

June 15, 2022

# THE GRAND THEATRE QUARTER

EXPERIENCING PUBLIC SPACE, BEING INSPIRED BY CULTURE

by Matteo Tiraboschi

DRAWING SET

AR3CP100 Complex Projects Graduation Studio (2021/22)



complex  projects

2021/2022

**COMPLEX PROJECTS**

Beirut Studio

**AR3CP100**

**student**

Matteo Tiraboschi

**chair**

Kees Kaan

**CP coordinator**

Manuela Triggianese

**lab coordinator**

Hrvoje Smidihen

**main tutors**

Olindo Caso

Hubert van der Meel

Marija Mateljan

**e-mail**

infocpstudios@gmail.com

**instagram**

[www.instagram.com/cp.complexprojects/](https://www.instagram.com/cp.complexprojects/)

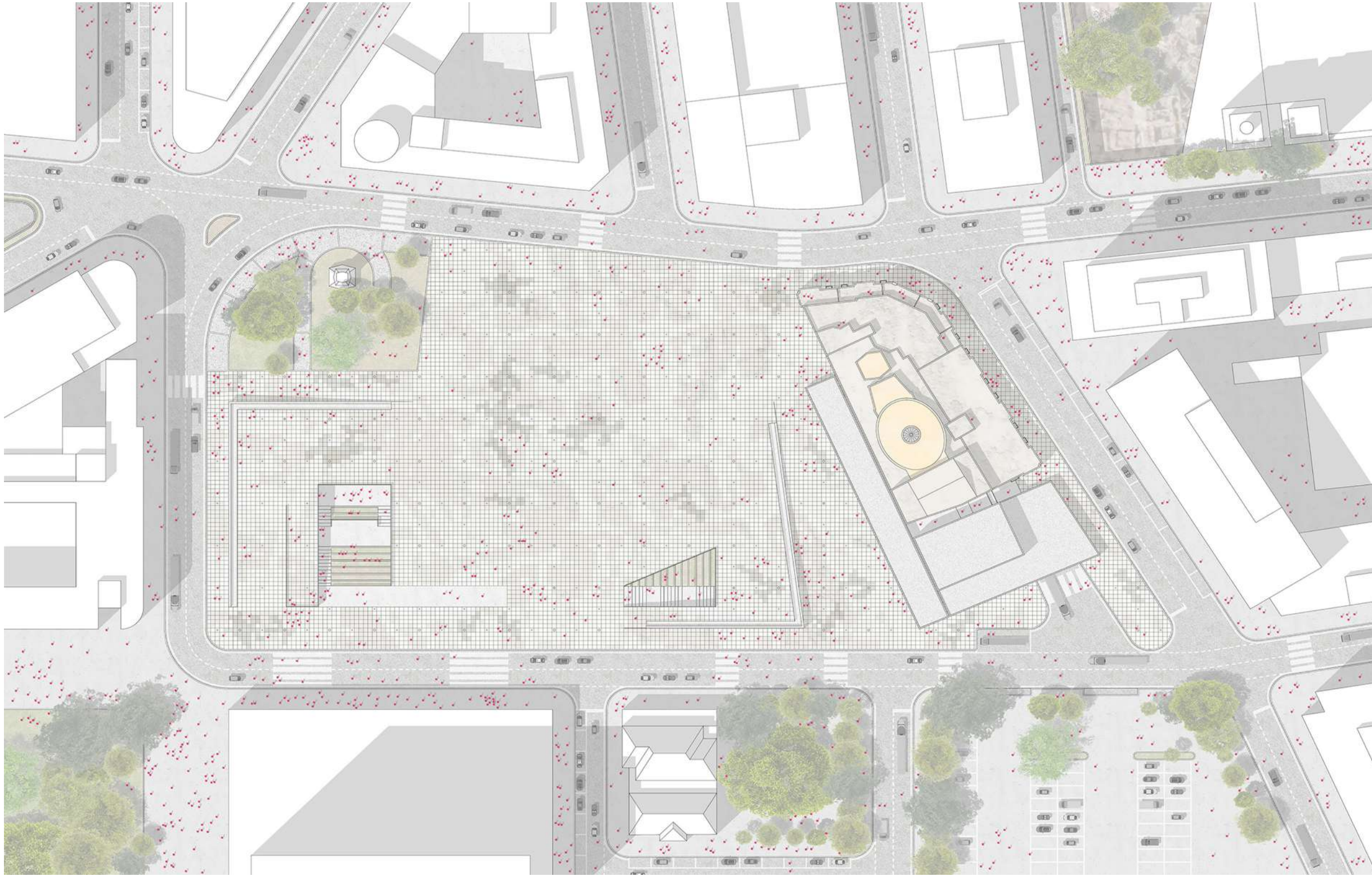
**website**

[www.tudelft.nl/bk/over-faculteit/afdelingen/architecture/organisatie/disciplines/complex-projects/](http://www.tudelft.nl/bk/over-faculteit/afdelingen/architecture/organisatie/disciplines/complex-projects/)

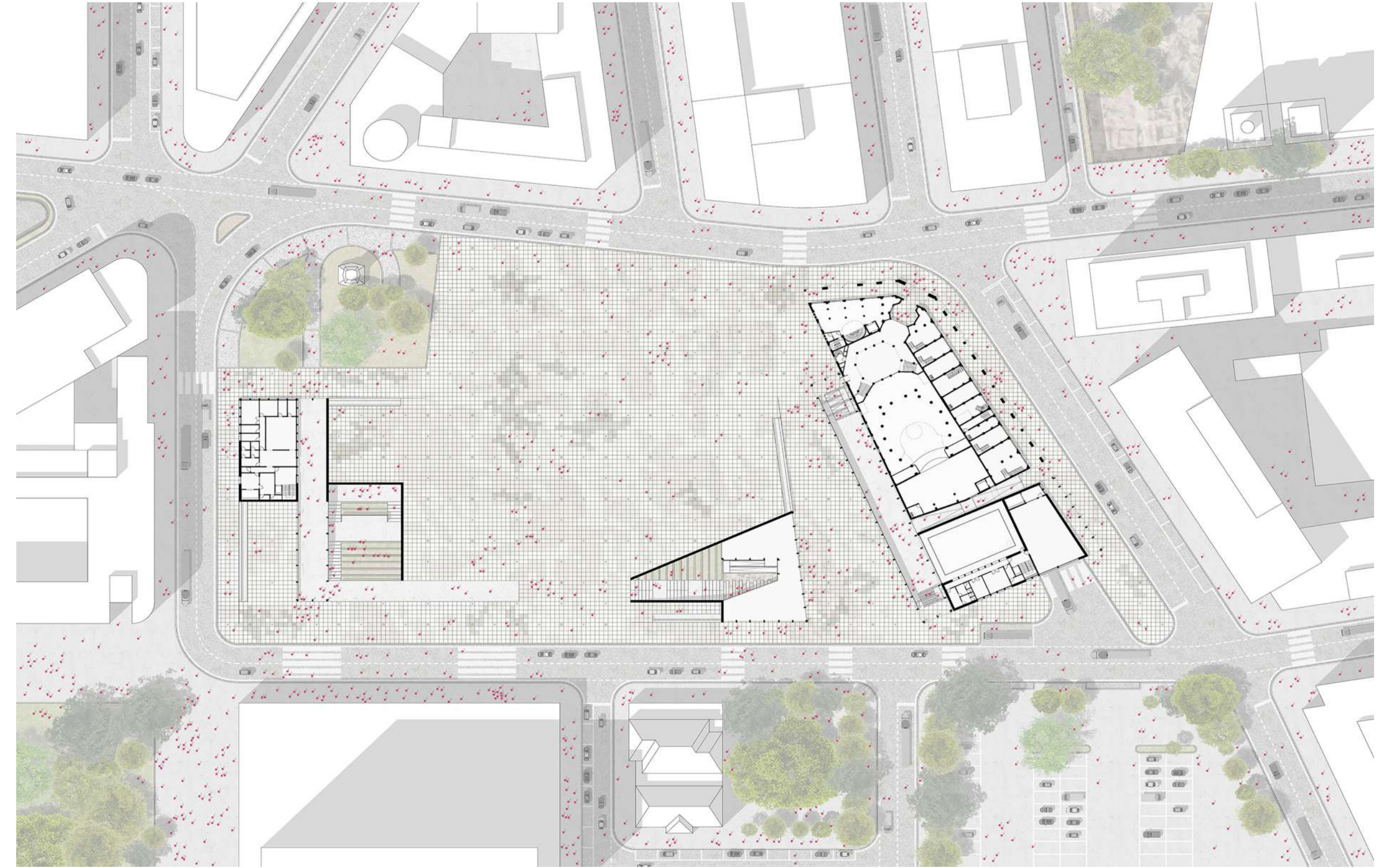
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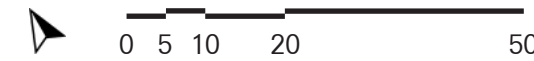
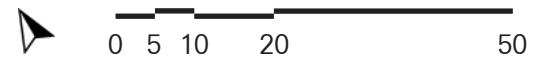




