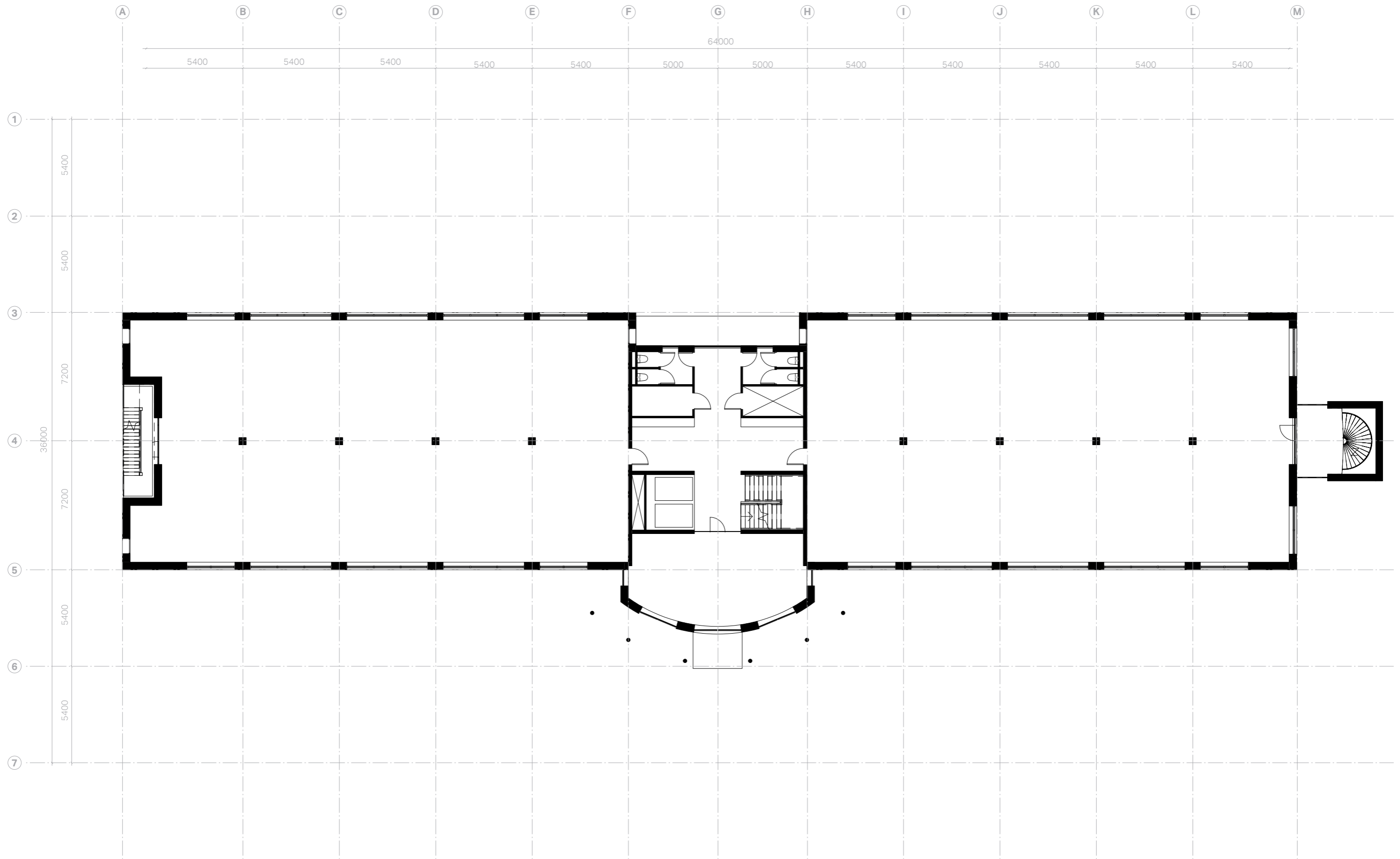


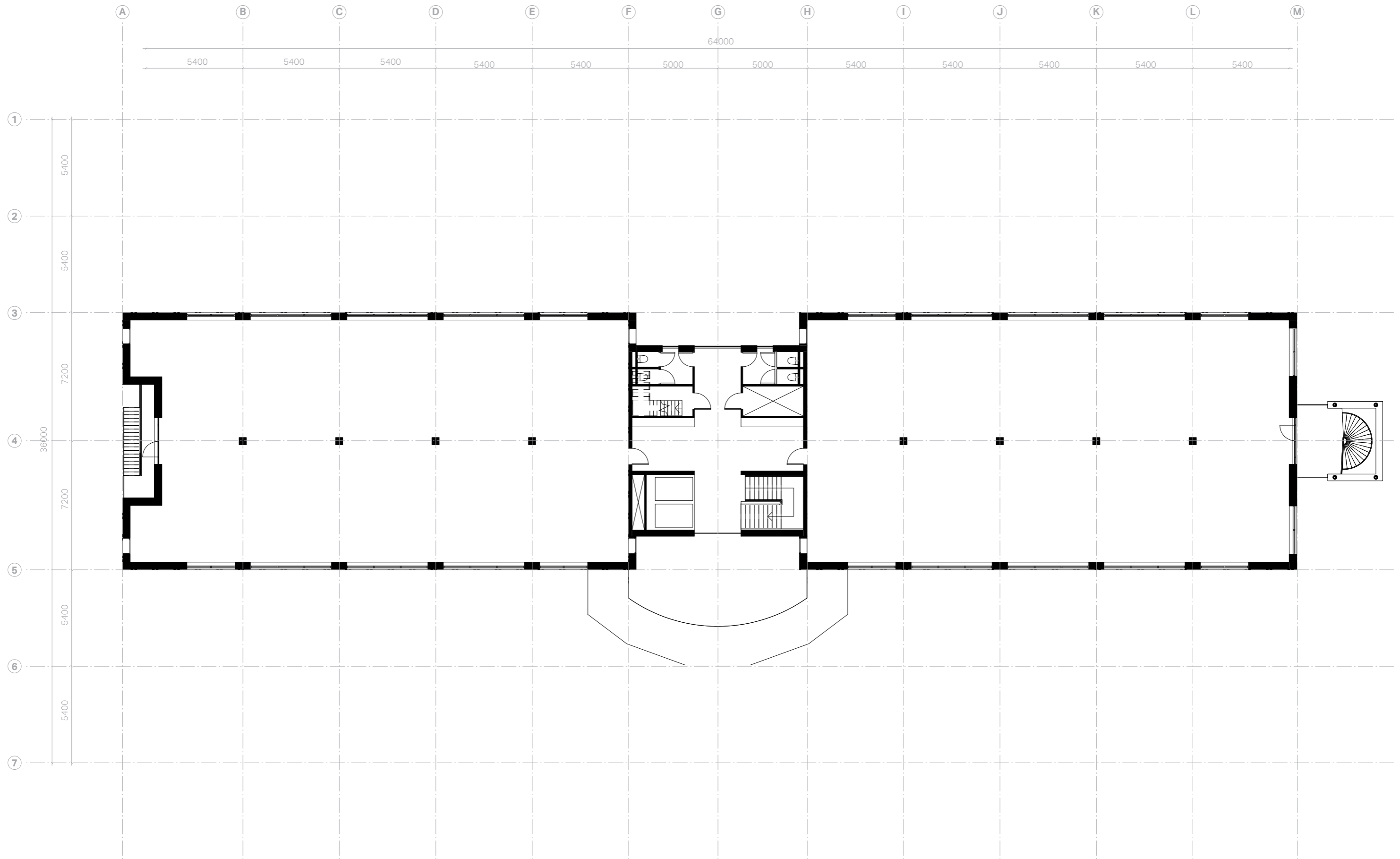
Ground Floor - Existing Situation
1:200





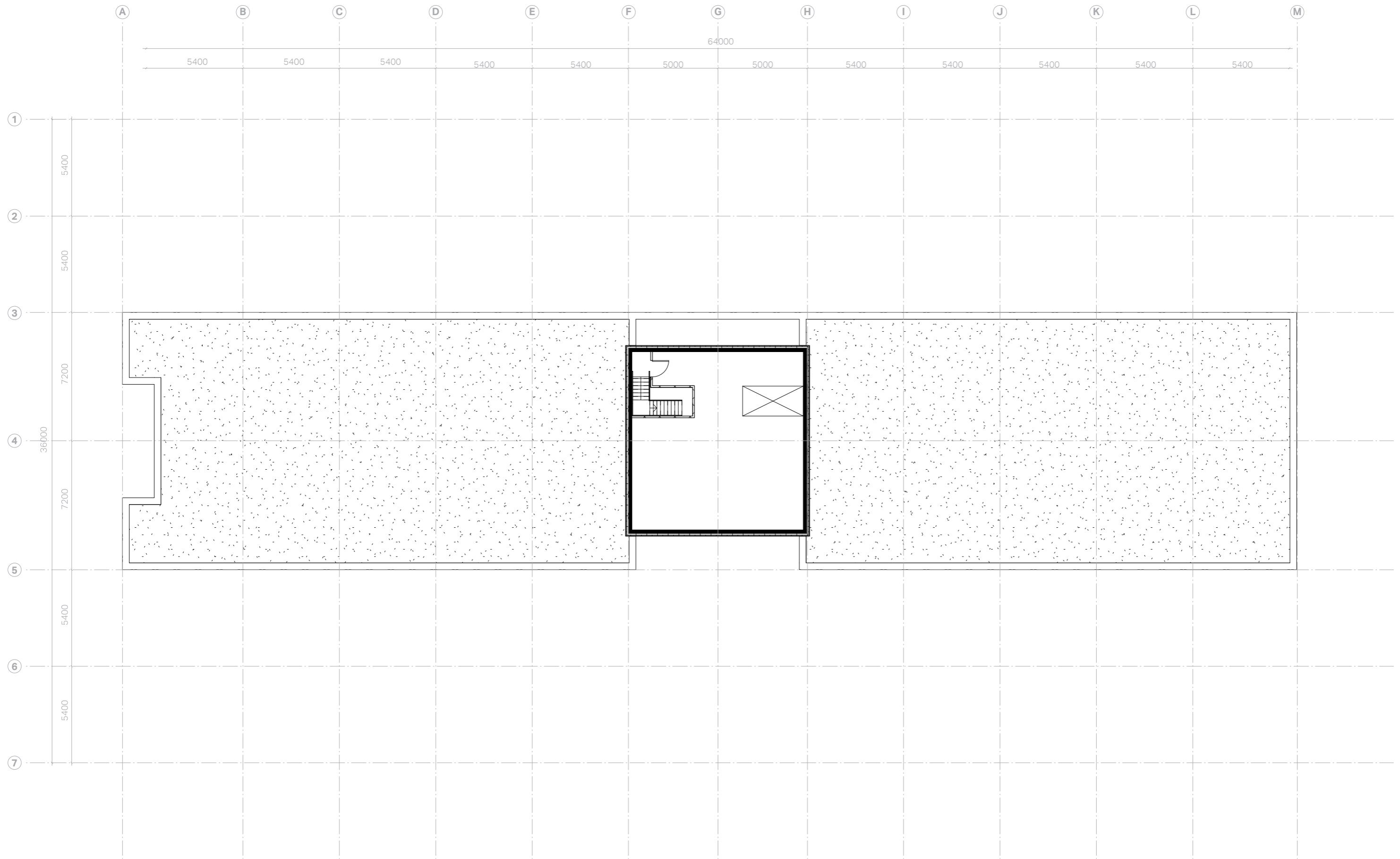
First Floor - Existing Situation
1:200





