1:1000 Urban Plan

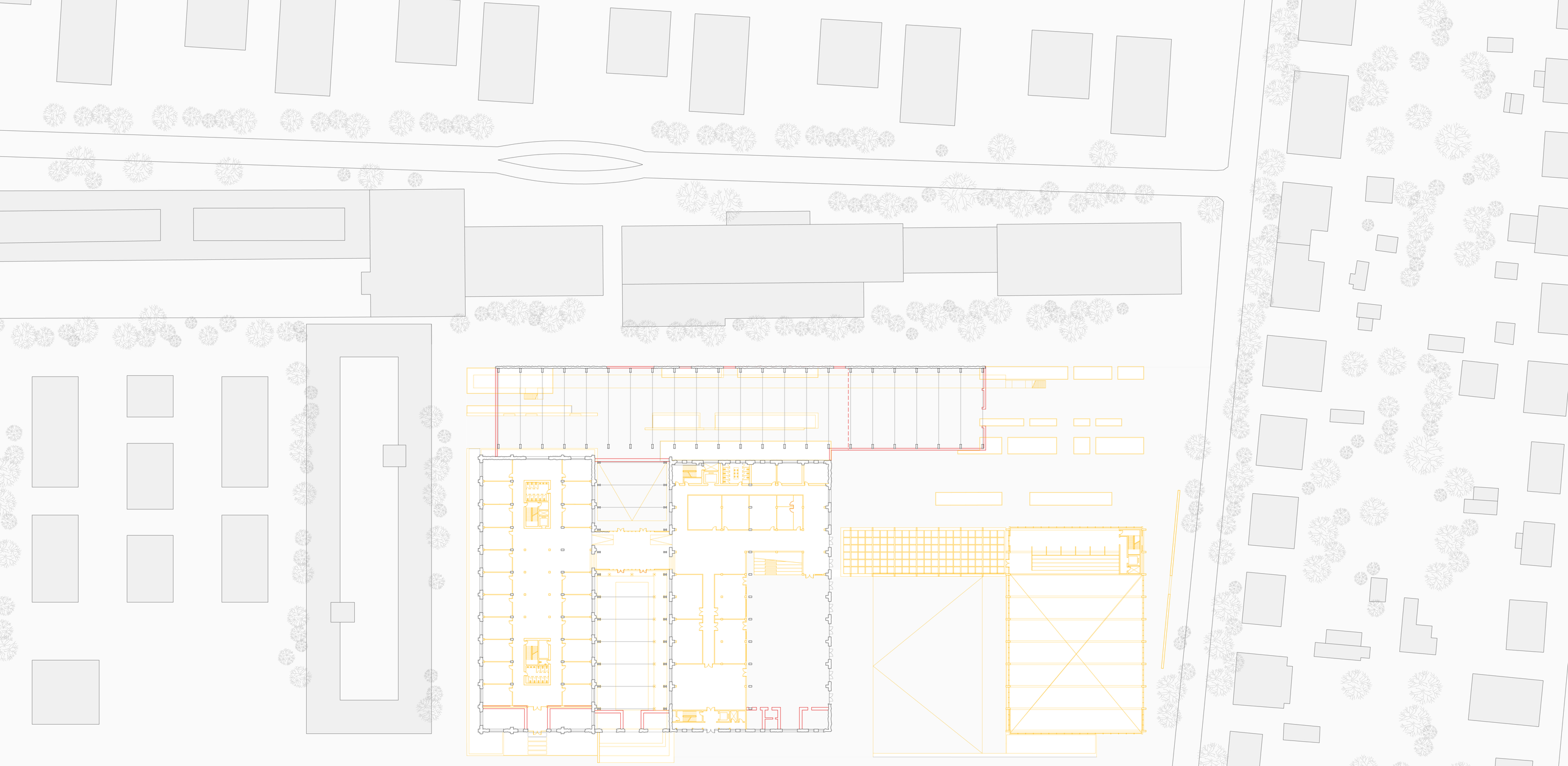
0 25 50 100m

1:1000 Urban Analysis

0 25 50 100m

1:500 Existing Plan

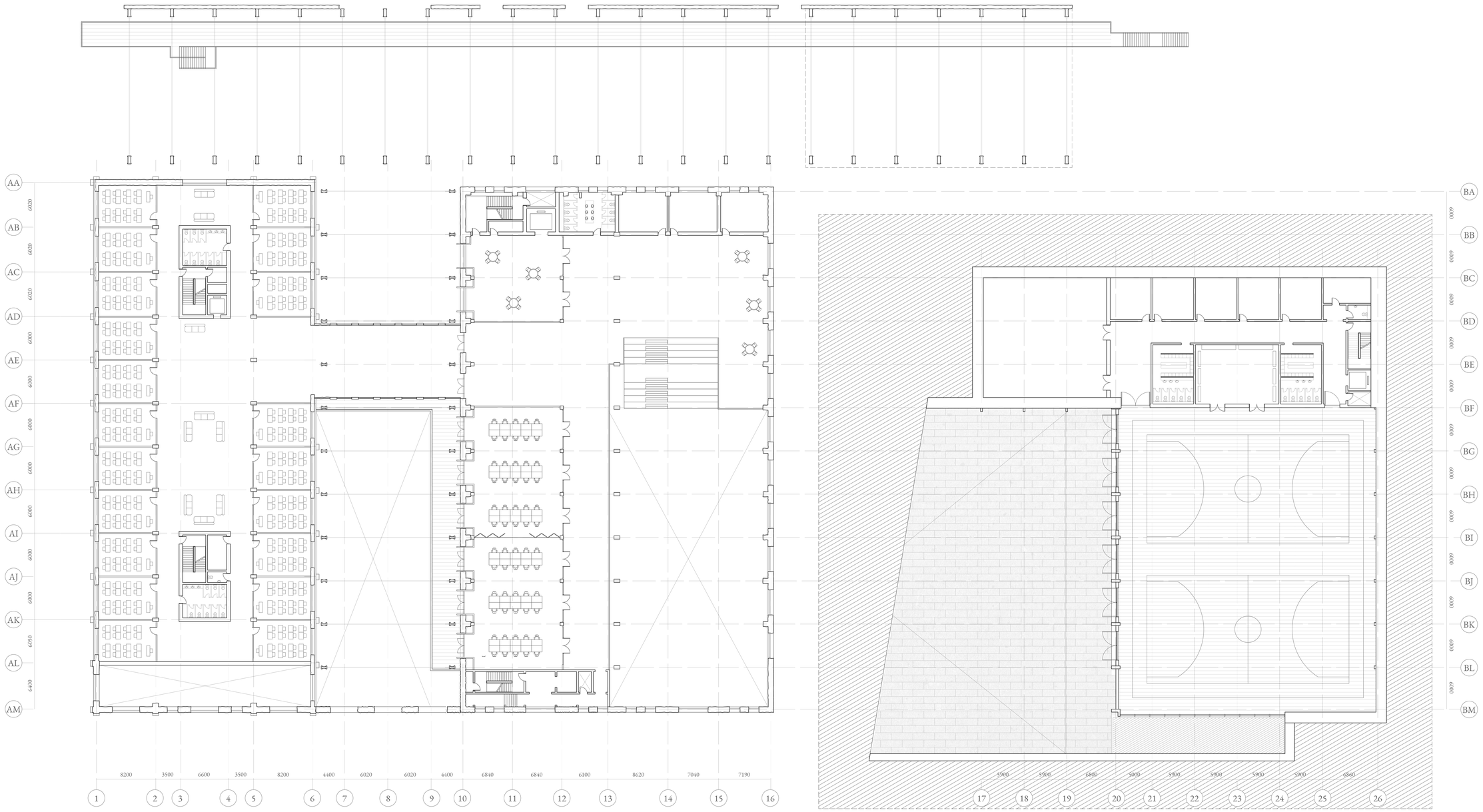
0 10 20 50m



1:500 Renovation Plan

0 10 20 50m


1:500 Site Plan
0
10
20
50m



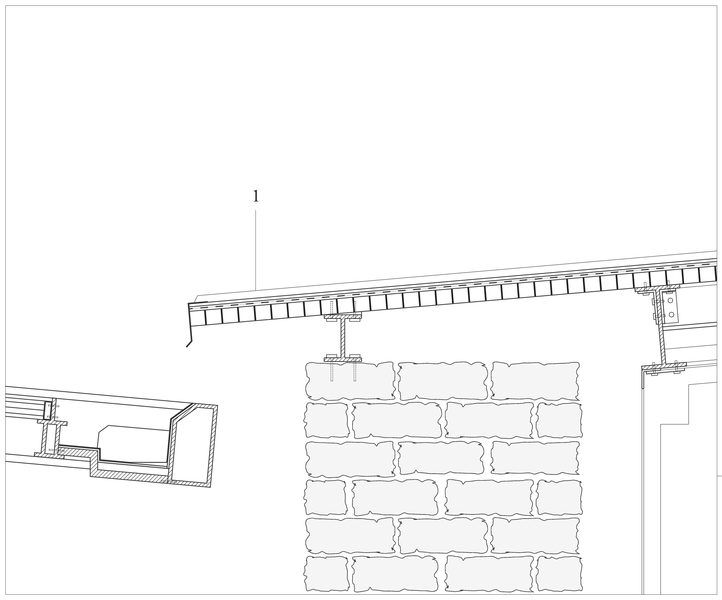
1:200 First Floor Plan (School) and Basement Plan (Gym Hall)

0 10 20 50m

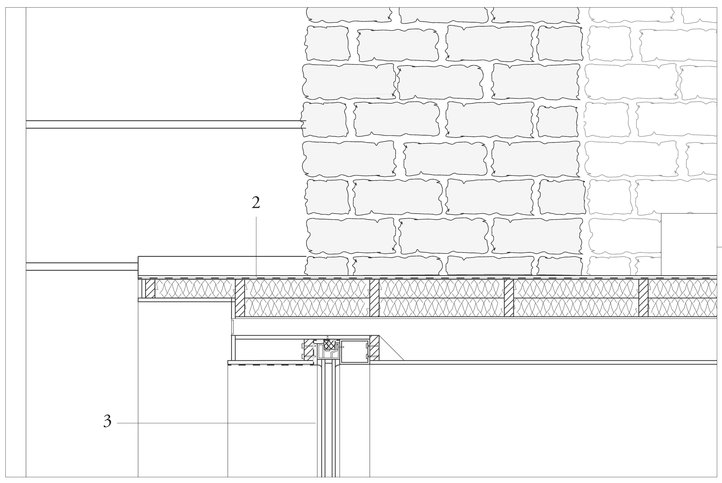


1:200 Ground Floor Plan

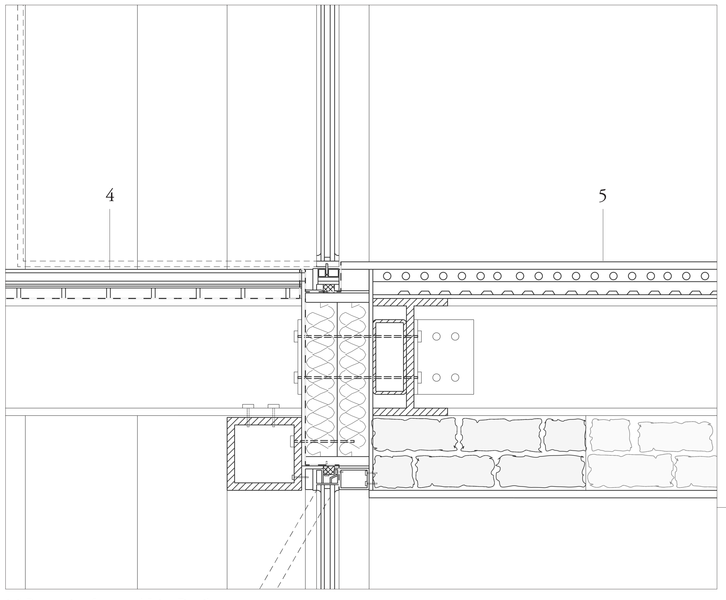
0 10 20 50m



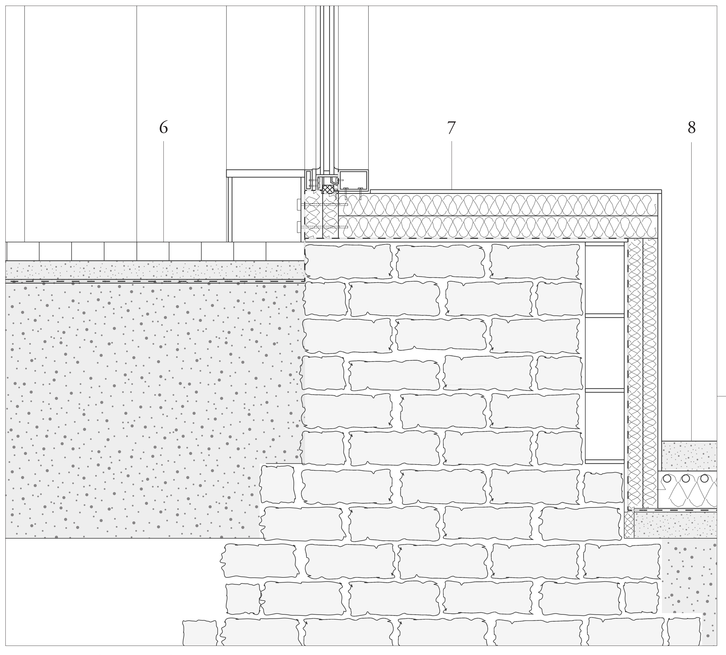
1:5 Roof Detail



1:5 Facade Opening Renovation Detail



1:5 Renovation Structural Joint Detail



1:5 Renovation Flooring Detail

1 0.7 mm standing seam zinc sheet
separating layer
polymer bitumen membrane
40 mm plywood board
220 mm steel beam roofing frame
existing zinc ceiling cover in between
on existing steel truss support

