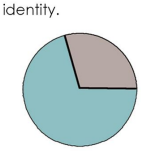
REVITILIZED CARPENTERY SCHOOL

PORT-SAID
A TALE OF FADING IDENTITY

PORT-SAID IS A COSMOPOLITAN CITY THAT STRUGGLES BETWEEN PRESERVATION OF HERITIAGE AND THE NEW UEBAN DEVELOPMENT CREATING AN ARCHITECTURE DIALOUGE THAT RESHAPES HE IDENTITY OF THE CITY.

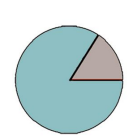
CONCEPT ANALYSIS

This project is a wood recycle crafts school that aims to regenerate the identity of the Arab district in Portsaid. The regeneration of identity process is done through the reviving of the old features found in the Arab district and reusing it to fulfill the socio-culture aspects and needs for the user. In addition to that, waste materials "wood and bricks" are recycled and reused in the building to decrease waste percentage and encourage the residents to recycle their waste materials. Visual connectivity was achieved through connecting the district with wooden like frames in order to, empower the user experience in acknowledging the Arab district identity.



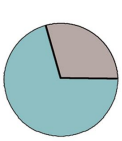
Existing of local immigration

70% is local immagirants due to lack of job opportunities.



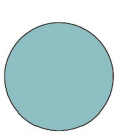
Existingof crafts school

85% are intersted to have crafts schools.



Existing of multi-cultures

70% would like the existing of multi-cultures



Street shopping

100% prefer shopping from street vendors

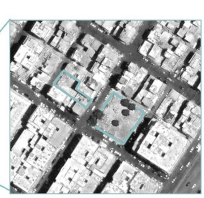
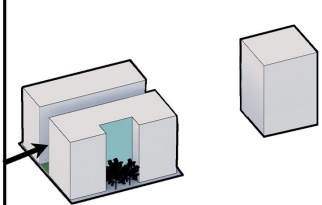


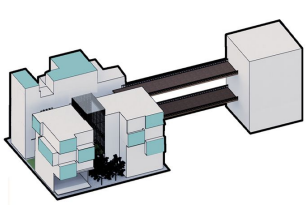
Figure 1 shows the urban fabric of the Arabic district which is a narrow spacing linear grid that is densely populated.
Figure 2 shows the Site location, it is surrounded by several buildings with that still maintain the old features. Also inside the site is several trees that are to be preserved in the project.

SDGS

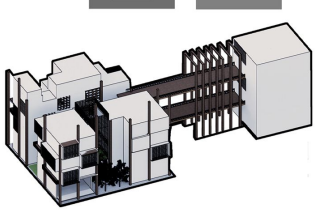
FROM GENERATION



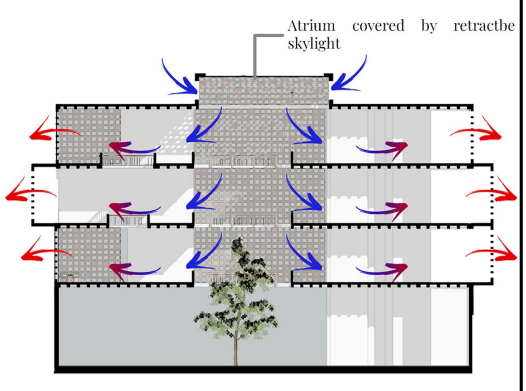
Building is extruded on the land exculding the outline of existing trees, passway divides the building to allow access of plaza



Inspired by the addition and subtraction in the context, boxes are extruded and subtracted from the building on a module inspired from the module used in context

