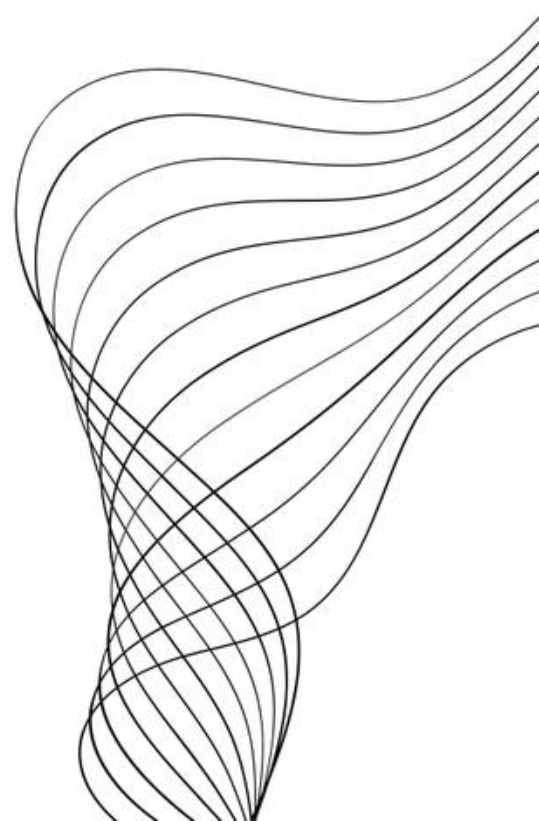


SEM 4 PROJECT 3

TAMAN UNIVERSITI, JB

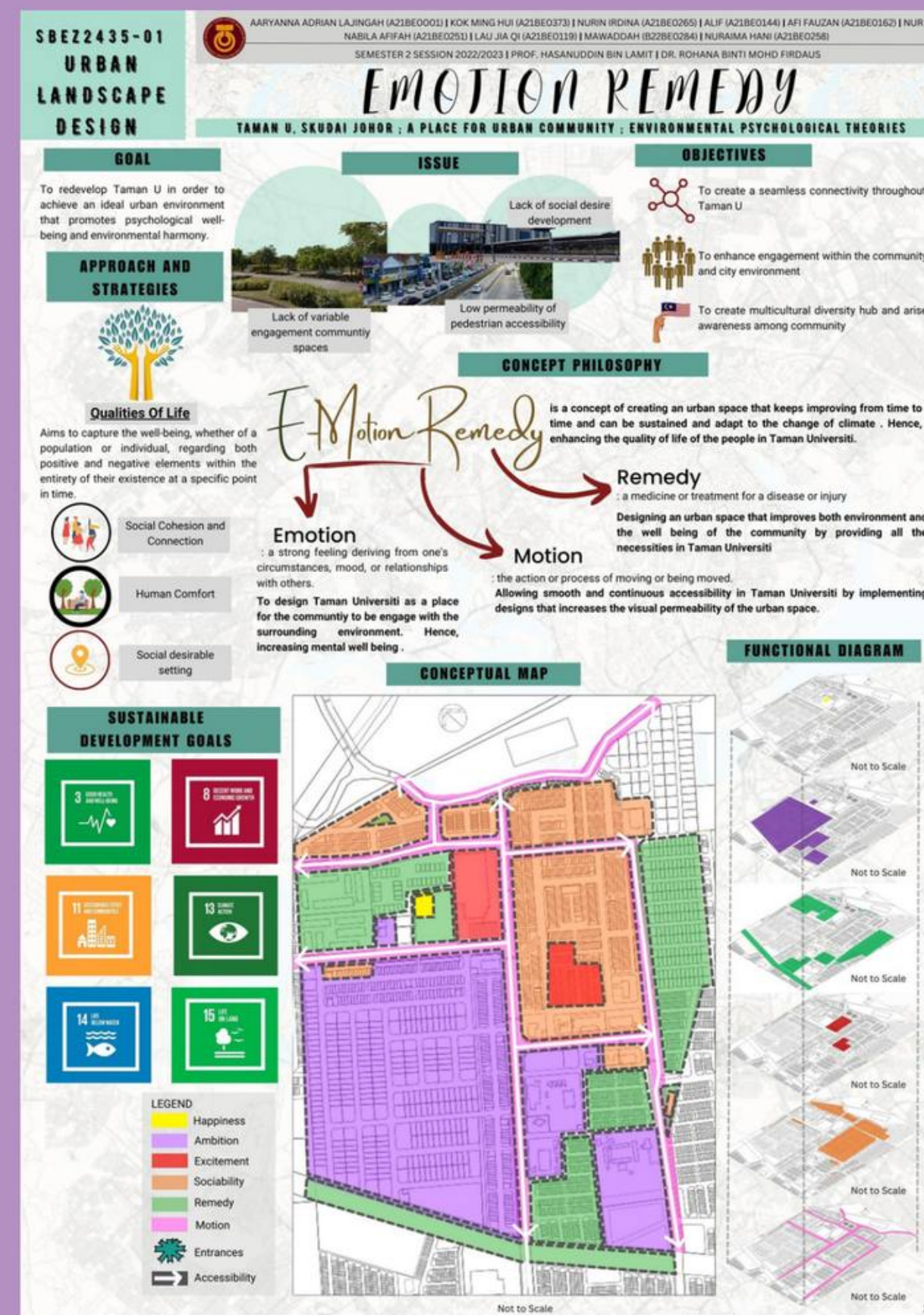
BY KOK MING HUI



GROUP SESSION



In project 3, we are focusing on providing an ideal psychological environment for the local residents and visitors. We are going to resolve the issue in Taman Universiti and enhance the quality of life to improve the sense of place. There are three main theories applied in the project which are prospect and refuge, personal space and social space as well as person environment fit.



To achieve our goal and objectives, the concept that we proposed is Emotion Remedy. Since the landscape design is related closely to the perception of people, a remedy place that provide different emotional experiences can enhance the sense of belonging among the public. For instance, happiness, ambition, excitement, and sociability.



EMOTION REMEDY

TAMAN U. SKUDAI JOHOR : A PLACE FOR URBAN COMMUNITY : ENVIRONMENTAL PSYCHOLOGICAL THEORIES

ICON

Spaces

- Eco-Shelter
- Bicycle Track
- Cyclist Parking
- Playground
- Pedestrian Bridge
- Eco-Trails
- Exercise Area
- Pocket Park
- Multi-sport Game Court
- Roof-top Garden
- Multi-storey Parking
- Rain Garden
- Art Street
- Bazaar
- Hawker Center
- Green Roof
- Indoors
- Multi-functional Spaces
- Median Plantings

Activities

- Cycling
- Zebras crossing
- Urban Farming
- Pedestrian bridge
- Sport and recreation
- Festival/ Celebration

SCHEMATIC PLAN



SPACE PROGRAMMING



The multifunctional pit stop for the users for use motorcycle or bicycles while during rainy