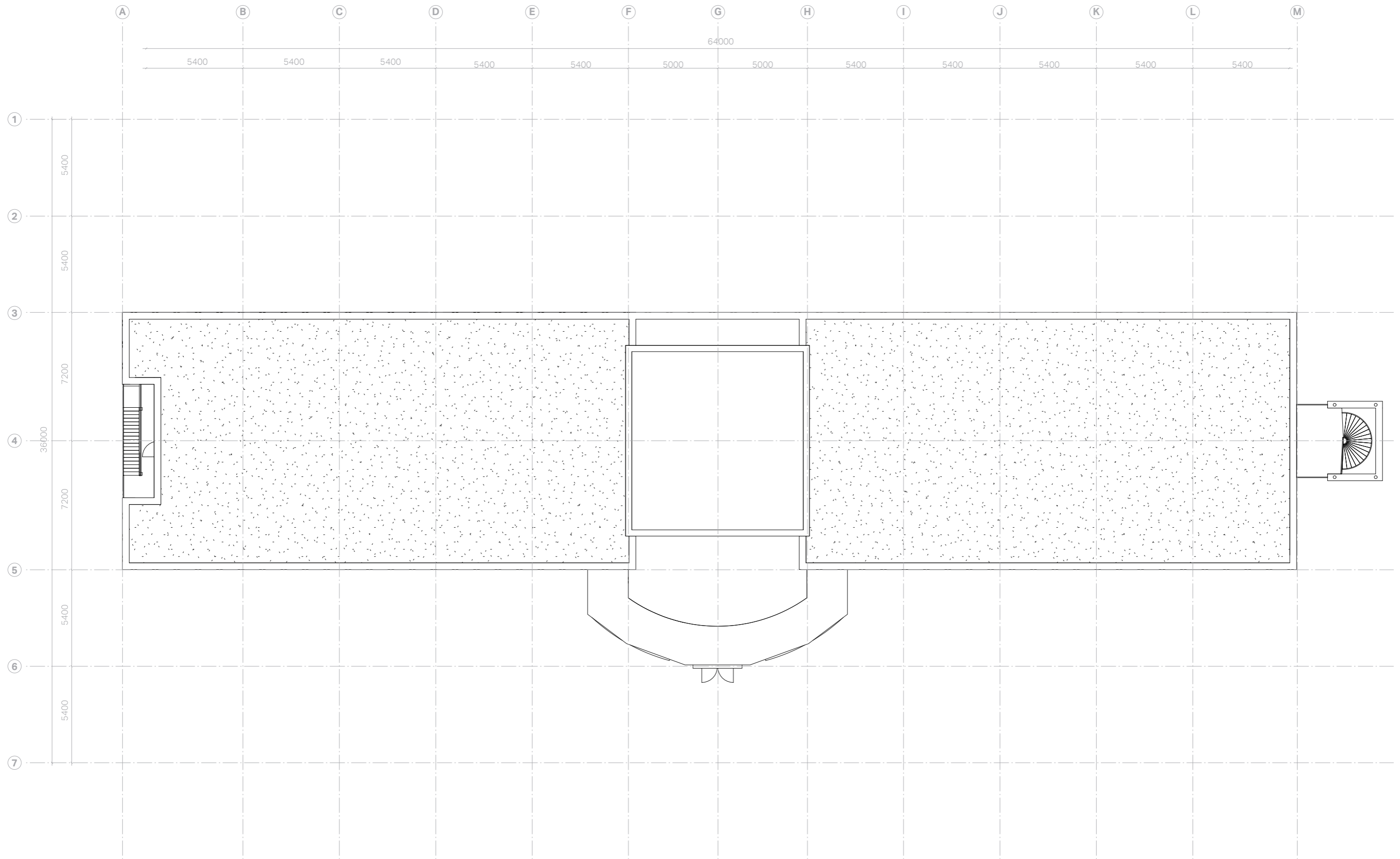
Second Floor - Existing Situation
1:200





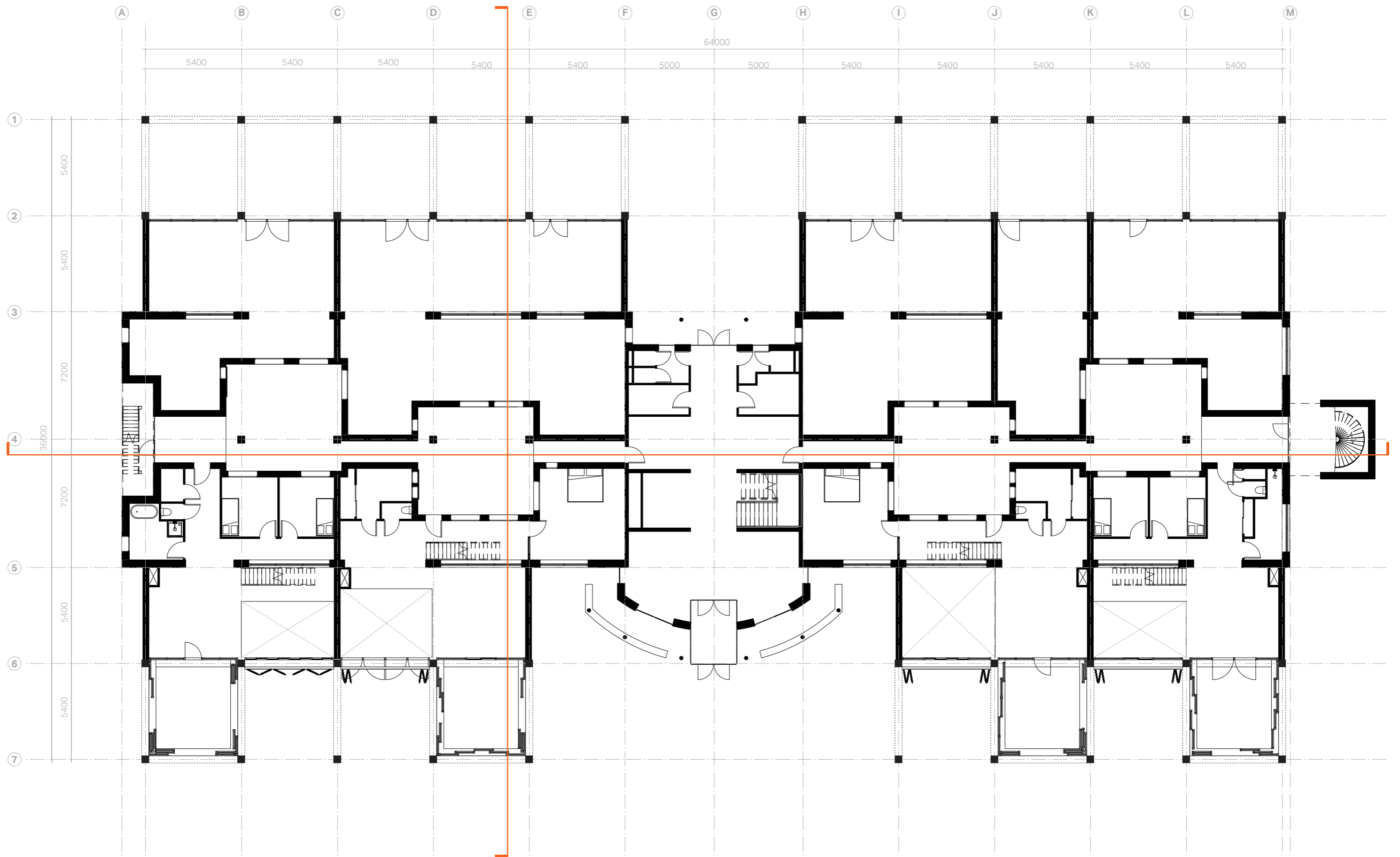
Third Floor - Existing Situation
1:200





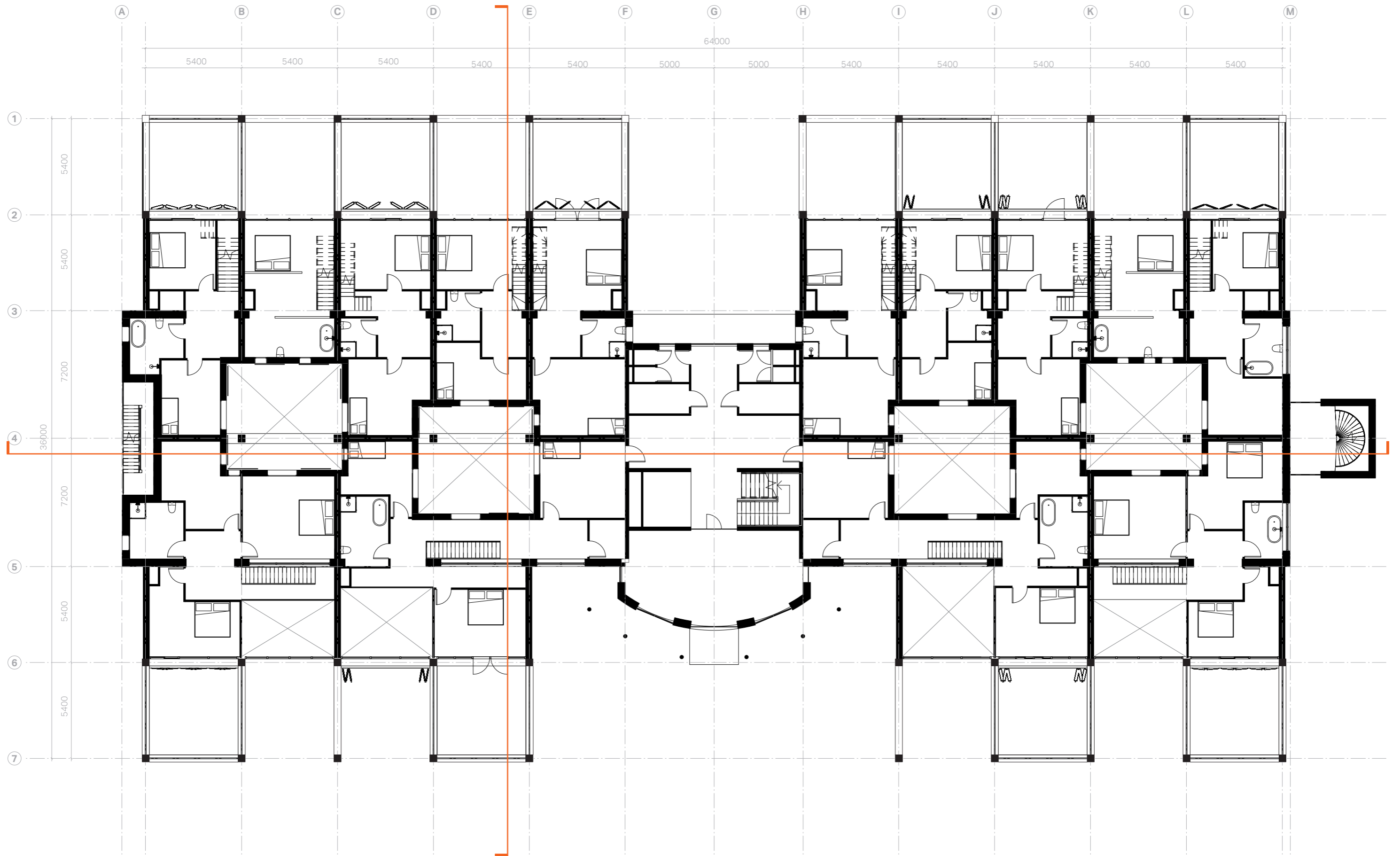
Roof - Existing Situation
1:200





