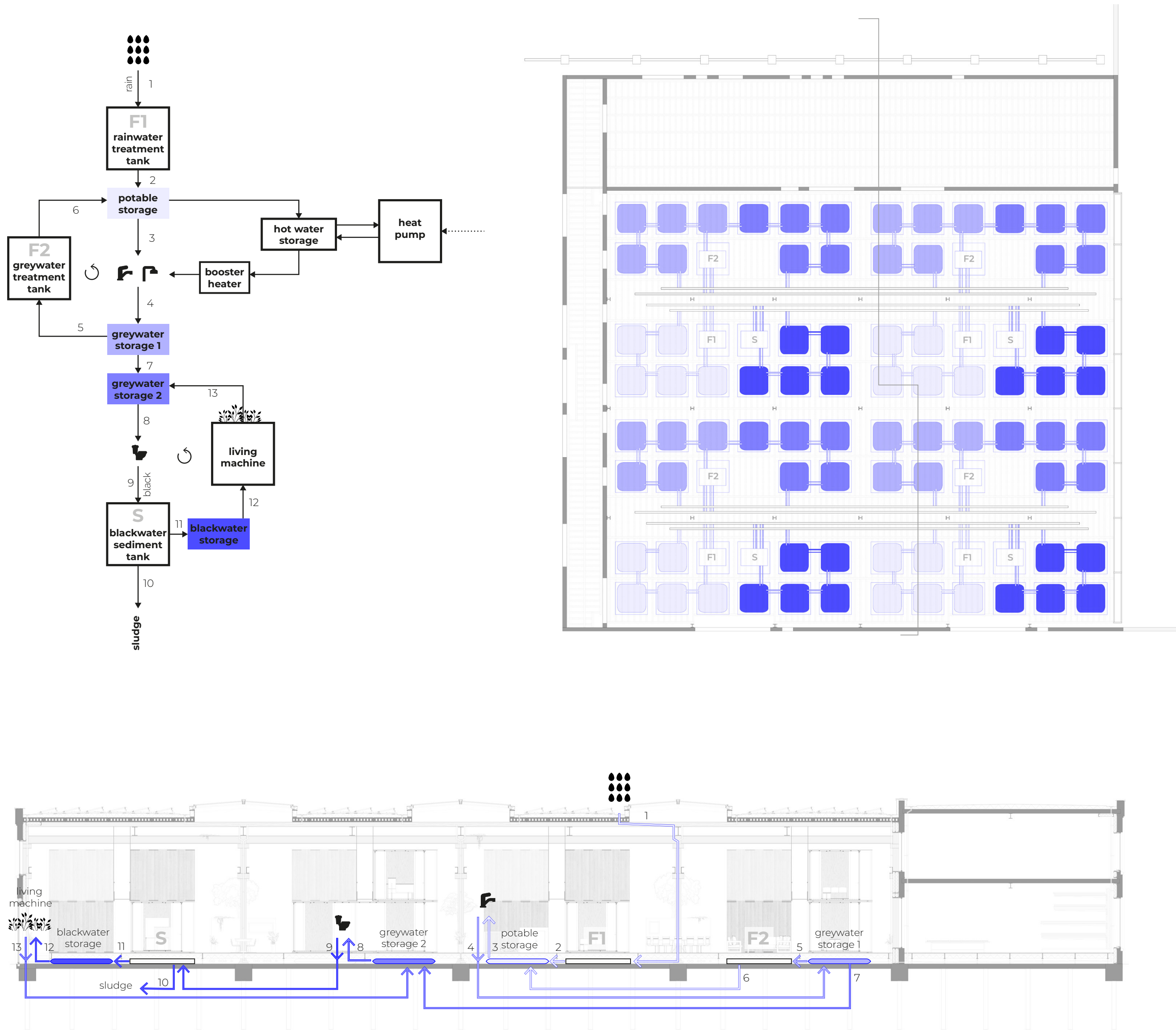


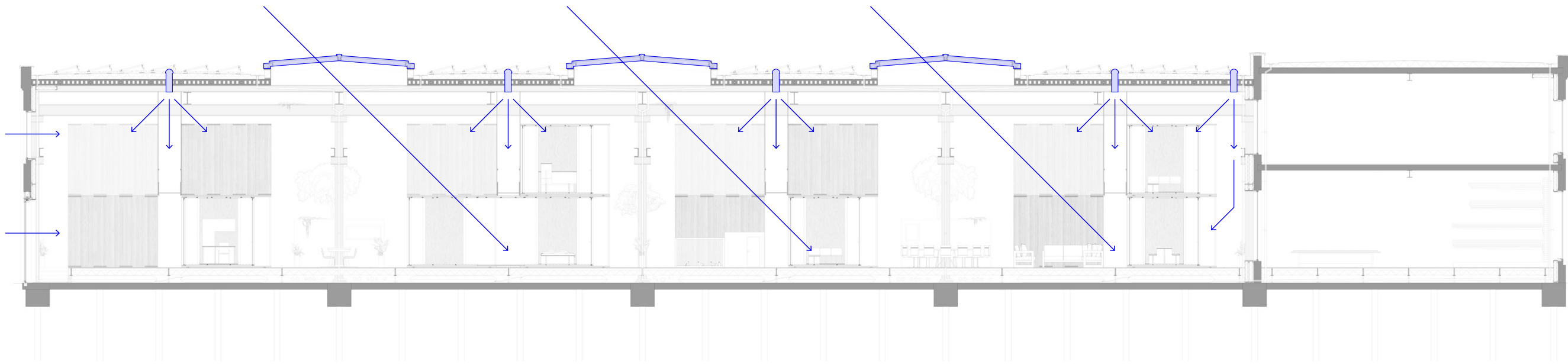
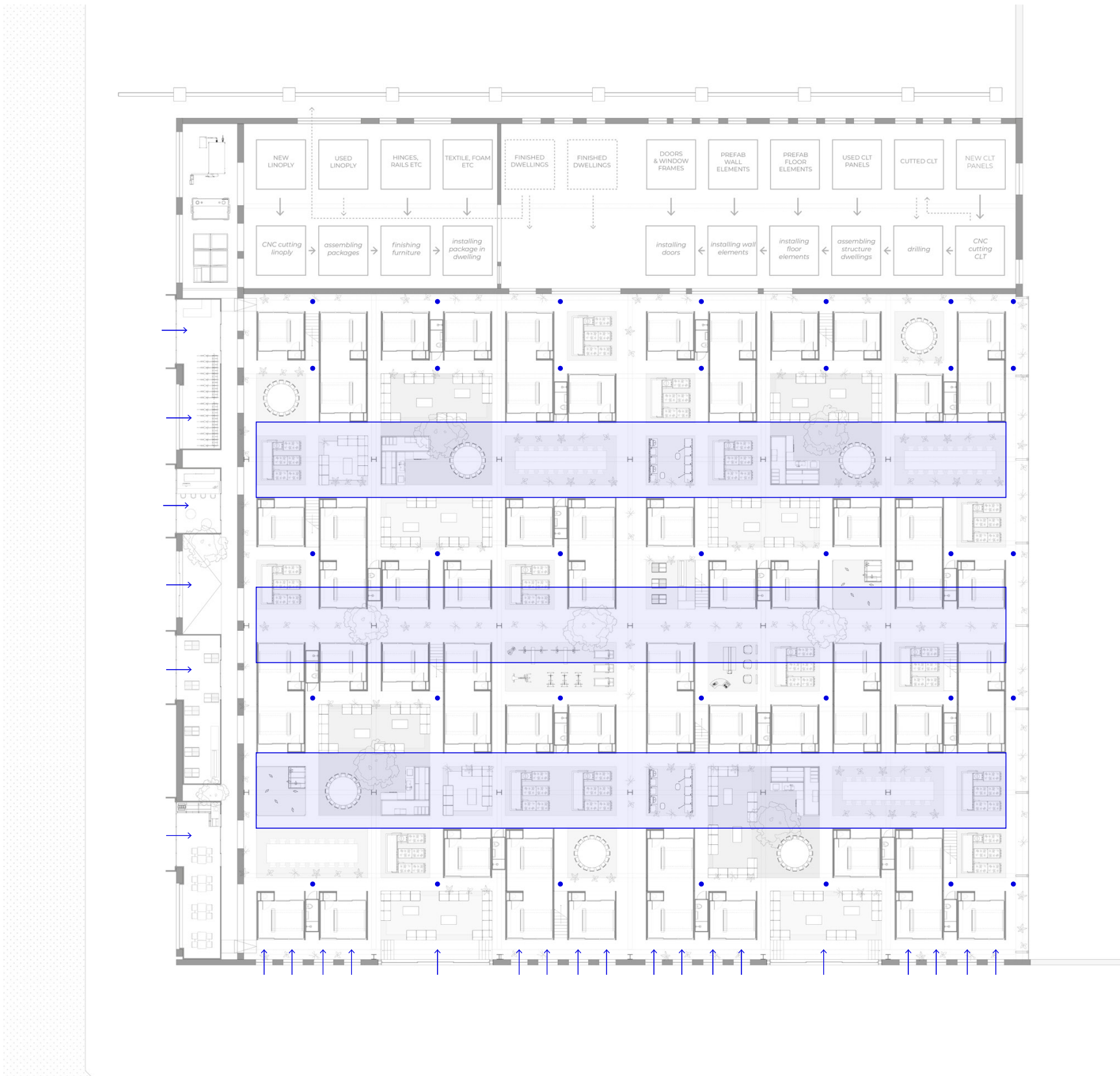
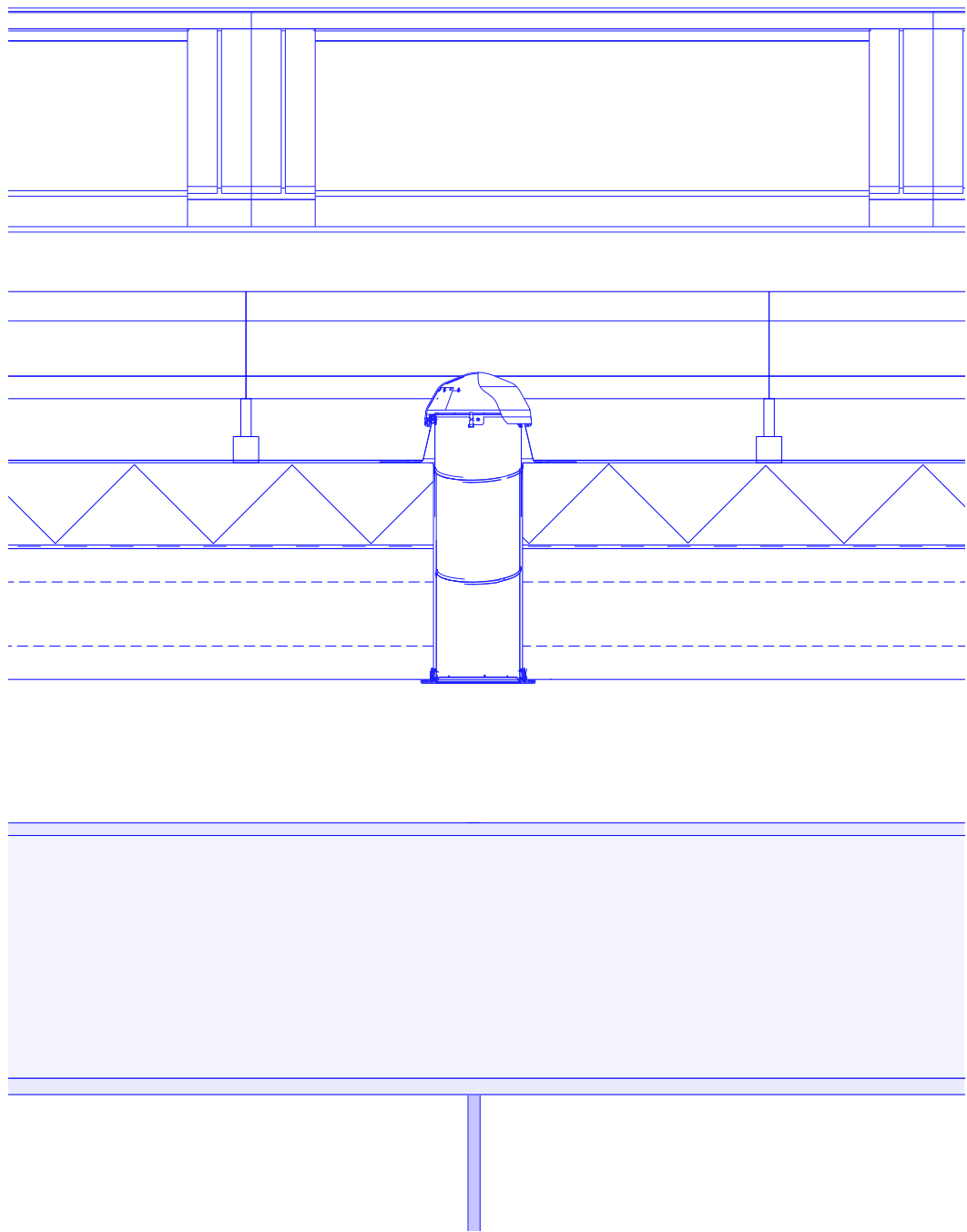
CLIMATE DESIGN | SELF-SUFFICIENCY | CLOSED LOOP



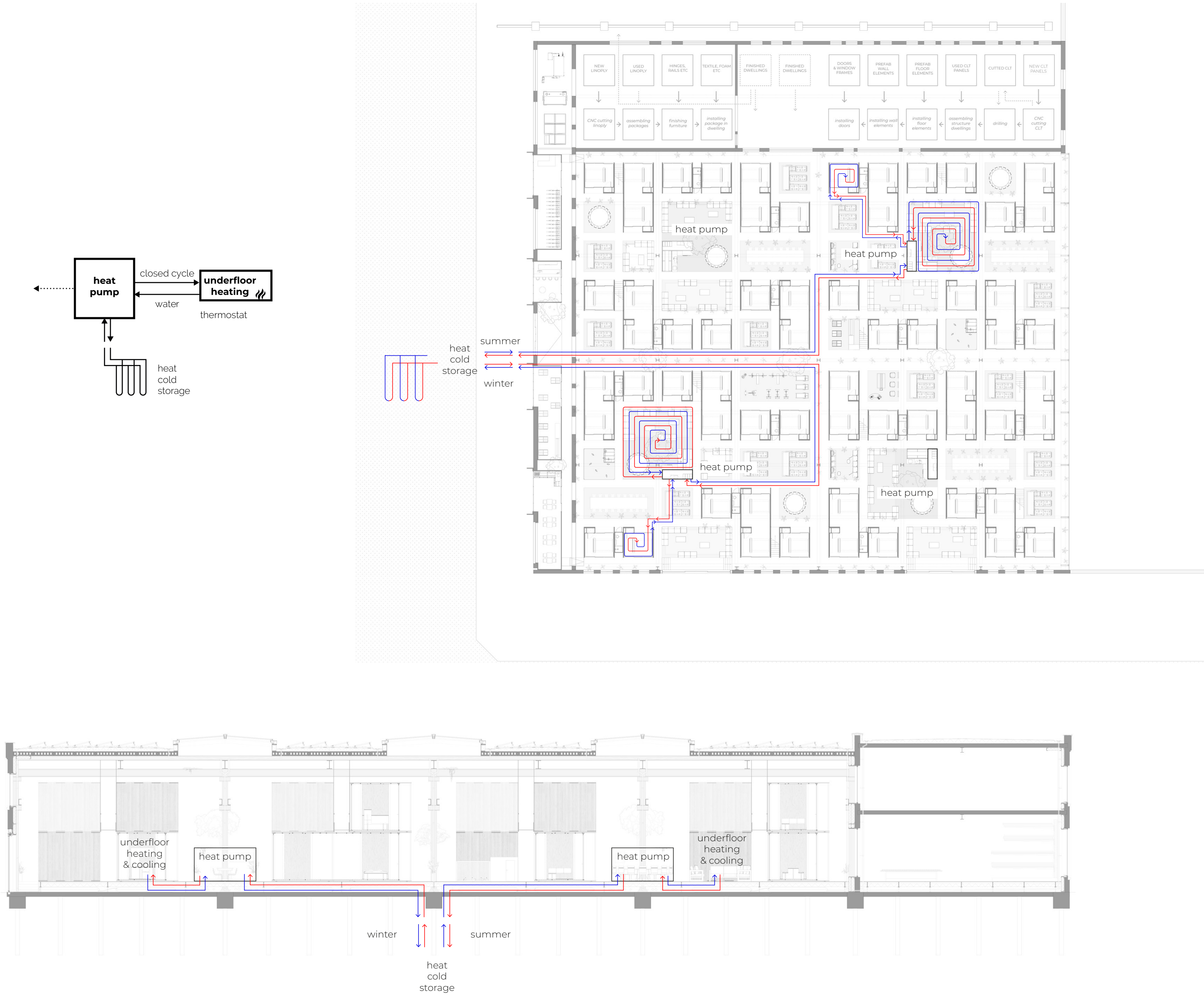
CLIMATE DESIGN | RAISED FLOOR | SCALE 1.200 & 1.500



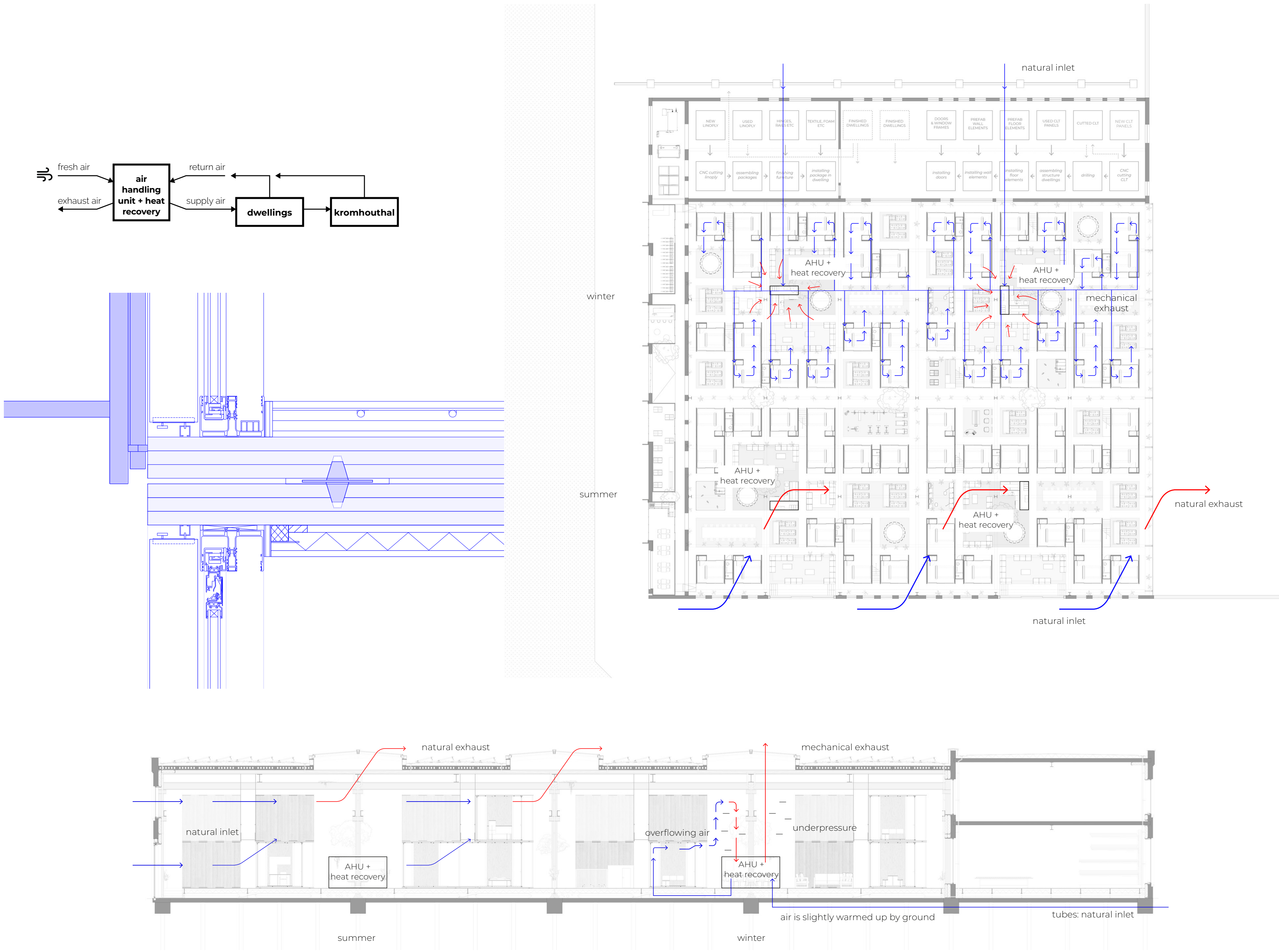


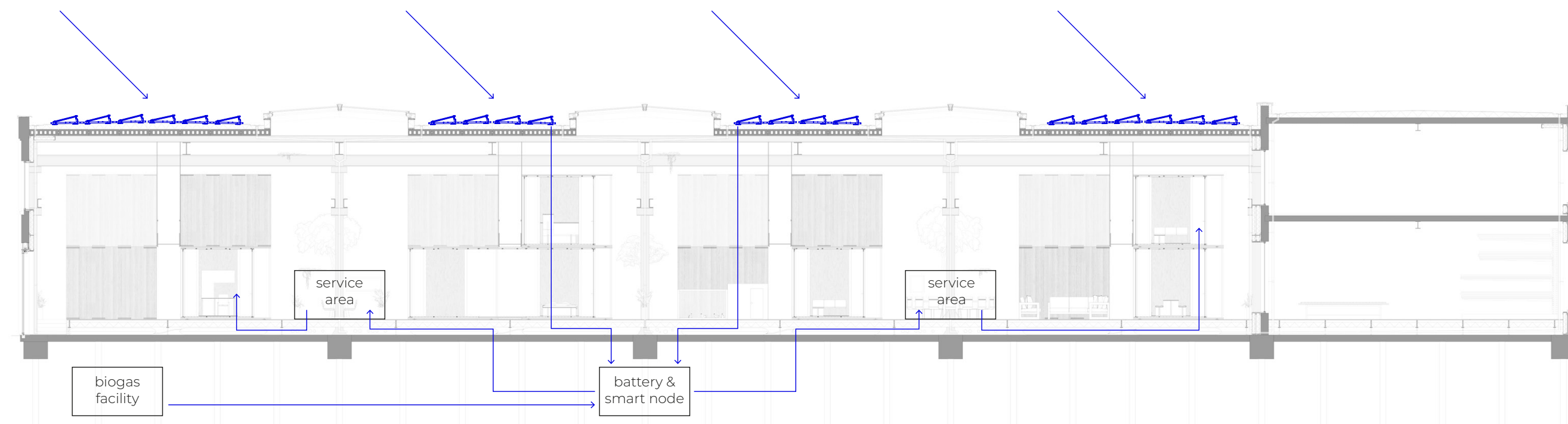
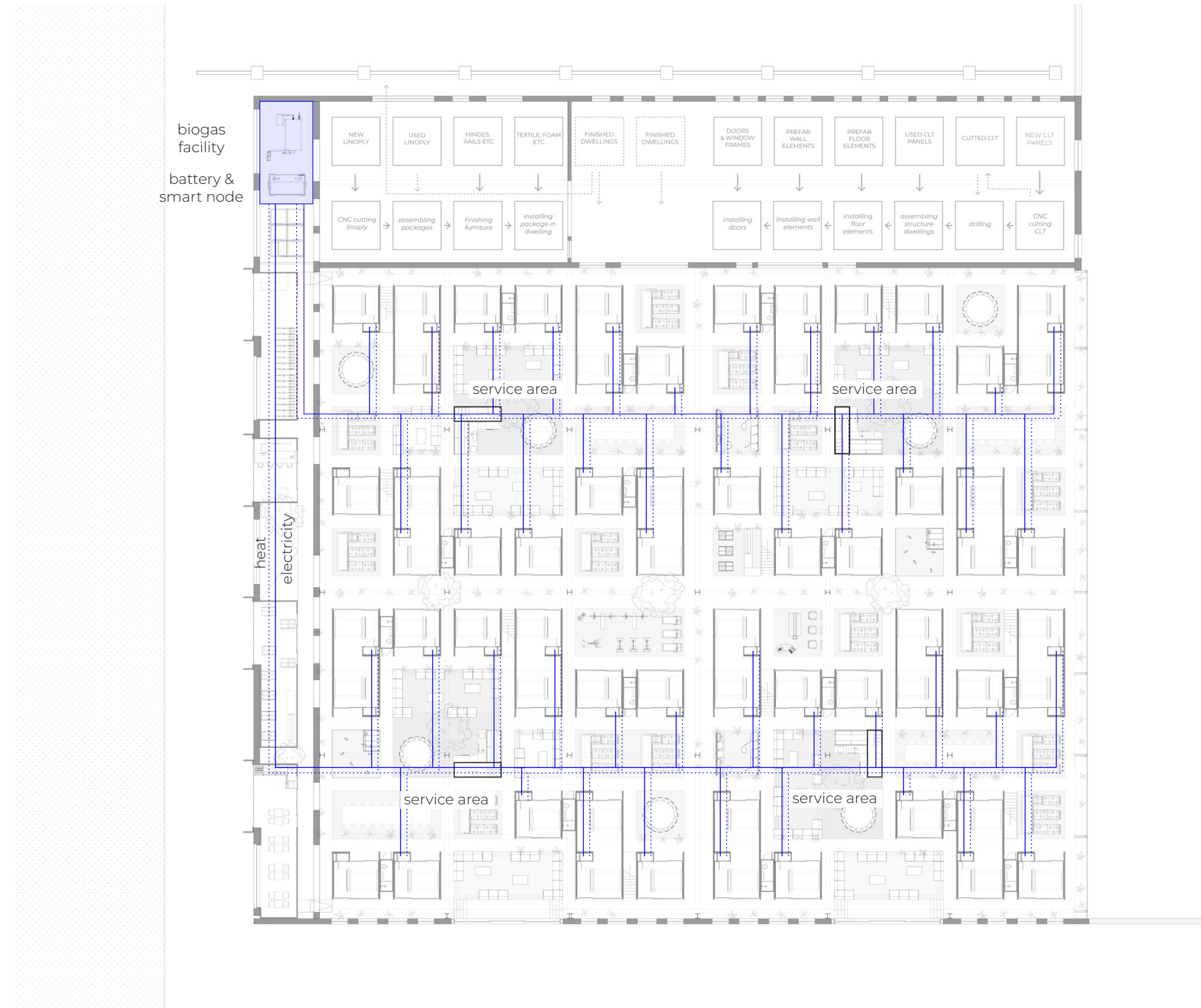
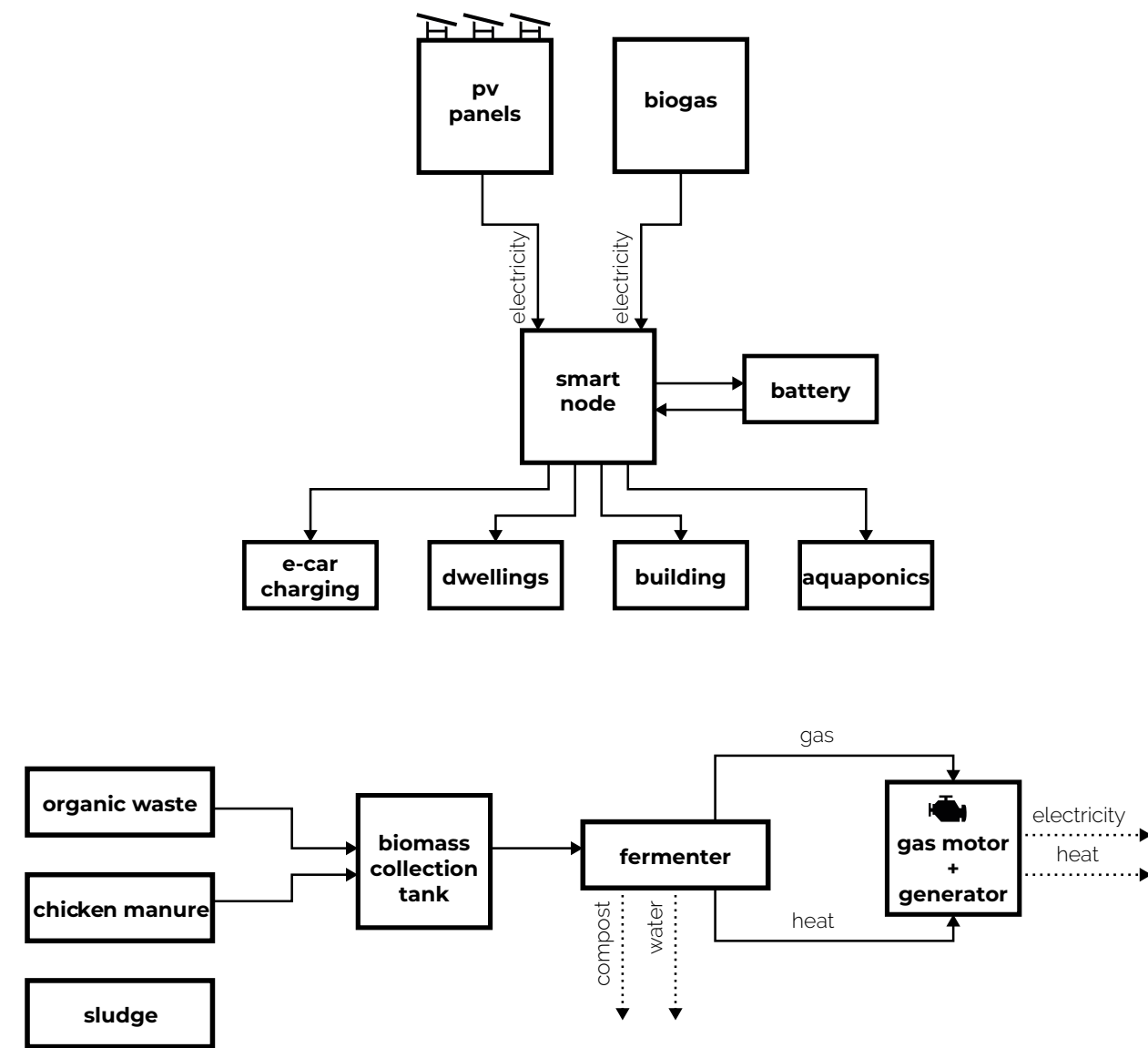


