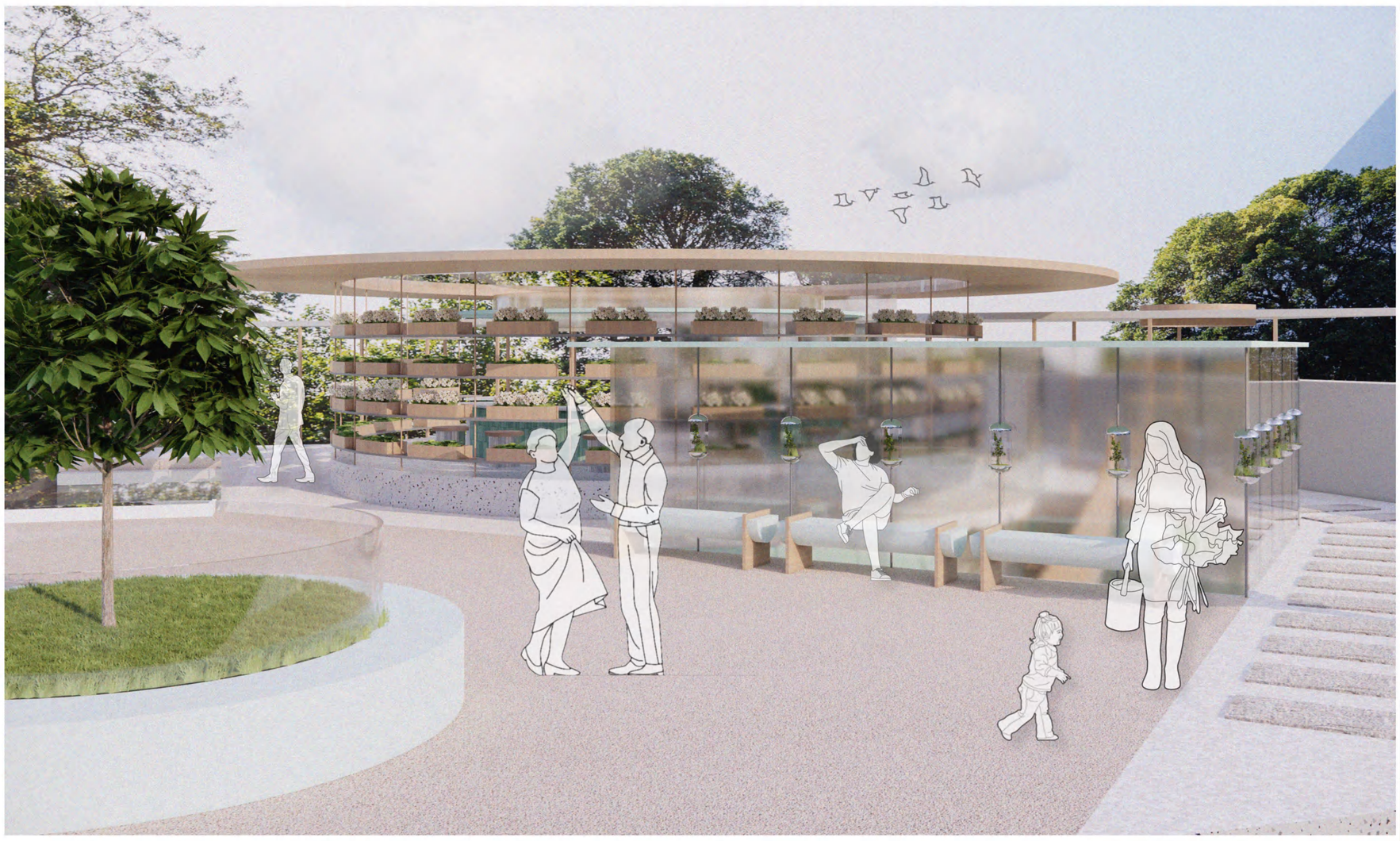


Waste Collection Area

Retail Store

Service Window

RE BONDING

LIU MEIXU IDN6C

01 PROJECT CONCEPT

Re-Bounding is a community space that reconnects younger and elderly generations through recycling, crafting, planting, and movement. By redefining boundaries between age groups through shared activities and spatial overlap, it fosters mutual learning, encourages participation, and cultivates an inclusive intergenerational community.

