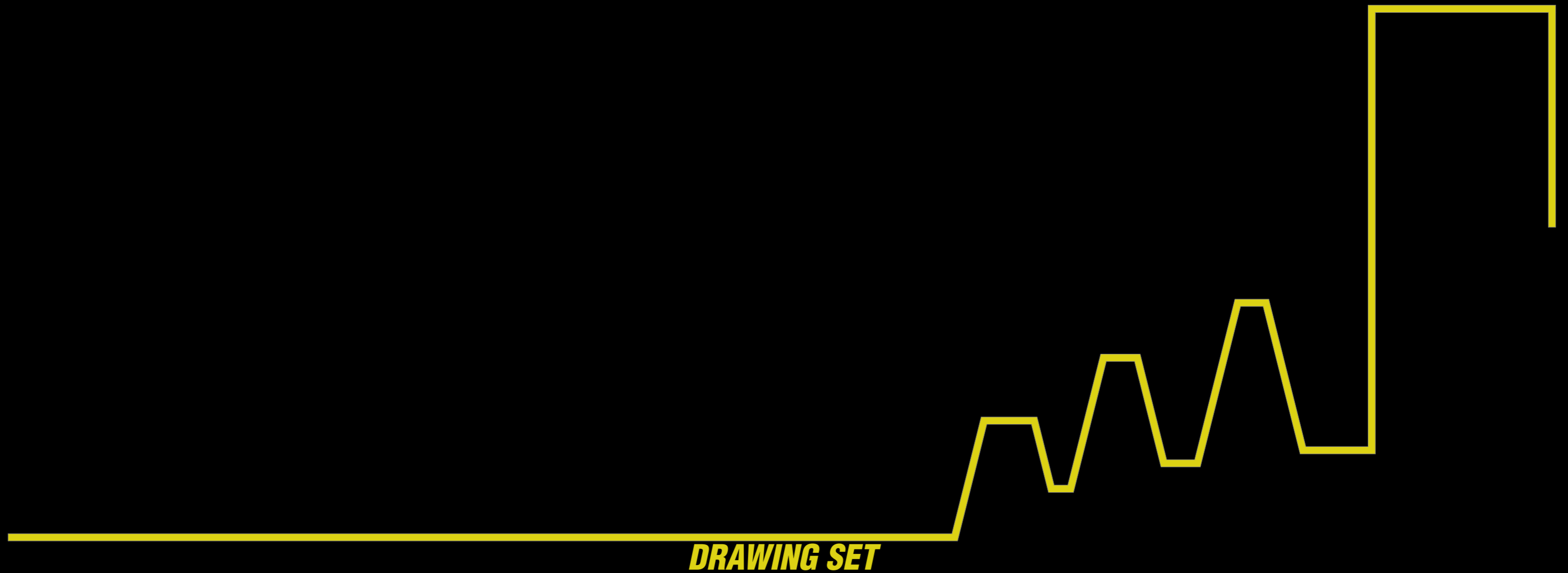
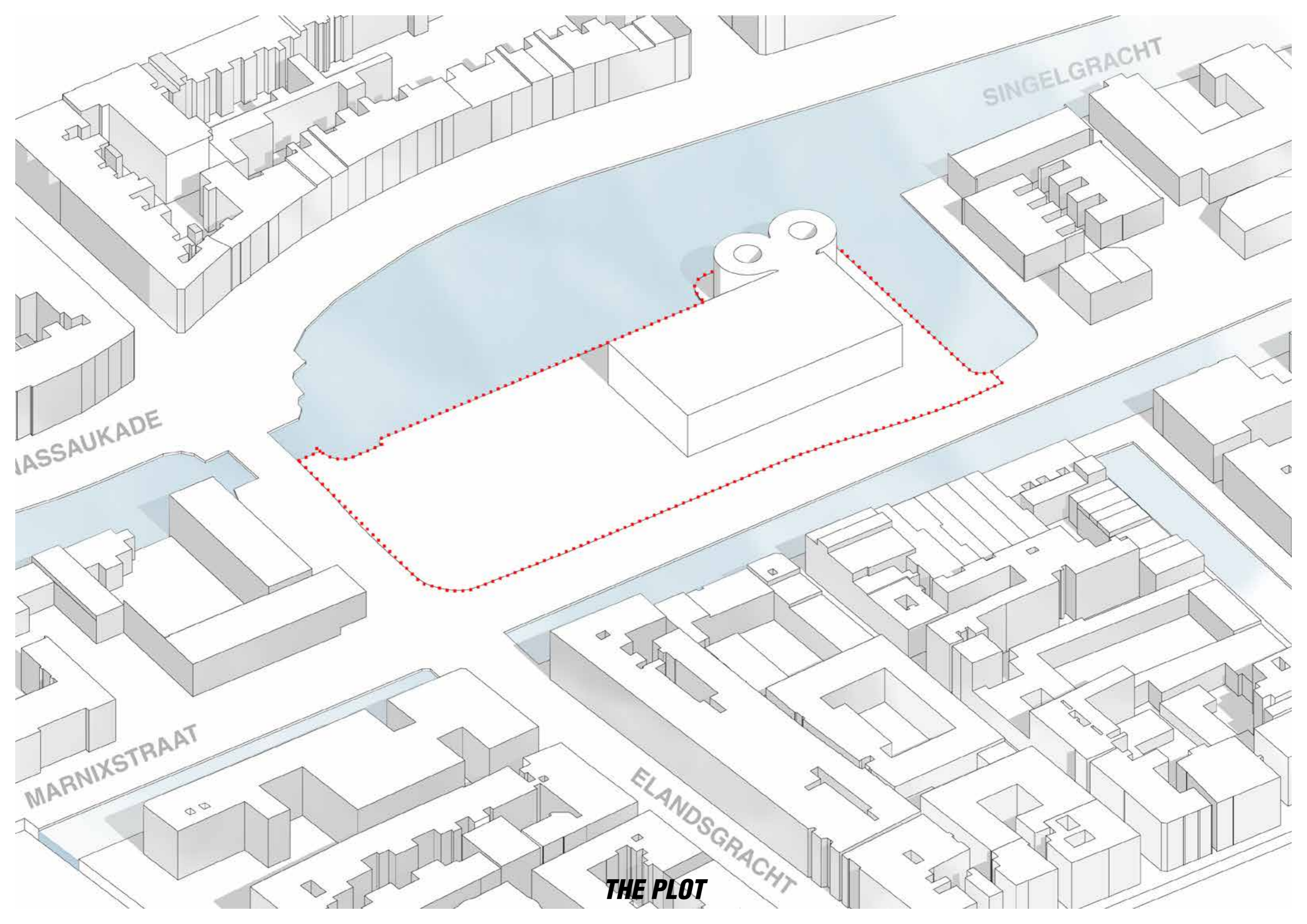


# ***GOOGLE EUROPE CAMPUS***

***A WORKING-LIVING INNOVATION DISTRICT***





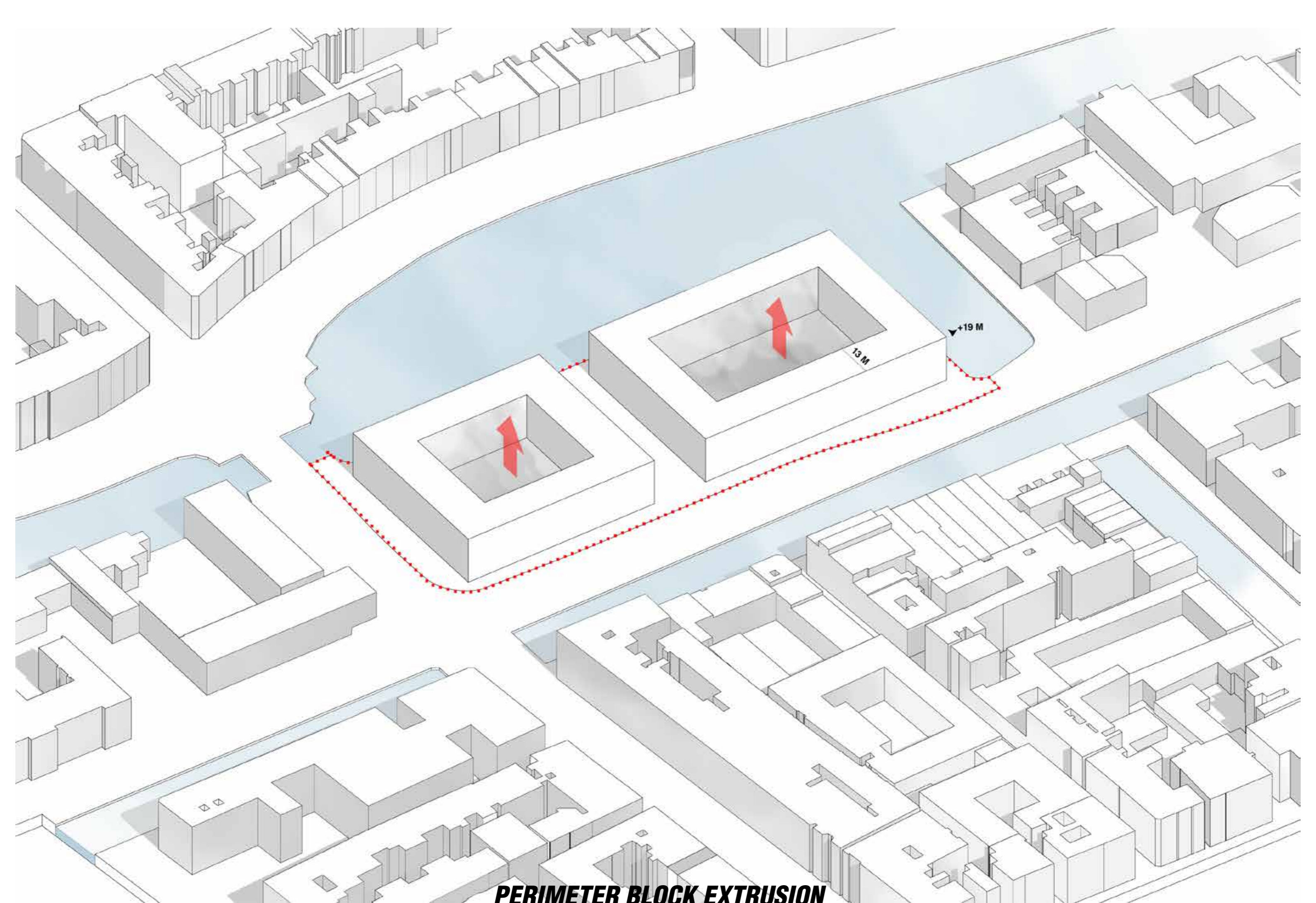
SINGELGRACHT

MASSAUKADE

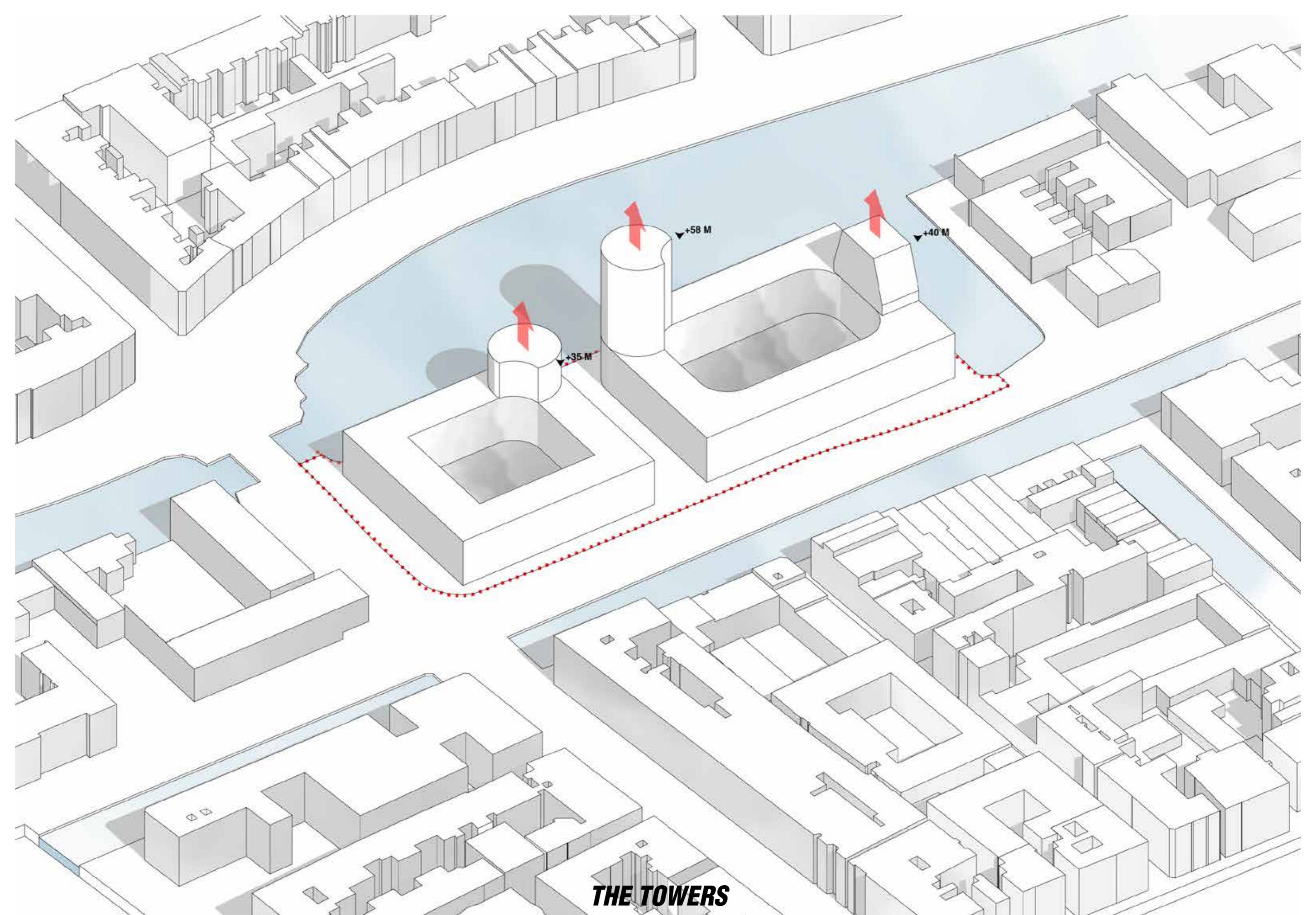
MARNIXSTRAAT

ELANDSGRACHT

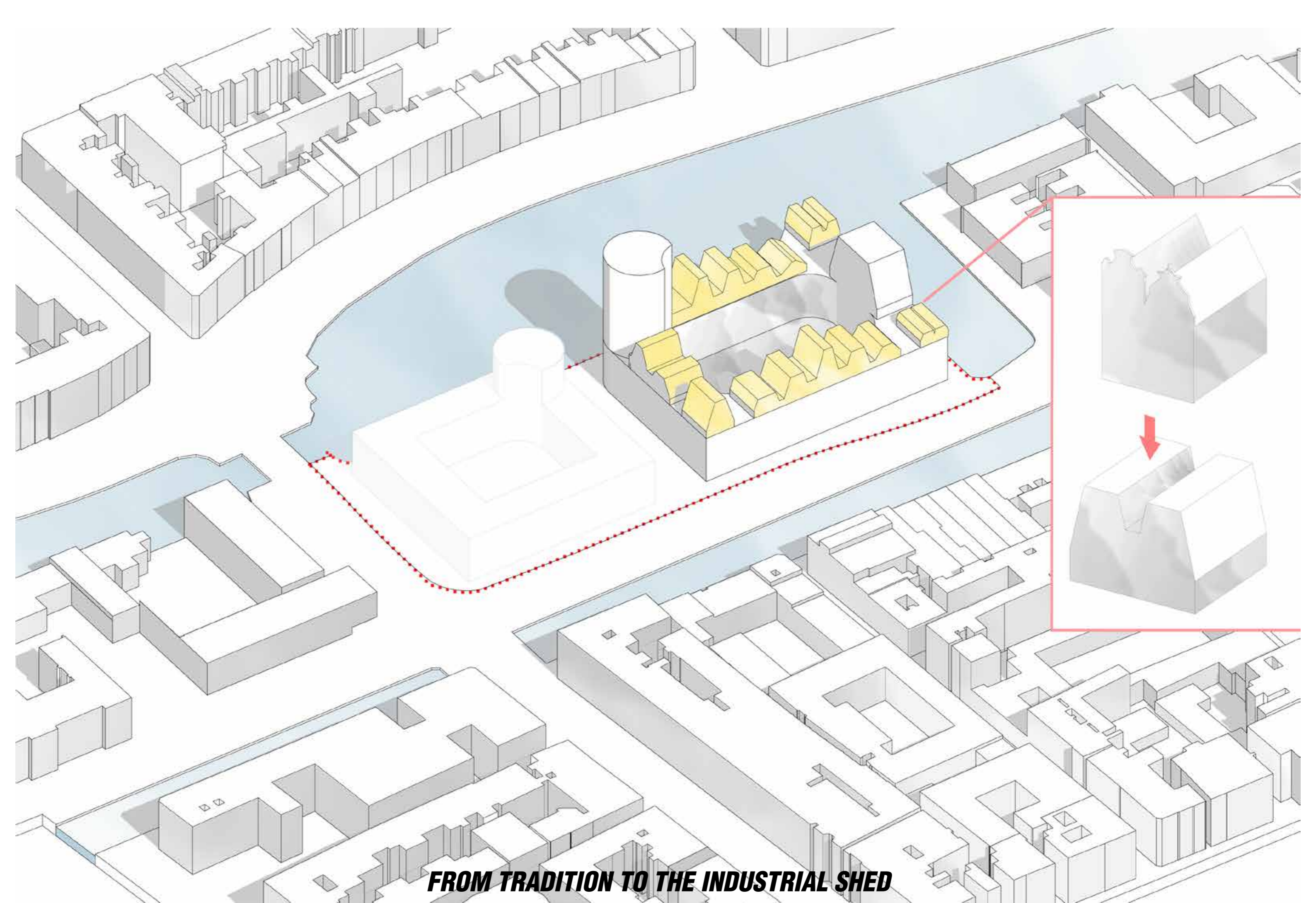
**THE PLOT**



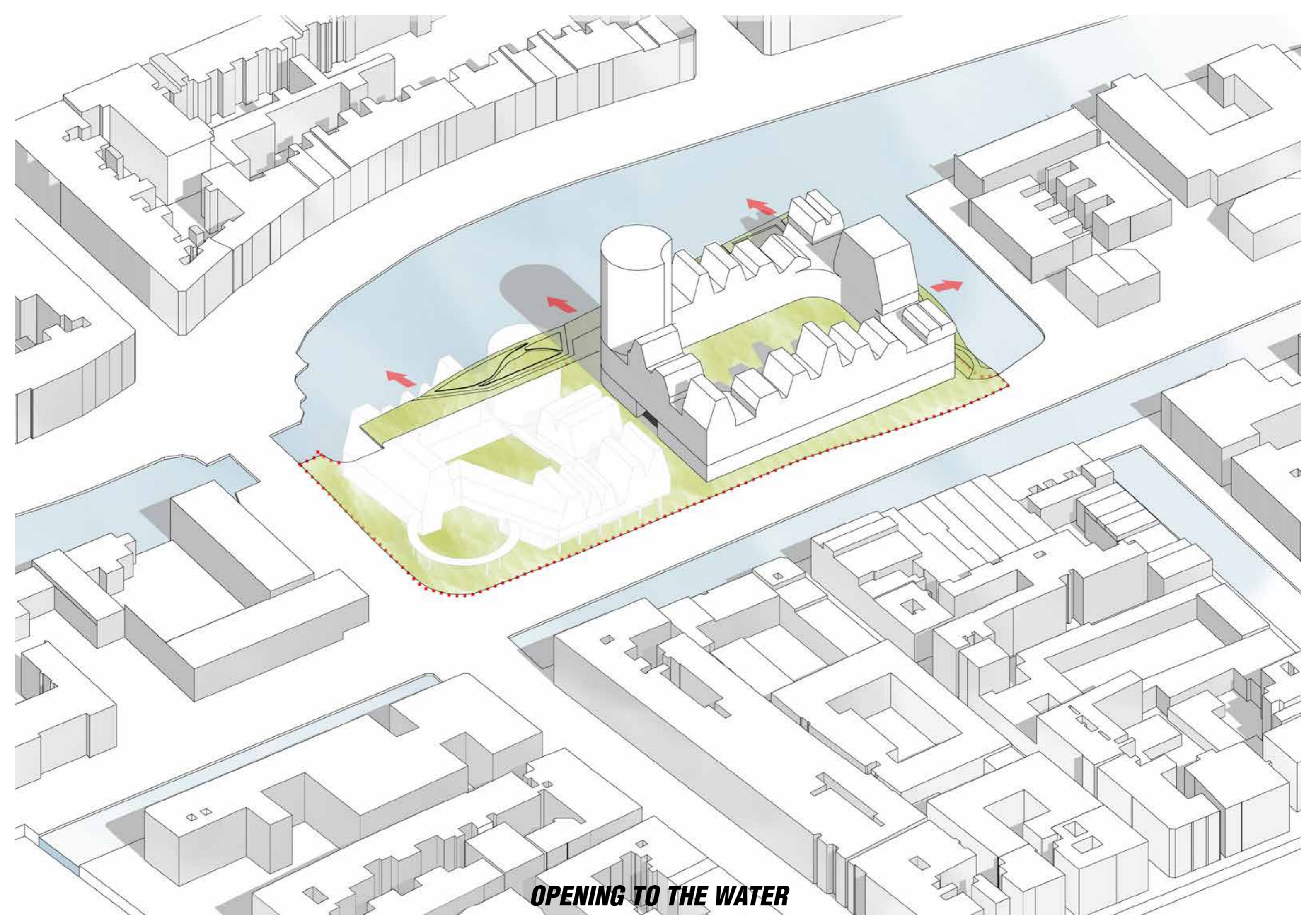
**PERIMETER BLOCK EXTRUSION**



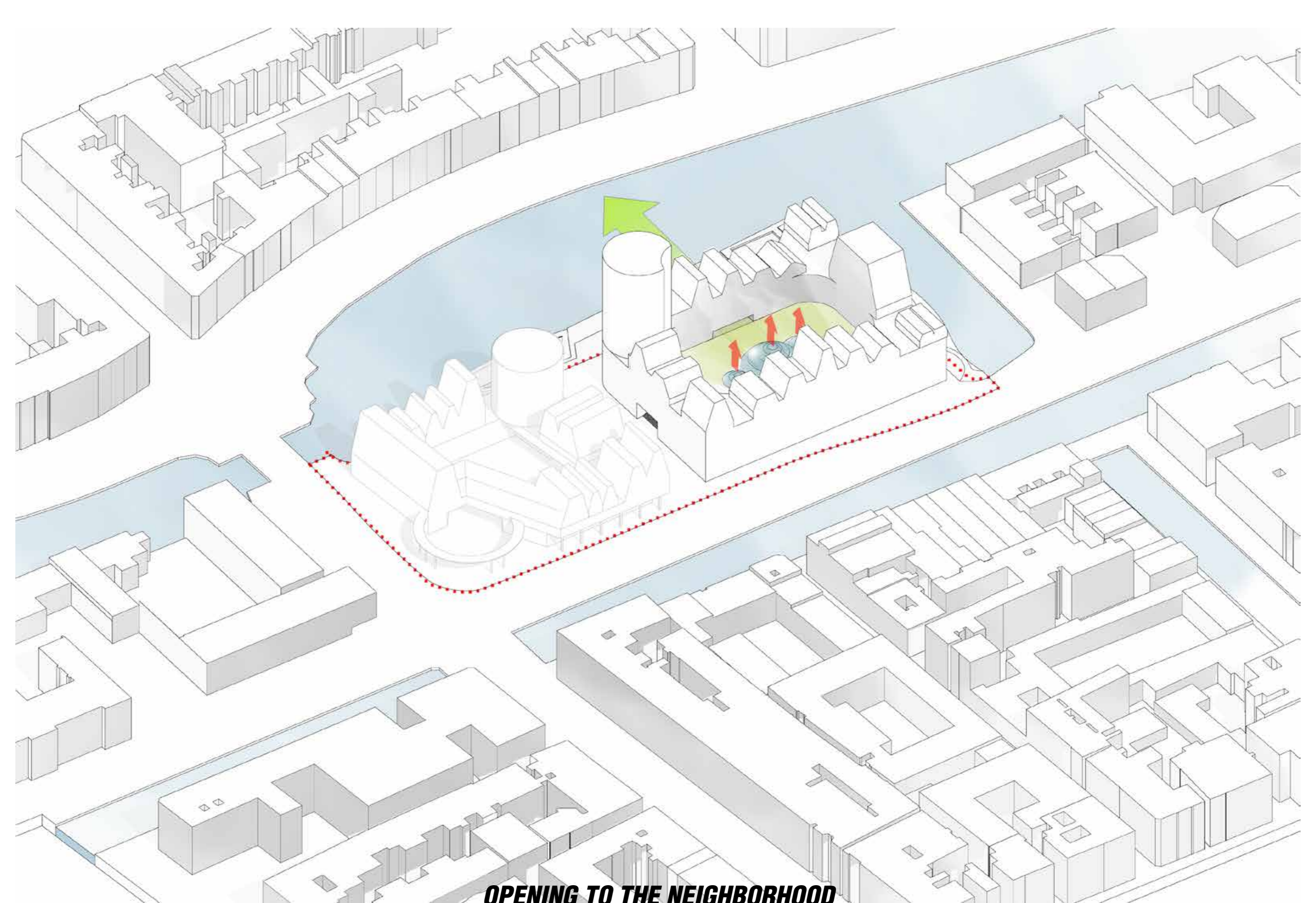
**THE TOWERS**



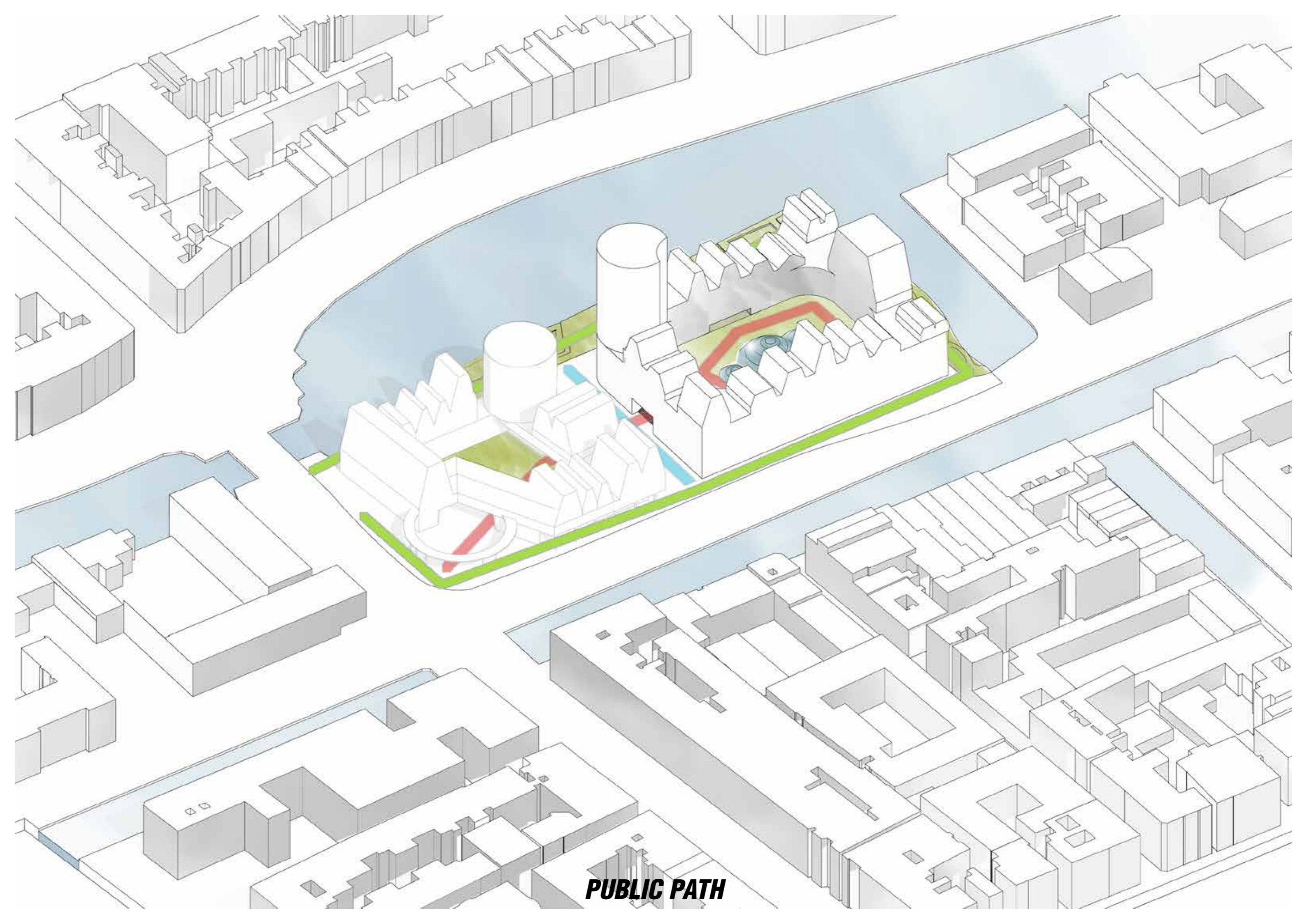
***FROM TRADITION TO THE INDUSTRIAL SHED***