2 10 mm anodised aluminium sheet
vapour barrier
polymer bitumen waterproof membrane
100 mm cross timber beam structure
2 x 75 mm foam glass thermal insulation
45-120 mm air cavity for ventilation

3 double glazing 10 mm toughened safety glass
16 mm cavity
8 mm toughened safety glass
aluminium frame

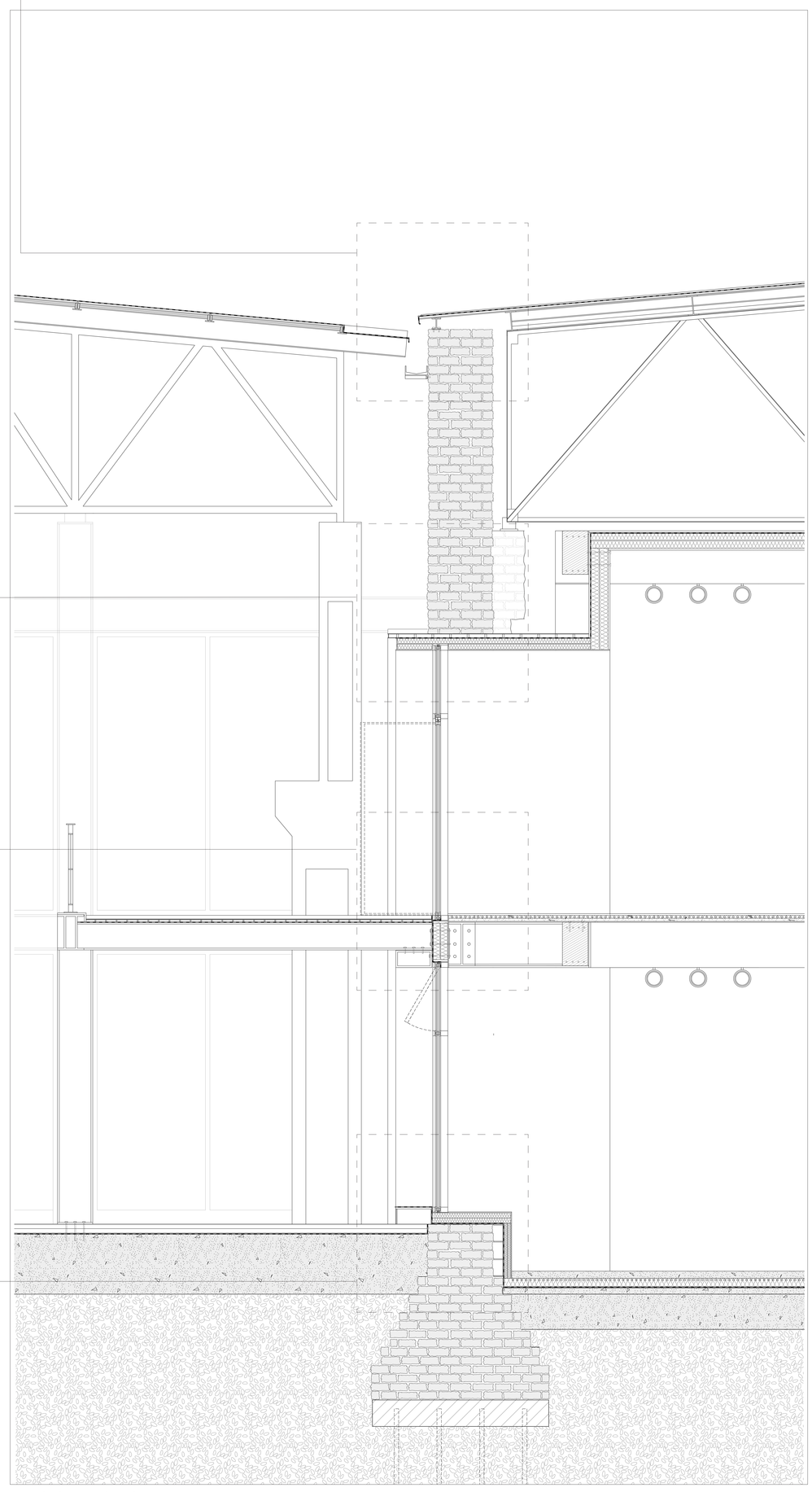
4 40 mm wooden plank flooring
polymer bitumen waterproof membrane
40 mm glulam board
30 mm cross timber beam structure
300 mm steel beam

5 epoxy resin coating
floor heating coil system in
100 mm concrete slab flooring
300 mm steel beam

6 50 mm limestone slab
50 mm sand bed
separating fleece
screed laid to falls
liquid bitumen seal
600 mm reinforced concrete slab

7 10 mm anodised aluminium sheet
2 x 75 mm foam glass thermal insulation
polymer bitumen waterproof membrane
20 mm plywood board
mortar bed
existing stone brick wall structure

8 epoxy resin coating
100 mm concrete slab flooring
floor heating coil system in
150 mm floor insulation
liquid bitumen seal
screed laid to falls
300 mm reinforced concrete slab



1:20 School Frontyard Facade Section

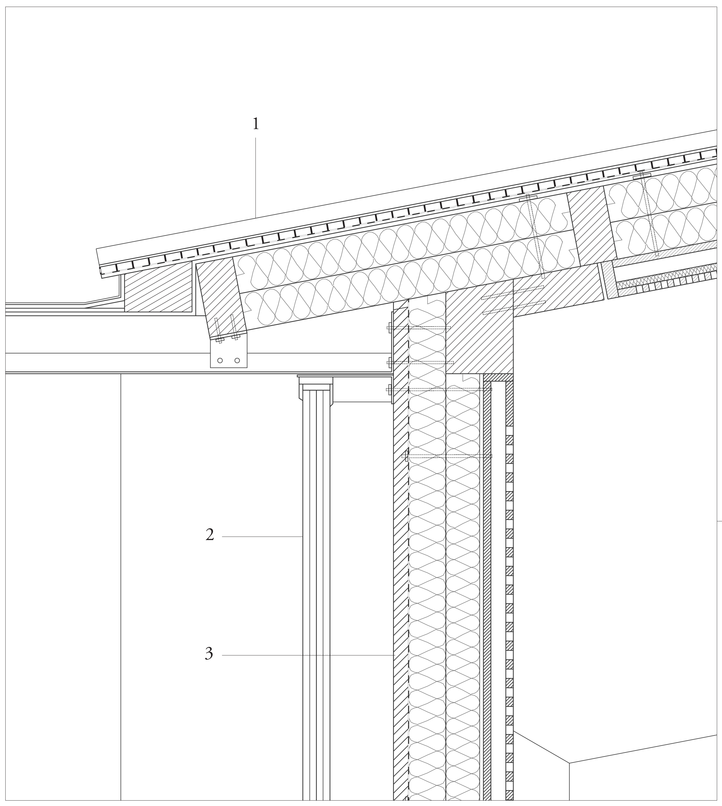
1 0.7 mm standing seam zinc sheet
separating layer
polymer bitumen membrane
40 mm plywood board
vapour barrier
cross 200 x 100 mm glulam beam
2 x 100 mm foam glass thermal insulation
220 mm timber hollow box ceiling element with integrated soundproofing,
visible acoustic perforation

2 60 x 495 mm recycled polycarbonate
multi-wall sheet, light-diffusing

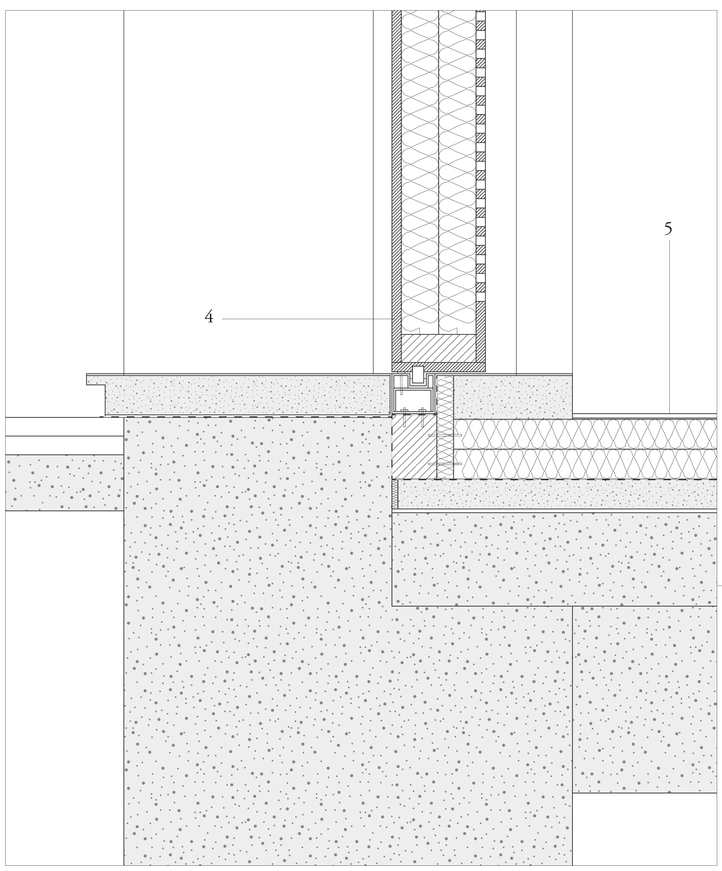
3 40 mm glulam board
polymer bitumen membrane
vapour barrier
2 x 100 mm foam glass thermal insulation
80 mm timber MDF acoustic panel,
visible acoustic perforation

4 door infill:
40 mm glulam board
polymer bitumen membrane
vapour barrier
2 x 100 mm foam glass thermal insulation
40 mm timber MDF acoustic panel,
visible acoustic perforation