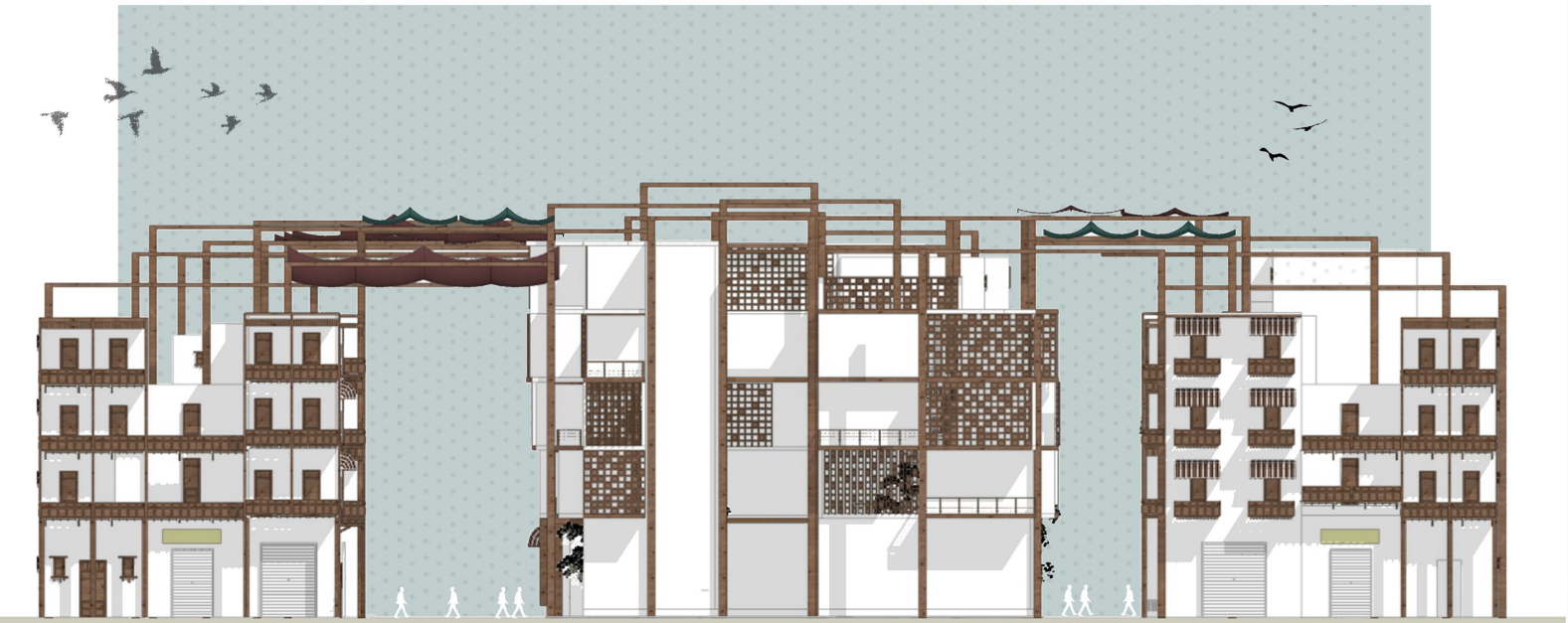


Regenrated wooden features are added to the building to achieve visual connectivity and unify the district identity.



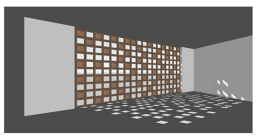
Cold air enter the building through the atrium top openings designed as wind catcher and exist through the mashrabya like screen