HARDSCAPE CONCEPT

HEAL-LINK TOUR

This concept represent that the hardscape elements at Taman Universiti. Heal-Link (Healing) Tour one of the concept can attract people to visit Taman Universiti because of there a lot of cafe and restaurant at Taman Universiti and it very easy access for the users along with the greenerish that can help the users to feel the tranquility when they explore the area with using the hardscape elements.

HEAL - LINK

To make or become healthy

To join or connect

Taman Universiti with another place like UTM

The road that separate with two type which is for vehicle and also the cycling track and this give a smooth circulation for the users

No	Symbol	Hardscape Name	Materials
1		Bench	Wood Plastic Composite
2		Lampost	Aluminium LED
3		Bulld	Extruded Aluminium
4		Pavers	Molded Clay
5		Fence	Stainless Steel
6		Eco-Shelter	Solar Panel, Aluminium
7		Aesthetic Lighting	LED
8		Pedestrian Bridge	Concrete
9		Bicycle lane	Asphalt, Colour
10		Concrete Seating	Concrete

HARDSCAPE PALLATE

REST_MOTION_ZONE



COMMERCE_MOTION_ZONE



IN_MOTION_ZONE



EDU_MOTION_ZONE



EMOTION REMEDY

TAMAN U. SKUDAI JOHOR : A PLACE FOR URBAN COMMUNITY : ENVIRONMENTAL PSYCHOLOGICAL THEORIES

SOFTSCAPE CONCEPT

HARMONY HAVEN: A THERAPEUTIC OASIS

This concept name implies that the softscape environment was created specifically to encourage good mental health and produce a calming environment. It implies that people interacting with this softscape will sense peace, solace, and rejuvenation, fostering a link between nature and psychological well-being.

