

SITE C JALAN TUKANG BESI

## THE RECYCLOCITY ; GREEN

IS PLANNED TO BE OFF-THE-GRID USING SOLAR ORIENTATION, PASSIVE COOLING,  
CAN GENERATE INCOME

ACT AS AN EDUCATIONAL LEARNING HUB / WORKSHOPS

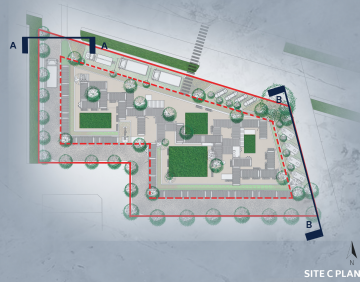
THERE ARE ALSO SOME PROPOSED ACTIVITIES WHICH I CONSIDERED THEM AS  
PART OF THE DESIGNED LANDSCAPE. THEY ARE OPEN - AIR THEATRE DURING  
NIGHT, A LINEAR GARDEN OR PARK

THE INTERNAL CONNECTION BETWEEN SPACES AND USERS' CIRCULATION IS  
AN ABSOLUTELY ESSENTIAL ATTRACTION

RE-USE OF SHIPPING CONTAINERS IN ORDER TO CREATE THE STRUCTURE OF A  
BUILDING

DUE TO THEIR CONVENIENT SIZE, SHIPPING CONTAINERS ARE WELL- SUITED  
FOR USE IN HOUSES AND THEIR APPEAL LIES IN THEIR APPARENT SIMPLICITY

THIS WILL BE THE RESULT OF A SEARCH FOR TECHNICAL, AESTHETIC AND  
FUNCTIONAL INNOVATION



SITE C PLAN  
SCALE 1:100



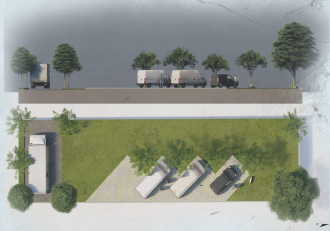
LANDSCAPE AXONOMETRIC DIAGRAM A - A  
VIEW FROM THE FRONT SIDE TO SITE C



LANDSCAPE AXONOMETRIC DIAGRAM B - B  
VIEW FROM THE RIGHT SIDE TO SITE C



URBAN SECTION A - A  
VIEW FROM THE FRONT SIDE TO SITE C



URBAN SECTION B - B  
VIEW FROM THE RIGHT SIDE TO SITE C



PERSPECTIVE VIEW  
VIEW FROM THE BACK PART OF SHAPLOTS TO SITE C







SLIDES (HIGH DENSITY POLYETHYLENE)

SOLAR GLASS

STAIRS (EXPANDED METAL MESH)

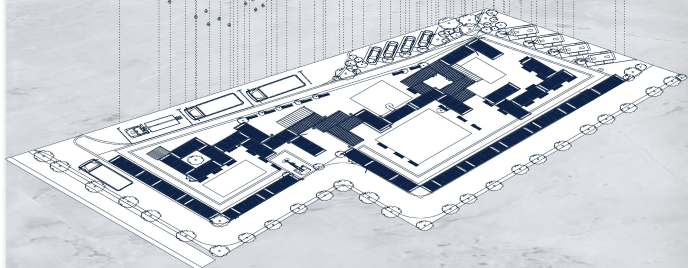
REFURBISHED SHIPPING CONTAINERS

AWNINGS (VINYL FABRICS)

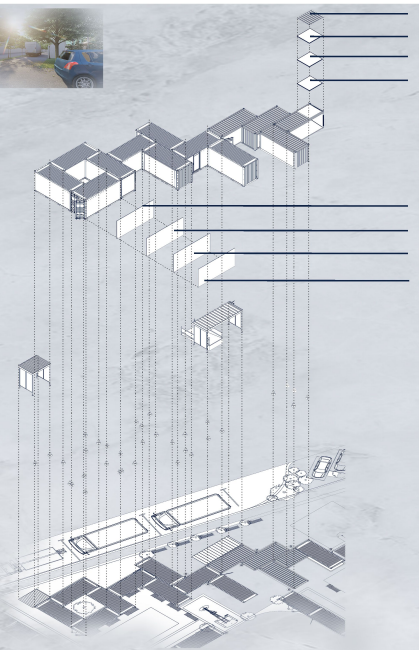
RAMPS (ALUMINIUM)