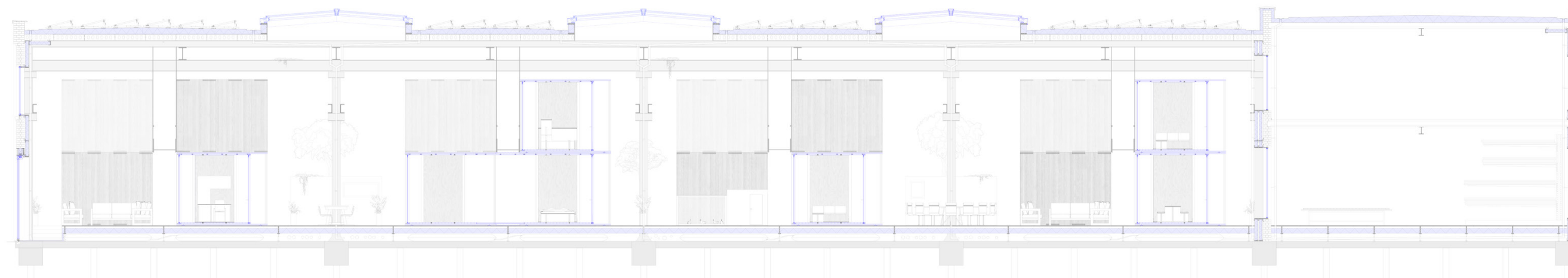
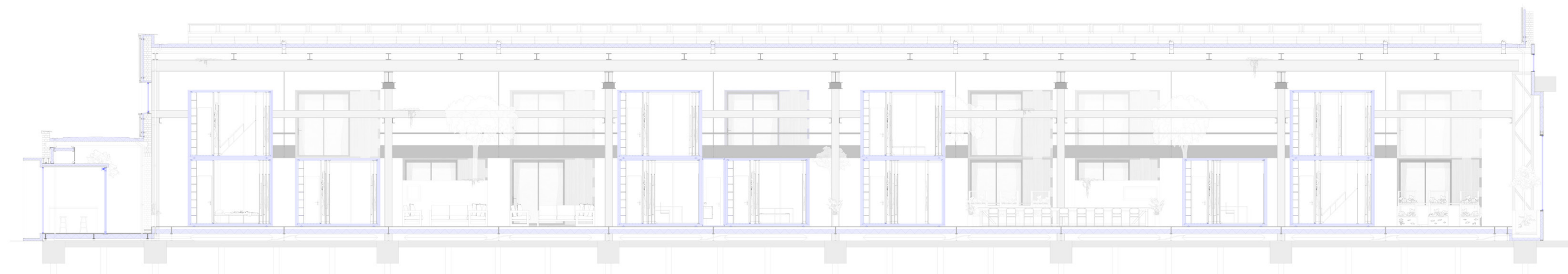
CLIMATE DESIGN | UNDERFLOOR HEATING & COOLING | SCALE 1.200 & 1.500



CLIMATE DESIGN | VENTILATION | SCALE 1.200 & 1.500







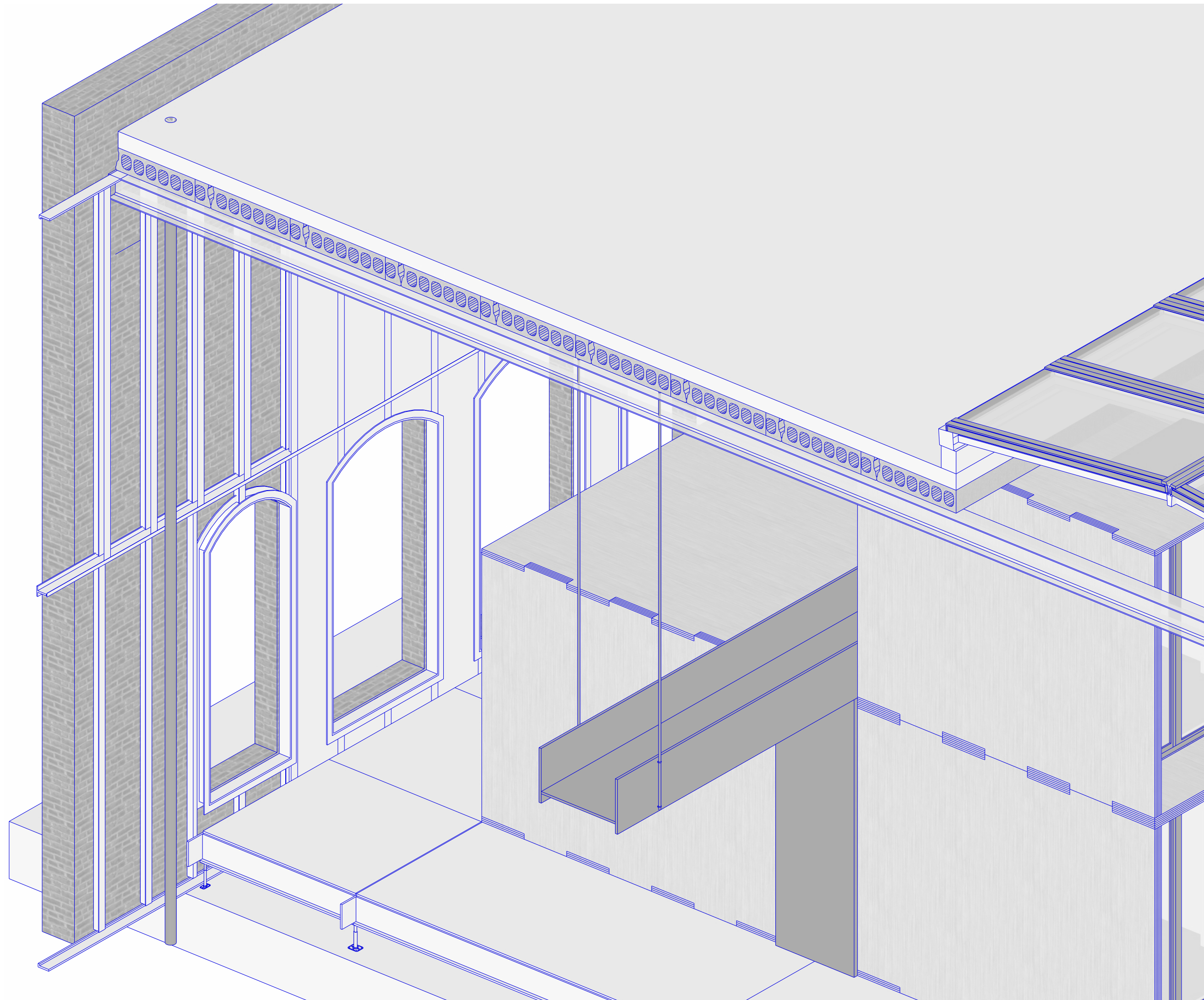
FLOOR PLAN | SECTIONS & FRAGMENTS | SCALE 1.500



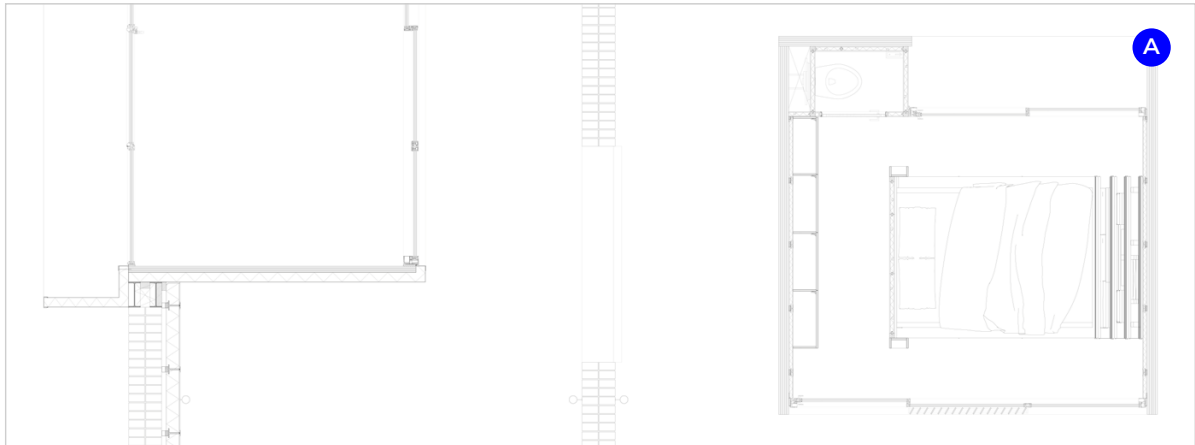
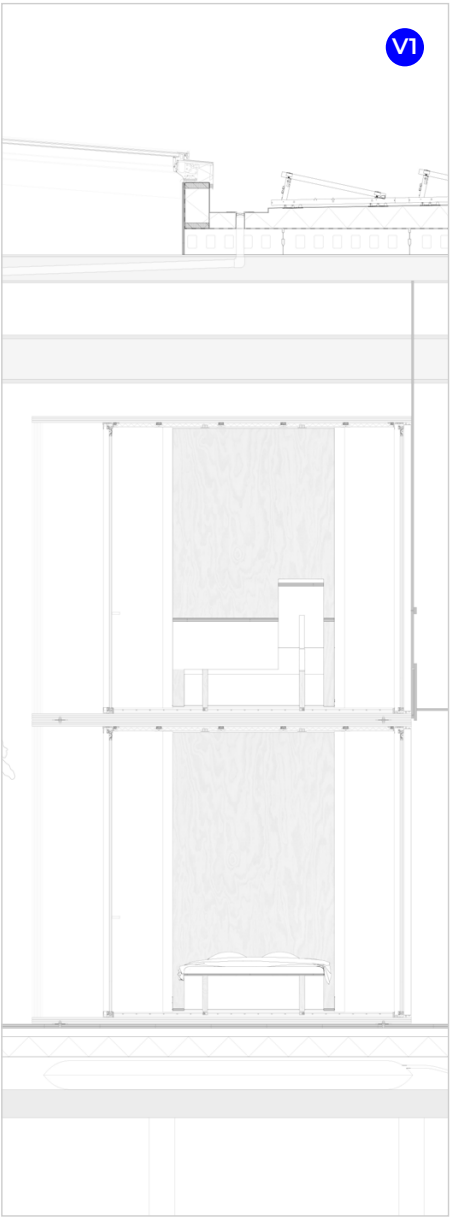
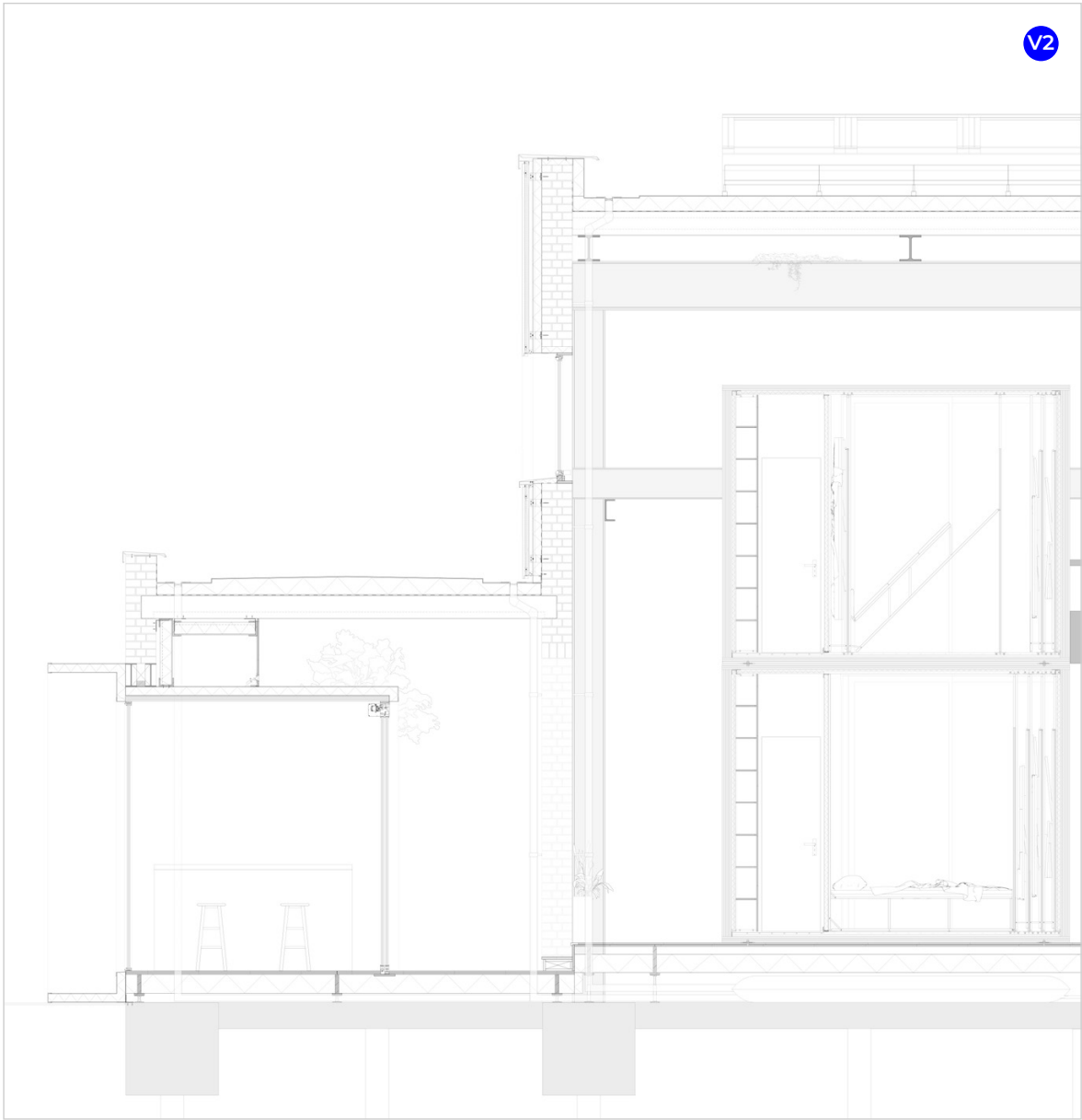
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55.00

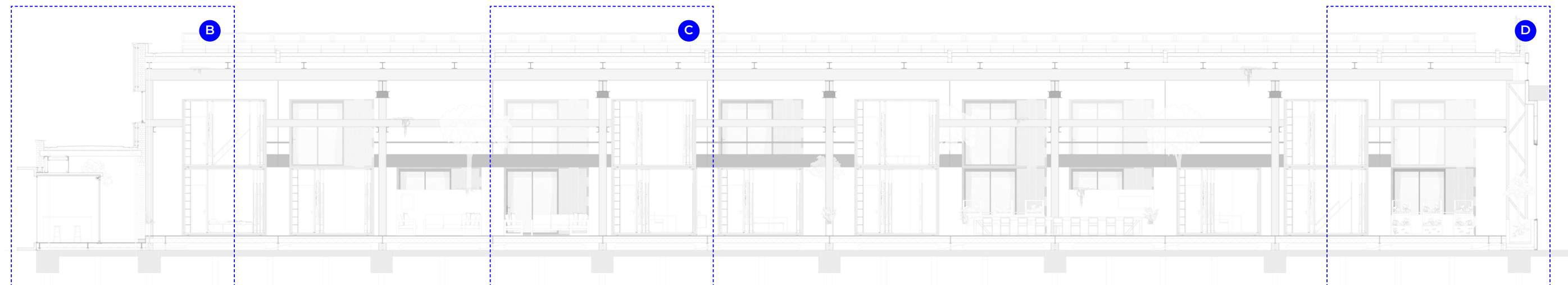
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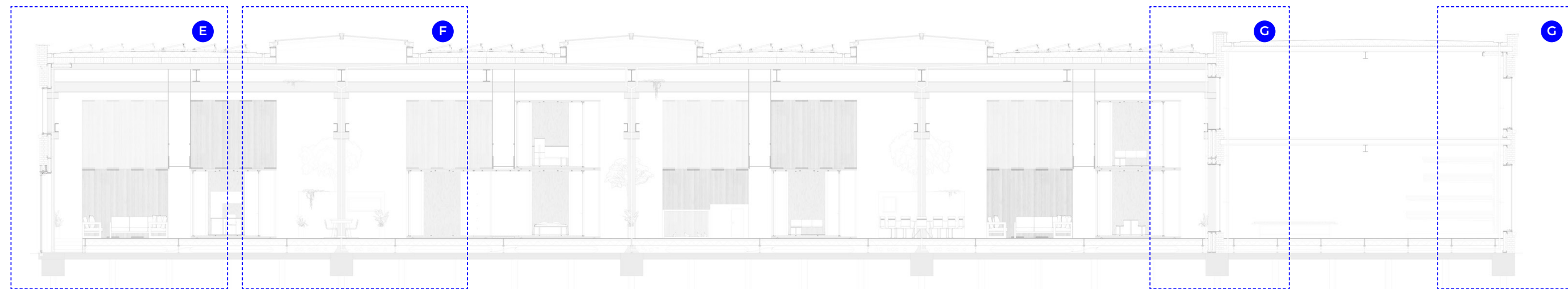
FRAGMENT | SECTION A, V1 & V2 | SCALE 1.100



