

BTAR2026 DESIGN STUDIO IV
CHUNG JUN KIT
22WVR05810

PORT FOLIO

ARCHITECTURE



CHUNG JUN KIT



BACHELOR OF SCIENCE IN ARCHITECTURE (HONOURS)

Tunku Abdul Rahman University Of Management And Technology (TARUMT)

- Current CGPA: 3.95
- Expected Graduation Date: December 2022
- Diploma In Architecture I 2019-2021
- CGPA: 3.71

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- Sandakan, Sabah
- TARUMT , Setapak, Selangor



WORKING EXPERIENCE

- NOV 2022 - PRESENT WY ONG ARCHITECT
Internship + Freelance
- FEB 2022 - PRESENT CREATO DESIGN STUDIO
Internship
Entrepreneur
Designer
- OCT 2021 - FEB 2022 WK ARCHITECT
Internship



OTHER AWARDS & ACHIEVEMENTS

2016

- Boys' Brigade (President Award) 2nd Highest Award holder in 2016.
- Latin dance competition (6 Gold ,2 Silver ,1 bronze)

2017

- Rakan Muda (Bronze Award)
- KPTNS 2017 Peringkat Bahagian

2018

- Pallas shoes Drawing Contest (Sayangi Malaysiaku)- TOP 10
- Boys' Brigade Staff sergeant (Highest ranking in BB)
- Head Prefect of SM Sung Siew Sandakan
- Sandakan Got Talent (1st Runner Up)

2019

- TALENTIME NIGHT 2019 (Champion of dancing category and overall champion of the event) in TARUMT
- Cocu best make dancer

2022

- PAMNC-Steel Architecture Design Competition 2022



SKILLS

| | BASIC | INTERMEDIATE | ADVANCE |
|-----------|-------|--------------|---------|
| LUMION | | | |
| PHOTOSHOP | | | |
| ENSCAPE | | | |
| FILMORA | | | |
| SKETCH UP | | | |
| AUTOCADD | | | |
| REVIT | | | |

EXTRACURRICULAR ACTIVITIES

President of Architecture Society (TARCAS)

TARUMT | NOVEMBER 2022 - PRESENT

President of Fashion Show Event for TARCAS society

Tunku Abdul Rahman University Of Management And Technology (TARUMT) | FEBRUARY 2023 - MARCH 2023

Lead 50 committees (RAR 1 & RID 2) with 15 TARCAS committee

Helped promote the school of architecture in and outside of TARUMT

Vice President of Architecture Society (TARCAS)

Tunku Abdul Rahman University Of Management And Technology (TARUMT) | 2020 - 2021

Conducted online workflow sharing session on corona renderer (3d max) | 2021

Conducted online workflow sharing session on lumion | 2021

Organised event: webrick web design | 2021

Art and Design Department for Music Society

TARUMT | 2020 - 2021

Created all social media poster using canva and photoshop

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CHILDREN ENRICH-
MENT CENTER

PROJECT 1: TARUMT GUARD HOUSE PROPOSAL

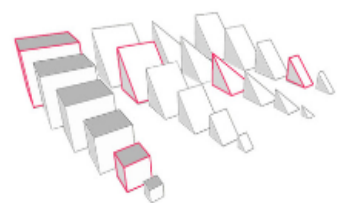
THE TRANSFORMING SHAPERSHIP

TARUMT EAST CAMPUS GUARD HOUSE PROPOSAL

The goal of "The Shappership," a design proposal for the TAR UMT Guard House, is to make the entry to East Campus feels welcoming while still maintaining strict security standards to enable security professionals to work to their full potential. Limiting the difficulties security team members encounter is a crucial purpose of a guard house. In addition, the design create a more environmentally friendly and sustainable environment by taking into account concerns with off-site prefabrication, portability to the site, flexible modular systems, and their reassembly. Also, the design would show a creative structural approach and effective service.

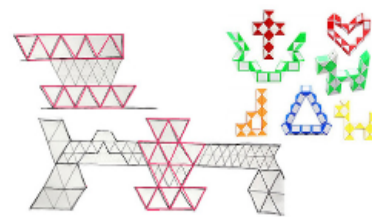


CONCEPT DEVELOPMENT



MODULAR SYSTEM

3D shapes were introduced to achieve a modular structure which is also easy to assemble. Therefore, the very first attempt was to piece the guard house together with them.



MASSING AND PLANING

The form of the guard house was experimented by using triangular grids as we got our inspiration from the toy, Magic Snake Cube. Required spaces were sorted out, eg. reception, viewing area, built in toilet

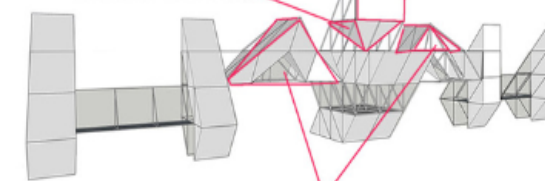


DYNAMIC

The guard house was assembled with repetition of triangles to create a dynamic effect.

LED screen was placed at the top centre to serve as a signboard

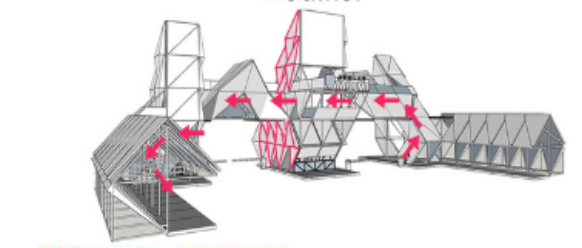
Rainwater Harvesting



The features of the entrance and exit were developed.

FEATURES

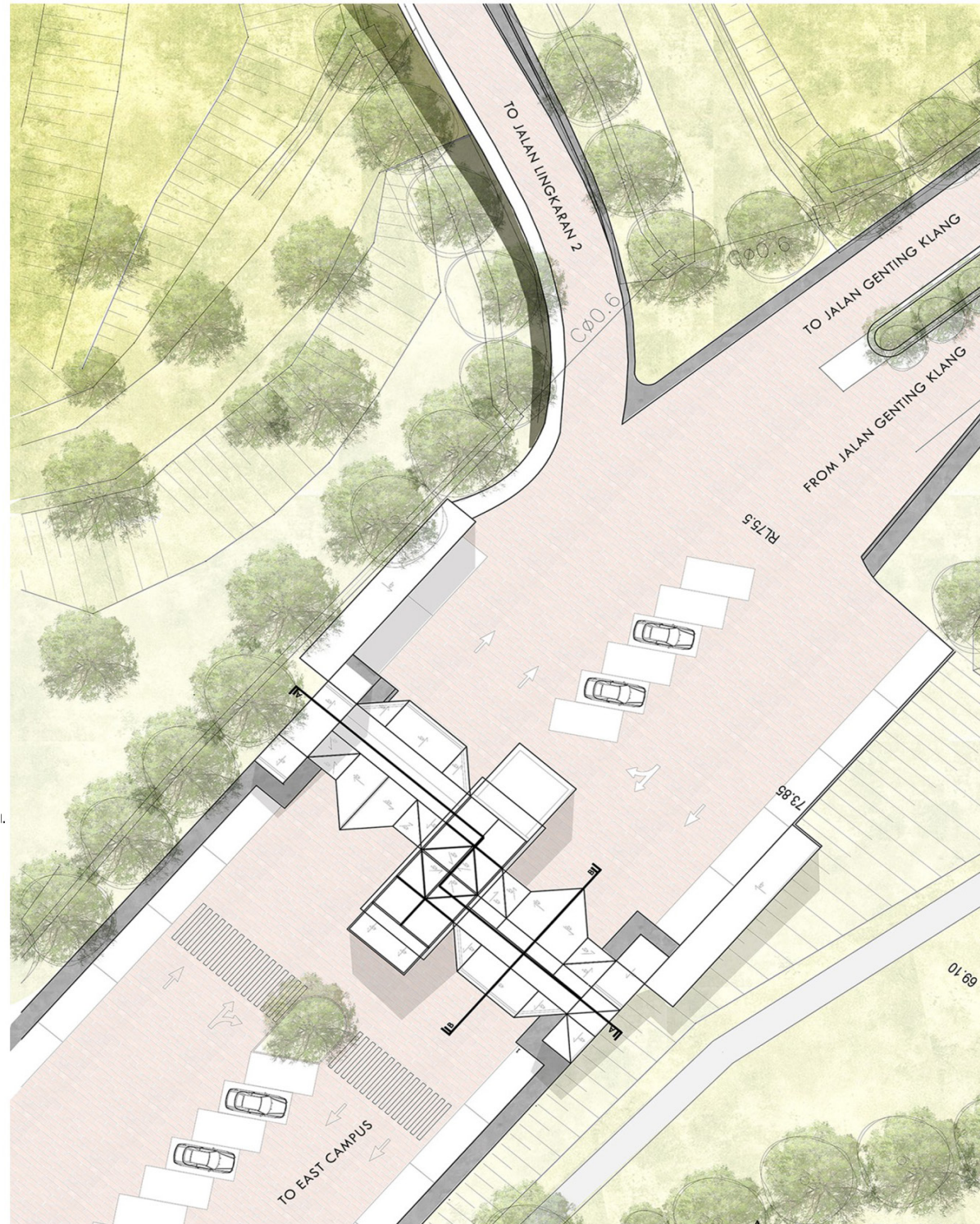
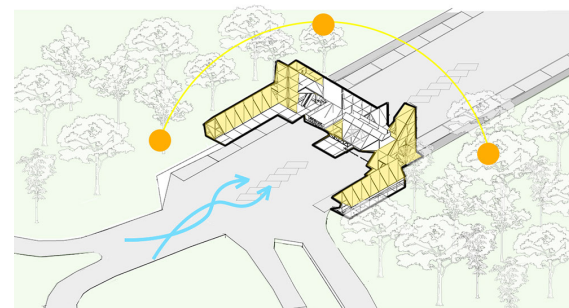
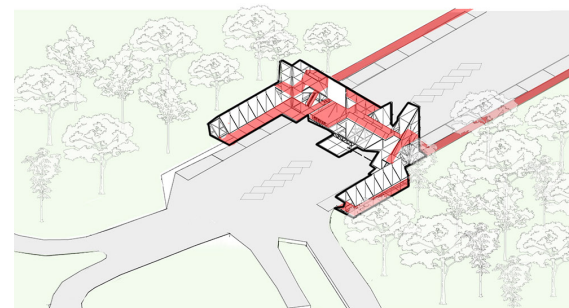
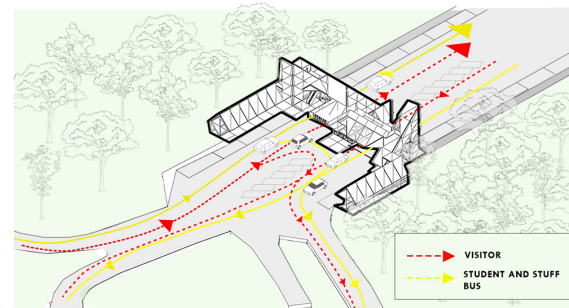
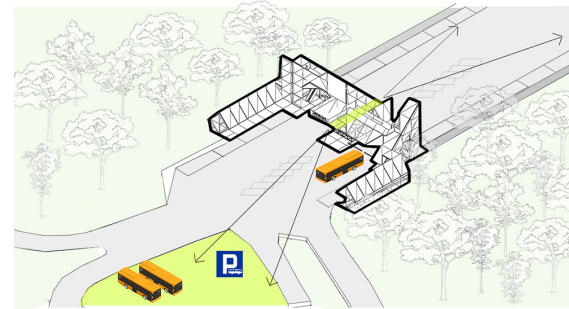
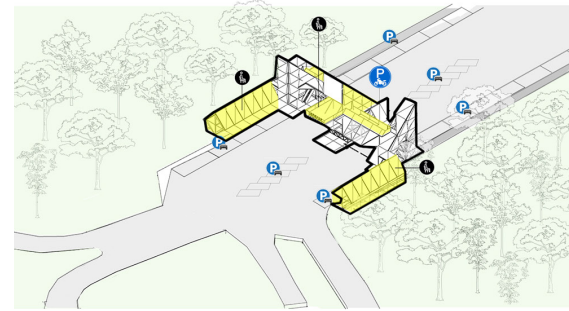
More triangle panels to fight against the weather



SITE CONTEXT

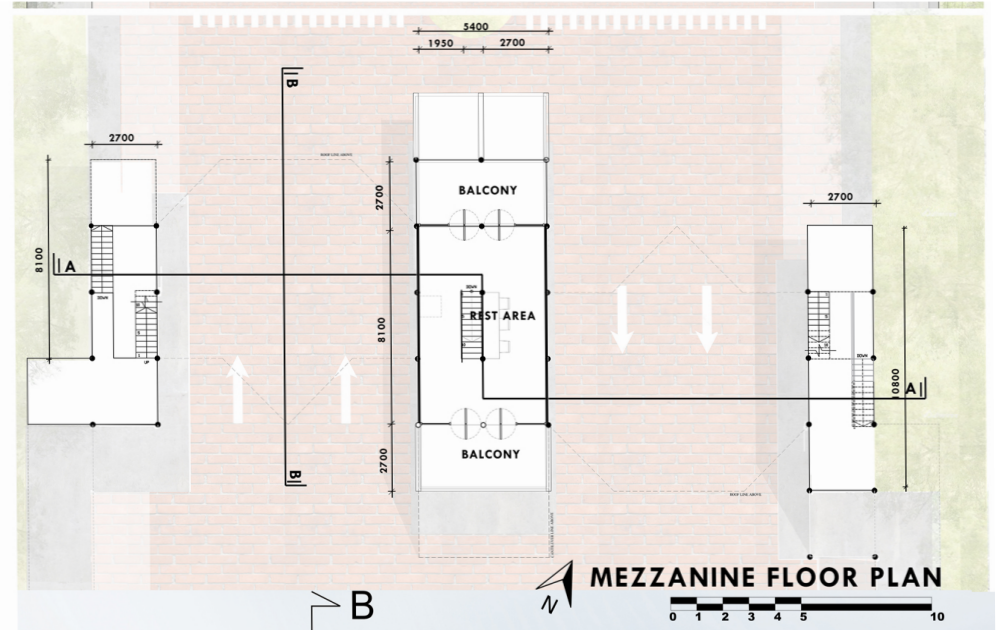
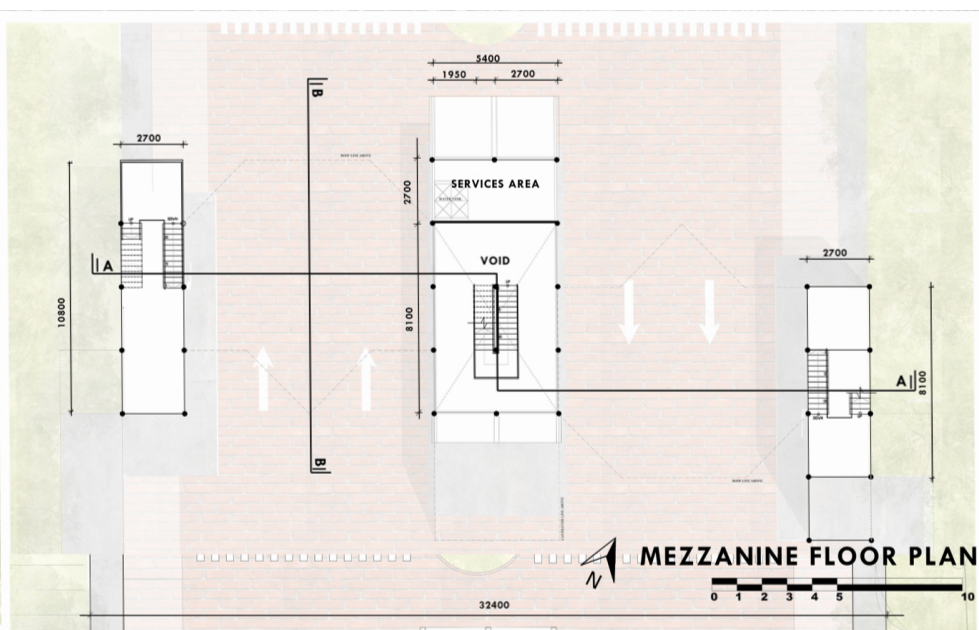
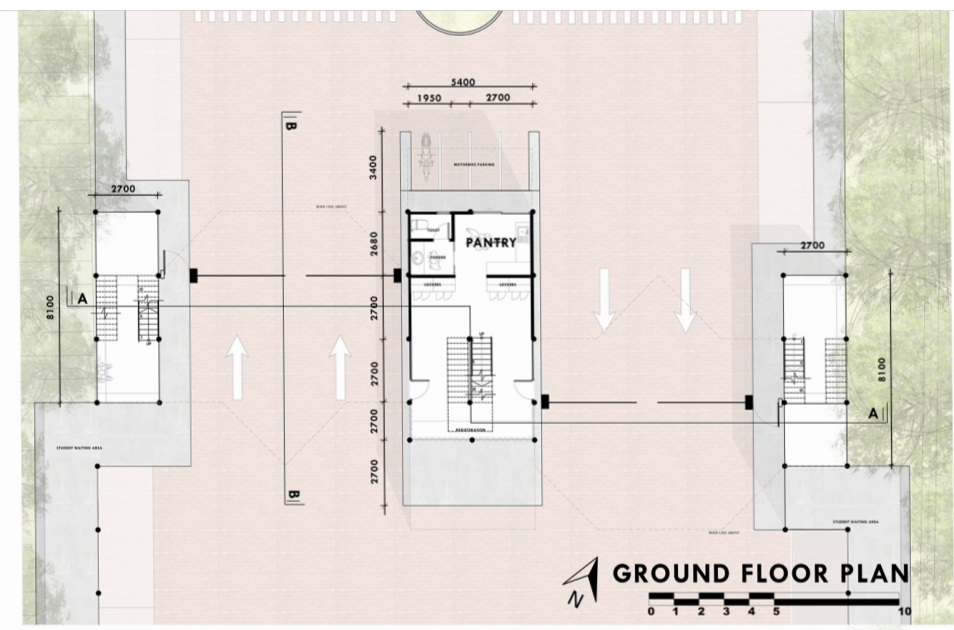


