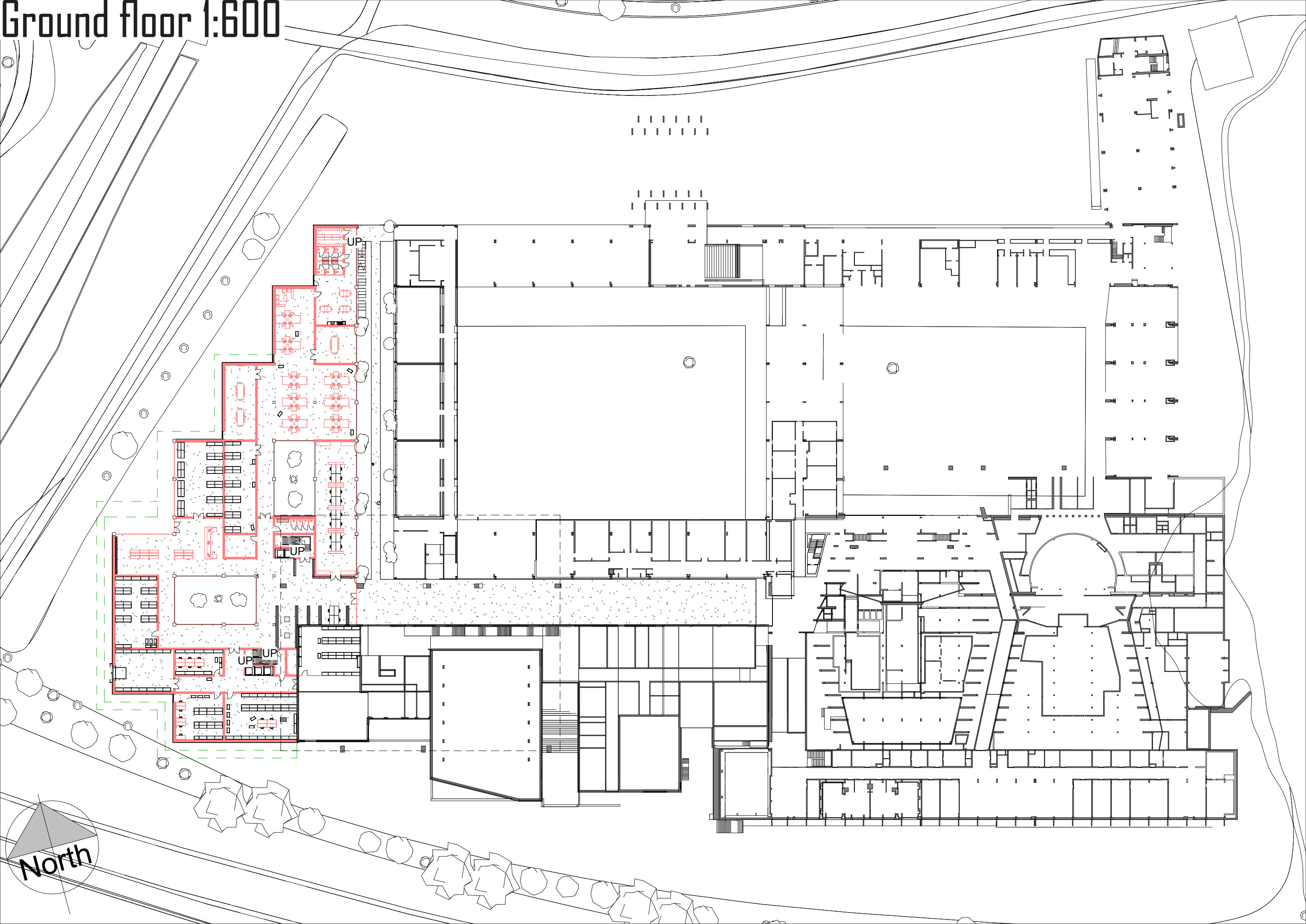
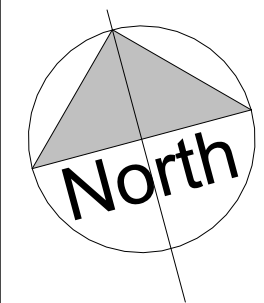
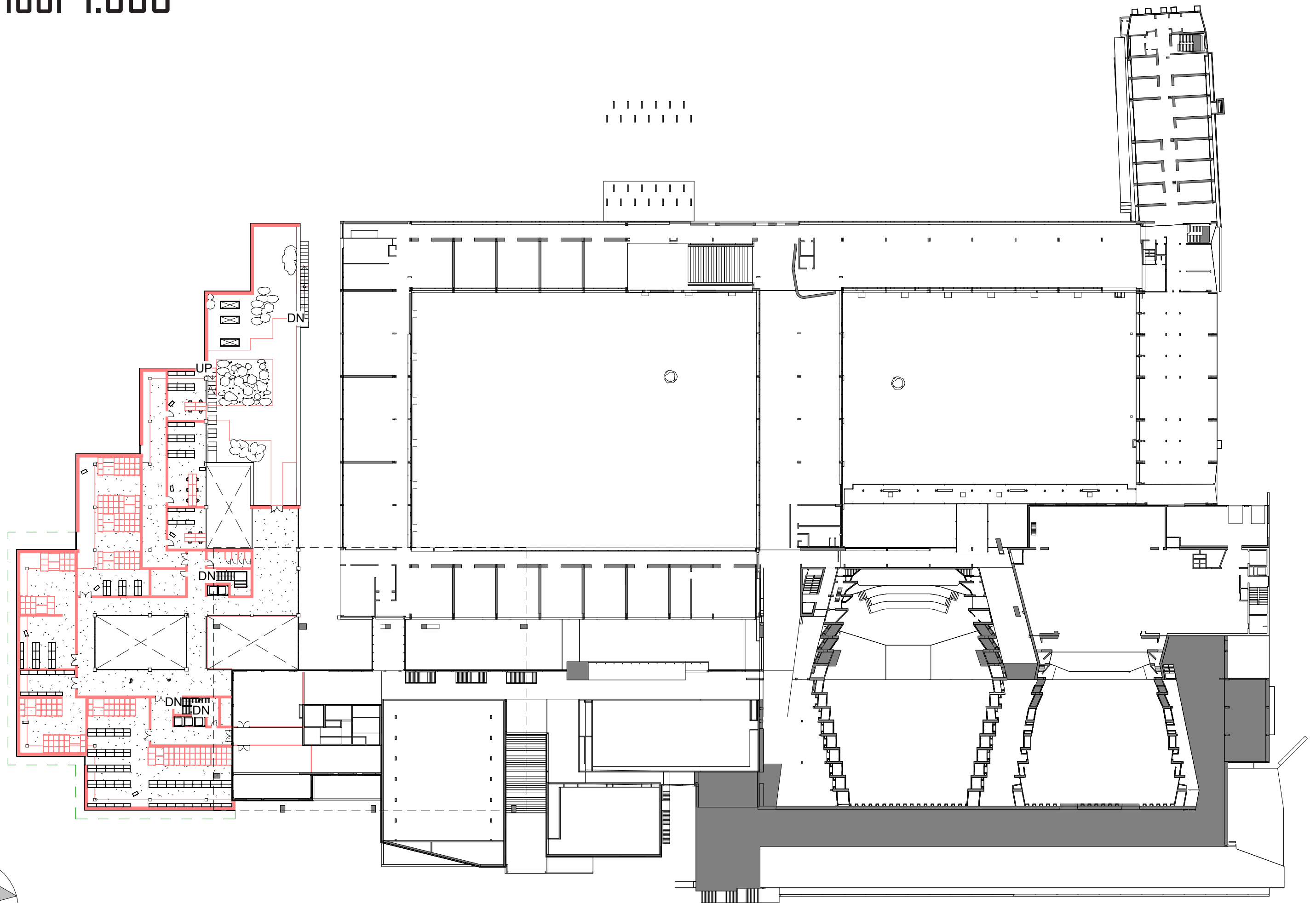


