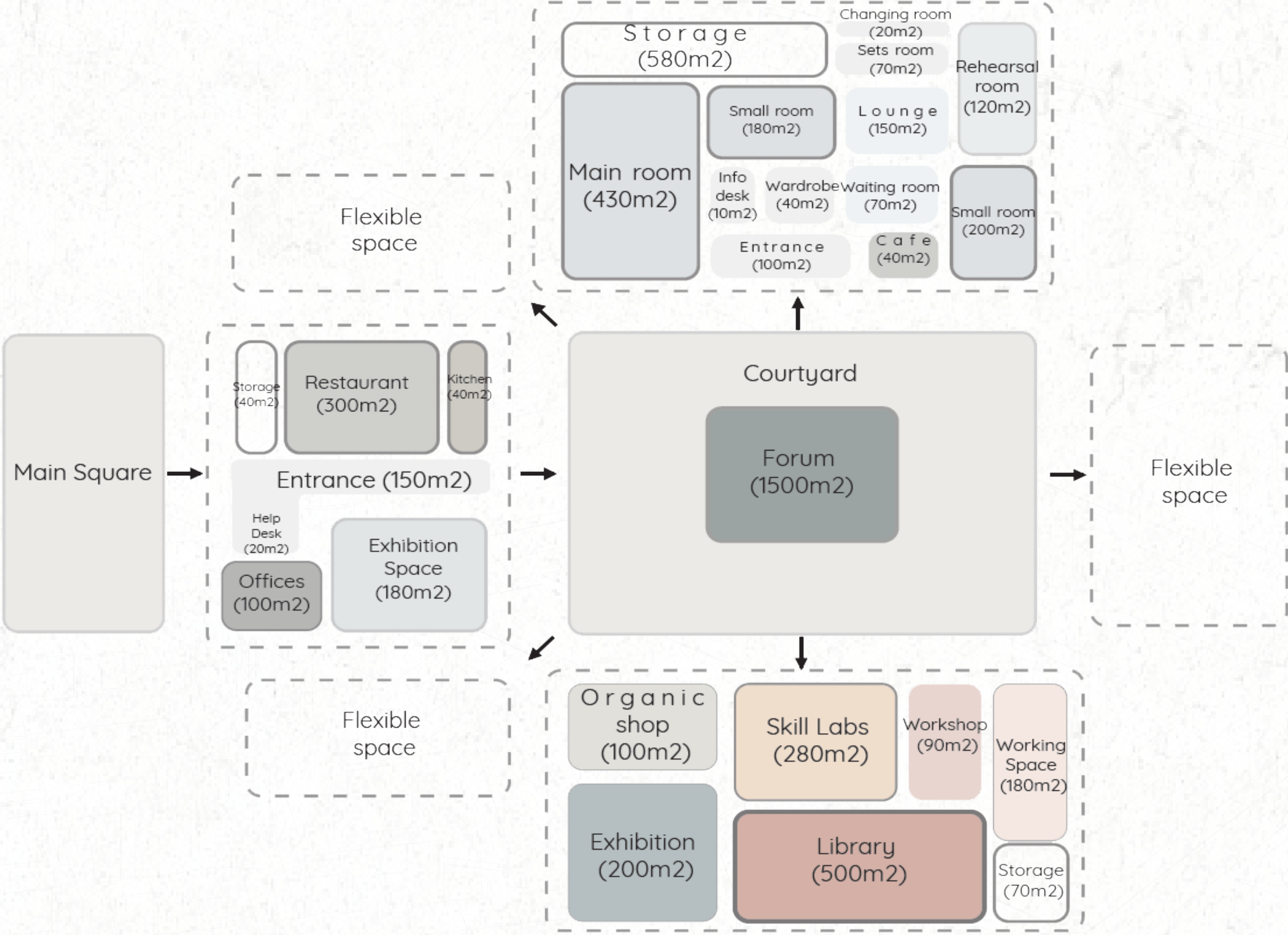
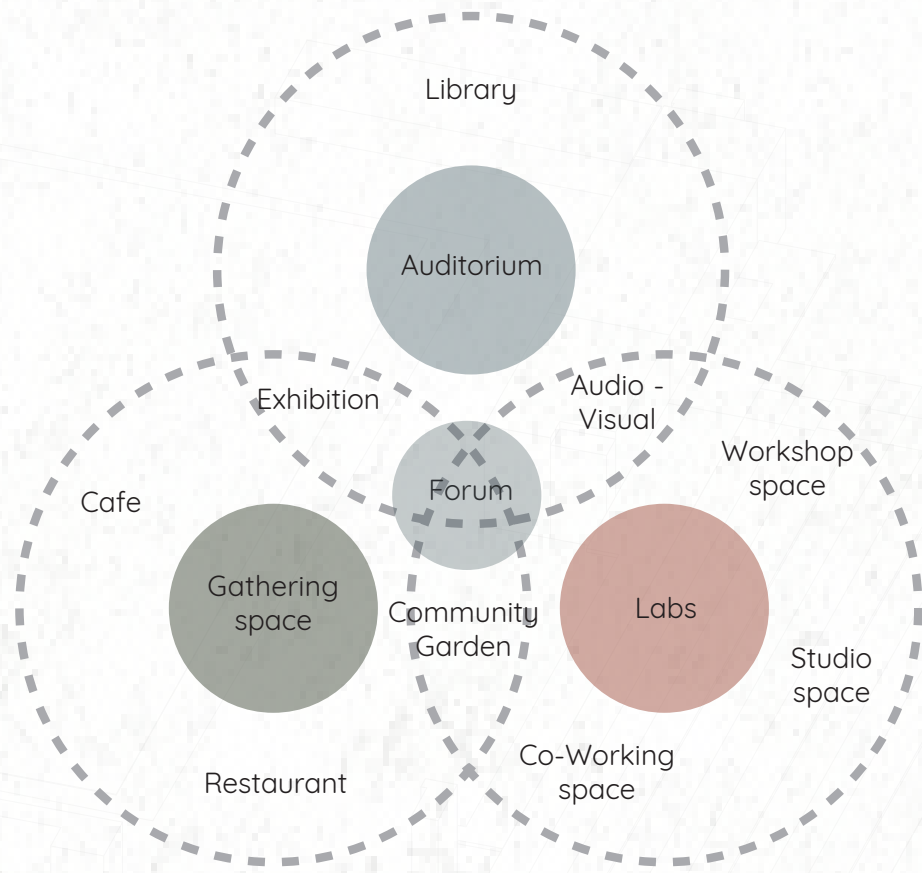