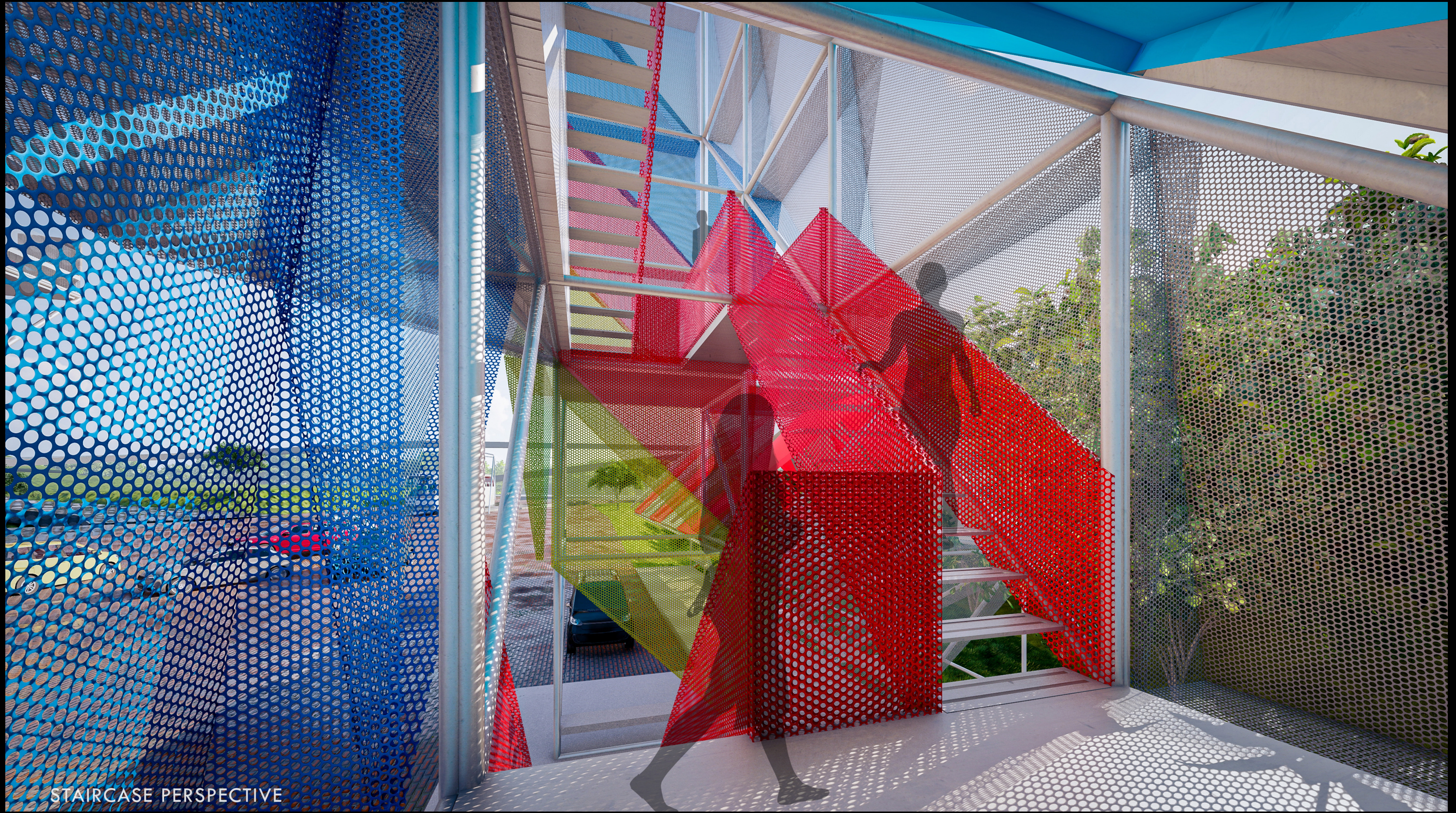
SITE RESPONSE



Inspired by the Magic Snake Cube toy, Shapership aims to mold new realities and bring positive changes to society. The structure reflects a student's transformative journey in school, and its combination of triangles symbolizes different student outcomes. Students can explore the inside space and view the structure from various angles.

