



NEW URBAN FRONT

P5 Drawing Set - O.F.S.F. Türkcan (4309634)



complex projects

22/01/2021

fall semester

Jelmer van Zalingen (1st mentor)
Sjap Holst (2nd mentor)
Hrvoje Smidihen (3rd mentor)
Alexander Wandl (external examiner)

Plans

Sections

Elevations

Fragments

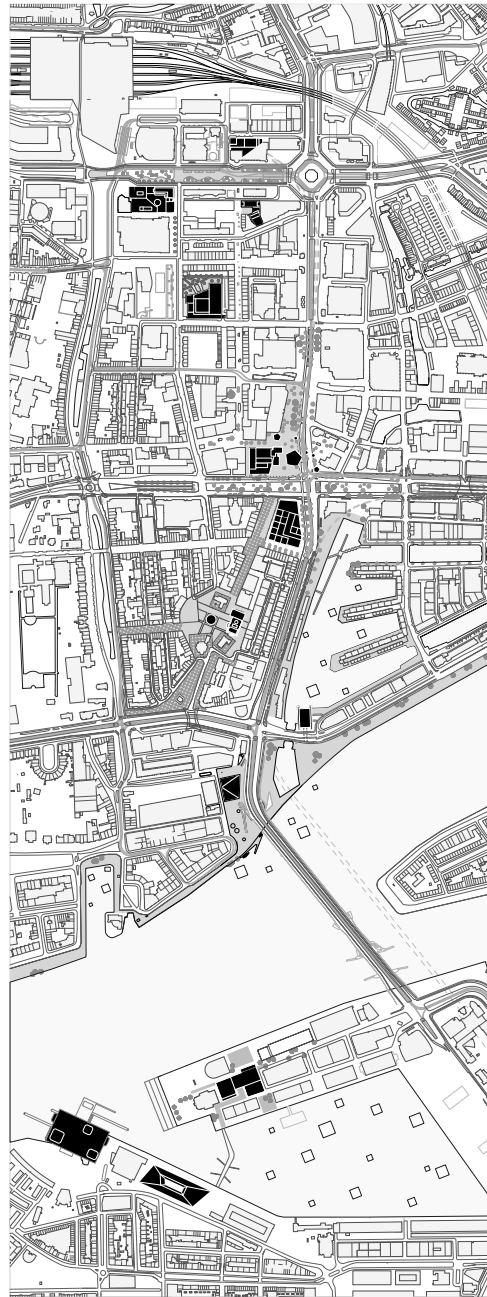
Details

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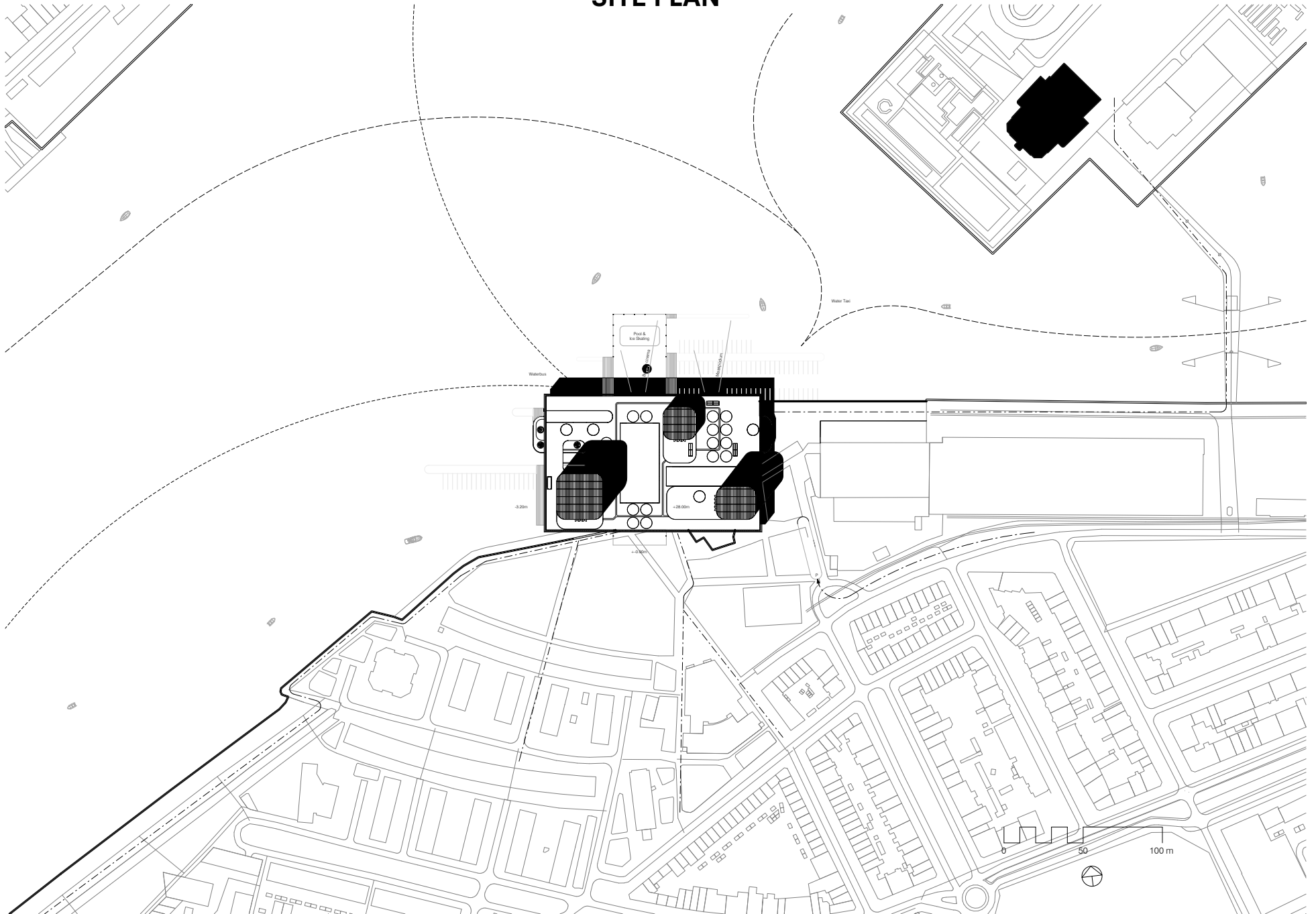
Plans (1:10.000)

GROUP SITE PLAN

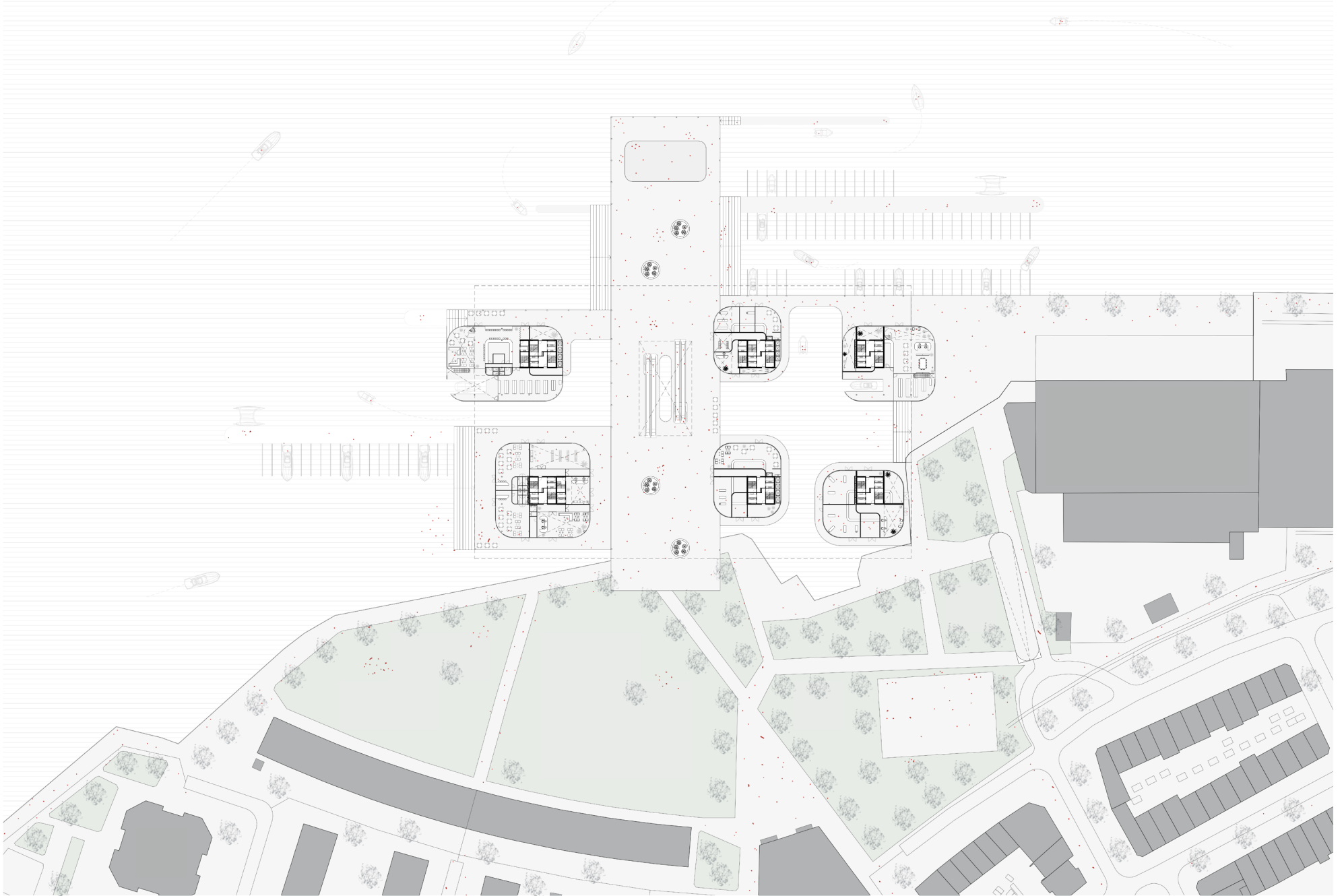


Plans (1:1000)

SITE PLAN

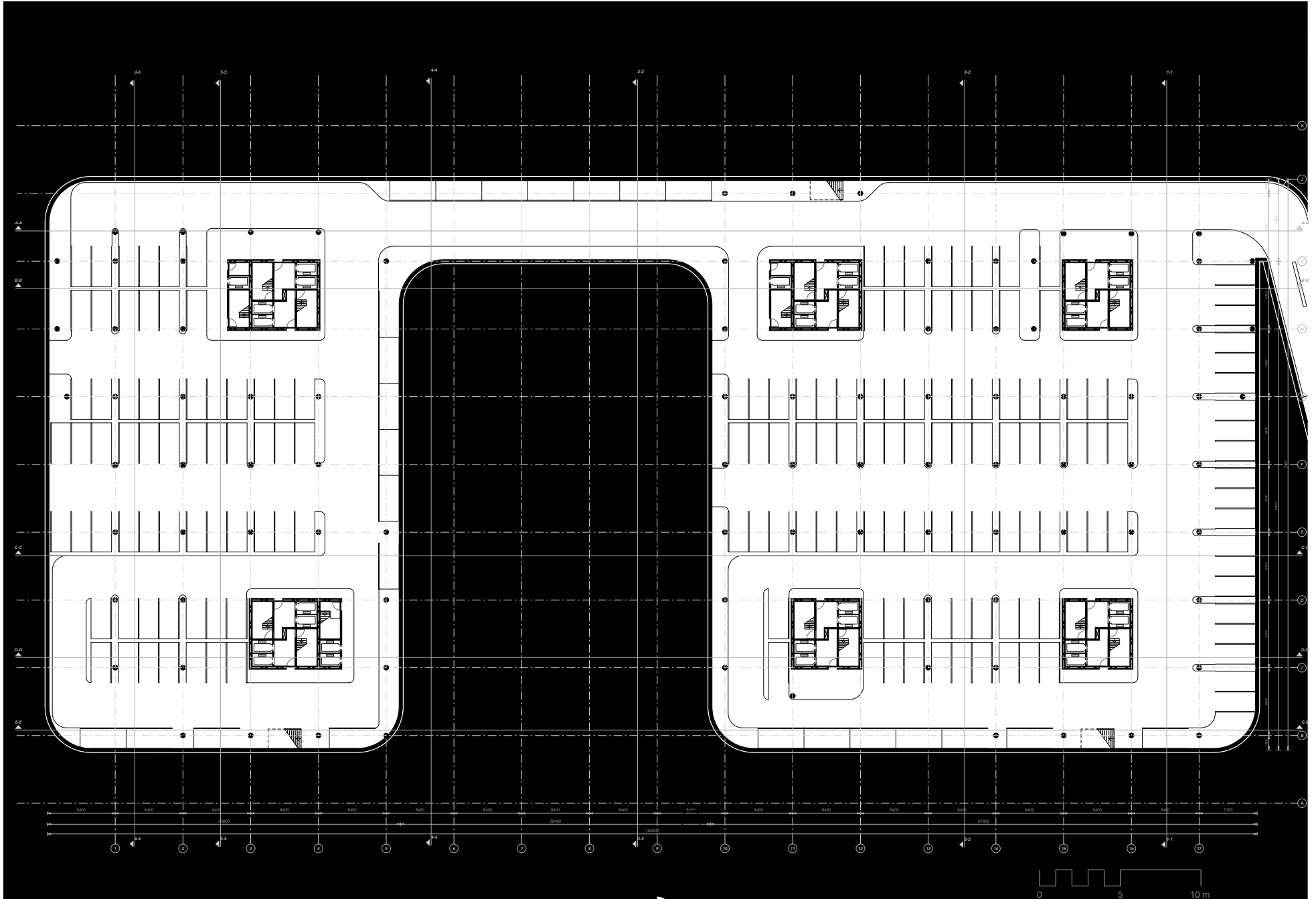


URBAN IMPLEMENTATION PLAN



Plans (1:200)

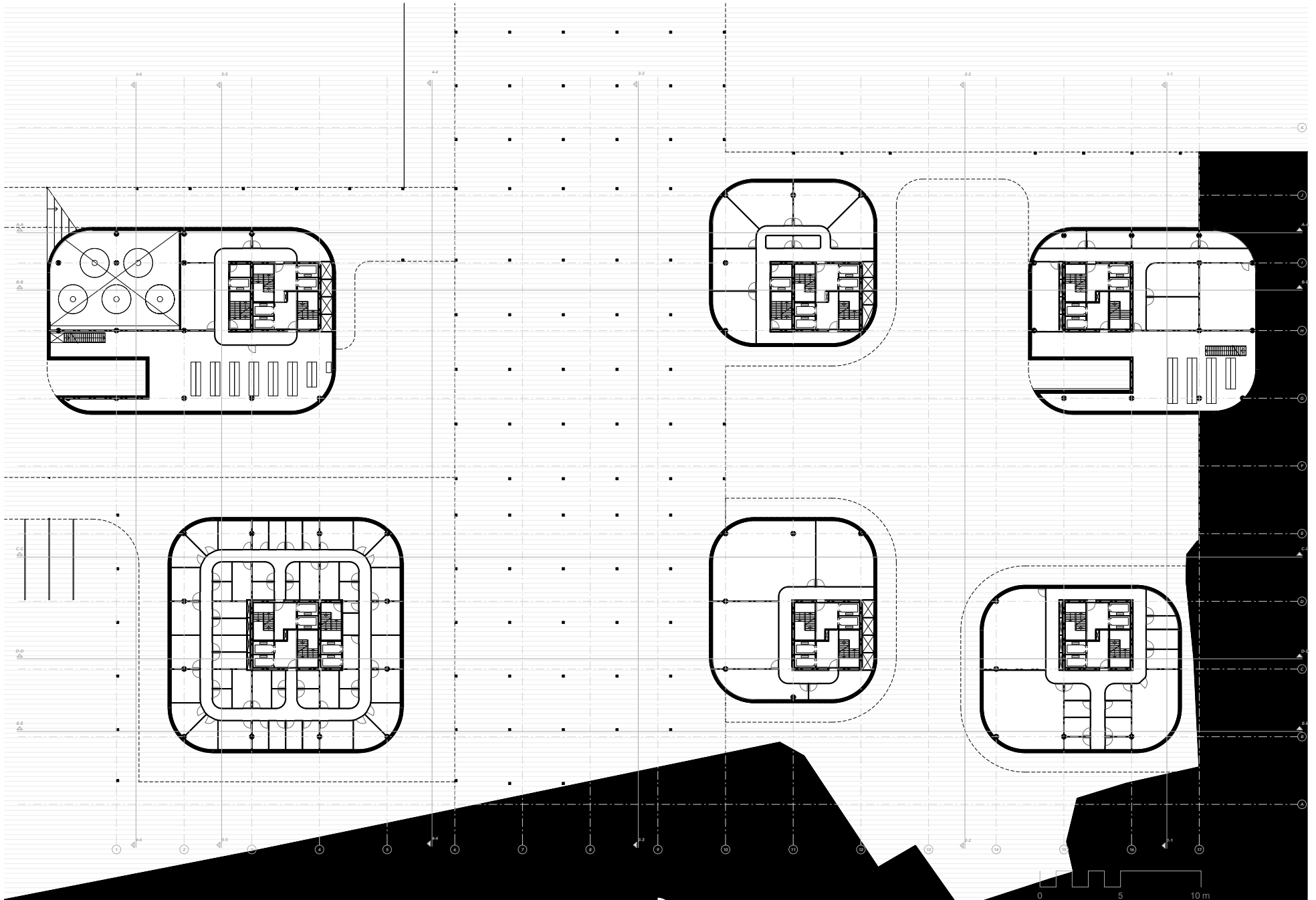
-10.40M PLAN (LV-3)



-7.20M PLAN (LV-2)

