



PORTFOLIO
SAJID I AWAL



RESUME

Sajid I Awal
Architect & Designer
Associate Member (AA-530)
Institutes of Architects Bangladesh

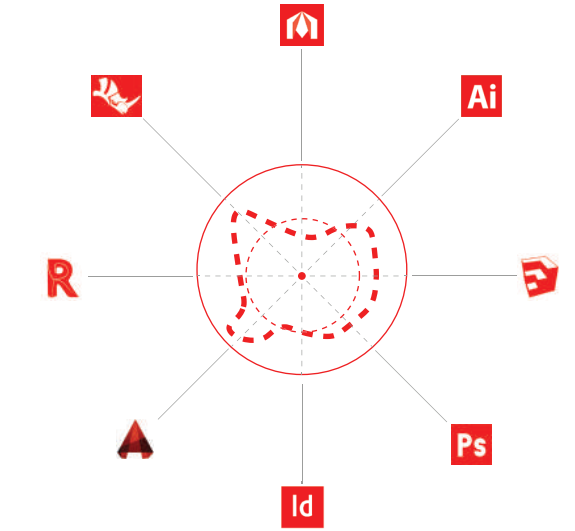
ACADEMICS

- **Master of Architecture** - (MArch - International Program)
Chulalongkorn University (Bangkok, Thailand)
August 08, 2019 - Present(Expected Graduation Ceremony - October, 2021)
- **Bachelor of Architecture** (BArch)
BRAC University (Dhaka, Bangladesh)
2011 - 2017 ; cgpa: 3.18/4.00
- Higher Secondary Certificate
Notre Dame College (Dhaka, Bangladesh)
2010 ; gpa: 4.80/5.00
- Secondary School Certificate
Military Collegiate School Khulna (Khulna, Bangladesh)
2008; gpa: 5.00/5.00

EXPERIENCES

- Staff Candidate - **2 Months**
Sou Fujimoto Architects (Tokyo, Japan)
December 03, 2018 - February 02, 2019
- Architectural Intern - **6 Months**
LineSync Architecture (Vermont, USA)
May 07, 2018 - October 31, 2018
- Architectural Assistant - **1 Year 2 Months**
Falguni Mallick Associates (Dhaka, Bangladesh)
February 01, 2017 - April 05, 2018
- Internship - **3 Months**
Marina Tabassum Architects (Dhaka, Bangladesh)
September 07, 2014 - December 15, 2014

SKILLS



LANGUAGES



CONTACTS

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- 🏠 01, Boyra Market Road, Khulna, Bangladesh 9000

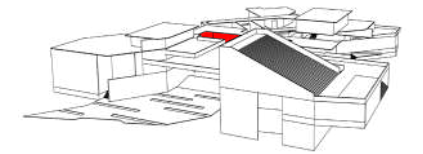
'What is Architecture?' This question is the reason that I am willing to apply for works where I will be aiming to satisfy myself by finding the answer for myself. By this time, I am already aware that there are many paths and dimensions of architecture profession. Whereas being an architectural graduate, I am still searching for the path that align with my ideology and work ethics. Thank you for your valuable time in reviewing my little attempts to know the world of architecture.

CONTENT

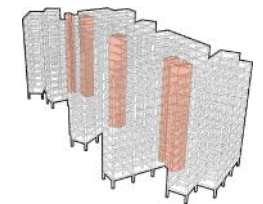
PRITILATA WADEDDAR MEMORIAL COMPLEX 4



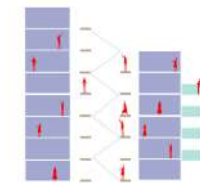
CULTURAL CENTER FOR TRADITIONAL CRAFT 6



MIDDLE INCOME GROUP HOUSING 8



PUBLIC, PRIVATE & IN-BETWEEN SPACES IN STUDENT HOUSING 11





PRITILATA WADEDDAR MEMORIAL COMPLEX

Third Year Project

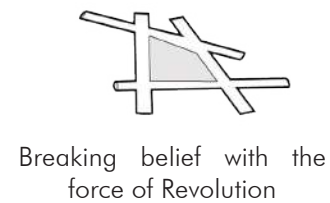
Duration: 6 Weeks

Pritilata Wadeddar was an revolutionary historical figure, who was the disciple of Masterda Surya Sen during the british colonial period in the indian sub-continent. The project was about designing a memorial complex on an imaginary site. The Concept was derived from a famous song of the famous poet who wrote the national song of Bangladesh, which can be translated as 'I will overcome the storm and won't fear it'. These concept is translated into design as overpowering ocean wave with overhead cantilever to show the mightiness and give the essence of revolution.

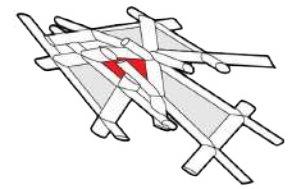


“ঝড় কে আমি করব মিতে, ড়ব না তার ঞকুটিতে।”
তোমার খোলা হাওয়া

Ocean wave as Revolution



Breaking belief with the force of Revolution



Void inside pattern symbolizing **FREEDOM**

1911
Disciples of Surya Sen
Social Activist
Freedom
Sacrifice
1932
Pabartali European Club Armed Attack

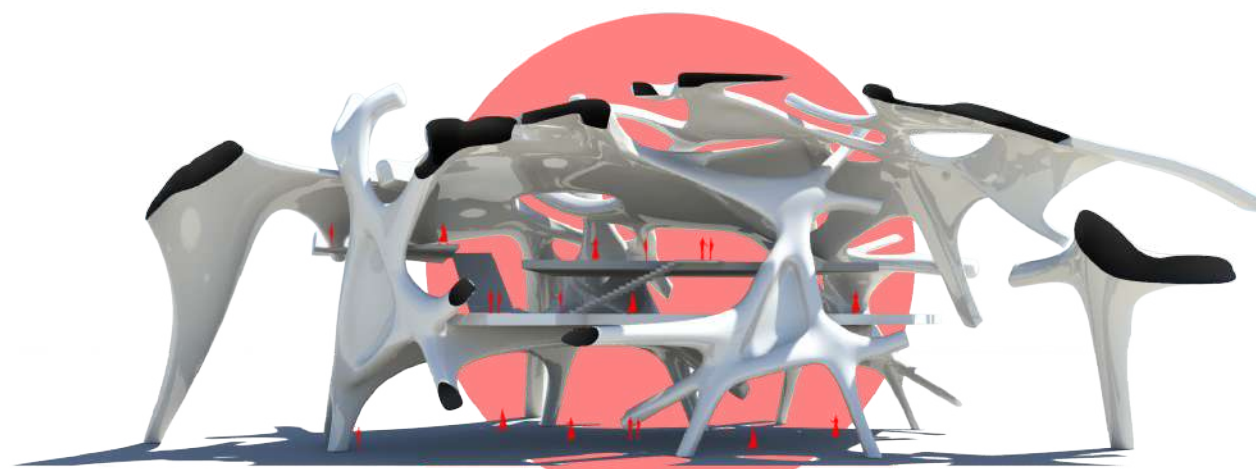
Pyramid, most stable form symbolizing belief

“Slugs & indians are not allowed”

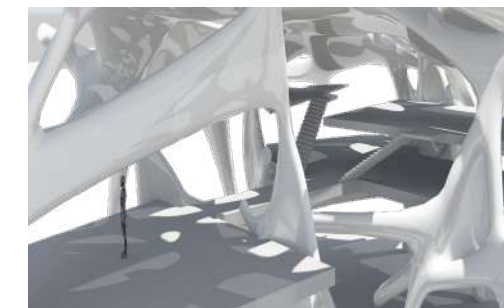
Pattern Formation



Plan at 15'



Sectional Perspective



The material suggested for this project would be the Chitosin, which is a biodegradable materials that can be molded from animal bones to form any shape.



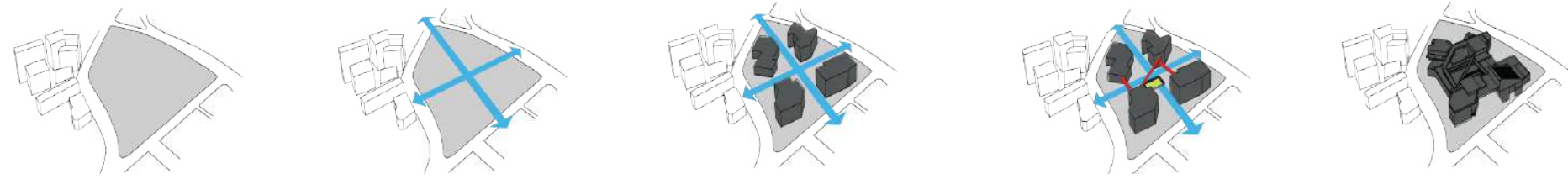
Cultural Centre For Traditional Craft

Fifth Year Project

Pre-Thesis

Duration: 12 Weeks

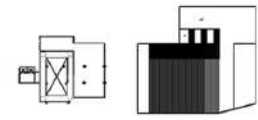
The project was about designing a cultural centre on the existing site of Aarong near Hatirjheel, Dhaka, Bangladesh. The main concept of the project was such that, the individual story of the craftsmen behind each crafts are represented as the void at the centre, where other patterns of the crafts representing by different program are weaved surrounding the void. The central void is also the traditional court considering the axial plaza on four sides maintaining the vista towards Hatirjheel lake on all the four sides of the project. The whole complex is designed with concrete shear walls and waffle slab structures and the plaza were designed with brick to maintain the contrast.



