

THE CONTEMPORARY STOA

Redifining the schoolyard as public space

P5

Olaf Olden 5016738

06-07-2021

Architectural Design Crossovers - Heterogenous city

Main mentor: Joran Kuijper

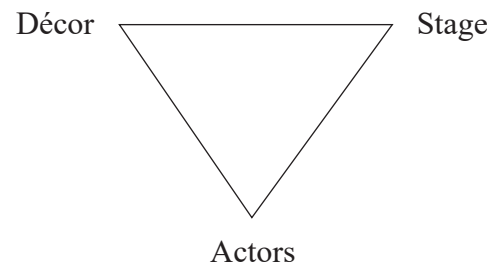
Second mentor: Florian Eckardt

Third mentor: Roberto Cavallo

Delegate of BoE: Sake Zijlstra

CITY LIFE

- Façades - Décor
- People - Actors
- Public space - Stage



DÉCOR



STAGE



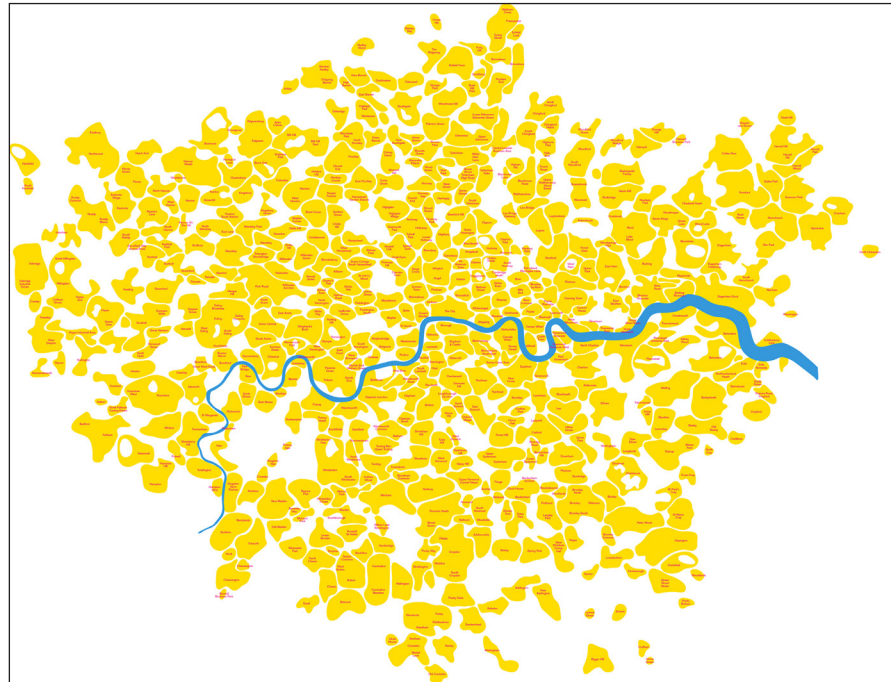
IMPORTANCE OF PUBLIC SPACE



ACTORS



MANIFESTATION OF COMMUNITIES



DECLINING SOCIAL COHESION WITHIN COMMUNITIES

1. Diversity in local communities causes segregation, with groups living alongside each other instead of with each other
2. increasing short term population
3. Local entrepreneurs are slowly being pushed away by international corporations
4. Social interaction is increasingly taking place in digital environments

RESEARCH QUESTION

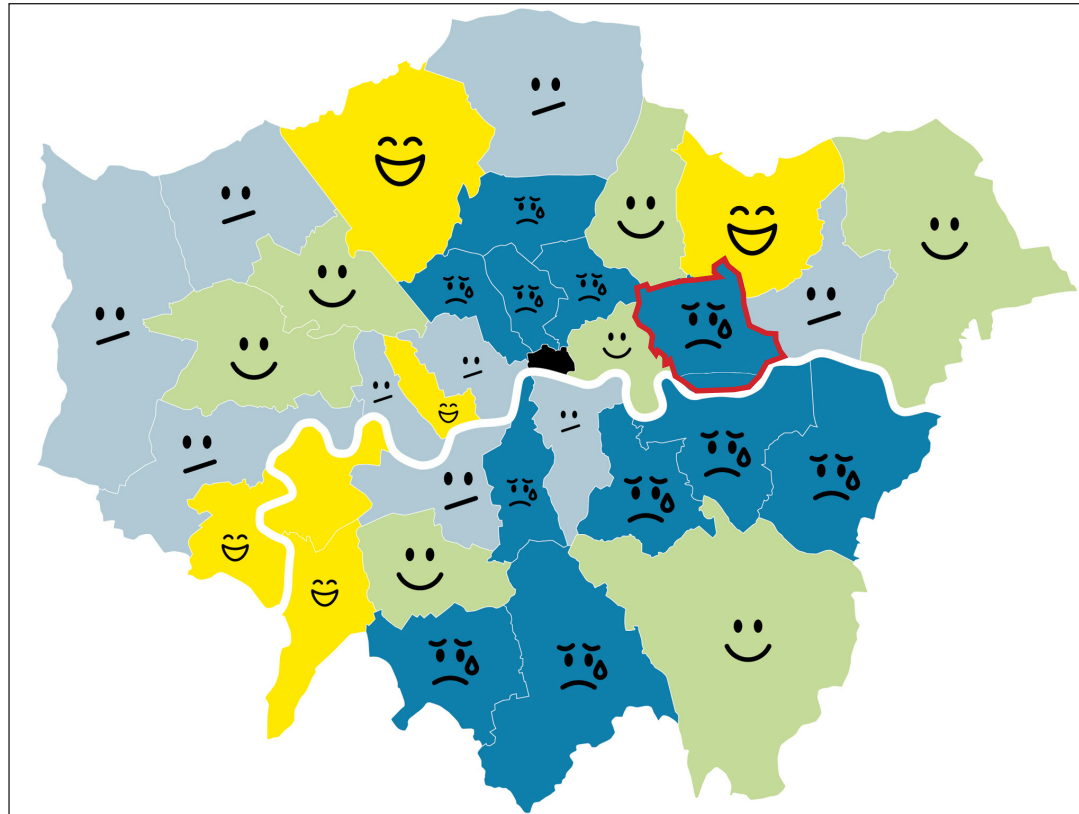
‘How can architecture and urbanism be used to enhance the social cohesion of communities?’

SOCIAL SUSTAINABLE COMMUNITIES

social sustainability on a community level can be achieved with two complementary fields - the physical realm & the social realm through designing infrastructure that supports social and cultural life, social amenities, systems for citizen engagement and space for people to evolve

(Woodcraft, 2011)

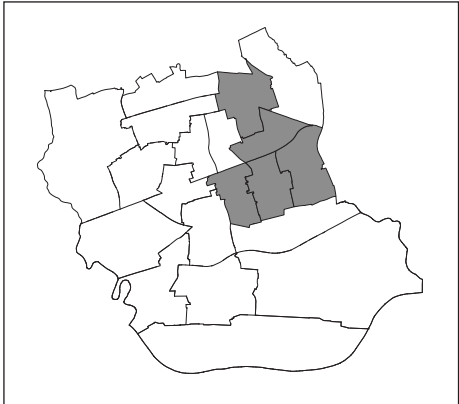
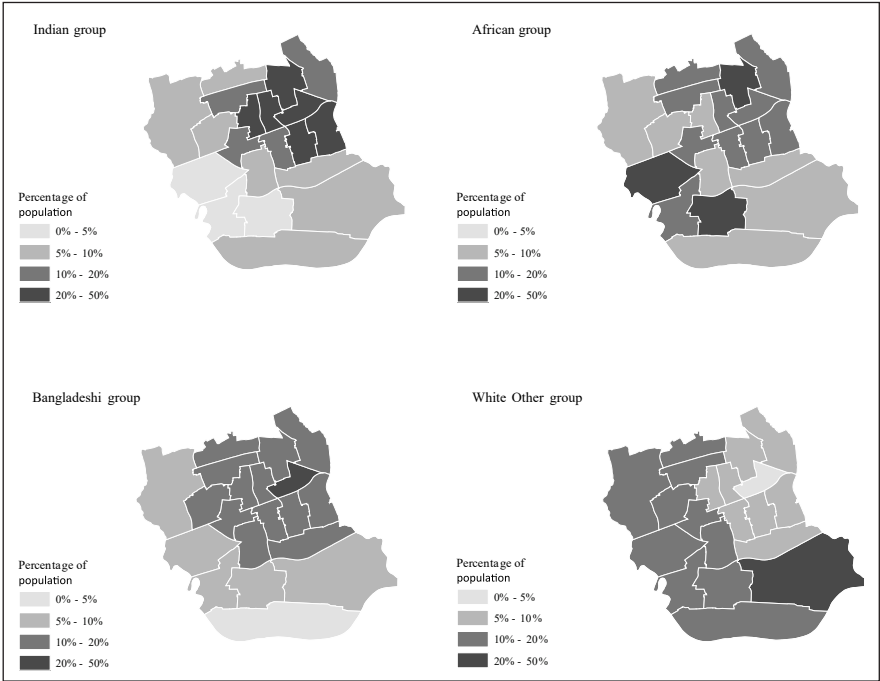
DEFINING THE (RESEARCH) SCOPE



NEWHAM



DEFINING THE SITE



INVENTARISING THE DÉCOR



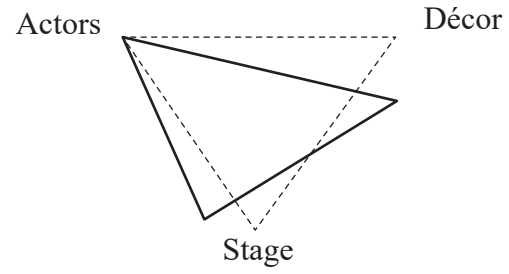
DÉCOR OF PRIMARY SCHOOLS



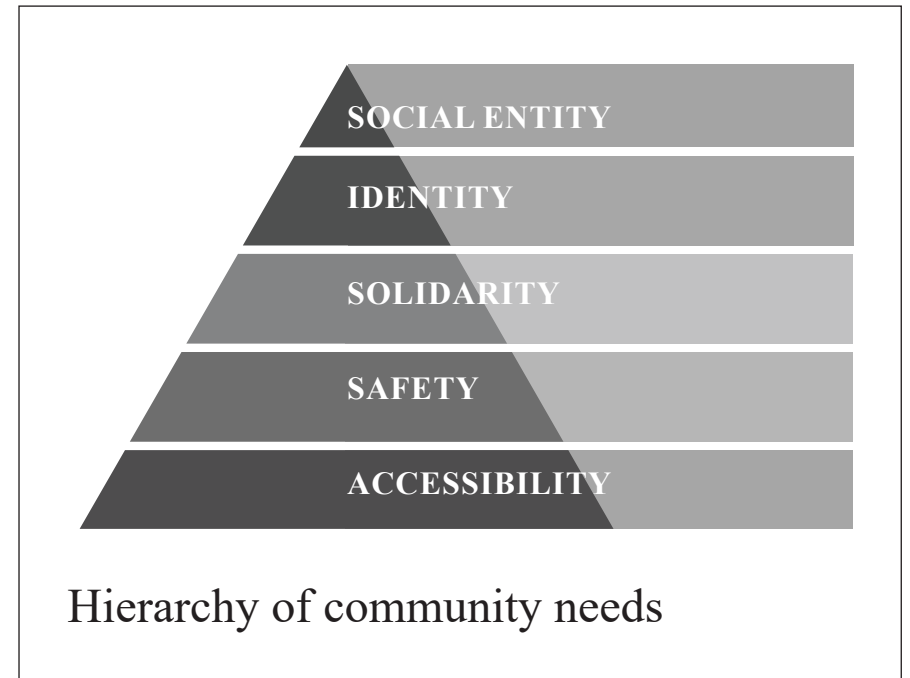
SOCIAL ACTORS OF NEWHAM



UNBALANCE



COMMUNITY NEEDS

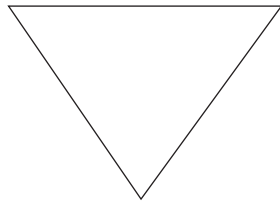


DESIGN STRATEGY

The 3 P's for building a community

Participation

Place



People



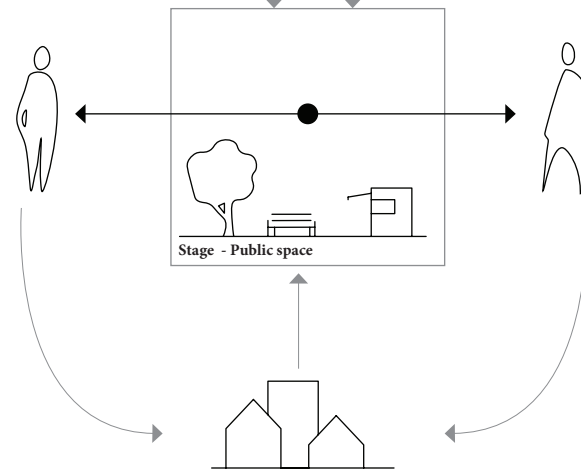
PARTICIPATION

Preconditions for social interaction

proximity
familiarity
freedom to linger
endurance

Social encounters in public space

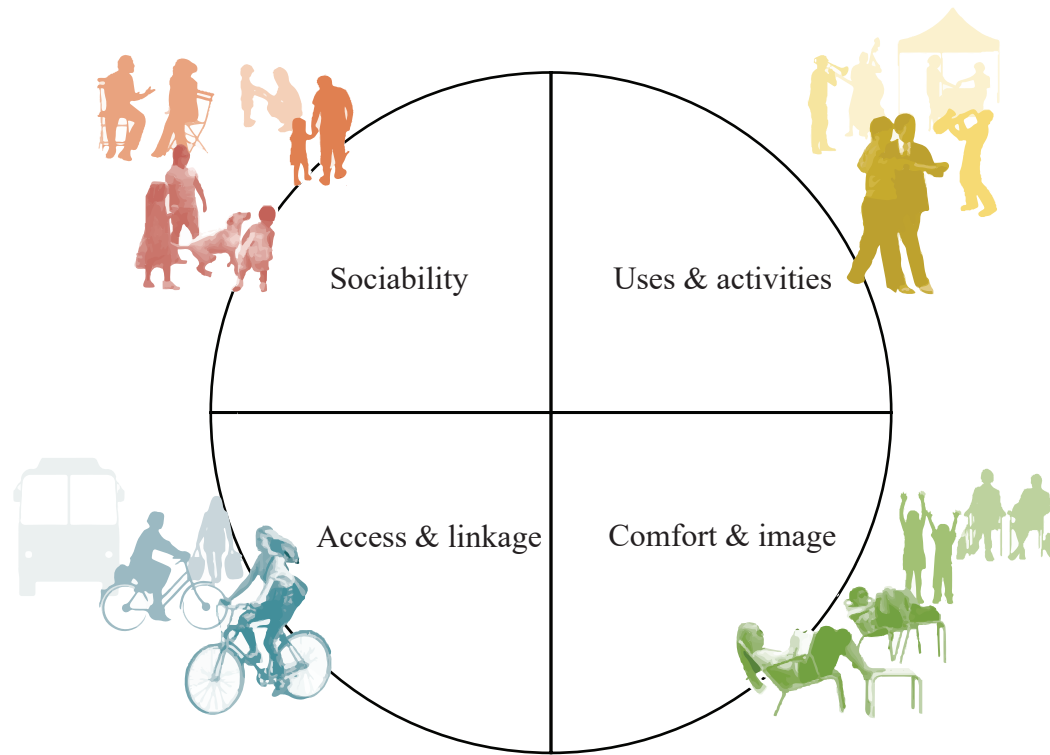
↻ routine
← coincidental



Attachments to an area

uniqueness
local facilities
social network

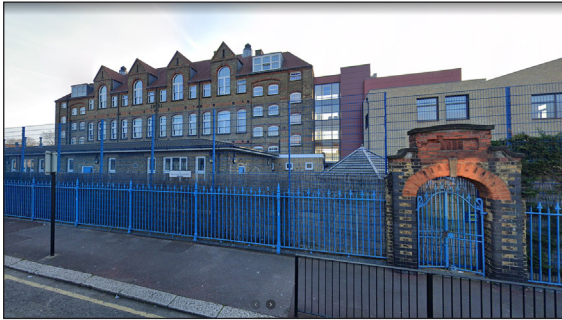
SPACE BECOMES 'PLACE'