ELEVATION BEFORE
SCALE 1:400

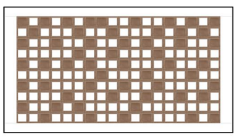


ELEVATION AFTER
SCALE 1:400

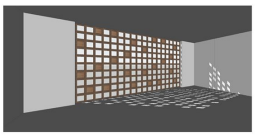
SCREEN DIAGRAM



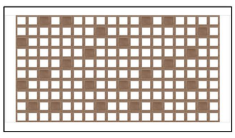
North- East Orientation



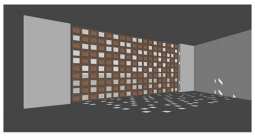
Solid to void ratio 40:60



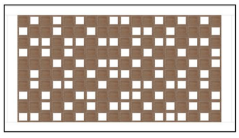
North- West Orientation



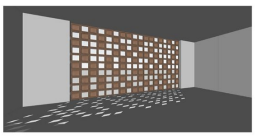
Solid to void ratio 20:80



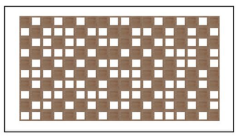
South- East Orientation



Solid to void ratio 80:20

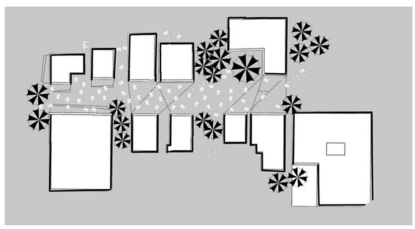