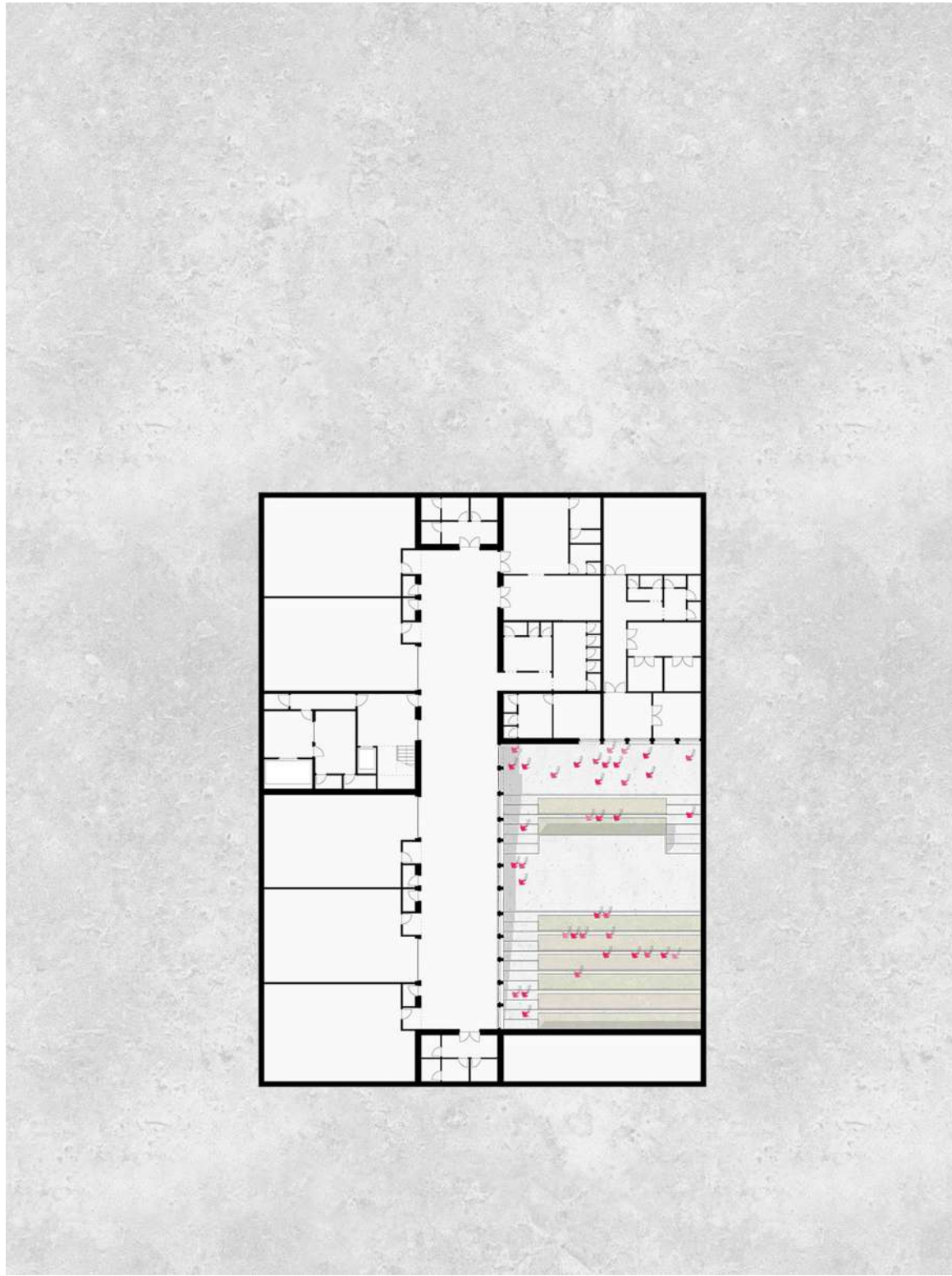
roof floor plan



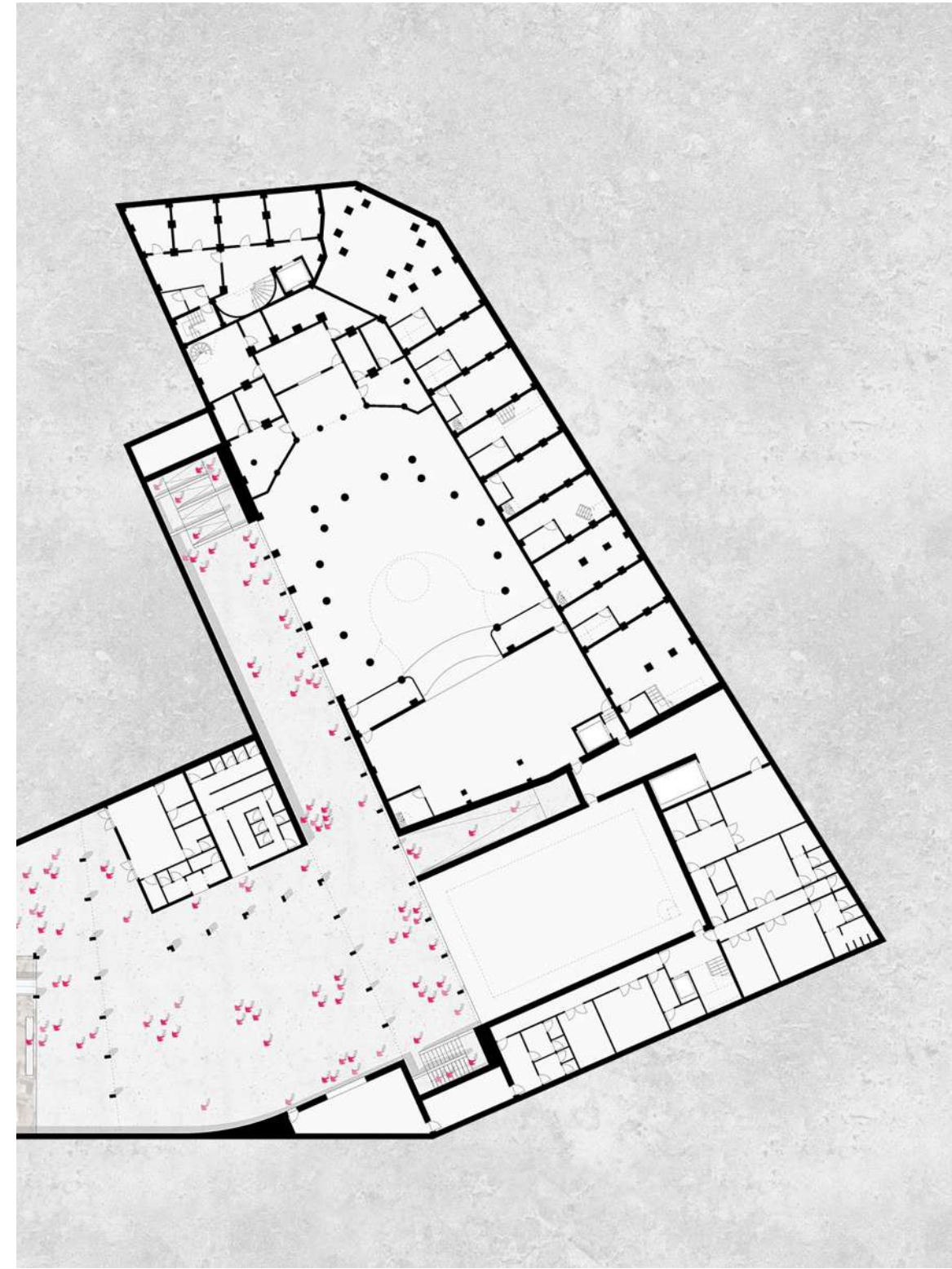
ground floor plan



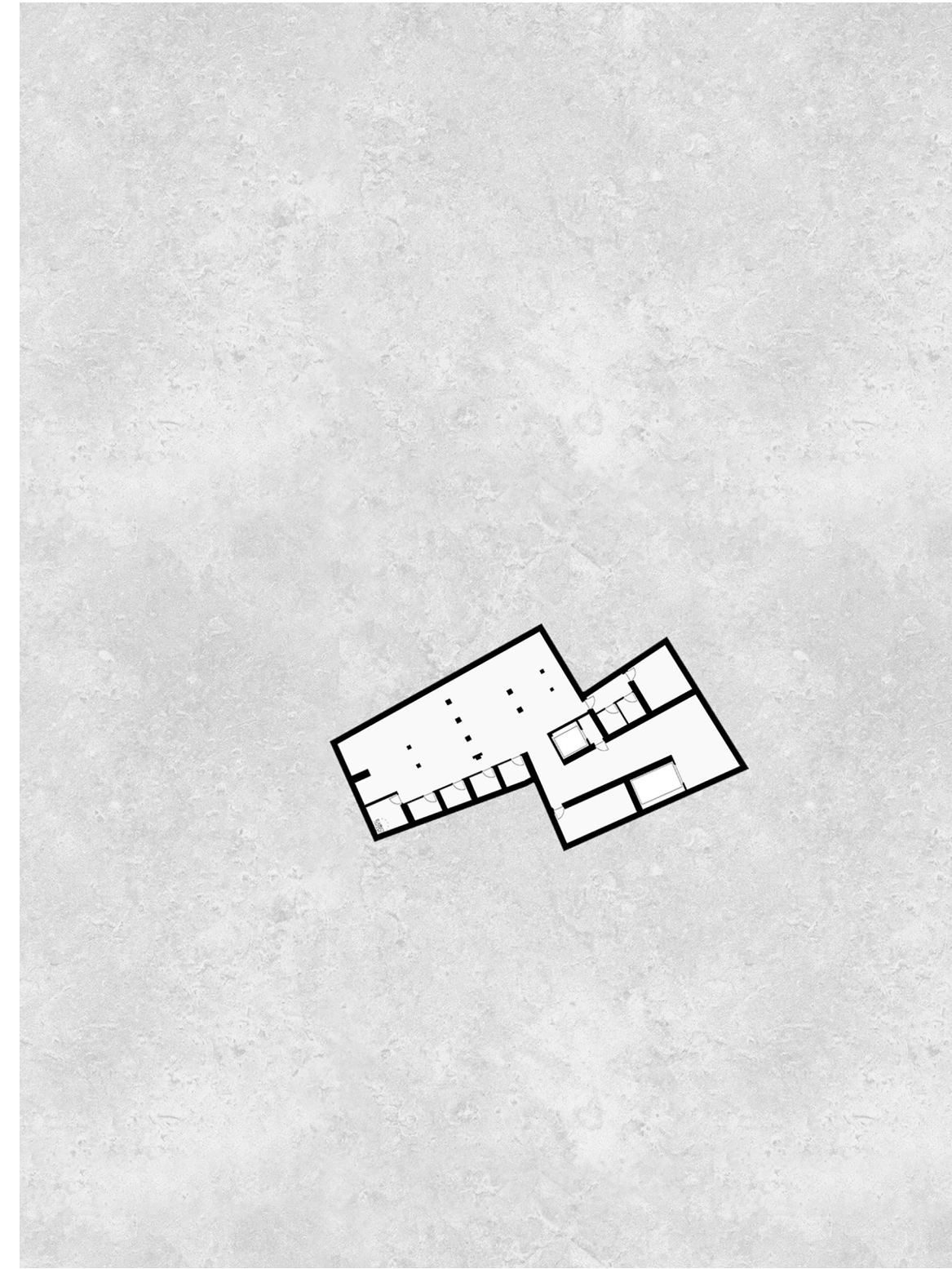




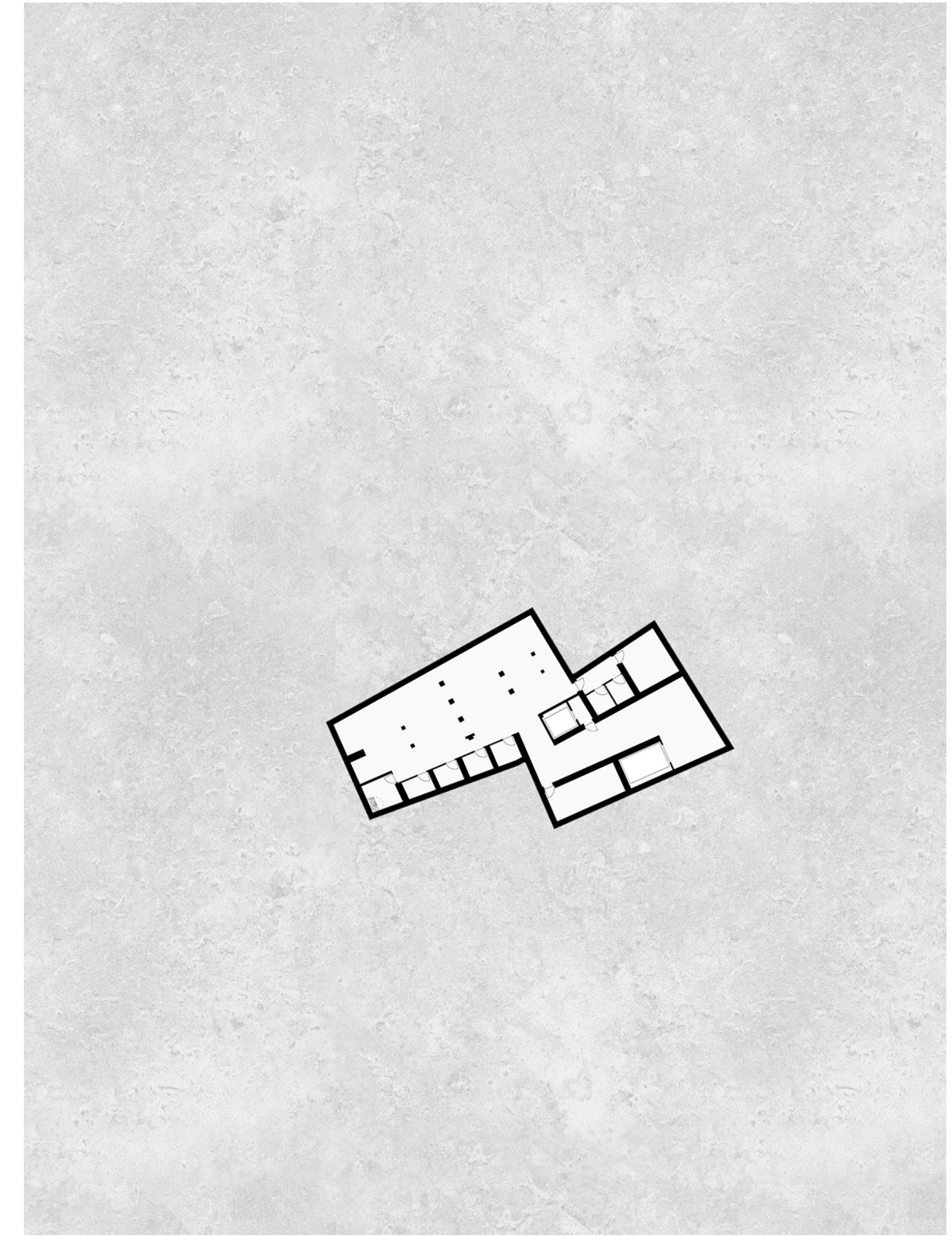
first underground floor plan



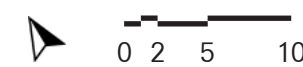
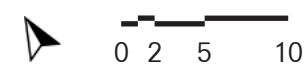
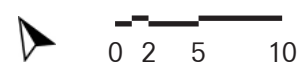
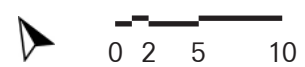
first underground floor plan