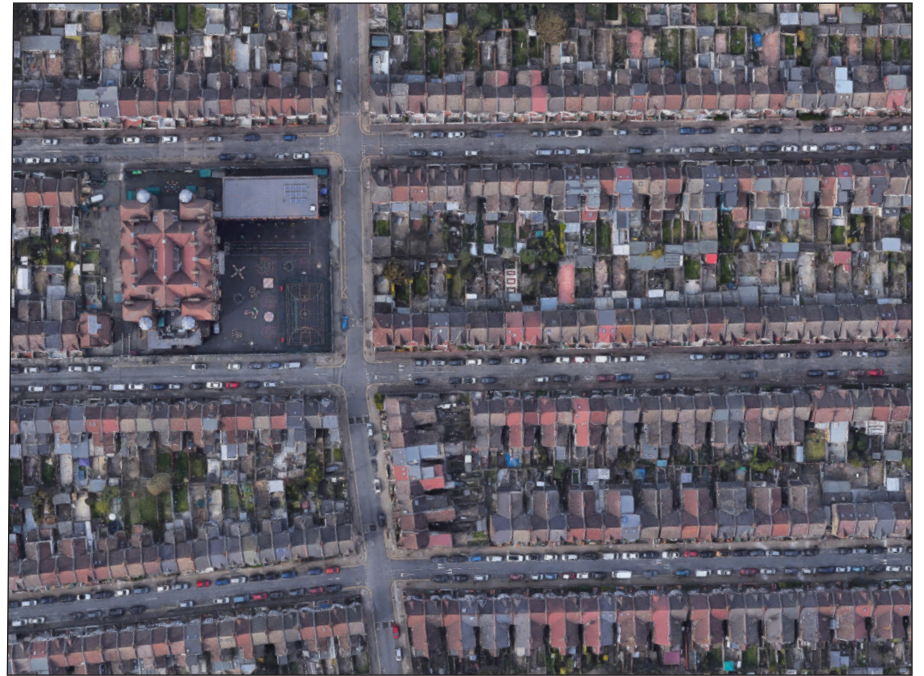
DÉCOR OF PRIMARY SCHOOLS



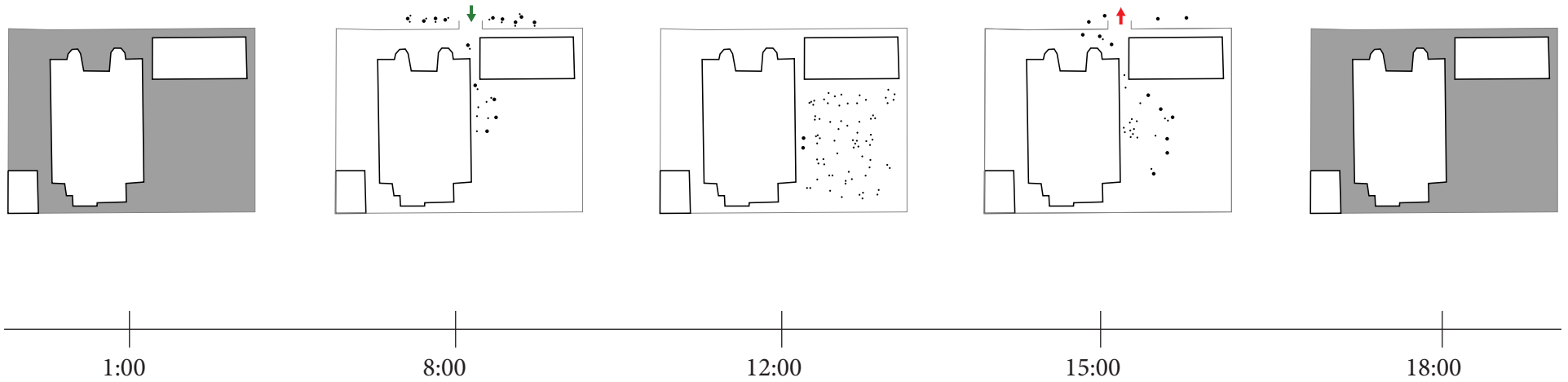
LIMITATIONS OF PUBLIC SPACE



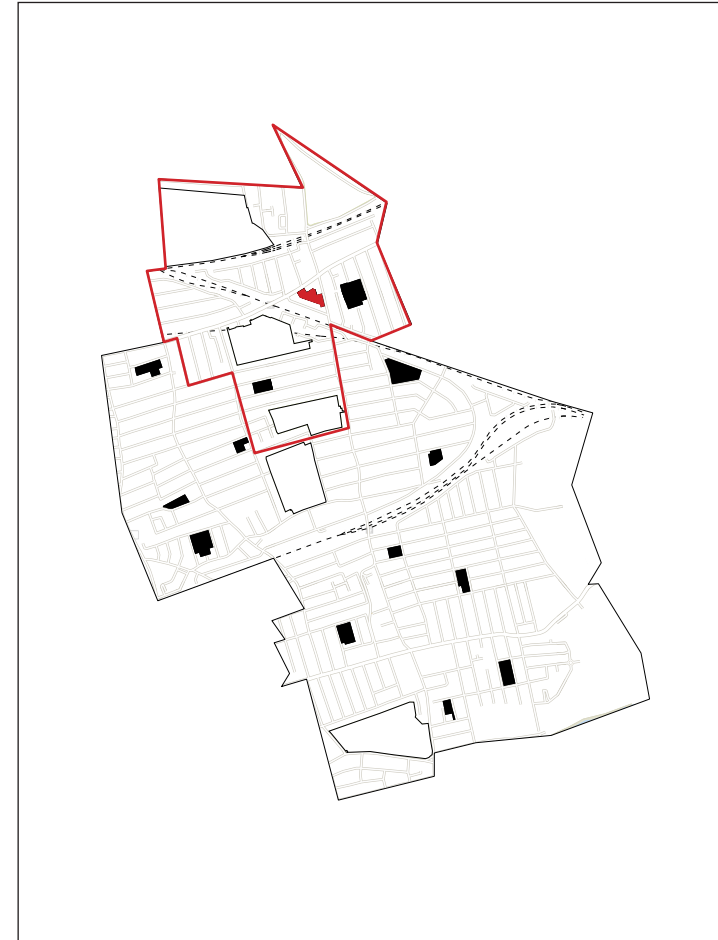
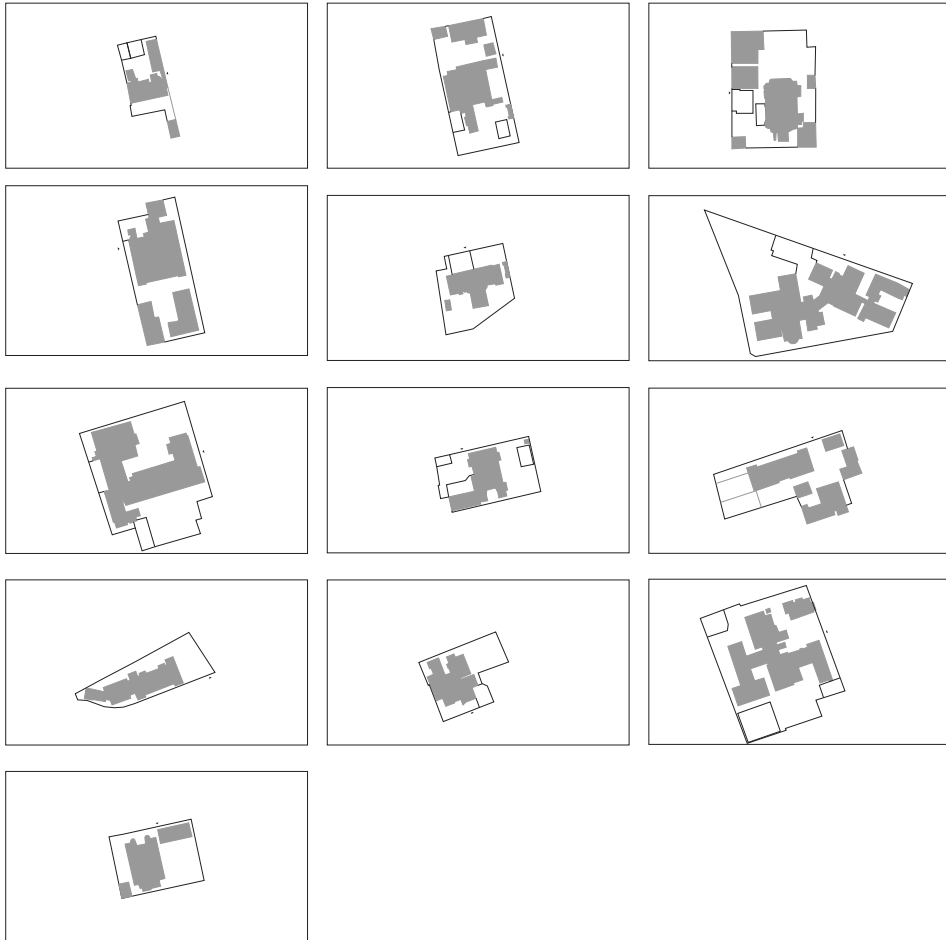
POTENTIALS FOR THE COMMUNITY



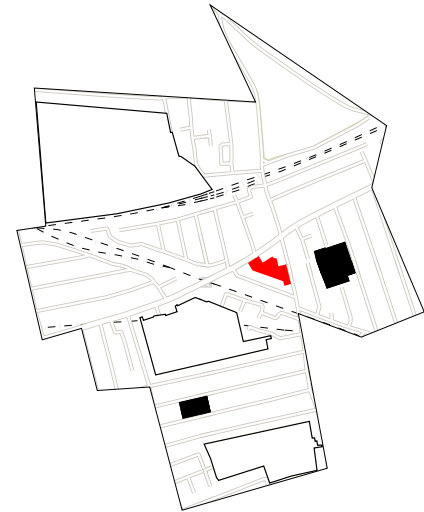
CURRENT TEMPORALITIES OF PUBLIC SPACE



OVERVIEW OF THE SCHOOLS



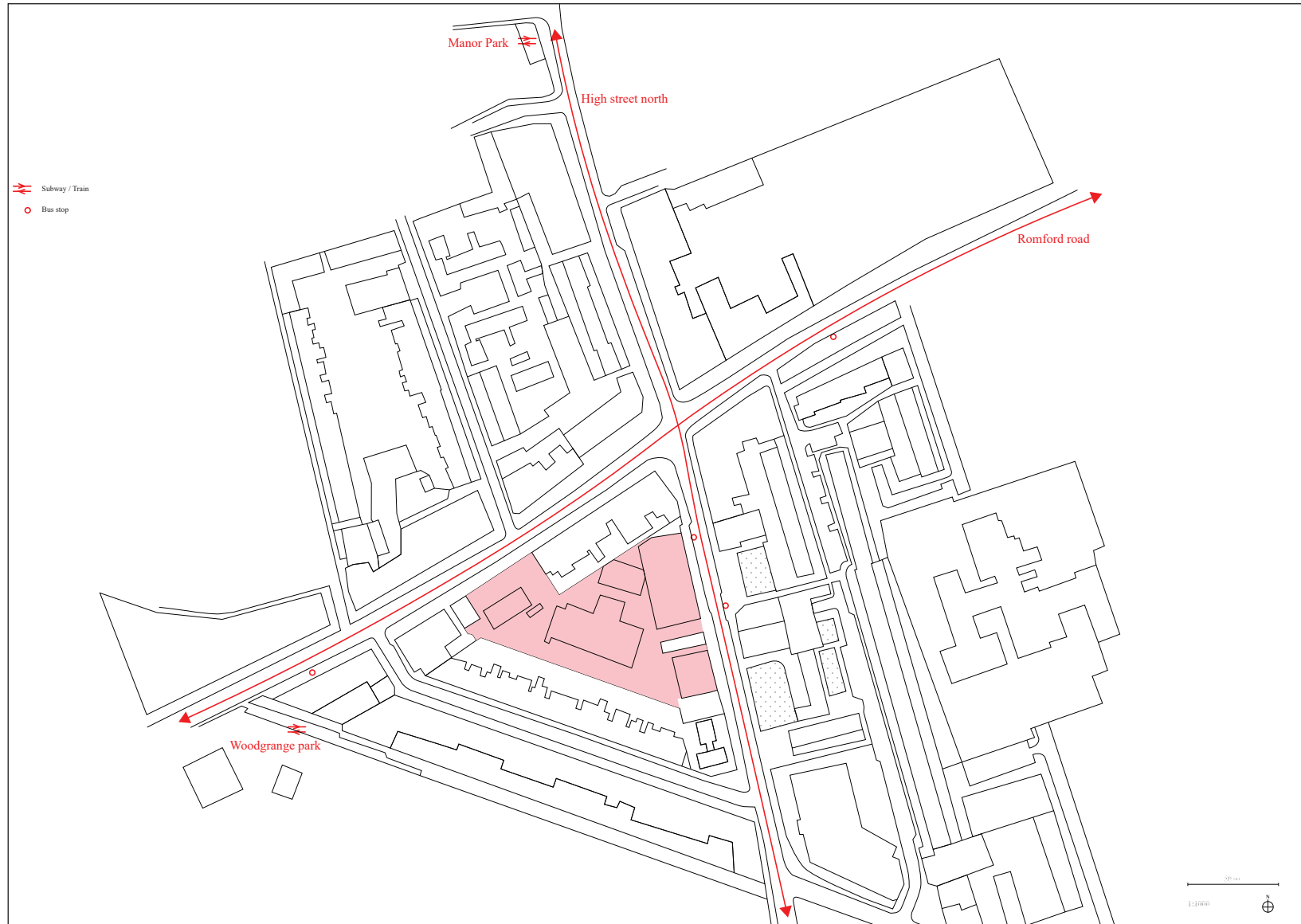
SALISBURY PRIMARY SCHOOL



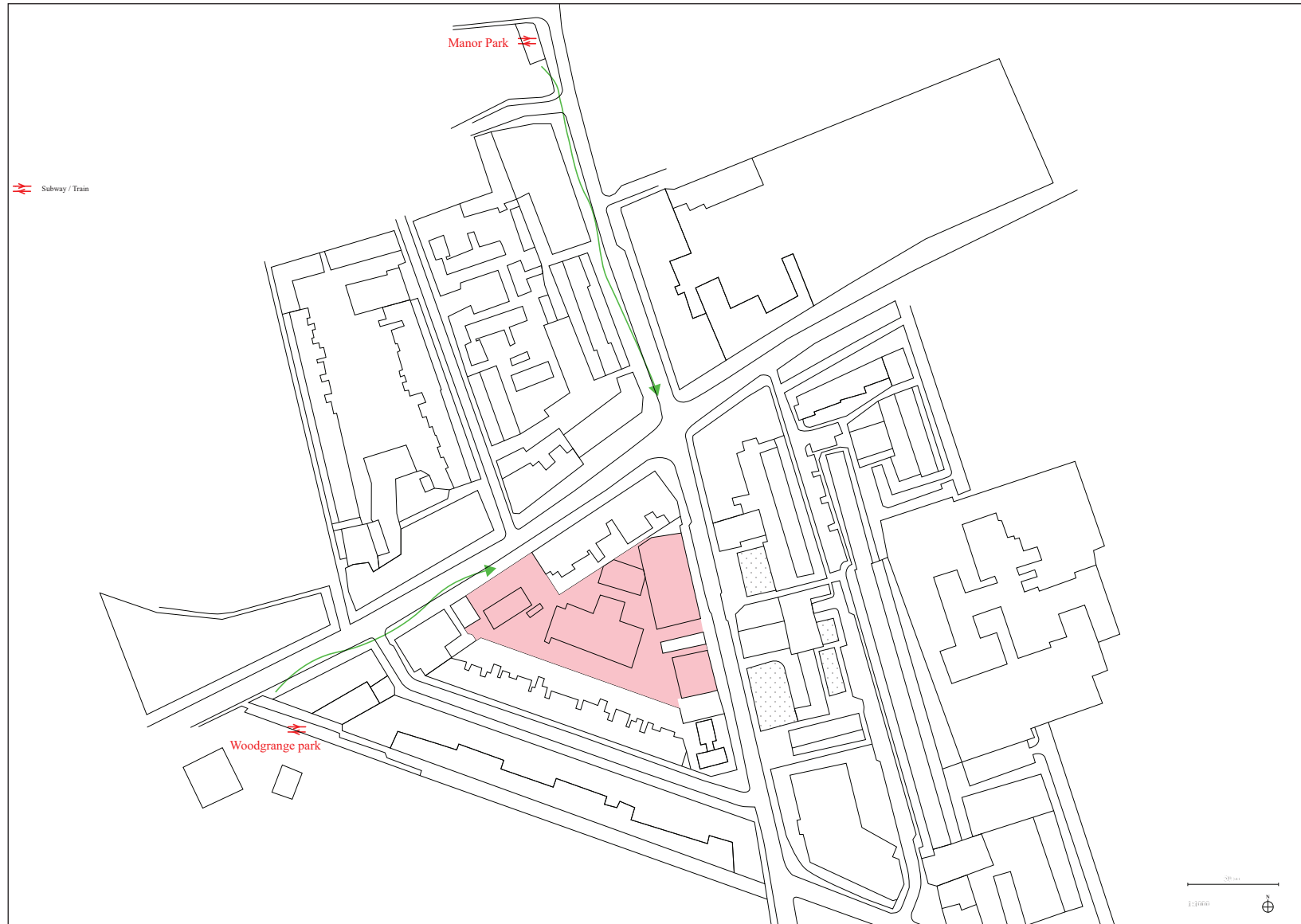
SITE CONTEXT



SITE CONTEXT - LINAKGE



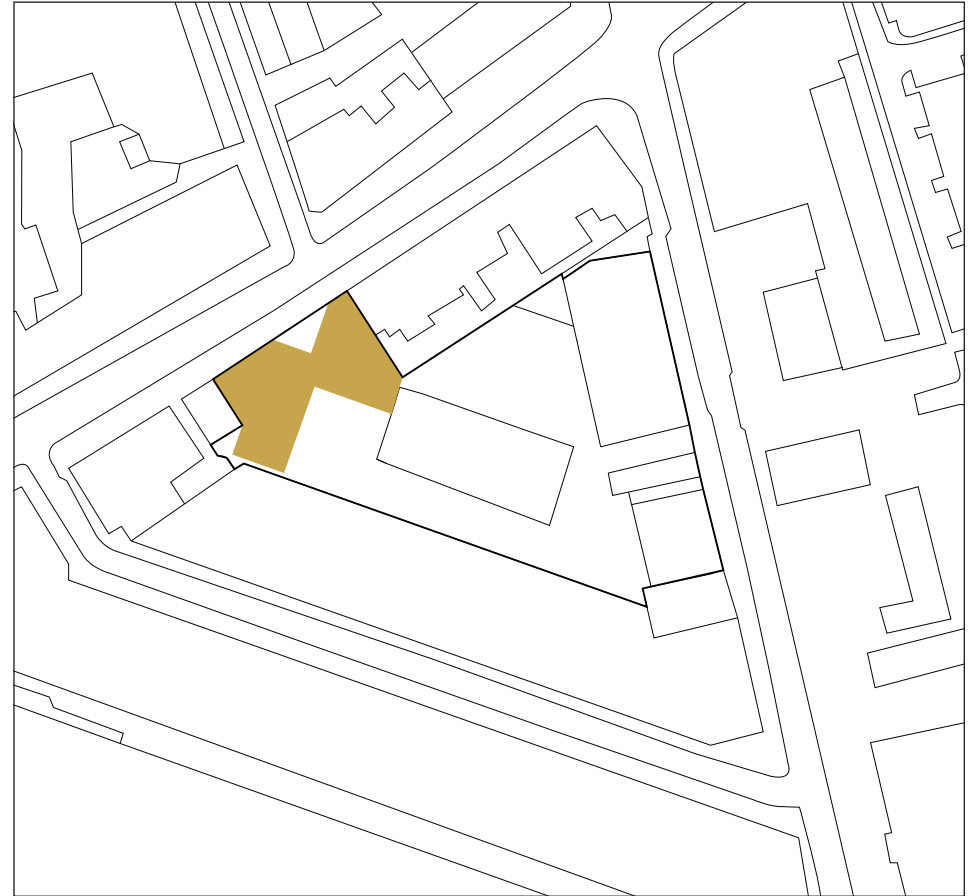
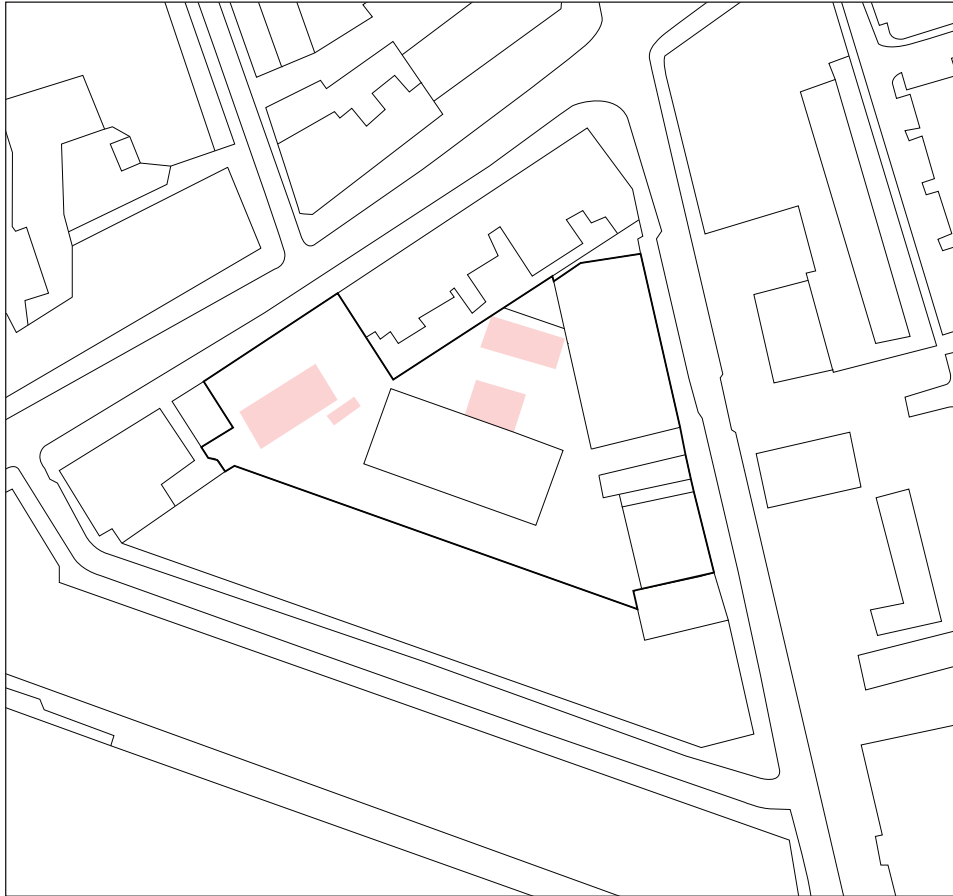
SITE CONTEXT - PEOPLE FLOWS