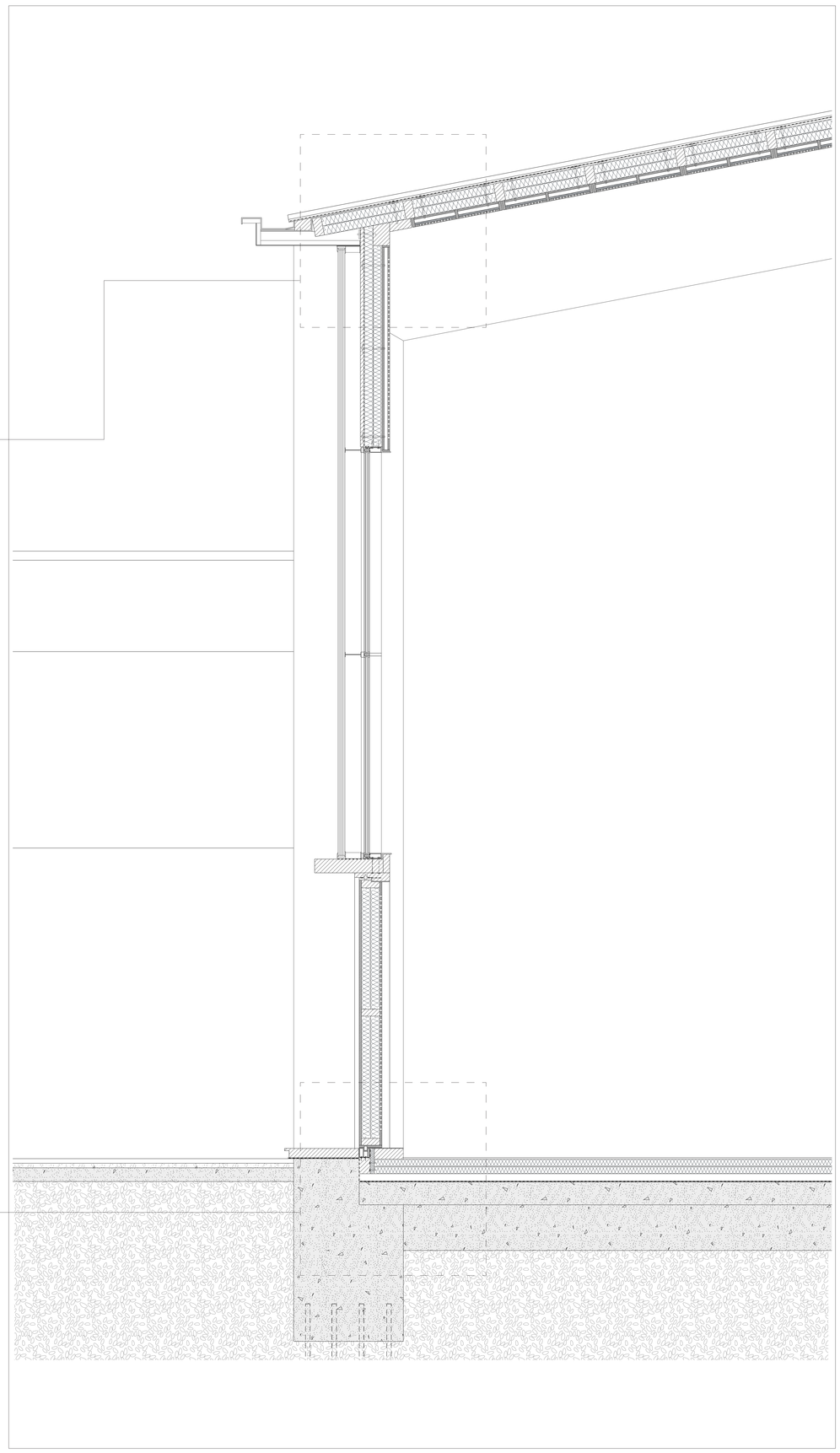
5 15 mm polyurethane flooring
2 x 50 mm thermal insulation
80 mm cement screed
3.5 mm moisture barrier
polythene separating layer
250 mm reinforced-concrete slab,
watertight



1:5 Sports Hall Roof Detail

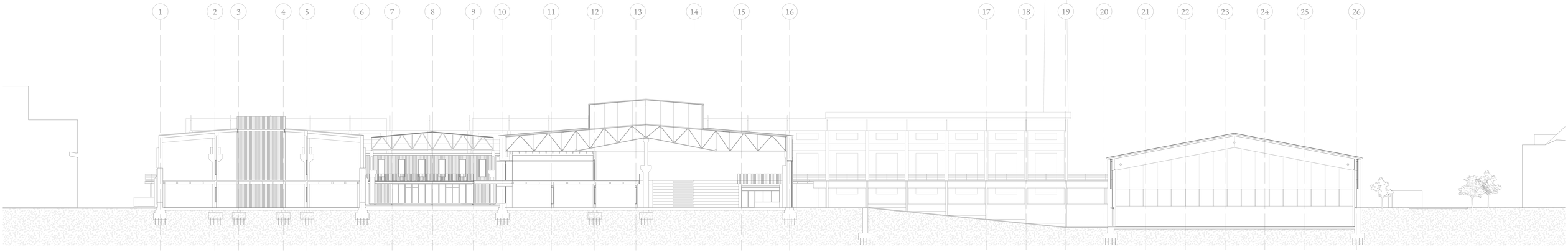


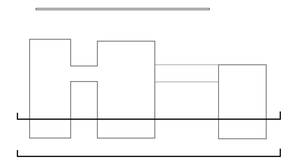
1:5 Sports Hall Flooring Detail



1:20 Sports Hall Facade Section

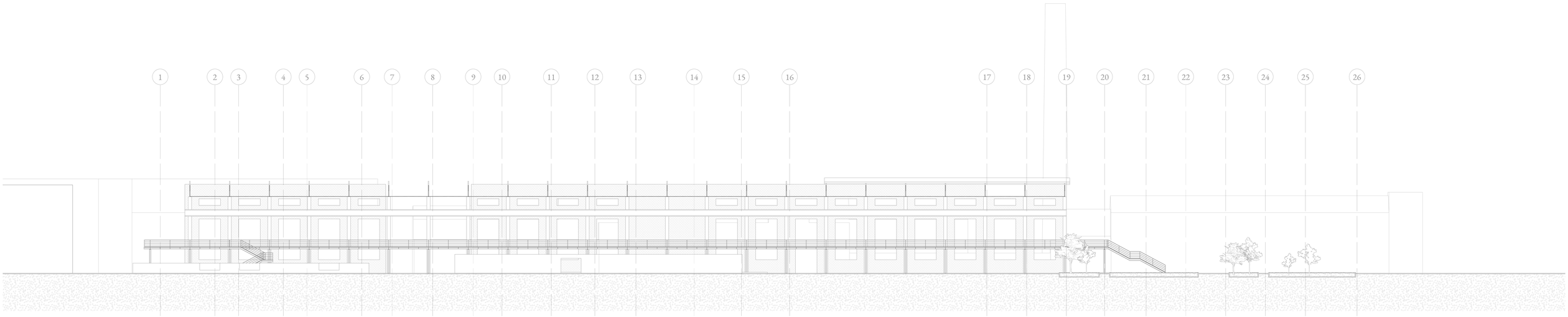


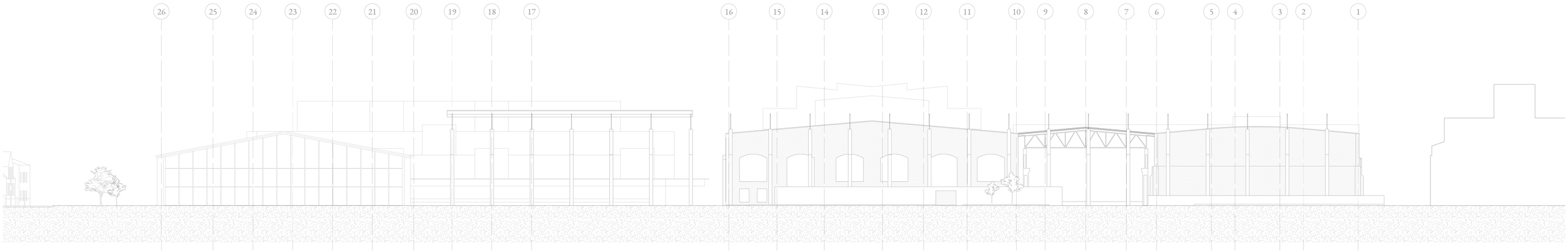


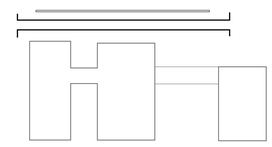


1:200 Campus Southwest Elevation (Top) and Section (Bottom)

0 10 20 50m

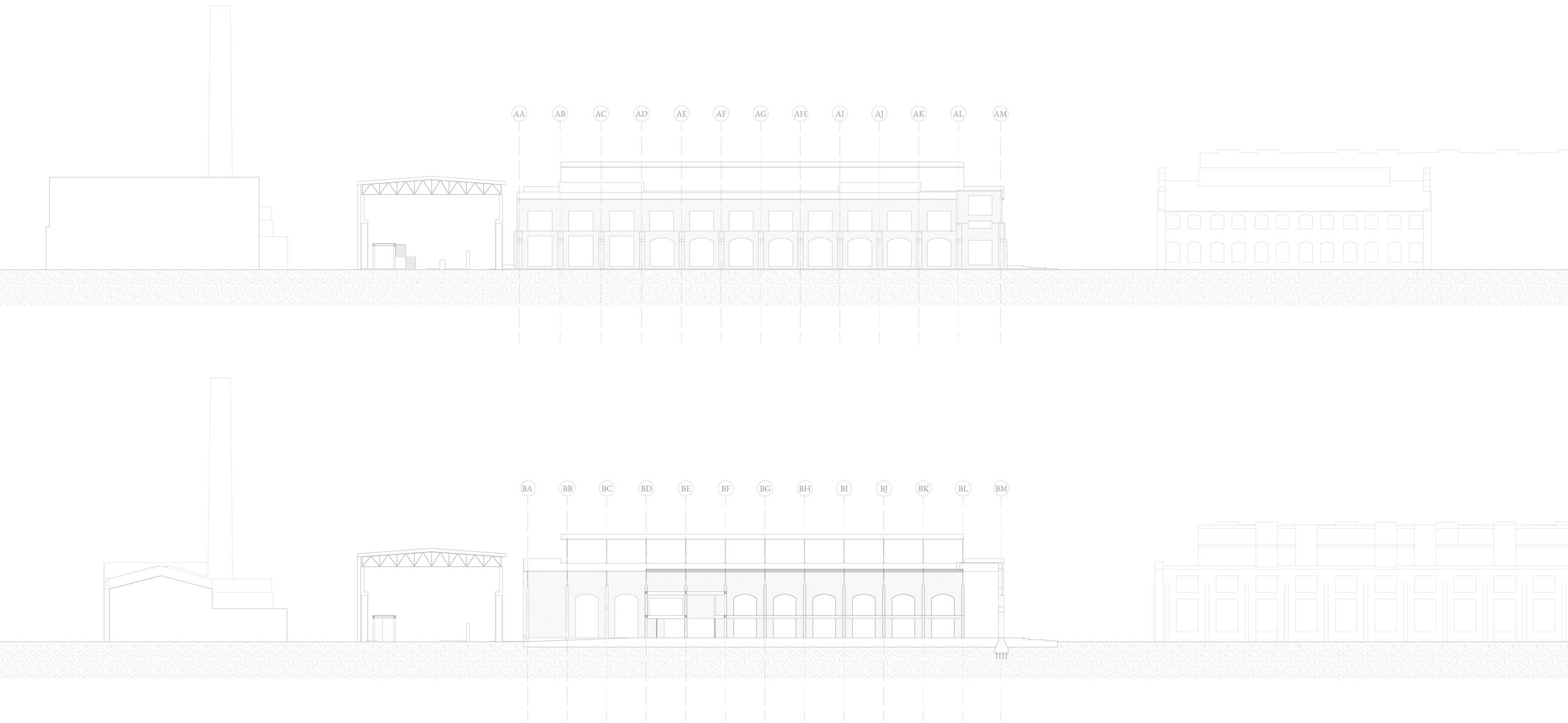






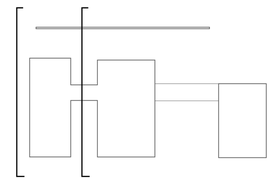
1:200 Warehouse Garden Southwest Elevation (Top) and Northeast Elevation (Bottom)