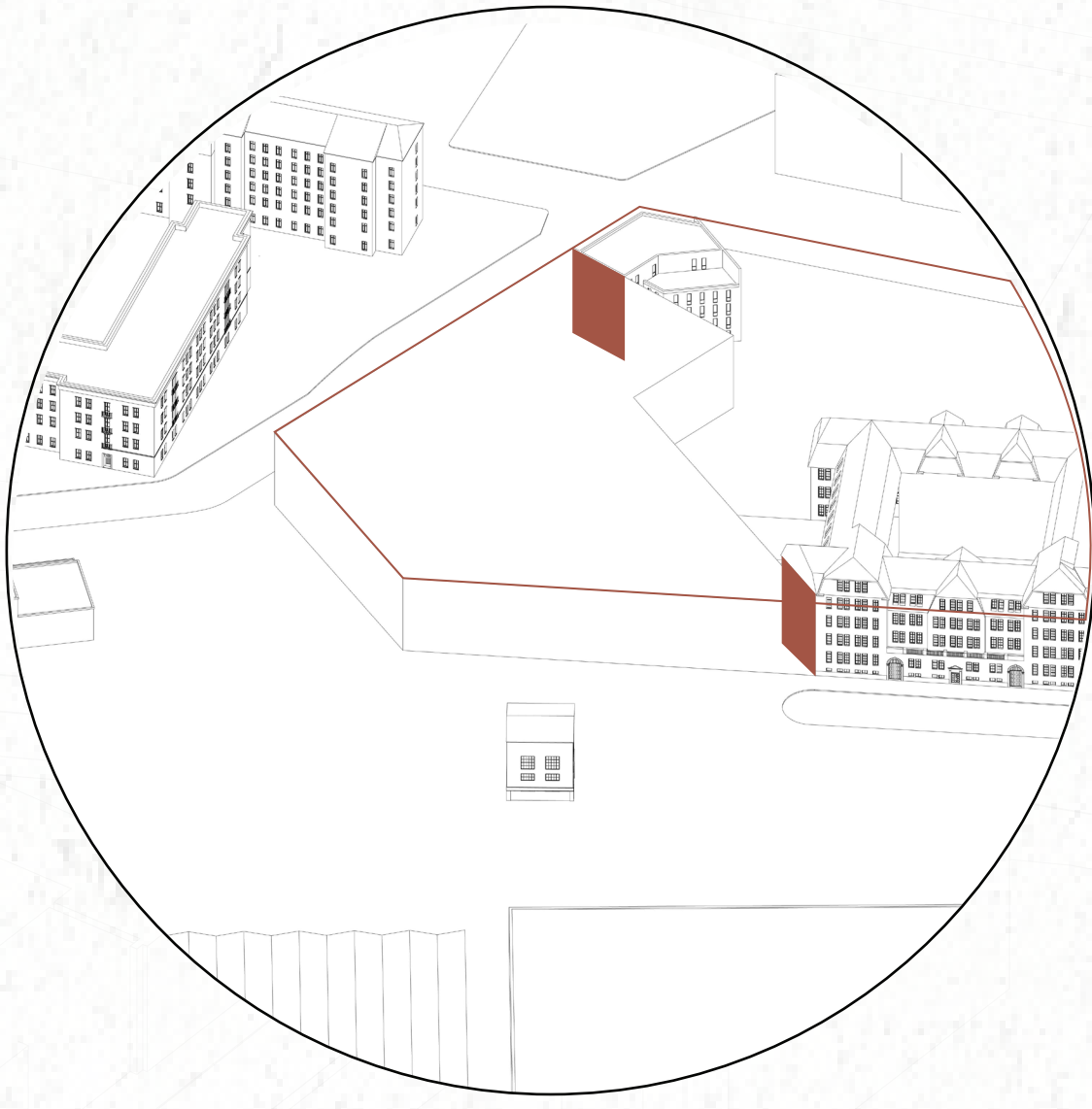
THE MIDDLE GROUND

Of Social Debate

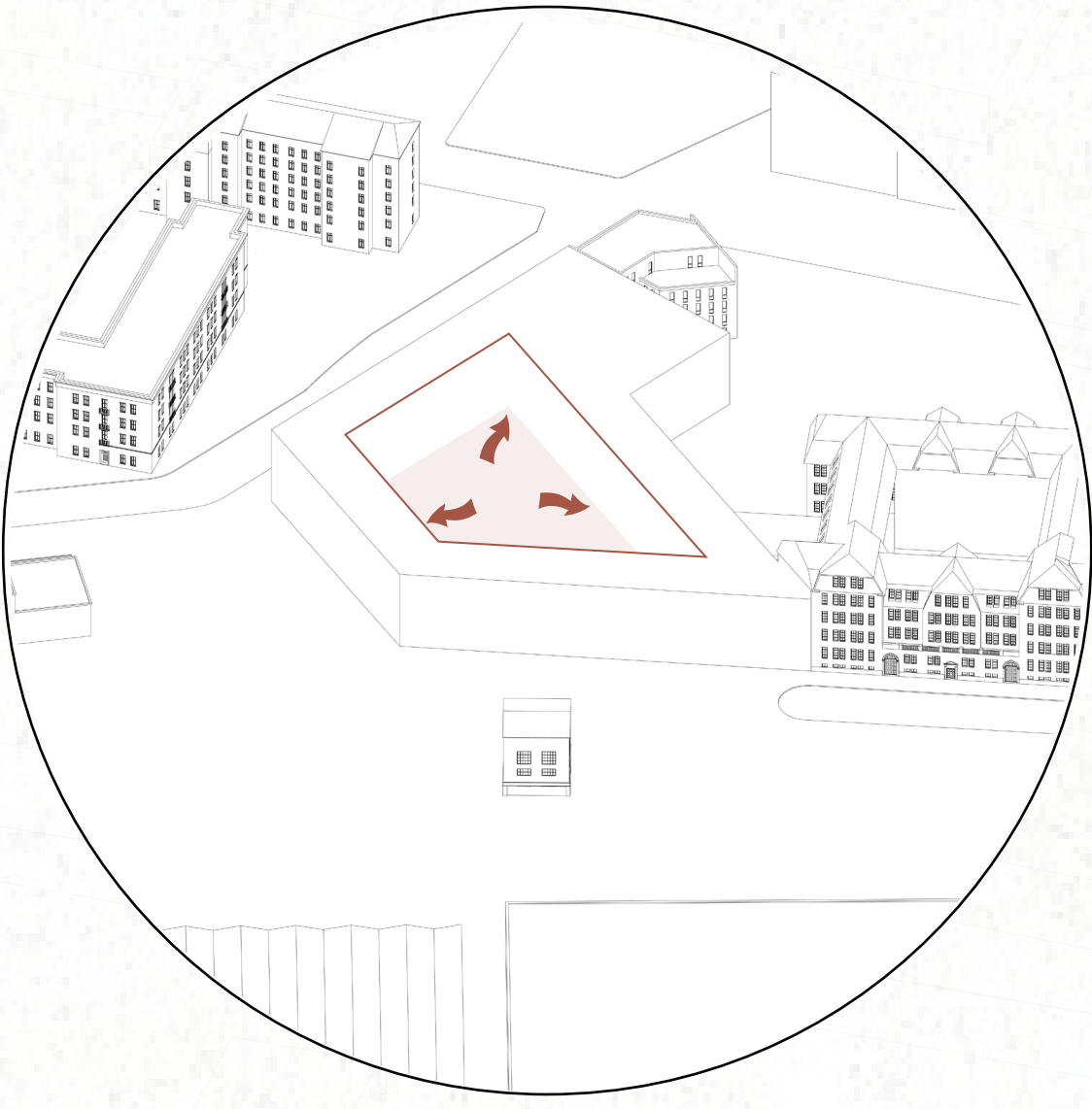
Vlad-Gabriel Dobran (4853679)