***OPENING TO THE WATER***

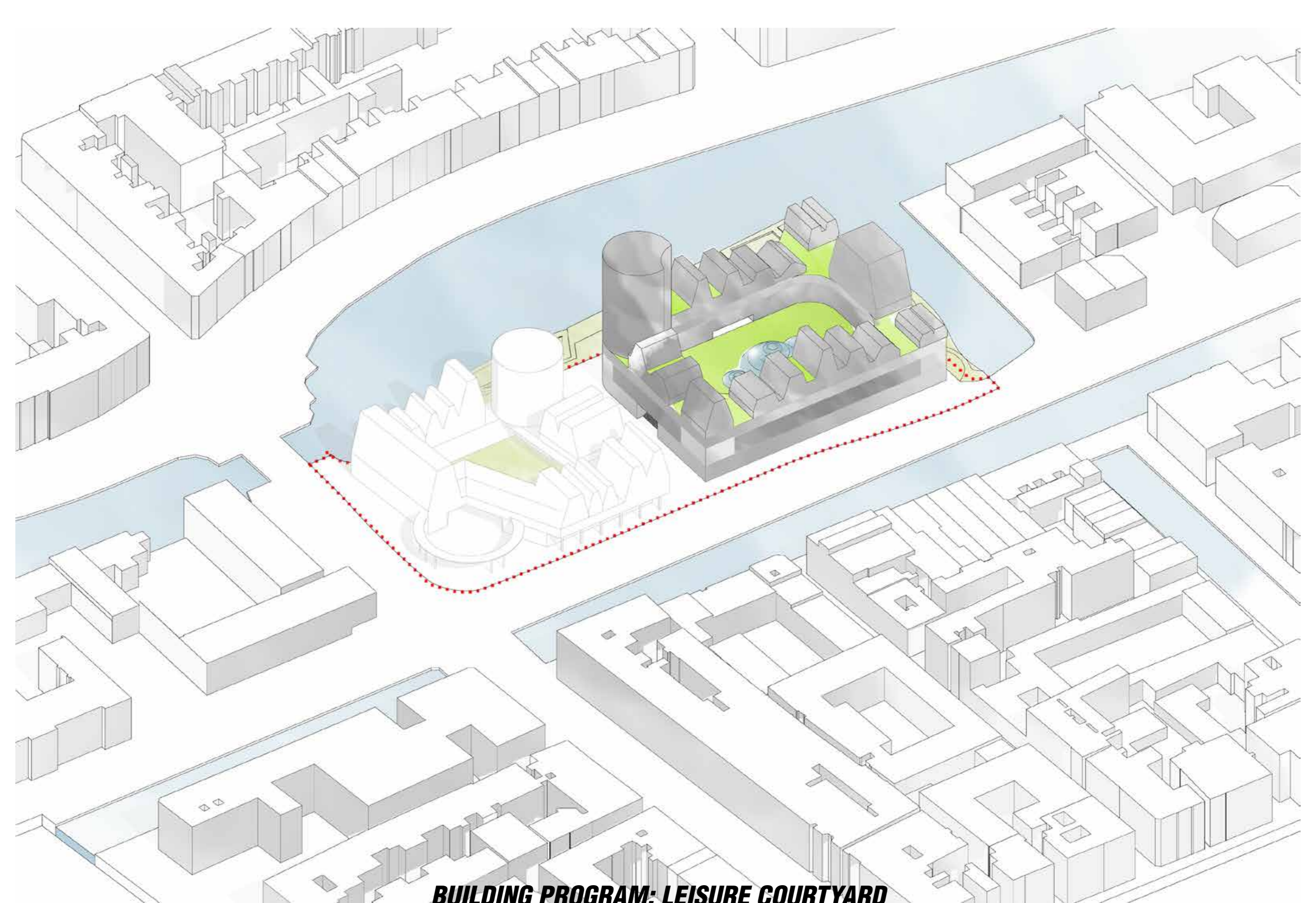


***OPENING TO THE NEIGHBORHOOD***

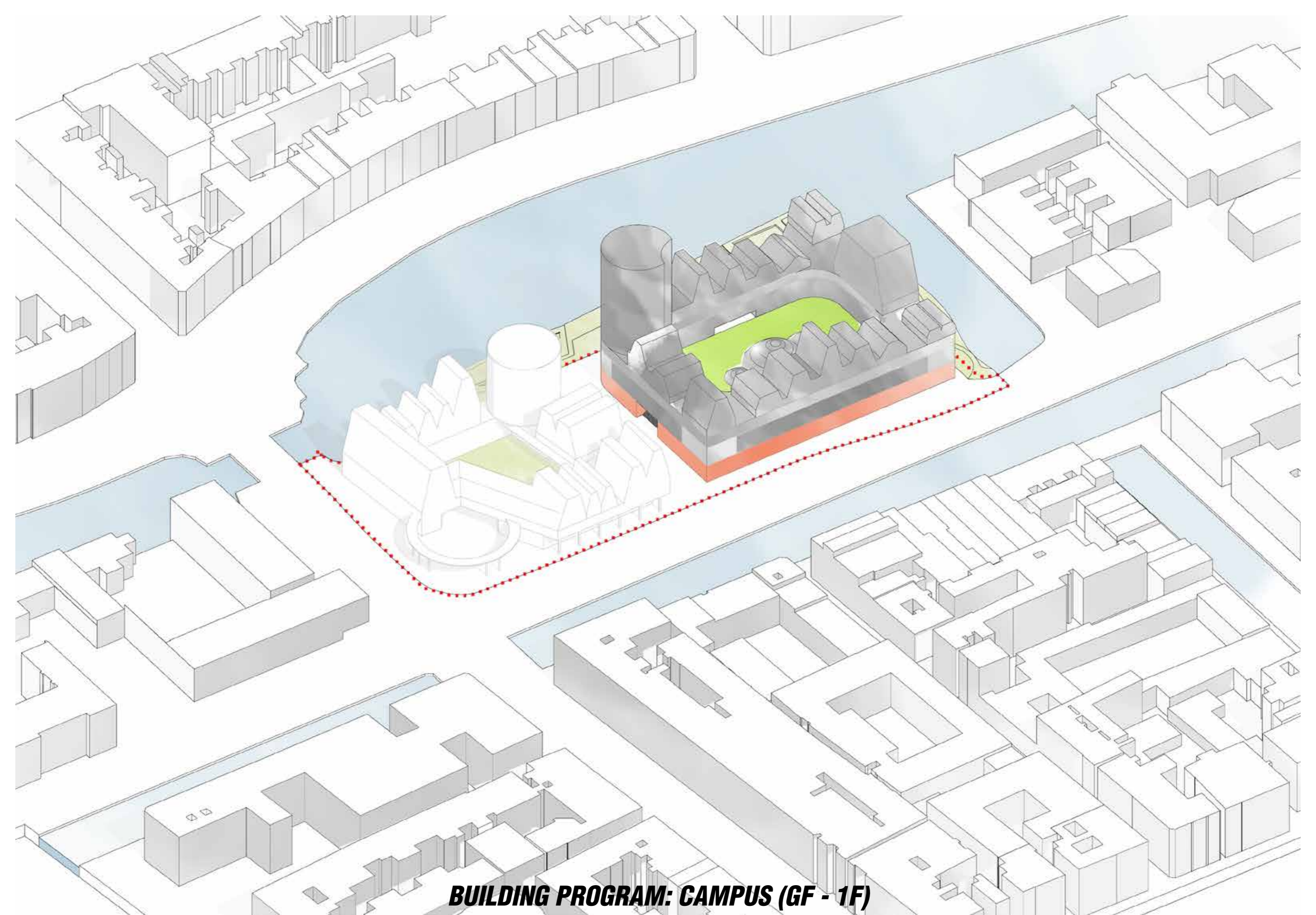


***PUBLIC PATH***

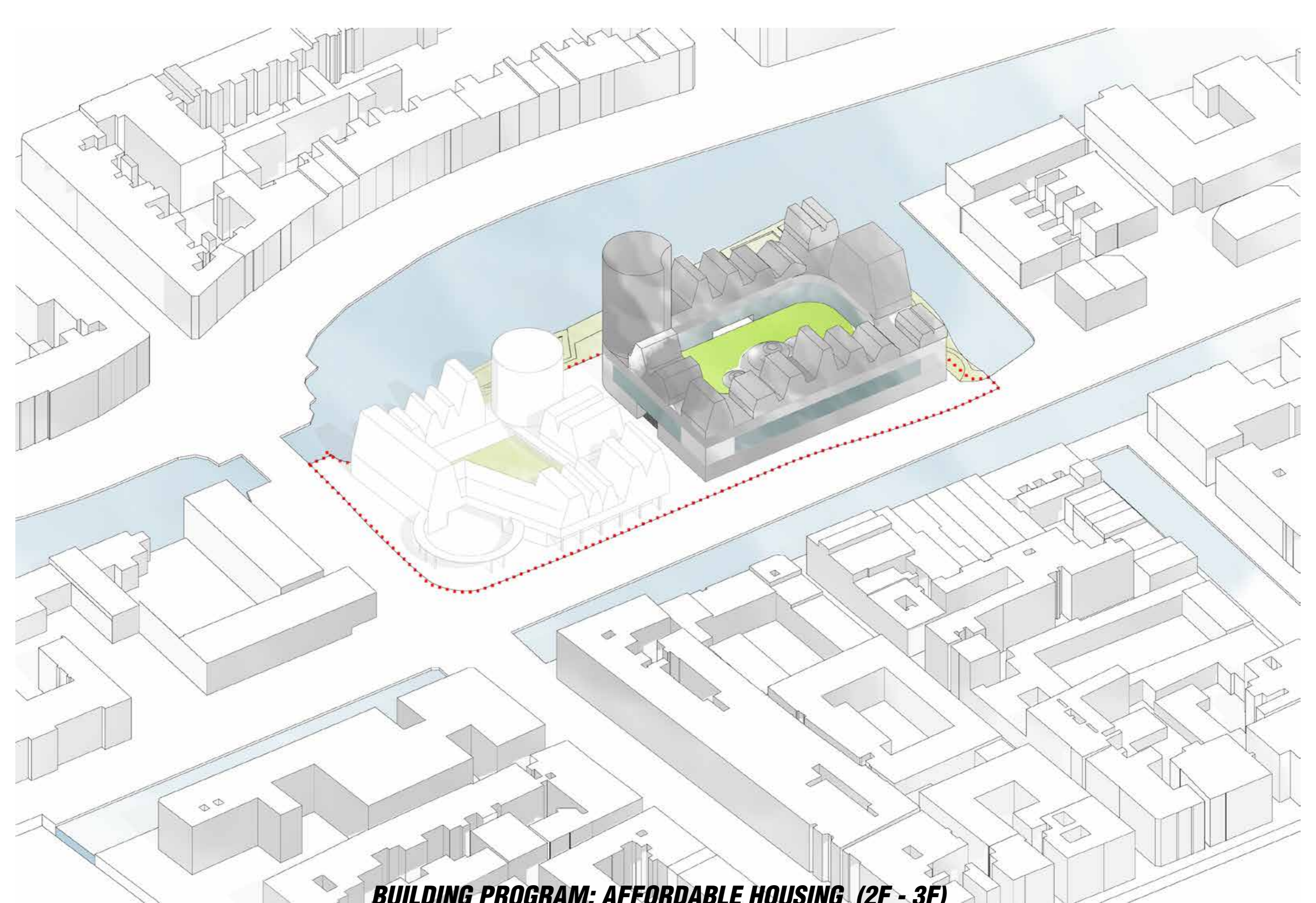




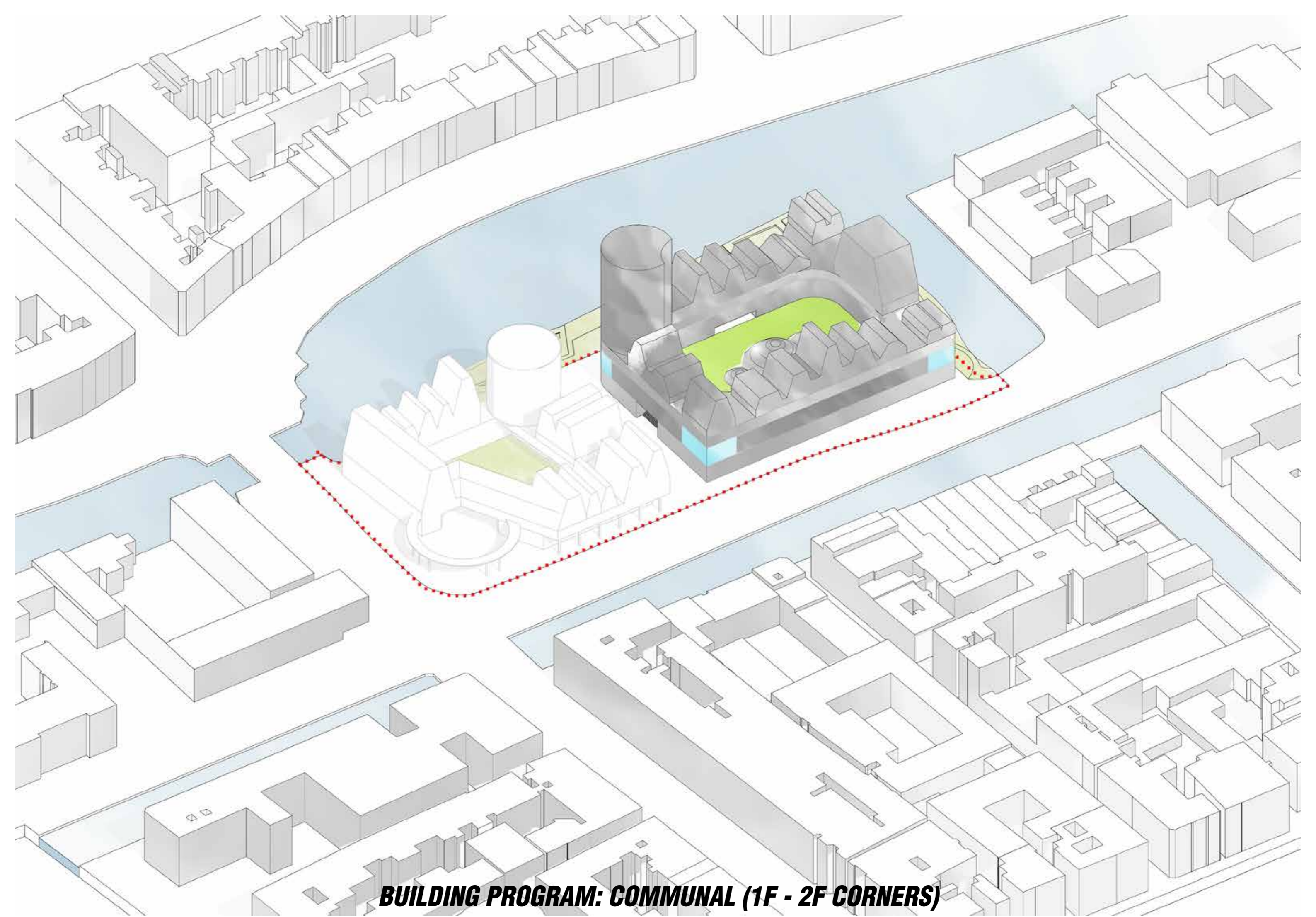
***BUILDING PROGRAM: LEISURE COURTYARD***



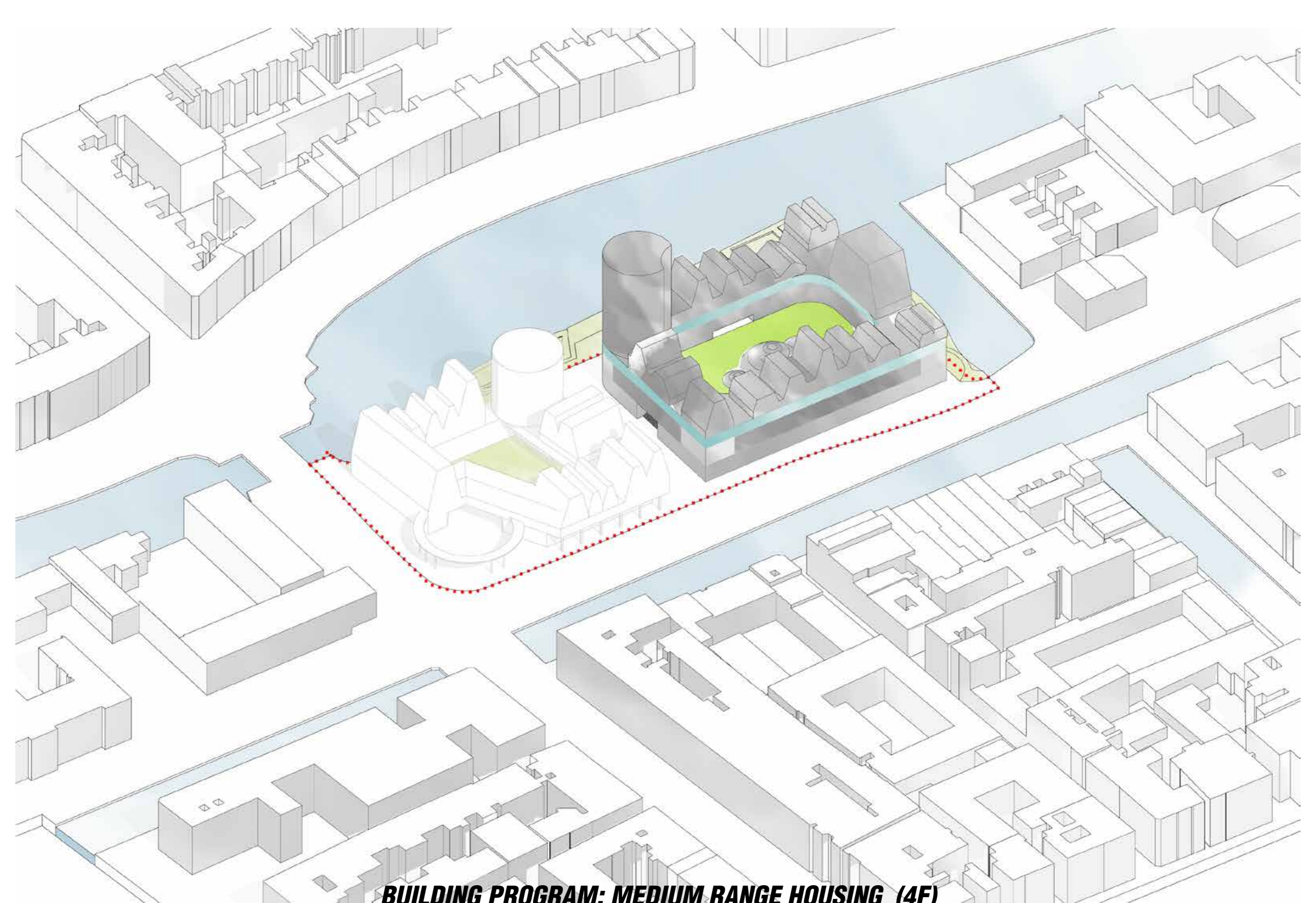
***BUILDING PROGRAM: CAMPUS (GF - 1F)***



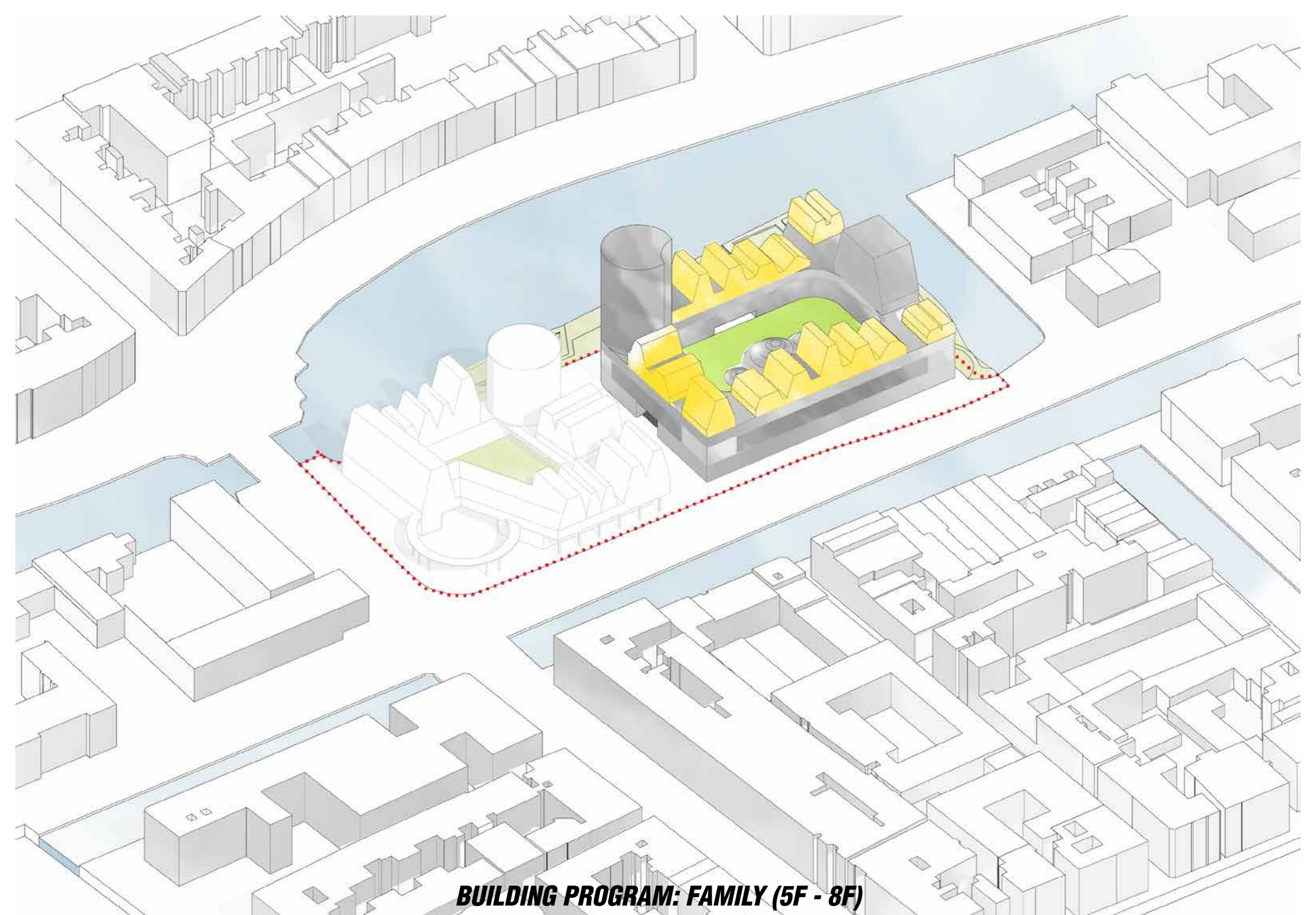
***BUILDING PROGRAM: AFFORDABLE HOUSING (2F - 3F)***



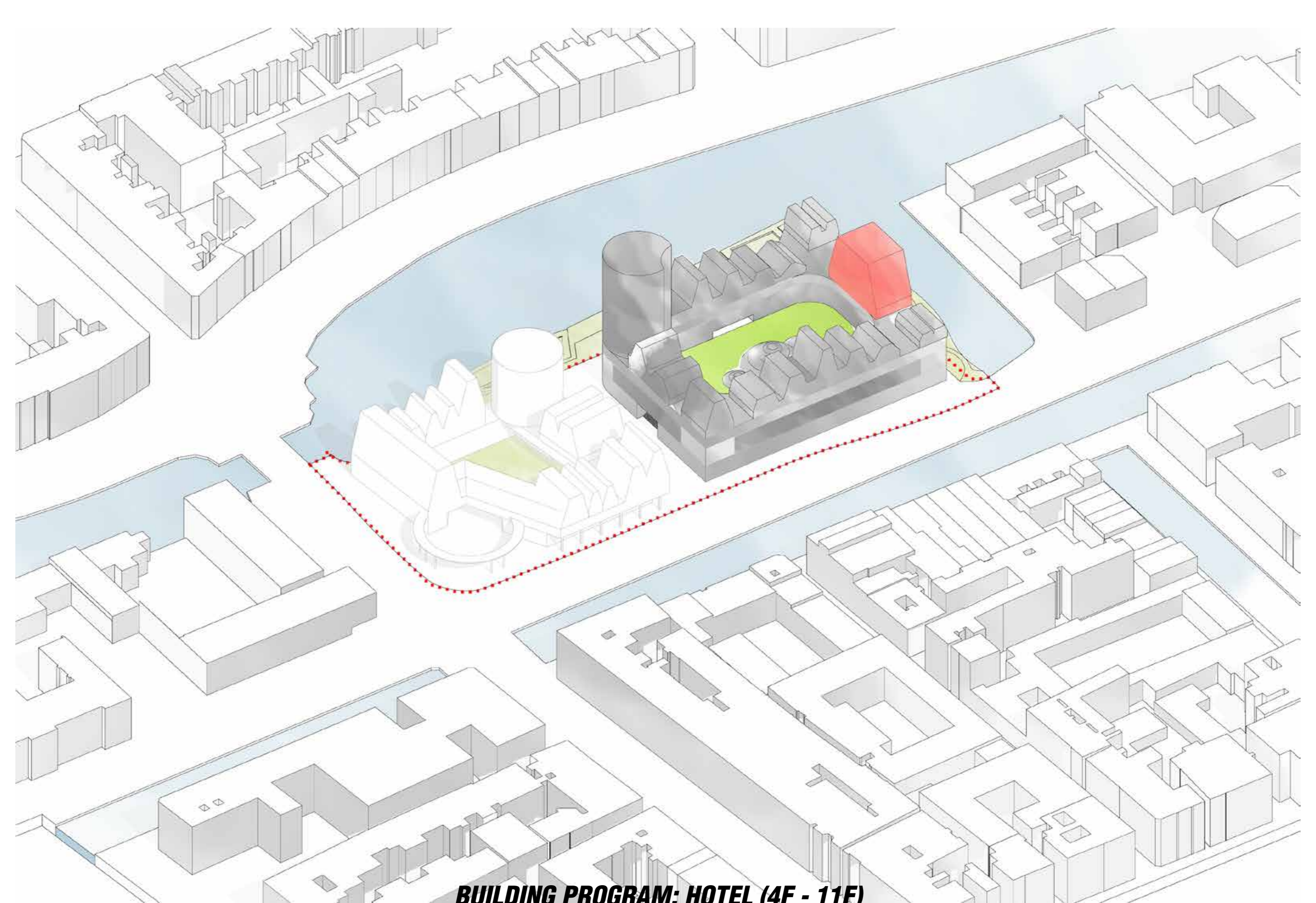
***BUILDING PROGRAM: COMMUNAL (1F - 2F CORNERS)***