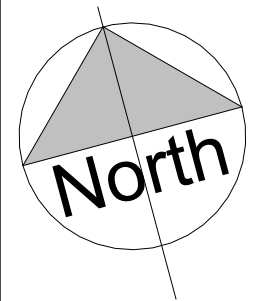
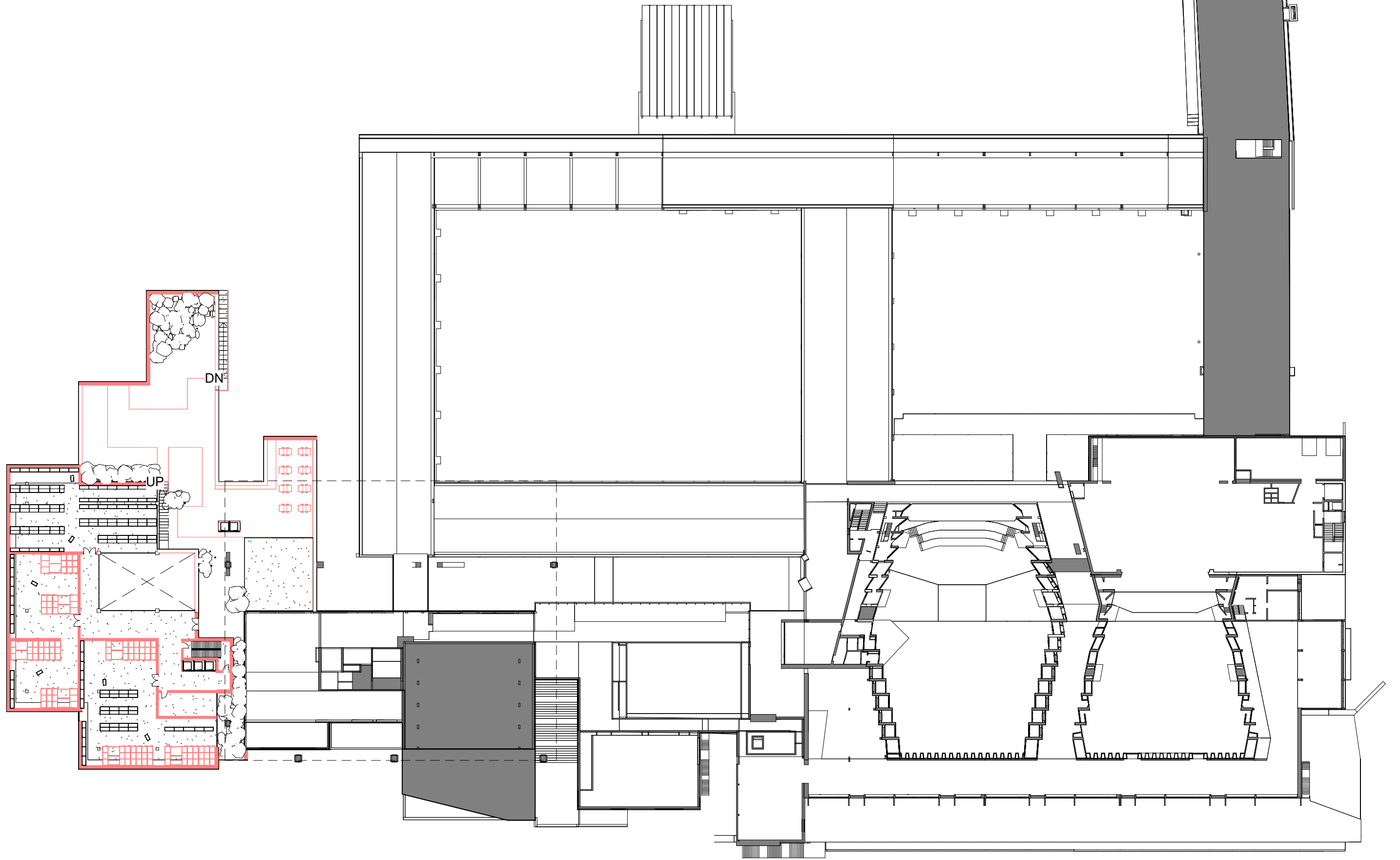
Ground floor 1:600