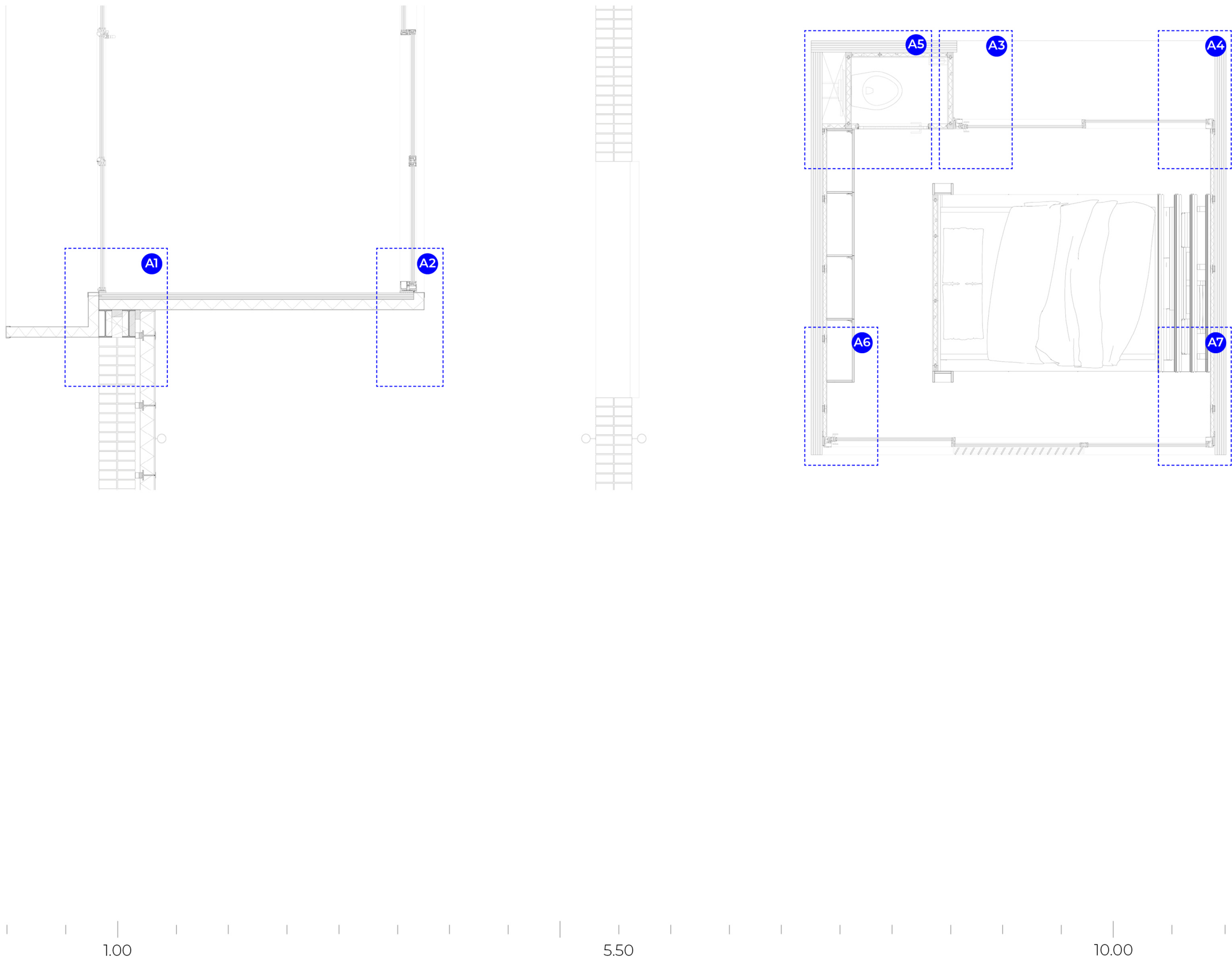
SECTION 1



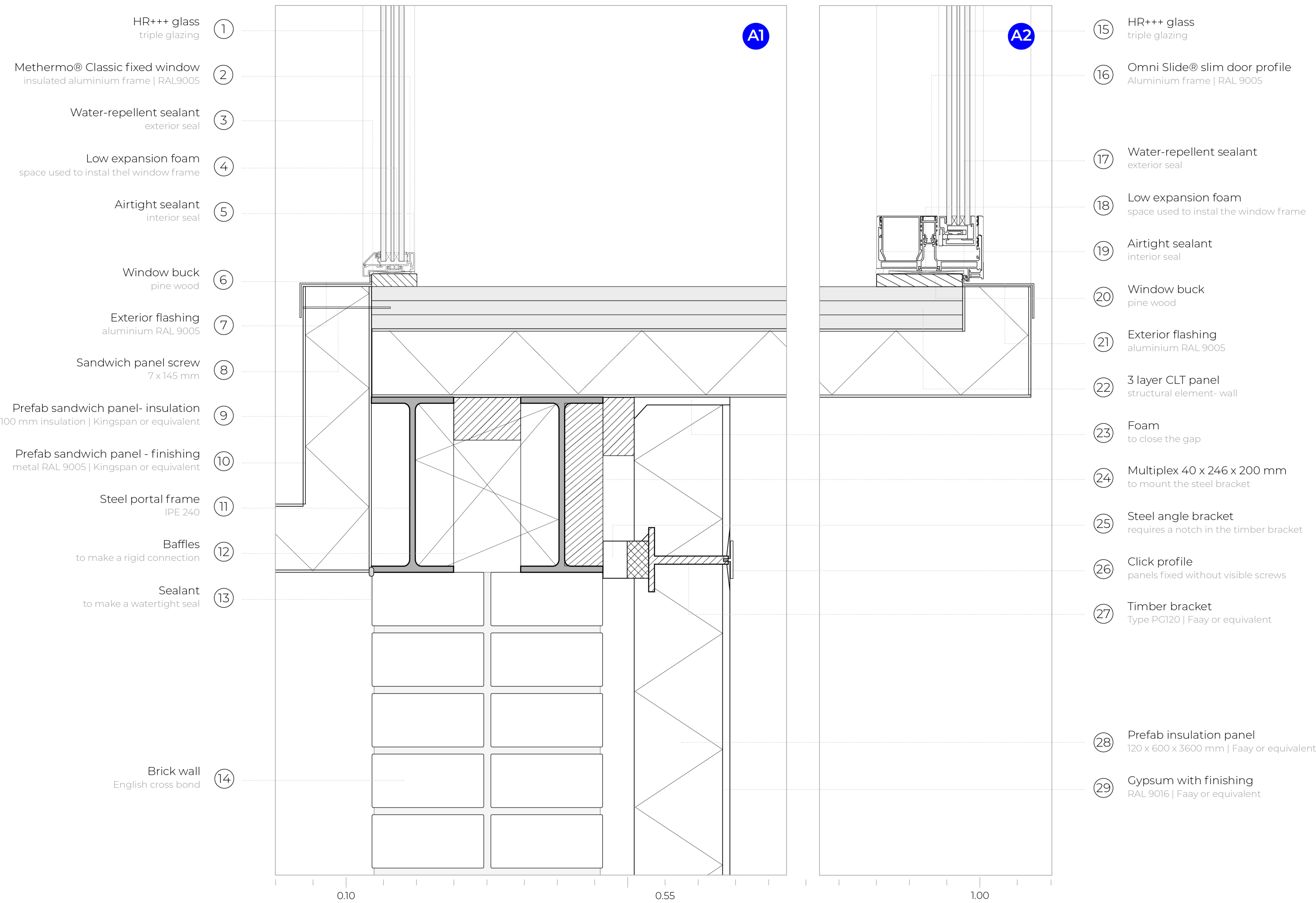
SECTION 2



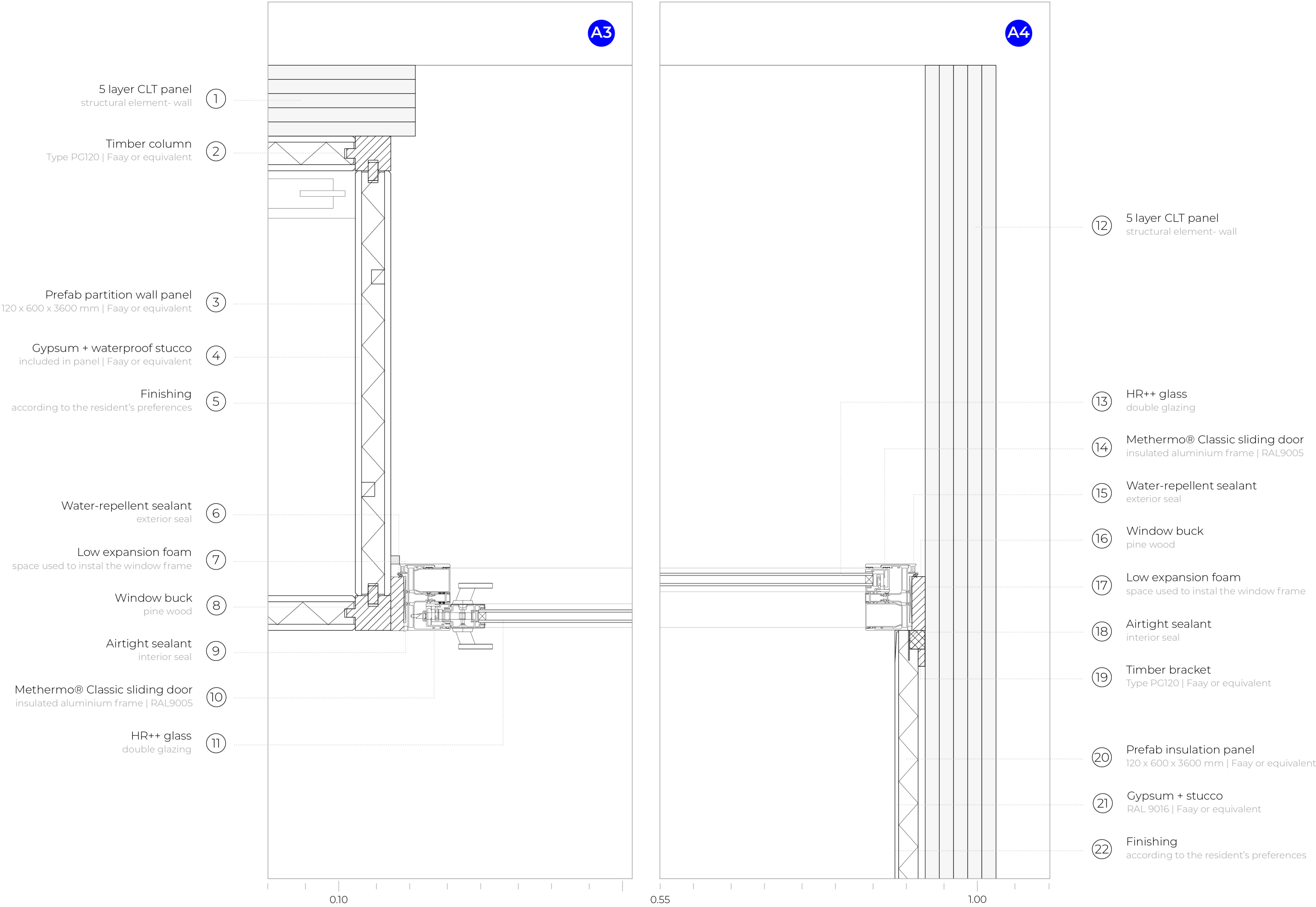
FRAGMENT | HORIZONTAL SECTION A | SCALE 1.50



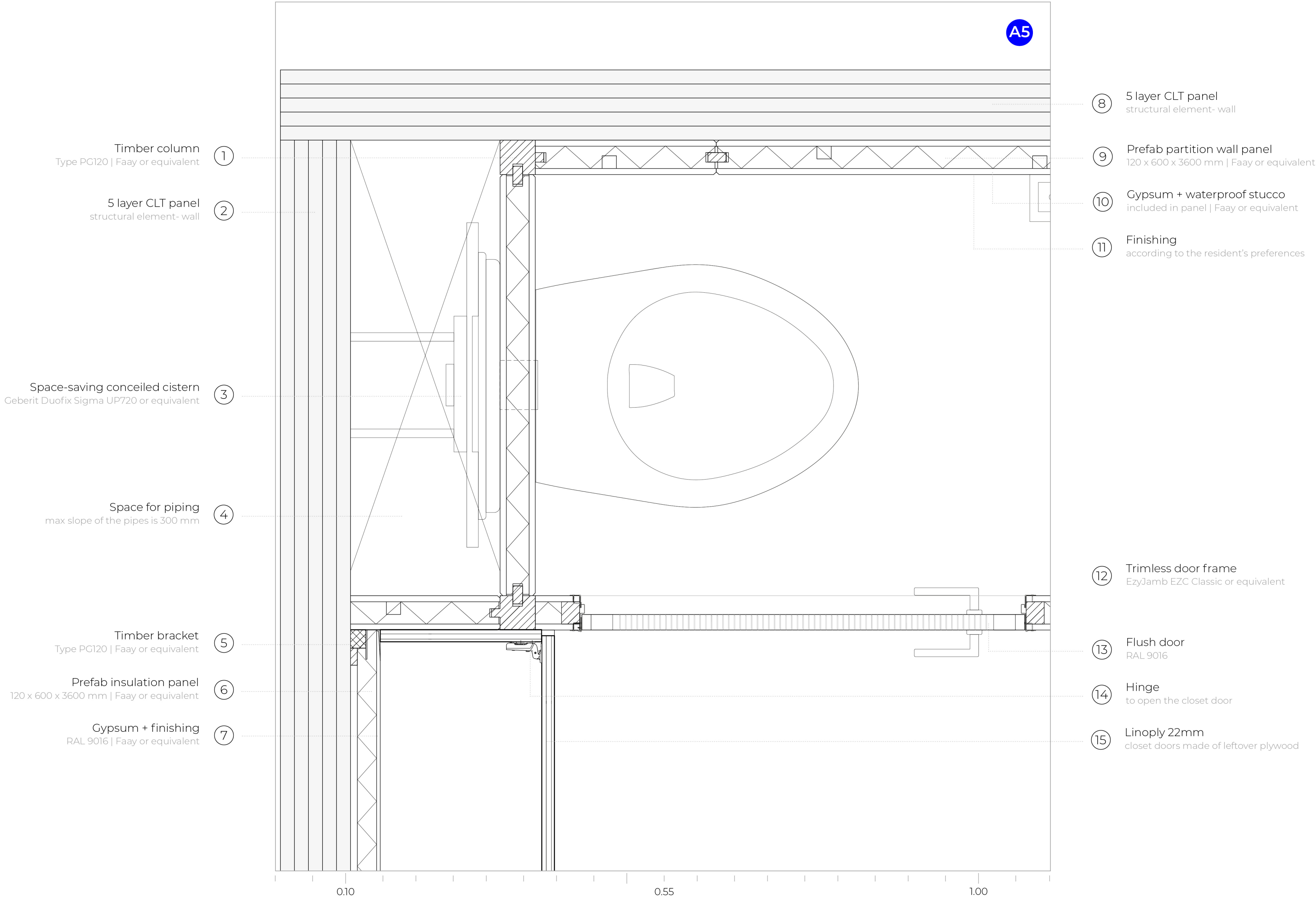
DETAIL DRAWINGS | HORIZONTAL SECTION A | SCALE 1.5



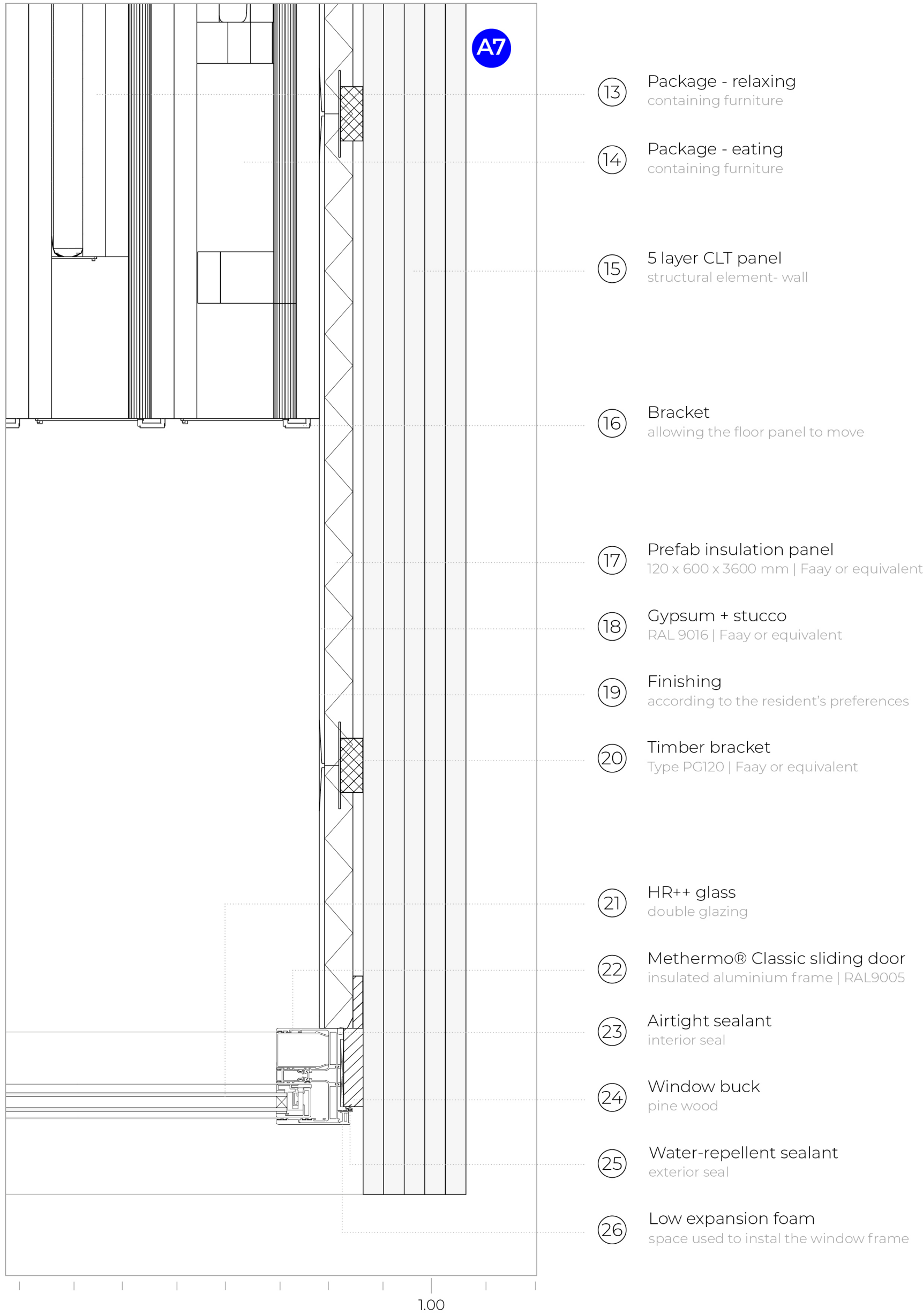
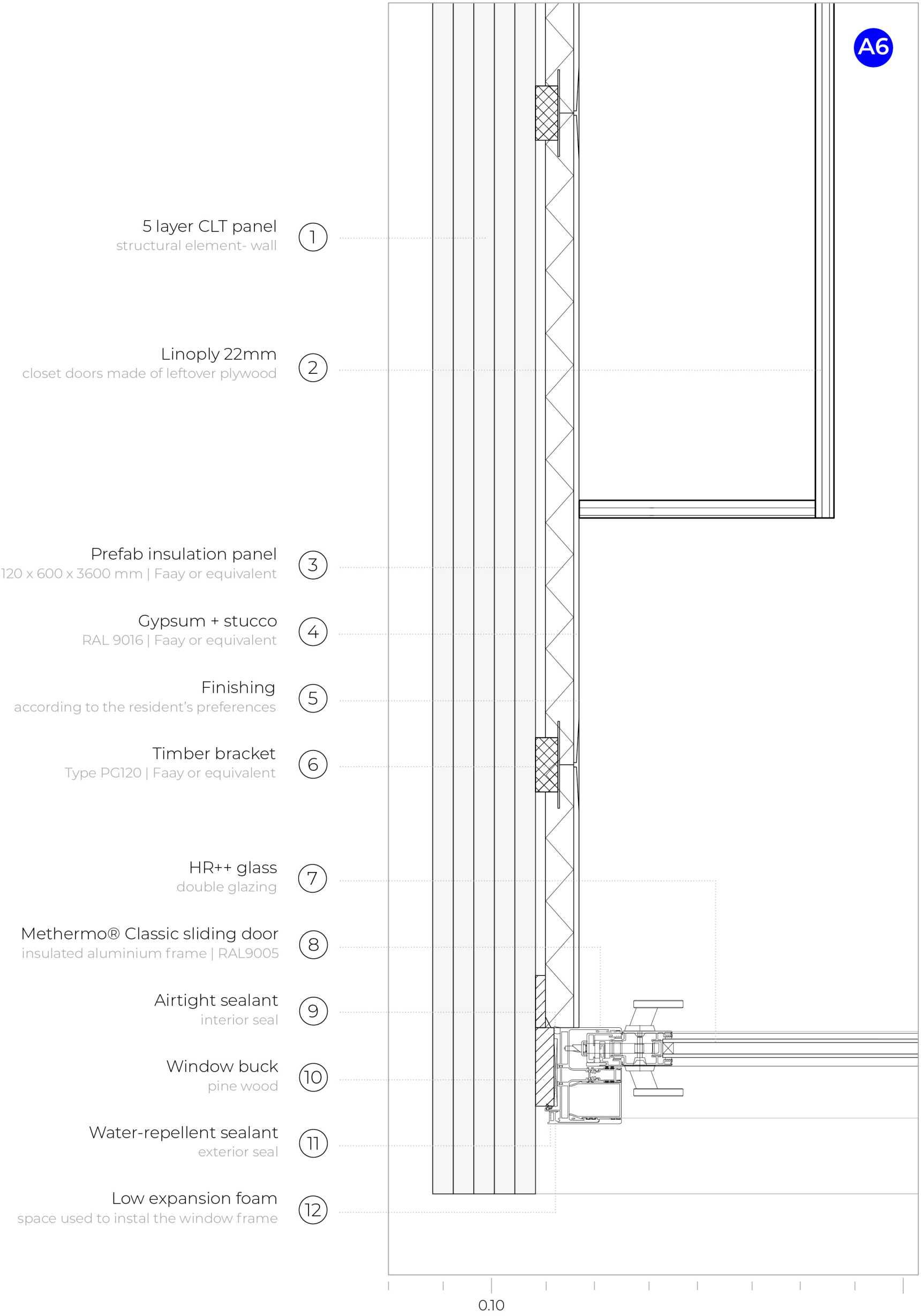
DETAIL DRAWINGS | HORIZONTAL SECTION A | SCALE 1.5



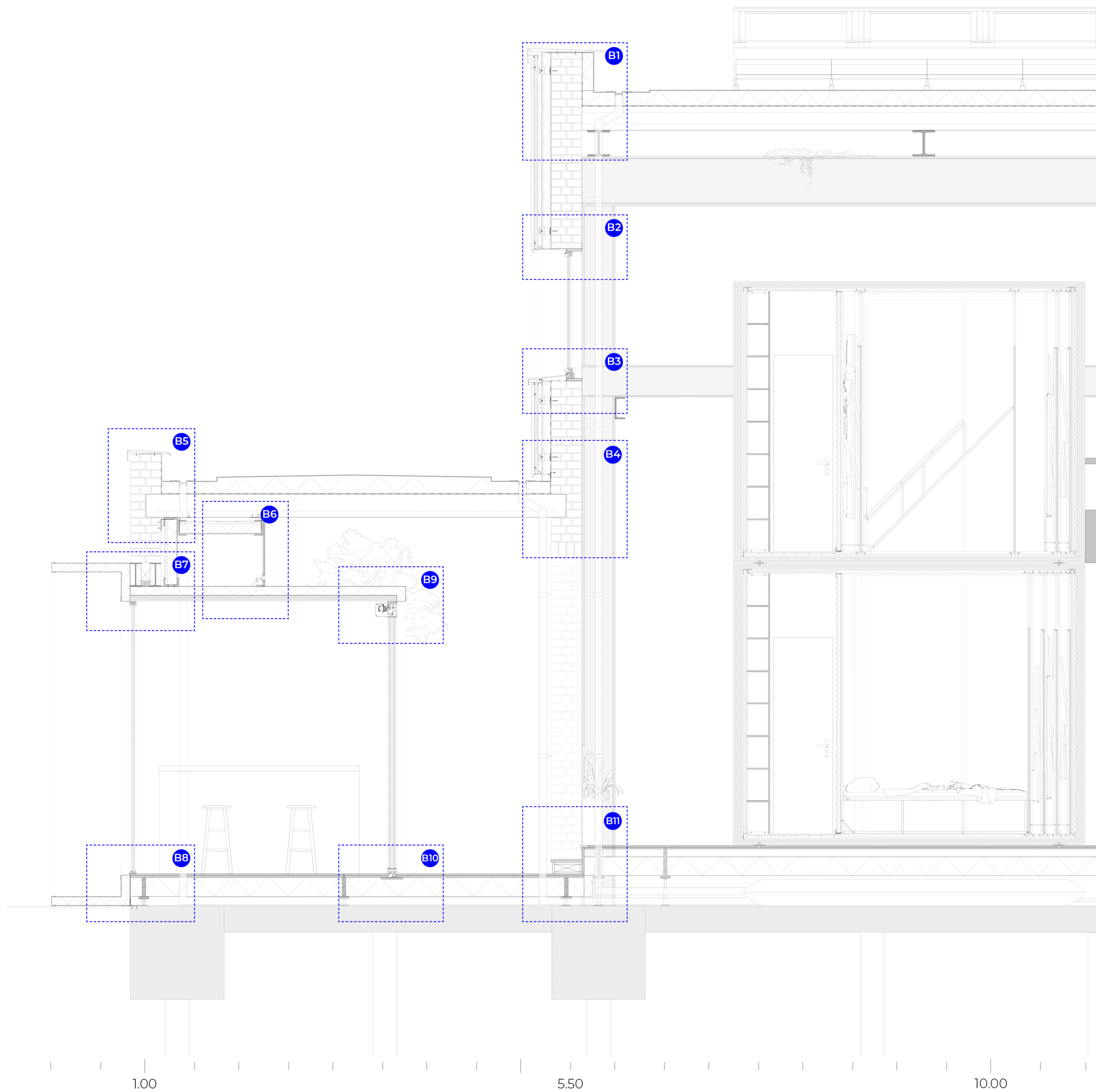
DETAIL DRAWINGS | HORIZONTAL SECTION A | SCALE 1.5



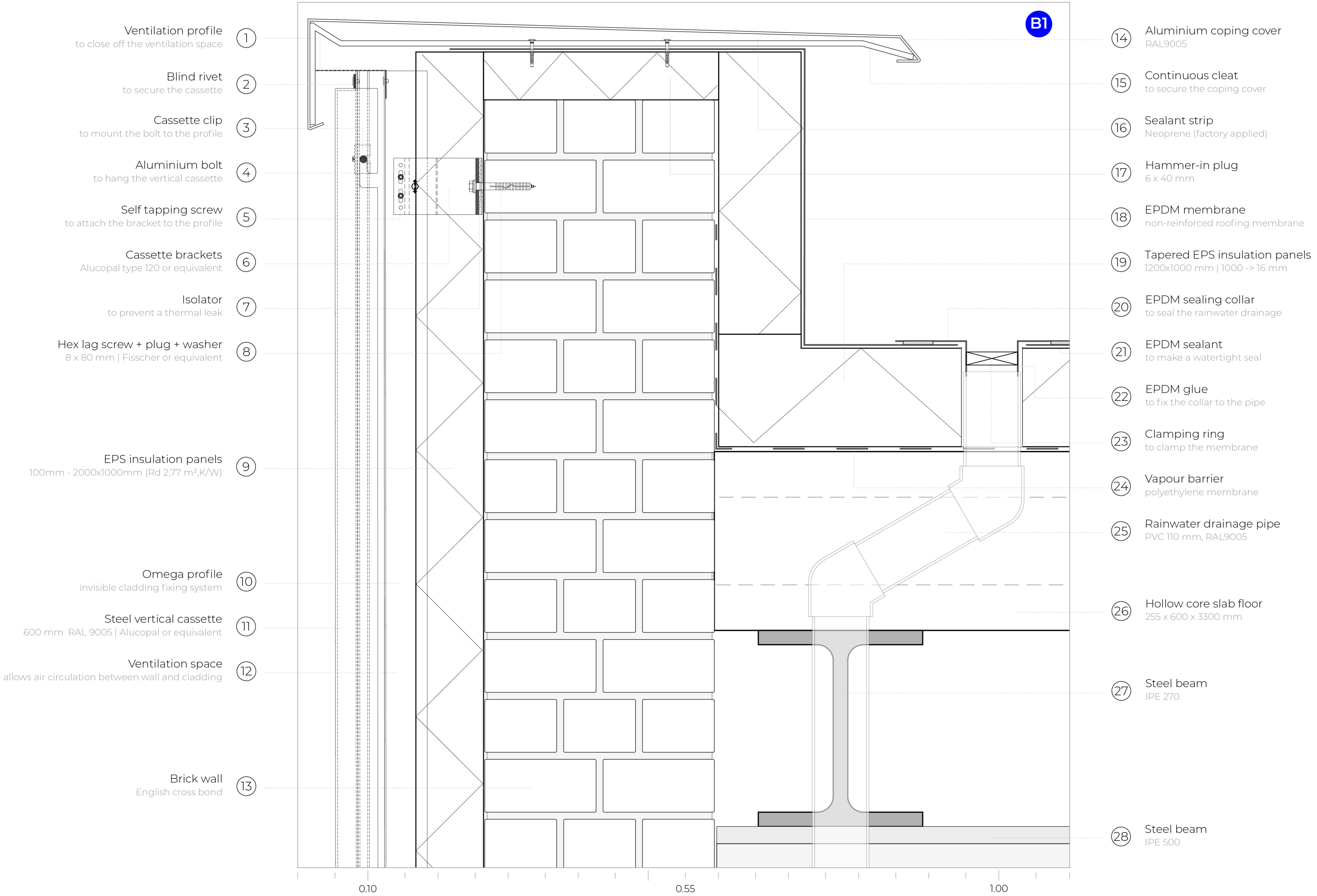
DETAIL DRAWINGS | HORIZONTAL SECTION A | SCALE 1.5