STEEL FRAMES

SHALLOW FOUNDATION (PAD FOOTINGS)



EXPLODED AXONOMETRIC DRAWING  
SCALE 1:400



ROOF SECTIONAL DETAIL  
SCALE 1:500

CORRUGATED MS SHEET (DOUBLE - RIBBED ROOFING SHEET)

WOOD WOOL INSULATION

FALSE CEILING WITH WATER PROOF MDF BOARD

LINER

WATERPROOF MDF FINIS

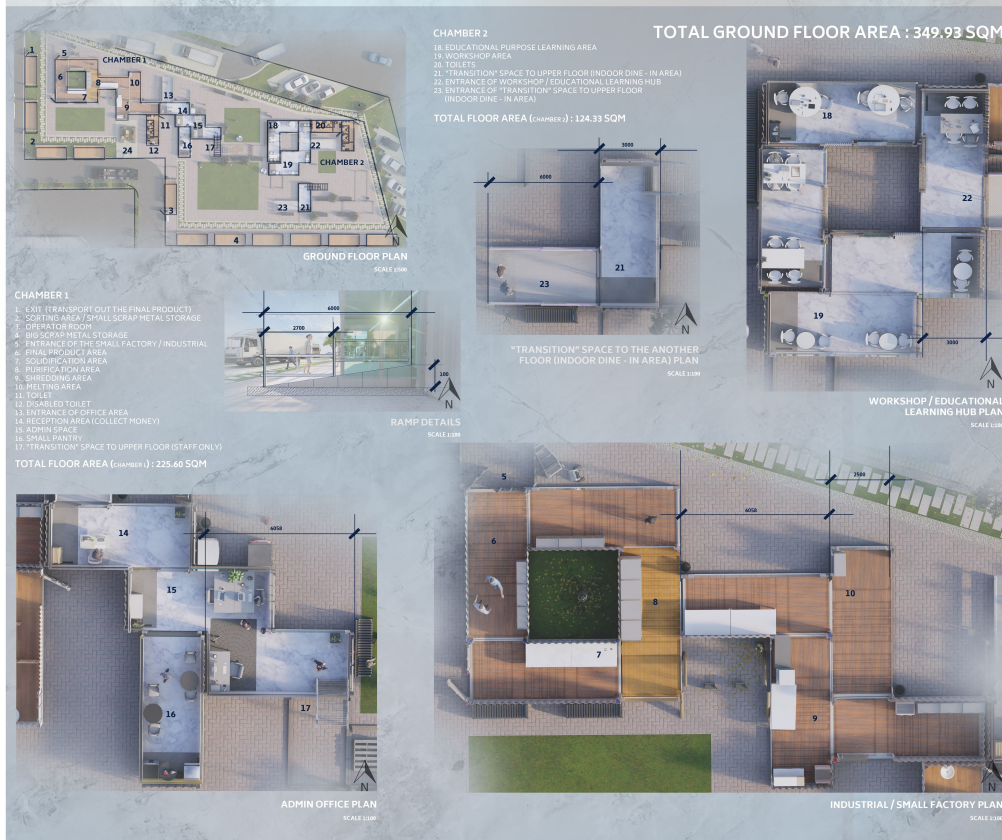
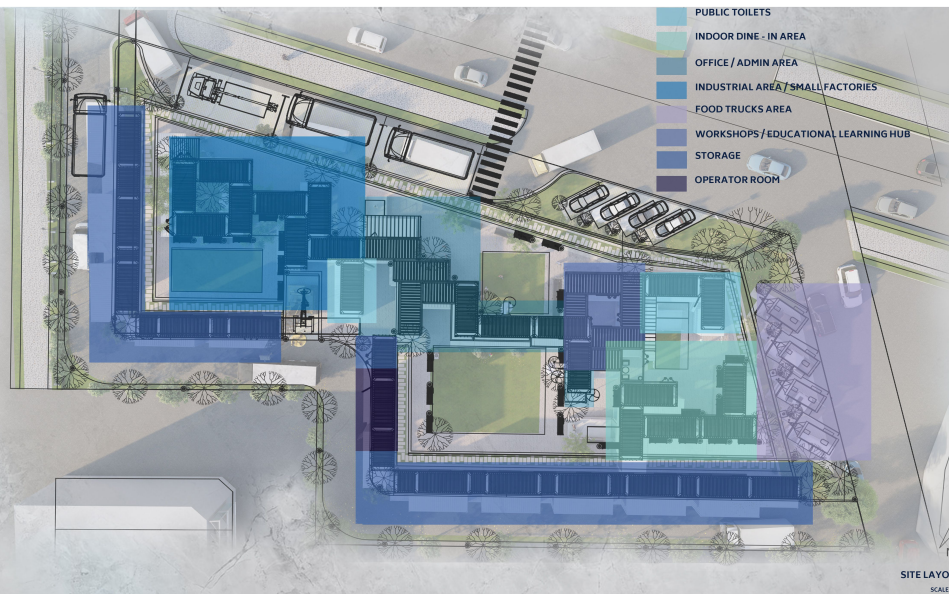
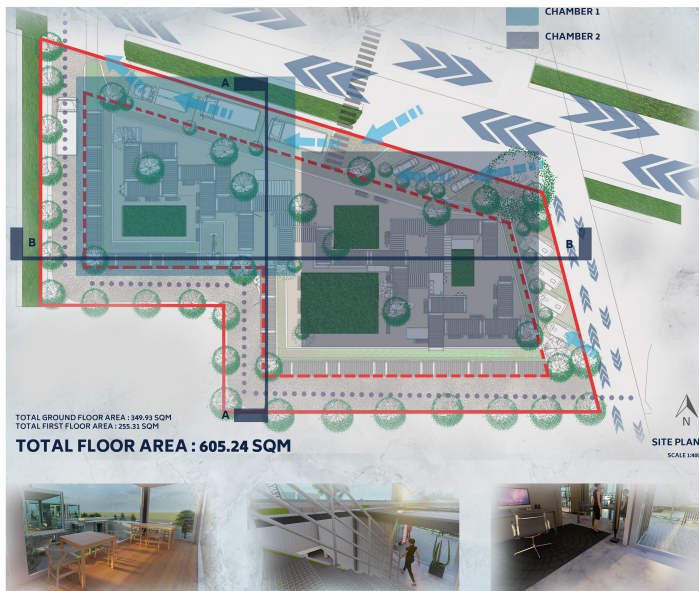
WATERPROOF MDF BOARD