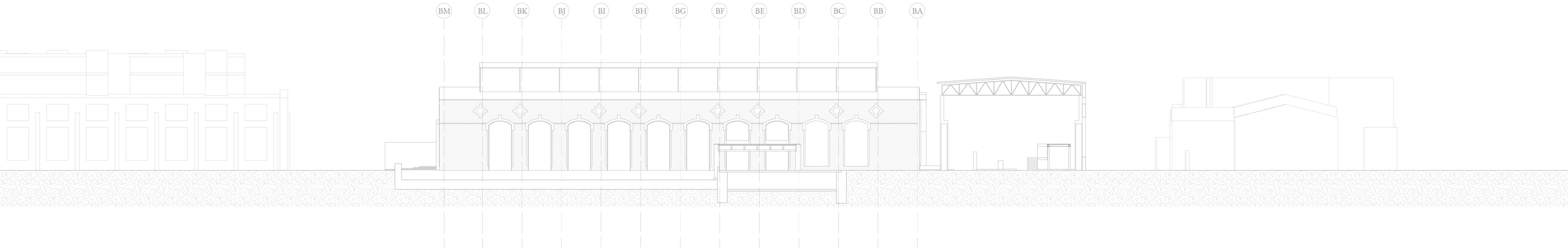
0 10 20 50m

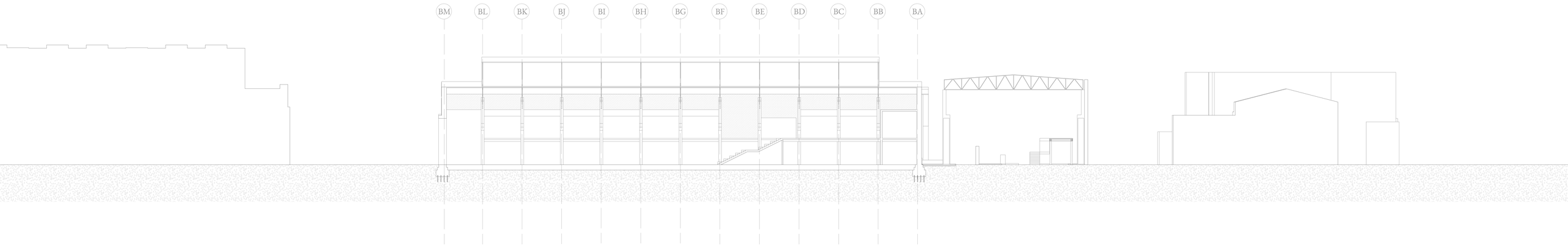


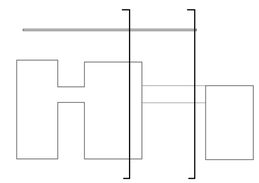
1:200 Campus Northwest Elevation (Top) and Section (Bottom)

0 10 20 50m



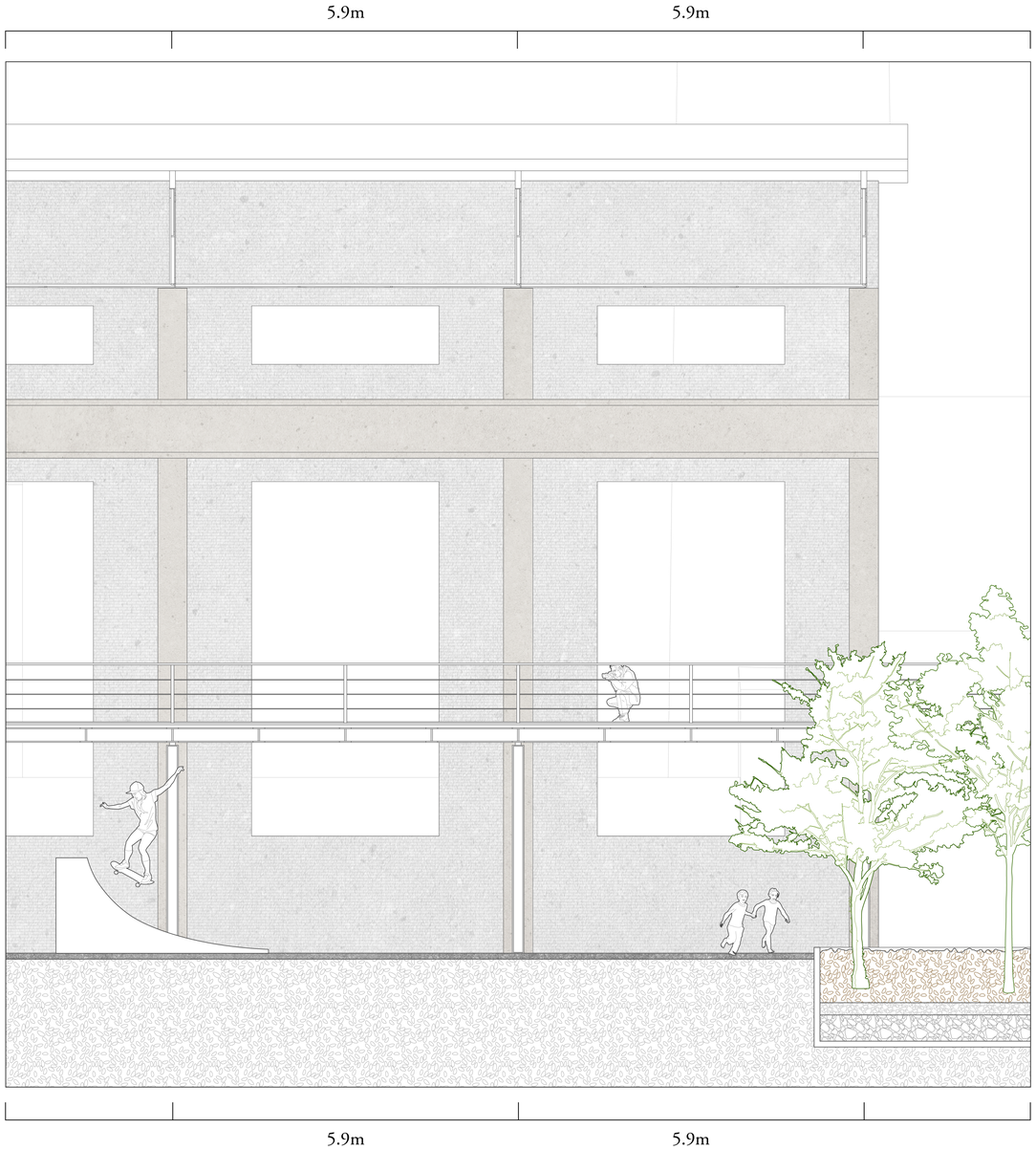


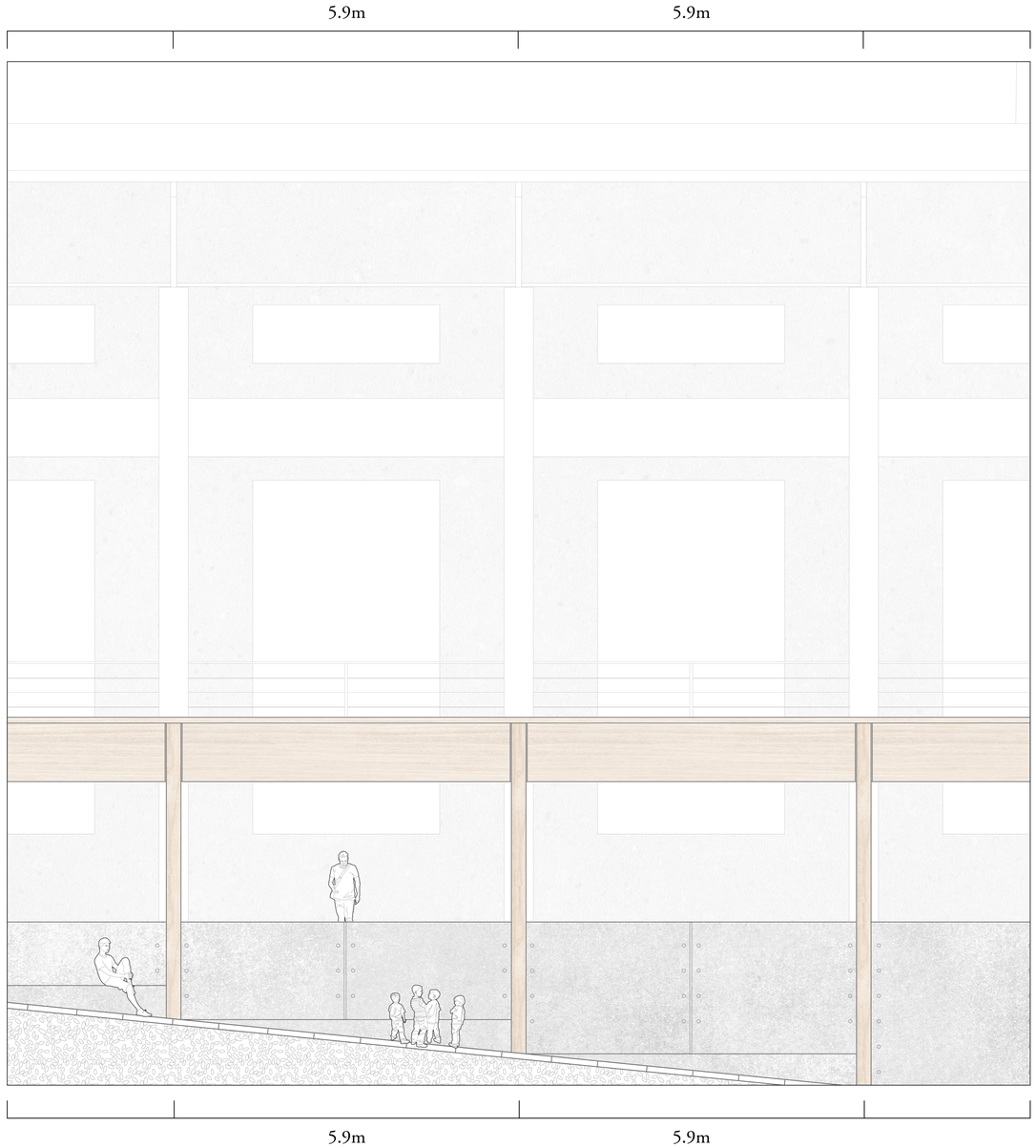


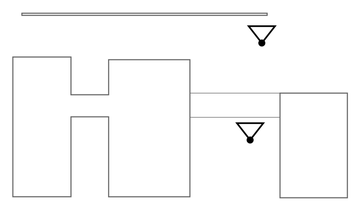


1:200 Campus Southeast Elevation (Top) and Section (Bottom)