Program Diagram



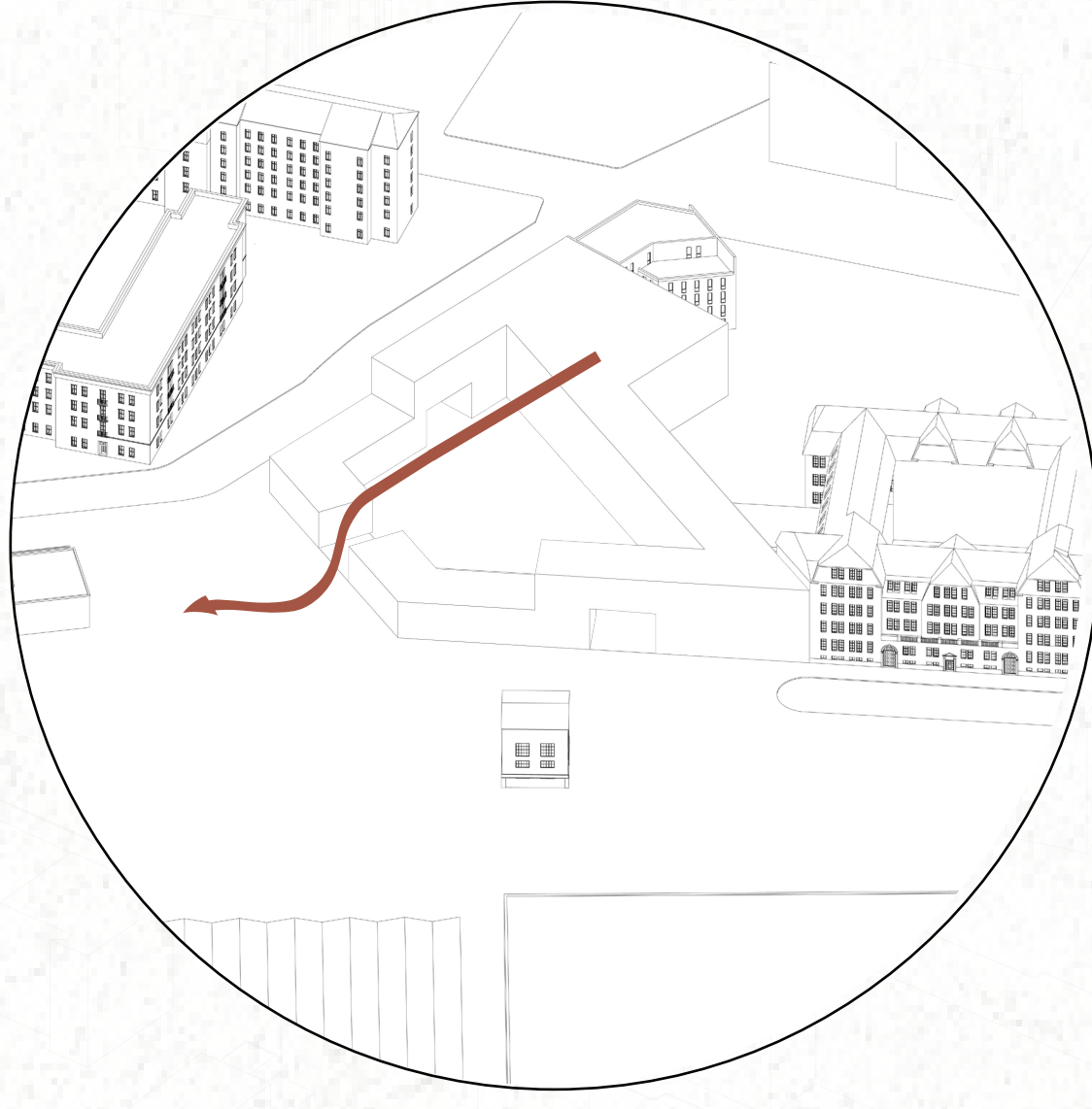
Building Block Enclose



Courtyard Organization



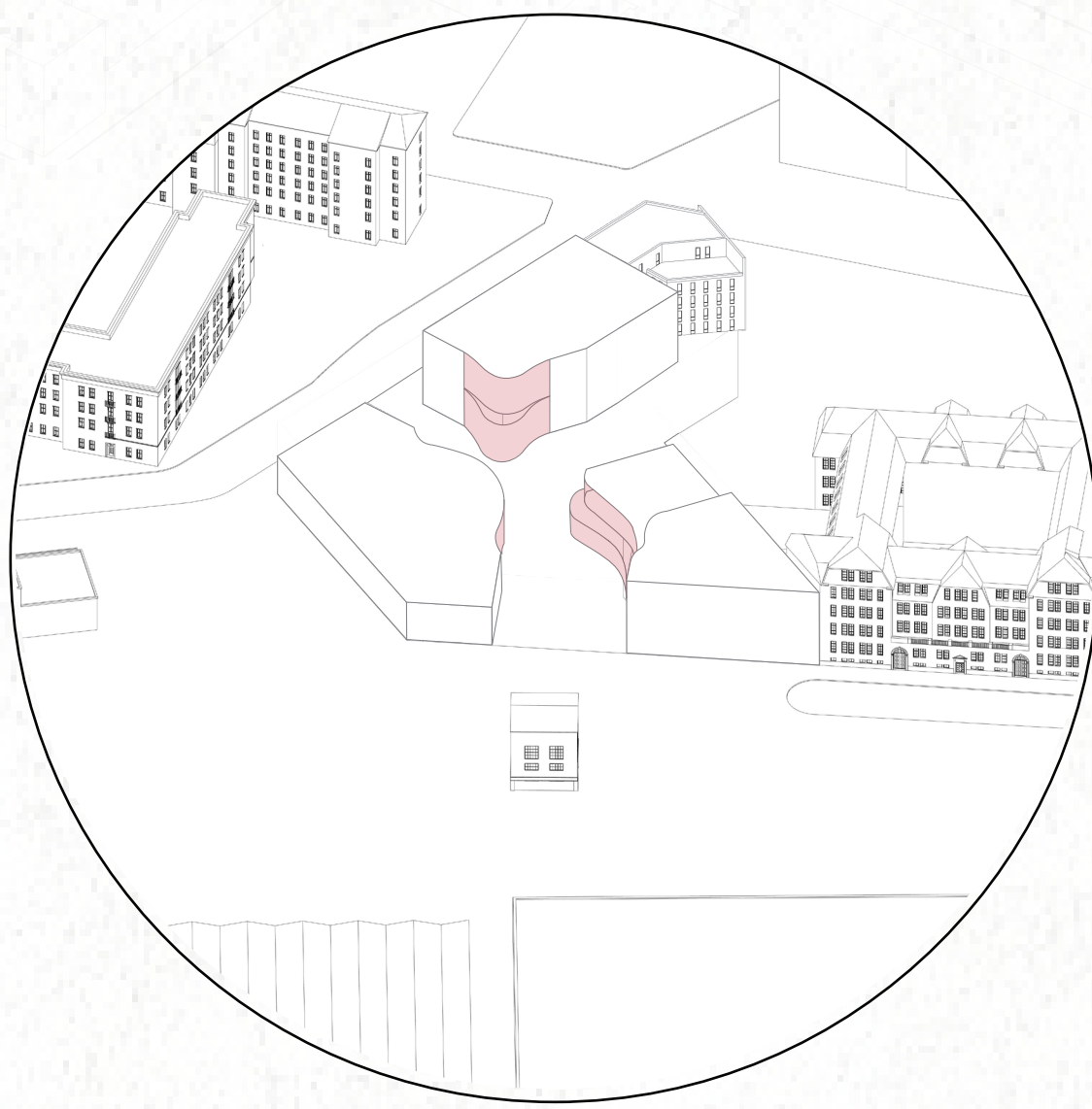
Pathway Flow



Height Transition



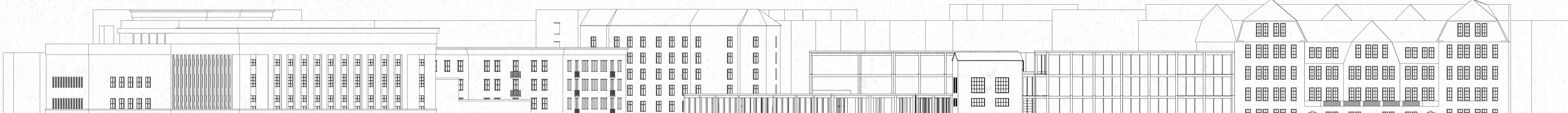
Future Development



Organic Green Terraces



Master Plan
Scale 1:1000

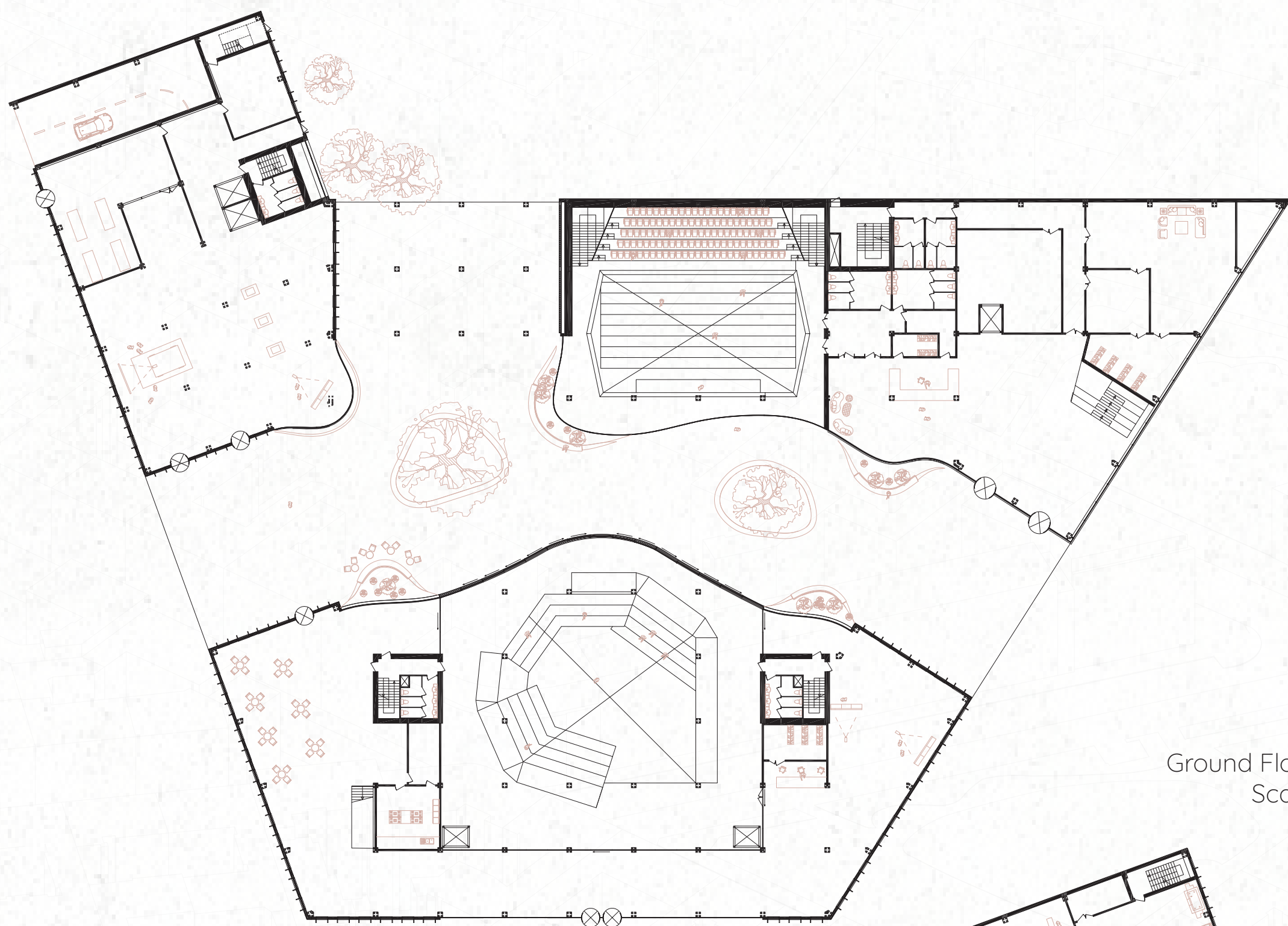
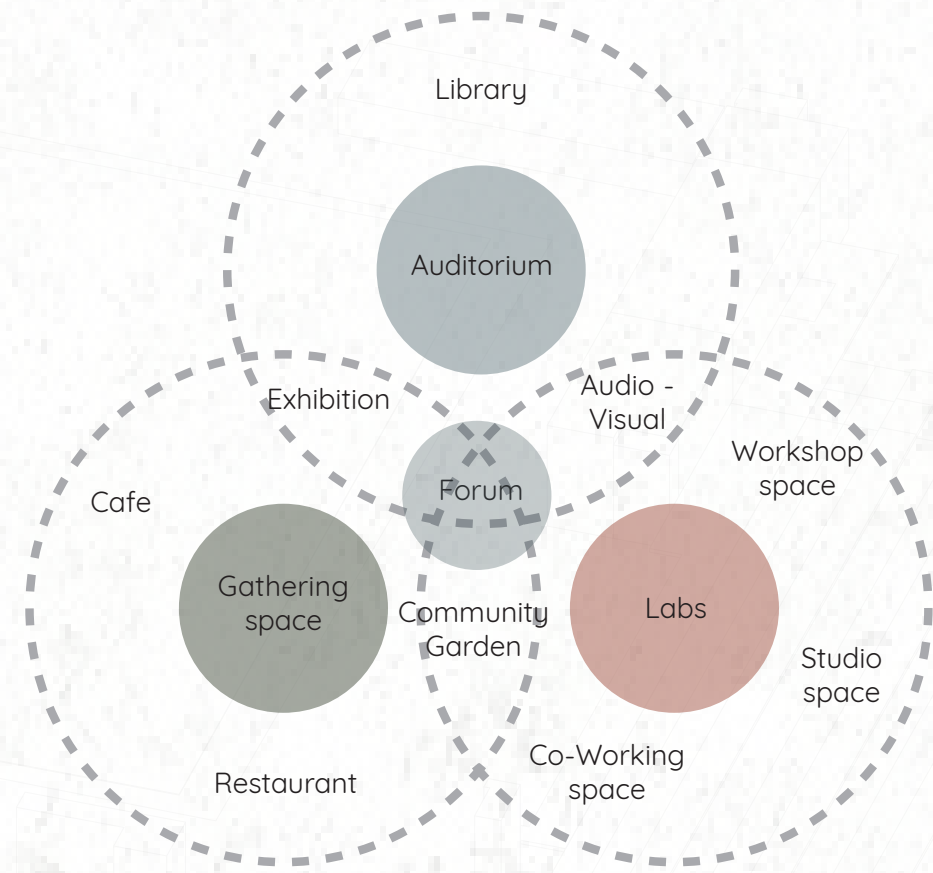


Cityscape Section
Scale 1:500

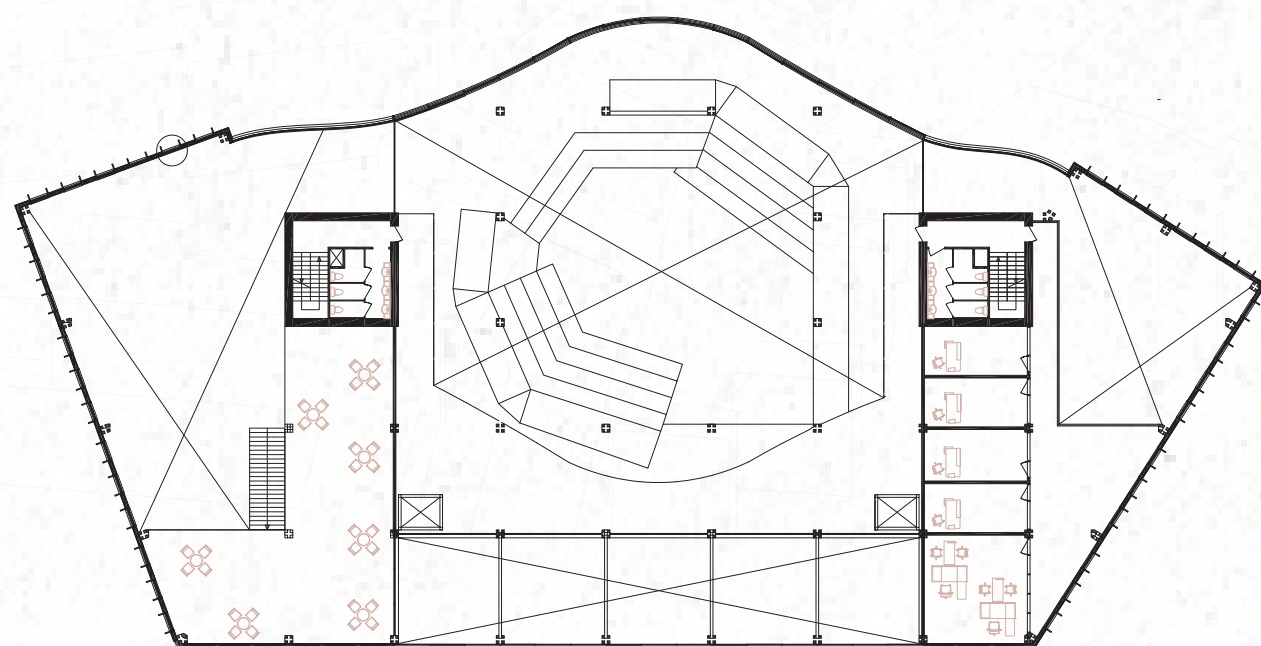
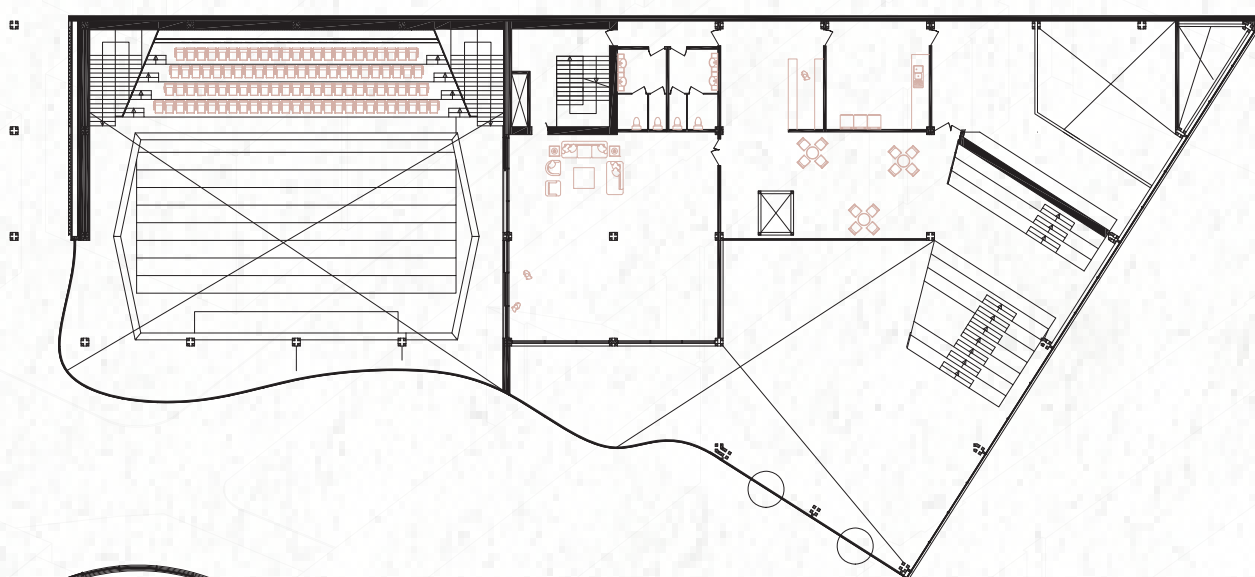
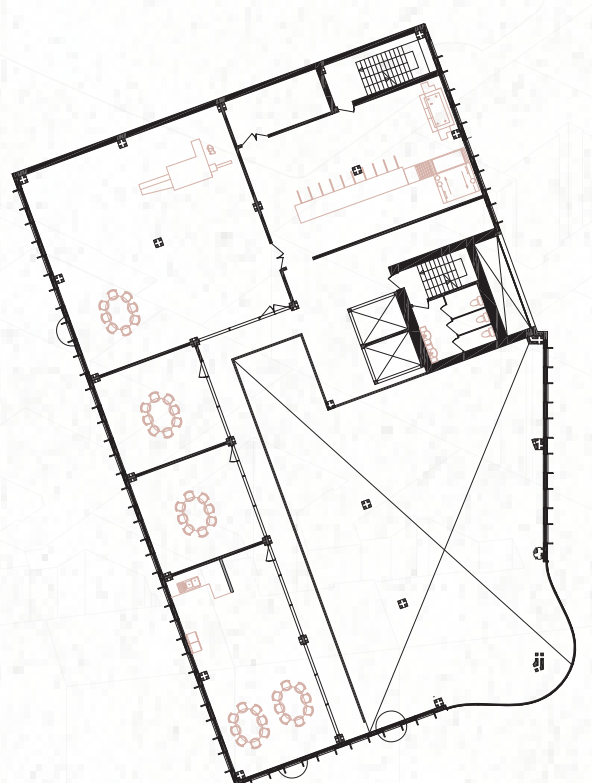
THE MIDDLE GROUND