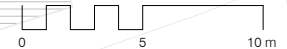
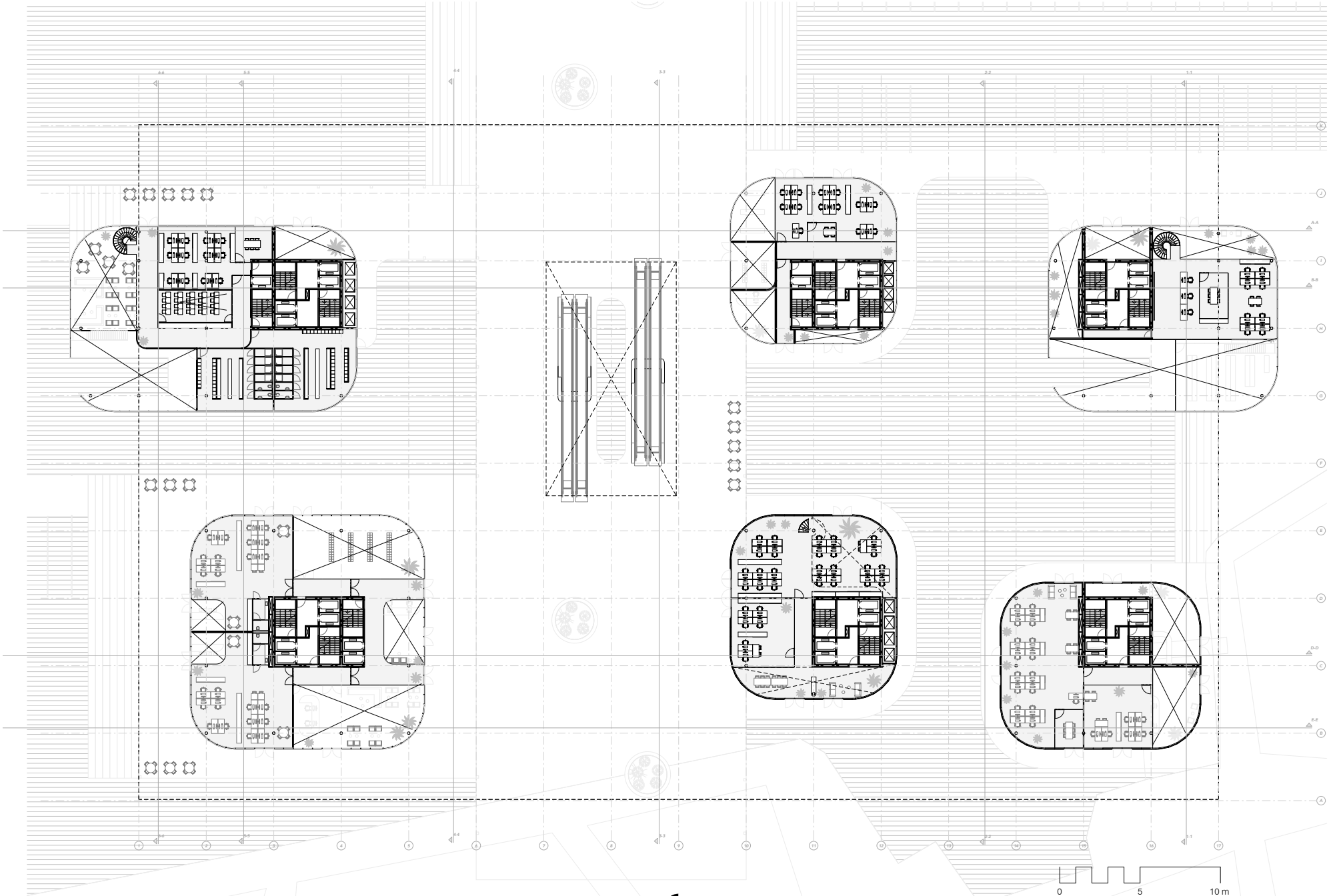


-4.00M PLAN (LV-1)

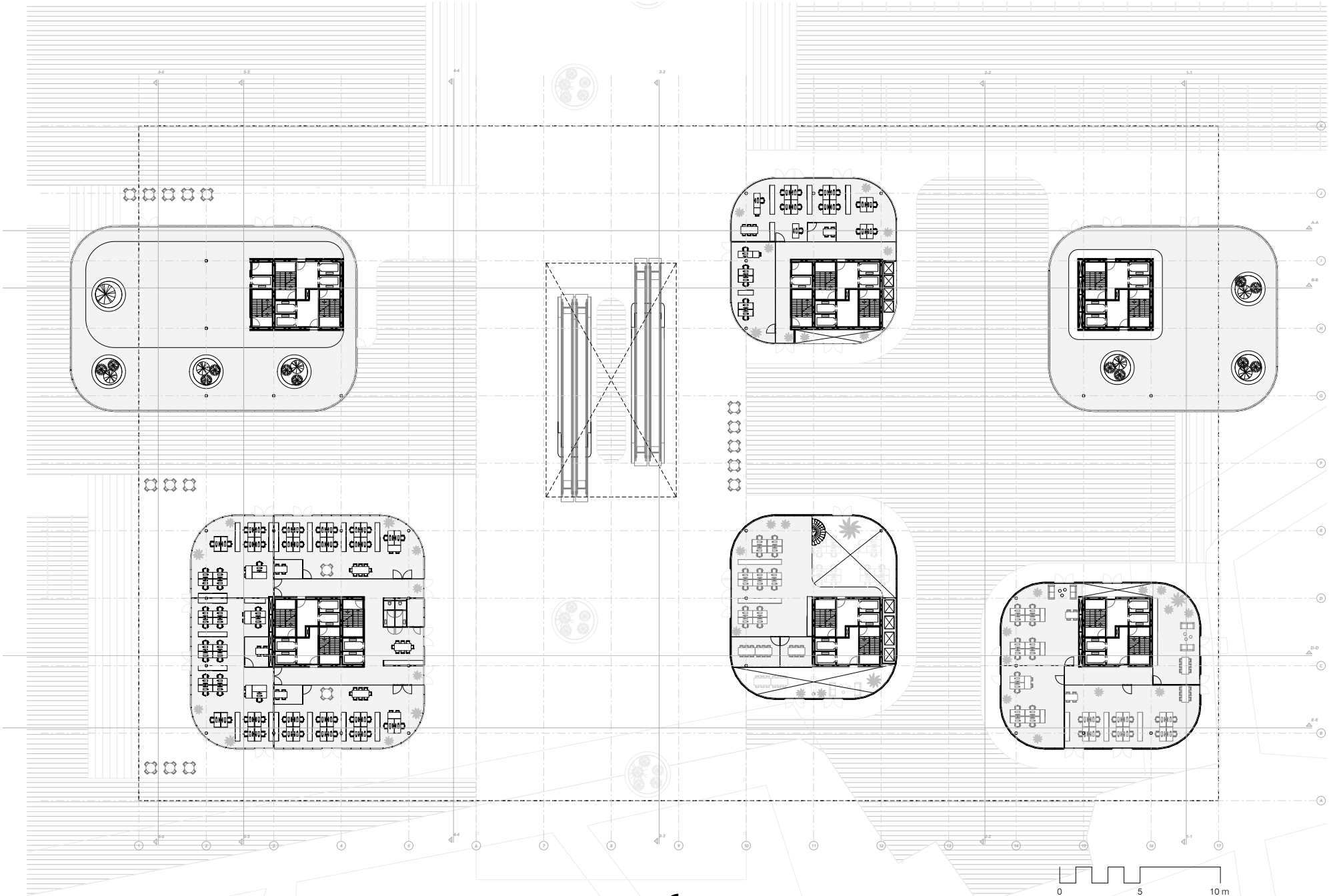


Plans (1:200)

+4.00M PLAN (LV1)

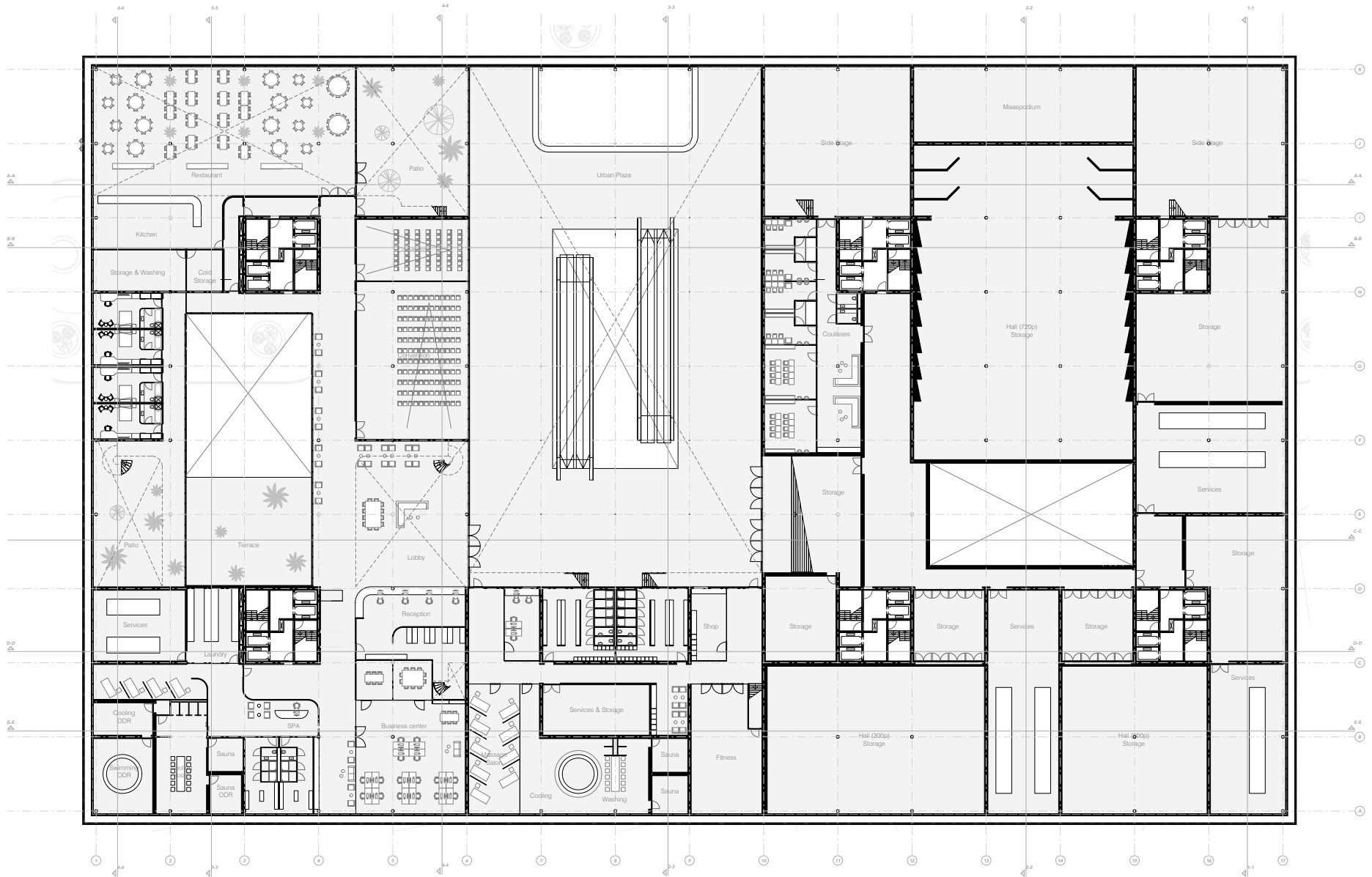


+8.00M PLAN (LV2)



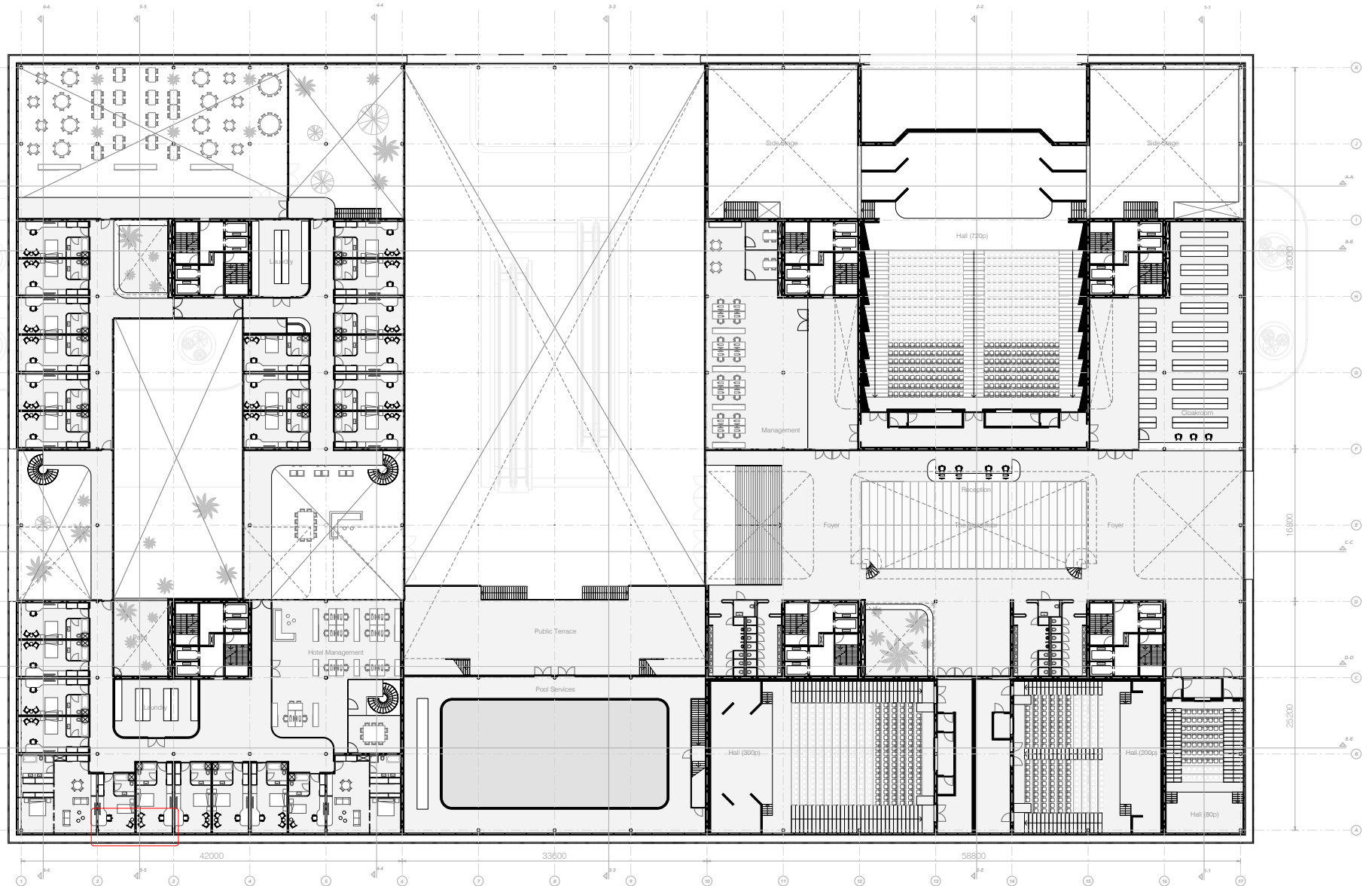
Plans (1:200)

+12.00M PLAN (LV3)



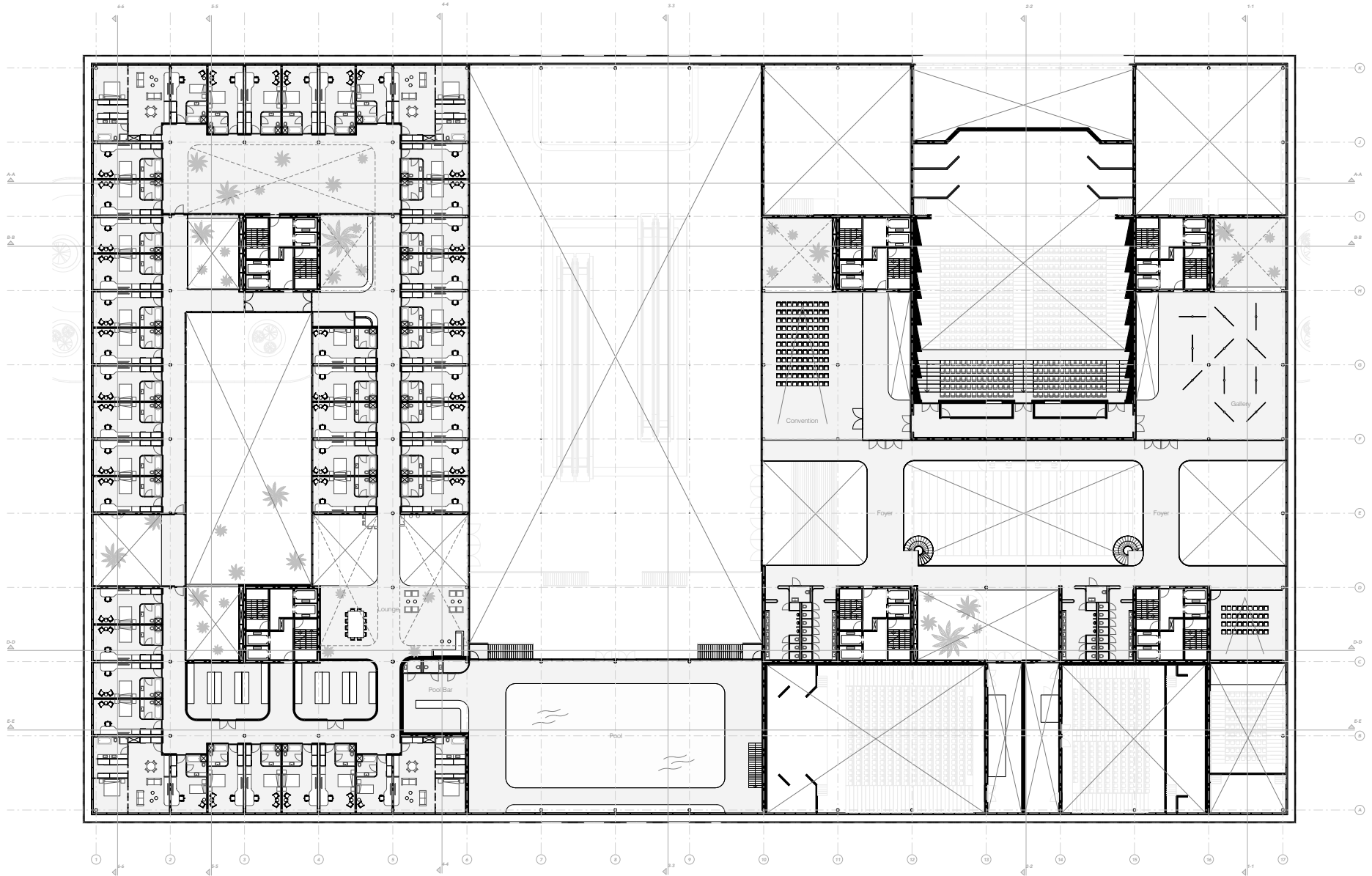
Plans (1:200)

