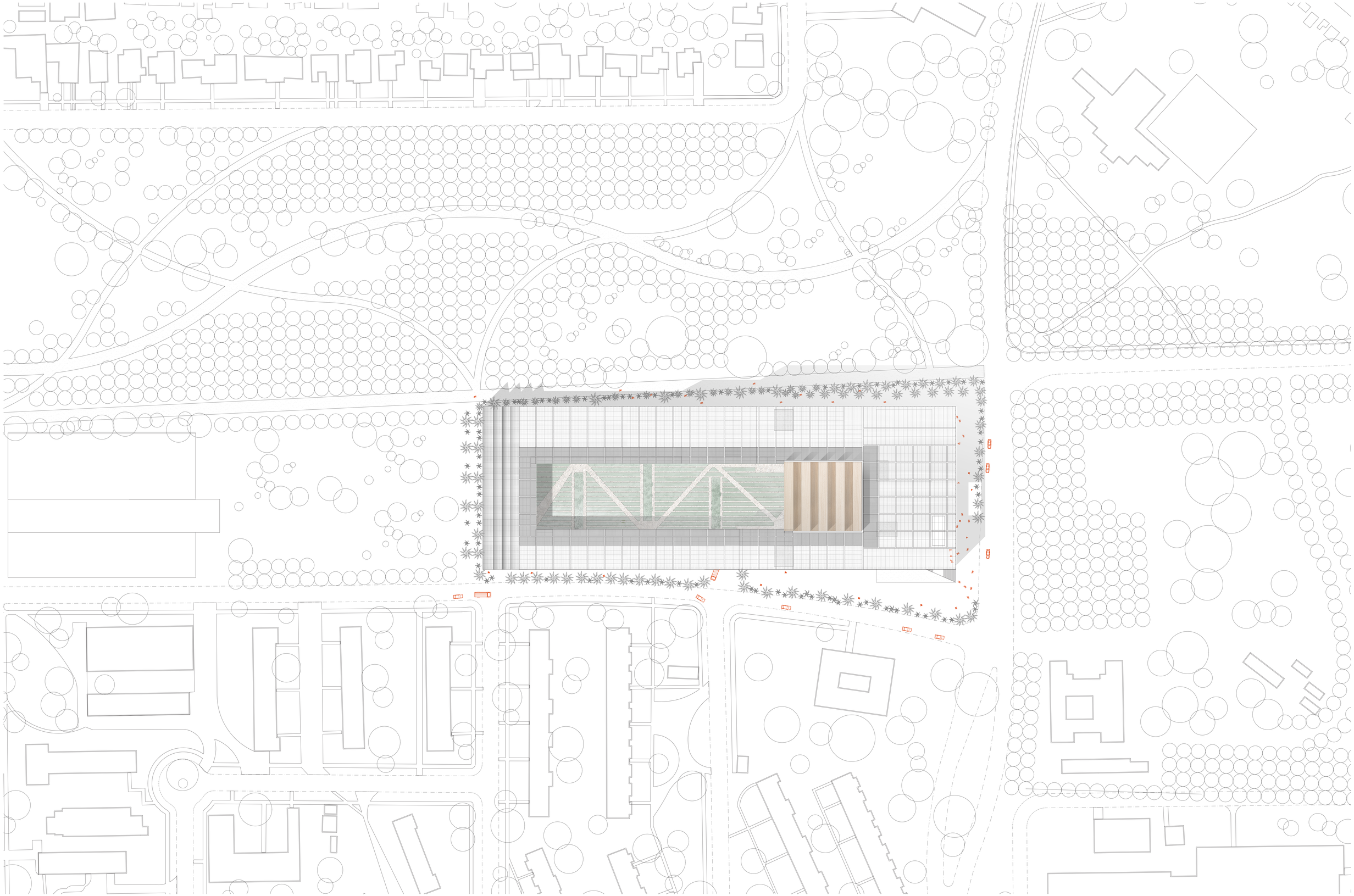
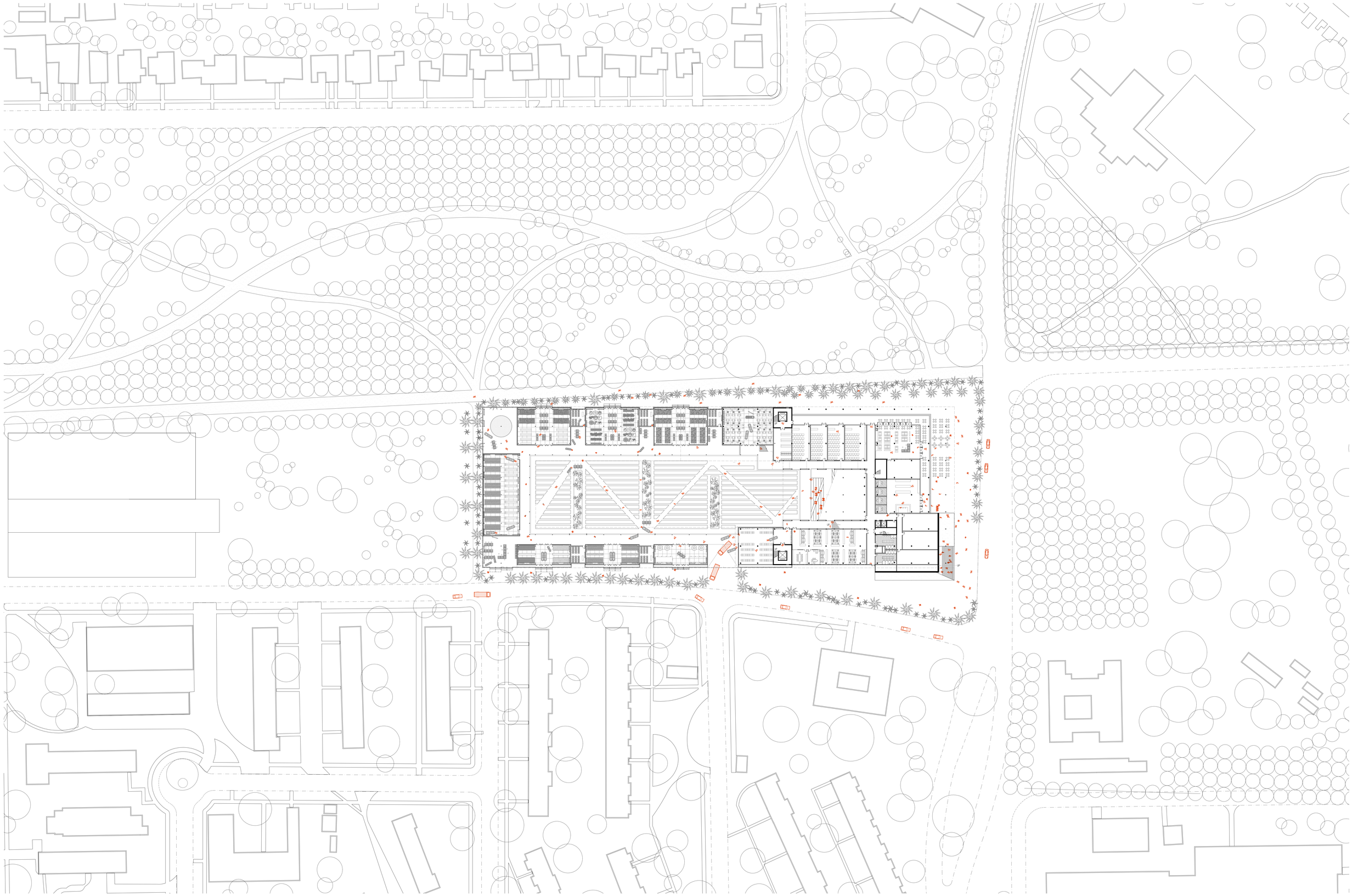
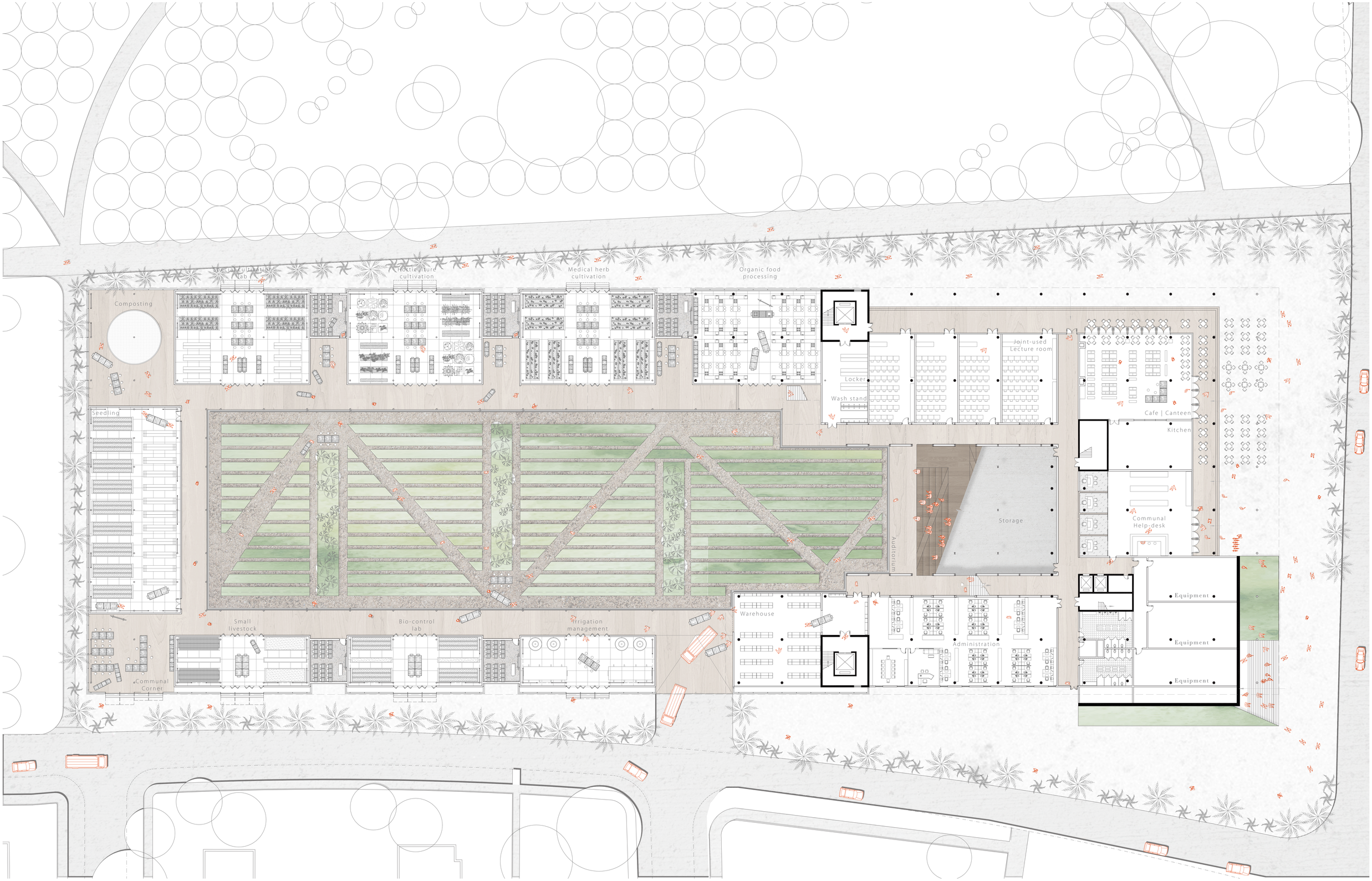