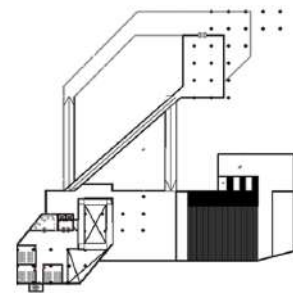
Massing Development



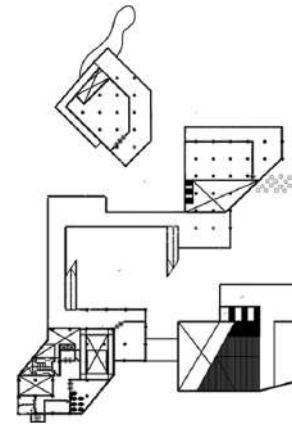
Level 1 Plan



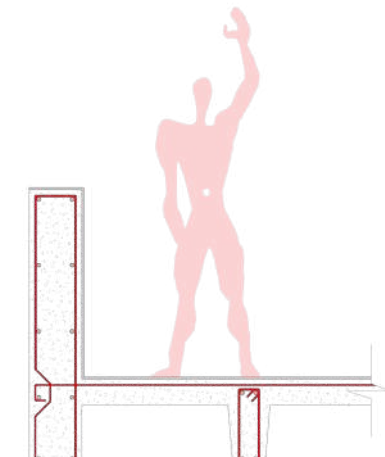
Level 4 Plan



Level 3 Plan

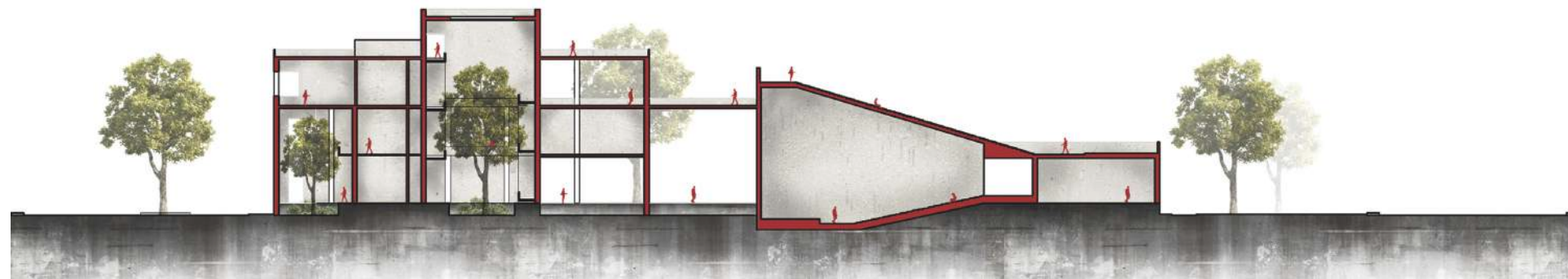


Level 2 Plan

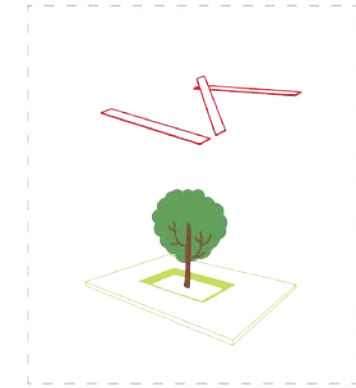


Detail - Floating Ramp as Waffle Slab

Vertical Wall reinforcement - 10mm bars;
 Transverse reinforcement - 8mm bars; Slab reinforcement mesh - 8mm dia; Plaster 10mm