+16.00M PLAN (LV4)



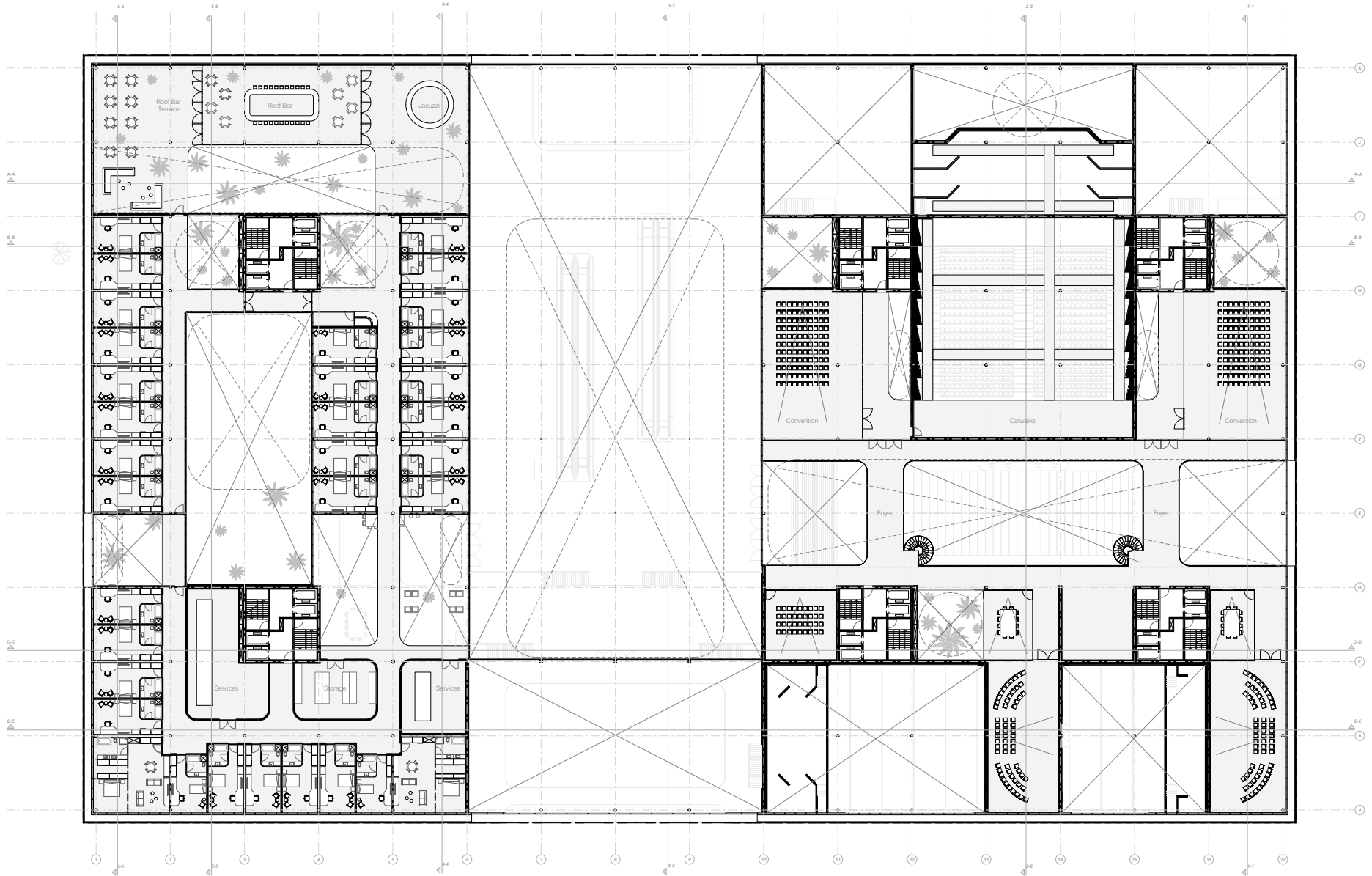
Plans (1:200)

+20.00M PLAN (LV5)



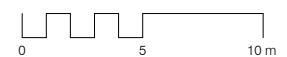
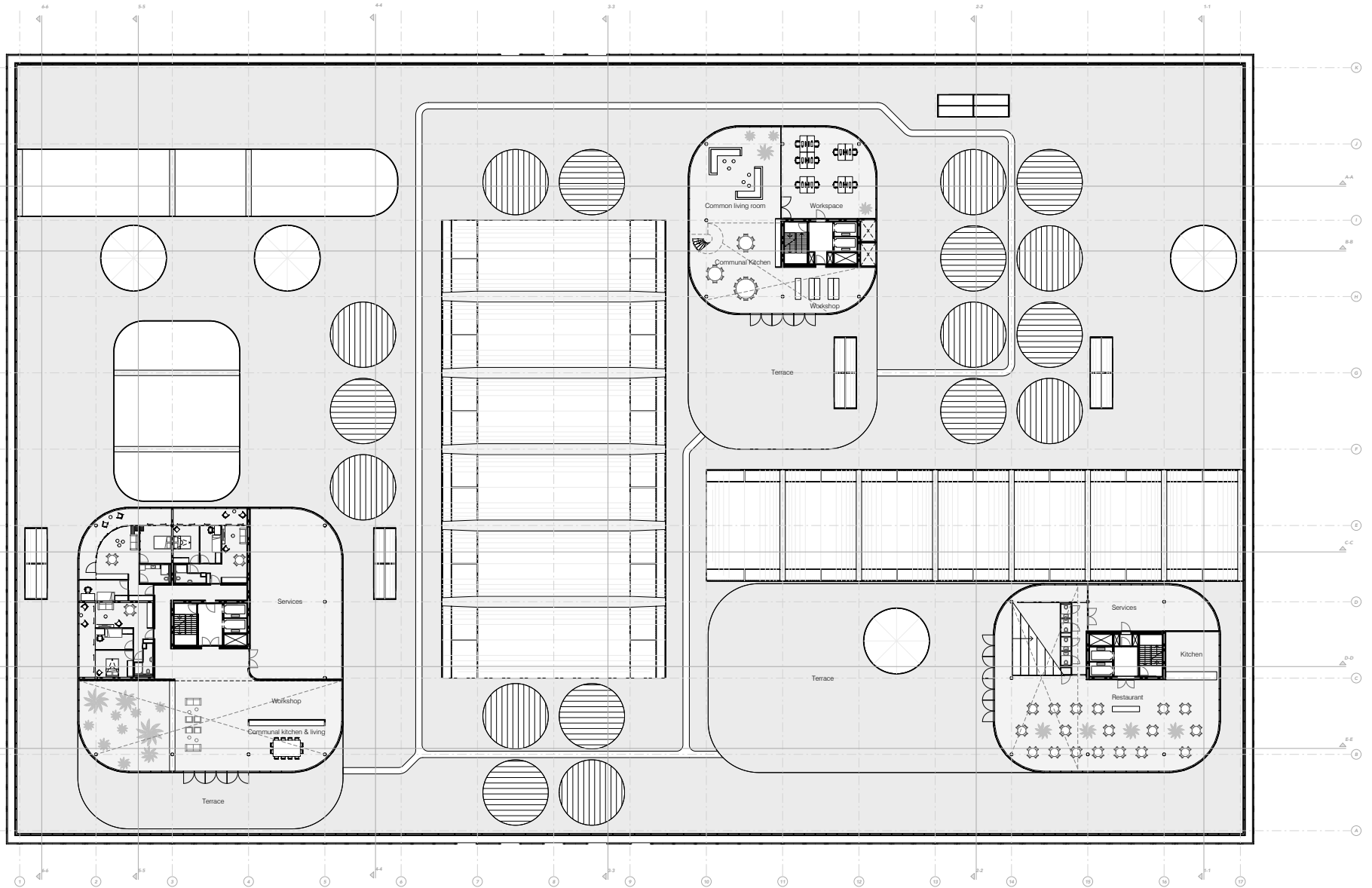
Plans (1:200)

+24.00M PLAN (LV6)



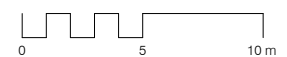
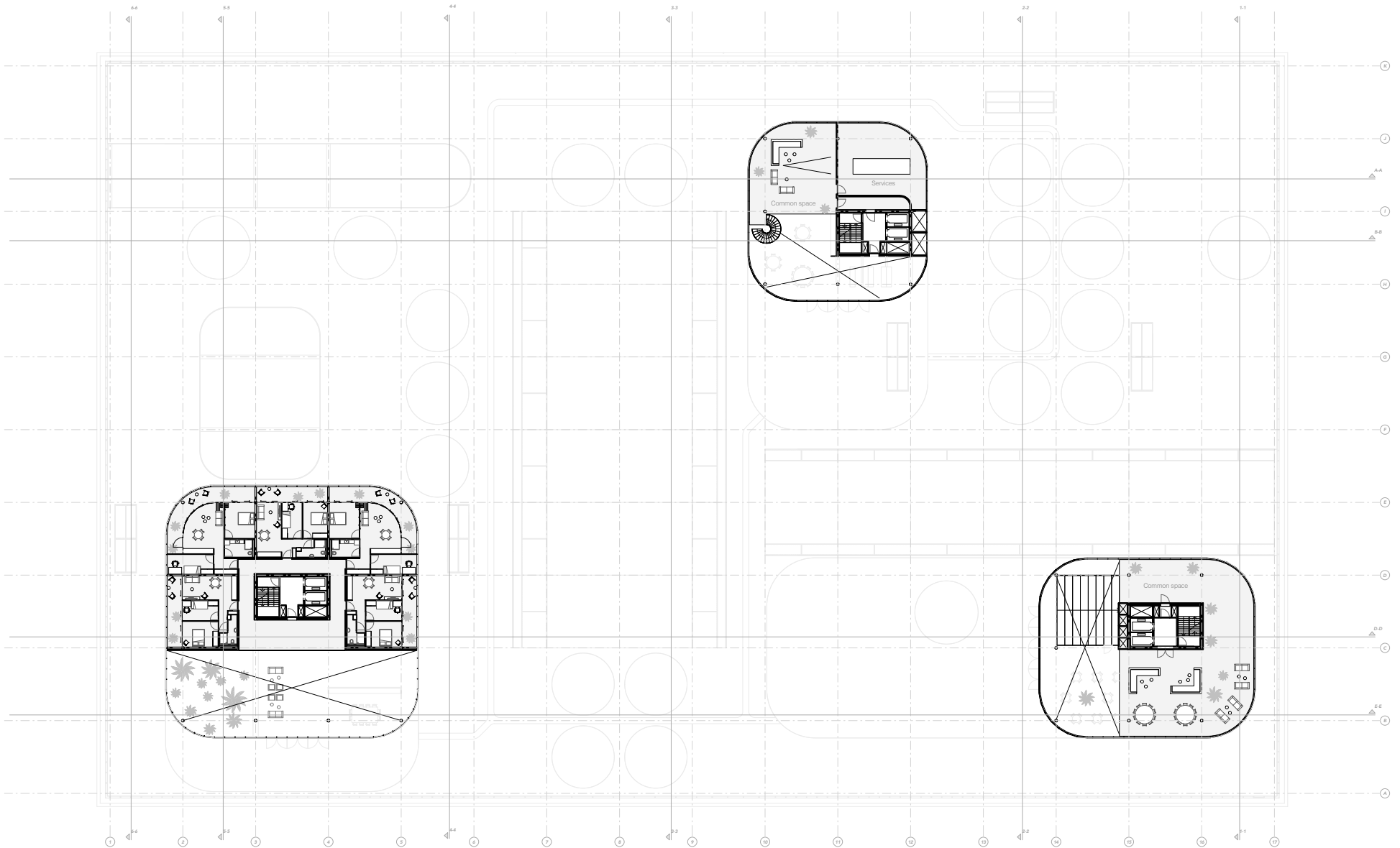
Plans (1:200)

+28.00M PLAN (LV7)



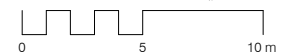
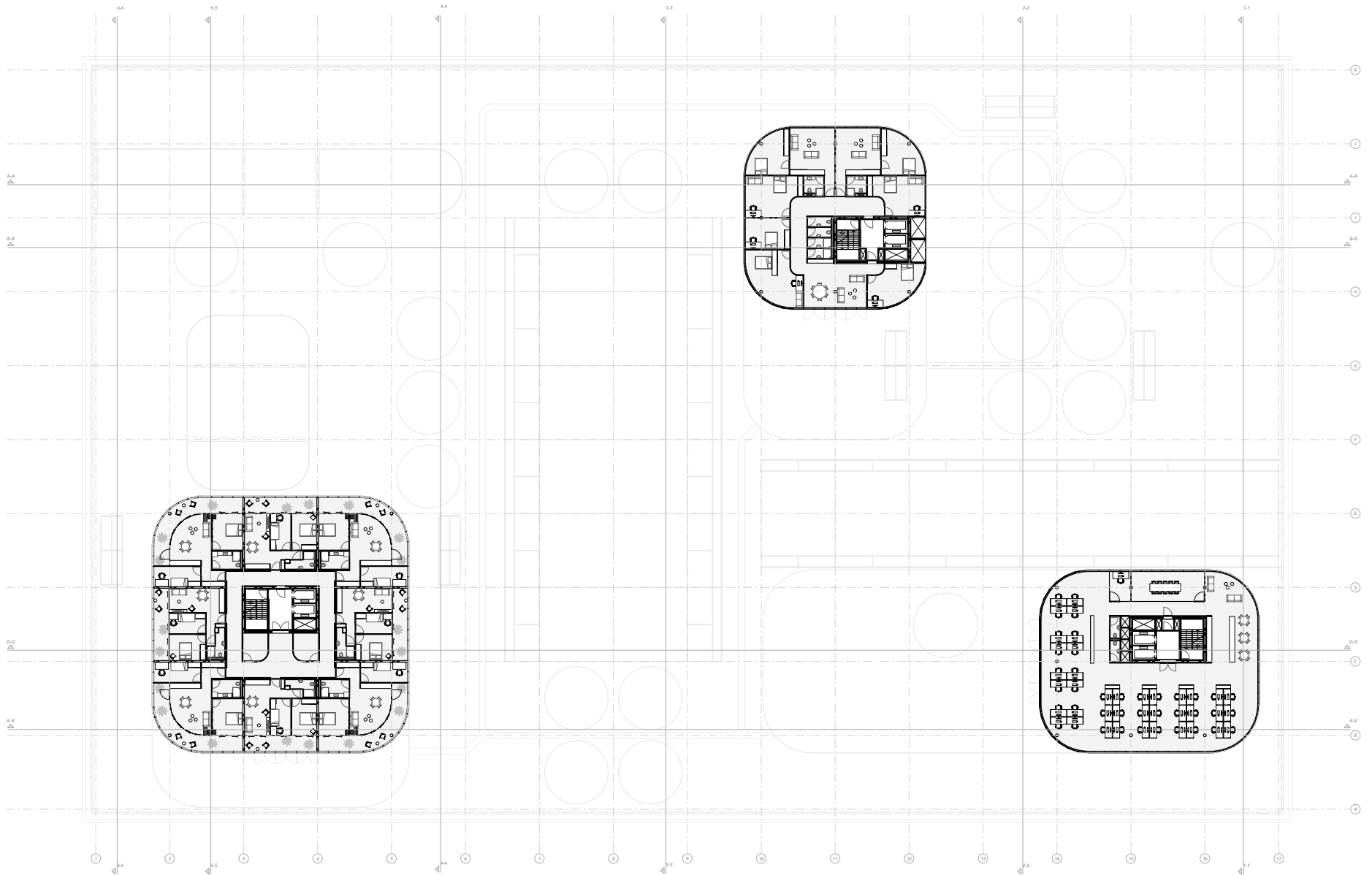
Plans (1:200)

+32.00M PLAN (LV8)



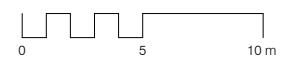
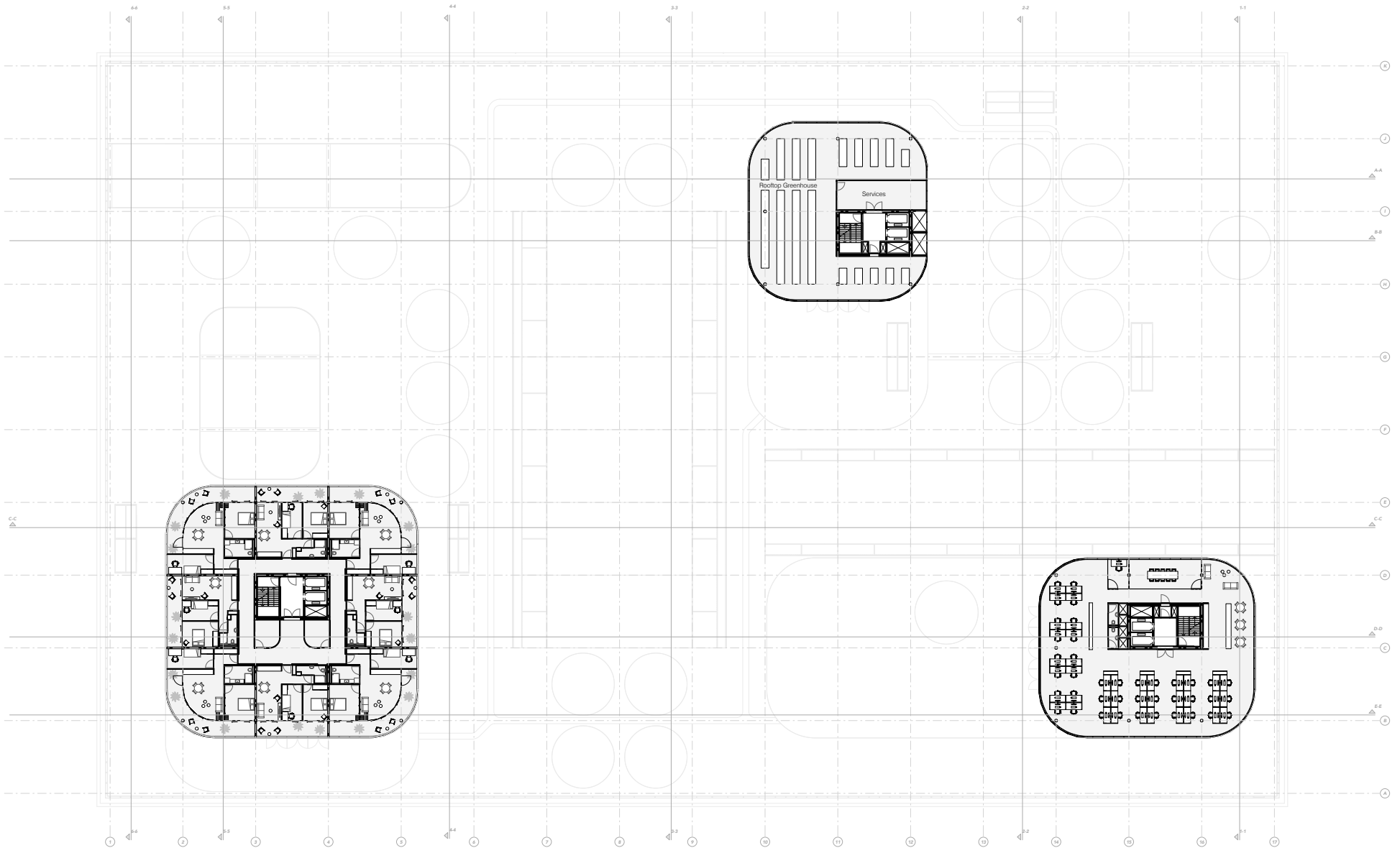
Plans (1:200)