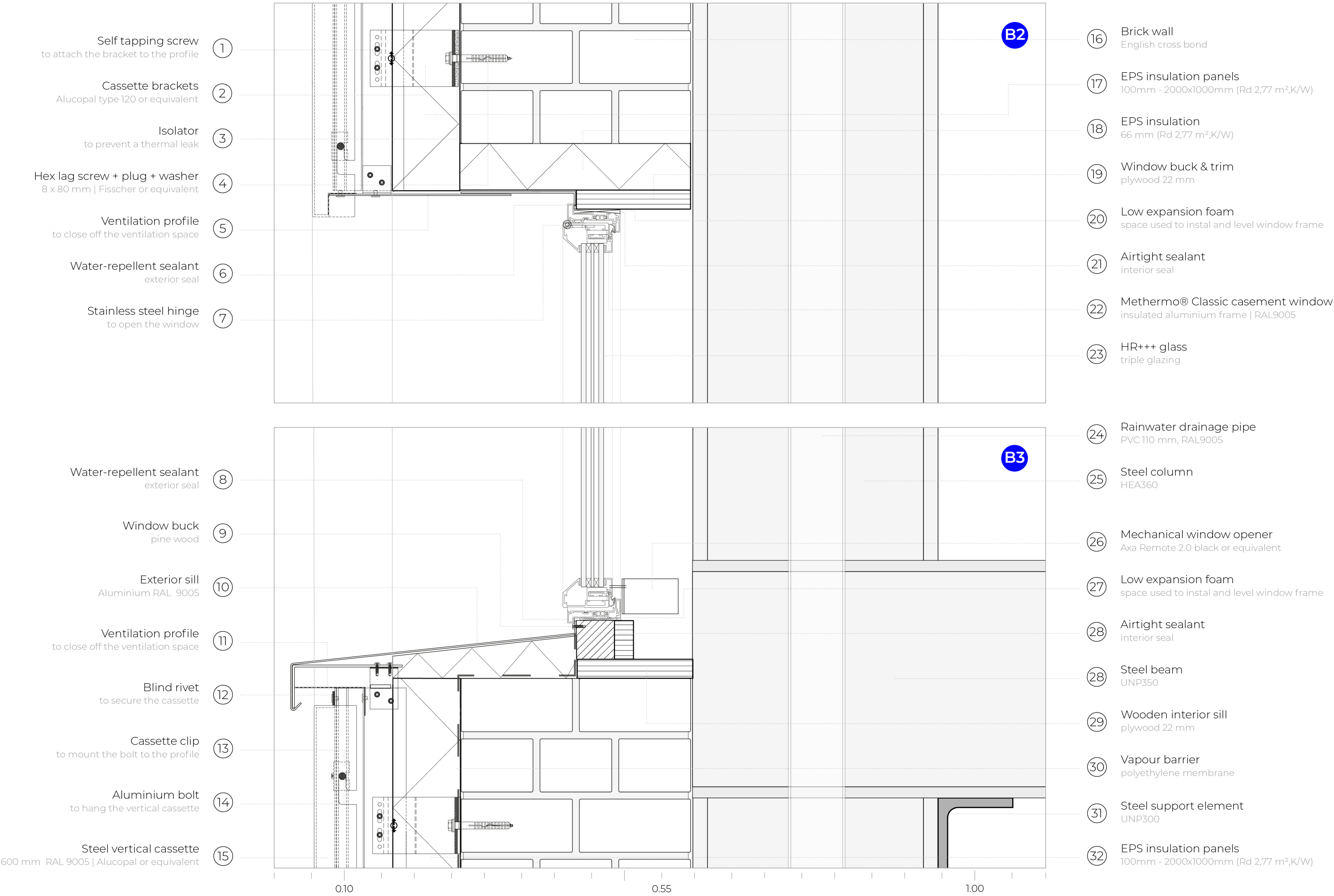
FRAGMENT | VERTICAL SECTION B | SCALE 1.50



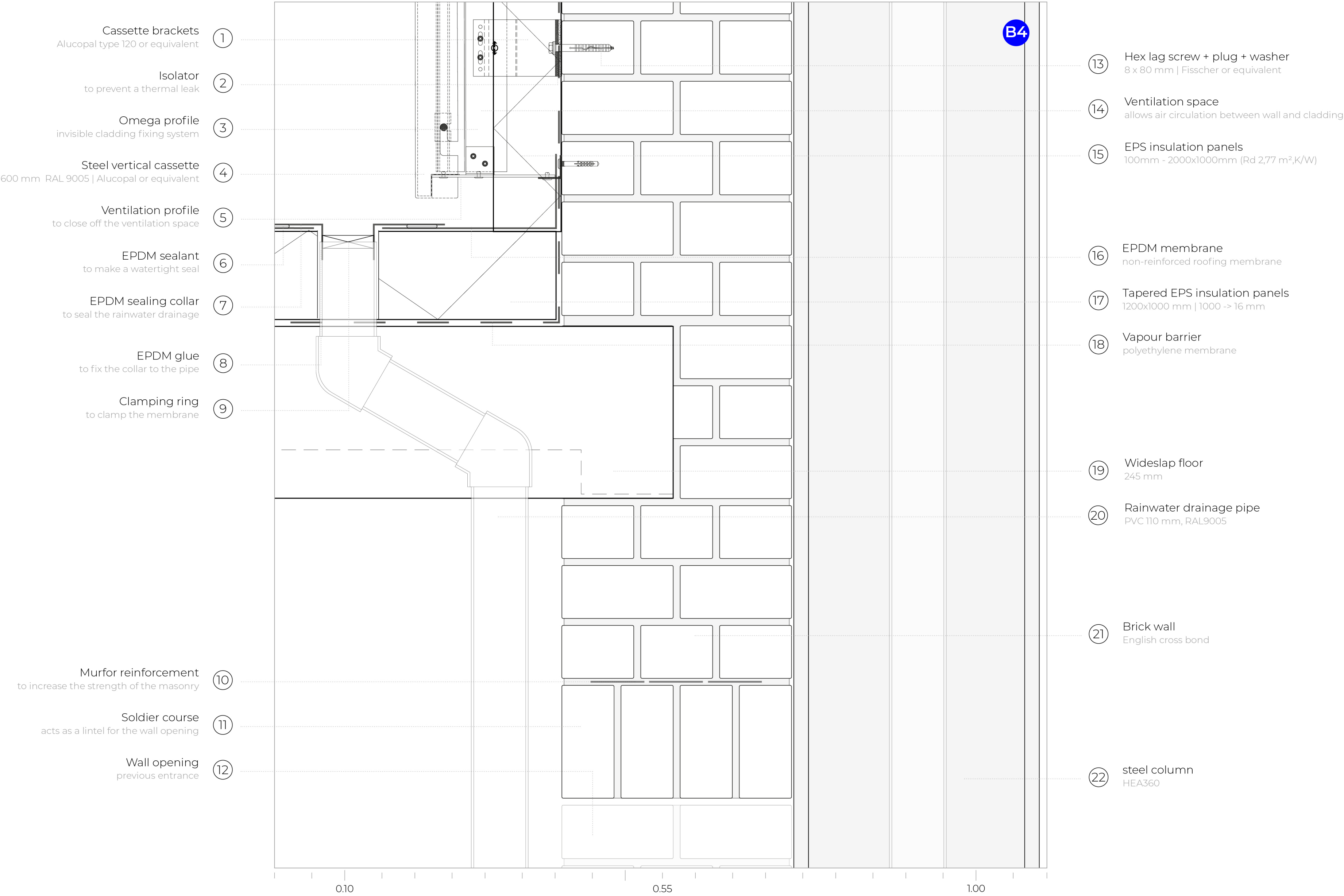
DETAIL DRAWINGS | VERTICAL SECTION B | SCALE 1.5



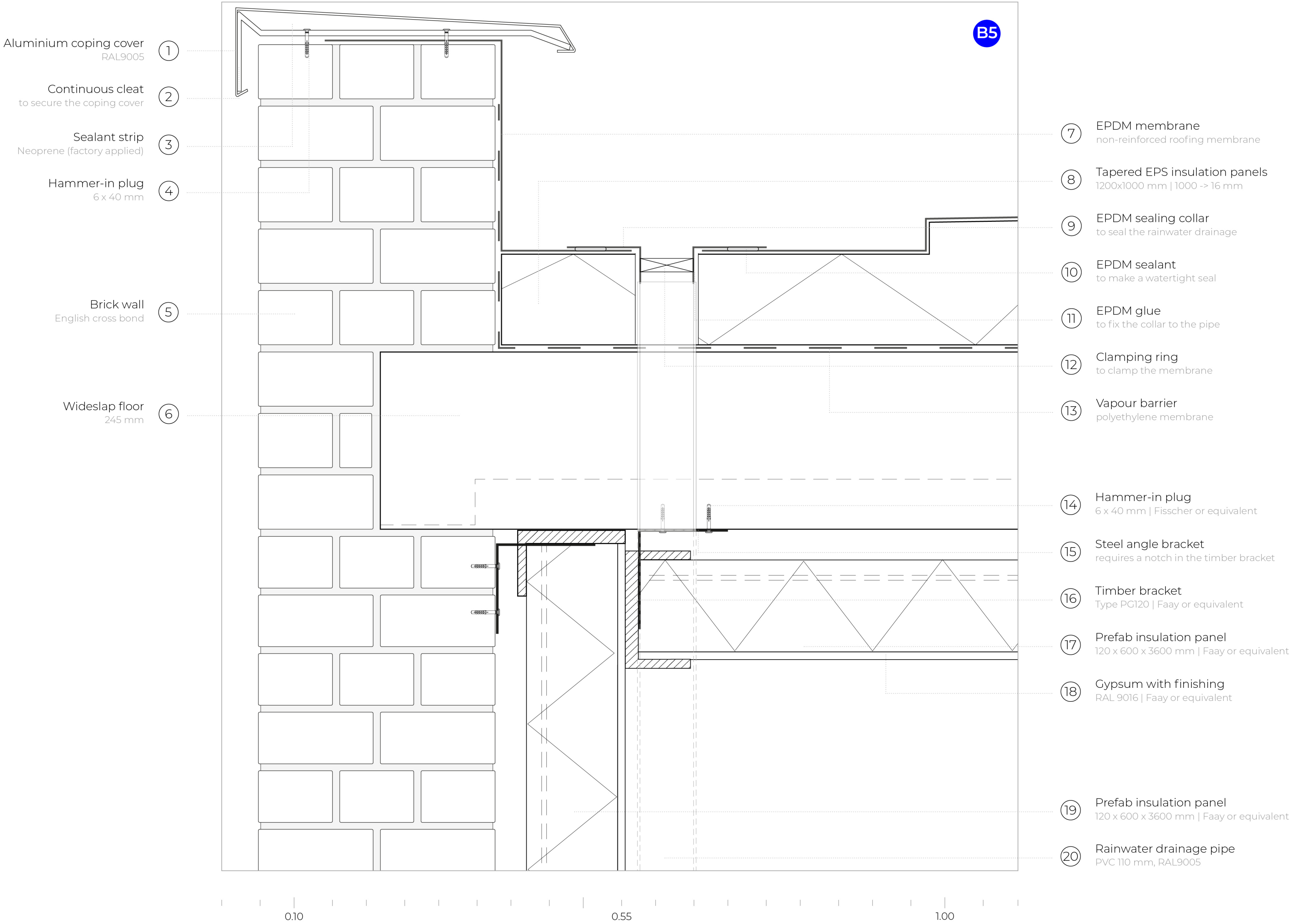
DETAIL DRAWINGS | VERTICAL SECTION B | SCALE 1.5



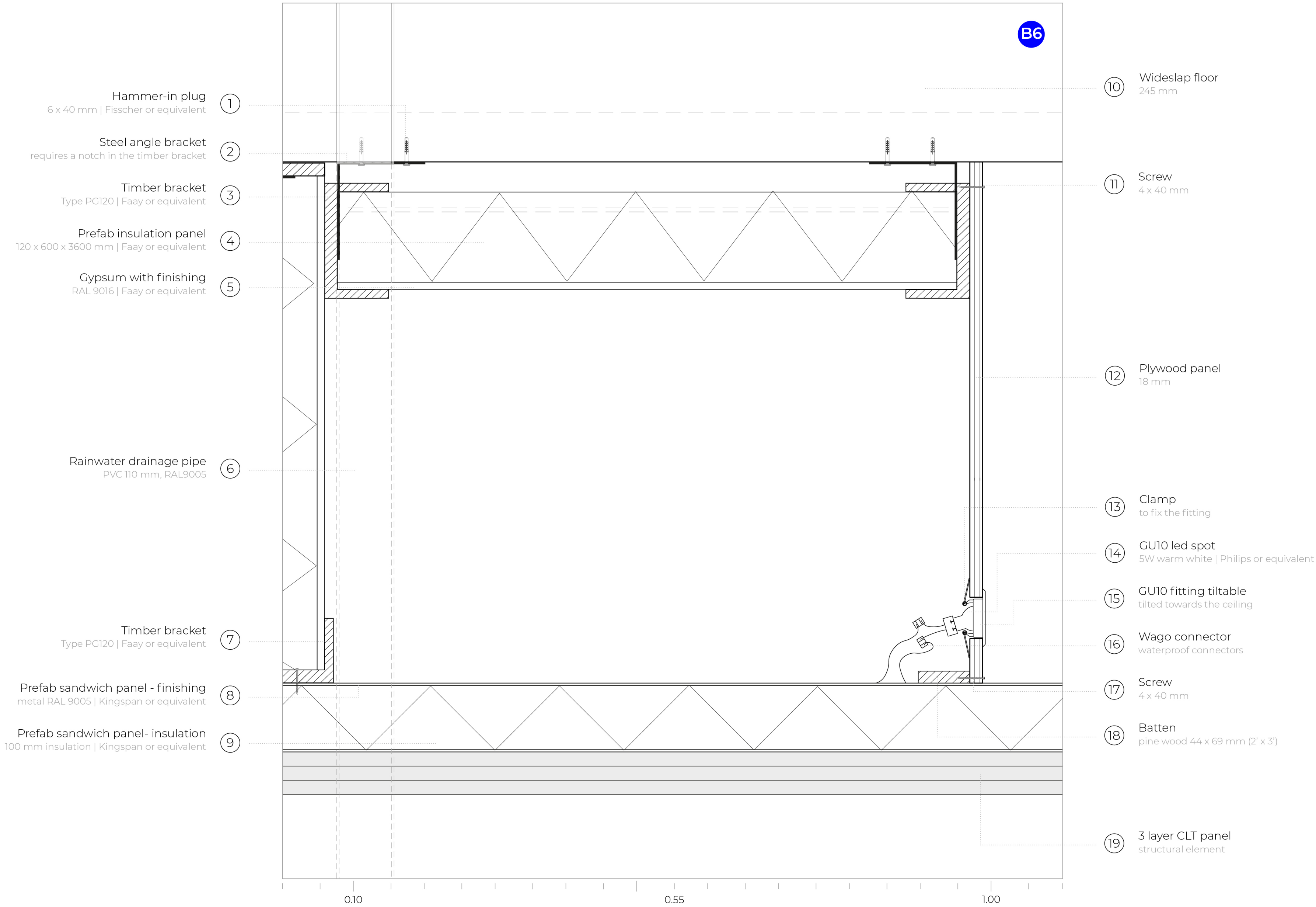
DETAIL DRAWINGS | VERTICAL SECTION B | SCALE 1.5



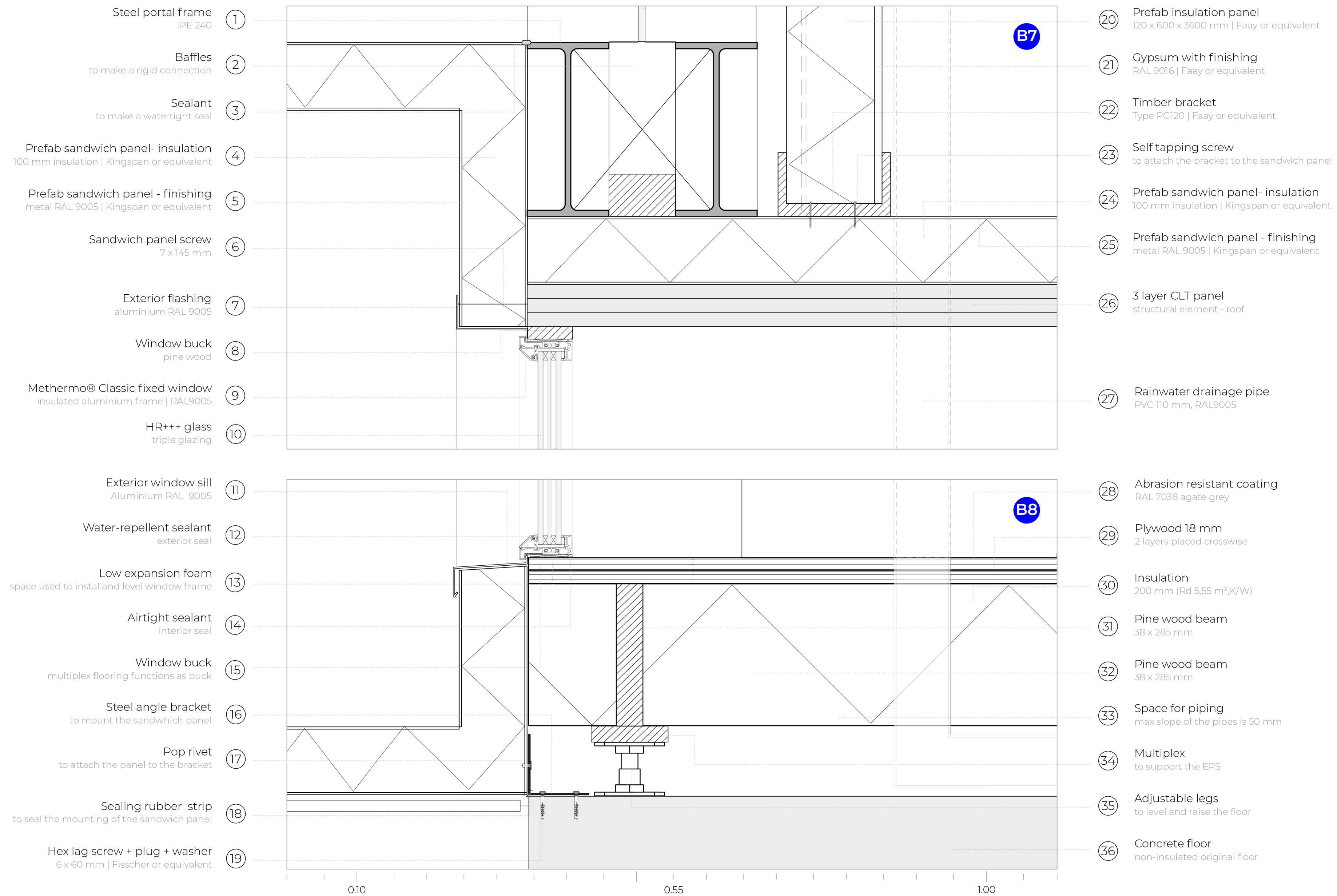
DETAIL DRAWINGS | VERTICAL SECTION B | SCALE 1.5



DETAIL DRAWINGS | VERTICAL SECTION B | SCALE 1.5



DETAIL DRAWINGS | VERTICAL SECTION B | SCALE 1.5



DETAIL DRAWINGS | VERTICAL SECTION B | SCALE 1:5

Prefab sandwich panel - finishing
metal RAL 9005 | Kingspan or equivalent

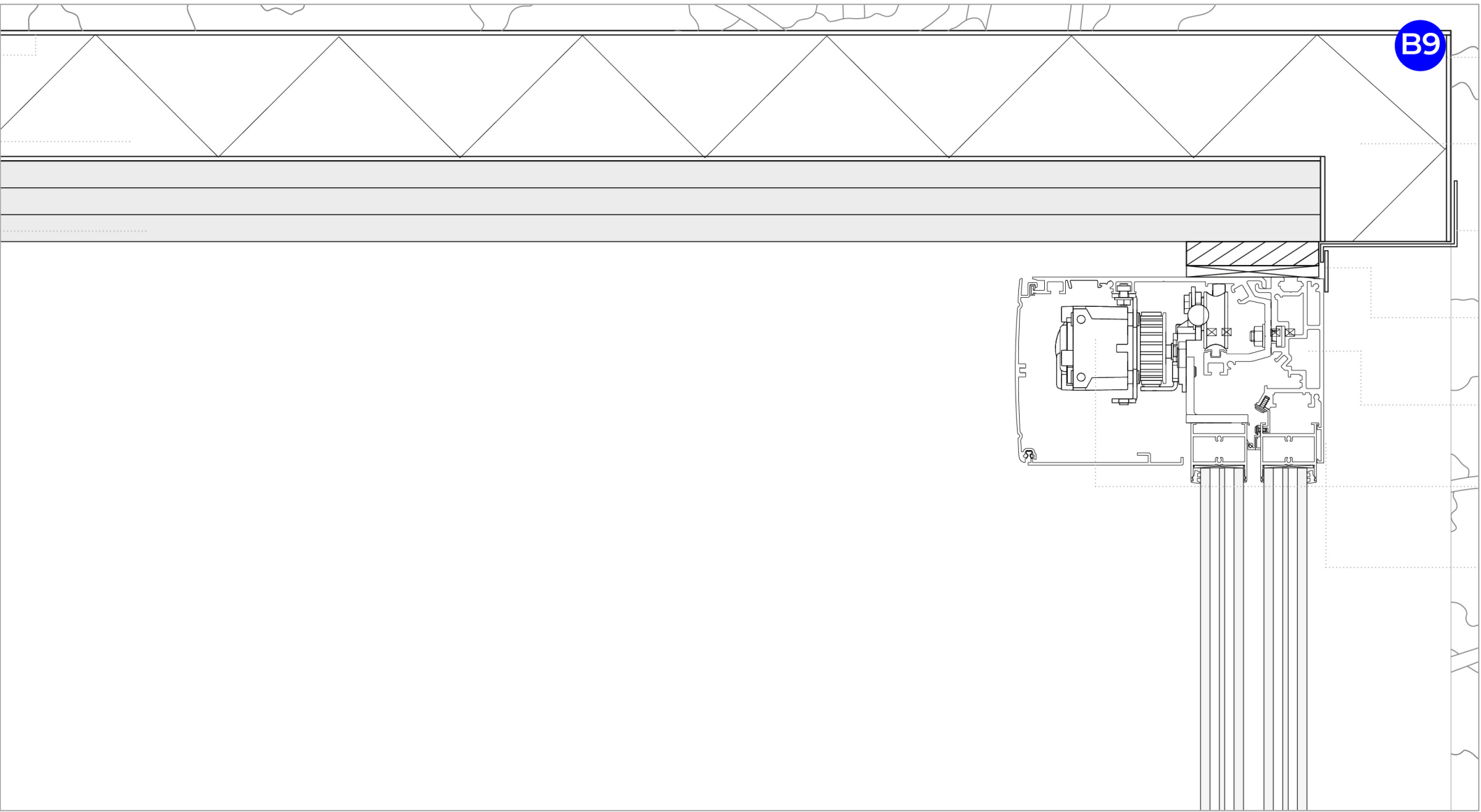
①

Prefab sandwich panel- insulation
100 mm insulation | Kingspan or equivalent

②

3 layer CLT panel
structural element - roof

③



⑨ Prefab sandwich panel - finishing
metal RAL 9005 | Kingspan or equivalent

⑩ Prefab sandwich panel- insulation
100 mm insulation | Kingspan or equivalent

⑪ Flashing
aluminium RAL 9005

⑫ Flat aluminium strip
2 mm RAL 9005

⑬ Activation sensor
to automatically open the door

⑭ Door motor
to automatically open the door

⑮ Omni Slide® slim door profile
Aluminium frame | RAL 9005

Abrasion resistant coating
RAL 7038 agate grey

④

Plywood 18 mm
2 layers placed crosswise

⑤

Insulation
200 mm (Rd 5,55 m²,K/W)