First floor 1:600



Second floor 1:600



Library section 1:200

7

6

5

4

3

2

1



Level 3

9750



Level 2

6500



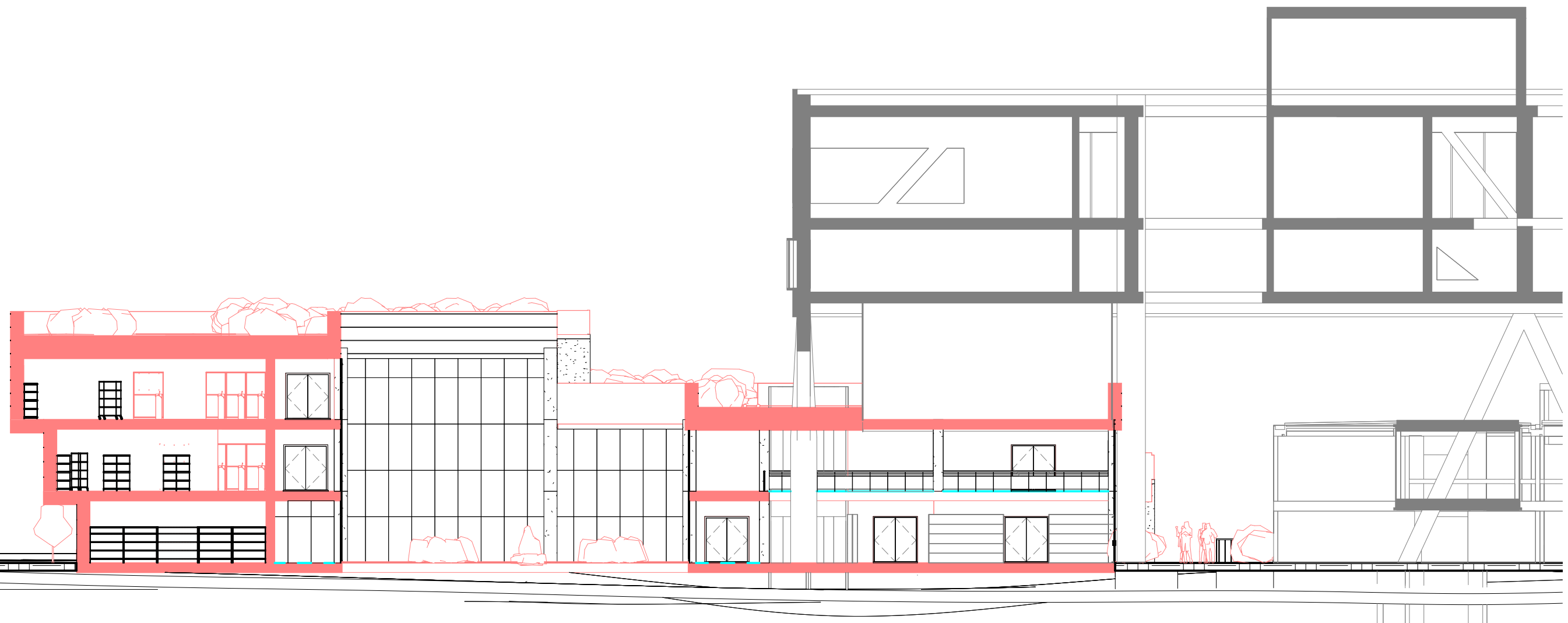
Level 1

3250



Level 0

0



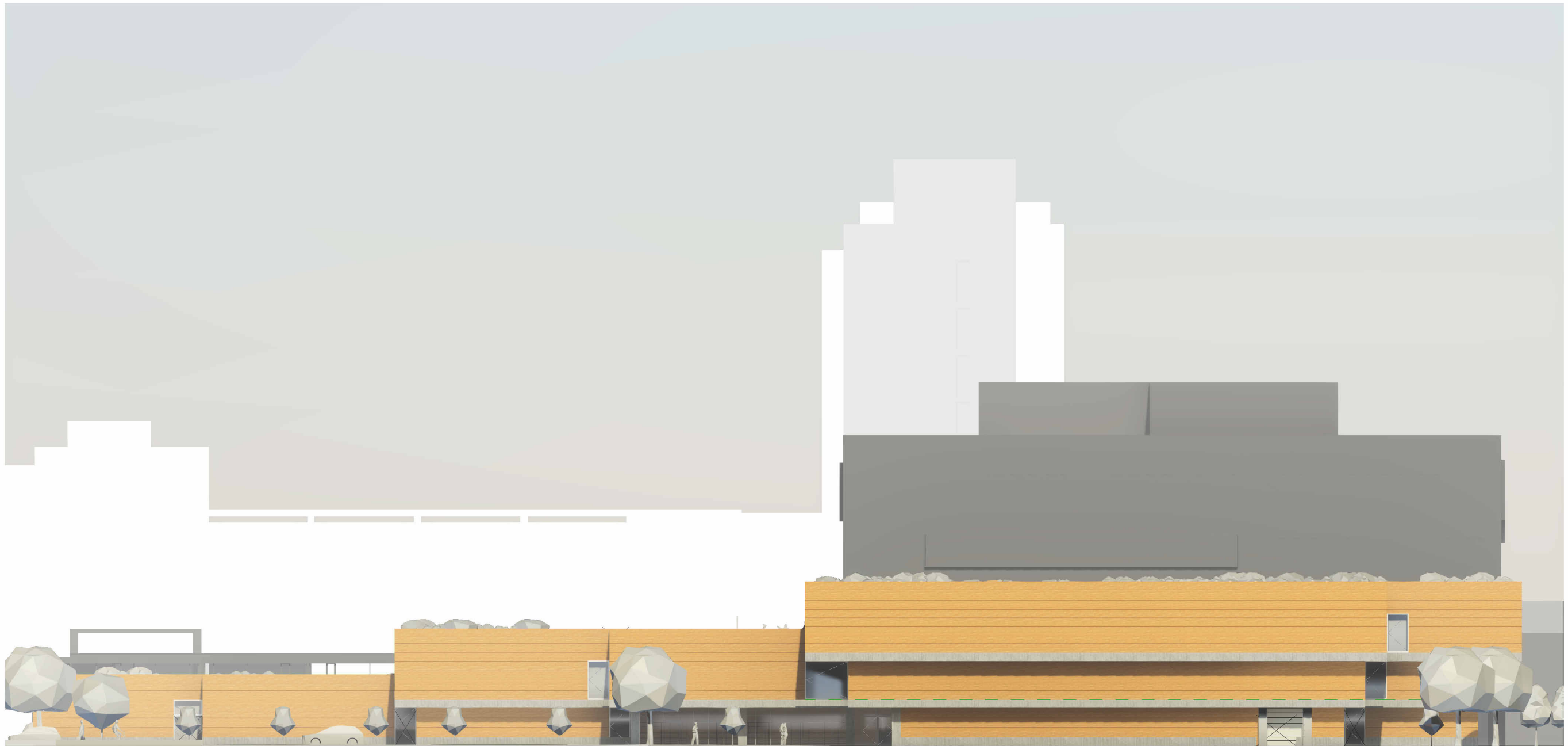
Office section 1:200



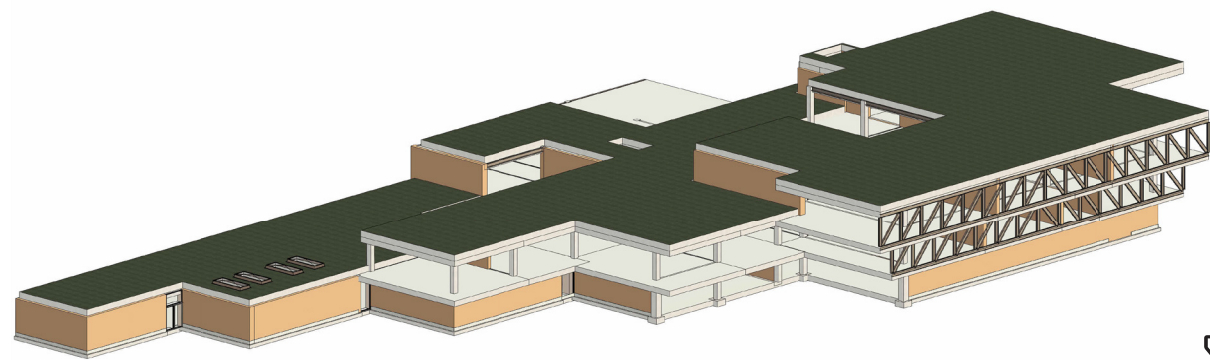
East elevation 1:200



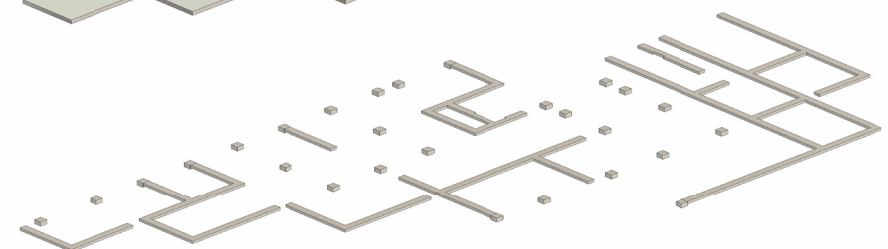
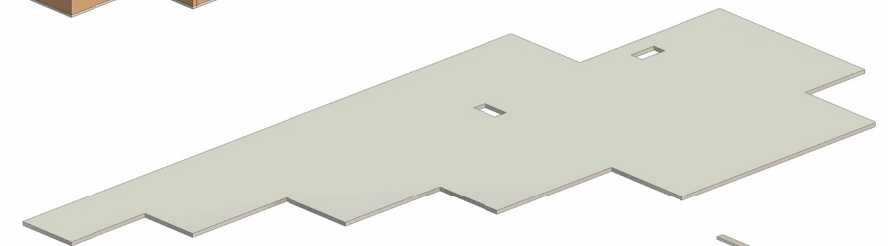
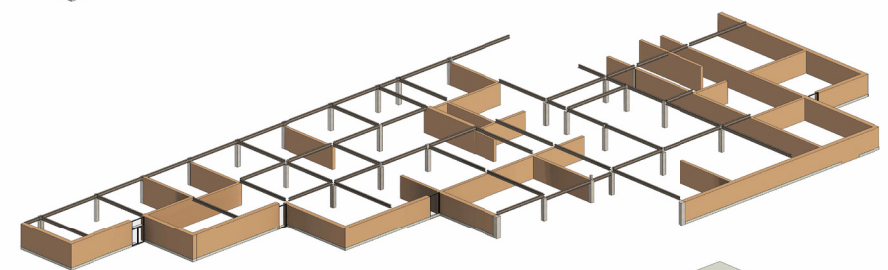
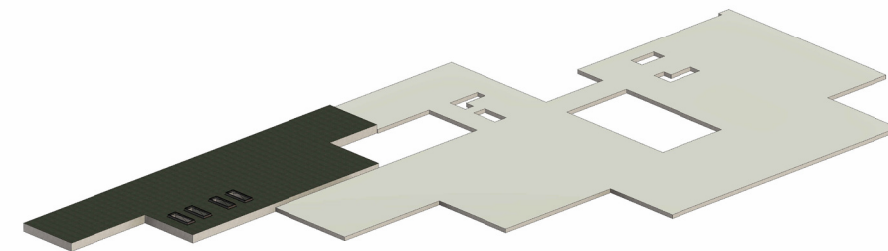
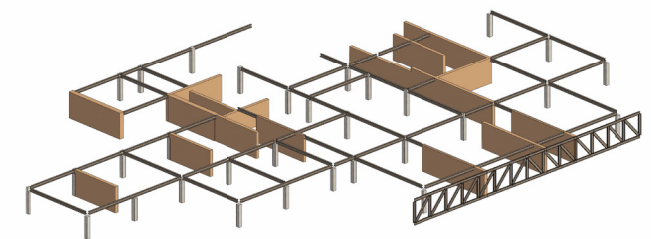
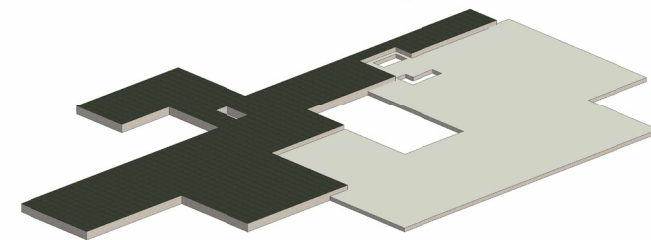
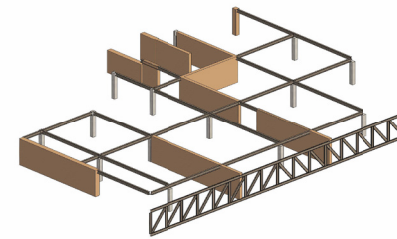
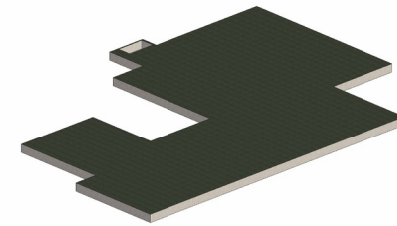
West elevation 1:300



