

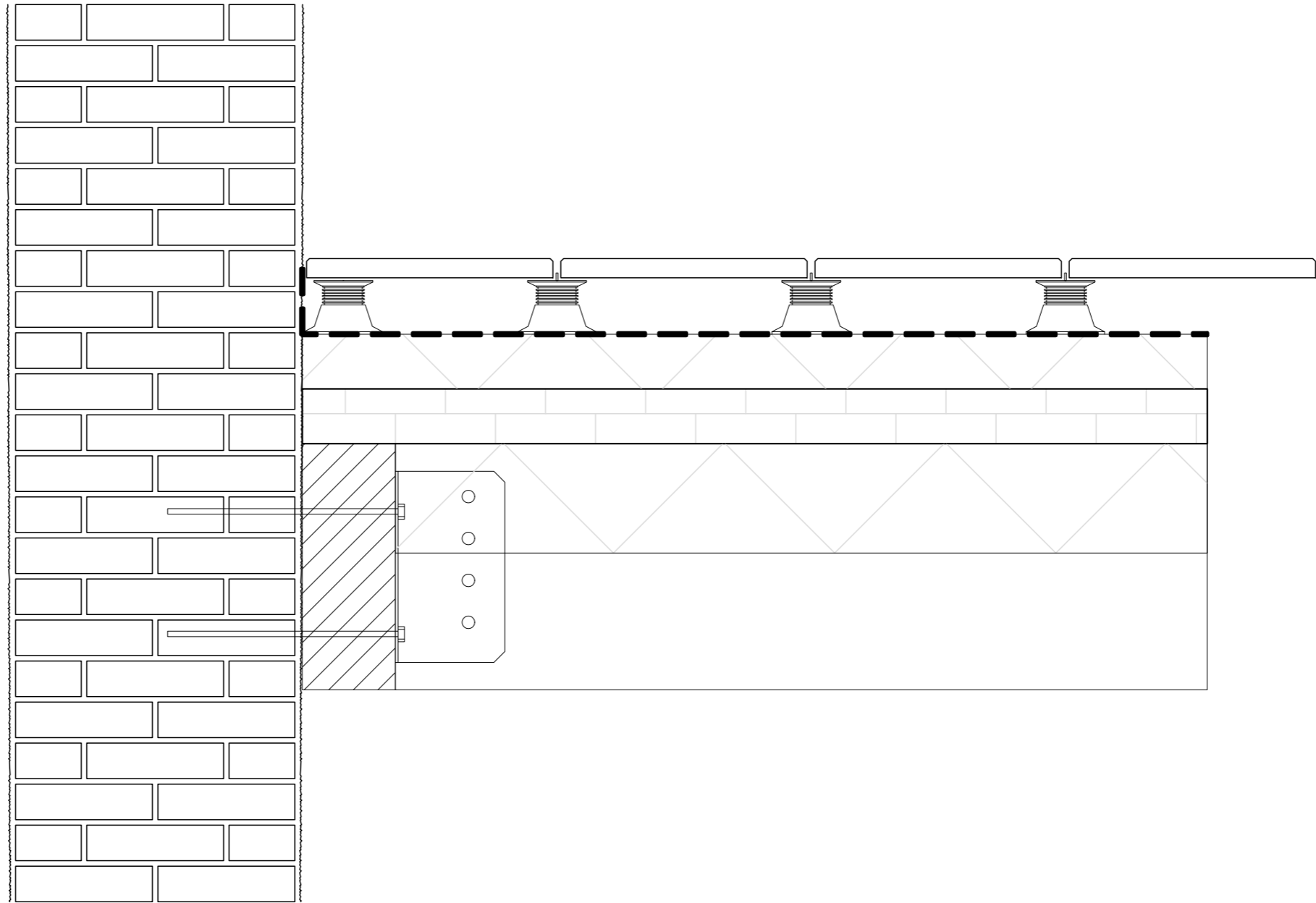
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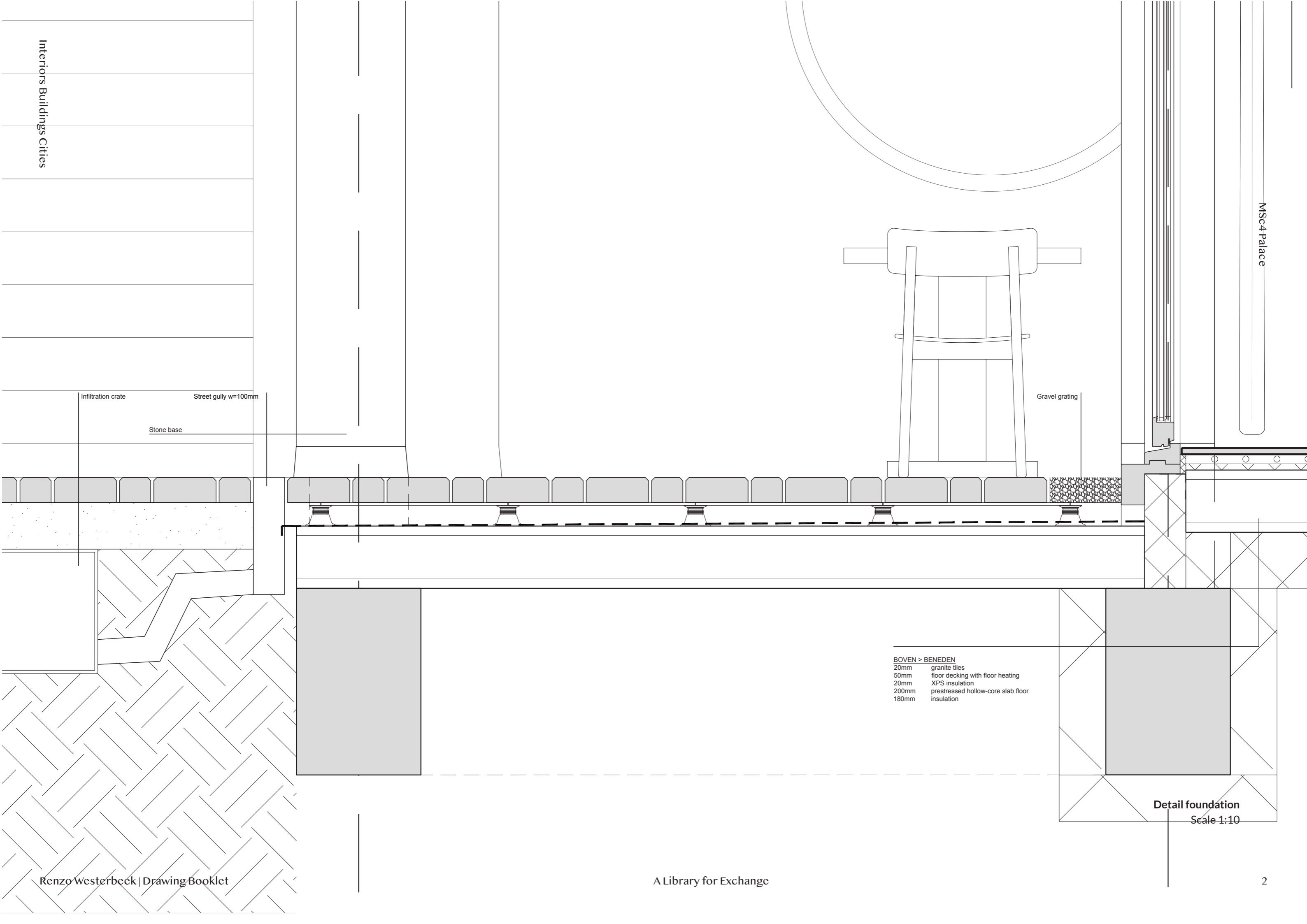
overview of the Samtalshuset.

Under the guidance of
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ir. S. S. Mandias,
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M. Pimlott,
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MSc3/4 Palace Graduation Studio
2023-24
Chair of Interiors Buildings Cities
Delft University of Technology
24-5-2024



Detail international Library
Proposed situation
Scale 1:10



Infiltration grate

Street gully w=100mm

Stone base

Gravel grating

BOVEN > BENEDEN

- 20mm granite tiles
- 50mm floor decking with floor heating
- 20mm XPS insulation
- 200mm prestressed hollow-core slab floor
- 180mm insulation

Detail foundation

Scale 1:10

Timber load bearing column 600x200mm

Wooden window frame

Stone bottom lintel

OUT > IN
 5mm plaster finishing
 7mm plaster base
 240mm XPS insulation (Sto)
 154mm gluelam beam

Timber column 300x100mm

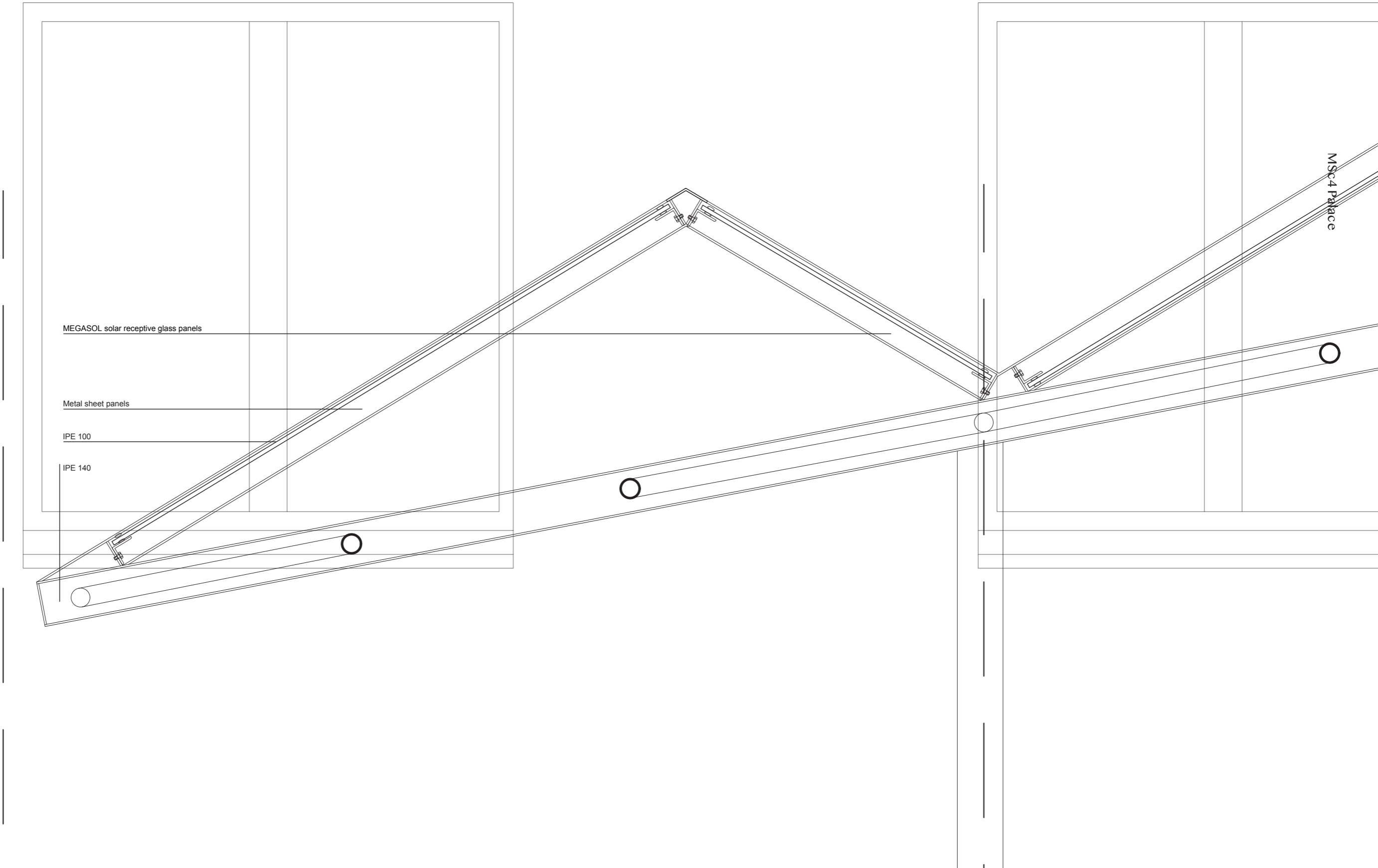
BOVEN > BENEDEN
 20mm Houten vloerafwerking
 70mm afstort met vloerverwarming
 120mm CLT Floor
 230mm Minerale wol
 230mm Luchtspouw met elektrische verlichting
 30mm Regelwerk
 20mm Houten plafondafwerking