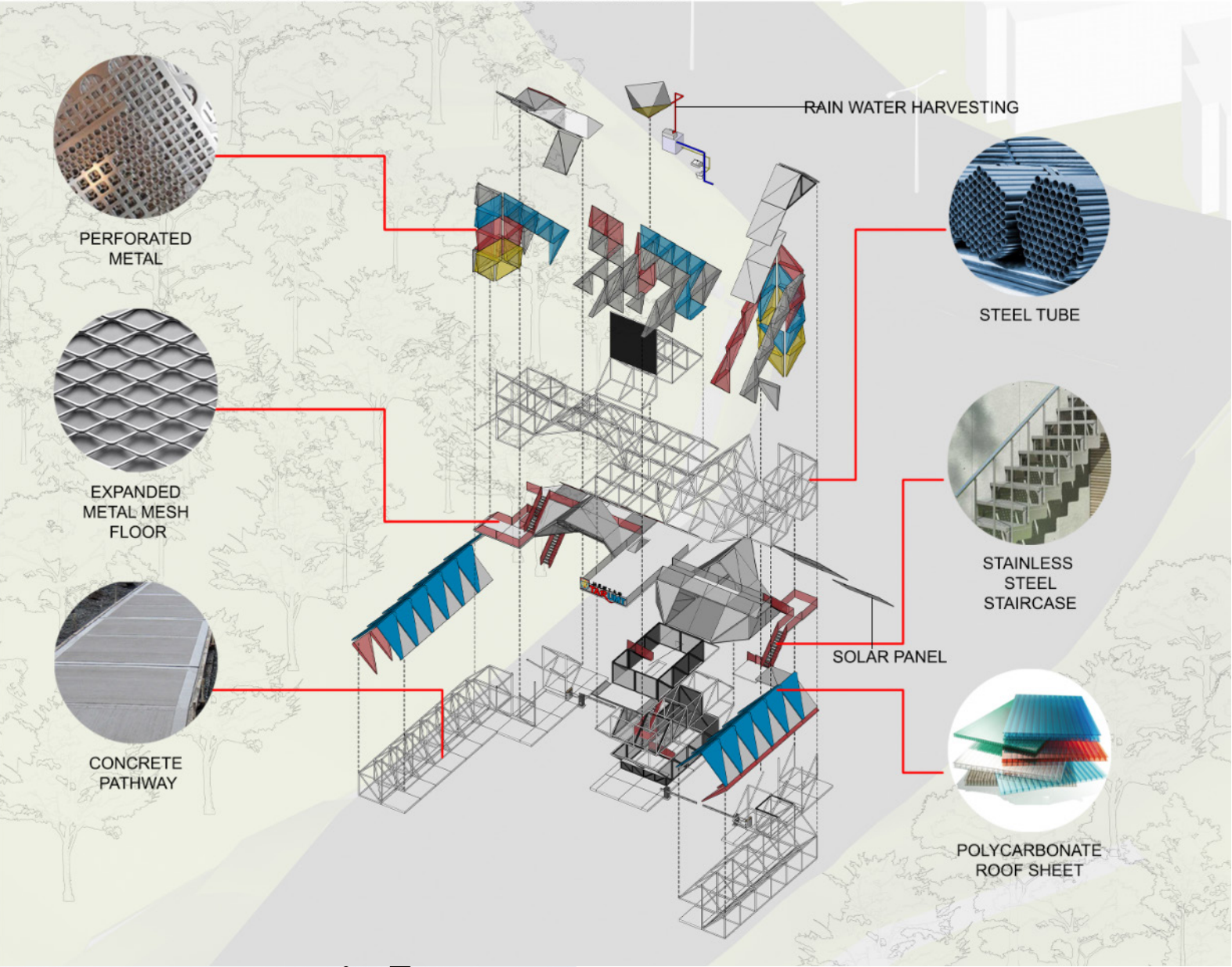






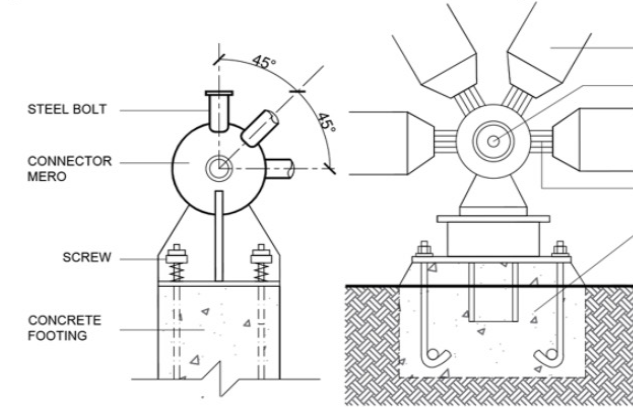
STAIRCASE PERSPECTIVE

EXPLODED AXONOMETRIC & MATERIALS

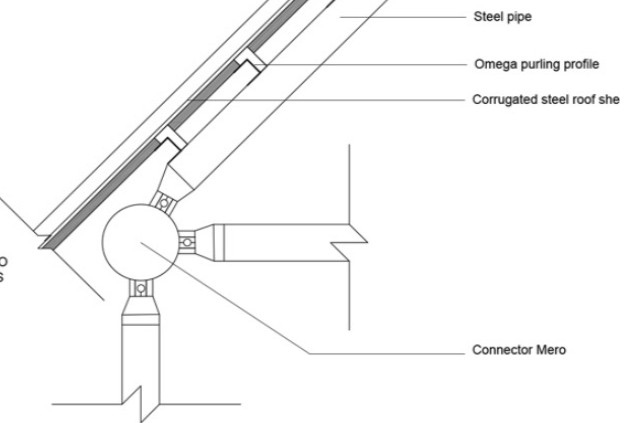


CONSTRUCTION DETAILS

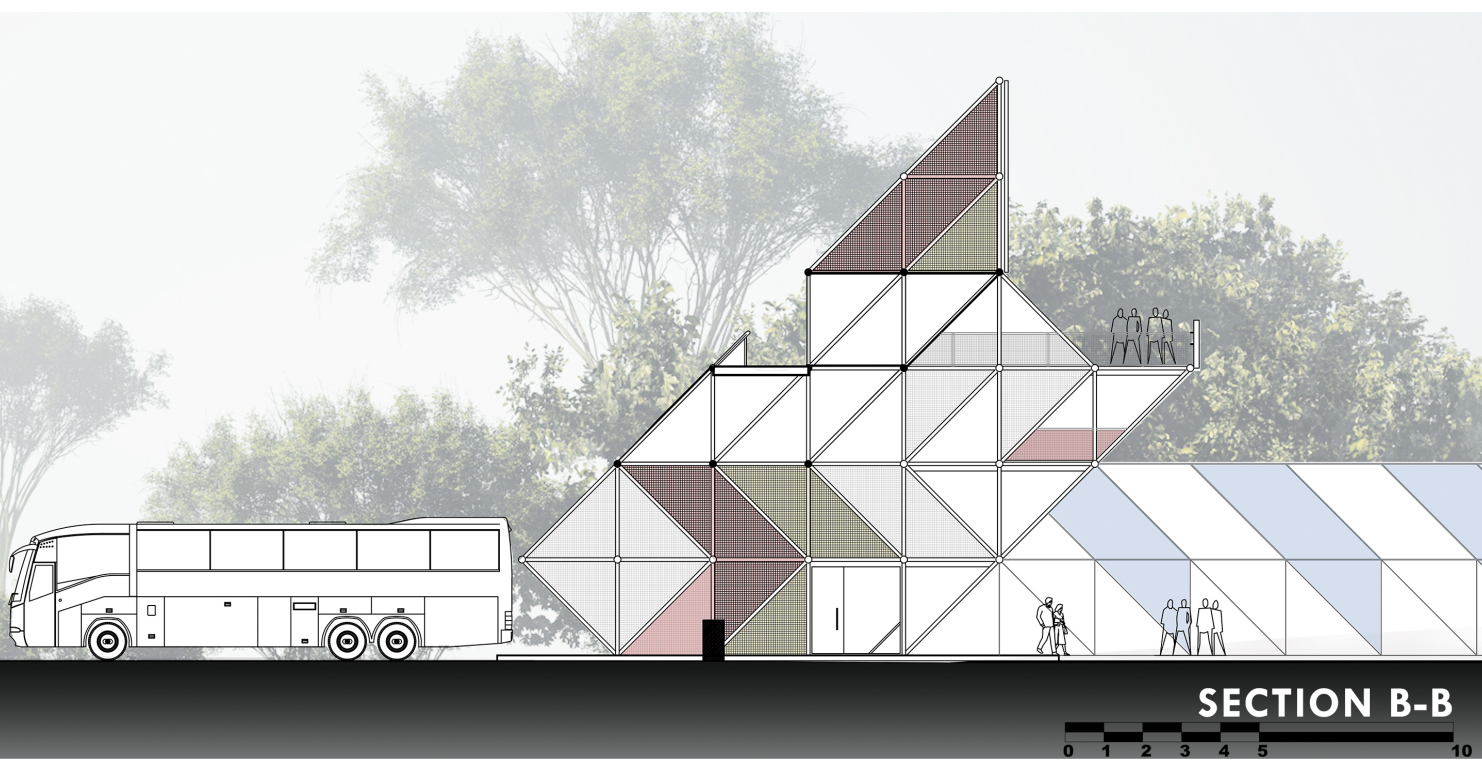
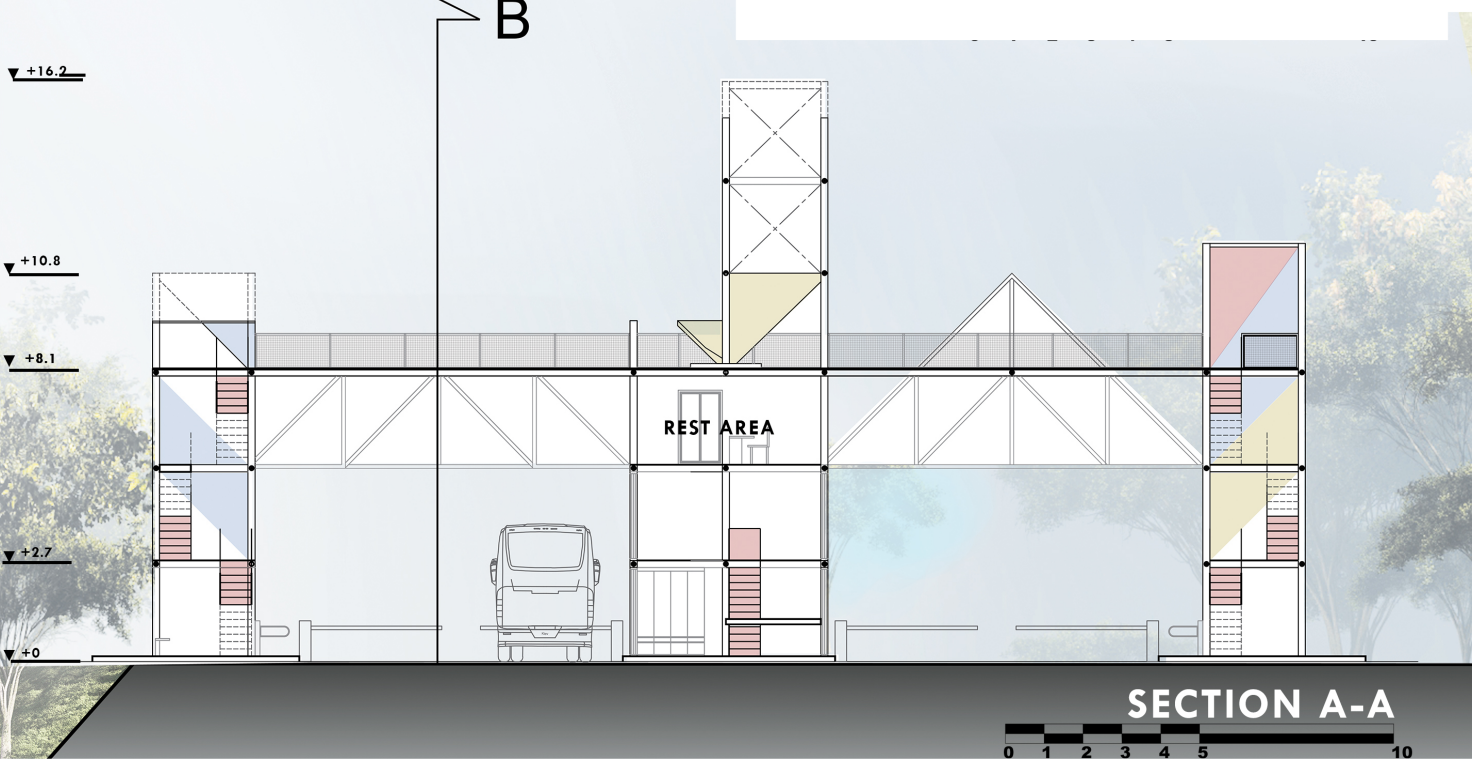
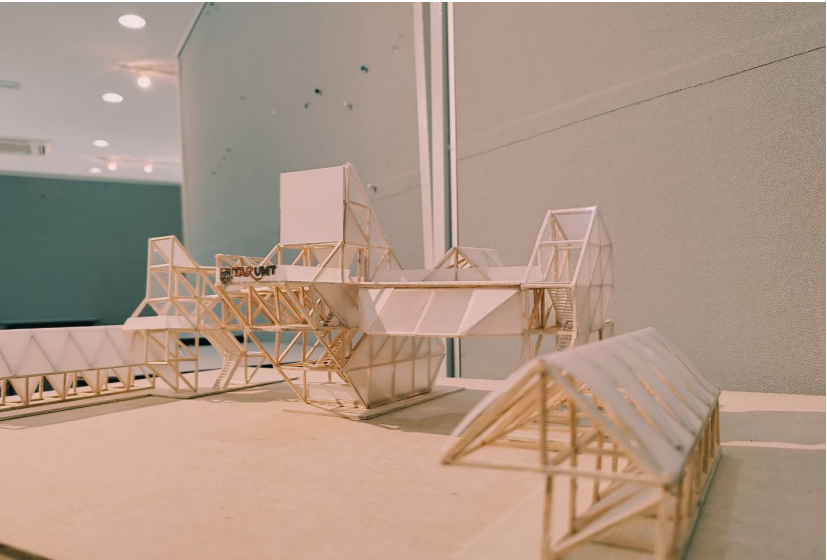
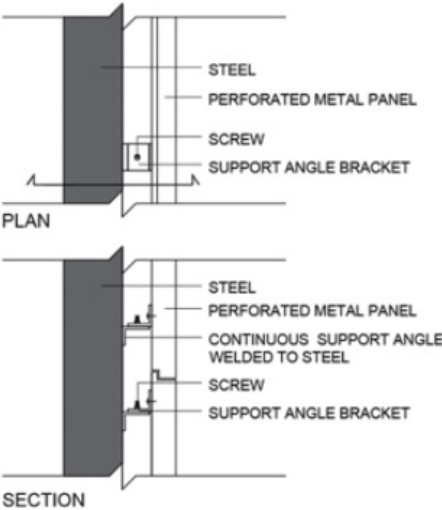
TUBULAR ELEMENT CONNECTION TO GROUND (SPACE FRAME FITTINGS COMPOSITION)



ROOF CONNECTION



PERFORATED METAL CONNECTION



PROJECT 2: SITE ANALYSIS



Gombak is a district located in the state of Selangor, Malaysia. It is situated on the eastern side of the state, bordering Kuala Lumpur to the east. The district was created on Feb 1, 1974. Until 1977, Rawang was the district capital. The capital has been moved to Bandar Baru Selayang. Gombak was home to the settlements of the first Minangkabau immigrants in the 1800s and was established soon after. Old mosques in the Gombak area such as the Masjid Lama Batu 6 Gombak are still standing to this day.



Setapak is situated north-east of Kuala Lumpur in the constituency of Gombak. It highlights the area's residential and commercial mix, its history as a rubber plantation and tin-mining, and its population boom in the 1950s. Setapak is now a bustling suburban area with amenities.

| Pre-Colonial Era

Orang Asli civilization began near the Gombak River and relied on the forests and rivers for their survival. The river has cultural and spiritual importance and is used for traditional rituals.



Pre-1900s

Gombak was inhabited by the Orang Asli Semai and Orang Asli Jakun who lived in traditional houses made of bamboo, wood, and thatch.

Early 1900s

Gombak was significant for mining and rubber plantations, and it was mostly rural and agricultural.



1910-1950s

The British colonial government built Victorian and colonial-style structures in the area, such as the Gombak Police Station.

1960s-1970s

Urbanization and development increased due to new constructions of public housing, shophouses, and factories.



1990s

Gombak underwent rapid development with the construction of numerous commercial and residential buildings, including the Gombak LRT Station which began operating in 1998.



| Present

Gombak still experiences construction of contemporary structures such as hotels, shopping malls, and condominiums. It becomes a tourist and cultural attraction.



Figure 1 consists of four maps showing the spatial distribution of the proposed site (red) and existing buildings (black) in 2003, 2009, 2016, and the present. The maps show a significant increase in building density over time, particularly around the proposed site. A legend indicates that the red area is the 'Proposed site'.





1 View from Jalan Desa Makmur to proposed site



2 View from proposed site to North West mountain



3 View from proposed site to North East mountain and existing bungalow lot.



4 View from proposed site to North East mountain and



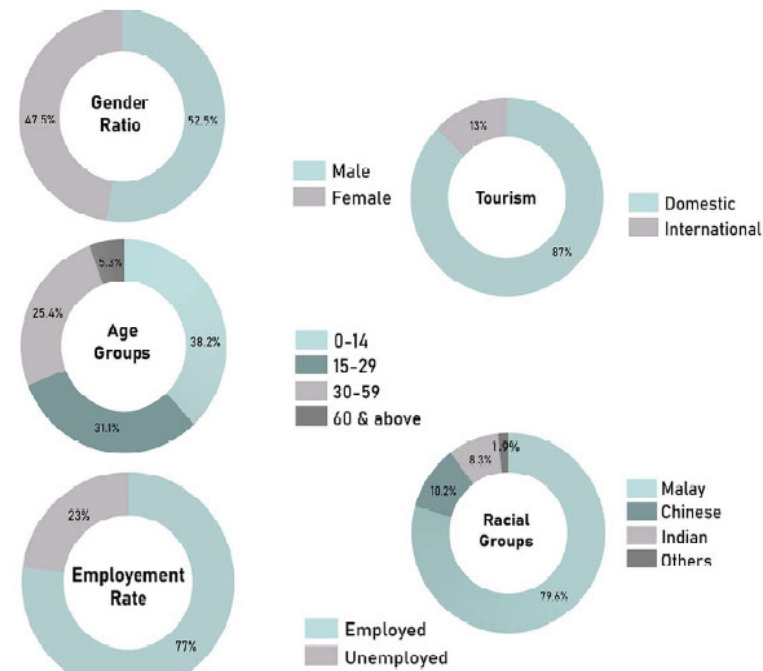
5 View from proposed site to North West mountain



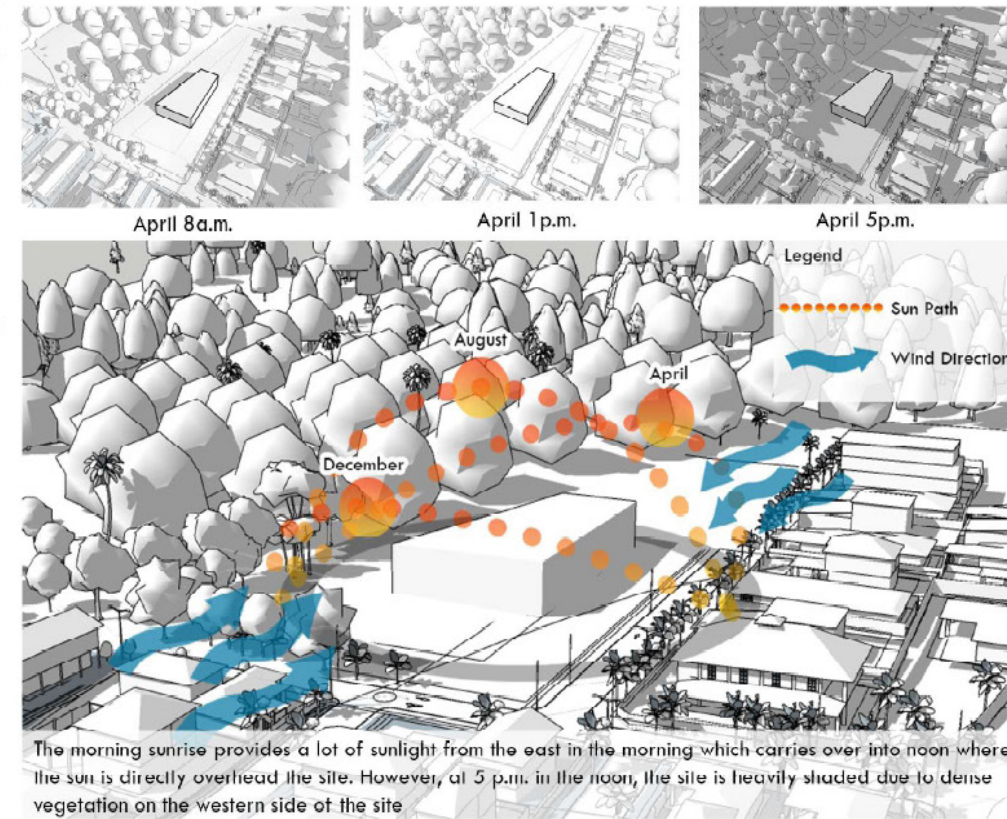
6 View from Site to Jalan Desa Makmur

LOCAL DEMOGRAPHICS

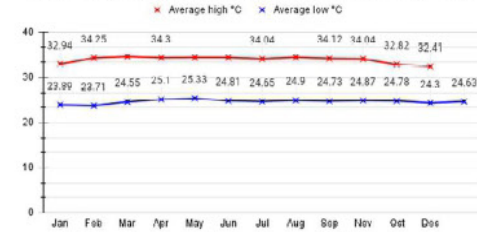
Desa Makmur is a town that is a mix of people from all ethnicity but the majority is Malay people. Despite that, it is also a town which contains many families with more male members than female members and most of them are employed. Lastly, this town attracts more tourist to visit due to its beautiful landscape.