CORRUGATED METAL SHEET  
(METAL FURRING WALL FRAMING SYSTEM)

FICEM BOARD FINISHED WITH WATER BASED  
ANTI - BACTERIAL PAINT









**PRINCIPLES OF DESIGN**

1. ASYMMETRICAL
2. VISUAL BALANCE
3. UNITY

**ELEMENTS OF DESIGN**

1. SHAPE
2. PLANE
3. TEXTURE
4. COLOUR
5. LINE

**SPATIAL RELATIONSHIP**

1. ADJACENT SPACES

**SPATIAL ORGANIZATION**

1. LINEAR ORGANIZATION

**SPACE RELATIONSHIP**

1. PASS BY SPACES

**CONFIGURATION OF PATH**

1. LINEAR

**ENTRANCE**

1. PROJECTED ENTRANCE

**APPROACH**

1. FRONTAL
2. CURB-SIDE

**VISITOR CIRCULATION**  
SCALE 1:1200

**ACTIVE SYSTEM**

1. EFFICIENT AIR CONDITIONING
2. LED LIGHTING

**PASSIVE SYSTEM**

1. SHADING WITH TREES AND PATTERNS
2. NATURAL VENTILATION

**NATURAL MATERIALS**

1. CORROSION RESISTANT
2. EXPANDED METAL
3. WOOD PANEL
4. LOCAL STONE

**REUSE OF MATERIALS**

1. REUSE OF BUILDING FRAME
2. REUSE OF BUILDING MATERIALS
3. REUSE OF EXISTING FACILITIES

**REDUCING ENERGY USE**

1. COOL ROOF
2. THERMAL INSULATION
3. SOLAR GLASS

**AIR VENTILATION**  
SCALE 1:400

**DETAILS**  
SCALE 1:400

**SCHEMATIC OF WATER SYSTEM**  
SCALE 1:5

**URBAN LANDSCAPE SECTION**



SECTIONAL PERSPECTIVE 1



SECTIONAL PERSPECTIVE 2