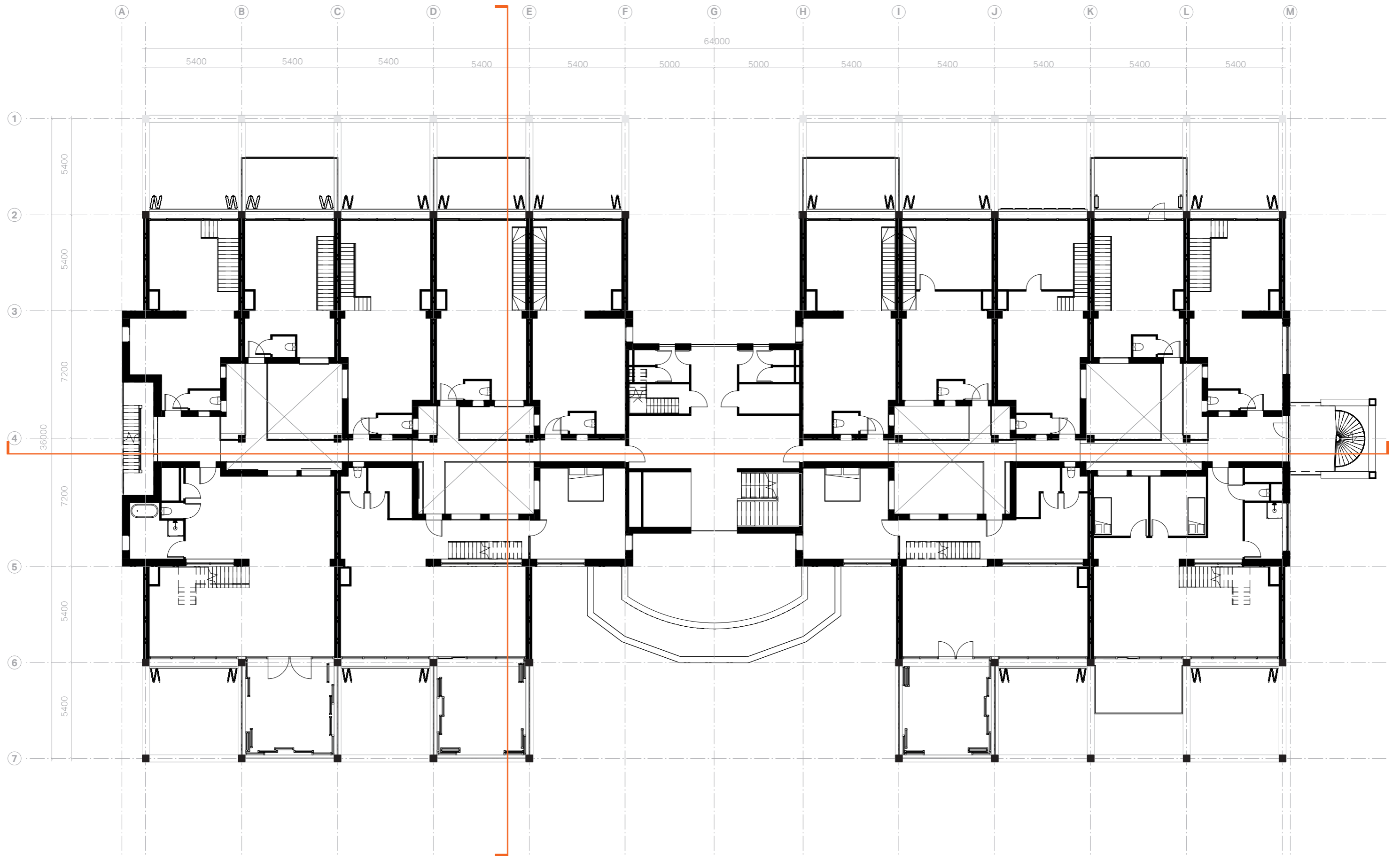
Ground Floor - Proposed Situation
1:200





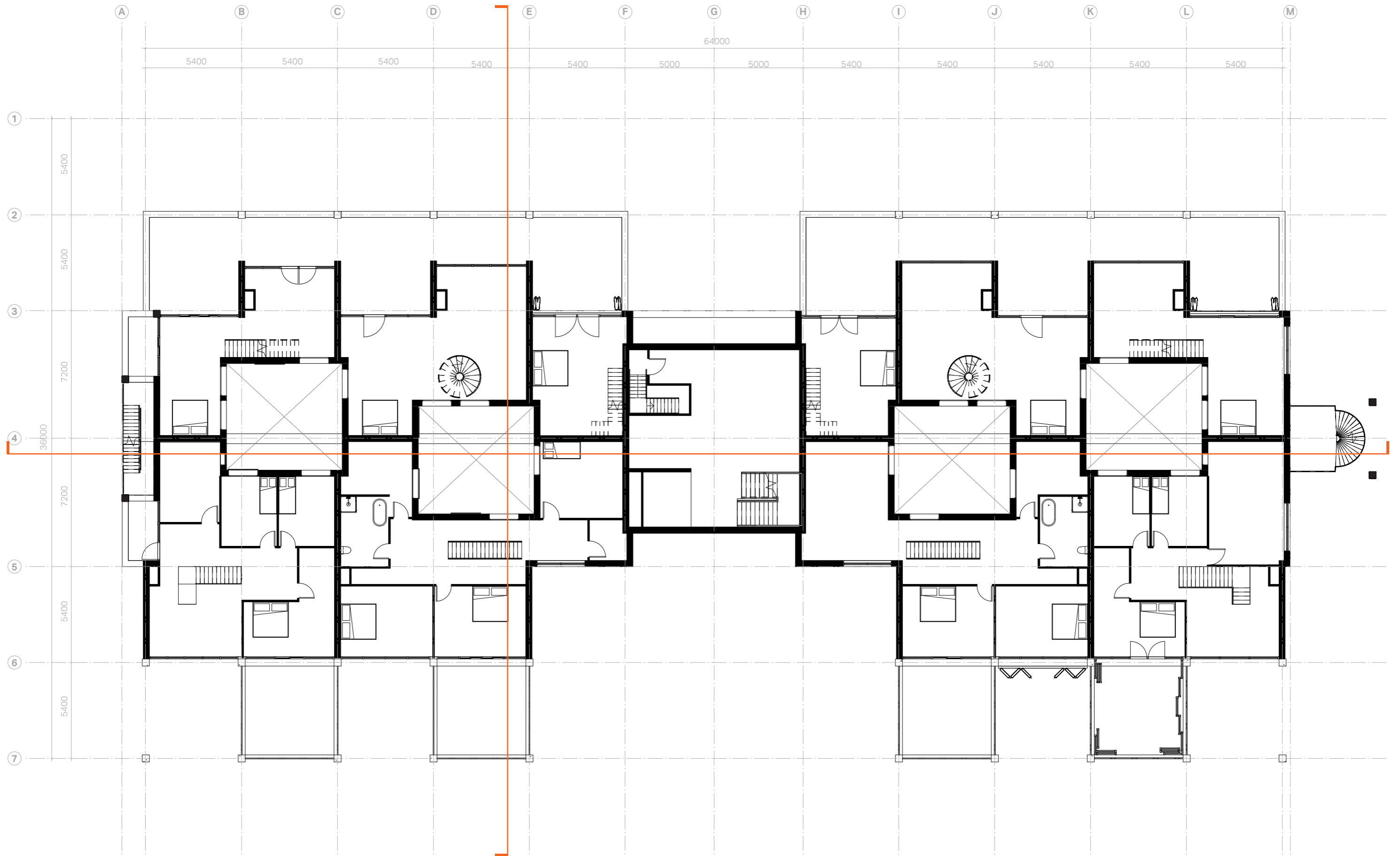
First Floor - Proposed Situation
1:200





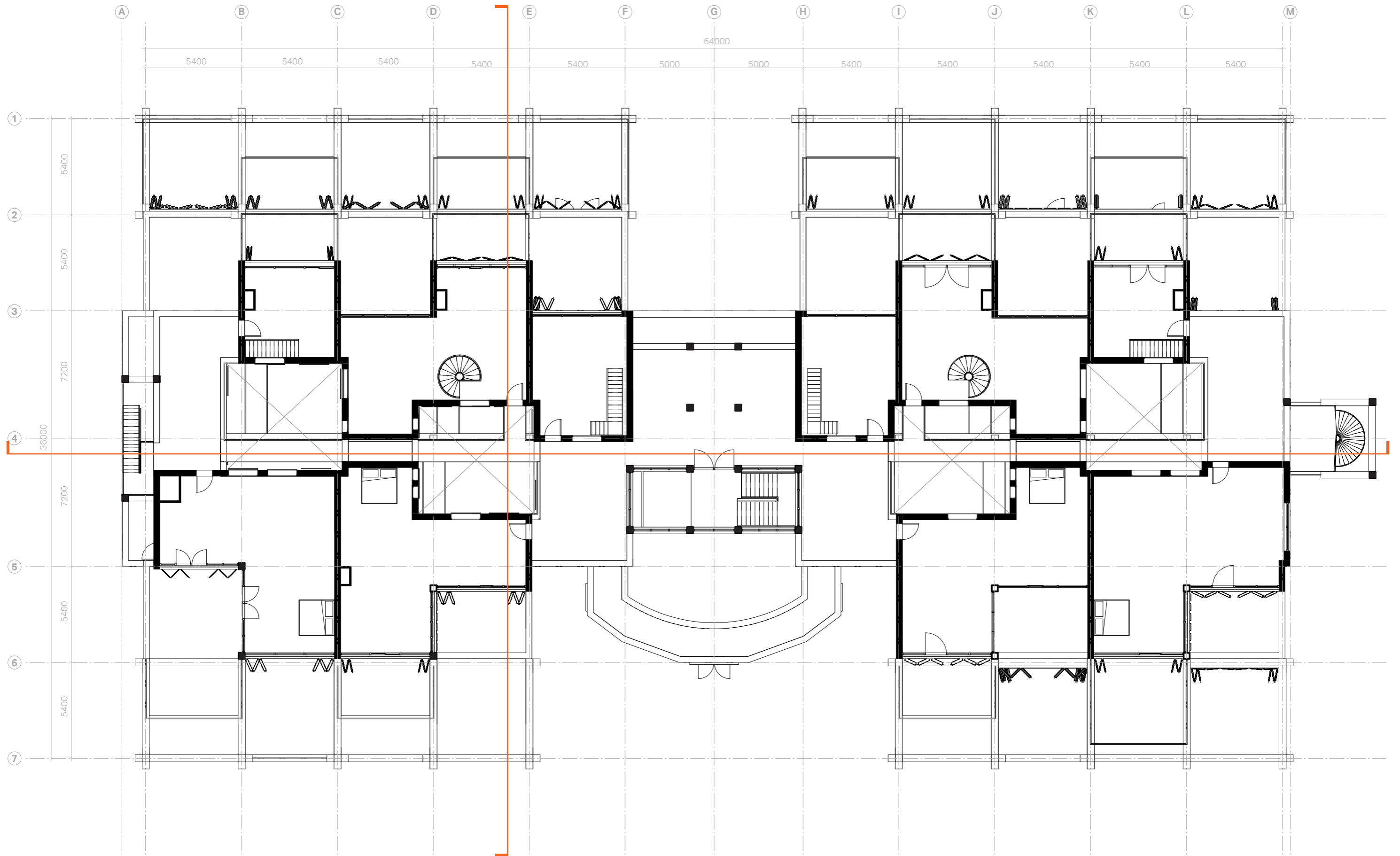
Second Floor - Proposed Situation