03 TARGET AUDIENT

ELderly Residents

Young Residents

Teenagers

04 PROPOSED PROGRAMS

Recycling

Planting

Crafting

Excercising

05 PROJECT STRATEGY

The project adopts a strategy centred on reuse, making, planting, and movement as shared actions. By collecting and transforming discarded materials, everyday processes become
visible platforms for interaction. Elderly users contribute experience and care, while younger participants engage in hands-on activities that reduce digital reliance. Through this, the design establishes a framework for communication grounded in participation rather than formal programming.

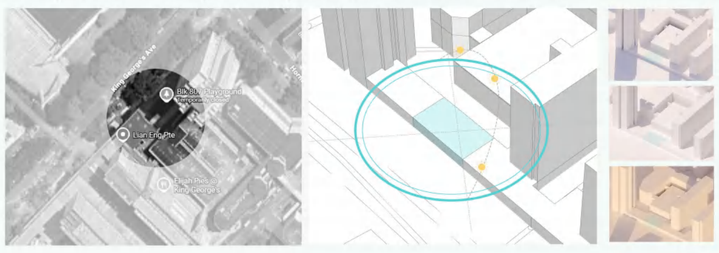
07 CASE STUDY

The Hong Kong East Community Green Station is one of the first Community Green Stations in Hong Kong to implement the "reduction first" waste management strategy, as a pilot project for promoting green living and collection of recyclables at the community level. Instead of a traditional rubbish collection point, the Station is designed as a positive asset to the local area.

The Zuev Workers' Club is defined by intersecting geometric forms, where a transparent cylindrical stair tower cuts through a solid rectilinear mass. This contrast highlights movement and circulation, with the exposed glass revealing internal activity, expressing the dynamic, industrial character of Constructivist architecture.

02 SITE ANALYSIS

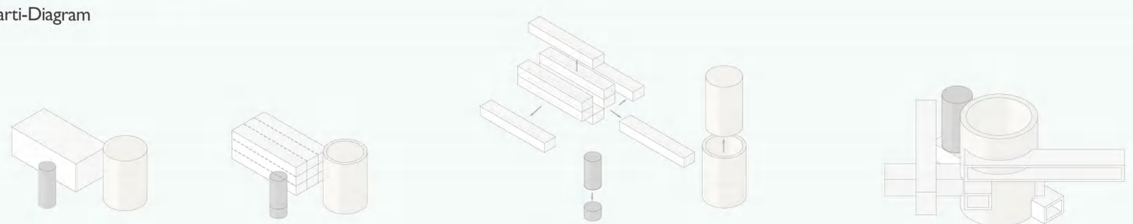
The site is located at Block 803 King George's Road within a lower-income HDB residential area. It is currently underutilised both spatially and socially. Elderly residents occupy the space but engage mainly in passive activities with limited interaction. Younger users are largely absent, resulting in minimal cross-generational exchange and a fragmented, low-activation environment.



Young people show limited interaction with the elderly within the site. Meanwhile, older adults have a clear need for physical activity but are often observed sitting idly, indicating underutilized potential for engagement and movement.

