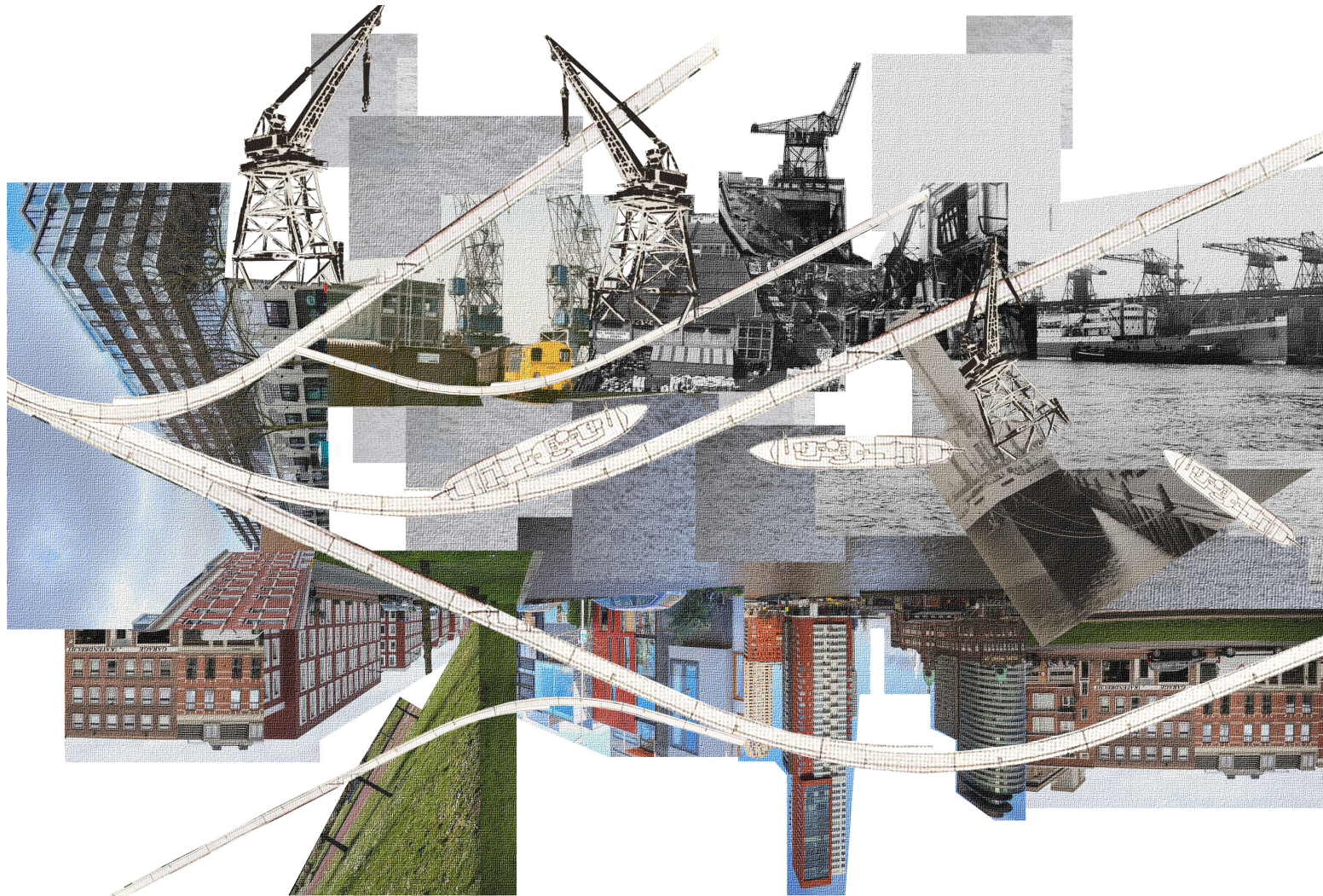
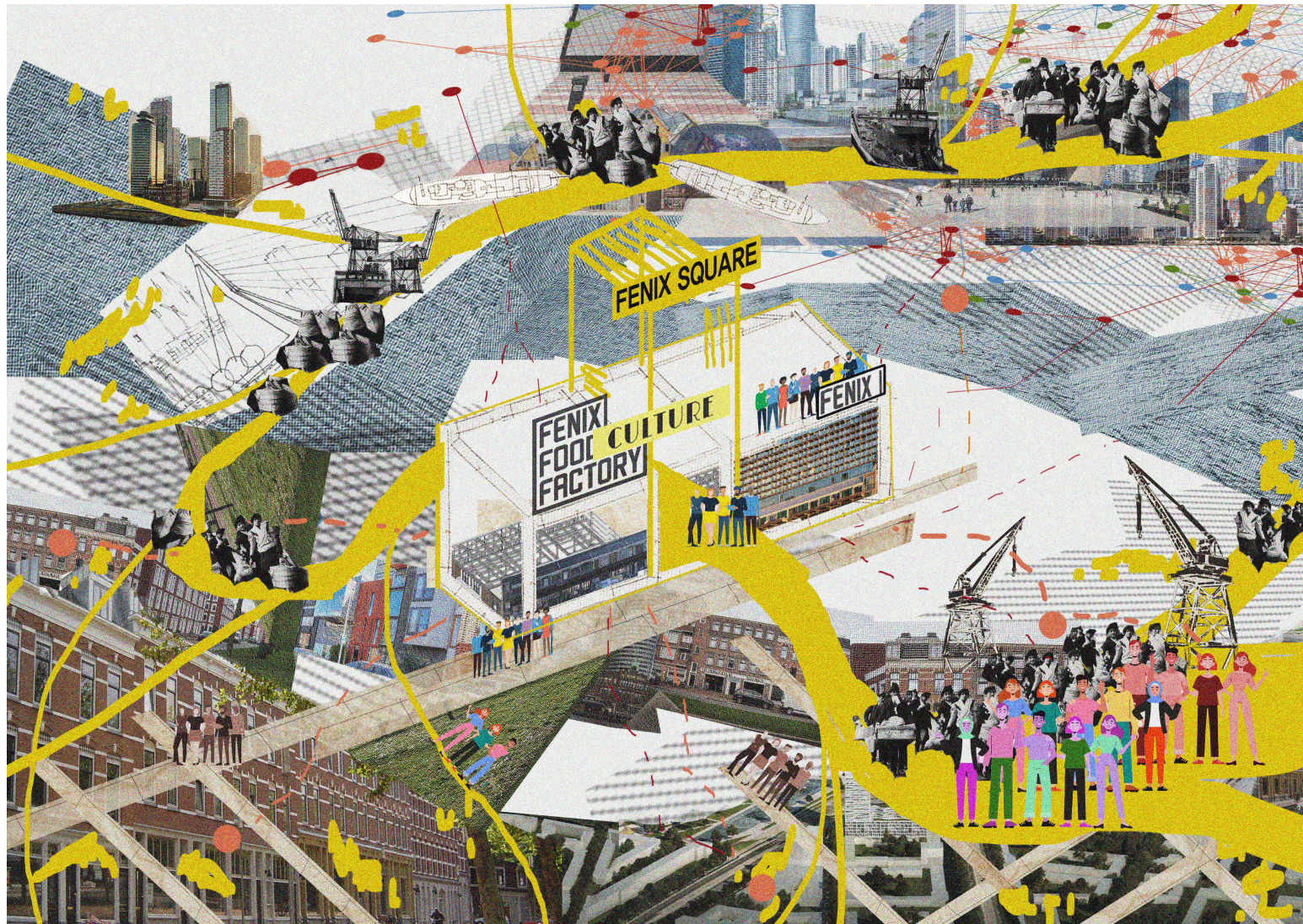


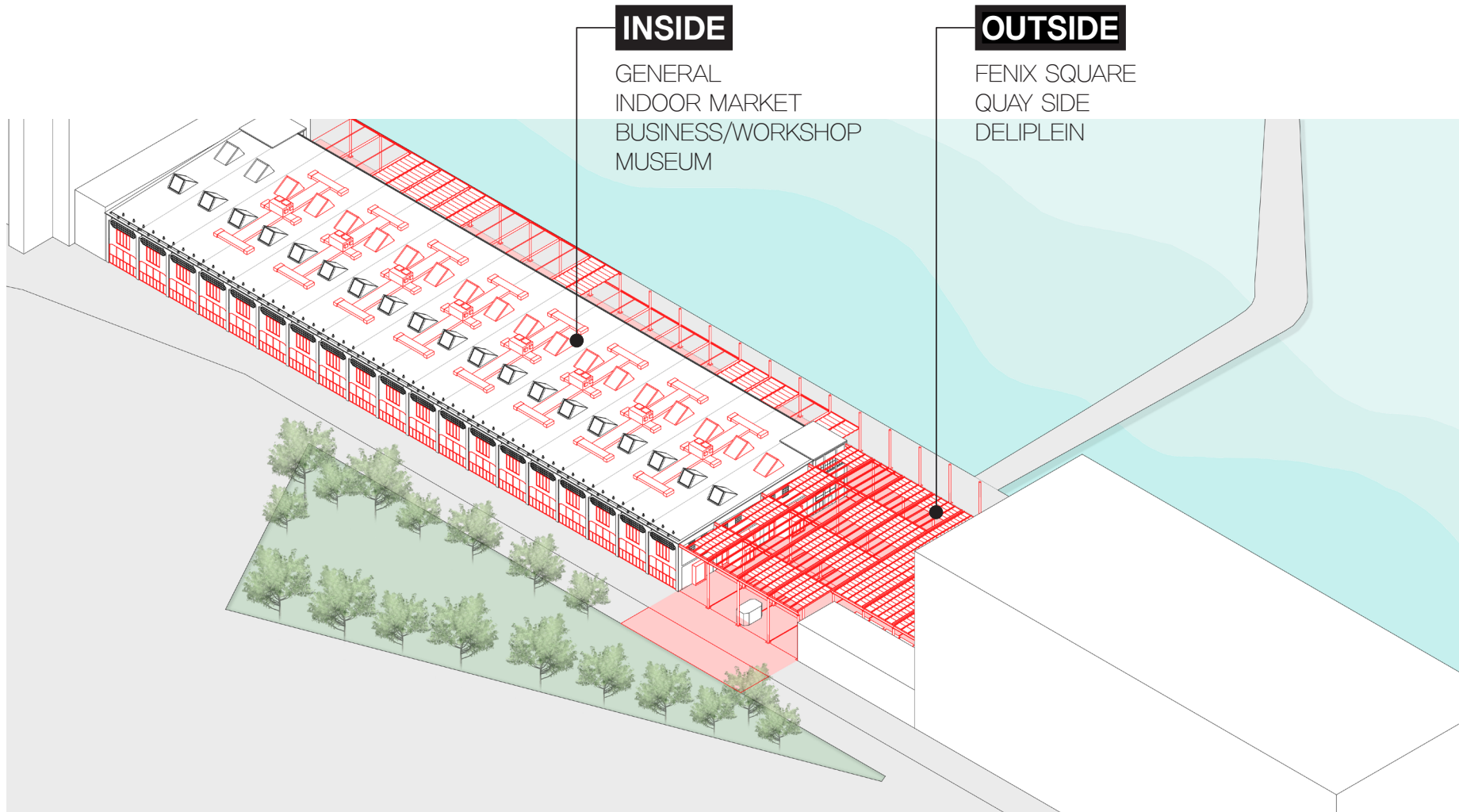
Etude



Collage

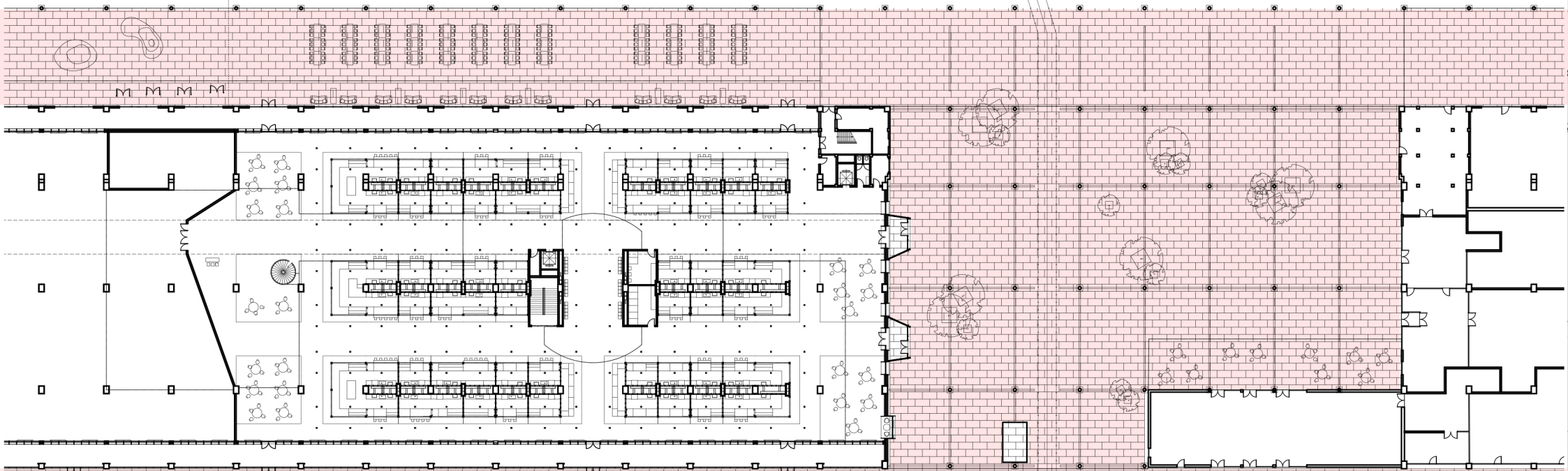


Isometric view



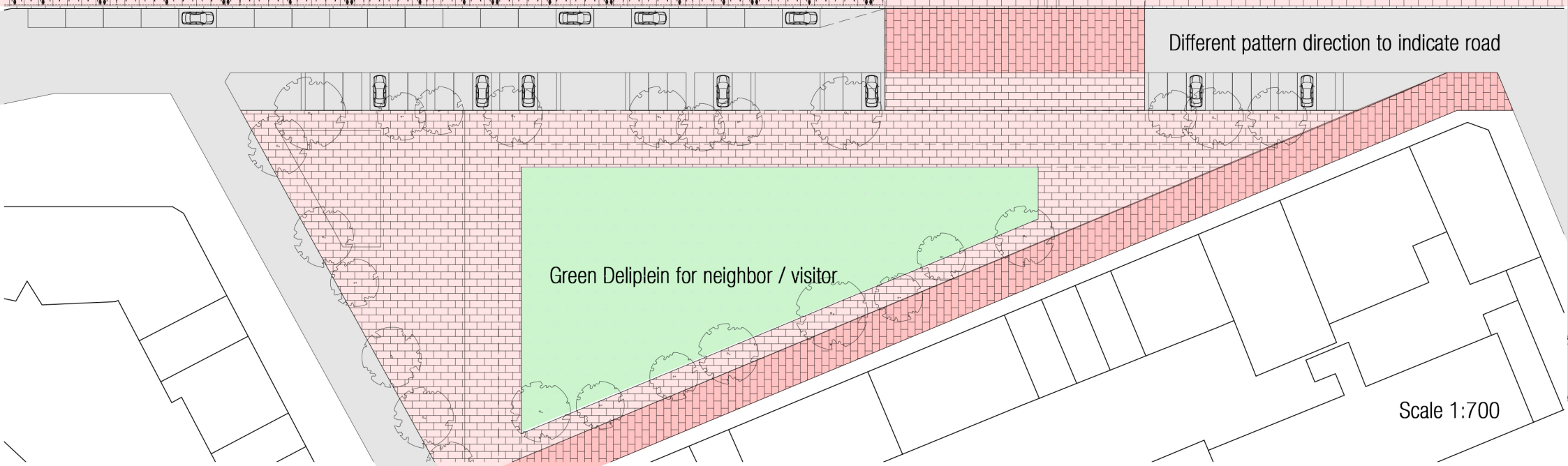
Site plan

Fenix square as an Anchor point

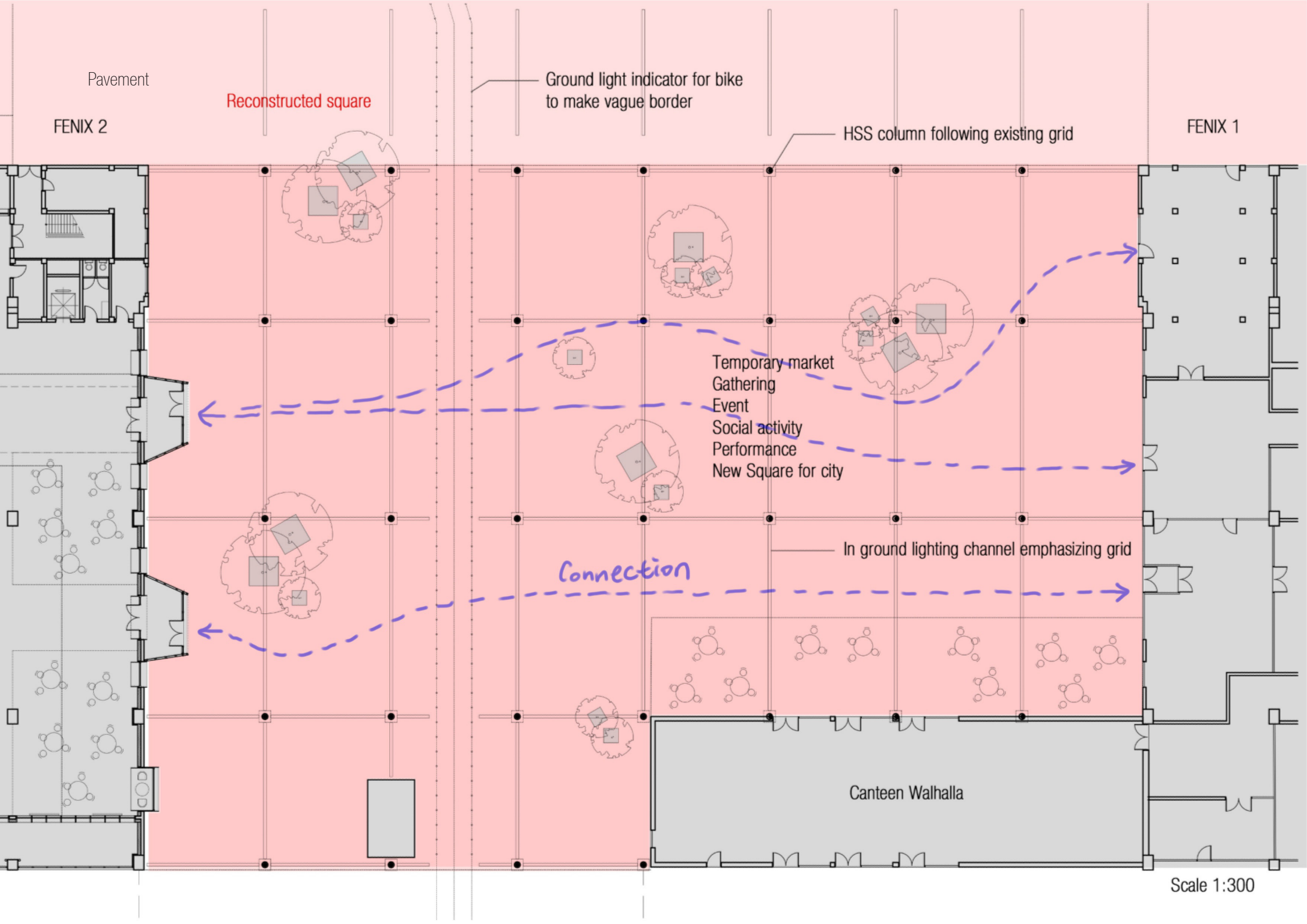


Pavement extension

Different pattern direction to indicate road



Scale 1:700



Pavement

FENIX 2

Reconstructed square

Ground light indicator for bike
to make vague border

HSS column following existing grid

FENIX 1

Temporary market
Gathering
Event
Social activity
Performance
New Square for city

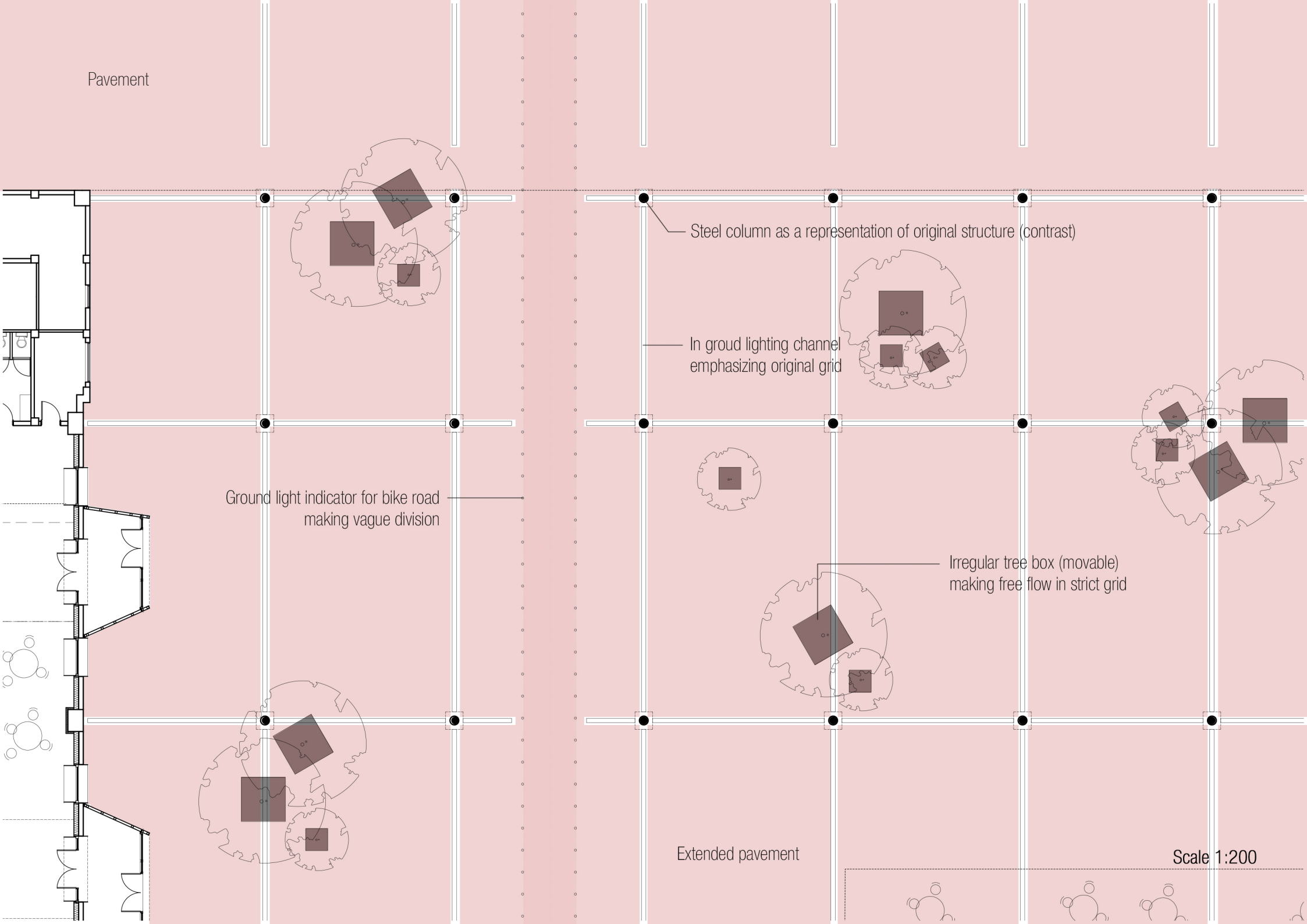
In ground lighting channel emphasizing grid