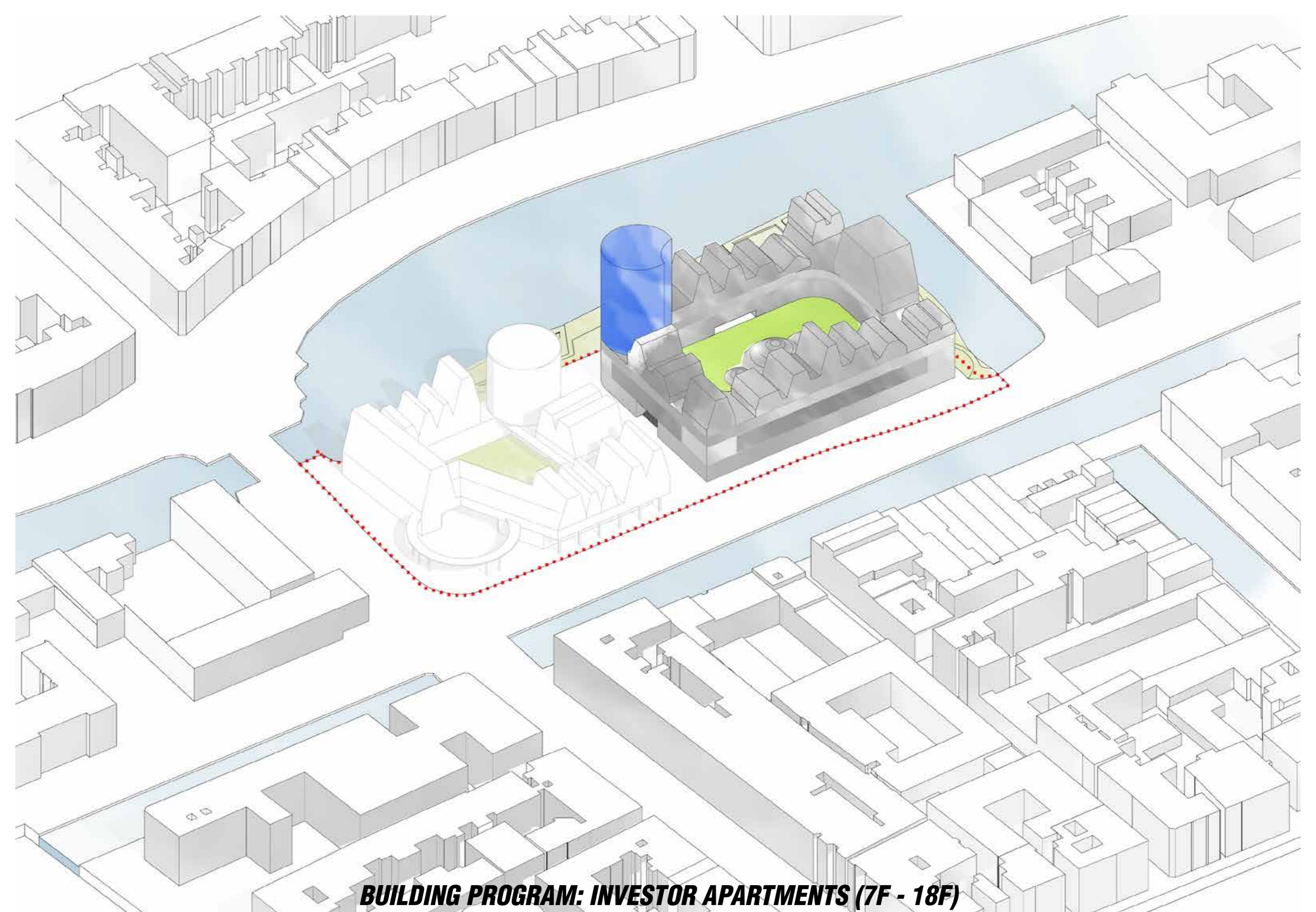
**BUILDING PROGRAM: MEDIUM-RANGE HOUSING (4F)**



***BUILDING PROGRAM: FAMILY (5F - 8F)***

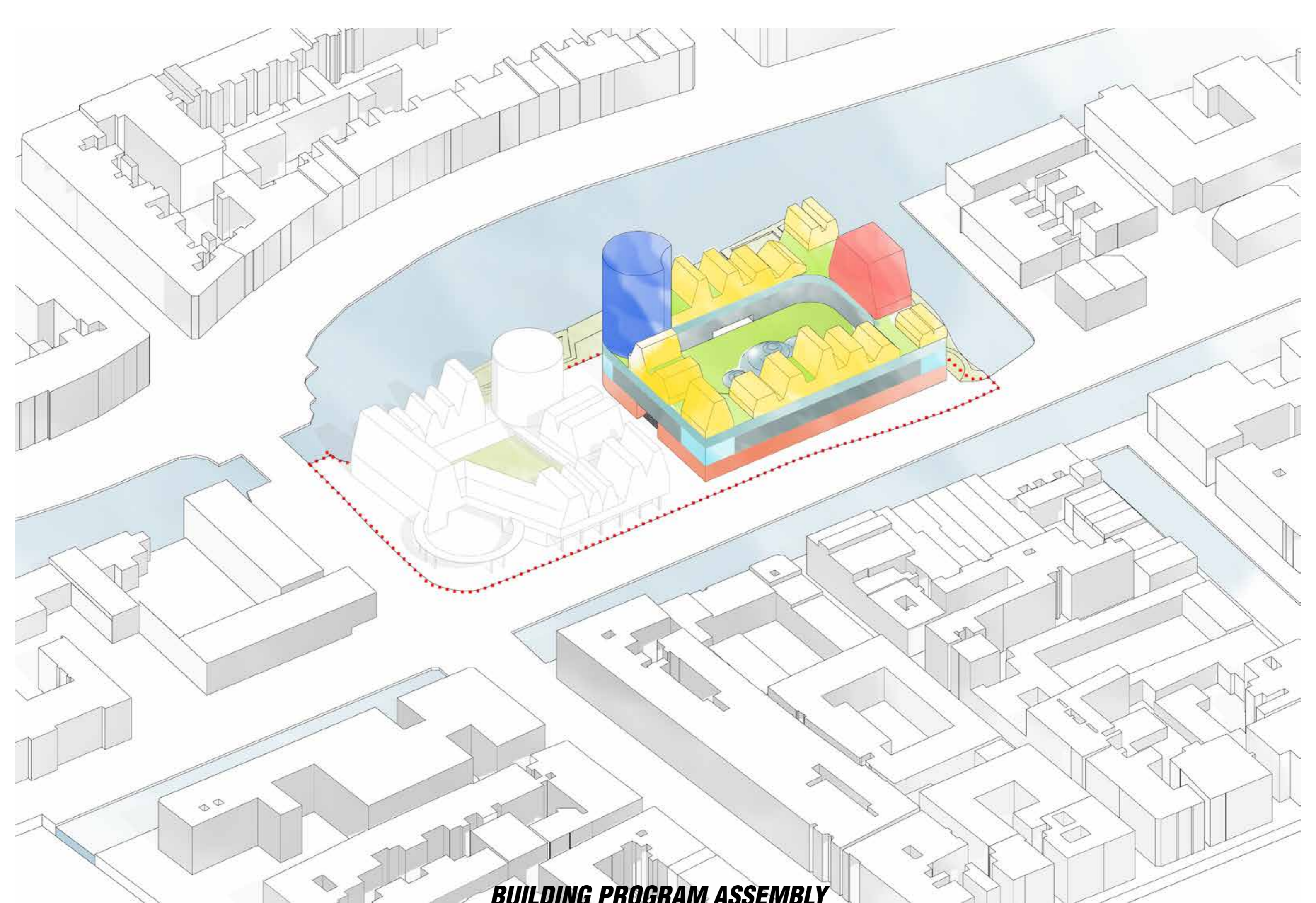


***BUILDING PROGRAM: HOTEL (4F - 11F)***

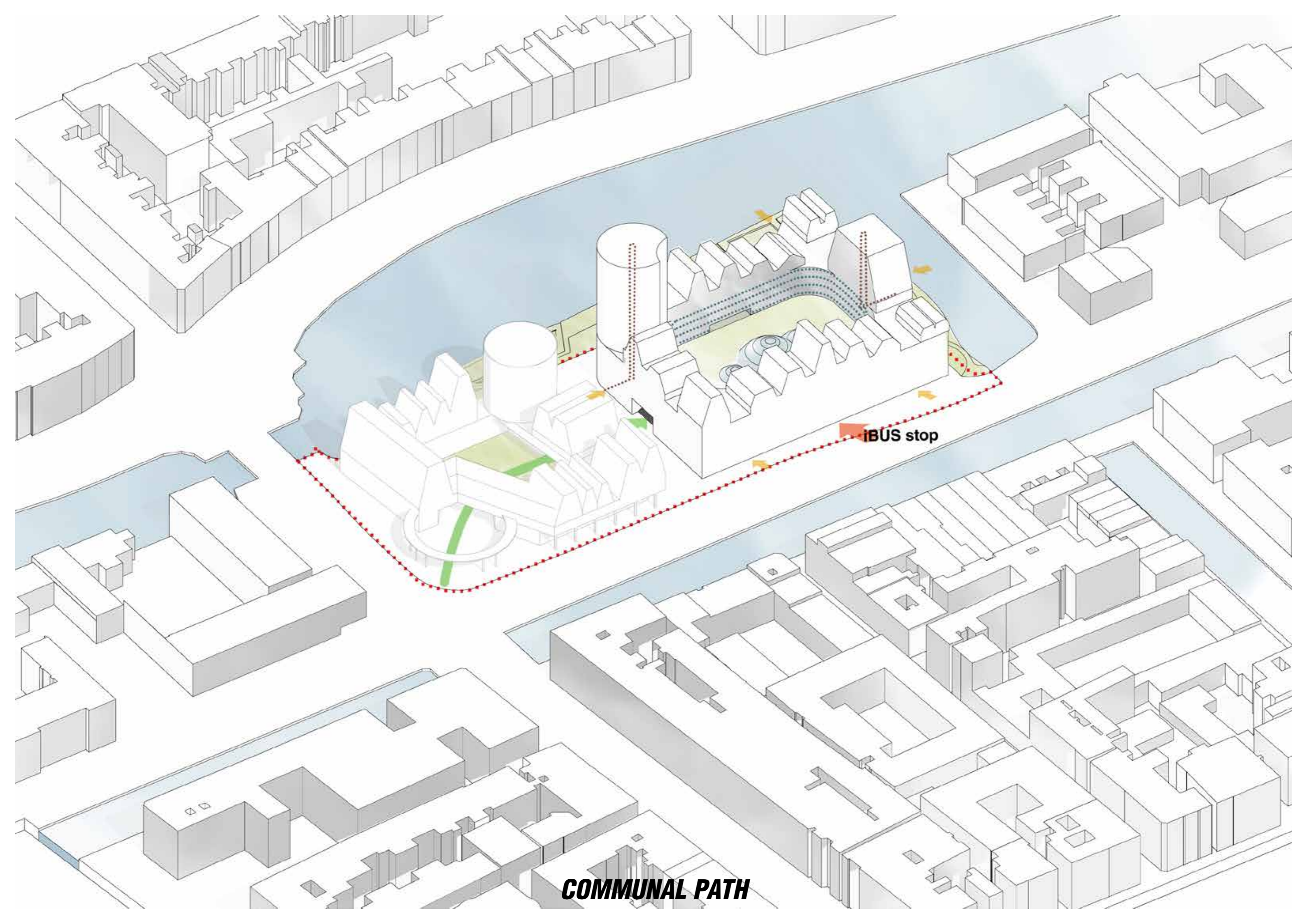


***BUILDING PROGRAM: INVESTOR APARTMENTS (7F - 18F)***





***BUILDING PROGRAM ASSEMBLY***



IBUS stop

**COMMUNAL PATH**



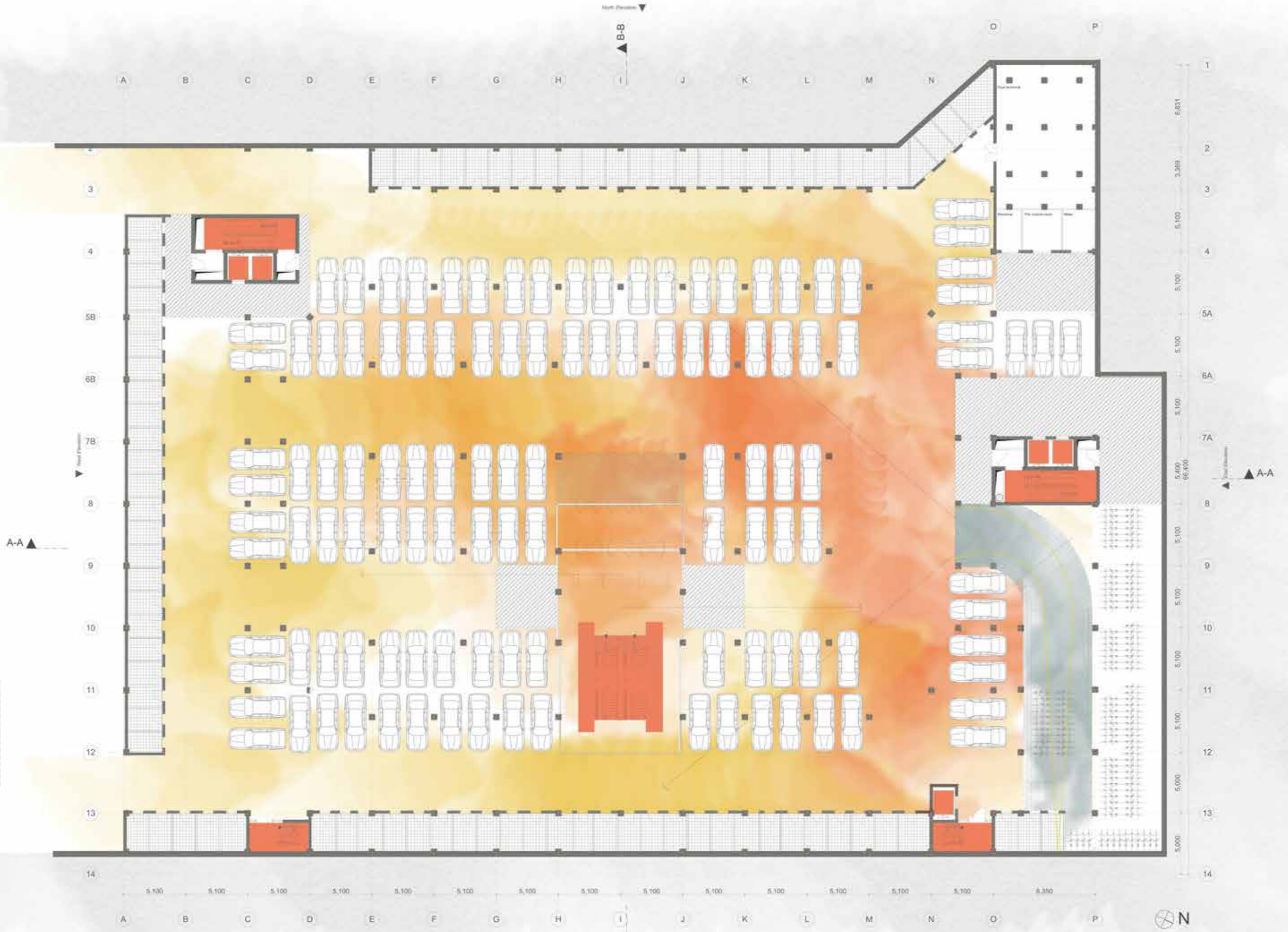
**MASTER PLAN**



**SITE PLAN**



**GARAGE STORAGES**



**GARAGE CIRCULATION**

North Direction  
▲ BB

A B C D E F G H I J K L M N O P

3  
4  
5B  
6B  
7B  
8  
9  
10  
11  
12  
13

1  
2  
3  
4  
5A  
6A  
7A  
8  
9  
10  
11  
12  
13  
14

▲ A-A

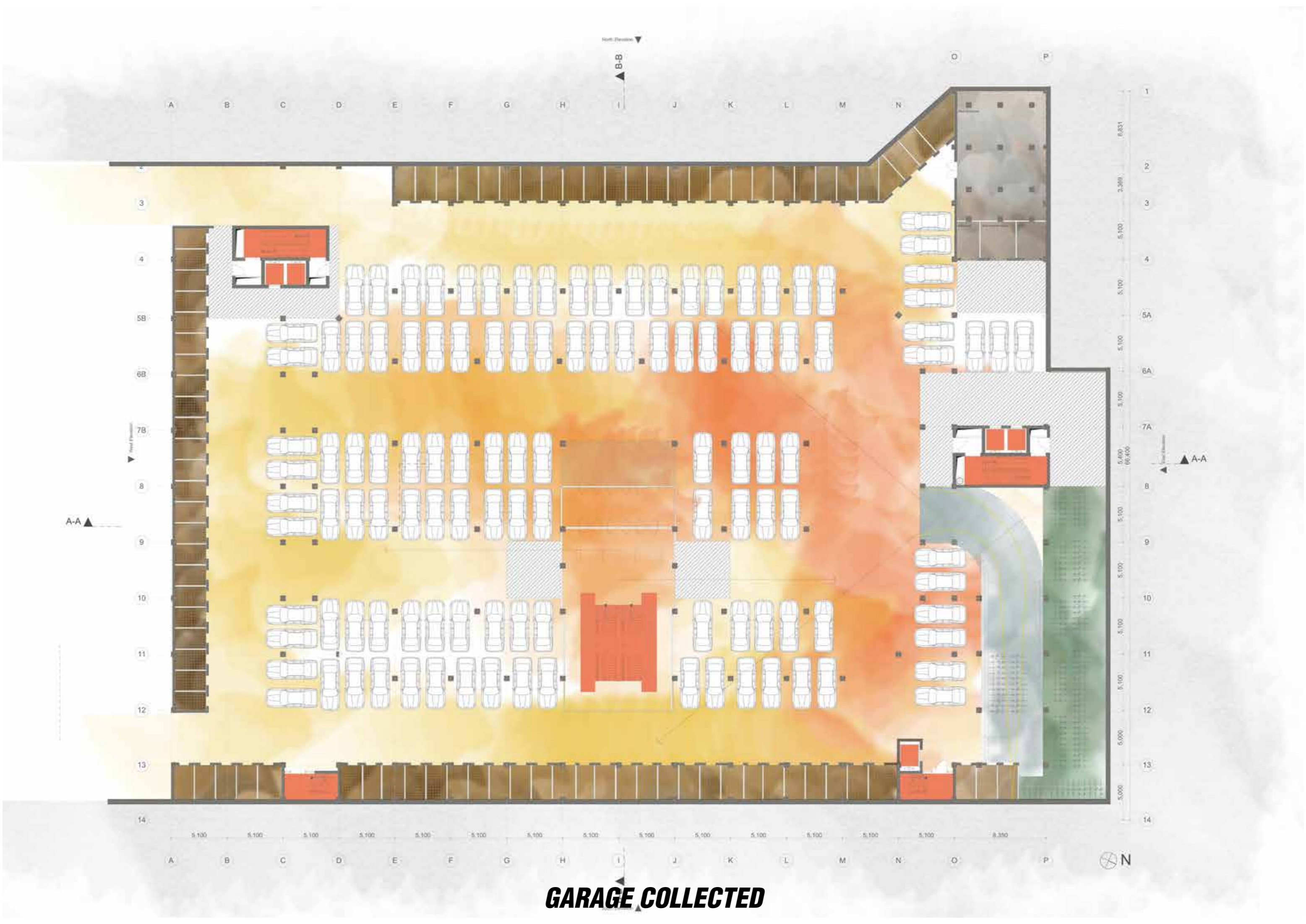
▲ A-A

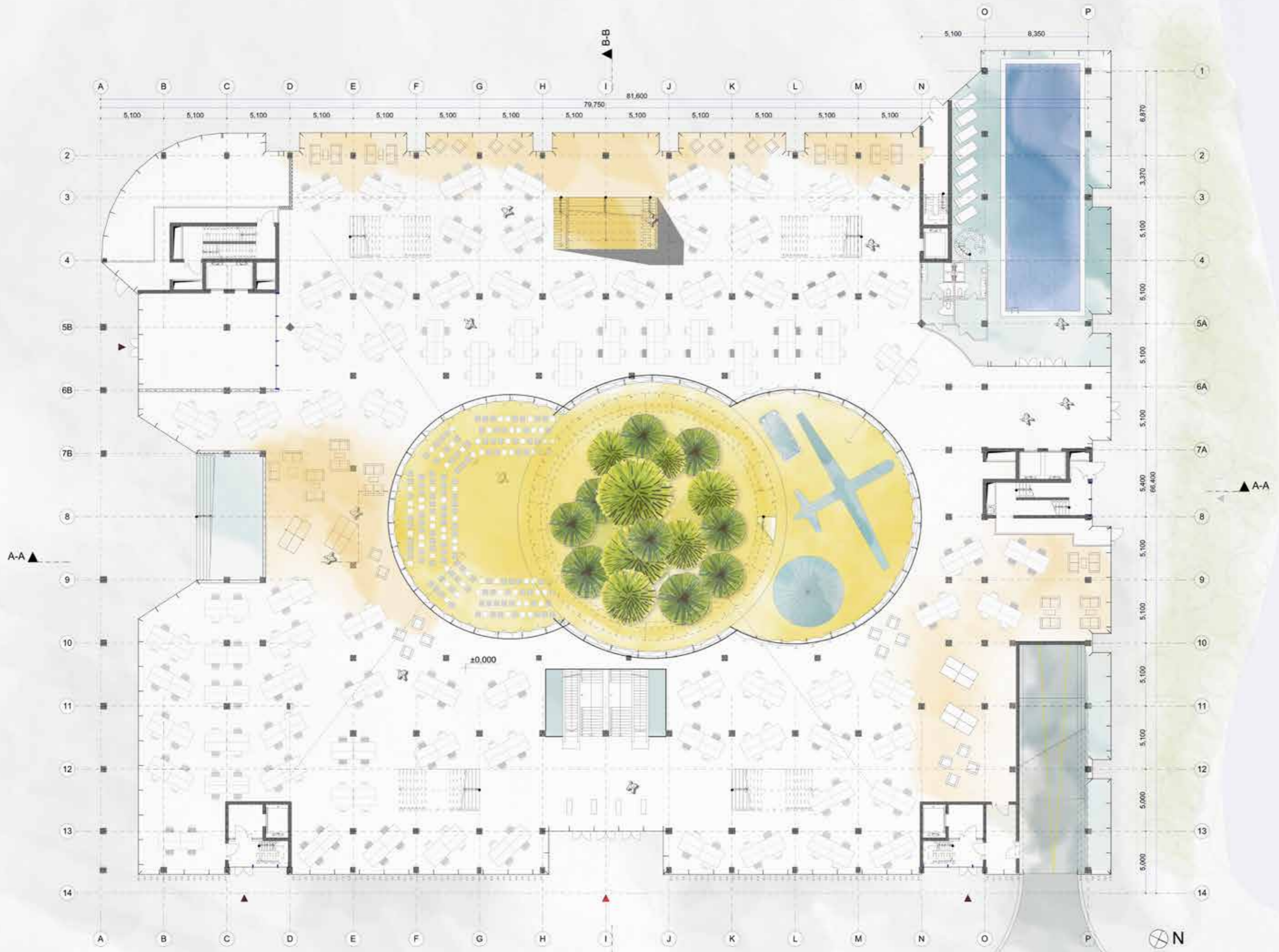
5,100 5,100 5,100 5,100 5,100 5,100 5,100 5,100 5,100 5,100 5,100 5,100 5,100 5,100 5,100 8,350