HARMONY

Balance and peacefulness

HAVEN

A safe and nurturing environment

A THERAPEUTIC OASIS

- Emphasizes the focus on psychological well-being and the healing properties of the softscape design
- Draws inspiration from the concept of an oasis, which typically represents a lush and refreshing sanctuary in the middle of a barren desert.



Not to Scale



Not to Scale

SOFTSCAPE SELECTION

REST_ZONE_ZONE



Not to Scale

IN_MOTION_ZONE



Not to Scale

COMMERCE_MOTION_ZONE



Not to Scale

EDU_MOTION_ZONE



Not to Scale

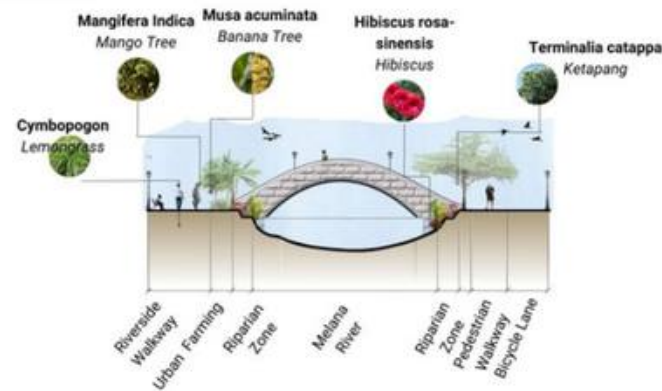
To support our concept (EMOTION REMEDY), we also applied hardscape and softscape based on the function in four different zones to enhance the connectivity and achieve human comfort level. The relevant concepts are proposed in our proposal which are Heal-link Tour and Harmony Haven: A Therapeutic Oasis.