Connection

Canteen Walhalla

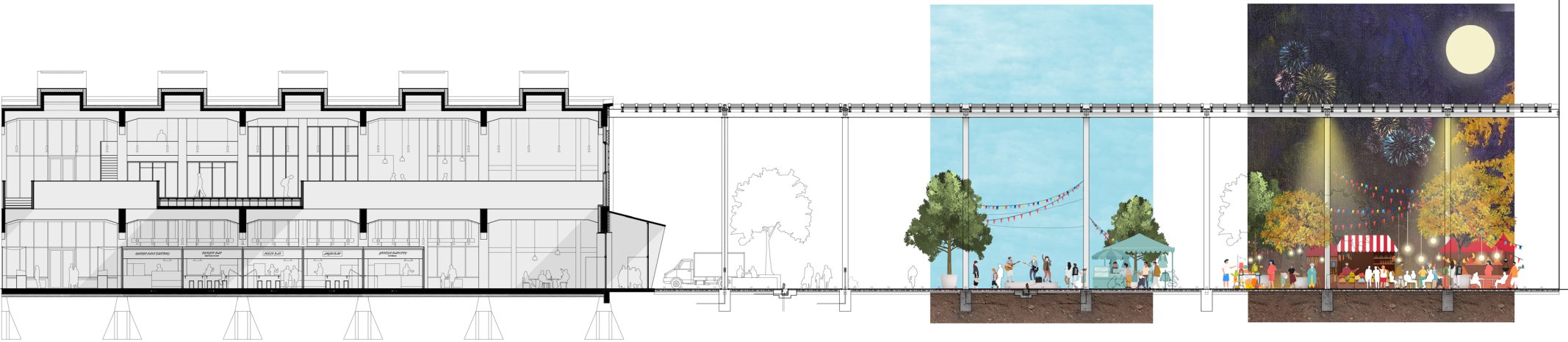
Scale 1:300

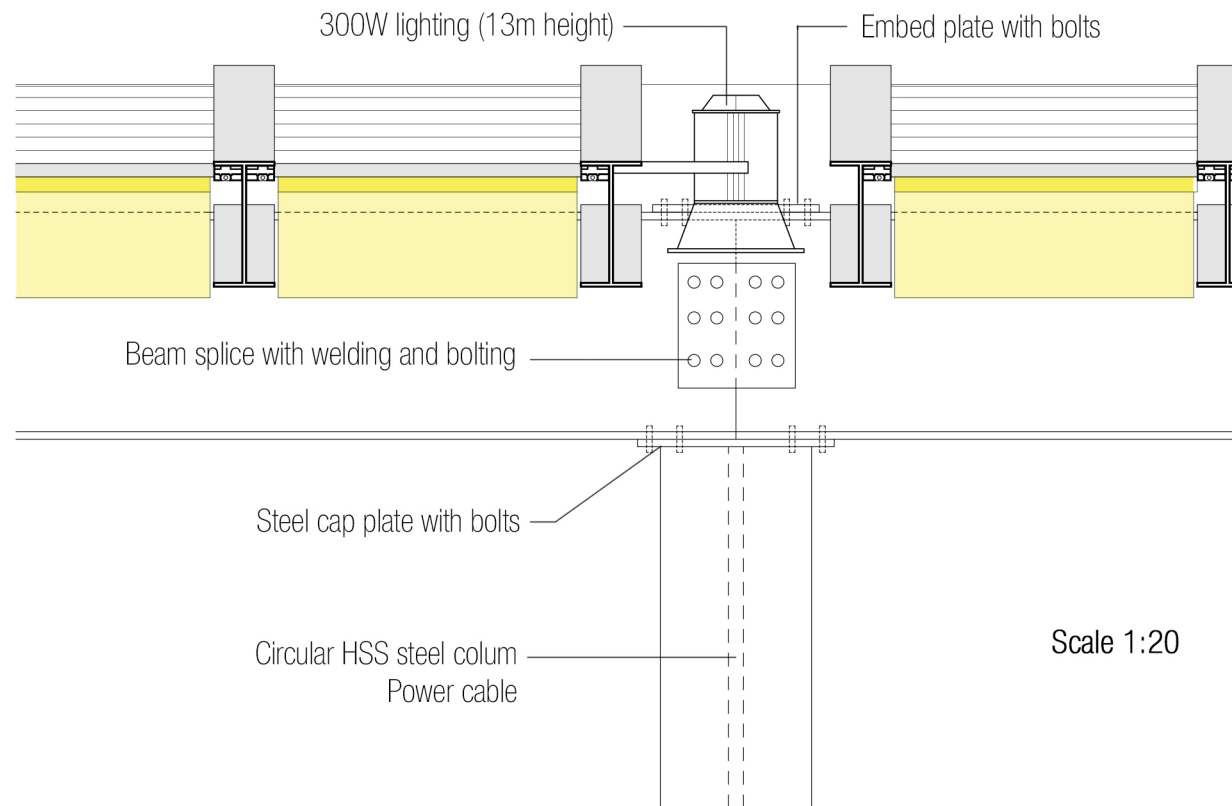
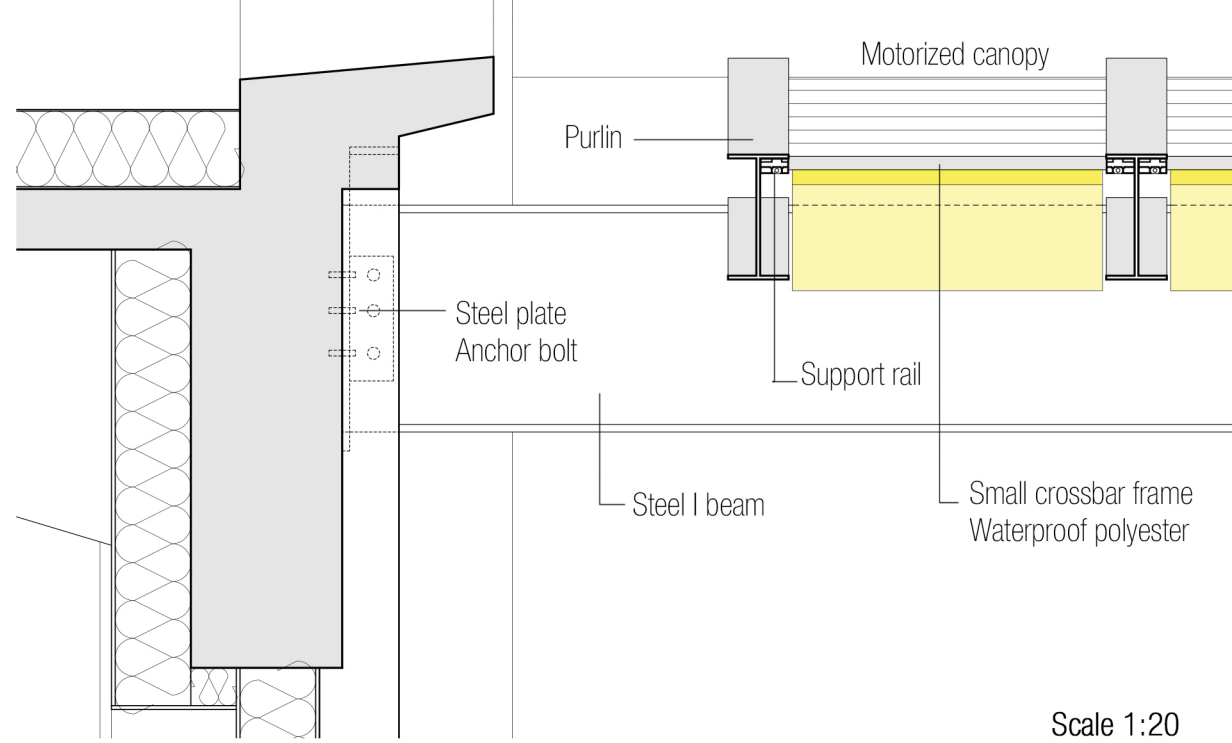
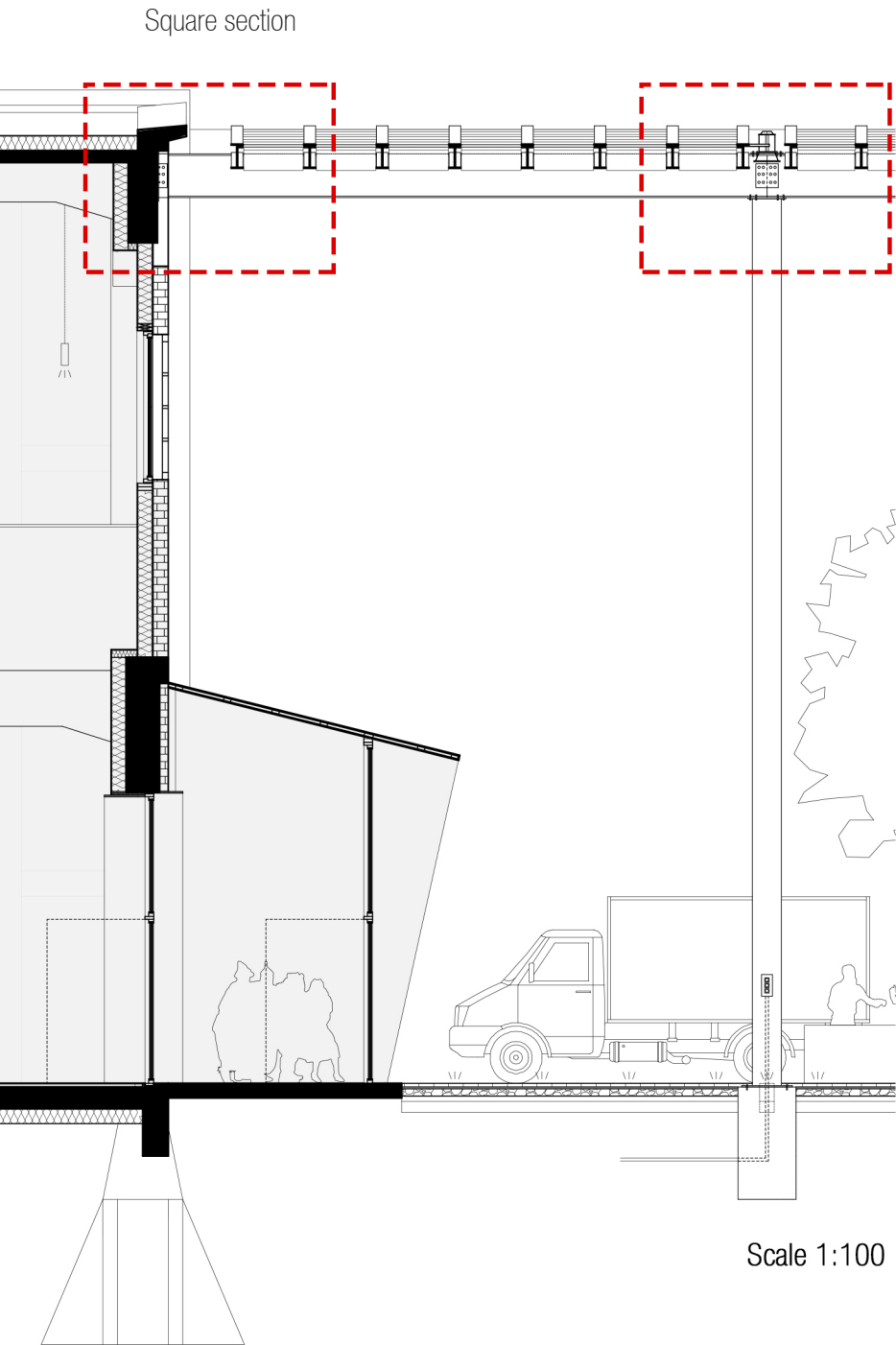
Pavement



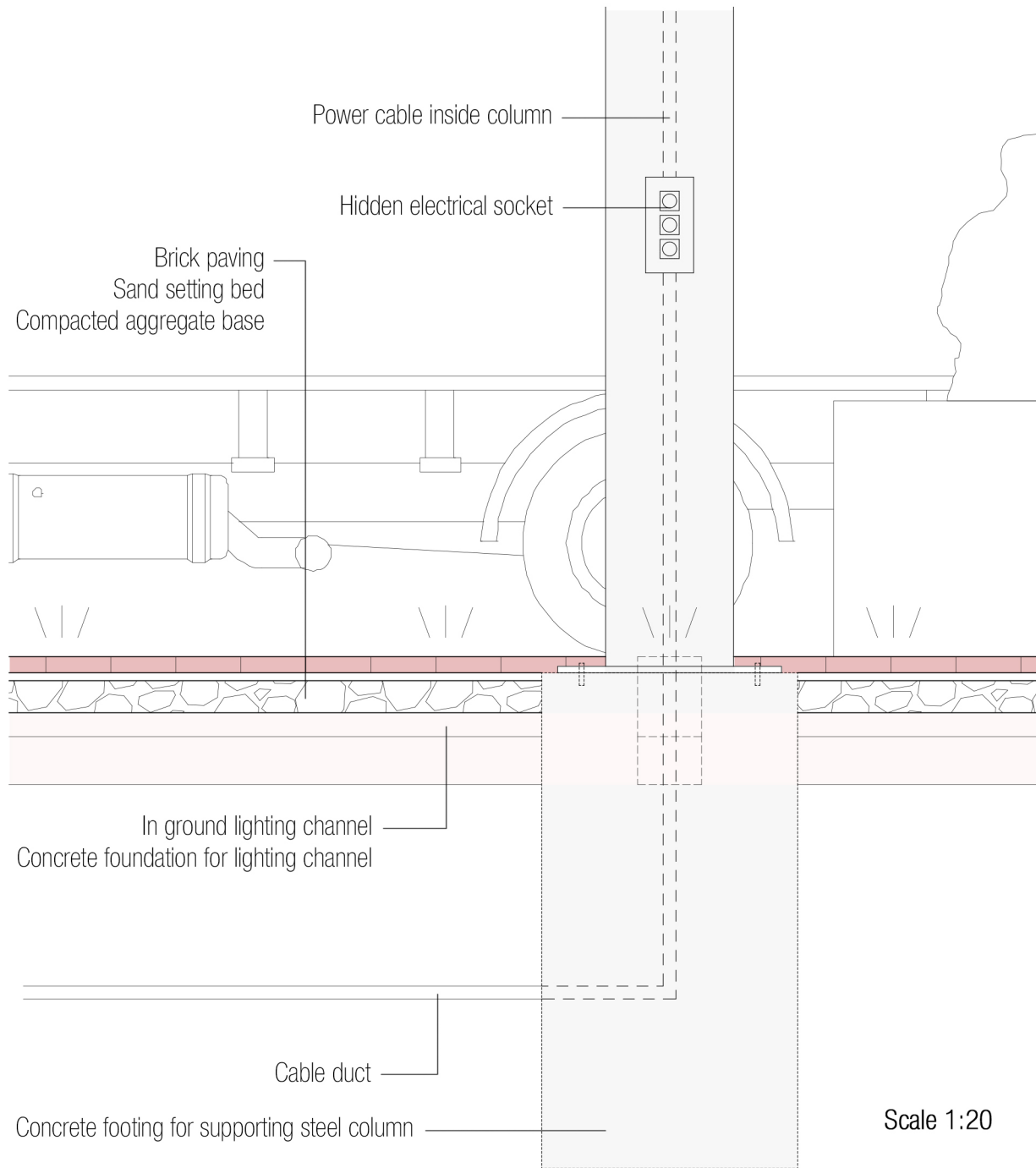
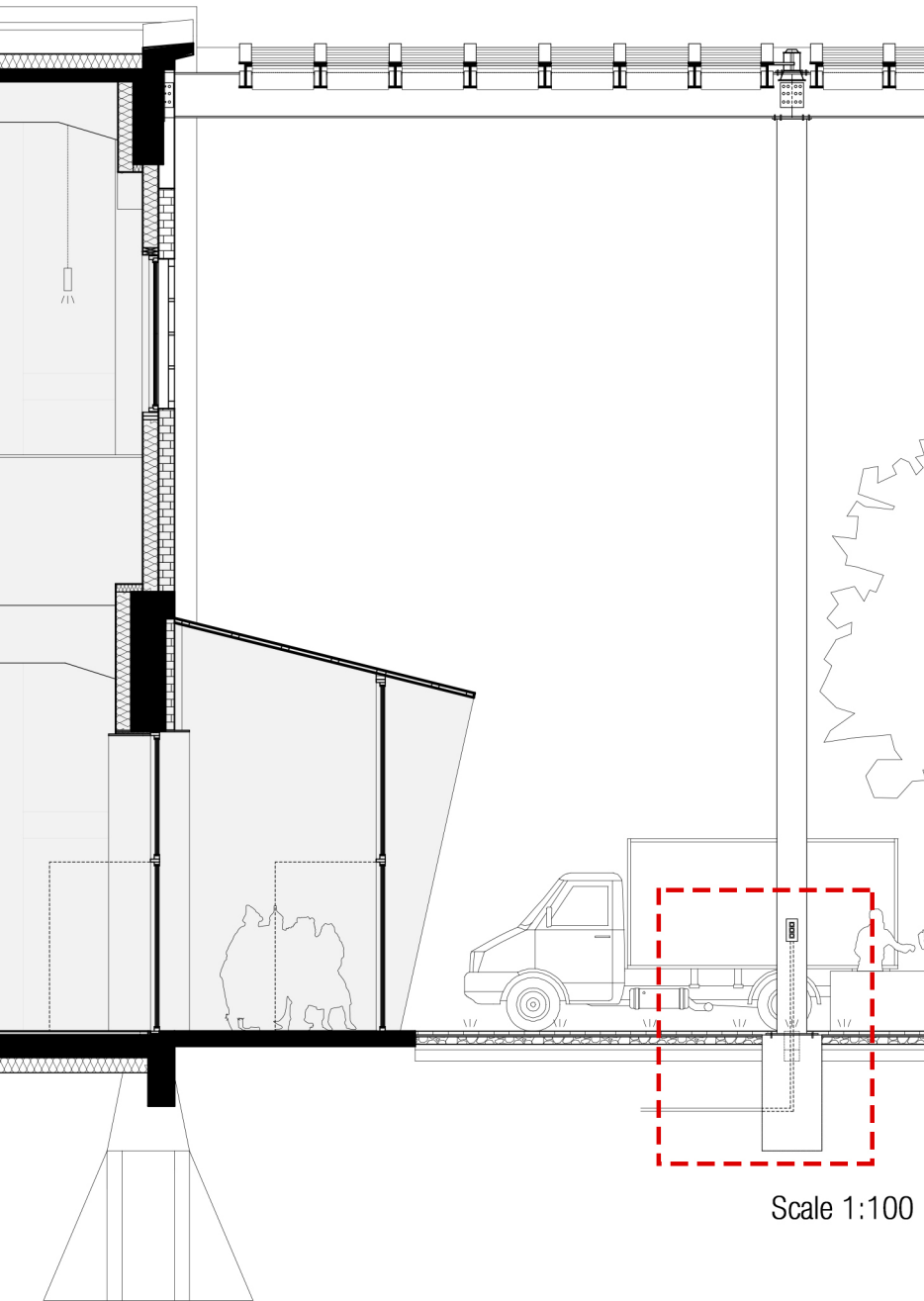
Scale 1:200