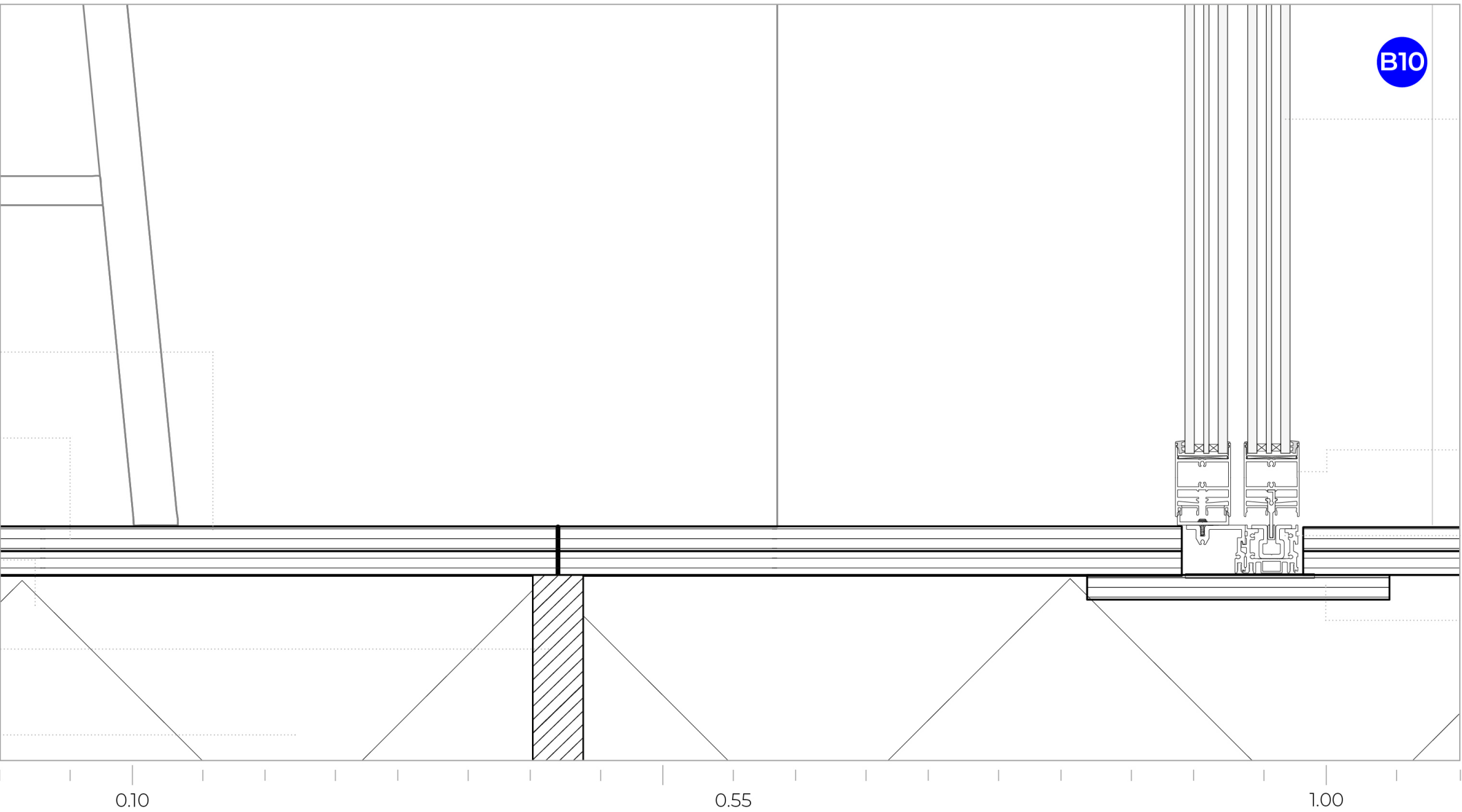
⑥

Pine wood beam
38 x 285 mm

⑦

Pine wood beam
38 x 285 mm

⑧



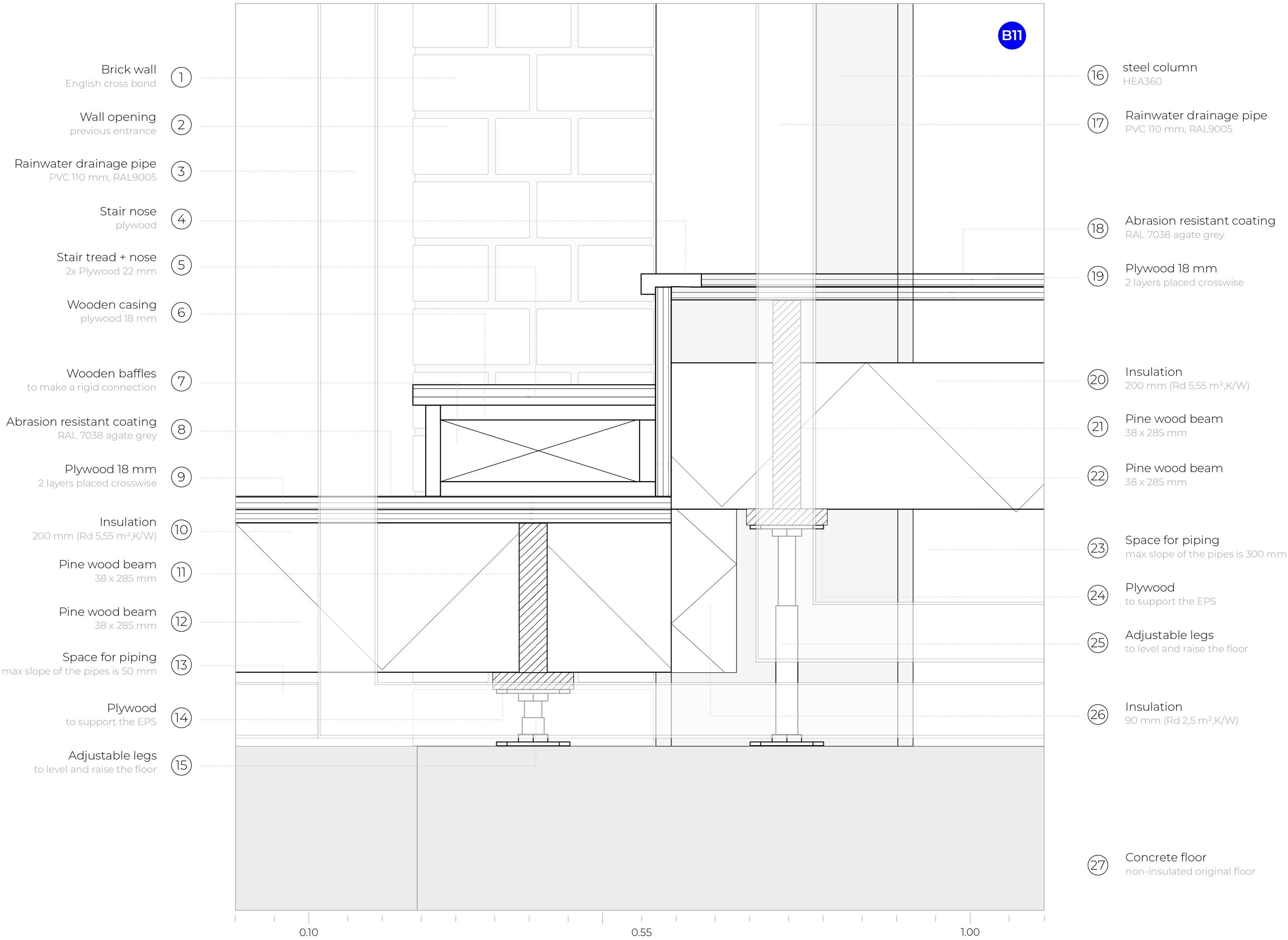
⑯ HR+++ glass
triple glazing

⑰ Omni Slide® slim door profile
Aluminium frame | RAL 9005

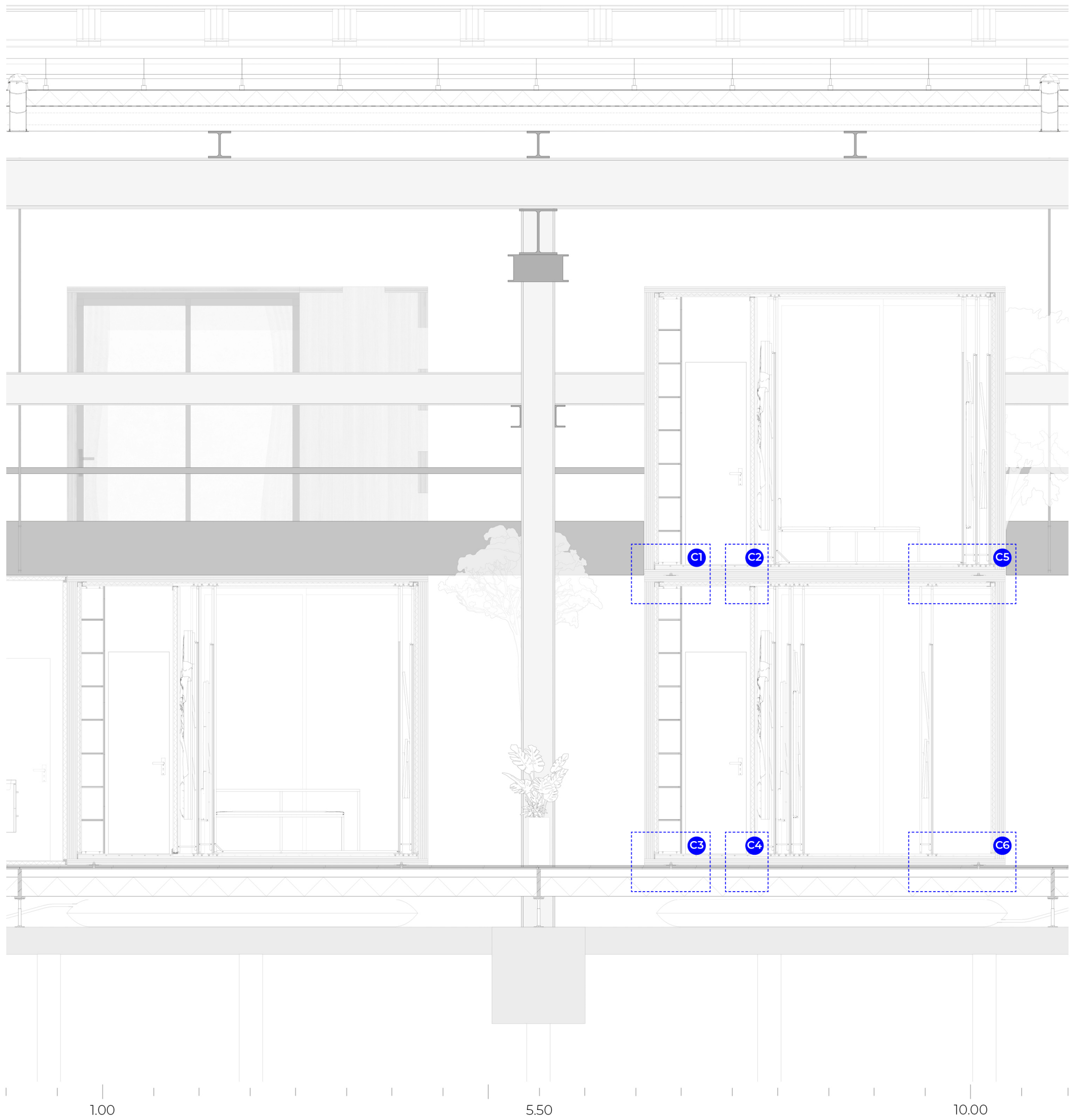
⑱ Hidden track
for easy access for disabled

⑲ Window buck
plywood 22 mm

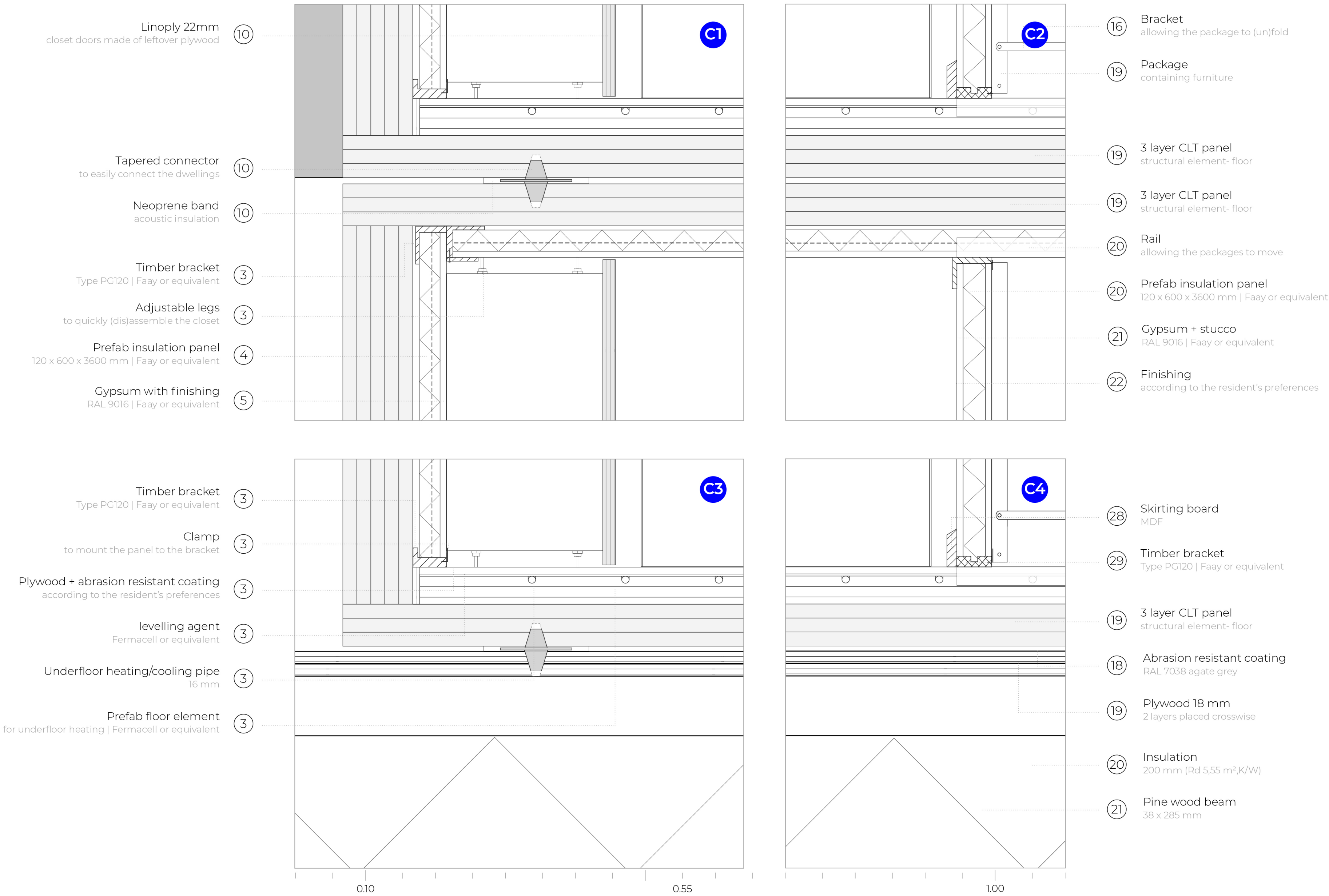
DETAIL DRAWINGS | VERTICAL SECTION B | SCALE 1.5



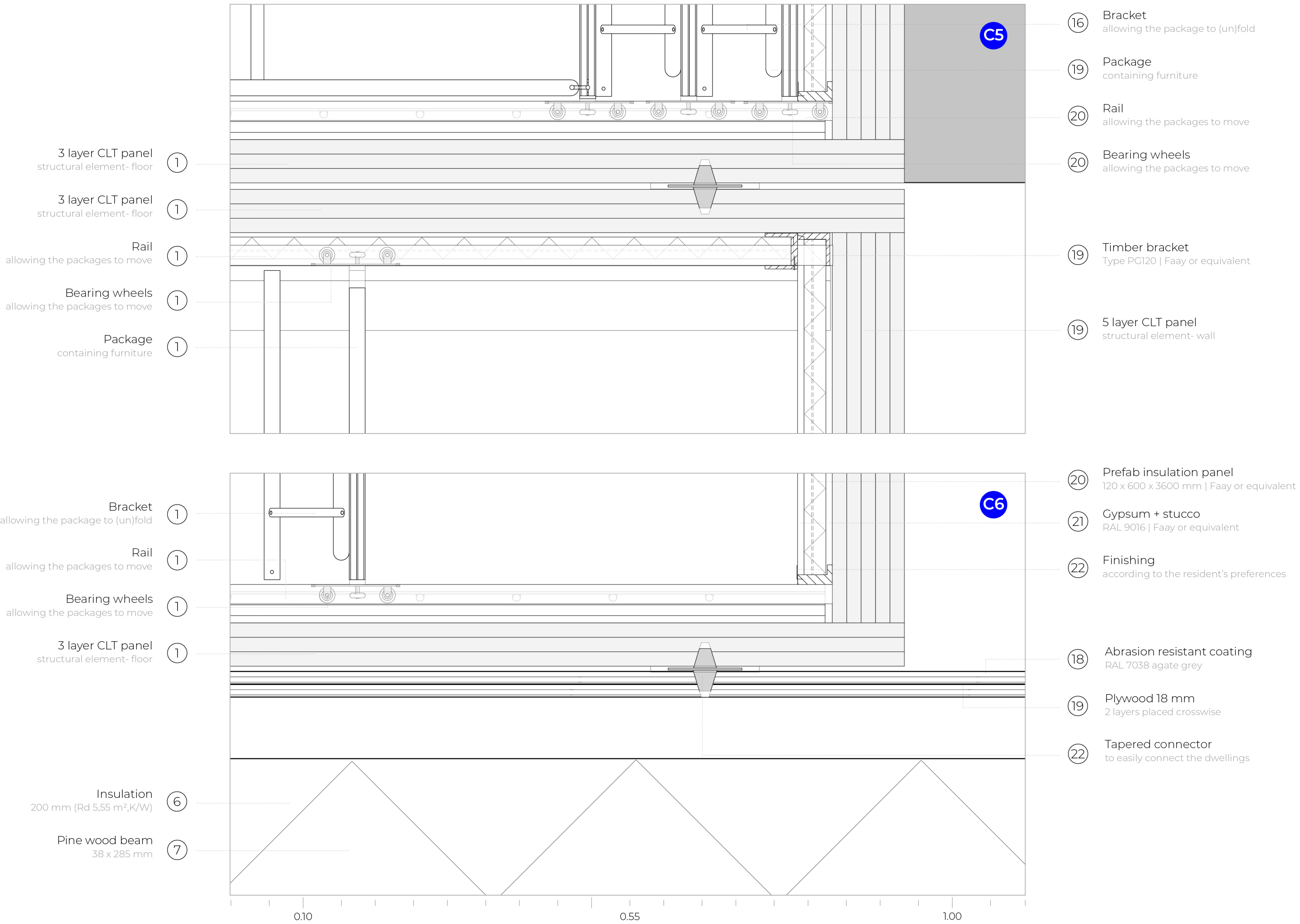
FRAGMENT | VERTICAL SECTION C | SCALE 1.50



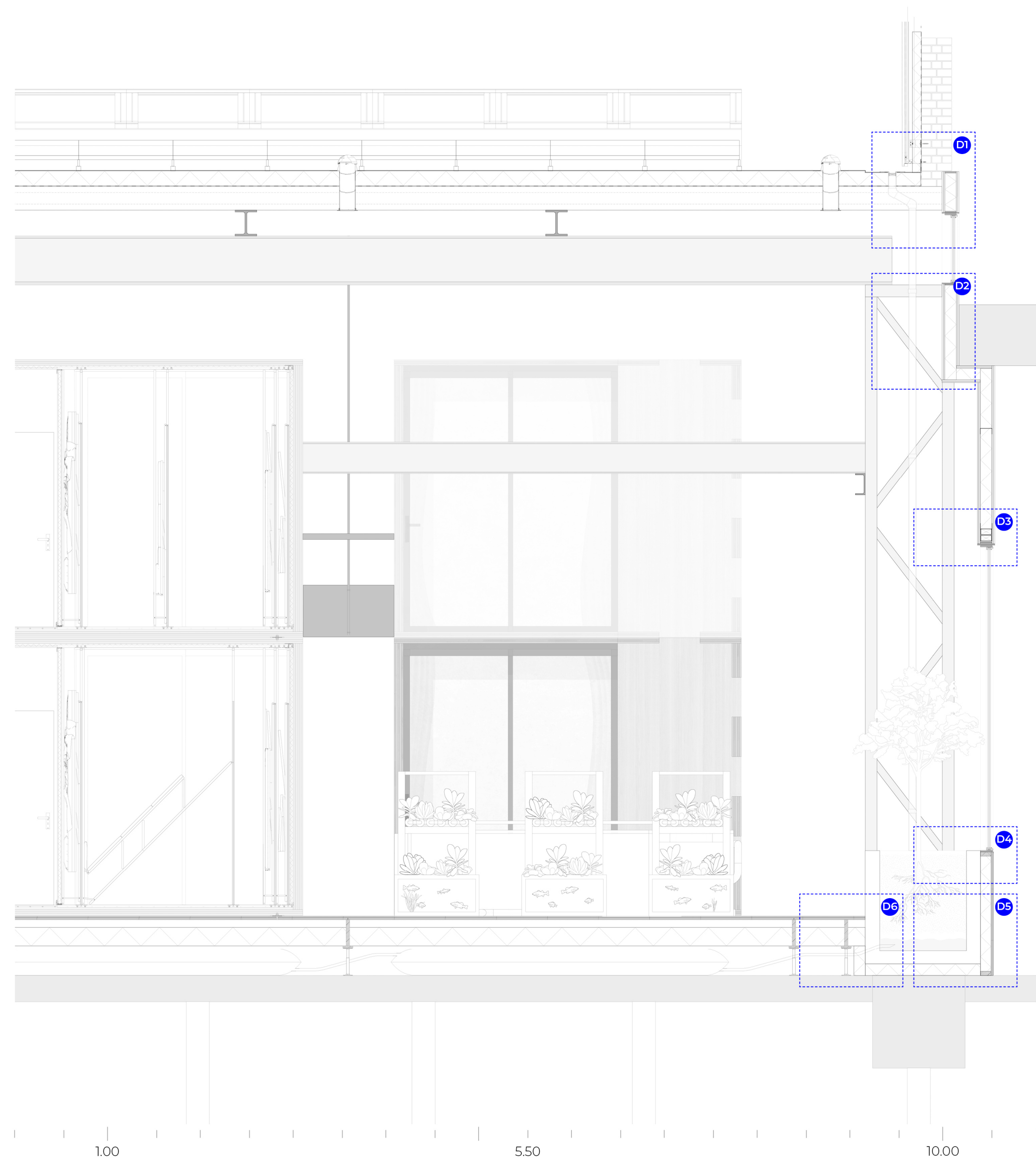
DETAIL DRAWINGS | VERTICAL SECTION C | SCALE 1.5