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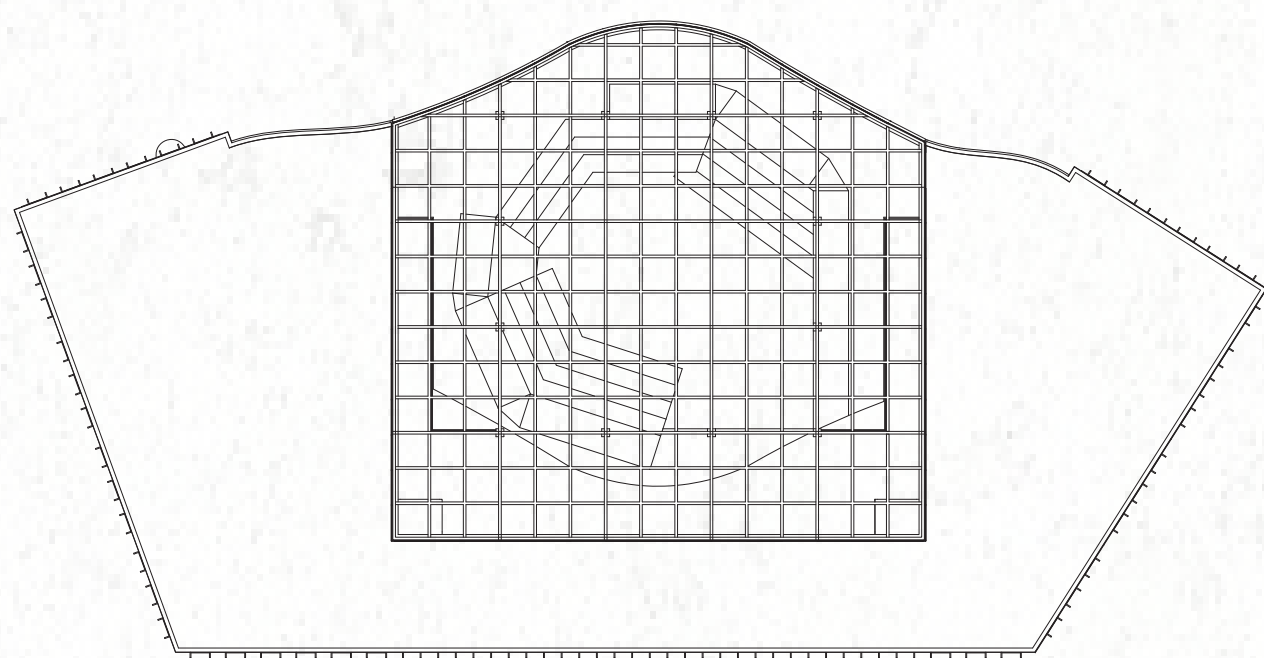
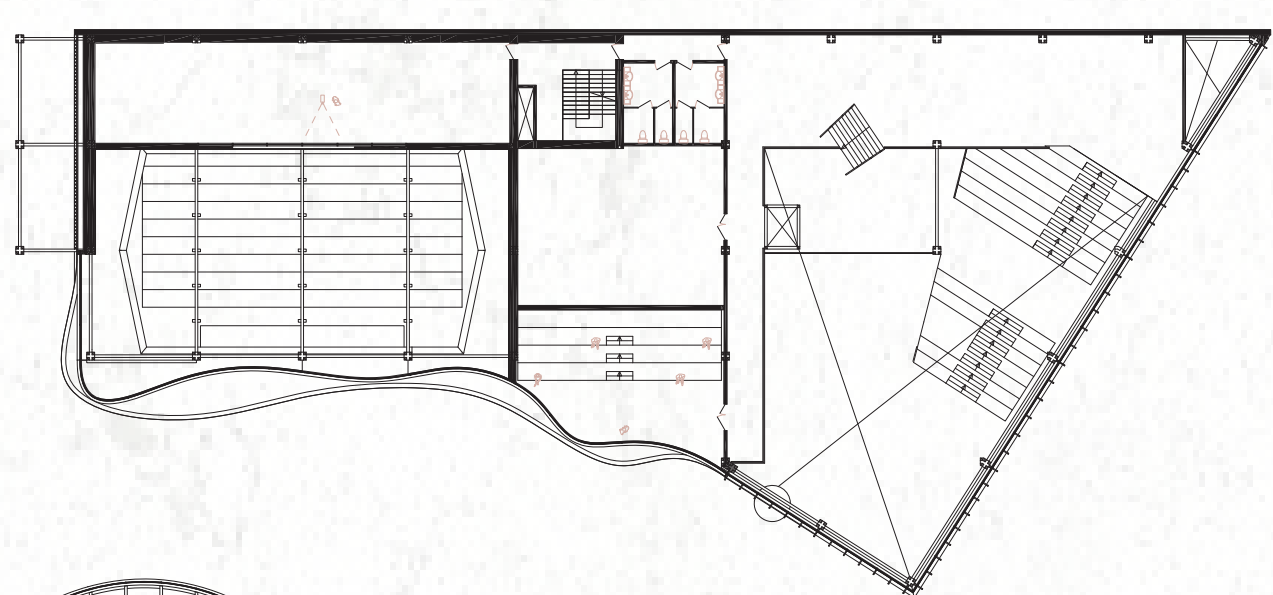
Vlad-Gabriel Dobran (4853679)



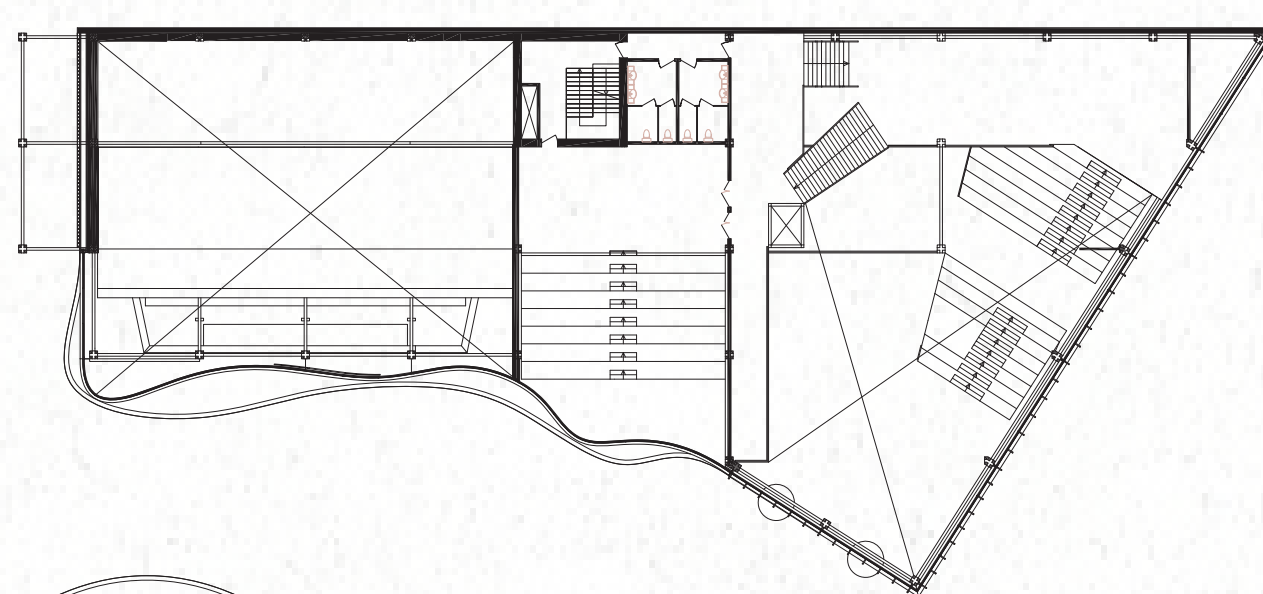
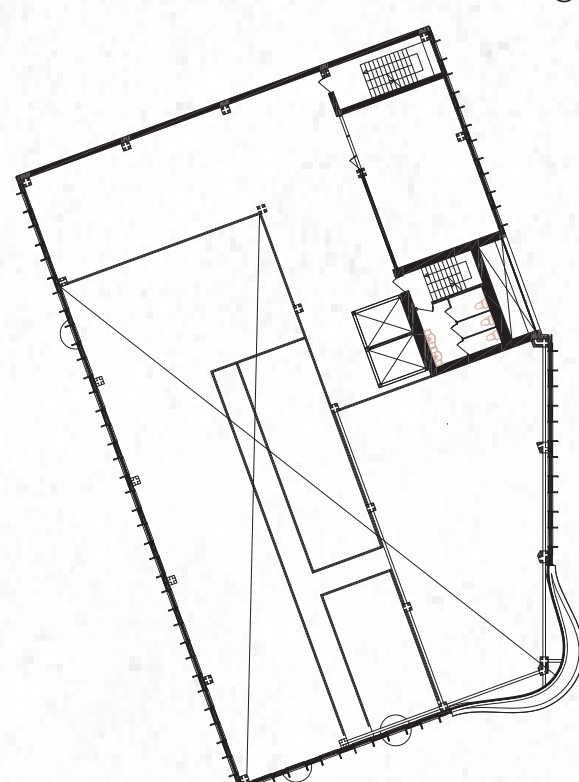
Ground Floor Plan
Scale 1500