CLIMATE



Average High and Low Temperature (°C) in Gombak



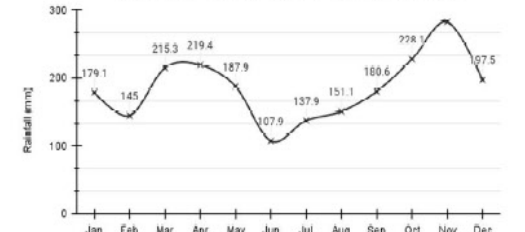
Highest Temperature

- 34°C
- Considered hot & may feel uncomfortable to humans

Lowest Temperature

- 23°C
- Considered comfortable & mild for humans

Average Monthly Rainfall in Gombak



Most Precipitation

- 300mm per month on average
- March, April & November
- Hottest Months
- Least Precipitation
- 100mm
- February, June, July & August
- Driest months

Wet Season

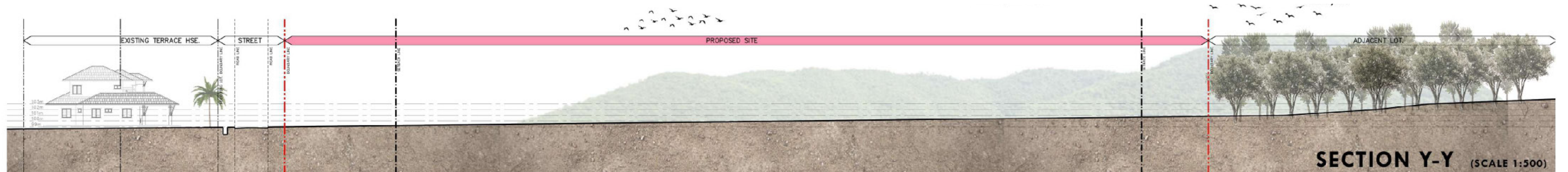
- November to April
- Annual rainfall
- Dry Season
- May to September
- Region experiences drier & sunnier weather

Average Relative Humidity in Gombak

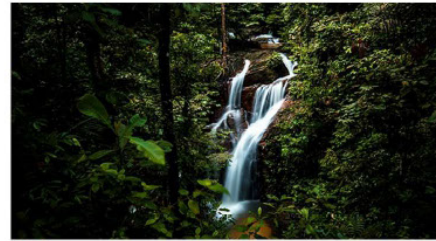


Humidity

- 75% to 85% all year round
- High humidity compare to average percentage in Malaysia



LANDMARKS



1 Recreational Area
Pisang Waterfall
19.8km
(23min)



2 Institutional Place
Muzium Orang Asli Gombak (MOAG)
2.8km
(5min)



3 Recreational Area
Rohas Garden Park
1.3km
(3min)



4 Religious Centre
Masjid Gombak Utara
6.3km
(12min)



FACILITIES



5 Recreational Area
Lake bir Farhad
9.9km
(16min)



6 Institutional Place
Universiti Kuala Lumpur British Malaysian Institute
5.1km
(8min)



7 Institutional Place
International Islamic University Malaysia (IIUM)
5.4km
(8min)

WEEKEND/LEISURE ACTIVITIES



1 BADMINTON/SPORT IN FRONT OF THEIR HOUSE
1 MIN(50M) 1 MIN(50M)



3 BUKIT SRI PERMATA
1 H 3 MINS (10.6KM) 20 MINS (11.1KM)



2 BUKIT TABUR HIKING
2H 32MINS (13.0 KM) 20 MINS (13.0 KM)



4 BATU CAVES
2H 24 MINS (9.6KM) 17 MINS (9.6KM)

RELIGIOUS ACTIVITIES



5 SURAU AL-MEZHAN
1 MIN(80M) 1 MINS(80M)



6 SURAU NURUL IMAN
12 MINS(1KM) 3 MINS(1KM)

EDUCATIONAL ACTIVITIES

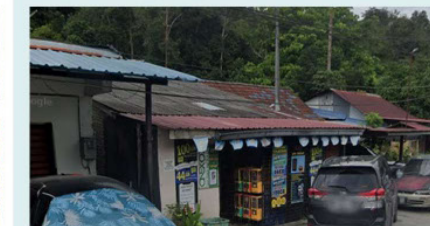


7 TABIKA KEMAS BATU 11 GOMBAK
10 MINS(850M) 1 MINS(850M)



8 DARUL HAAFIZHIIN AL-FURQAN
15 MINS (1.3KM) 4 MINS (1.3KM)

COMMERCIAL ACTIVITIES



9 KEDAI RUNCIT BATU 11 GOMBAK
11 MINS (1.1KM) 3 MINS (1.1KM)



10 BIG SUPERMARKET SRI GOMBAK
1 H 41 MINS (8.7KM) 18 MINS (8.7KM)

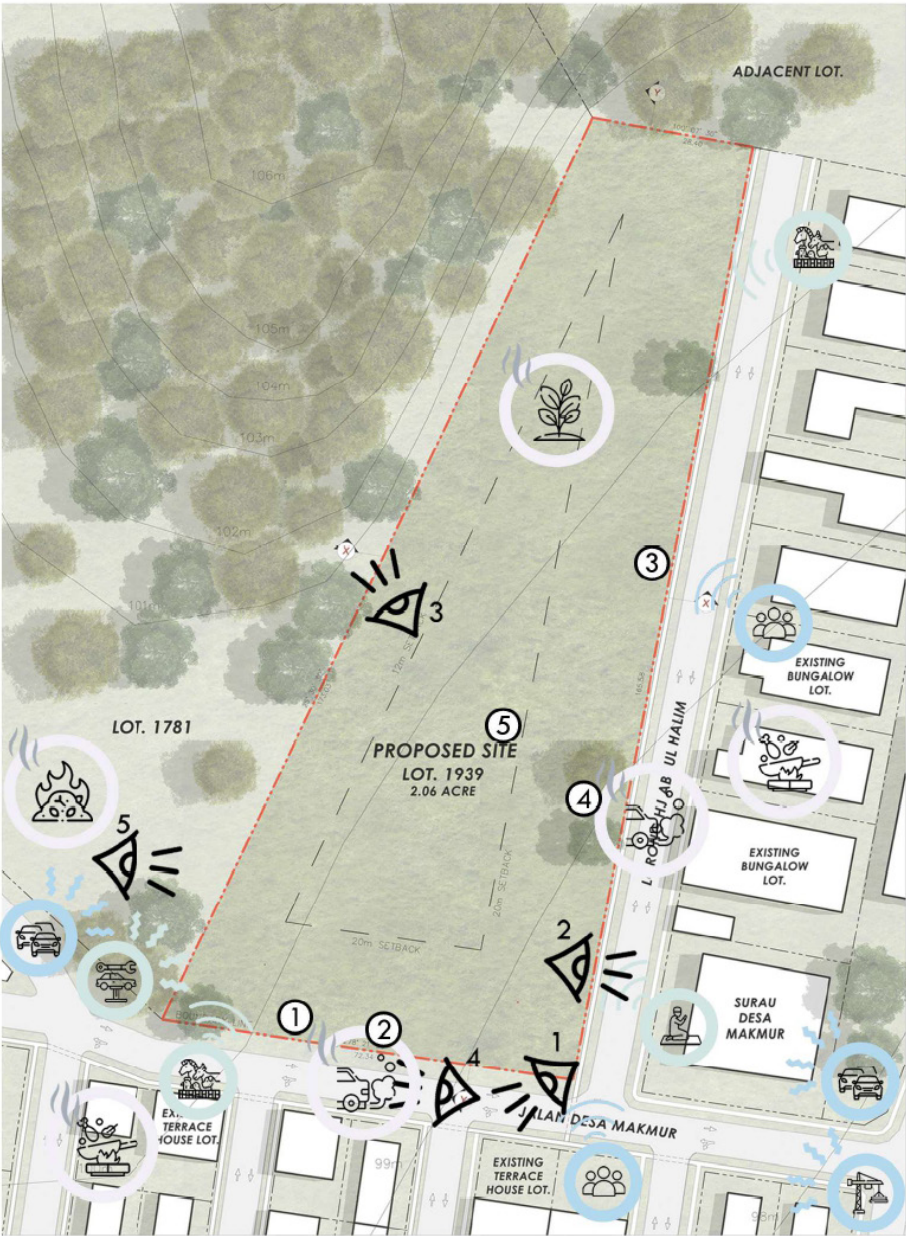
COMMUNITY ACTIVITIES



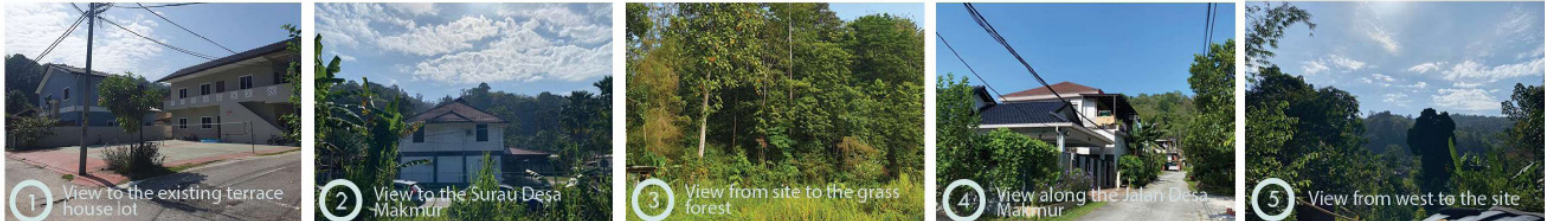
11 ORCHARD VILLA
4 MINS(290KM) 1 MIN(290M)



SENSORY



View



Sound

Pleasant Sound

- Human Activity** -sound of residents chit-chatting and children playing around enhances the liveliness of the site.
- Wild life sound** -chickens, geese, cats, and dogs were found in the surrounding area.
- Surau prayer broadcast** -during dawn, noon, mid-afternoon, sunset, and evening.

<60db

Noise

- Traffic** -residential cars and bikes passing by.
- Garage** -noise from a nearby car garage.
- Construction** -noise from a house that is still under construction.

Smell

- Vehicle Exhaust** -vehicle exhaust are not pleasant for children
- Greenery and damp soil** -Aroma of greenery creating a fresh and light scent
- Cooking smell** -Cooking smells coming from the residential area
- Garbage burning** - smell of garbage burning in the neighborhood

Tactile



1

Contextual

The site is peaceful as it is away from the city.

2

Accessability

Adjacent surau benefit muslim staffs and visitors of the enrichment centre.

1

Cooperability

More families looking for a quieter life may move close to the site resulting in more potential enrichment centre. users.

2

Flexibility

Flat area ease future developments of the users.

3

Contextual

Good view towards nature.

4

Sustainability

Reduces carbon foot print as construction on flat land does not require cut and fill.

3

Contextual

Fertile soil suitable for raising farm animals and grow lush vegetation.

4

Flexibility

Alternative gathering place for the community.

S

W

O

T

1

2

3

4

1

Accessability

Access during construction is difficult for heavier vehicles due to the lack of proper roads.

2

Connectivity

Limited public amenities & activities in the area, and lack of public facilities like bomba and

1

Contextual

Hilly/mountainous terrain surrounding the site pose future risk of landslides and flash floods.

2

Cooperability

The lack of proper zoning and regulations for the site may cause issues with the authorities

3

Contextual

Noise from Karak highway creates nuisances to the users of the site, especially children.

4

Accessability

The site is only known by few due to its rural location.

3

Sustainability

Developments in the area result in environmental damage, loss of natural habitats, and pollution.

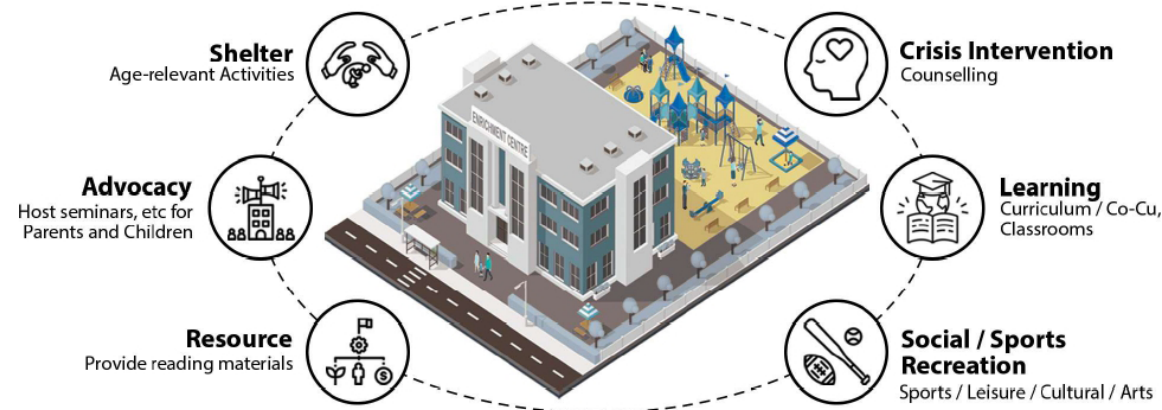
4

Security

The rural area lack security becomes a concern for a children centre.

GENERAL SPACES AND PROGRAMMING: CHILDREN ENRICHMENT CENTRE

CRITERIAS OF SPACES FOR ENRICHMENT CENTRES



GENERAL SPACES

| | |
|---|--|
| P U B L I C | Reception Counter / Lobby - 49 m ² / 5 staff Play & Rest Area - 49 m ² / 30 pax |
| S E M I - P U B L I C | Libraries / Resource Rooms - 105 m ² / 30 pax Study / Quiet Rooms - 49 m ² / 30 pax Restrooms - 36 m ² (Male & Female) Prayer Room - 75 m ² (Male & Female) Switch Box Room |
| P R I V A T E | Teacher's Office - 49 m ² / 5 staff Administration Office - 49 m ² / 5 staff |

PROGRAMMING

| | |
|---|---|
| Arts & Creativity Painting Studios Modelling / Crafting Studios Sculpture / Pottery Studios | Music & Dance Acoustic Studios Dancing Studios |
| Sports & Fitness Courts (Badminton, Basketball, etc.) Outdoor Fields (Tracks, Football, etc.) Swimming Pool | Farming & Agriculture Gardening Animal Dens / Coops Outdoor Parks |
| S.T.E.M. Science Labs Robotic Labs Classrooms | Skills Kitchen / Bakery Studios Tailoring Workshops |

CAPACITY OF EXIT REQUIREMENTS

Purpose Group VII: Place of assembly

*Estimated floor area

| A | Level | 1 | 2 |
|---|---|----------|----------|
| B | Purpose Group/ Occupant Load | VII/ 1.5 | VII/ 1.5 |
| C | Floor Area (sqm) | *300 | *500 |
| D | Occupancy (Floor area/Occupant Load) (Occupant load = 1.5 net) | 200 | 333.3 |
| E | Exit Capacity Required for Stairs (Occupancy/Capacity Exit) (Capacity Exit = 75) | 2.67 | 4.44 |
| F | Staircase Width (Exit Capacity x 550mm) | 1 467 | 2444 |

Referring to column F in the above table: -Level 2 is the largest.
- Exit width is 2444mm.

Staircase provision must cater for this requirement.