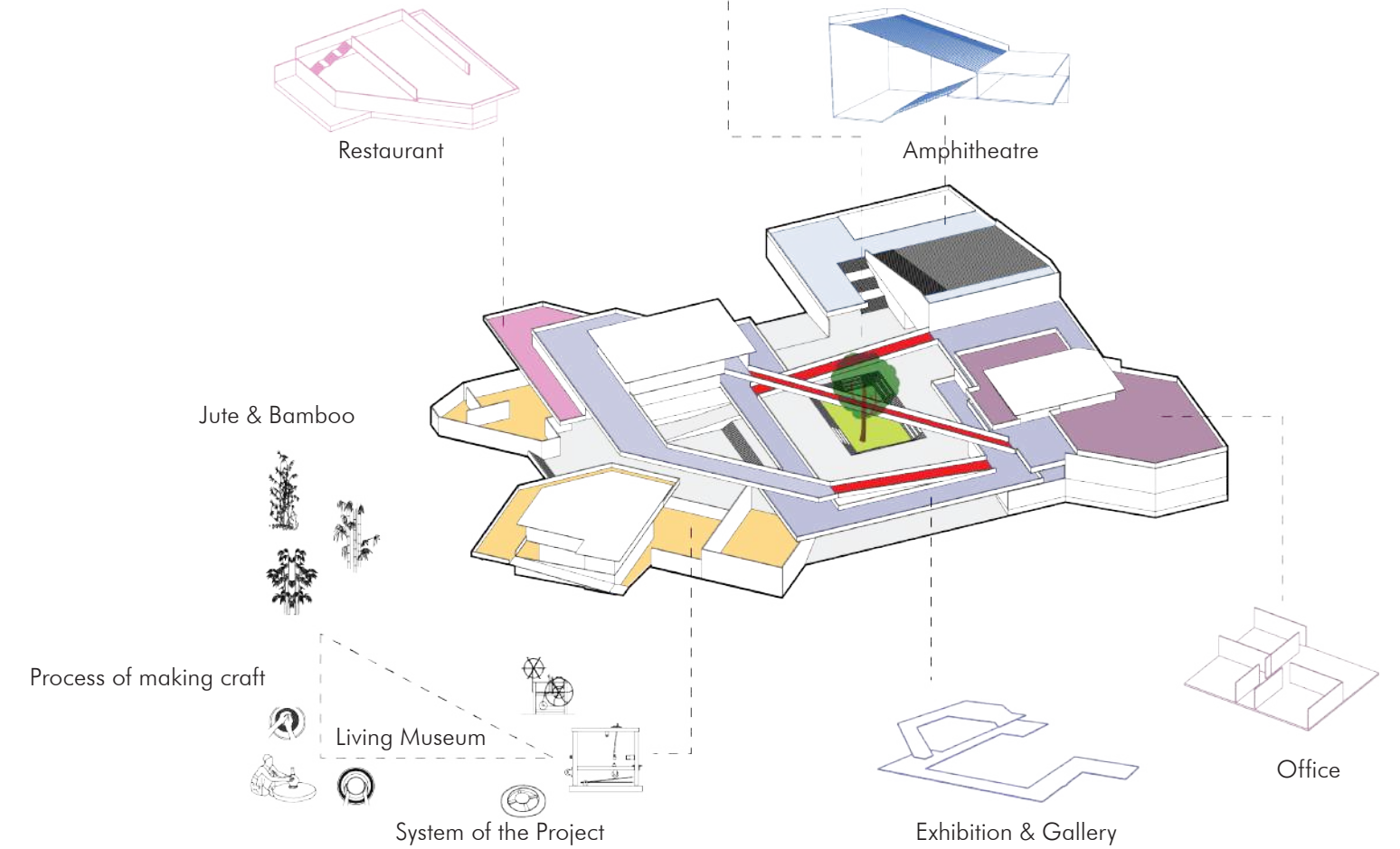


Section



Circulation represents weaving

Void represents sotries behind Craft





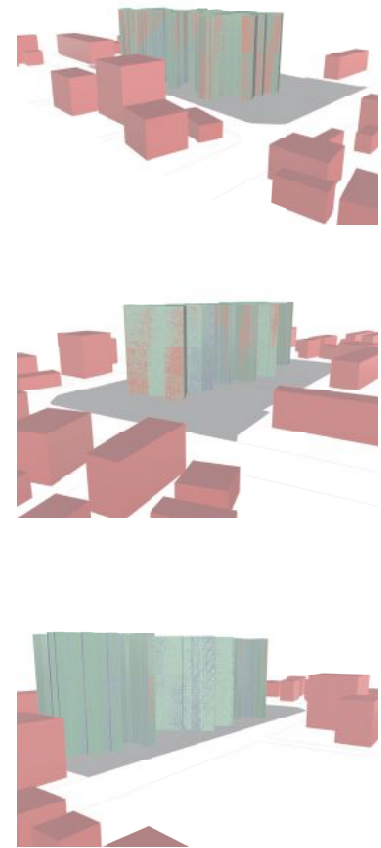
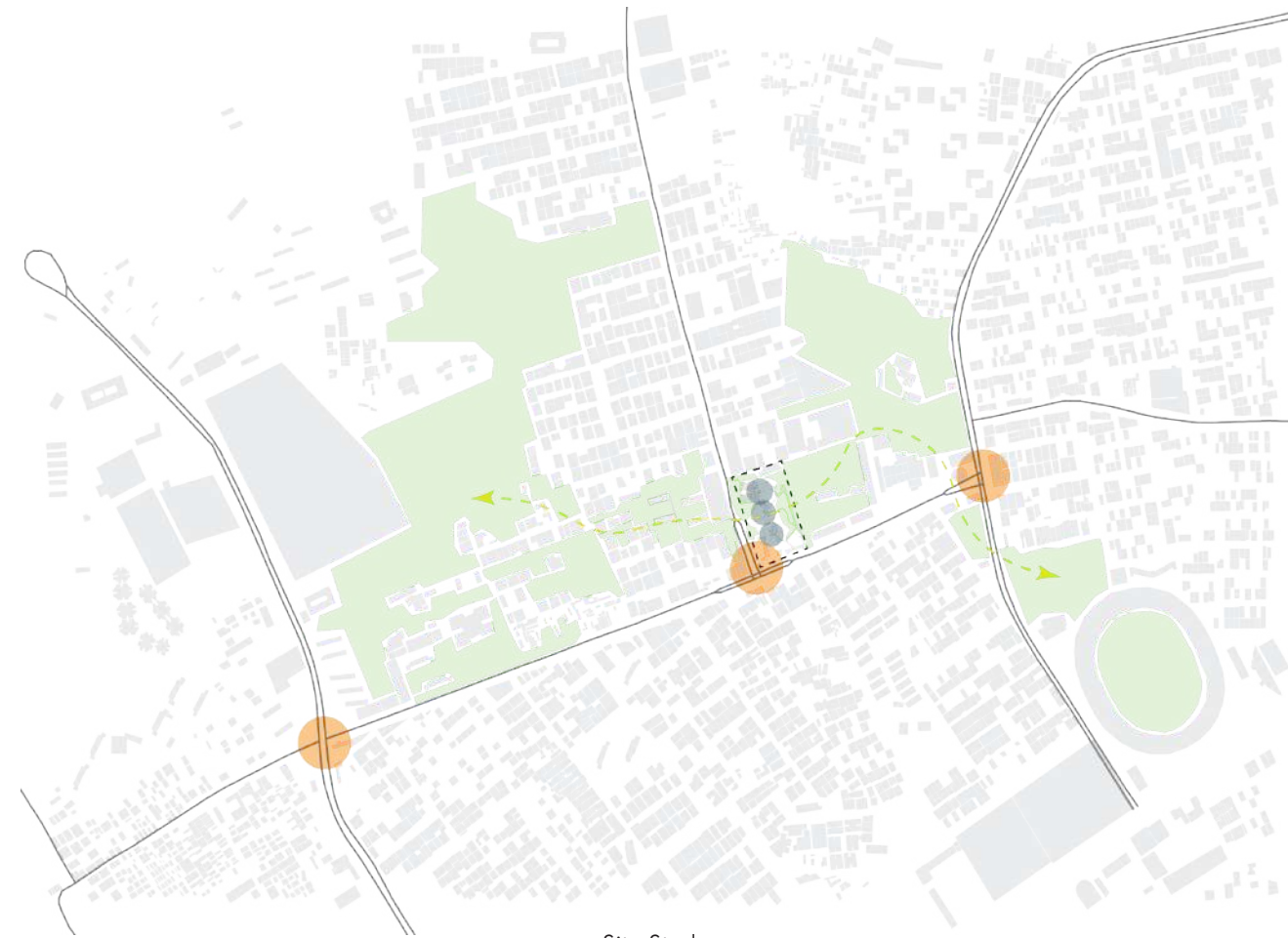
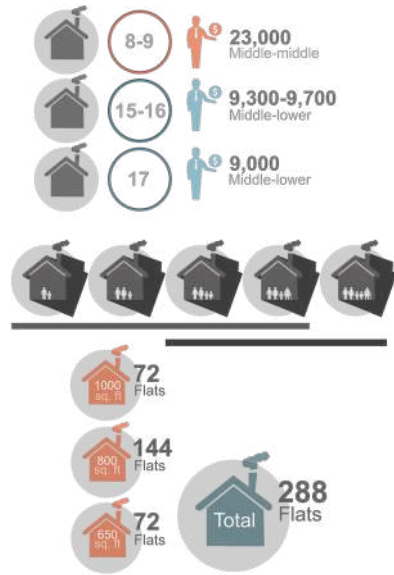
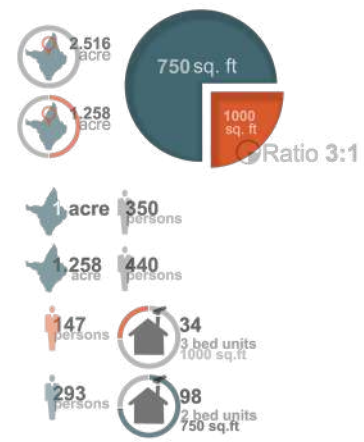
Middle Income Group Housing

BARCH Thesis Project

5th Year

Duration: 16 Weeks

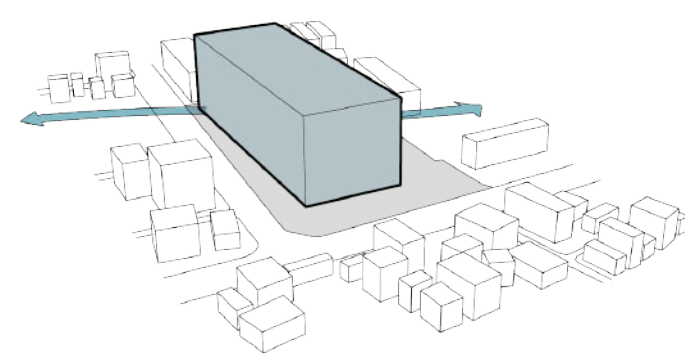
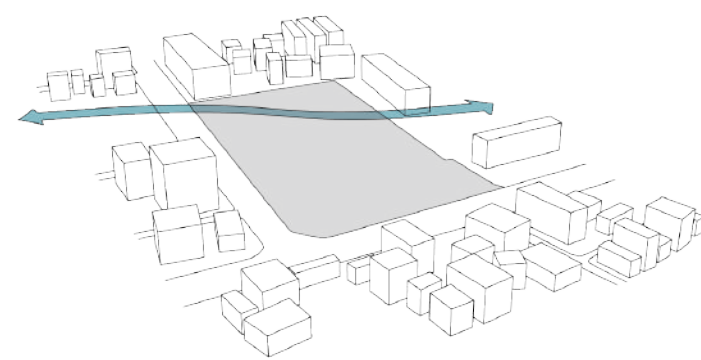
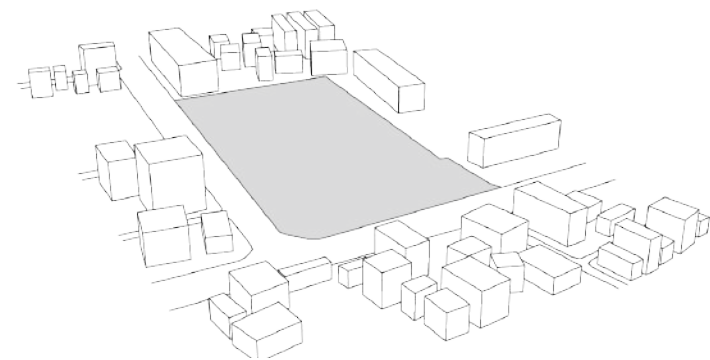
The Project was about housing the middle income group Government employee on a site near Shialbari, Mirpur, Dhaka, Bangladesh. With undulating surface on the existing site, the design was made with an intention to create homes rather than just housing people. Community spaces were given both inside and outside the building distinguishing the private and public spaces. The ground was tried to keep open for the un-interrupted vista towards the existing green on the east of the site. The given proposal is questioned and a revision of the programmes were done considering the density standard.