Square section

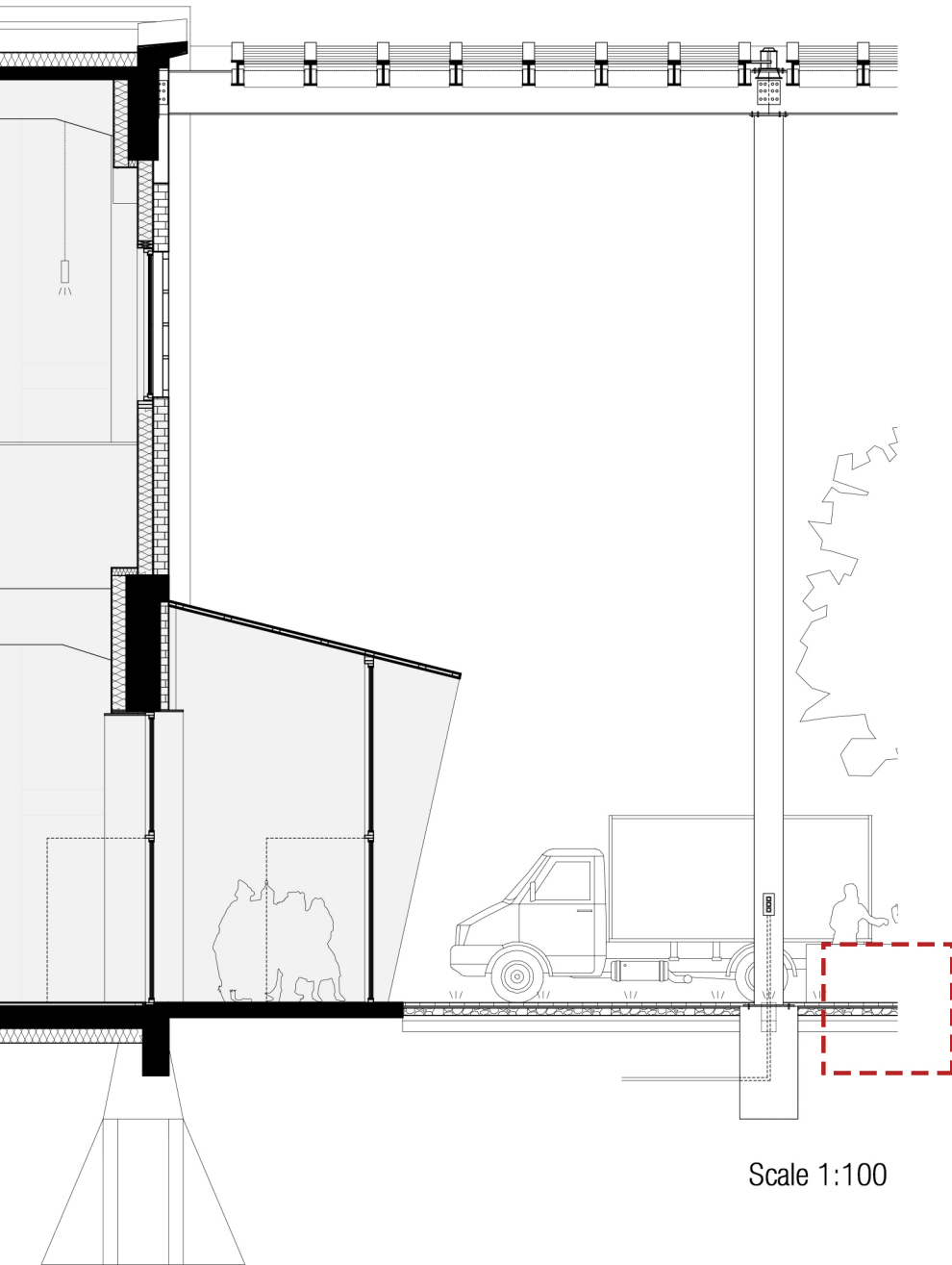




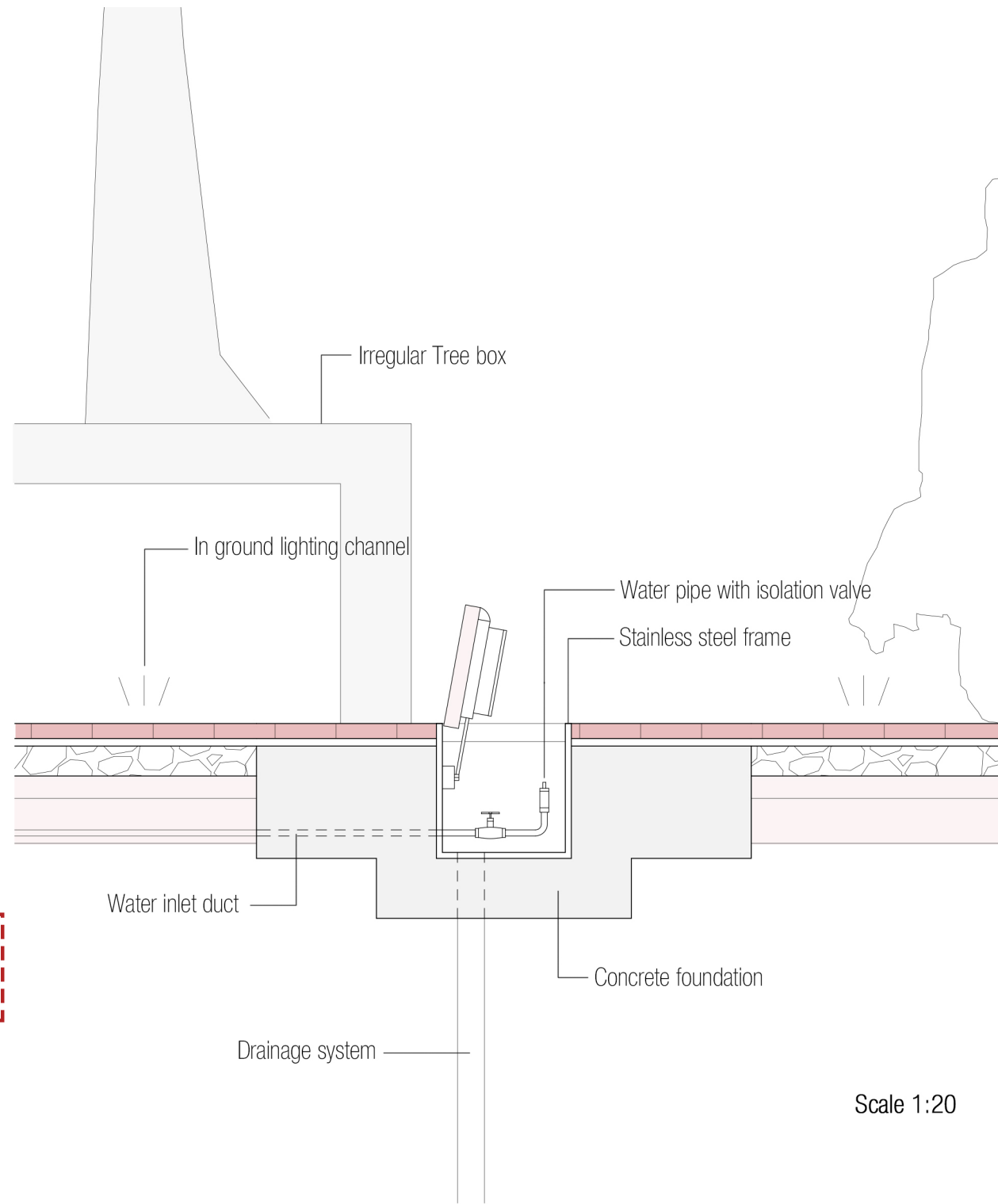
Square section



Square section

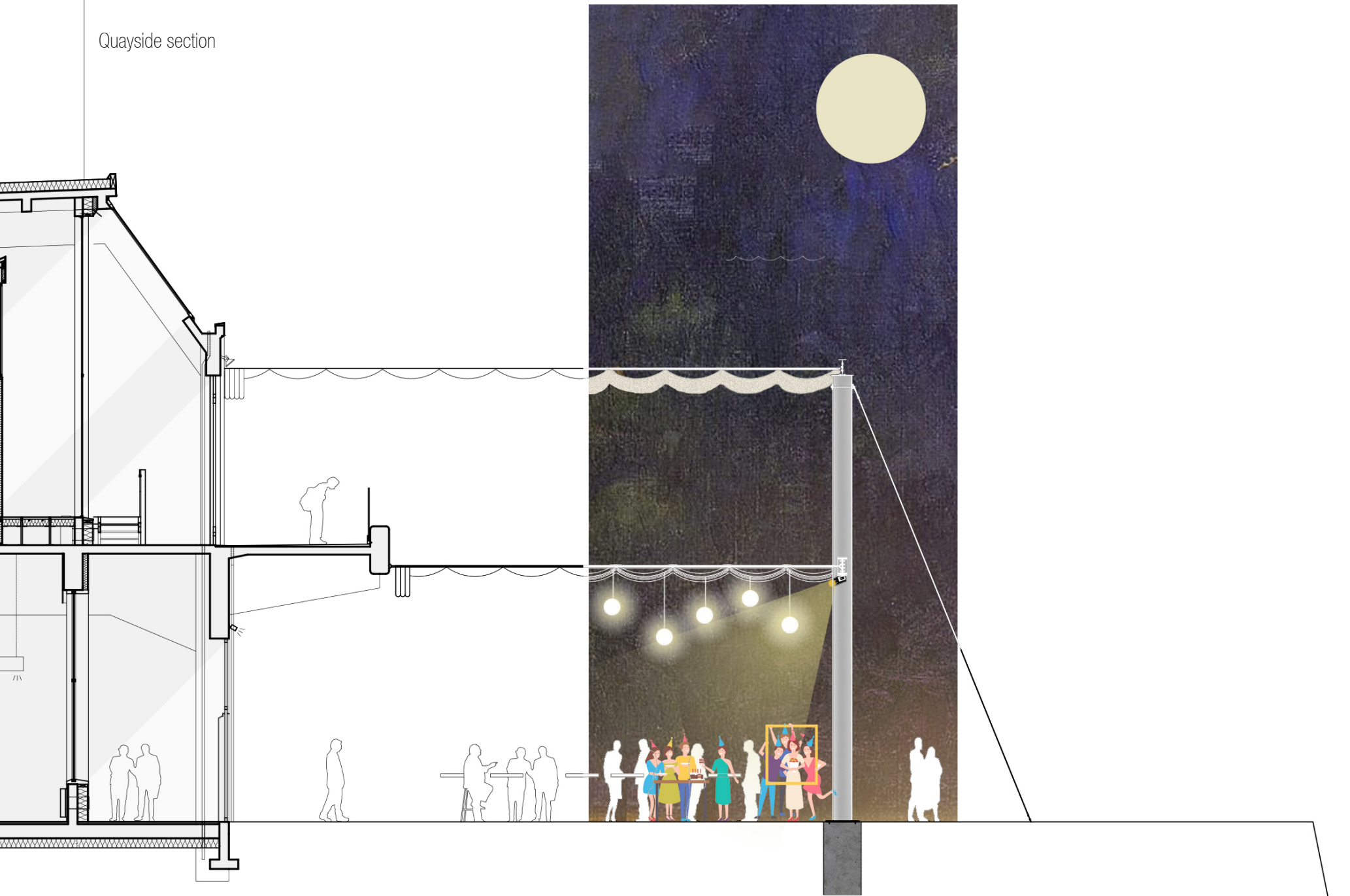


Scale 1:100

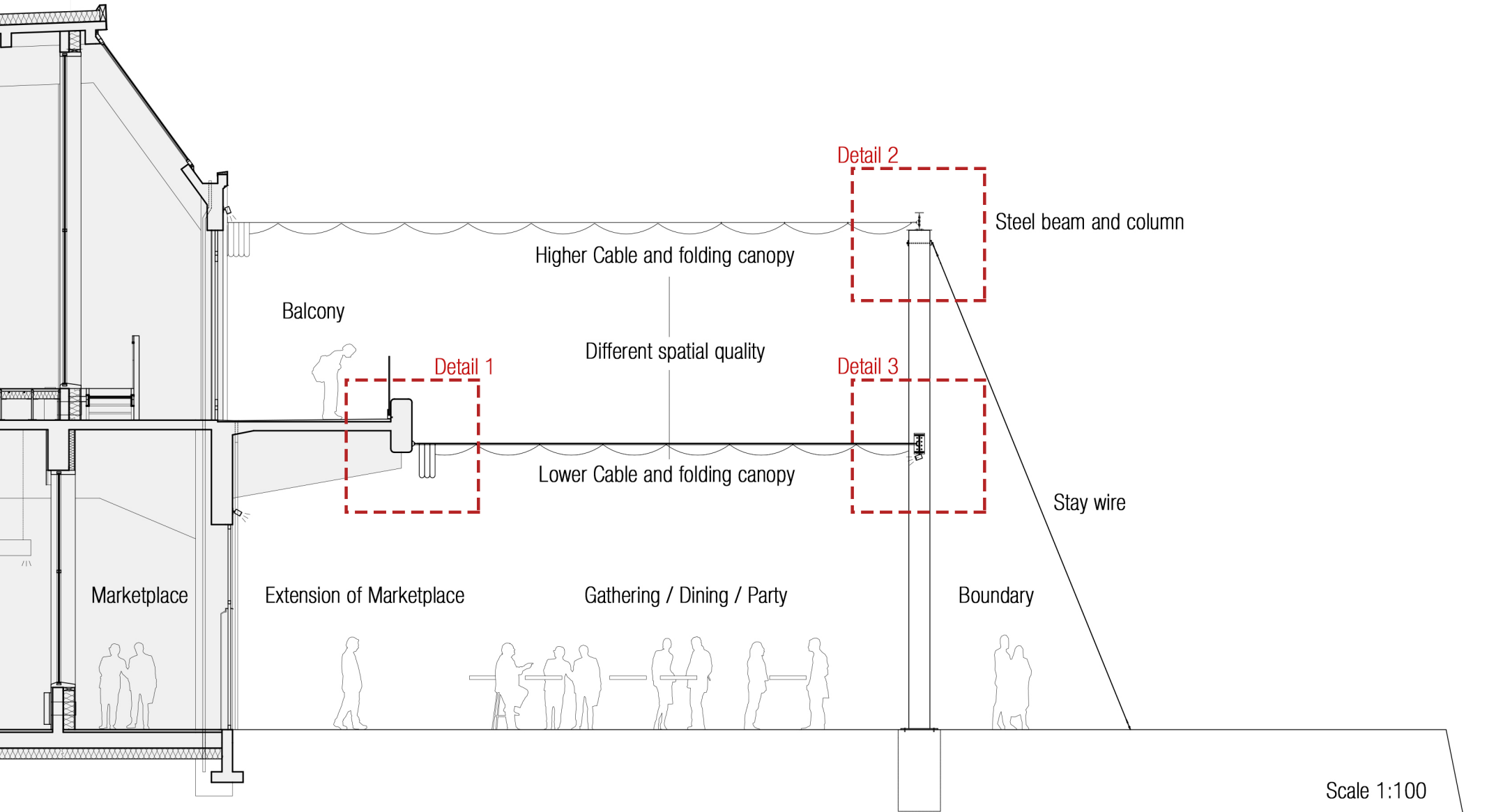


Scale 1:20

Quayside section



Quayside section



Detail 2

Steel beam and column

Higher Cable and folding canopy

Balcony

Detail 1

Different spatial quality

Detail 3

Lower Cable and folding canopy

Stay wire

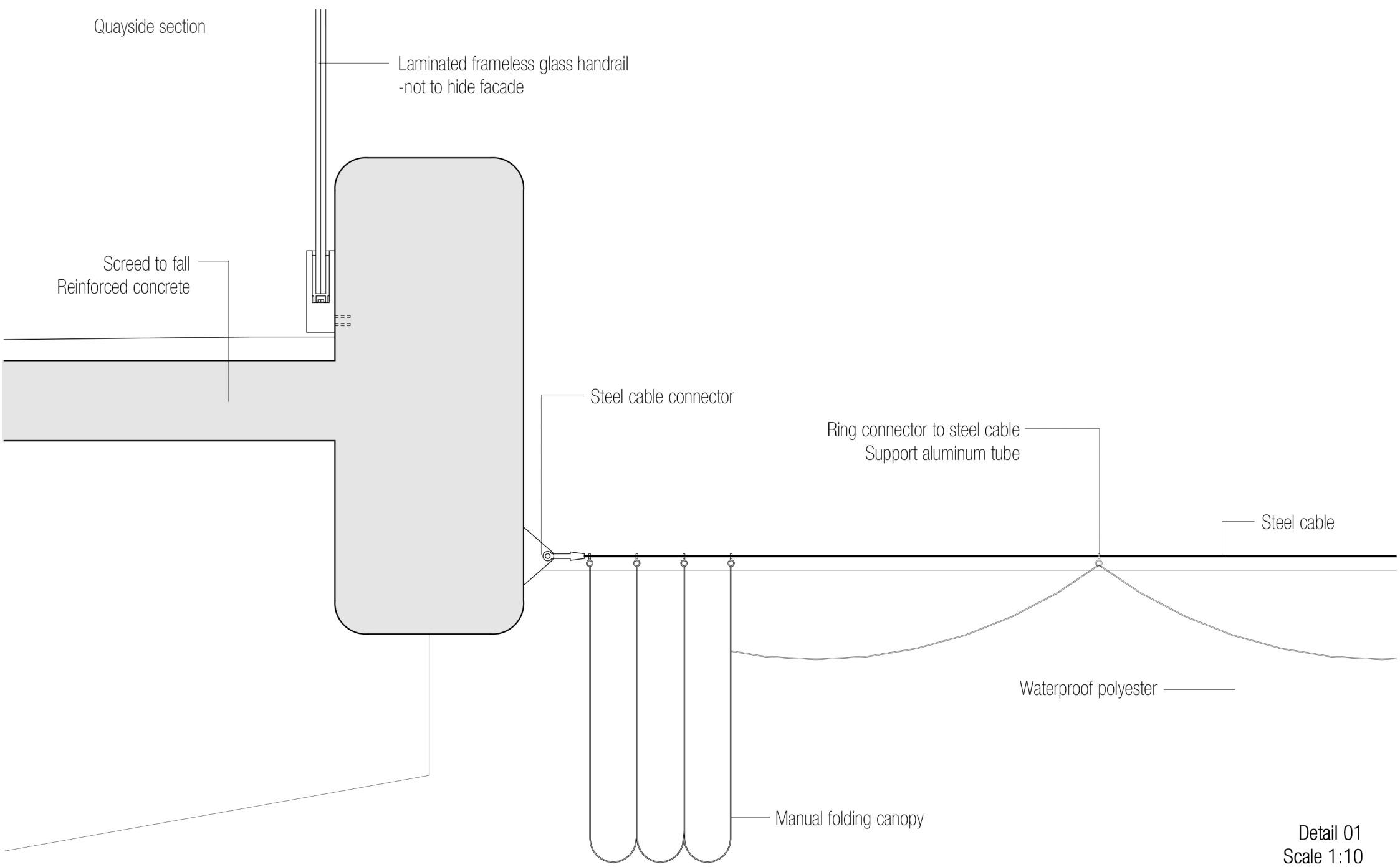
Marketplace

Extension of Marketplace

Gathering / Dining / Party

Boundary

Scale 1:100



Quayside section

Laminated frameless glass handrail
-not to hide facade

Screed to fall
Reinforced concrete

Steel cable connector

Ring connector to steel cable
Support aluminum tube