PARKING LOT REQUIREMENTS

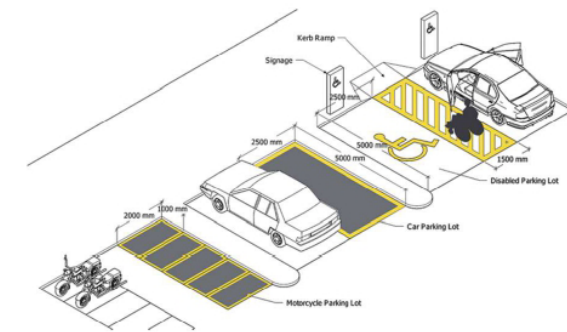
Range of built-up area: 500-1000sqm

| | |
|--|---|
| Car Parking Lot - to provide 1 space per 46sqm built-up | Range 500/46sqm to 1000/46sqm ≈ 11-22 spaces * +10% of total amount for visitor use * at least 1 OKU per parking lot, placed as close as possible to entrance not further than 50m. |
| Motorcycle Parking Lot - to provide 1 space per 50sqm built-up | Range 500/50sqm to 1000/50sqm ≈ 10-20 spaces |

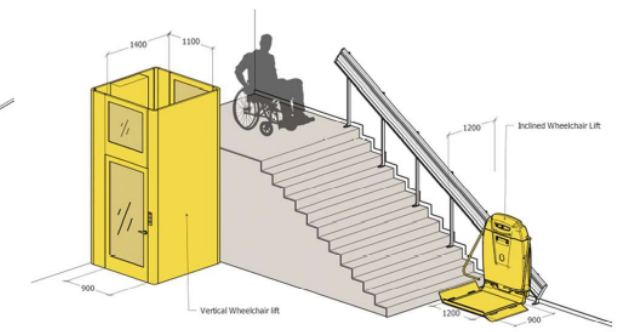
SOURCE: MANUAL GARIS PANDUAN DAN PIAWAIAN PERANCANGAN NEGERI SELANGOR

UNIFORM BUILDING BY-LAWS 1984 & LOCAL AUTHORITY REQUIREMENTS

DISABLED-FRIENDLY PARKING LOT

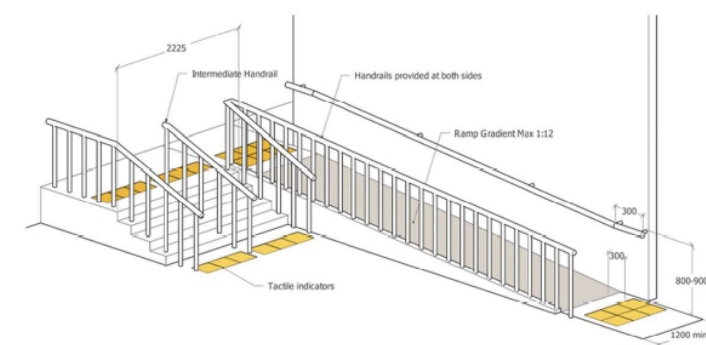


WHEELCHAIR LIFT

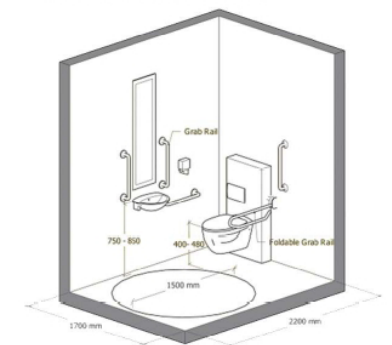


SOURCE: MS1184 UNIVERSAL DESIGN

RAMP ACCESS



DISABLED TOILETS



RELEVANT BY-LAWS

| ITEMS | BY-LAW | DESCRIPTION |
|--|------------|--|
| Natural lighting and ventilation. | 39 | 1. One or more windows for every room with not less than 10% of clear floor area and at least half of that opening allows free passage of air. 2. One or more windows for classroom with not less than 20% of clear floor area and at least half of that opening allows free passage of air. 3. Every water closet, latrine, urinal or bathroom shall provide opening with total area not less than 0.2sqm per water closet, etc. with full free passage of air. |
| Minimum dimensions of latrines, water closets and bathrooms. | 40 | a. Water closets with pedestal-type closet fittings , not less than 1.5m by 0.75m; b. Water closets with fittings other than pedestal-type closet fittings , not less than 1.25 m by 0.75m; c. Bathrooms : not less than 1.5 sqm, width not less than 0.75 metre; and d. Bathrooms with closet fittings : not less than 2 sqm, width not less than 0.75 metre. |
| Height of rooms in residential buildings, shophouses, schools, etc. | 44 | 1. Height of rooms on the ground floor shall be not less than 3m ; any floor above the ground floor shall not be less than 2.75m . 4.a. Minimum headroom of any habitable room or space shall be 2m . 4.b. Height of rooms used for dissemination of knowledge shall not less than 3m headroom . 5. The height of any verandah-way shall be not less than 3m . |
| Dimensions of staircase. | 106 | 1. The rise of staircase shall not more than 180mm , tread shall not less than 275mm with uniform and consistent dimension throughout. 2. The depth of landings shall be not less than the width of staircases . |
| Handrails. | 107 | 1. All staircase shall have at least one handrail , except for staircase less than 4 risers. 2. Staircase with width 2200mm shall be provided with intermediate handrail for each 2200mm with width spaced approximately equally. 3. Other than residential buildings, a handrail shall be provided on each side when the width of staircase is 1100mm or more . 4. All handrails shall project not more than 100mm from the face of the finished wall surface, located 825-900mm from the nosing of treads , provided handrails from landings not less than 900mm height . |
| Maximum flights. | 108 | 1. Staircase in all other buildings except residential buildings shall be not more than 16 risers between each such landing. |
| Lighting and ventilation of staircases. | 111 | 1. All staircase shall be properly lighted at the average illuminance level of not less than 100 lux and stay ventilated . |

PROJECT 3: PRECEDENT STUDY

PROJECT 2B: PRECEDENT STUDY

Youth Recreation & Culture Center



Hellerup, Denmark



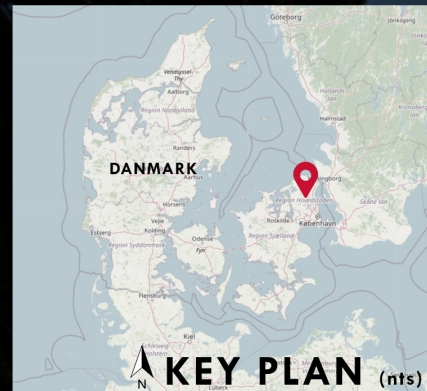
2600m²



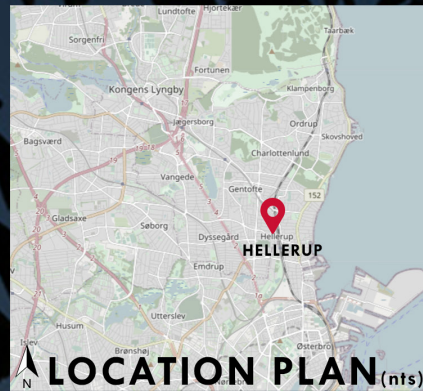
2008



Copenhagen, Denmark



KEY PLAN (nts)



LOCATION PLAN (nts)

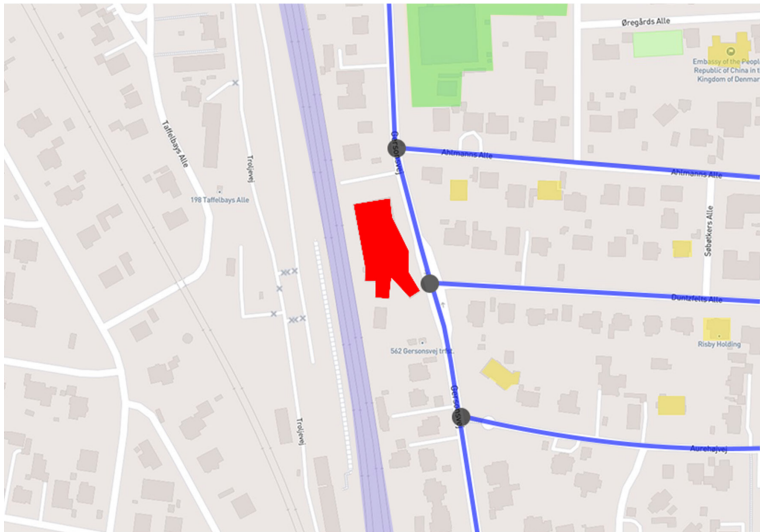
INTRODUCTION

The building is located in a residential area in the northern suburb of Copenhagen, Denmark, characterized by large villas from the turn of the century. The site is long and narrow, bordered by a railway on one side and a busy road on the other, resulting in a noise issue that needed to be addressed. The program called for a mixed-use complex that would serve various community institutions and individual users. To create a space that would facilitate cross-programming, the architects organized workshops and games with future users, including both adults and children.



VEHICAL AND PEDESTRIAN CIRCULATION DESIGN ANALYSIS

SITE CONTEXT



- LEGEND**
- Junction
 - Connecting road
 - Railway
 - Schools
 - Green area
 - Residential

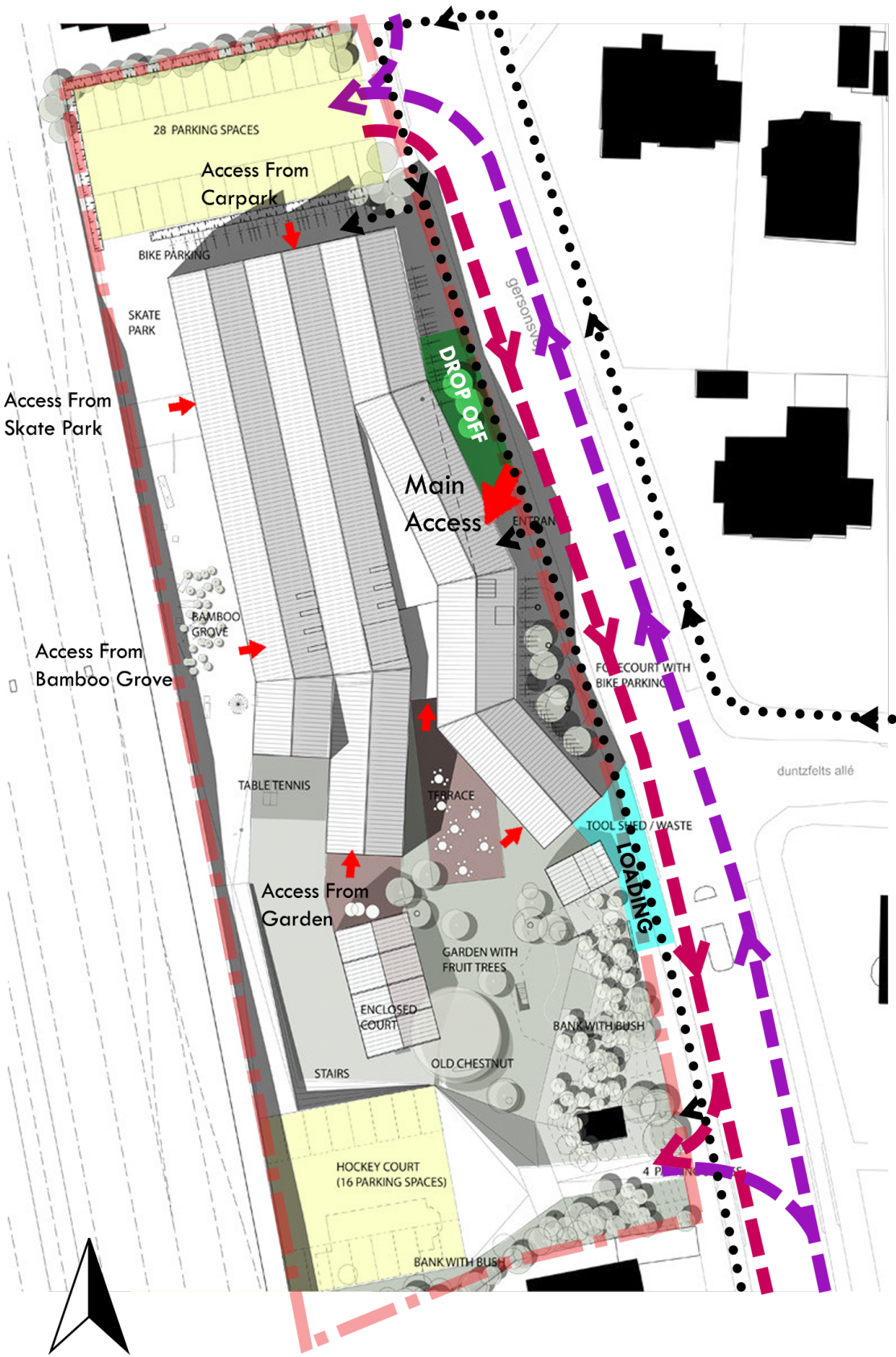
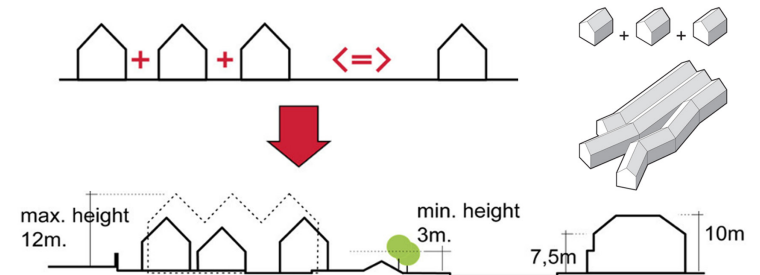
The site is long and narrow- on one side bordering the railroad and on the other a busy road- Gersonsvej - hence there was a noise problem to be solved.

ACCESSIBILITY



DESIGN CONCEPT

To express the complexity of the program under one roof, the building is shaped to the area with a form that morphs recreation and leisure in 3 connected house. There is a dynamic synergy between the villas and throughout the house, where sports and leisure are directly intertwined, both physical and mentally.



- LEGEND**
- Ingress
 - Egress
 - Pedestrian & Bicycle circulation
 - Access
 - Carpark

BUILDING SERVICES LOCATION



COURTYARD



INTERACTION AREA

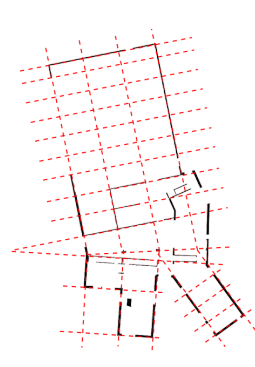


- LEGEND**
- Main Interaction Space
 - Secondary Interaction Space
 - Movement

WINDOW OPENING & VIEW



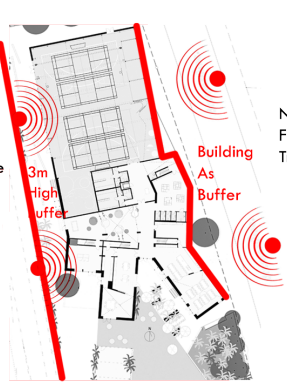
STRUCTURE & GRID



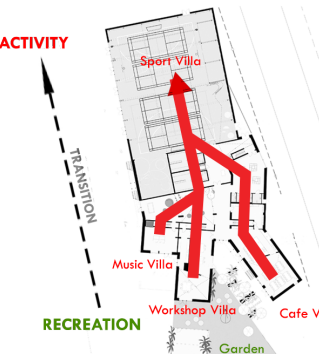
ACCESS



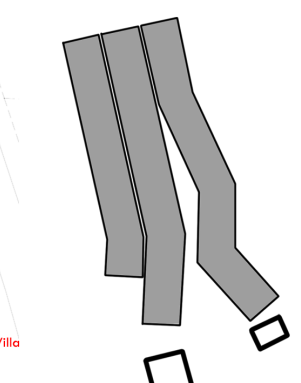
NOISE BUFFER



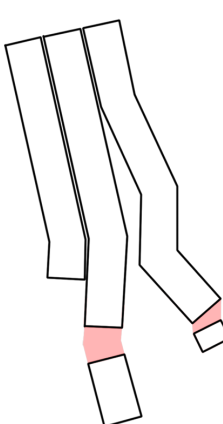
CONNECTION BETWEEN VILLAS TO VILLAS



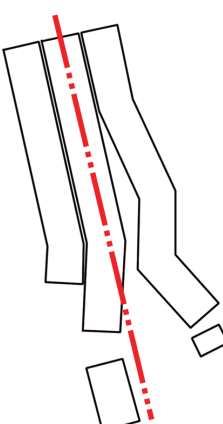
REPETITIVE TO UNIQUE



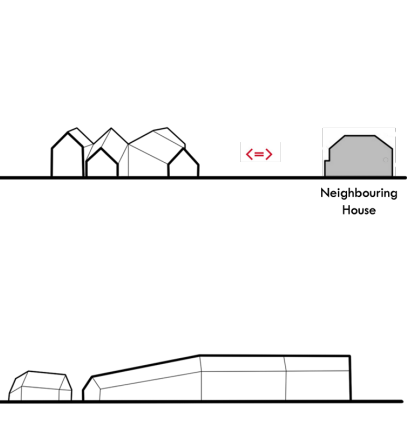
PARTI



BALANCE



MASSING



CIRCULATION & ZONING



Multipurpose Gym

Portal frames design providing larger spans for multi-functional areas



Heart of the building

Double-volume space design creates a striking visual impact and sense of grandeur, making the building feel impressive and memorable.