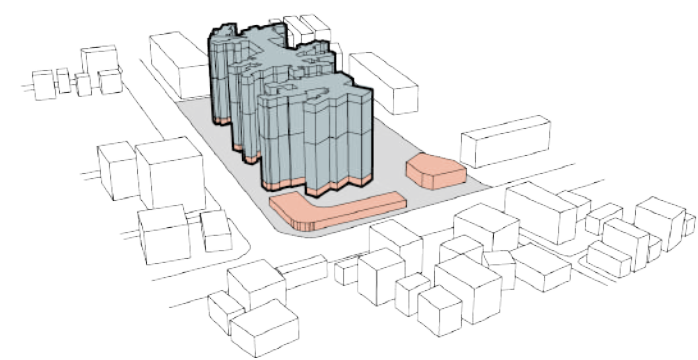
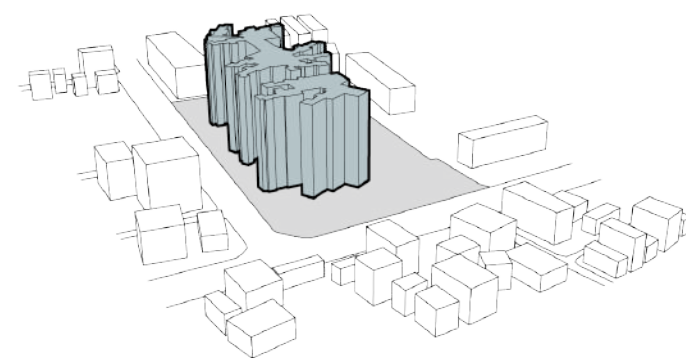
Program Development

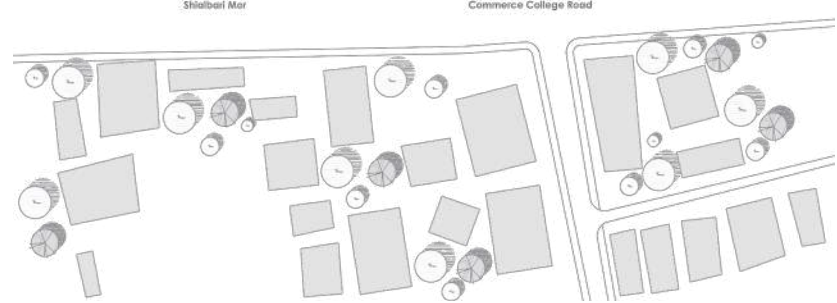
Site Study

Daylight Analysis of Massing with Ladybug



Massing Development

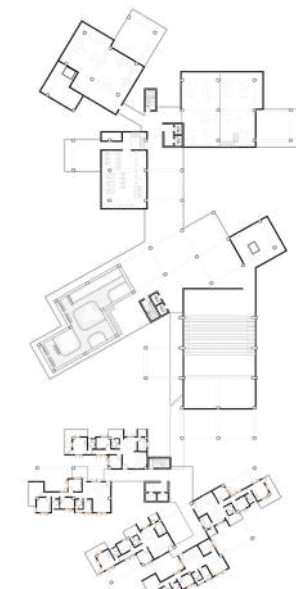




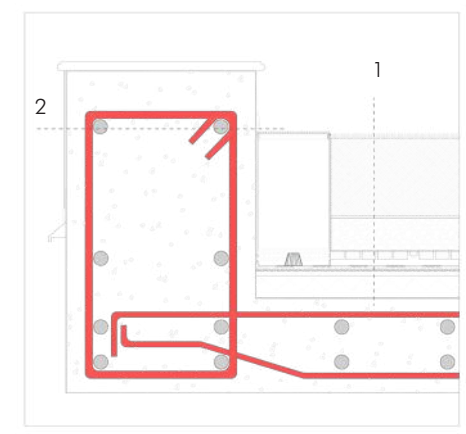
Level 1 Plan



Level 3 Plan



Level 6 Plan



1 (Top-Bottom)
 Left - Galvanized steel for water drainage; Right - Herbaceous perennial ground cover, Soil with high water retention capacity - 150mm; Cloth of nonwoven polystyrene panel - 2mm; Gravel; Cloth of nonwoven polystyrene panel - 2mm; Expanded polystyrene panel - 8mm; Dual shell breathable high polystyrene beads with mesh, screed - 50mm; Panels of extruded polystyrene foam, insulation and acoustic - 70mm; Multilayer film with aluminium vapor barrier - 3mm

2 (Left-Right)
 Inverted Beam reinforcement - 10mm bars; Transverse reinforcement - 8mm bars; Slab reinforcement mesh - 8mm dia; Plaster 10mm