+36.00M PLAN (LV9)



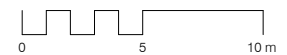
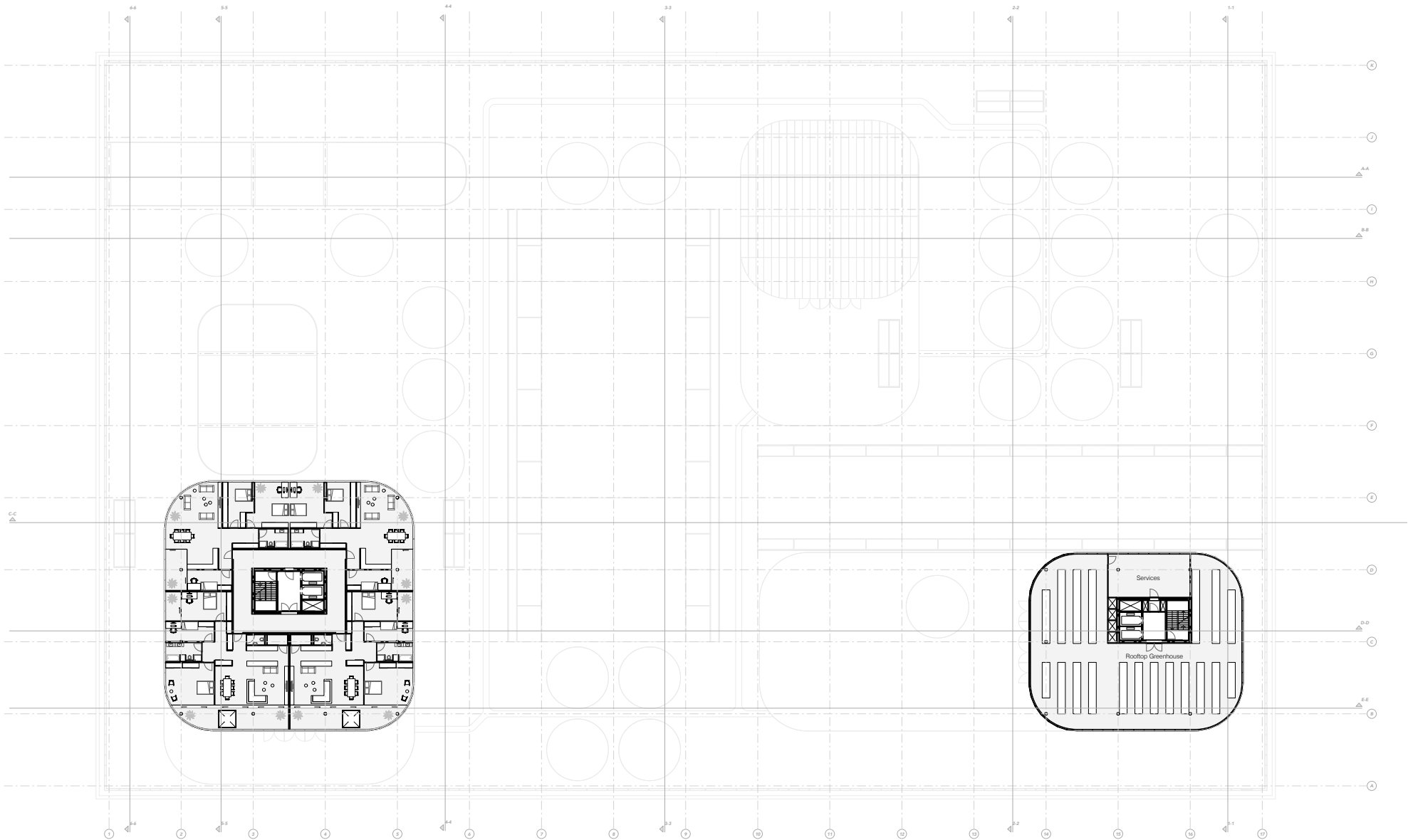
Plans (1:200)

+44.00M PLAN (LV11)



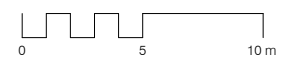
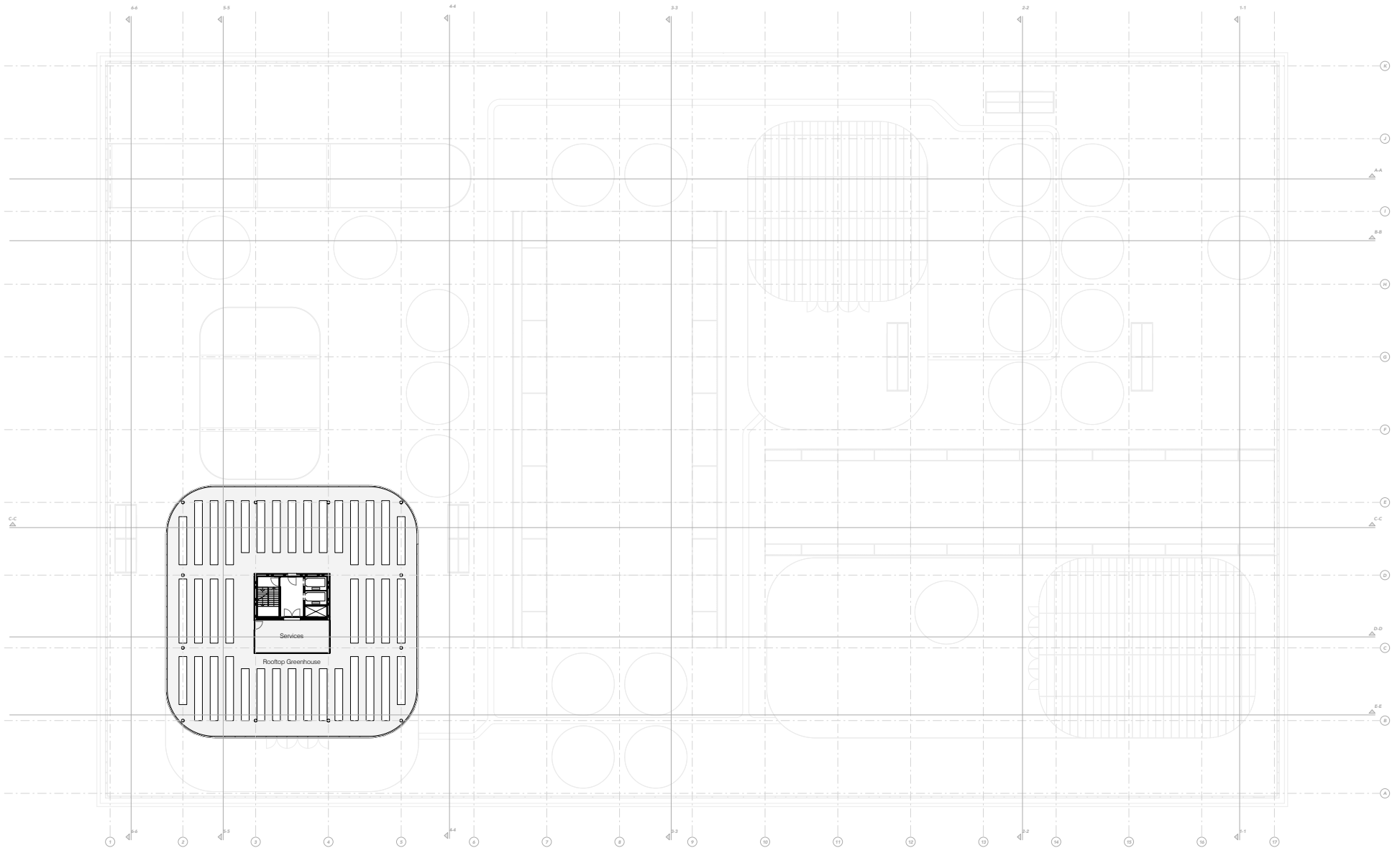
Plans (1:200)

+56.00M PLAN (LV14)



Plans (1:200)

+80.00M PLAN (LV20)



Plans

Sections

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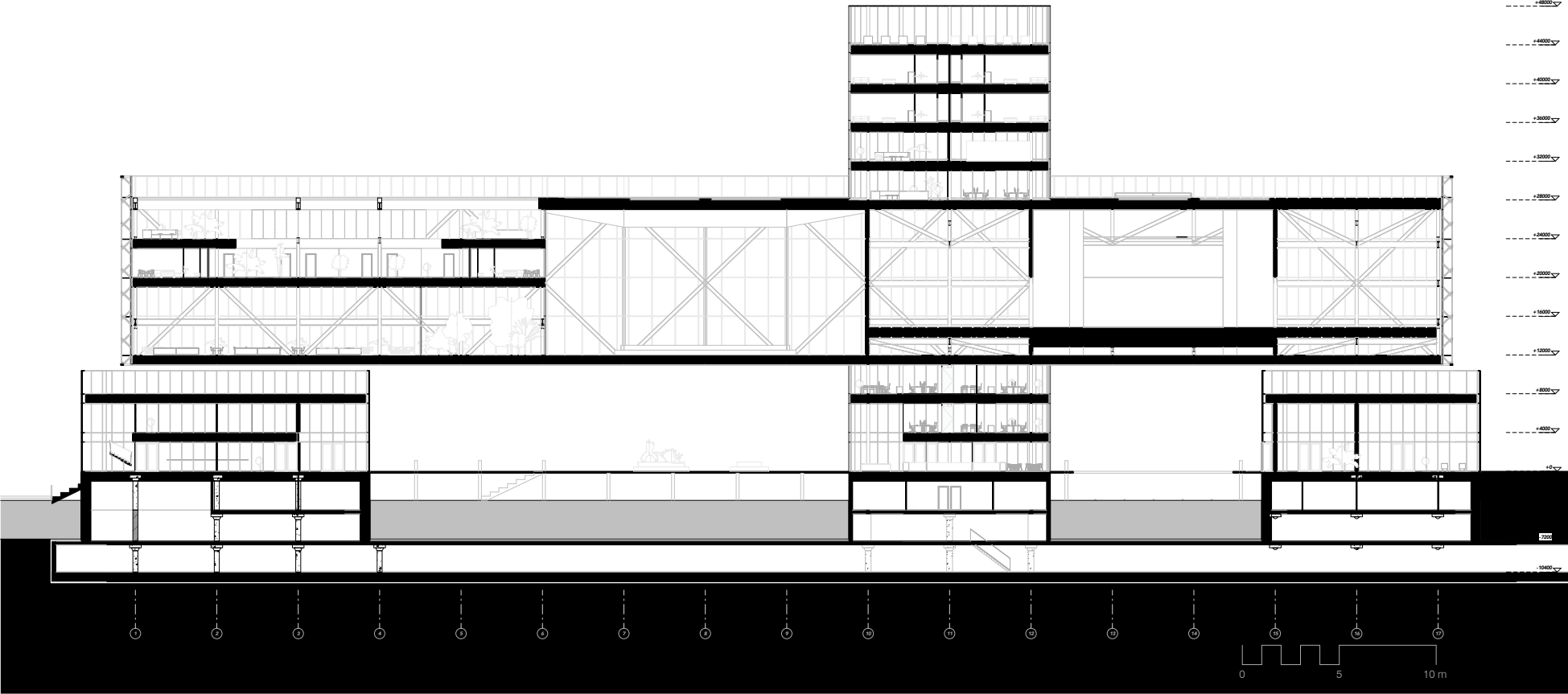
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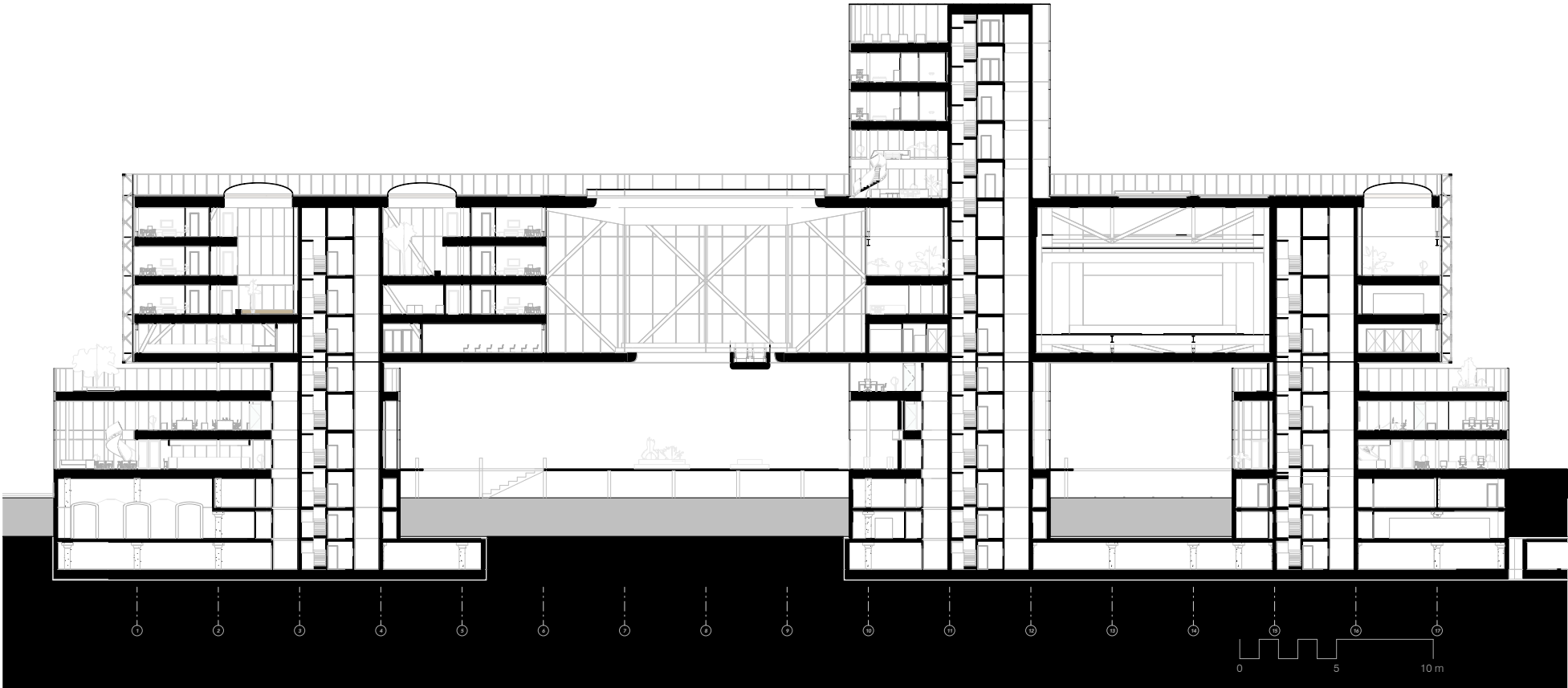
Longitudinal Sections (1:200)

SECTION A-A

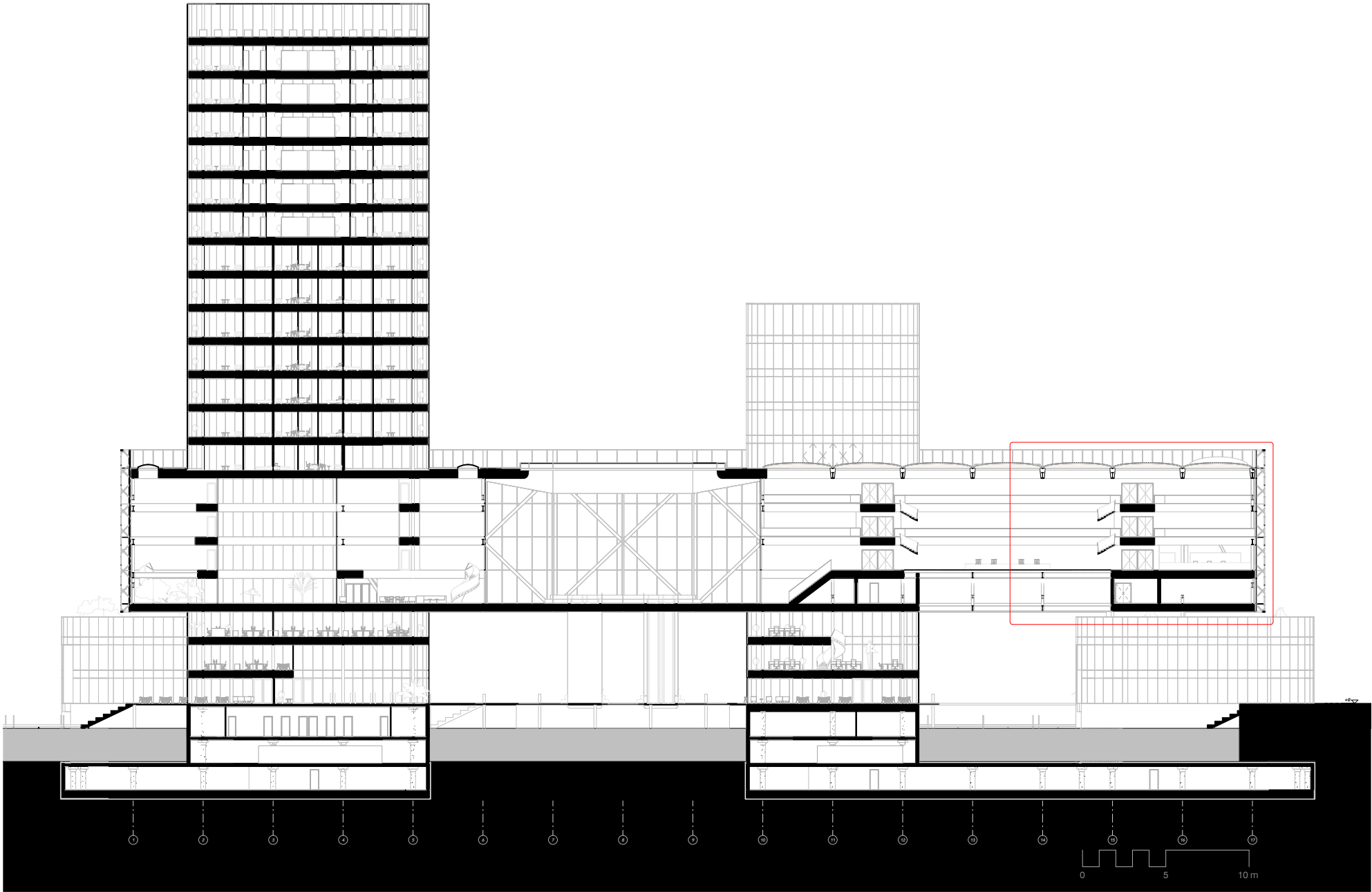


Longitudinal Sections (1:200)