Structure diagram



Steel trusses

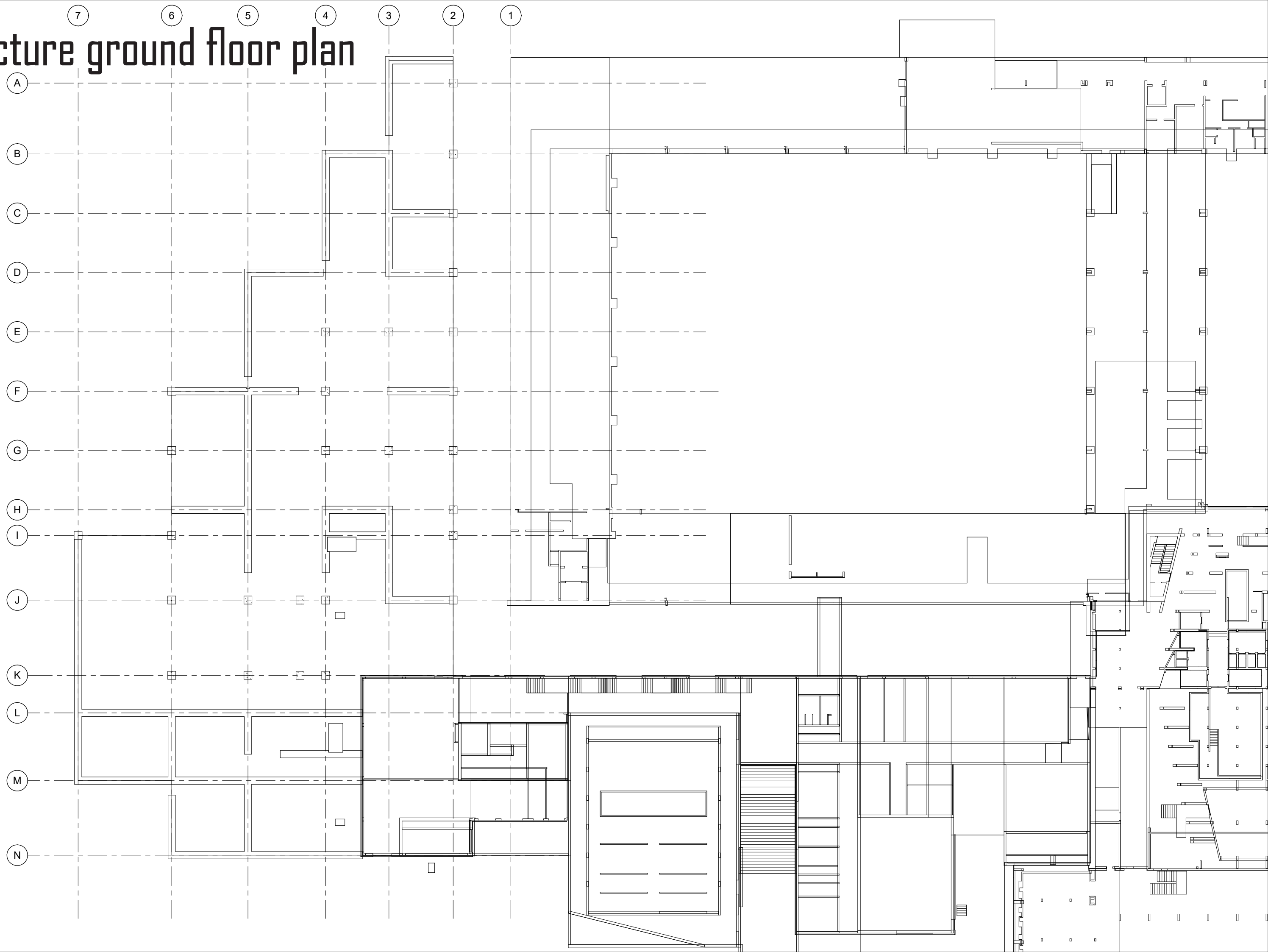


Slim floor (Prefab+in-situ
cast concrete)

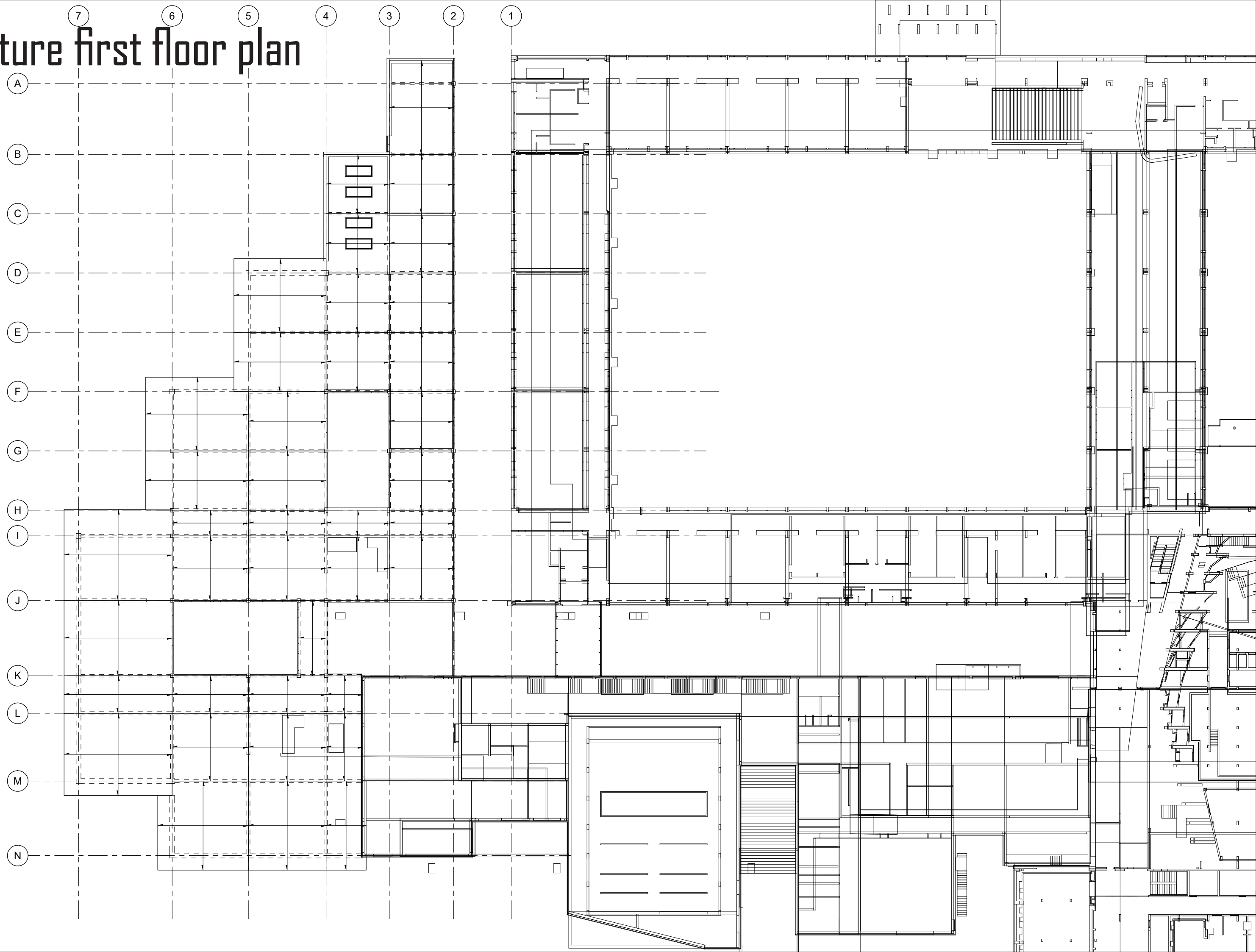
Rammed earth walls
Steel beams
Concrete columns