Garden & Courtyard

Recreational space for relaxation and interaction. Existing trees are preserved to provide shading underneath.



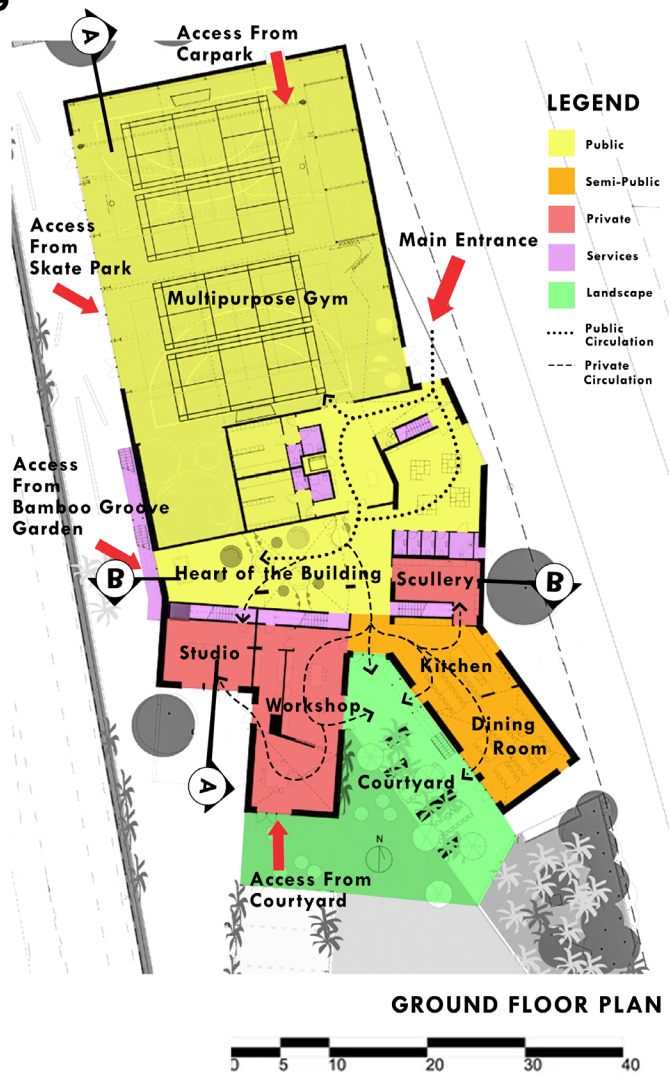
Computer Lab

Skylights are introduced to allow natural light into the room. Openings that connect to the lower floor are also able to serve as a seating area.

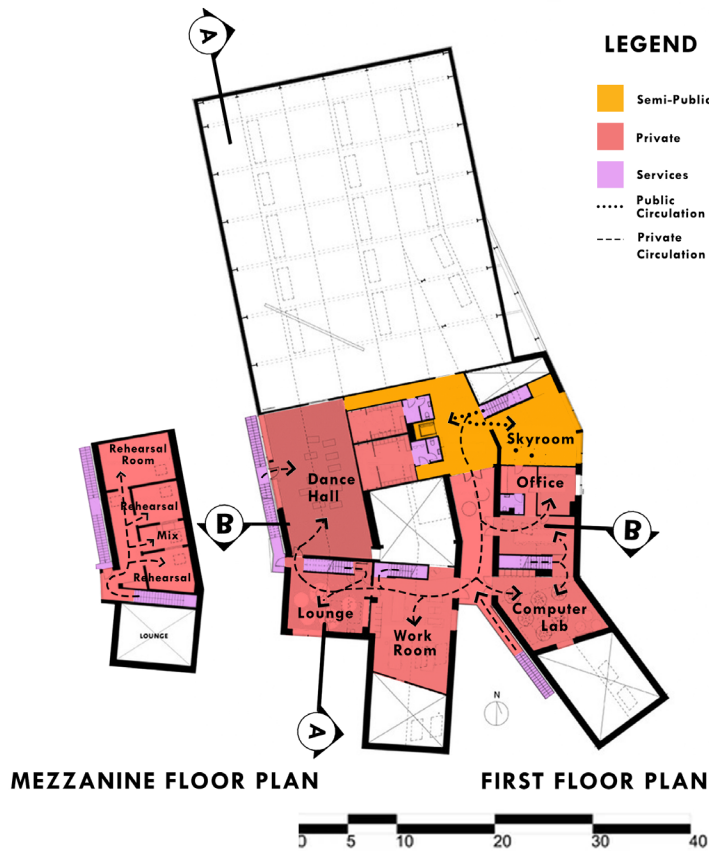


Rehearsal Room

The openings take advantage of the view of the train track.

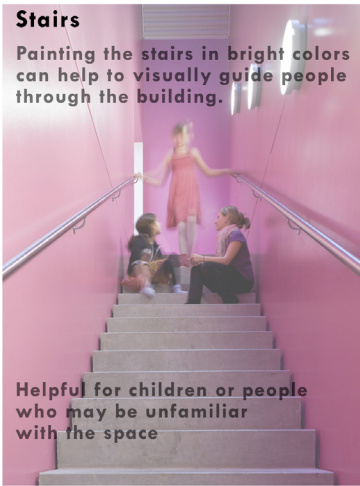


GROUND FLOOR PLAN



MEZZANINE FLOOR PLAN

FIRST FLOOR PLAN



Stairs

Painting the stairs in bright colors can help to visually guide people through the building.



Dining Room

Openings of the upper floor stay visually connected with the heart of the building while remaining its privacy.



Heart of the building

Openings of the upper floor stay visually connected with the heart of the building while remaining its privacy.



Workroom

Attic space are used to create a sense of spaciousness.



PROS

Interconnected spaces encourage social interaction and creativity, promoting a sense of community.

The center's central location makes it easily accessible to the community, promoting inclusivity and accessibility.

The modern and innovative design of the center can inspire creativity and engagement among young people.

The use of steel portal frames creates long span spaces, this allows opportunities for multi-functional spaces.

The project's "sports section" and adjacent activity spaces are linked to the heart of the building, a kind of multifunctional living room for play and social activities.



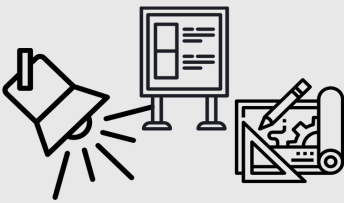
CONS

1.The entrance of the building is not celebrated as it doesn't not give a welcoming vibe for visitors.

2.Elevation design too monotonous — can change colour, break down scale

4.Include pedestrian cover and drop off area

3.There may be concerns about the potential for the center to attract unwanted activity or to disrupt the peace and quiet of the surrounding



1.Ensure that the entrance is clear and visible with signage, lighting, or architectural features.

2.Provide seating and shade near the entrance to create a comfortable area for visitors and for parents to watch over them



3.Choose welcoming materials and warm colors such as wood or stone, yellows, oranges, and reds.

SUGGESTIONS

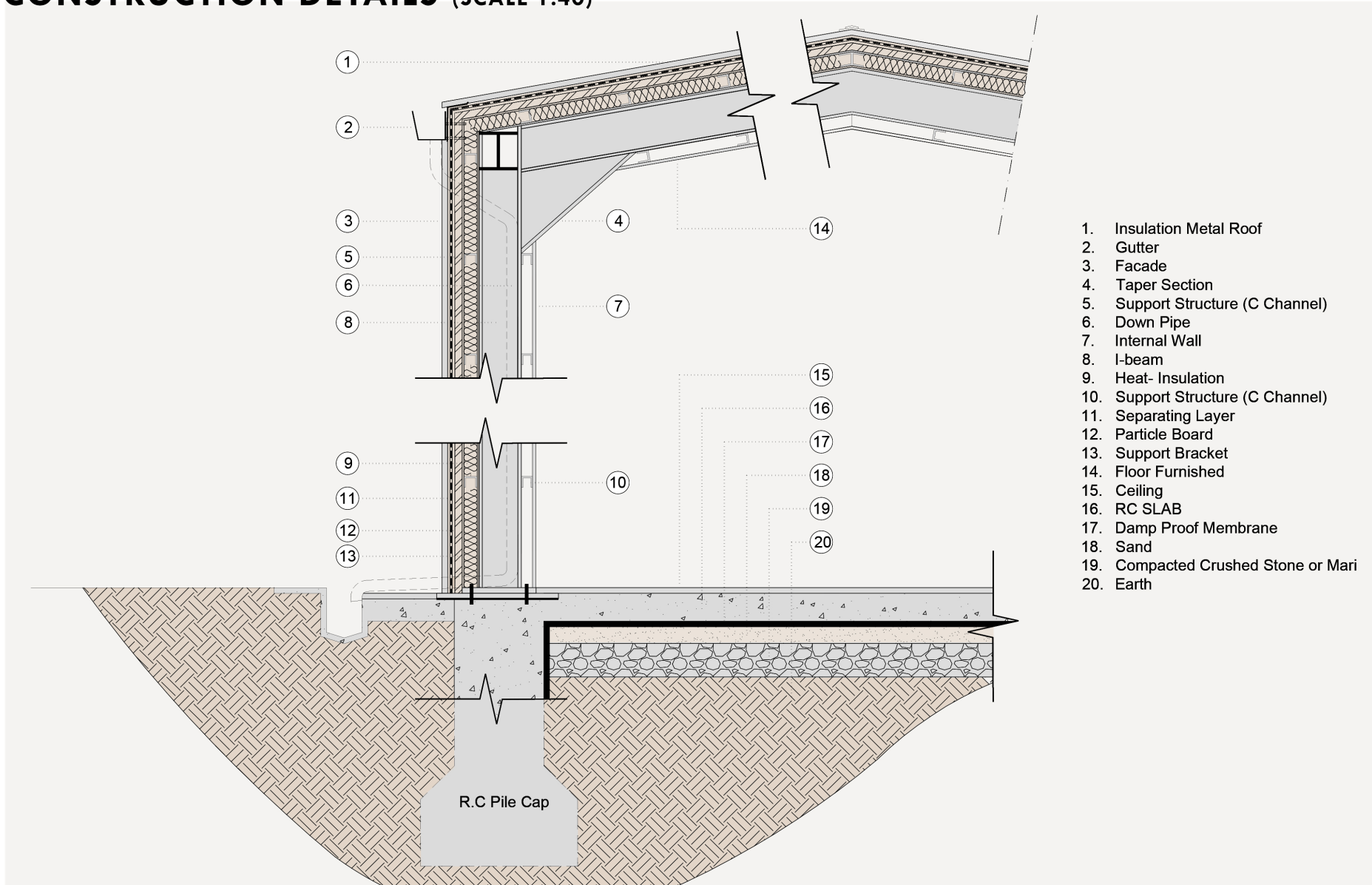


5.Include more greeneries to improve air quality, reduce noise pollution, and create an inviting atmosphere.



4. May consider incorporating art or decorative elements to add visual interest and create a welcoming atmosphere.

CONSTRUCTION DETAILS (SCALE 1:40)



COLOUR STUDY

reference :London Image

Colors are everywhere around us and they can affect our mood and how we feel.

RYB colour model-
subtractive colour system

RGB colour model-
additive colour system

Feel : Excited and energized.
Love and passion.

Feel : Enthusiastic and adventurous.
Warmth and fun.

Feel : Optimistic and joyful.
Sunshine and warmth.

Feel : Relaxed and balanced.
Nature and growth.

Feel : Creative and imaginative.
Royalty and magic.

Feel : Relaxed and tranquil.
Sky and water.

Feel : Scared or unsure, create a sense of unease.

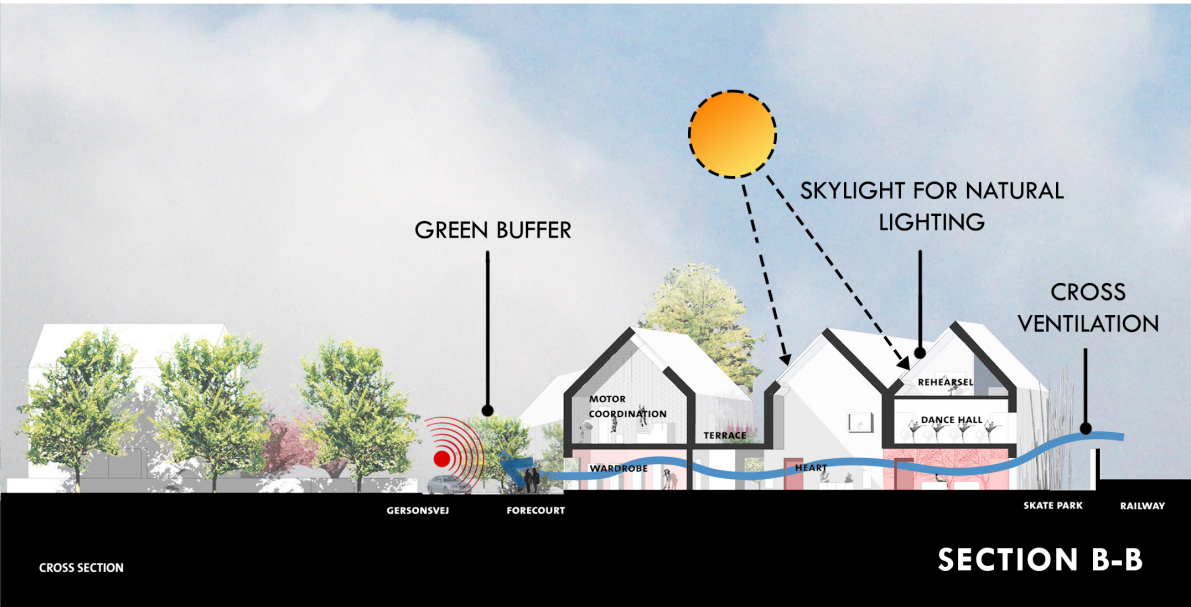
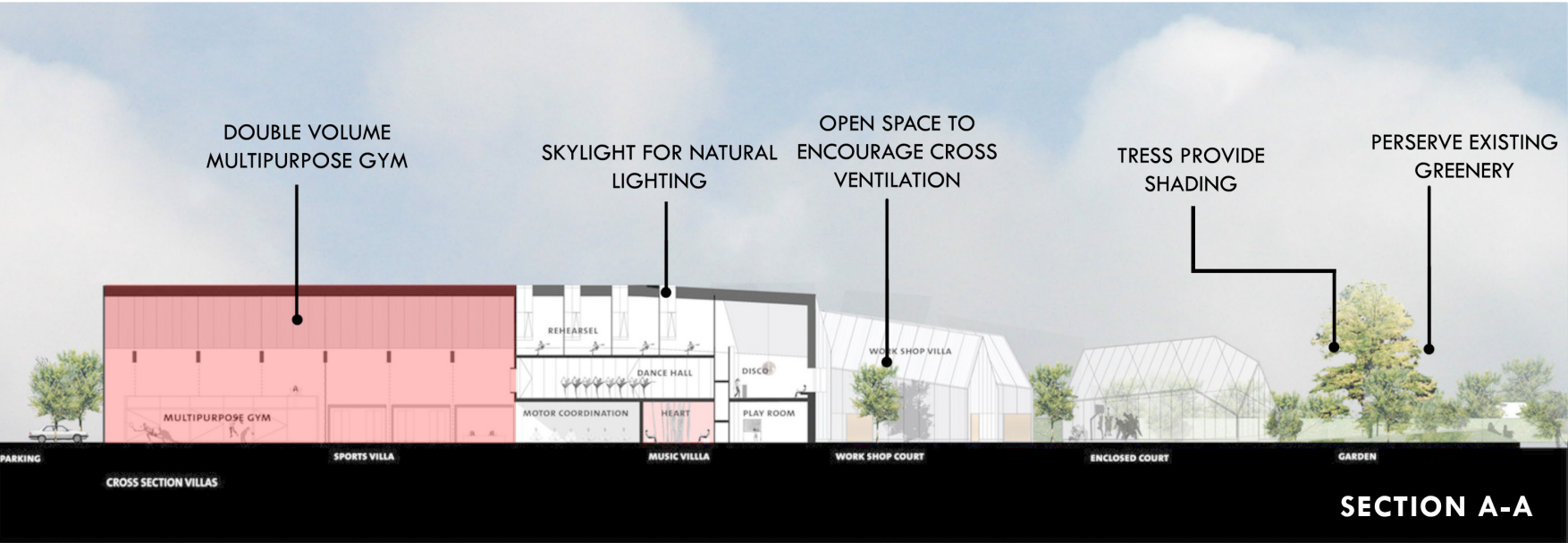
Feel : Calm, comfortable, focused, and energetic.