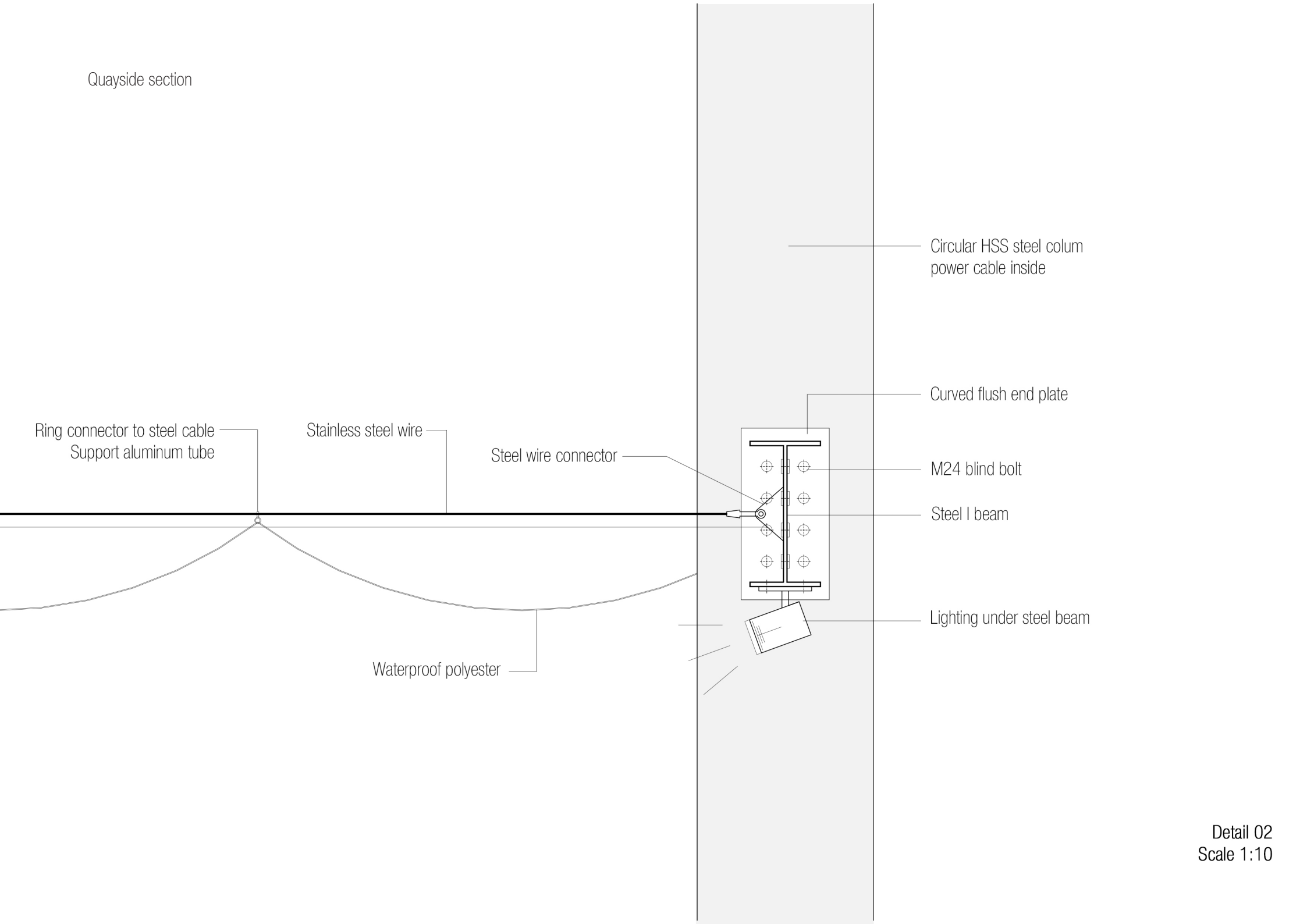
Steel cable

Waterproof polyester

Manual folding canopy

Detail 01
Scale 1:10

Quayside section



Ring connector to steel cable
Support aluminum tube

Stainless steel wire

Steel wire connector

Waterproof polyester

Circular HSS steel column
power cable inside

Curved flush end plate

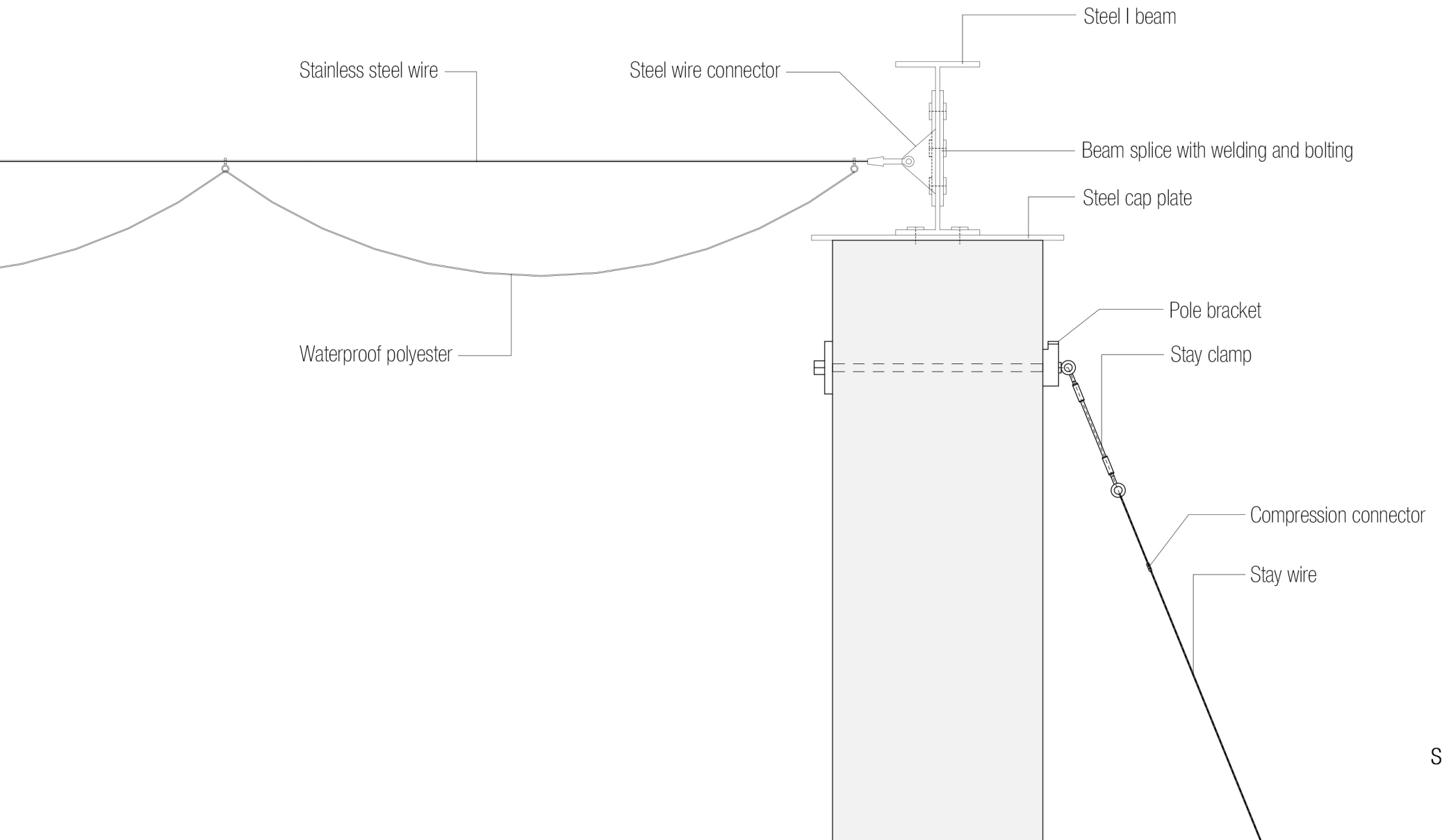
M24 blind bolt

Steel I beam

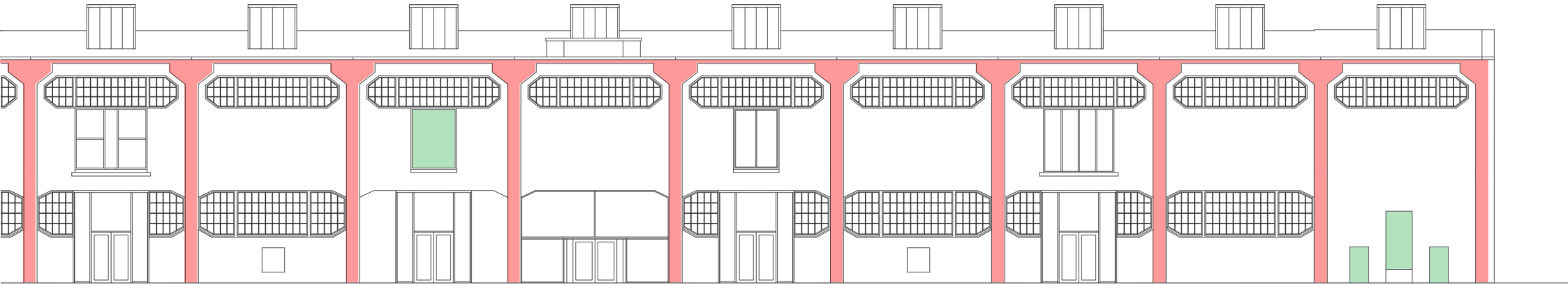
Lighting under steel beam

Detail 02
Scale 1:10

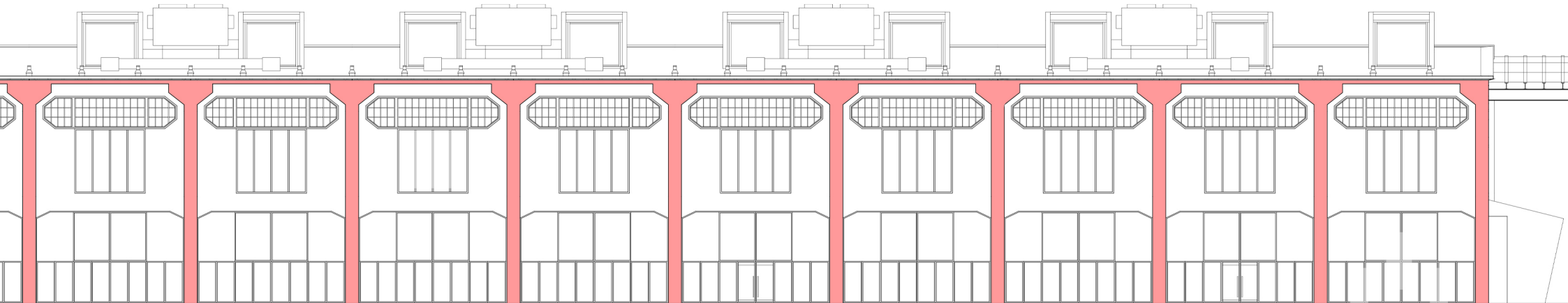
Quayside section



South facade



OLD



NEW

Scale 1:300

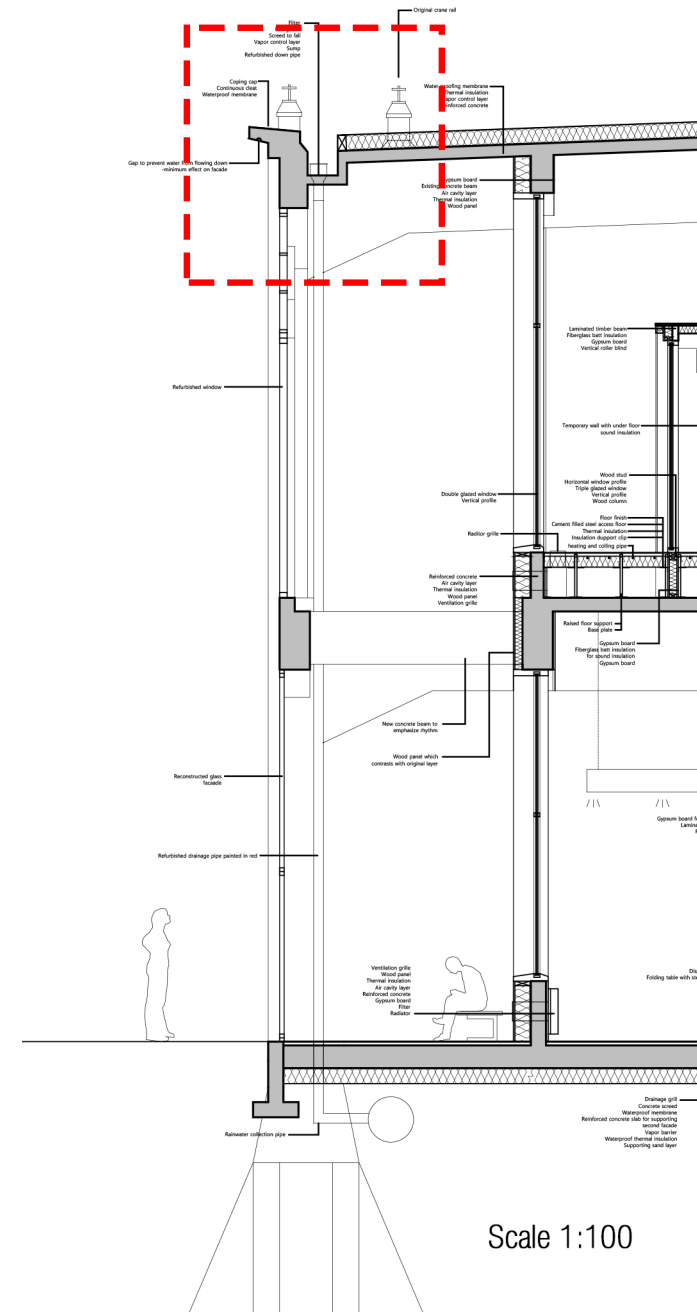
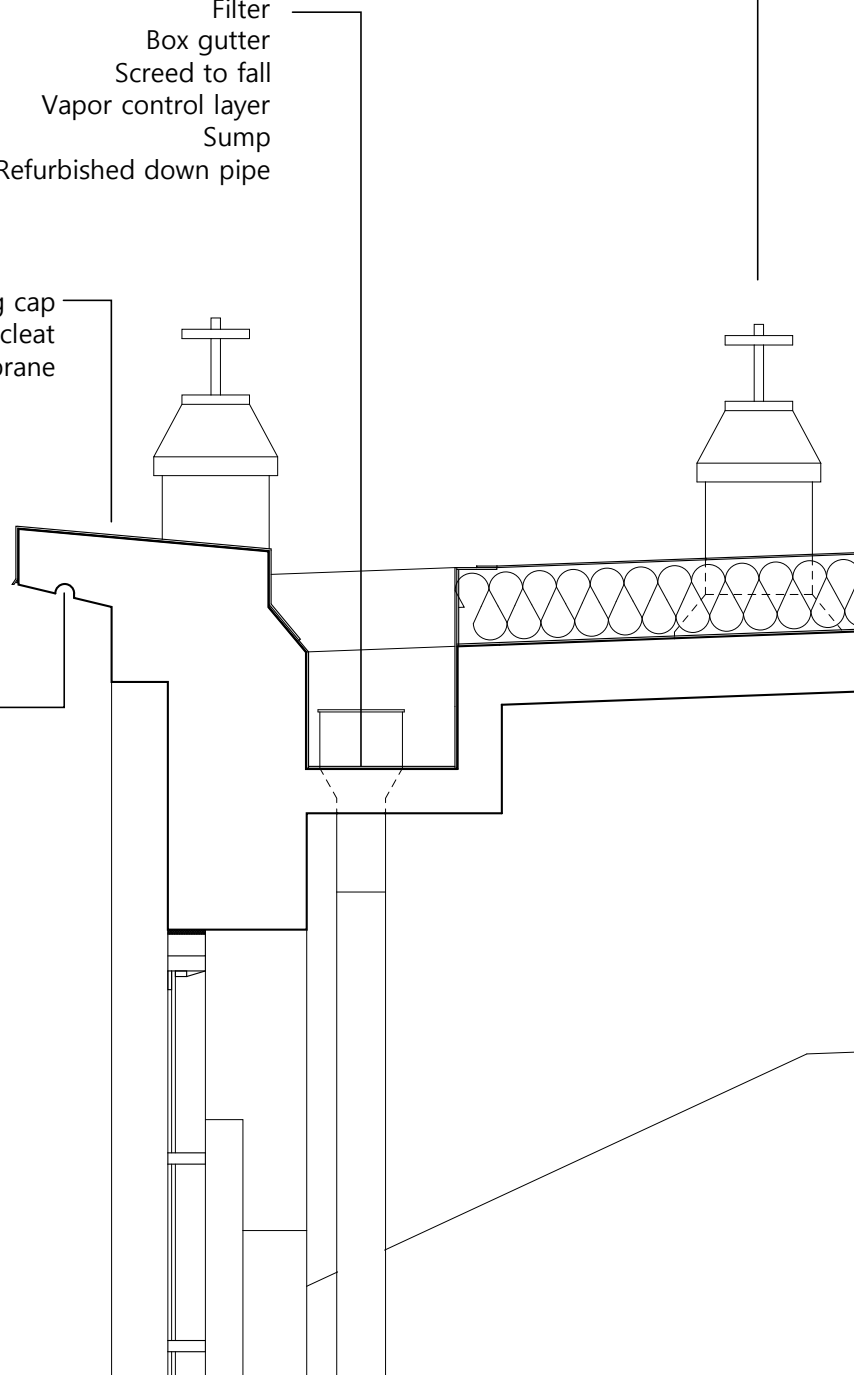
South facade

Or

Filter
 Box gutter
 Screed to fall
 Vapor control layer
 Sump
 Refurbished down pipe