electricity

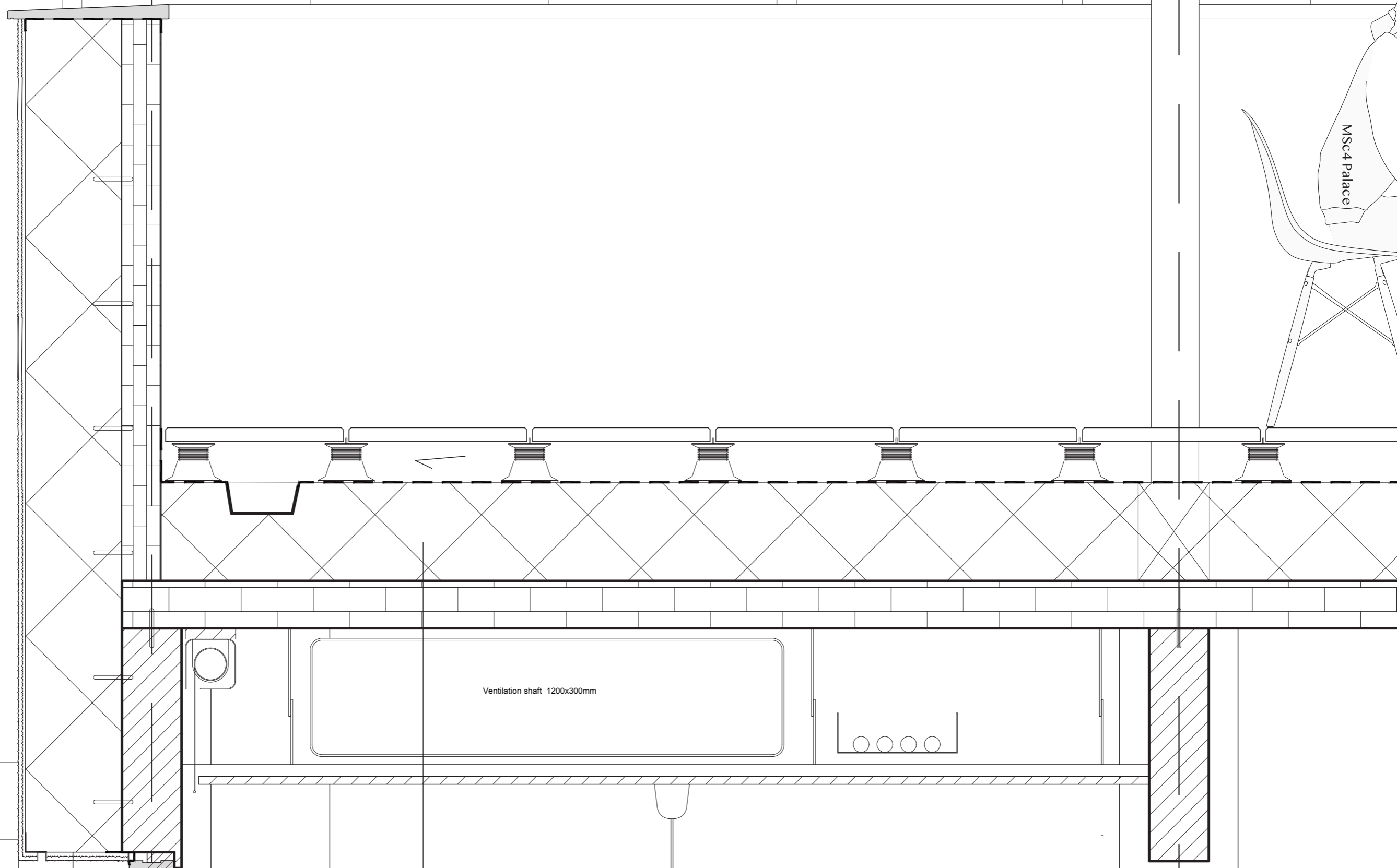
rectangular lighting fixtures

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Detail bridge
Scale 1:10



Detail roof
Scale 1:10



TOP > DOWN
20mm granite tiles
tile carriers
250mm XPS insulation, 2% slope
120mm CLT floor elements

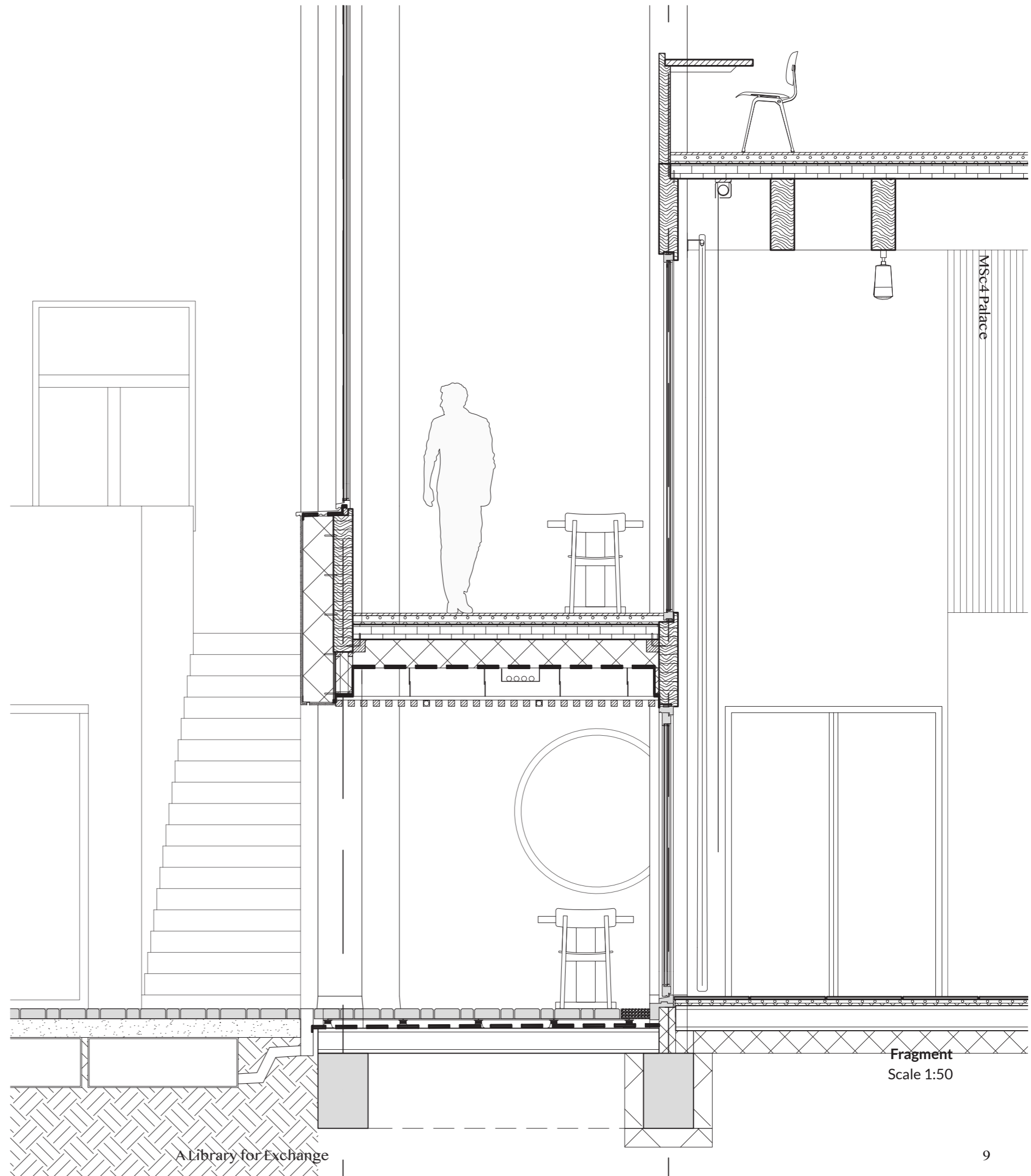
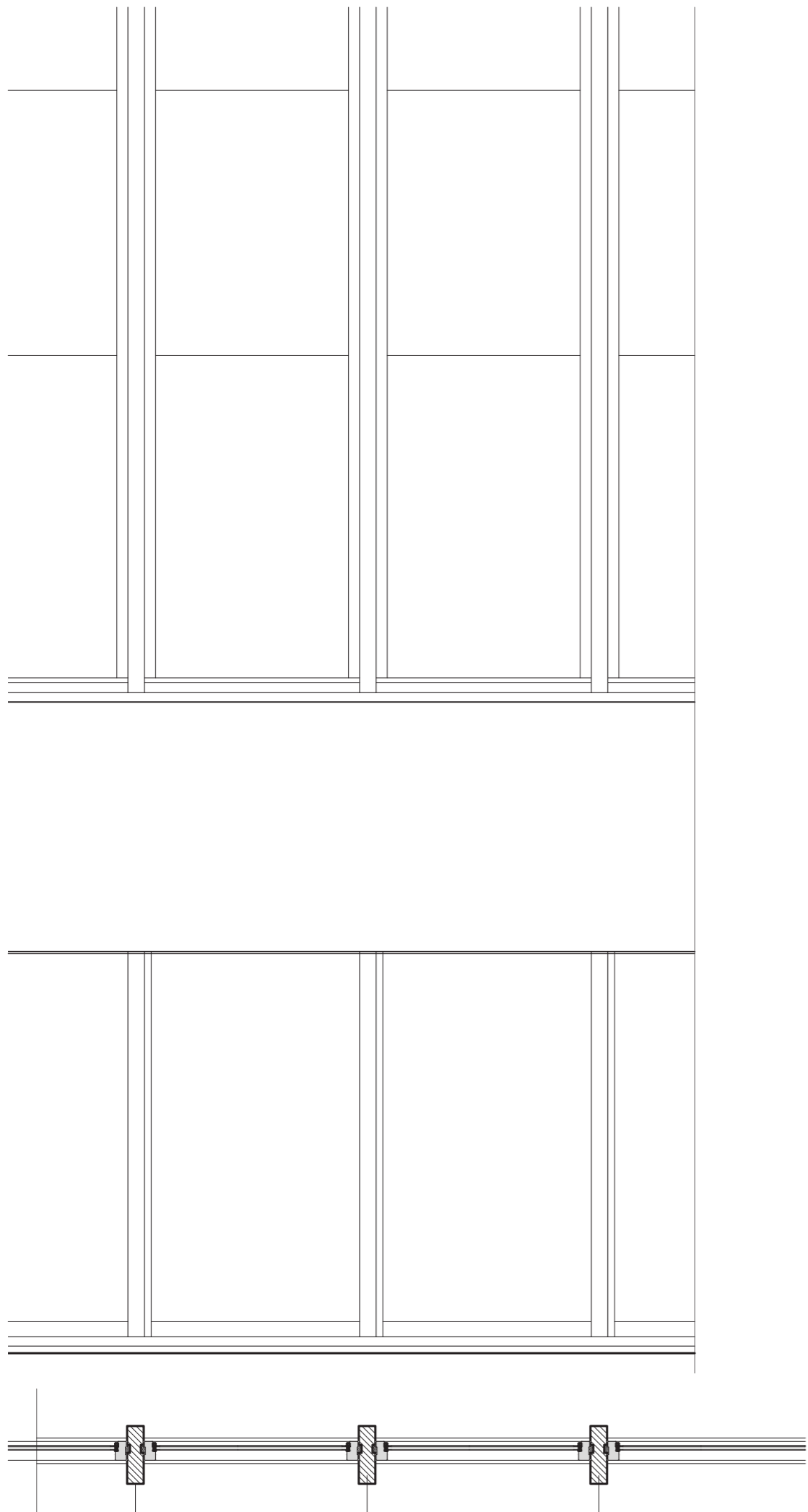
Detail roof
Scale 1:10



Elevation north
Existing situation
Scale 1:500

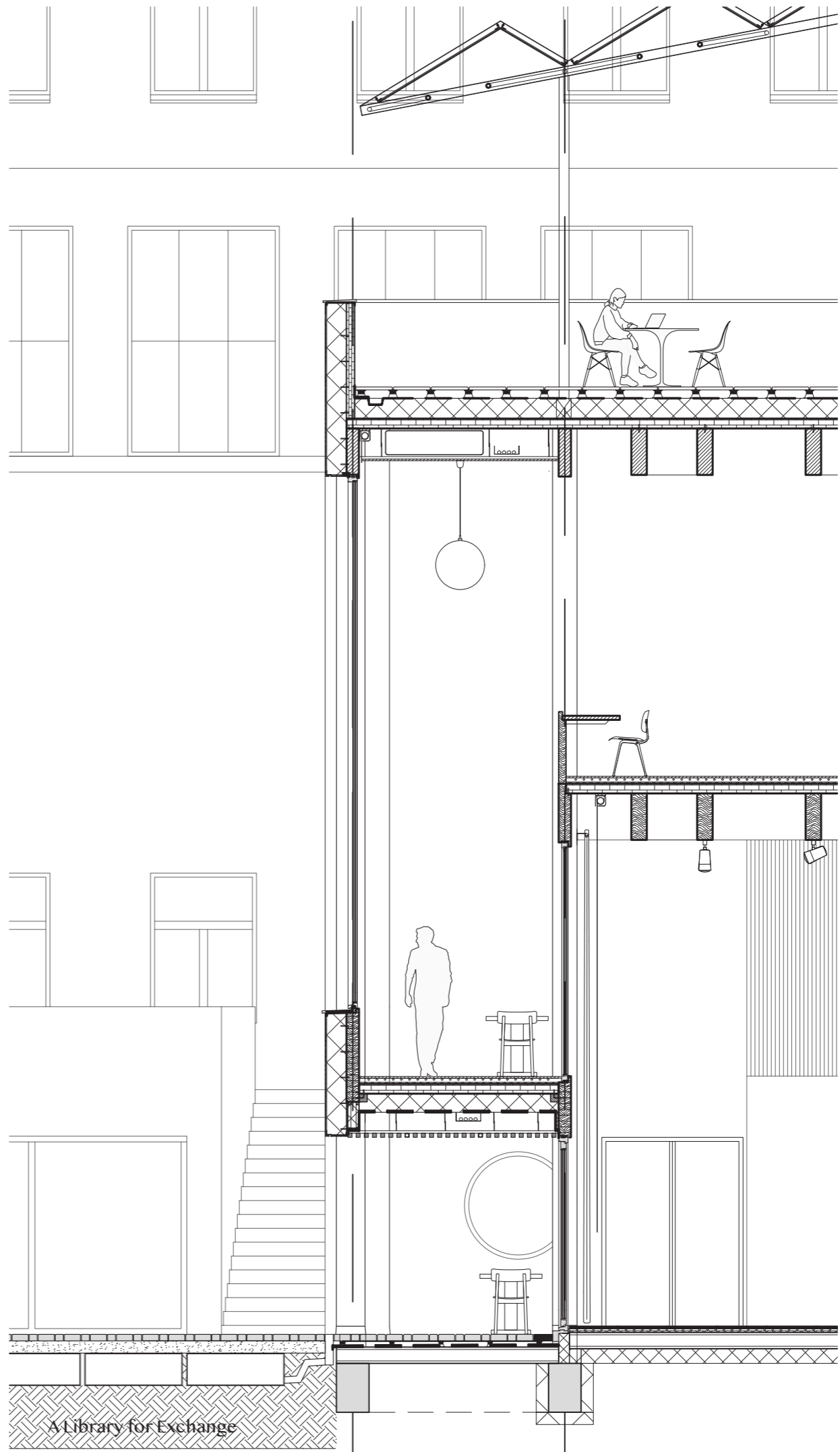
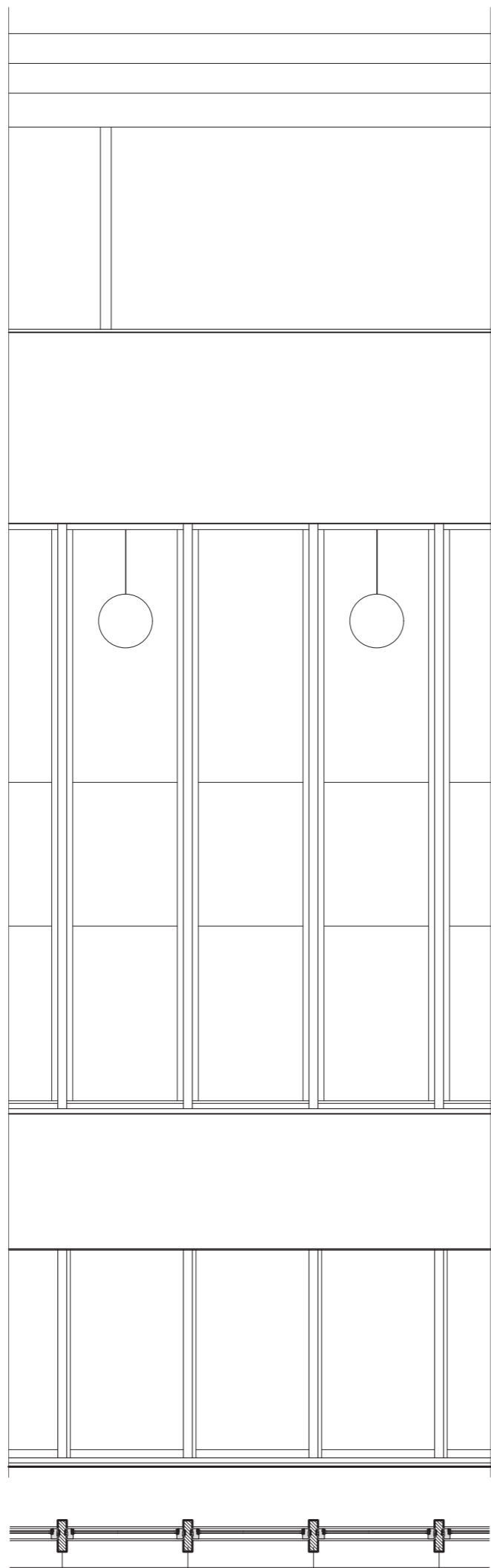