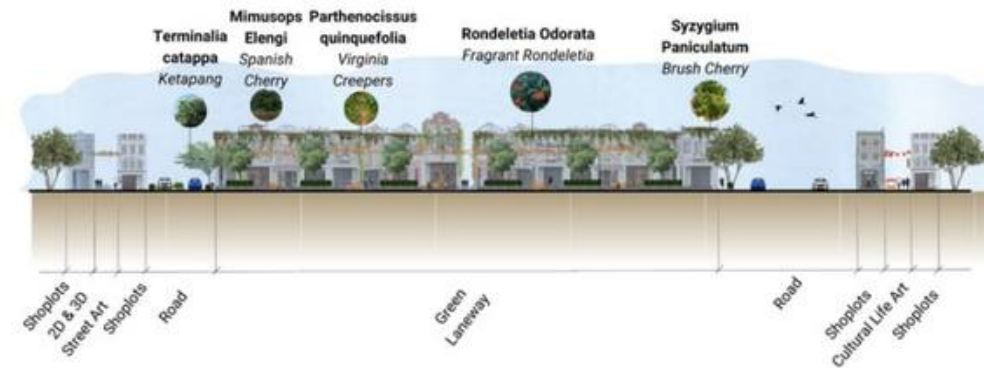
EMOTION REMEDY

TAMAN U. SKUDAI JOHOR : A PLACE FOR URBAN COMMUNITY : ENVIRONMENTAL PSYCHOLOGICAL THEORIES

Section A-A
Scale 1:100



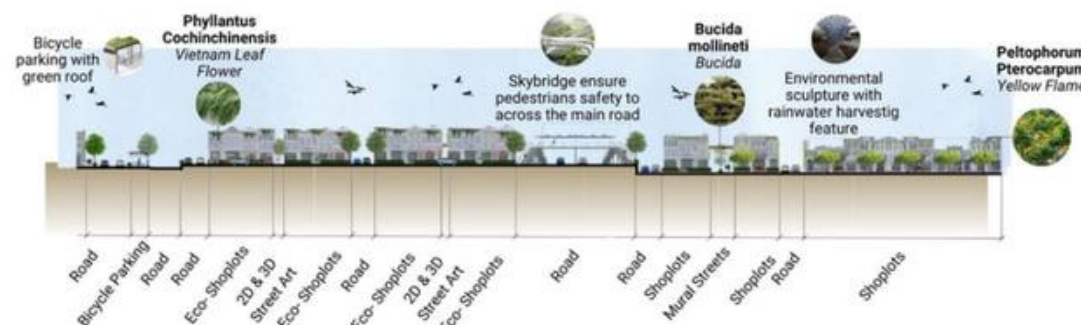
Section B-B
Scale 1:350



Section C-C
Scale 1:250



Section D-D
Scale 1:450



EMOTION REMEDY

TAMAN U. SKUDAI JOHOR : A PLACE FOR URBAN COMMUNITY : ENVIRONMENTAL PSYCHOLOGICAL THEORIES

Section E-E
Scale 1:100



SKETCHES



Gateway of Taman Universiti



Pocket Park



Pedestrian and Cyclist Path



MBIP Park



Pedestrian Bridge



Bus Stop



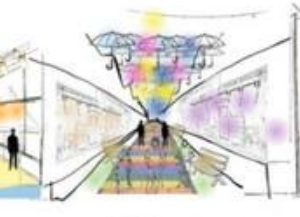
Lepak-Lepak Alley



Playground Area



Cultural life art street



2D & 3D street art



Ngeteh Cafe



Lighting wall



Lighting wall



Green Laneway



Ditch Promenade



Residential Area

INDIVIDUAL SESSION



My detail plan is focusing on the pasar awam in Taman Universiti. To extend the group concept, the concept of my detail plan is E-ureka Remedy. In my plan, I would like to propose a remedy place that expresses happiness to the users.

SBE22435-01

URBAN

LANDSCAPE

DESIGN

KOK MING HUI (A21BE0373)

SEMESTER 2 SESSION 2022/2023 | PROF. HASANUDDIN BIN LAMIT | DR. ROHANA BINTI MOHD FIRDAUS

EMOTION REMEDY: EUREKA REMEDY

TAMAN U, SKUDAI JOHOR: A PLACE FOR URBAN COMMUNITY; ENVIRONMENTAL PSYCHOLOGICAL THEORIES

01

Project Brief

Located in Johor, one of the suburbs of Iskandar Puteri with an overall concept is "Emotion Remedy". The name of Taman Universiti is inspired by Universiti Teknologi Malaysia (UTM). Taman Universiti is important as it is the transition center for Taman Mutiara Rini and Old Pontian Highway. Taman Universiti offers commercial activities, residents' areas and institution opportunities. Taman Universiti encompasses an area of 1,080 acres and consists of a university, shopping mall, residential area as well as variety types of shops and stores.

Key Plan

Located in Johor, Malaysia.

Site Plan: Pasar Awam

Located in Skudai, Johor Bahru

Location Plan

Post code: 81300

Located in Skudai, Johor Bahru

Design Goal

To redesign Pasar Awam in Taman Universiti in order to enhance a psychological social-friendly environment that promote socially engagement and environmental comfort.

SWOT

High exposure location.

Lack of greenery.

Potential to redesign engagement spaces.

Sanitation issue

Design Concept

E-UREKA Remedy

Eureka remedy is a remedy (recharging method) about activities that bring happiness and comfort such as eating happiness, social interaction happiness, greenery comfort and environment comfort.

Design Objectives

1. To create community engagement spaces and enhance the relationship between community.

2. To improve human comfort by proposing green infrastructure.

Target Users

Residents

Vendors

Concept Philosophy

Represent "Emotion", showing the design of detailed plan including strong feeling of individual such as sense of place, happiness, excitement and sociability.

Universal design for mostly social communities such as different ethnic and, different ages community.

Approach and Strategies

Express the happiness emotion due to external comfort environment that fulfill the feeling of users.

Eureka Remedy

A remedy environment improve or "treat" the community in term of physically and mentally.

Universal environment designs are suitable for most users and social communities. The universal environment can be visited and accessed by mostly the community. The design is users' friendly as well as providing functional spaces for users. The environment practices a therapeutic atmosphere by proposing engagement spaces and enhancing green infrastructure including greenery spaces.