In-situ concrete floor
Concrete foundation

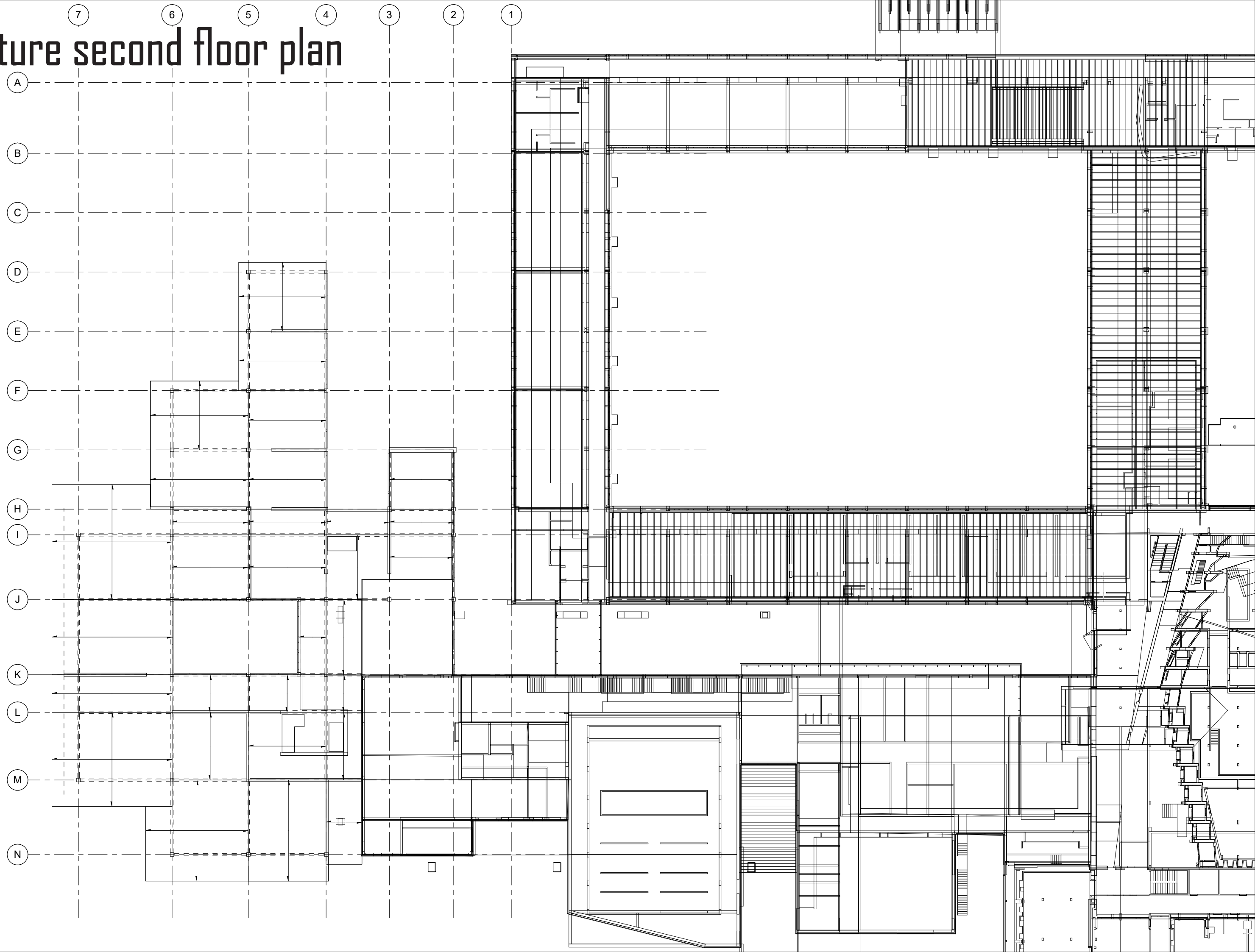
Structure ground floor plan



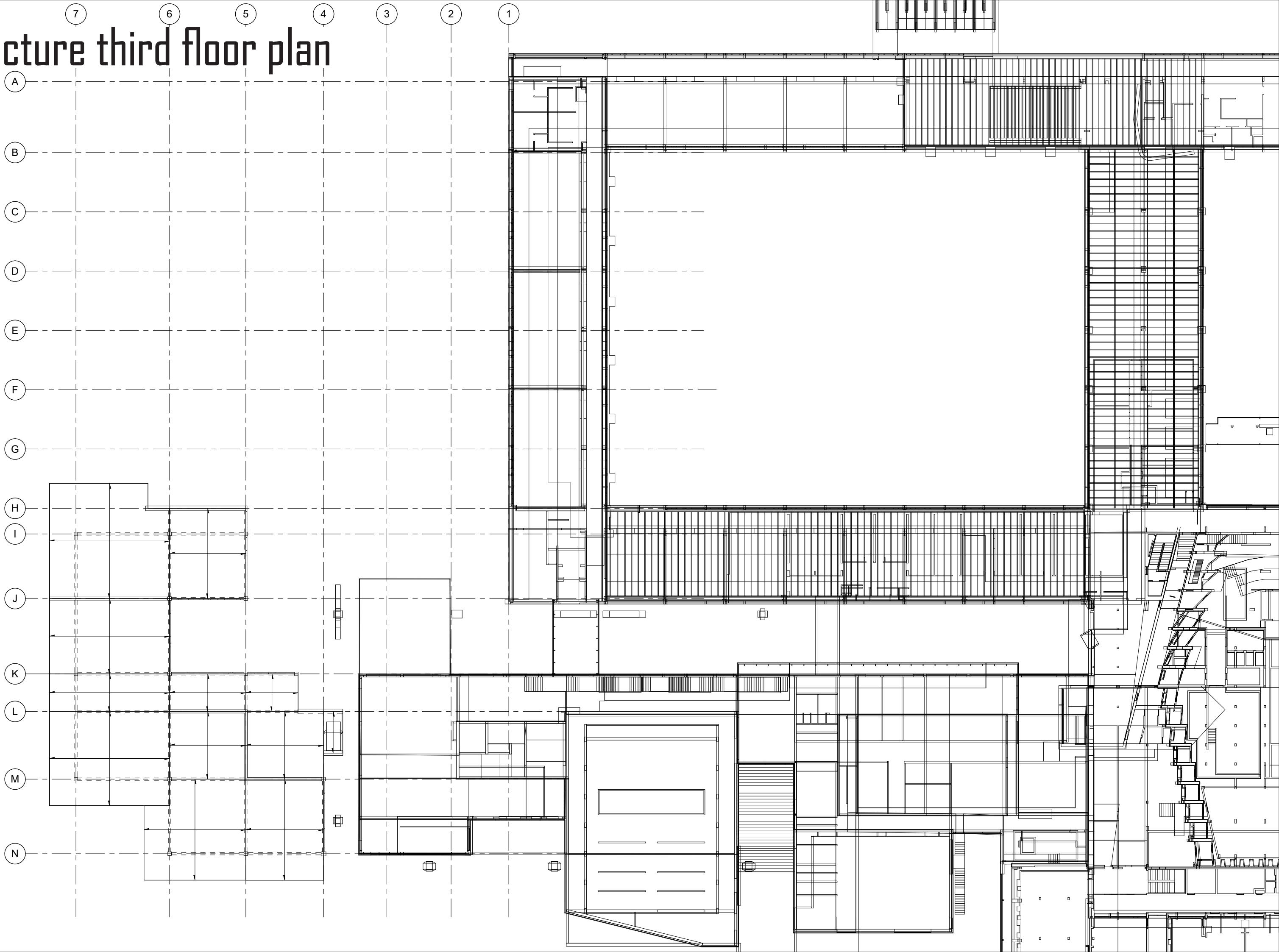
Structure first floor plan



Structure second floor plan



Structure third floor plan