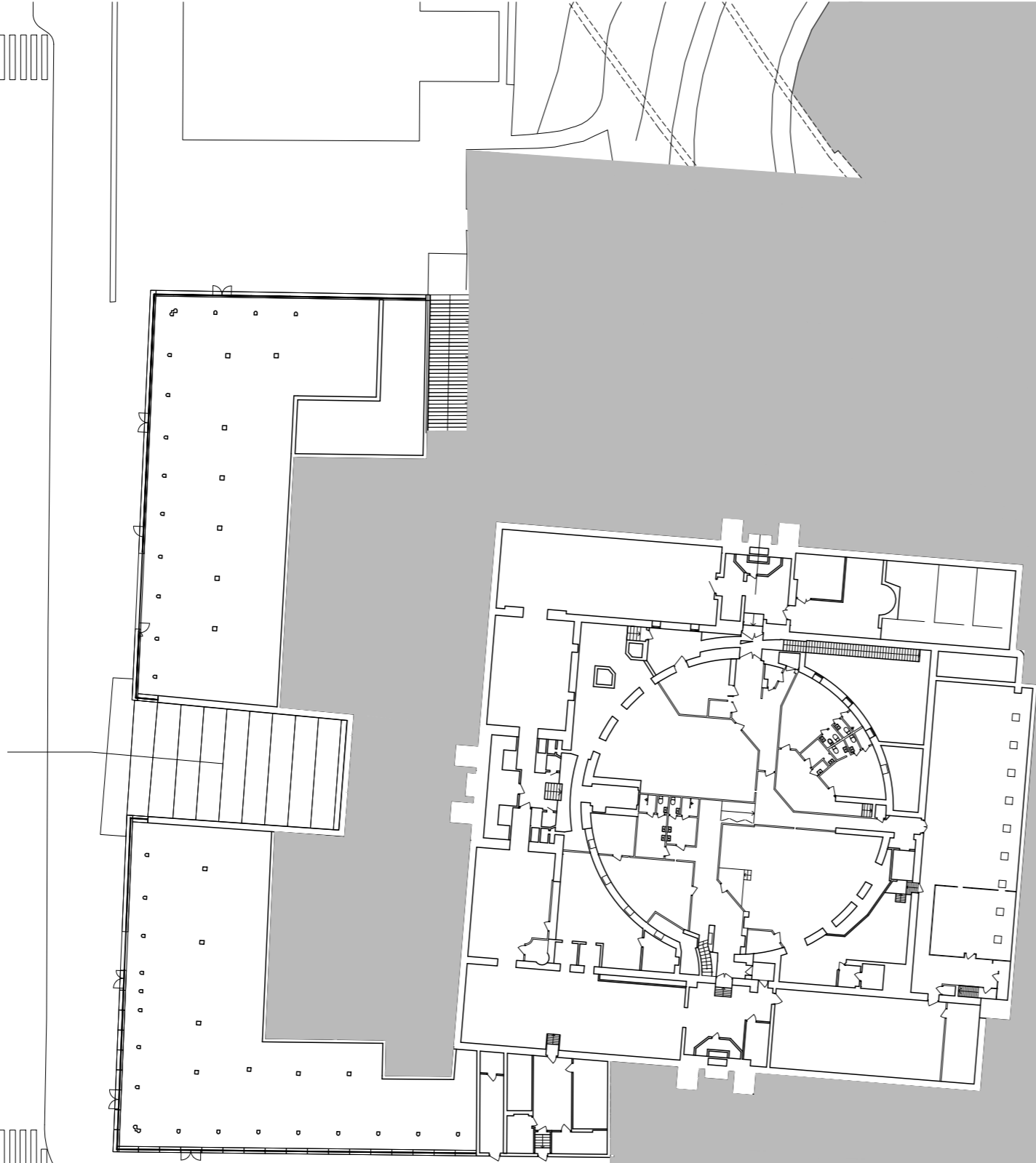
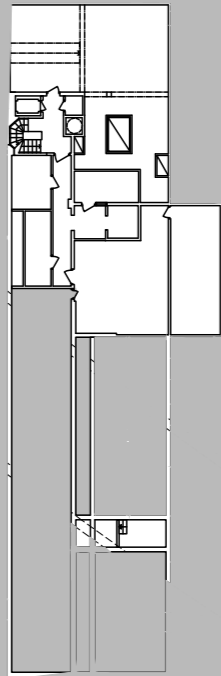
Elevation North
Proposed situation
Scale 1:500



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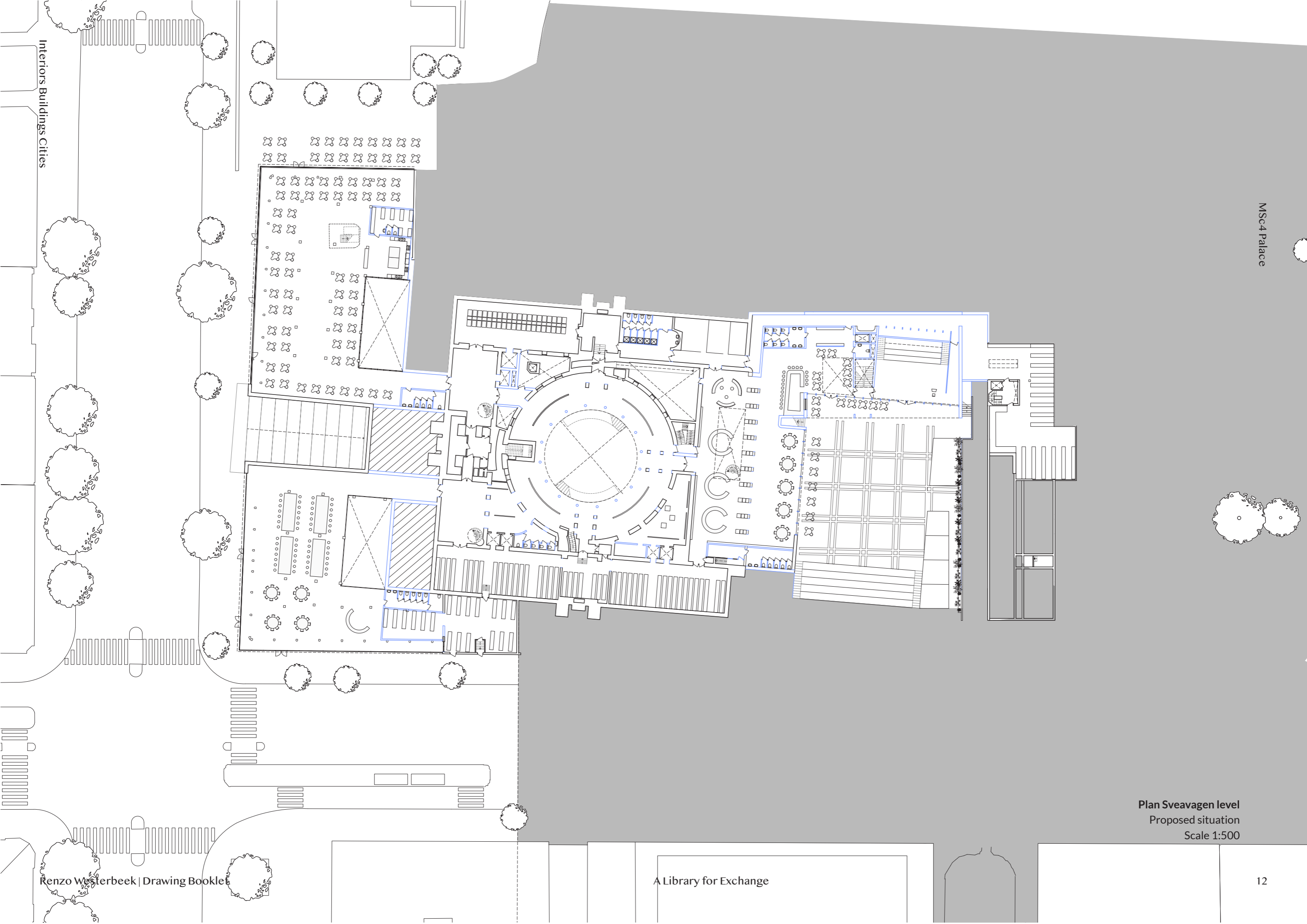
Fragment
Scale 1:50



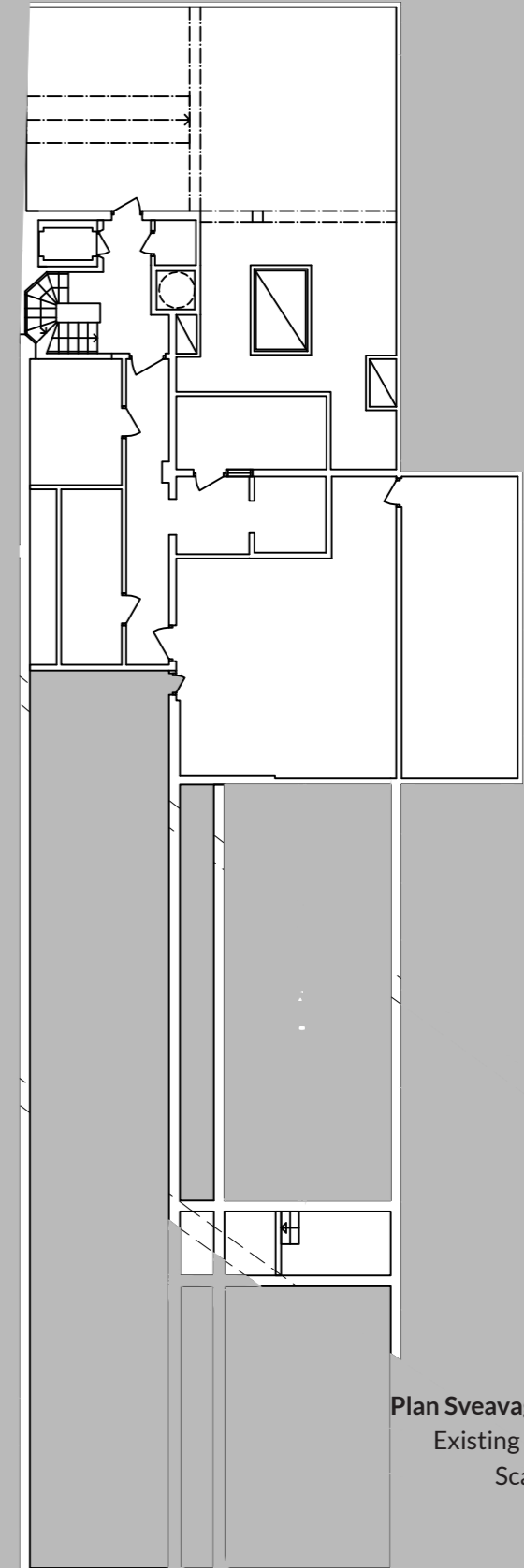
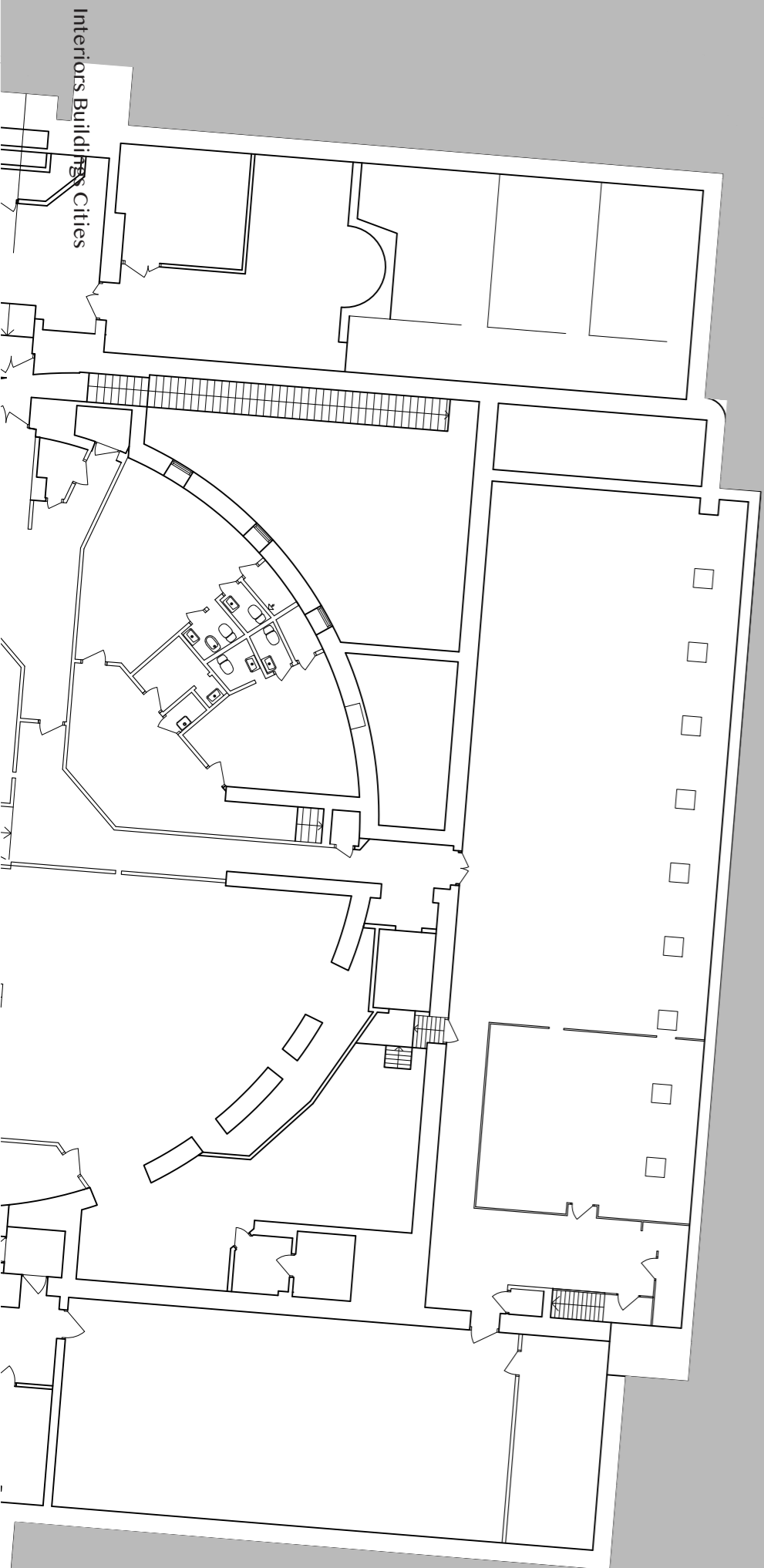