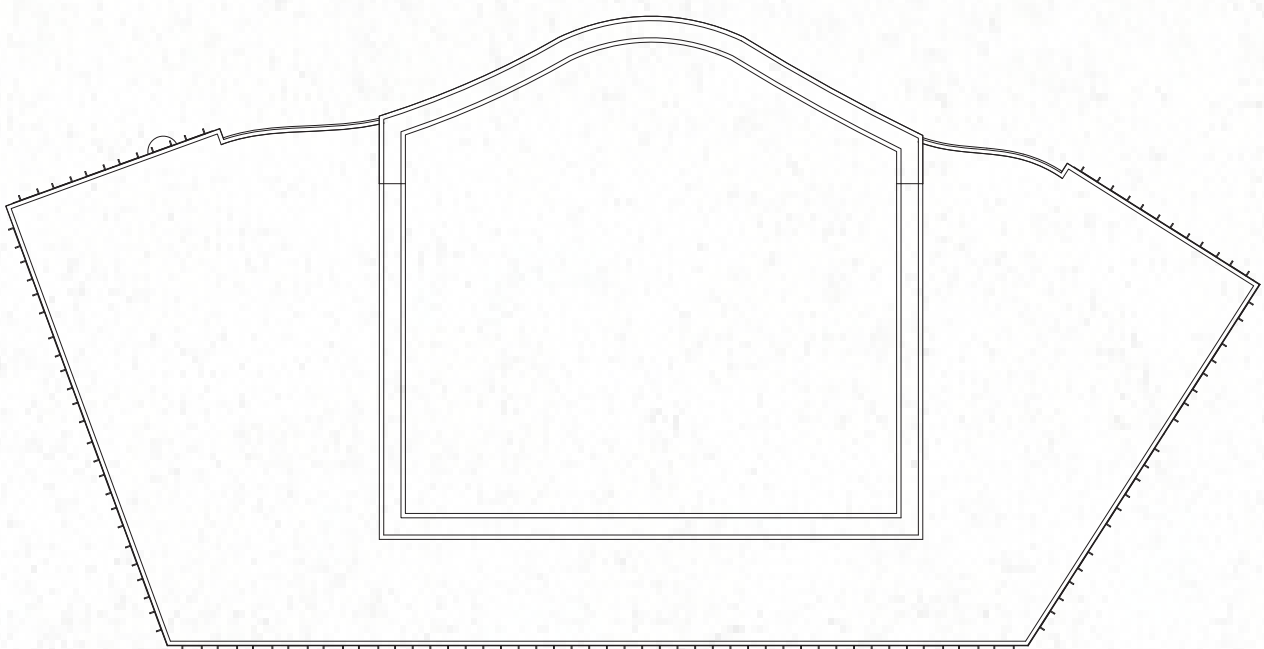
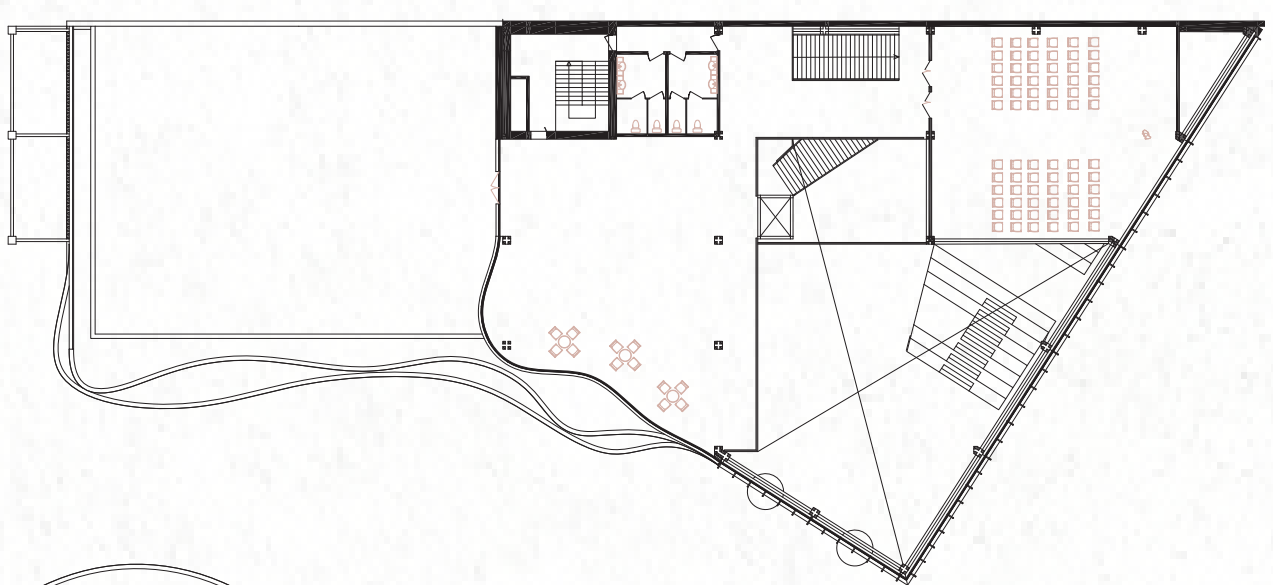
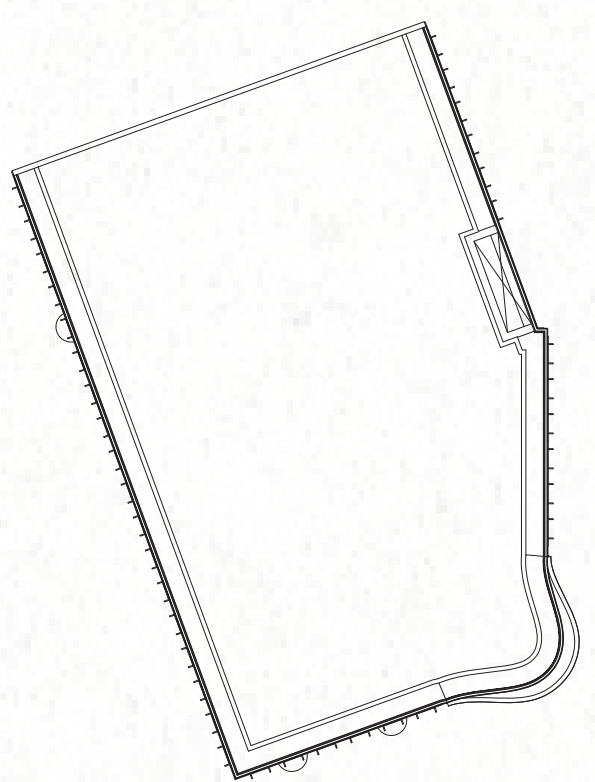
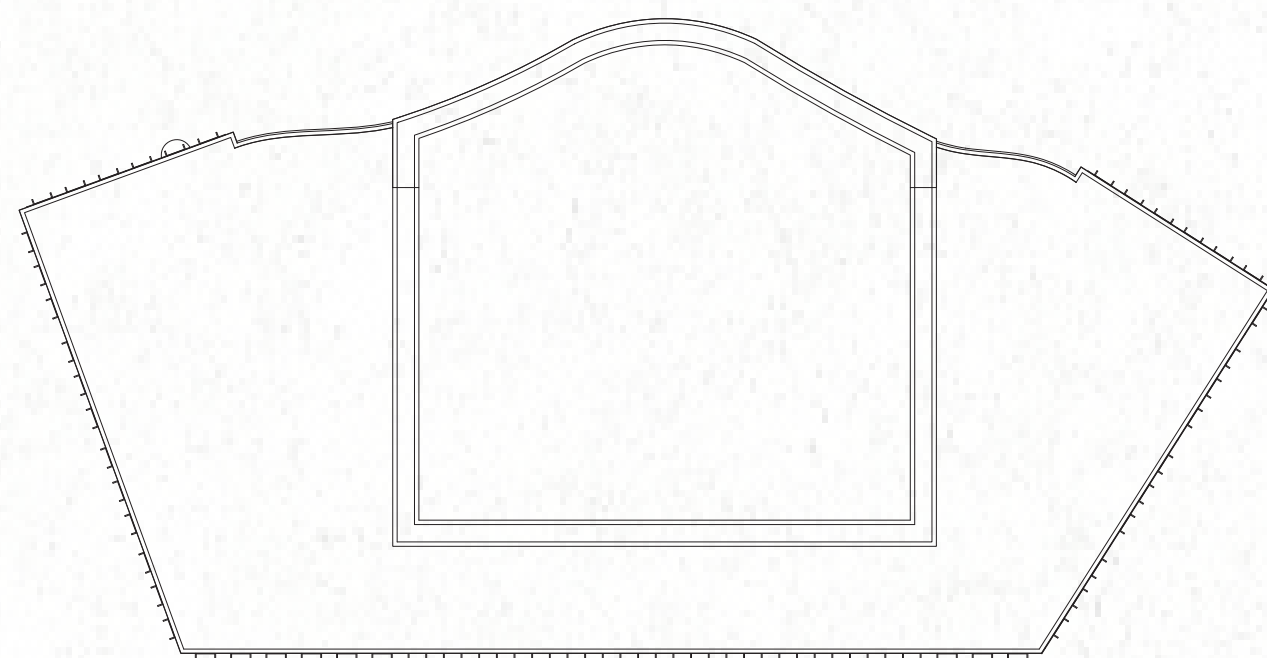
First Floor Plan
Scale 1500



Second Floor Plan
Scale 1500



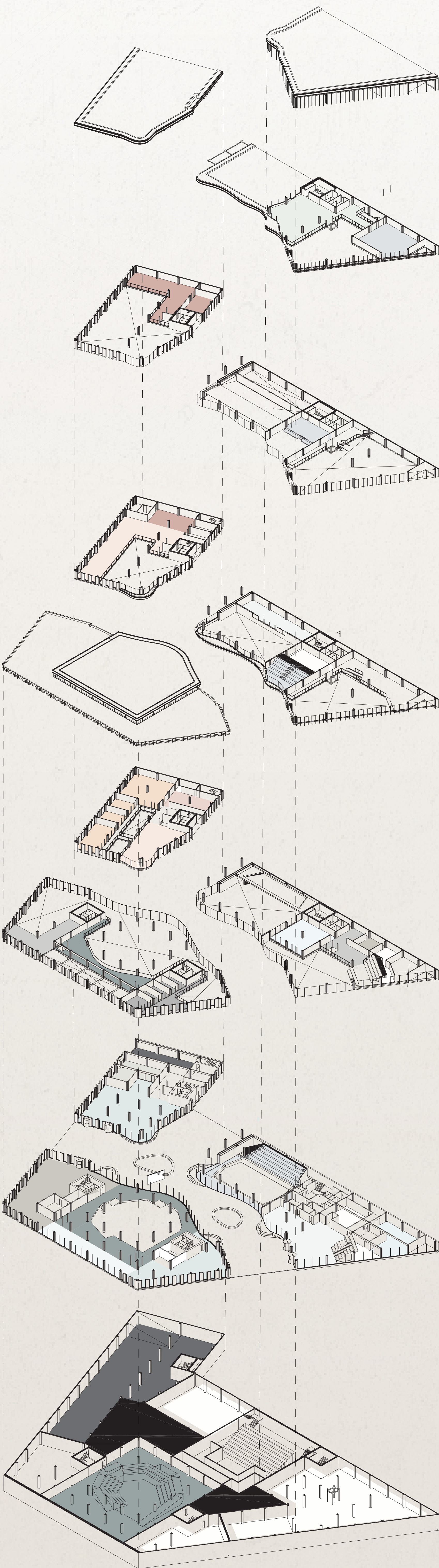
Third Floor Plan
Scale 1500



Fourth Floor Plan
Scale 1500

Legend

- Debate Forum
- Auditorium
- Exhibition Space
- Waiting Room
- Restaurant/Cafe
- Rehearsal Room
- Storage
- Skill Labs
- Workshop
- Working Space
- Library
- Shop
- Parking
- Technical Room

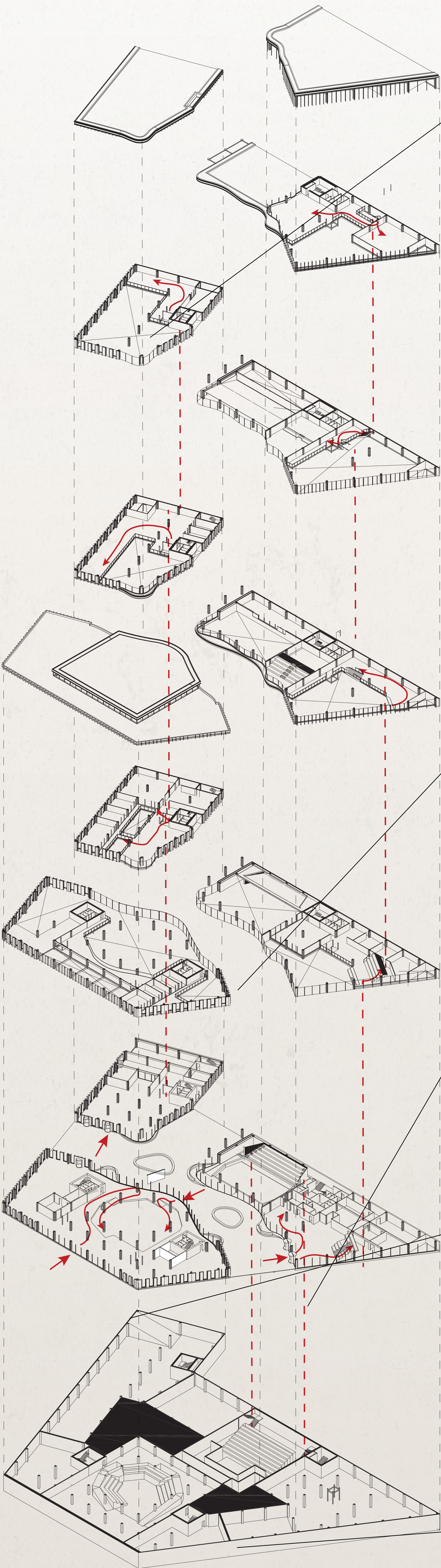
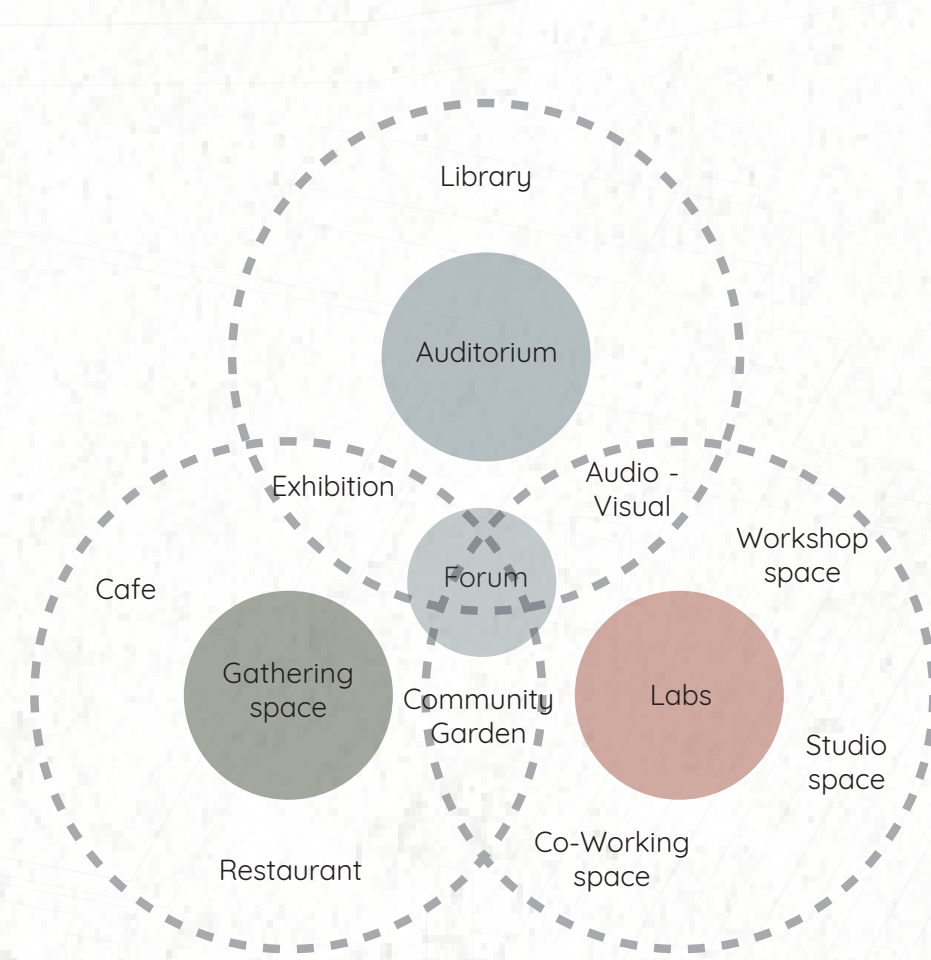