0 10 20 50m

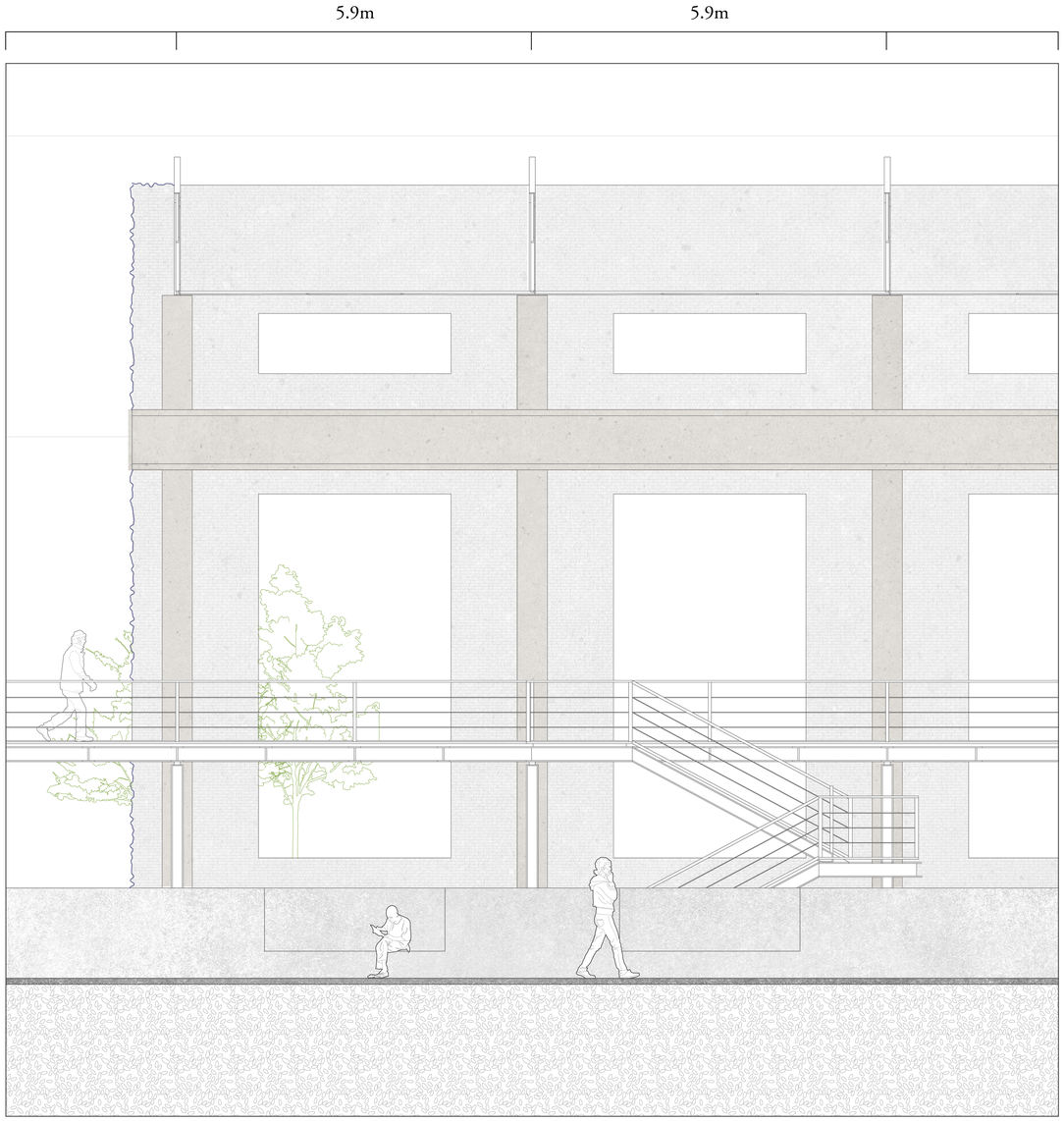


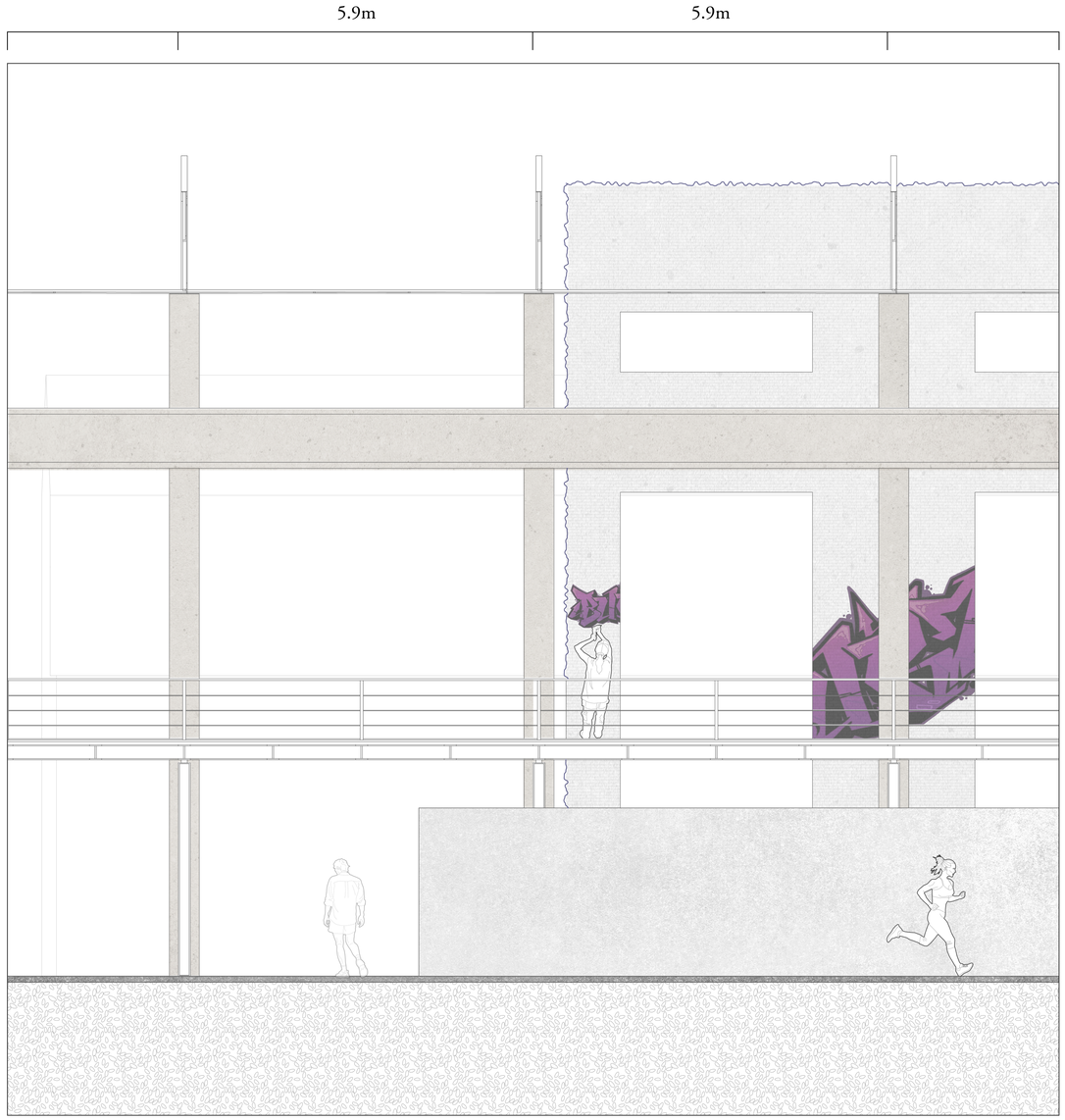


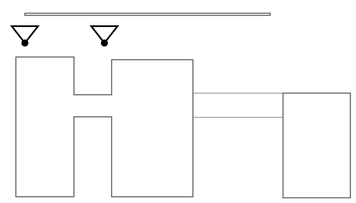


1:50 Partial Elvation Series



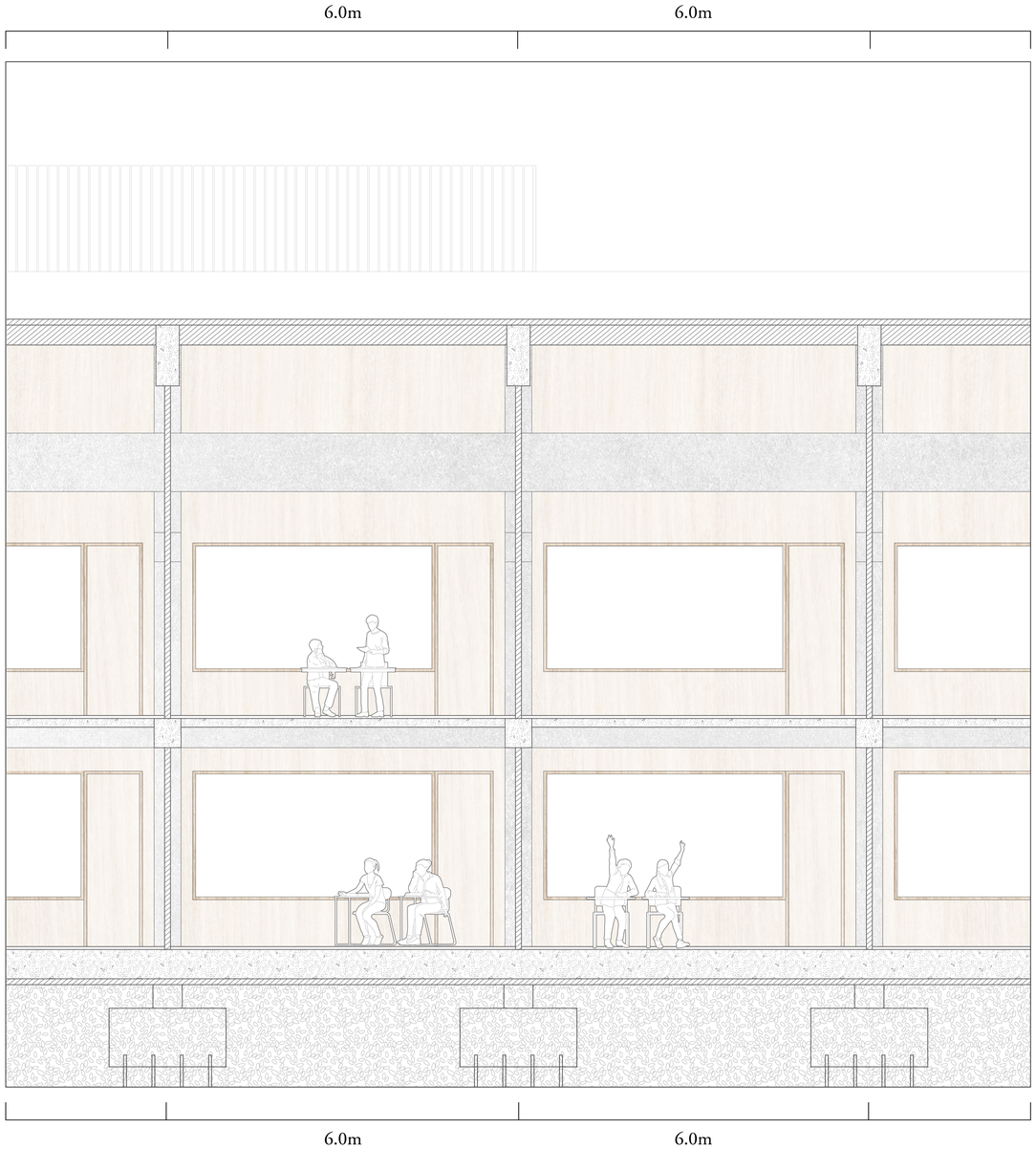


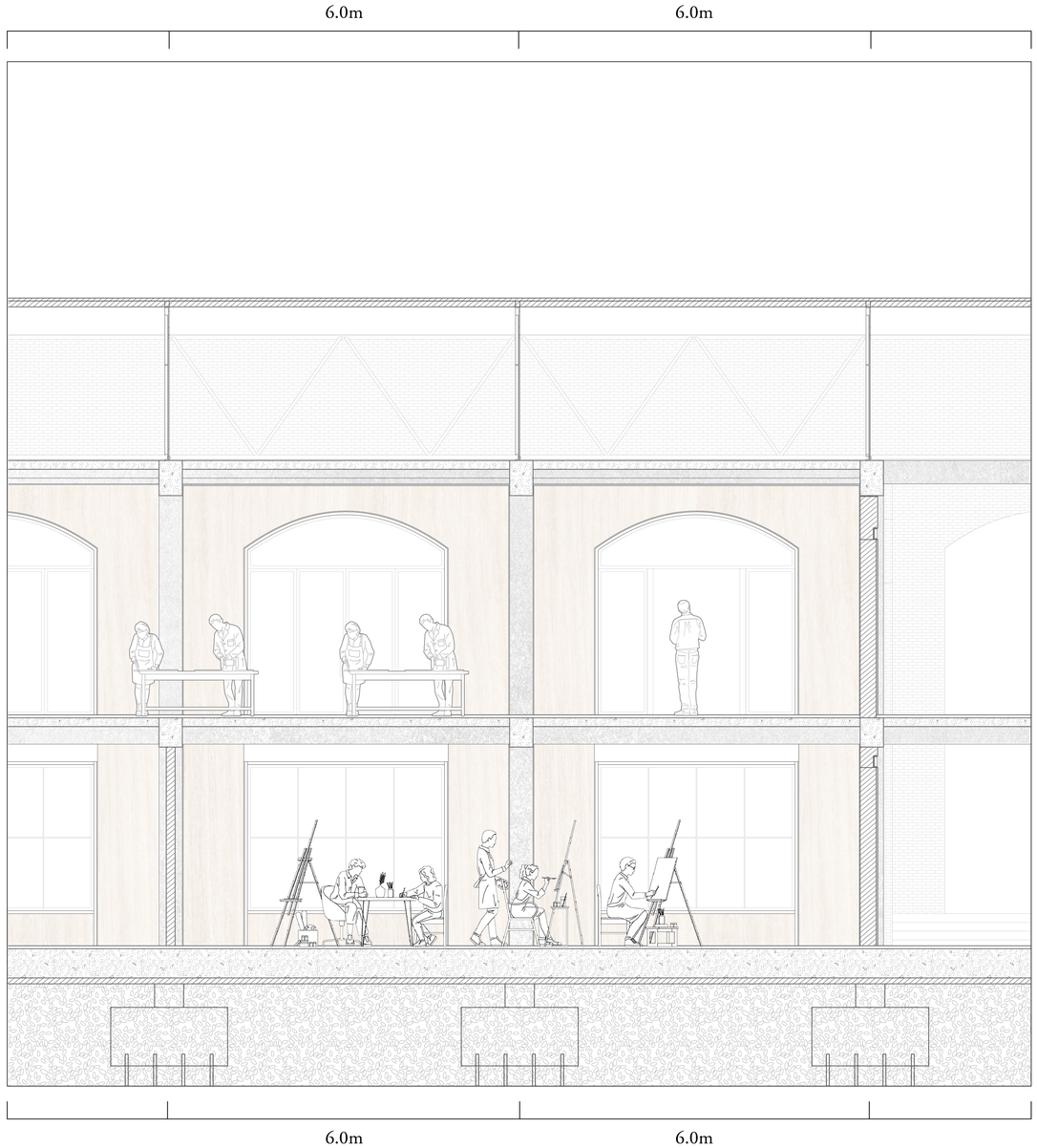




1:50 Partial Elvation Series

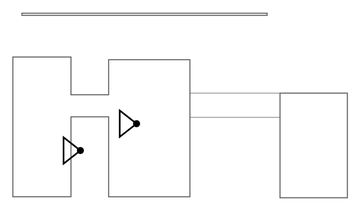