Plan Sveavagen level
Existing situation
Scale 1:500

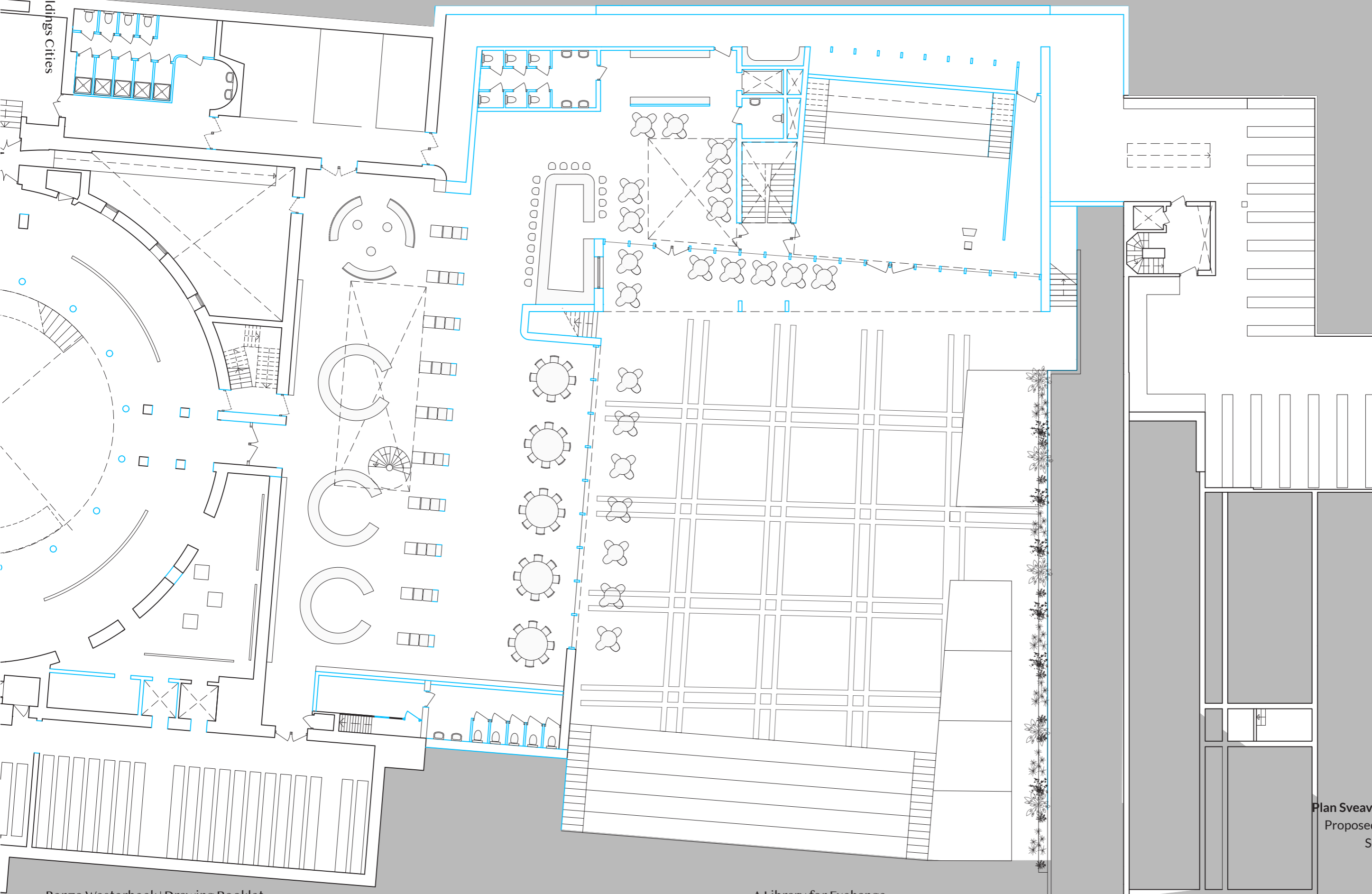
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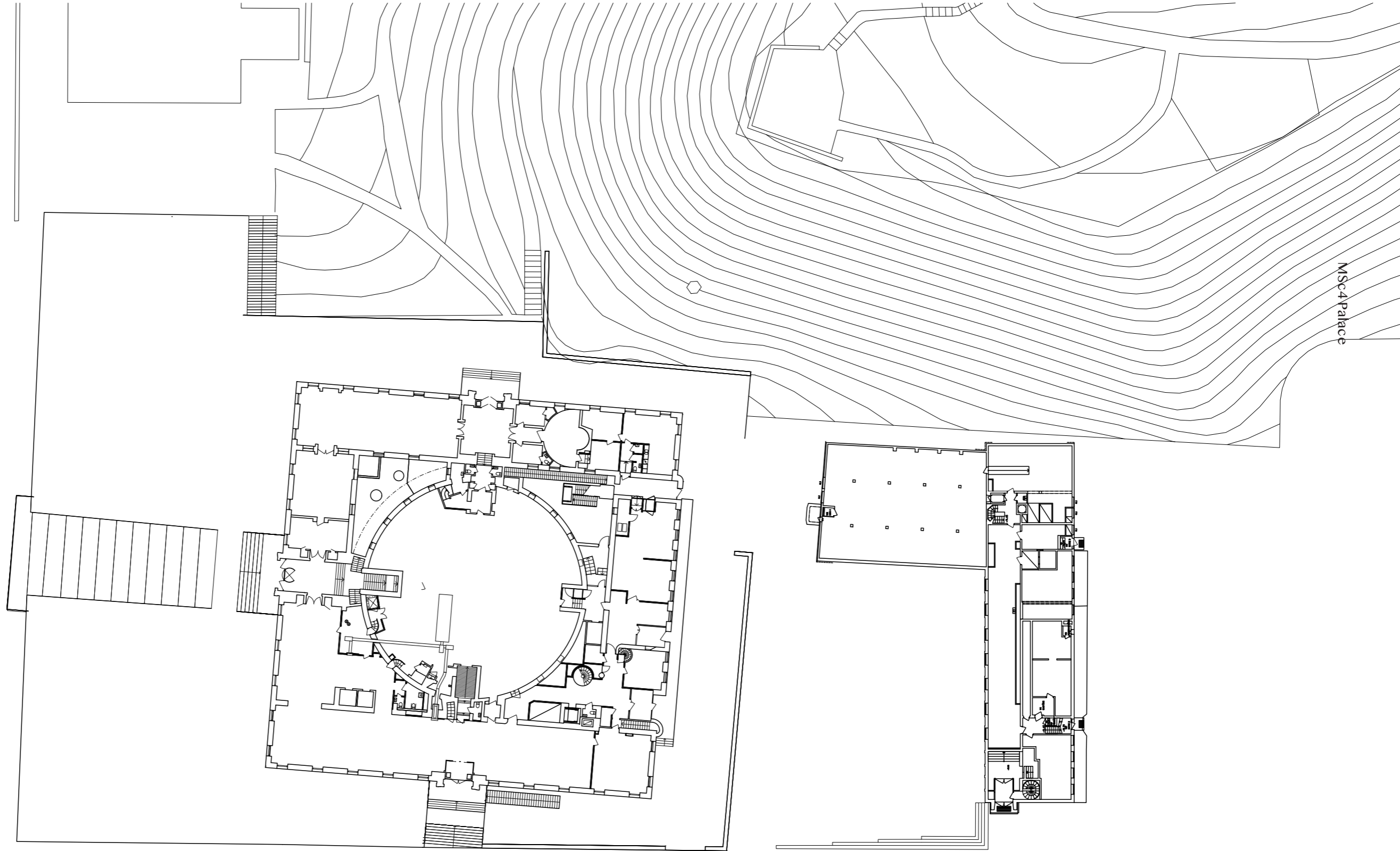
Plan Sveavagen level
Proposed situation
Scale 1:500



