

# BUS SHELTER

## FLUIDITY AND CONTINUITY

### CONCEPT:

"SEAMLESS FLOW FLUID ARCHITECTURE, IN TRANSIT SPACE"

THE BUS SHELTER IS DESIGNED AS A CONTINUOUS FLOWING FORM THAT INTEGRATES STRUCTURE, SPACE AND MOVEMENT INTO A SINGLE UNIFIED EXPRESSION INSPIRED BY NATURAL FLUID GEOMETRIES. THE DESIGN ELIMINATES SHARP EDGES.

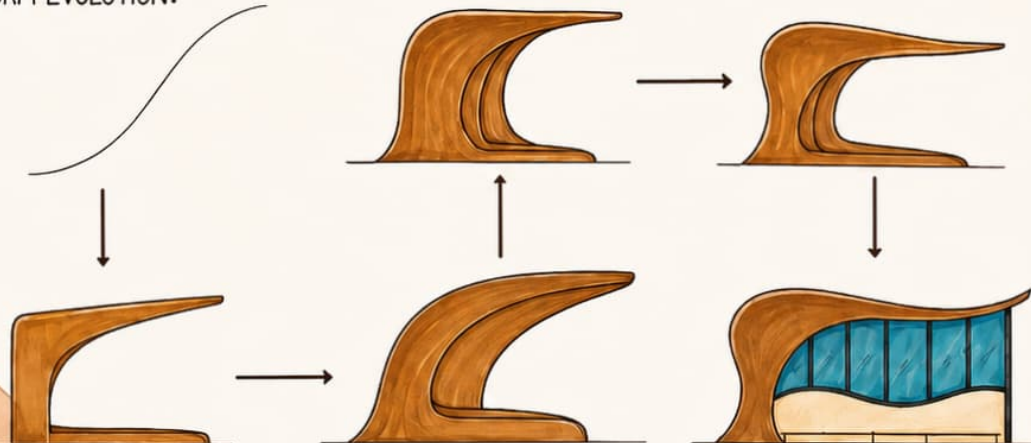
### STRUCTURE:

- ORGANIC WAVE-LIKE STRUCTURE
- FLOWING ORGANIC SHAPE
- SEAMLESS SCULPTURAL FORM INSPIRED BY FLOW OF WATER
- SEAMLESS STRUCTURE

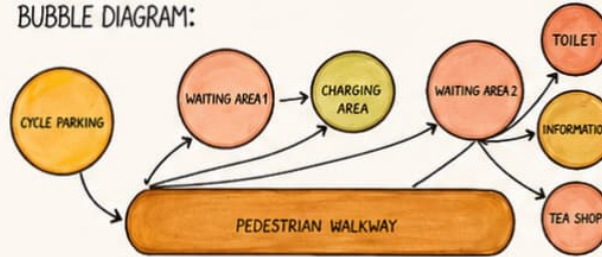
### KEY FEATURES:

- FLOWING AND SCULPTURAL FORM
- SEAMLESS INTEGRATED DESIGN
- SOFT AMBIENT LIGHTING

### FORM EVOLUTION:



### BUBBLE DIAGRAM:



### ZONING:



### SPECIAL FEATURES:

#### PERMEABLE GRASS PAVERS:



GREEN STRIP FLOORING THAT ABSORBS OR DRAINS WATER DURING RAIN IS A COMBINATION OF PERMEABLE GRASS PAVERS THESE SYSTEM ALLOWS RAINWATER TO PASS THROUGH INTO THE GROUND PREVENTING WATERLOGGING AND REDUCING RUNOFF.

#### KINETIC FLOORING:



KINETIC WALKWAY IS A SUSTAINABLE SMART FLOORING SYSTEM THAT CONVERTS THE MECHANICAL ENERGY FROM HUMAN FOOT TO USABLE ELECTRICITY.

#### SOLAR CHARGING POINT:



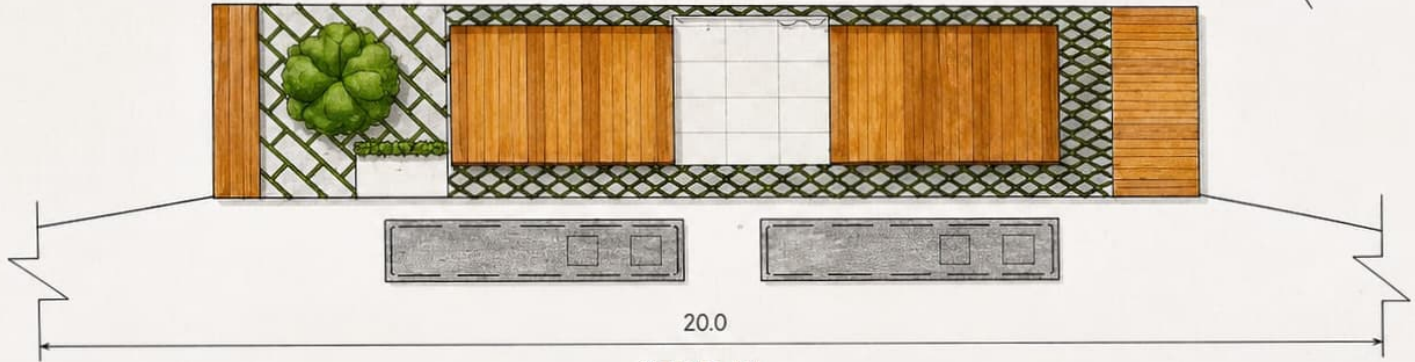
#### DIGITAL TIME DISPLAY:



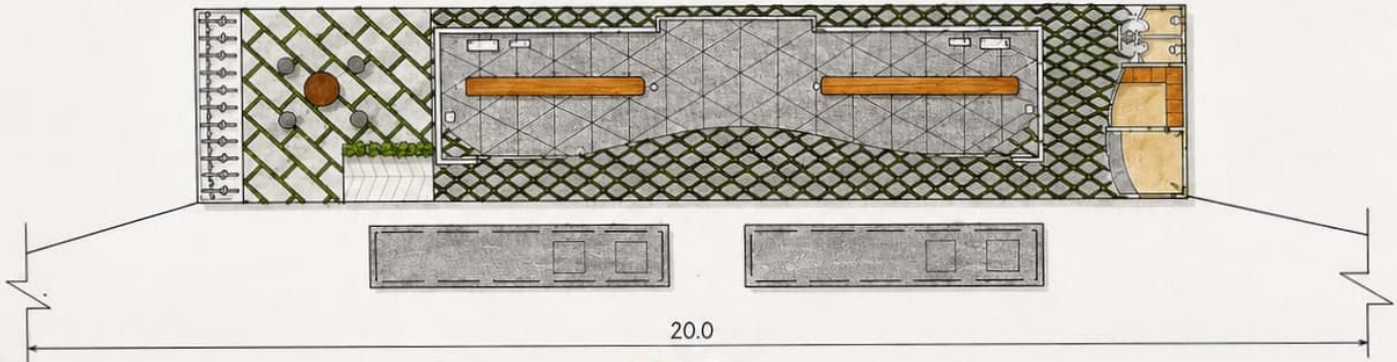
NAME: KAYALVIZHI.P  
ARN: 250101601022  
SEMESTER 2 SECTION A

# BUS SHELTER

## FLOOR PLAN + SITE PLAN



SITE PLAN



FLOOR PLAN

### MATERIALS & FINISHES



NATURAL WOOD  
DECKING



LIGHT GREY  
TILES



STONE PAVING  
(PATTERN)



GREEN  
PLANTER



COMFORTABLE BENCH SEATING



WASTE BINS



NATURAL VENTILATION & DAYLIGHT



GREENERY FOR SHADE & AESTHETICS



ACCESSIBLE DESIGN

NAME: KAYALVIZHI .P

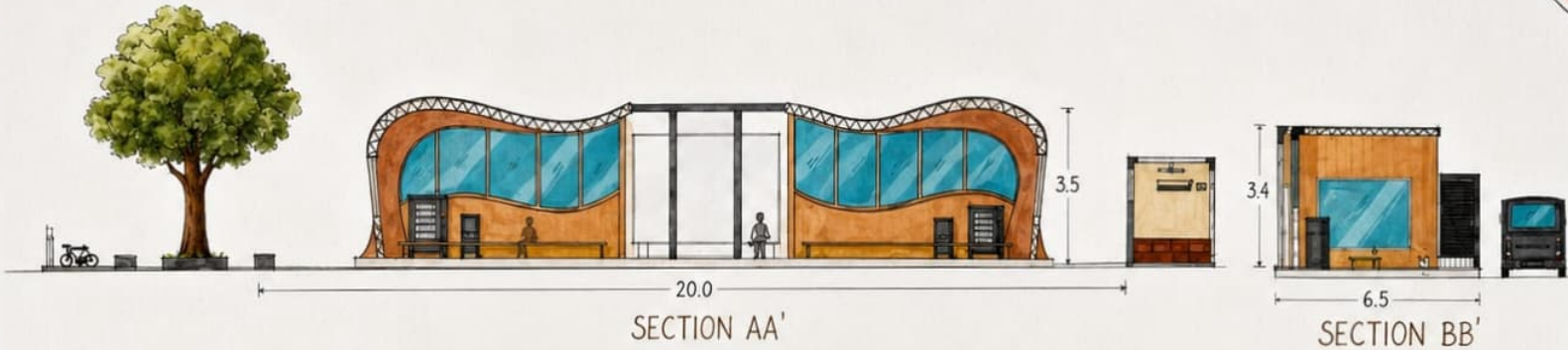
RAN: 250101601022

SEMESTER: 2

SECTION: A

# BUS SHELTER

## SECTION AND ELEVATION



### MATERIALS & FINISHES



TERRACOTTA  
PLASTER FINISH



NATURAL WOOD  
PANELLING








TOUGHENED  
GLASS



STONE PAVING  
AT BASE

### FEATURES

-  ERGONOMIC BENCH SEATING
-  ROOF EDGE WITH PATTERN DETAIL
-  NATURAL VENTILATION & DAYLIGHT
-  DURABLE & LOW MAINTENANCE MATERIALS
-  ACCESSIBLE DESIGN

NAME : KAYALVIZHI . P

PRN : 250101601022

SEMESTER : 2

SECTION : A'

# BUS SHELTER VIEW SHEET



3D VIEW

GRASS PAVERS

KINETIC WALKWAY

## FLOORINGS



KINETIC WALKWAY



GRASS PAVERS

## FEATURES

-  SPACIOUS BENCH SEATING
-  KINETIC WALKWAY FOR DYNAMIC MOVEMENT
-  GRASS PAVERS FOR ECO-FRIENDLY SURFACING
-  NATURAL VENTILATION & DAYLIGHT

## MATERIALS & FINISHES



NAME: KAYALVIZHI. P  
RAN: 250101601022  
SEMESTER: 2  
SECTION: A