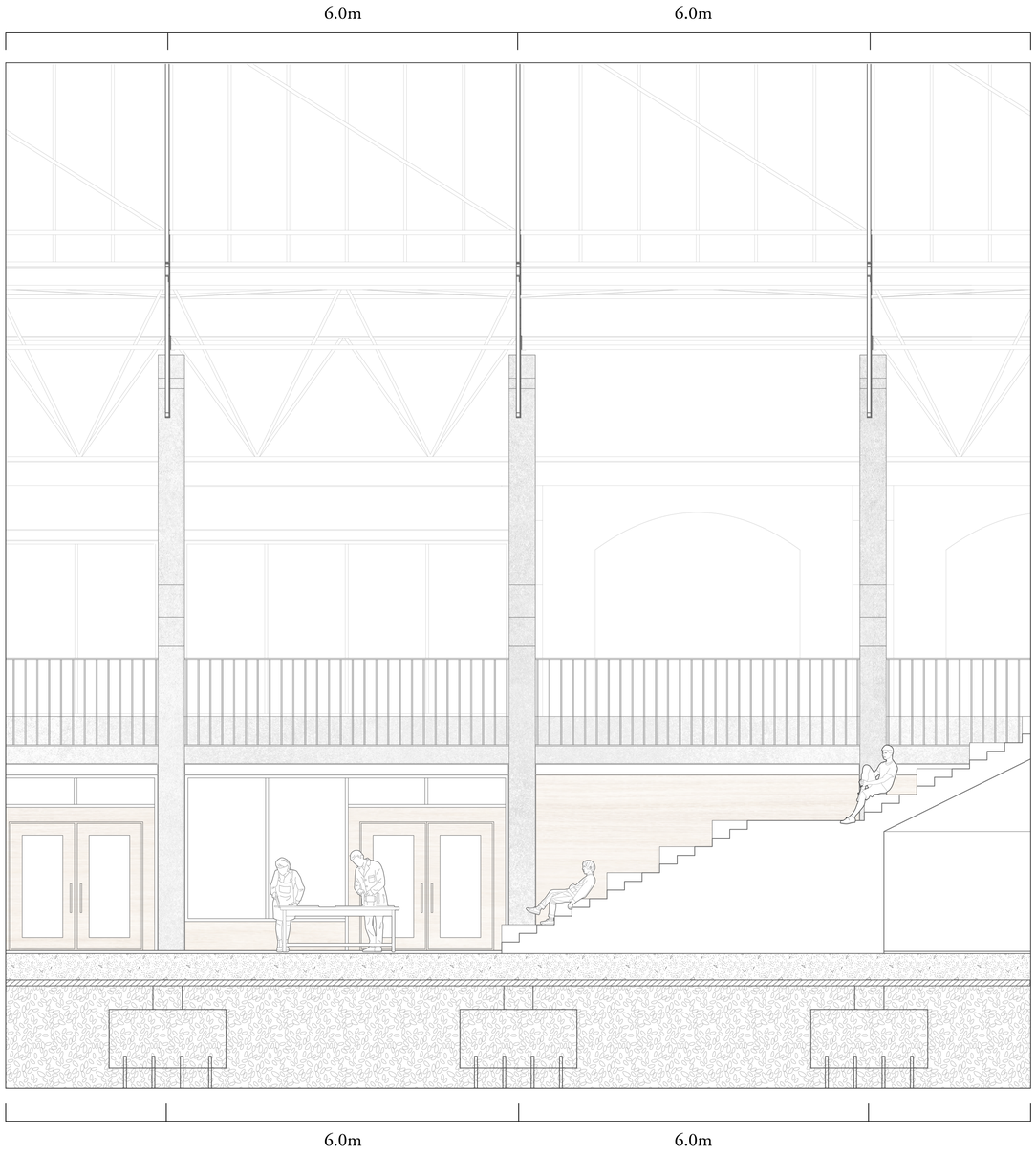


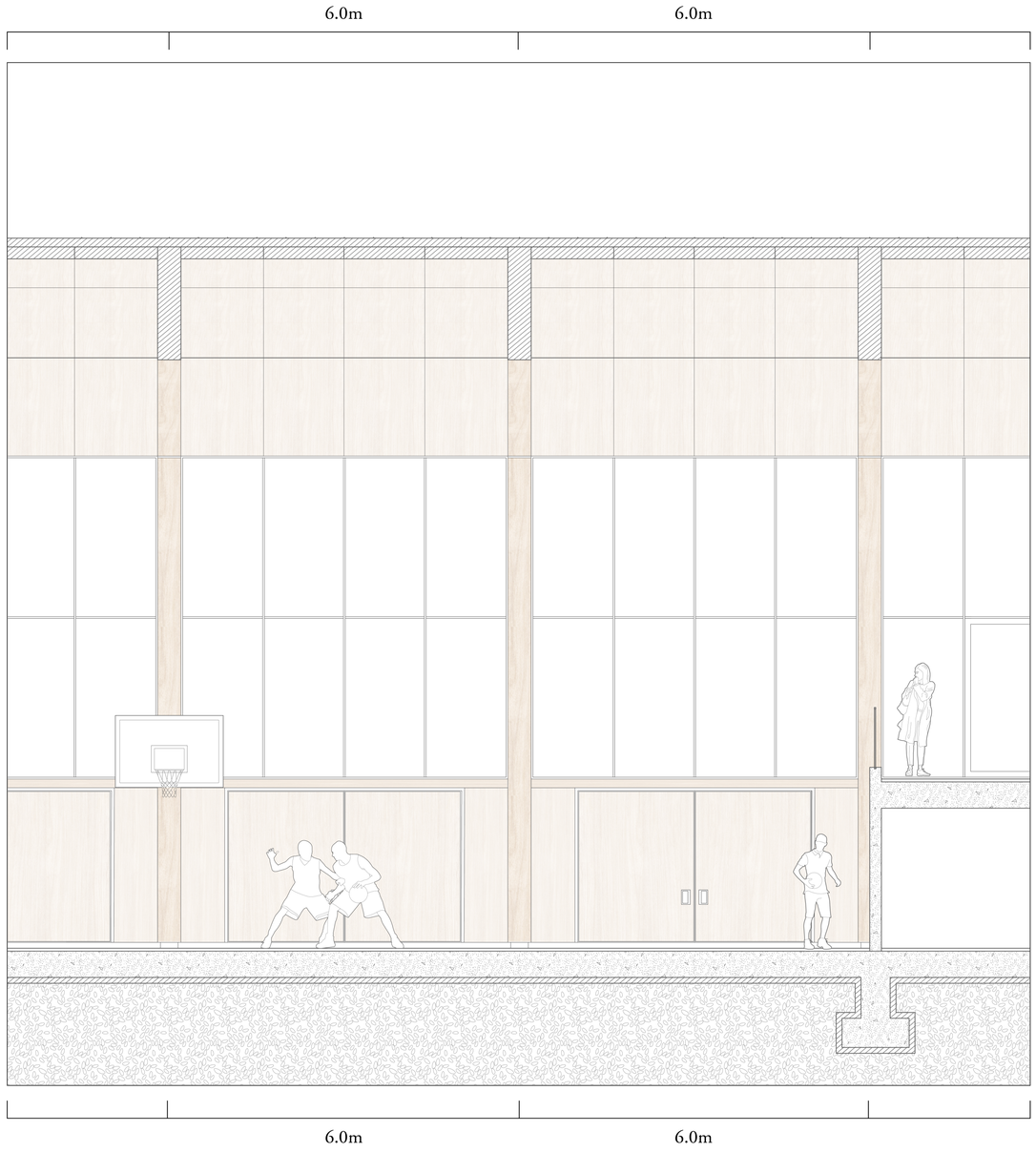


1:50 Partial Elvation Series

0 1 2 5m

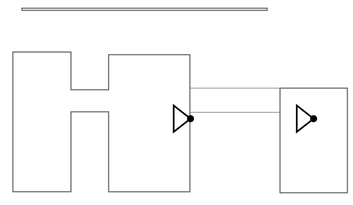


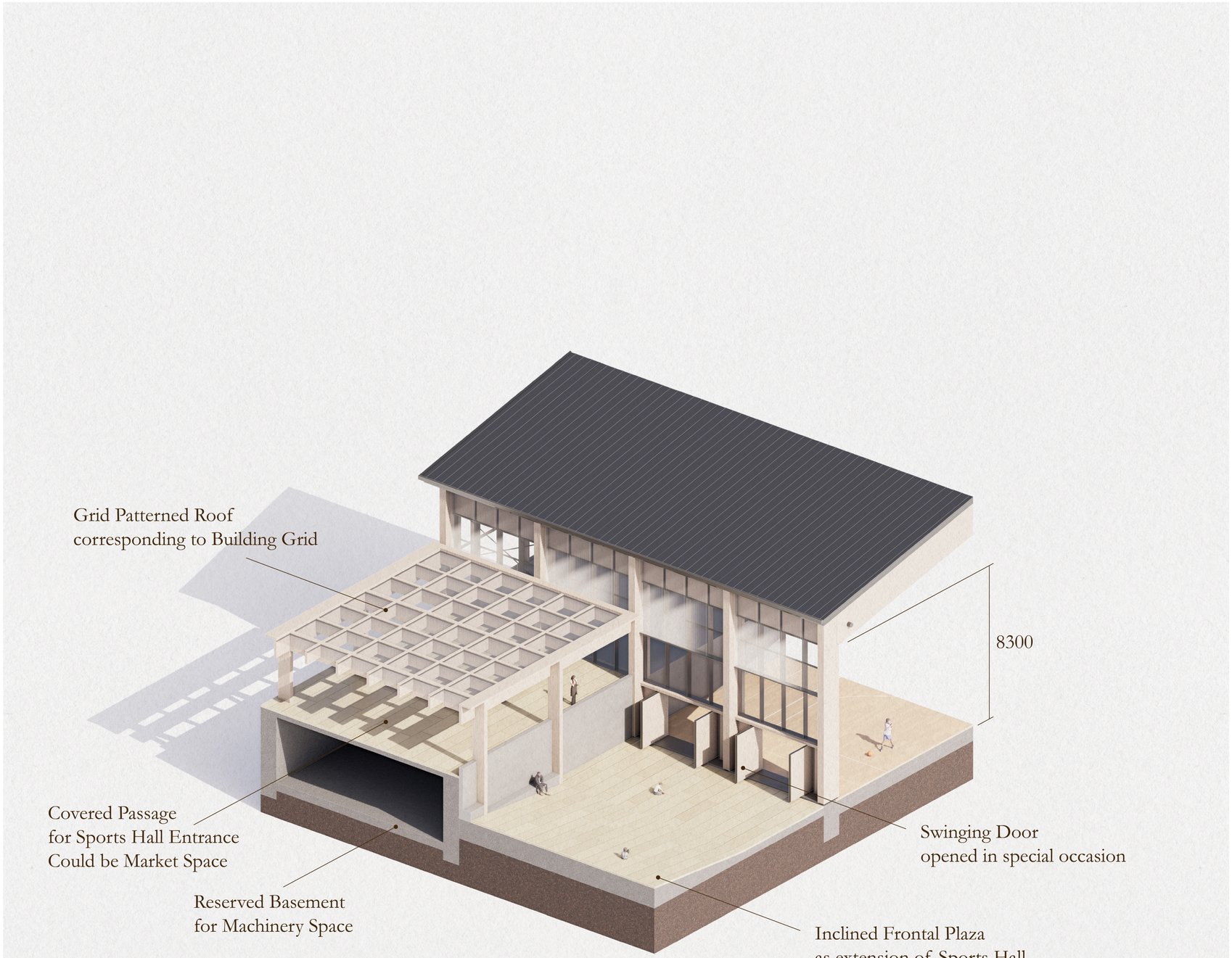


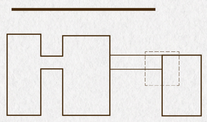


1:50 Partial Elvation Series

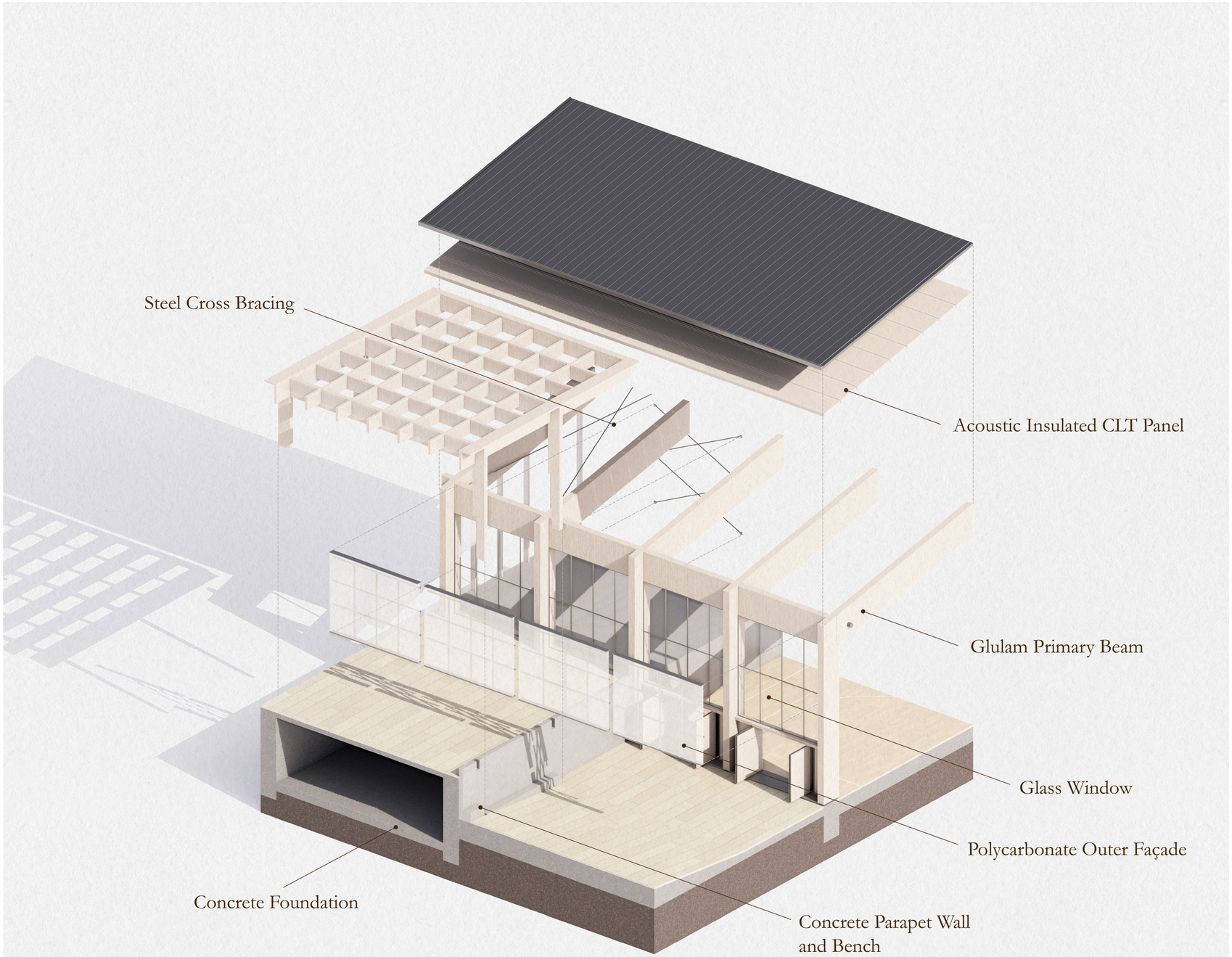
0 1 2 5m