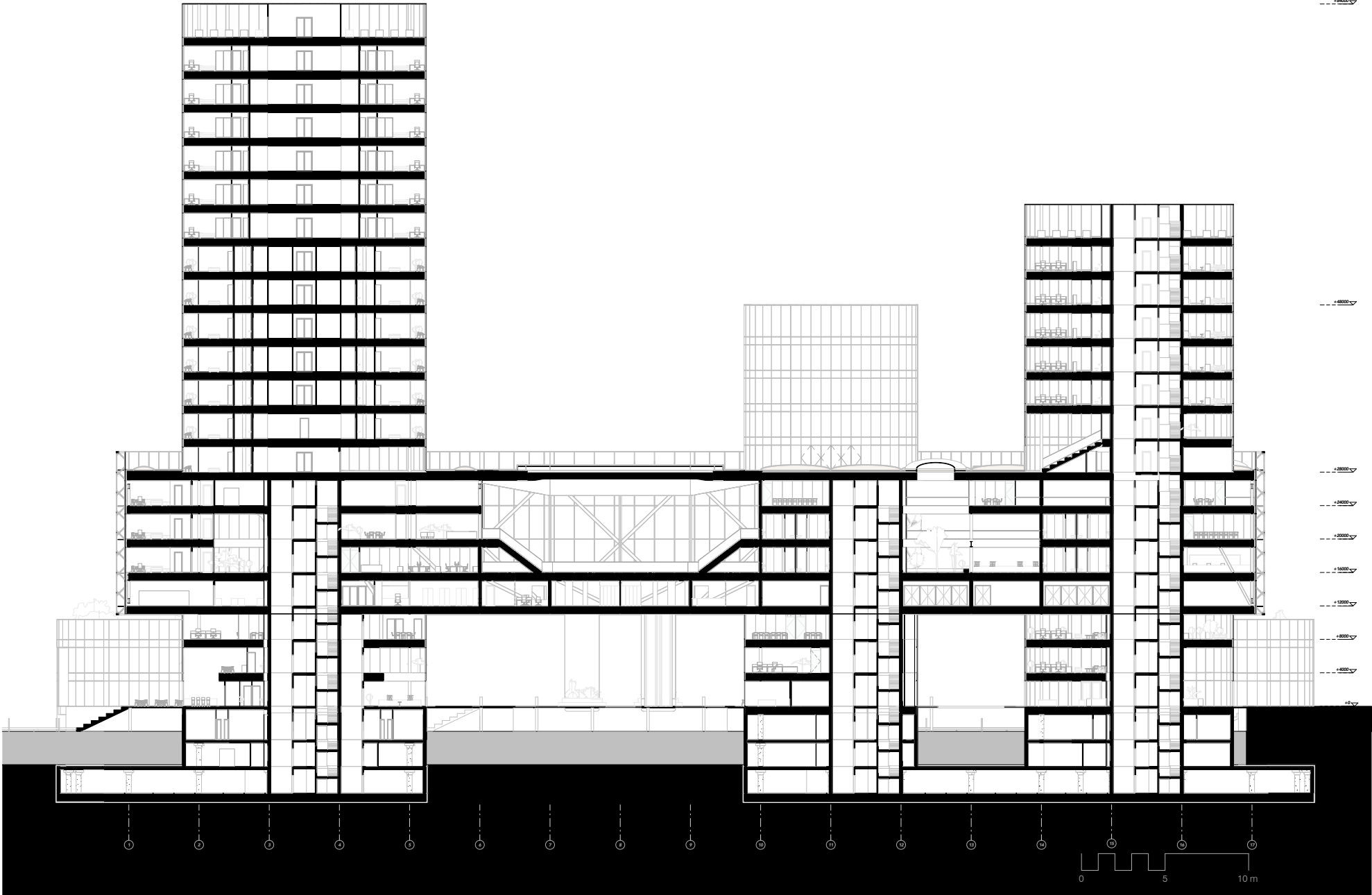
SECTION B-B



SECTION C-C

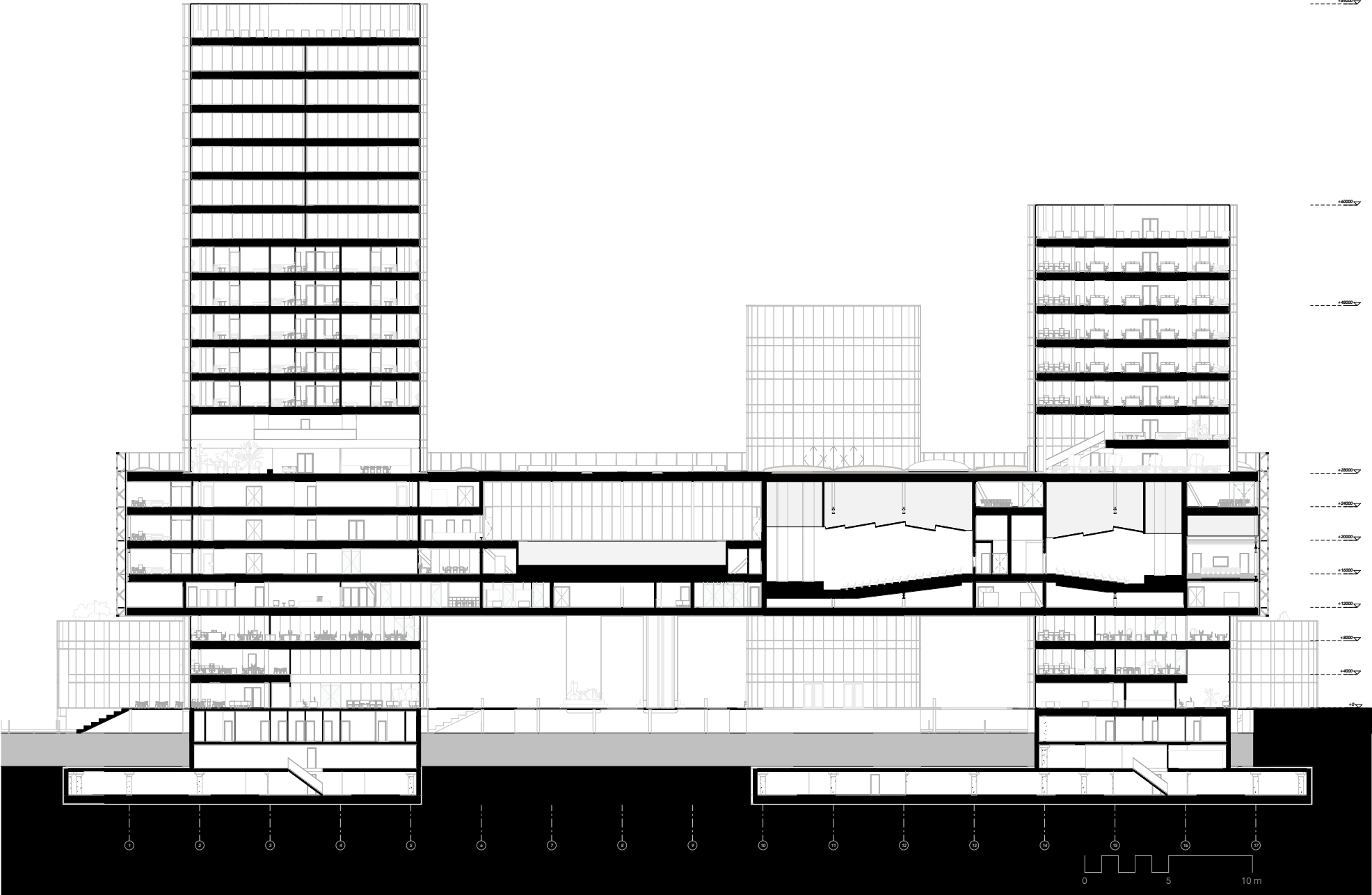


SECTION D-D



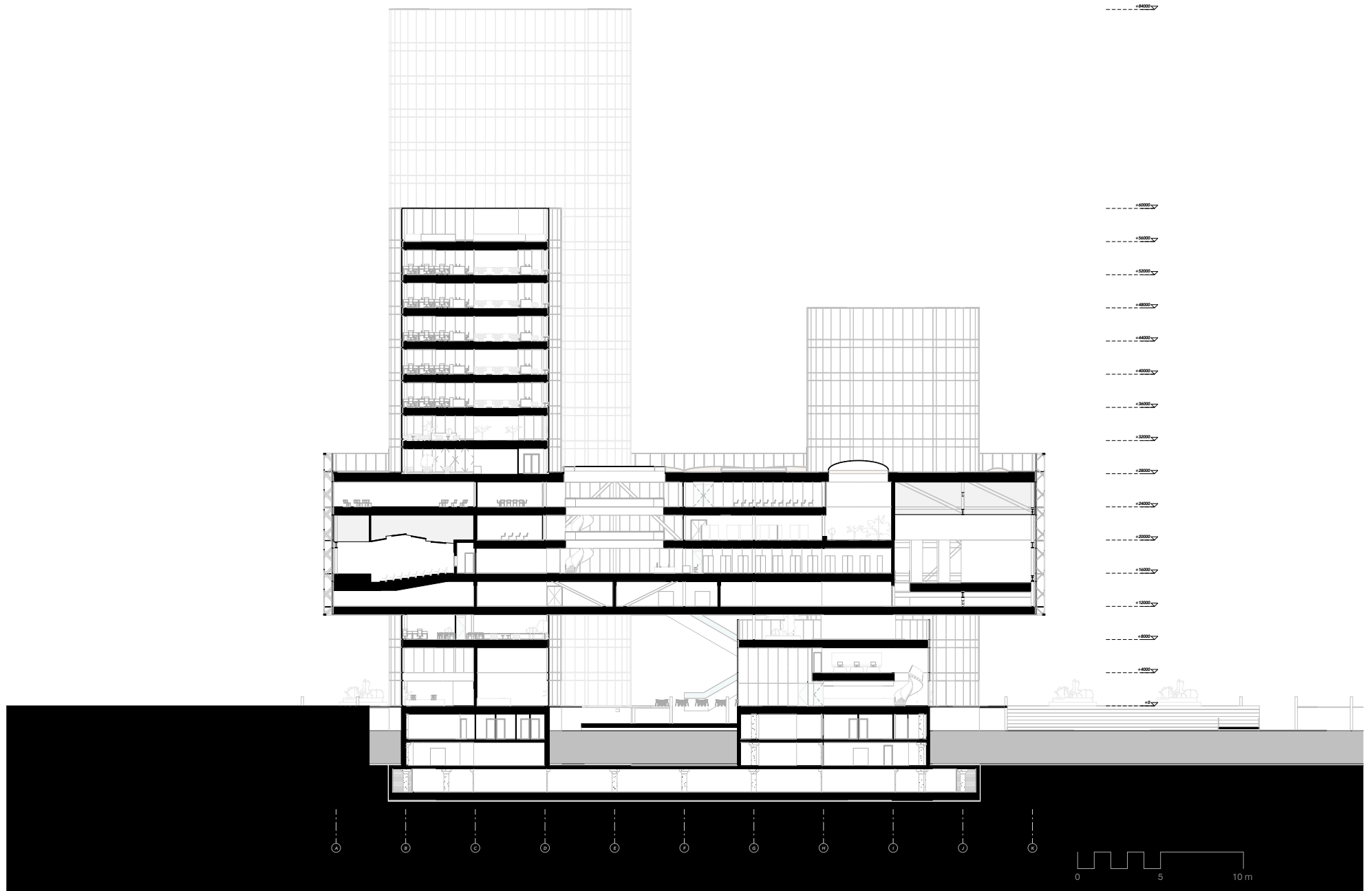
Longitudinal Sections (1:200)

SECTION E-E



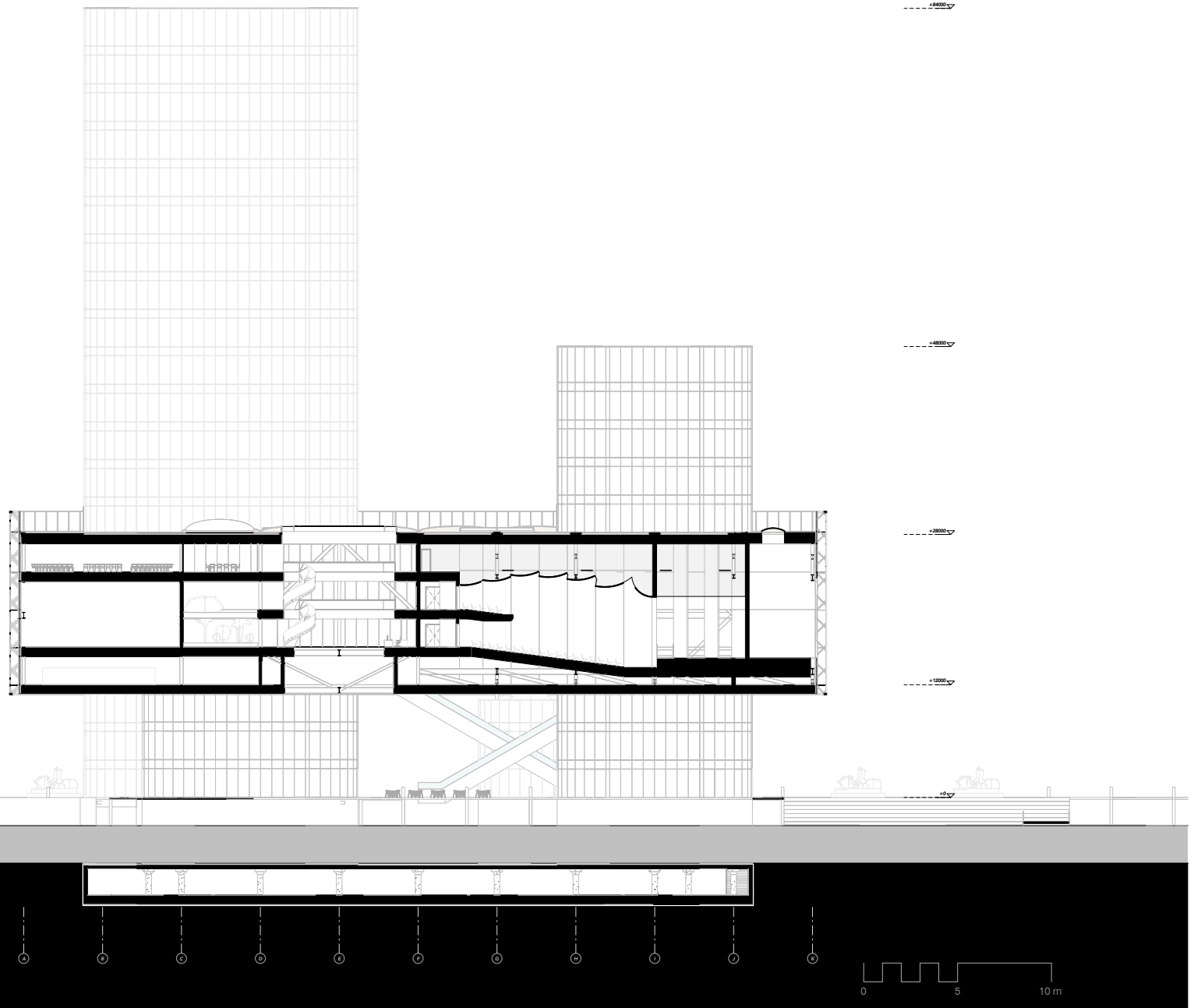
Cross-Sections (1:200)