Plan Sveavagen level
Existing situation
Scale 1:200

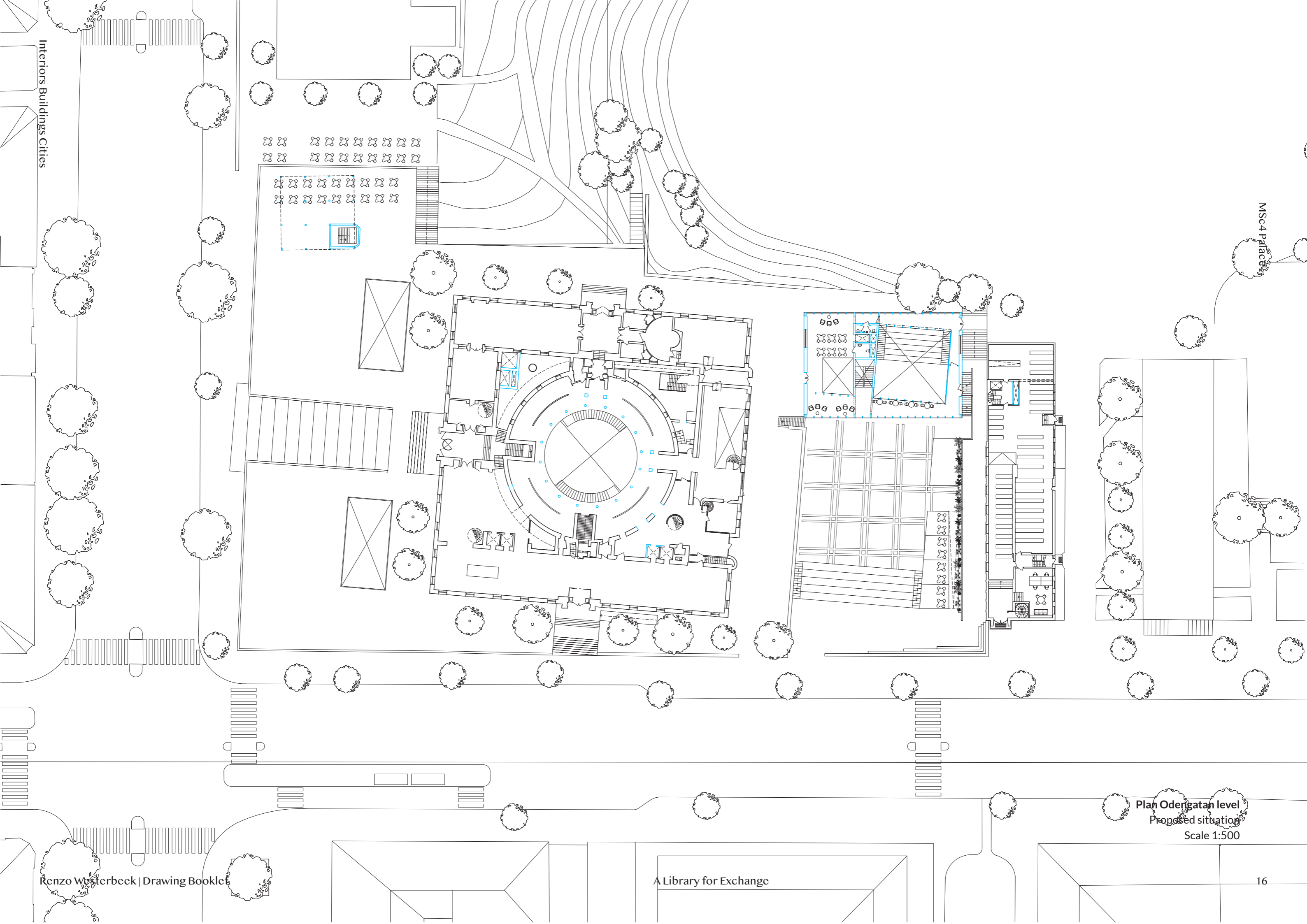


Plan Sveavagen level
Proposed situation
Scale 1:200



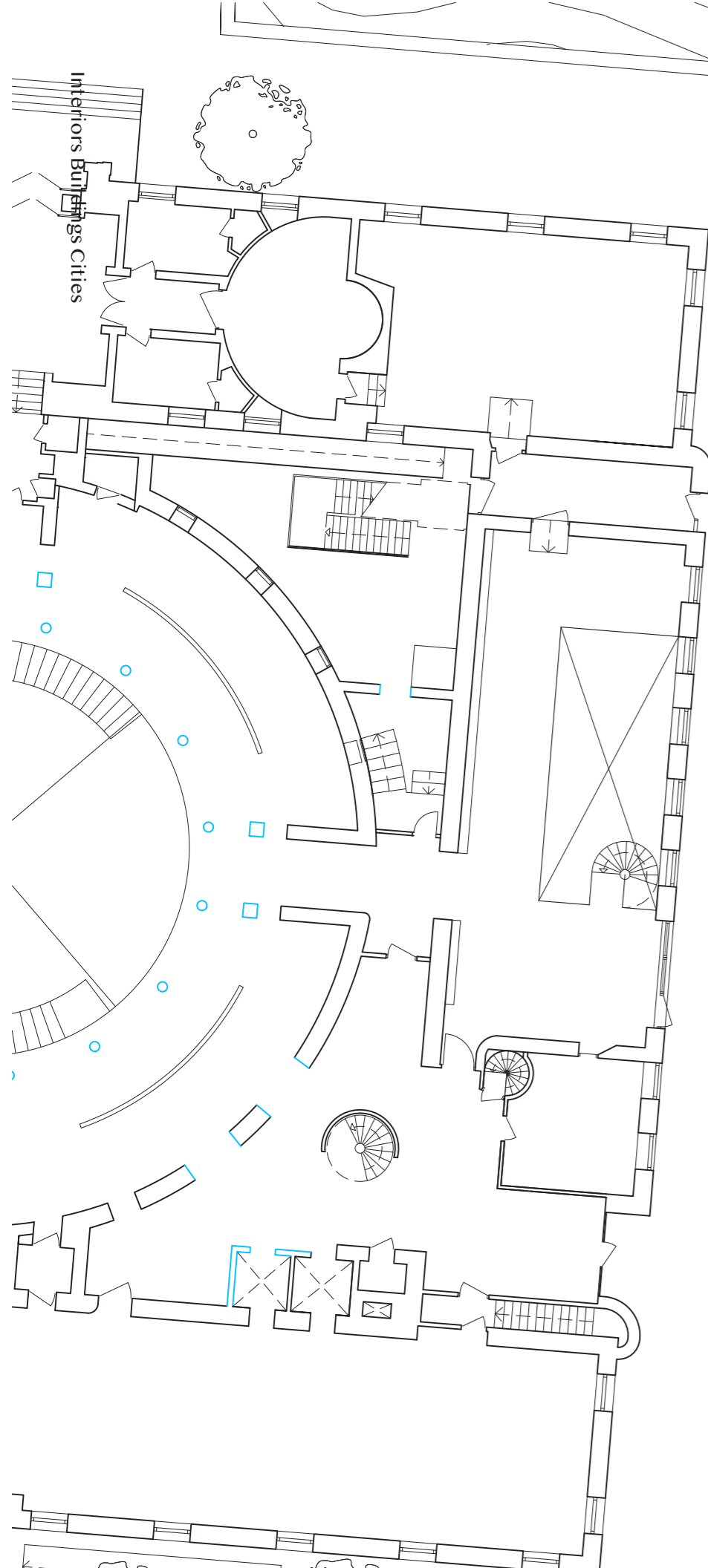
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Plan Odengan level
Existing situation
Scale 1:500



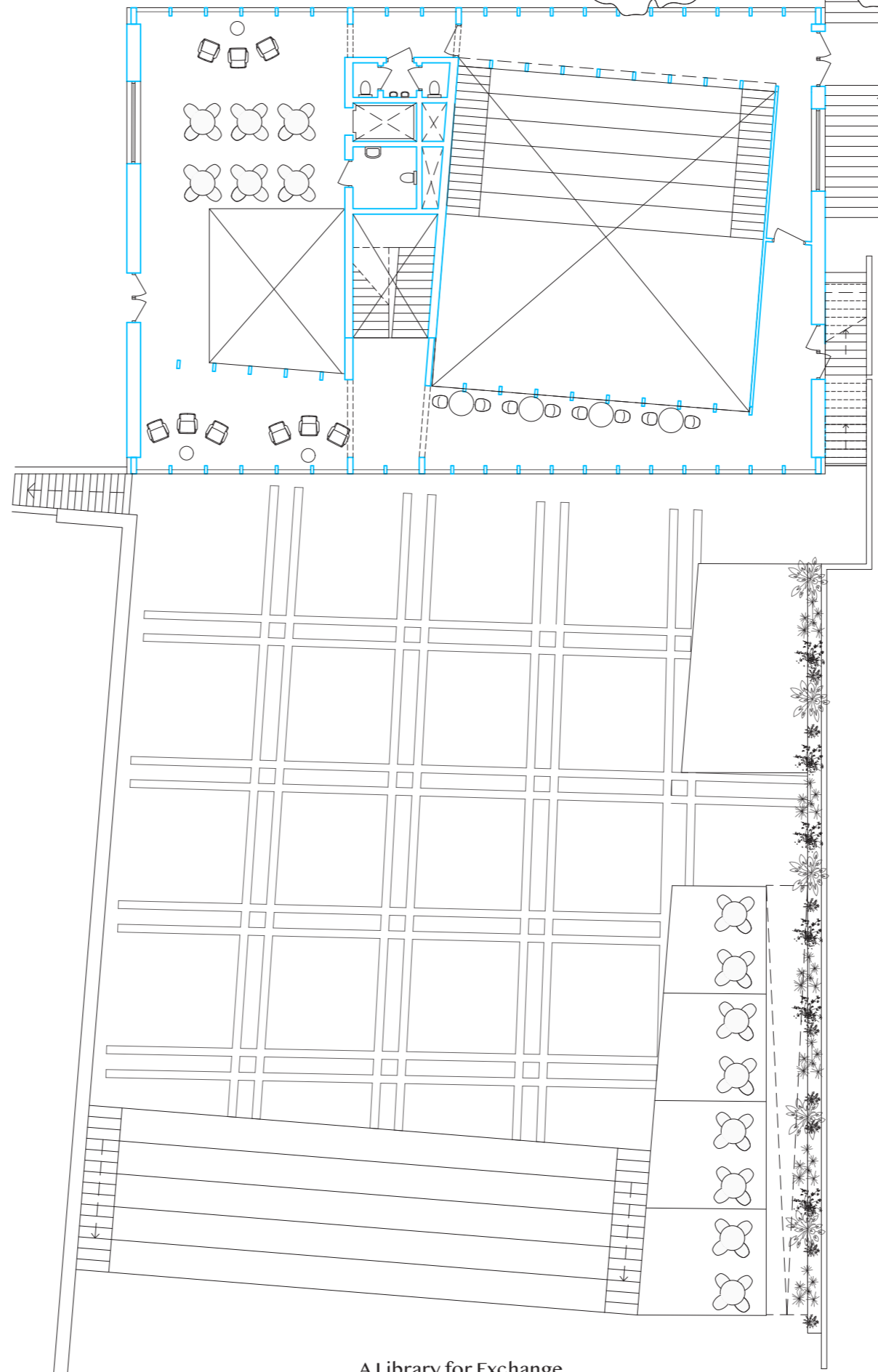
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Plan Odengatan level
Proposed situation
Scale 1:500

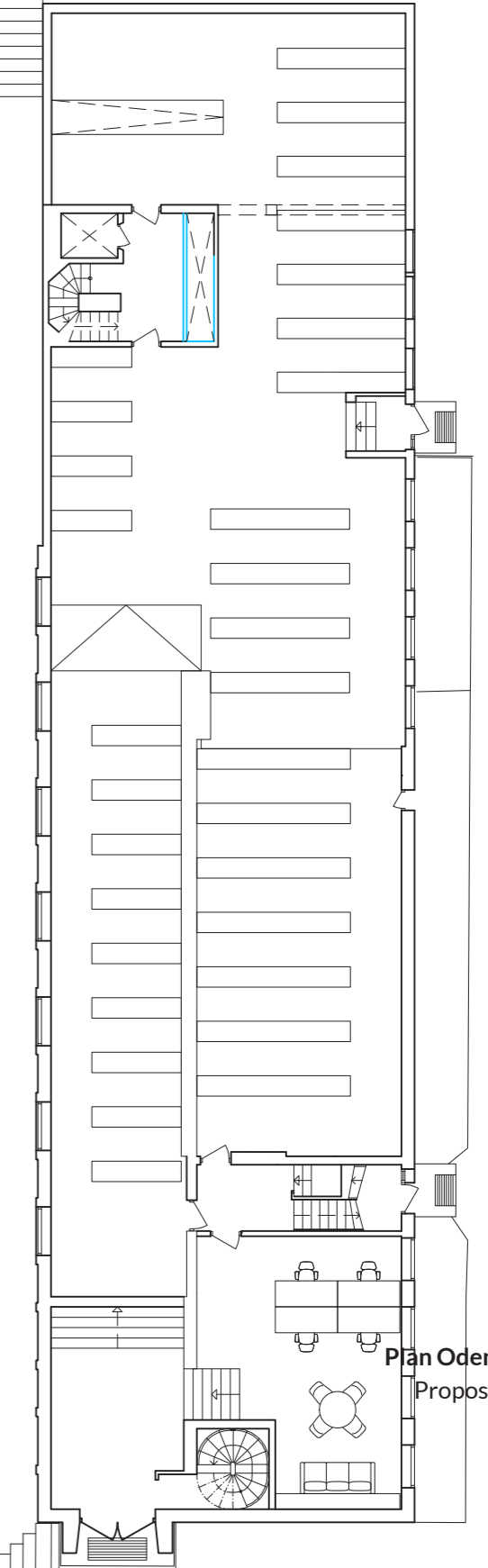


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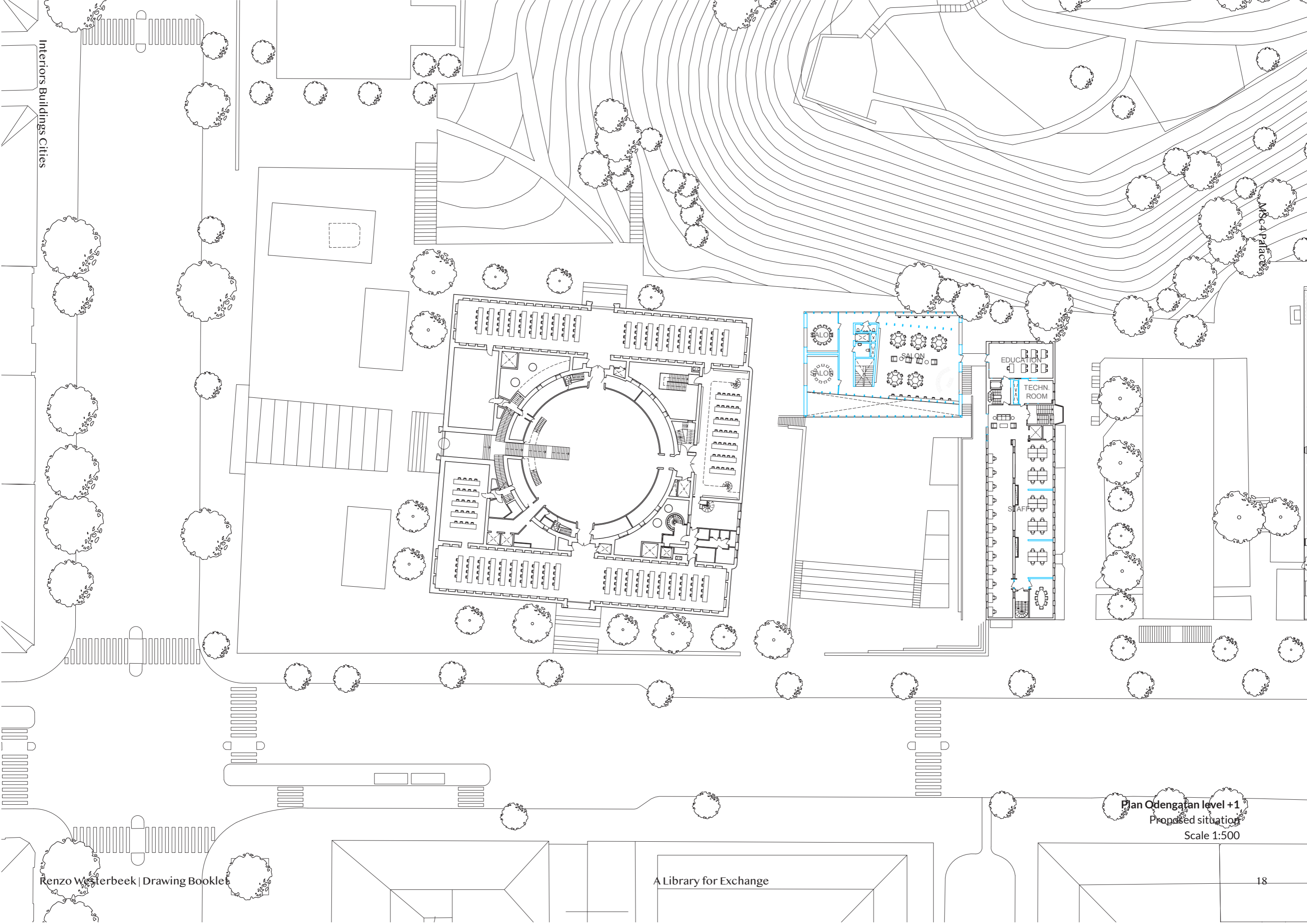