Recommendations for both interior and exterior colors:

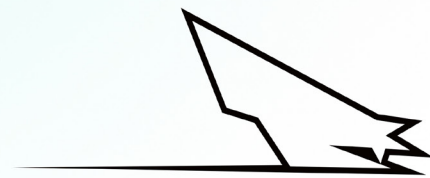
| Interior | | Exterior |
|--------------------------------|--|-------------------------------|
| Classrooms / Quiet areas | | Wellness & Relaxation |
| Play area & Nature-themed room | | Eco-friendly / Outdoor-themed |
| Creative spaces & Explore | | Creativity and Play |
| Art & Music rooms | | Non |
| Play areas & Sports rooms | | Sports & Outdoor activity |



SUSTAINABLE DESIGN



PROJECT 4: CHILDREN ENRICHMENT CENTER



THE GCD CENTER

Honoring the past, dancing toward the future

BY CHUNG JUN KIT
22WVR05810 RAR2

THEATER

SHOP

DROP OFF

GOMBAK CHILDREN CENTER

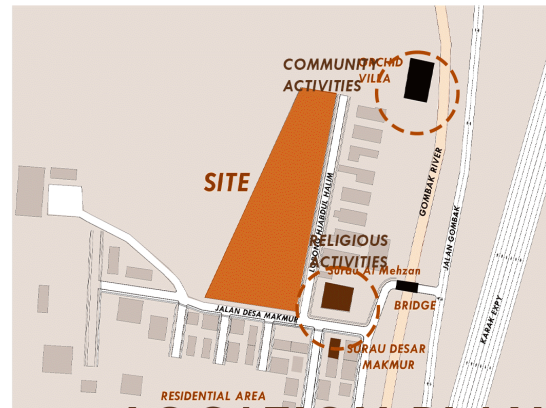
VIEW FROM JALAN DESA MAKMUR

INTRODUCTION

The proposed children's enrichment center for dancing in Desa Makmur, Batu 10, Gombak Selangor aims to nurture a skilled and empowered generation of young dancers. Through dynamic and free dancing exploration, children can experience joy and creative expression within a dedicated space. This center offers a new and exciting outlet for children to learn and invigorates the community by providing a space for relax, interaction, and learn through dance.



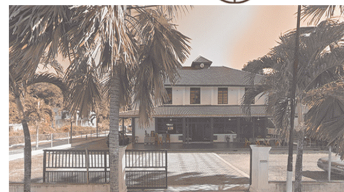
KEY PLAN
NTS



LOCATION PLAN
NTS



1.Orchard Villa



2.Surau Al-Mwhzan



3.Surau Nurul Iman

PROBLEM



Community lacks spaces catering to specific age groups. Proposed site is secluded, making access difficult. Children lose touch with their heritage due to digital distraction

DESIGN STRATEGIES

DANCE CHILDREN CENTER

Propose a modern tropical architectural design for the site, with cultural and interactive dancing programs for leisure and social interaction for children and the community.



DESIGN OUTCOME

CHILDREN ENRICHMENT CENTER

Revitalize Desa Gombak by creating a lively appearance and a sense of community involvement. Enhance its image and add entertainment and leisure features to make it more appealing.

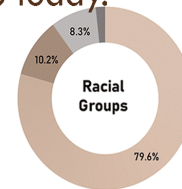
SITE ANALYSIS



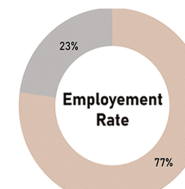
The Architectural style including Malay traditional houses, Malay islamic , modern architecture and morden mix architecture

DEMOGRAPHIC STUDIES

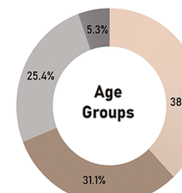
Desa Makmur is a diverse town with a strong sense of community, primarily inhabited by Malays. Its welcoming atmosphere has made it an appealing choice for families and continues to be an affluent suburb today.



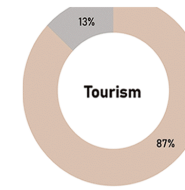
Malay
Chinese
Indian
Others



Employed
Unemployed



0-14
15-29
30-59
60 & above



Domestic
International

TARGET USER

MAIN USER :CHILDREN (6-14)

PARENTS

COMMUNITY



CASE STUDY



1.klpac



2.Mall of Medini (Johor Baharu)



3.Theatre in mexico

OPPORTUNITY

Alternative gathering space for community



STRENGTH



Proposed site features natural
WEEKNESS



Developments in the area result in environmental damage,lack security

The site is only know by few due to its rural location during construction is difficult for heavier vehical due to lack of proper road



PROGRAMME DIAGRAM (MALAY TRADITIONAL DANCE)