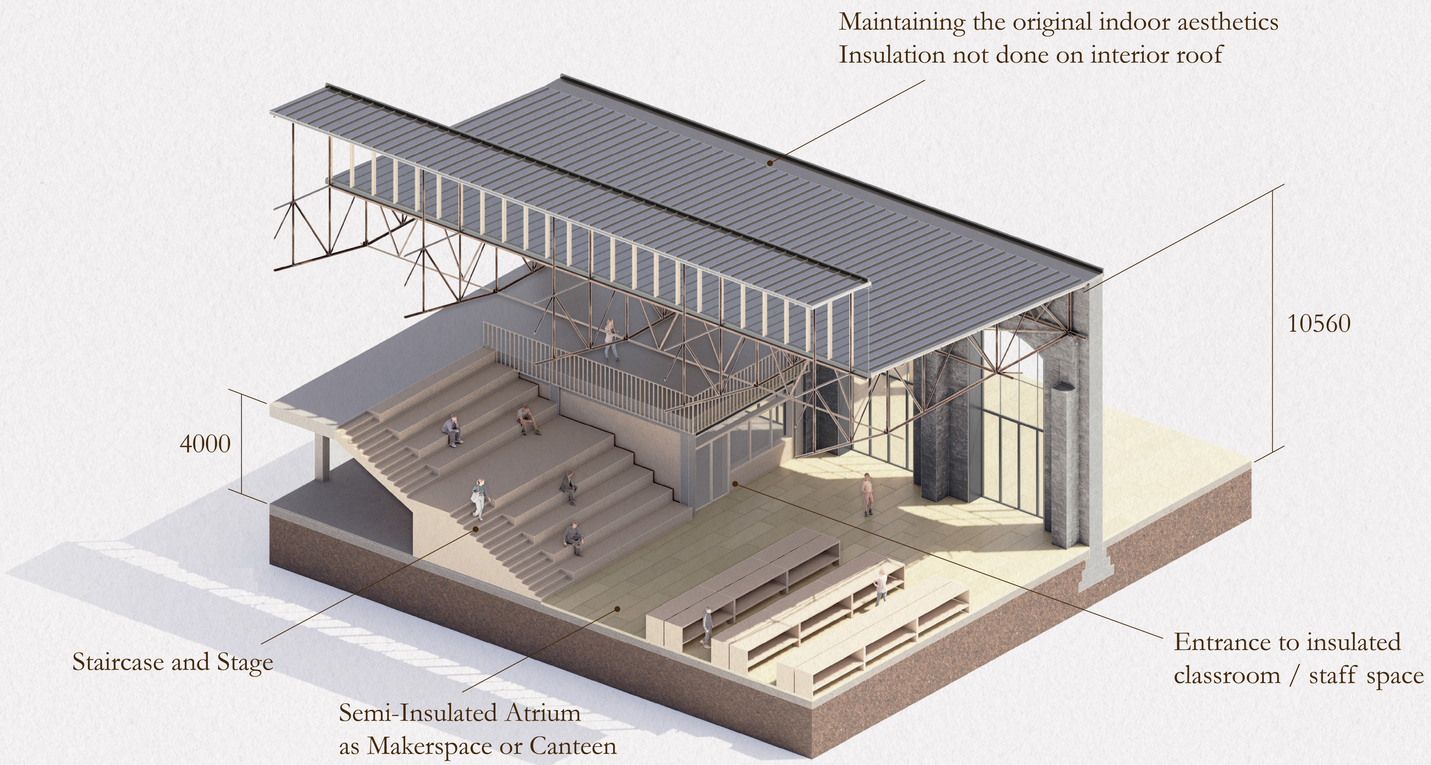


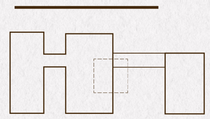


Sports Hall Axonometric

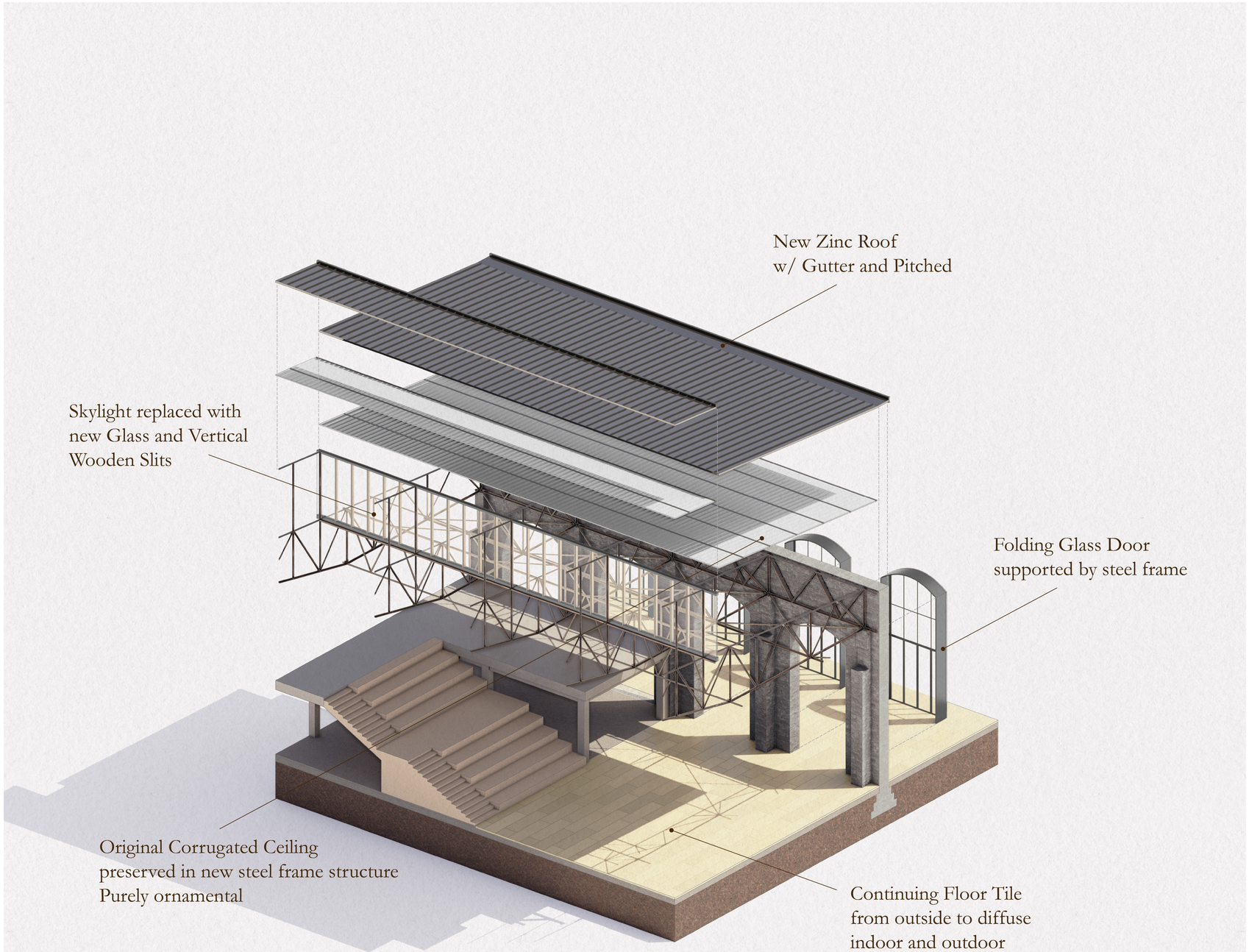


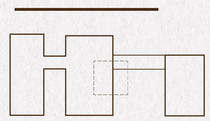
Sports Hall Exploded Axonometric



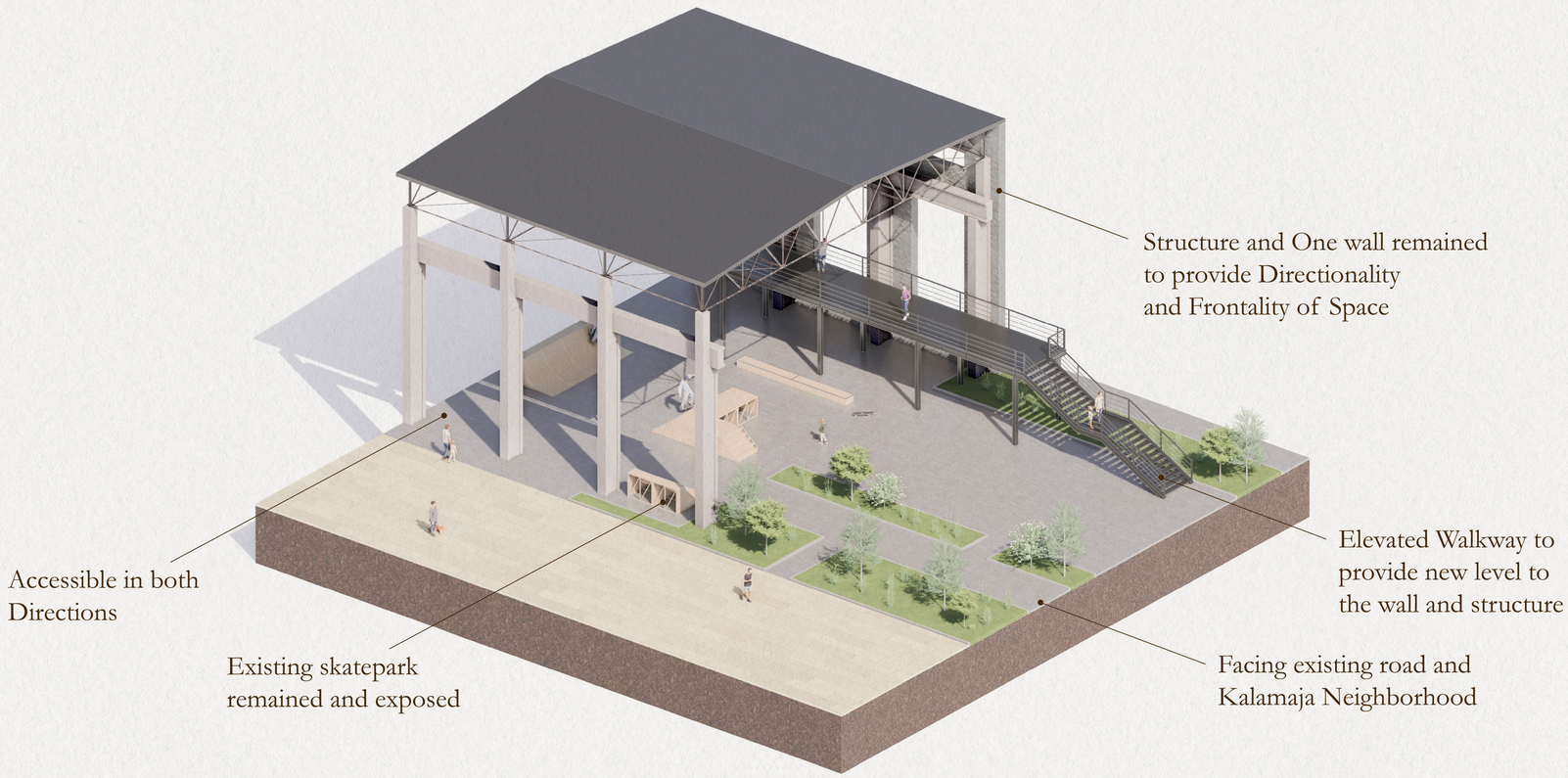


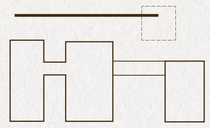
Workshop Block Axonometric