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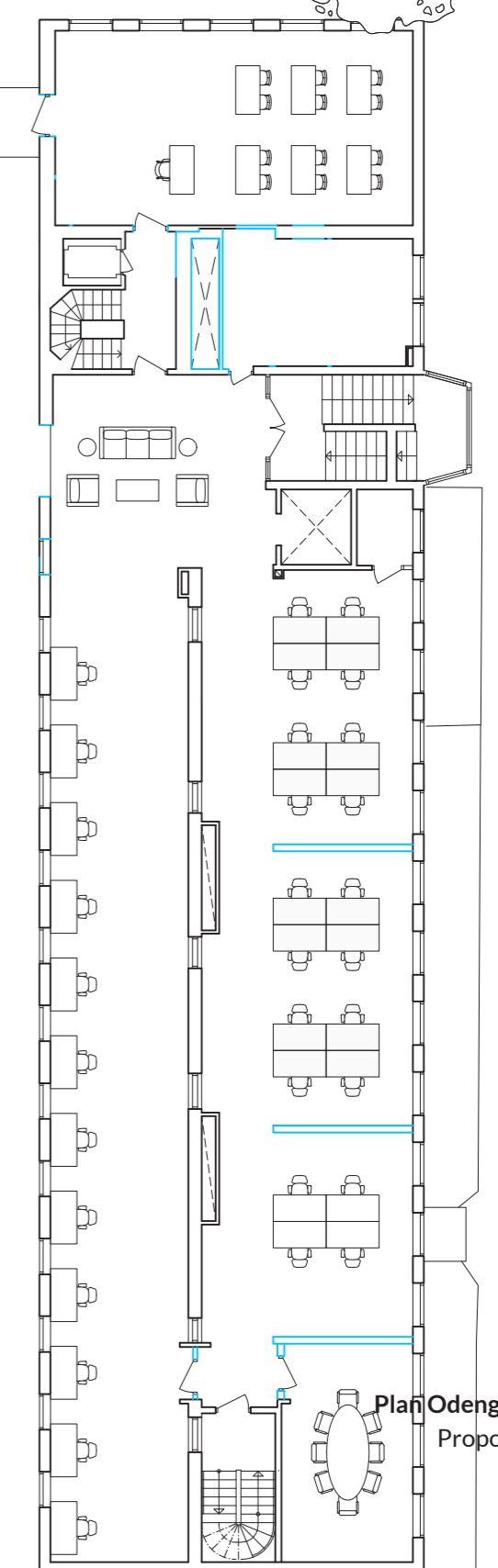
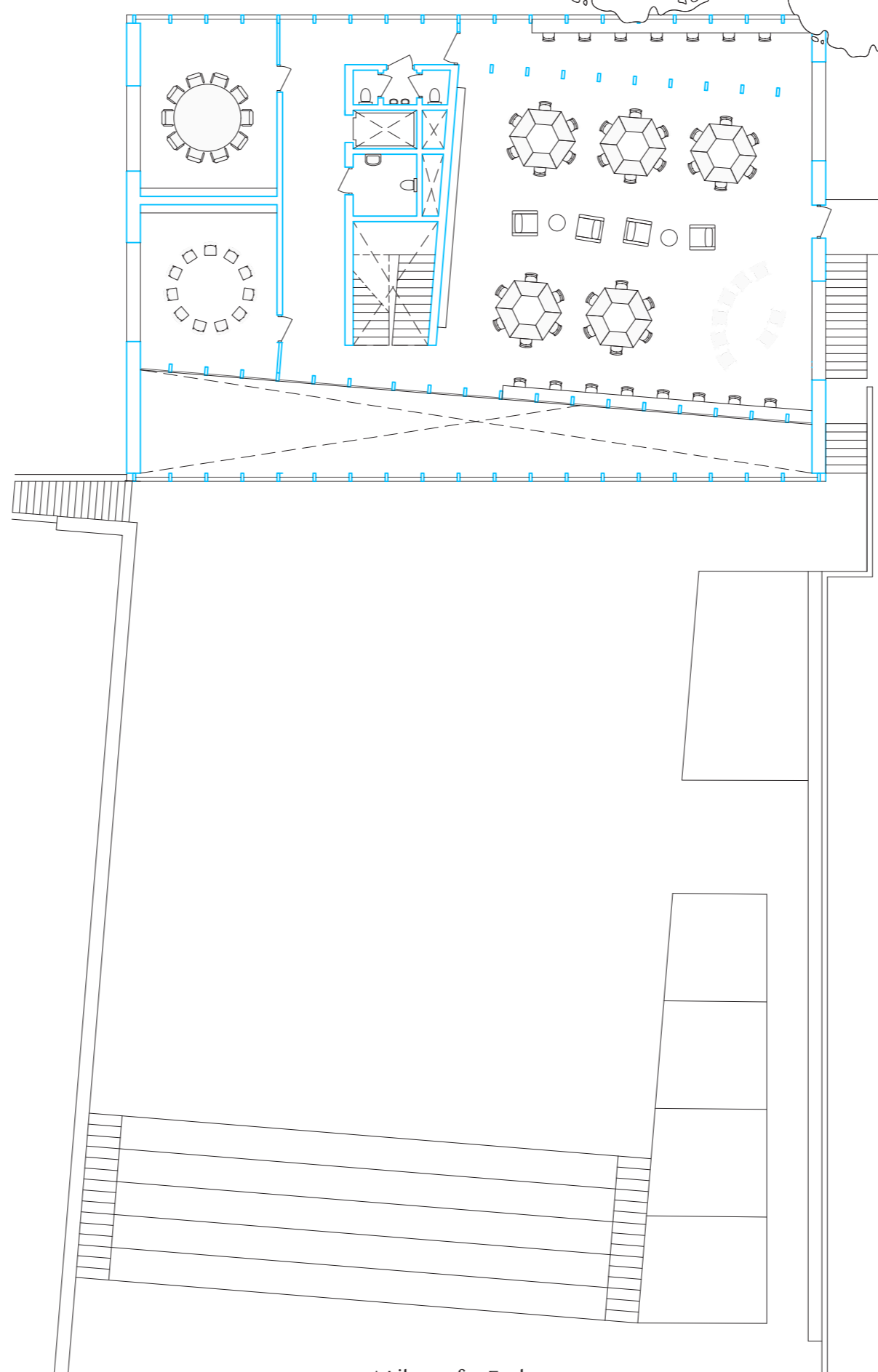
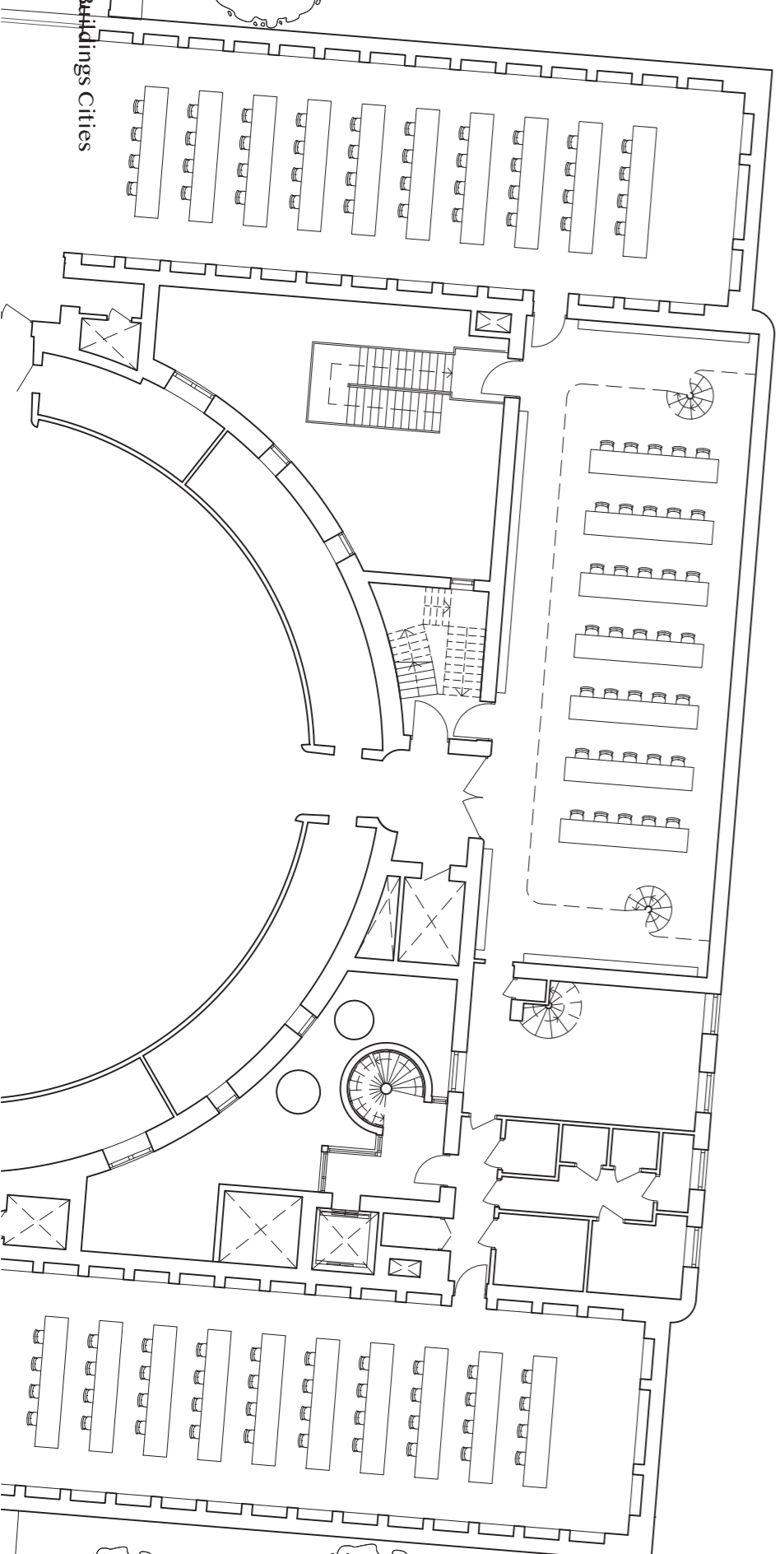