Zapin Dance



Joget



Kuda Kepang



MakYong

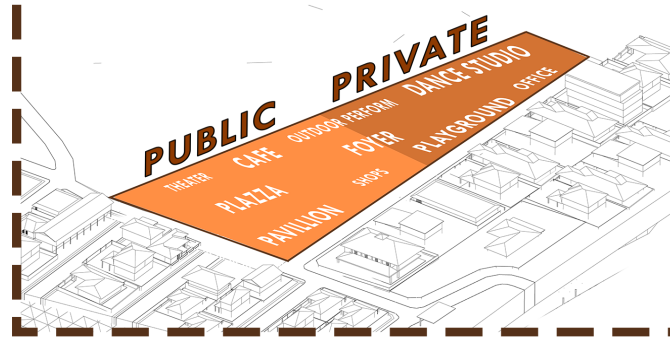


Silat

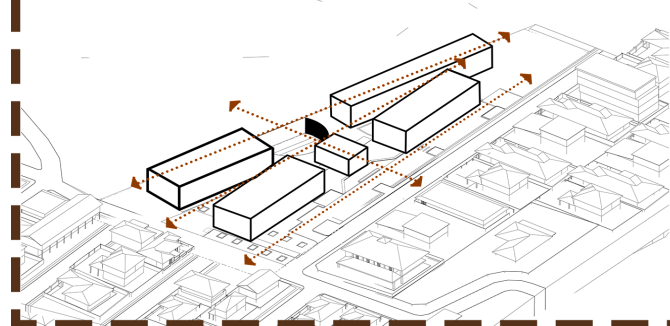
CONCEPT DEVELOPMENT



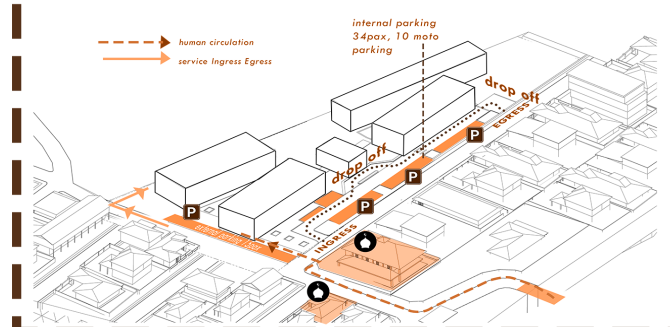
1. SITE CONTEXT



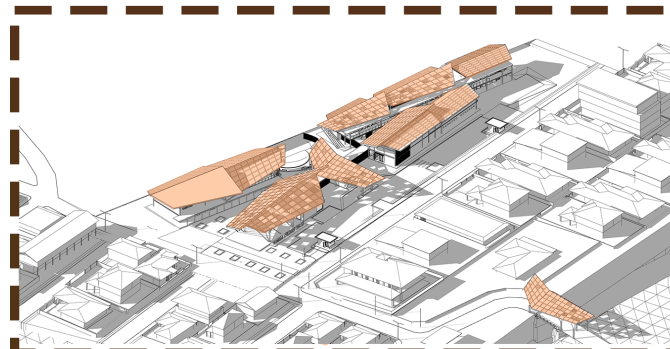
2. ZONING



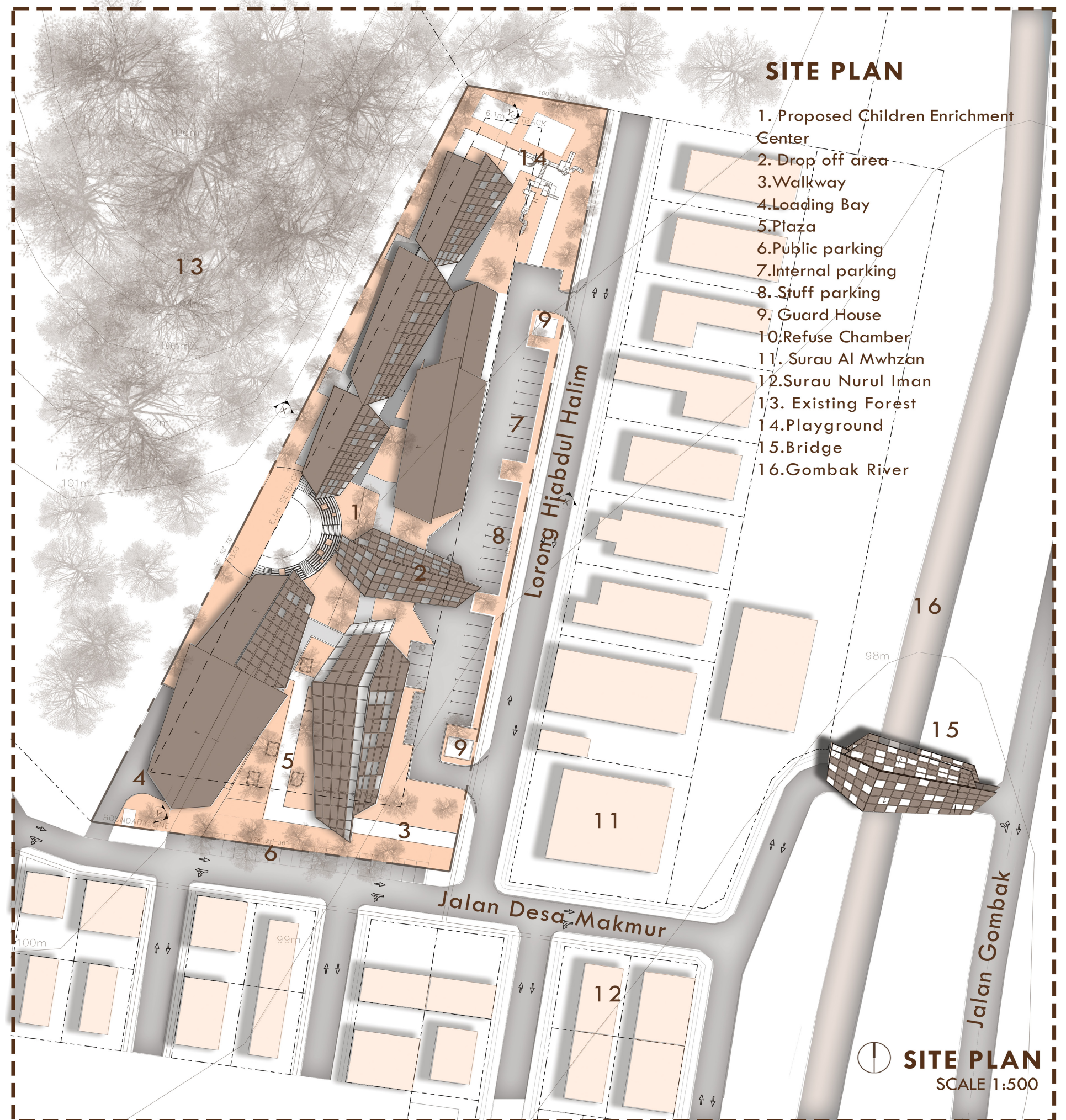
3. MASSING



4. CIRCULATION



5. WELCOMING ROOF



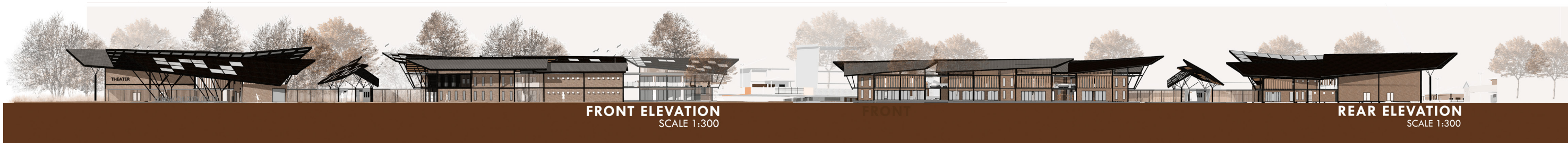
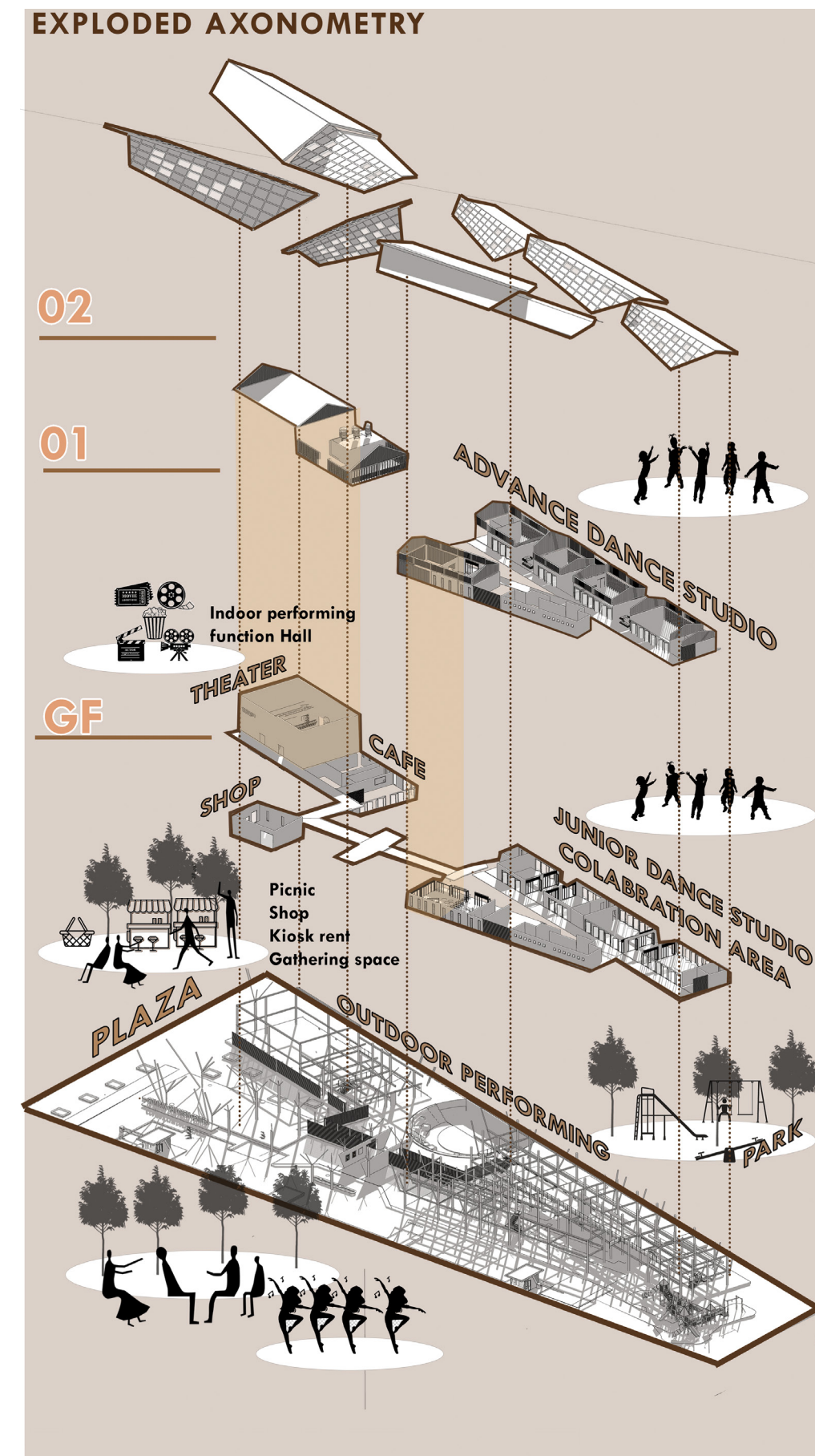


THE ARCHITECTURE
BLENDED SO WELL WITH
THE ENVIROMENT SO
PRETTY!!

WOW!! THIS ZAPIN
DANCE
IS SO INTRESTING I
WANNA LEARN TOO

LETS SHOW THE
VISITOR HOW
ZAPIN DANCE IS
DONE. 123123

VIEW OF OUTDOOR PERFORMING AREA





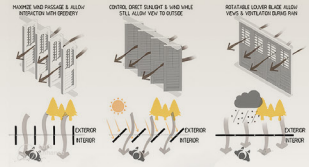
SUSTAINABLE FEATURE

LEARNING AND DANCING ENVIROMENT

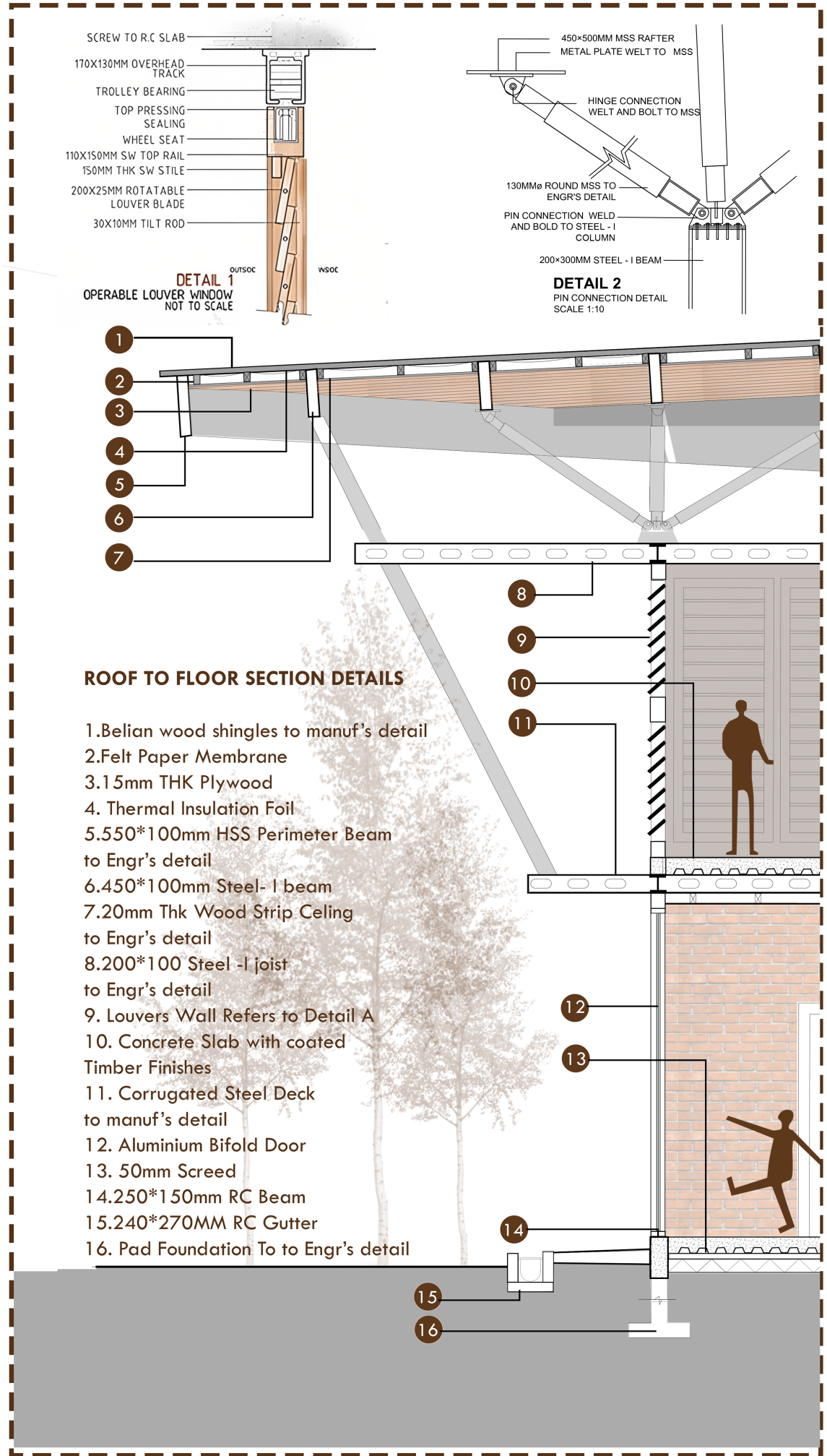
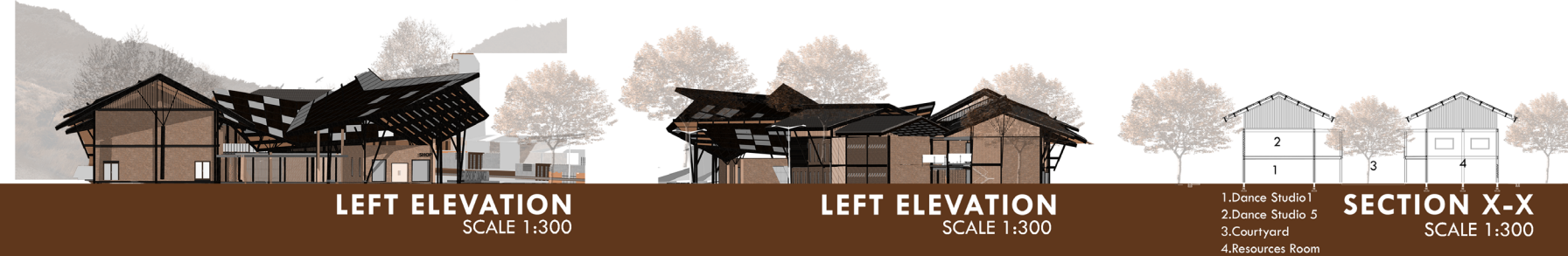
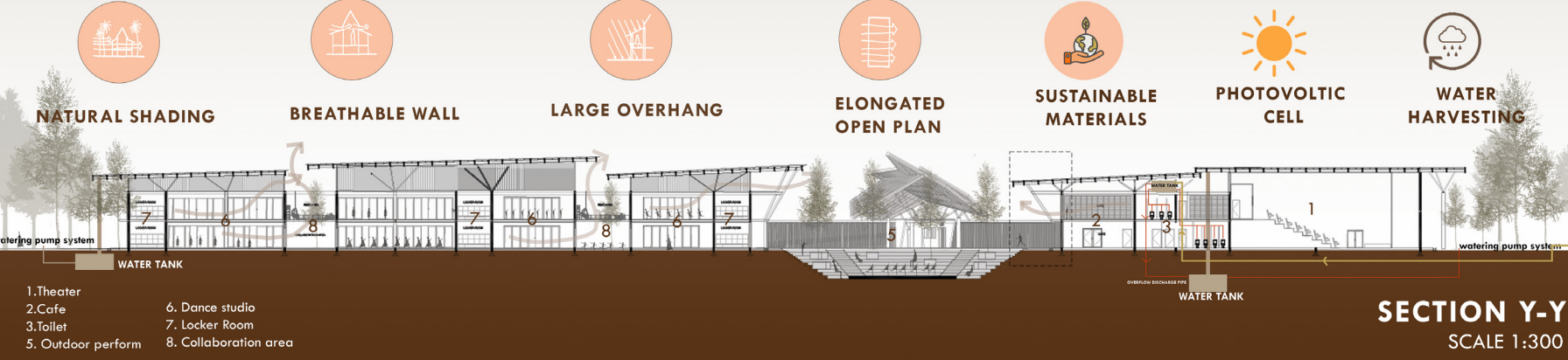
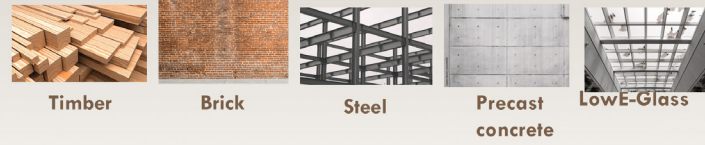
Passive Design
Adopted from Malay Traditional House's sustainable design solution.They emphasize on the building Form, Materials perform cross and stack ventilation. Beside, Low Thermal capacity material also used to minimize heat trapped in the building surface


Technology Products

Using operable louver windows with technology materials can maximize wind passage, control opening size during rain, and offer privacy and security at night. This makes the learning and dancing space more comfortable for users. The space also benefits from



MATERIALS

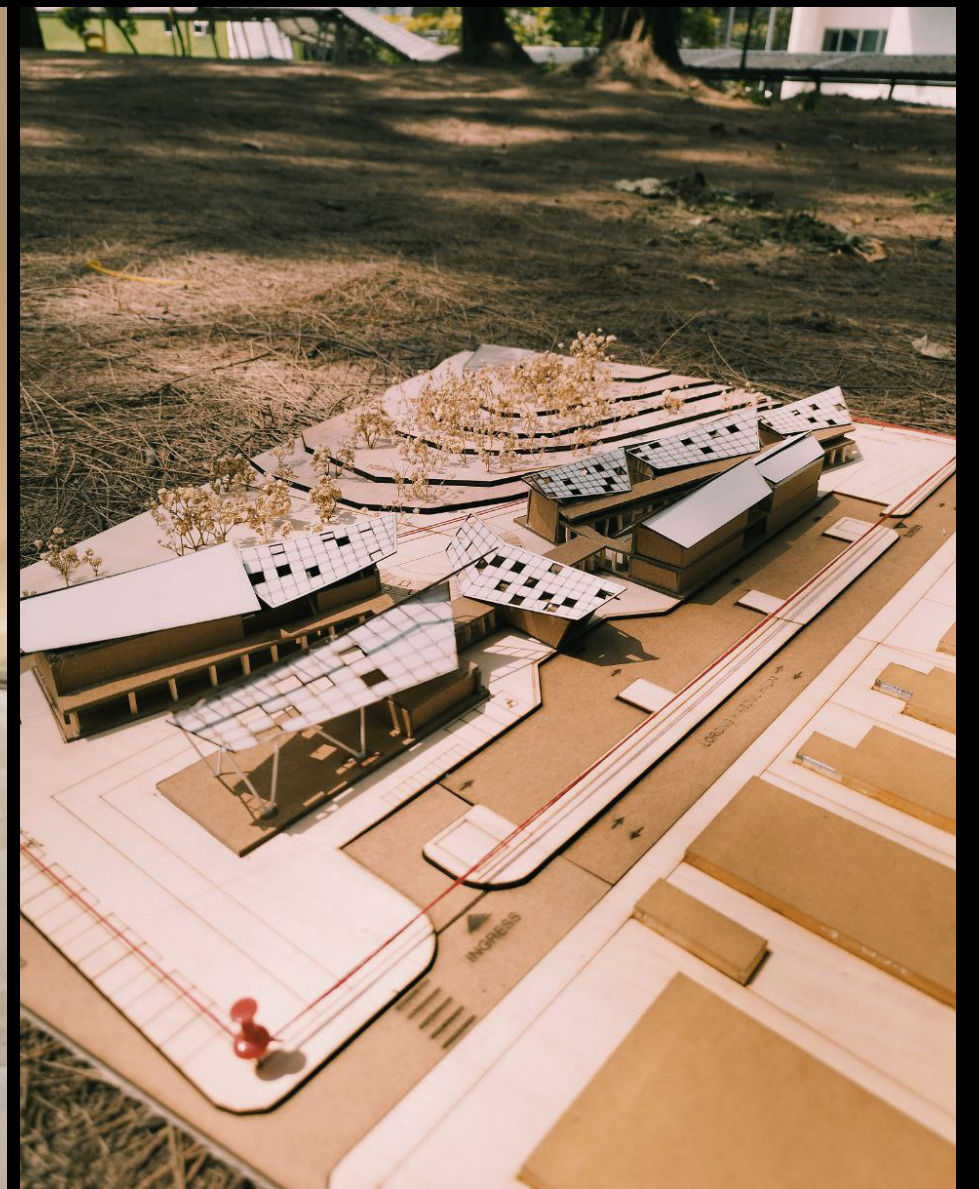




Skylights make dancing better with natural light and connection to outside. Light changes during day for cool vibe. Feels open and free, perfect for dancing

Really like the feeling of the openness to nature. feels relax and calming

VIEW OF DANCING STUDIO



Contact Me

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KUALA LUMPUR, MALAYSIA