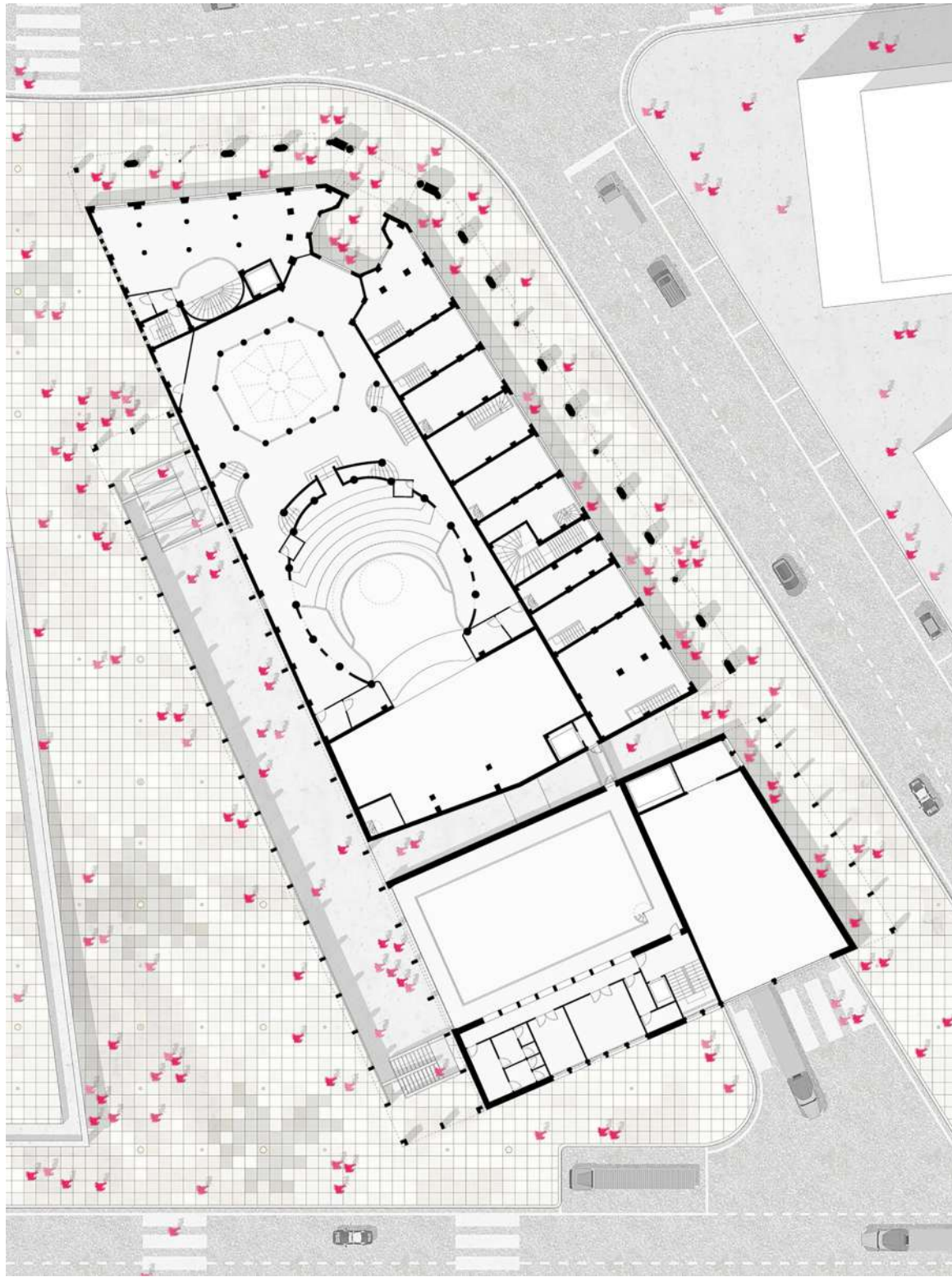
second underground floor plan



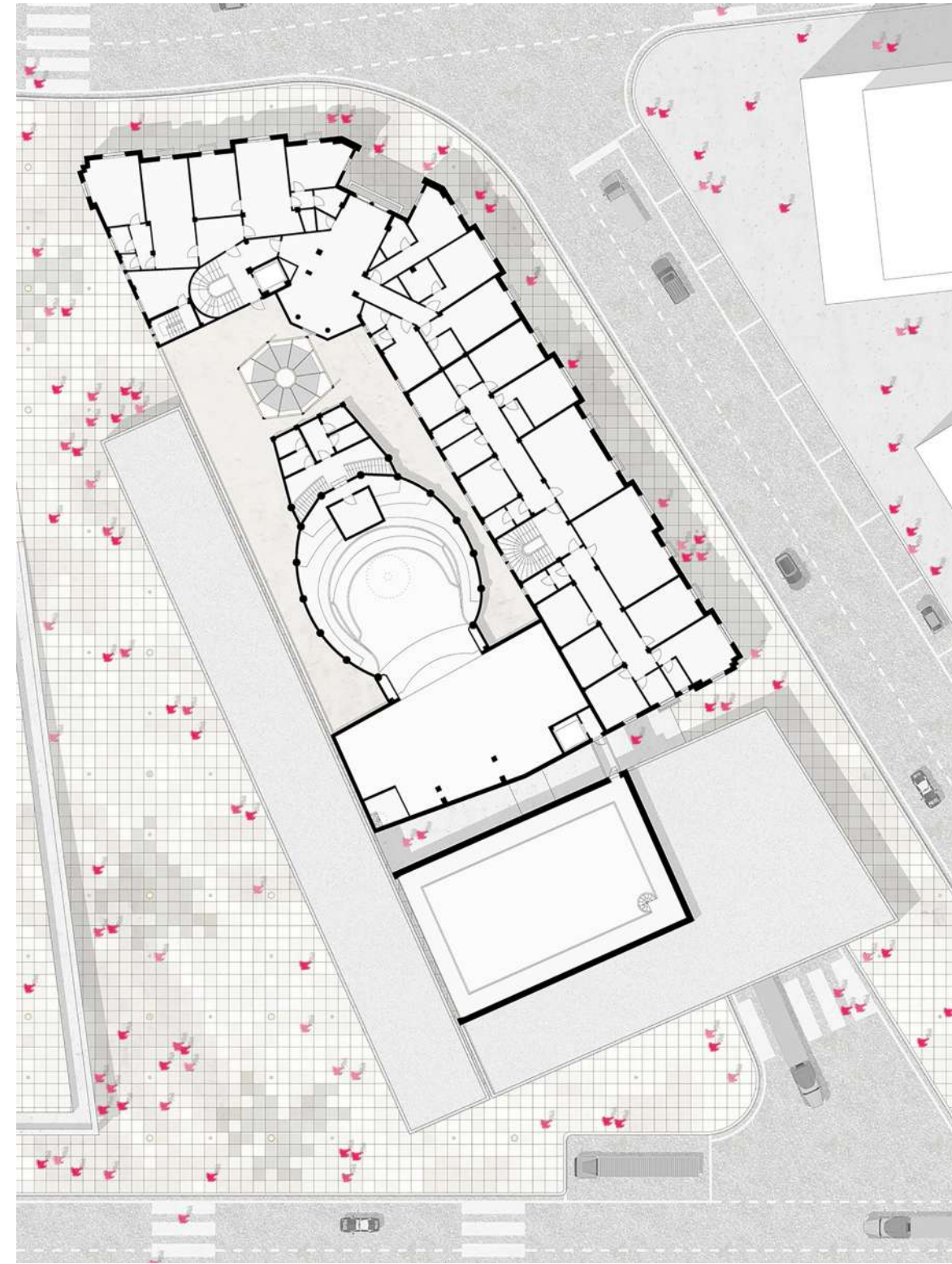
third underground floor plan



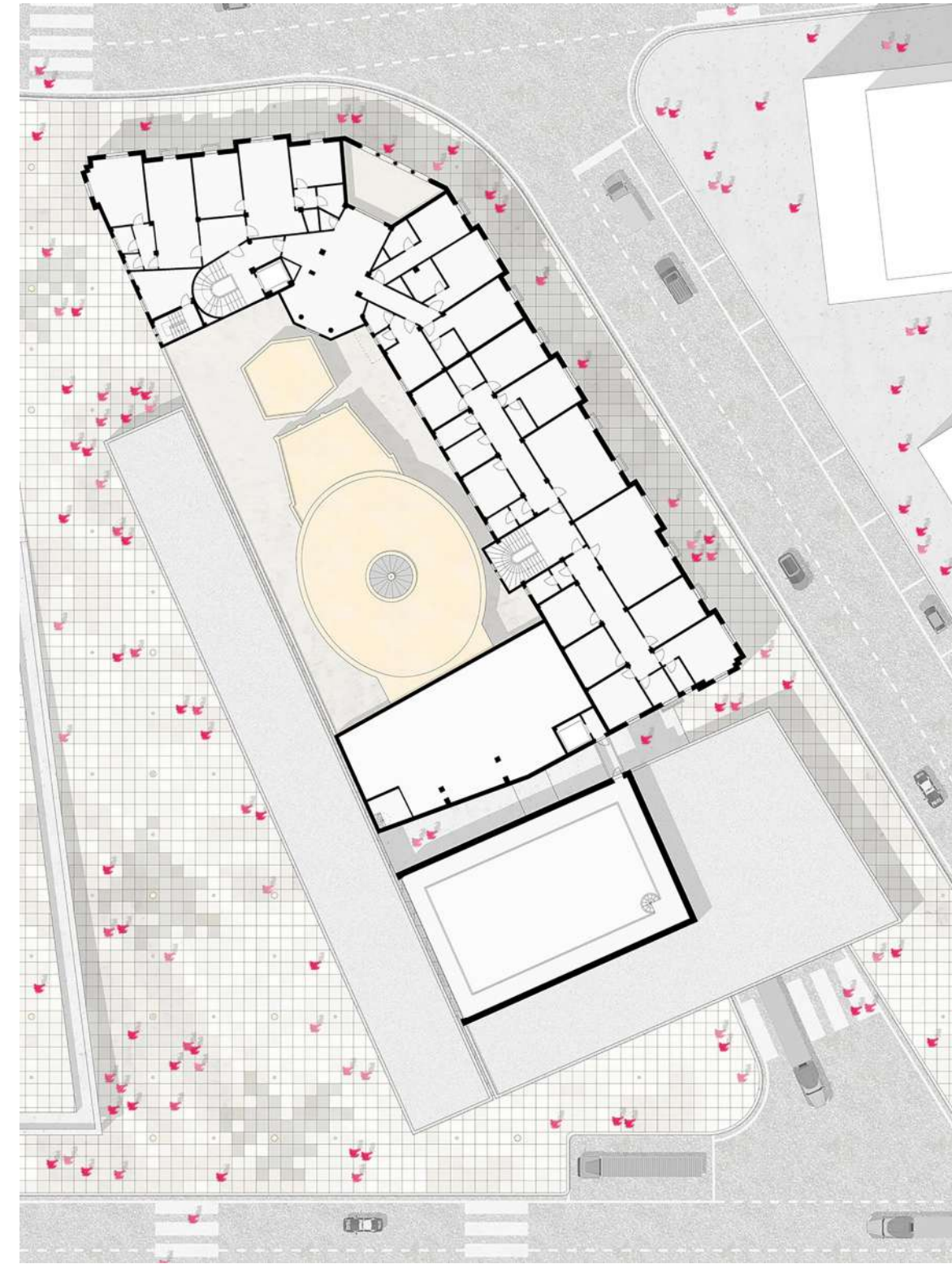




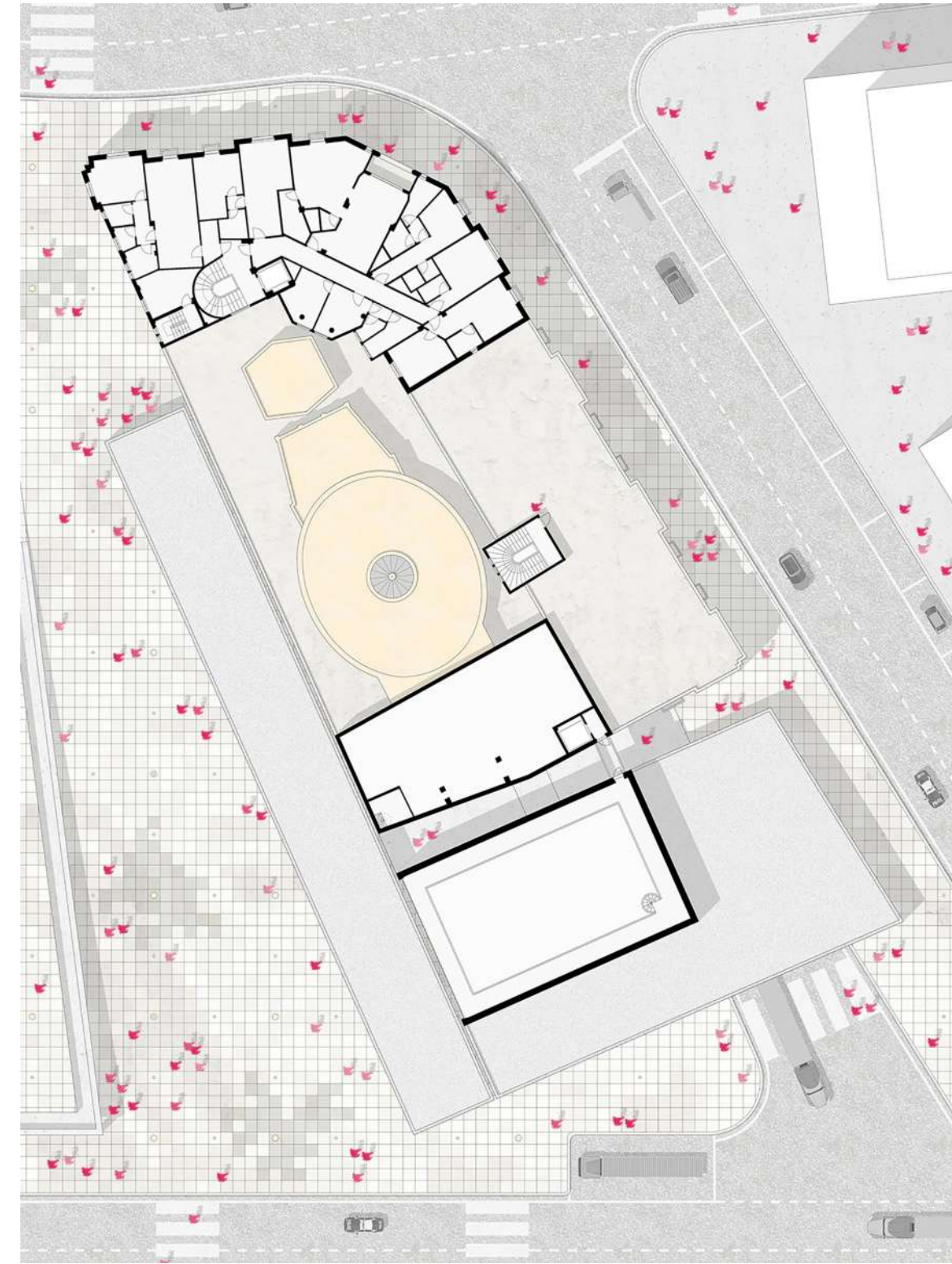
first floor plan



second floor plan

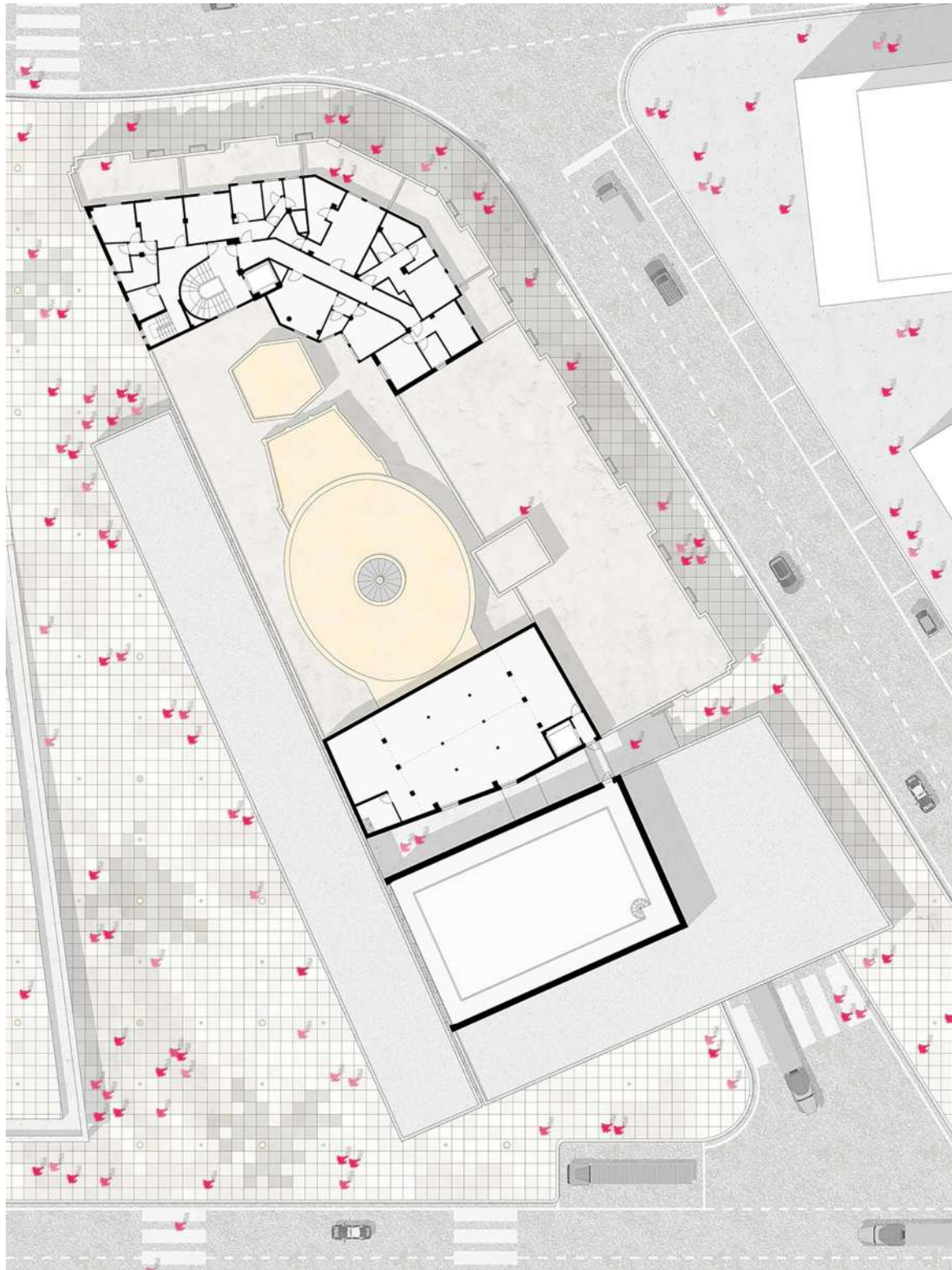


third floor plan

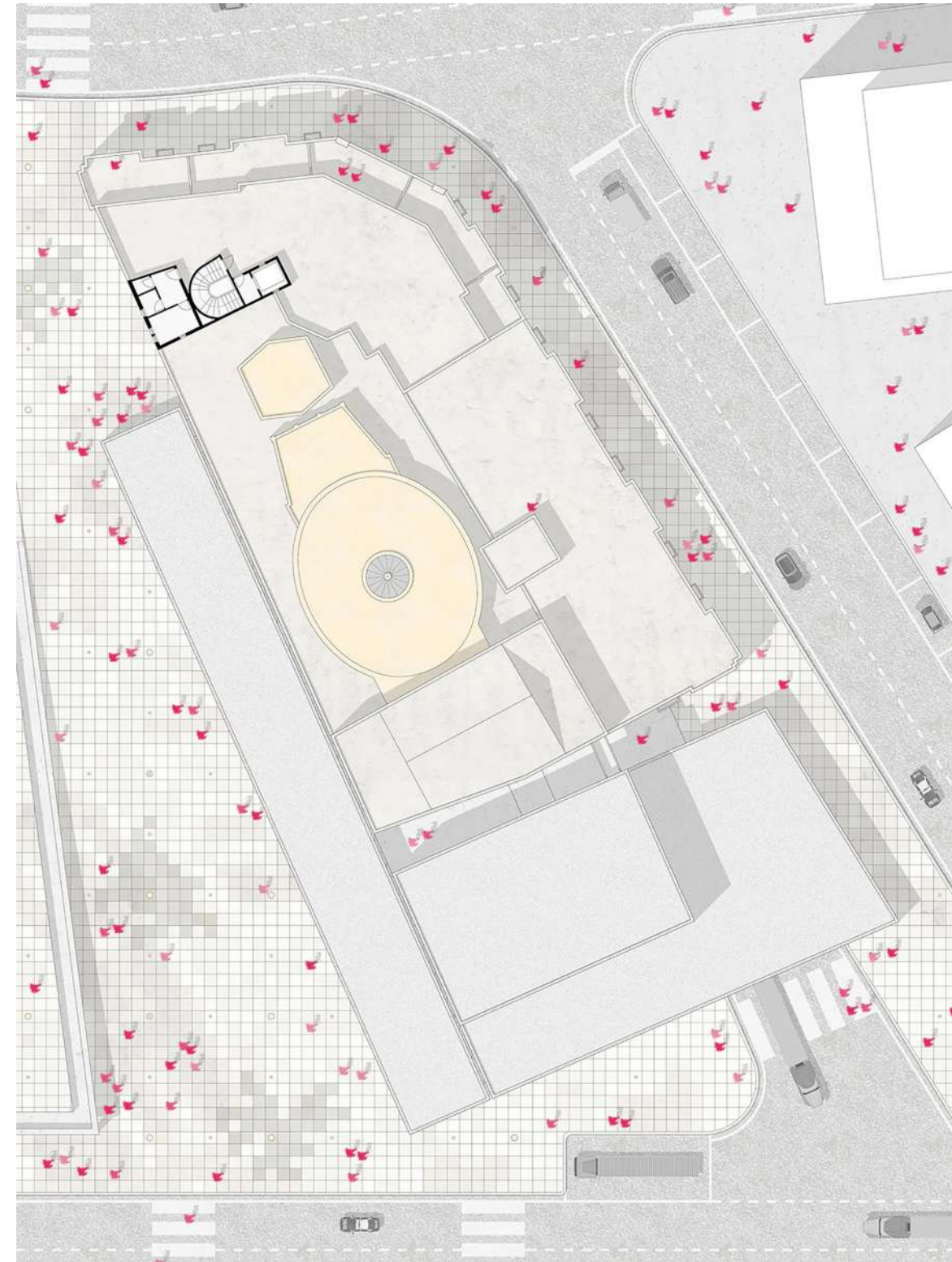


fourth floor plan

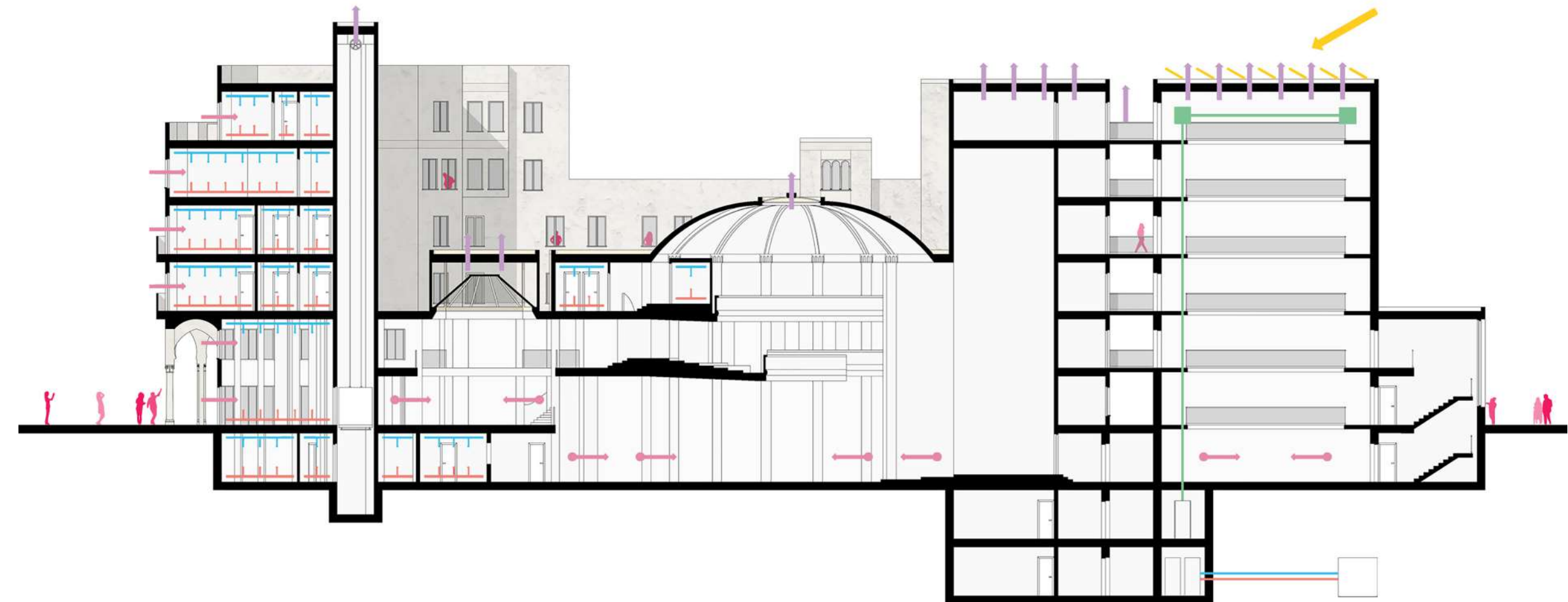




fifth floor plan