Program Axonometric Drawing
Scale 1500

THE MIDDLE GROUND

Of Social Debate

Vlad-Gabriel Dobran (4853679)



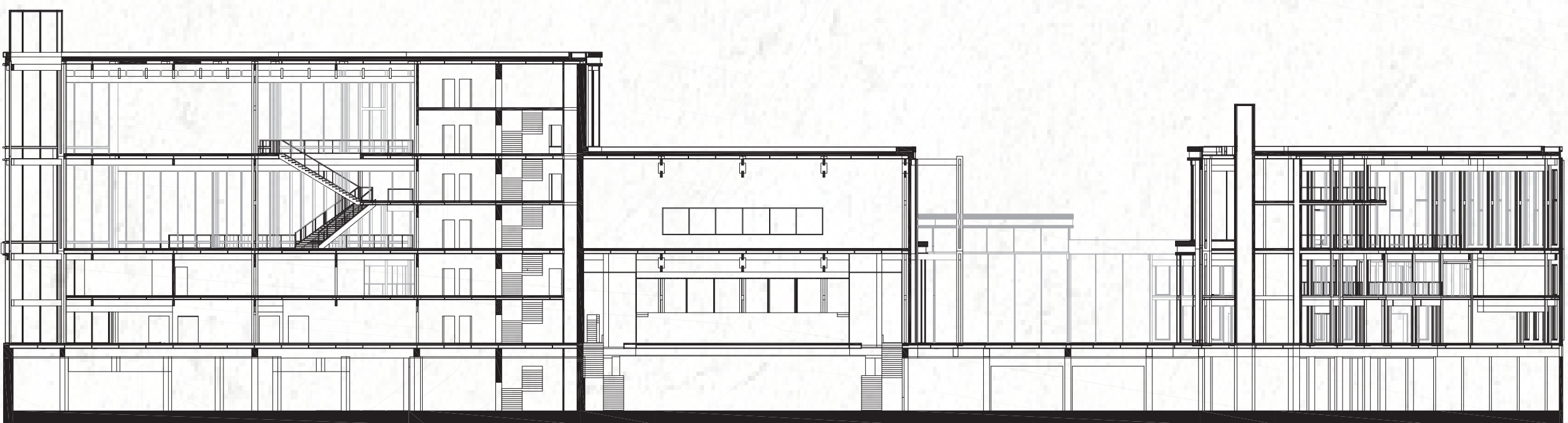
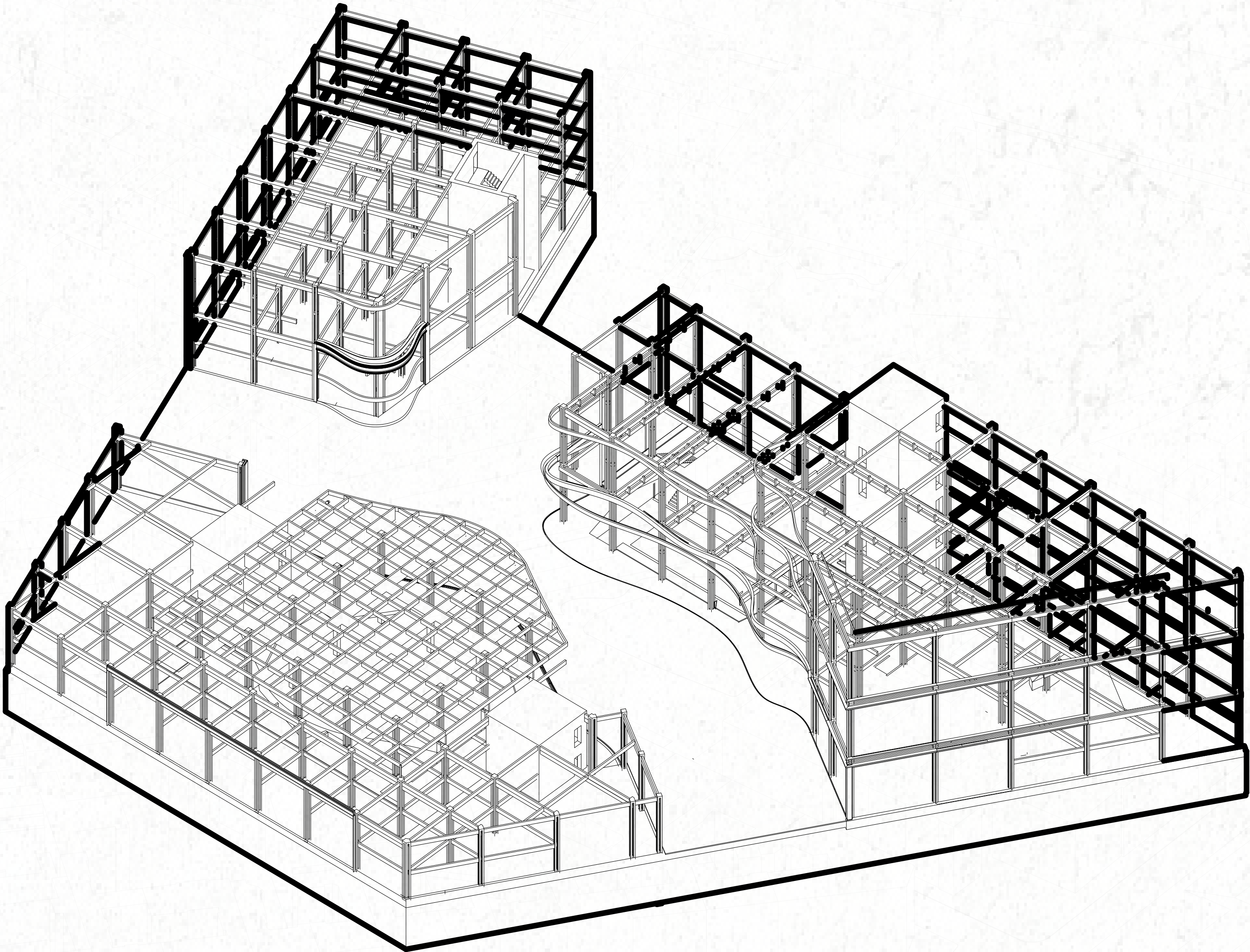
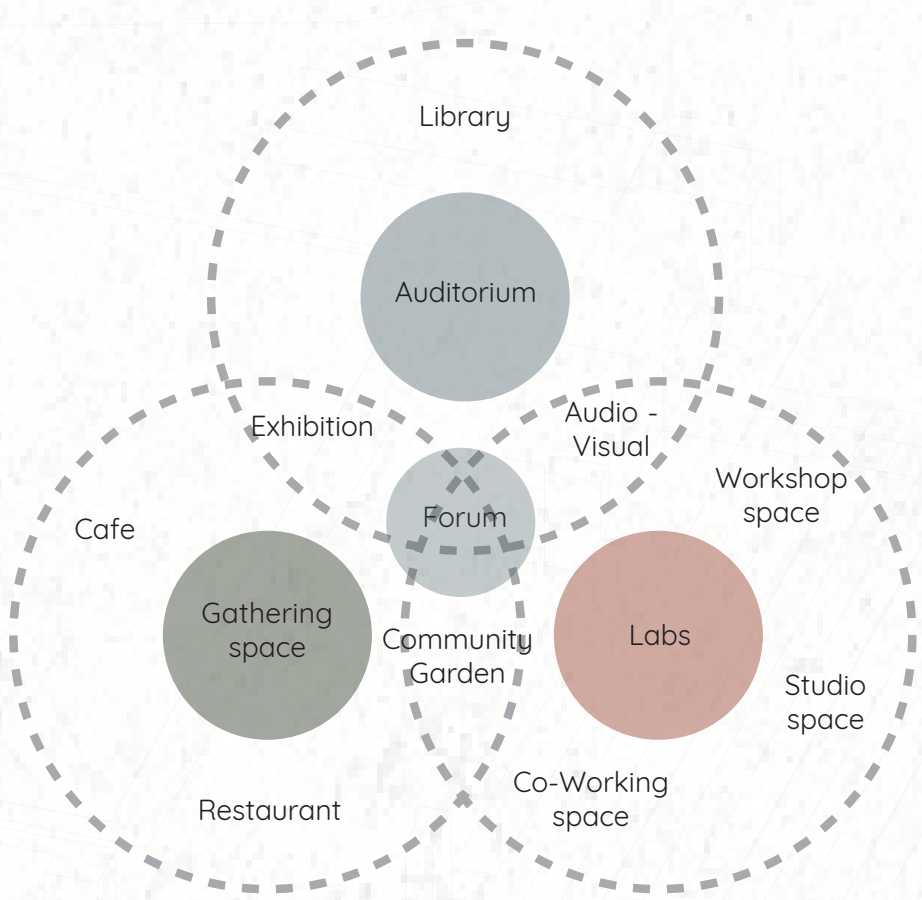
Circulation Axonometric Drawing
Scale 1:500