Plan Odengatan level
Proposed situation
Scale 1:200

MSc4 Palace

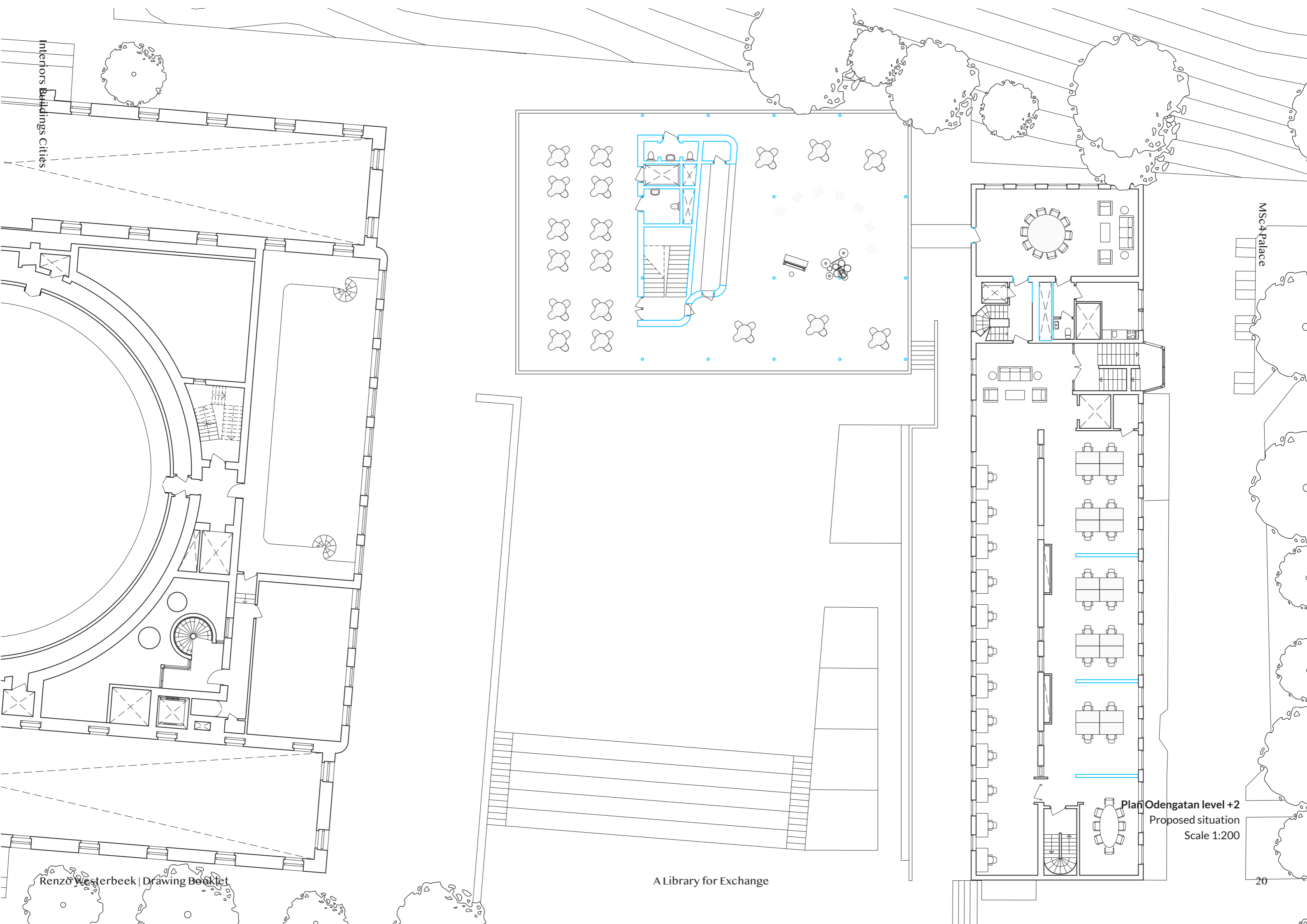


Plan Odengan level +1
Proposed situation
Scale 1:500



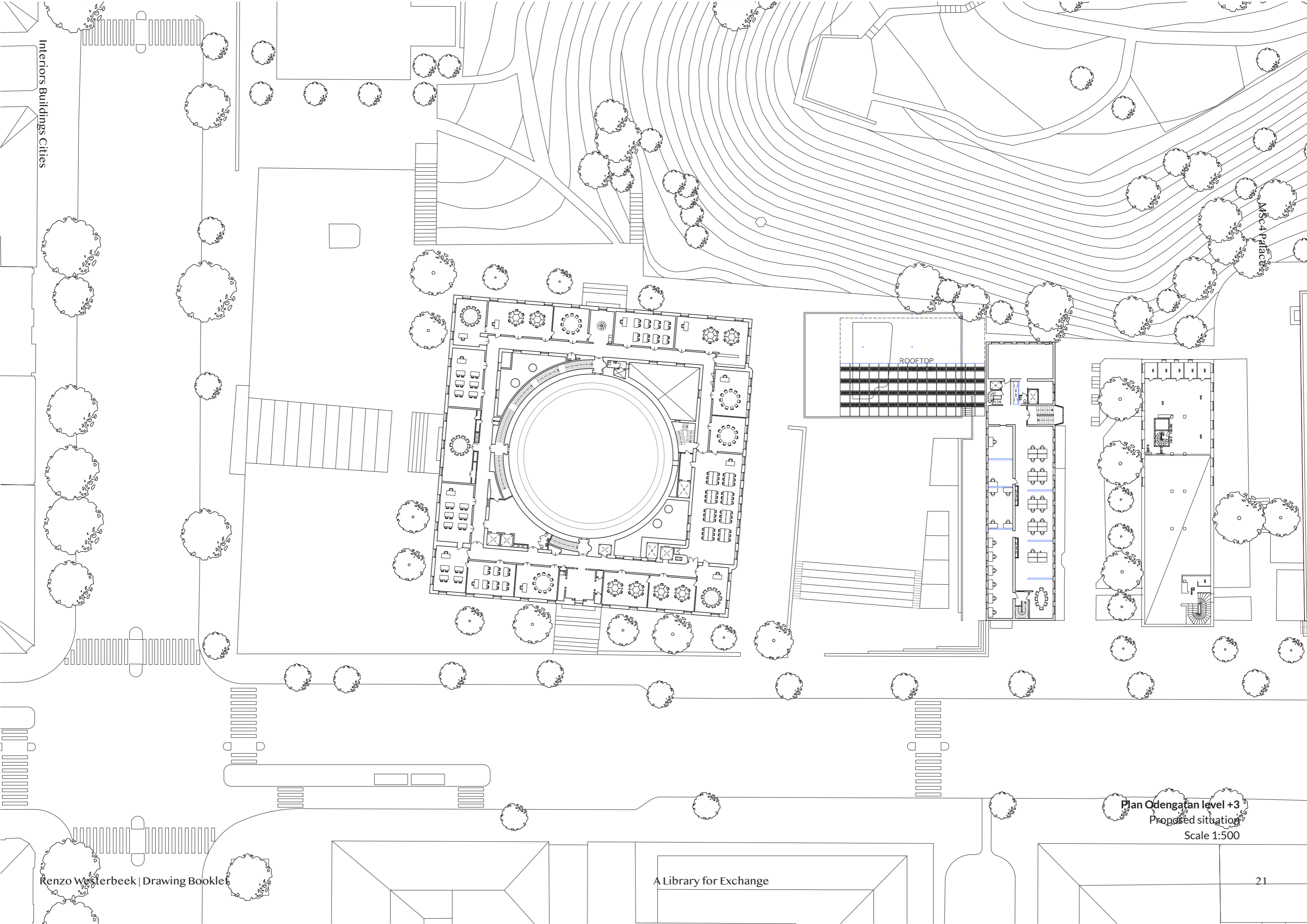
Plan Odengatan level +1
Proposed situation
Scale 1:200

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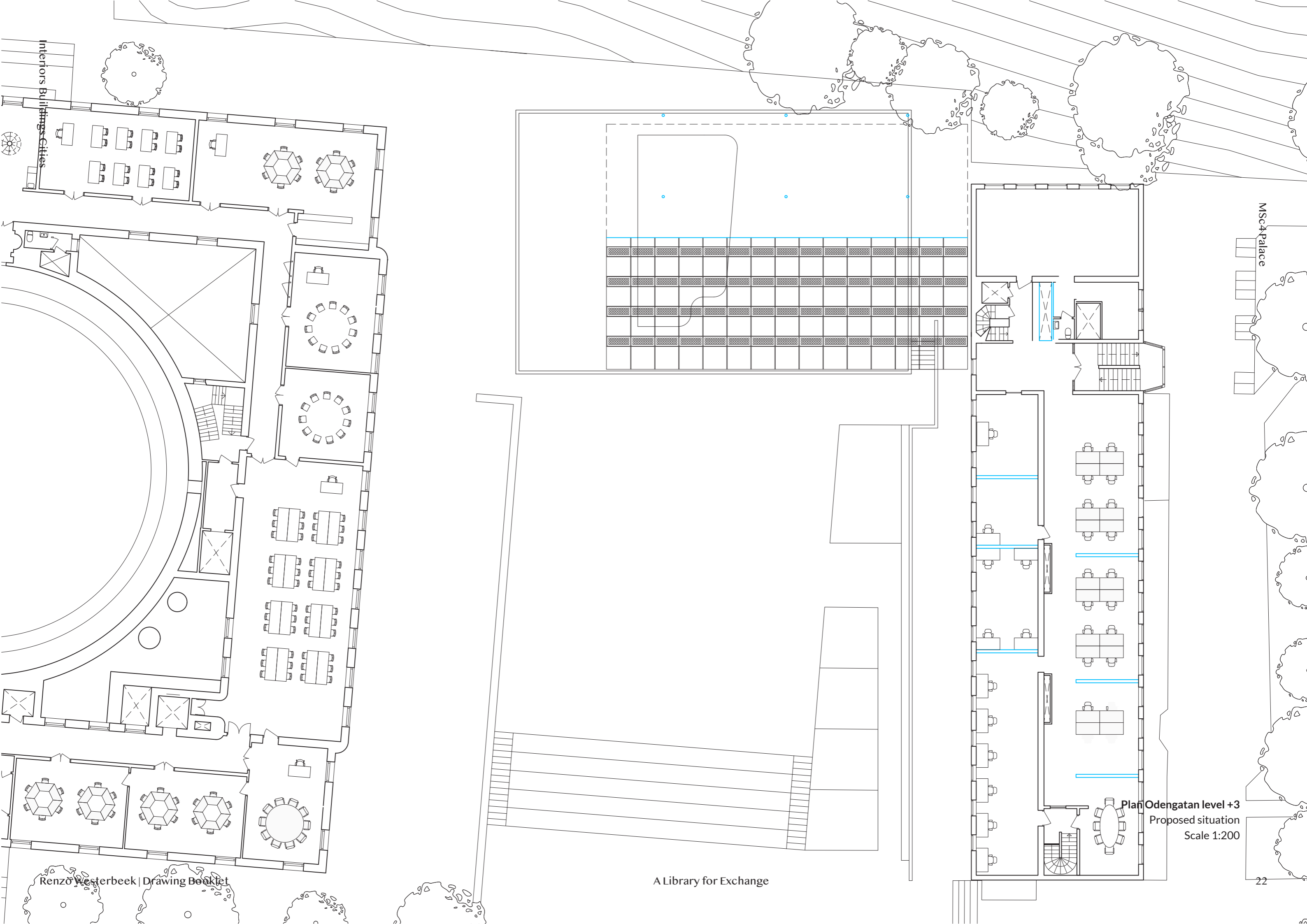
Plan Odengatan level +2
 Proposed situation
 Scale 1:200



MSc4 Palace

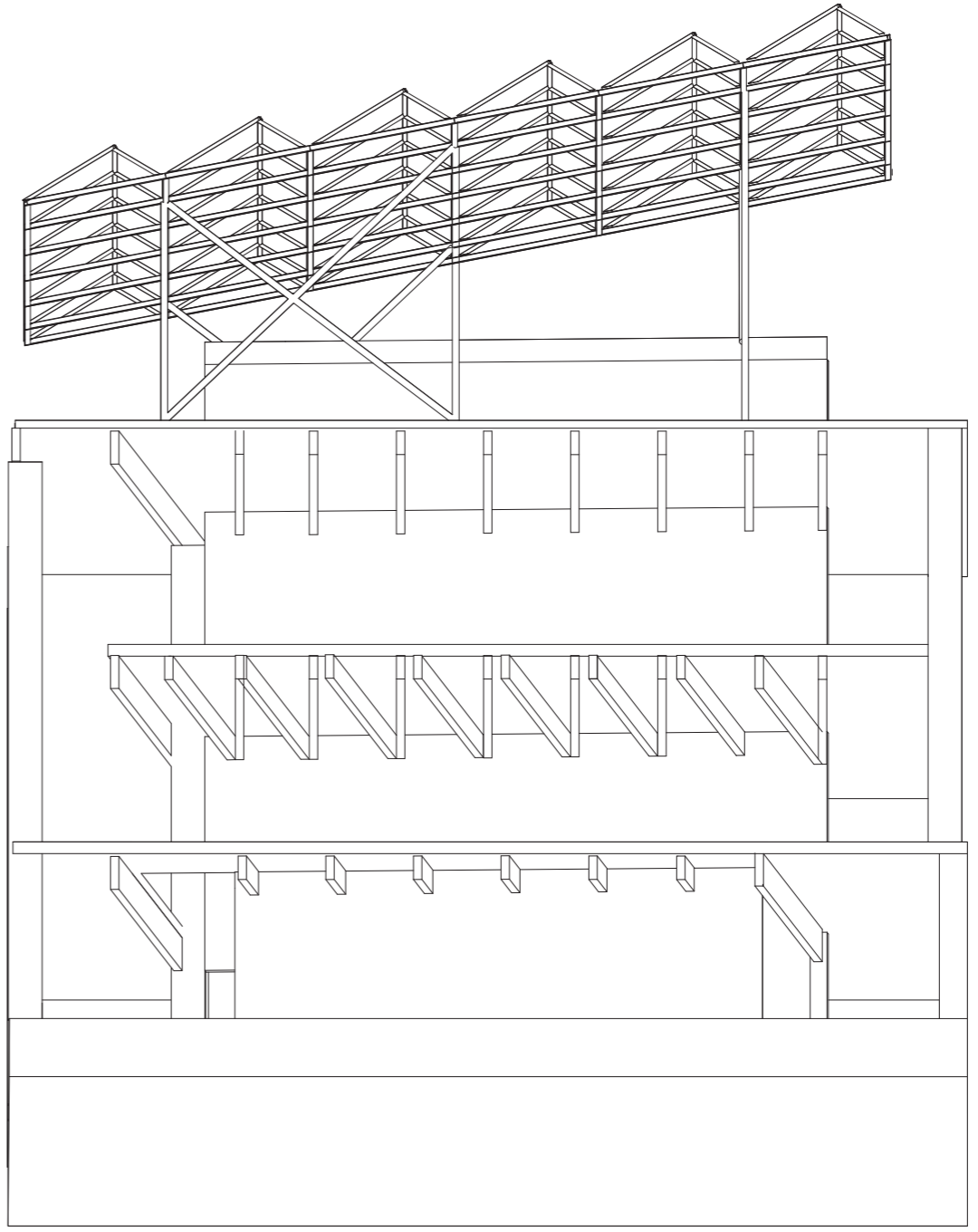
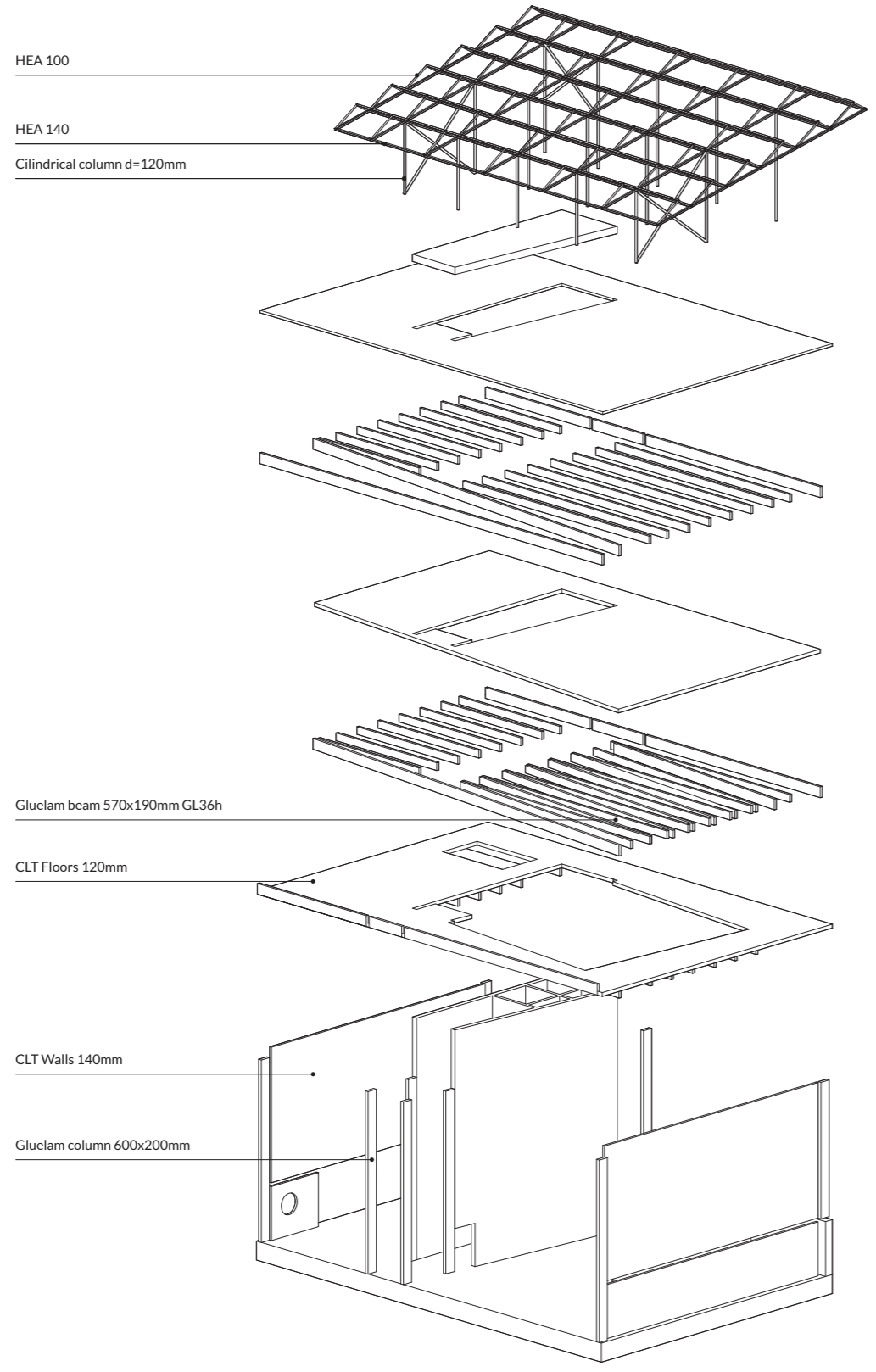
ROOFTOP