A B C D E F G H I J K L M N O P



**GARAGE COLLECTED**

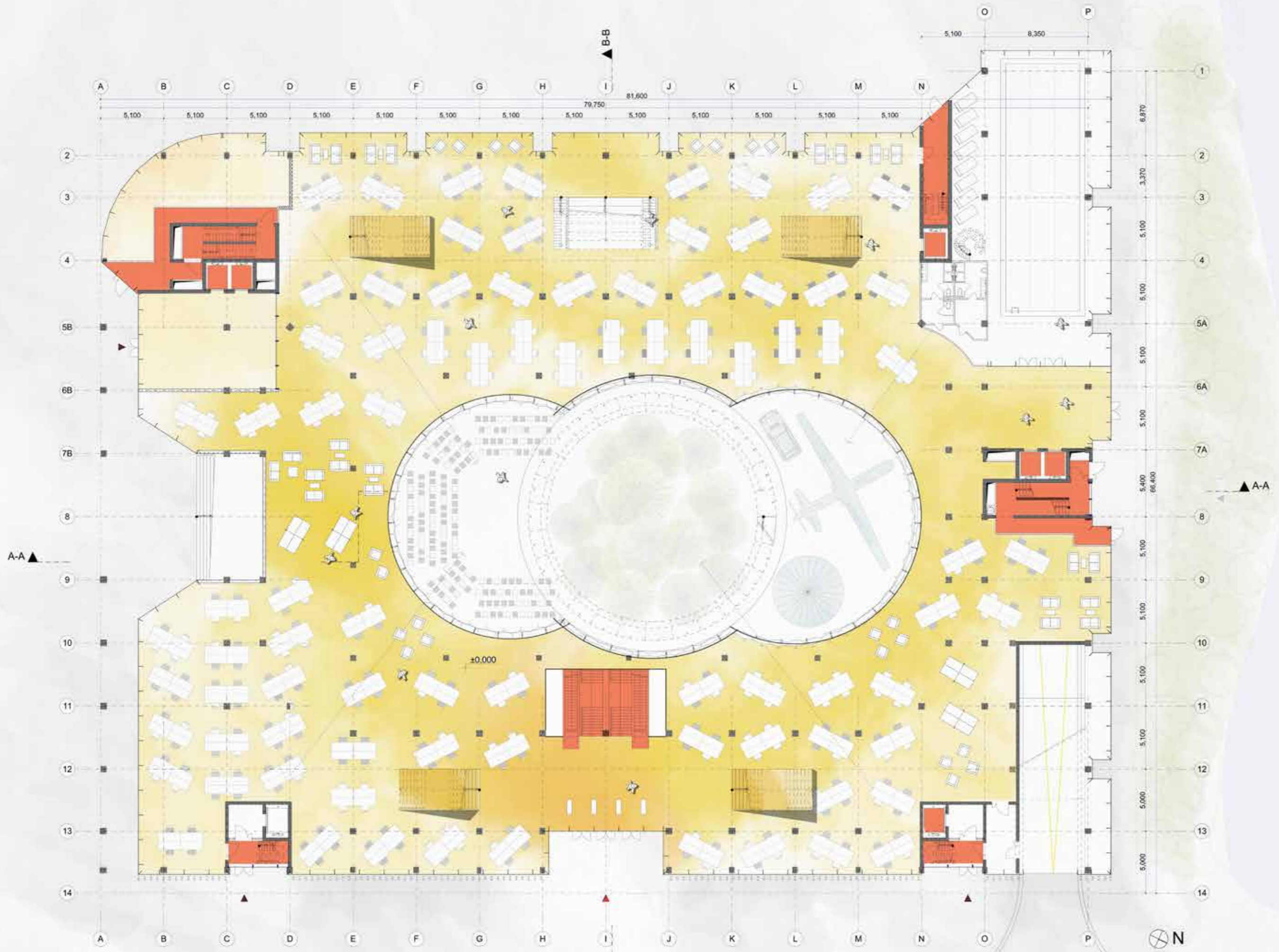




iBus stop

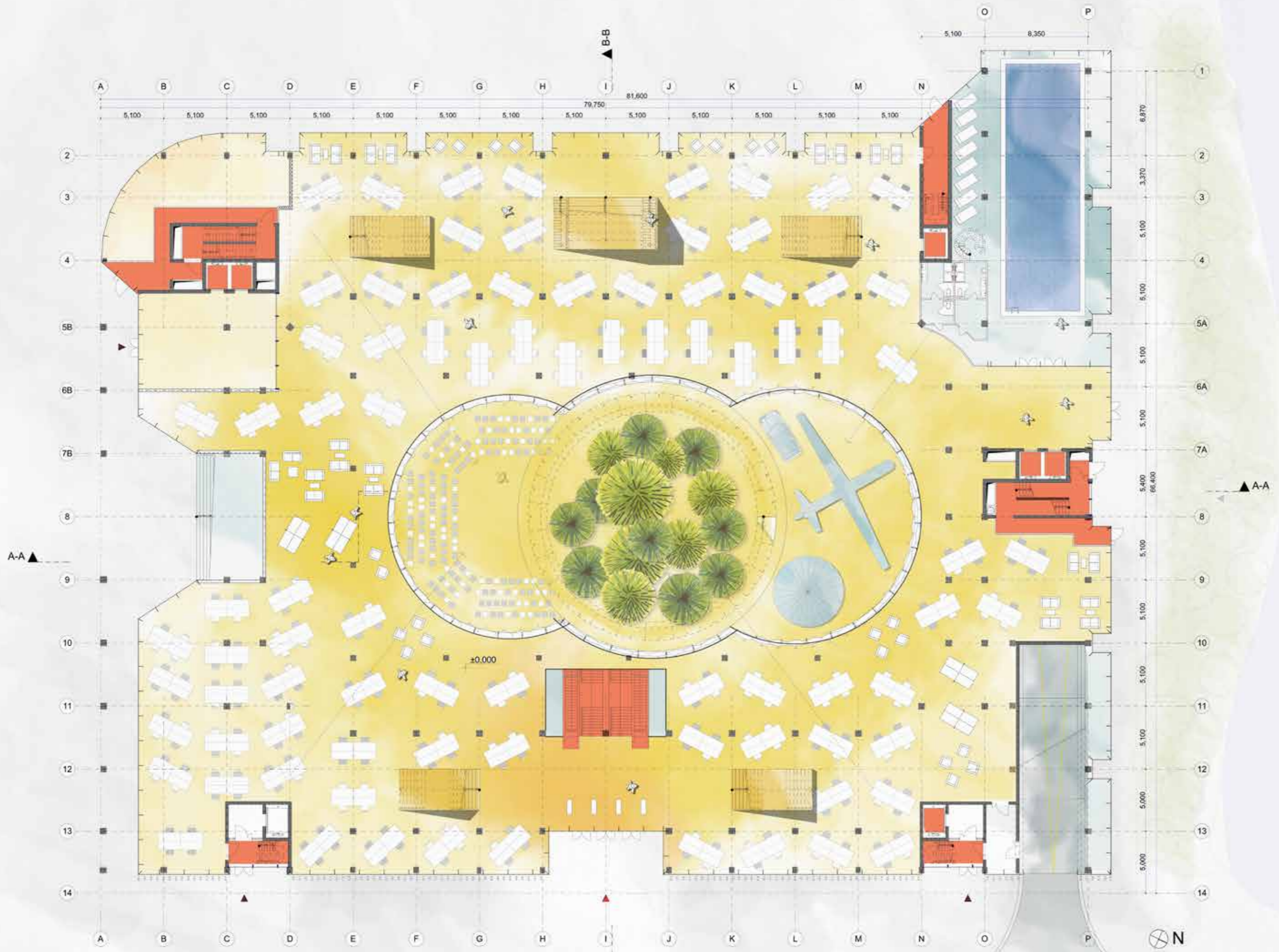
**GROUND FLOOR COMMUNAL**





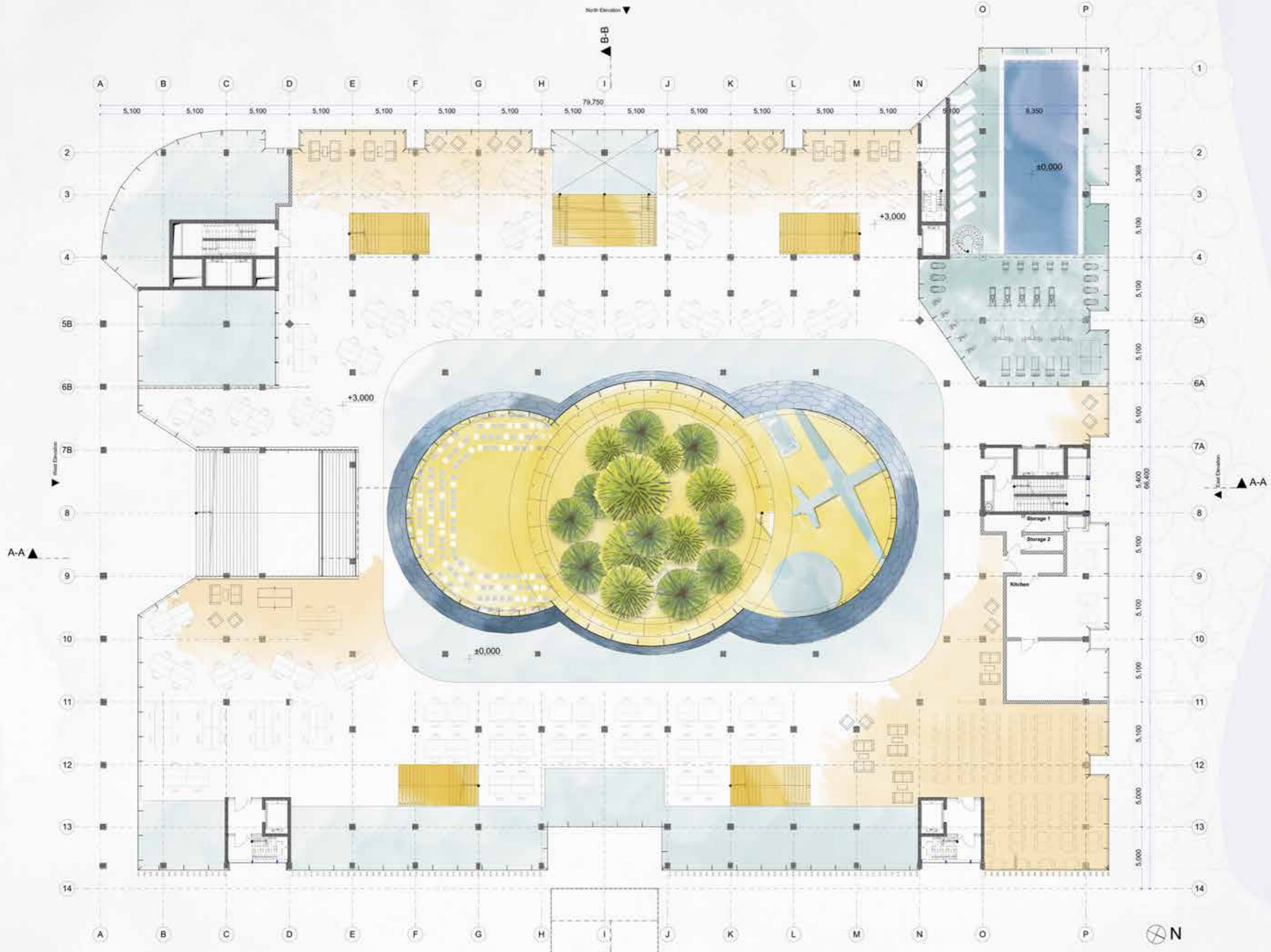
iBus stop

**GROUND FLOOR OFFICES**



← iBus stop

**GROUND FLOOR COLLECTED**



**FIRST FLOOR COMMUNAL**



**SECOND FLOOR COLLECTED**



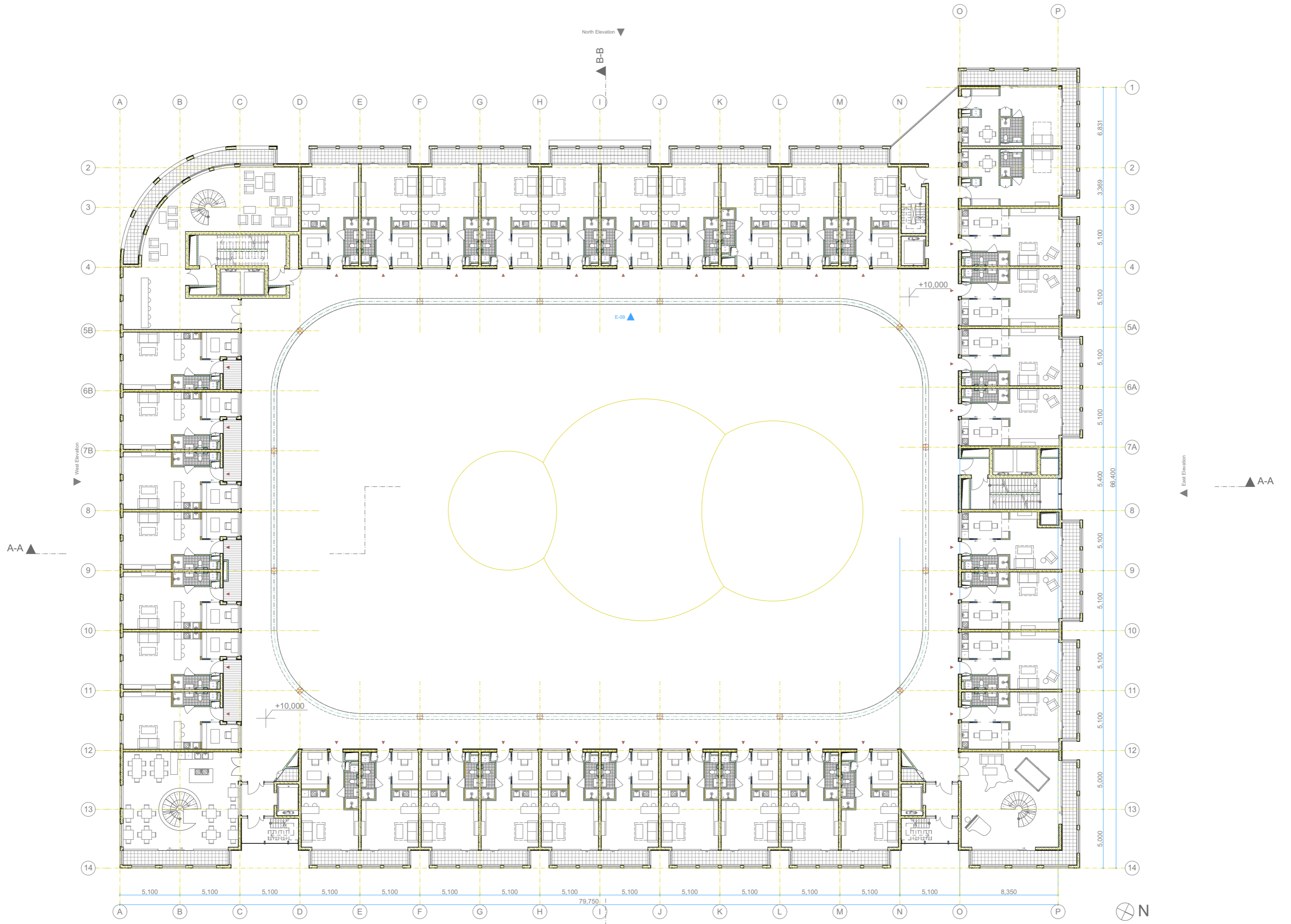
**SECOND FLOOR COMMUNAL**



**SECOND FLOOR COURTYARD**



**SECOND FLOOR LIVING**

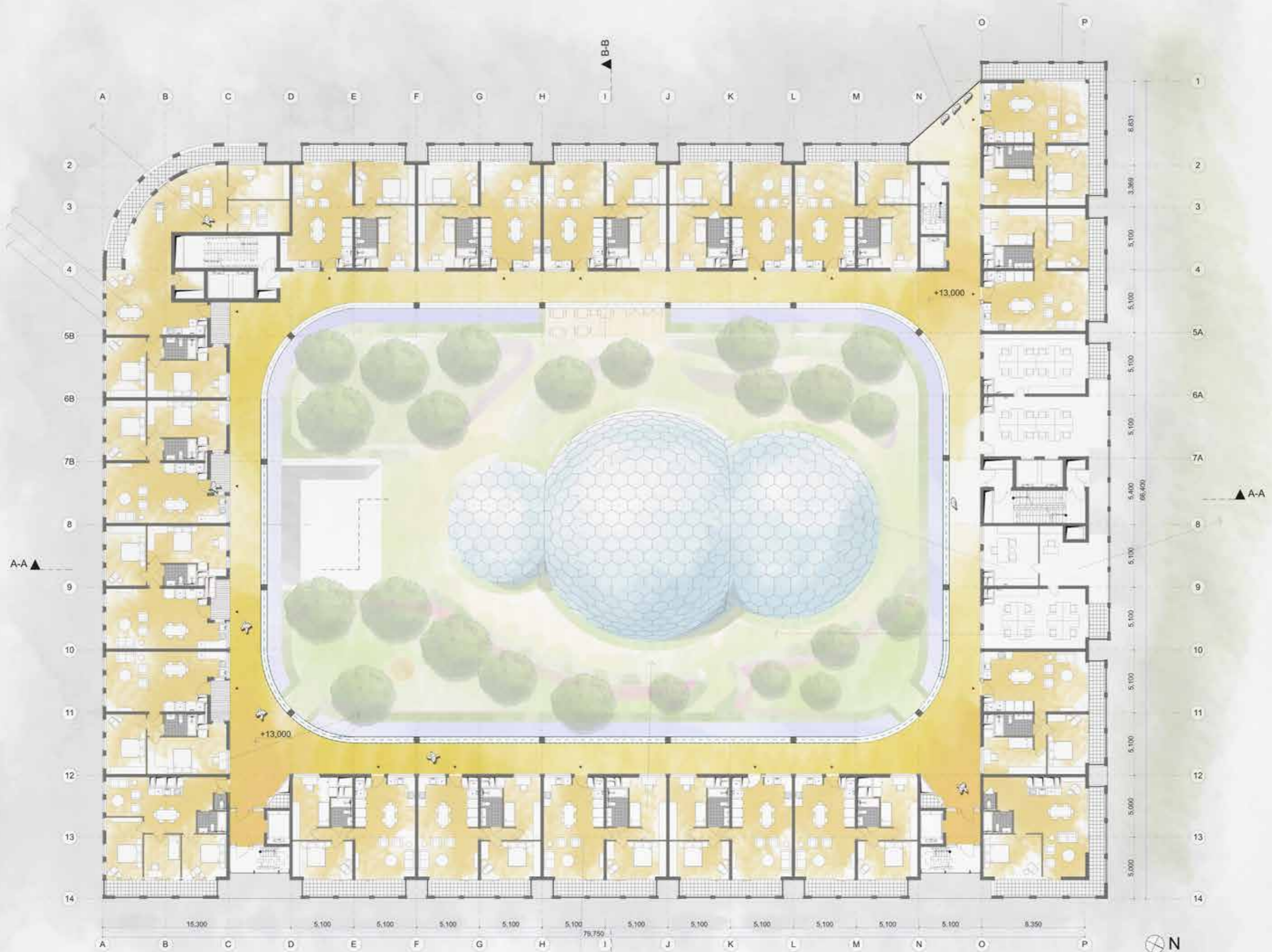


# THIRD FLOOR LIVING

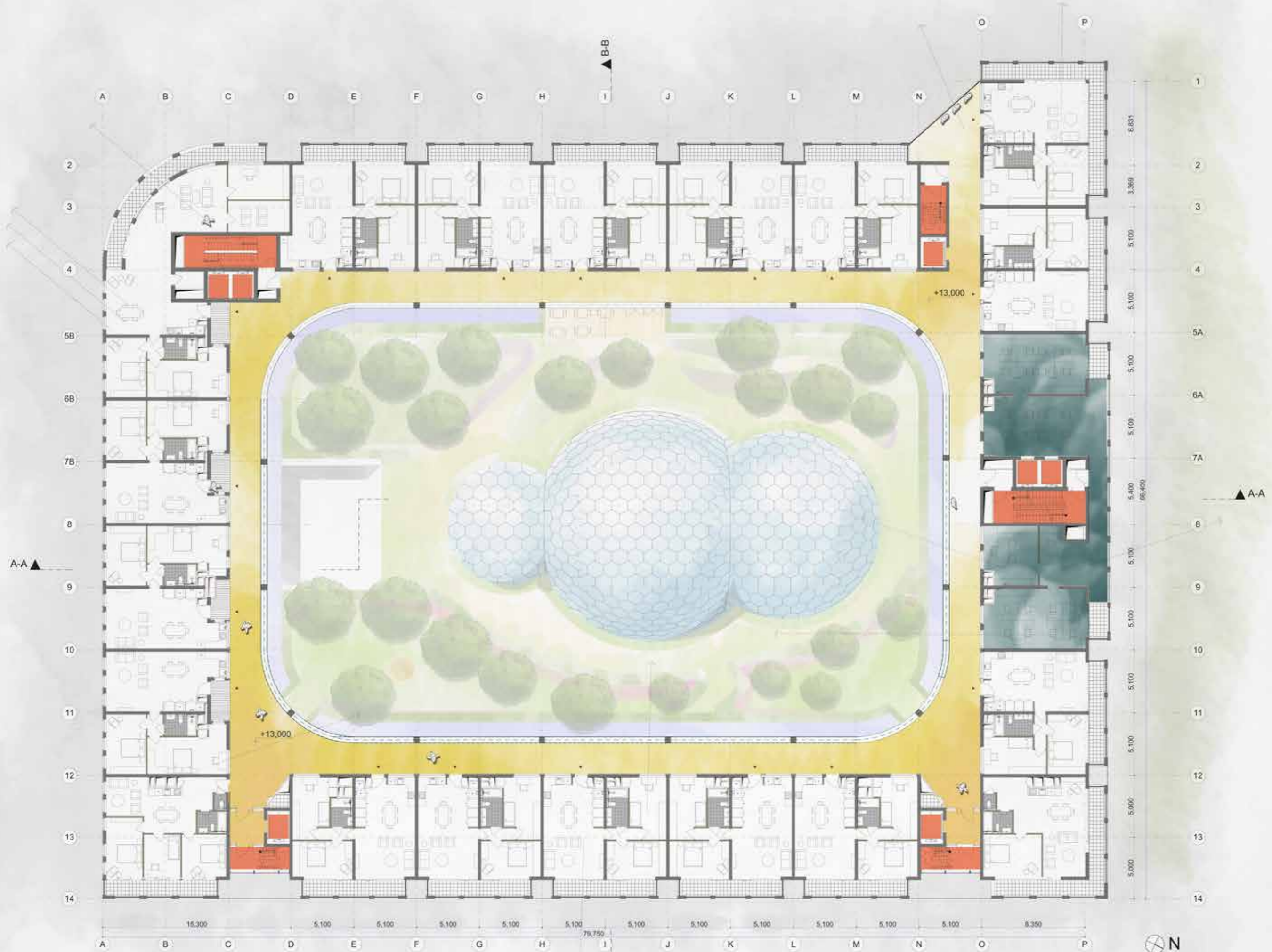




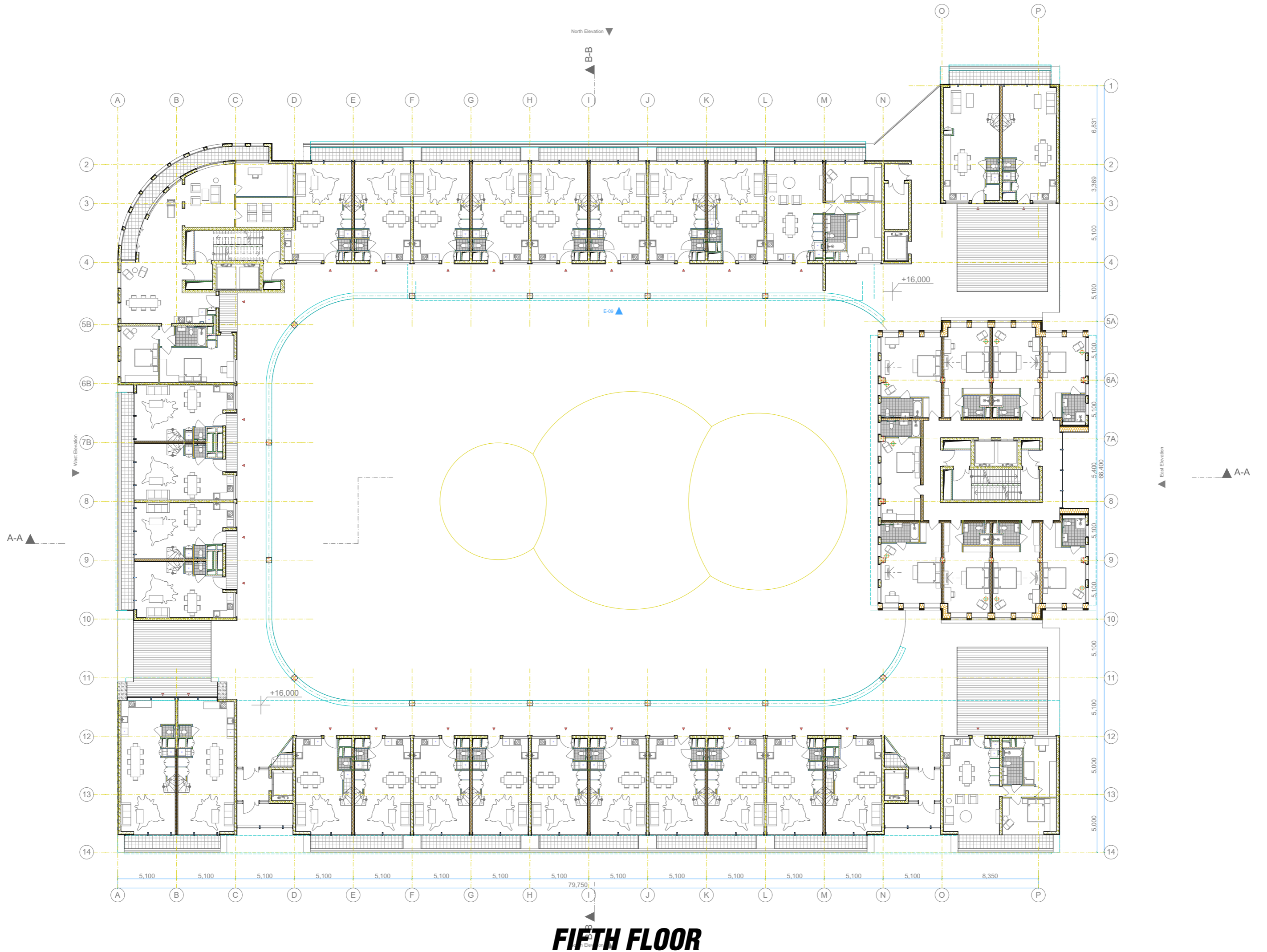
**FOURTH FLOOR COLLECTED**



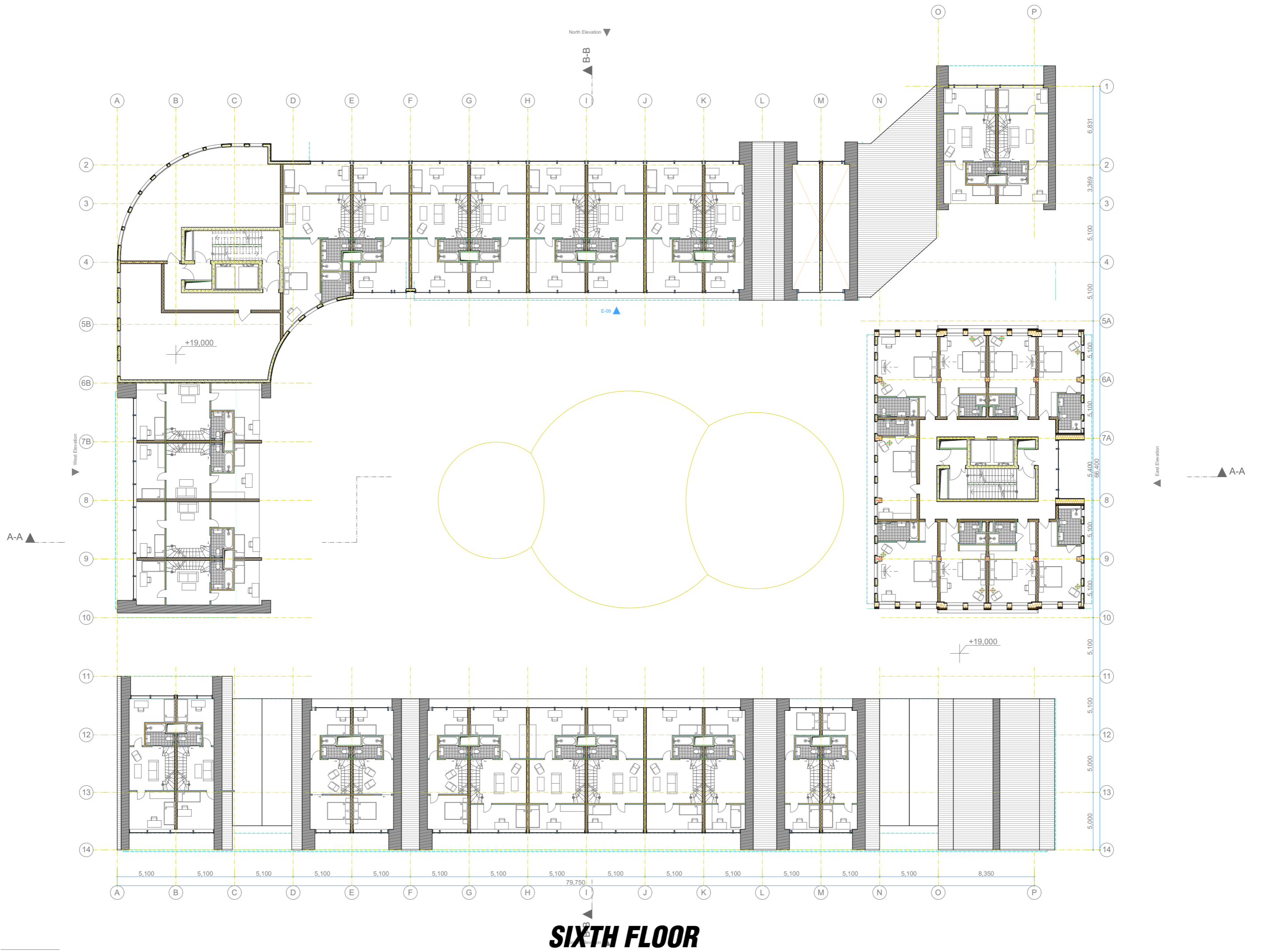
**FOURTH FLOOR LIVING**



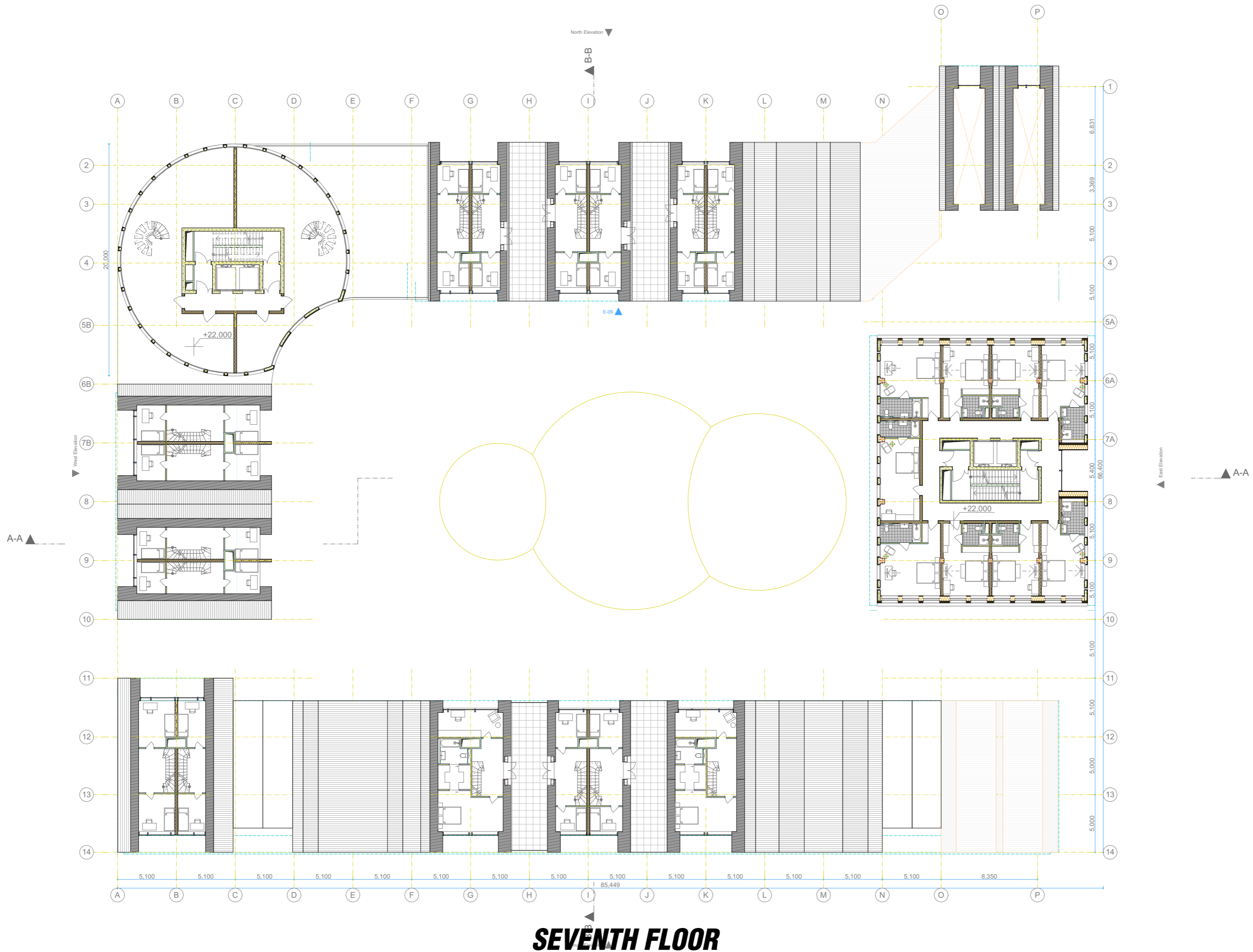
**FOURTH FLOOR CIRCULATION AND HOTEL OFFICES**