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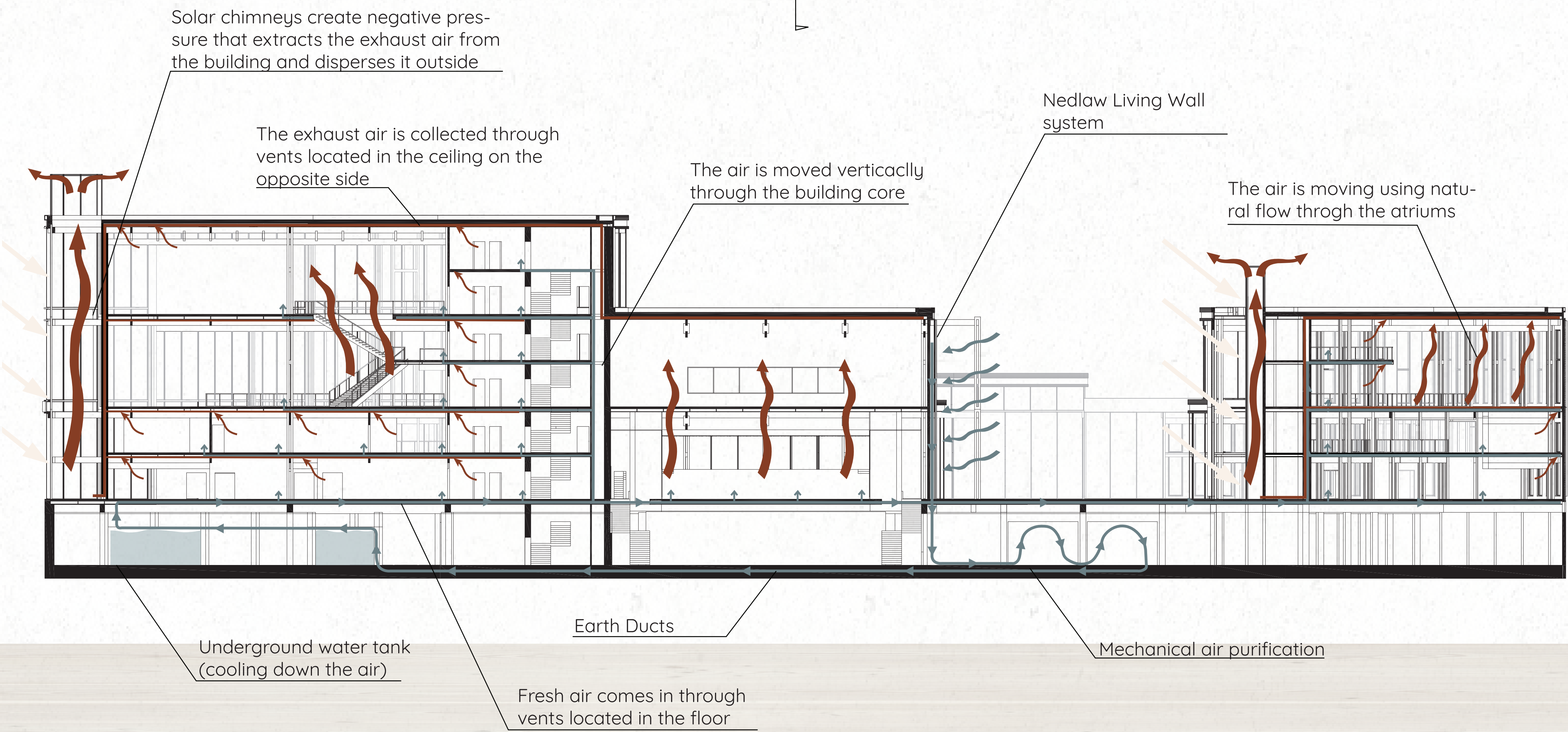
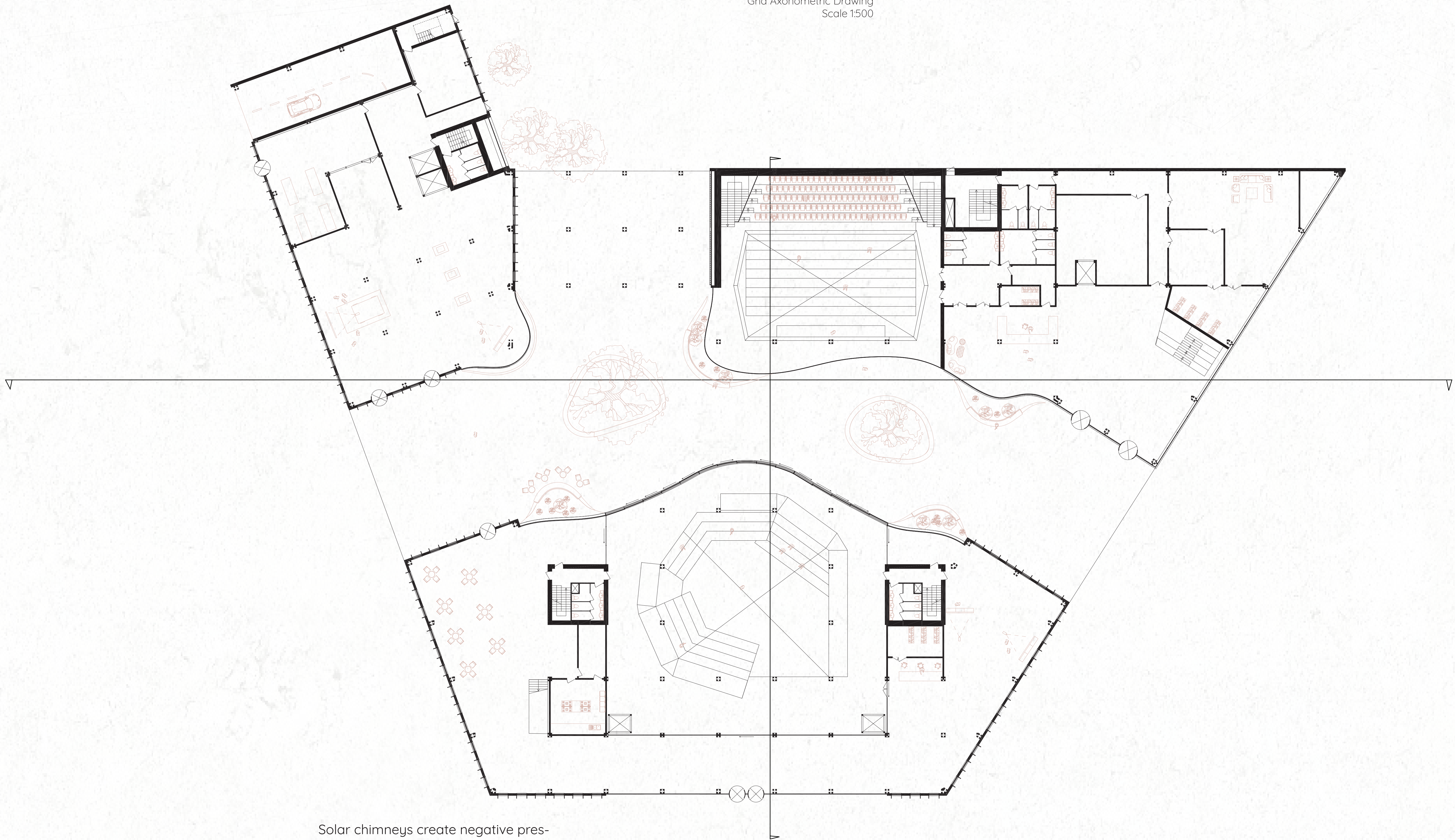


Section 1
Scale 1:500

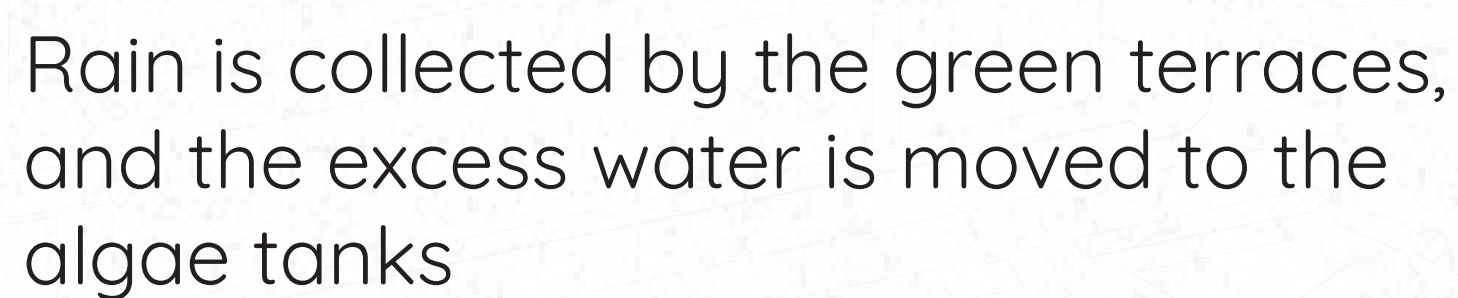
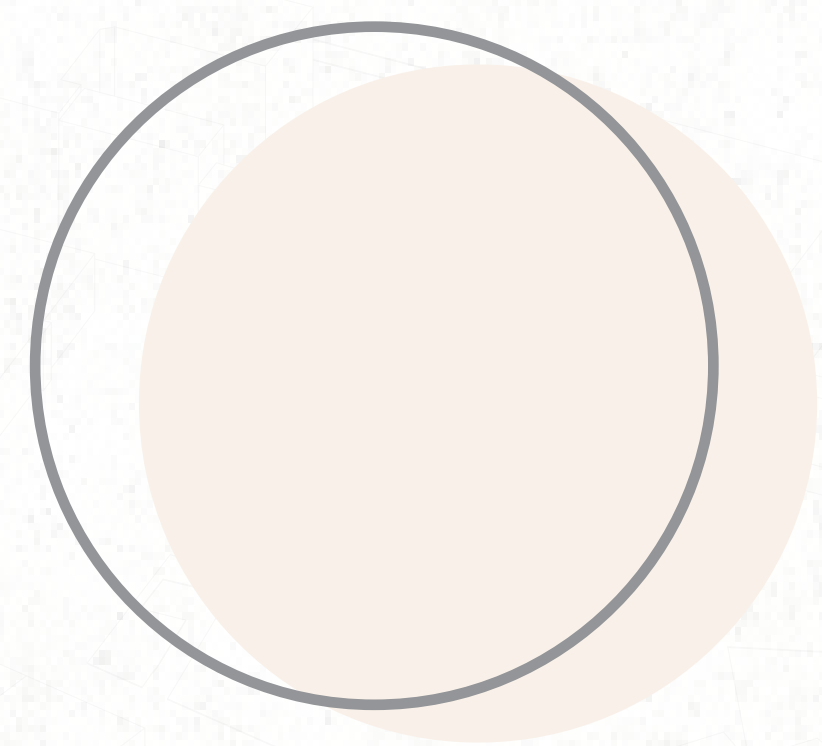


Section 2
Scale 1:500

Grid Axonometric Drawing
Scale 1:500



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Sun attenuating vines skin layer

Natural air filter through vegetation layer

Algae tanks purify the water and capture solar power

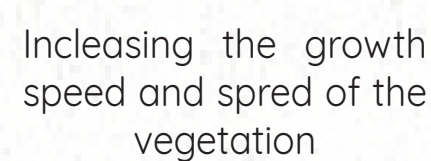
Purified water is stored in underground water tanks for building uses

CO₂ excess from the bio fuel process is captured and fed back into the algae tanks

PV panels produce energy for the building uses

Car emissions are captured separated and the CO₂ is fed into the algae tanks

Algae at the end of life cycle are harvested and transformed into Bio fuel



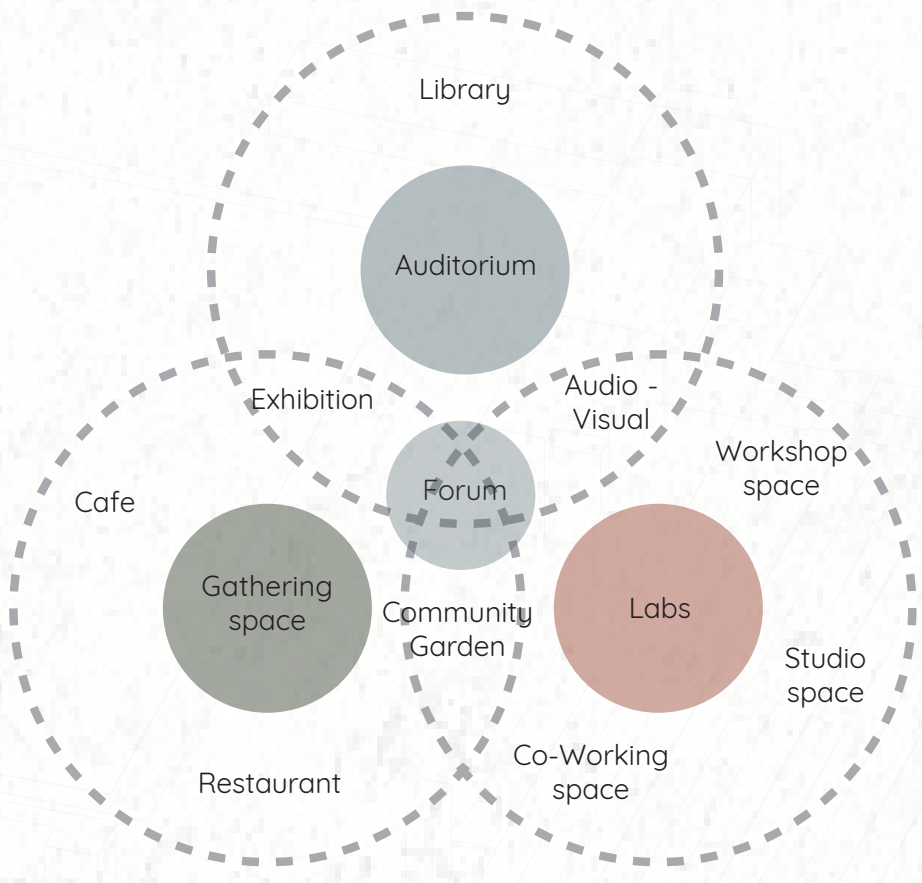
The gray water can be used to water the vege-