SECTION 1-1



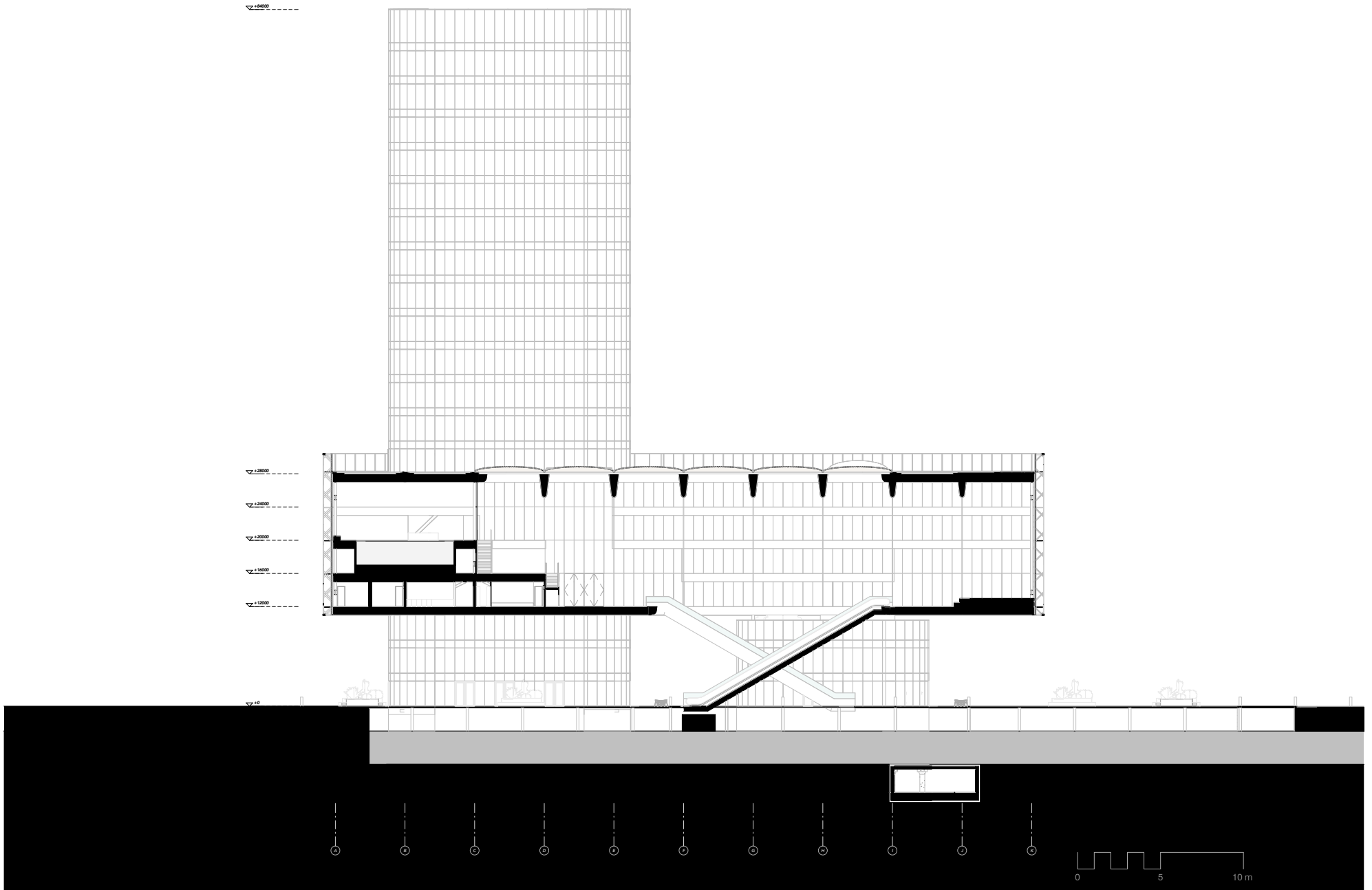
Cross-Sections (1:200)

SECTION 2-2



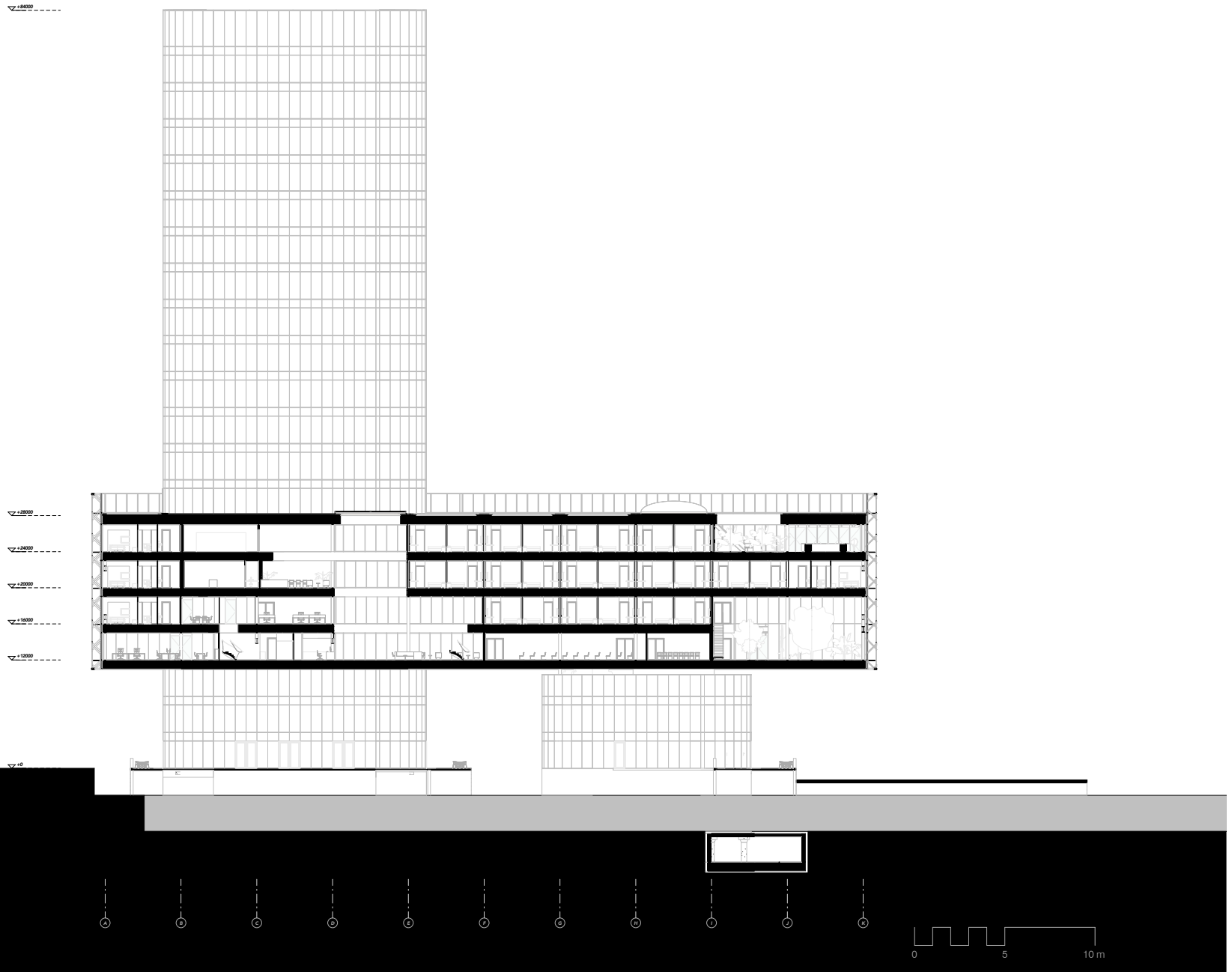
Cross-Sections (1:200)

SECTION 3-3



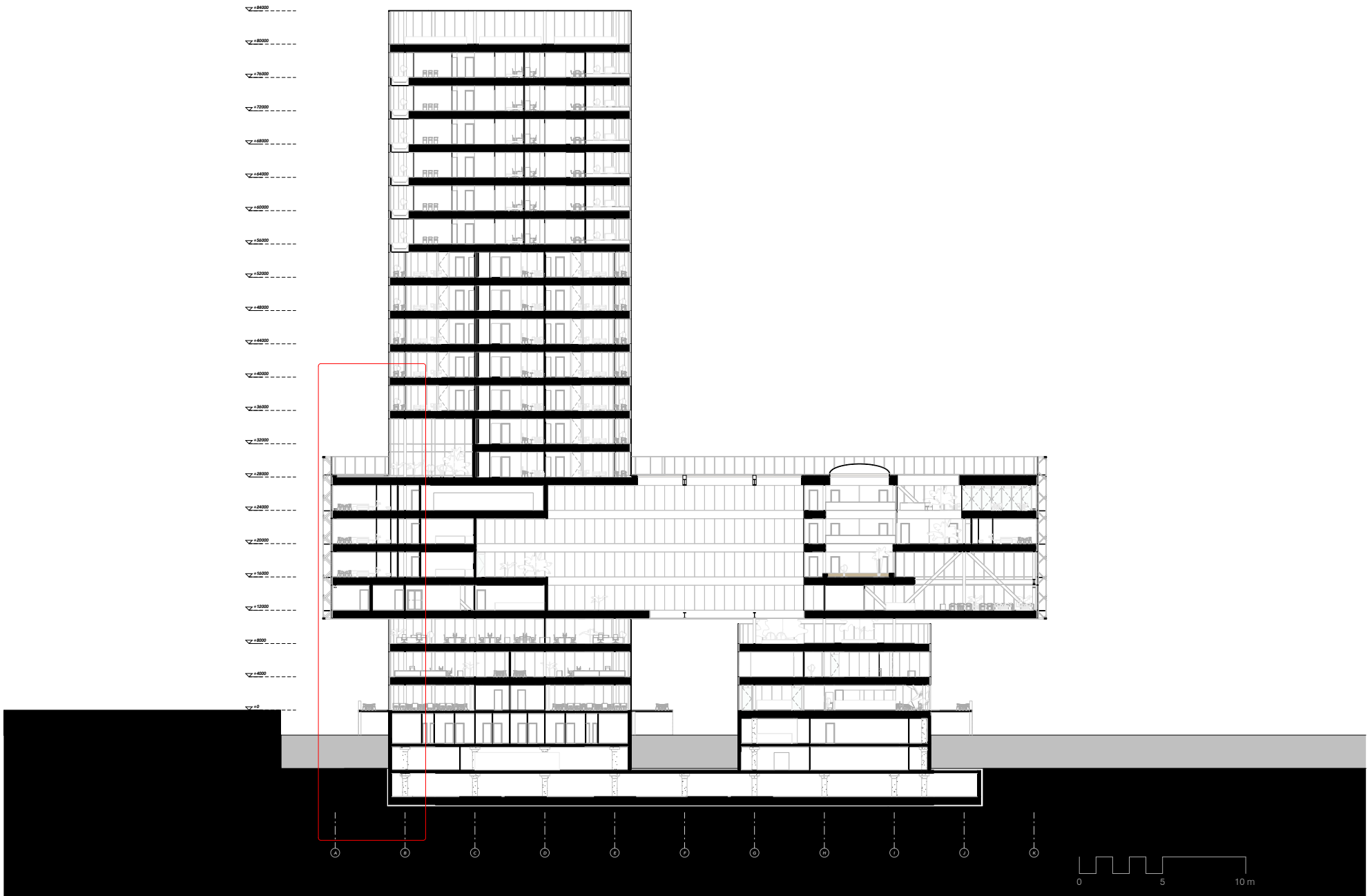
Cross-Sections (1:200)

SECTION 4-4



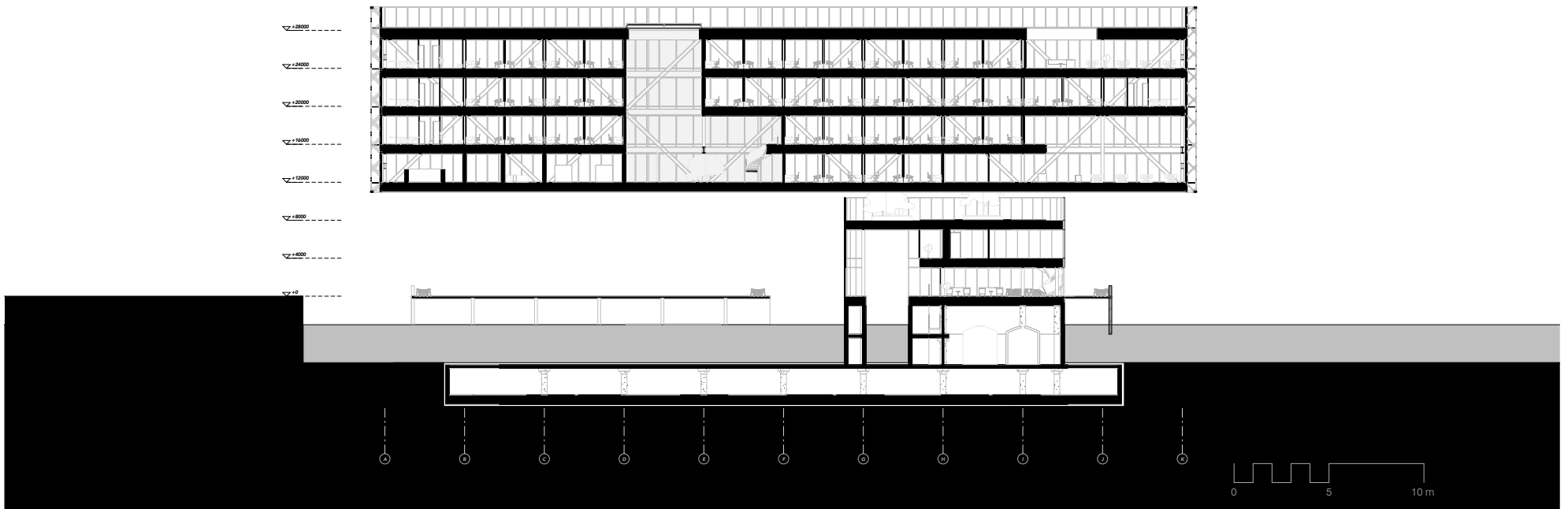
Cross-Sections (1:200)

SECTION 5-5



Cross-Sections (1:200)

SECTION 6-6



Plans

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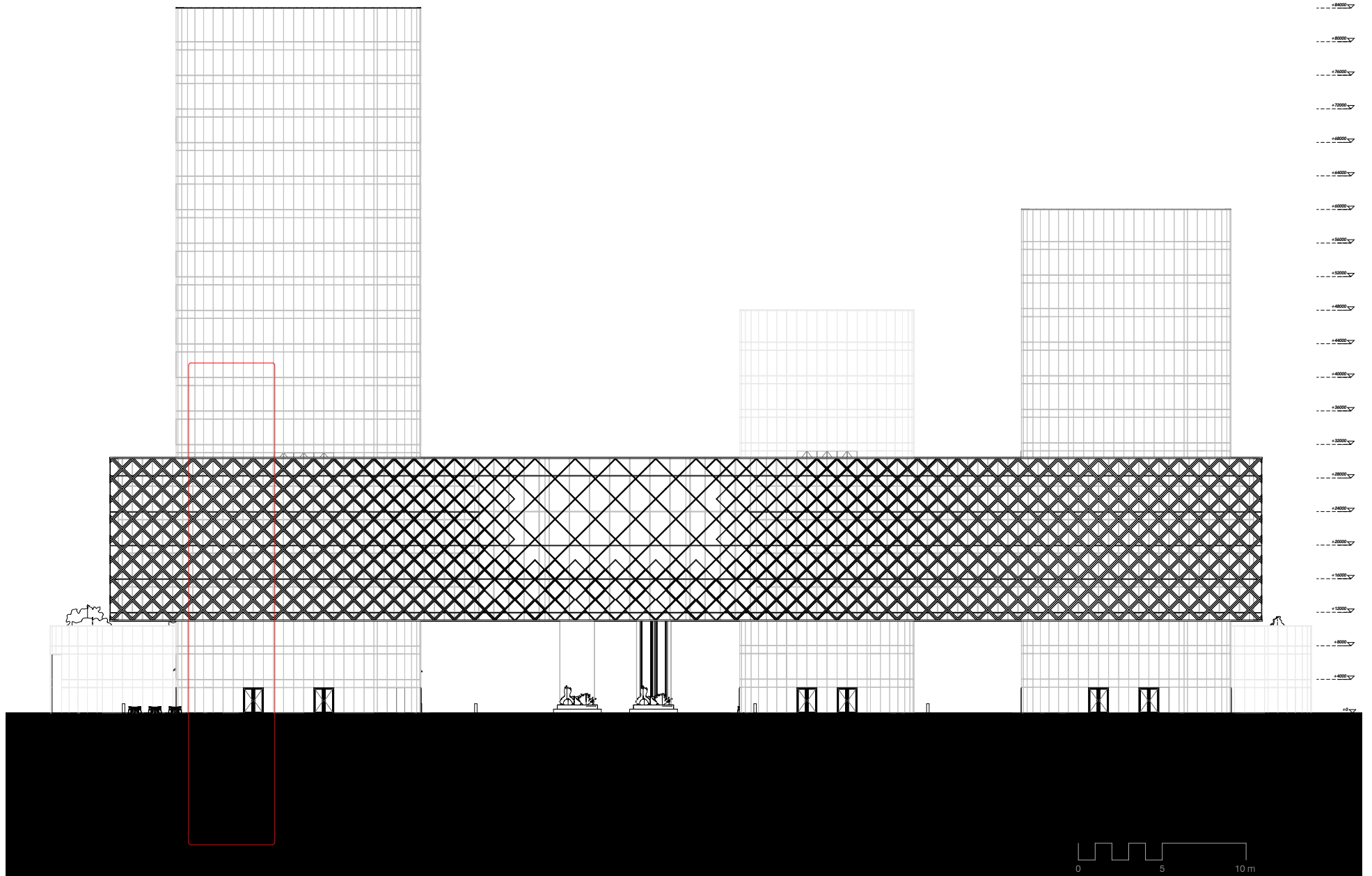
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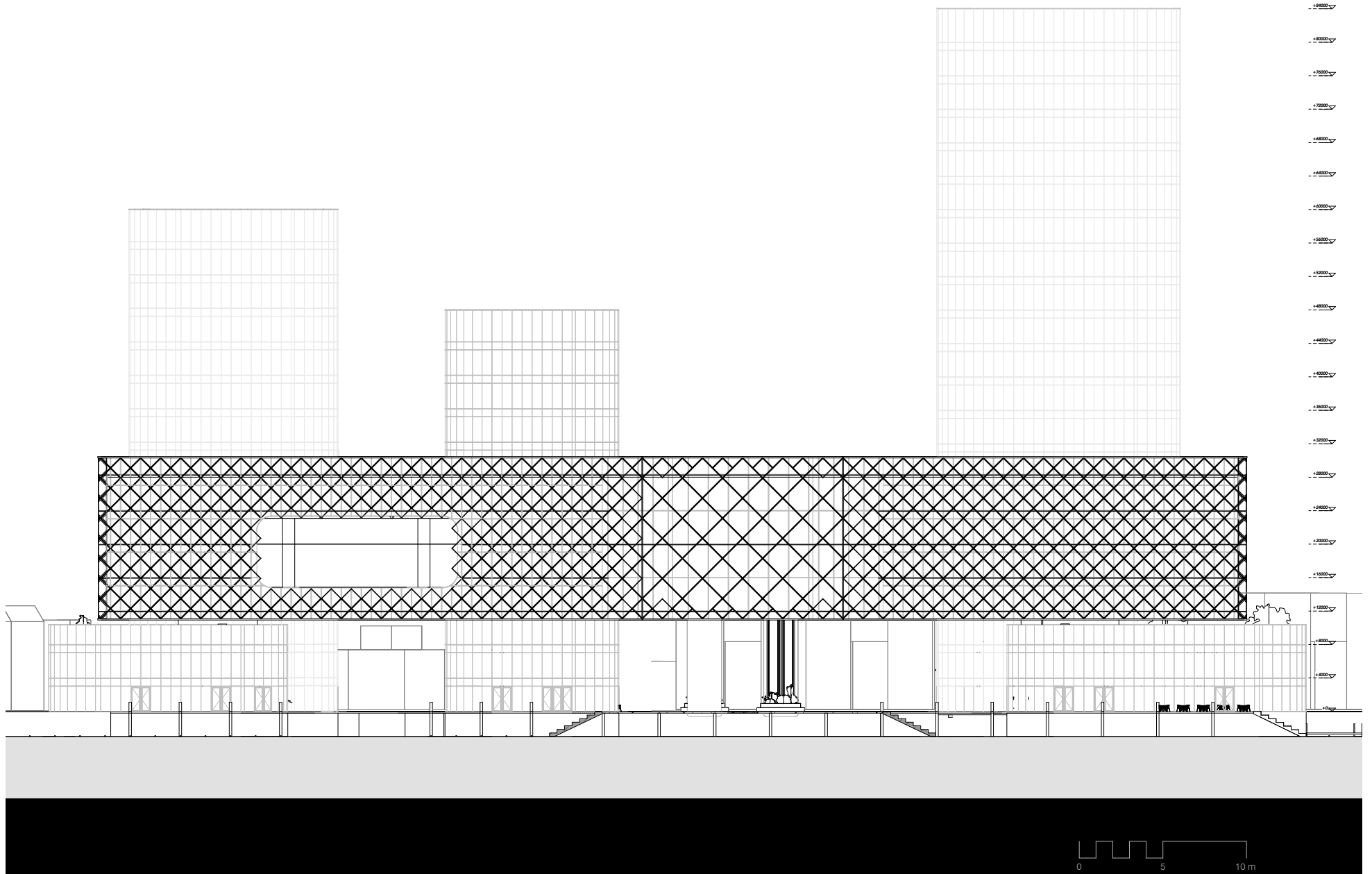
Elevations (1:200)