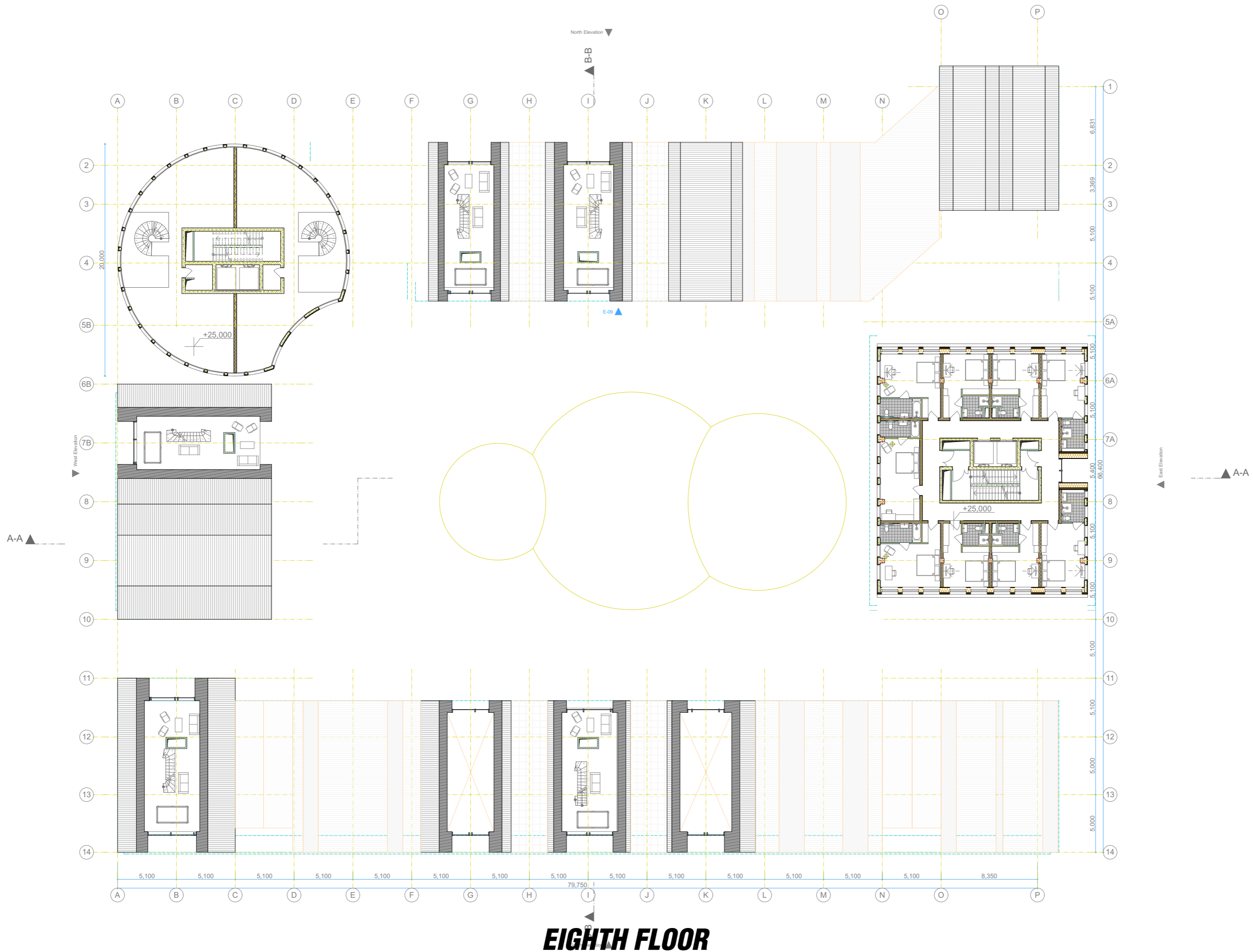
**FIFTH FLOOR**



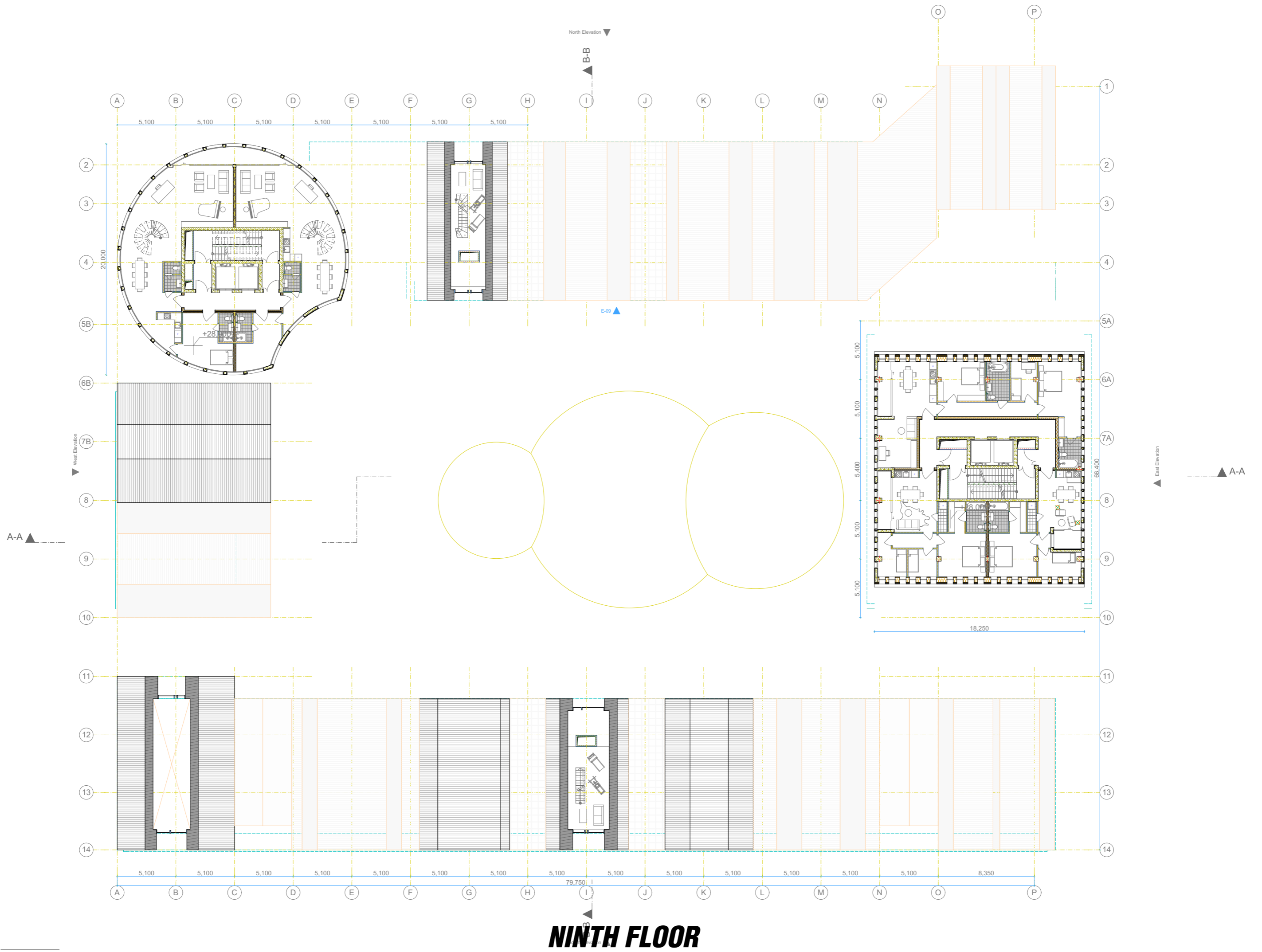
# SIXTH FLOOR



**SEVENTH FLOOR**

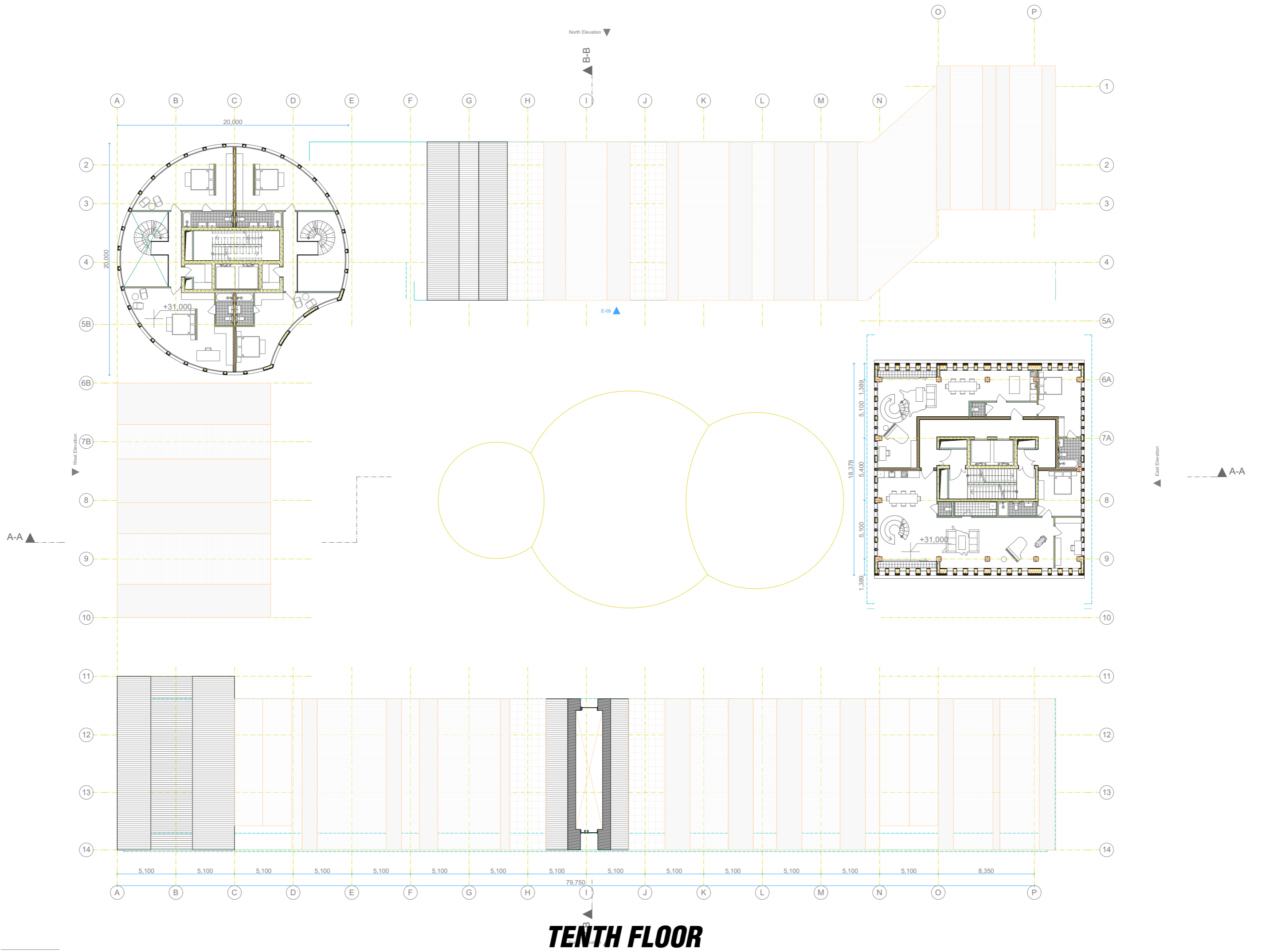


**EIGHTH FLOOR**

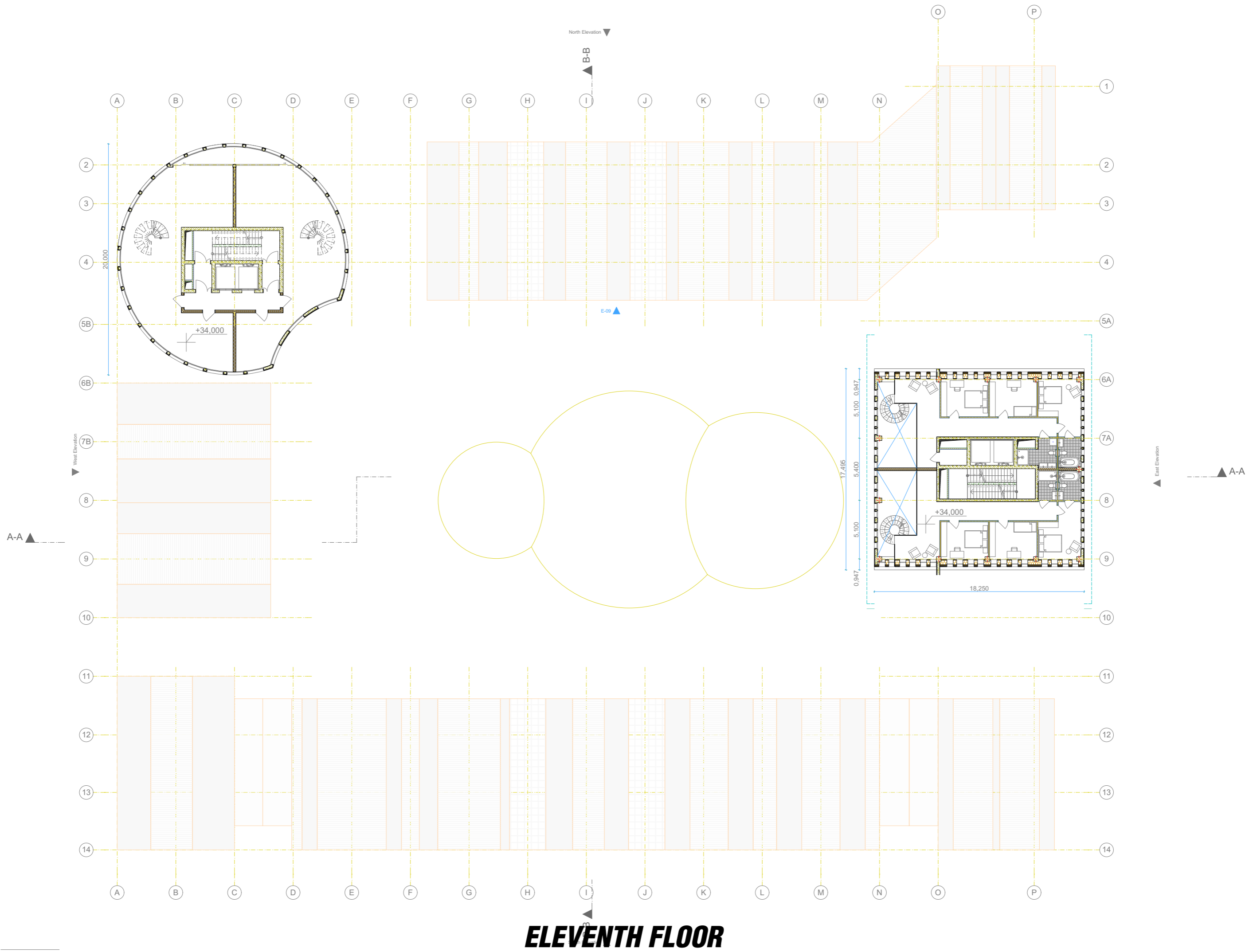


# NINTH FLOOR

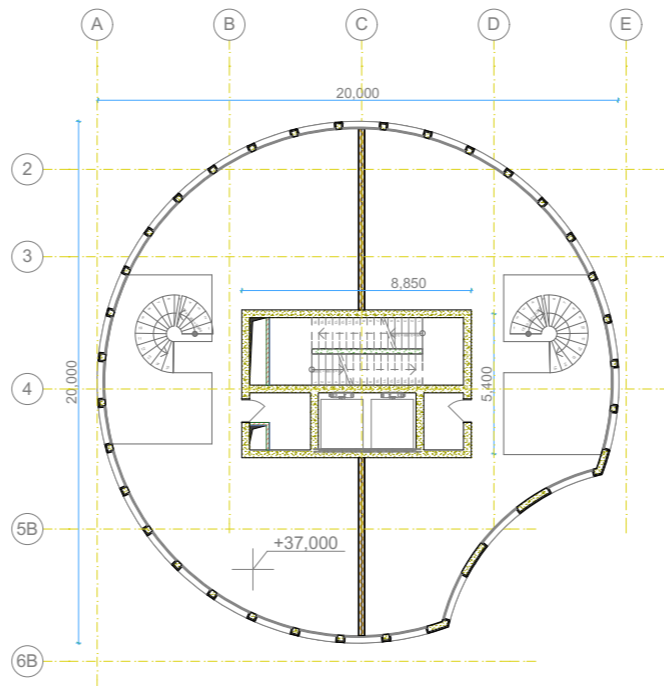




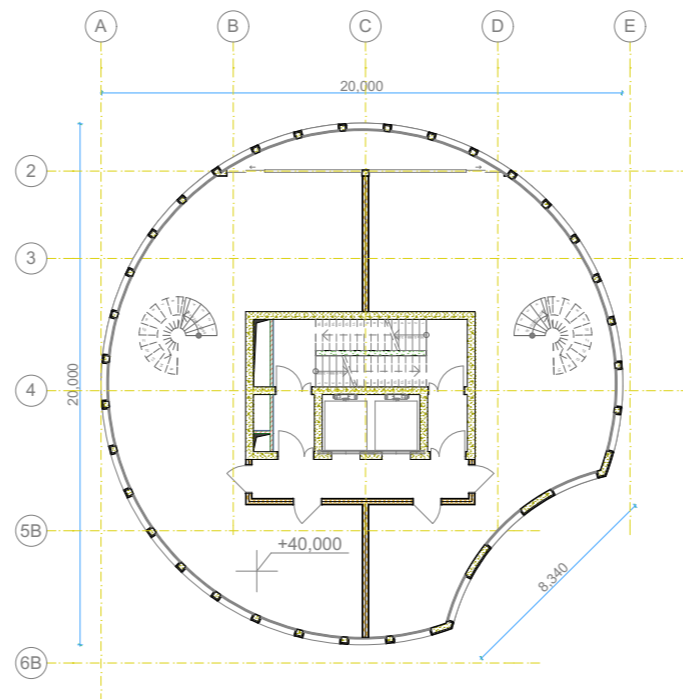
**TENTH FLOOR**



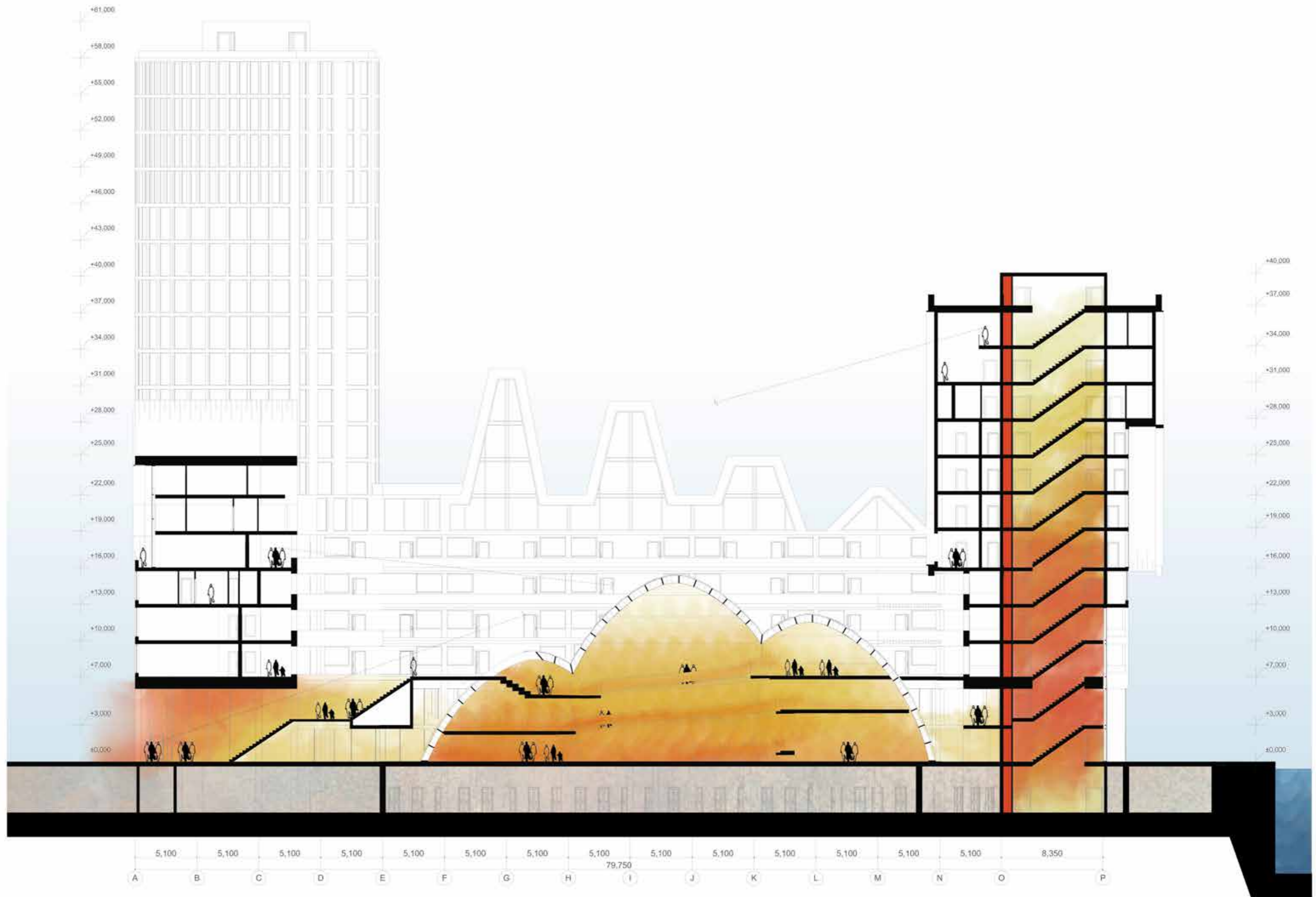
**ELEVENTH FLOOR**



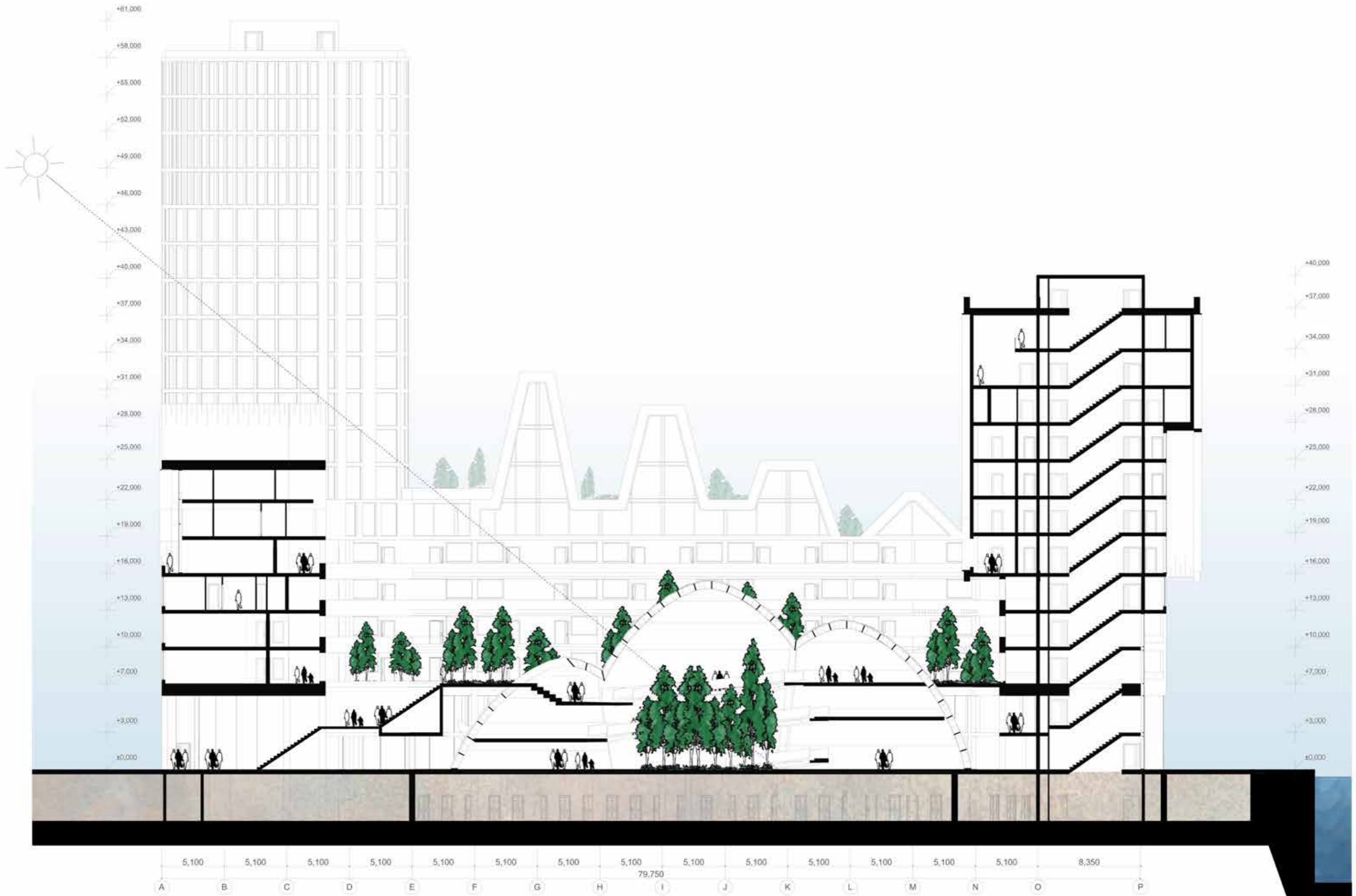
**GENERIC INVESTOR TOWER FLOOR N.1**



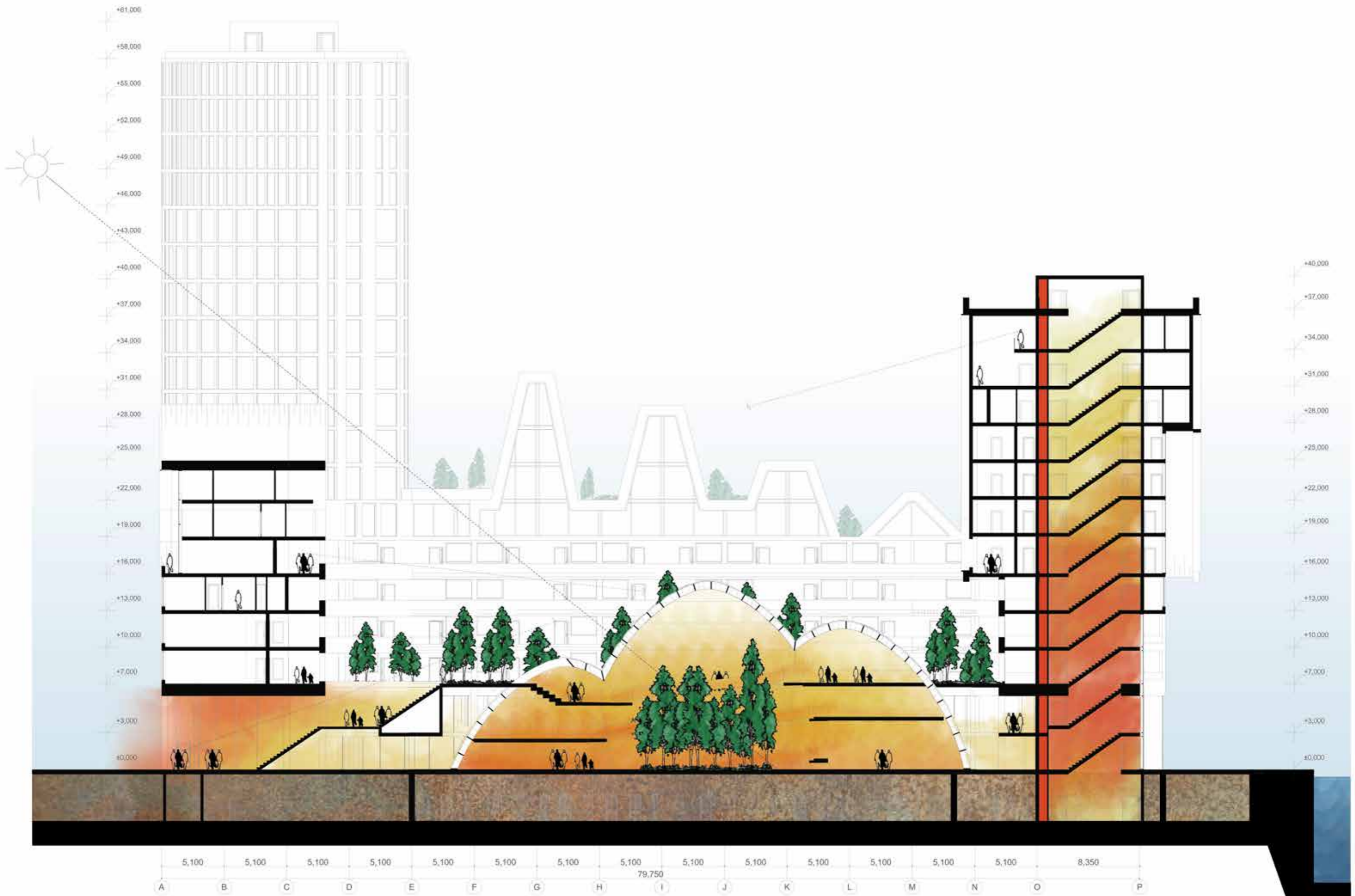
**GENERIC INVESTOR TOWER FLOOR N.2**



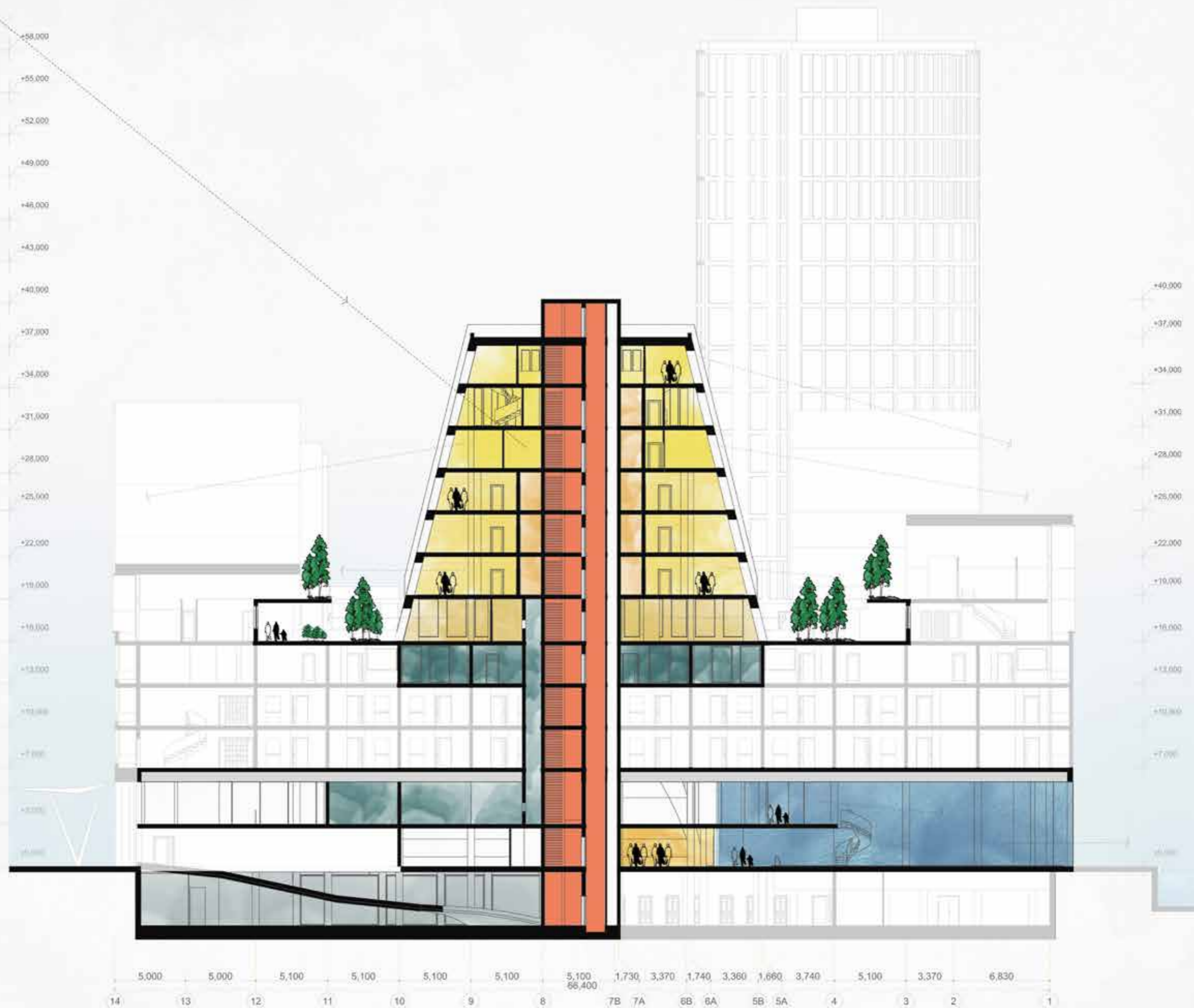
**LONGITUDINAL SECTION - CIRCULATION**



**LONGITUDINAL SECTION - GREENERY**

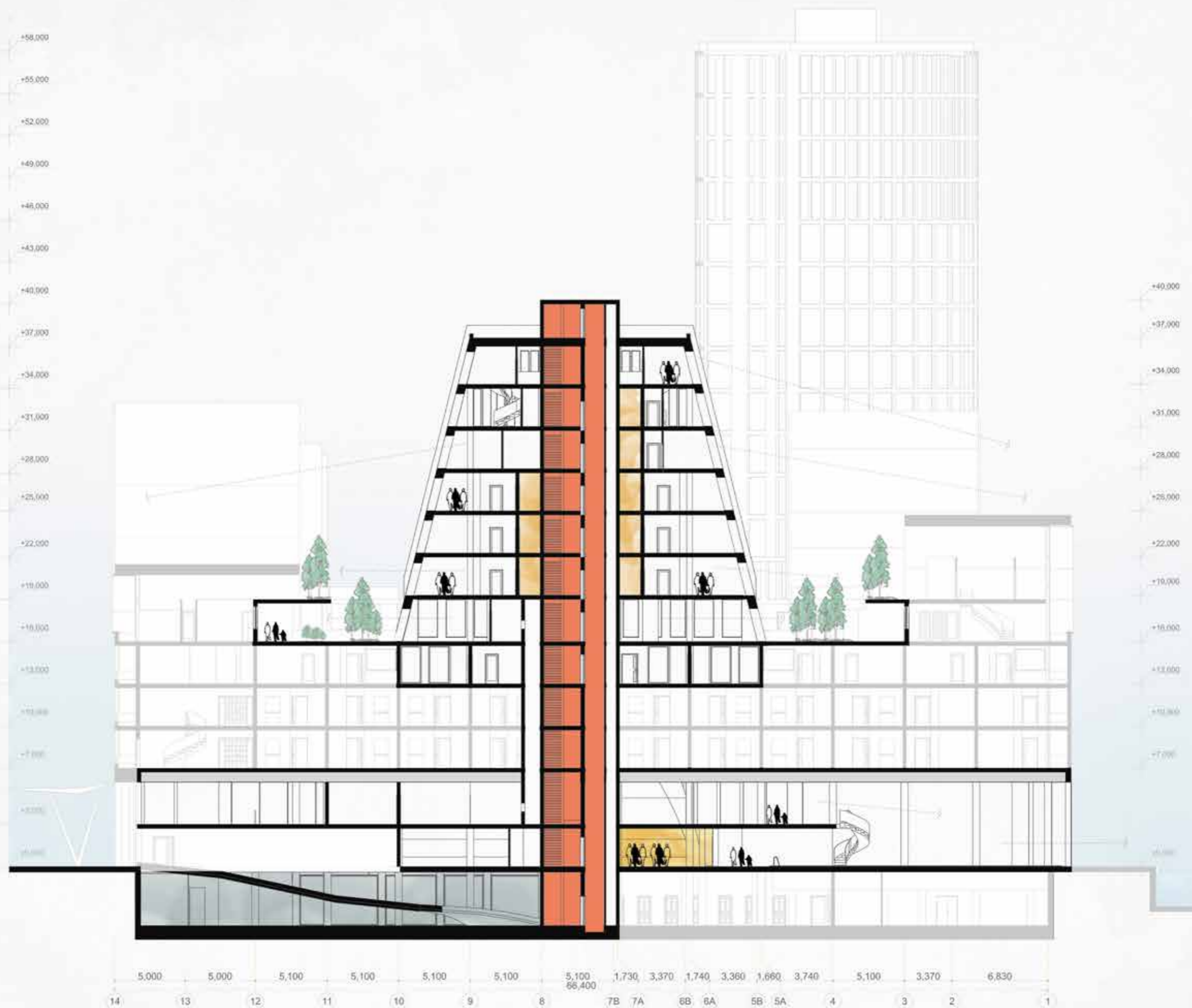