0
5M
25M
50M



Urban Implementation Plan

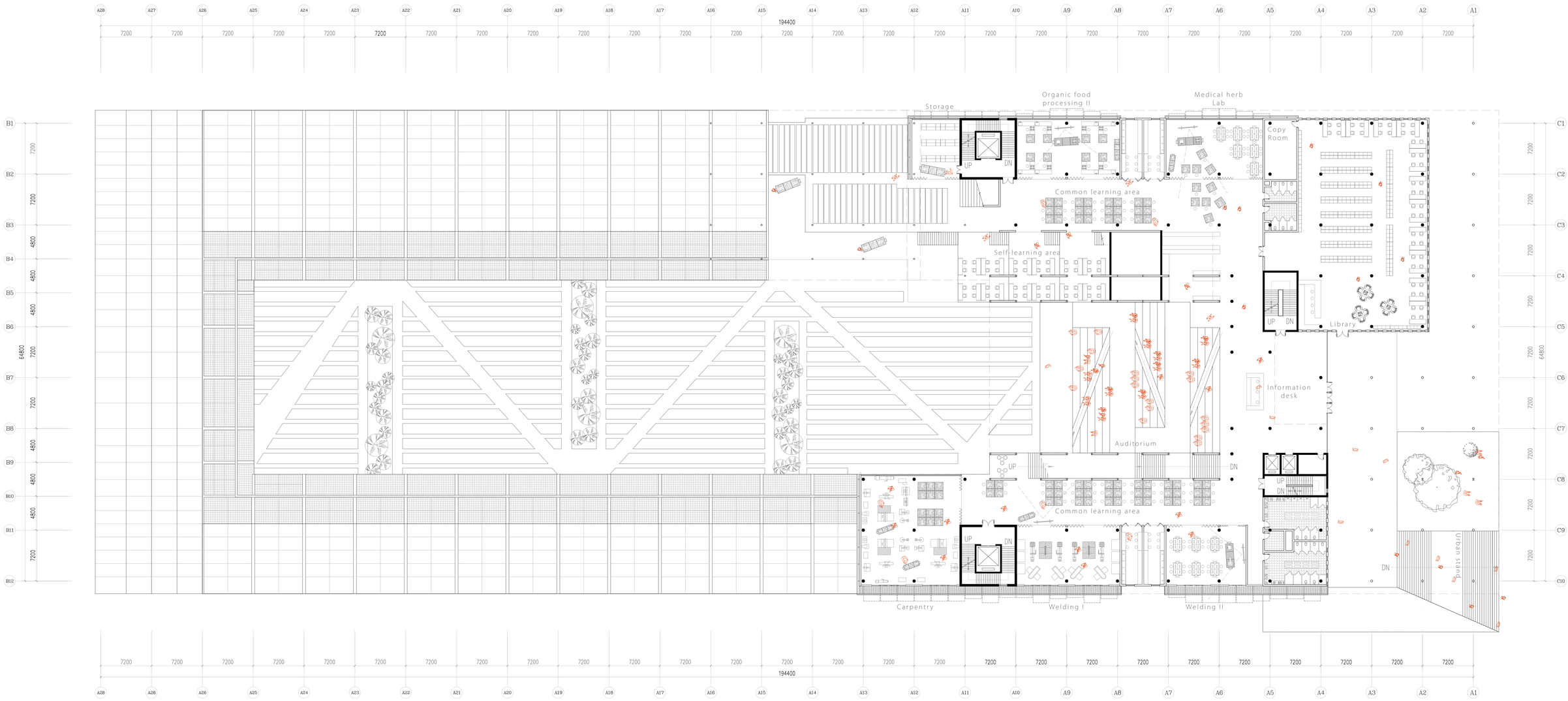
1:500



CP HAVANA STUDIO | ALAMAR
‖ Learning by Doing in Cuban Idyll ‖
‖ A Pilot Vocational School for Urban Farming ‖