06 DESIGN CONCEPT

Parti-Diagram


Initial Volume

Cut

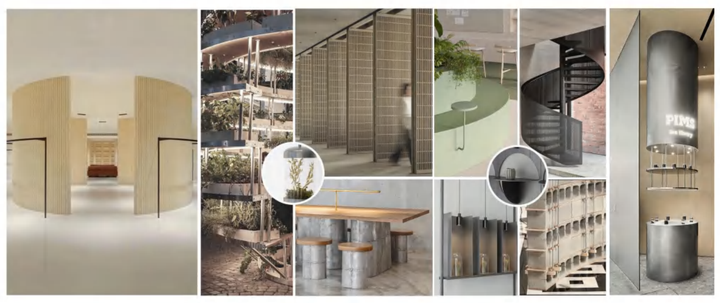
Subtraction

Rotation & Merging

Concept Model

Development Model

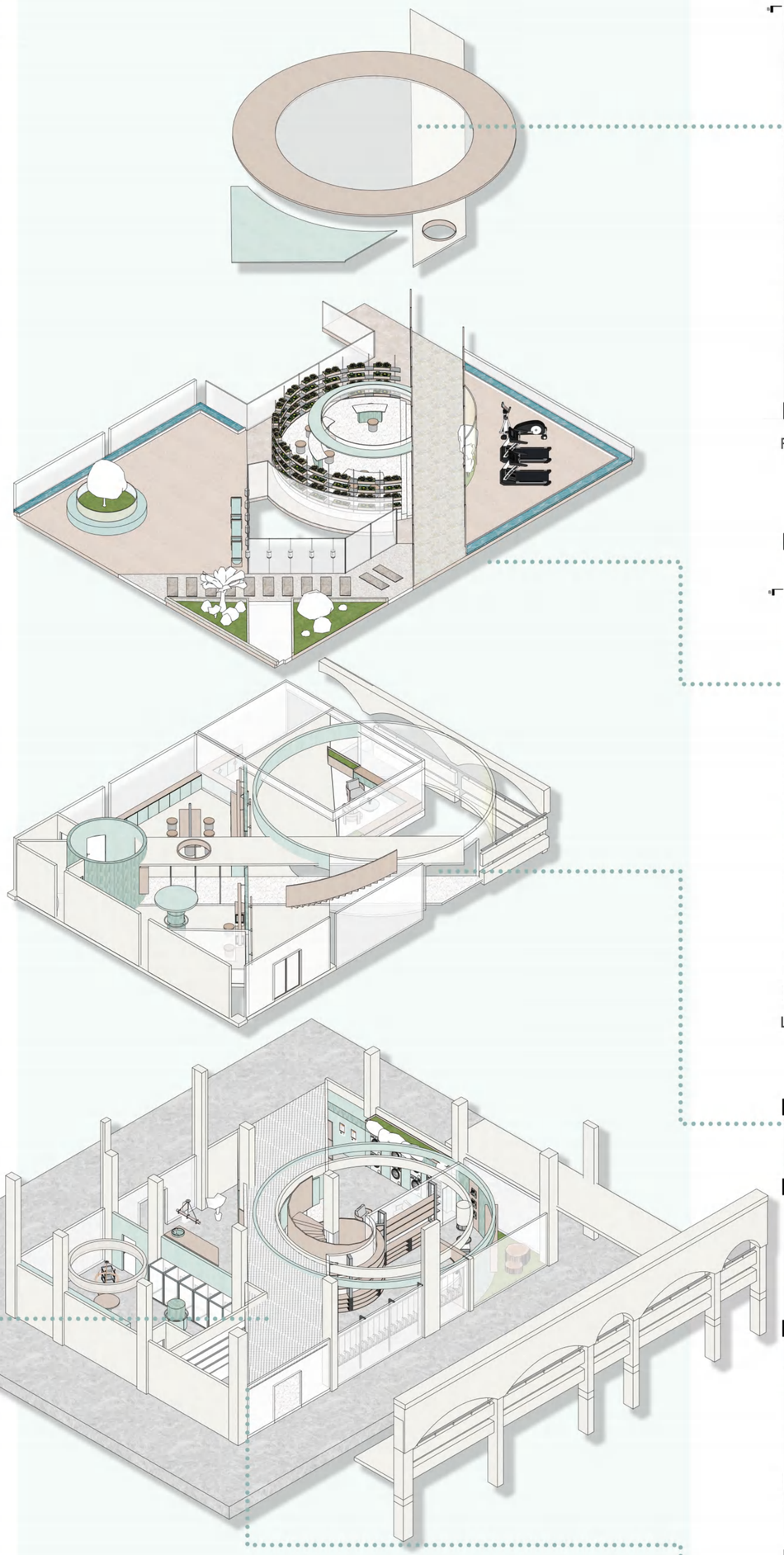
08 MOOD BOARD



09 MATERIAL BOARD

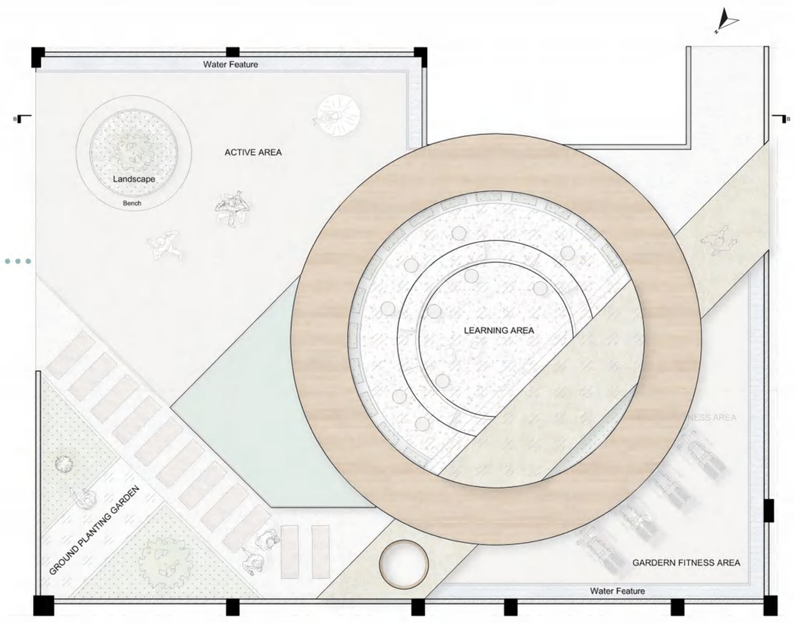
1. Green Mosaic Tile
2. Light Green Emulsion Paint
3. Frosted Glass
4. Natural Stone
5. Brushed Stainless Steel
6. Apricot Textured Finish Paint