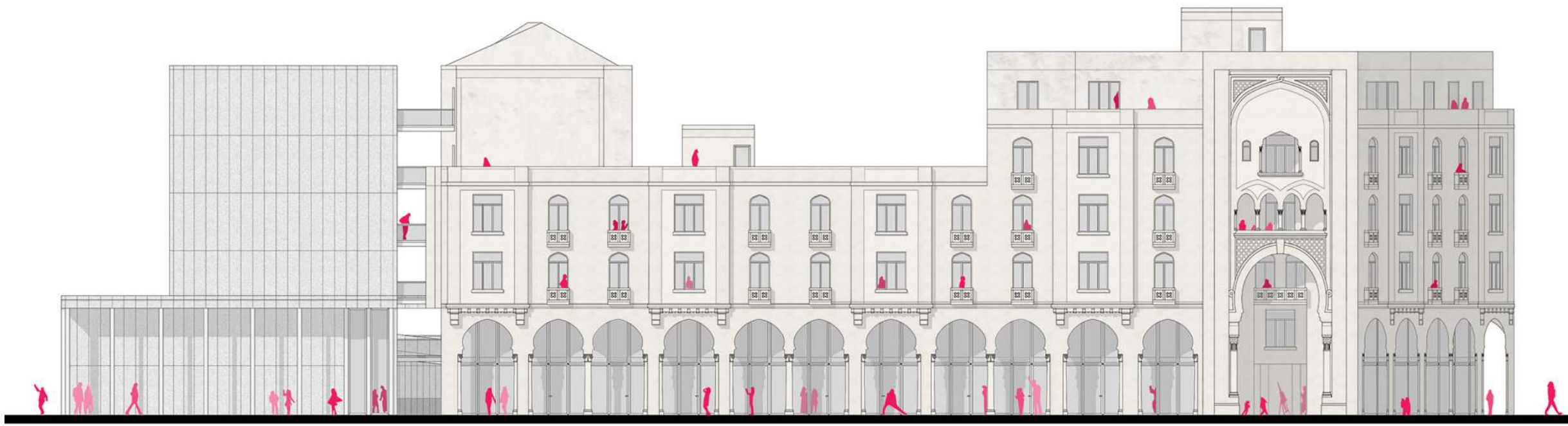


sixth floor plan



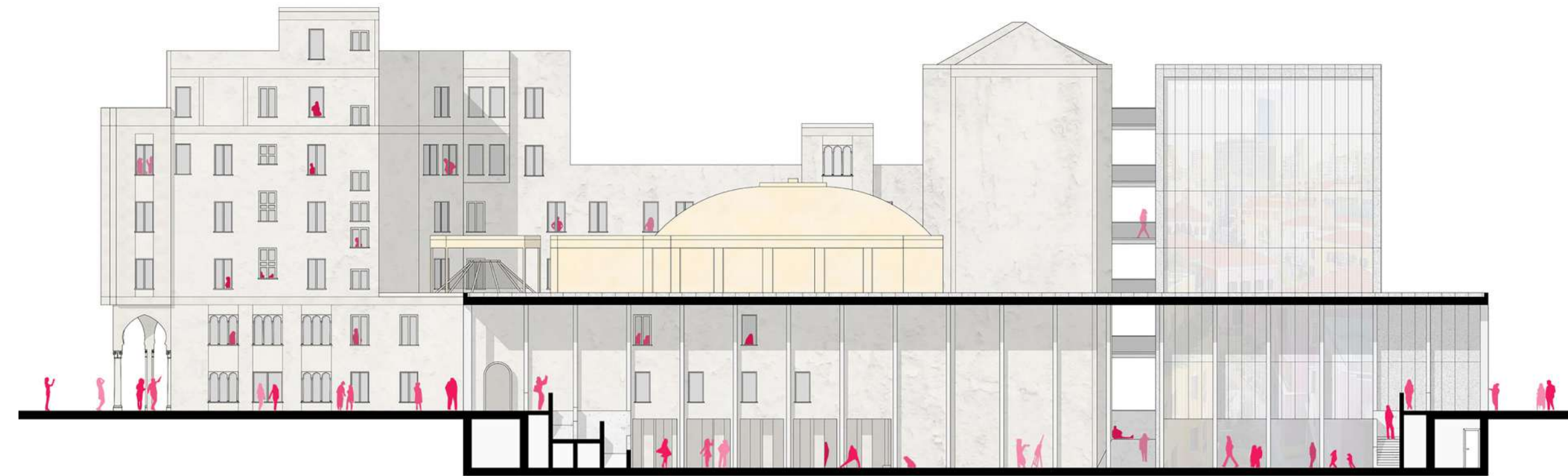
North-South section





0 2 5 10

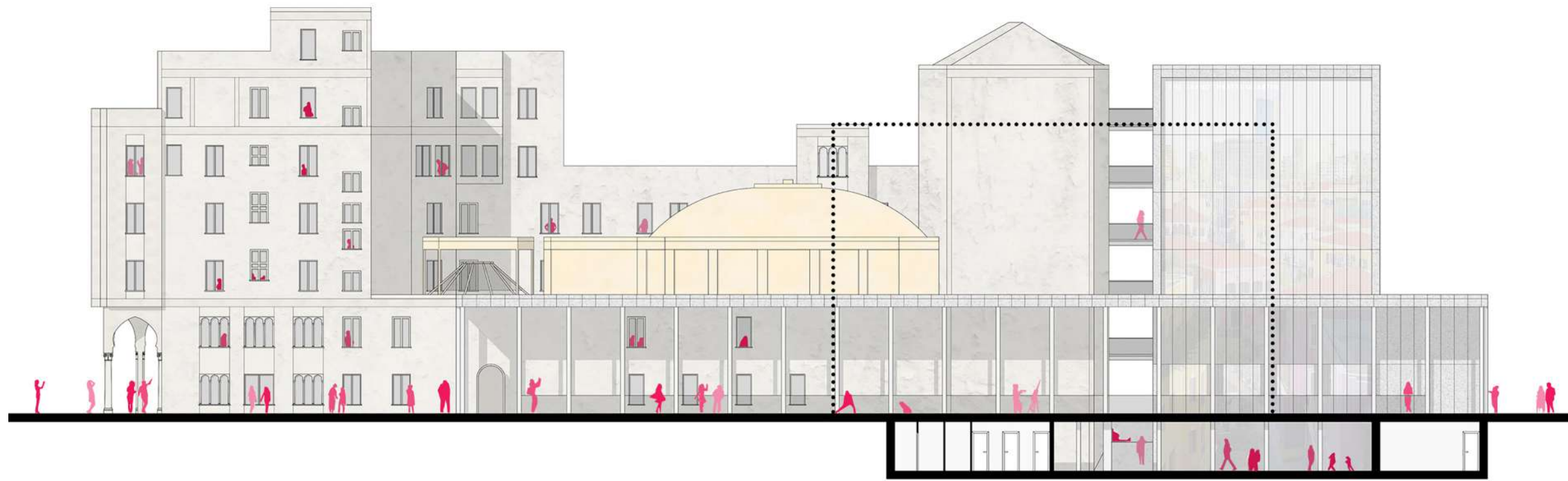
South-North section



0 2 5 10

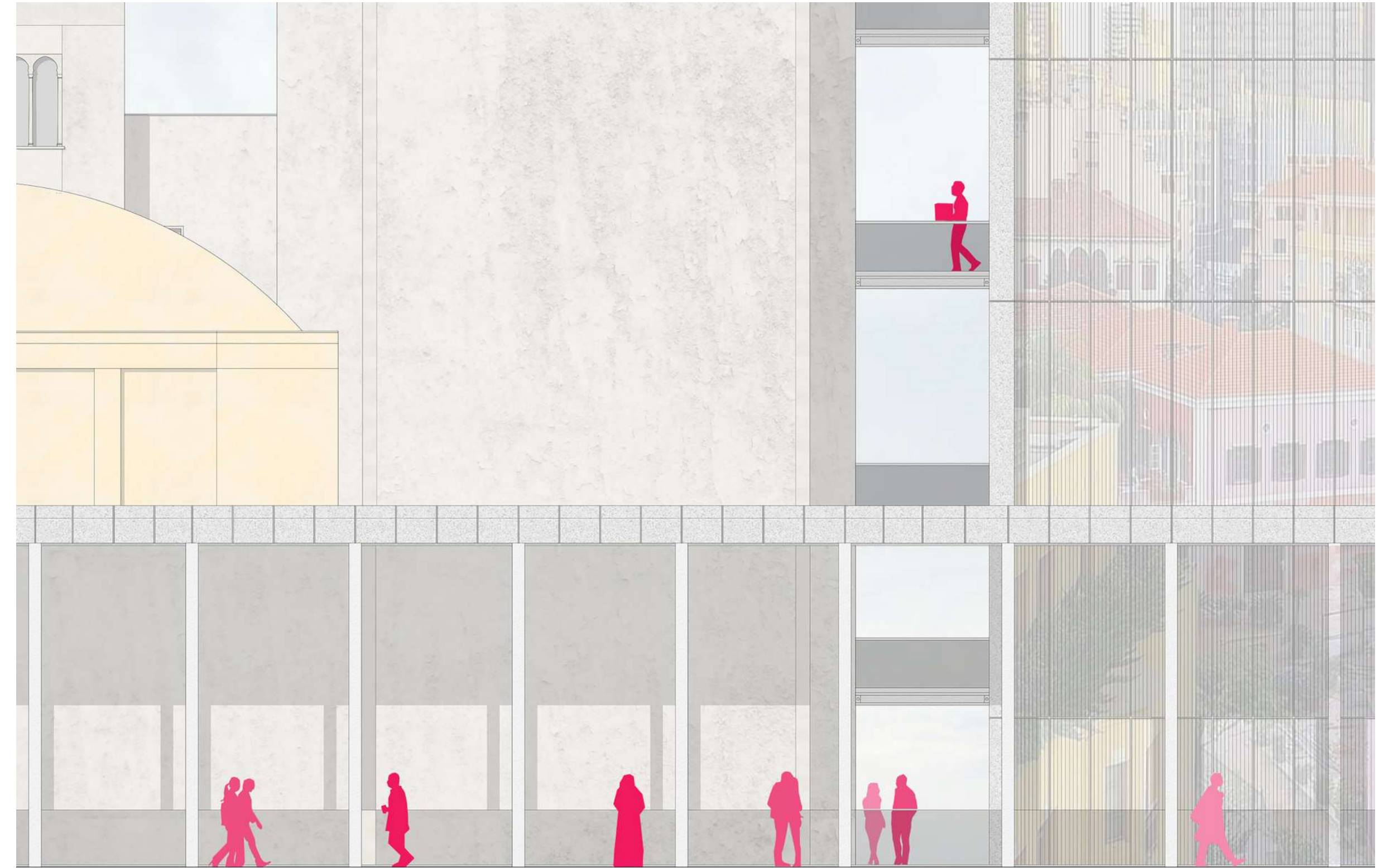
North-South section





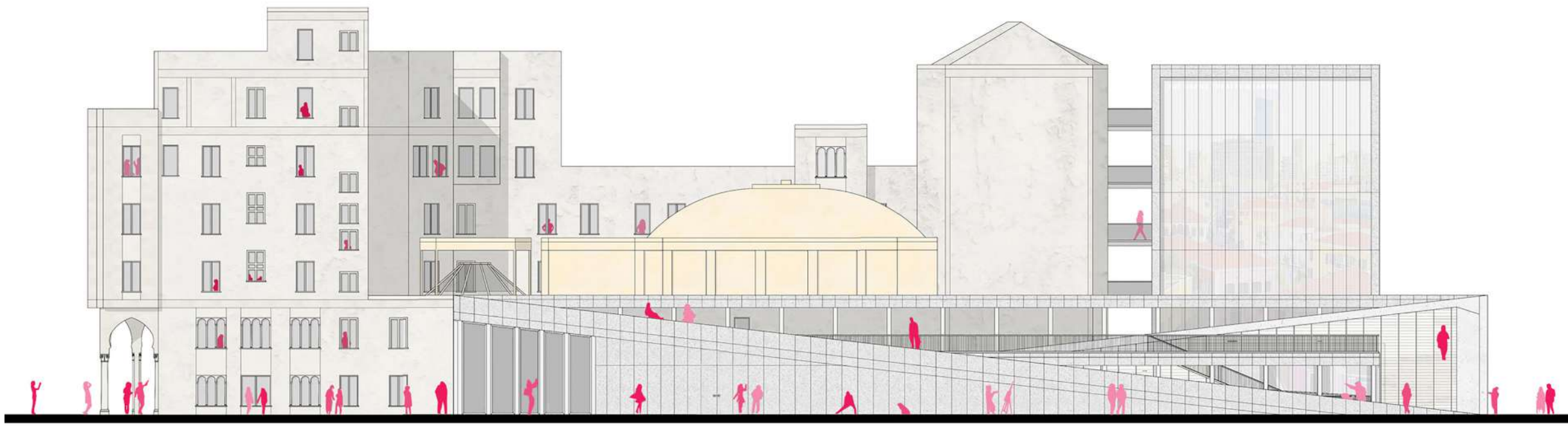
0 2 5 10

North-South section



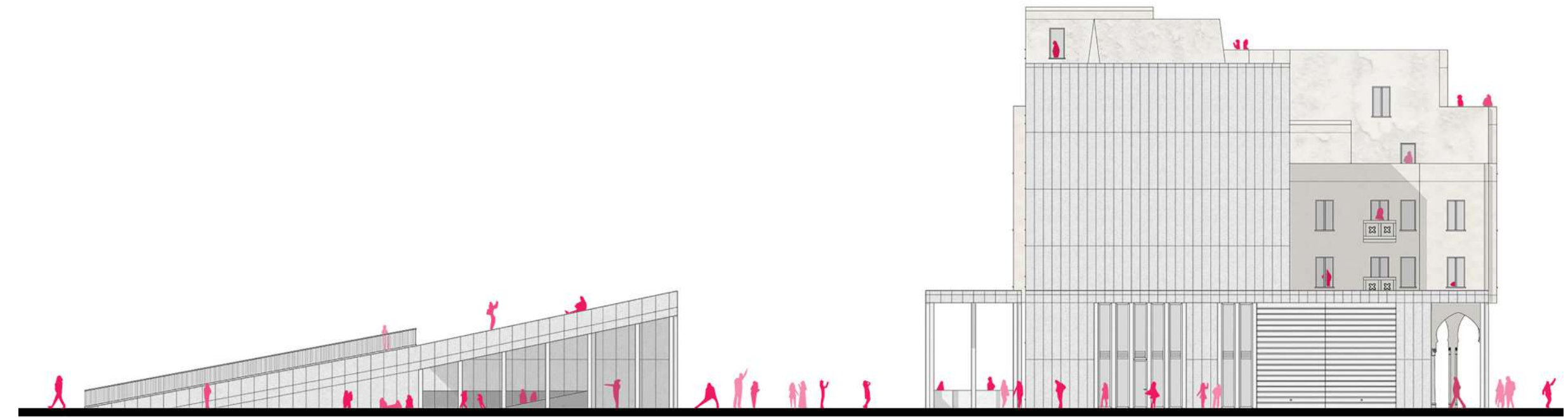
0 1 2 5

North-South section zoom-in



0 2 5 10

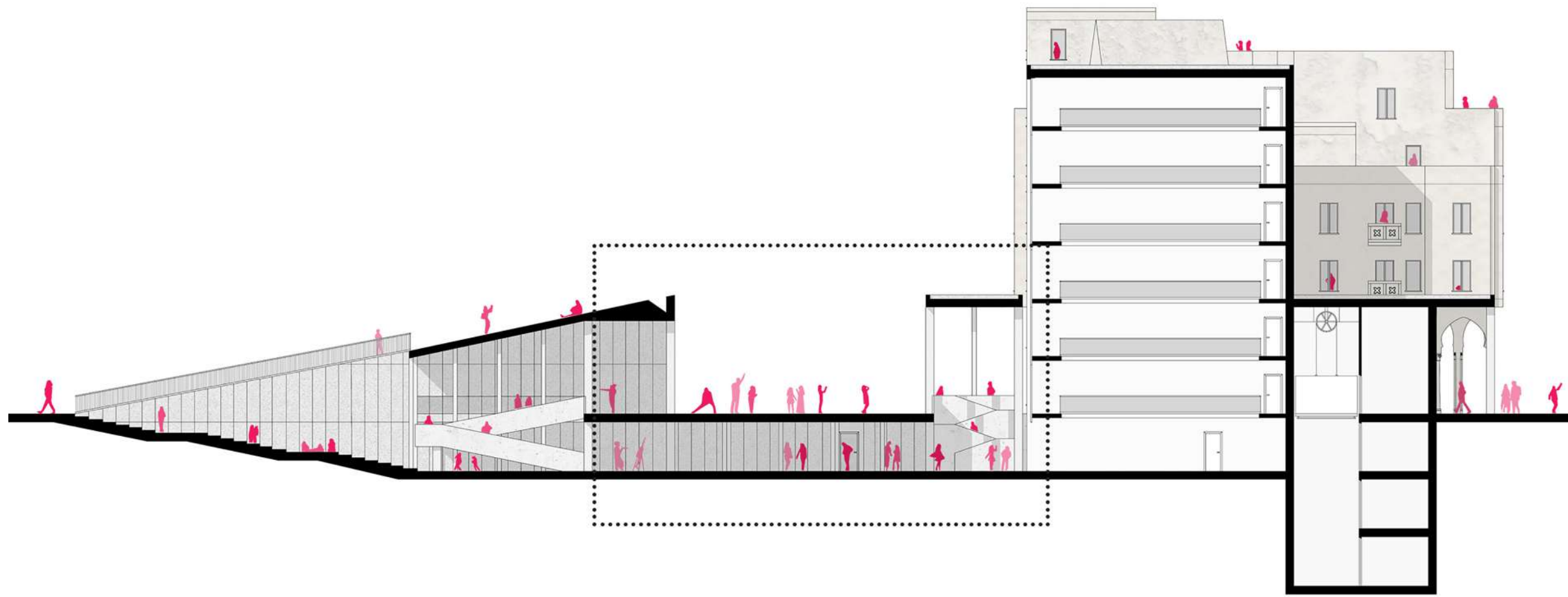