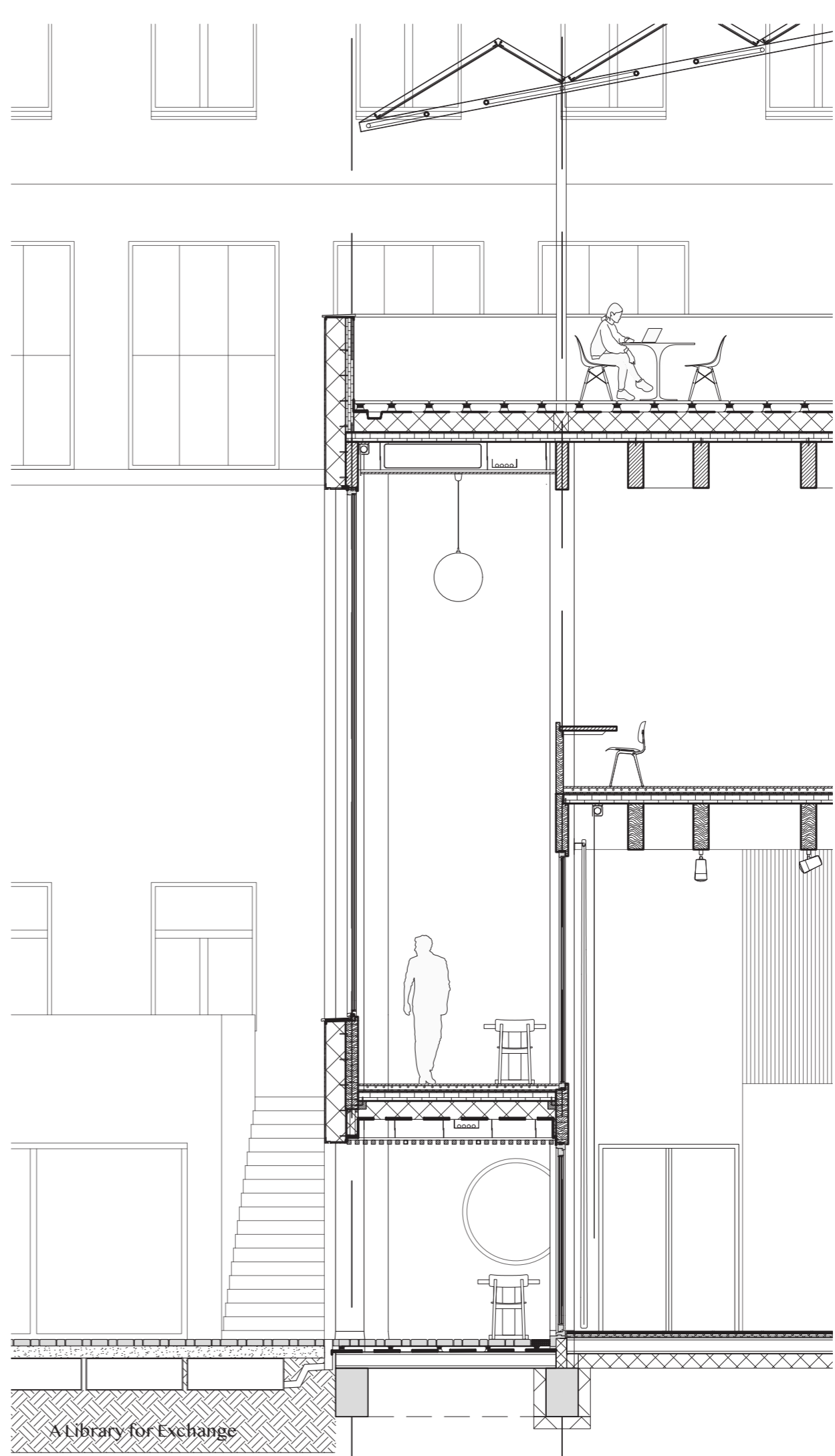
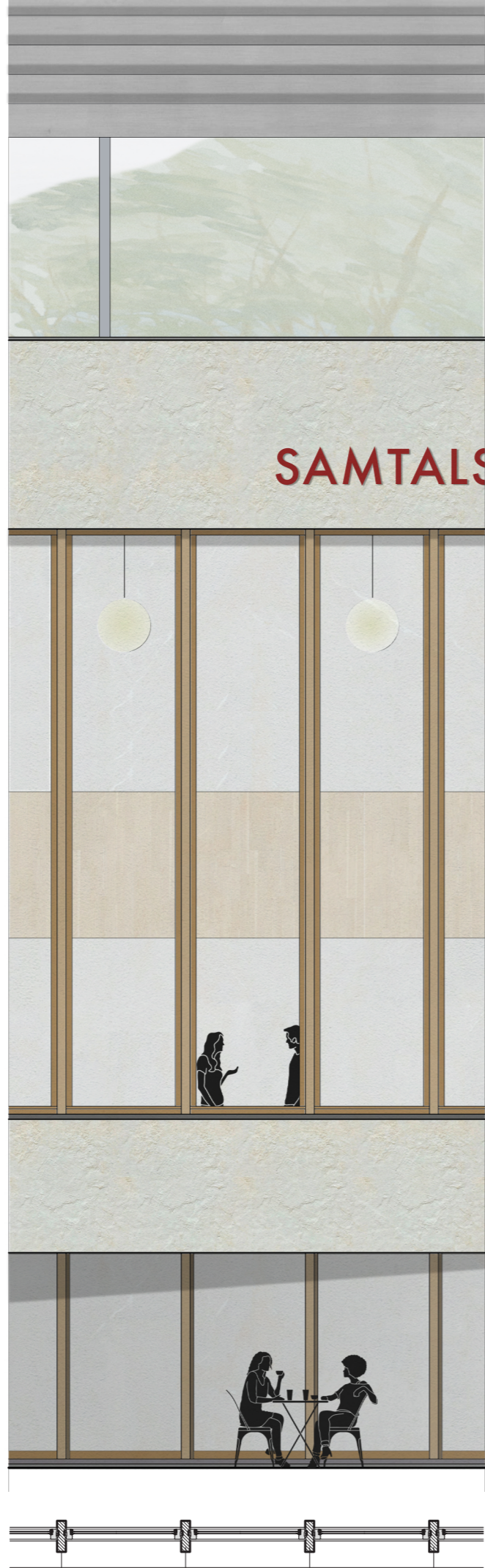
Plan Odengan level +3
Proposed situation
Scale 1:500

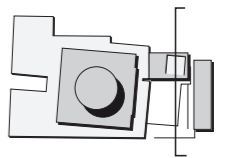
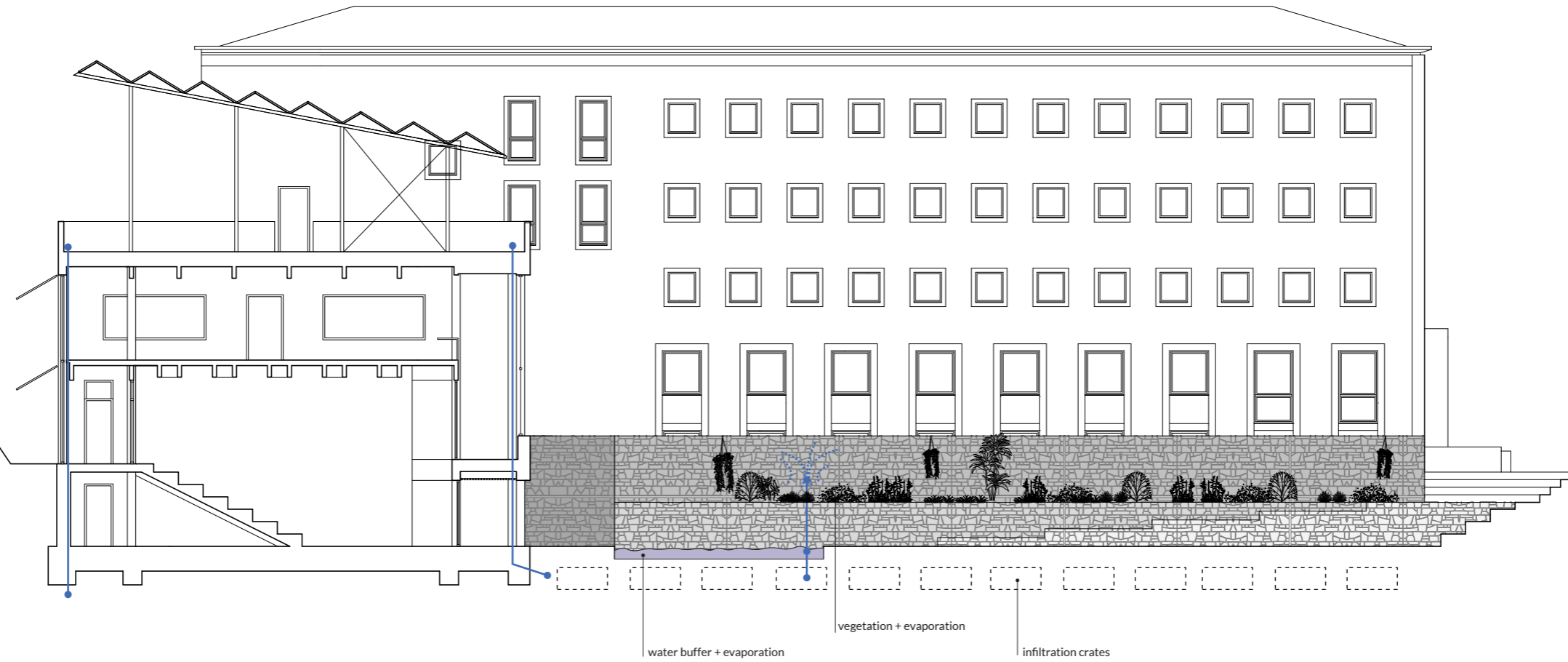


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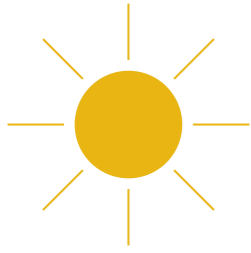
Msc4 Palace







Section DD
Climate water
Scale 1:250



solar panels east/west

solar panel at 40° (Stockholm optimal)

covered terrace

mechanical ventilation

movable shading system

manually openable windows

daylight (north)

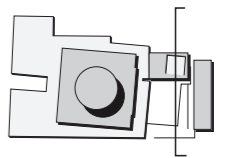
installations

covered terrace

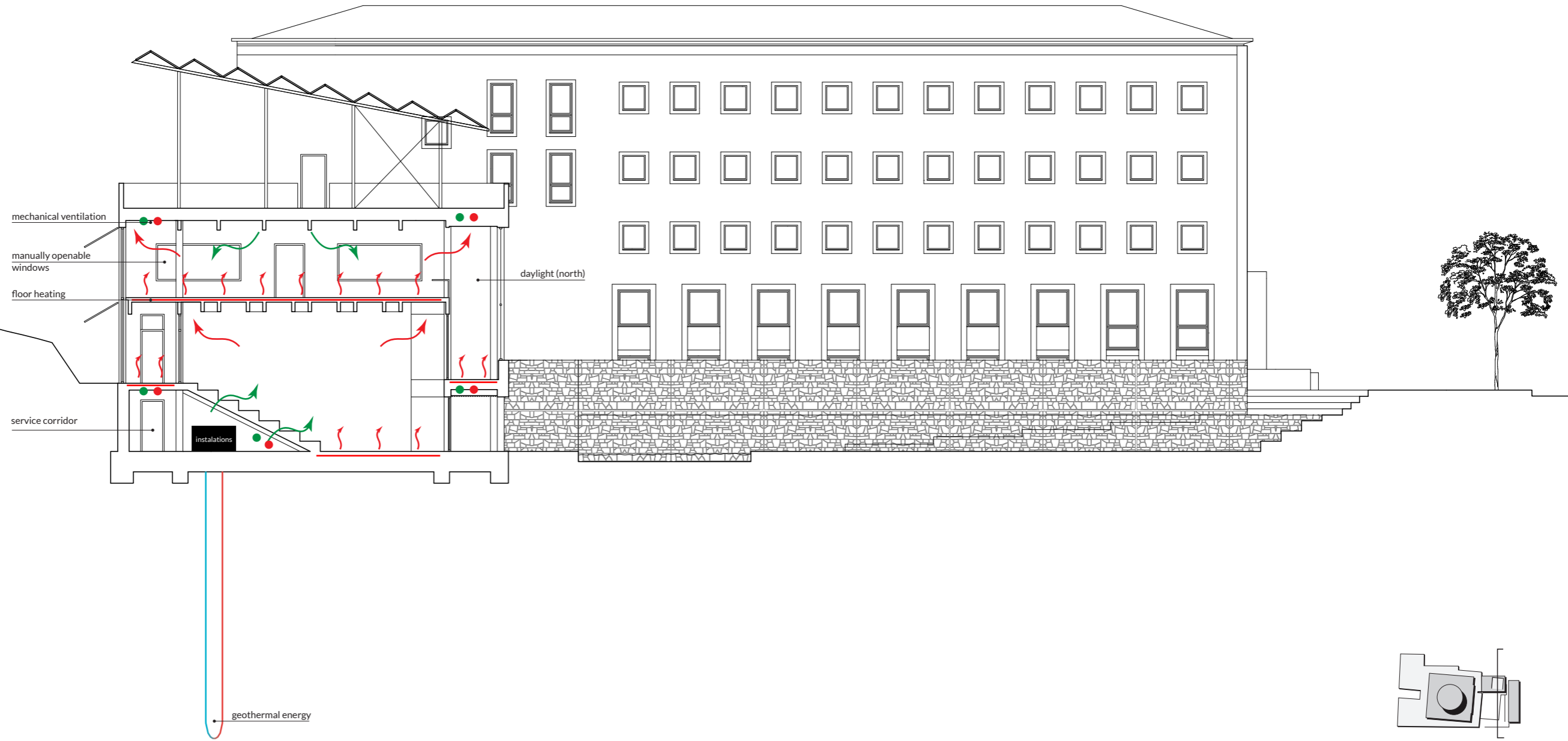
water buffer (evaporation/cooling)

temperature buffer (mass)
vegetation (evaporation/cooling)

terrace in the sun



Section DD
Climate summer
Scale 1:250



Section DD
Climate winter
Scale 1:250