1:200





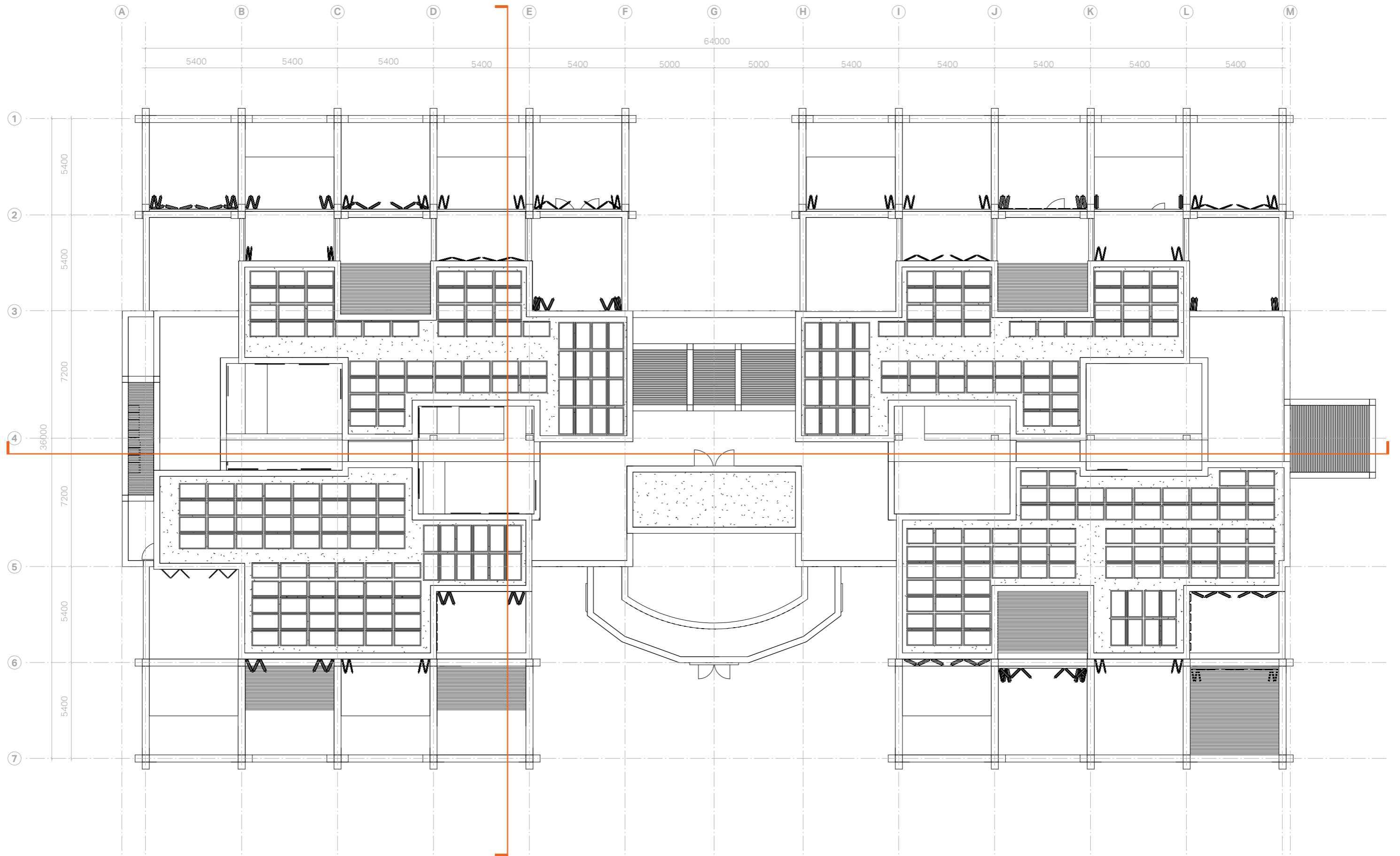
Third Floor - Proposed Situation
1:200





Fourth Floor - Proposed Situation
1:200



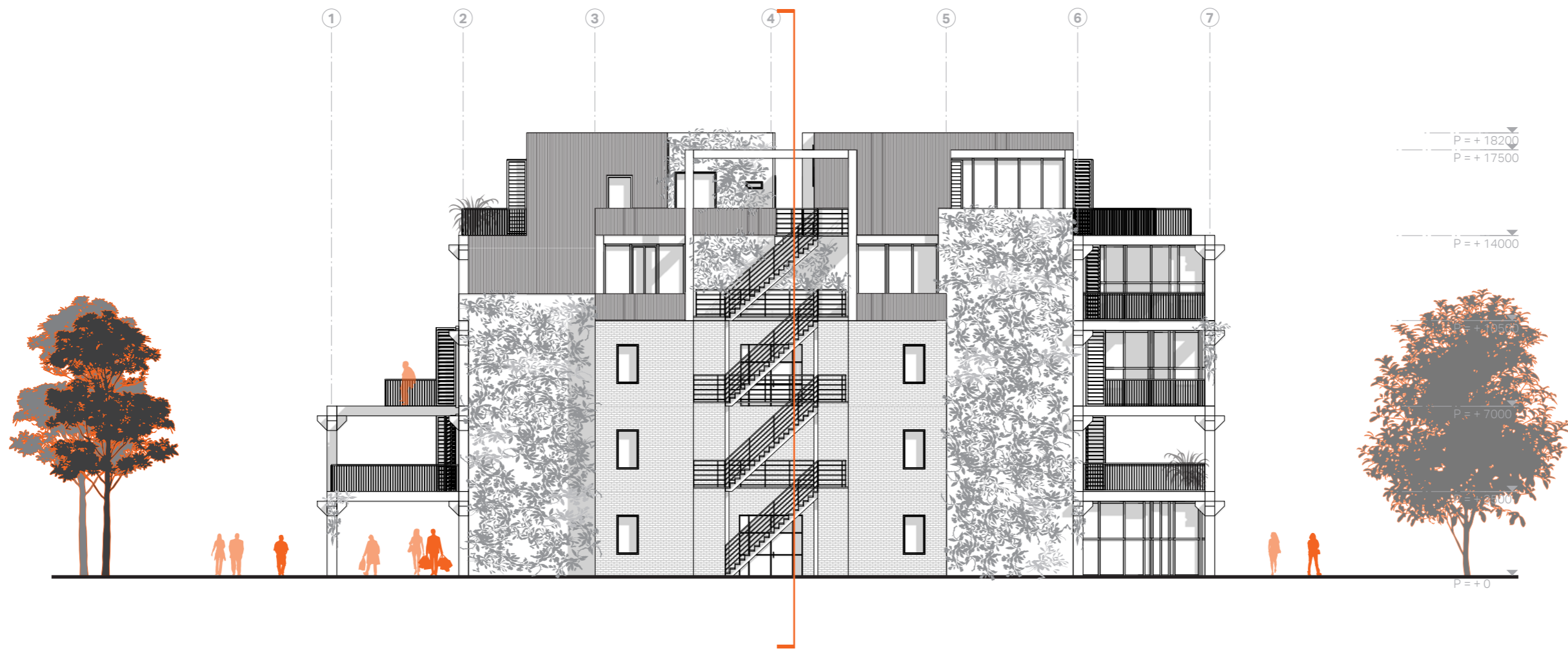


Roof - Proposed Situation
1:200