SOUTH ELEVATION



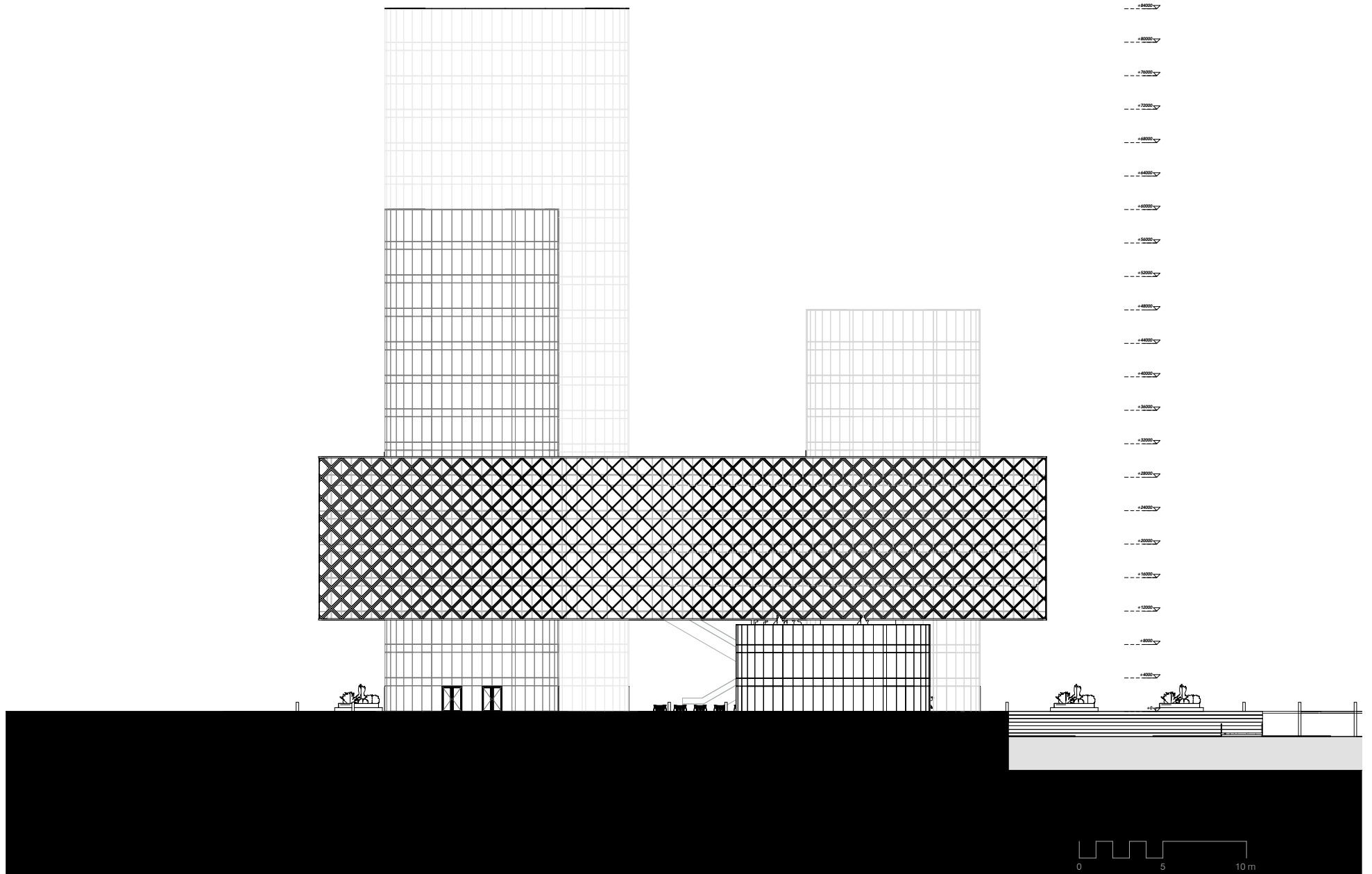
Elevations (1:200)

NORTH ELEVATION



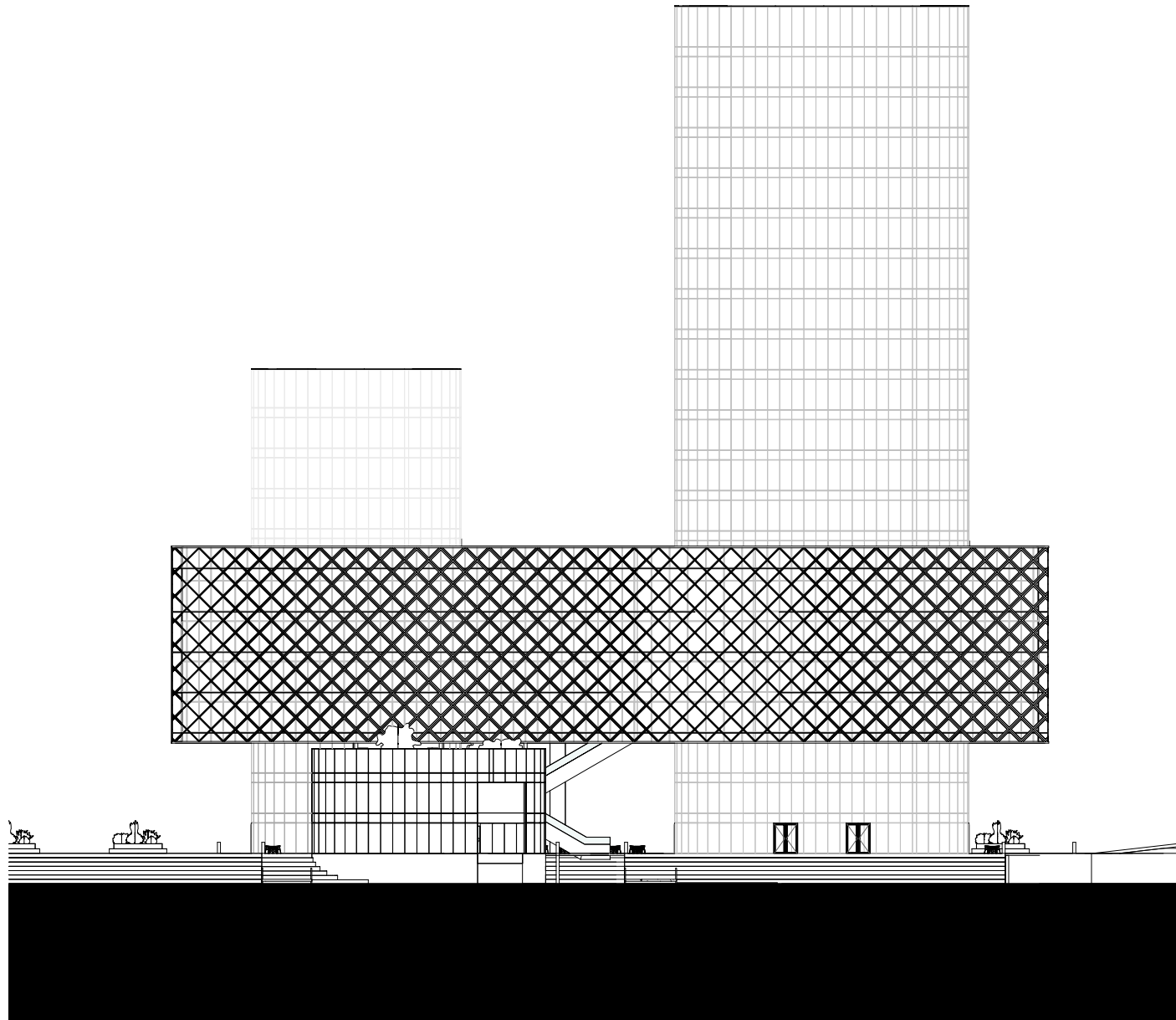
Elevations (1:200)

EAST ELEVATION



Elevations (1:200)

WEST ELEVATION



Plans

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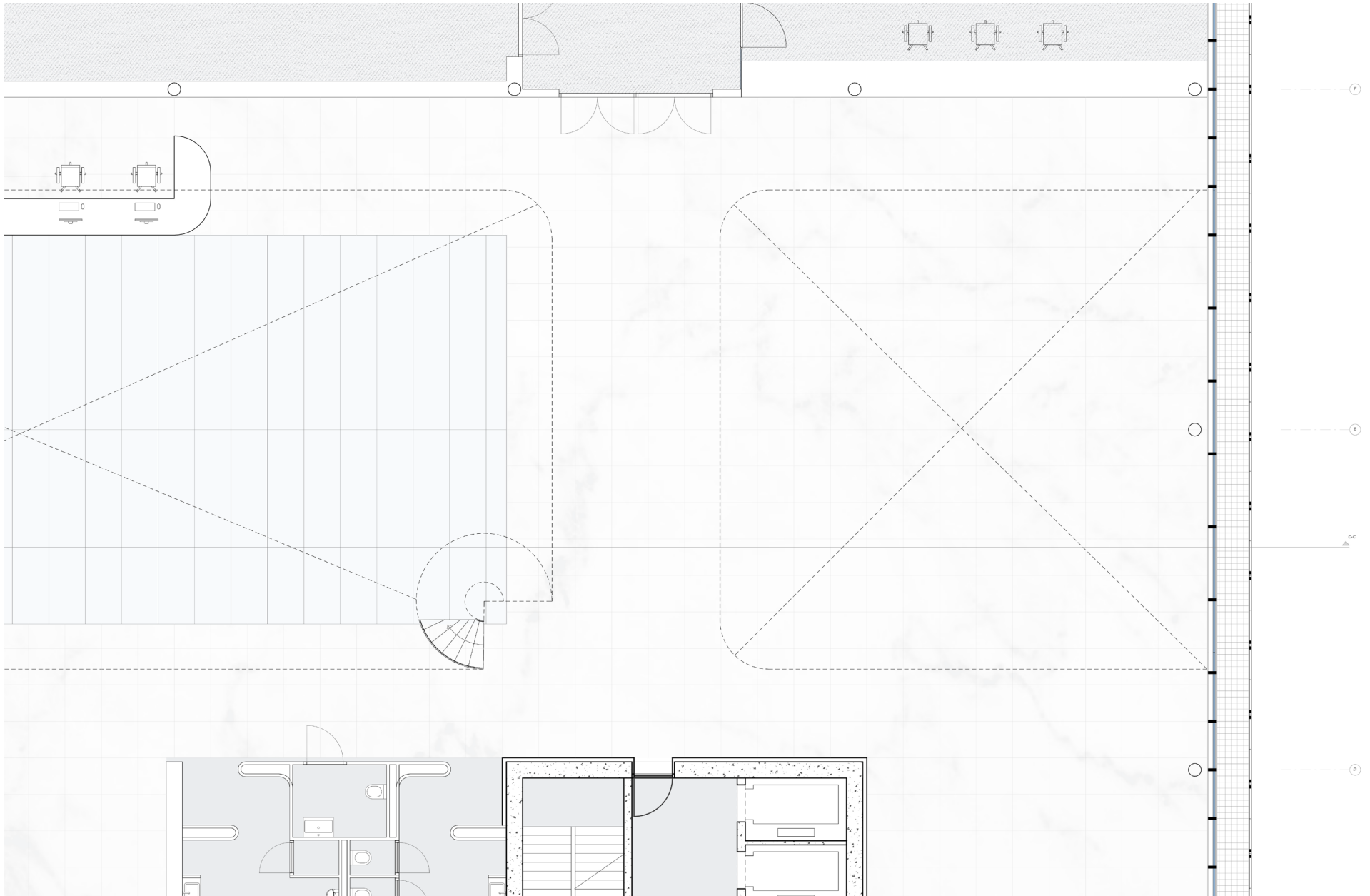
Fragments

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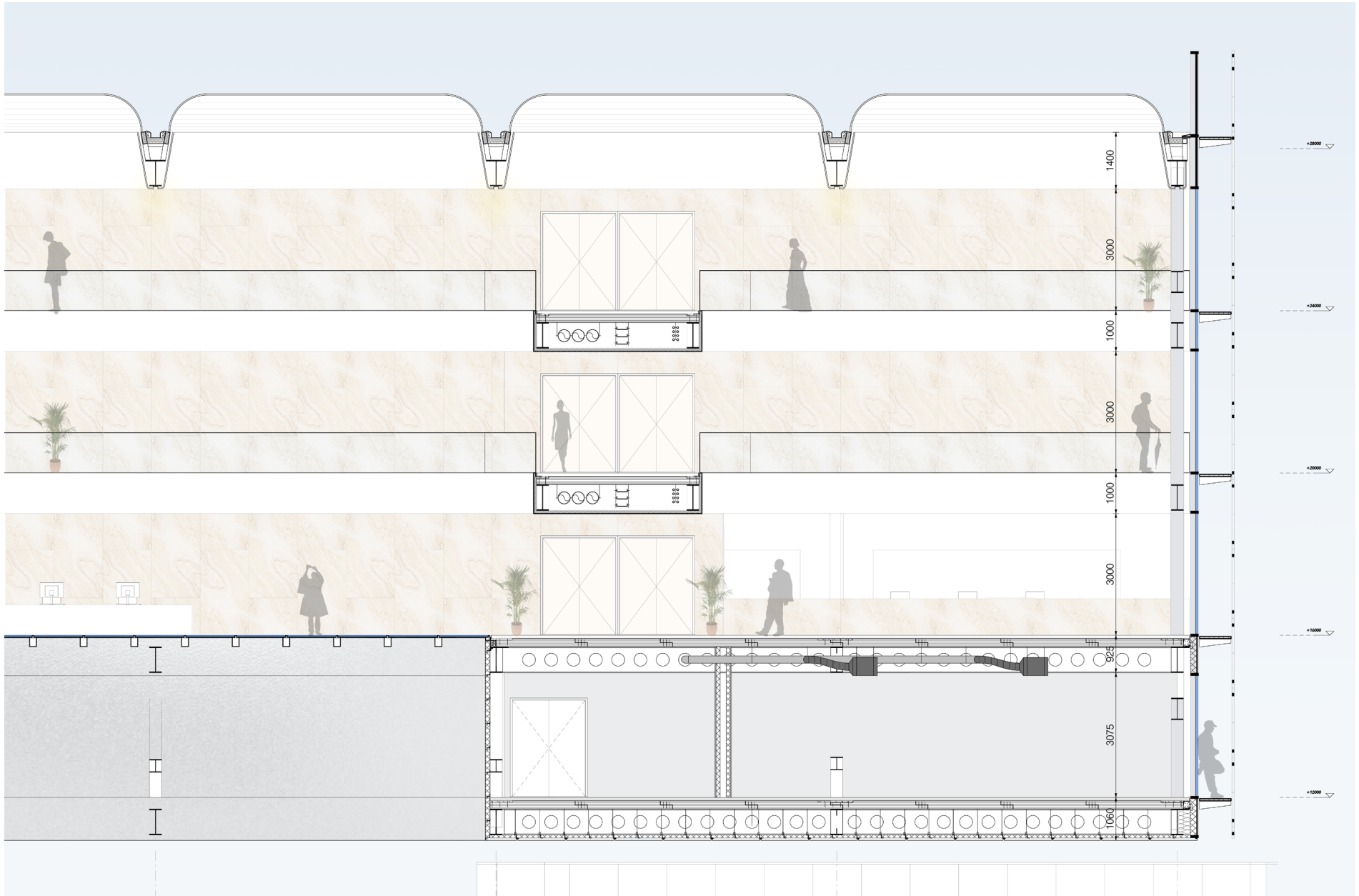