**LONGITUDINAL SECTION - COLLECTED**

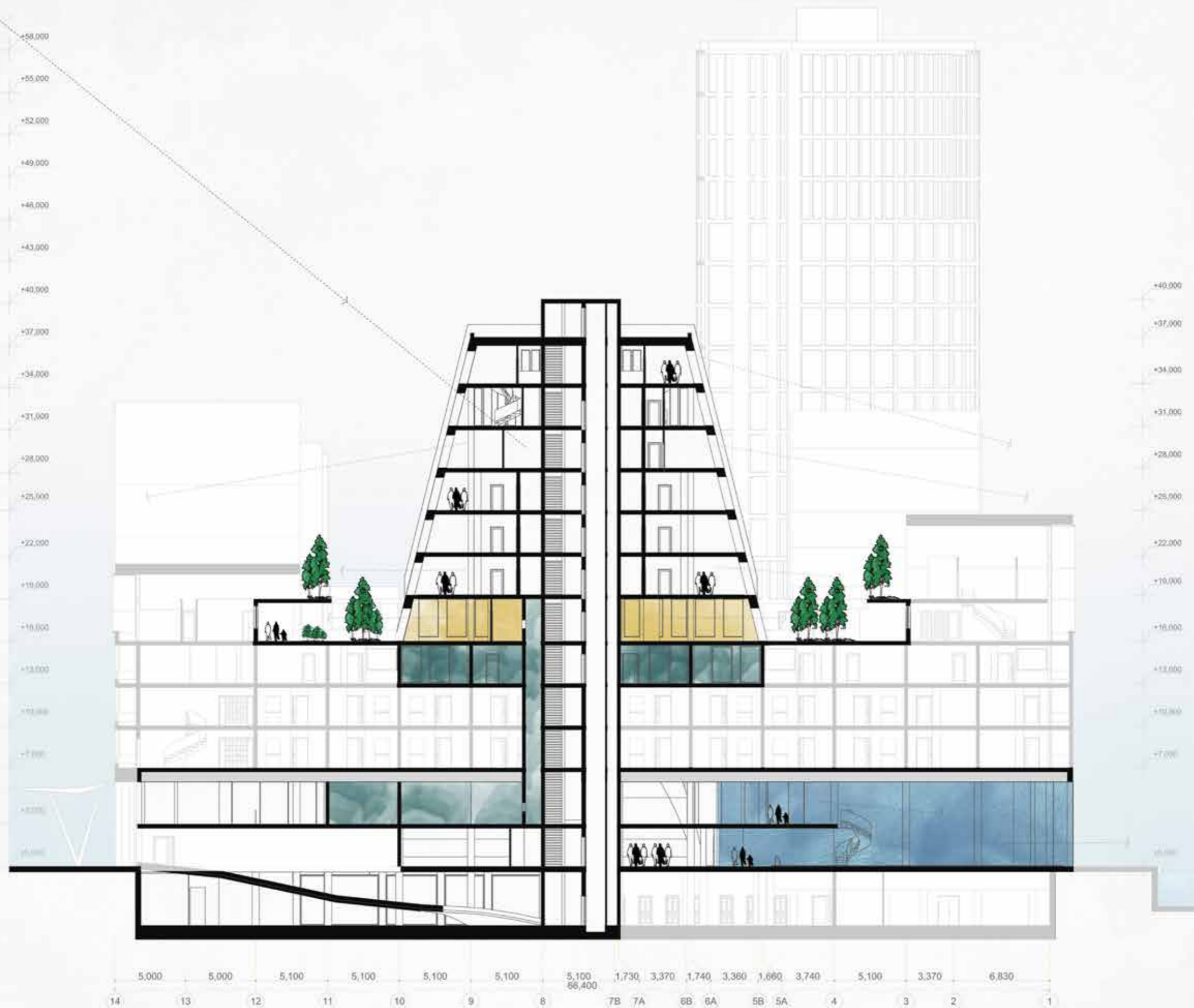


**HOTEL SECTION - COLLECTED**

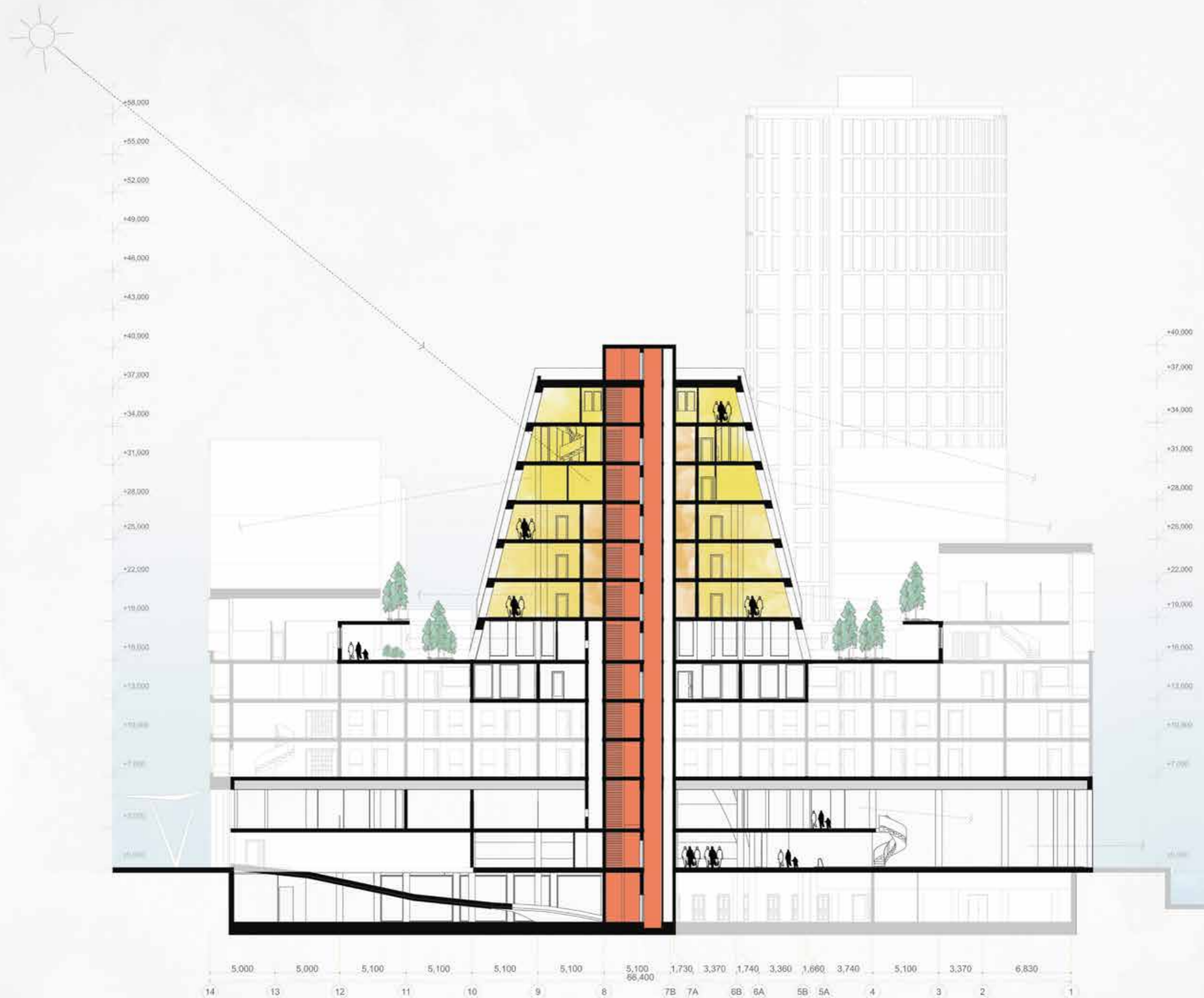




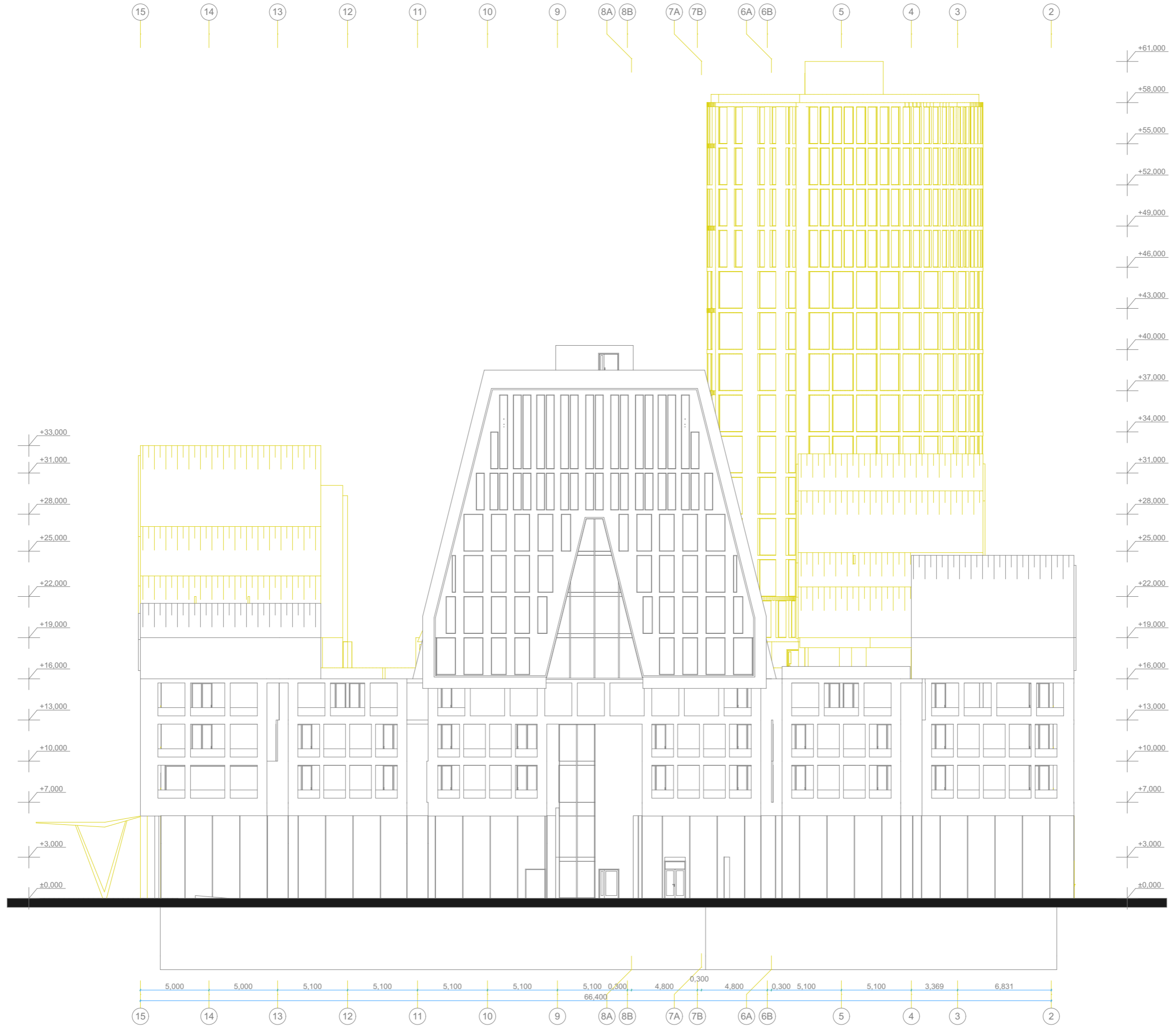
**HOTEL SECTION- CIRCULATION**



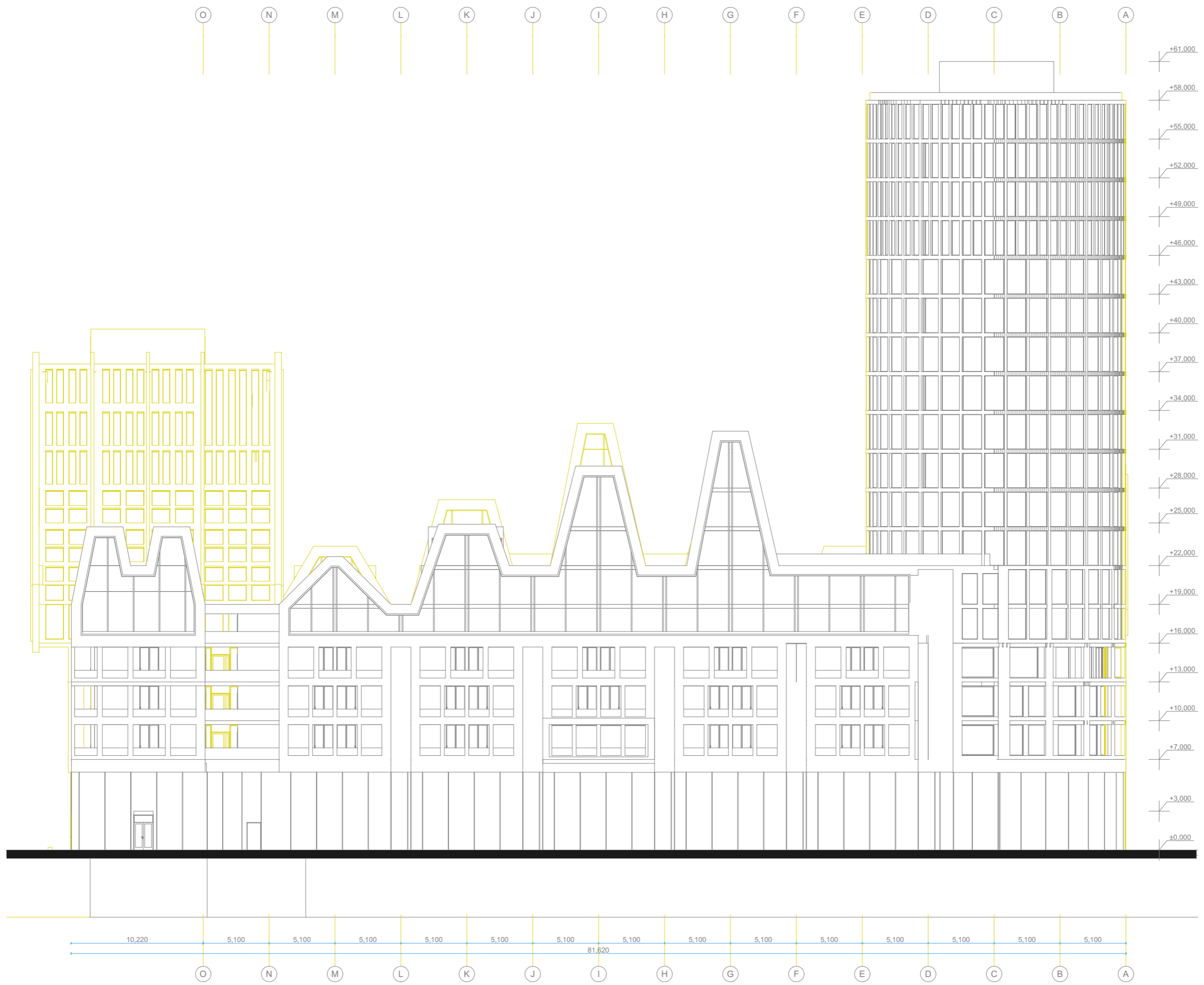
**HOTEL SECTION - COMMUNAL**



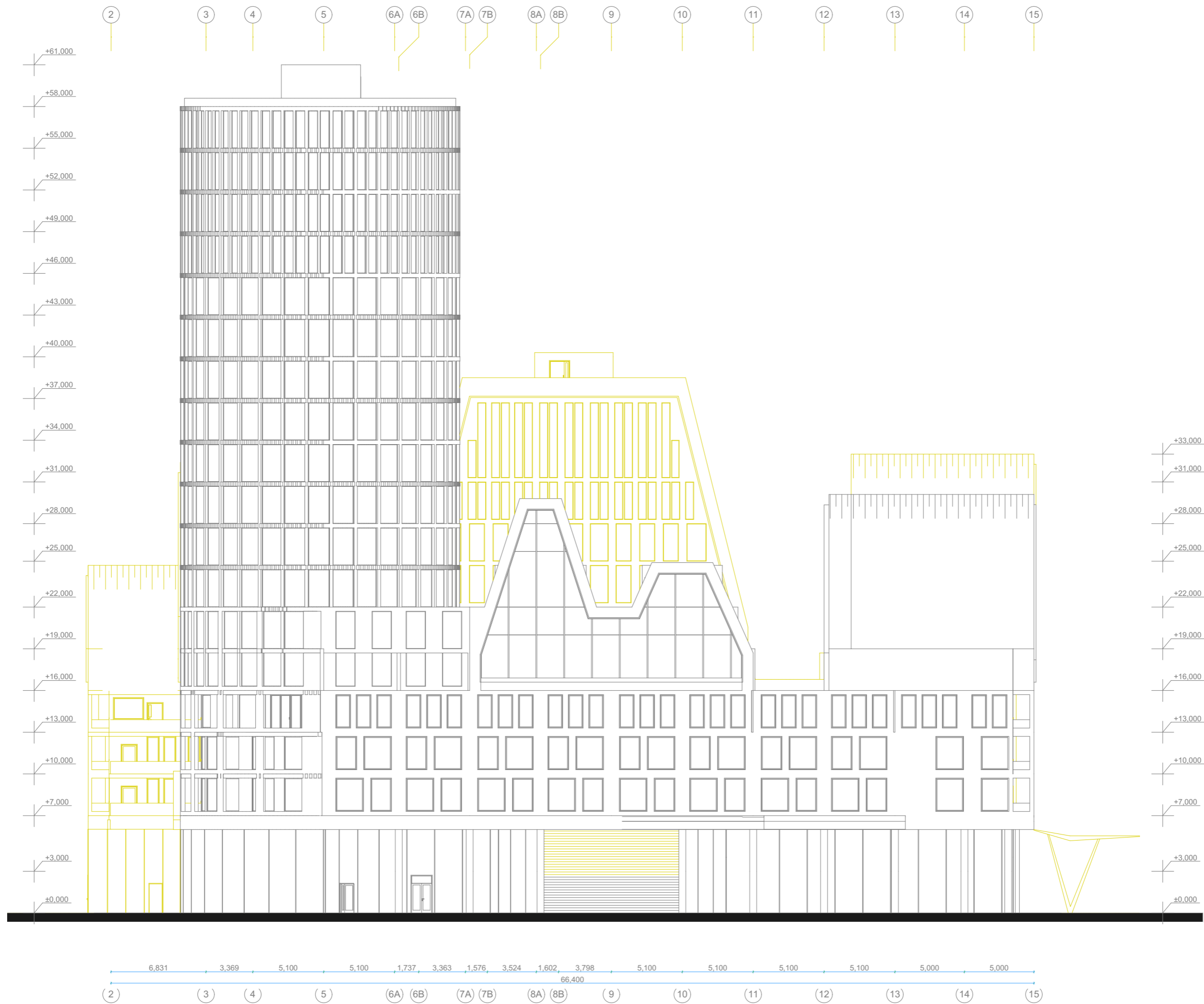
***HOTEL SECTION- ACCOMMODATIONS***



***NORTH FACADE***



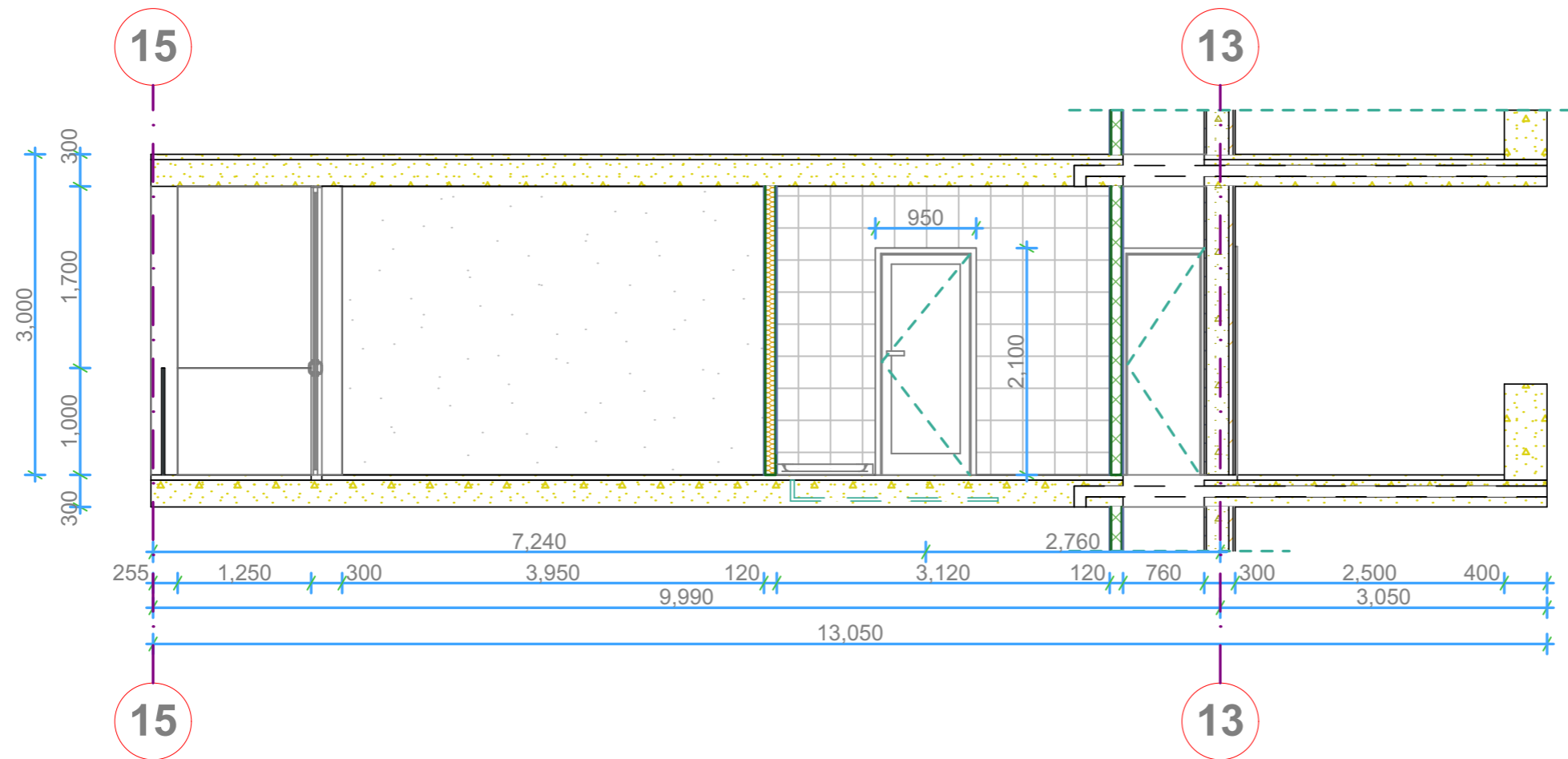
**WEST FACADE**



**SOUTH FACADE**



***EAST FACADE***



**AFFORDABLE UNIT SECTION**

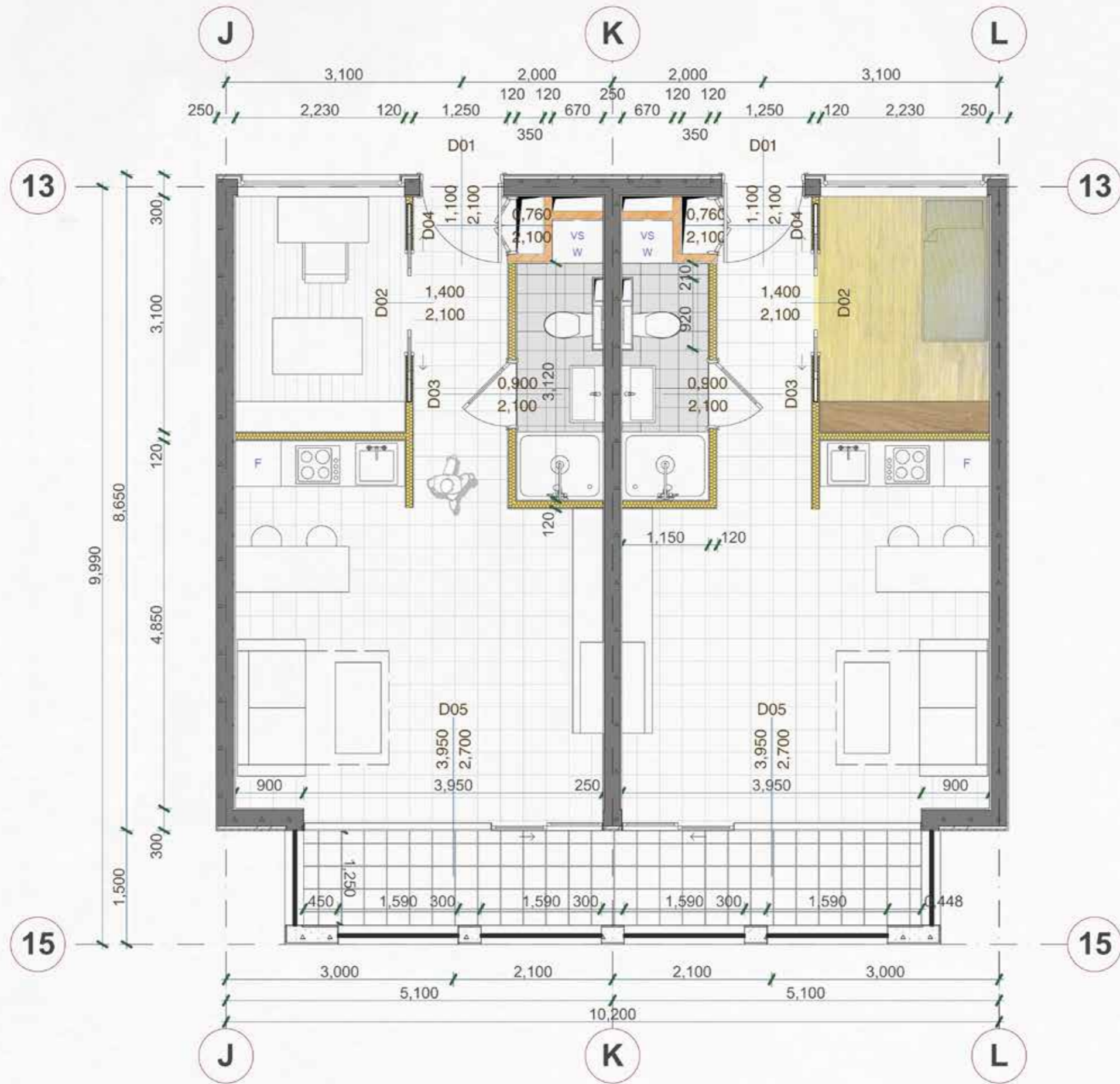




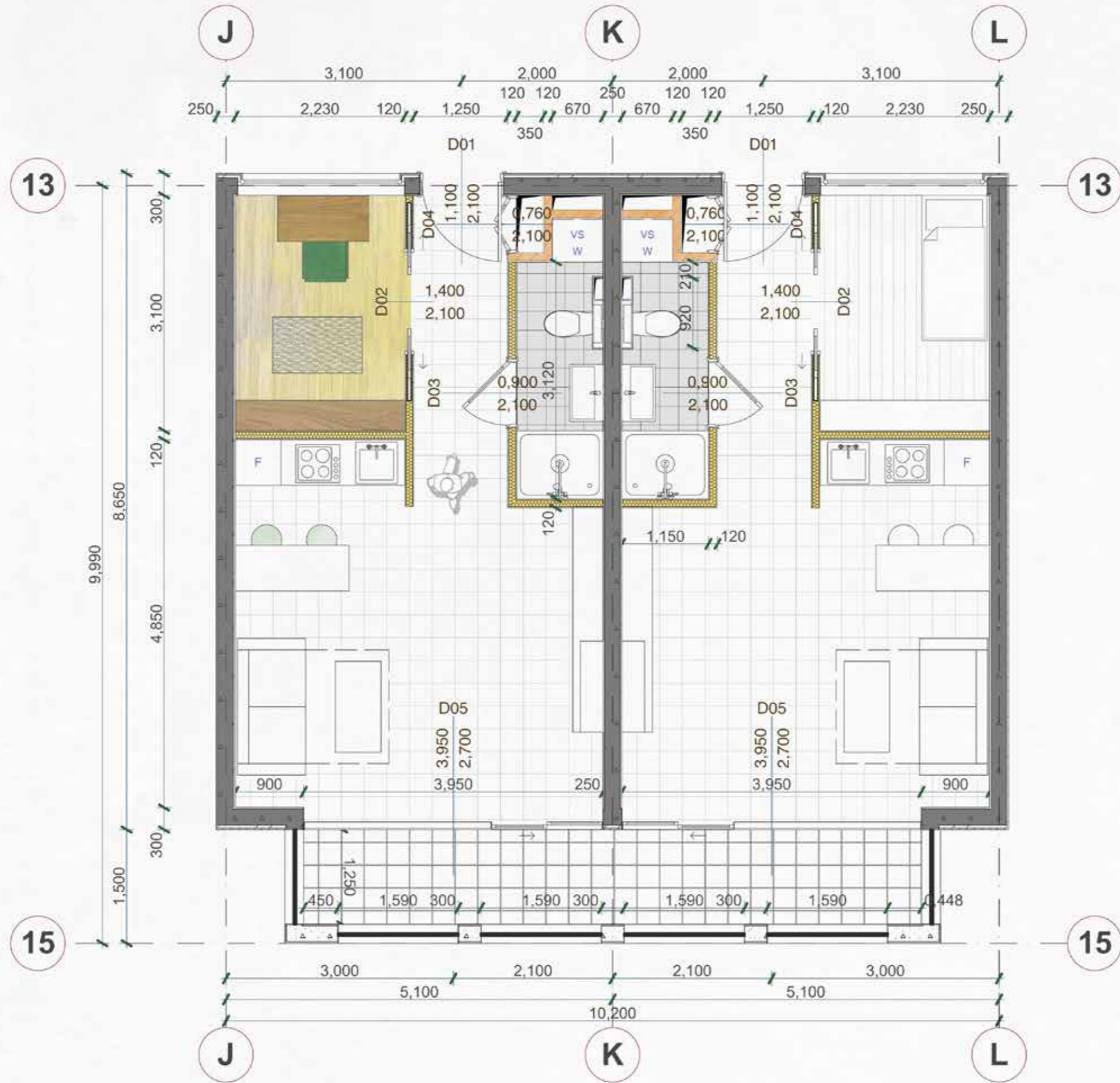
**AFFORDABLE UNIT PLAN - COLLECTED**



**AFFORDABLE UNIT STRUCTURE**



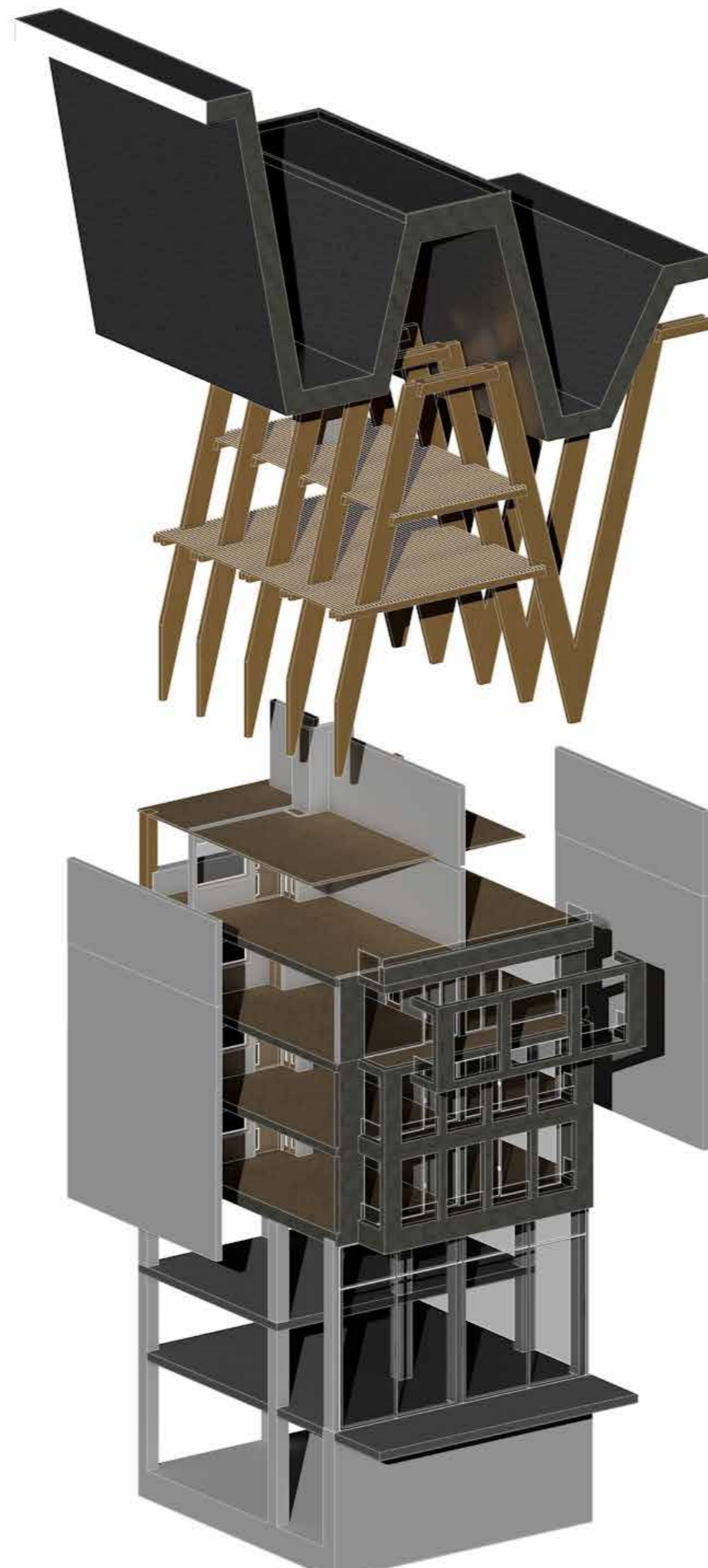
**AFFORDABLE UNIT PLAN - BEDROOM OPTION**