DETAIL DRAWINGS | VERTICAL SECTION C | SCALE 1.5

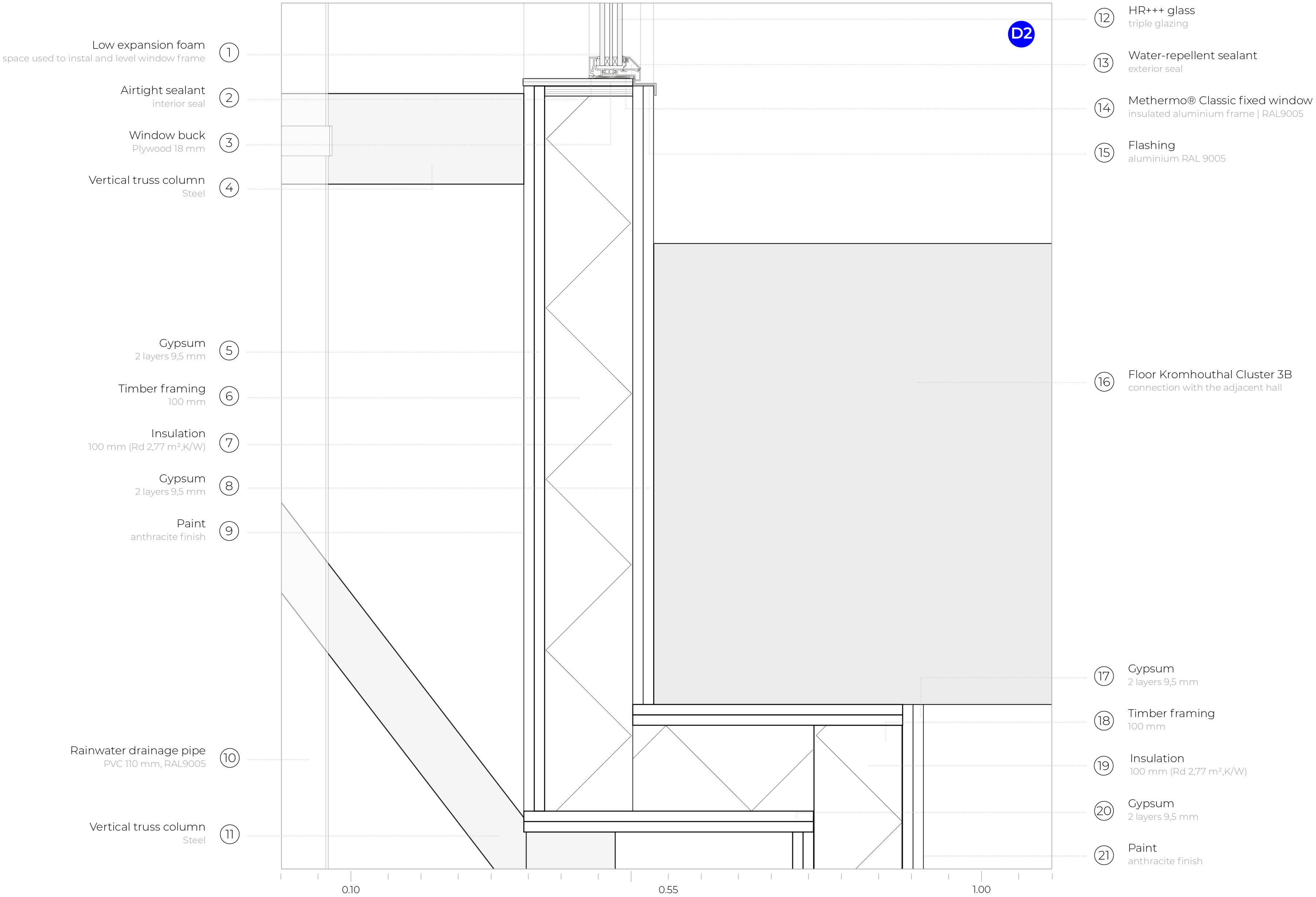


FRAGMENT | VERTICAL SECTION D | SCALE 1.50

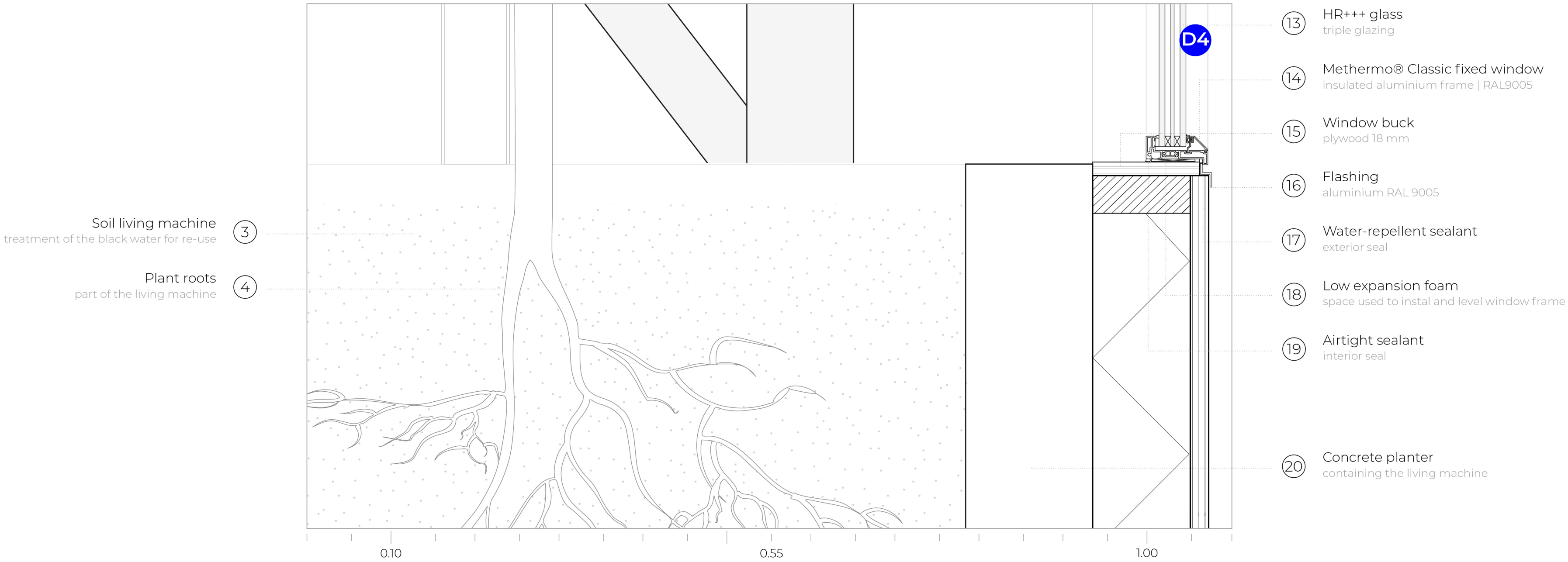
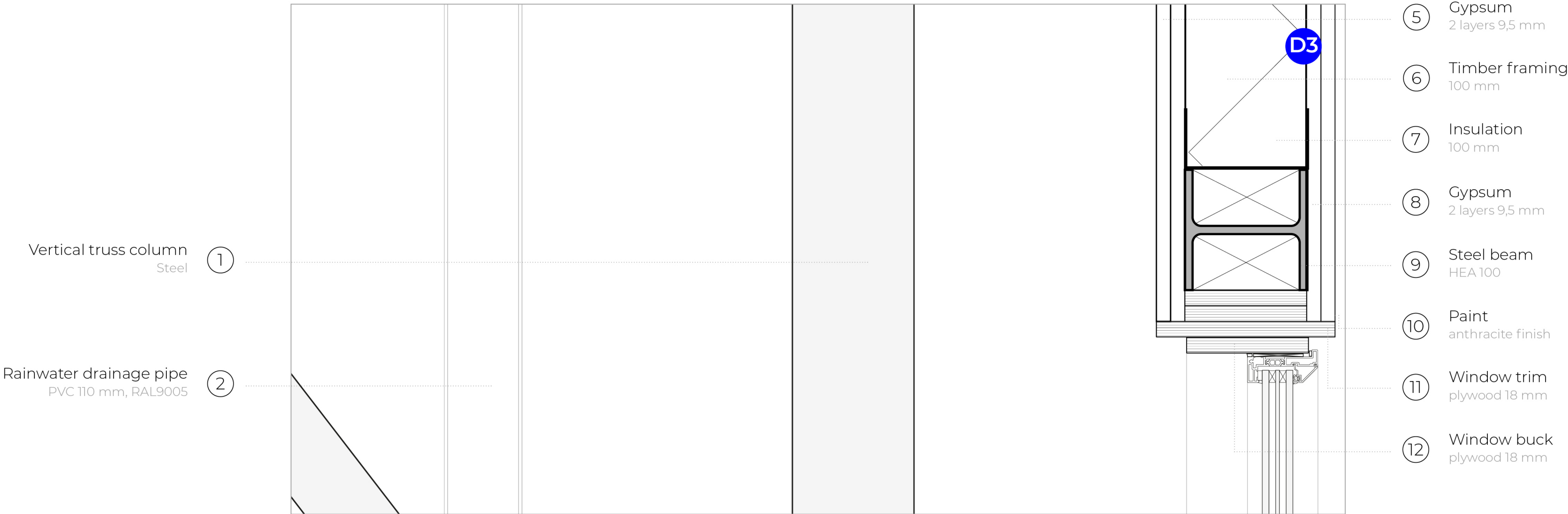


Technical drawings

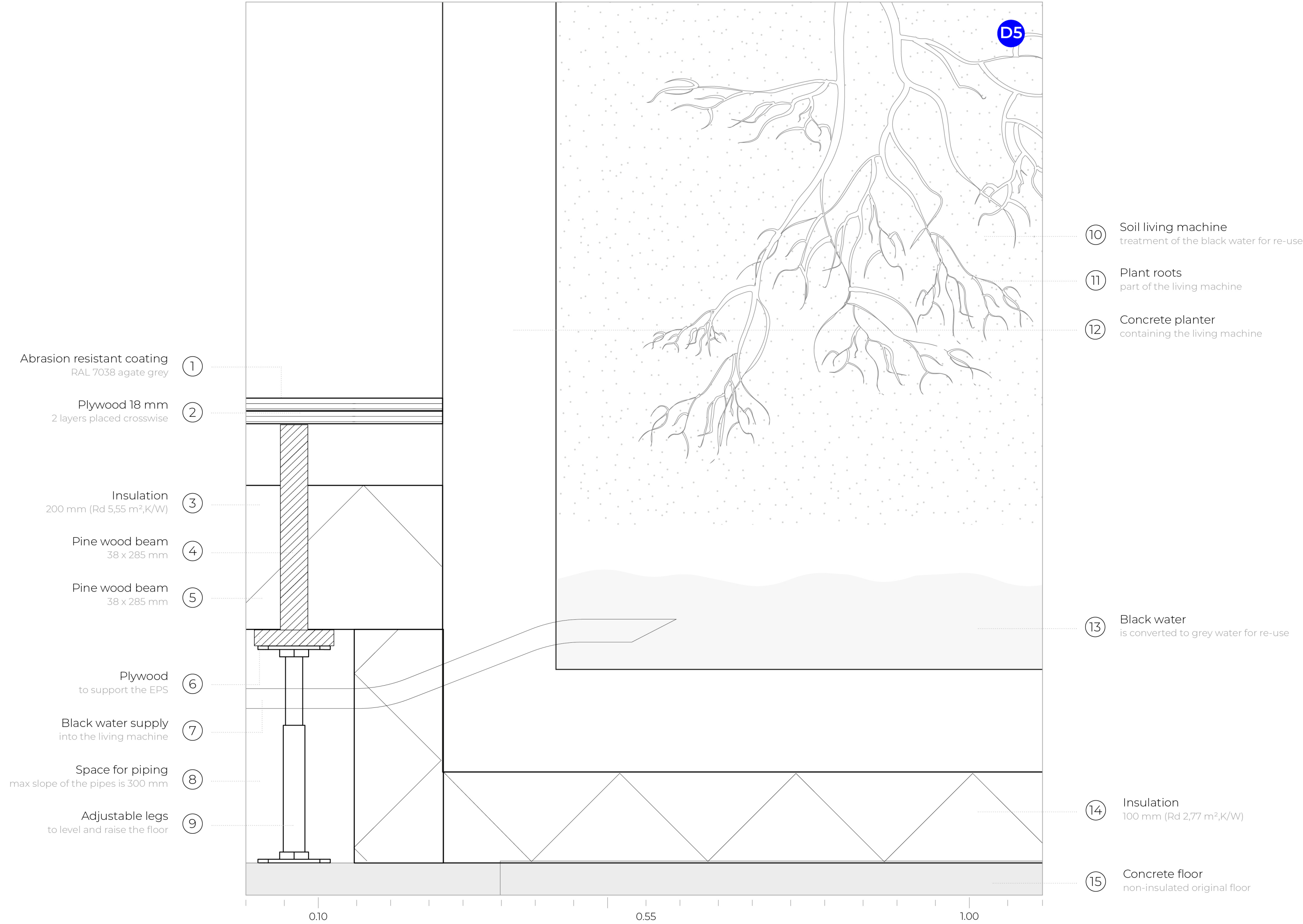
DETAIL DRAWINGS | VERTICAL SECTION D | SCALE 1:5



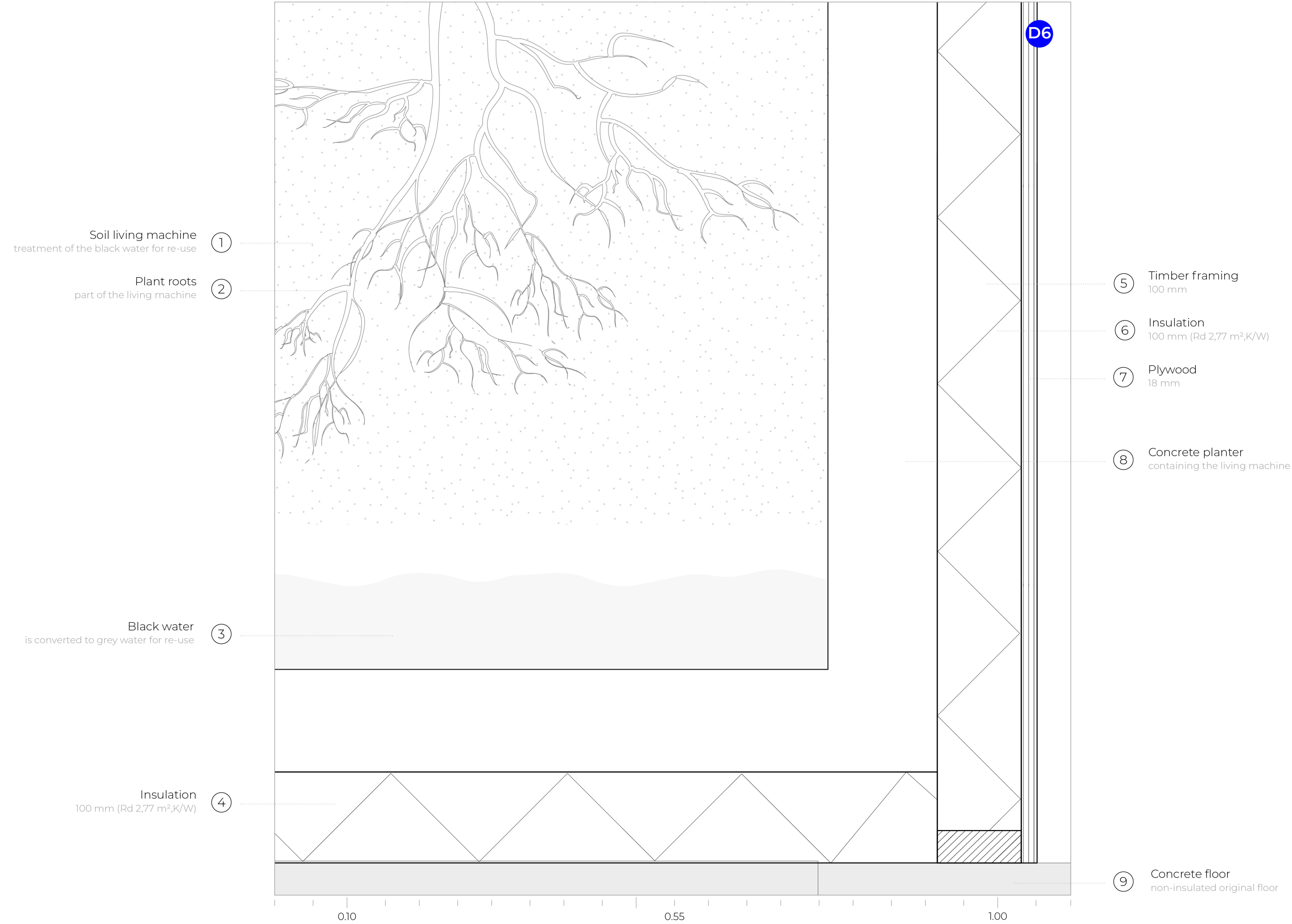
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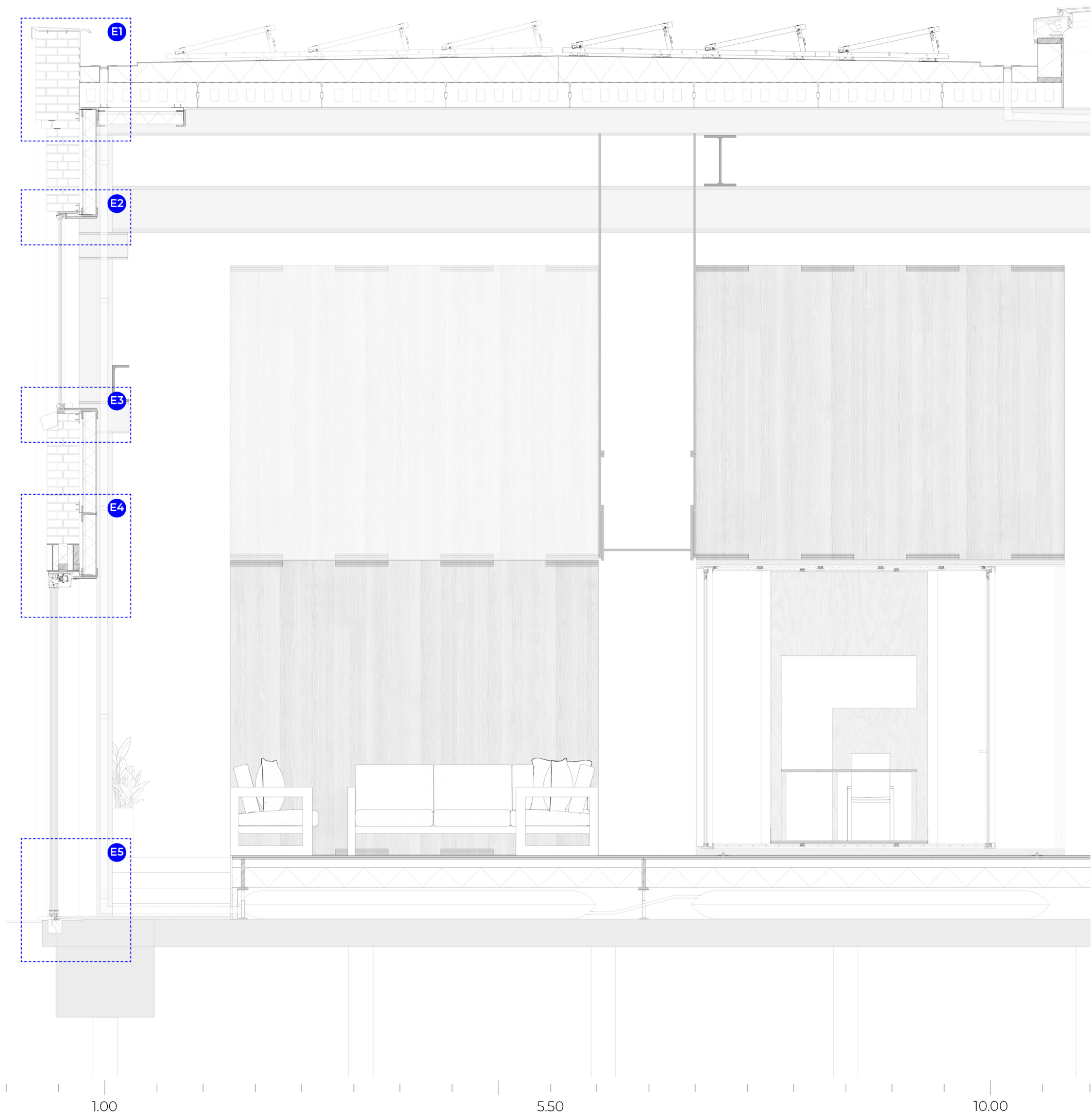
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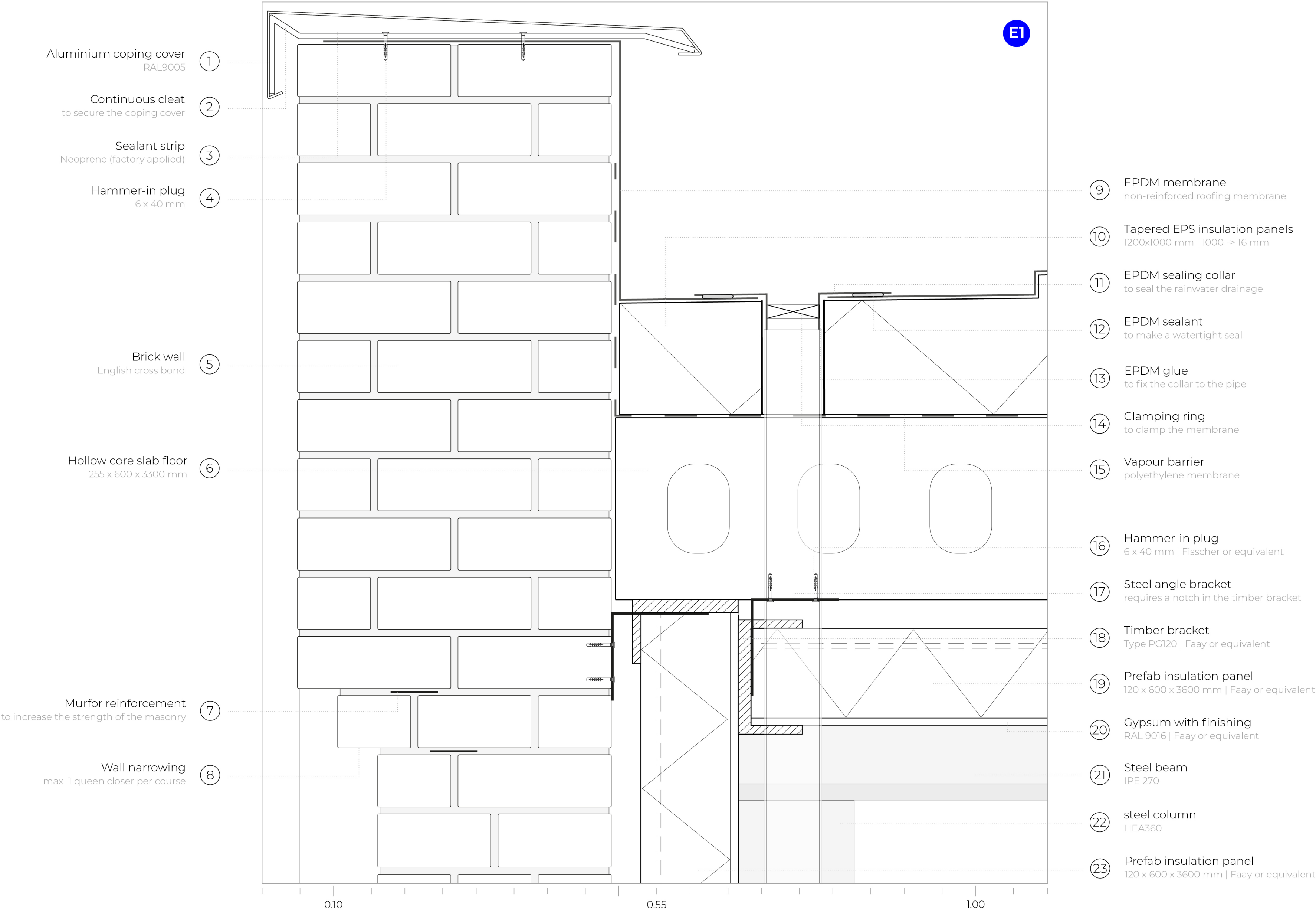
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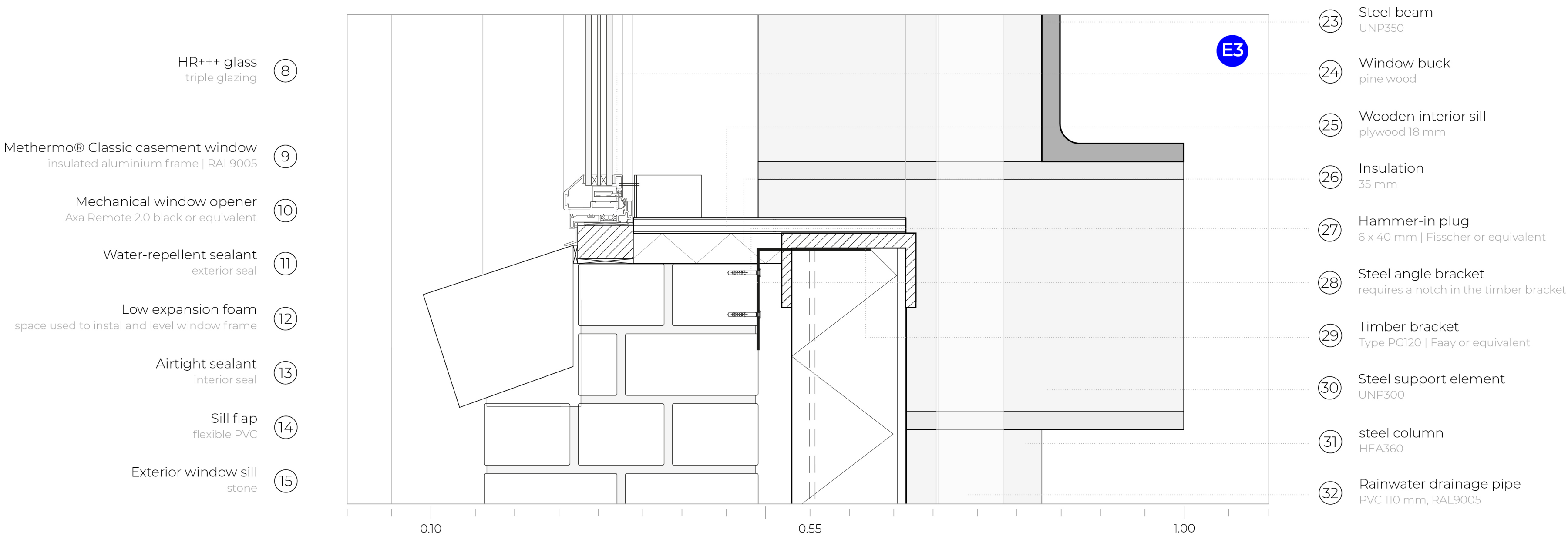
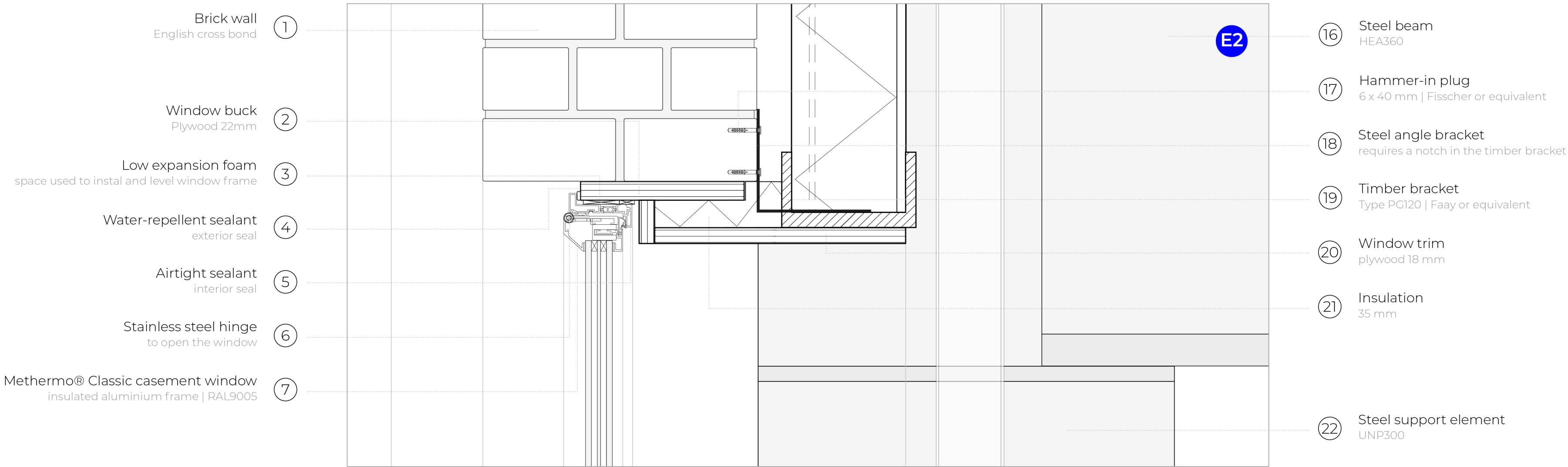
FRAGMENT | VERTICAL SECTION E | SCALE 1.50