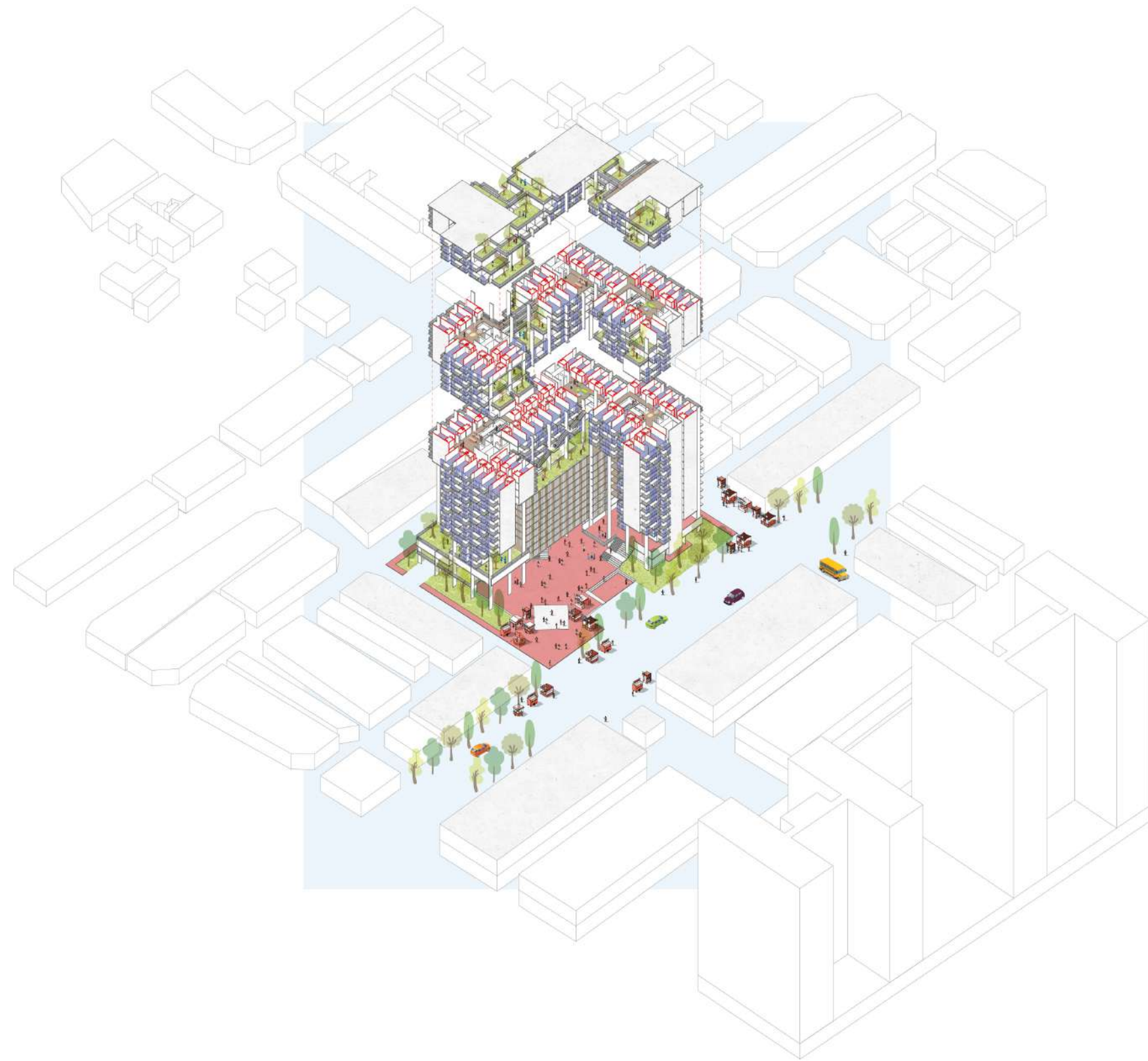
Inverted Beam with Planter Box Detail



Section



Isometric View

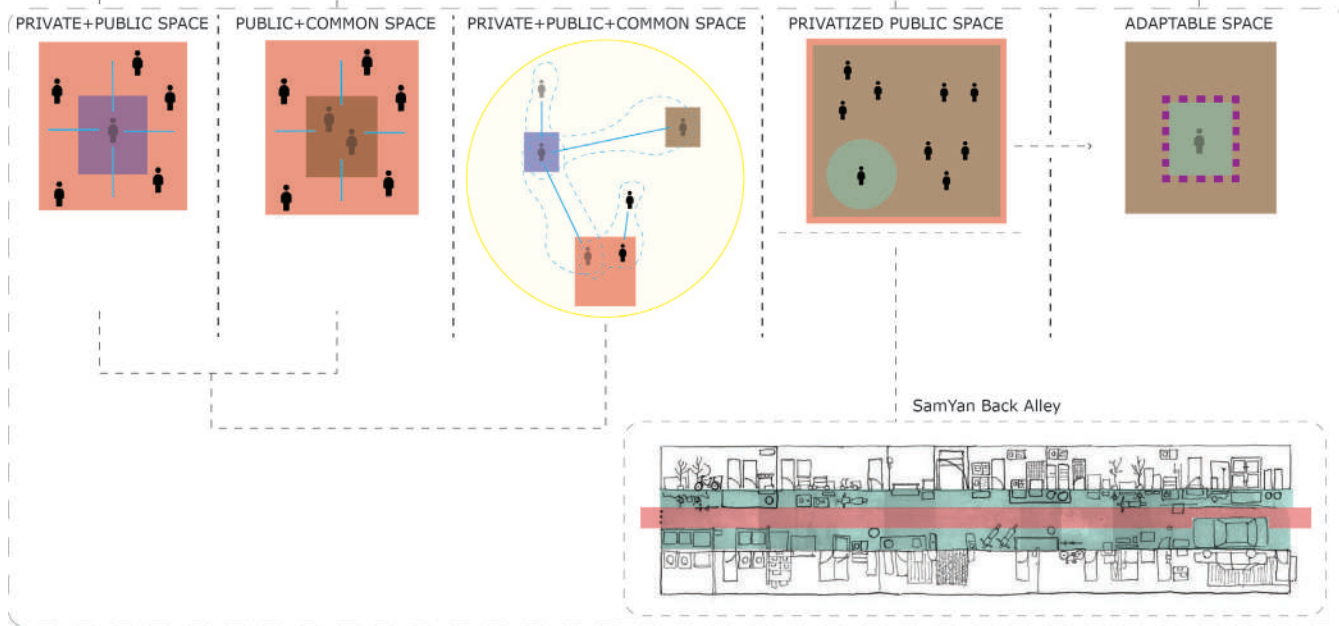
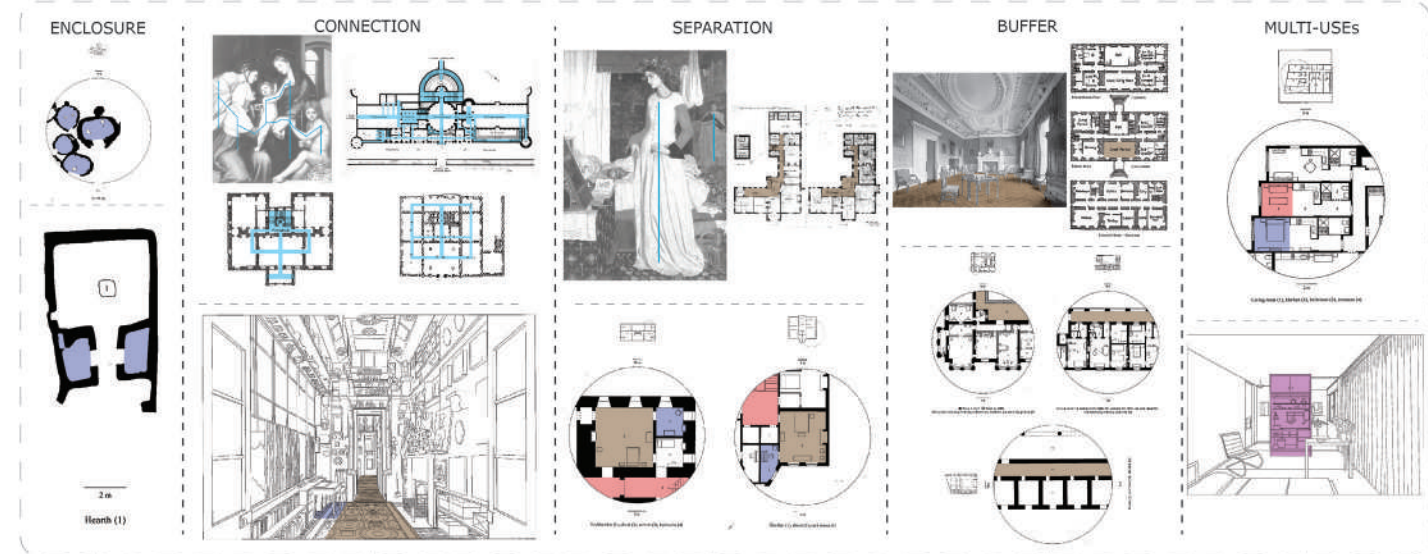


Public, Private & In-between Spaces in Student Housing

MARCH Thesis Project
Duration: 1 Year

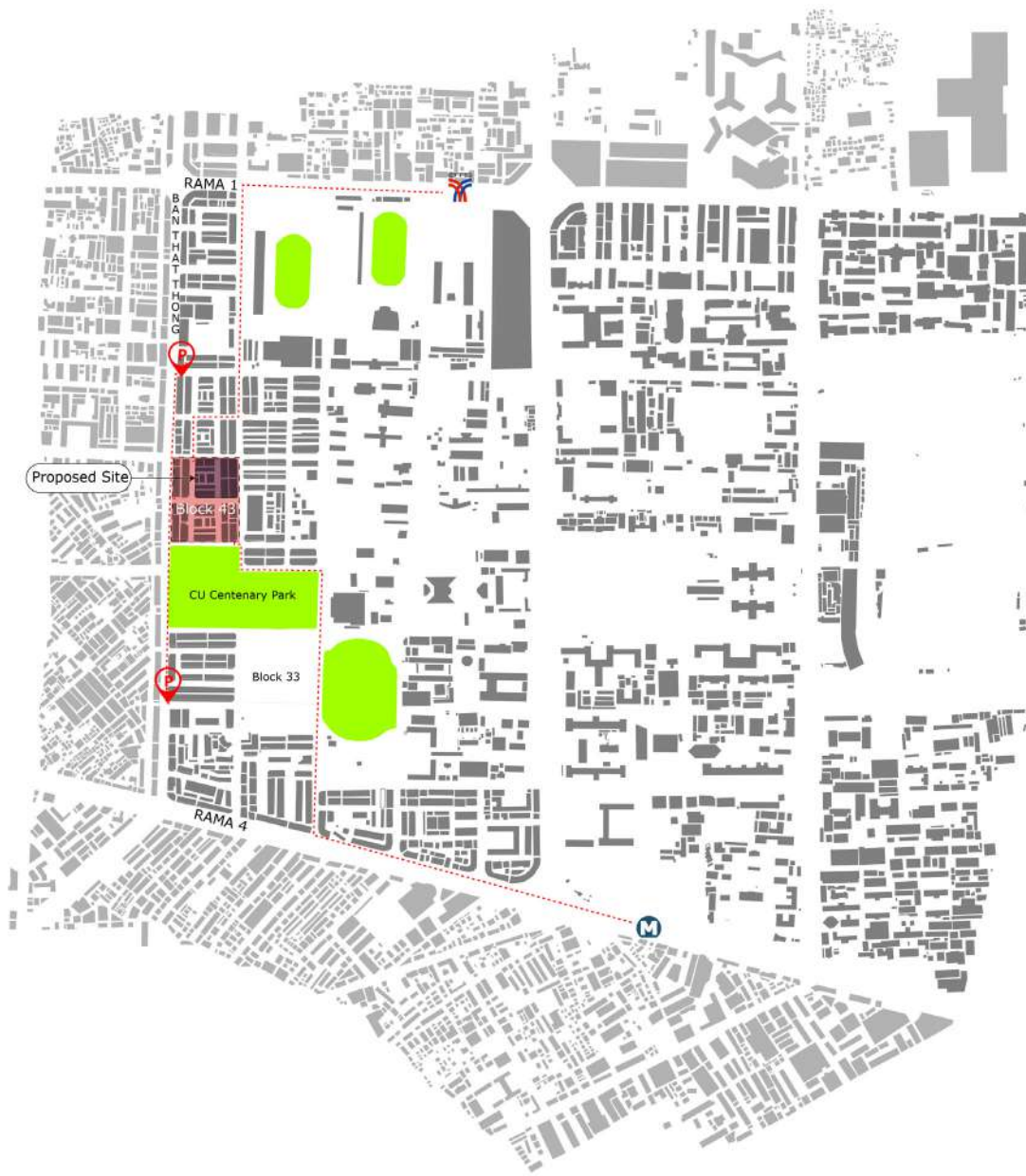
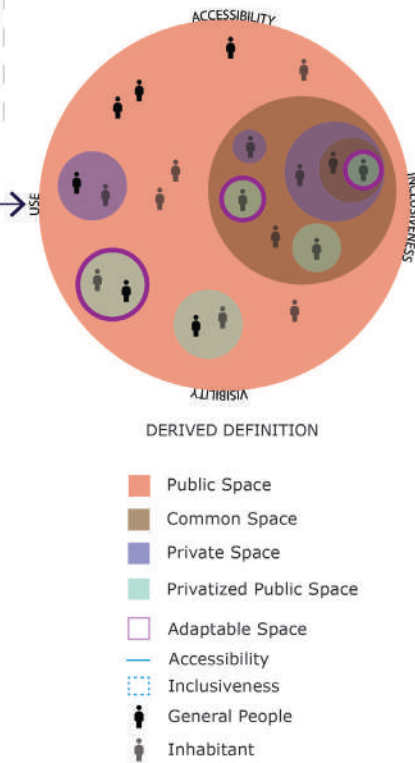
The right balance between public and private spaces is one of the most difficult issues in any housing design. Scholars argue that in student housing public and private spaces are equally important for promoting interaction as well as ensuring opportunities for self-development among the students. This research aims to establish definitions for public, private, and in-between spaces along with their relationships to achieve the right balance in the design of it which would eventually contribute not only to the students, but also the university and surrounding areas. Both qualitative and quantitative methods are used for this research and then the student housing is designed following the findings. This research reveals that public and private spaces coincide together in student housing. Whether a space is public or private can be identified based on four factors, which are accessibility, inclusiveness, visibility, and use of the space. Several in-between spaces like common, privatized public and adaptable spaces are also found following these derived factors which create the balance between publicness and privacy in space at certain periods of time. Accordingly, no such space can be termed as entirely private or public space and thus the balance cannot be determined in a quantitative way. Furthermore, the scale of the space or the way space is studied is also crucial in identifying the publicness or privacy of that space.