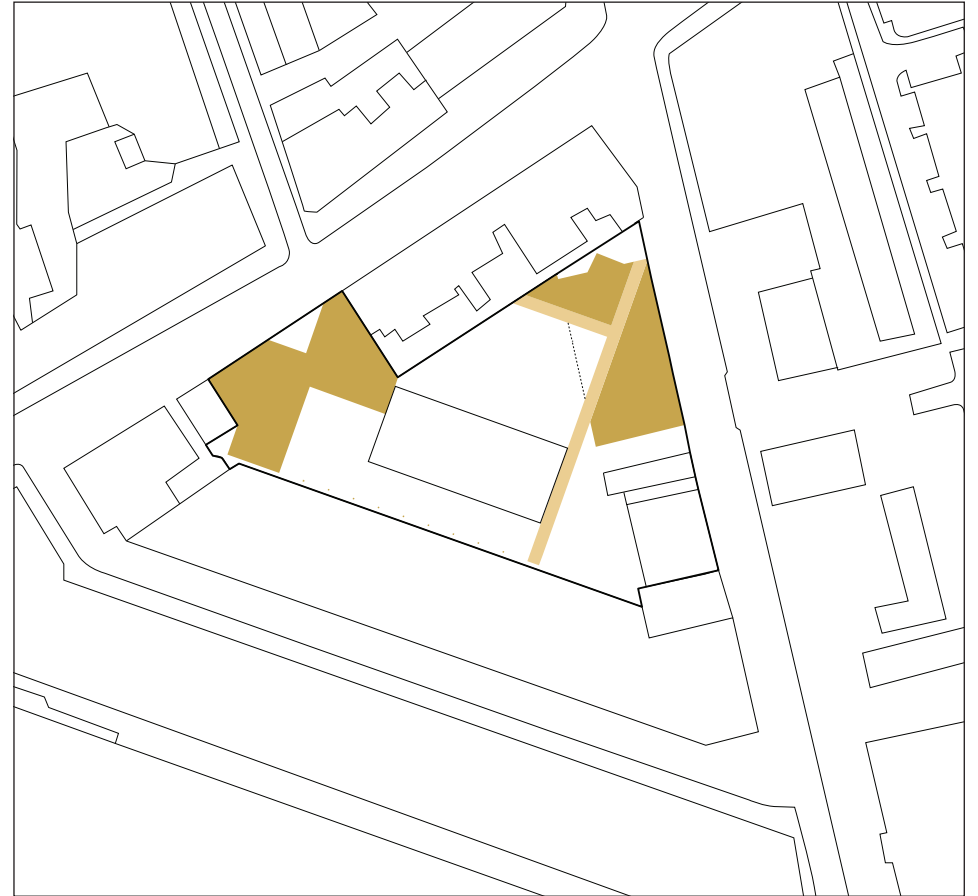
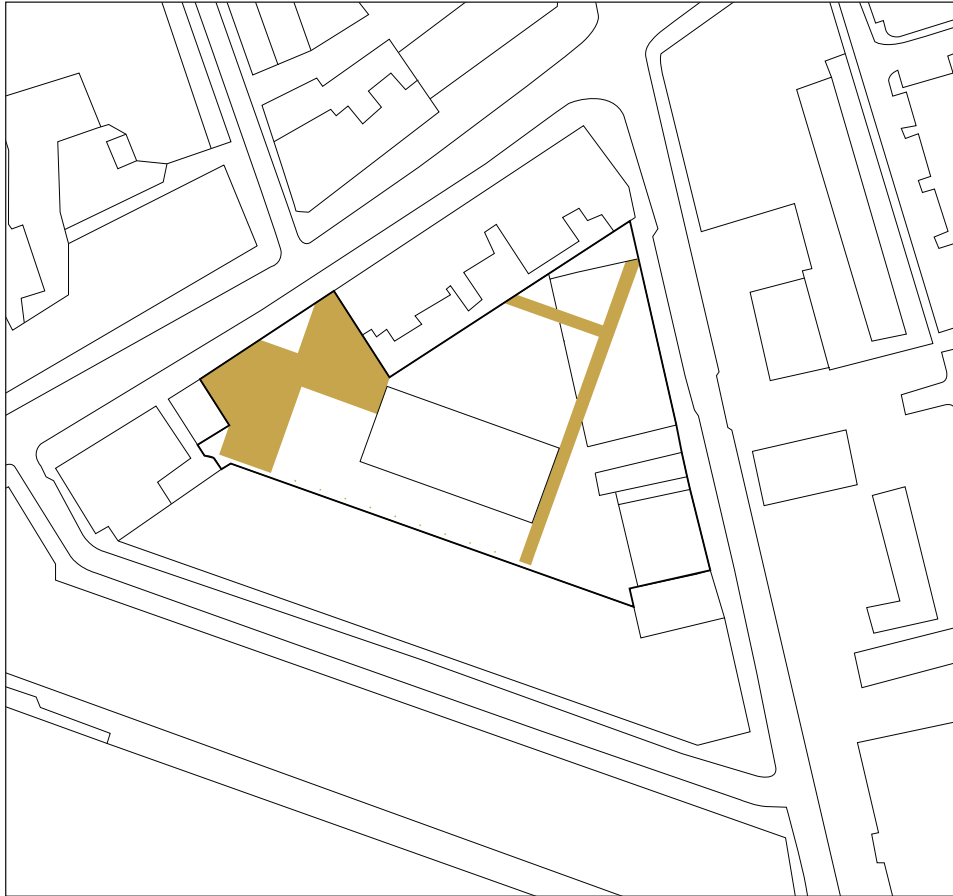
SITE CONTEXT - COMMUNITY PROGRAM



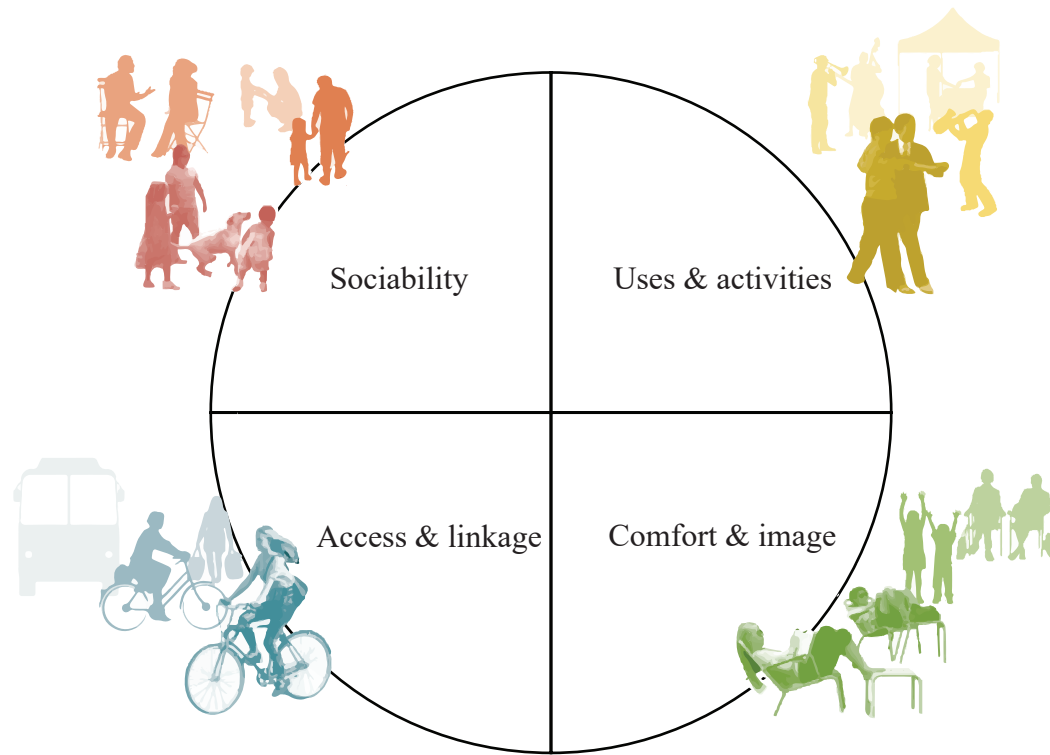
MASTERPLAN CONCEPT



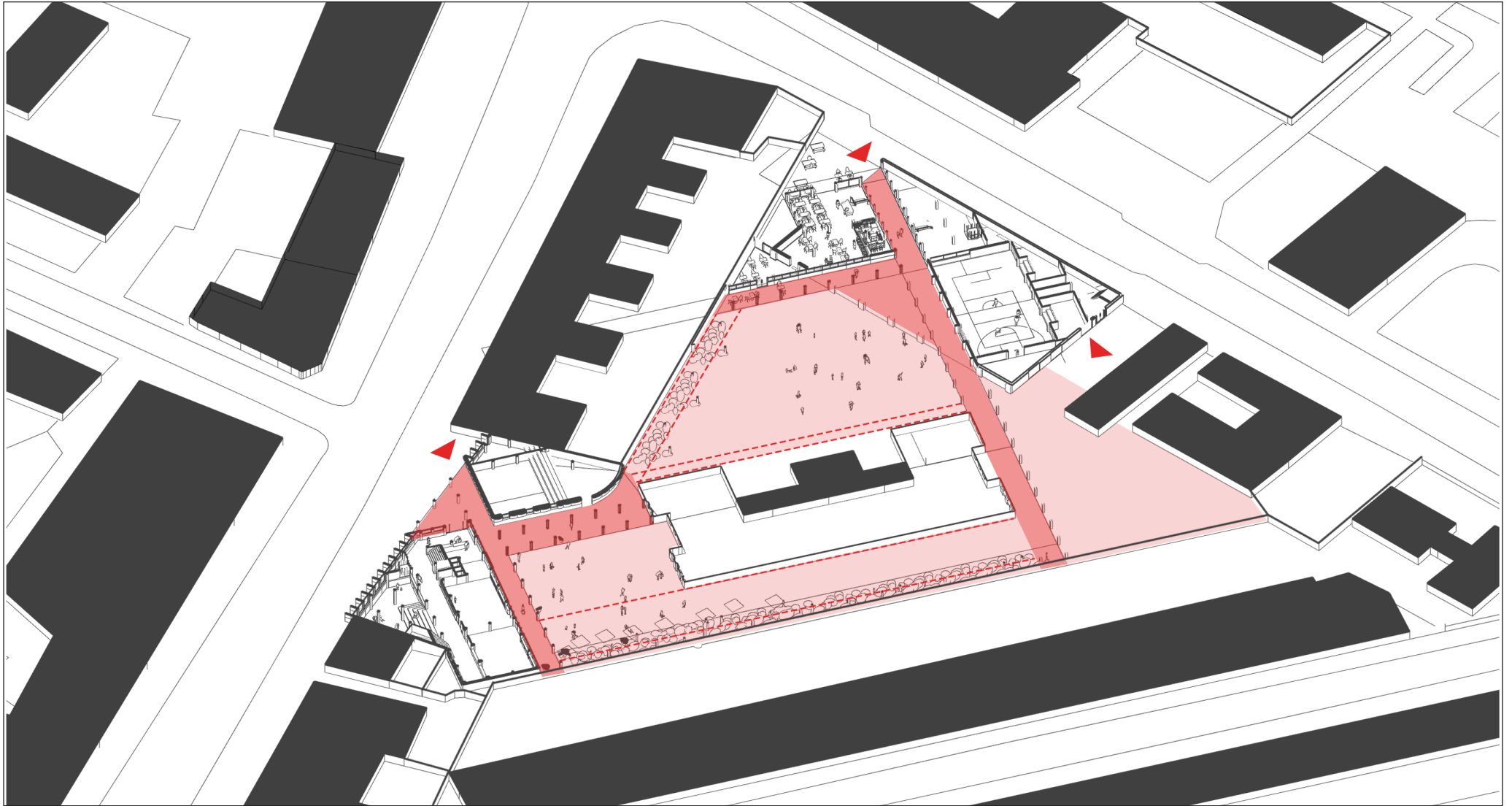
MASTERPLAN CONCEPT



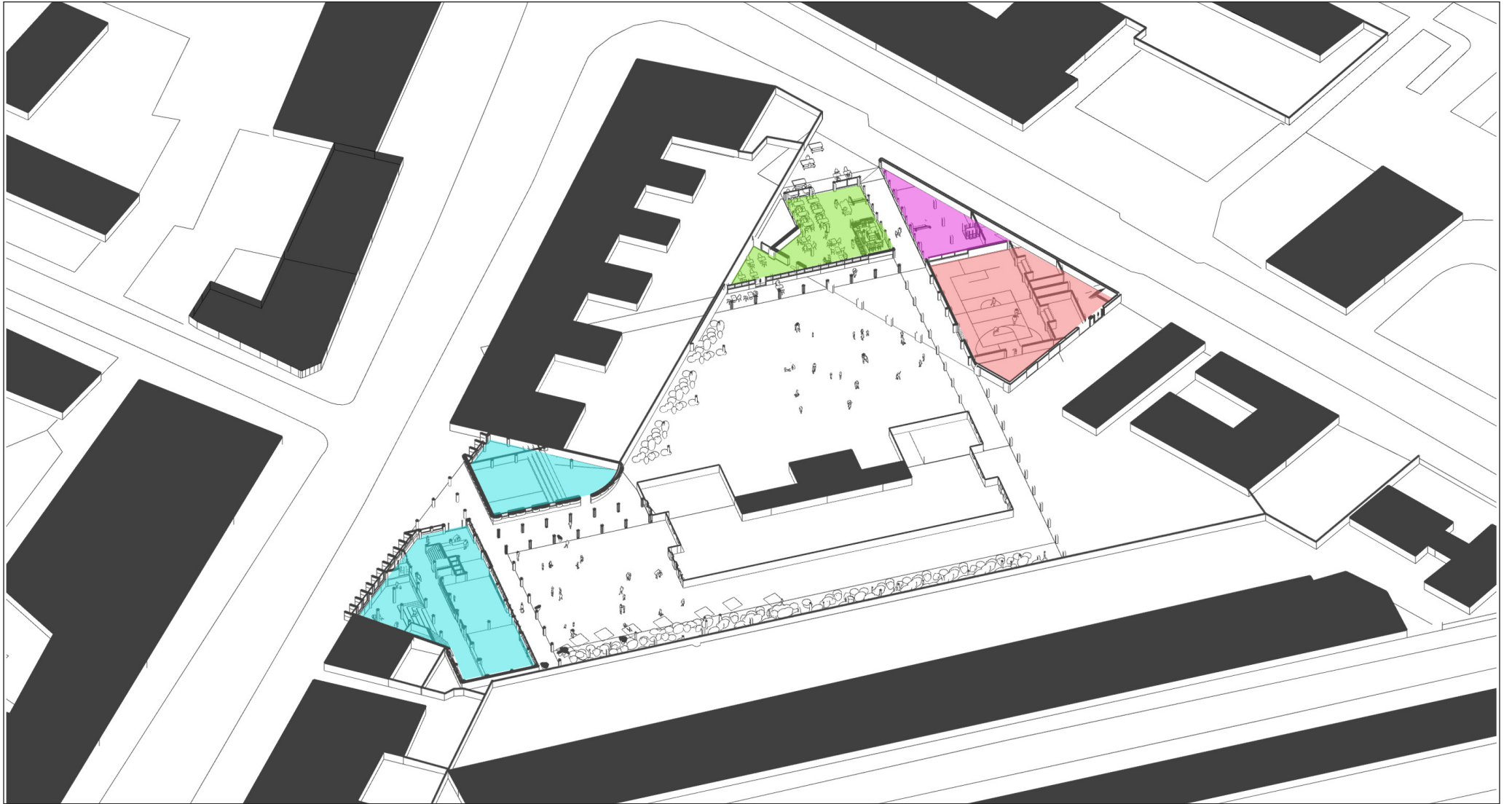
SPACE BECOMES 'PLACE'