North-South section



0 2 5 10

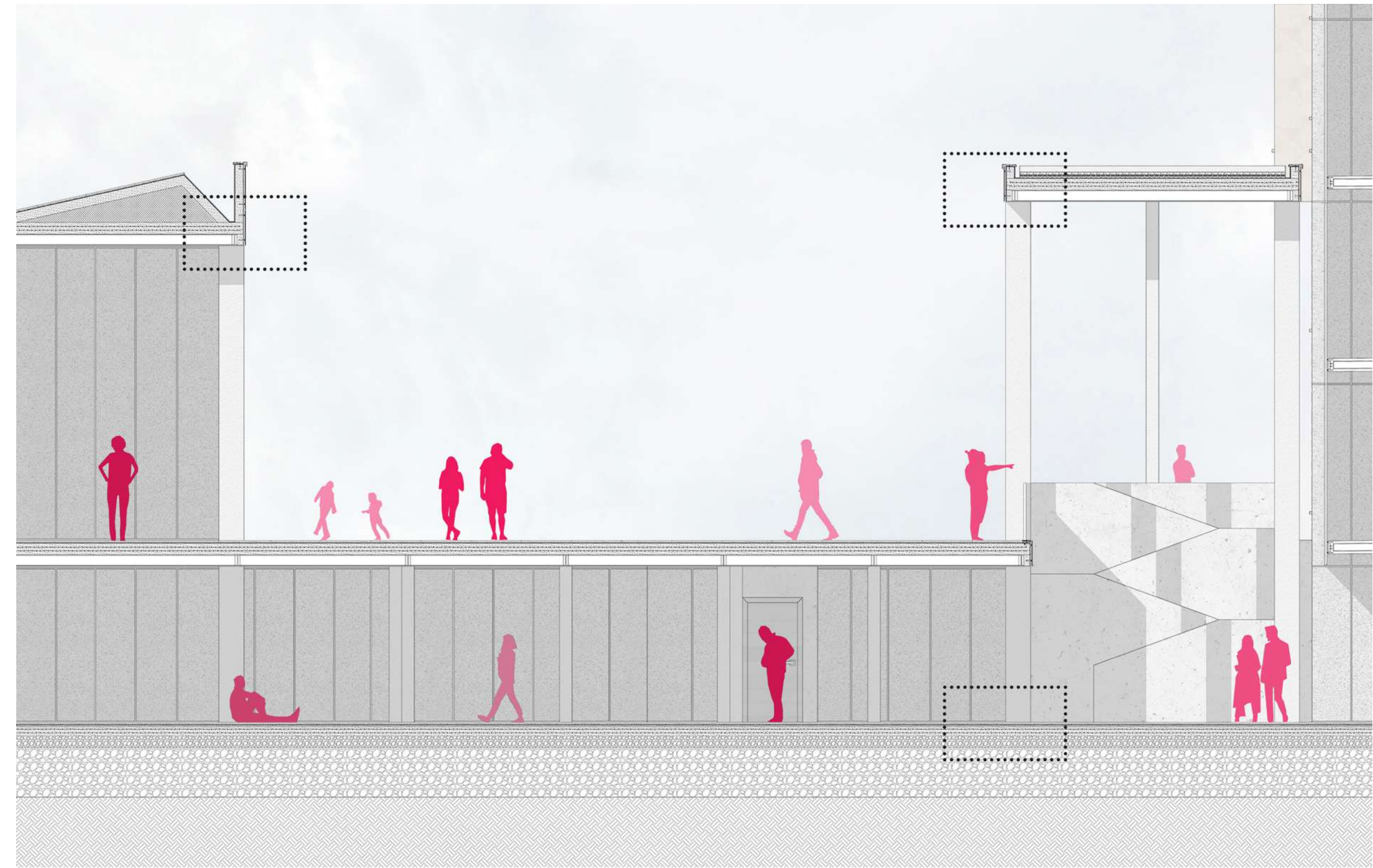
West-East section





0 2 5 10

West-East section



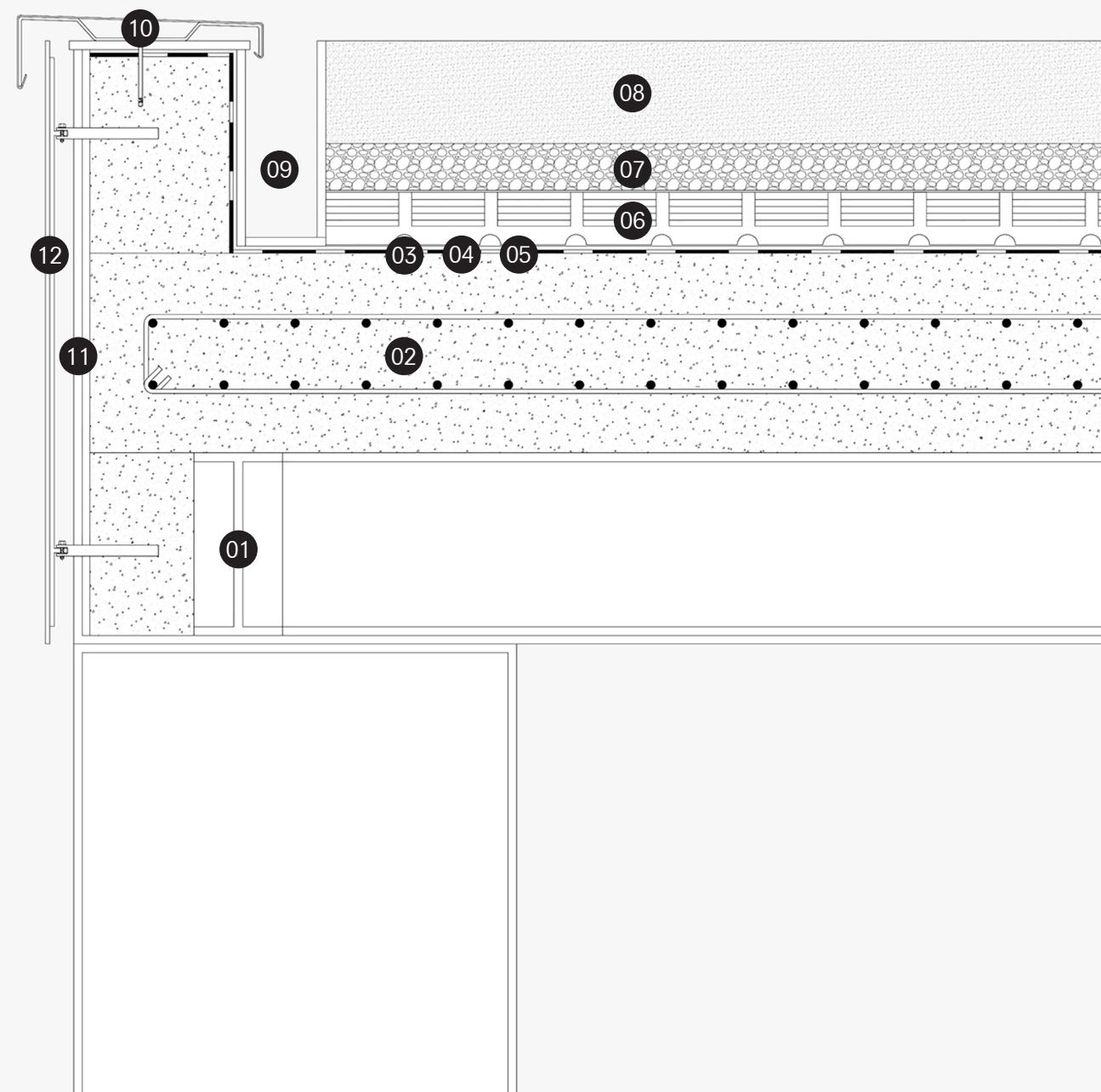
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West-East section zoom-in

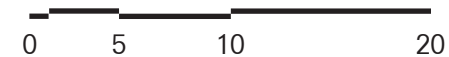


List of components:

- 01. Steel perimetral IPE beam
- 02. Concrete slab with electro-welded mesh
- 03. Water-proofing bituminous membrane
- 04. Resilient anti-impact layer