Climate Diagram

Green roofs

Mechanical ventilation

Underground passive heating

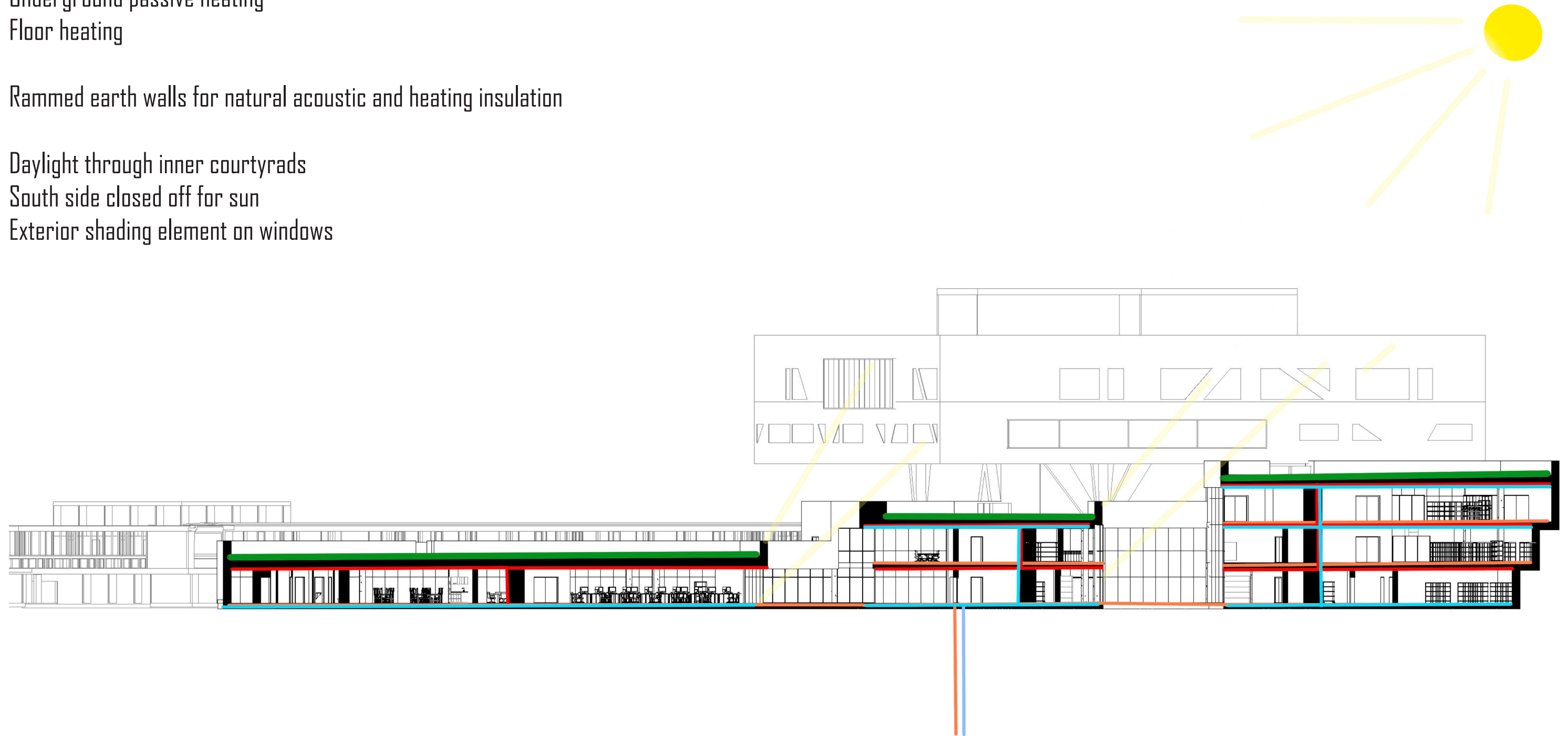
Floor heating

Rammed earth walls for natural acoustic and heating insulation

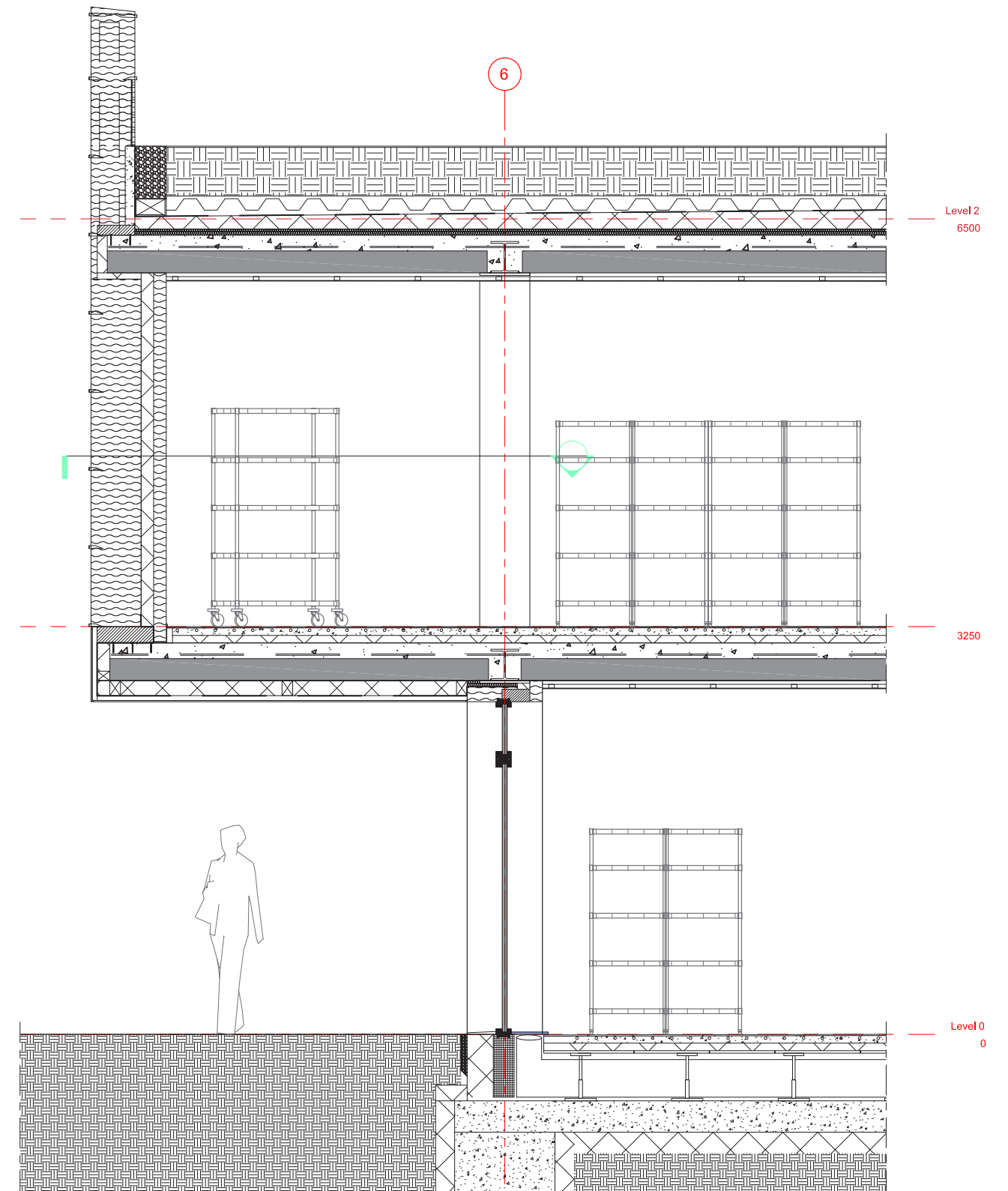