Student | Lin Wang | 4510496
Tutor | Olindo Caso & Gilbert Koskamp

Ground Floor Plan
1:200



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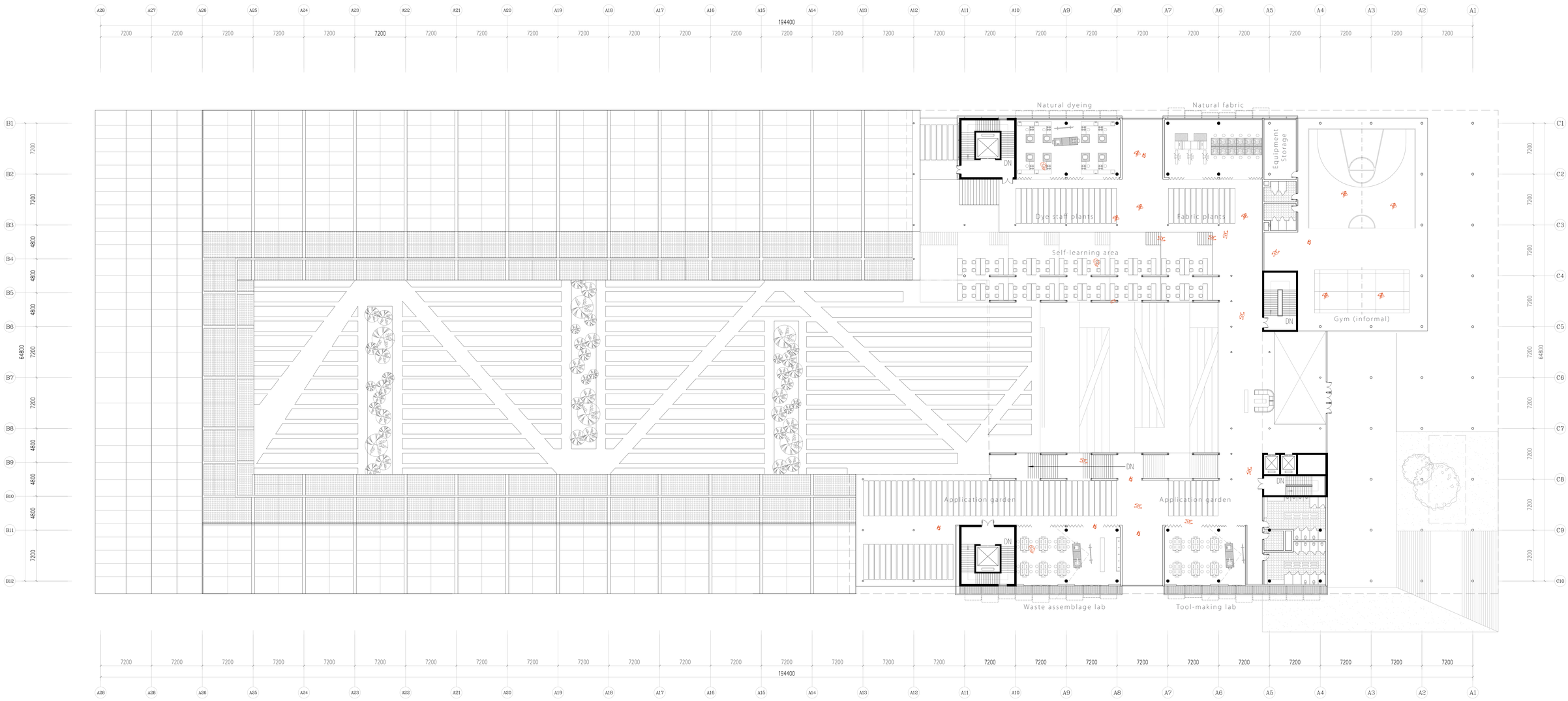
First Floor Plan
1:200



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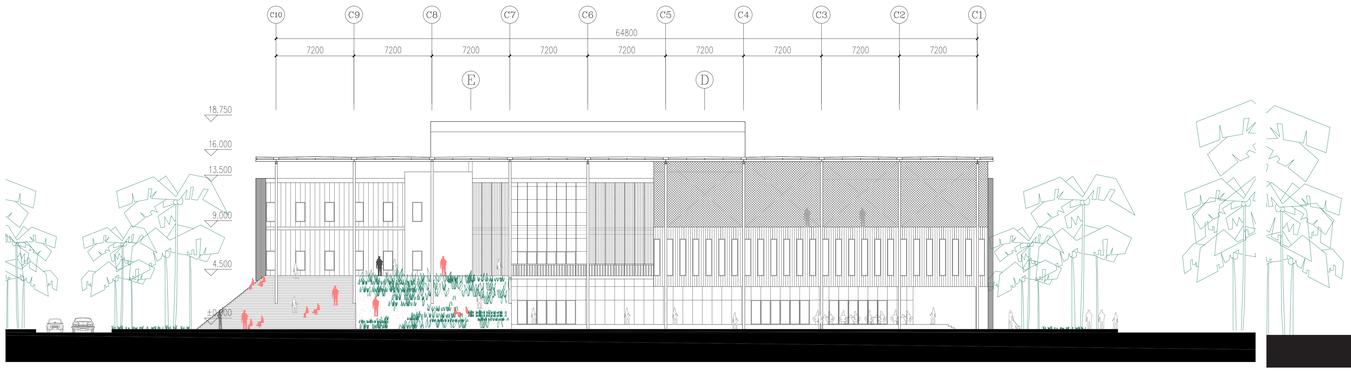
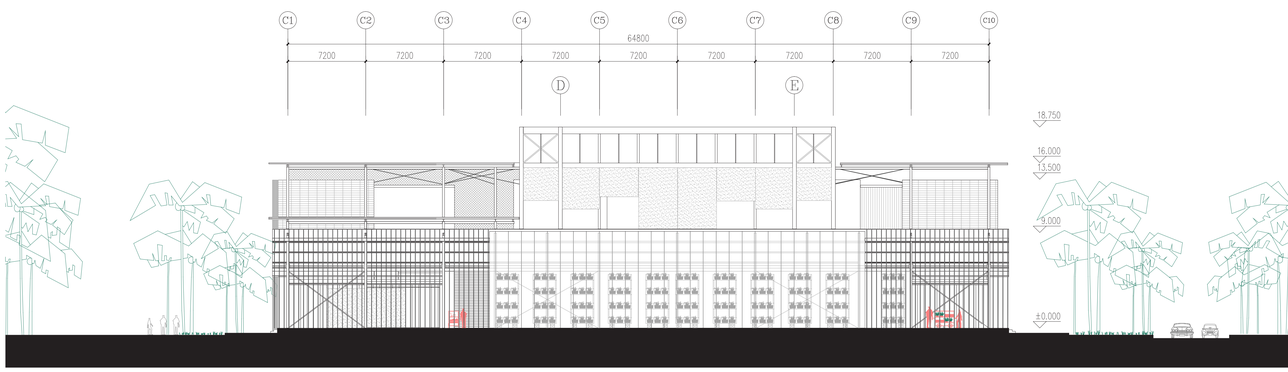
Second Floor Plan
1:200