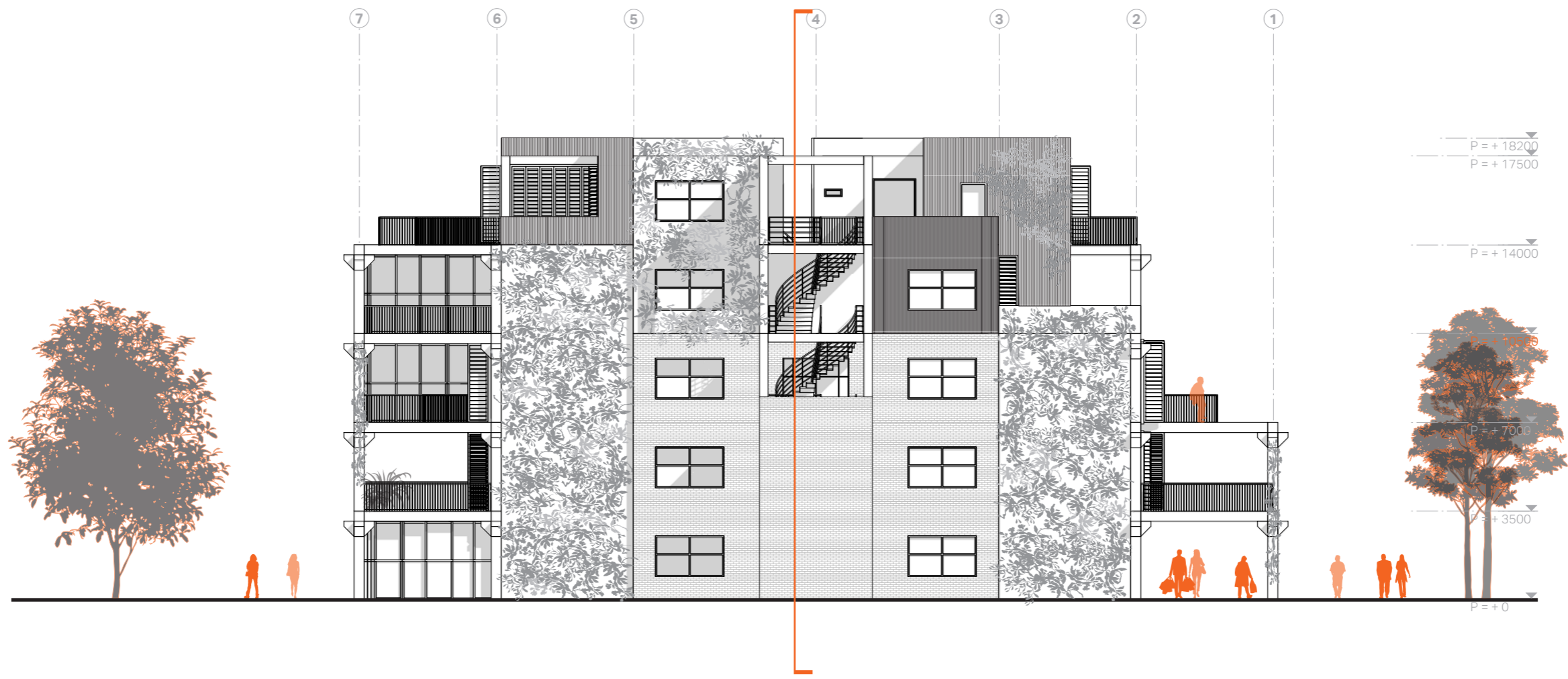
North-East Facade
1:200



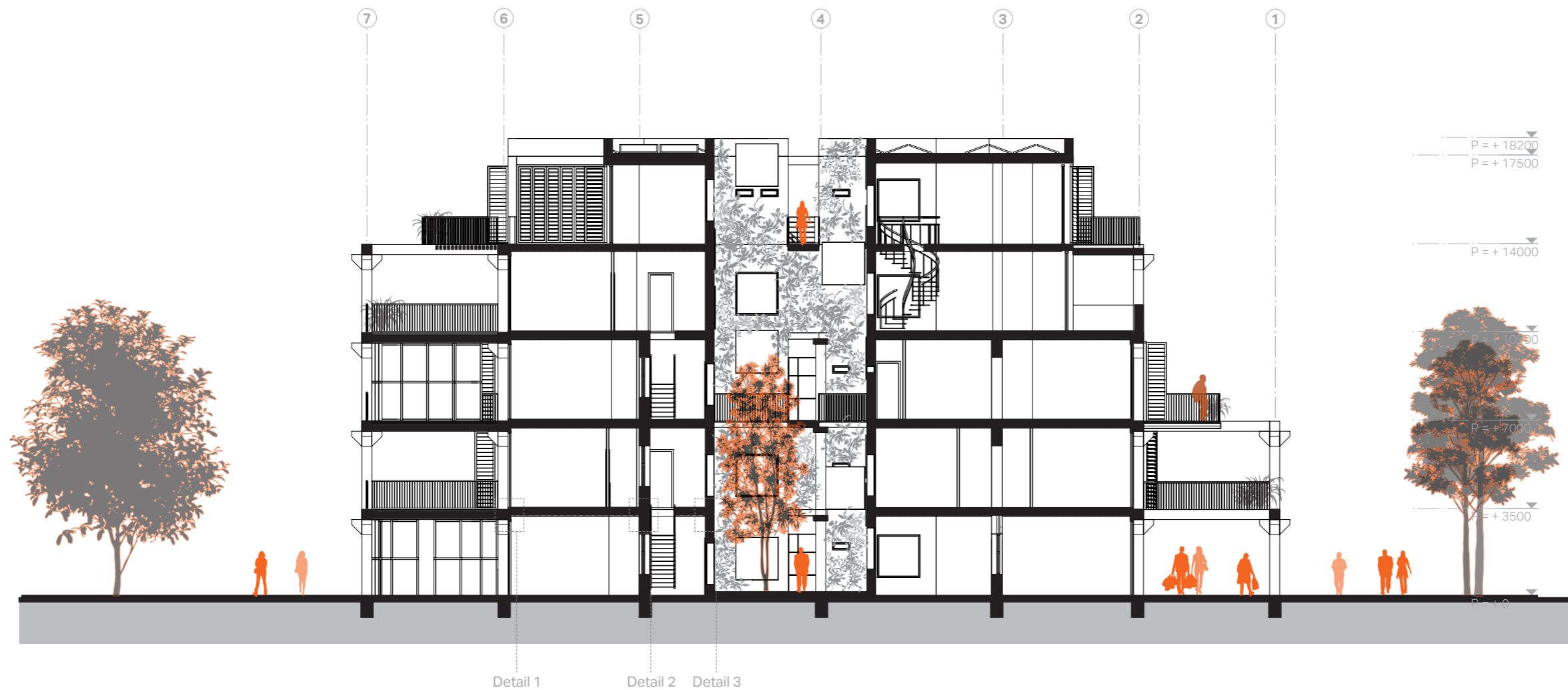
North-West Facade
1:200



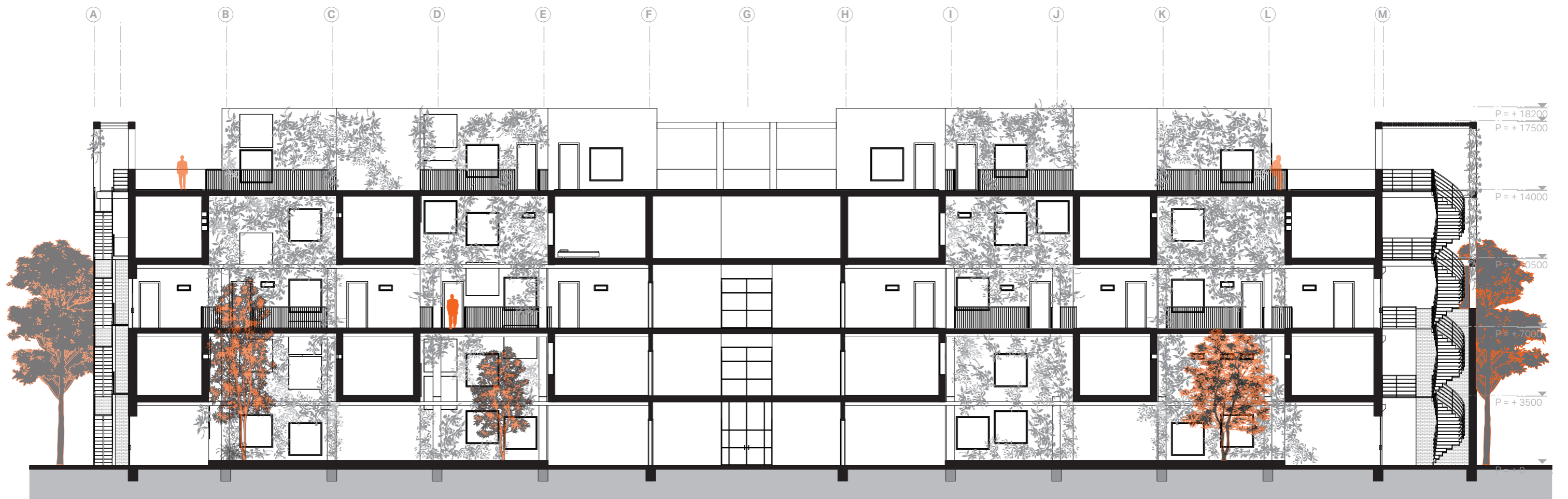
South-West Facade
1:200



South-East Facade
1:200