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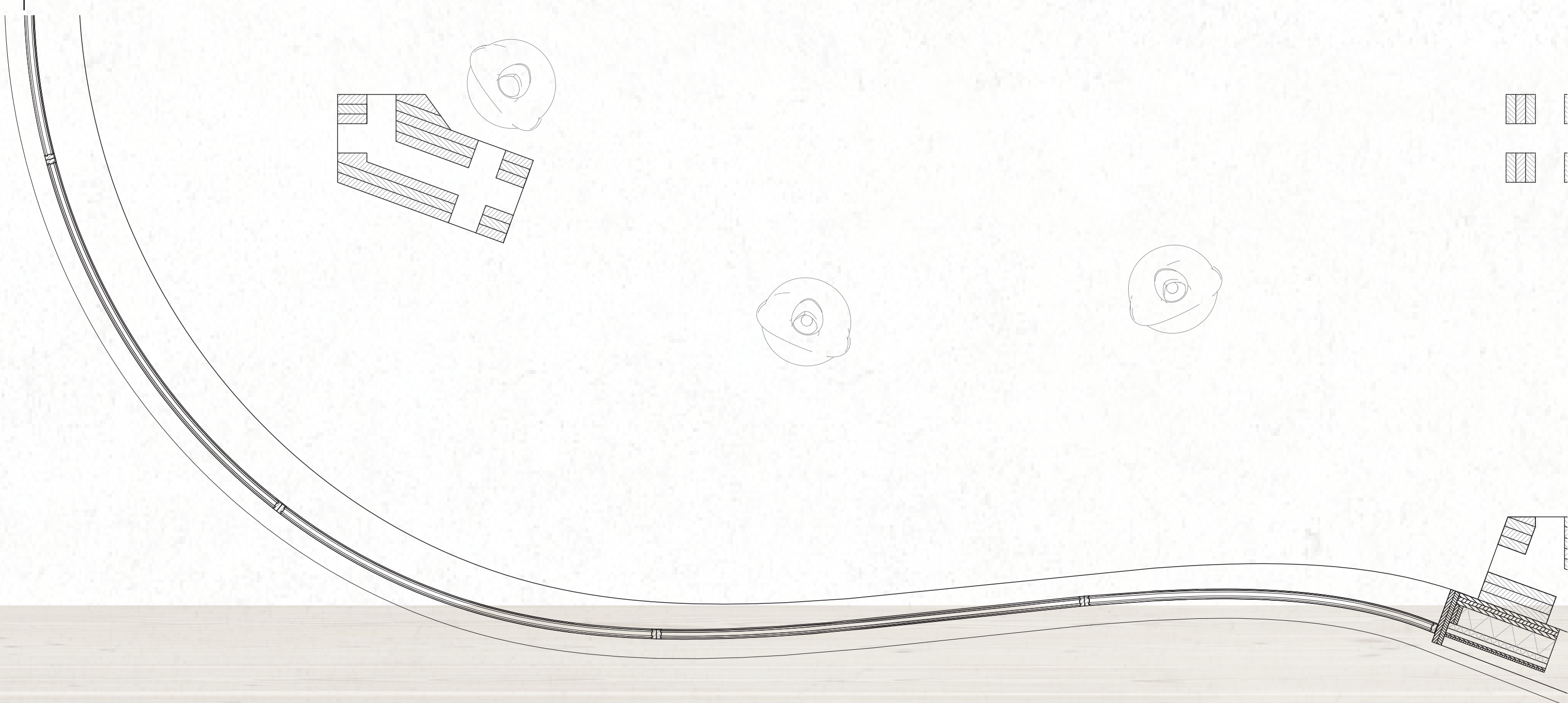
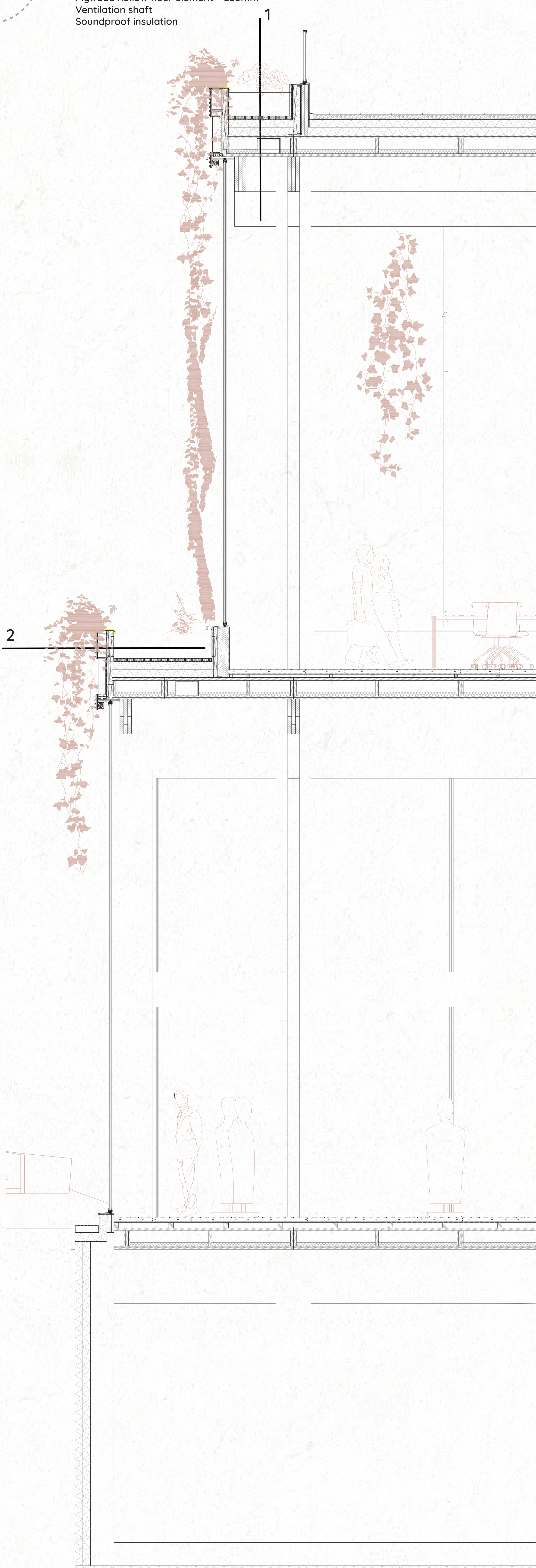


1. Green terrace

- Plug plants
- Extensive substrate - 300mm
- Filter fleece
- Drainage water storage element - 40mm
- Perl drainage material
- Protection and storage fleece
- Water membrane
- Double rock wool insulation - 200mm
- Vapor retarder
- Plywood hollow floor element - 280mm
- Ventilation shaft
- Soundproof insulation

2. Green terrace

- External cladding: Plywood panels - 20mm
- Algae tank
- Timber battens - 130mm
- Water membrane
- Double rock wool insulation - 70mm
- Timber poles - 50mm
- Plywood panel - 20mm
- Water membrane

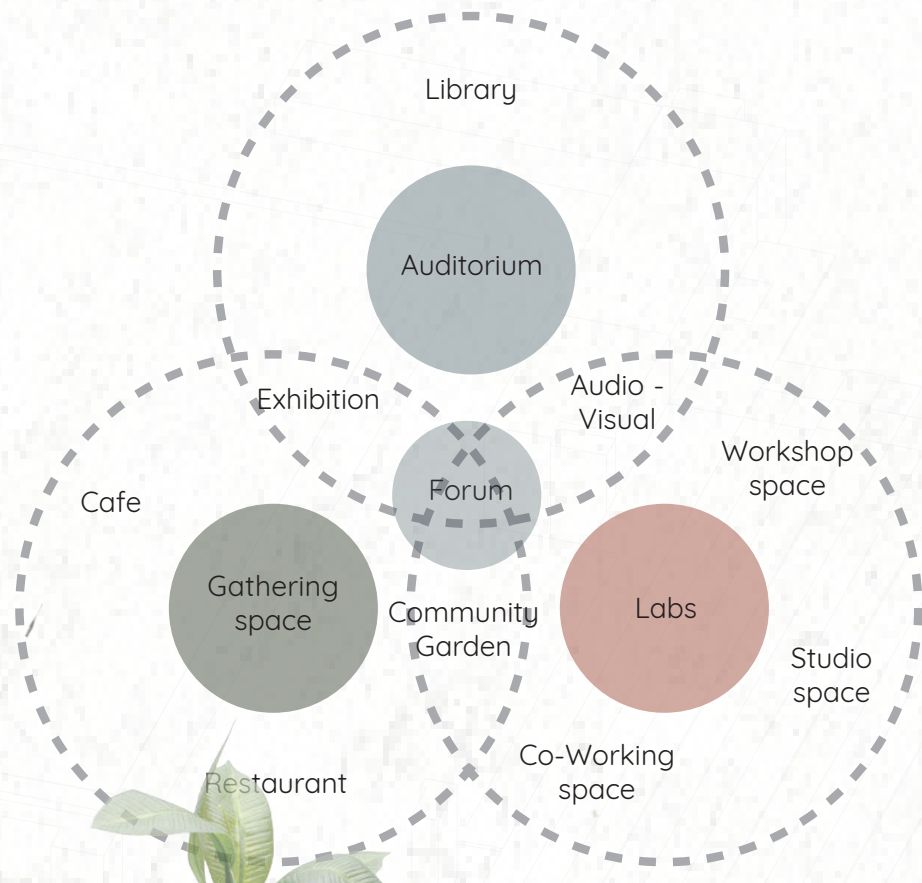


Combination Drawing
Scale 1:20

THE MIDDLE GROUND

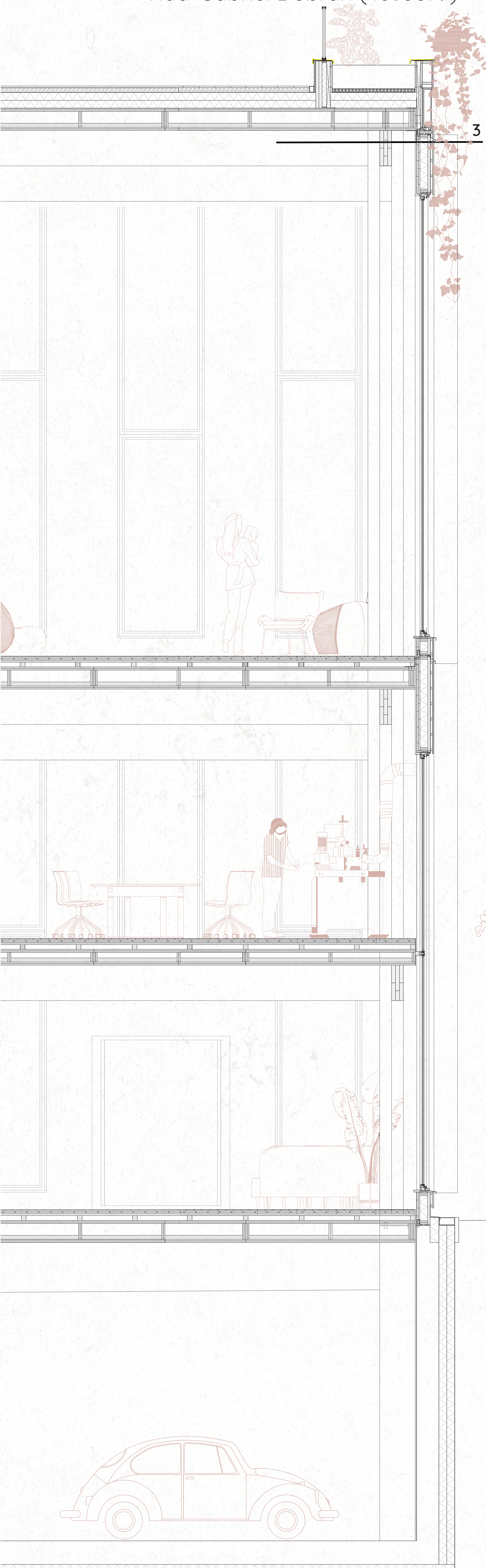
Of Social Debate

Vlad-Gabriel Dobran (4853679)



3. Modular Facade element

- External cladding: Plywood panels - 20mm
- Timber battens - 25mm
- Water Membrane
- Double rock wool insulation - 130mm
- Timber transom - 100mm
- Cross Laminated Timber panel - 40mm
- Vapor retarder
- Plywood panel - 18mm



Combination Drawing
Scale 1:20