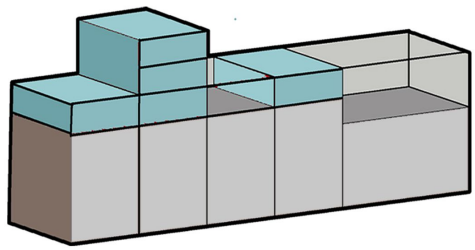
South- West Orientation

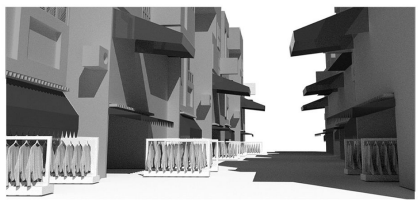


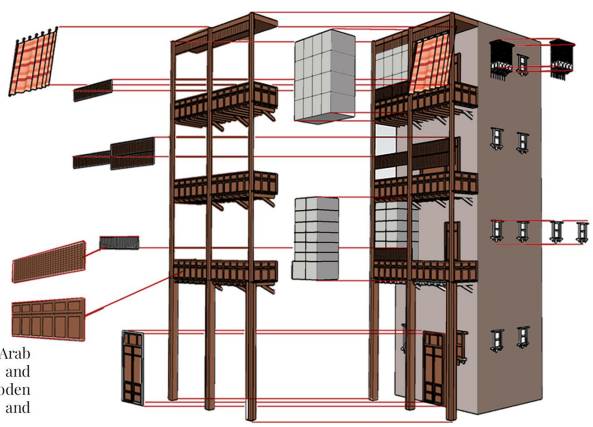
Solid to void ratio 60:40

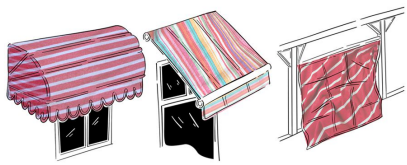
FEATURES DIAGRAMS







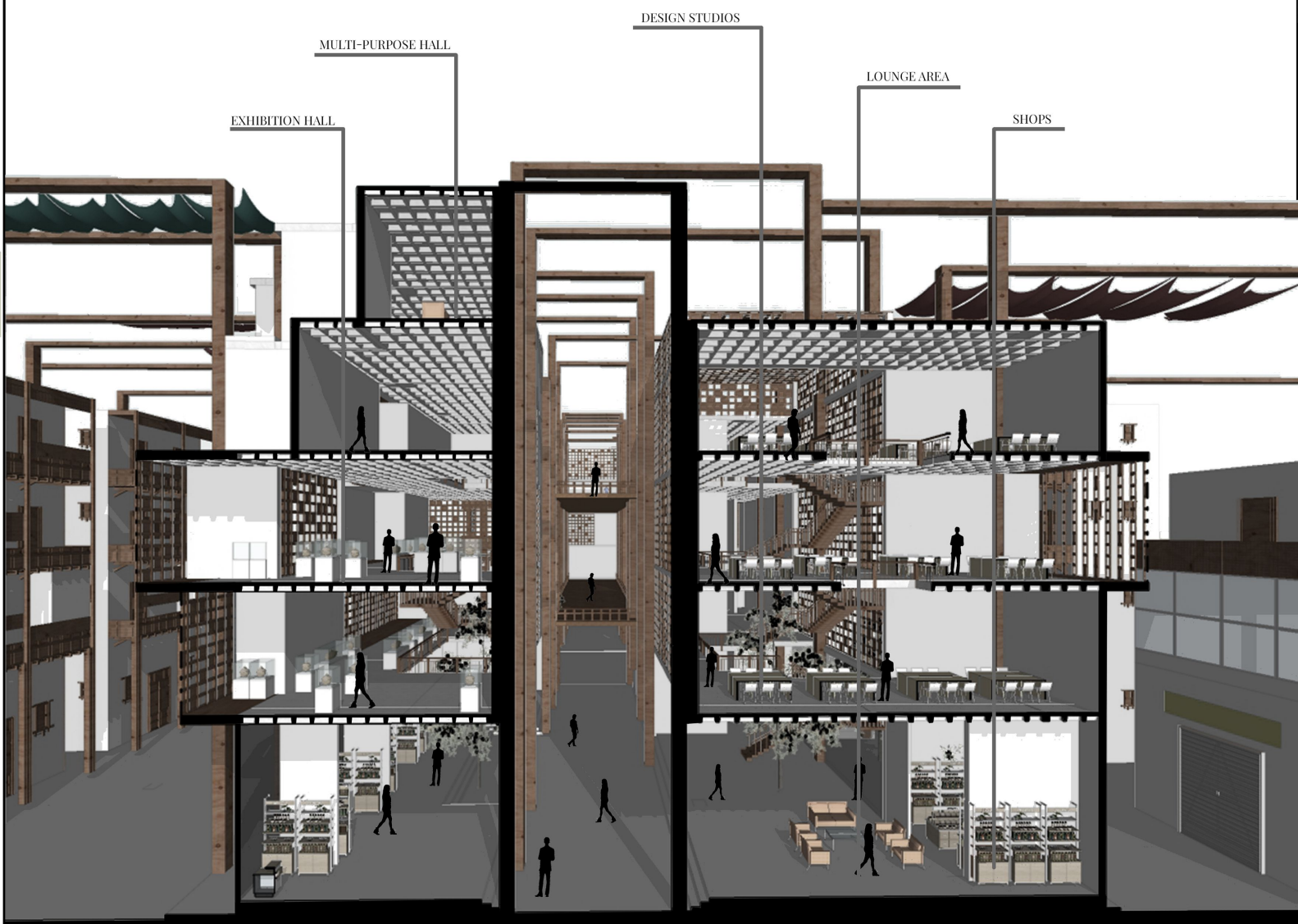




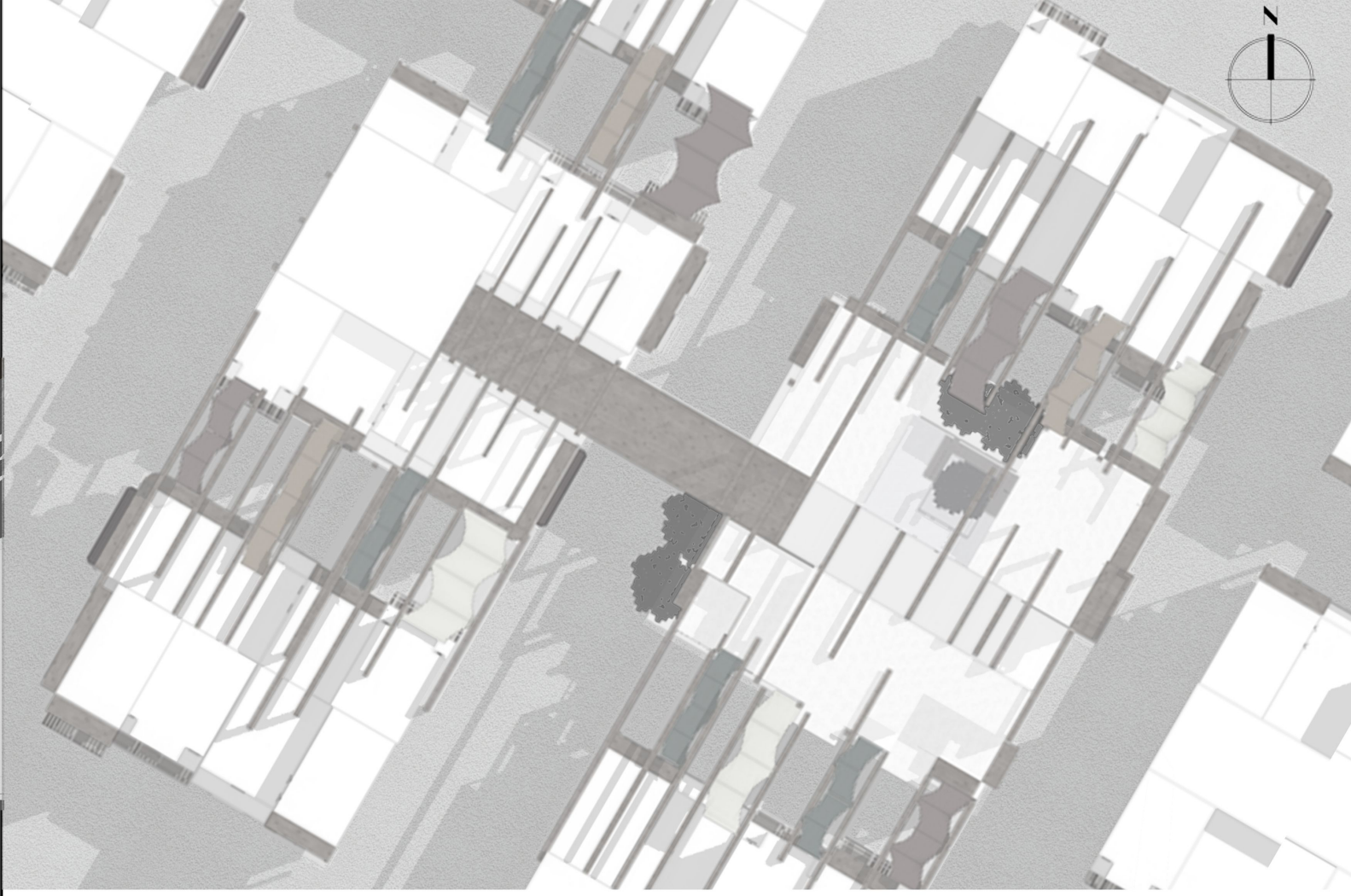
these diagrams show the architectural features found in the Arab district such as: different shading devices, addition and subtraction of blocks in the buildings, street vendors, wooden verandas and the use of Mashrabya, mesh like handrail and curtains for privacy.