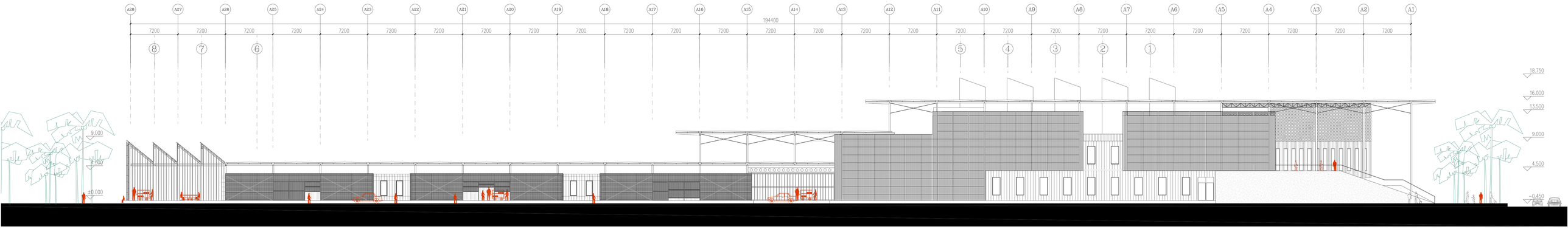
North-east Facade

1:200



South West Facade

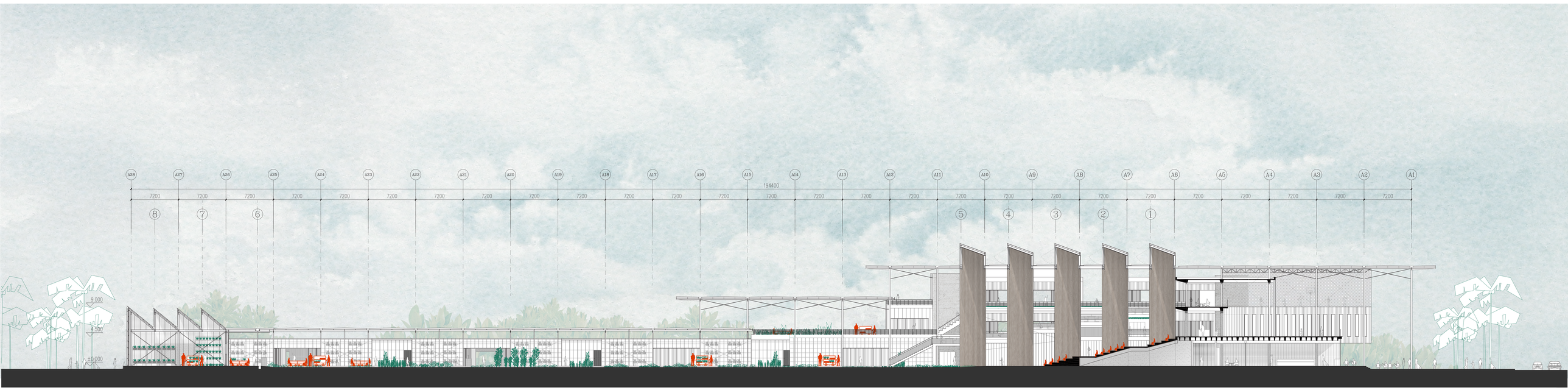
1:200



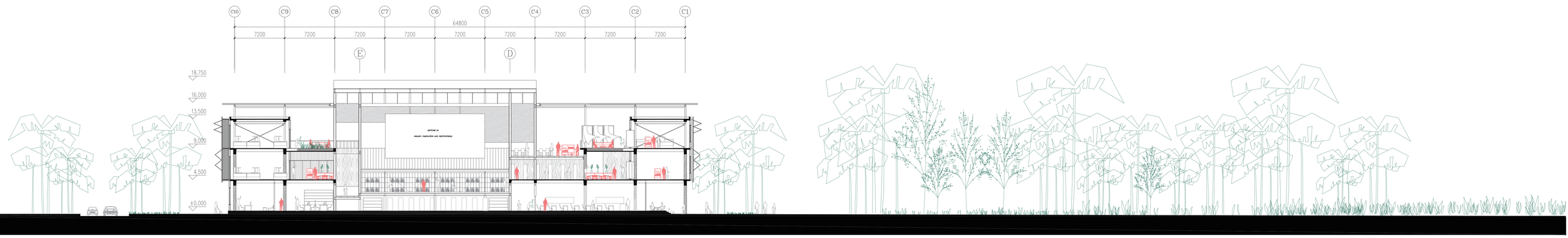
South-west Facade

1:200

0 5M 25M 50M



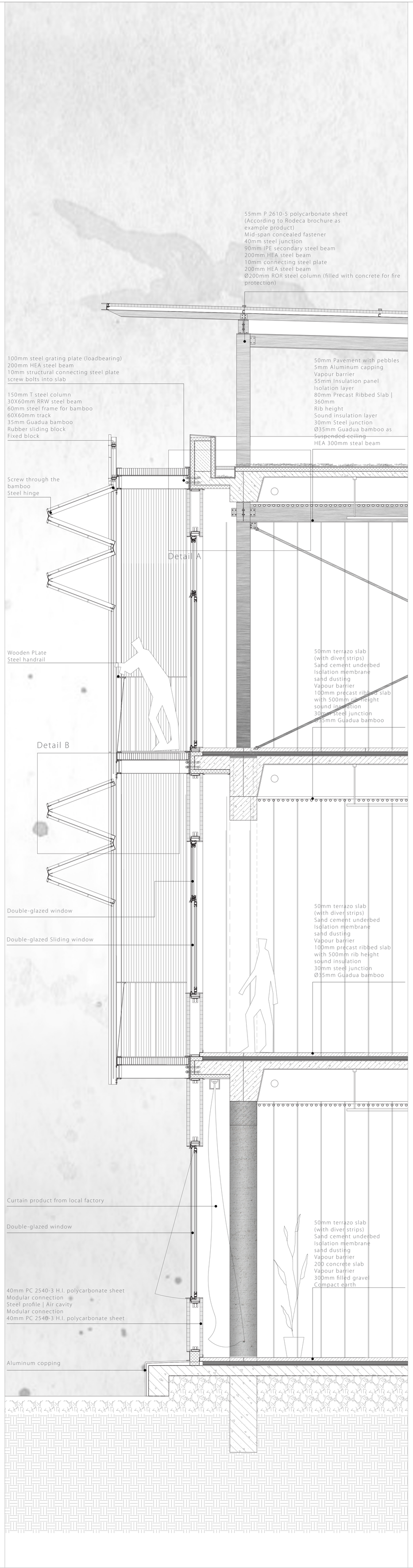
A-A Section
1:200



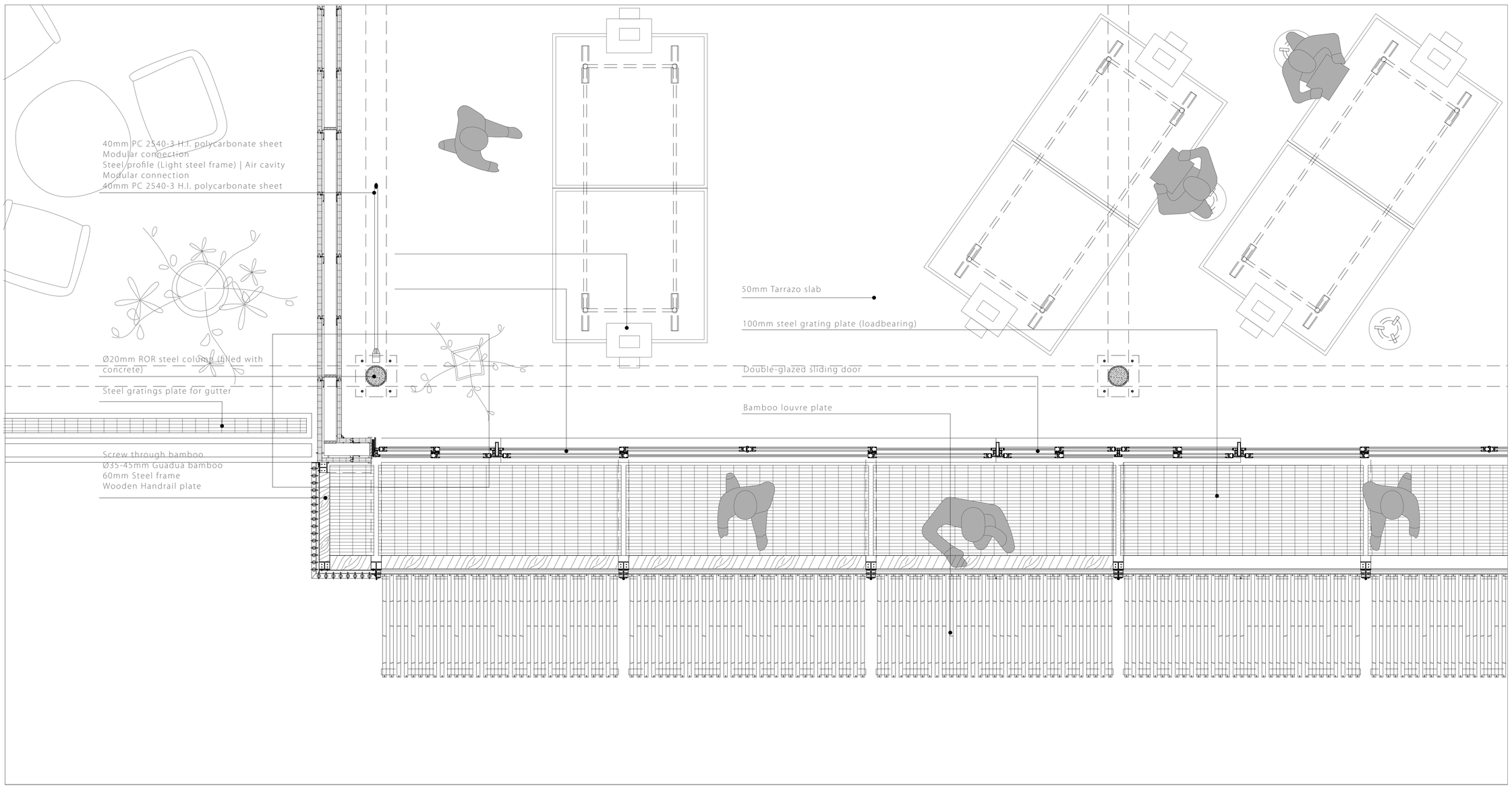
B-B Section
1:200

0 5M 25M 50M

FACADE FRAGMENT 1:20

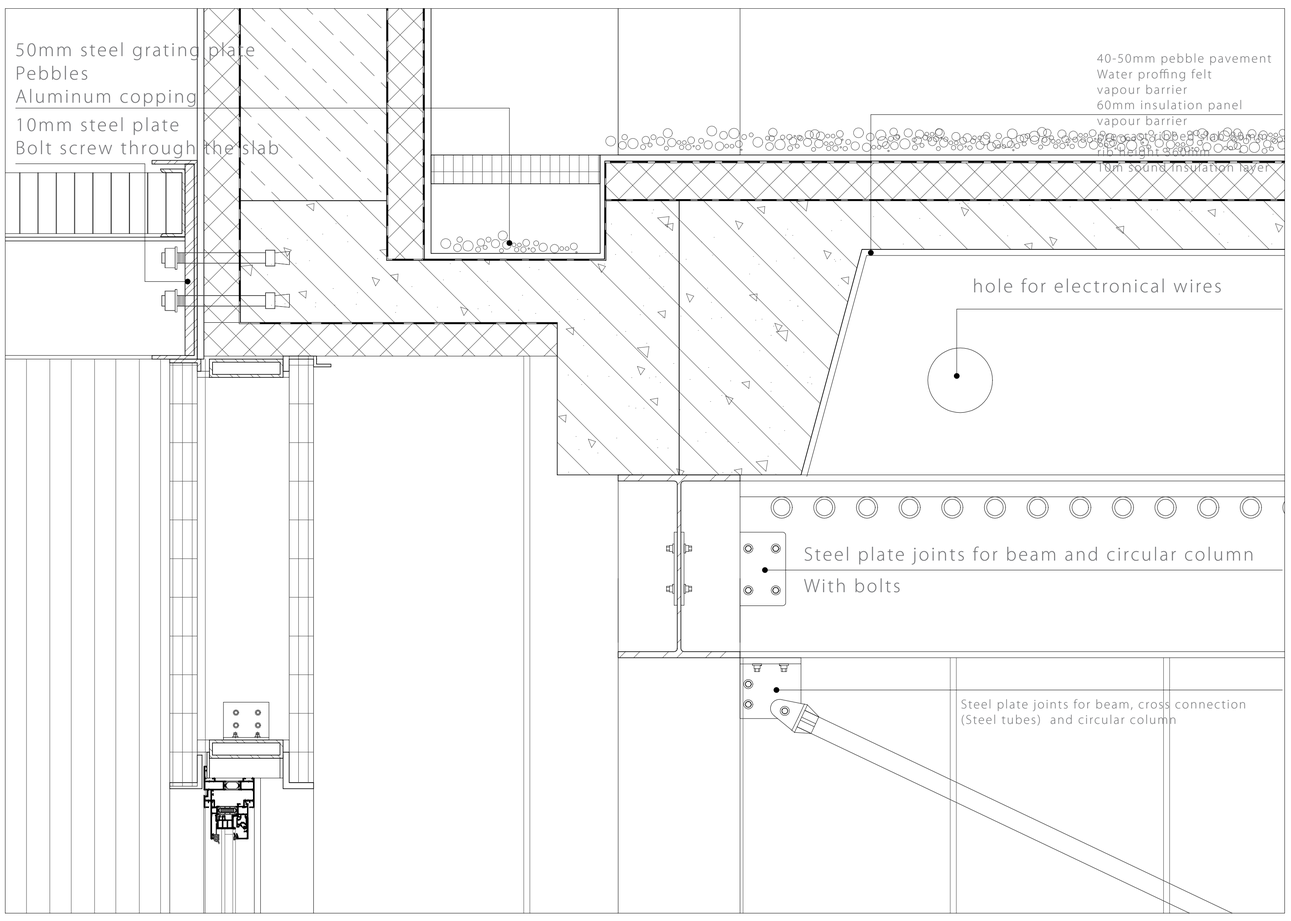


CROSS SECTION 1:20