- 05. Protective felt VETROASFALTO GEOFELT 200
- 06. Rabbeted expanded polystyrene panels DAKU FSD
- 07. Thin gravel sub-base
- 08. Soil for roof-gardens
- 09. Water drainage gutter
- 10. Galvanised steel flashing REVOLT
- 11. Finishing plaster KNAUF VELVET
- 12. Stabilised aluminum foam large cell panel ALUSION

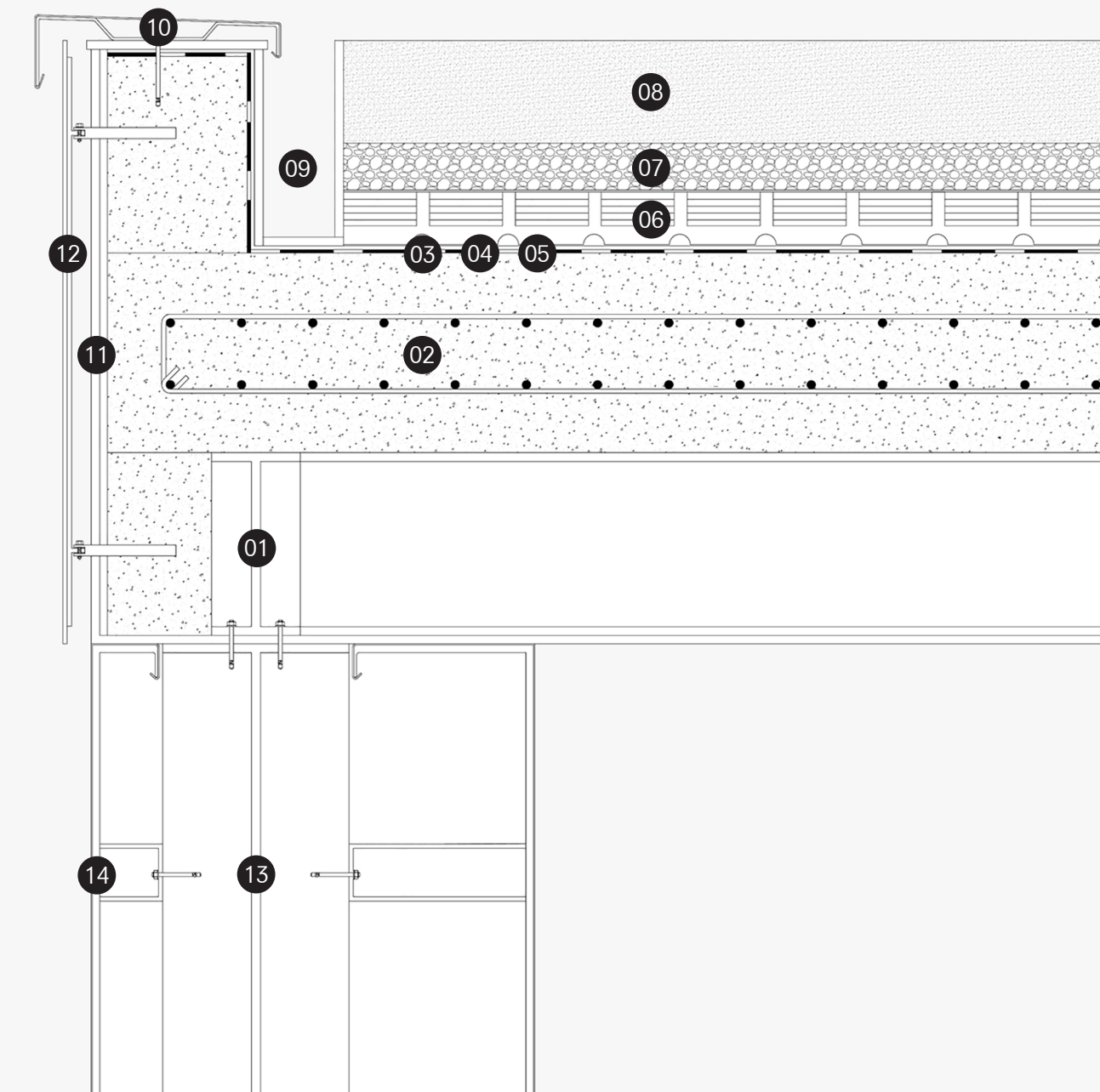


significant detail

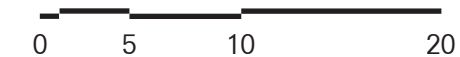


List of components:

- 01. Steel perimetral IPE beam
- 02. Concrete slab with electro-welded mesh
- 03. Water-proofing bituminous membrane
- 04. Resilient anti-impact layer
- 05. Protective felt VETROASFALTO GEOFELT 200
- 06. Rabbeted expanded polystyrene panels DAKU FSD
- 07. Thin gravel sub-base
- 08. Soil for roof-gardens
- 09. Water drainage gutter
- 10. Galvanised steel flashing REVOLT
- 11. Finishing plaster KNAUF VELVET
- 12. Stabilised aluminum foam large cell panel ALUSION
- 13. Steel load-bearing HE pillar
- 14. Steel cladding system