Coping cap
 Continuous cleat
 Waterproof membrane

Gap to prevent water from flowing down
 -minimum effect on facade



Scale 1:100

North facade

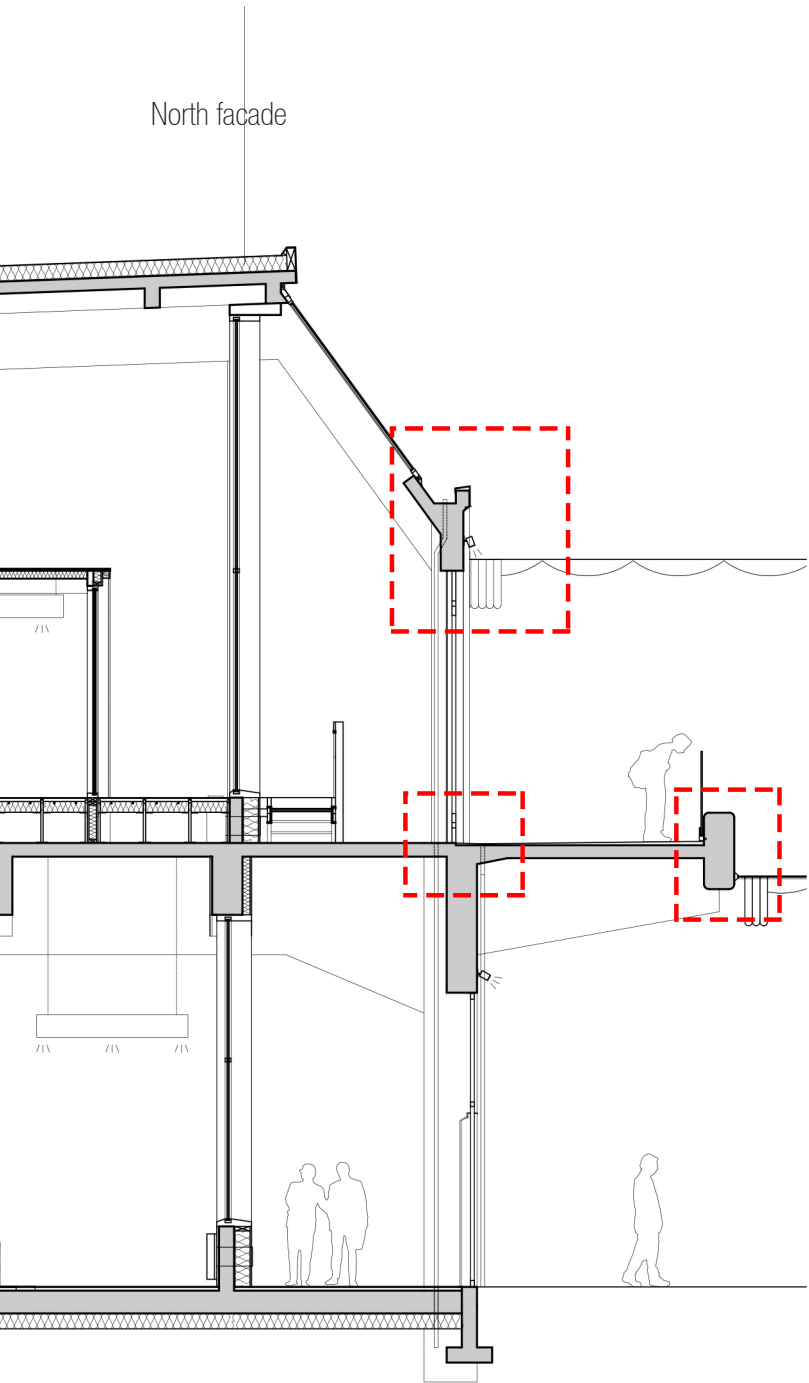


OLD

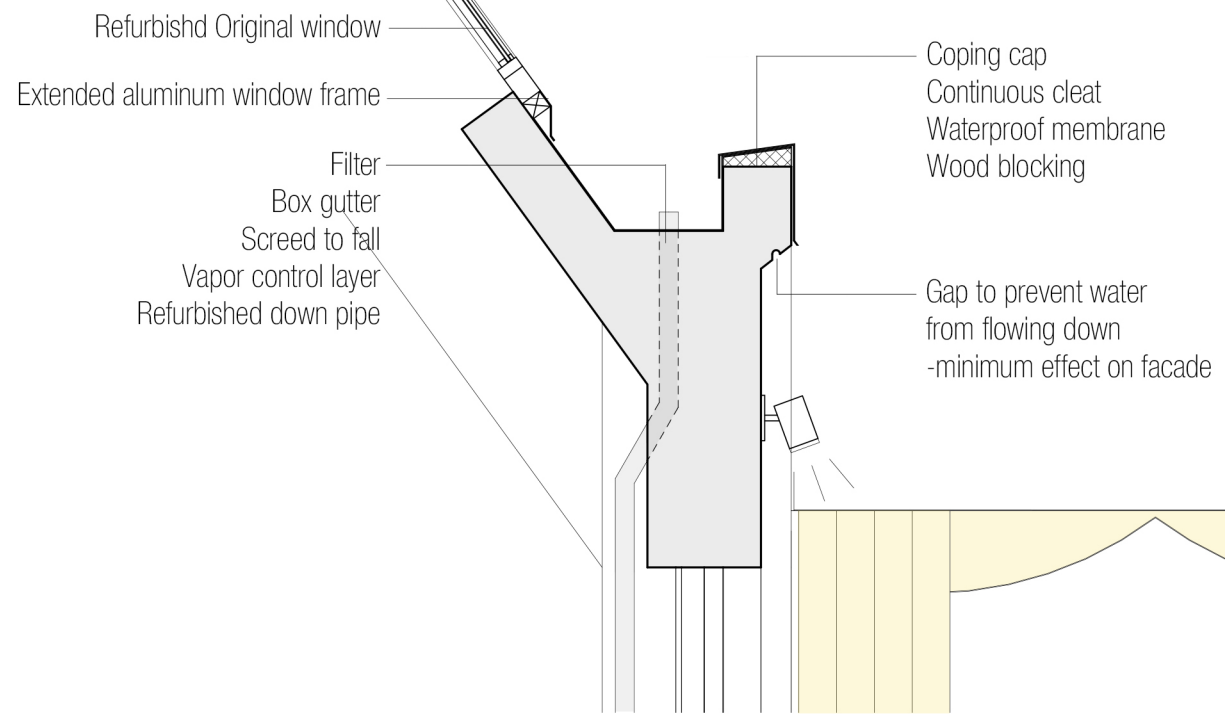


NEW

Scale 1:300

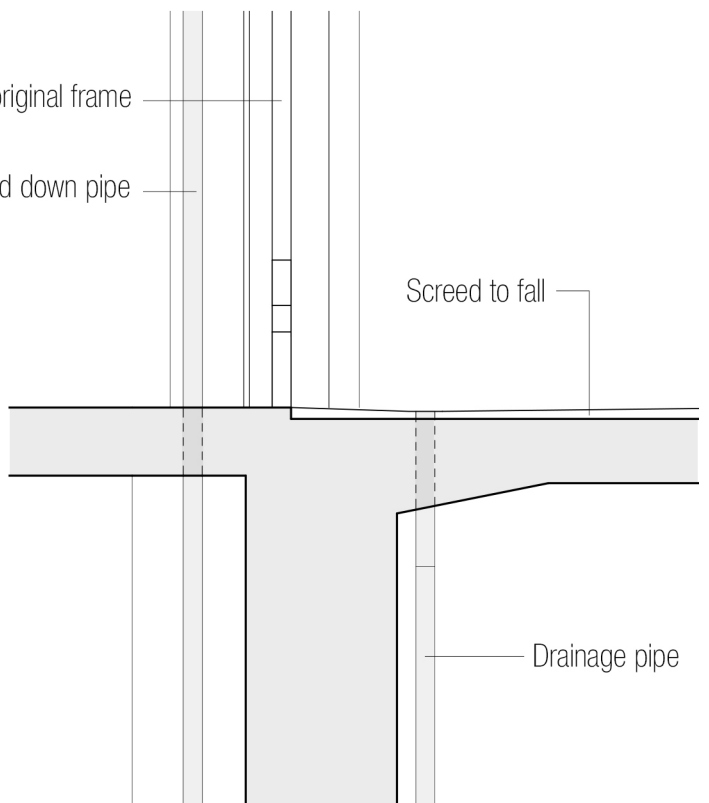


Scale 1:100



Scale 1:20

Refurbished original frame
 Refurbished down pipe



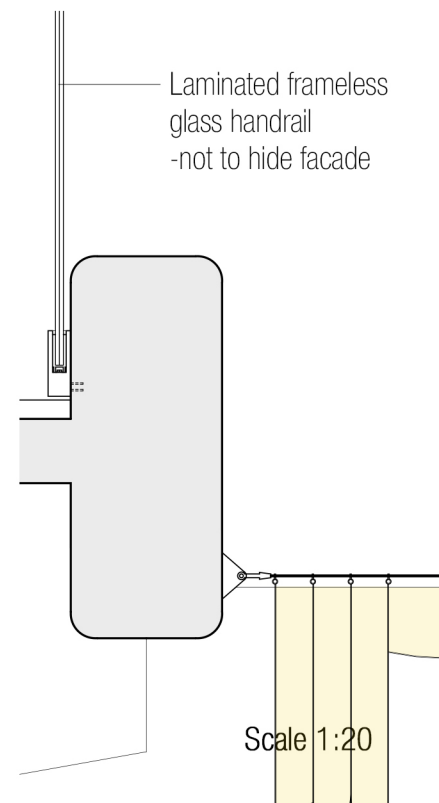
Screed to fall

Drainage pipe

Coping cap
 Continuous cleat
 Waterproof membrane
 Wood blocking

Gap to prevent water from flowing down
 -minimum effect on facade

Laminated frameless glass handrail
 -not to hide facade



Scale 1:20

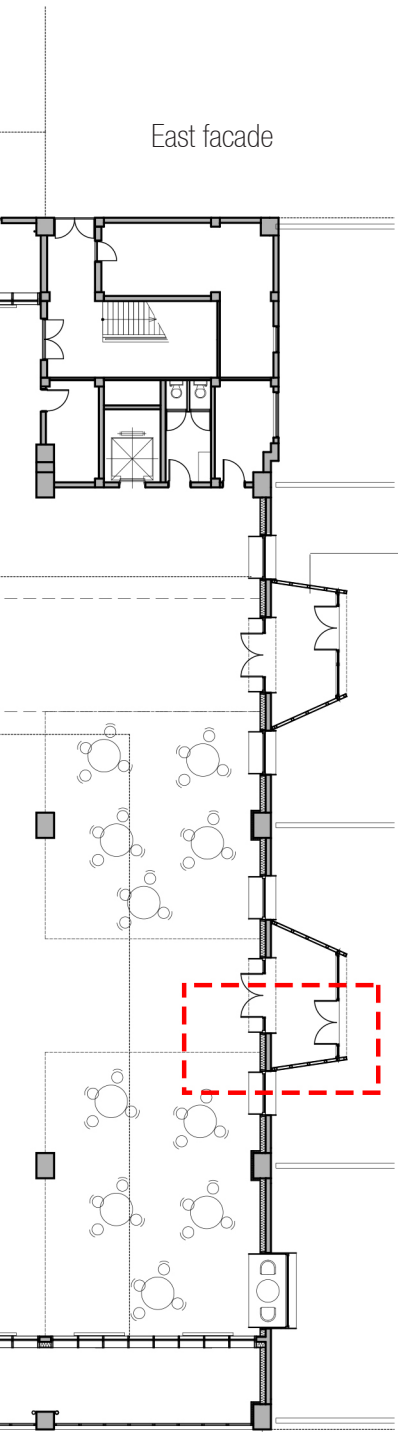
East facade



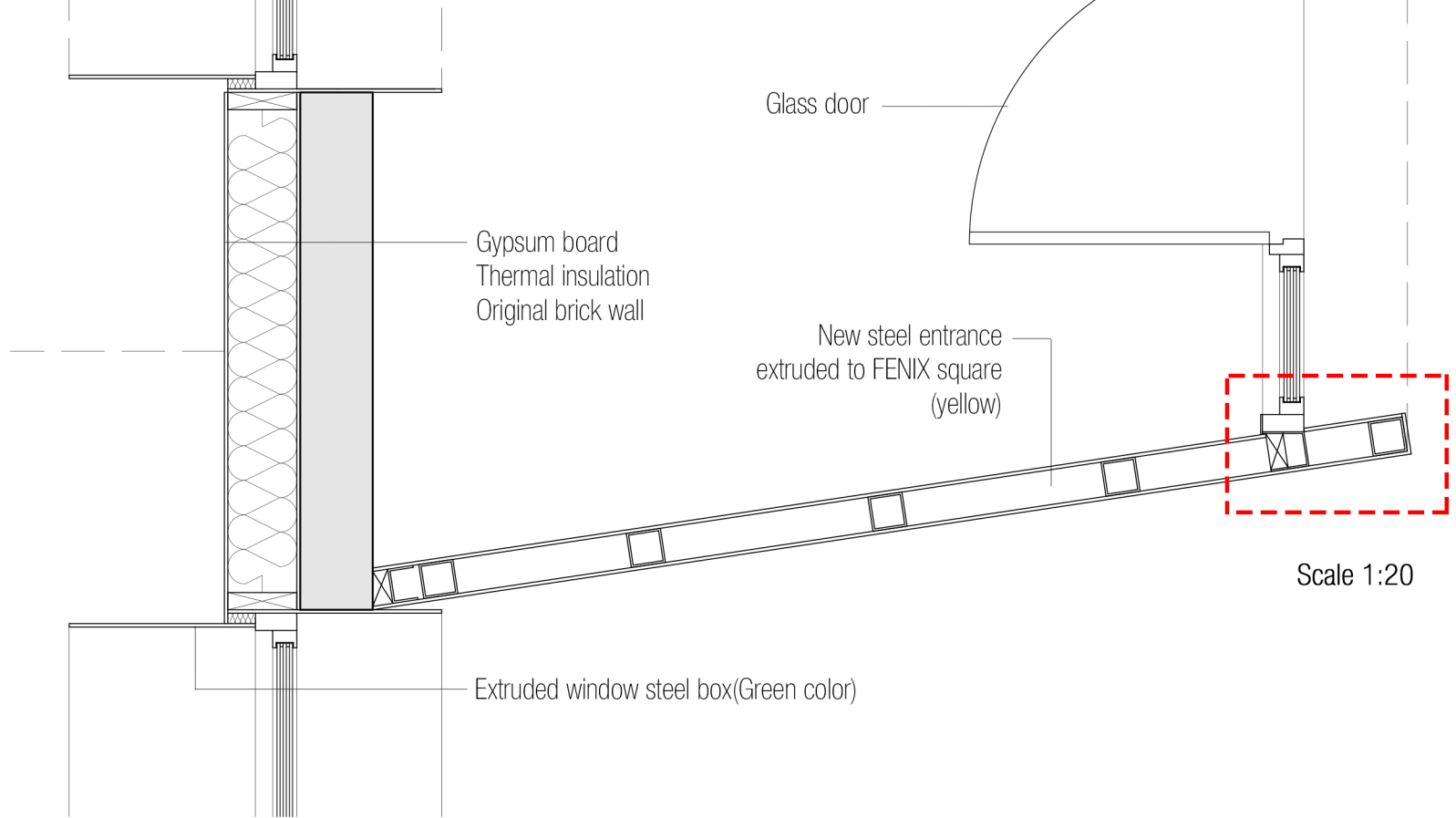
OLD



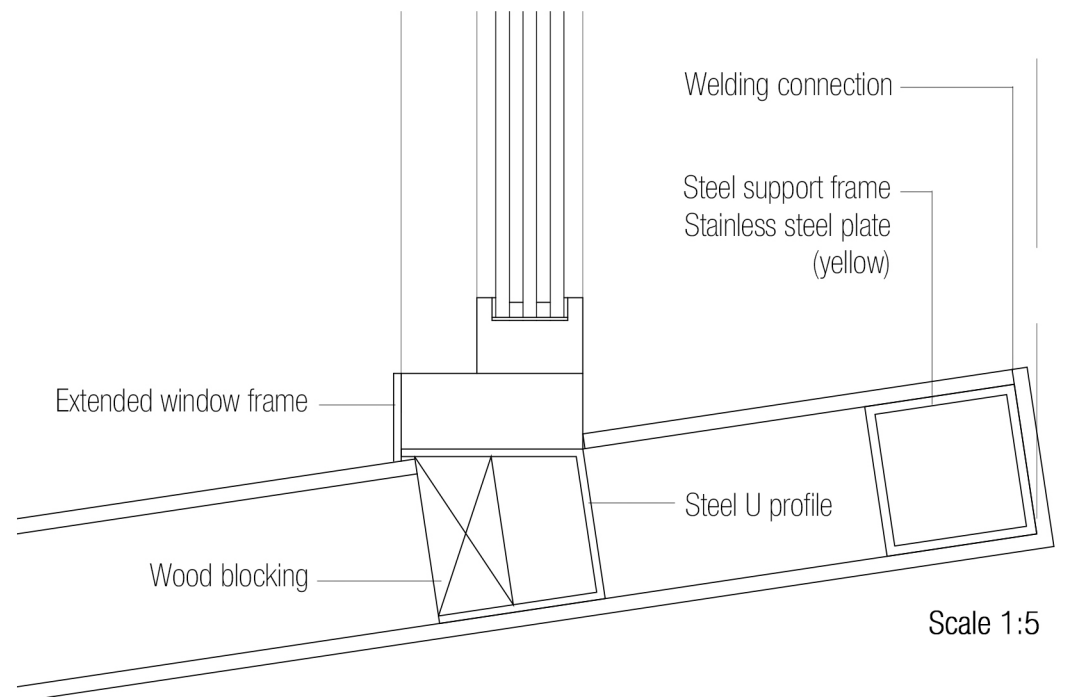
NEW



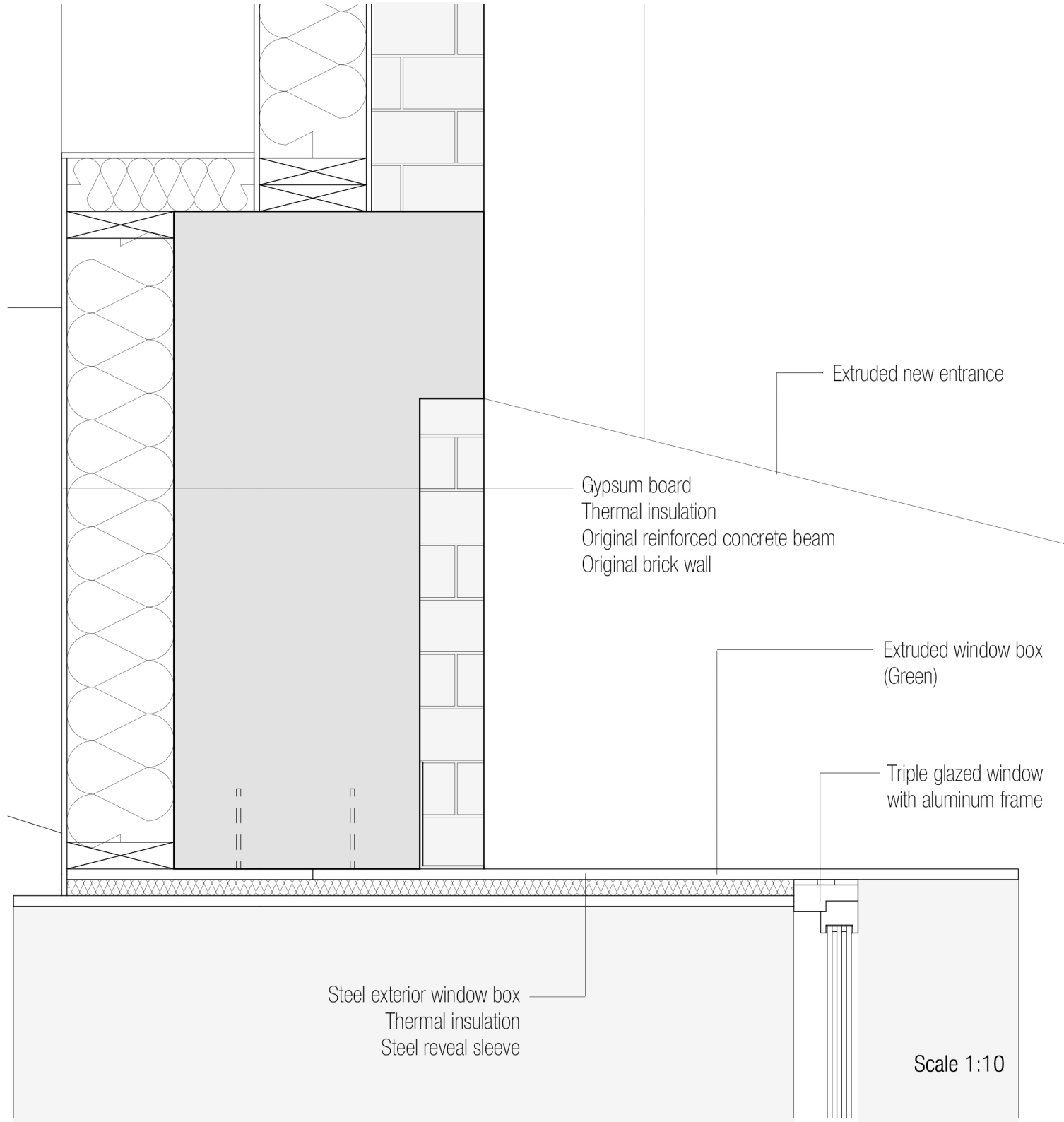
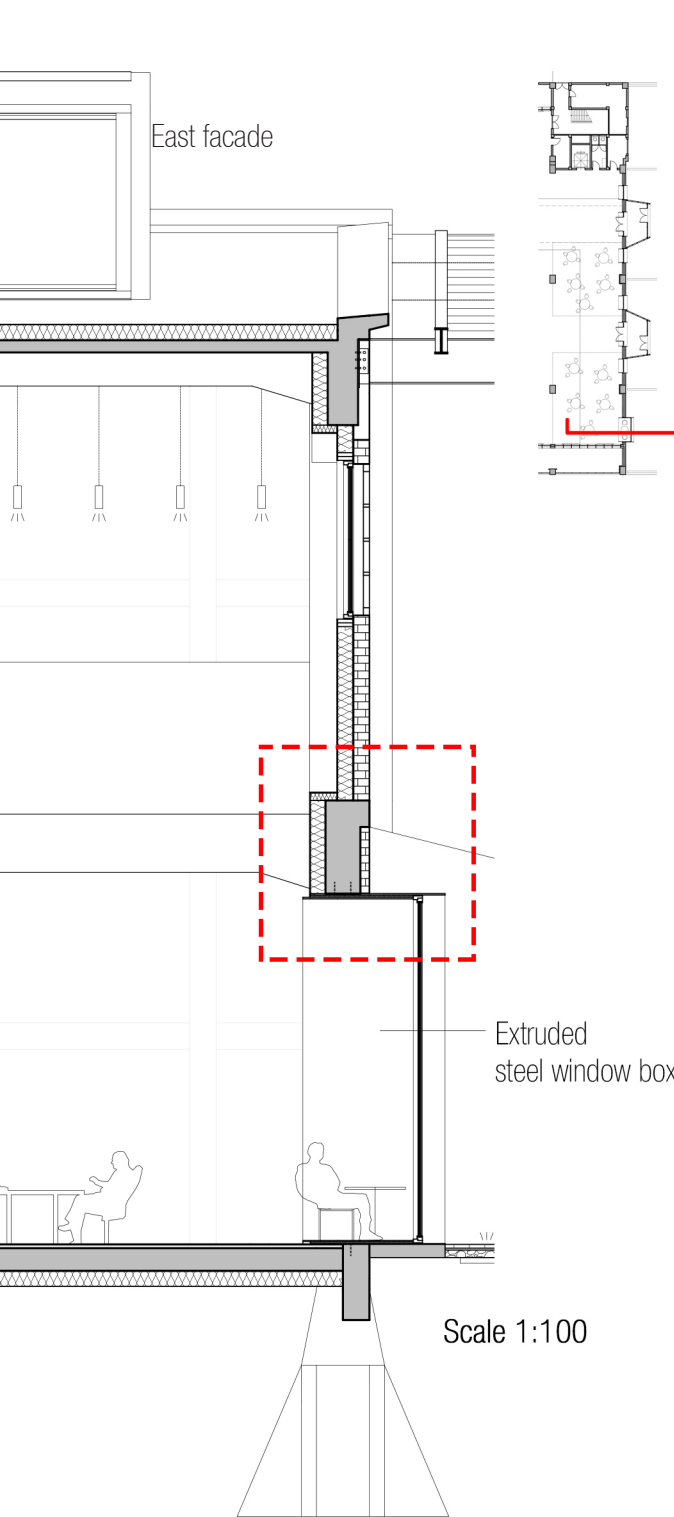
Scale 1:300