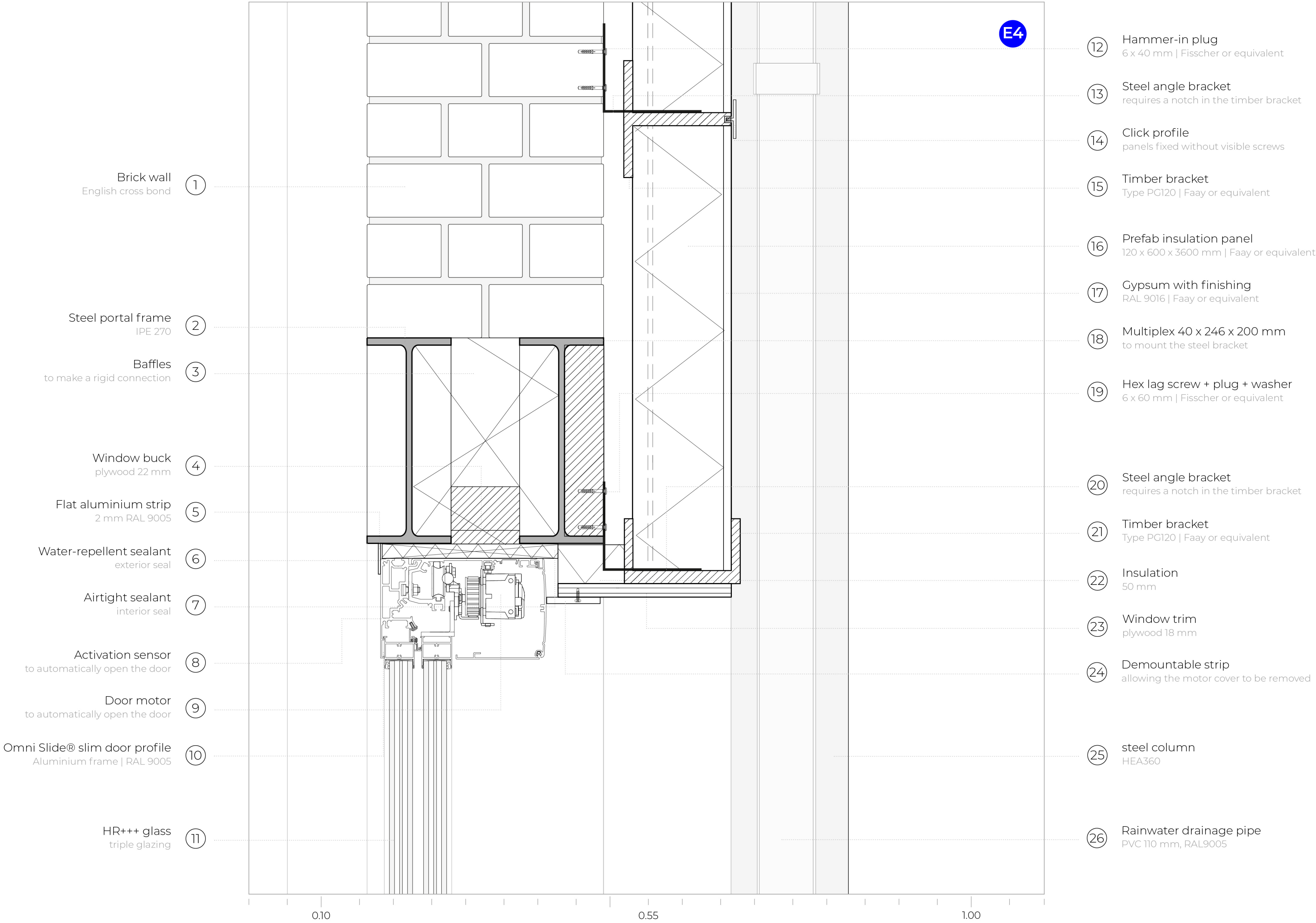
DETAIL DRAWINGS | VERTICAL SECTION E | SCALE 1.5



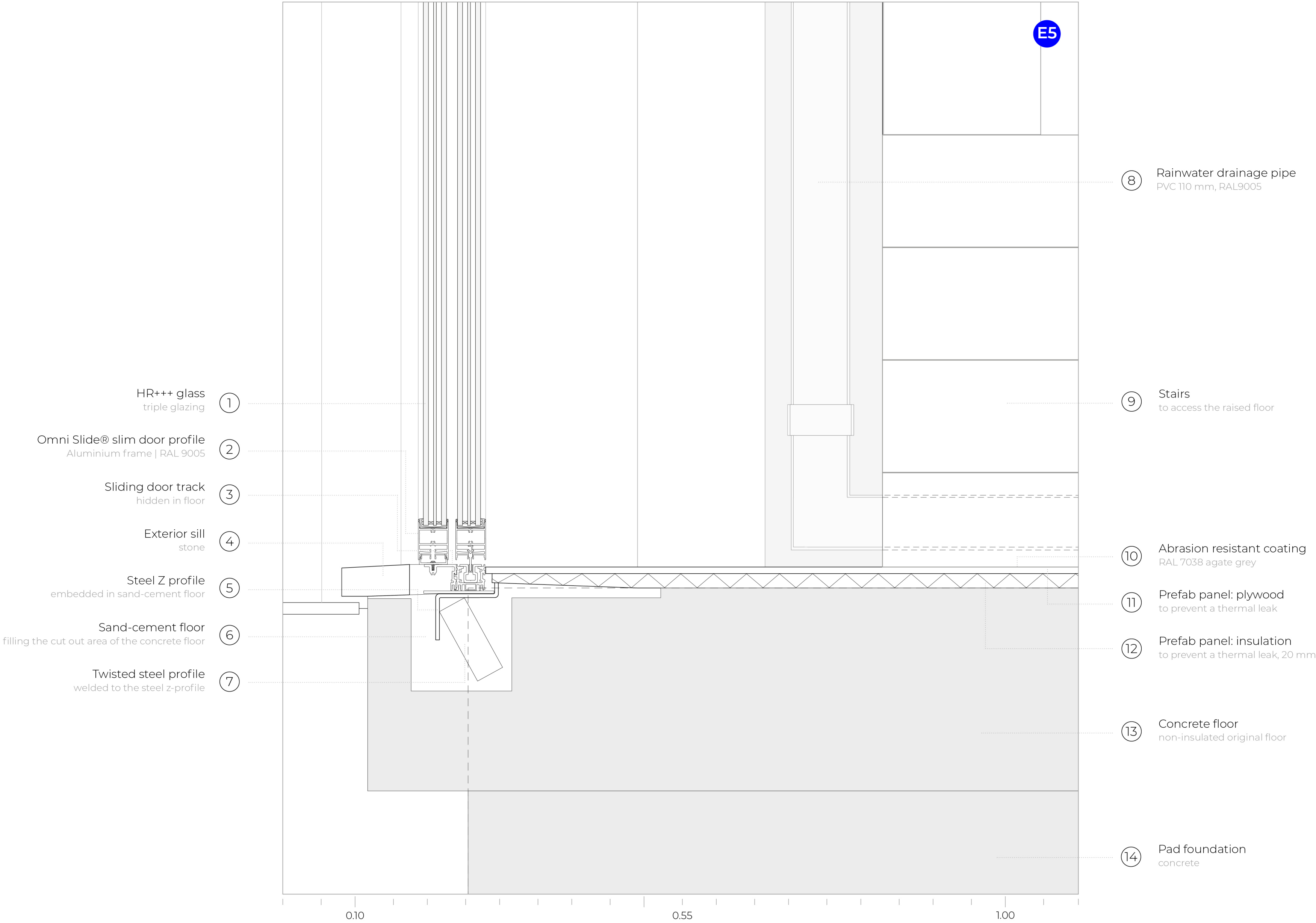
DETAIL DRAWINGS | VERTICAL SECTION E | SCALE 1.5



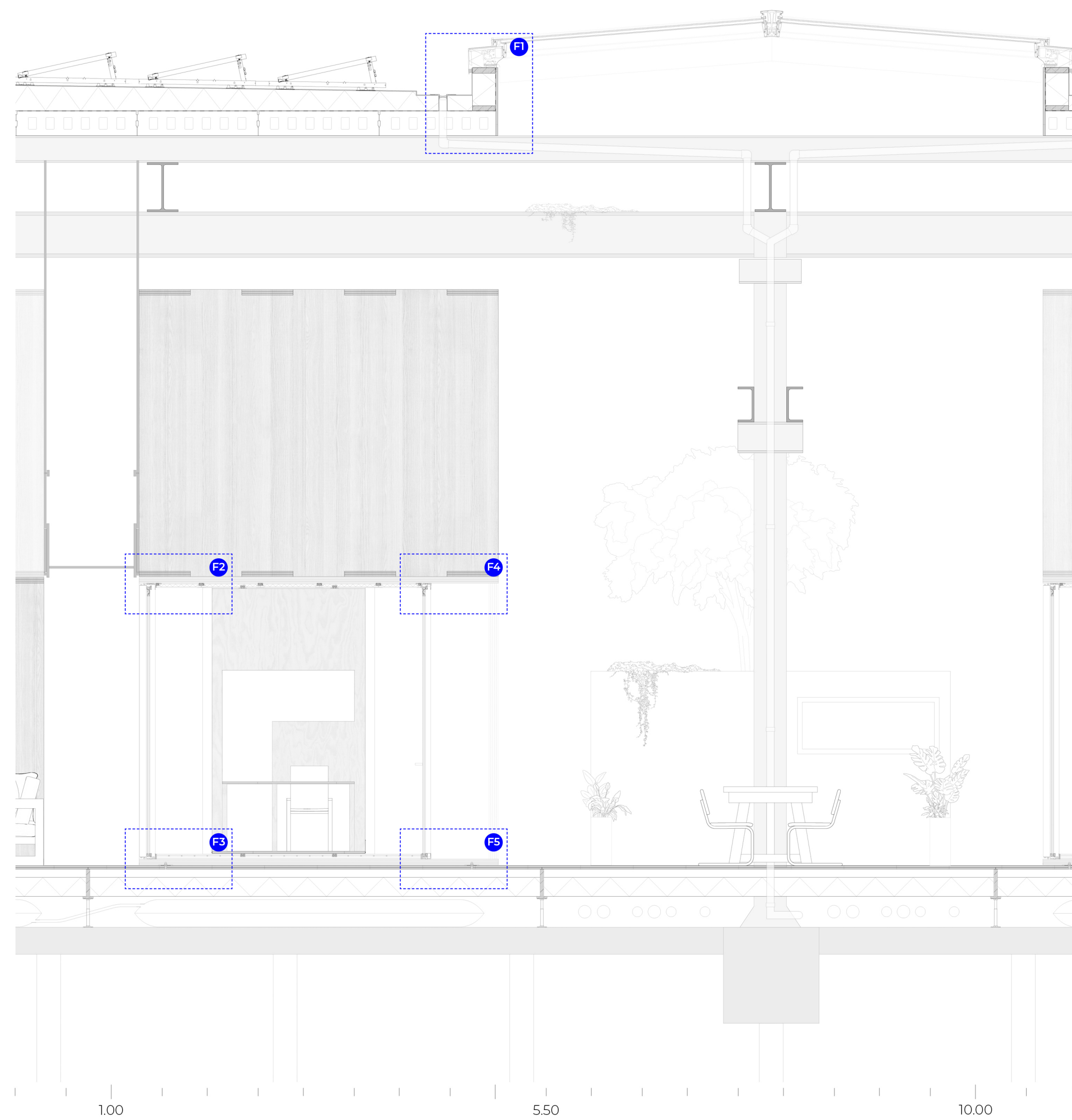
DETAIL DRAWINGS | VERTICAL SECTION E | SCALE 1.5



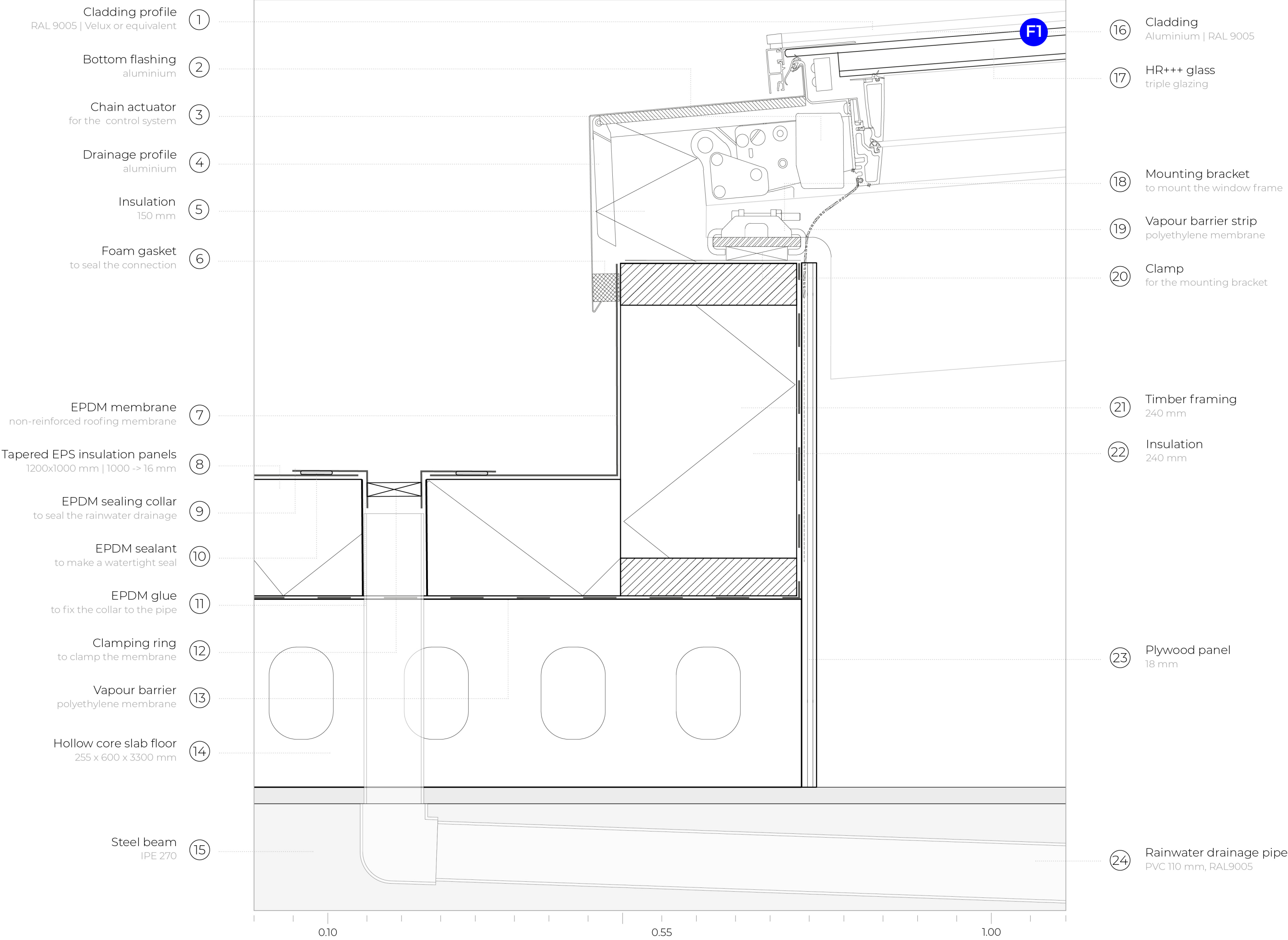
DETAIL DRAWINGS | VERTICAL SECTION E | SCALE 1.5



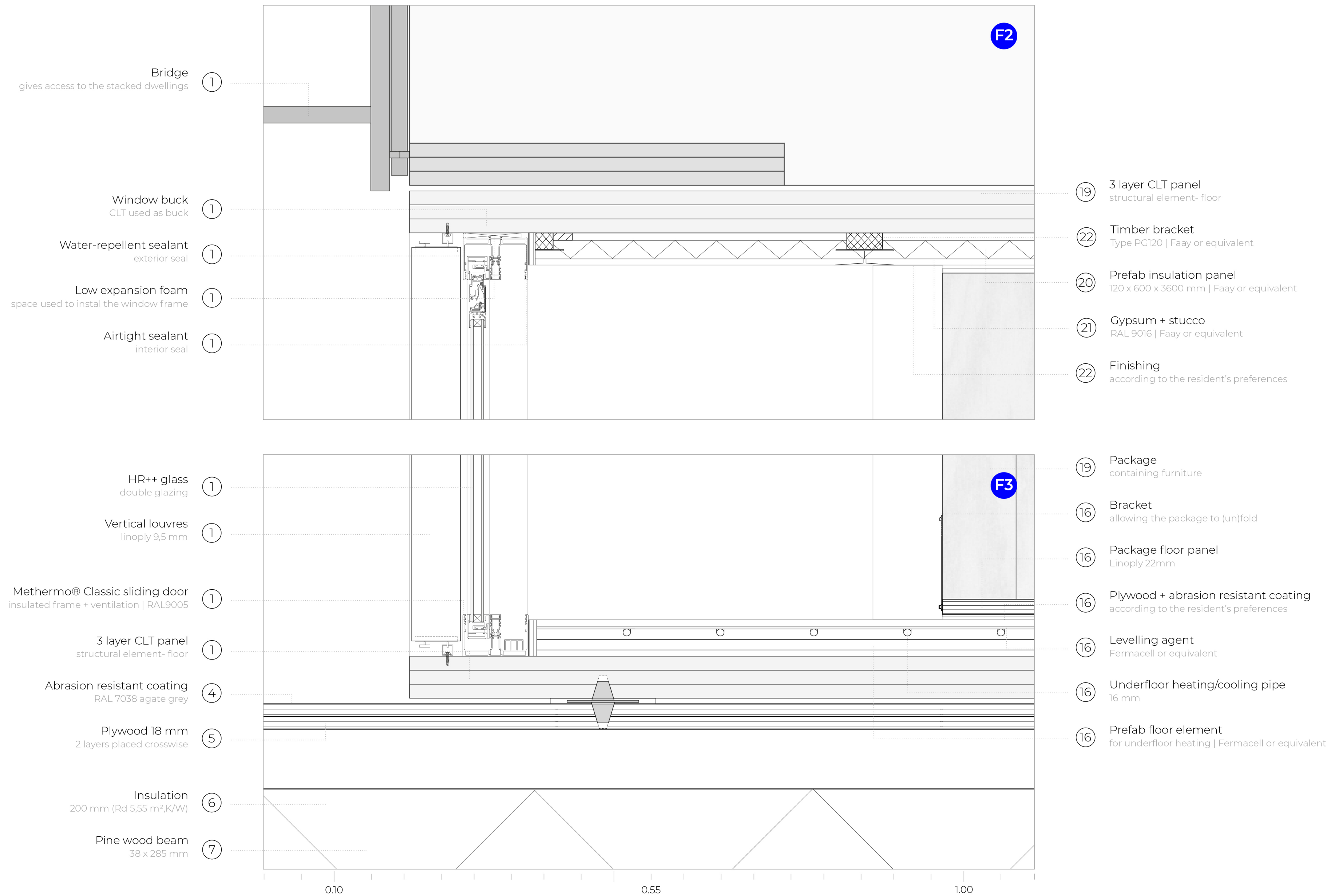
FRAGMENT | VERTICAL SECTION F | SCALE 1.50



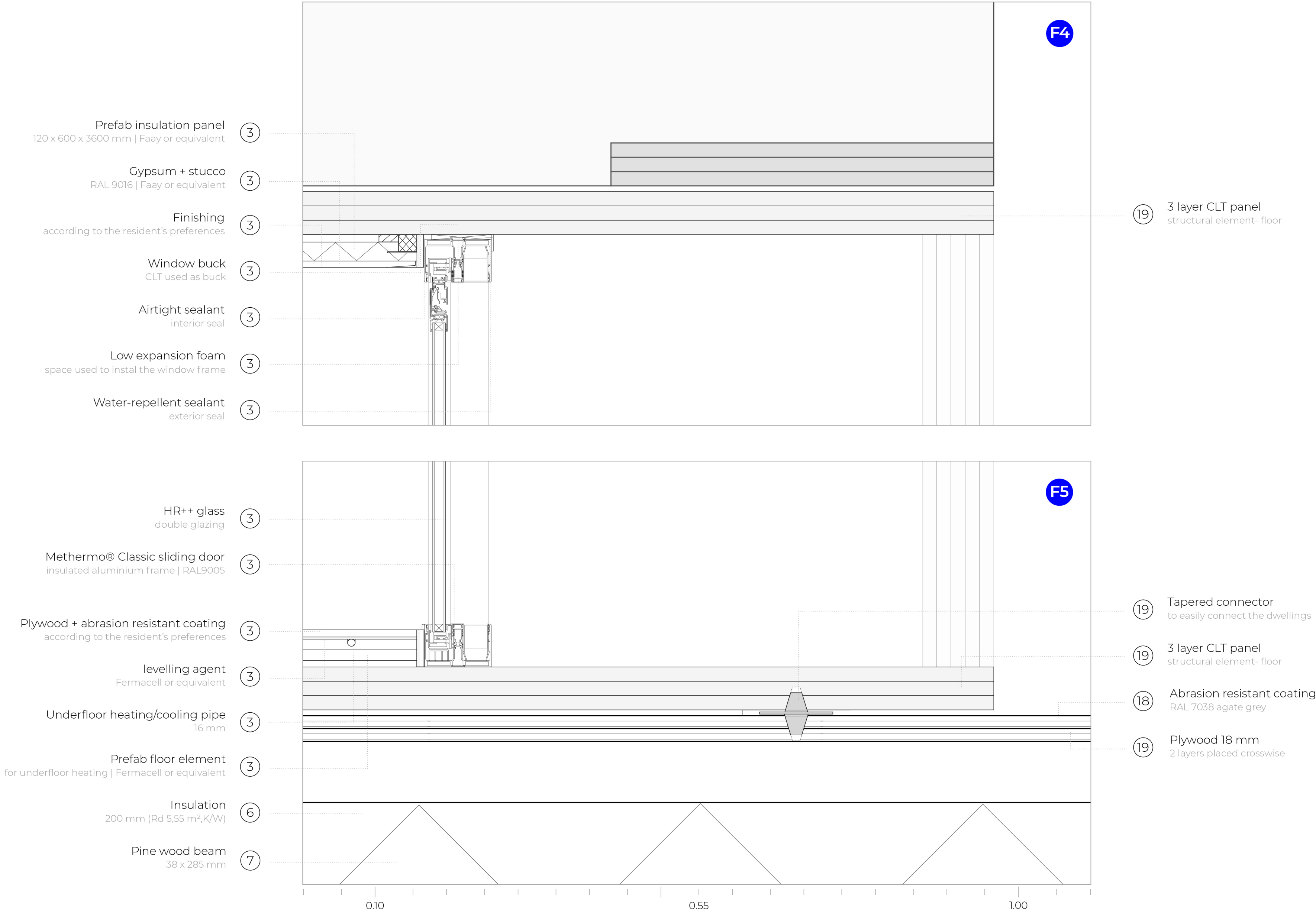
DETAIL DRAWINGS | VERTICAL SECTION F | SCALE 1.5



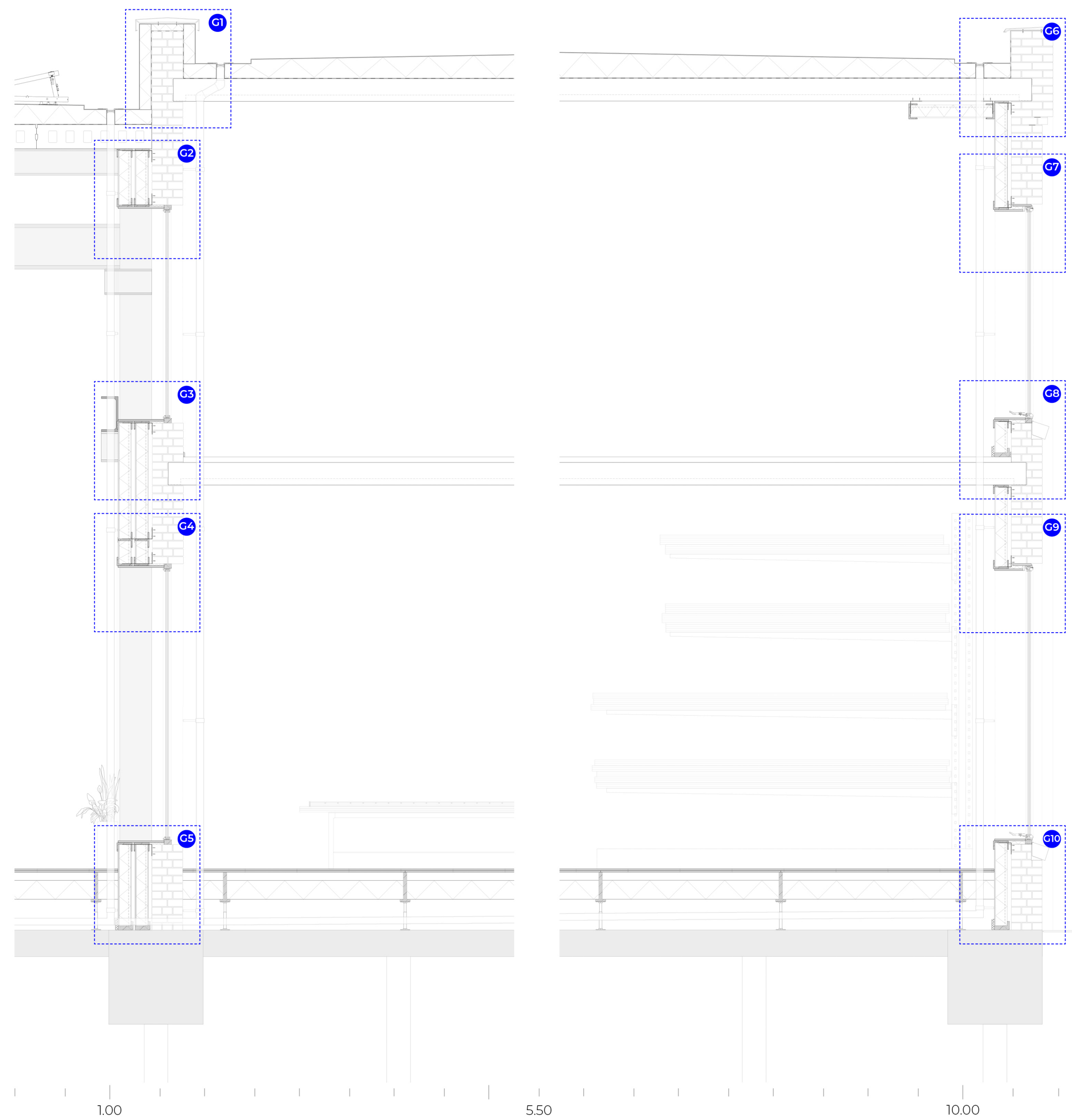
DETAIL DRAWINGS | VERTICAL SECTION F | SCALE 1.5