Cross Section
1:200



Longitudinal Section
1:200



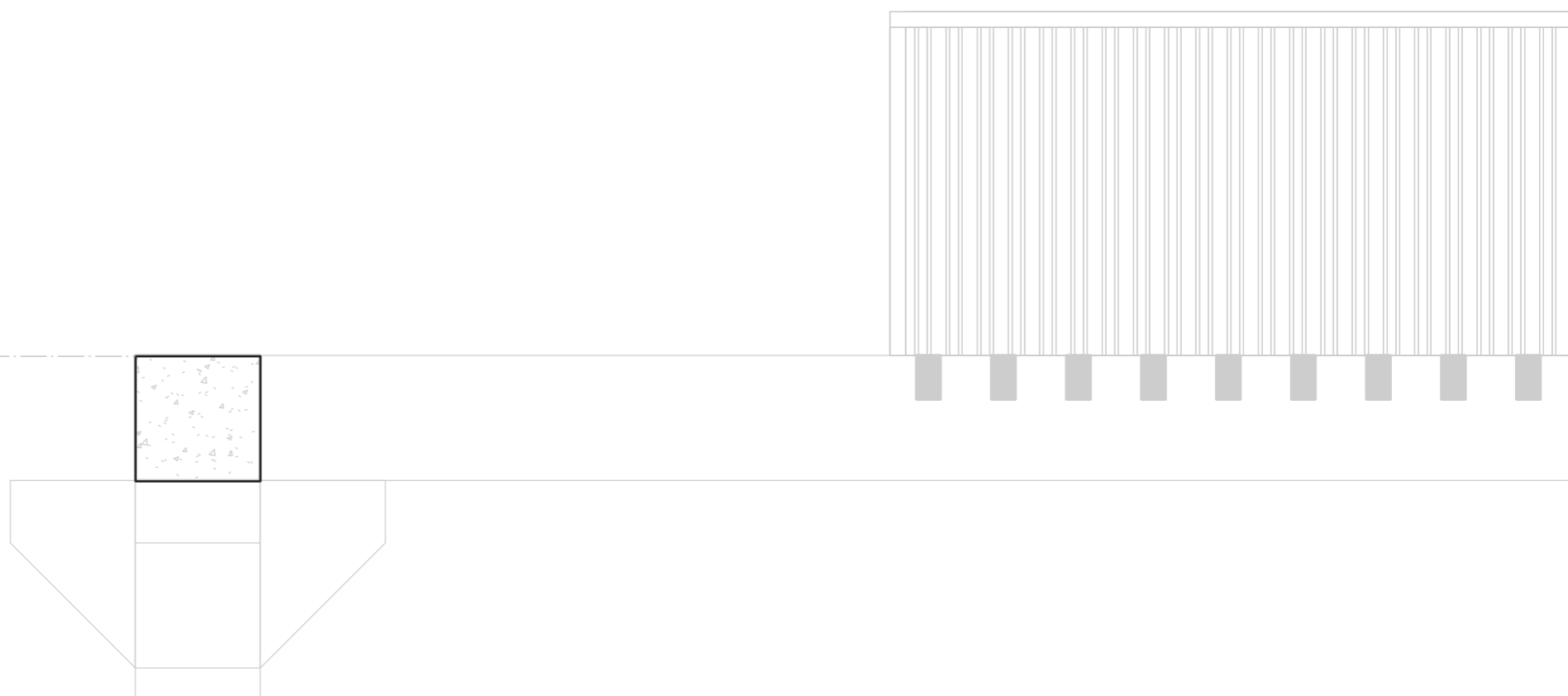
P = + 18200

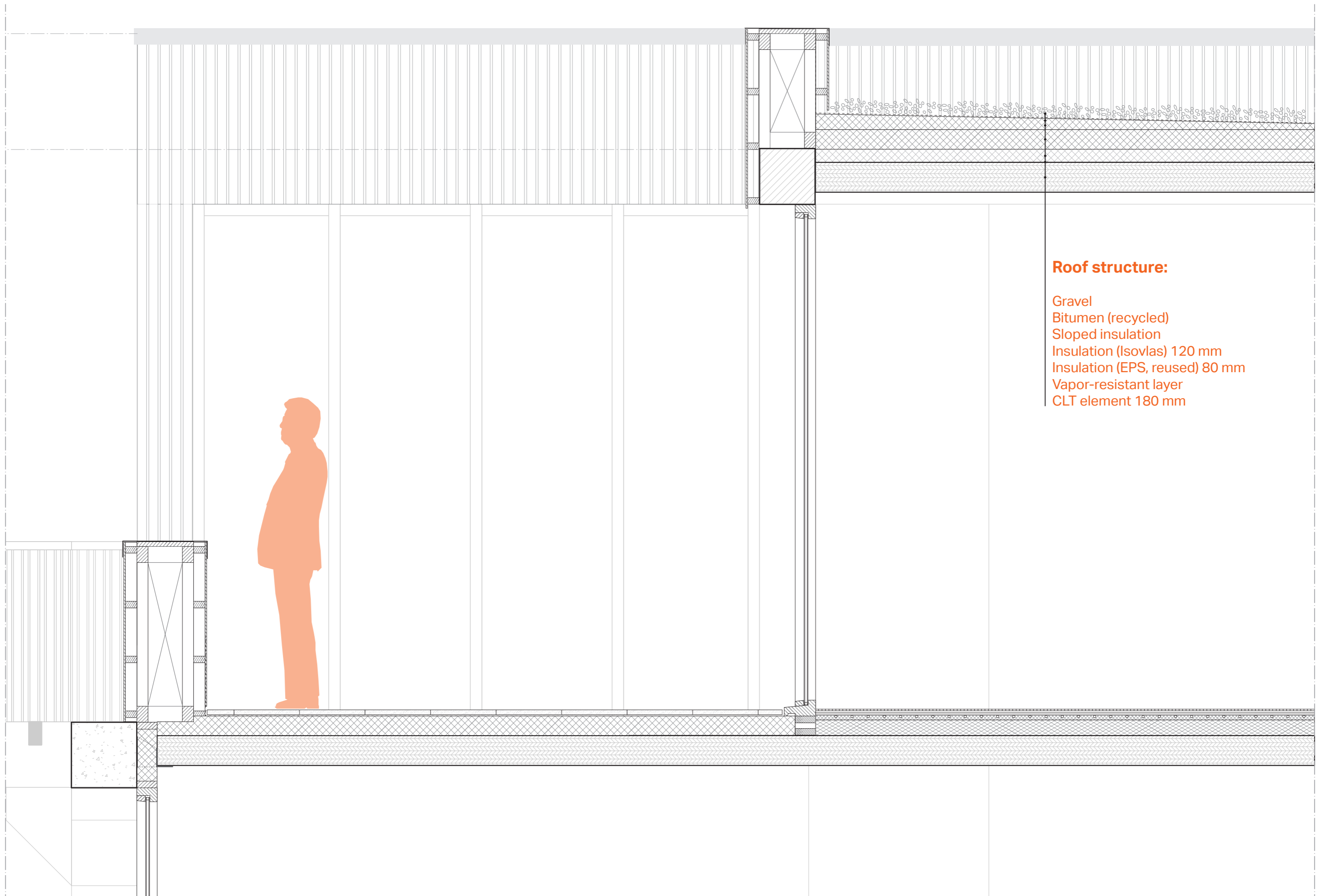


P = + 17500



P = + 14000



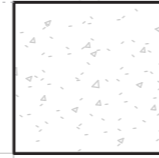


Roof structure:

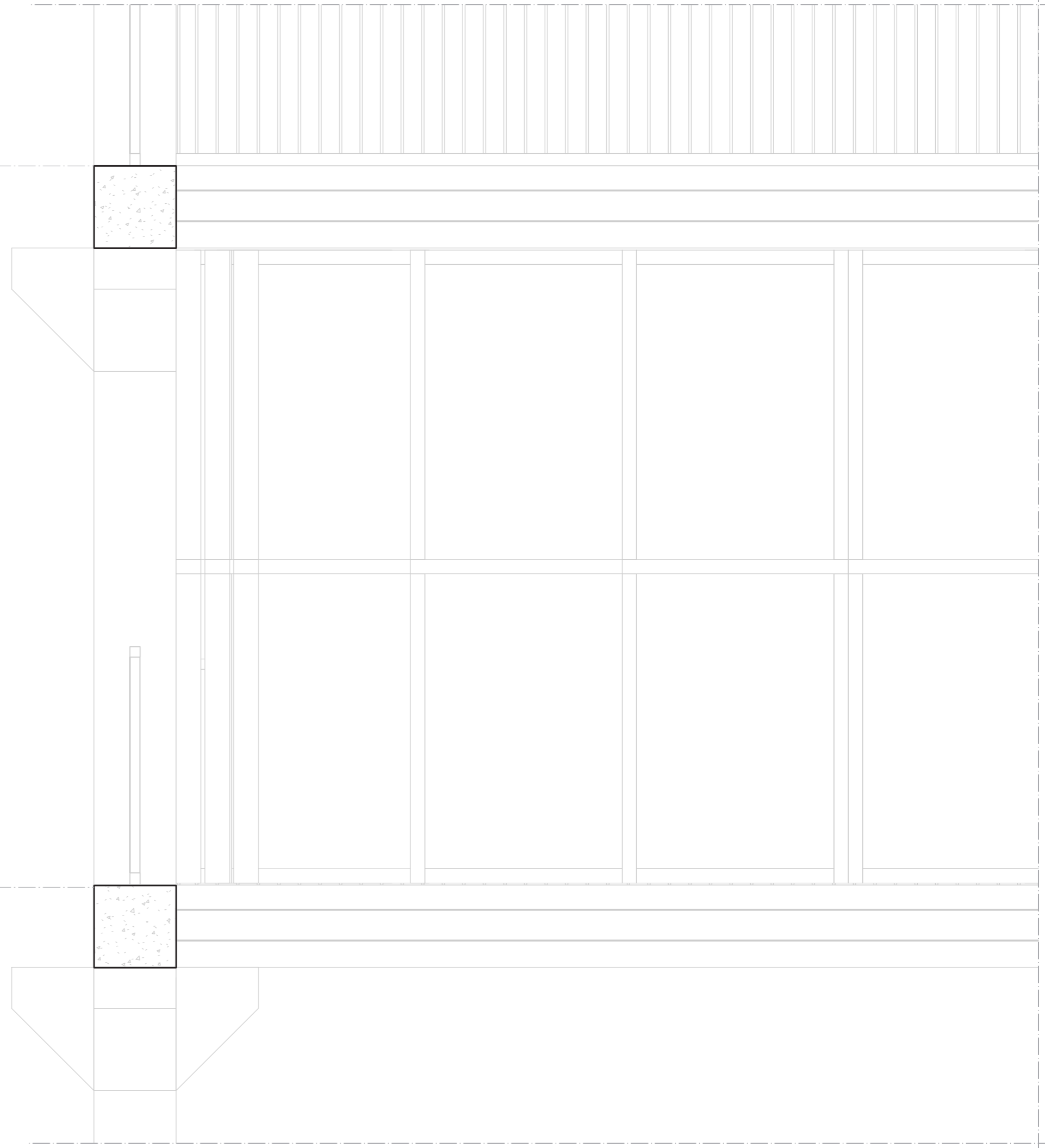
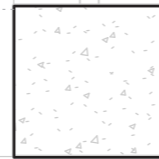
- Gravel
- Bitumen (recycled)
- Sloped insulation
- Insulation (Isovlas) 120 mm
- Insulation (EPS, reused) 80 mm
- Vapor-resistant layer
- CLT element 180 mm



P = + 10500



P = + 7000

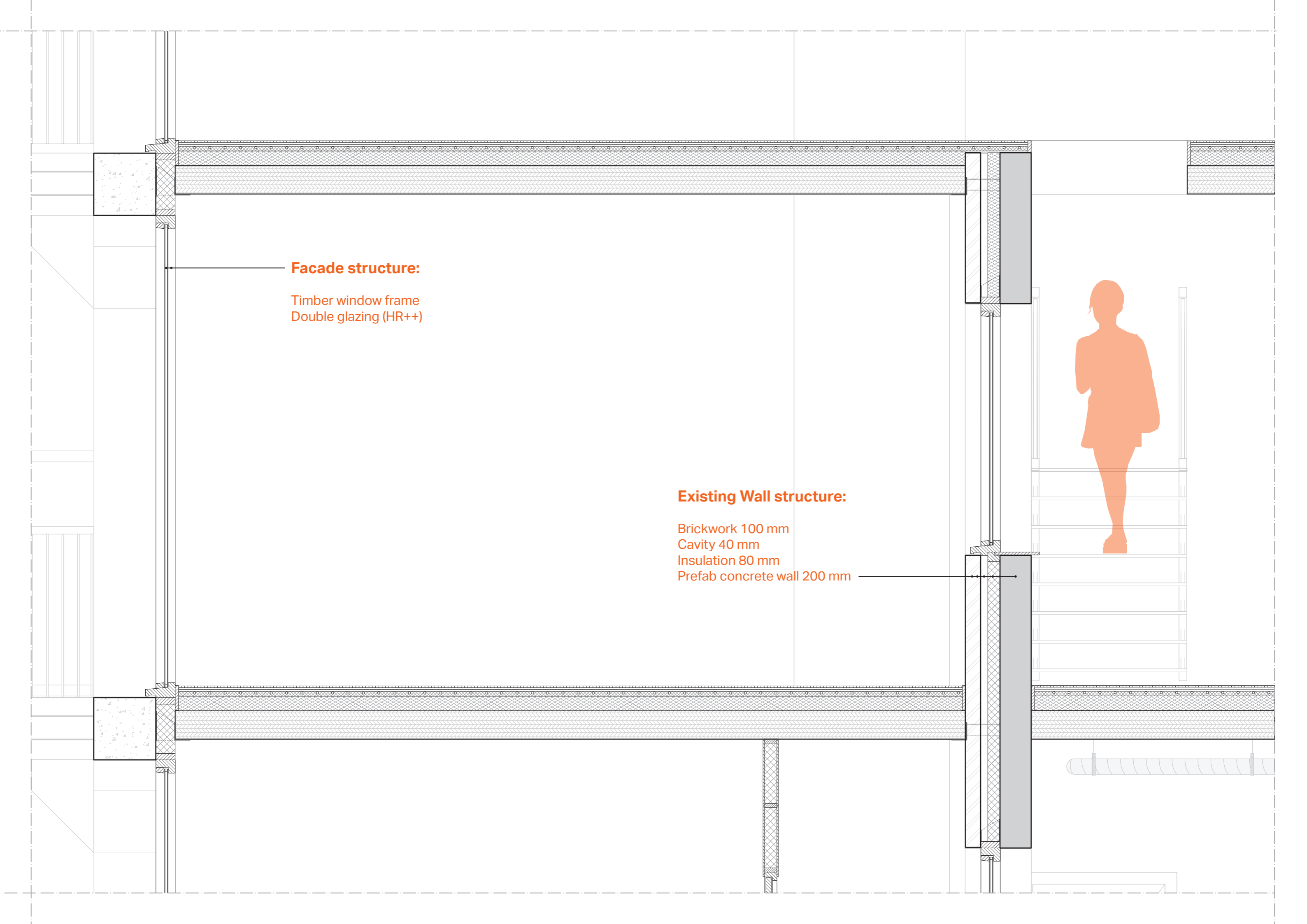
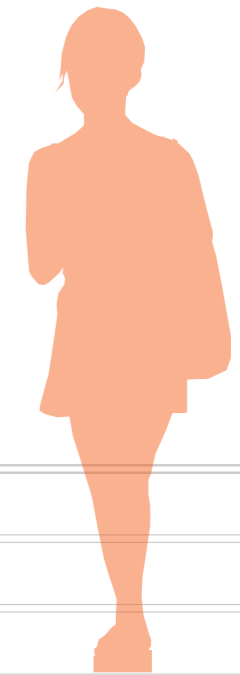


Facade structure:

Timber window frame
Double glazing (HR++)

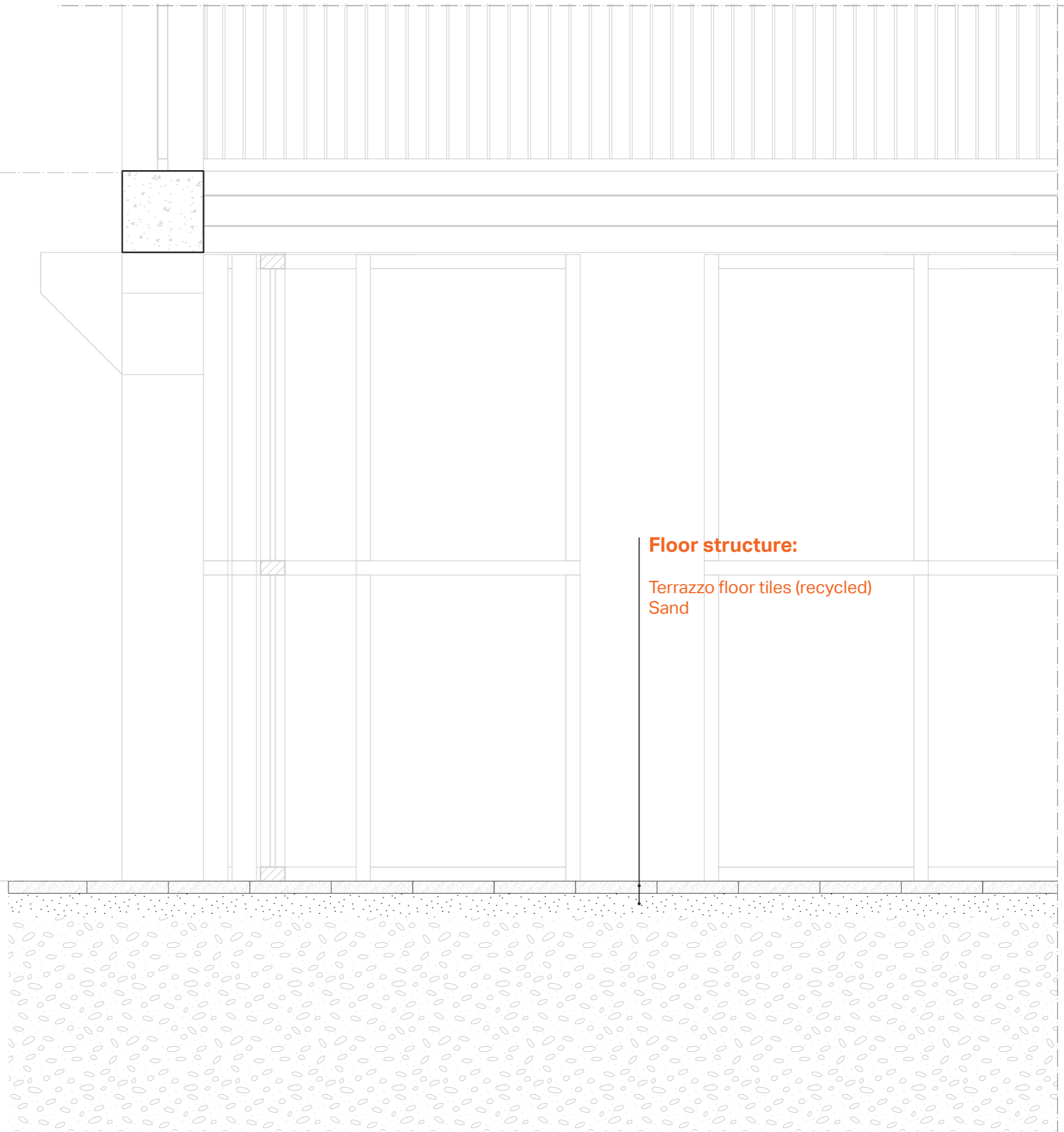
Existing Wall structure:

Brickwork 100 mm
Cavity 40 mm
Insulation 80 mm
Prefab concrete wall 200 mm



▼
P = + 3500

▼
P = + 0



Facade Section
1:20



Floor structure:

Finish floor
Floor heating 50 mm
Insulation (isovlas) 90 mm
CLT element 180 mm

Floor structure:

Finish floor
Floor heating 50 mm
Insulation (isovlas) 90 mm
Concrete floor (recycled) 200 mm
Insulation (isovlas) 100 mm

Floor structure:

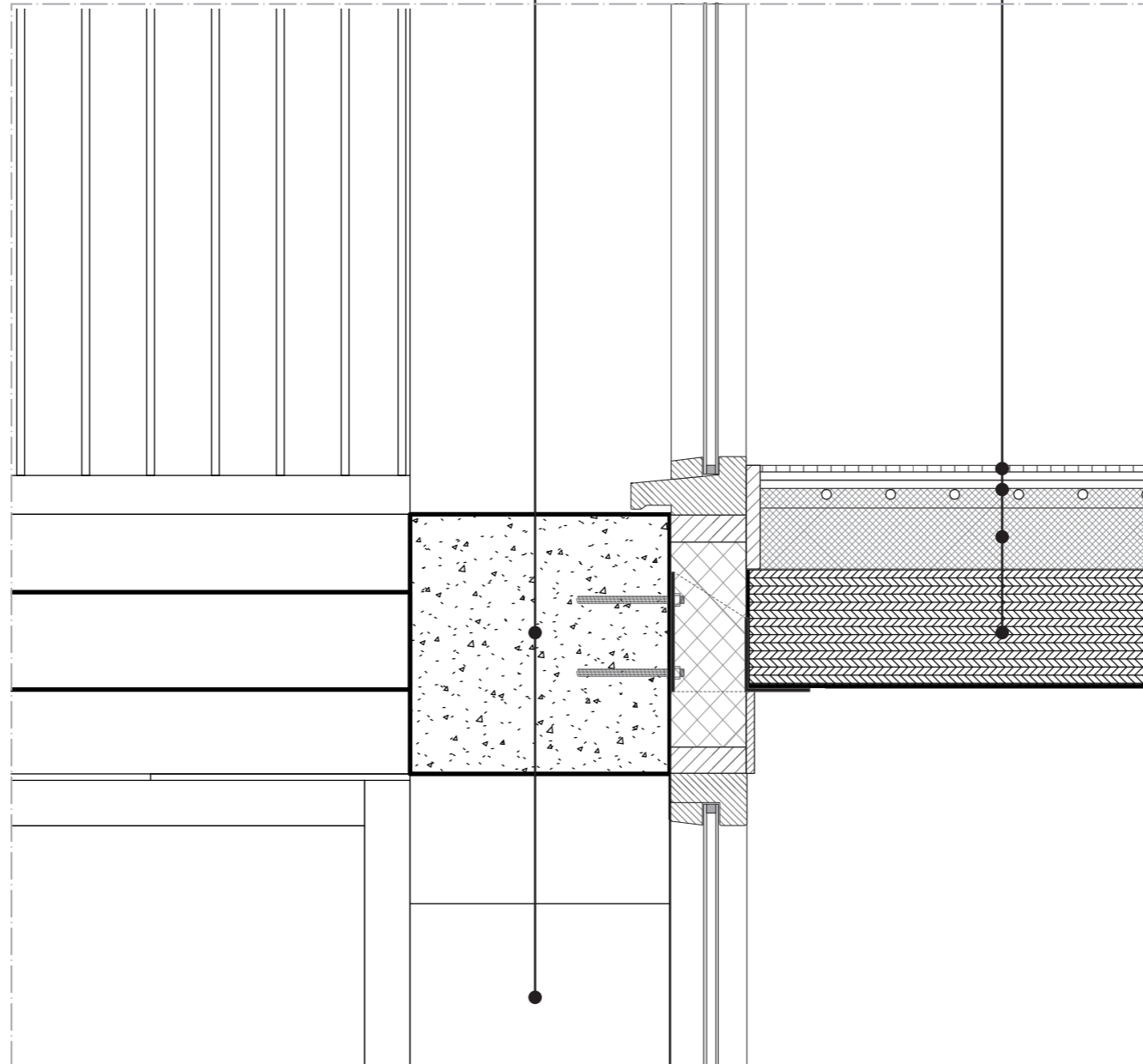
Finish floor
Floor heating 50 mm
Insulation (isovlas) 90 mm
Concrete floor (existing) 200 mm
Insulation (existing) 100 mm

Concrete structure:

Concrete beam 400 x 400 (reused)
Concrete column 400 x 400 (reused)

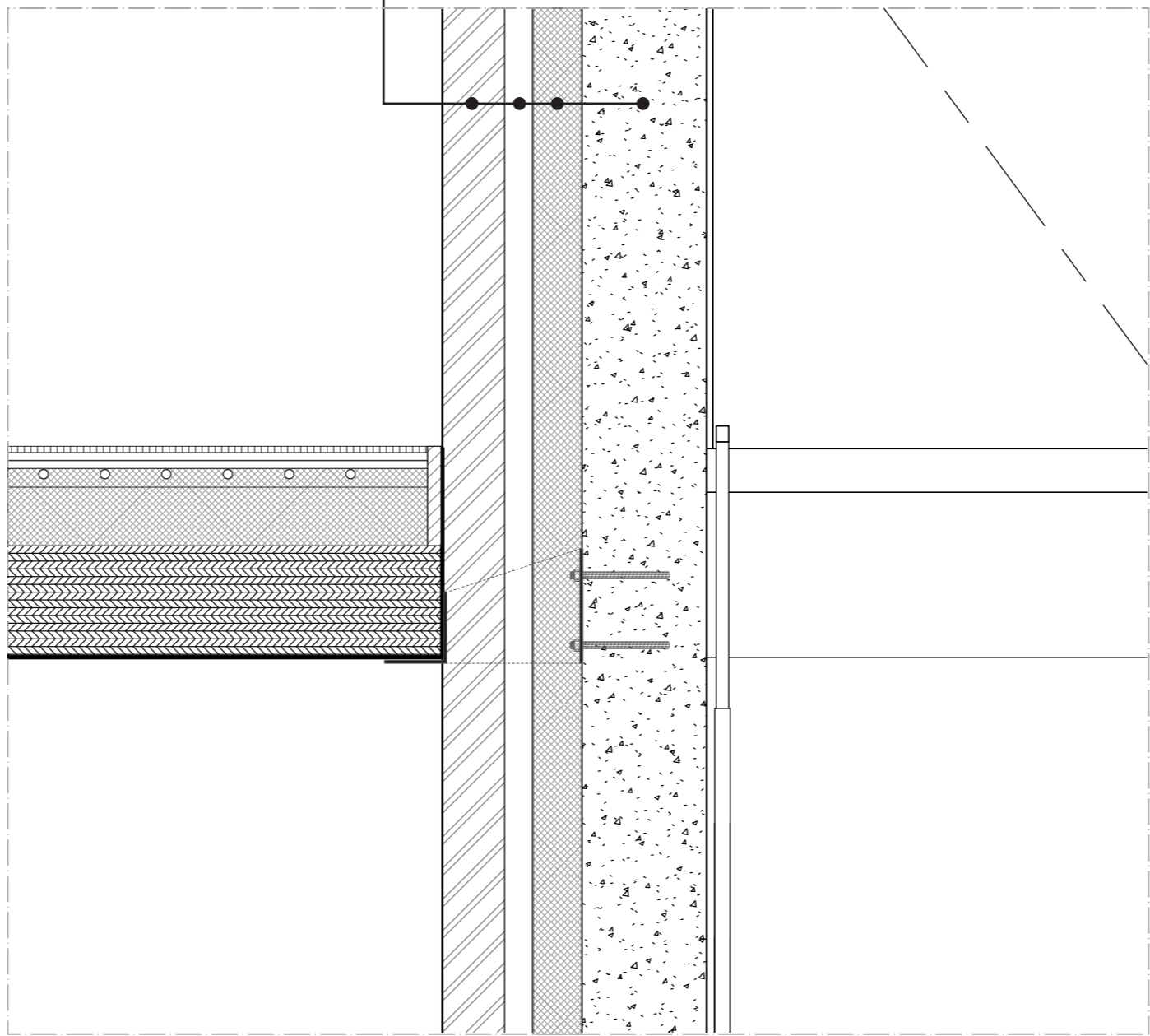
New floor structure:

Finish floor
Floor heating 50 mm
Insulation (isovlas) 90 mm
CLT element 180 mm



Existing wall structure:

- Brickwork 100 mm
- Cavity 40 mm
- Insulation 80 mm
- Prefab concrete wall 200 mm



New wall structure:

- Green facade (living wall system)
- Double pane, reflective glass panel (reused)
- Wood cladding
- Insulation (isovlas) 180 mm
- Timber framing
- CLT 100 mm
- Wall finish