Public & Private Space in Domestic Spaces from Socio-Cultural Perspective



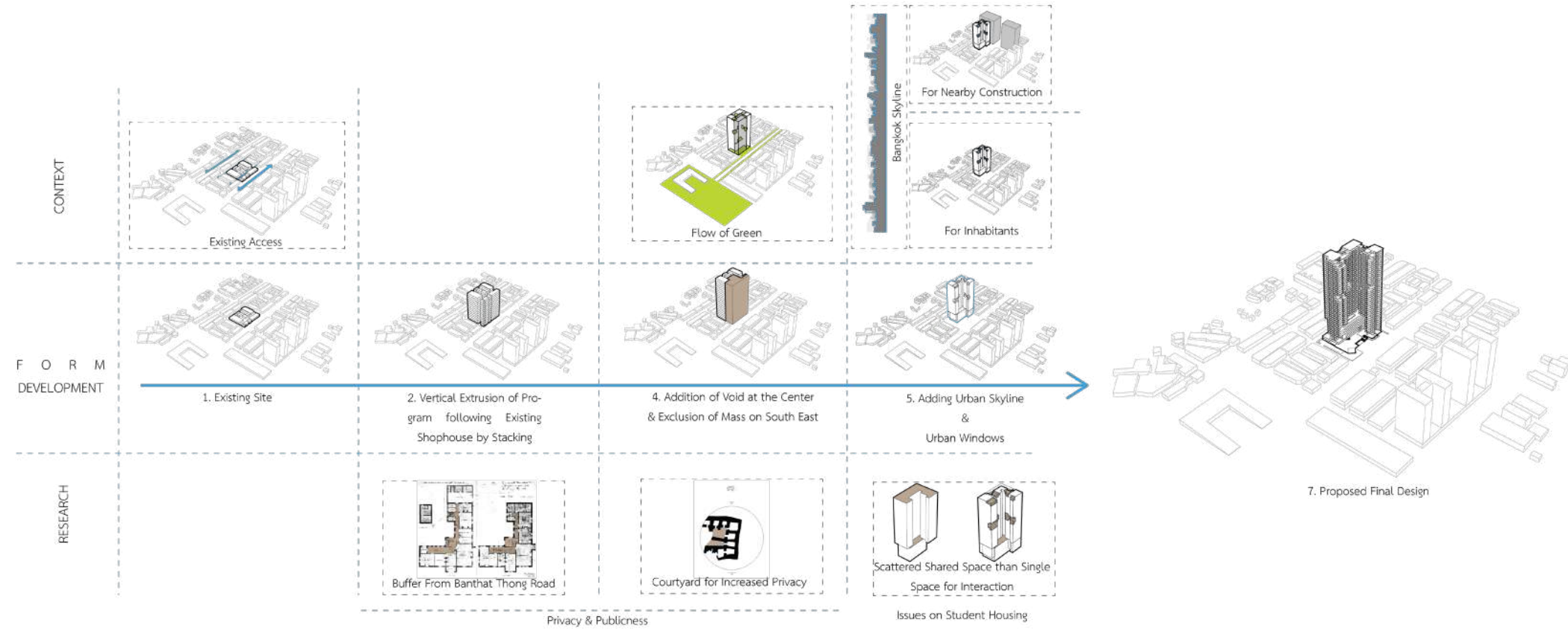
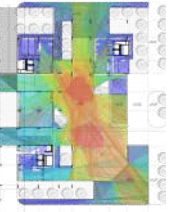
Definition of Public & Private Space from Urban Perspective