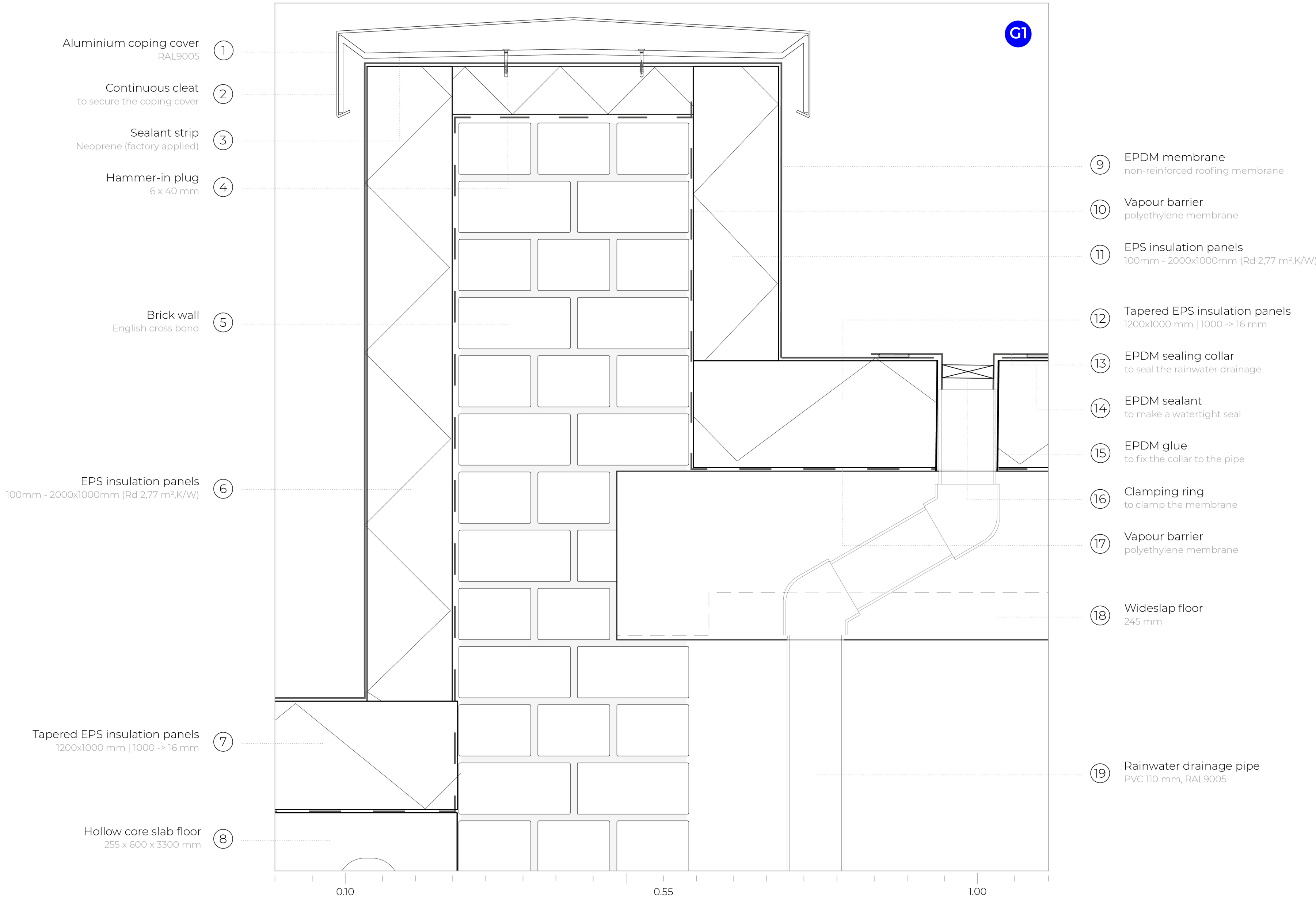
DETAIL DRAWINGS | VERTICAL SECTION F | SCALE 1.5



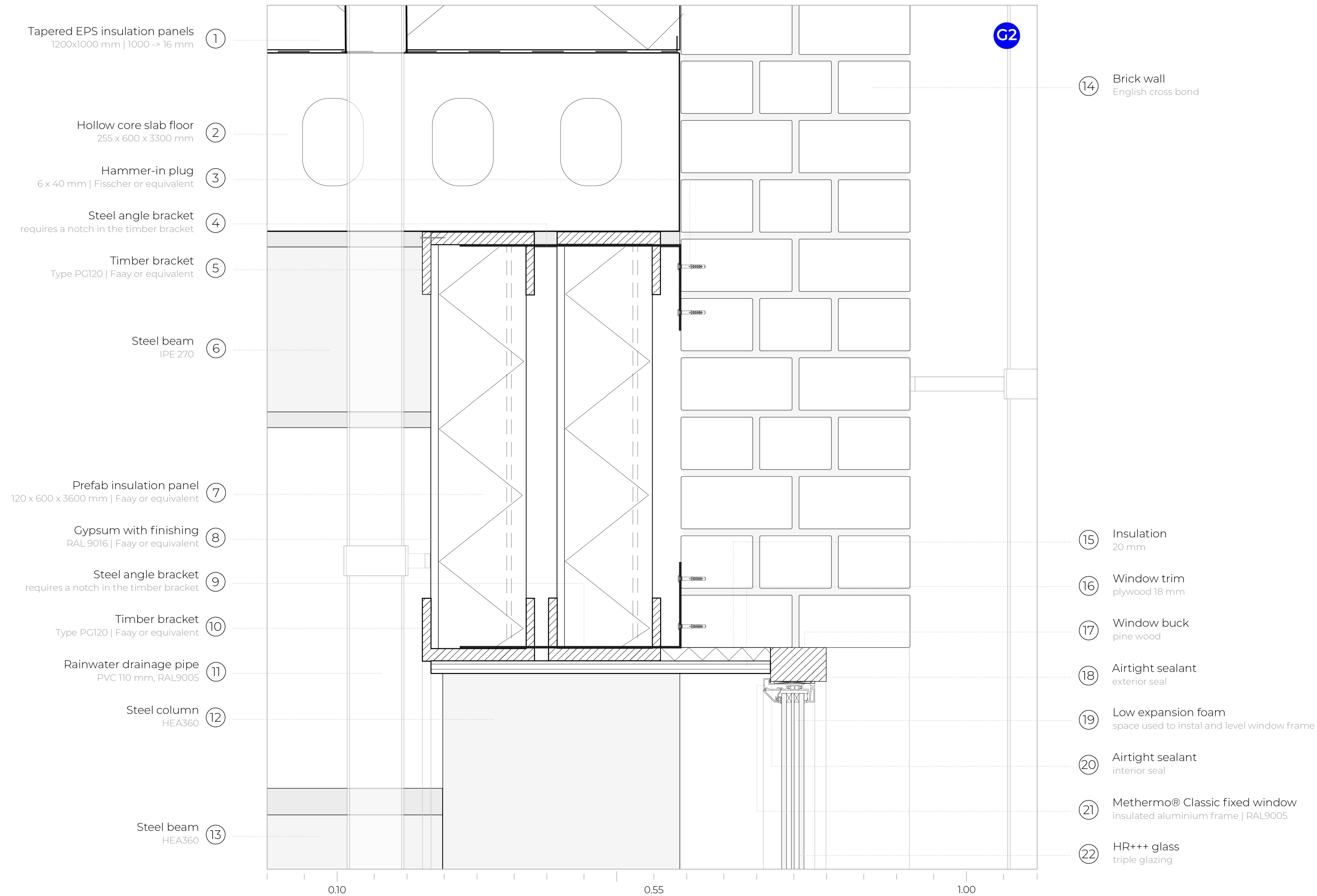
FRAGMENT | VERTICAL SECTION G | SCALE 1.50



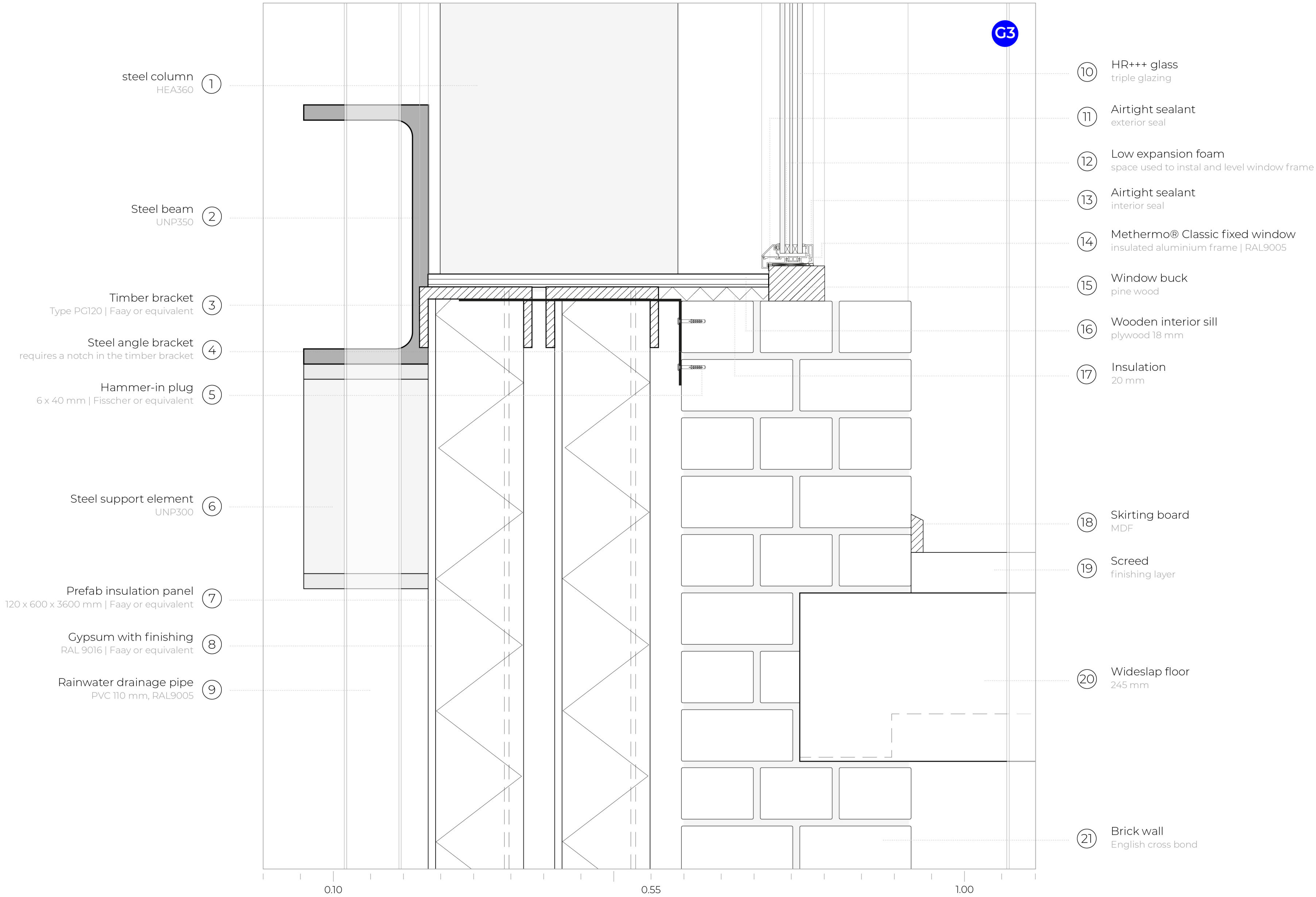
DETAIL DRAWINGS | VERTICAL SECTION G | SCALE 1:5



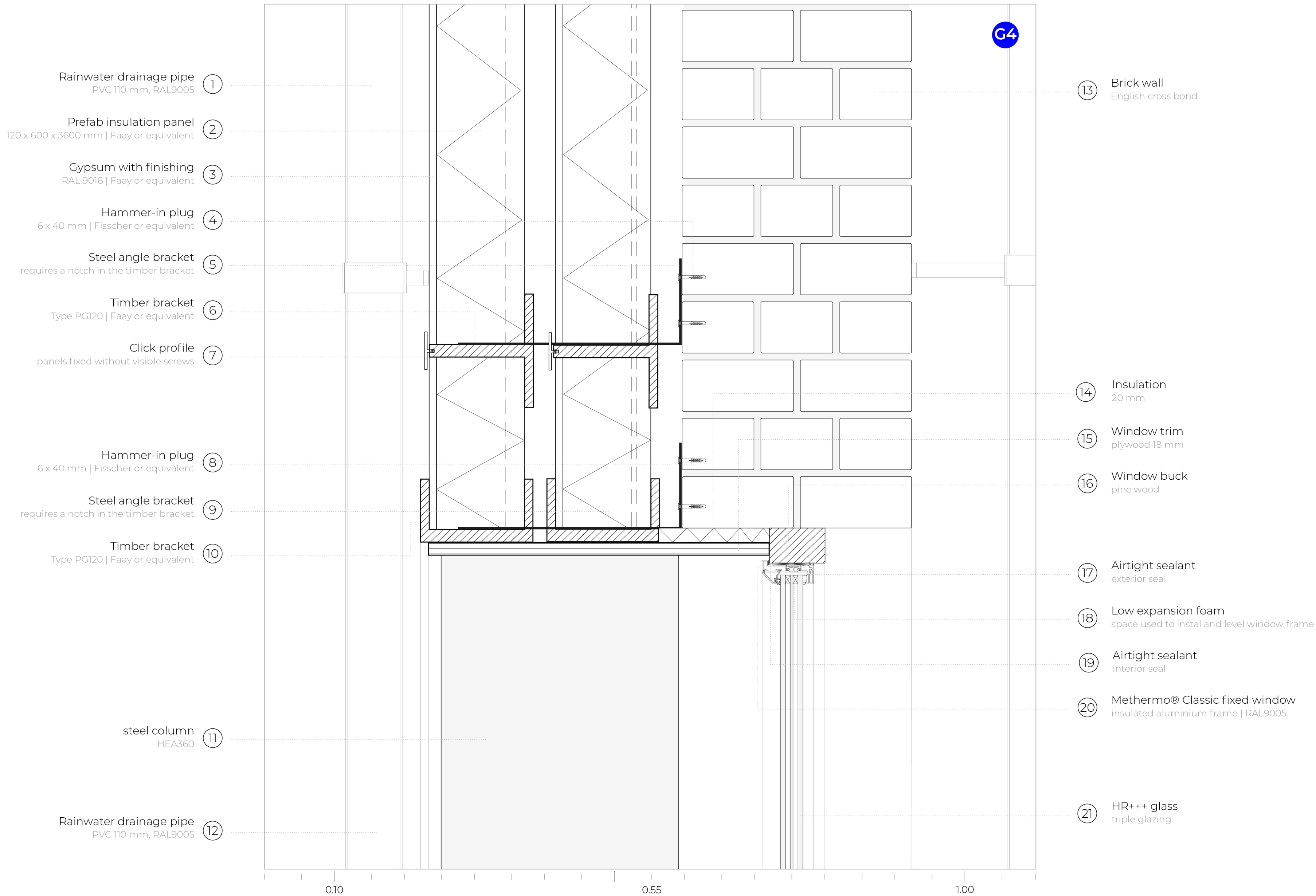
DETAIL DRAWINGS | VERTICAL SECTION G | SCALE 1:5



DETAIL DRAWINGS | VERTICAL SECTION G | SCALE 1.5



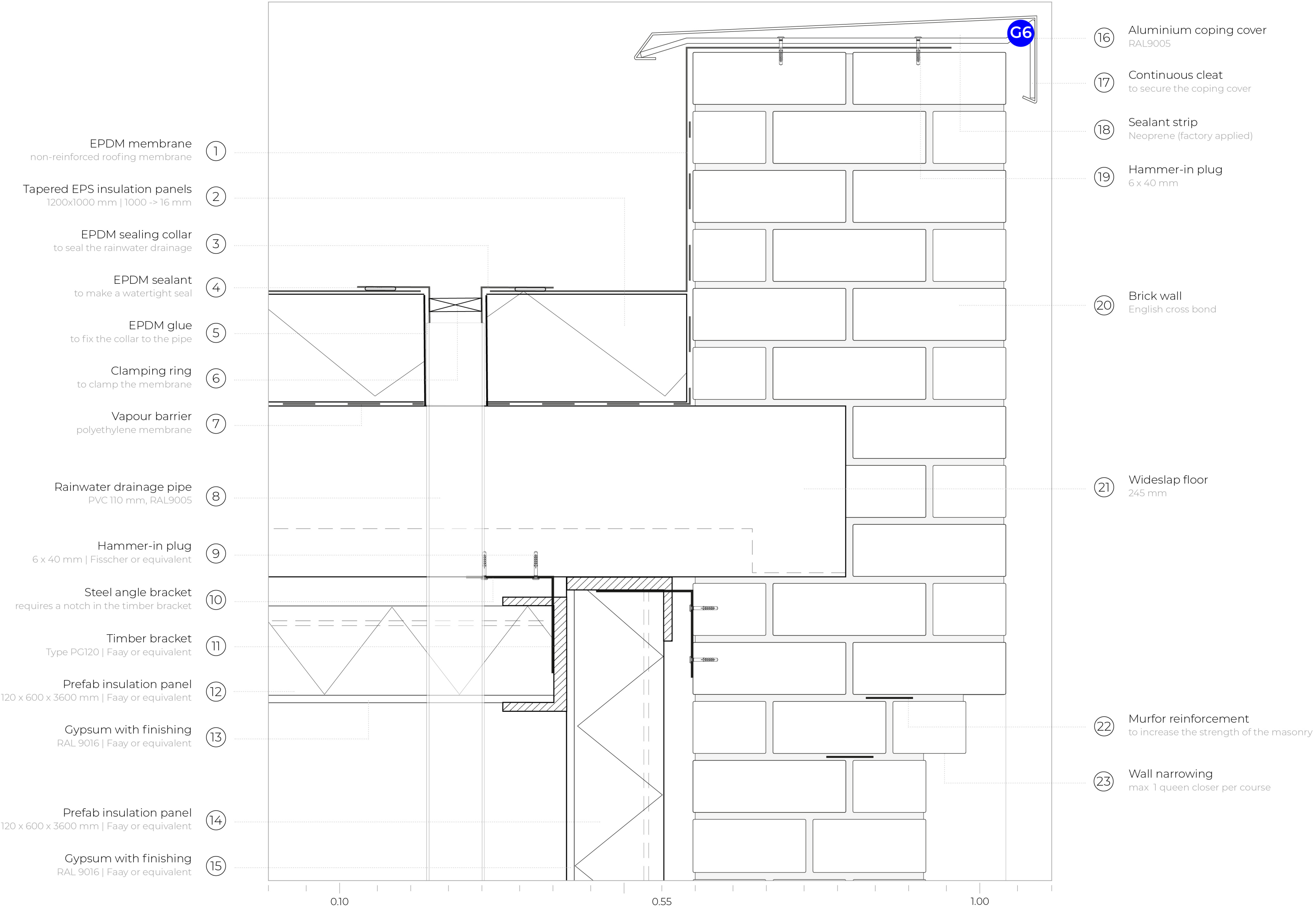
DETAIL DRAWINGS | VERTICAL SECTION G | SCALE 1.5



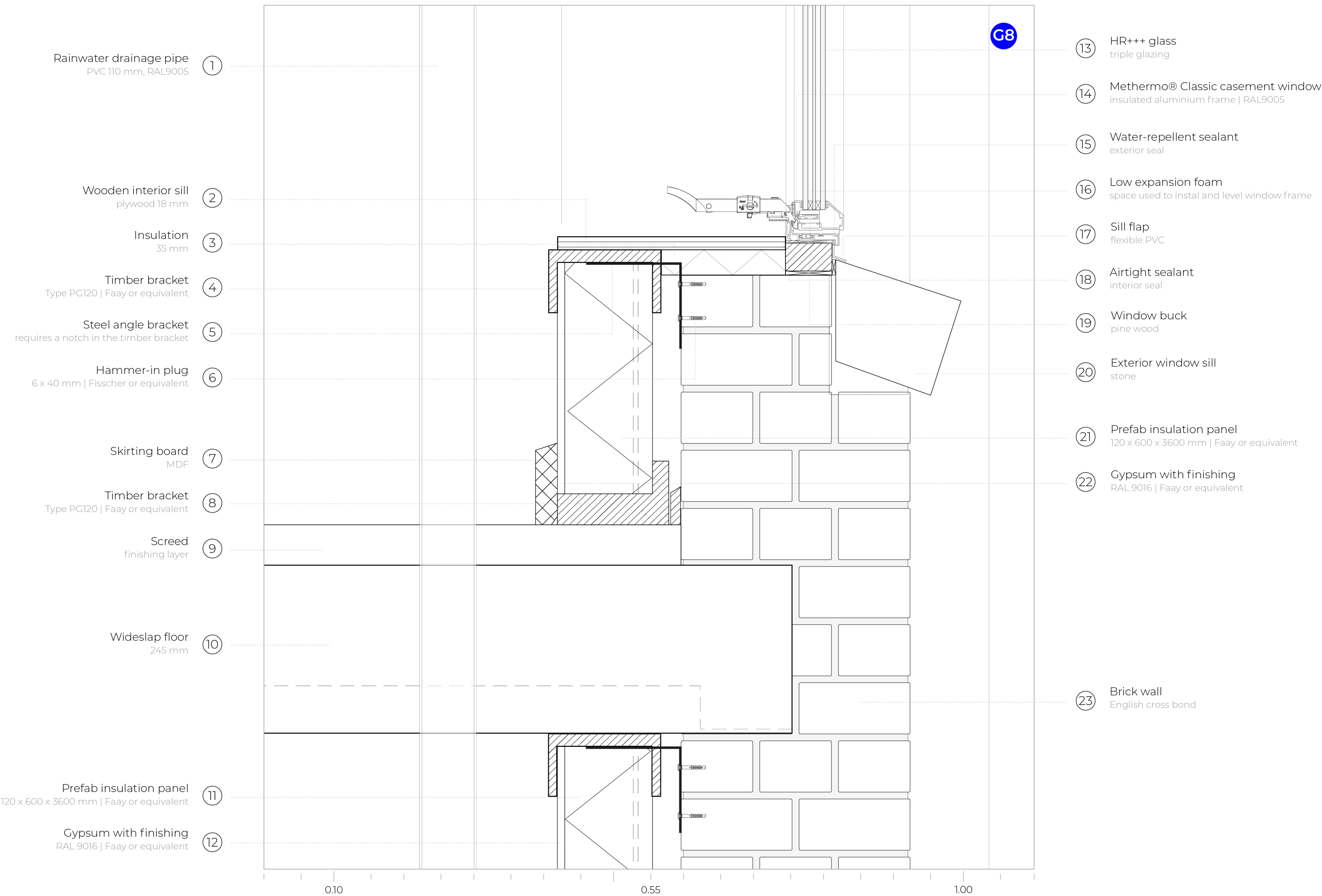
This architectural section drawing illustrates a wall assembly. On the left, a structural wall is shown with diagonal hatching. To its right is a thick layer of insulation, indicated by a pattern of diagonal lines. Further right is a brick veneer, depicted with rectangular bricks and mortar joints. The drawing includes a scale bar at the bottom with markings at 0.10, 0.55, and 1.00. A blue circle with the text 'G5' is located in the top right corner.

-
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DETAIL DRAWINGS | VERTICAL SECTION G | SCALE 1.5



DETAIL DRAWINGS | VERTICAL SECTION G | SCALE 1.5



DETAIL DRAWINGS | VERTICAL SECTION C | SCALE 1.5

Prefab insulation panel
120 x 600 x 3600 mm | Faay or equivalent

Gypsum with finishing
RAL 9016 | Faay or equivalent

Hammer-in plug
6 x 40 mm | Fisscher or equivalent

Steel angle bracket
requires a notch in the timber bracket

Timber bracket
Type PG120 | Faay or equivalent

Insulation
35 mm

Window trim
plywood 18 mm

Rainwater drainage pipe
PVC 110 mm, RAL9005

Cantilever rack
to store CLT panels

Brick wall
English cross bond

Window buck
Plywood 22mm

Stainless steel hinge
to open the window

Methermo® Classic casement window
insulated aluminium frame | RAL9005

Water-repellent sealant
exterior seal

Low expansion foam
space used to instal and level window frame

Airtight sealant
interior seal

HR+++ glass
triple glazing

DETAIL DRAWINGS | VERTICAL SECTION G | SCALE 1.5