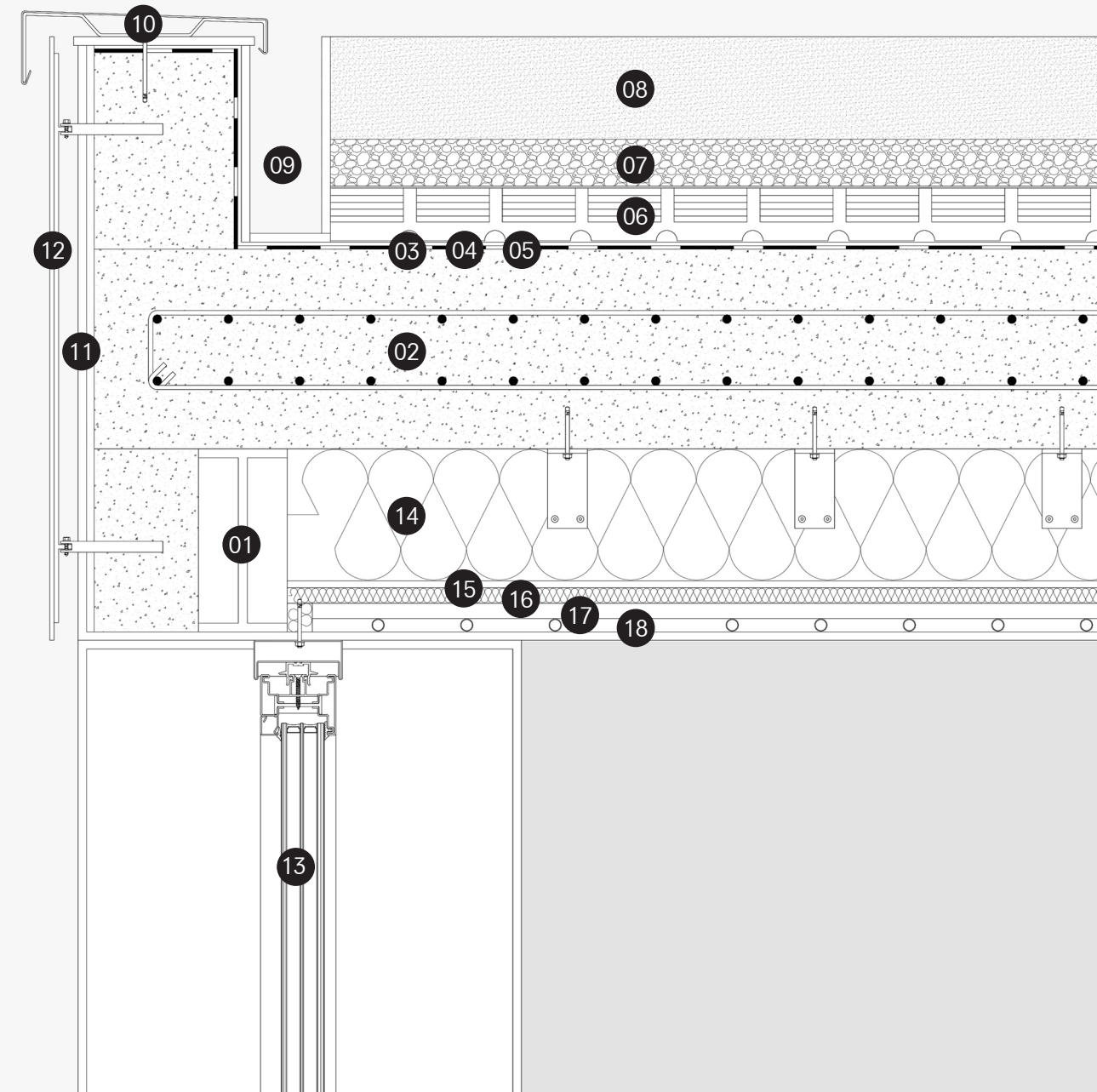
significant detail





List of components:

- 01. Steel perimetral IPE beam
- 02. Concrete slab with electro-welded mesh
- 03. Water-proofing bituminous membrane
- 04. Resilient anti-impact layer
- 05. Protective felt VETROASFALTO GEOFELT 200
- 06. Rabbeted expanded polystyrene panels DAKU FSD
- 07. Thin gravel sub-base
- 08. Soil for roof-gardens
- 09. Water drainage gutter
- 10. Galvanised steel flashing REVOLT
- 11. Finishing plaster KNAUF VELVET
- 12. Stabilised aluminum foam large cell panel ALUSION
- 13. Double-glazed window SECCO ABE 85
- 14. Insulating panel ROCKWOOL VENTIROCK DUO
- 15. Fiber-cement panel EQUITONE
- 16. Synthesised EPS insulating panel with graphite
- 17. Leveling layer
- 18. Radiant ceiling panel EURO THERM LEONARDO LUX

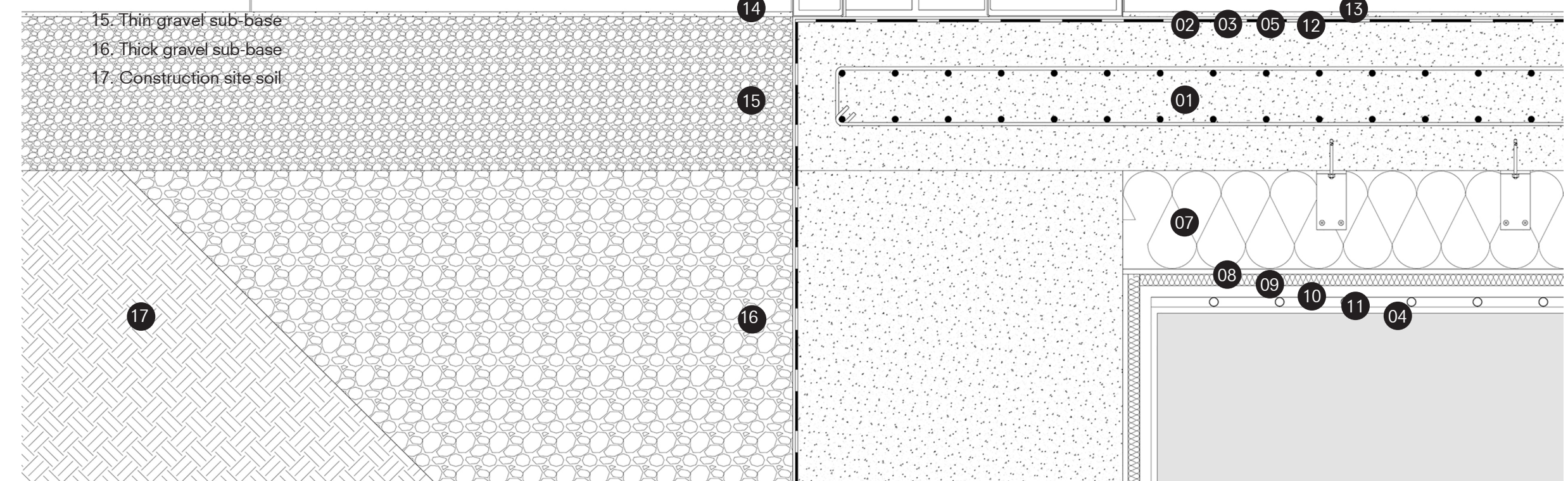


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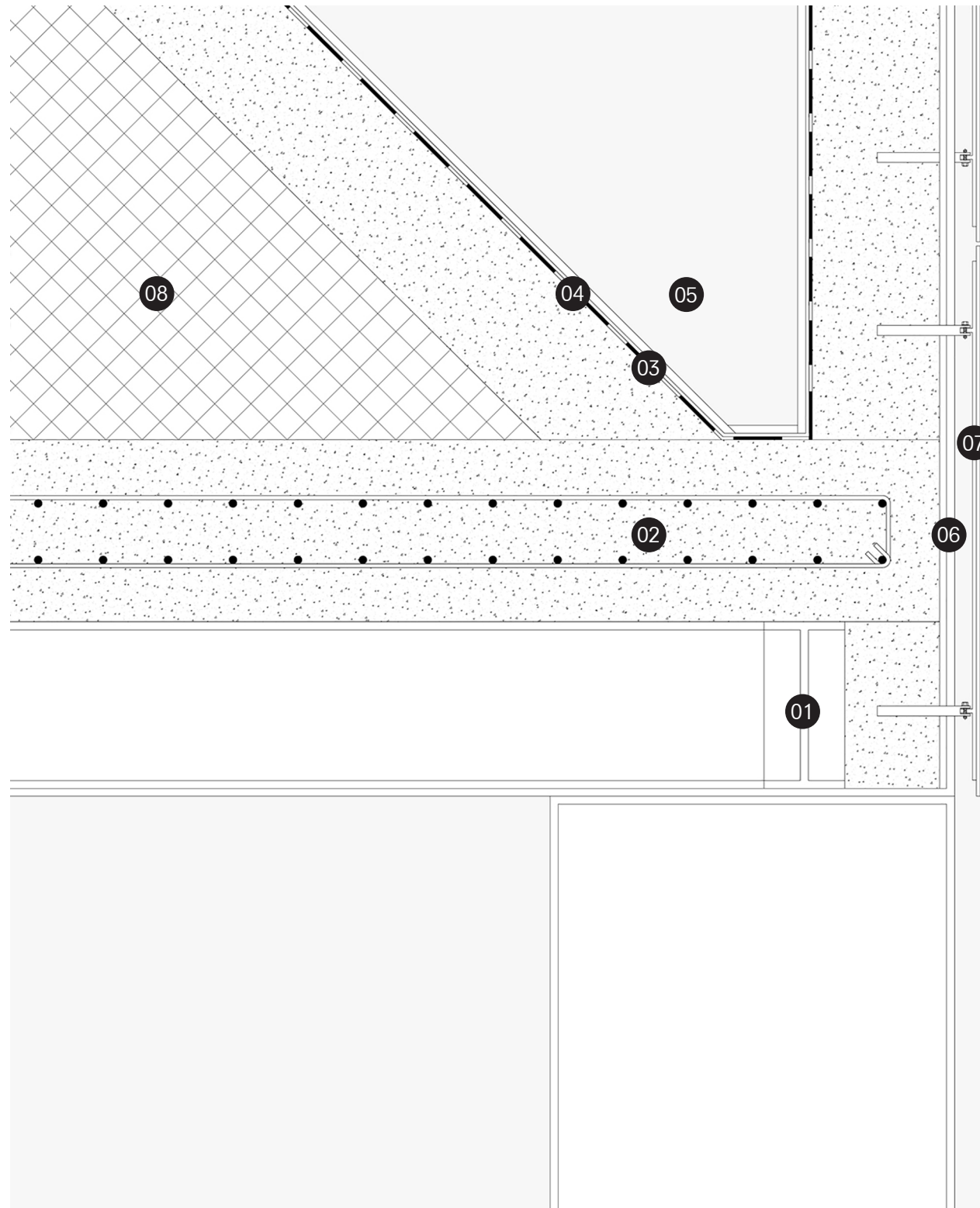
List of components:

- 01. Concrete slab with electro-welded mesh
- 02. Water-proofing bituminous membrane
- 03. Resilient anti-impact layer
- 04. Finishing plaster KNAUF VELVET
- 05. Steel load-bearing HE pillar
- 06. Steel cladding system
- 07. Insulating panel ROCKWOOL VENTIROCK DUO
- 08. Fiber-cement panel EQUITONE
- 09. Synthesised EPS insulating panel with graphite
- 10. Leveling layer
- 11. Radiant ceiling panel EURO THERM LEONARDO LUX
- 12. Concrete final casting
- 13. Polished concrete floor for exterior
- 14. Limestone tiles for exterior
- 15. Thin gravel sub-base
- 16. Thick gravel sub-base
- 17. Construction site soil

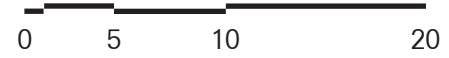


significant detail





- List of components:
- Steel perimetral IPE beam .01
  - Concrete slab with electro-welded mesh .02
  - Water-proofing bituminous membrane .03
  - Resilient anti-impact layer .04
  - Water drainage gutter .05
  - Finishing plaster KNAUF VELVET .06
  - Stabilised aluminum foam large cell panel ALUSION .07
  - Polyurethane foam MapePUR .08



significant detail