INTERIOR SHOTS

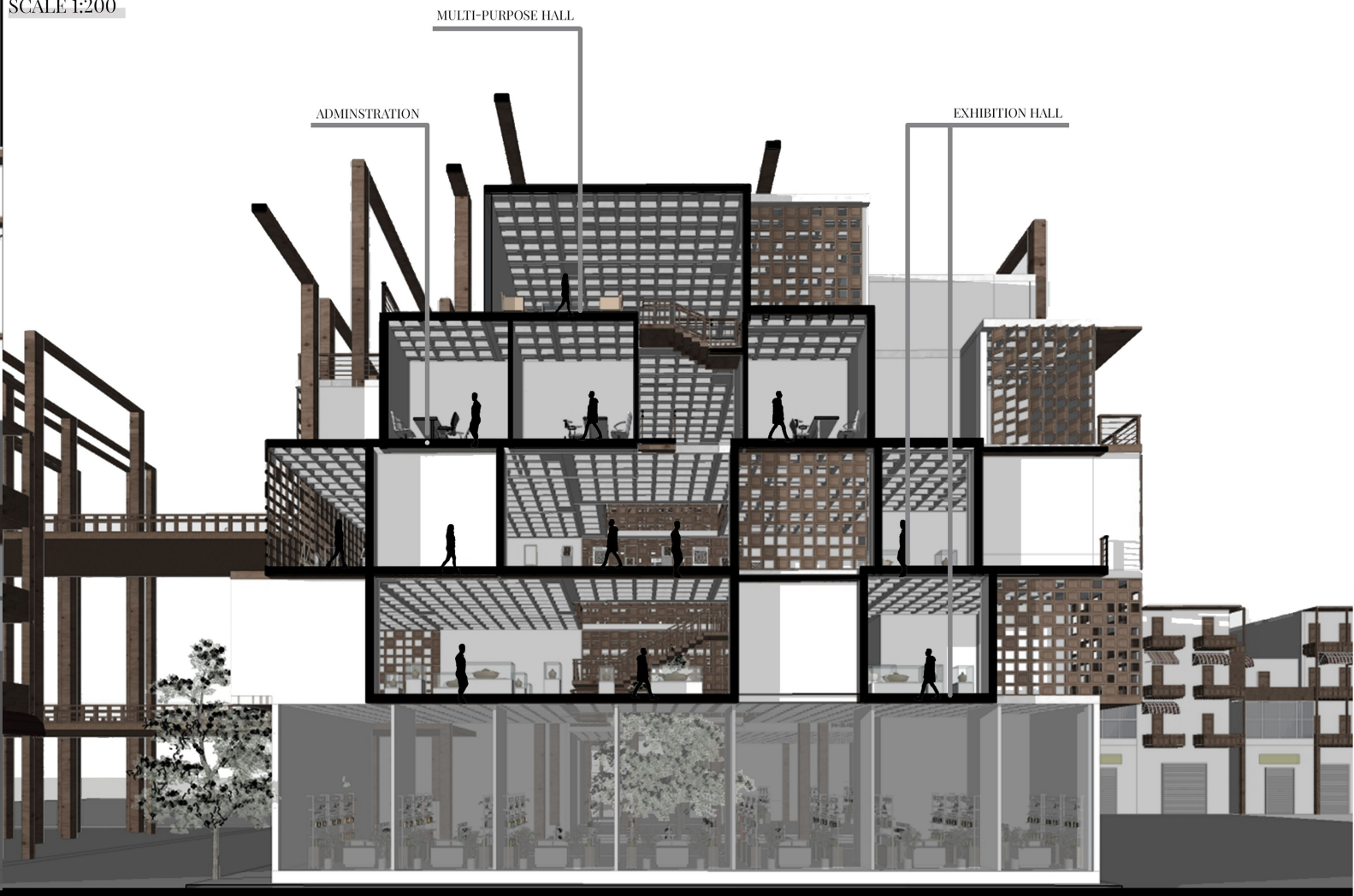
EXTERIOR SHOT



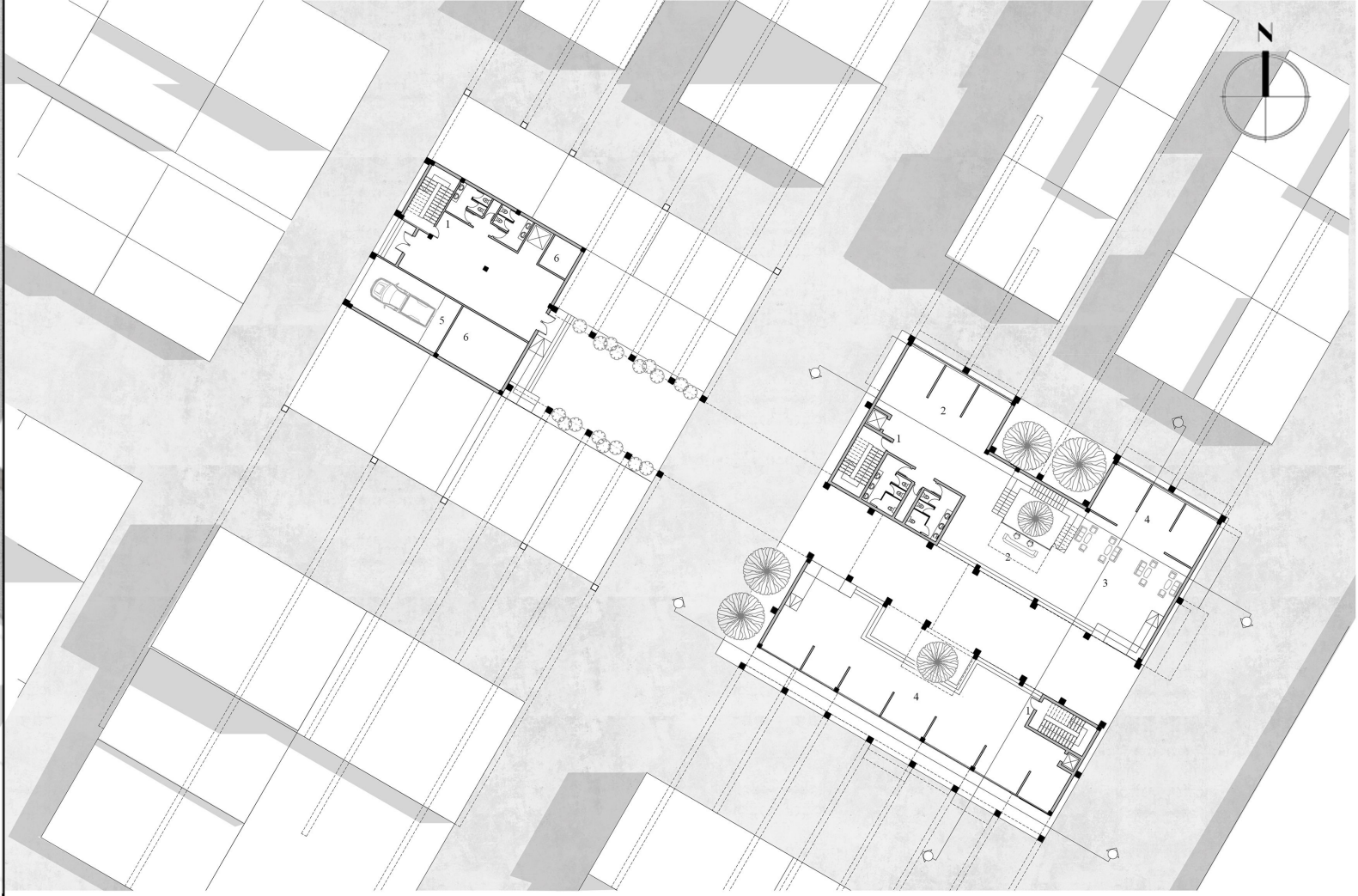
3D SECTION A-A



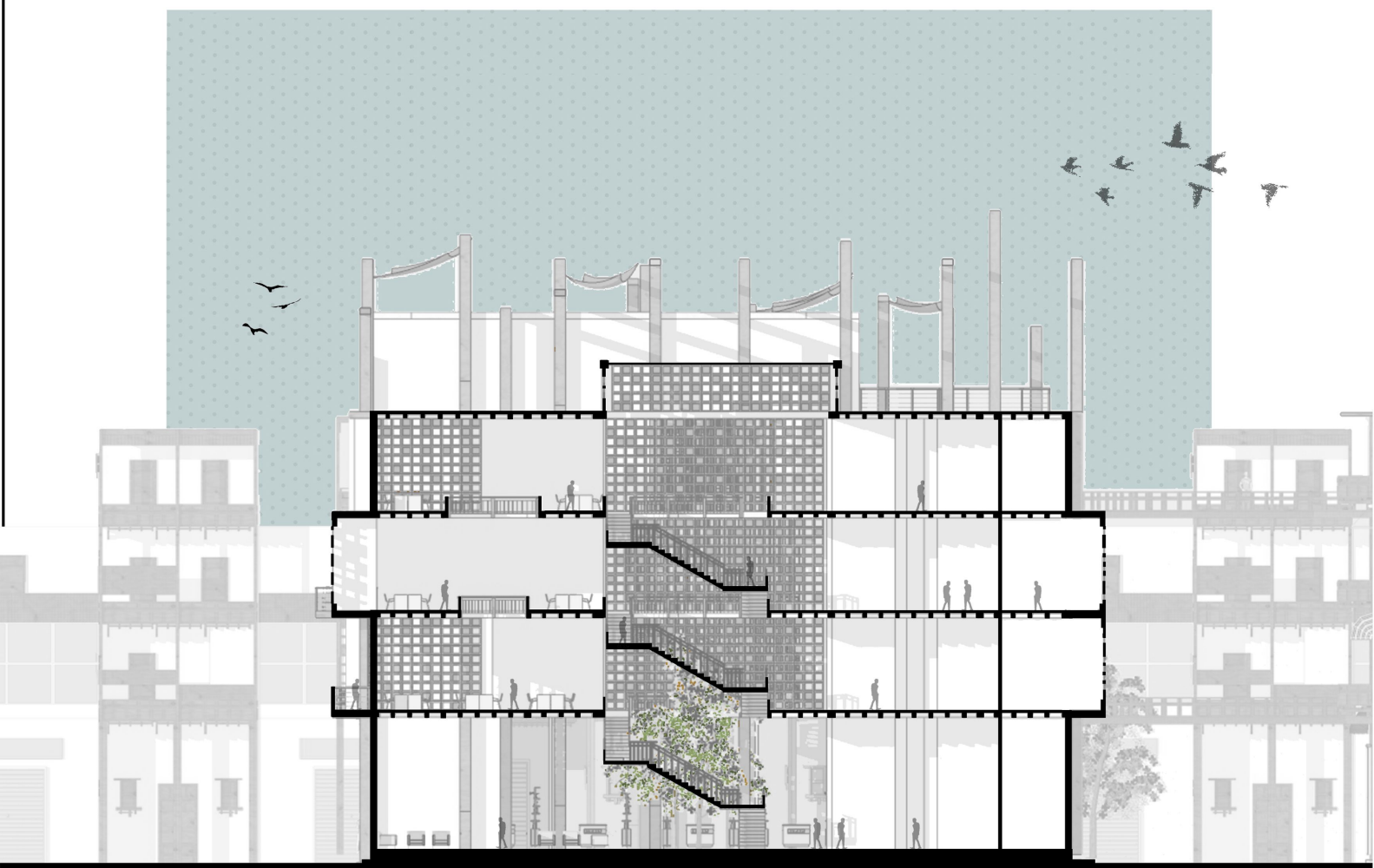
SITE LAYOUT
SCALE 1:200



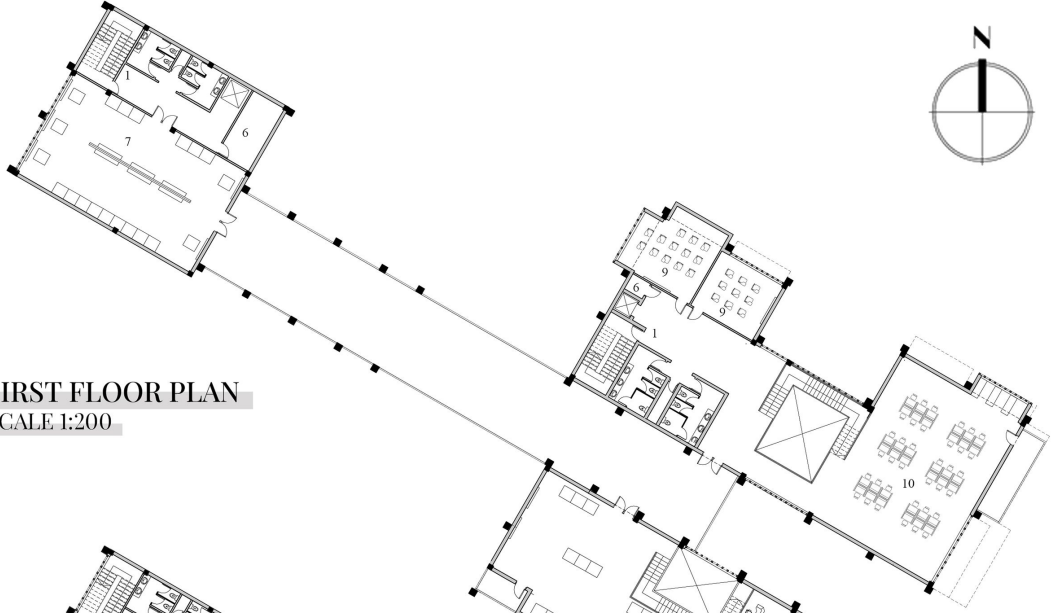
3D SECTION B-B



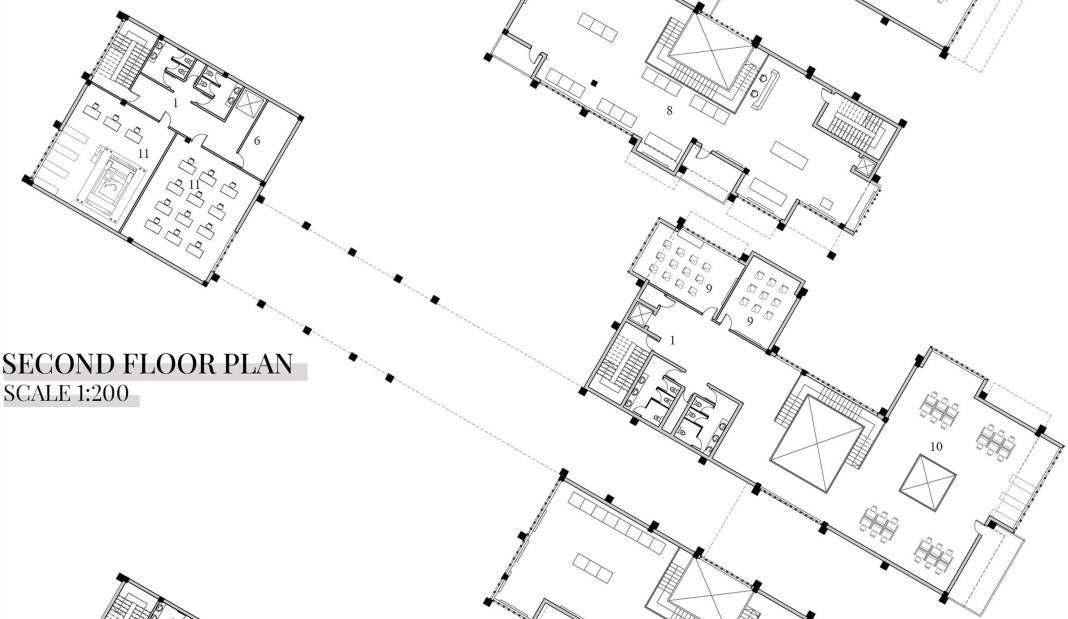