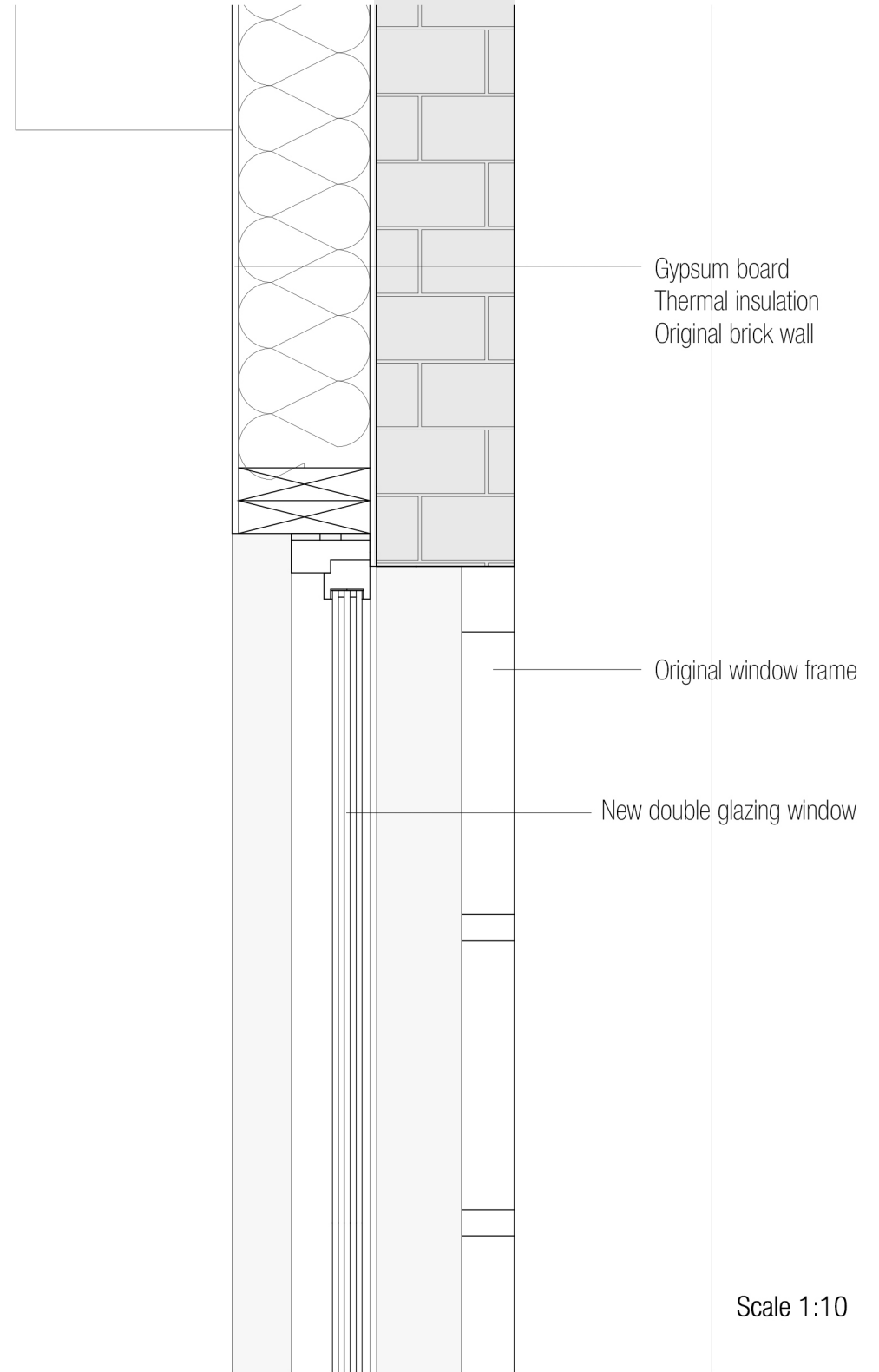
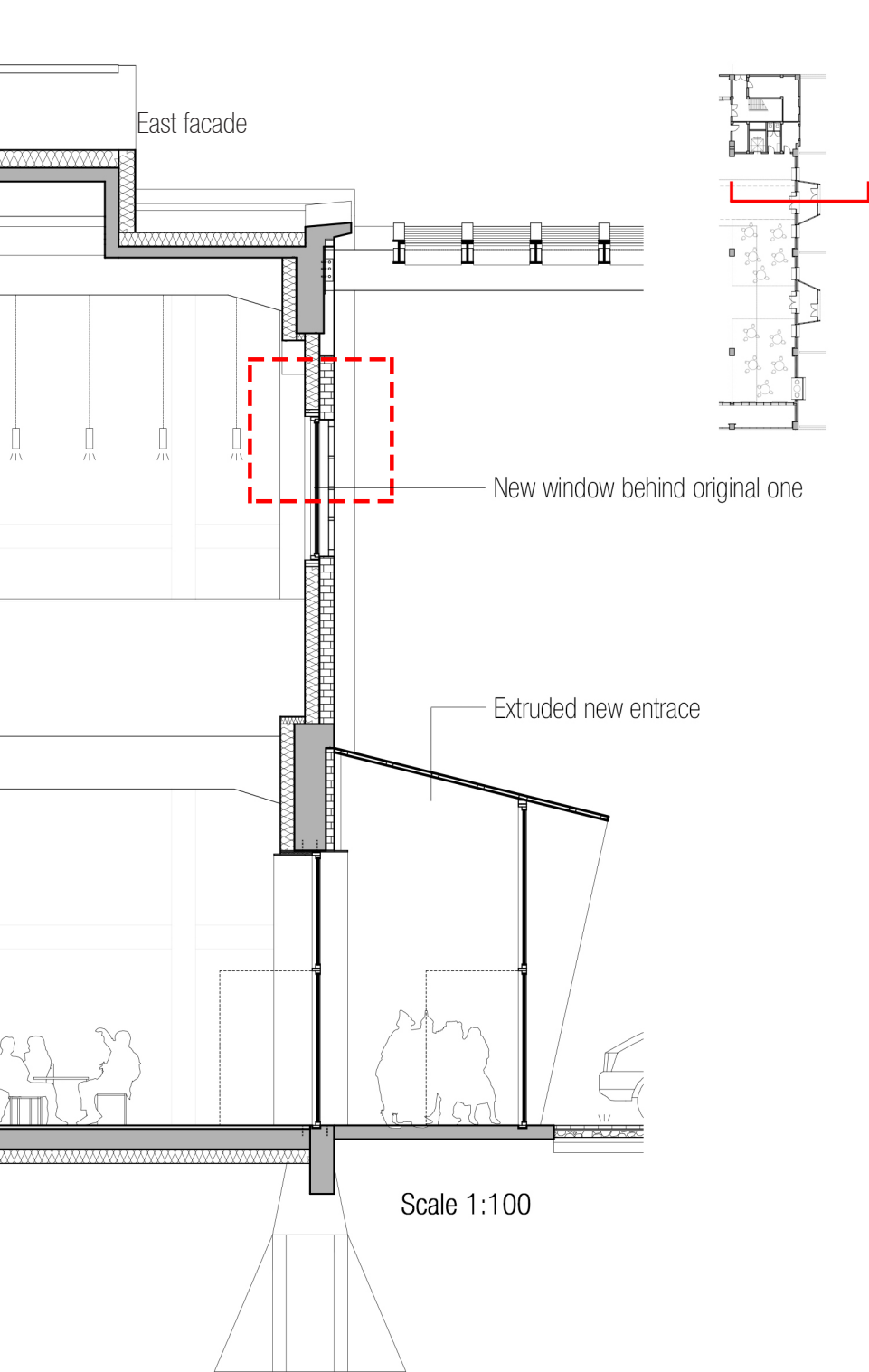


Scale 1:20



Scale 1:5

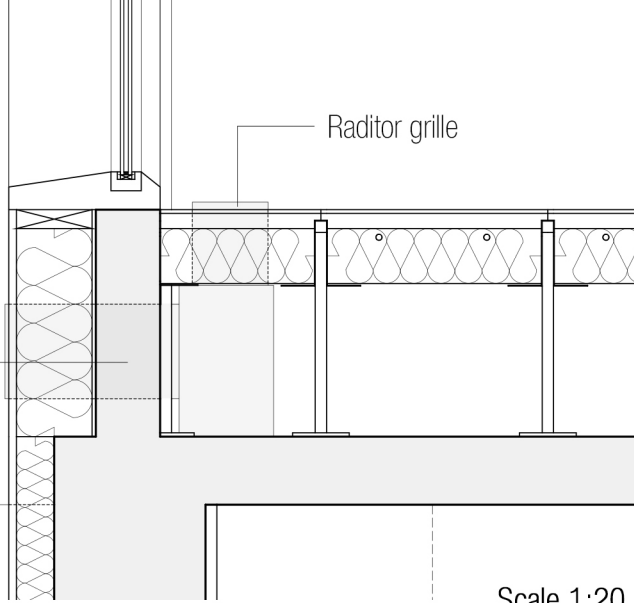




Second facade

Radiator grille

Reinforced concrete
Air cavity layer
Thermal insulation
Gypsum board
Ventilation grille

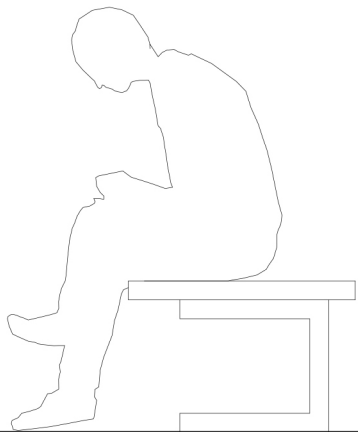


Scale 1:20

Double glazed window
Vertical profile

Ventilation grille
Gypsum board
Thermal insulation
Air cavity layer
Reinforced concrete
Gypsum board
Filter
Radiator

Supported by new ground floor slab



Scale 1:20

Material: Concrete
rates of change / hardness

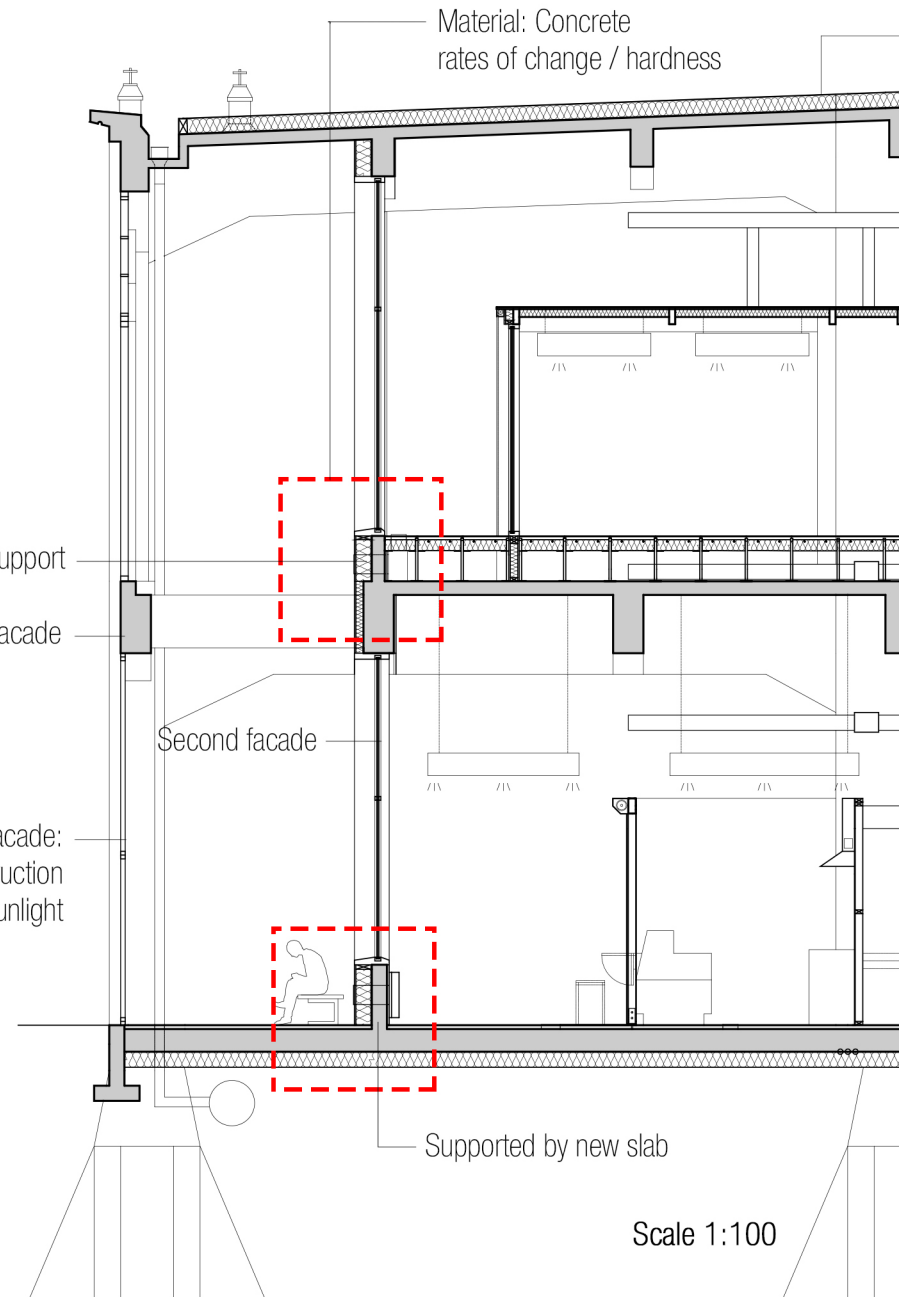
Climate support

Original facade

Second facade

Glass facade:
reconstruction
more sunlight

Supported by new slab



Scale 1:100

Second facade

sheet metal

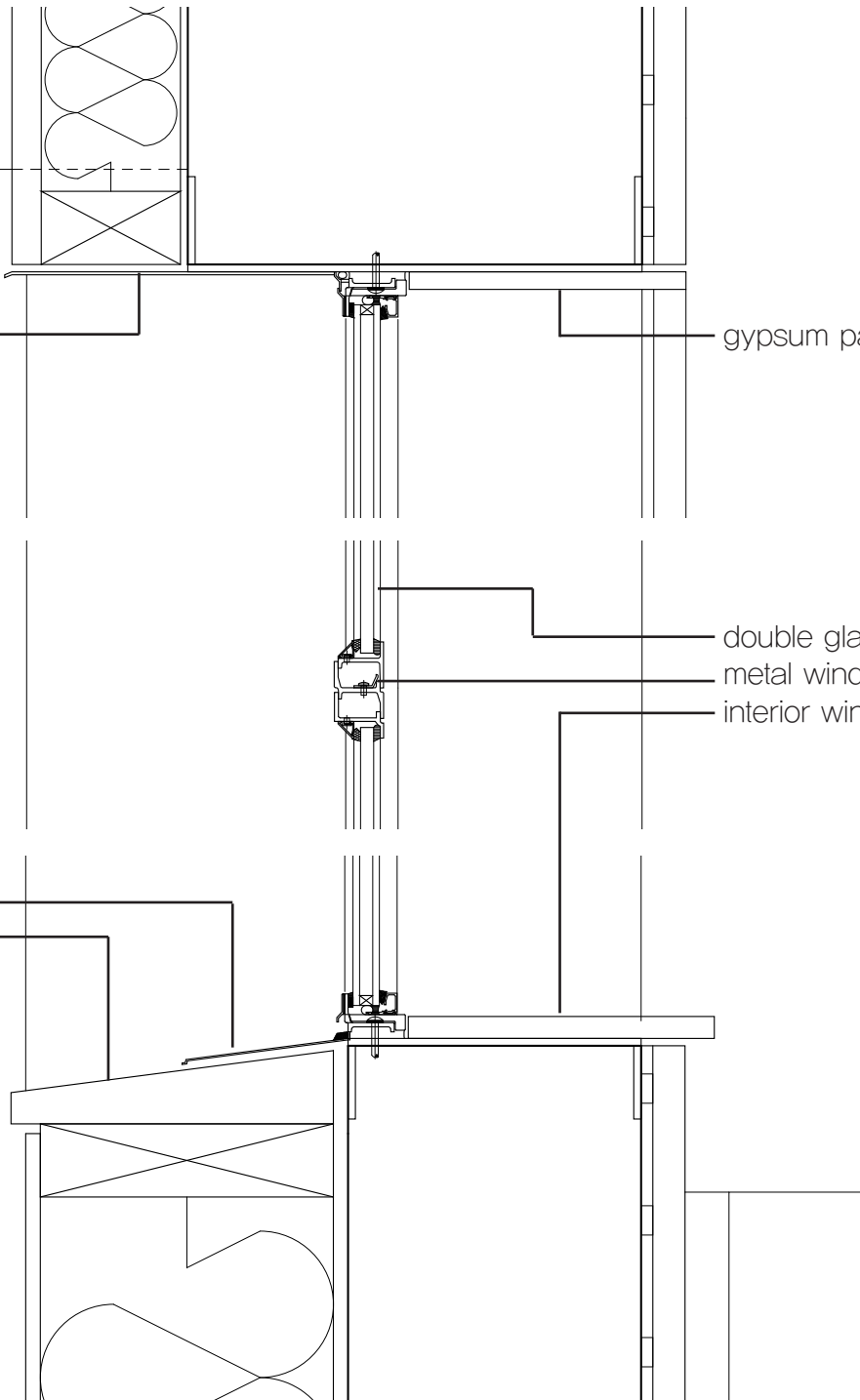
gypsum panel

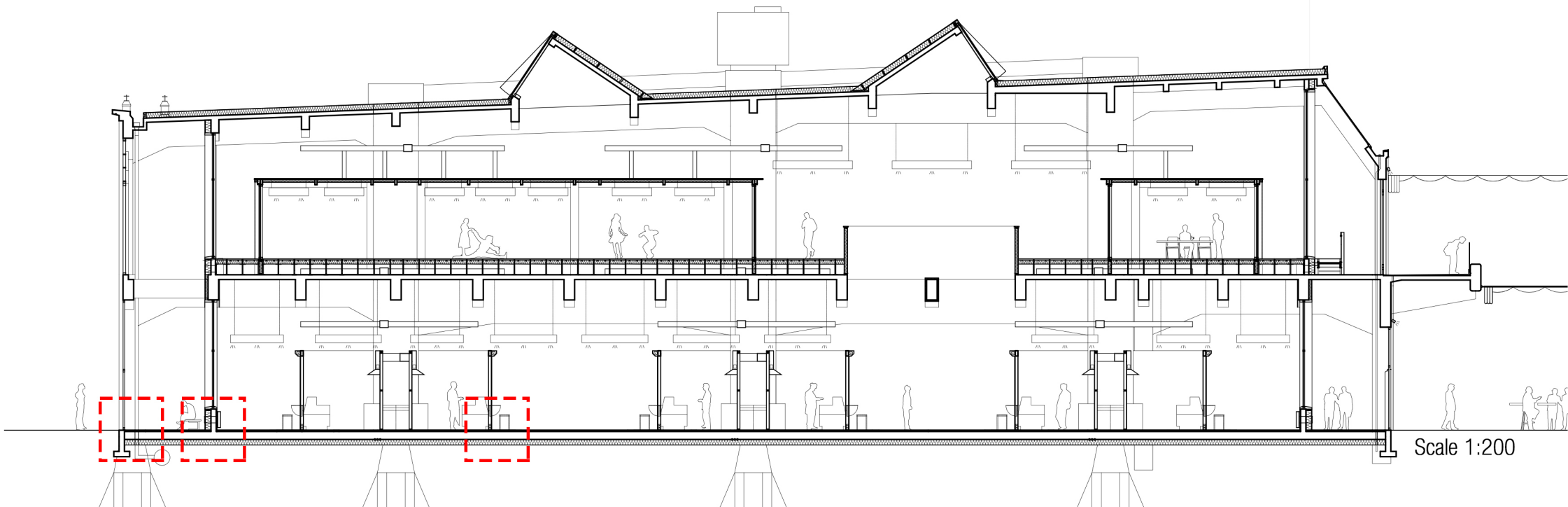
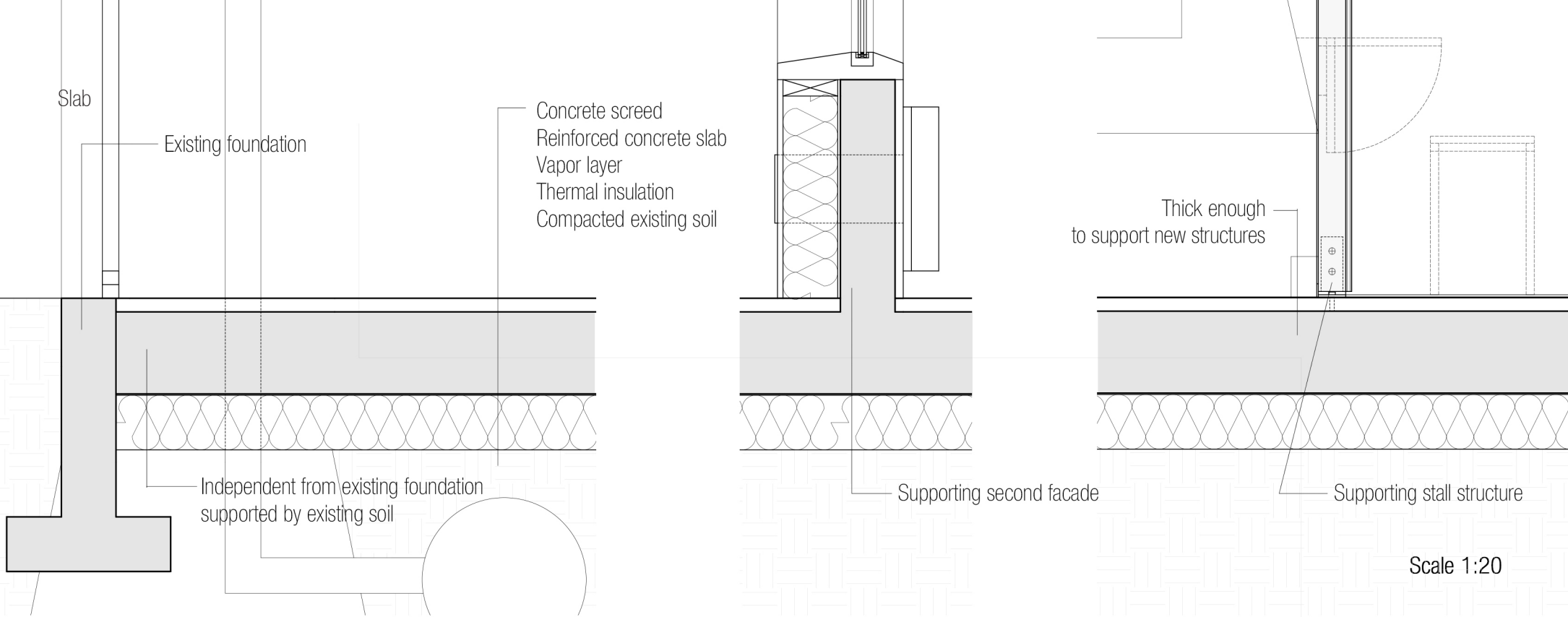
double glazed window