**AFFORDABLE UNIT - STUDY ROOM OPTION**



**AFFORDABLE UNIT LIVING ROOM**



***STRUCTURE ASSEMBLY***

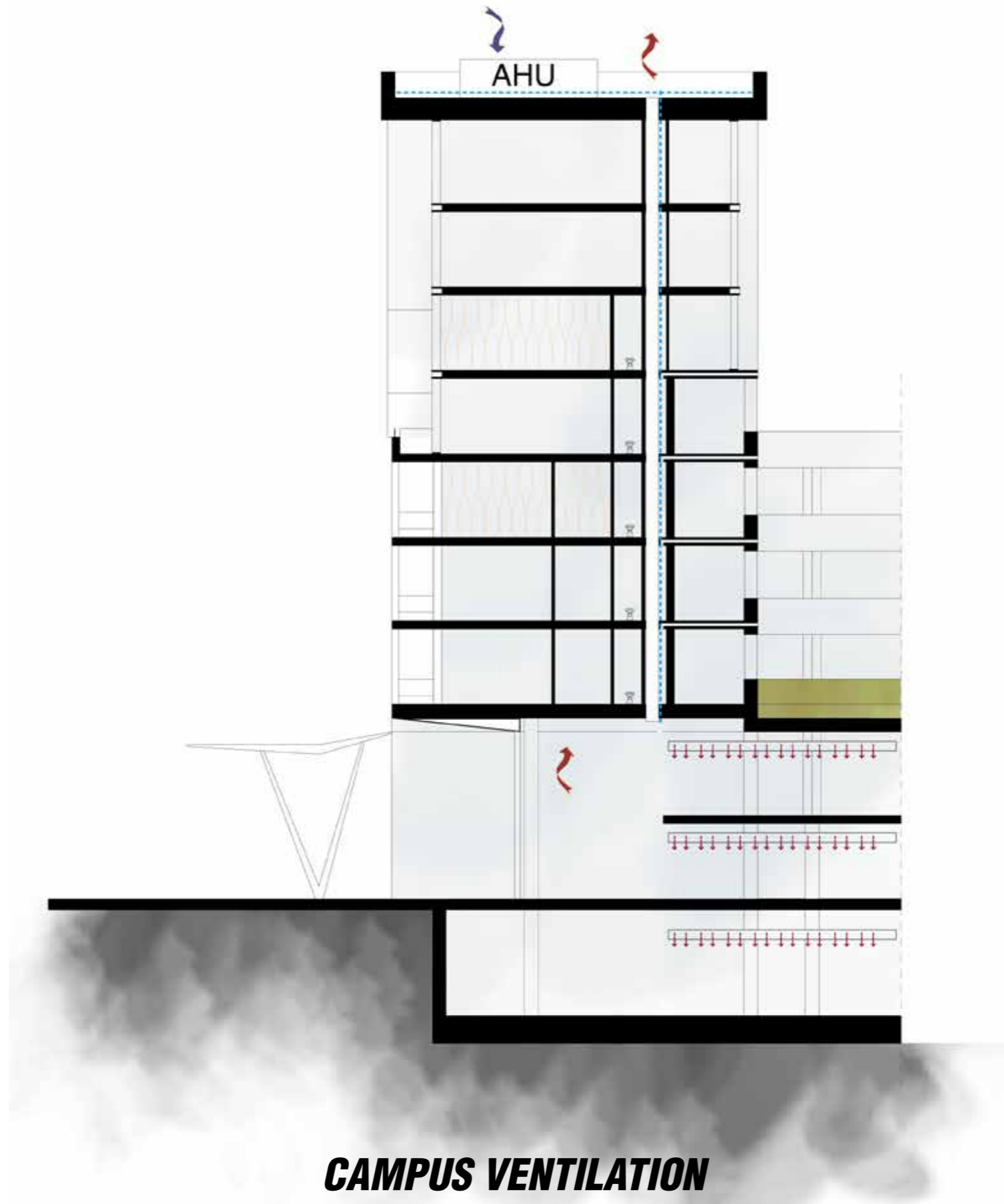


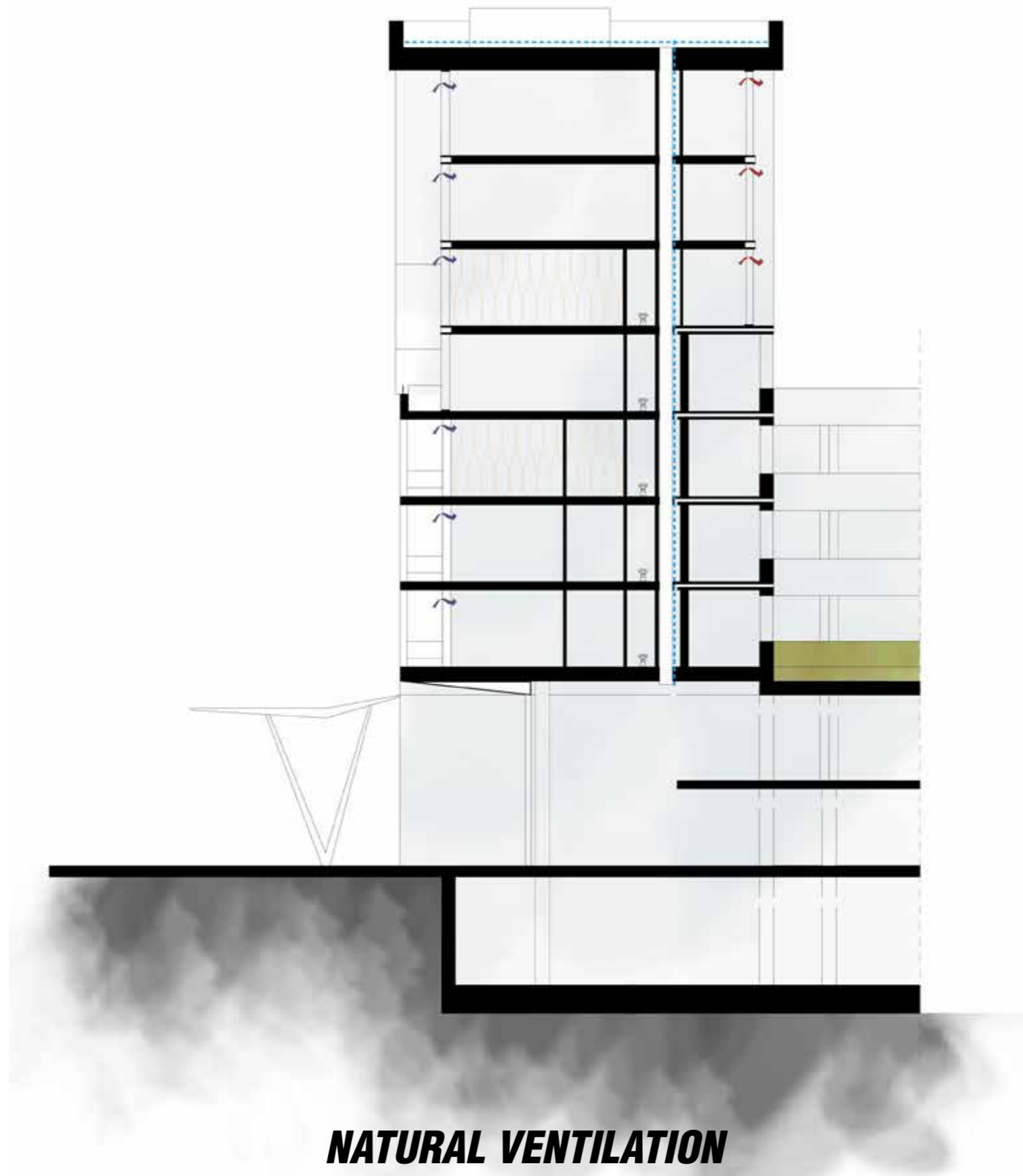
**FACADE FRAGMENT**



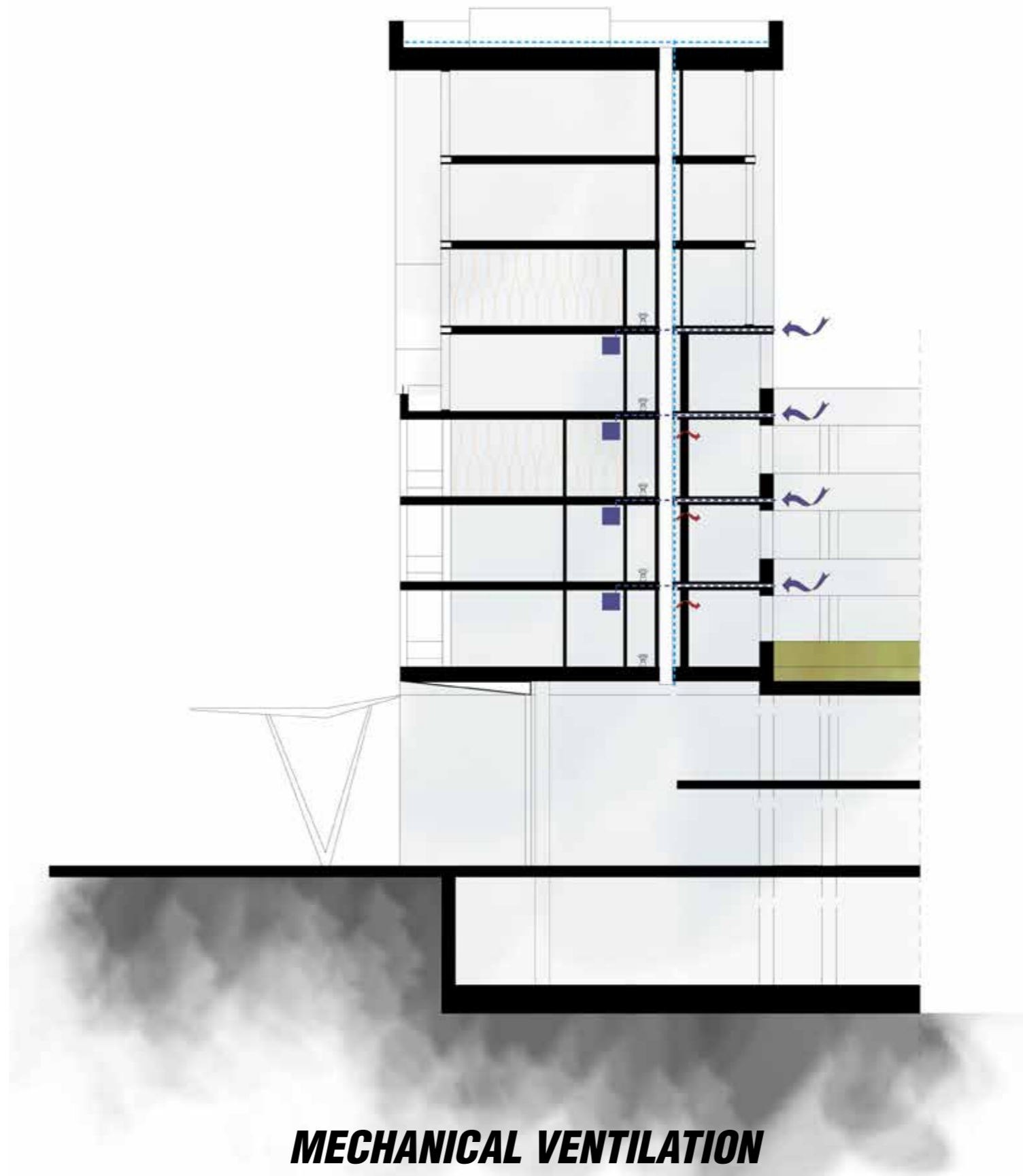
***RAINWATER COLLECTION***



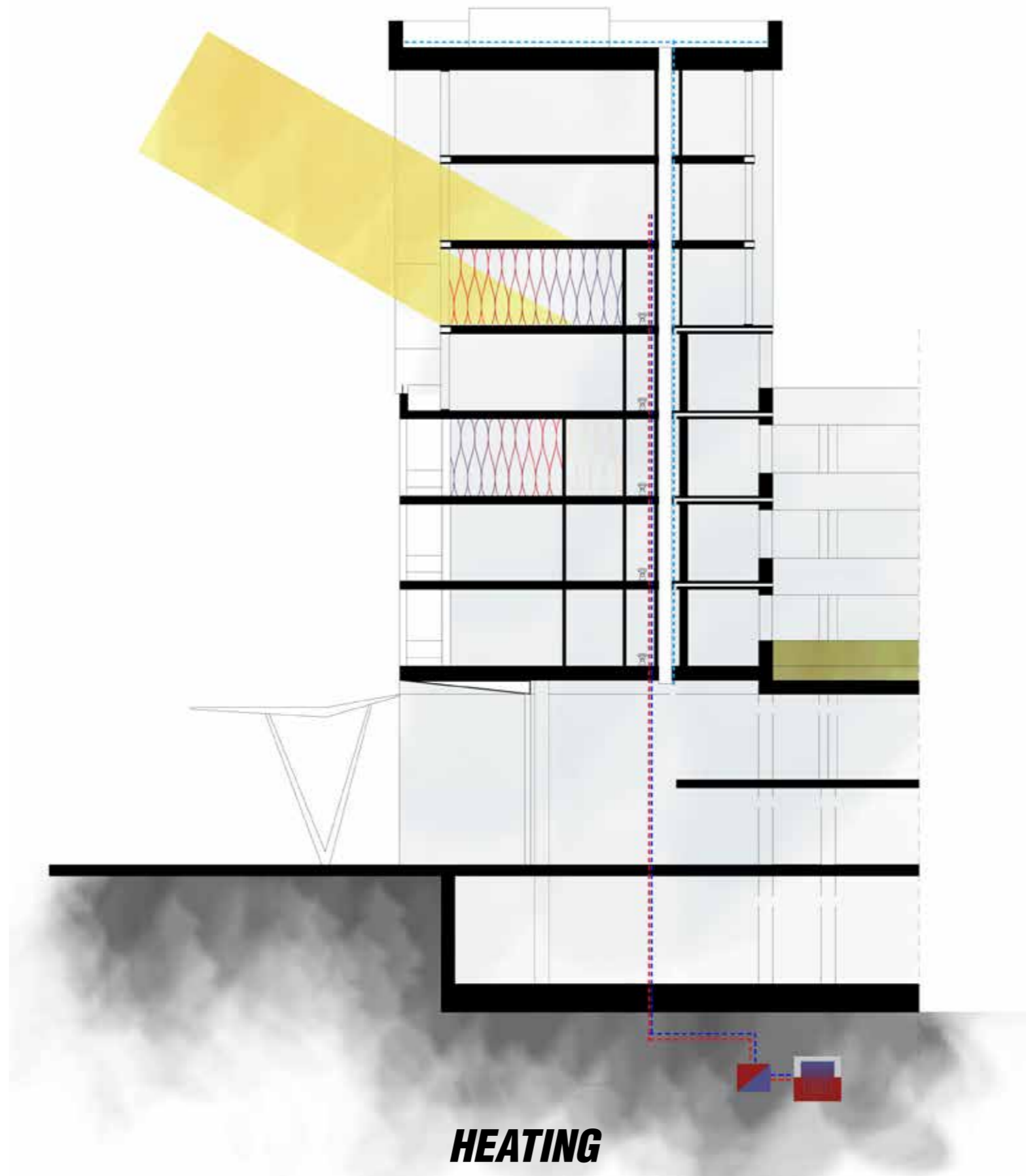


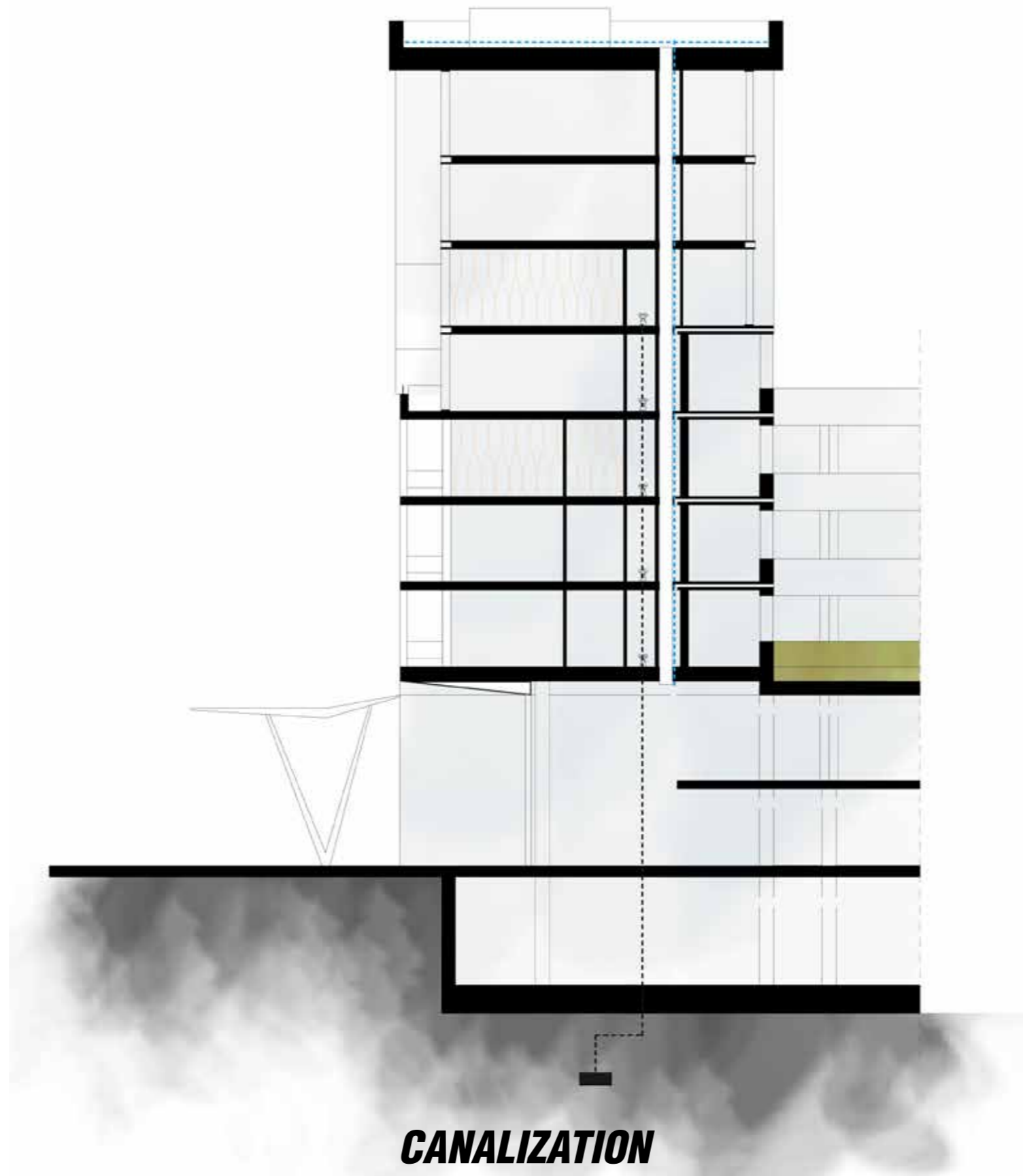


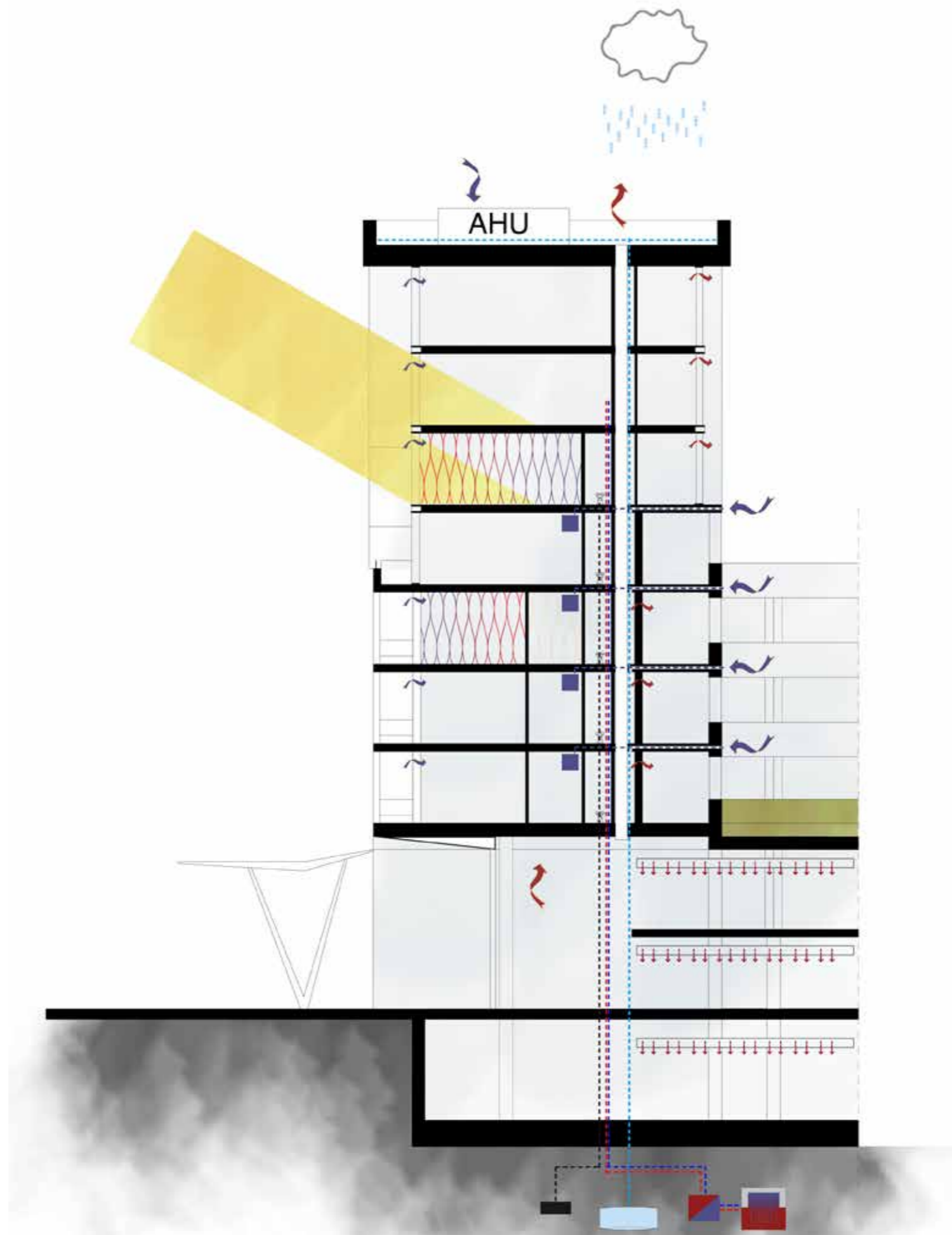
**NATURAL VENTILATION**



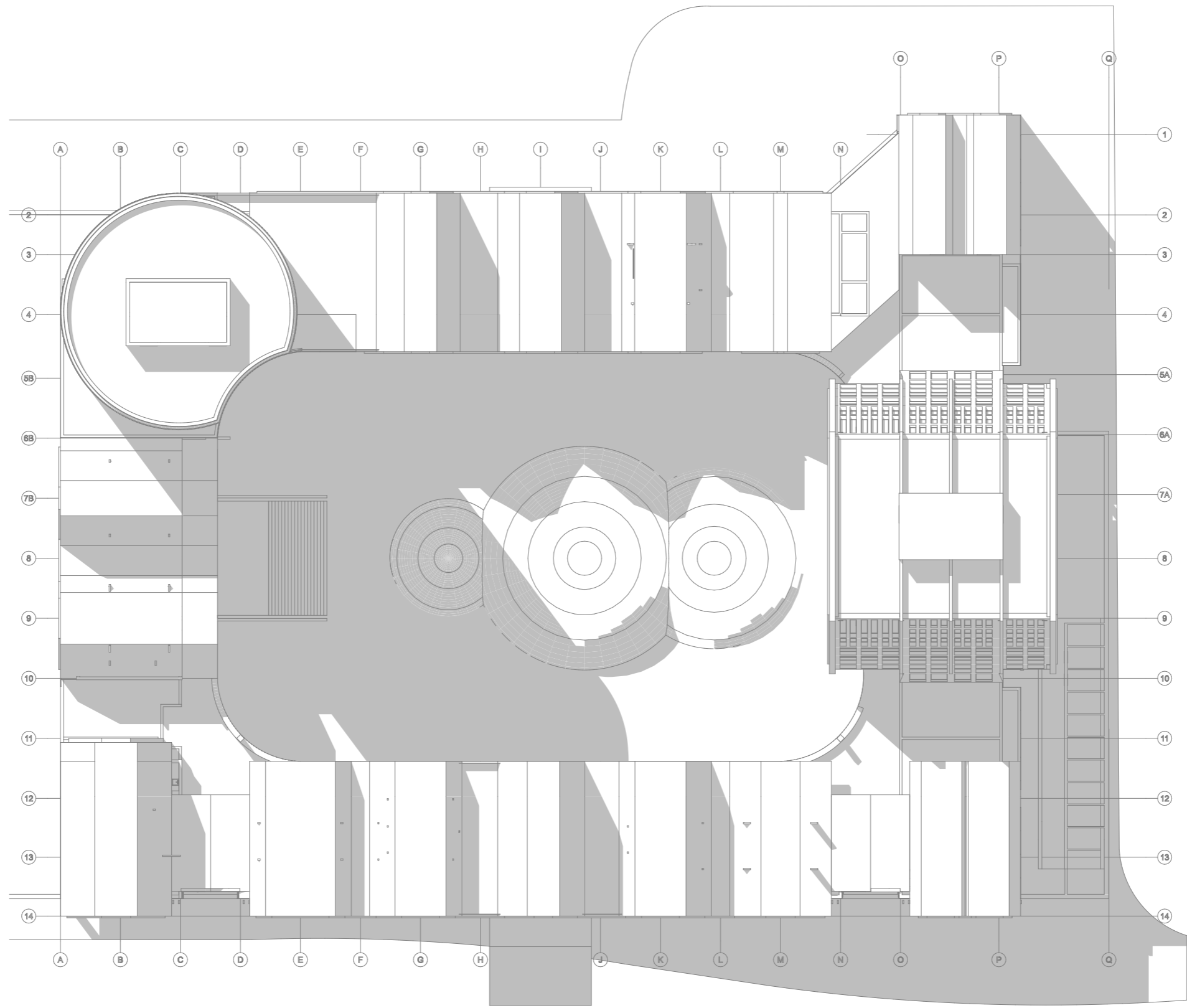
***MECHANICAL VENTILATION***



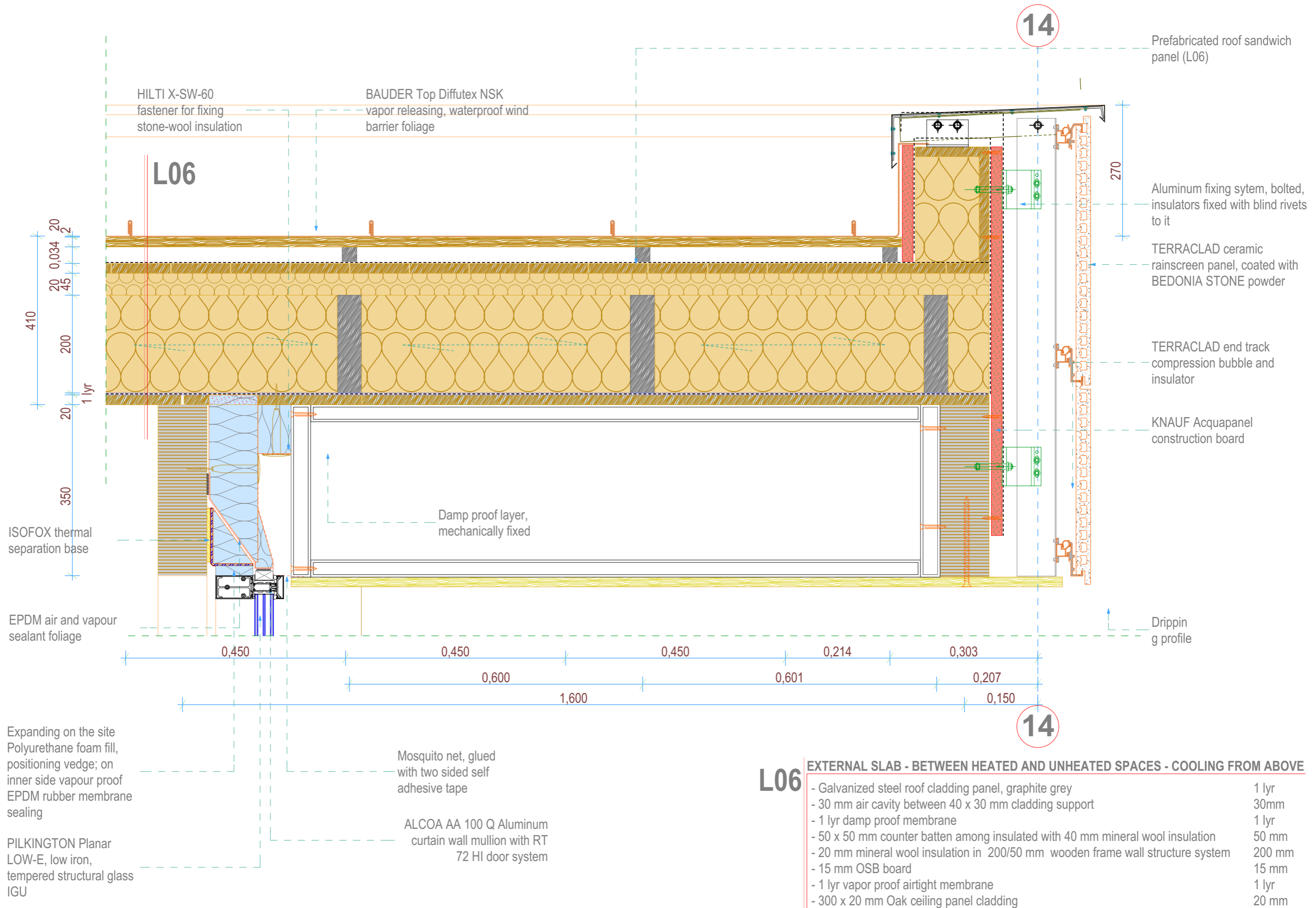




***BUILDING TECHNOLOGY COLLECTED***



**SOLAR EQUINOX SHADOWS**



## ROOF DETAIL



**L04**

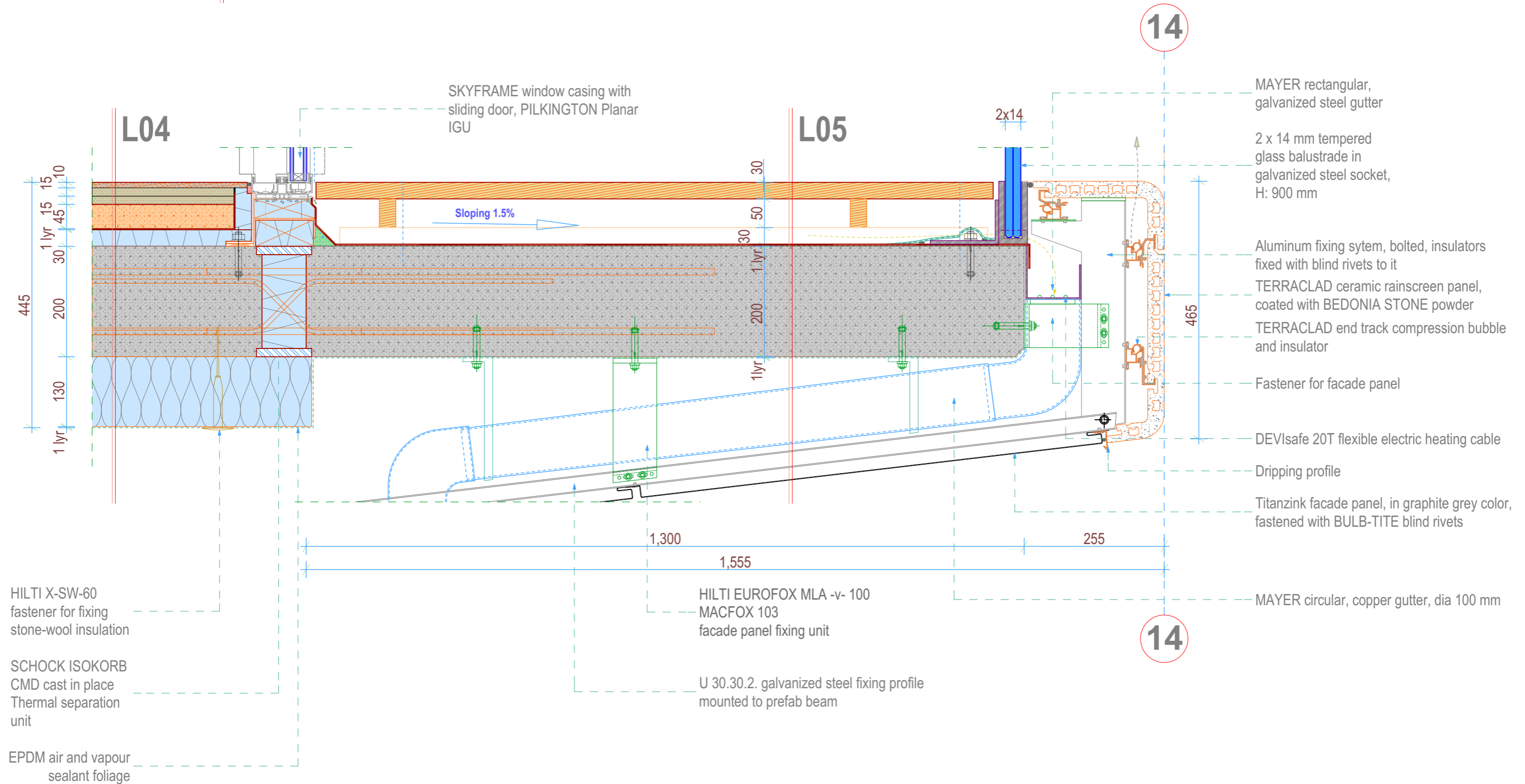
**EXTERNAL SLAB - BETWEEN HEATED AND UNHEATED SPACES - COOLING FROM BELOW**

- 8mm thick 600x600mm ceramic floor tiles laid in glueing mortar 8mm
- Bedding mortar, waterproof 15mm
- Concrete leveling floor screed 15mm
- Blind concrete 45mm
- PE technological foliage, laid with 20cm overlap on edges 1 lyr
- Glasswool step-proof insulation float layer 30mm
- Structural concrete hollow core slab, prefabricated 200mm
- ROCKWOOL stone wool insulation, fixed through wall-plugs 130mm
- Damp proof layer, mechanically fixed 1 lyr

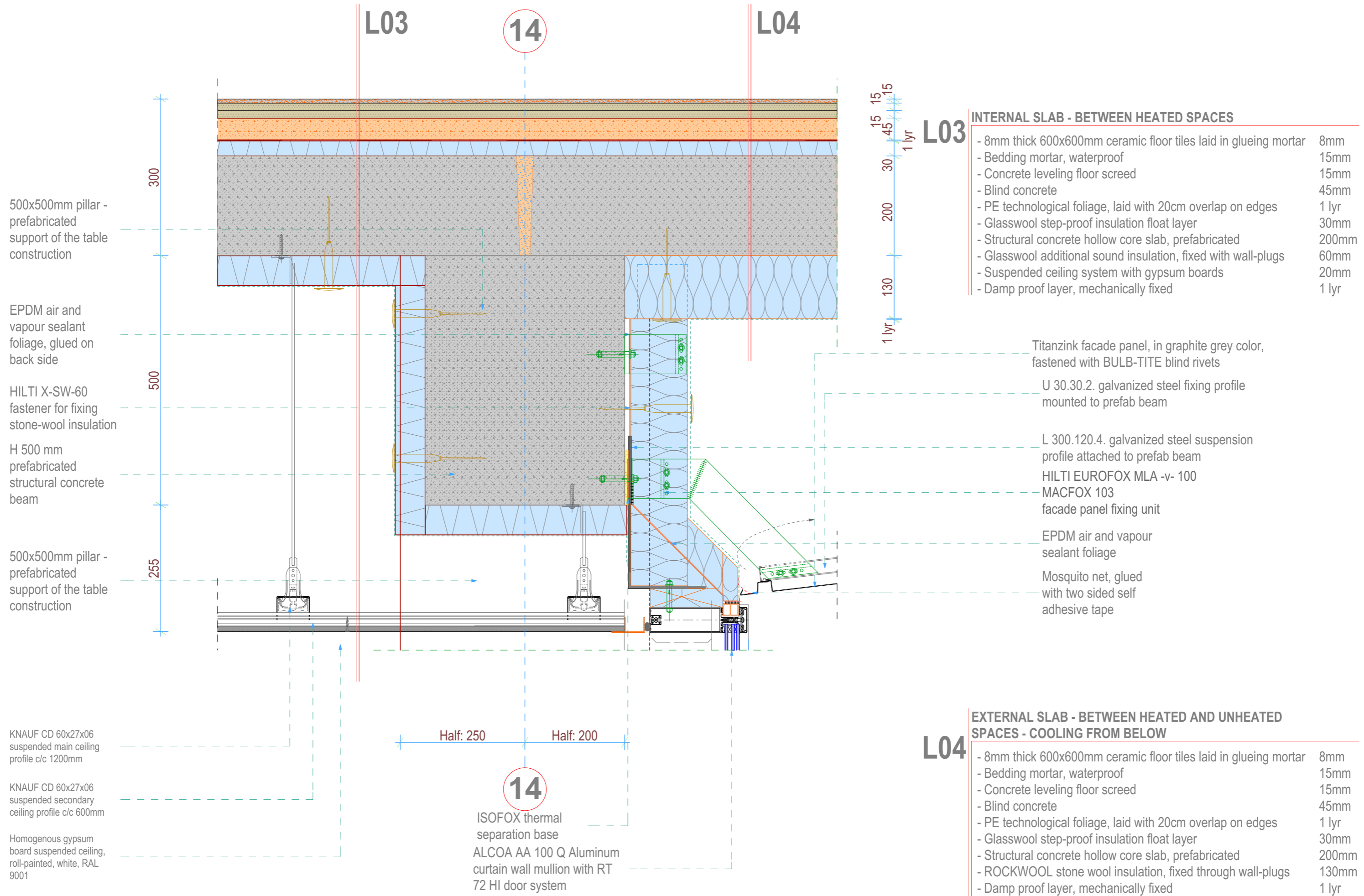
**L05**

**EXTERNAL SLAB - BETWEEN UNHEATED SPACES**

- 200 x 30 mm oak floorboards, lacueur finished, polished matte 30mm
- 50 x 30 mm fir batten for oakboard fixing 50mm
- 30 x 30 mm hollow Aluminum profile counterbatten 30mm
- Waterproofing layer, mechanically fixed 1 lyr
- PE technological foliage, laid with 20cm overlap on edges 1 lyr
- Structural concrete slab 200mm
- ROCKWOOL stone wool insulation, fixed through wall-plugs 130mm
- waterproofing layer, mechanically fixed 1 lyr