Social Cohesion and Connection

Green Infrastructure

Universal Environment Design

SBE22435-01

URBAN

LANDSCAPE

DESIGN

KOK MING HUI (A21BE0373)

SEMESTER 2 SESSION 2022/2023 | PROF. HASANUDDIN BIN LAMIT | DR. ROHANA BINTI MOHD FIRDAUS

EMOTION REMEDY: EUREKA REMEDY

TAMAN U, SKUDAI JOHOR: A PLACE FOR URBAN COMMUNITY; ENVIRONMENTAL PSYCHOLOGICAL THEORIES

02

Space Programming

SDG

Icons

Spaces:

Eco-Shelter

Eco-Green Roof

Eco-Information Board

Eco-recycling area

Robustness Multifunctional Spaces

Malay Hawker Center (Night)

Re-rain Garden

Re-Fragrant Garden

Re-Bamboo Garden

Re-Zen Garden

Activities

Eating

Sitting

Commercial

Jogging

Schematic Plan

Eu means well, good or true. In softscape, Eu is defined by using a suitable softscape on the site based on site condition.

Softscape

Eu-oasis

Eu means well, good or true. In softscape, Eu is defined by using a suitable softscape on the site based on site condition.

Hardscape

Eu universal

Functional Diagrams

Social Zone:

Green Infrastructure Zone:

Daytime Activities:

Nighttime Activities:

Daytime Circulation:

Nighttime Circulation:

Table 1: Softscape

NO	SYM	SCIENTIFIC NAME	COMMON NAME	NOS	NOTE
1		Bambusa vulgaris	Common Bamboo	17	Shading P.
2		Andropogon imbricatus	Brown Heart	39	Shading P.
3		Syzygium paniculatum	Brush Cherry	24	Shading P.
4		Polypodium polypodioides	Yellow Palm Tree	8	Shading P.
5		Tabebuia rosea	Trumpet Tree	25	Aesthetic
6		Pometia "Bai Hai Gold"	Yellow Frangipani	3	Aesthetic
7		Pometia rubra	Red Frangipani	5	Aesthetic
8		Pometia obtusa	White Frangipani	9	Aesthetic
9		Brugmansia glabra	Paper Flower	6	Aesthetic
10		Cananga odorata	Ylang-ylang	8	Fragrant P.
11		Polea latifolia	Agave Amica	48	Fragrant P.
12		Jasminum officinale	Common Jasmine	46	Fragrant P.
13		Euphorbia pulcherrima	Devil's Ivy	-	Green Curtain
14		Zoysia tenuifolia	Zoysia	-	Lawn
15		Chlorophytum comosum	Spider Plant	-	Rain Garden
16		Heliconia amara	Bird Of Paradise Flower	-	Rain Garden
17		Heliconia amara	Common Sunflower	-	Rain Garden
18		Cyperus papyrus	Paper Reed Plant	-	Rain Garden

Table 2: Hardscape

NO	SYM	REF IMAGE	HARDSCAPE NAME	MATERIALS	NOS	NOTE
1			Jute Pavement	Jute fiber, Bitumen	-	Sustainable D.
2			Pavement	Brick	-	Sustainable D.
3			Road	Asphalt	-	Sustainable D.
4			Re-Bamboo Garden's Pavement	Stone, Tiles	-	Sustainable D.
5			Pedestrian Pathway	Small Stone	-	Sustainable D.
6			Garden Pathway	Timber	-	Sustainable D.
7			Eco-shelter	Stainless Steel	5	Sustainable D.
8			Eco-bridge	Bamboo	1	Sustainable D.
9			Bamboo Shield	Bamboo	4	Sustainable D.
10			Lighting	Coated Steel	9	Users-friendly
11			Boiler	Stainless Steel	26	Users-friendly
12			Benches	Timber	33	Users-friendly
13			Table	Stone	1	Users-friendly
14			Foldable Flower Chair	Recycled Plastic, Coated Steel	5	Users-friendly
15			Movable Chairs and Tables	Aluminum	-	For night hawker center