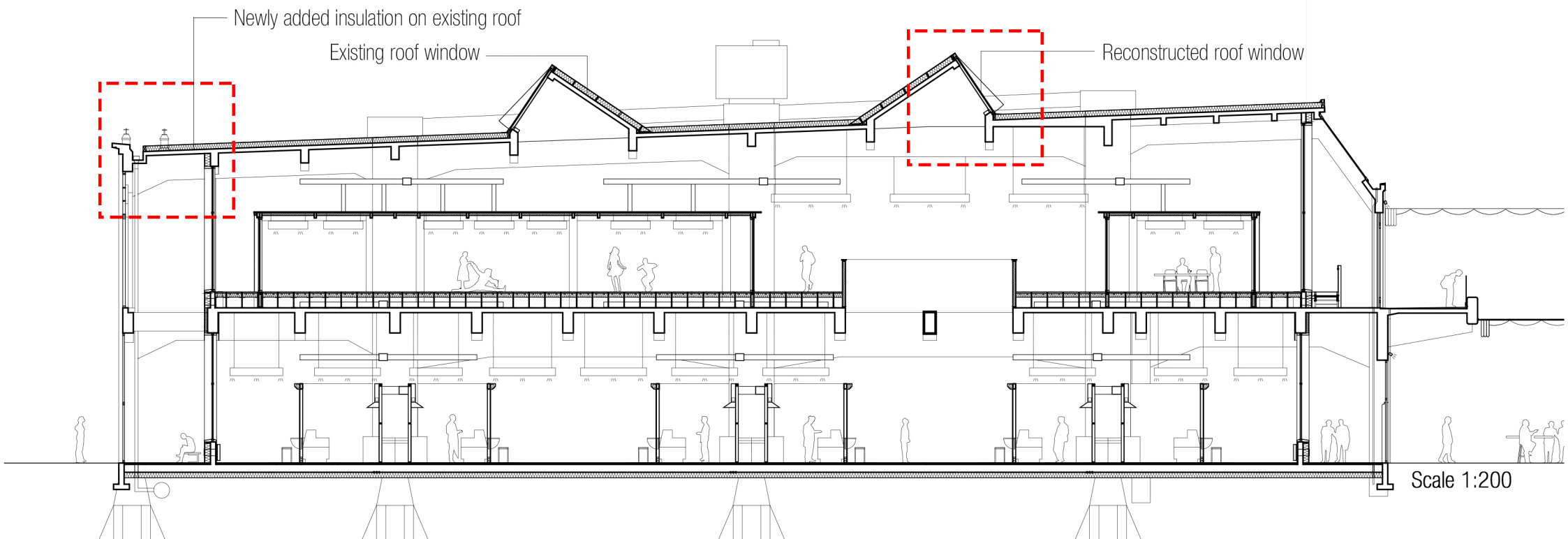
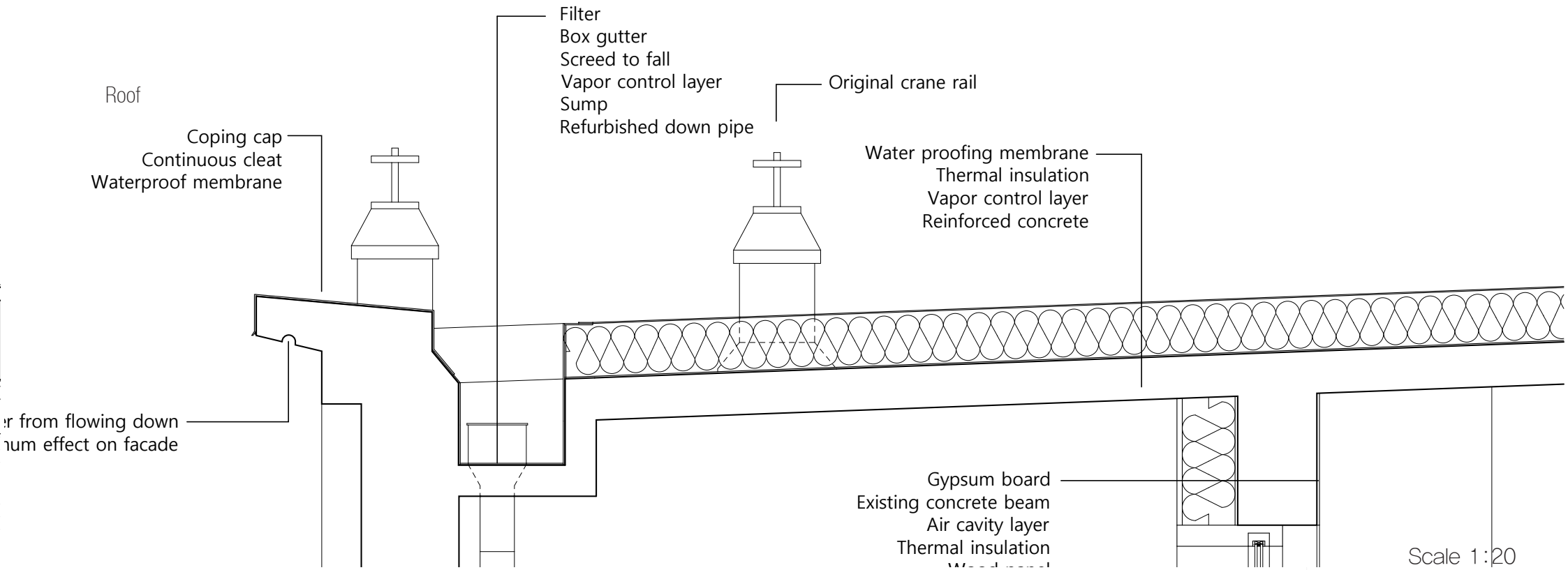
metal window frame

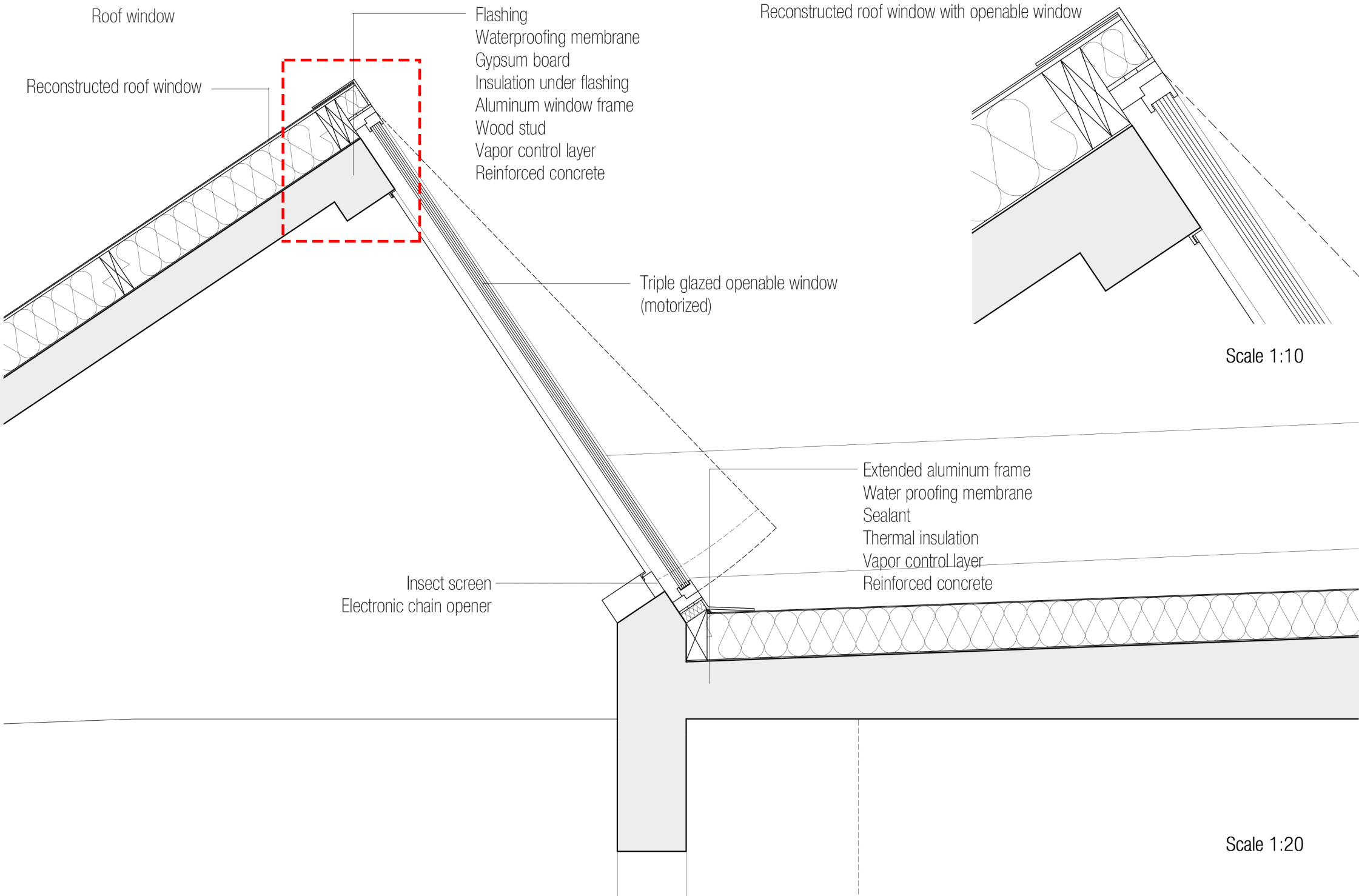
interior window sill with grey coating

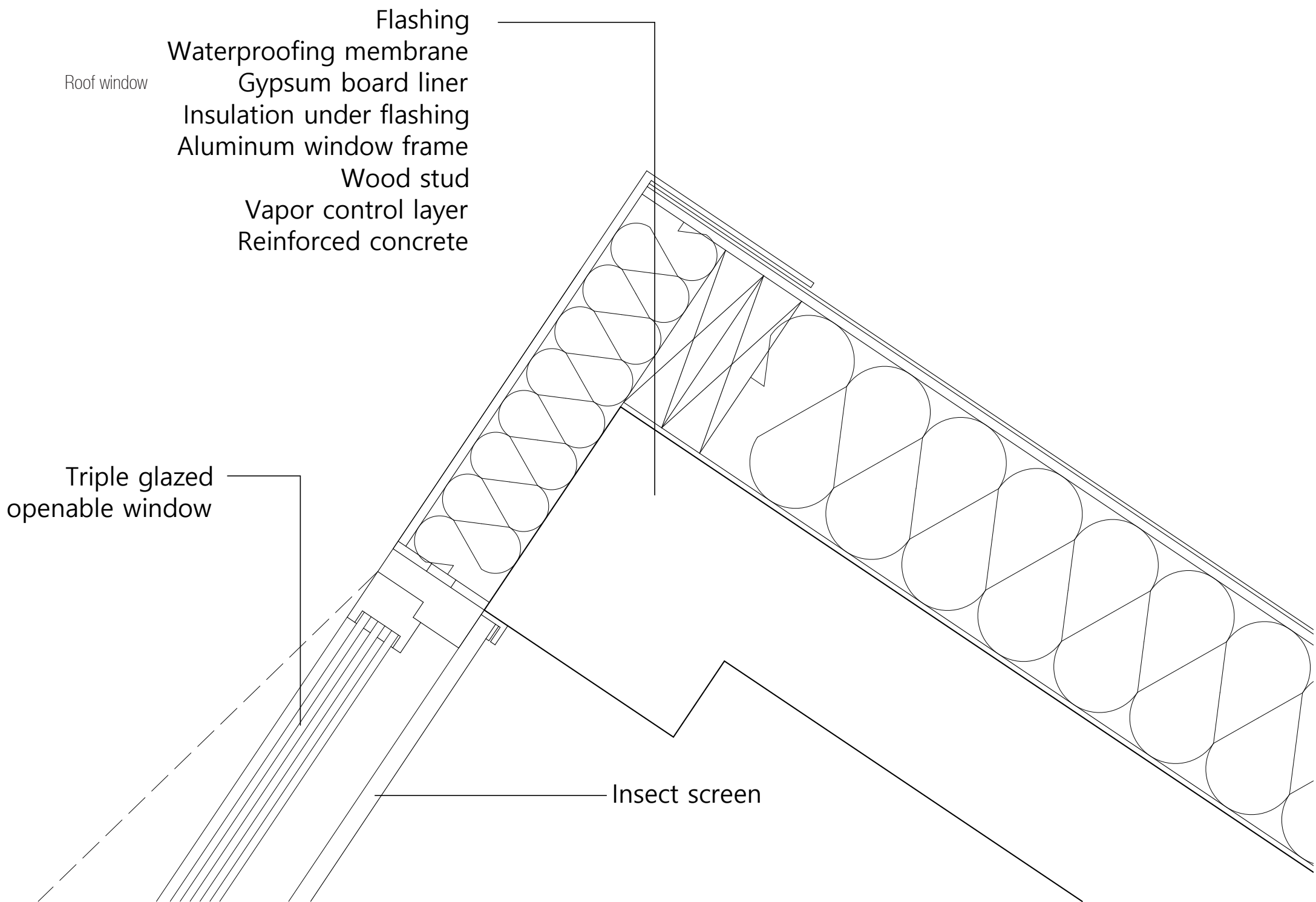
sloped sheet metal sill flashing
sloped precast sill