7. Grey Concrete

10 EXPLODED ISOMETRIC

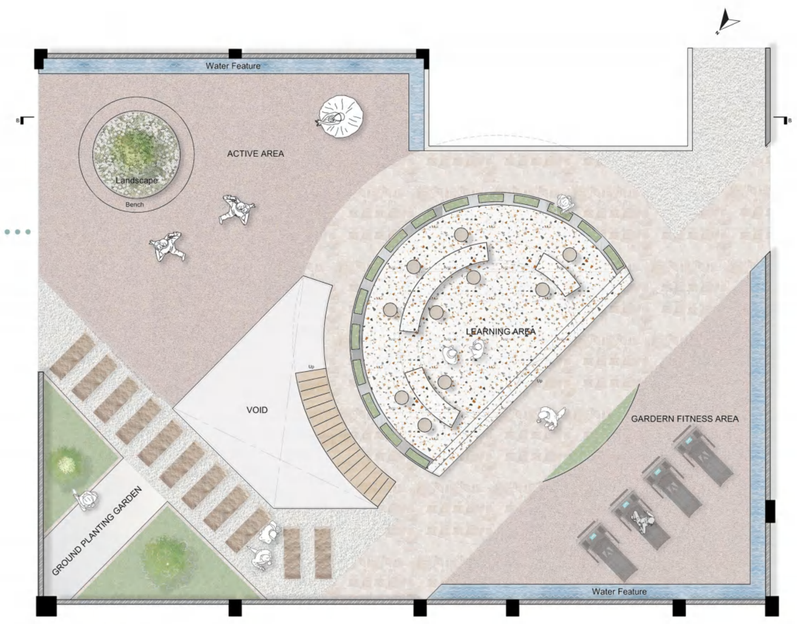


11 LAYOUT PLAN

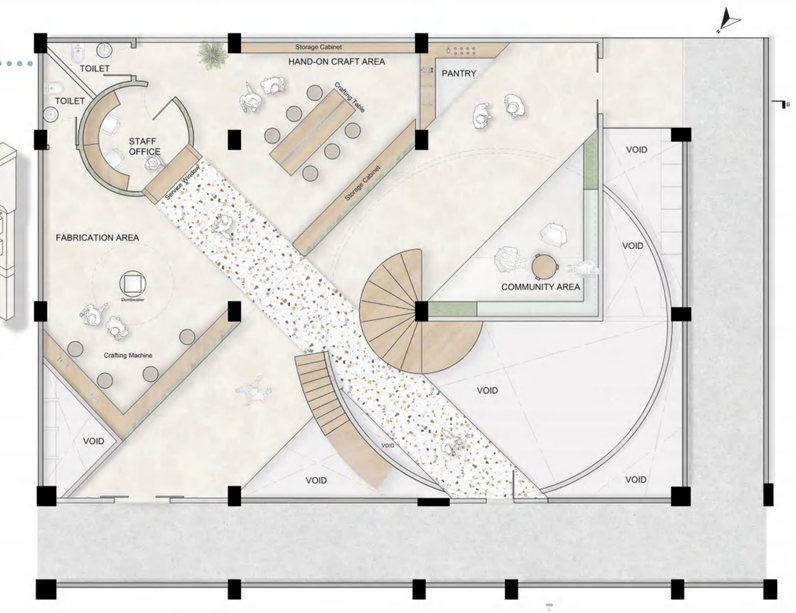
The design spans three levels, distributing key functions to support diverse activities across the project. Each level responds to different user needs, while maintaining visual and spatial connections that encourage movement, interaction, and continuity throughout the space.