EMOTION REMEDY: EUREKA REMEDY

TAMAN U, SKUDAI JOHOR; A PLACE FOR URBAN COMMUNITY; ENVIRONMENTAL PSYCHOLOGICAL THEORIES

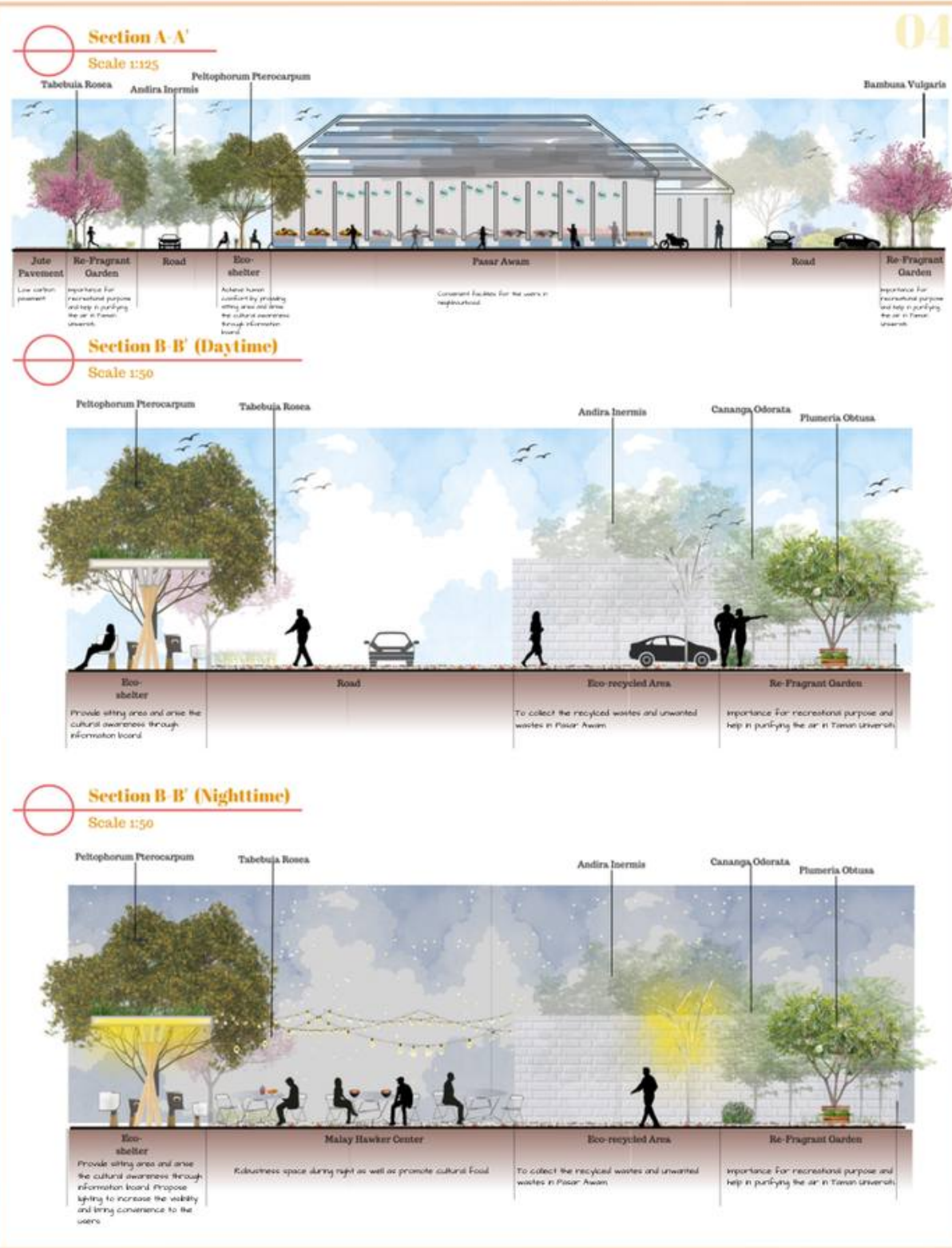


A therapeutic urban landscape that integrates ecological design and sensory experiences to enhance emotional well-being and community interaction in a public market environment.