Derivation of Definition of Public, Private & In-between Spaces

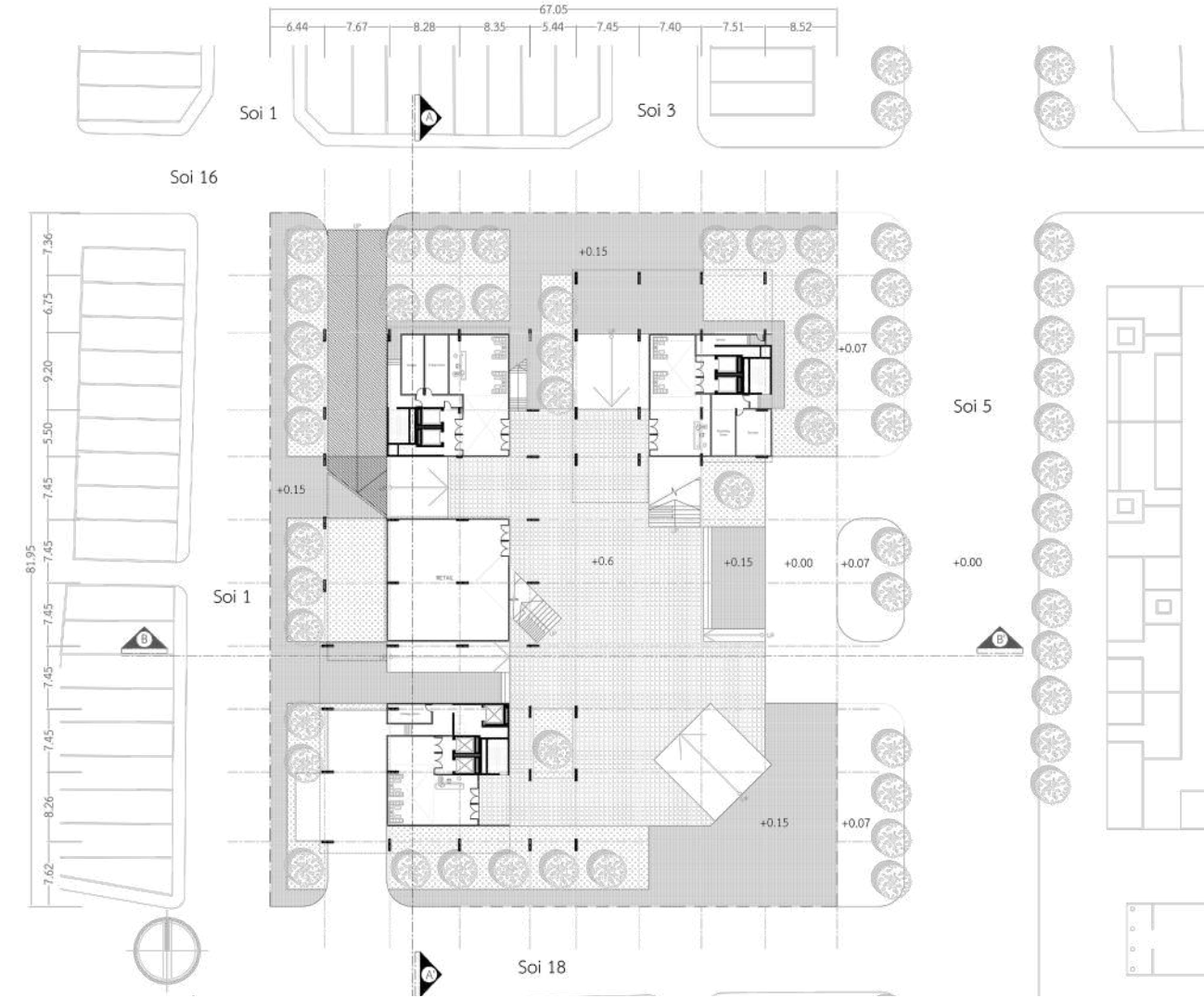


Site Study

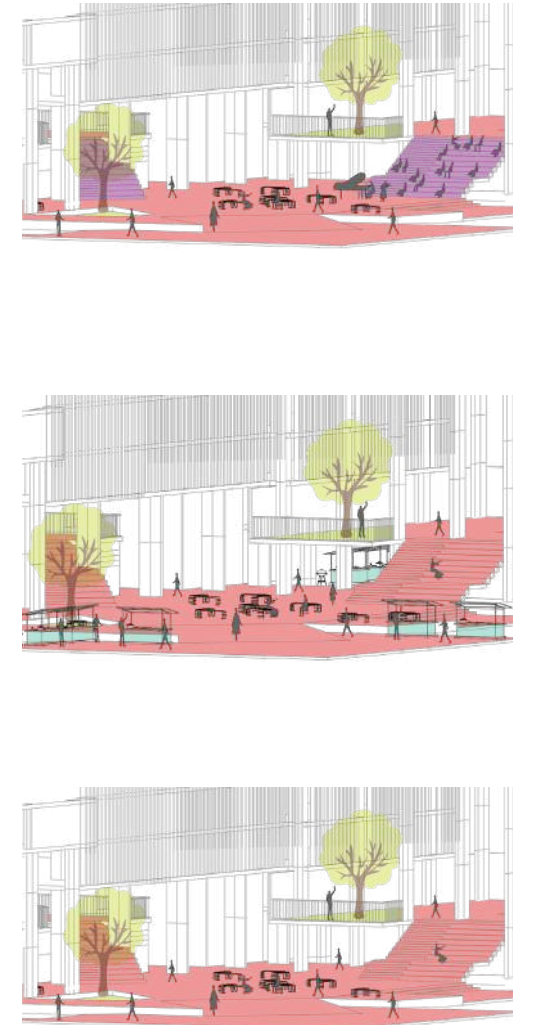


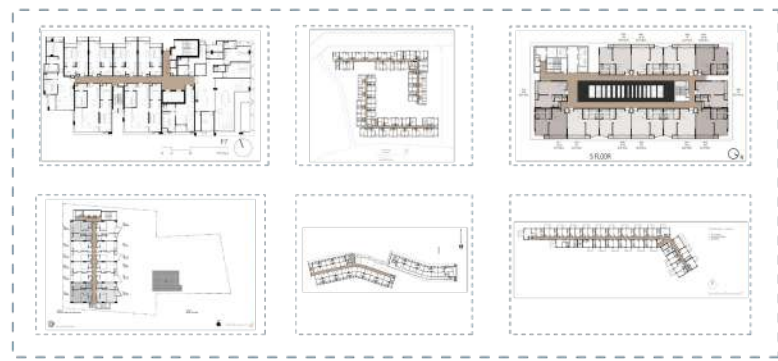


Form Development

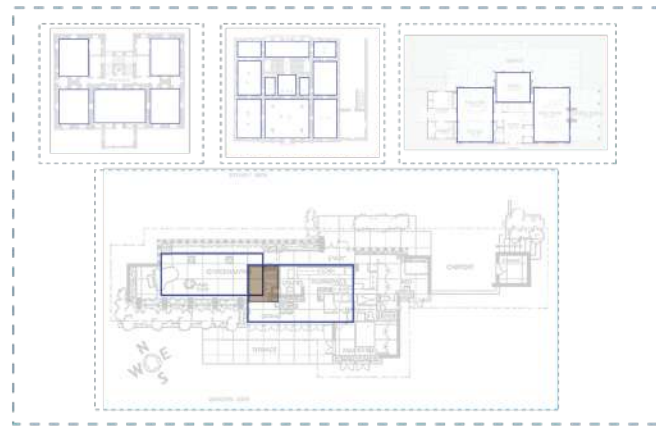


Level 1 Plans & Analysis





Double loaded corridor in Bangkok housing for maximizing units

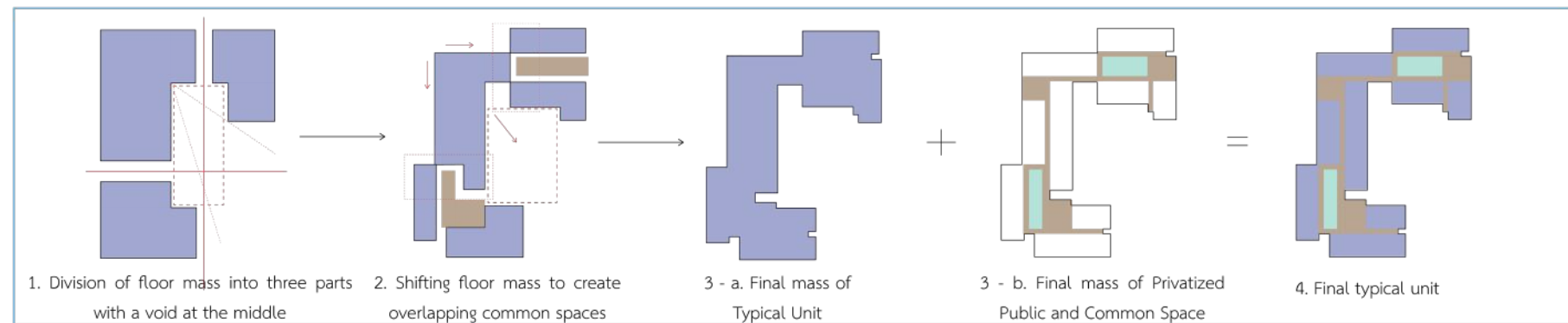