ACCESS / LINKAGE



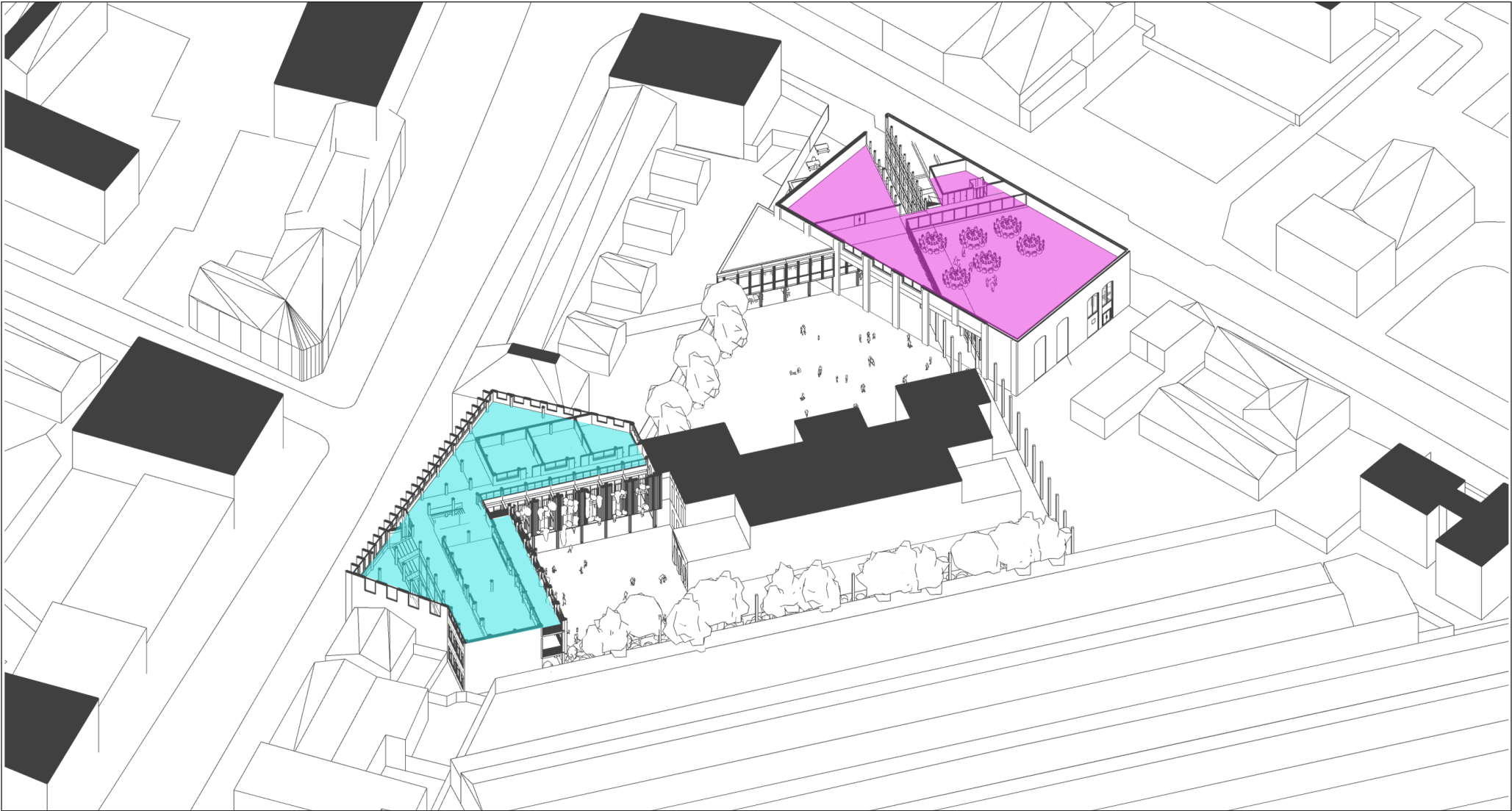
PROGRAM



PROGRAM



PROGRAM



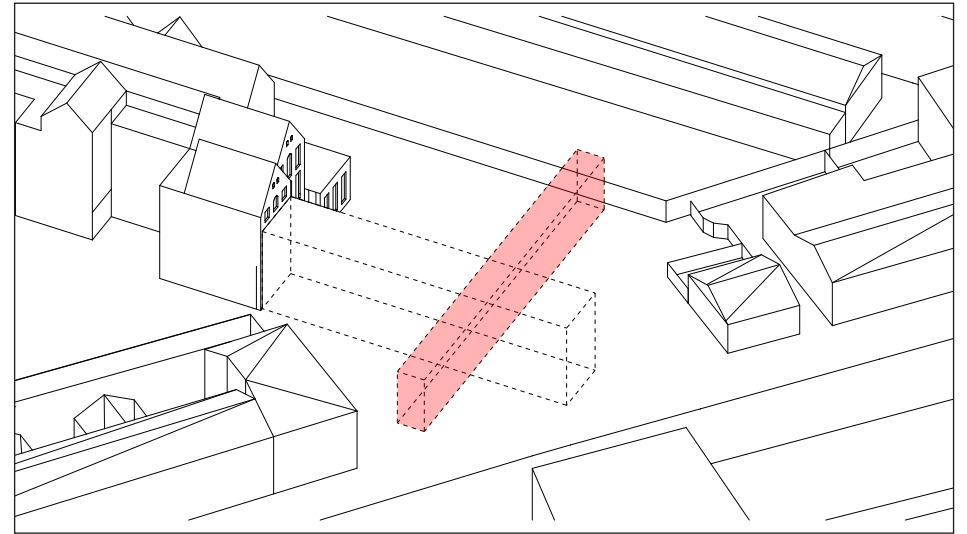
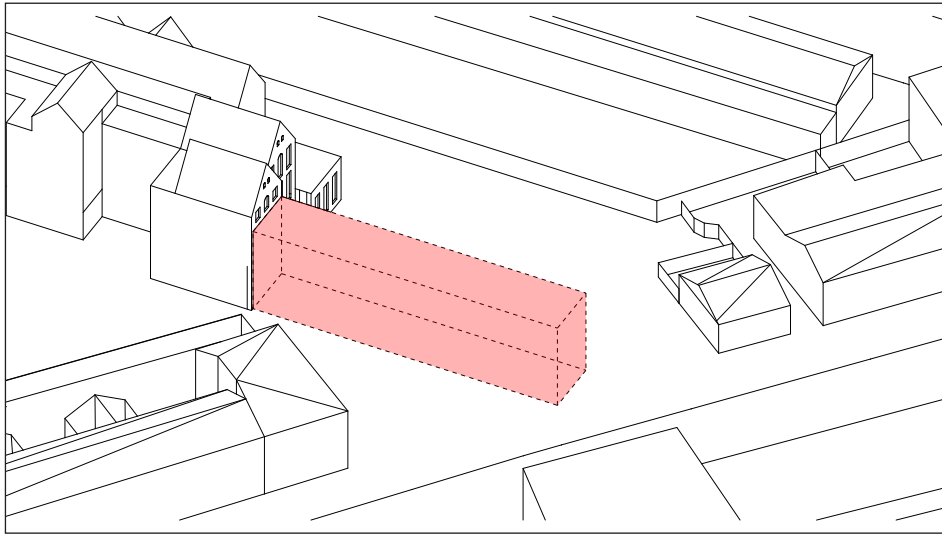
DECOR HIGH STREET EAST-WEST



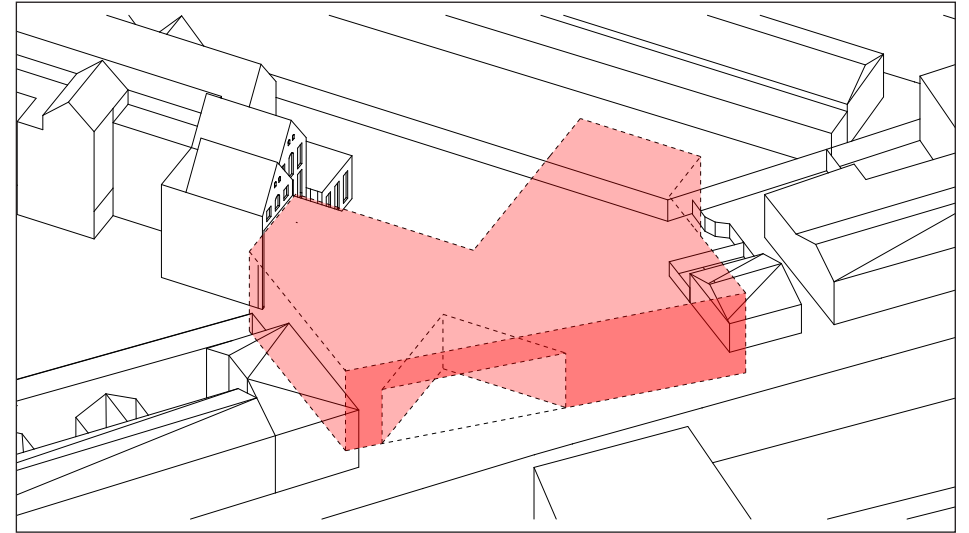
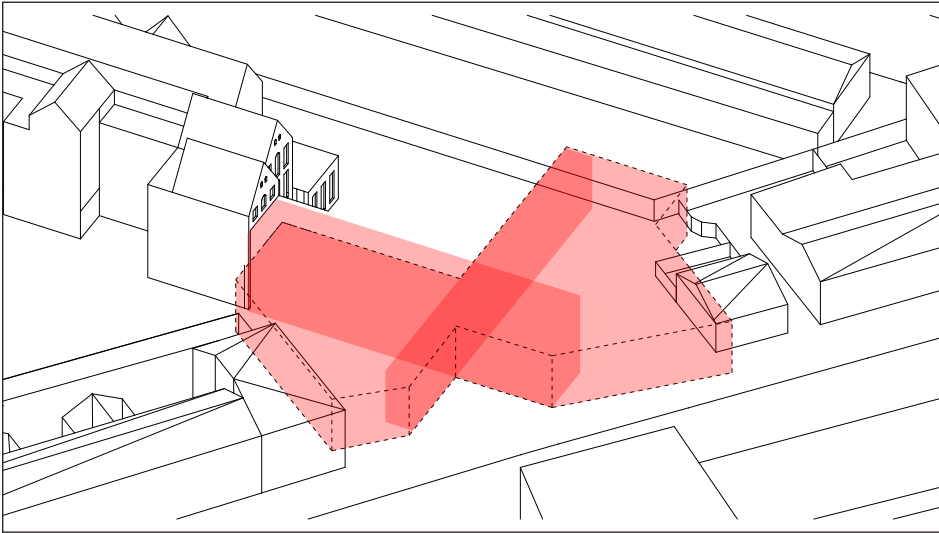
CURRENT STREETScape



SCHOOLEXTENSION CONCEPT

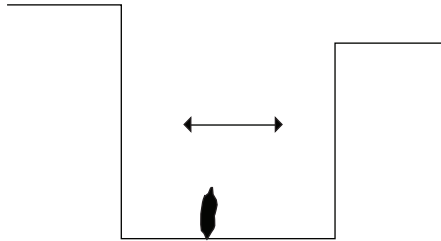


SCHOOLEXTENSION CONCEPT

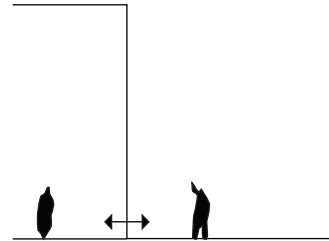


JAN GEHL - SOFT EDGE

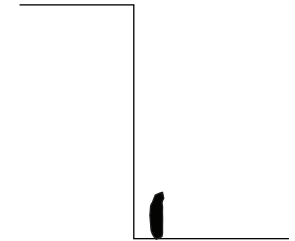
Edge that defines space



Edge as exchange zone



Edge as staying zone



parameters of the soft edges in cities



scale & rhythm



transparency



appeal to many senses



texture & detail



mixed functions



vertical facade rhythms

NEW DECOR



FRONT ELEVATION



ENTRANCE TO THE OASE



ENTER THE STOA

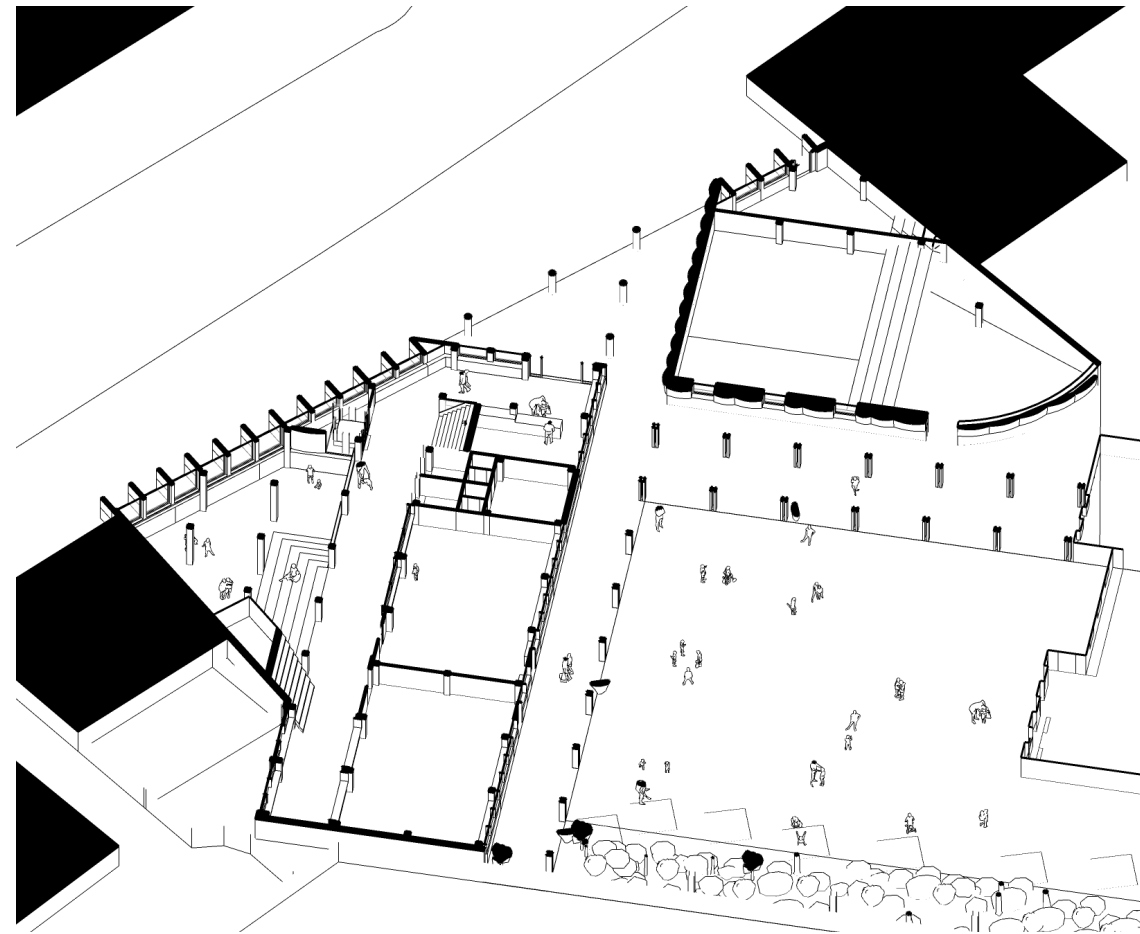
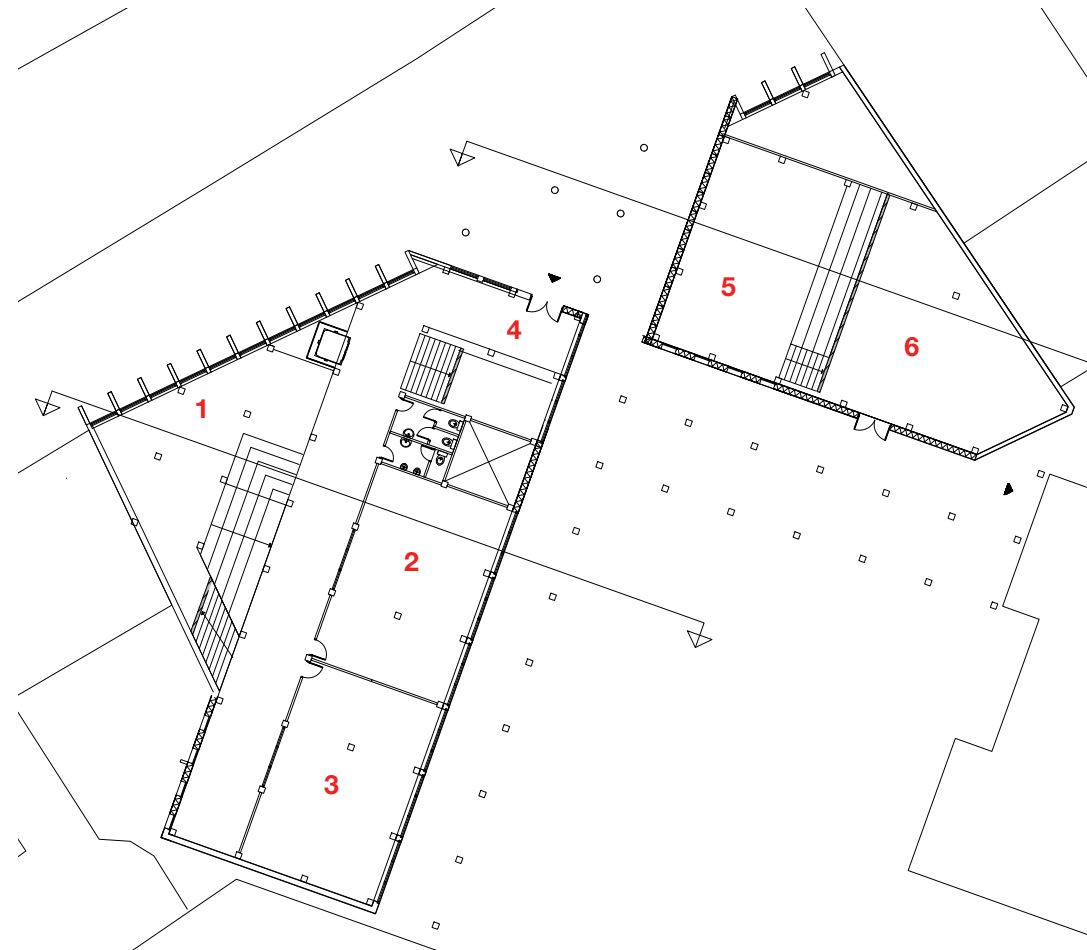


INNER DECOR



CONNECTION OLD & NEW





1. study landscape
2. workshop room
3. music room
4. entrance
5. auditorium
6. storage