ROOF PLAN 1:100

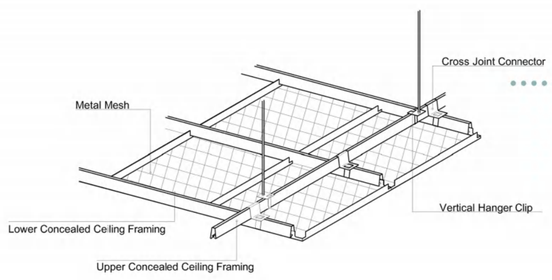


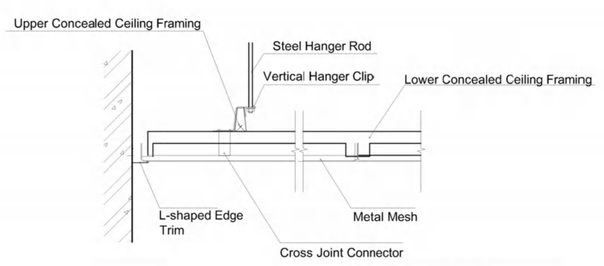
LEVEL 3 LAYOUT PLAN 1:100

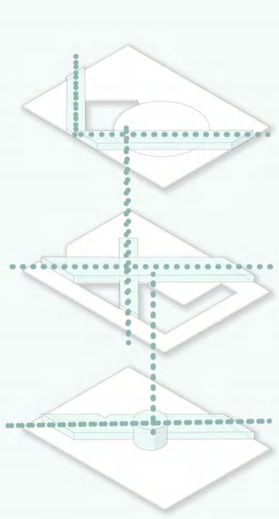


LEVEL 2 LAYOUT PLAN 1:100

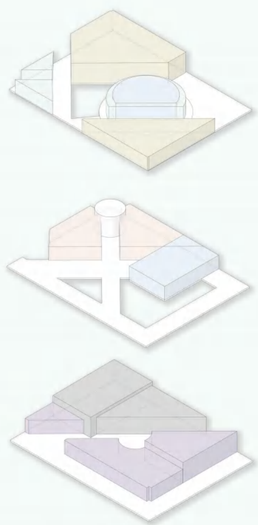
12 DETAIL DRAWING







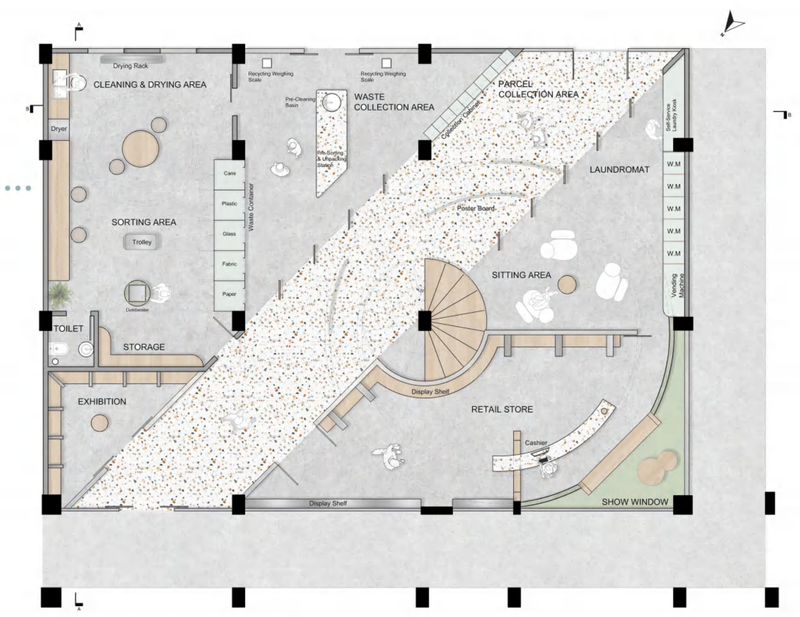
Primary Circulation



Program Zoning Area

LEGEND

- Planting Area
- Community Space
- Excercising Area
- Crafting Area
- Engagement Area
- Recycling Area



LEVEL 1 LAYOUT PLAN 1:100