GROUND FLOOR PLAN
SCALE 1:200



2D SECTION C-C
SCALE 1:100

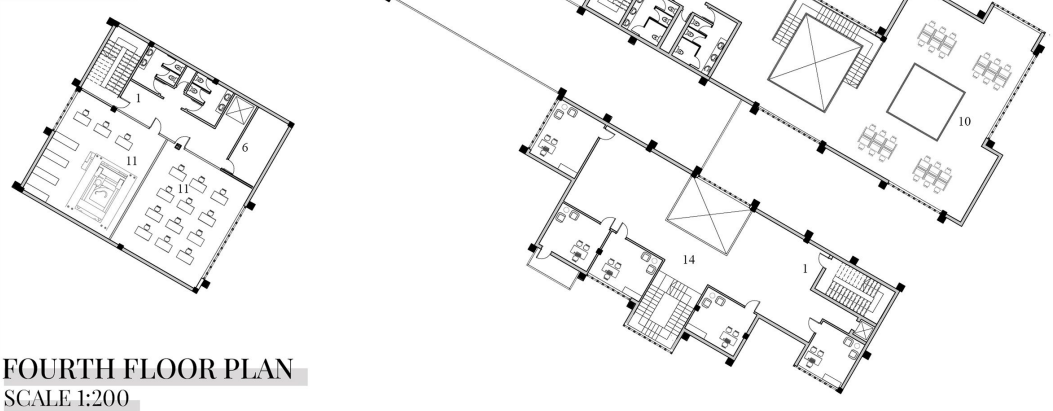


FIRST FLOOR PLAN
SCALE 1:200



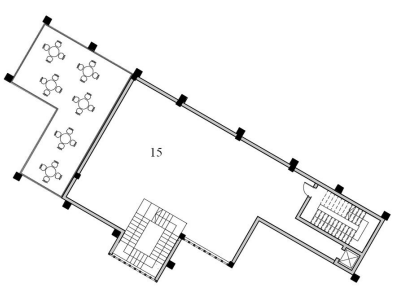
SECOND FLOOR PLAN
SCALE 1:200

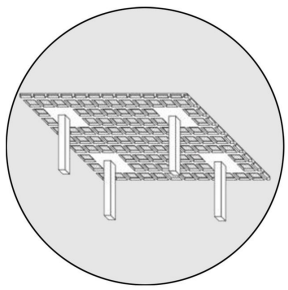
THIRD FLOOR PLAN
SCALE 1:200