ENTRANCE

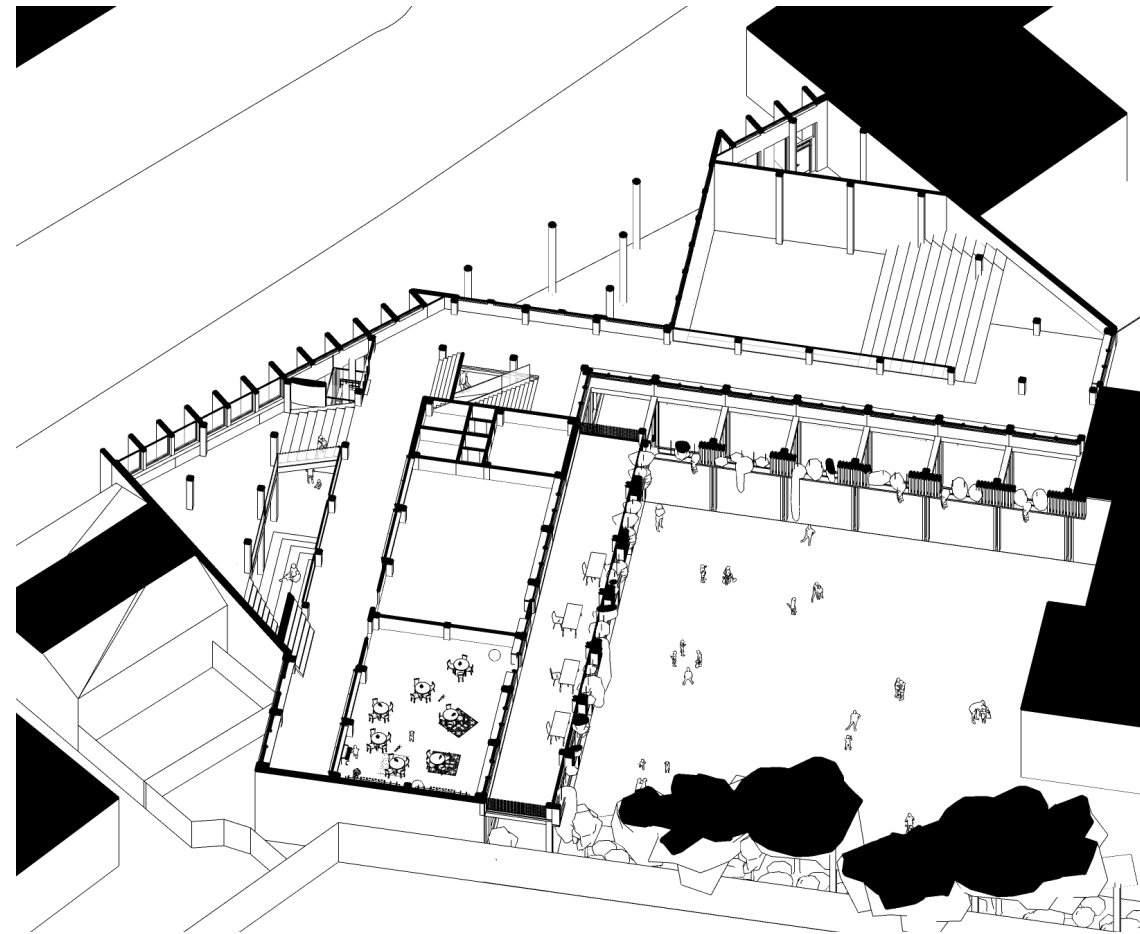
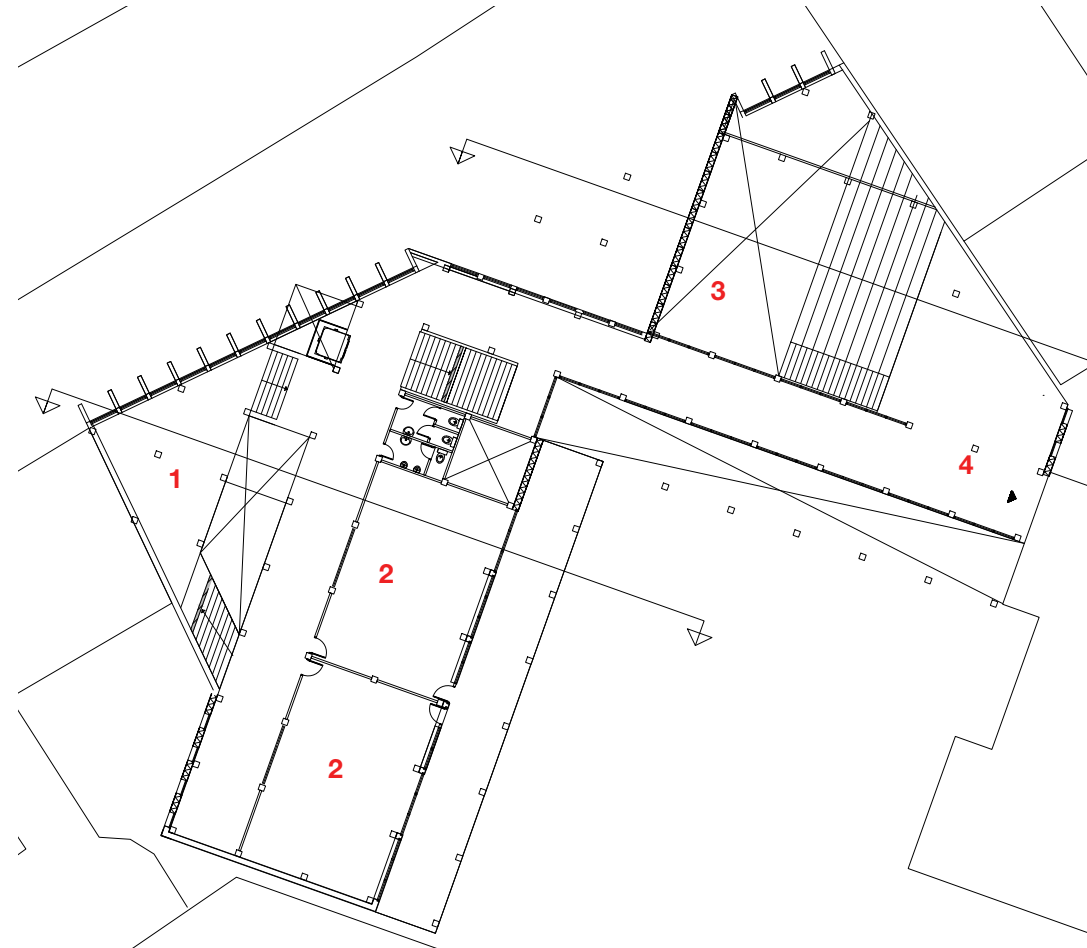