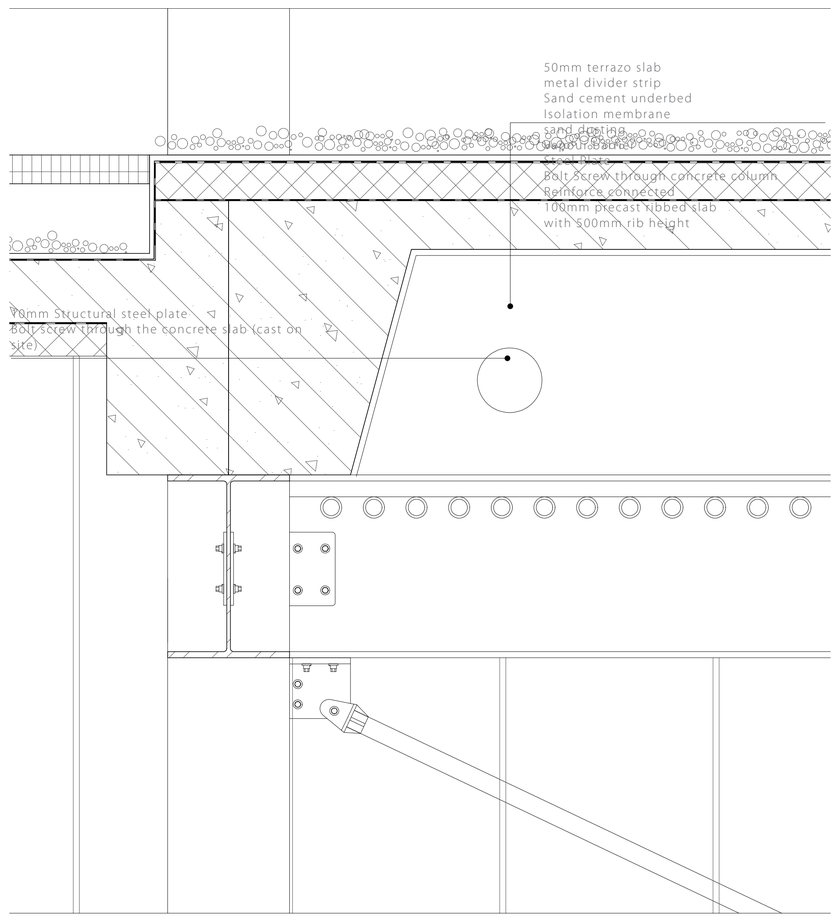


PLAN 1:20

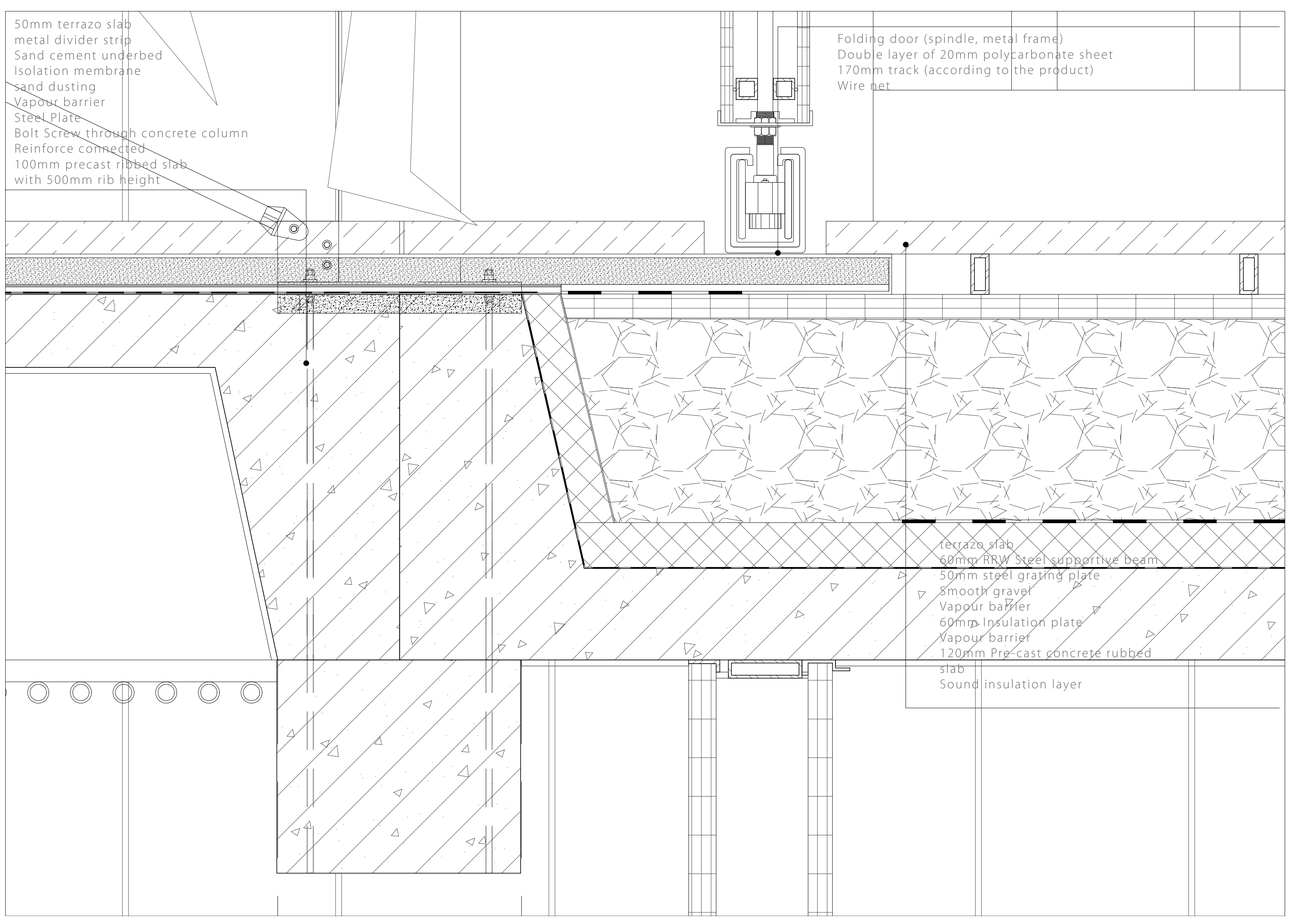
DETAIL A



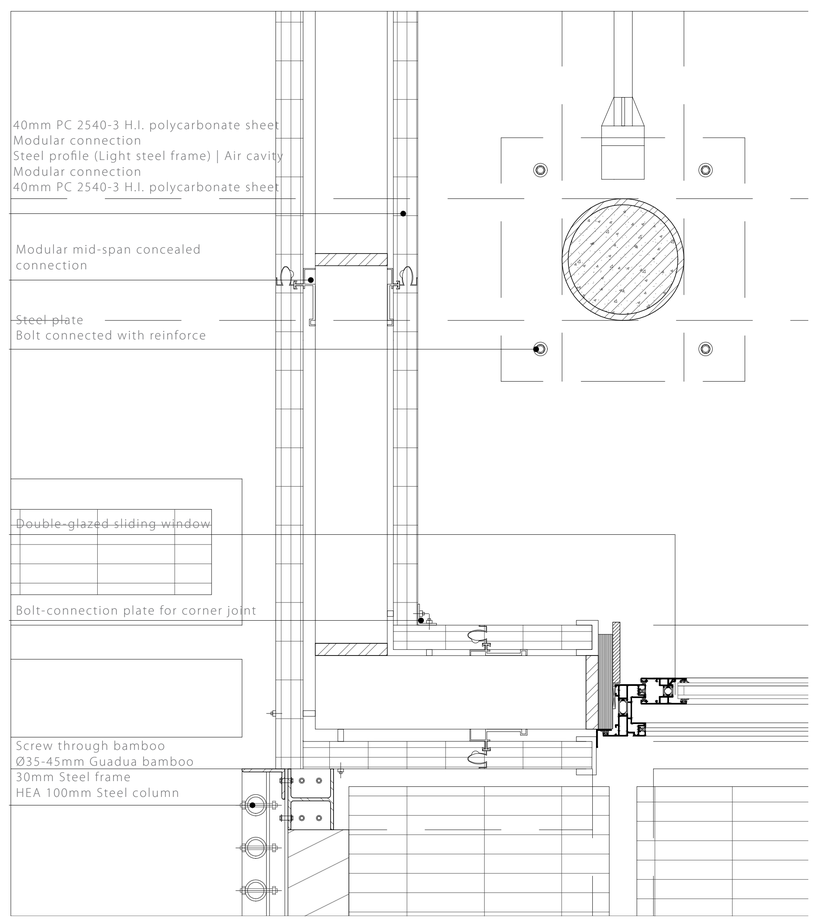
DETAIL B

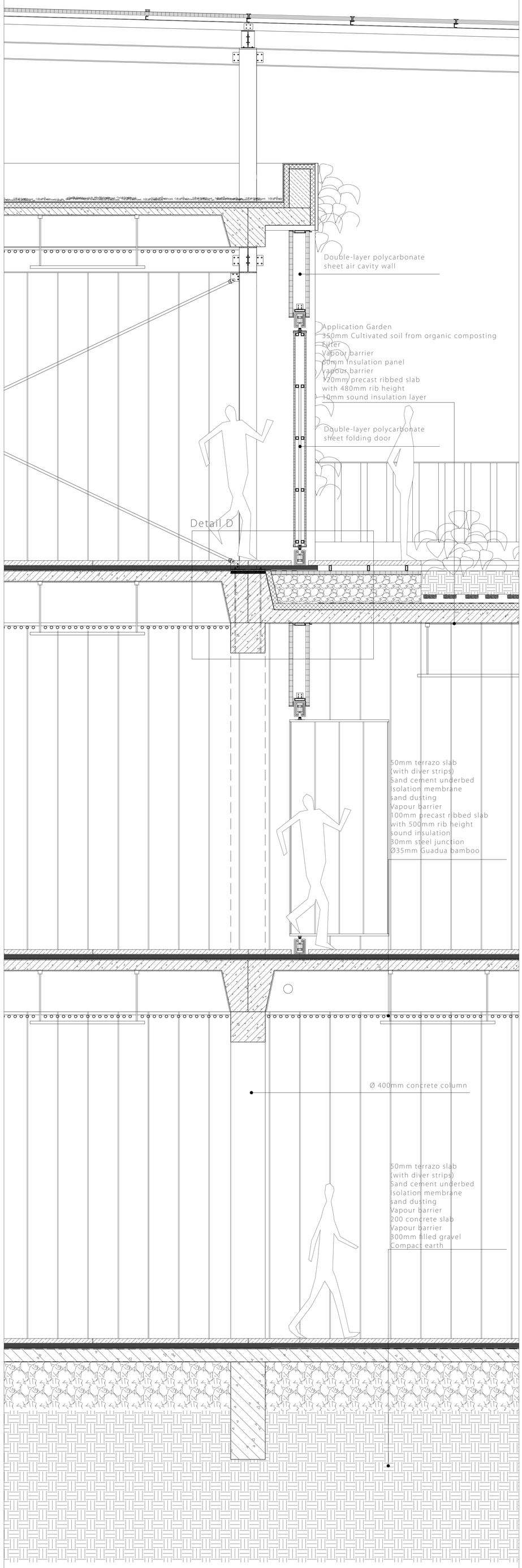


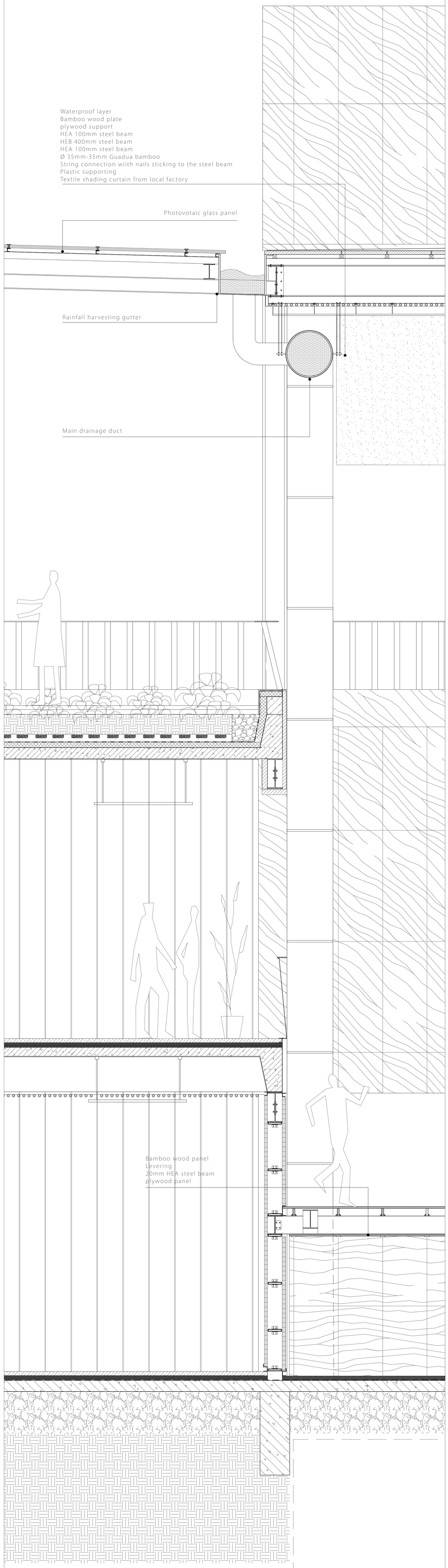
DETAIL D

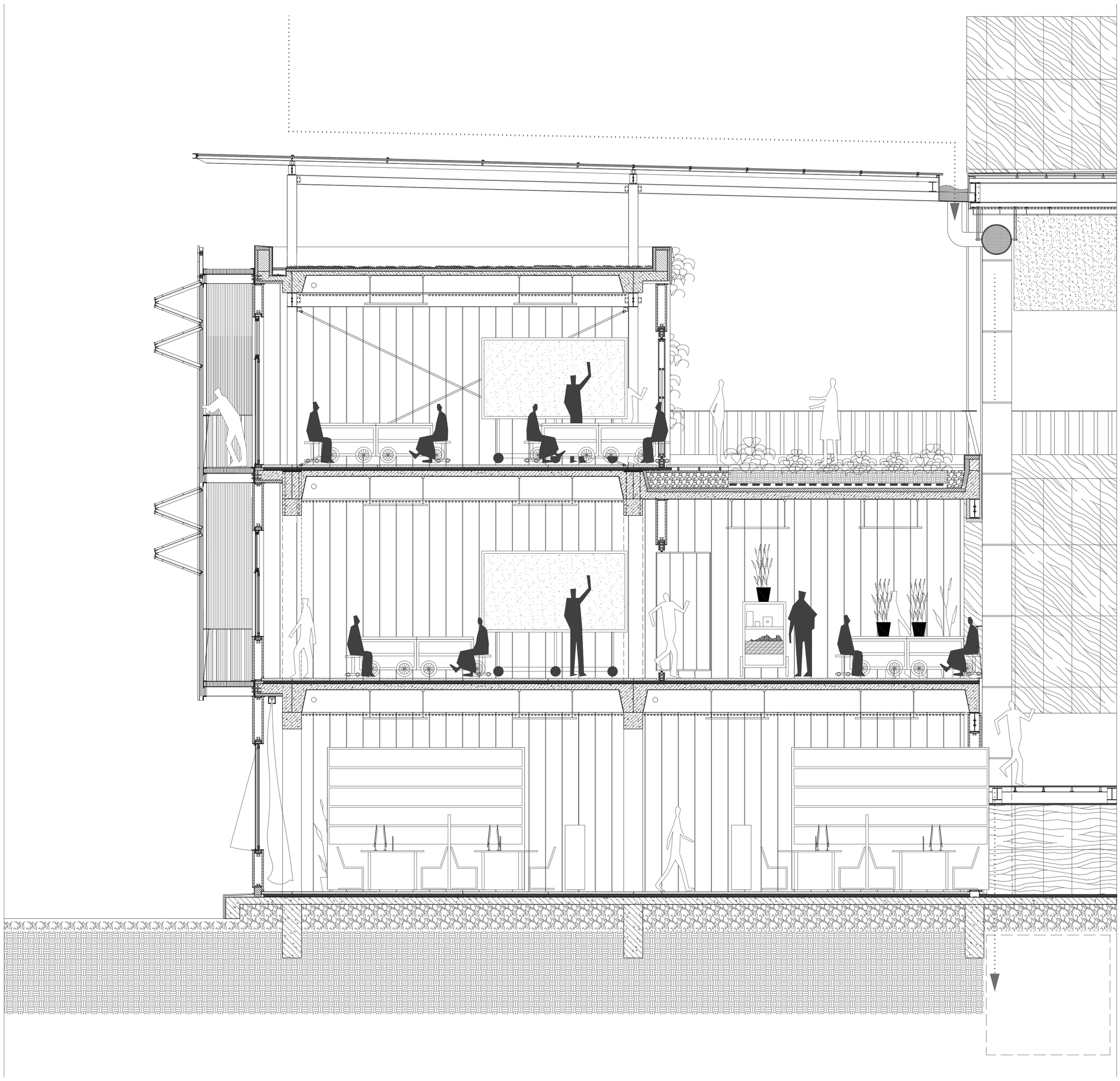


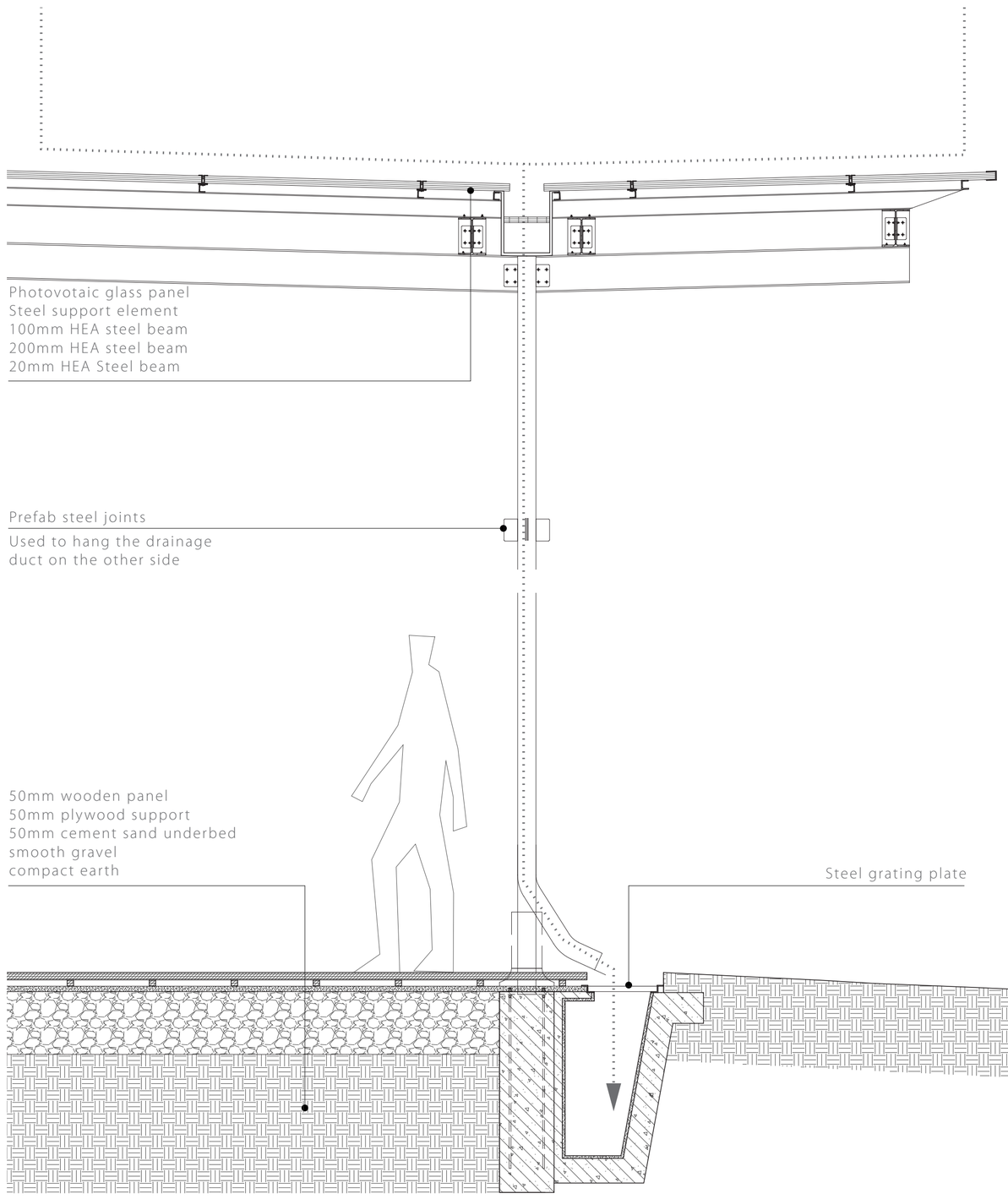
DETAIL C




Double-layer polycarbonate
sheet air cavity wall
Application Garden