Overlapping private spaces with common spaces to ensure flow of space

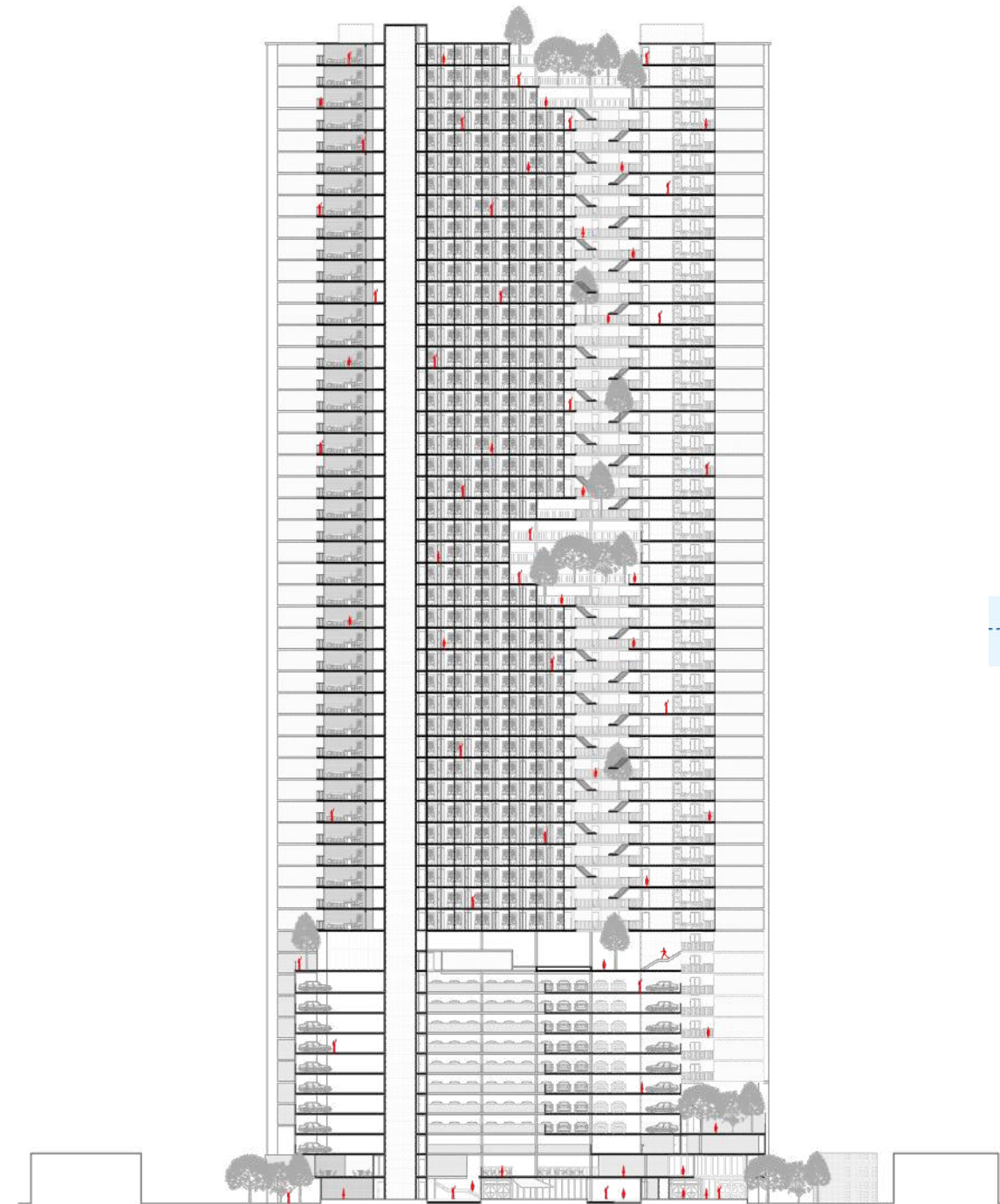


Courtyard with buffer to create privacy for the rooms

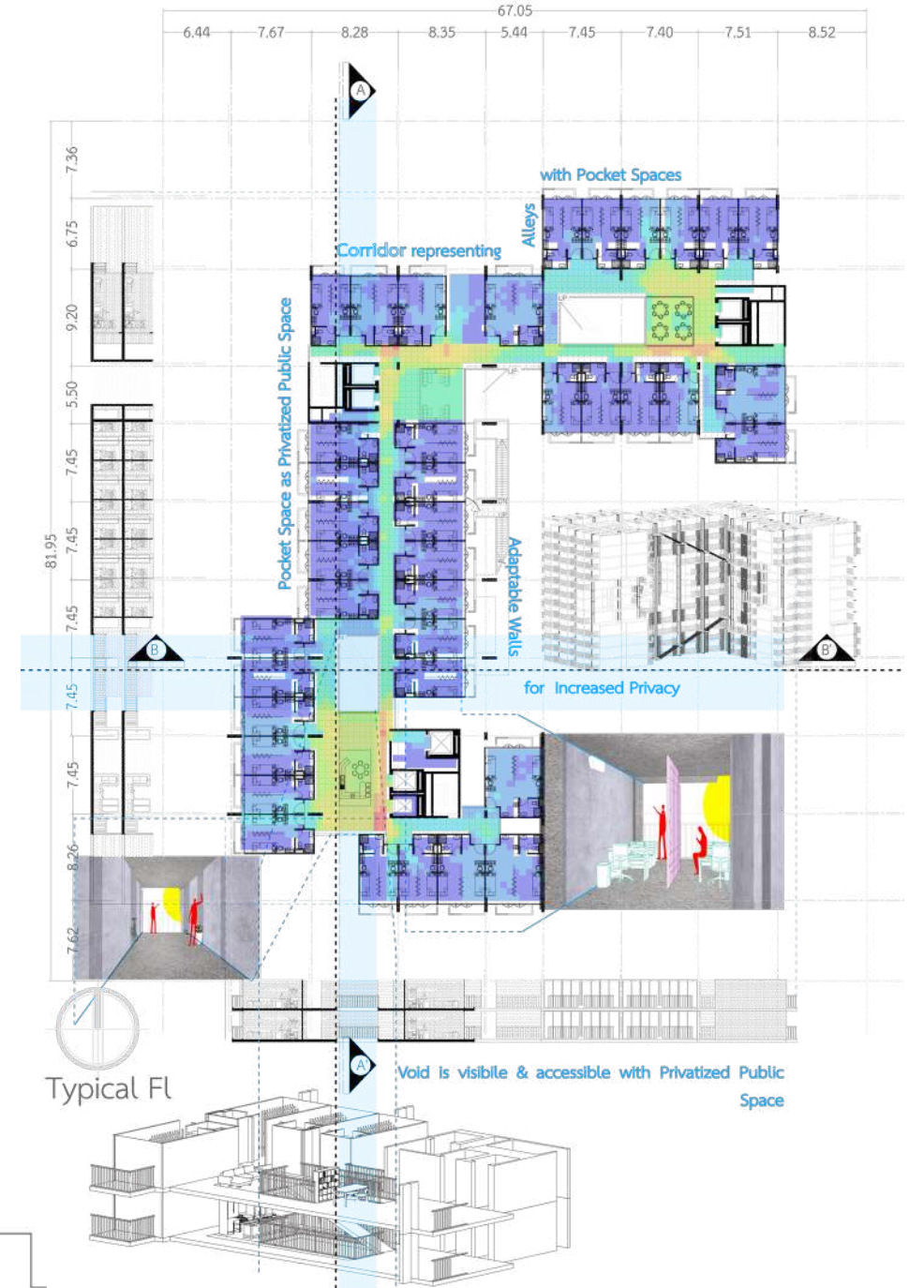
Corridor to ensure privacy for each room & to connect them



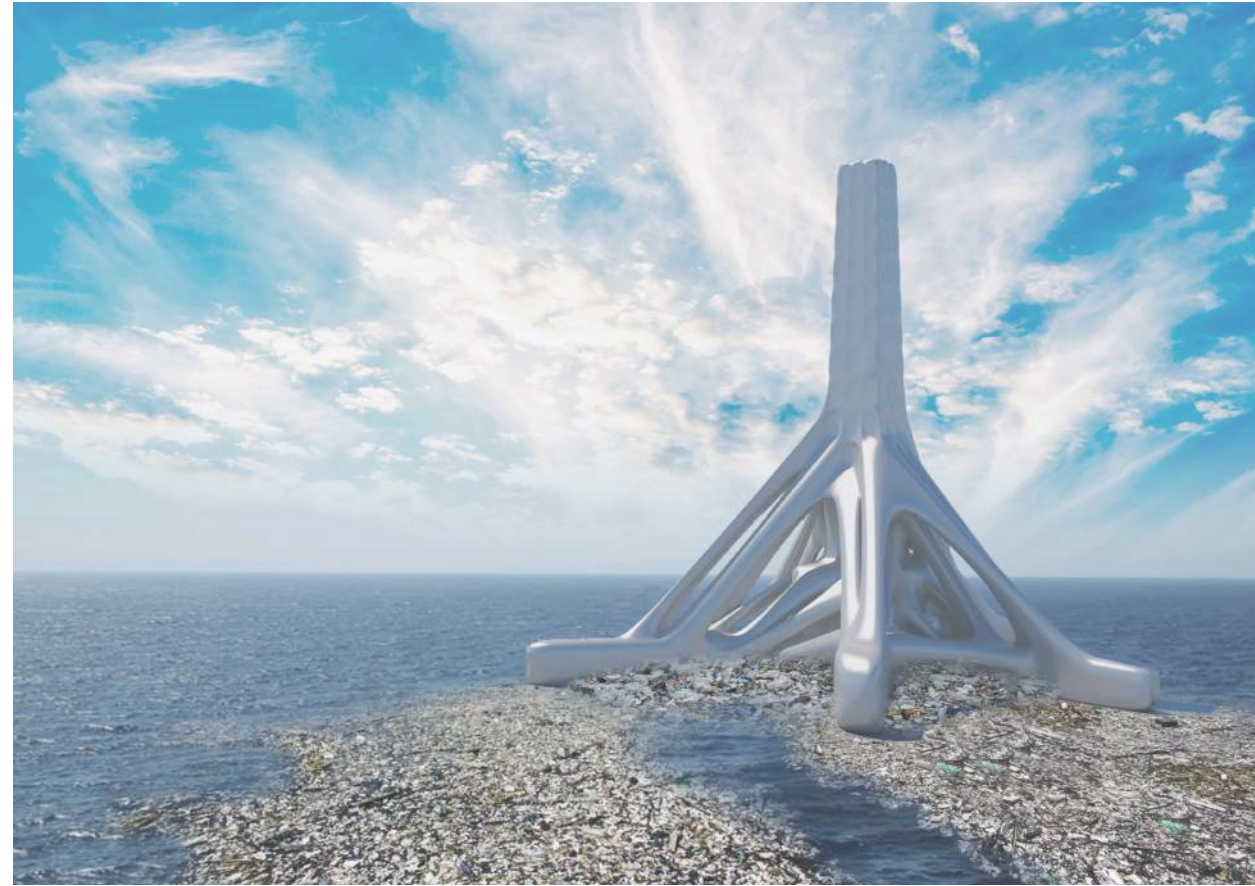
Derivation of Typical Floor



Section AA'



Typical Floor Analysis



Thank You!