RENDER INTERIOR



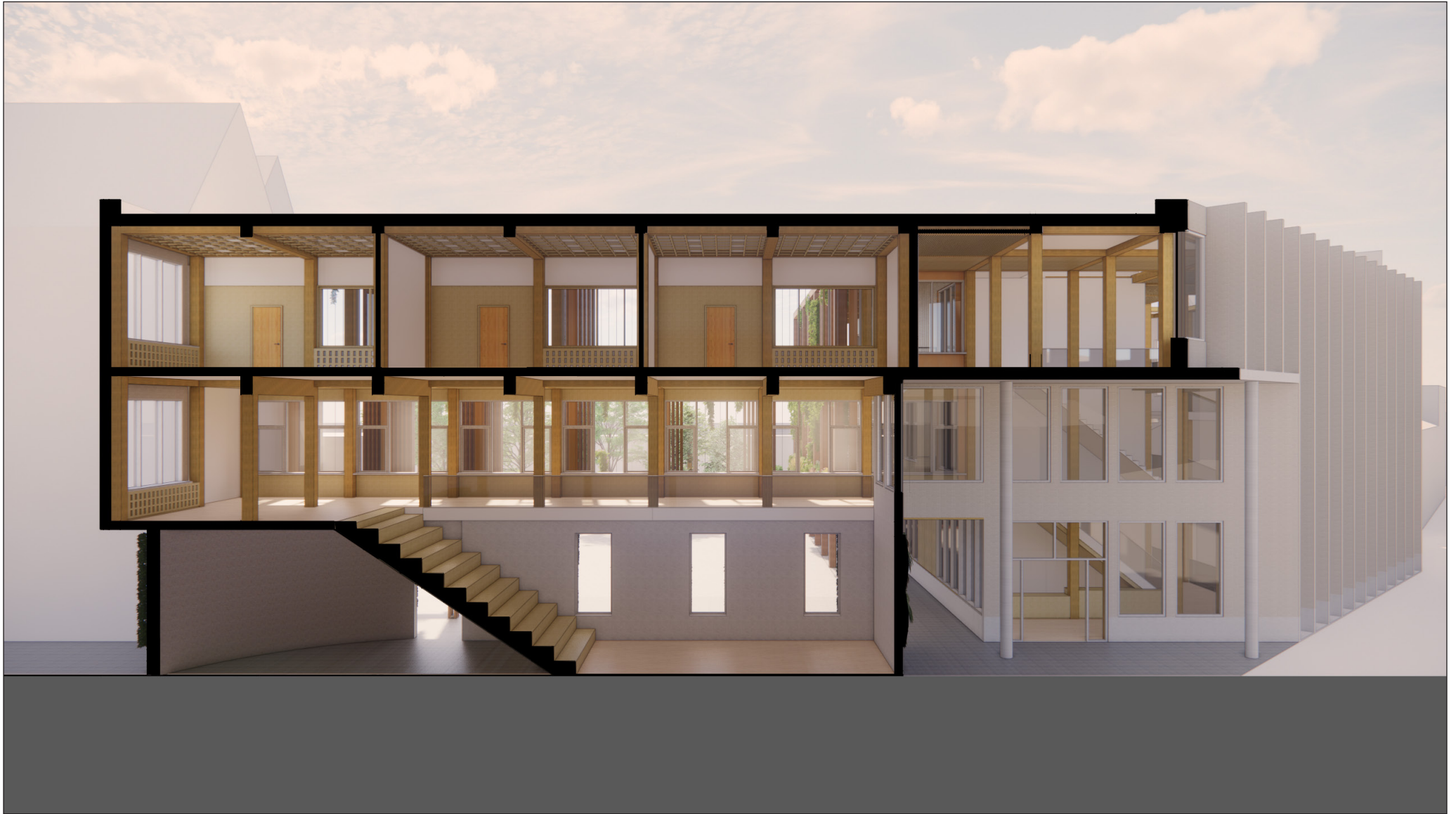
SECTION





1. study landscape
2. classrooms
3. auditorium
4. entrance school

PERSPECTIVE RENDER 2



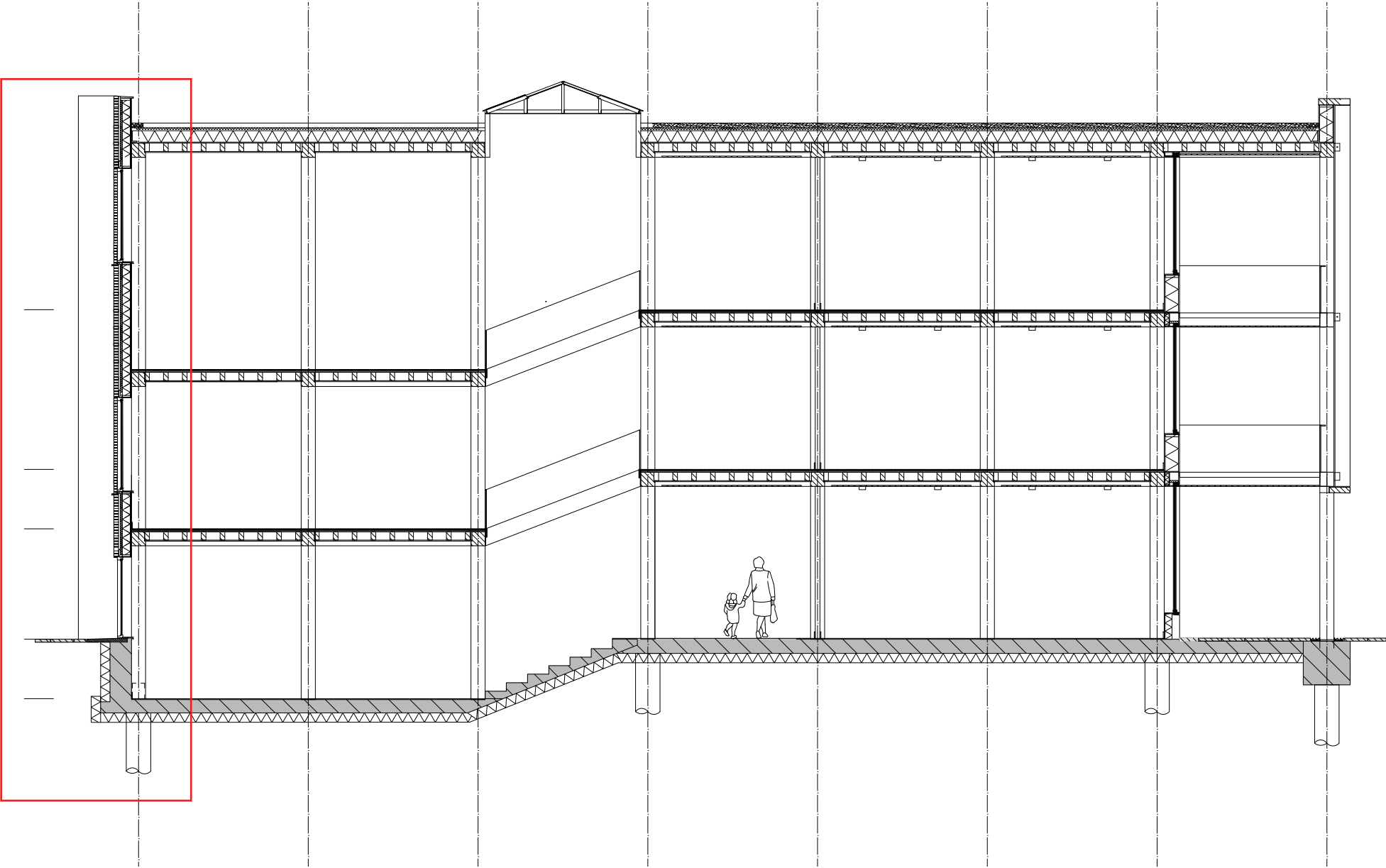
RENDER INTERIOR



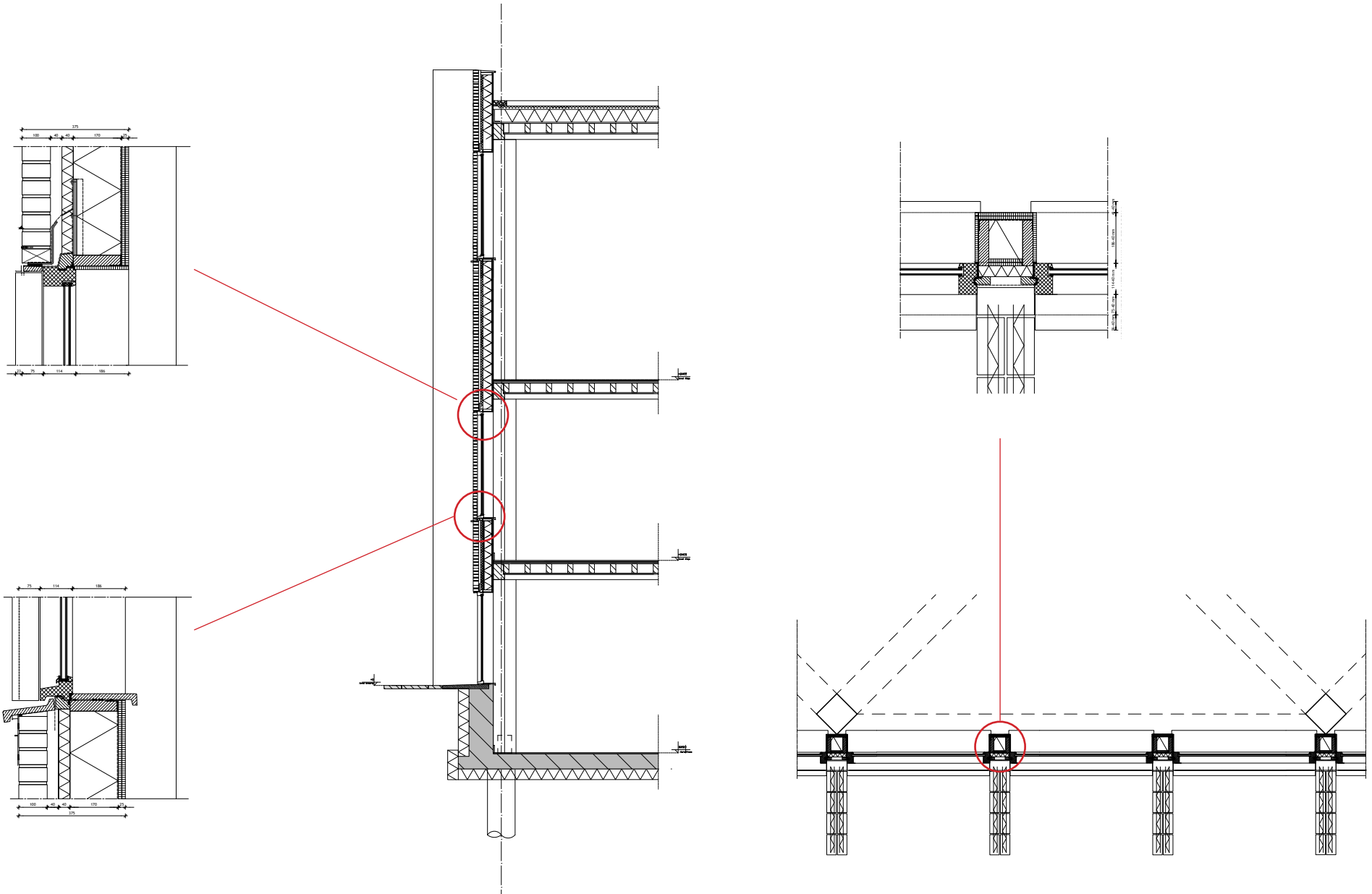
RENDER OUTDOOR



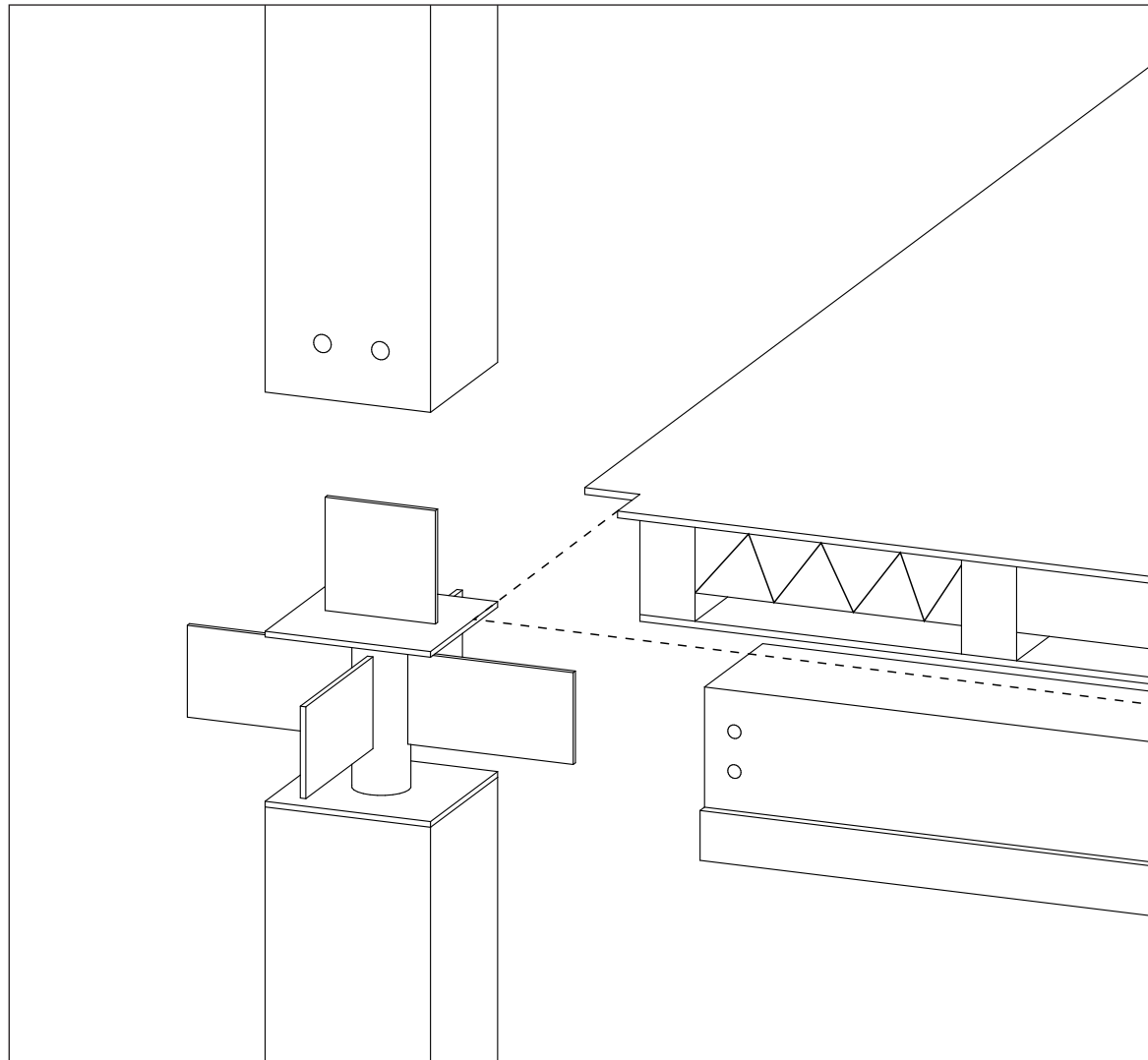
DETAILED SECTION



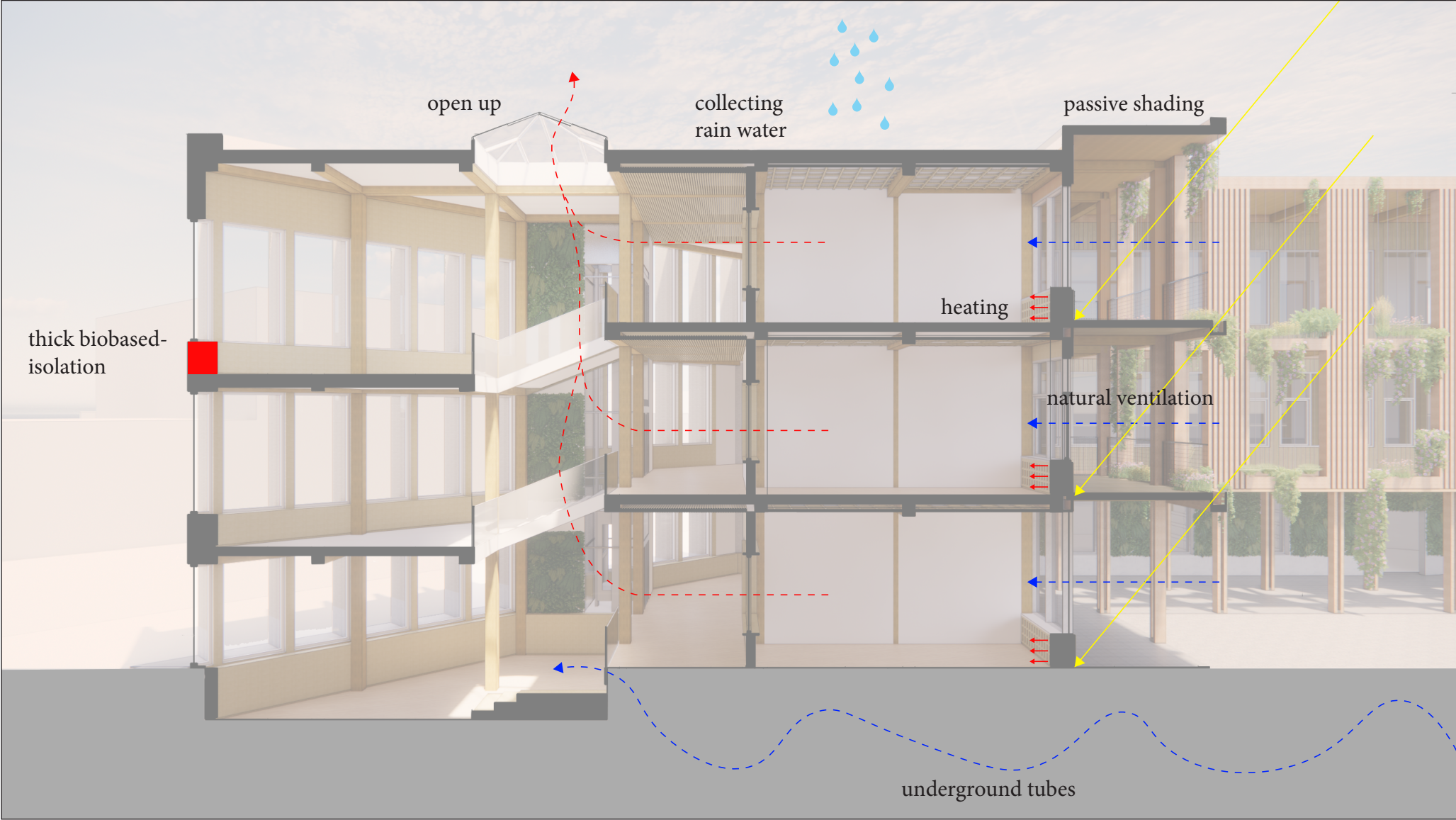
FACADE FRAGMENT



CONSTRUCTION PRINCIPLE



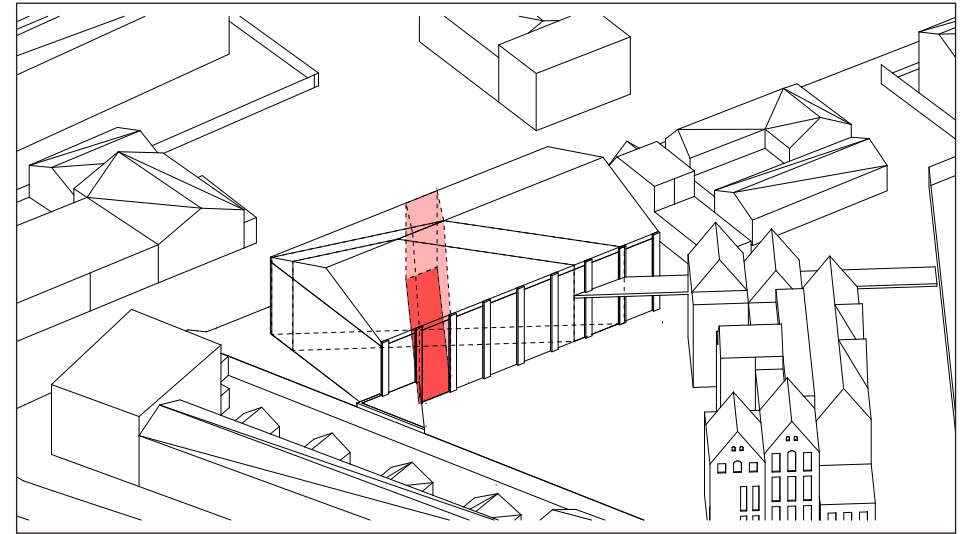
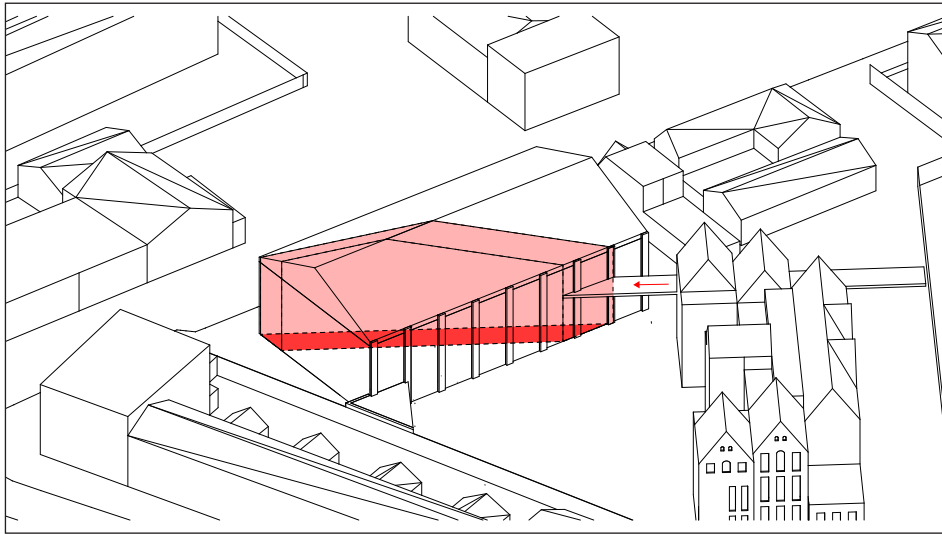
CLIMATE CONCEPT



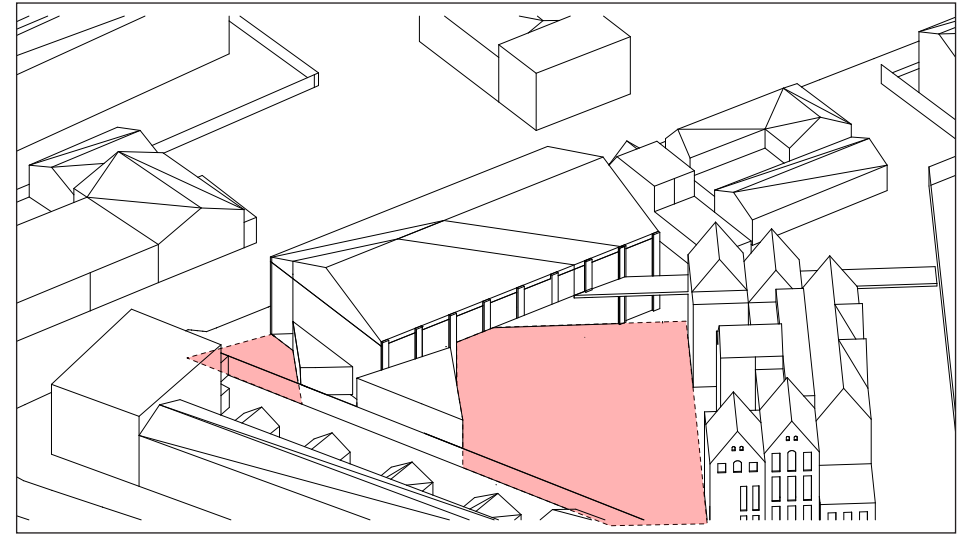
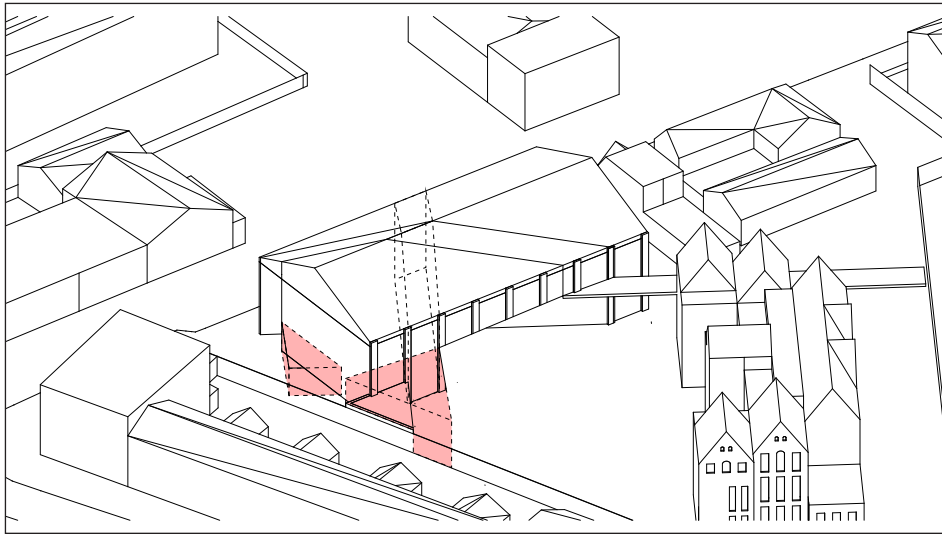
DECOR HIGH STREET NORTH-SOUTH