FOYER FRAGMENT PLAN



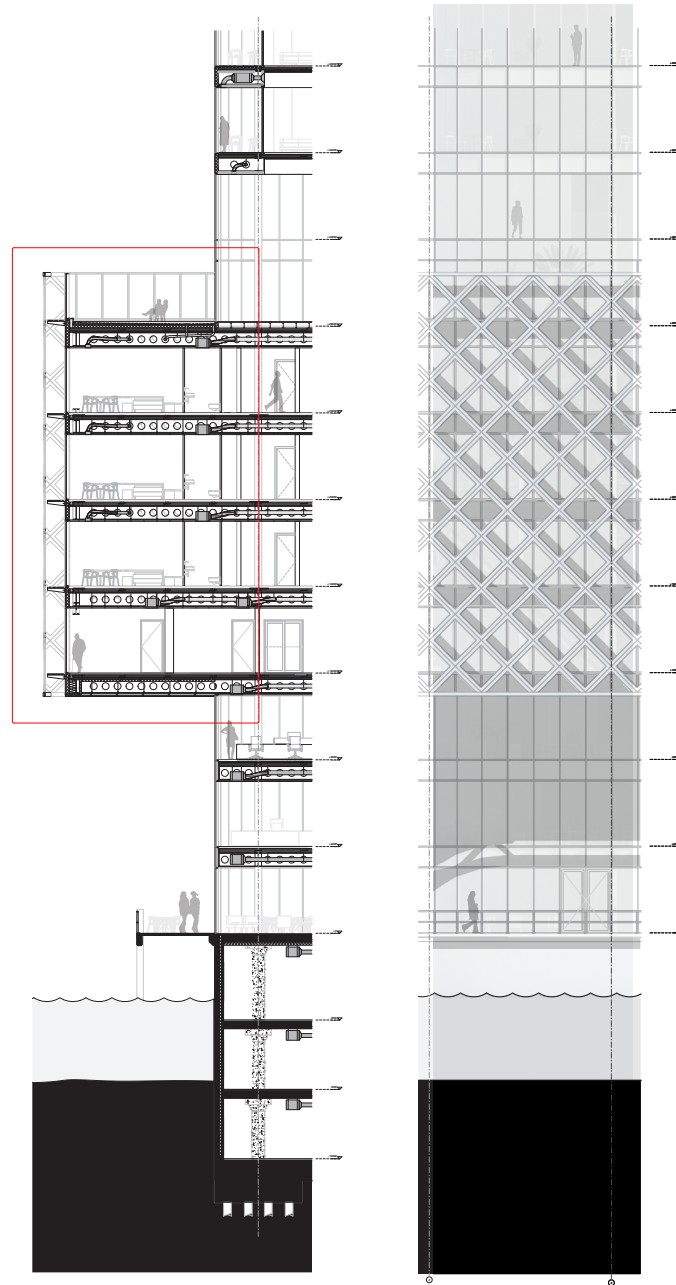
Fragments (1:50)

FOYER FRAGMENT SECTION



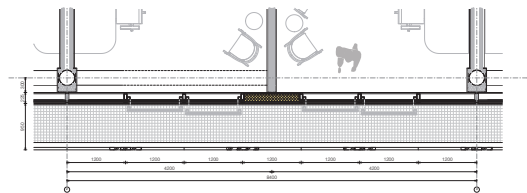
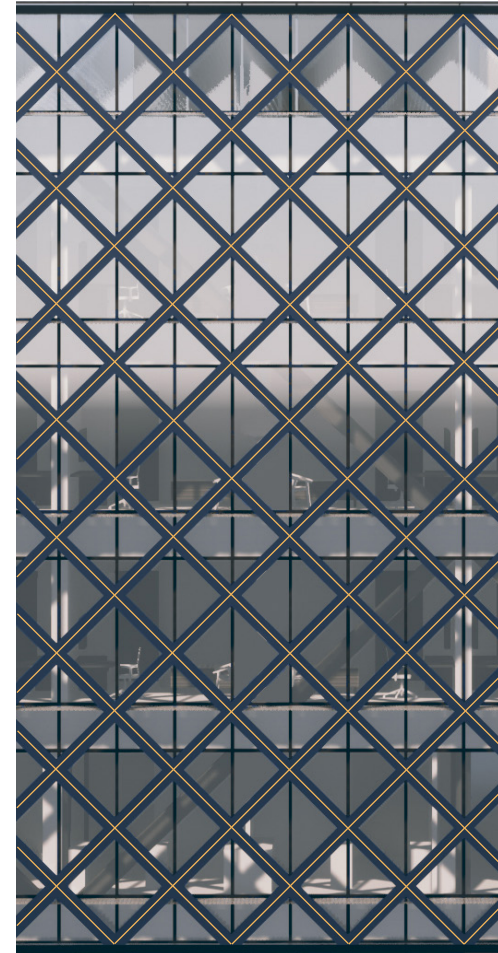
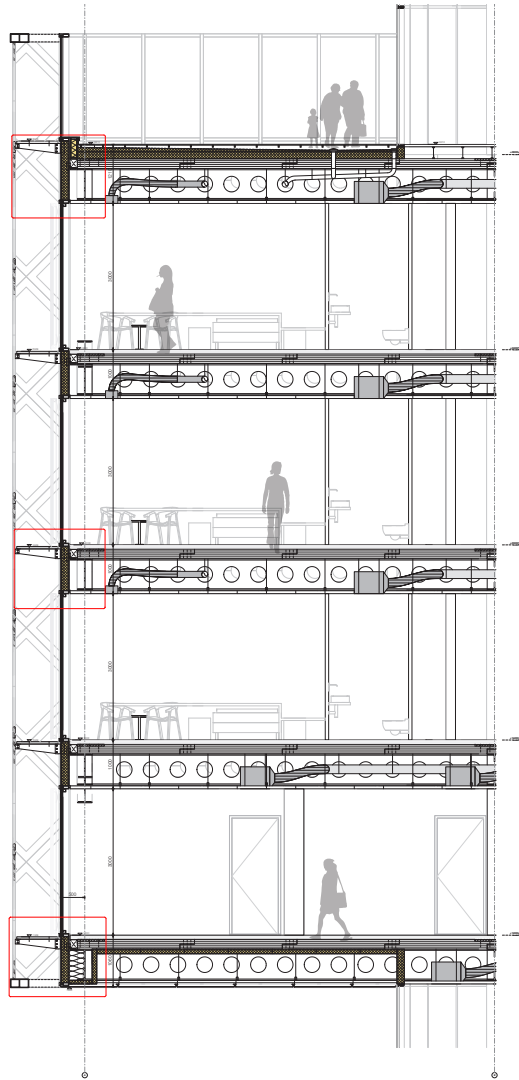
Fragments (1:50)

FACADE FRAGMENT SECTION



Fragments (1:20)

FACADE FRAGMENT



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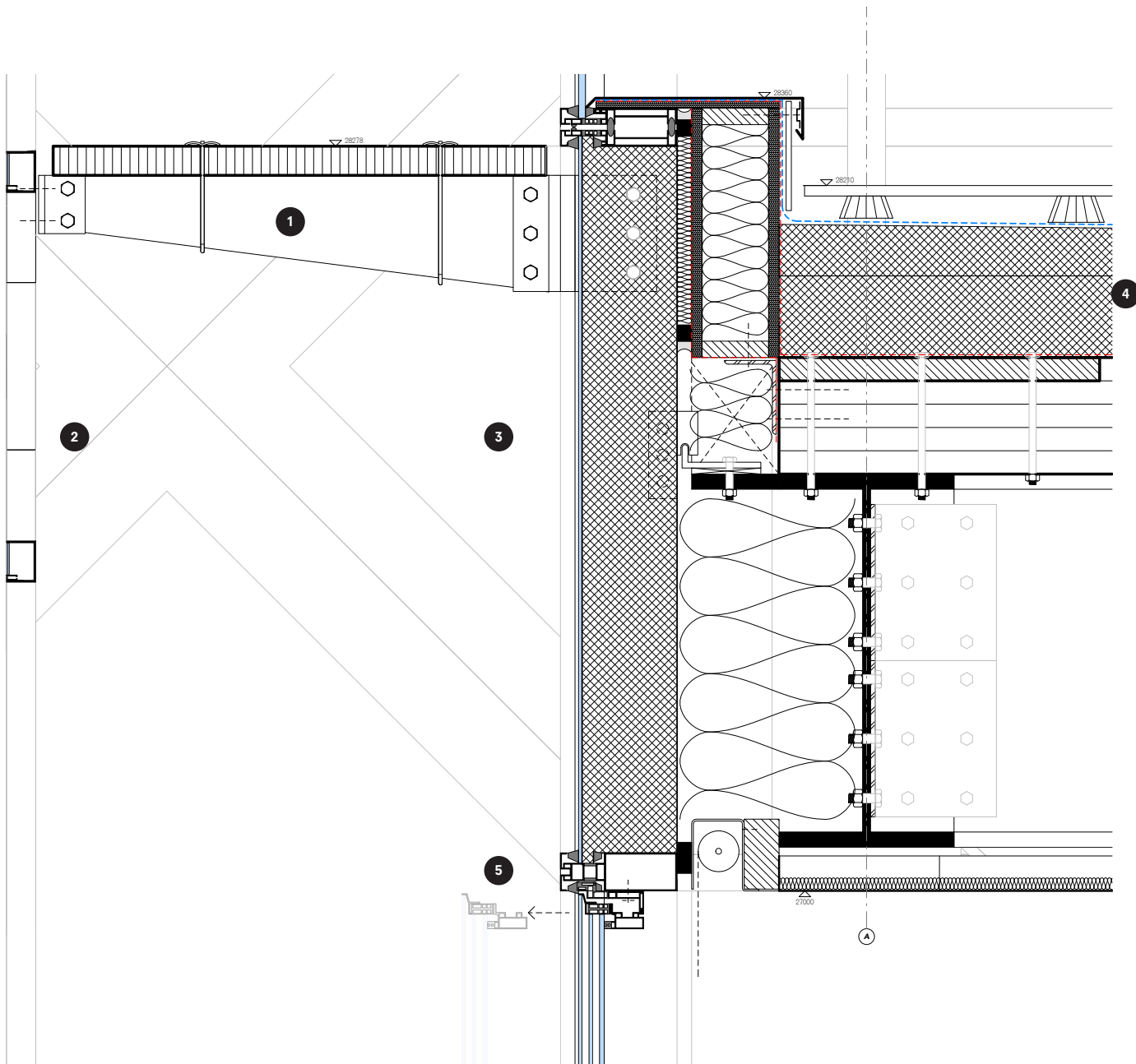
Details

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Details (1:5)

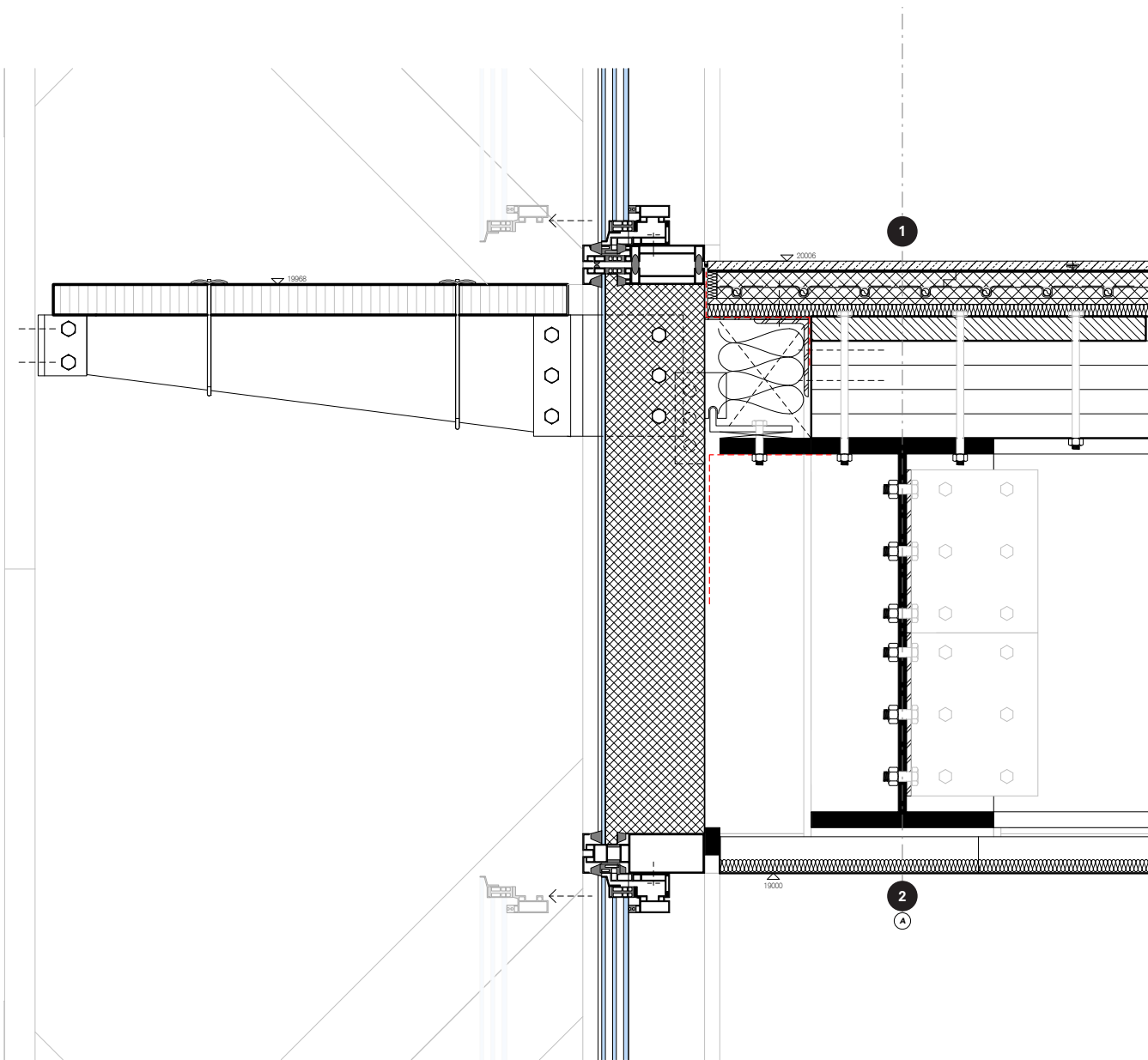
DETAIL A



- 1 Cantilever extension (12mm steel plate) attached to curtain wall with CFRP thermally broken Y connector. 25x3mm steel grate floor connected with J struts.
- 2 PV facade, 900mm from curtain wall with maintenance catwalk.
- 3 Unitized aluminum curtain wall, 67x200mm framing with laminated triple glazing (4*4-12Kr-6-12Kr-4)
- 4 Roof buildup: timber decking on plastic feet, 2mm EPDM roofing, 140+60mm sloped FM approved PIR insulation, vapor barrier, CLT200 floor plates
- 5 Parallel opening window with structurally glazed insert

Details (1:5)

DETAIL B

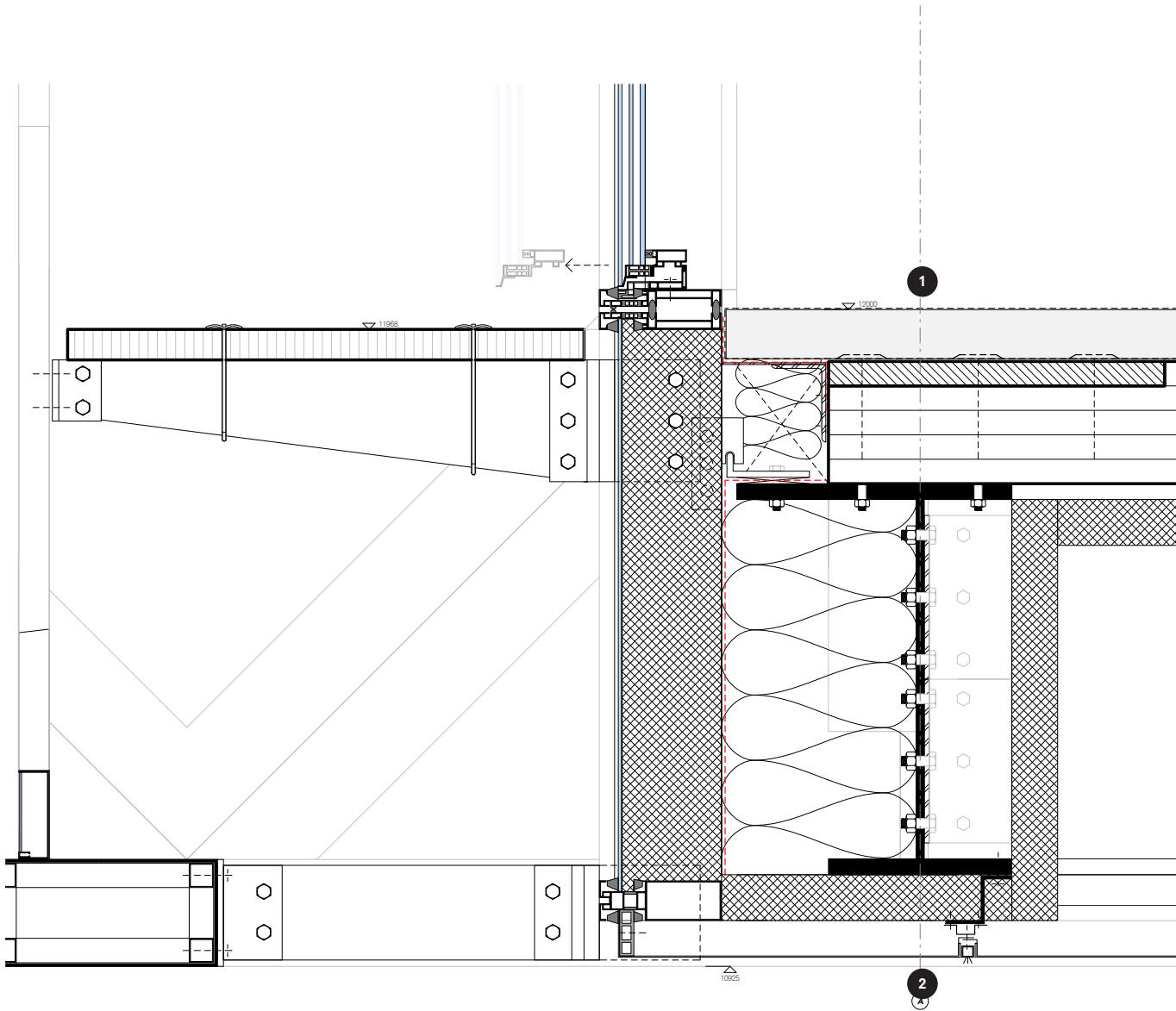


1 Dry floor buildup: 18mm clicking natural stone tiles (900x900mm), double layer gypsum fiber board (25mm), 18mm pre-cut gypsum fiber board with floor heating with aluminum fins, 10mm gypsum fiber board, 20mm hard-press rockwool, CLT200 floor slab with hardwood connector plates

2 Acoustic climate ceiling

Details (1:5)

DETAIL C



1 Wet floor buildup: 50mm cement screed, watertight lining, CLT200 floor slab

2 Floating plinth ceiling: 70mm PIR insulation attached to Z profiles suspended from CLT floor, omega mounting profiles (100x20mm) and L mounting profiles (40x40mm), mirror reflective ceiling panels (1200x1200mm) (3mm thick sandwich with mirror coating)

THANK YOU



complex projects