Daylight through inner courtyards

South side closed off for sun

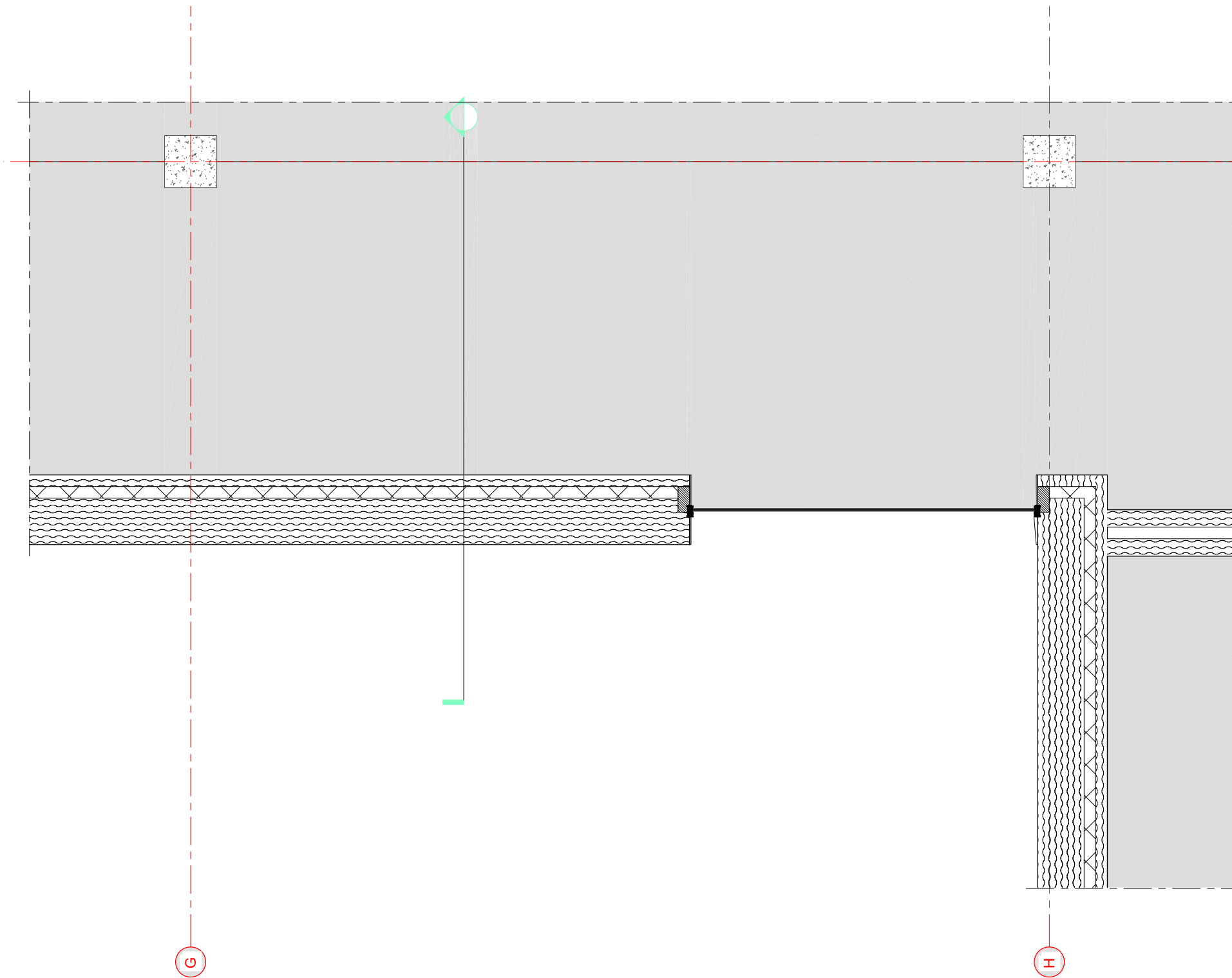
Exterior shading element on windows



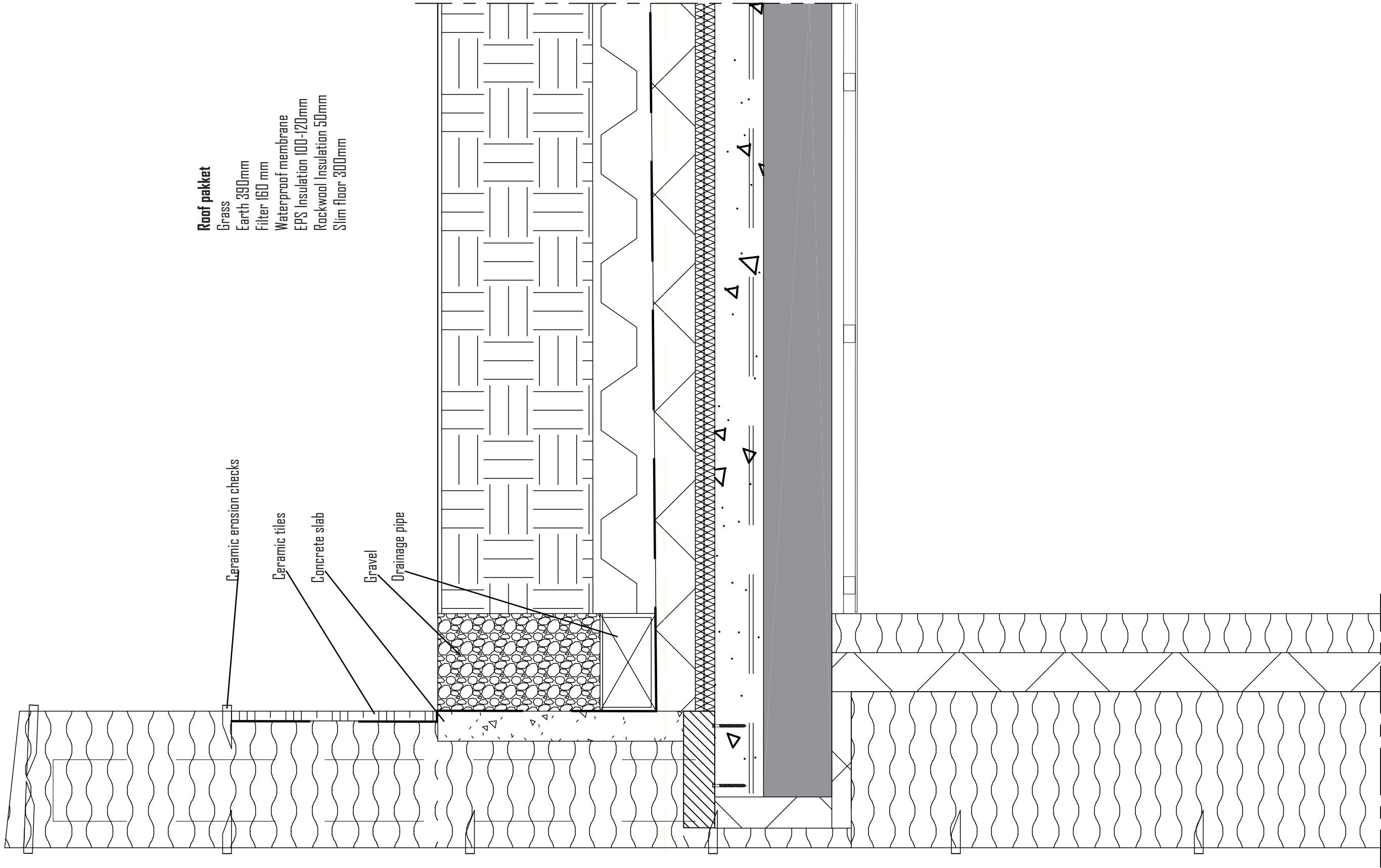
Facade fragment 1:20 (rescaled)



Horizontal facade fragment 1:20 (rescaled)