WEDDING HALL CONCEPT



WEDDING HALL CONCEPT



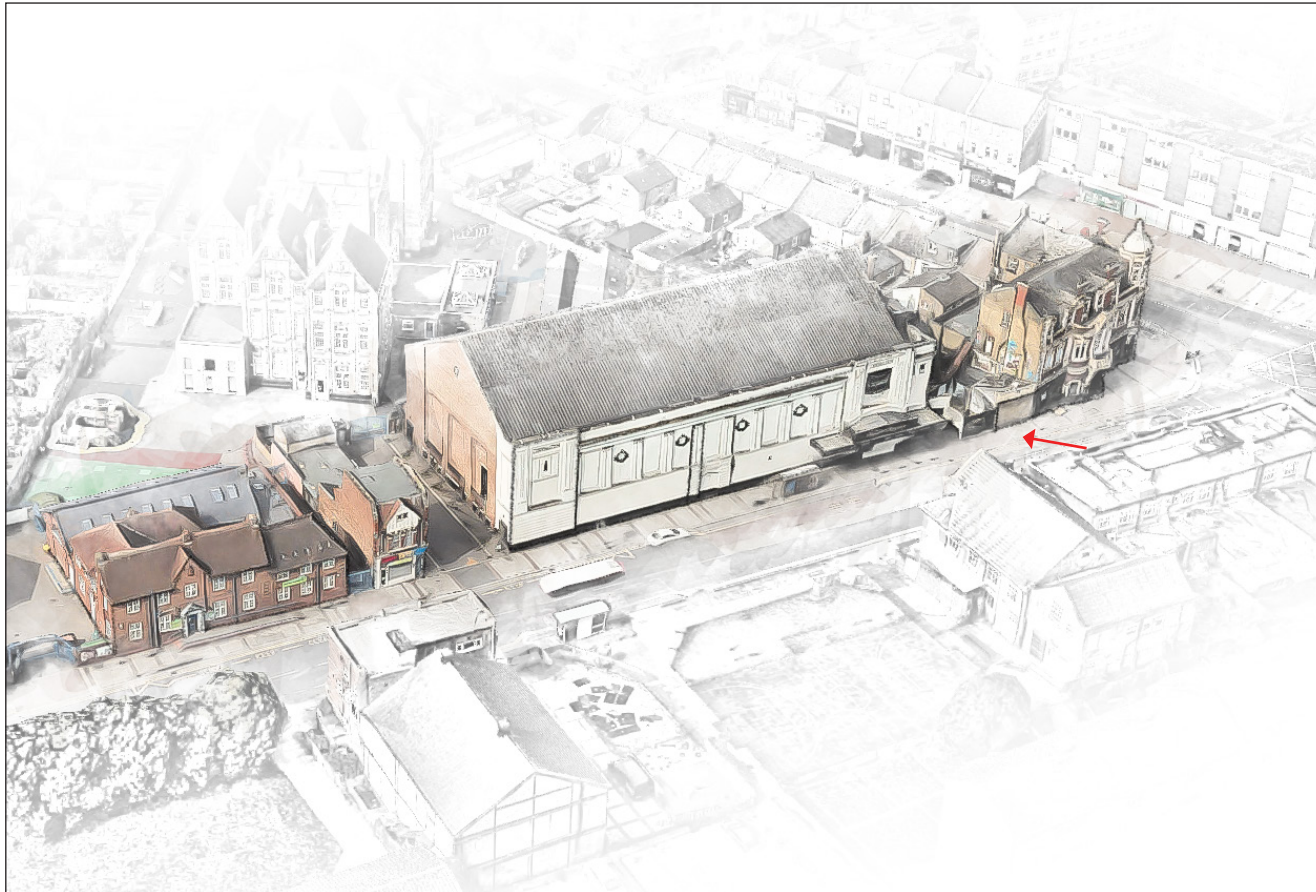
DECOR



ENTRANCE TO THE SCHOOL



DECOR

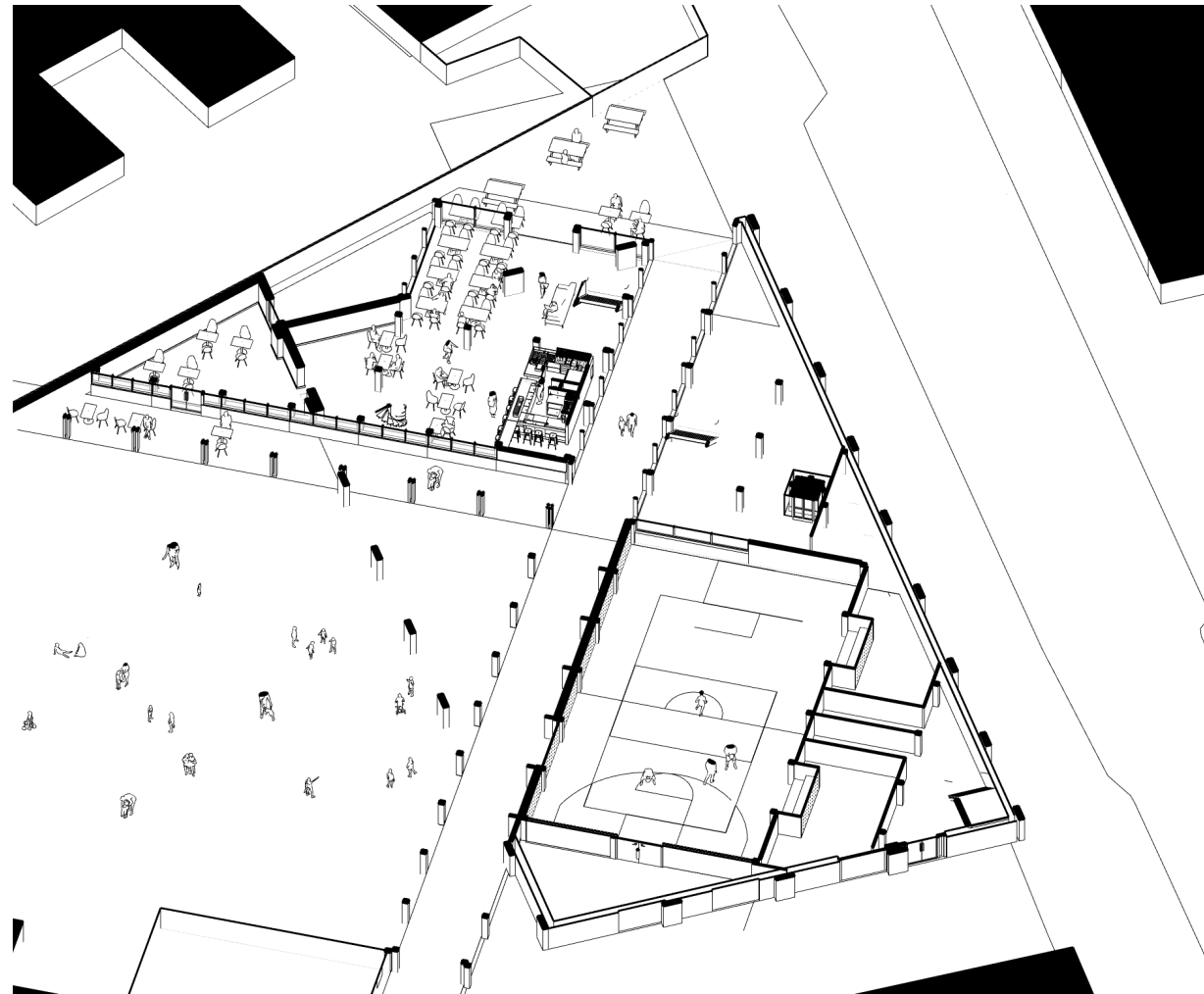
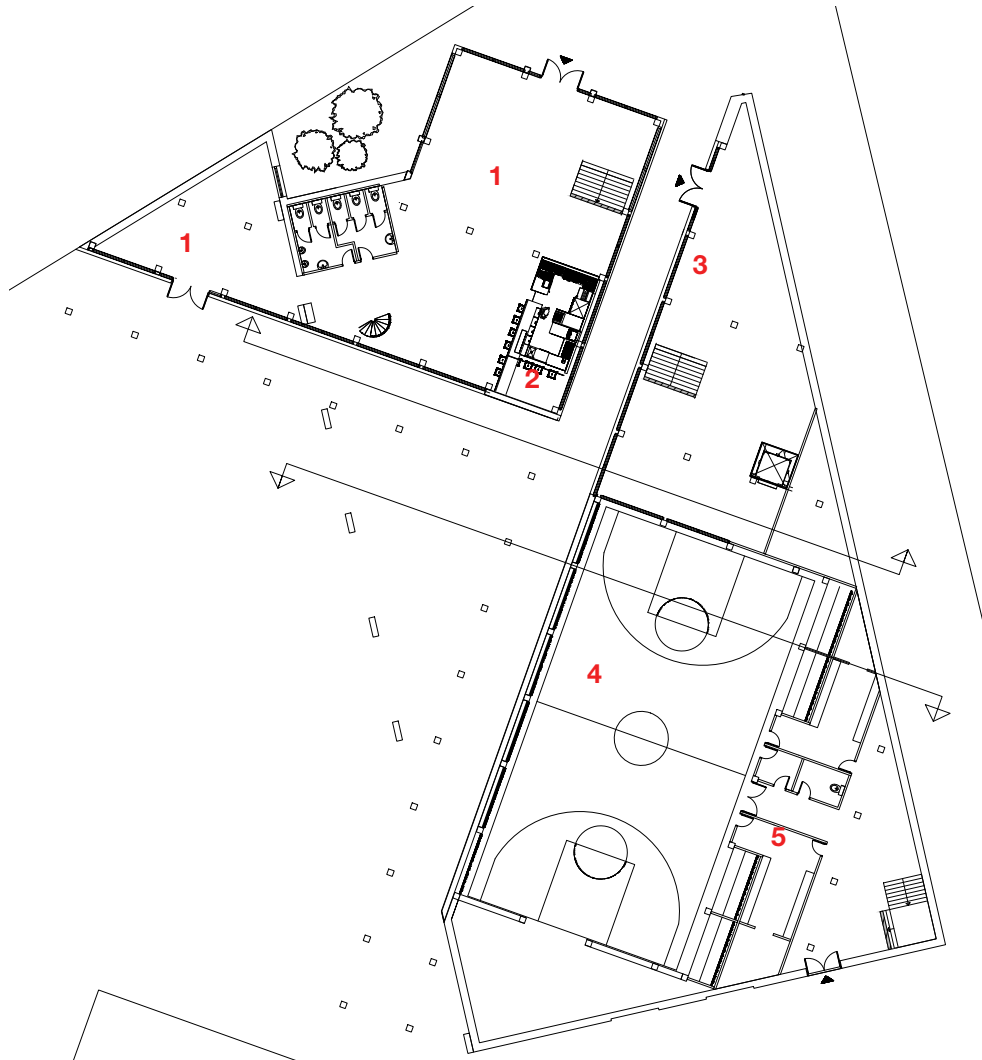


ENTRANCE



INNER FACADE

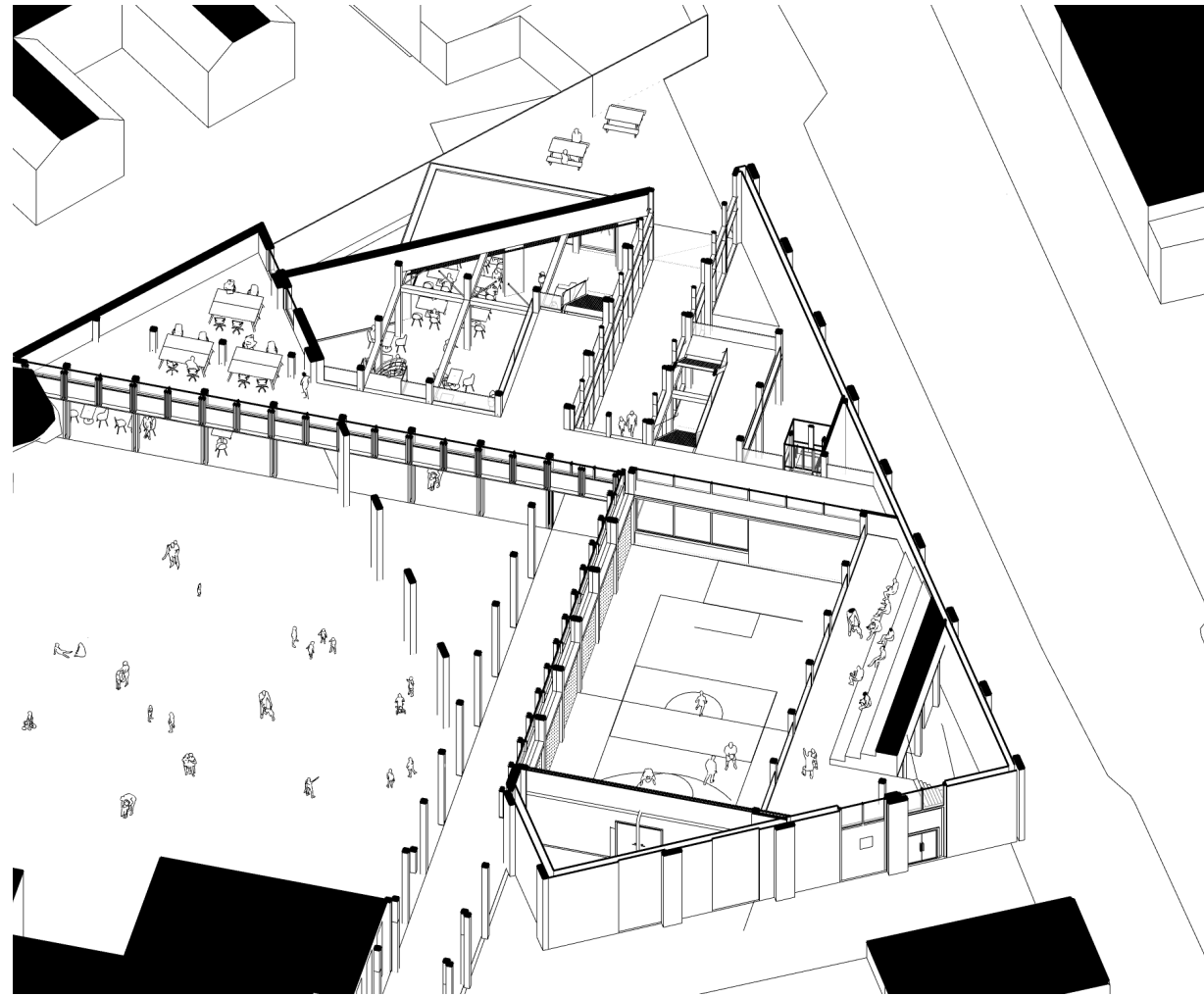
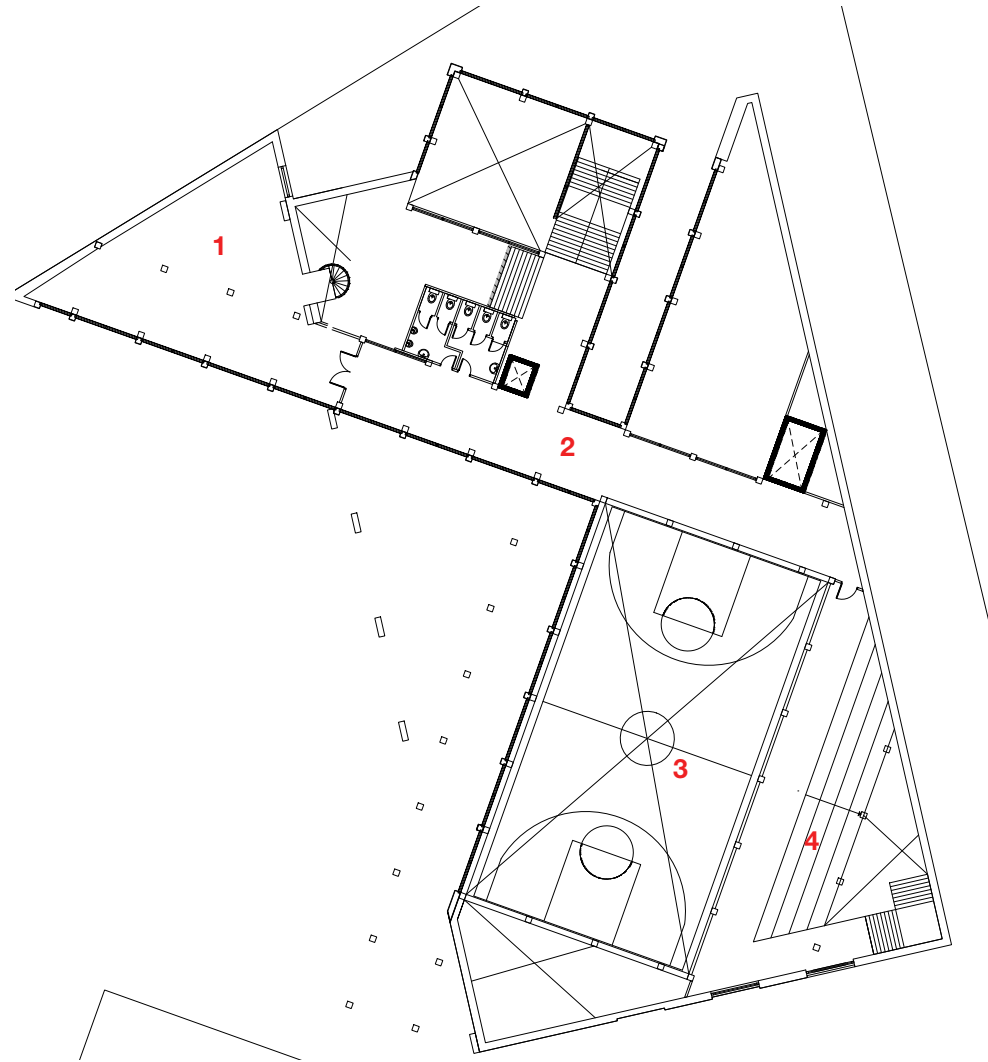




- 1. cafe restaurant
- 2. kitchen
- 3. entry to event hall
- 4. sports hall
- 5. dressing rooms

RESTAURANT



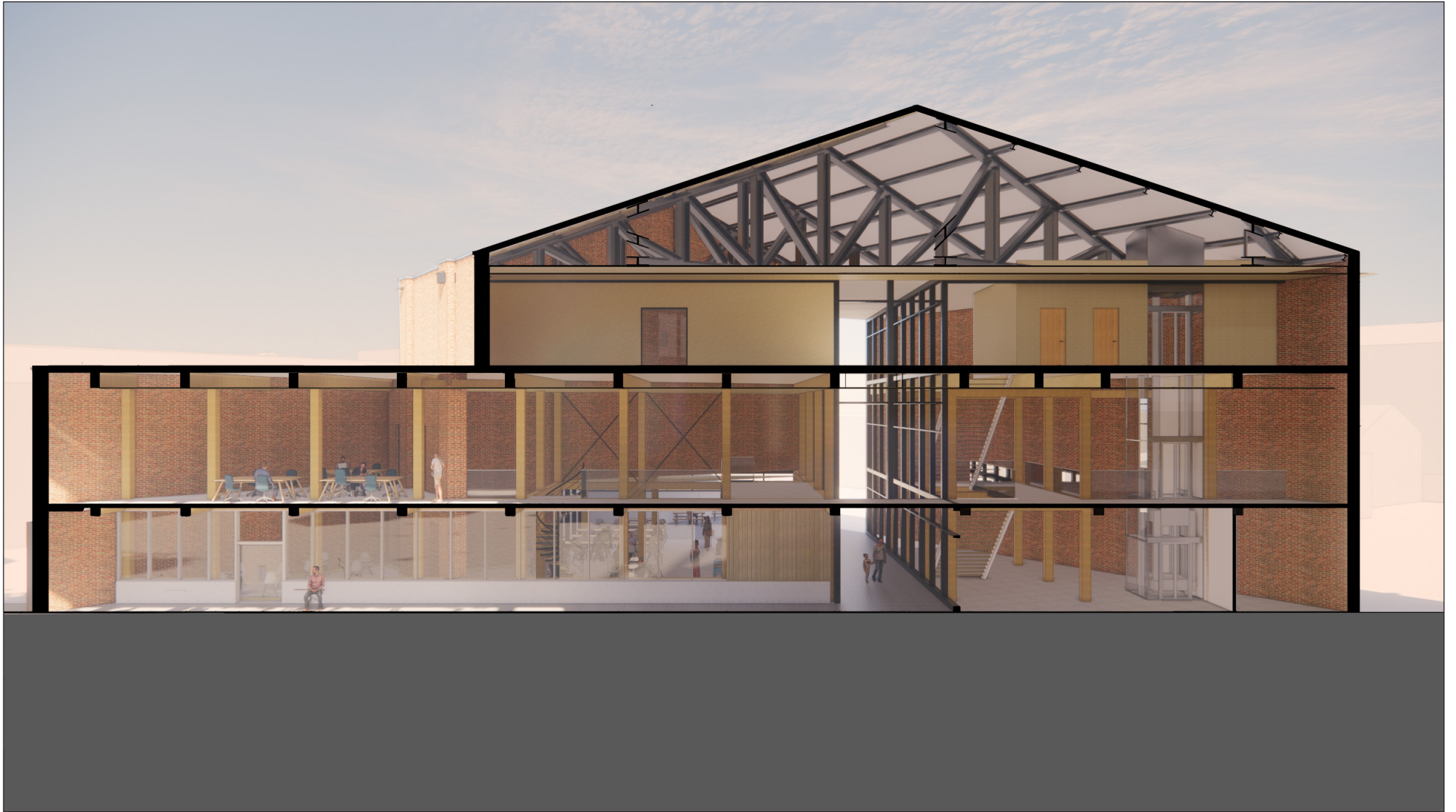


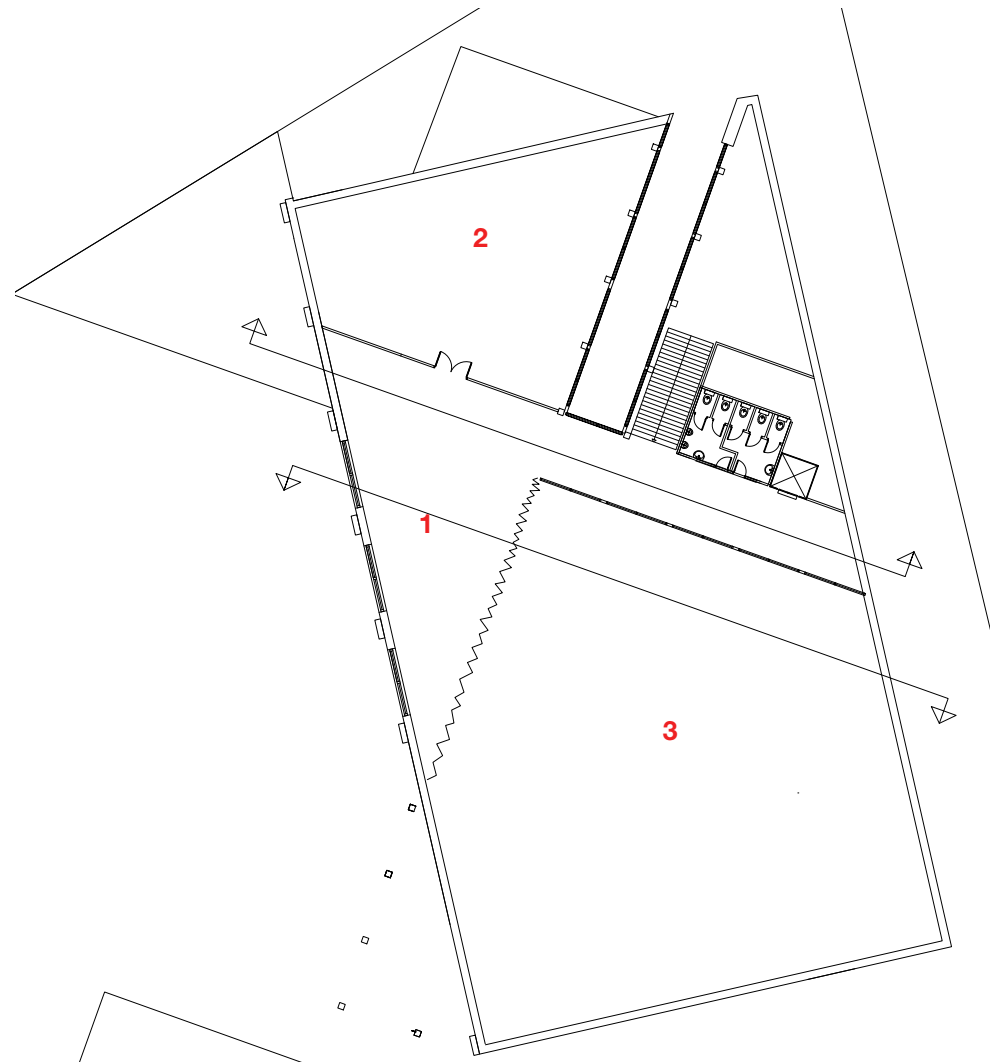
- 1. working space
- 2. connecting hallway
- 3. sports hall
- 4. tribune