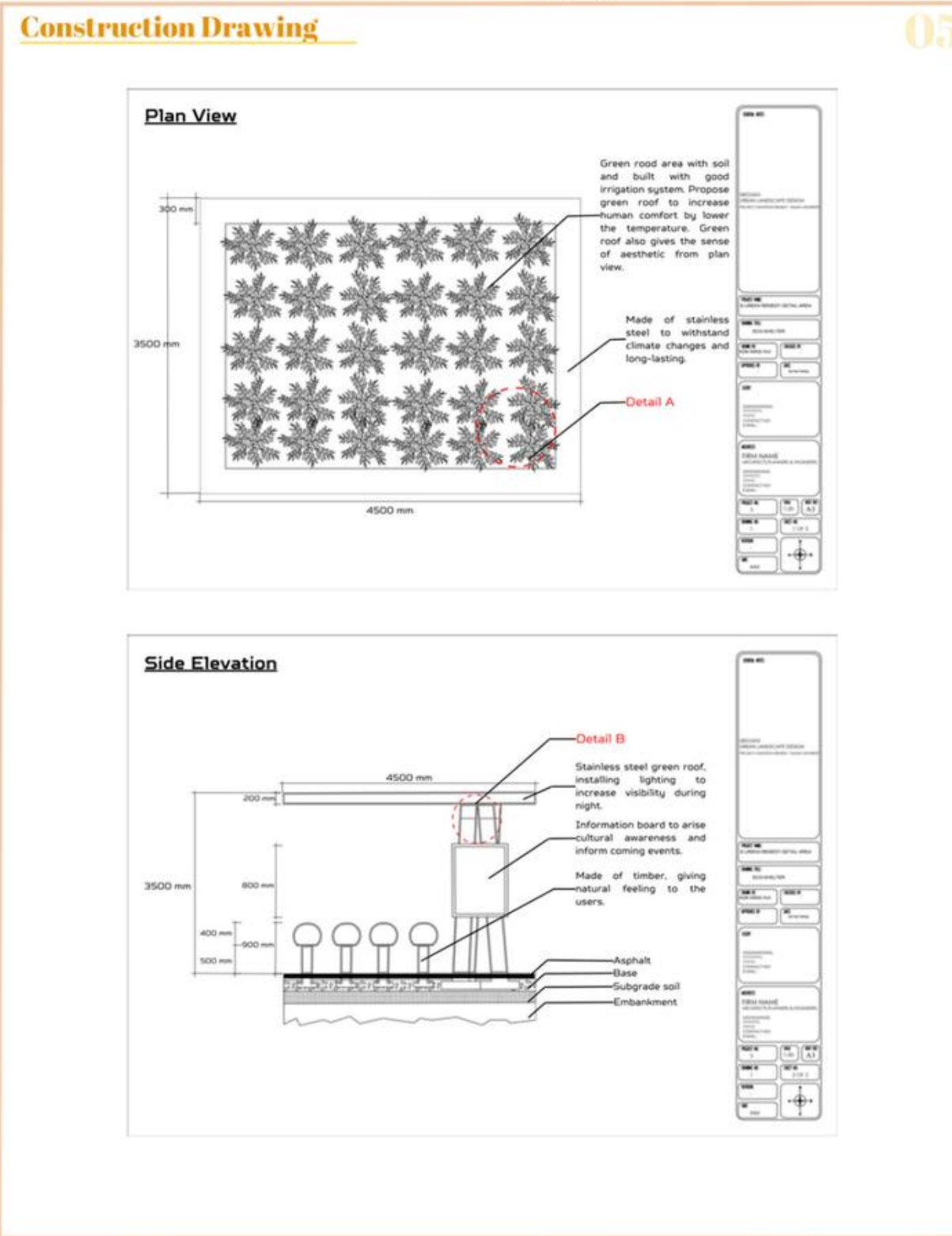
EMOTION REMEDY: EUREKA REMEDY

TAMAN U. SKUDAI JOHOR : A PLACE FOR URBAN COMMUNITY : ENVIRONMENTAL PSYCHOLOGICAL THEORIES



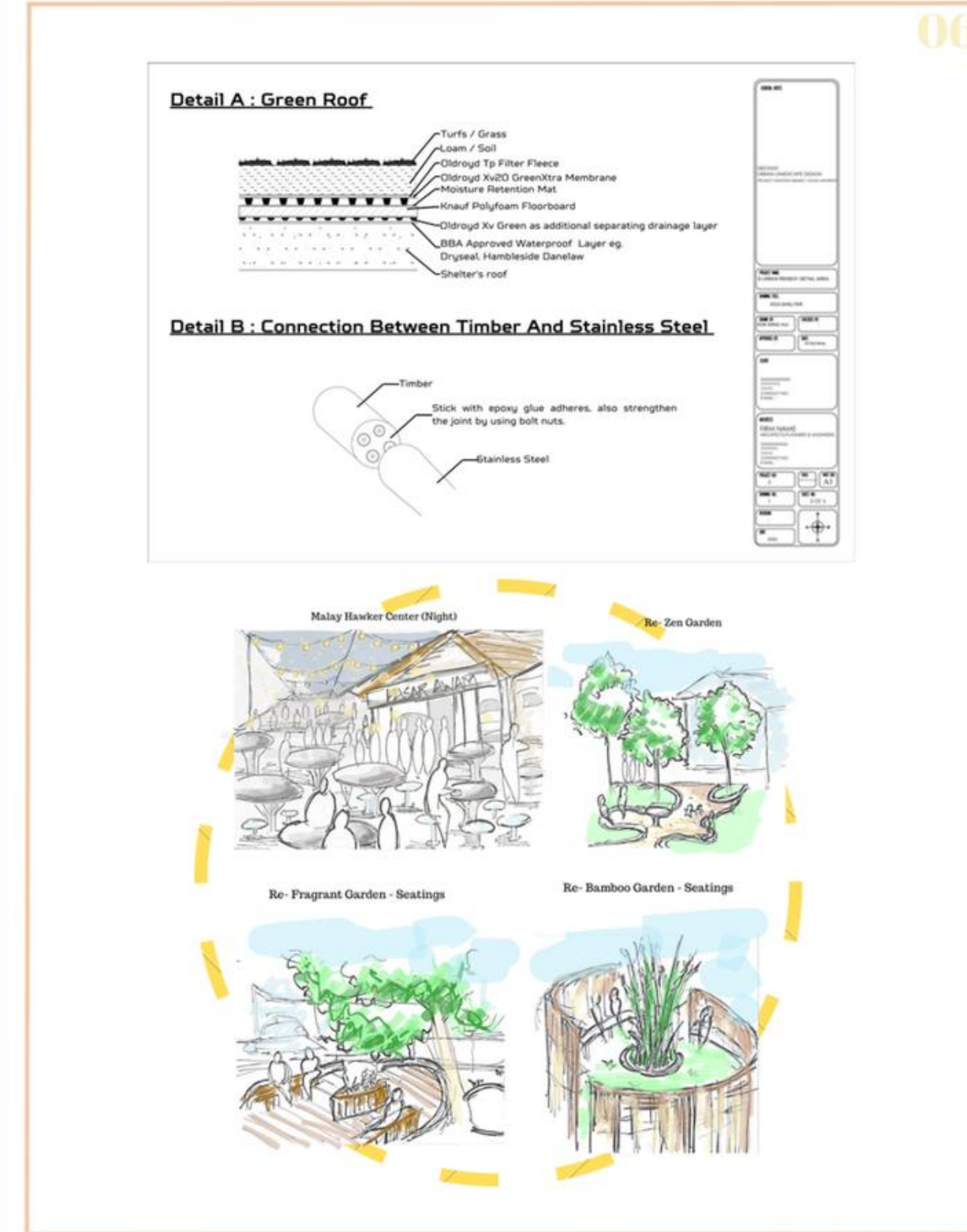
EMOTION REMEDY: EUREKA REMEDY

TAMAN U. SKUDAI JOHOR : A PLACE FOR URBAN COMMUNITY : ENVIRONMENTAL PSYCHOLOGICAL THEORIES



EMOTION REMEDY: EUREKA REMEDY

TAMAN U. SKUDAI JOHOR : A PLACE FOR URBAN COMMUNITY : ENVIRONMENTAL PSYCHOLOGICAL THEORIES



In section, I would like to show the differences between day time and night time.

Showing the construction drawing of eco-shelter and details through sketches.