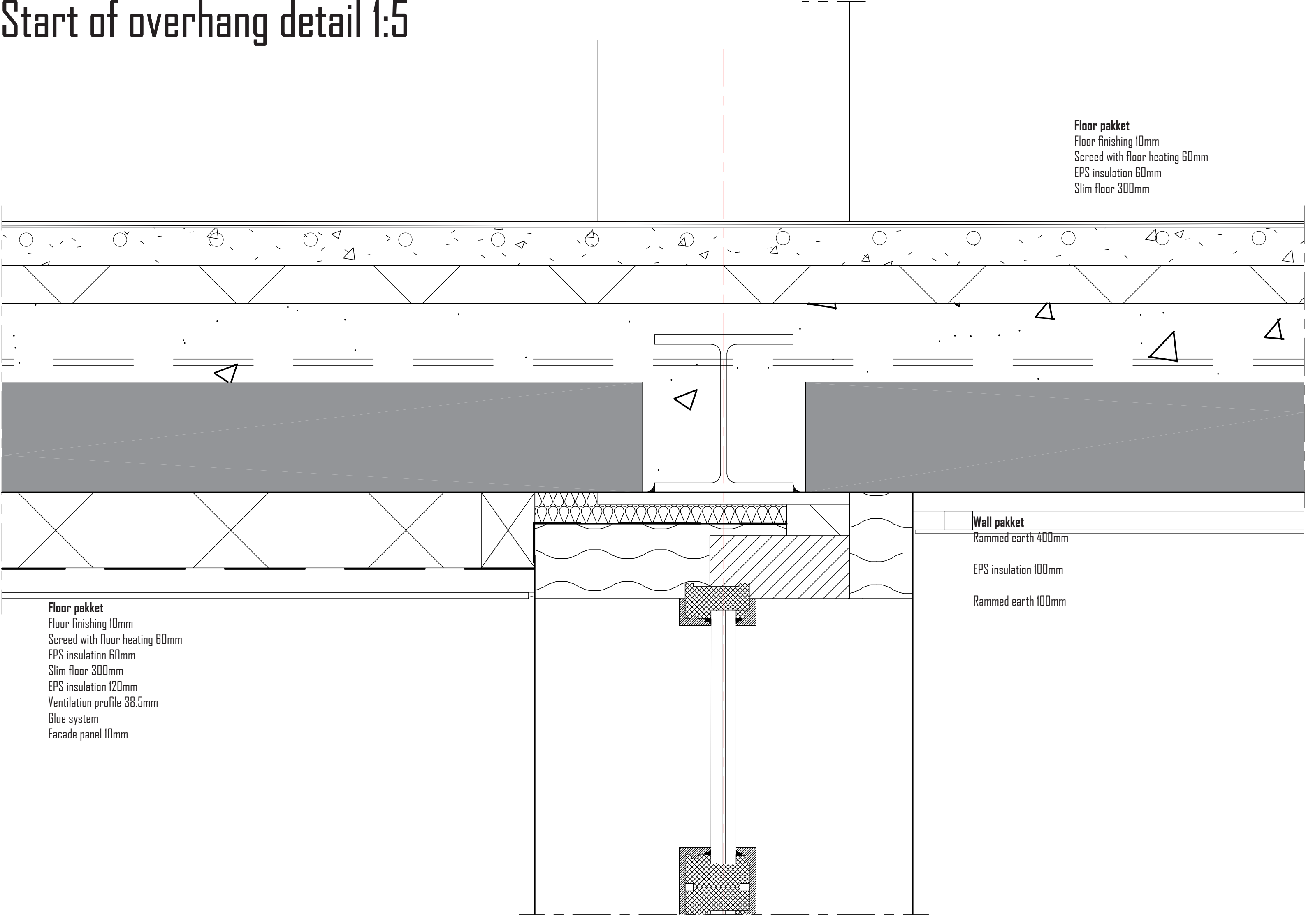
Roof detail 1:5



Roof pakket
Grass
Earth 390mm
Filter 60 mm
Waterproof membrane
EPS Insulation 100-120mm
Rockwool Insulation 50mm
Slim floor 300mm

Wall pakket
Rammed earth 400mm
EPS insulation 100mm
Rammed earth 100mm

Start of overhang detail 1:5



Floor pakket
Floor finishing 10mm
Screed with floor heating 60mm
EPS insulation 60mm
Slim floor 300mm

Wall pakket
Rammed earth 400mm
EPS insulation 100mm
Rammed earth 100mm

Floor pakket
Floor finishing 10mm
Screed with floor heating 60mm
EPS insulation 60mm
Slim floor 300mm
EPS insulation 120mm
Ventilation profile 38.5mm
Glue system
Facade panel 10mm

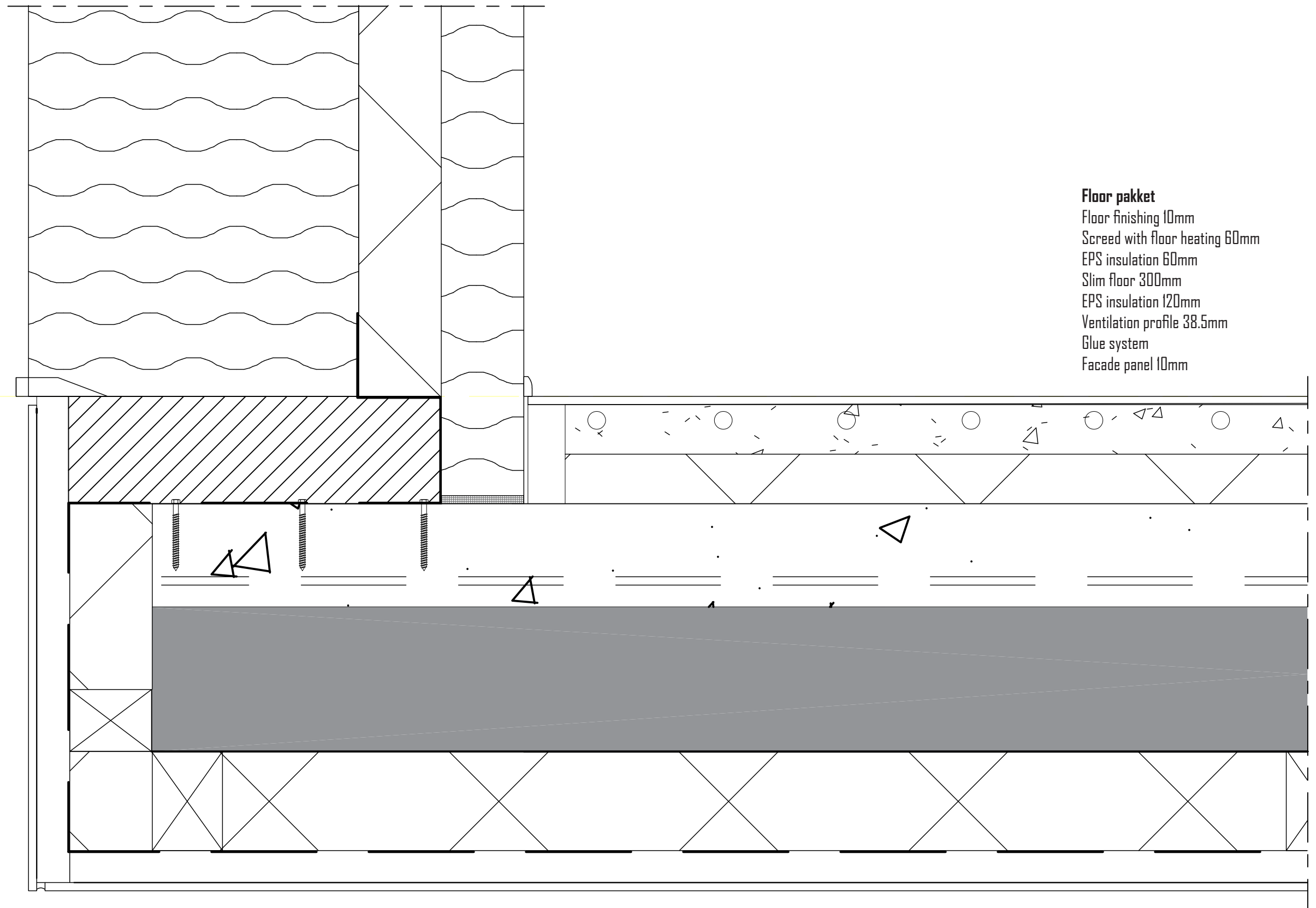
Overhang detail 1:5

Wall pakket

Rammed earth 400mm
EPS insulation 100mm
Rammed earth 100mm

Floor pakket

Floor finishing 10mm
Screed with floor heating 60mm
EPS insulation 60mm
Slim floor 300mm
EPS insulation 120mm
Ventilation profile 38.5mm
Glue system
Facade panel 10mm



Foundation detail 1:5

Floor pakket

Floor finishing 10mm
Screed with floor heating 60mm
EPS insulation 60mm
Raised floor system
In-situ concrete
EPS insulation