Ground floor

Original grid made by existing structure

Irregular in grid system

Fixed space plan (boundary) defined by old and new grid

Irregular in grid system

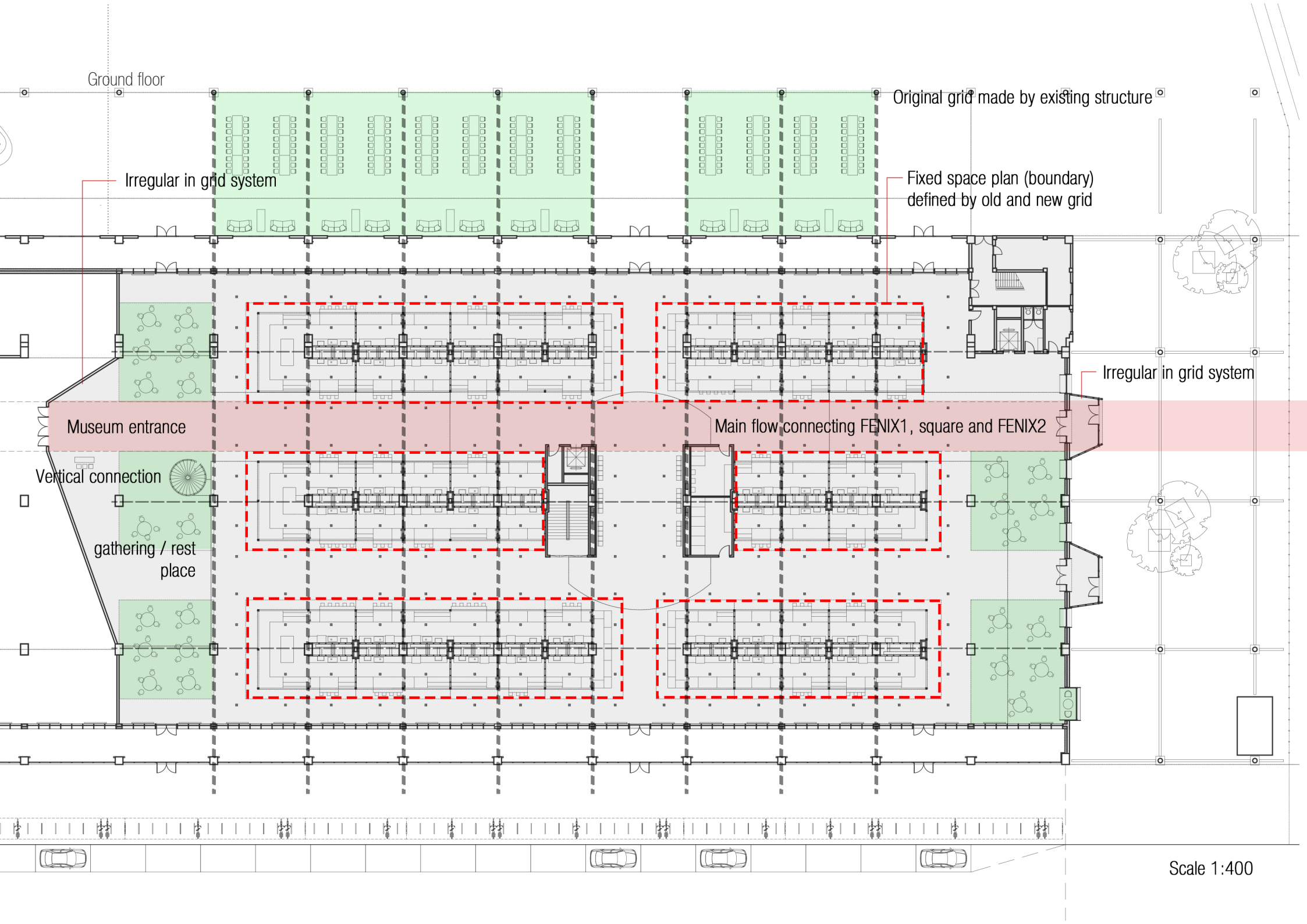
Museum entrance

Main flow connecting FENIX1, square and FENIX2

Vertical connection

gathering / rest place

Scale 1:400



Ground floor

Old grid line
made by existing column

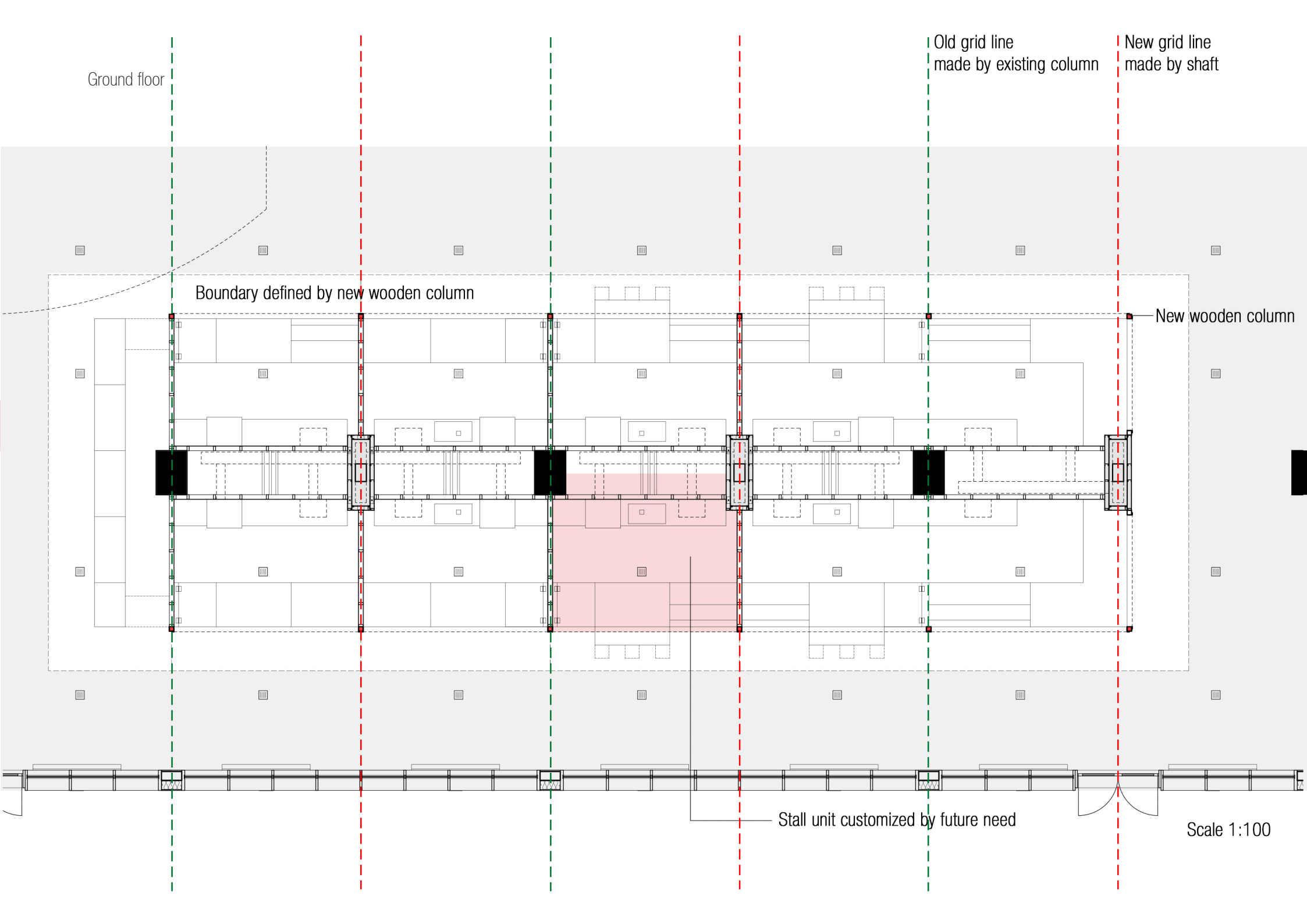
New grid line
made by shaft

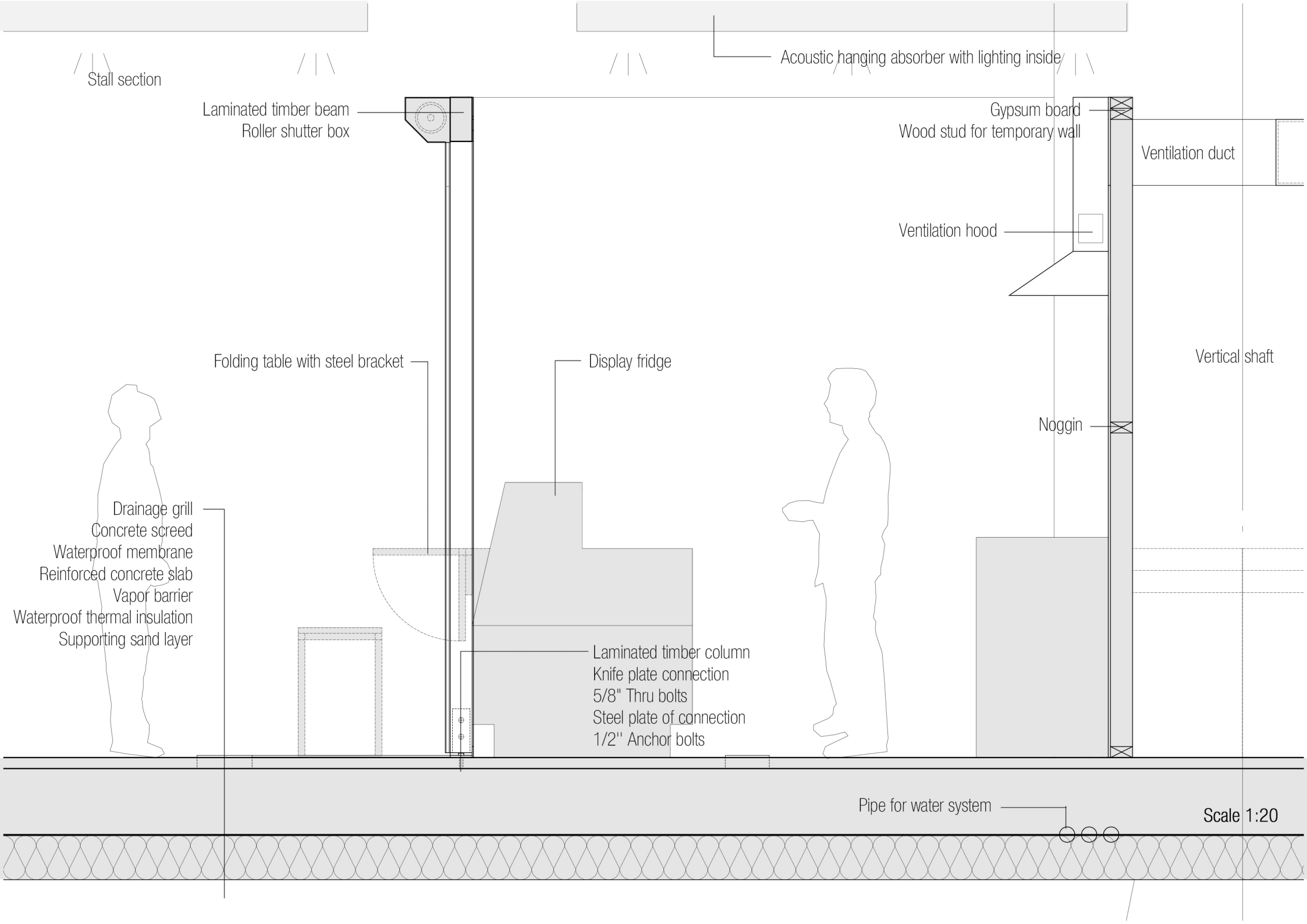
Boundary defined by new wooden column

New wooden column

Stall unit customized by future need

Scale 1:100





Stall section

Acoustic hanging absorber with lighting inside

Laminated timber beam
Roller shutter box

Gypsum board
Wood stud for temporary wall

Ventilation duct

Ventilation hood

Folding table with steel bracket

Display fridge

Vertical shaft

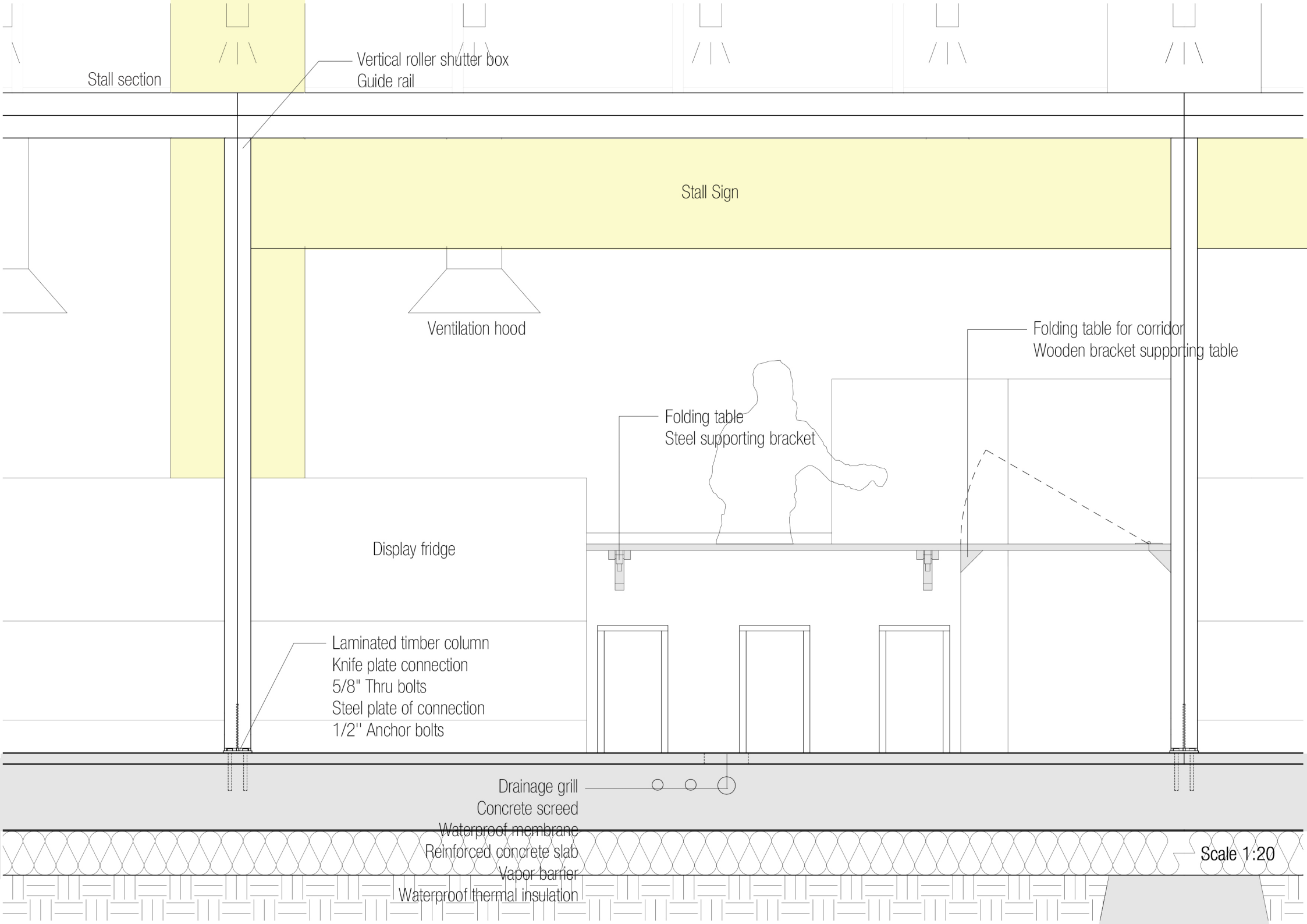
Noggin

Drainage grill
Concrete screed
Waterproof membrane
Reinforced concrete slab
Vapor barrier
Waterproof thermal insulation
Supporting sand layer

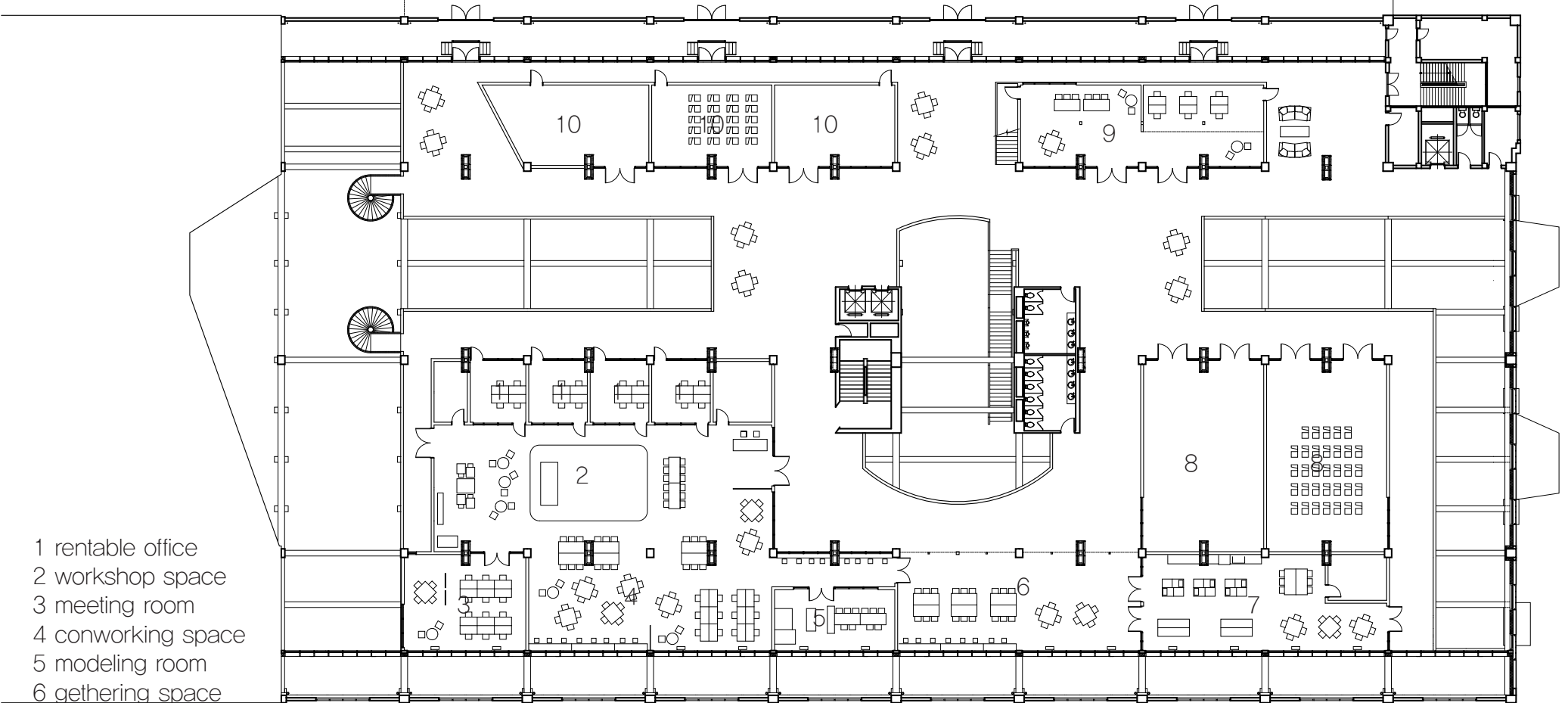
Laminated timber column
Knife plate connection
5/8" Thru bolts
Steel plate of connection
1/2" Anchor bolts

Pipe for water system

Scale 1:20

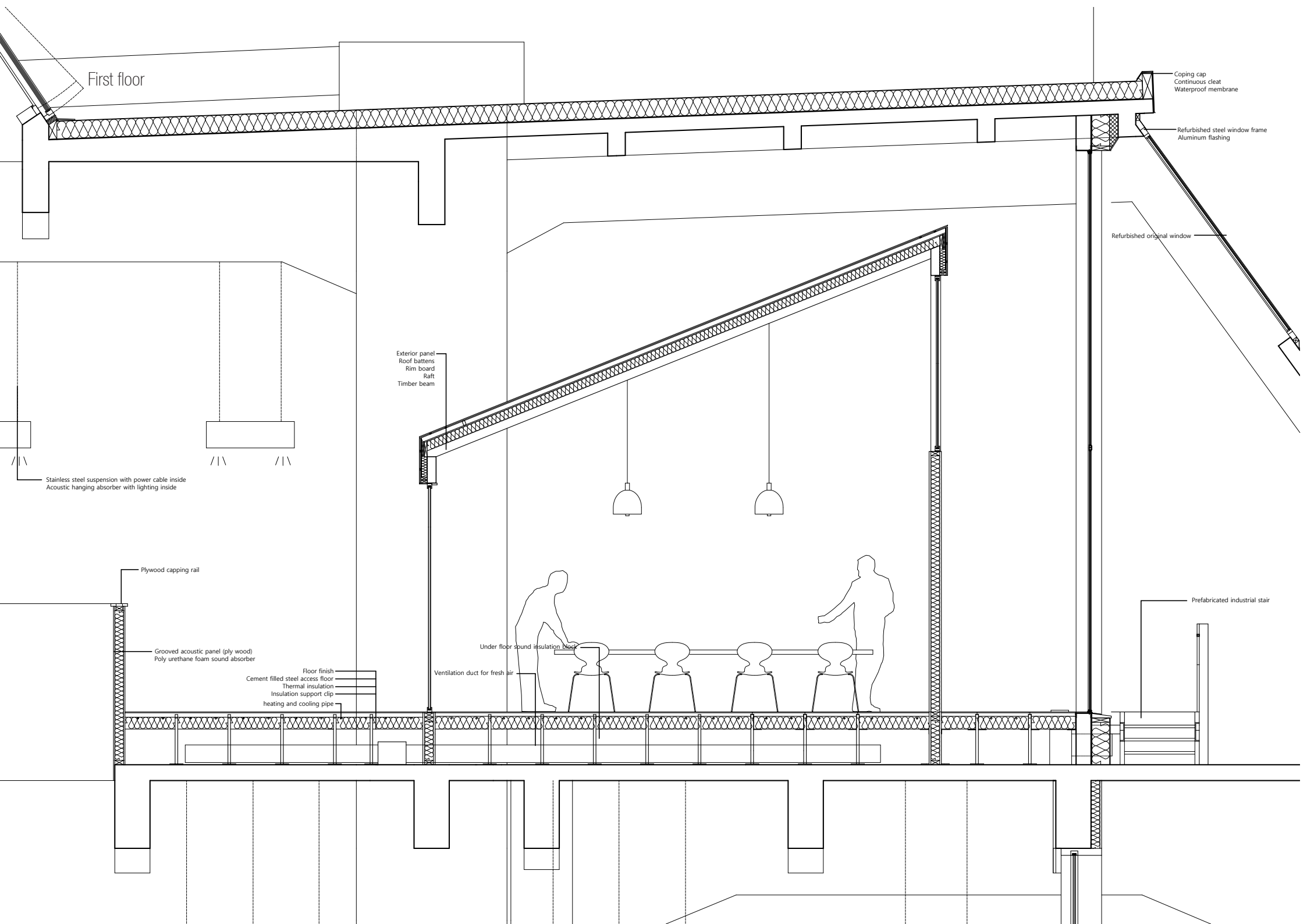


First floor



- 1 rentable office
- 2 workshop space
- 3 meeting room
- 4 conworking space
- 5 modeling room
- 6 gethering space
- 7 share kitchen
- 8 large event hall
- 9 supporting office
- 10 muti funtional room

Scale 1:400



First floor

Coping cap
Continuous cleat
Waterproof membrane

Refurbished steel window frame
Aluminum flashing

Refurbished original window

Exterior panel
Roof batters
Rim board
Raft
Timber beam

Stainless steel suspension with power cable inside
Acoustic hanging absorber with lighting inside

Prefabricated industrial stair

Plywood capping rail

Grooved acoustic panel (ply wood)
Poly urethane foam sound absorber

Floor finish
Cement filled steel access floor
Thermal insulation
Insulation support clip
heating and cooling pipe

Under floor sound insulation block

Ventilation duct for fresh air

First floor

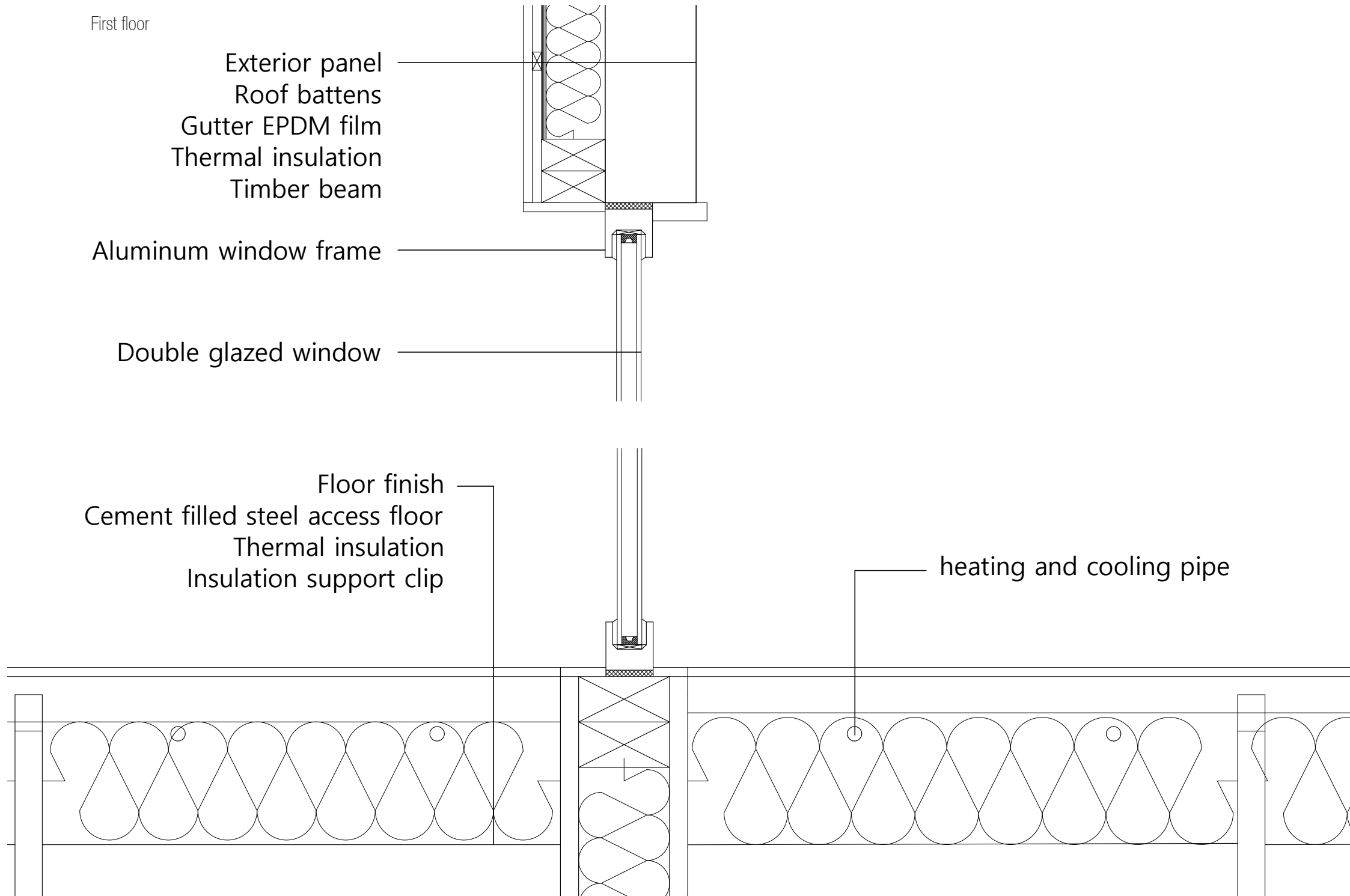
Exterior panel
Roof battens
Gutter EPDM film
Thermal insulation
Timber beam

Aluminum window frame

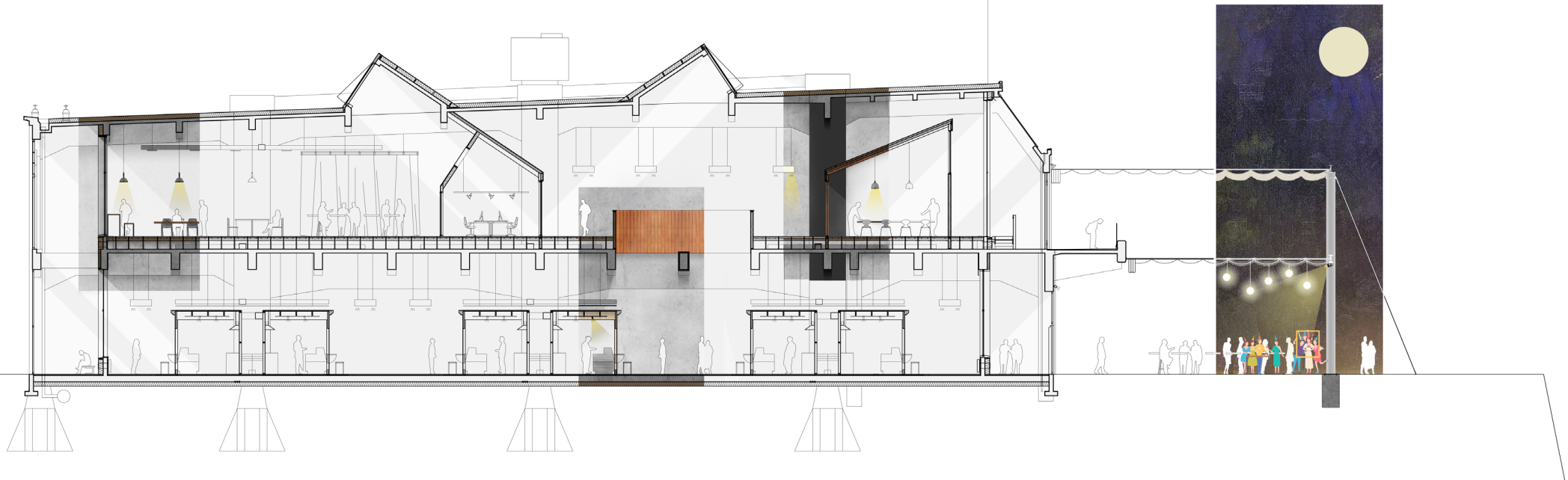
Double glazed window

Floor finish
Cement filled steel access floor
Thermal insulation
Insulation support clip

heating and cooling pipe



Cross section



Horizontal section