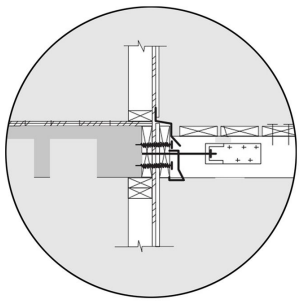
FOURTH FLOOR PLAN
SCALE 1:200

1- Main Cores
2- Information Desk
3- Lounge Area
4- Shops
5- Loading Dock
6- Storage
7- Show-room
8- Exhibition
9- Training Room
10- Design Studio
11- Workshop
12- Cafeteria
13- Kitchen
14- Adminstration
15-Multi-purpose hall

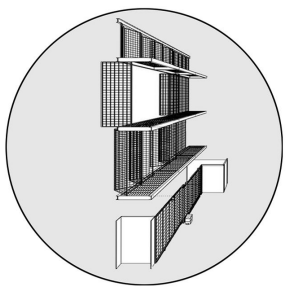




WAFFLE SLAB

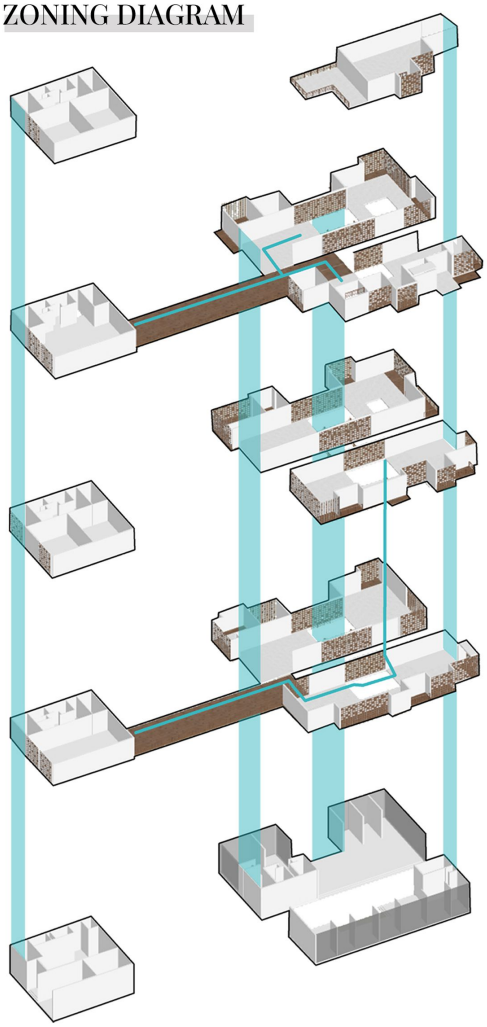


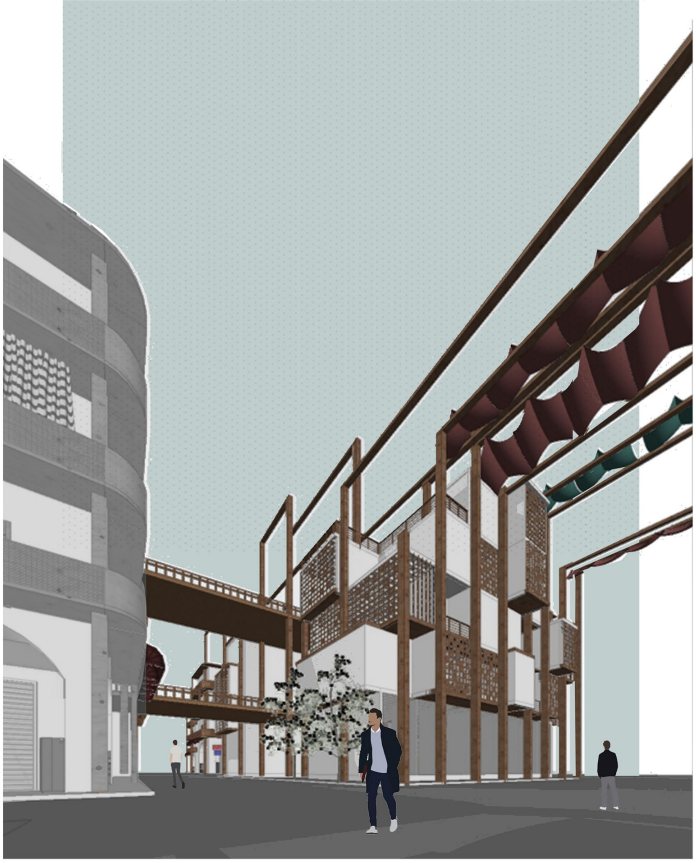
WOOD BALACONY AND SLAB
CONNECTION DETAIL



WOODEN SCREEN DETAIL

ZONING DIAGRAM





EXTERIOR SHOT

INTERIOR SHOTS

SOUTH- WEST ELEVATION
SCALE 1:400