**BALCONY DETAIL**



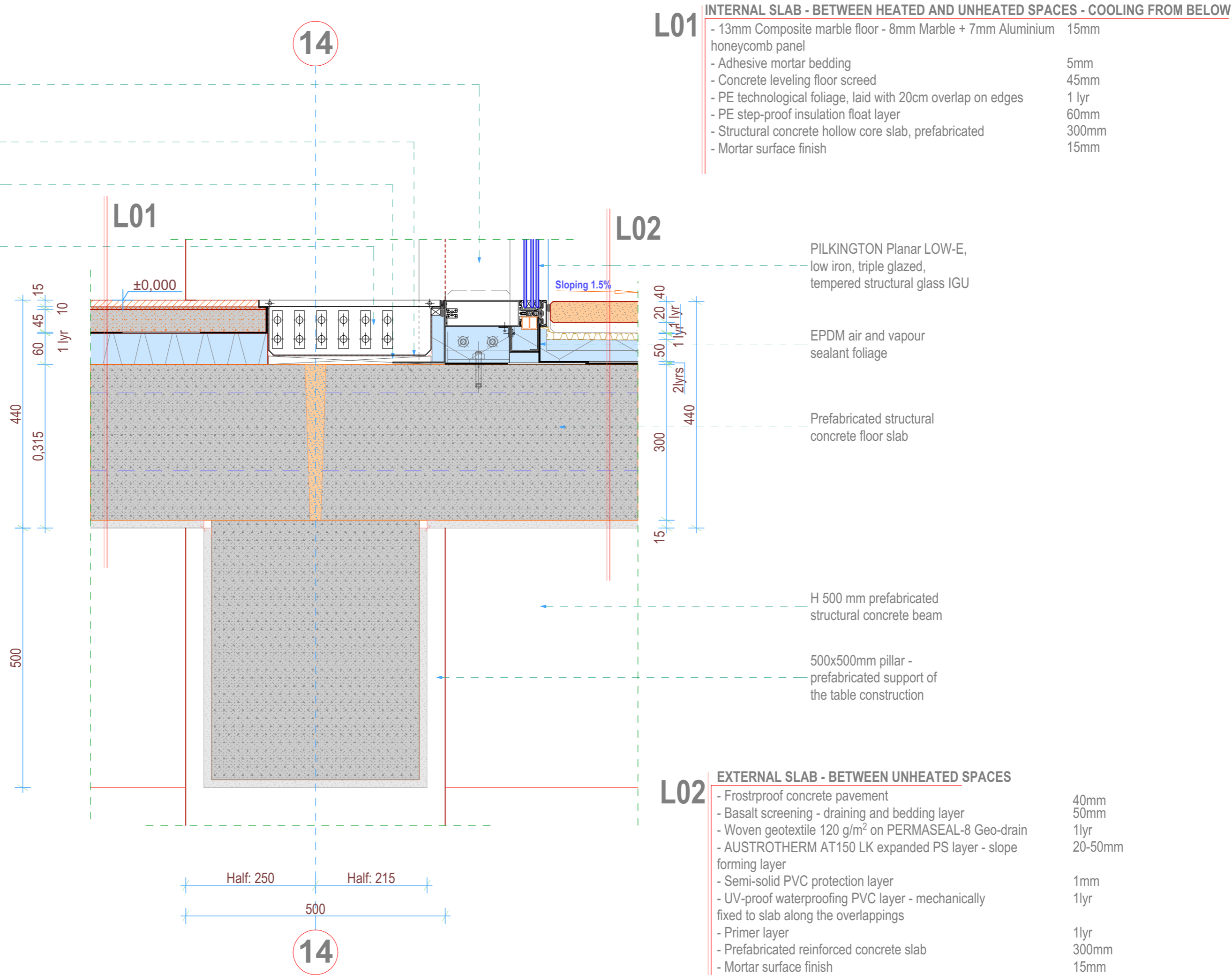
## CURTAIN WALL TOP DETAIL

ALCOA AA 100 Q Aluminum curtain wall mullion with RT 72 HI door system

Heat reflexive Aluminum foliage, glued with double sided glue tape

PURENIT RG30 base

THERMOTECH PK-750 floor radiator with eloxated Aluminum mesh to and galvanized steel-plate gutter



- L01 INTERNAL SLAB - BETWEEN HEATED AND UNHEATED SPACES - COOLING FROM BELOW**
- 13mm Composite marble floor - 8mm Marble + 7mm Aluminium honeycomb panel 15mm
  - Adhesive mortar bedding 5mm
  - Concrete leveling floor screed 45mm
  - PE technological foliage, laid with 20cm overlap on edges 1 lyr
  - PE step-proof insulation float layer 60mm
  - Structural concrete hollow core slab, prefabricated 300mm
  - Mortar surface finish 15mm

PILKINGTON Planar LOW-E, low iron, triple glazed, tempered structural glass IGU

EPDM air and vapour sealant foliage

Prefabricated structural concrete floor slab

H 500 mm prefabricated structural concrete beam

500x500mm pillar - prefabricated support of the table construction

- L02 EXTERNAL SLAB - BETWEEN UNHEATED SPACES**
- Frostrproof concrete pavement 40mm
  - Basalt screening - draining and bedding layer 50mm
  - Woven geotextile 120 g/m<sup>2</sup> on PERMASEAL-8 Geo-drain 1lyr
  - AUSTROTHERM AT150 LK expanded PS layer - slope forming layer 20-50mm
  - Semi-solid PVC protection layer 1mm
  - UV-proof waterproofing PVC layer - mechanically fixed to slab along the overlappings 1lyr
  - Primer layer 1lyr
  - Prefabricated reinforced concrete slab 300mm
  - Mortar surface finish 15mm

**CURTAIN WALL BASE DETAIL**



***MARNIXSTRAAT IMPRESSION***



***WATERFRONT IMPRESSION***



***WATERFRONT IMPRESSION***



***AFFORDABLE UNIT IMPRESSION***



***FAMILY UNIT IMPRESSION***