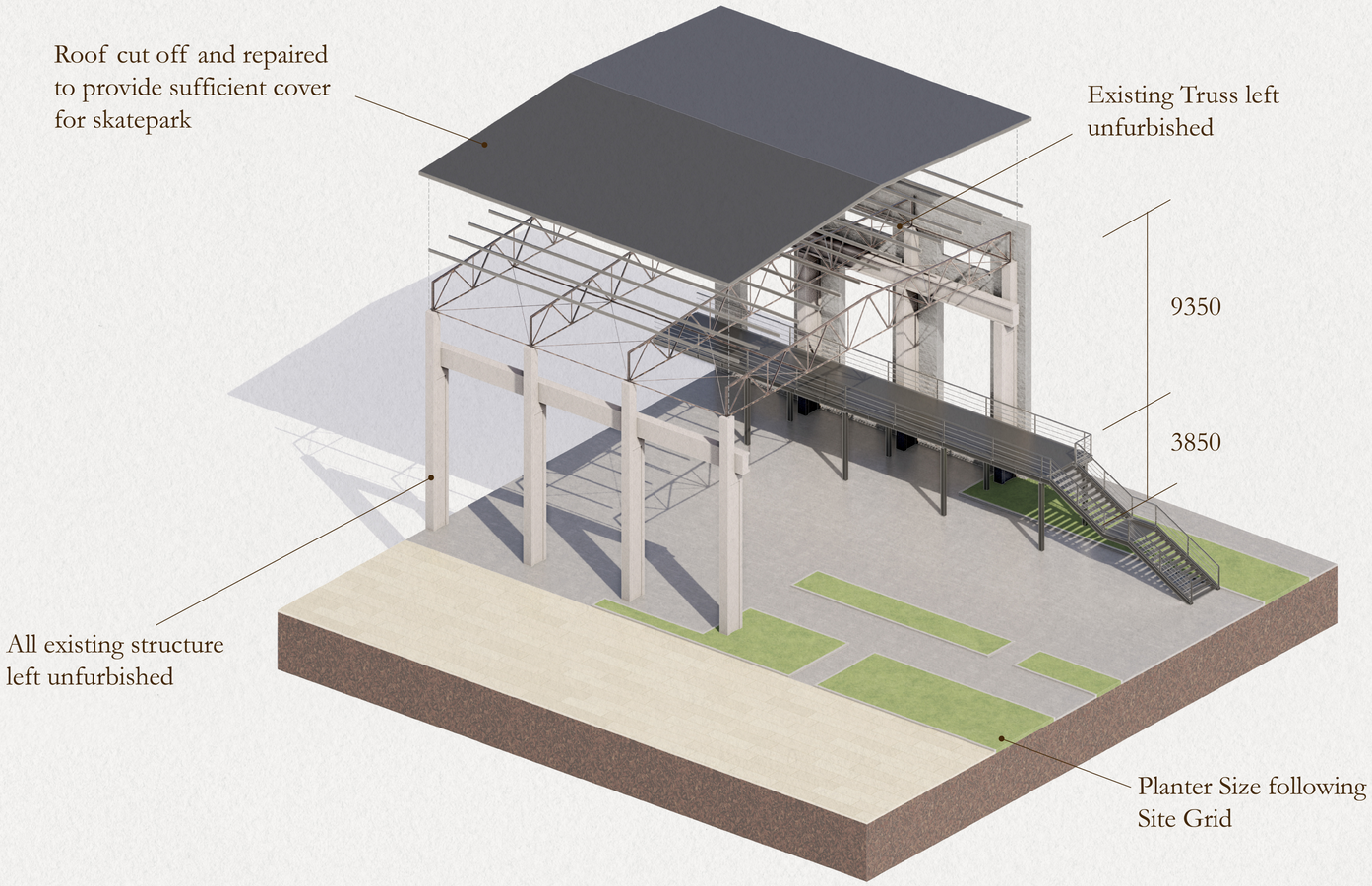


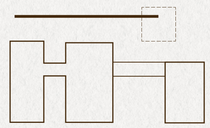
Workshop Block Exploded Axonometric





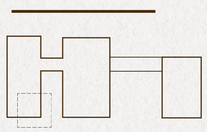
Warehouse Garden Axonometric



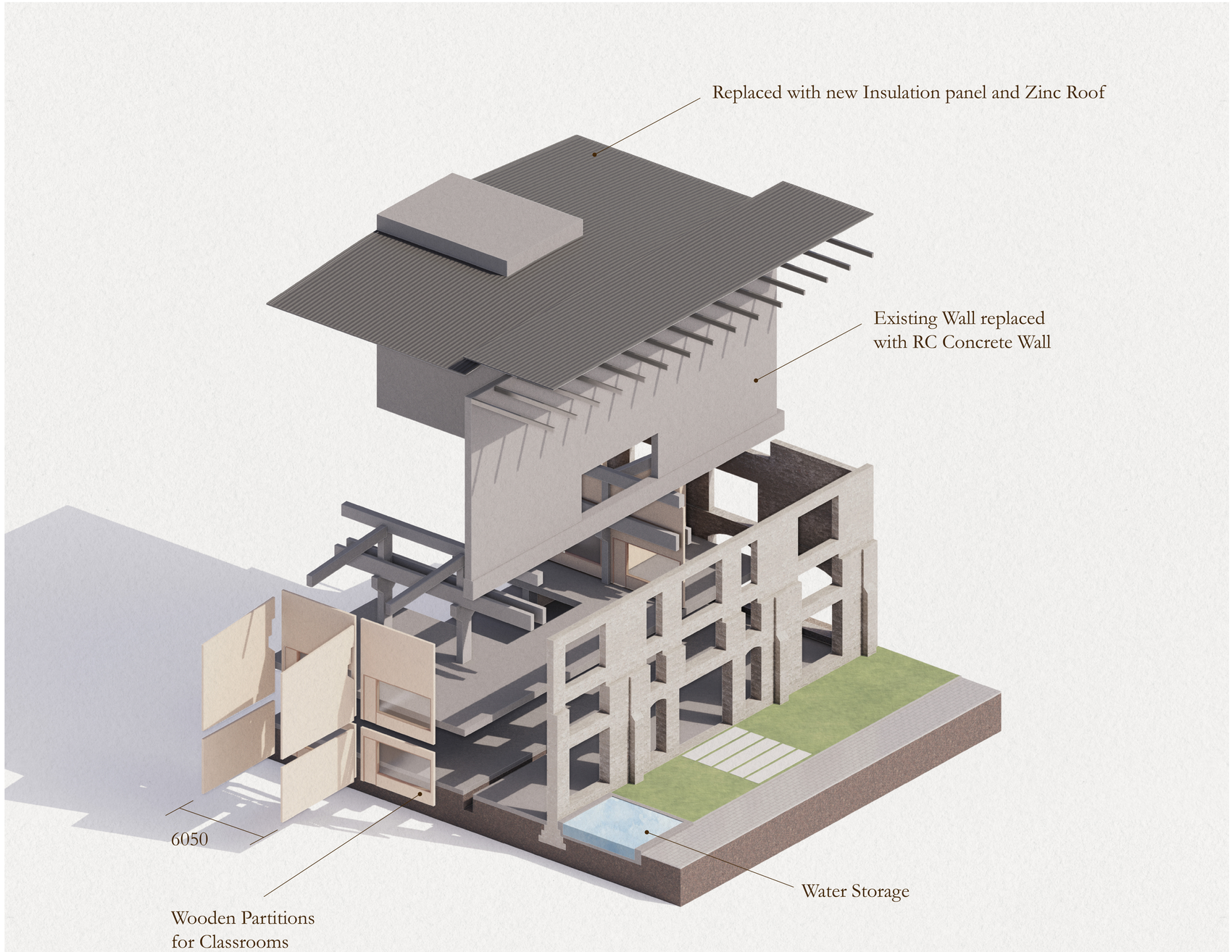


Warehouse Garden Exploded Axonometric





Classroom Block Axonometric



Classroom Block Exploded Axonometric