350mm Cultivated soil from organic composting
Filter
Vapour barrier
60mm Insulation panel
Vapour barrier
120mm precast ribbed slab
with 480mm rib height
10mm sound insulation layer
Double-layer polycarbonate
sheet folding door
Detail D
50mm terrazo slab
(with diver strips)
Sand cement underbed
Isolation membrane
sand dusting
Vapour barrier
100mm precast ribbed slab
with 500mm rib height
sound insulation
30mm steel junction
Ø35mm Guadua bamboo
Ø 400mm concrete column
50mm terrazo slab
(with diver strips)
Sand cement underbed
Isolation membrane
sand dusting
Vapour barrier
200 concrete slab
Vapour barrier
300mm filled gravel
Compact earth


Waterproof layer
Bamboo wood plate
plywood support
HEA 100mm steel beam
HEB 400mm steel beam
HEA 100mm steel beam
Ø 35mm-35mm Guadua bamboo
String connection wiith nails sticking to the steel beam
Plastic supporting
Textile shading curtain from local factory
Photovotaic glass panel
Rainfall harvesting gutter
Main drainage duct
Bamboo wood panel
Levering
20mm HEA steel beam
plywood panel




Photovotaic glass panel
Steel support element
100mm HEA steel beam
200mm HEA steel beam
20mm HEA Steel beam
Prefab steel joints
Used to hang the drainage
duct on the other side
50mm wooden panel
50mm plywood support
50mm cement sand underbed
smooth gravel
compact earth
Steel grating plate