GYM



SECTION





1. lounge / foyer
2. storage space
3. event hall

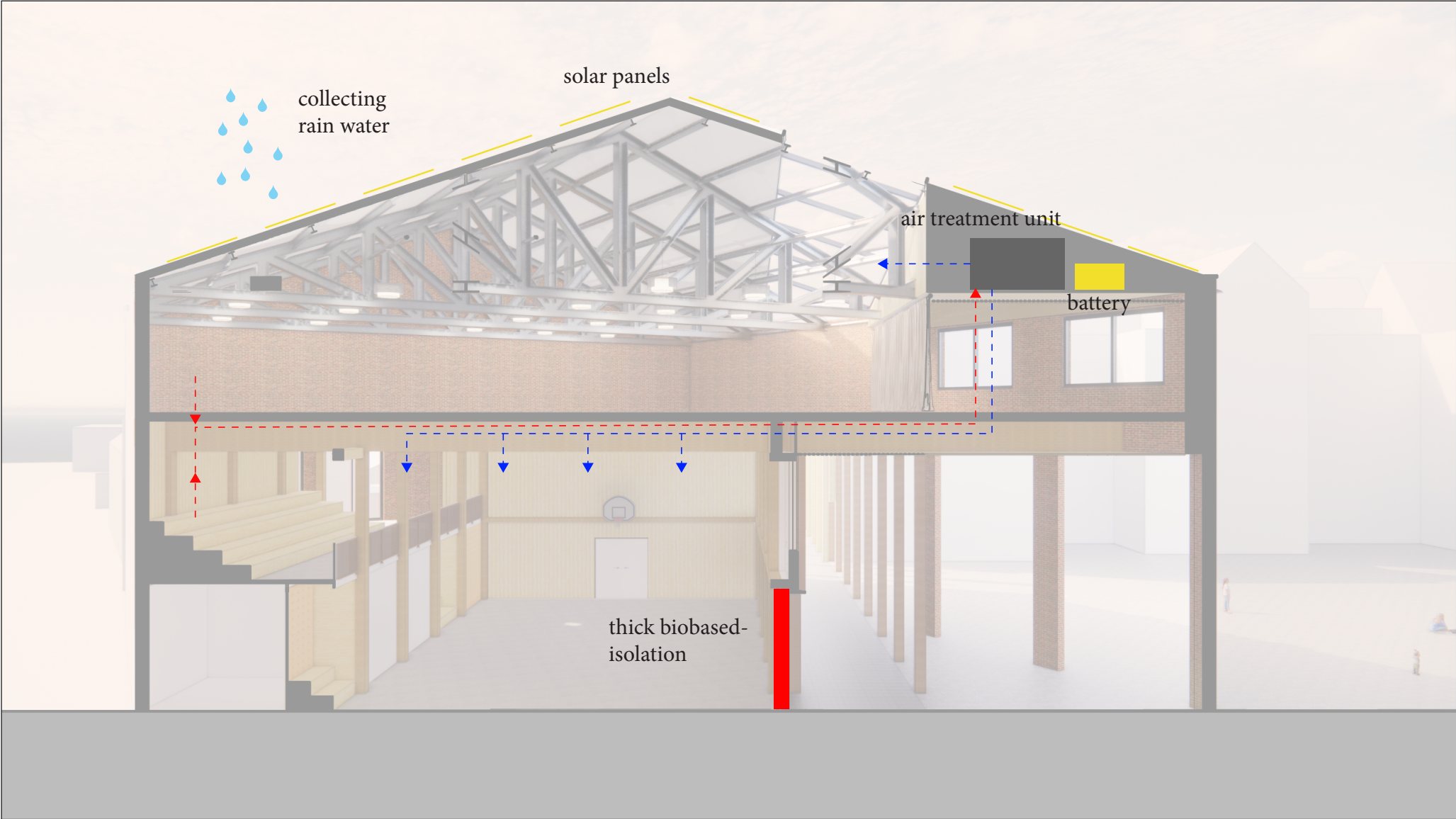
SECTION



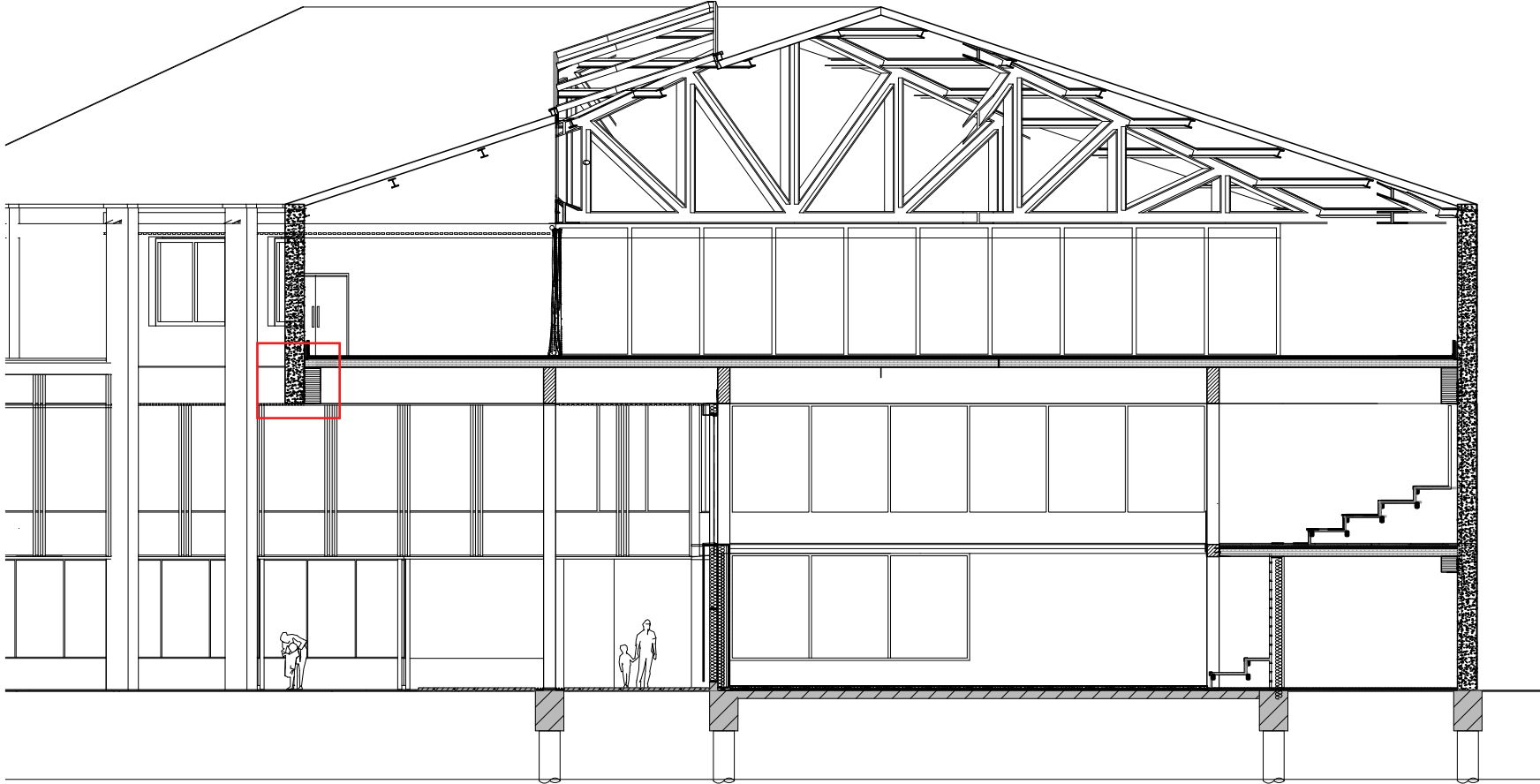
WEDDING HALL



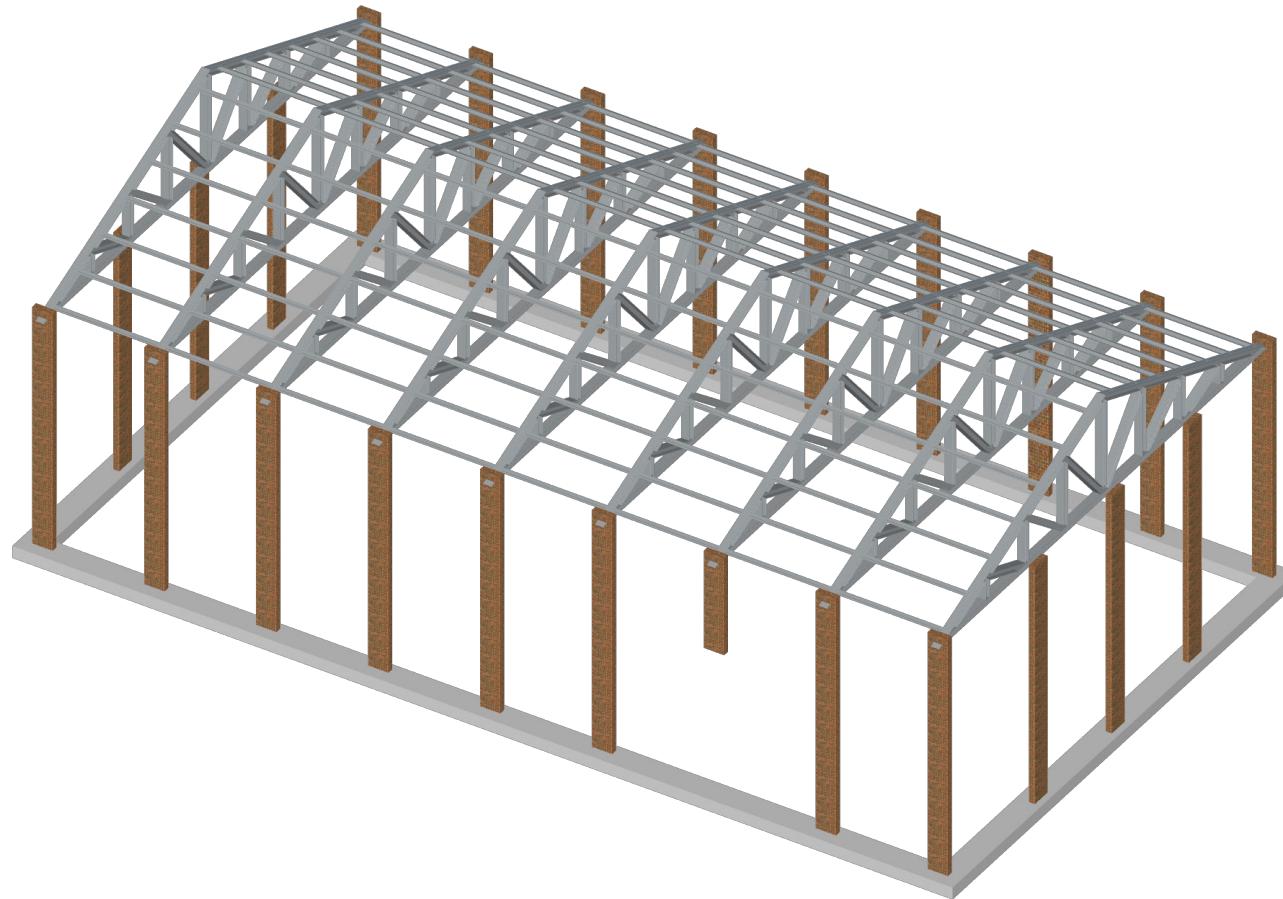
CLIMATE CONCEPT



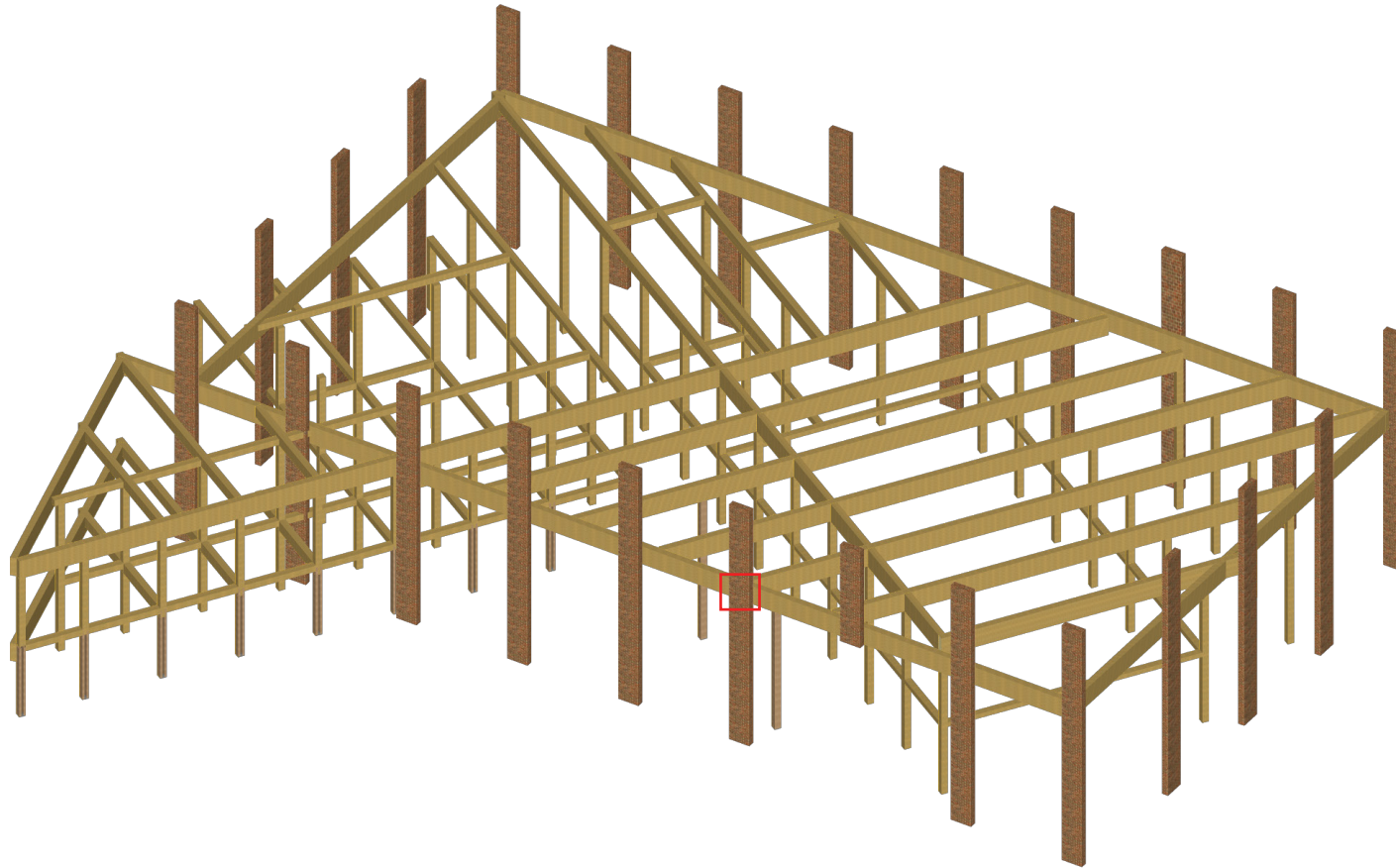
DETAILED SECTION



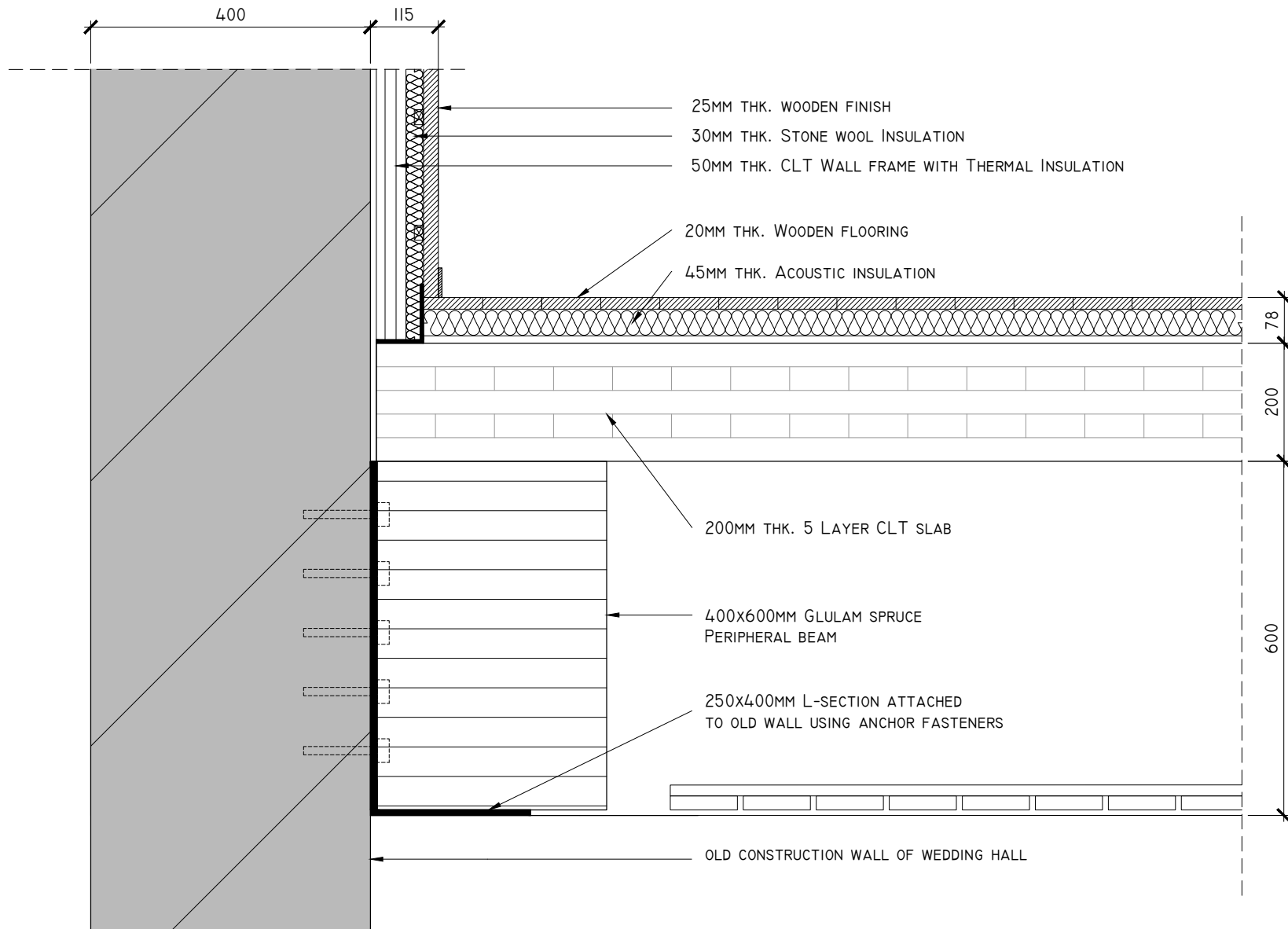
CONSTRUCTION PRINCIPLE



CONSTRUCTION PRINCIPLE



DETAIL / CONSTRUCTION PRINCIPLE



OVERVIEW

