

CONCEPT SENTIENT BUS SHELTER

GSR

GALVANIC SKIN SENSOR

GALVANIC SKIN SENSOR

PROS

- SIMPLE AND AFFORDABLE
- EASY TO DEPLOY
- WORKS EVEN AGAINST YOURSELF
- ADAPTIVE
- WIDE EVALUATE THE ANXIETY
- READINGS TO ANXIETY TRIGGERS

MEANING → CAPABLE OF SENSING / FEELING

A BUS SHELTER THAT REACTIVELY RESPONDS TO SENSORS AND EMOTIONS.

SENSORS THAT CAN DETECT ANXIETY?



BUBBLE DIAGRAM

ZONING



SCAN THE PERSON SKIN, SENDS THE INFORMATION, AND GENERATE AS A RESULT IN NERVES

THE SIGNAL REFLECTS THE CHANGE IN TO ANXIETY



GSR SENSOR



SMART BENCH

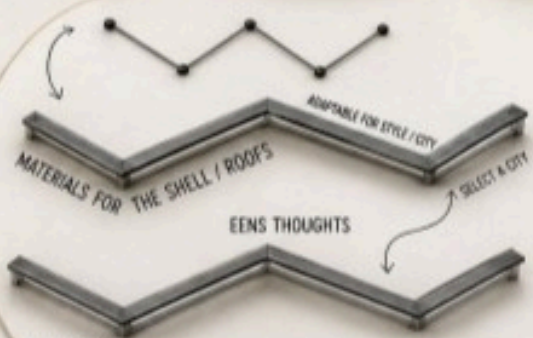
WHEN A PERSON FEELS ANXIETY, ARISING IT ENTERS THE EDA MODULE. THE AMOUNT OF SWEAT AND SALTY WATER THAT THE CONDUCTIVE OF SMALL ELECTRODES TOUCH THE BODY. A TINY ELECTRICAL SIGNAL IS CREATED THIS SIGNAL MIRRORS AS A RESULT



LIGHTS DIM



AUDIO INTENSITY REDUCED



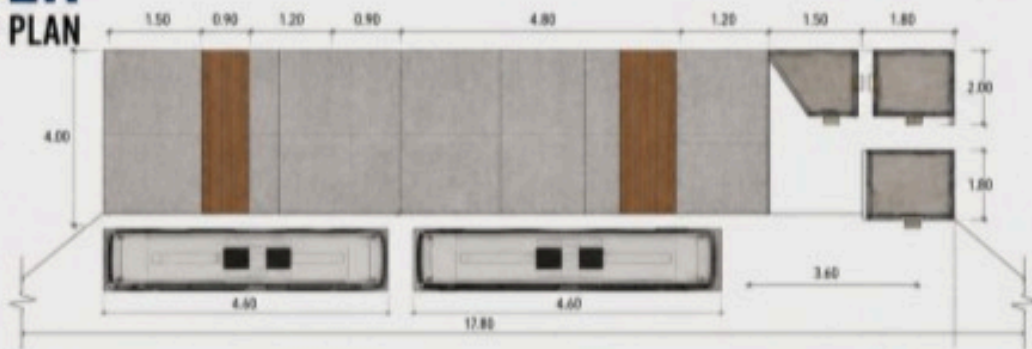
HIGHLIGHTS

- THERAPY
- INFORMATIVE
- SAFE
- RESPONSIVE

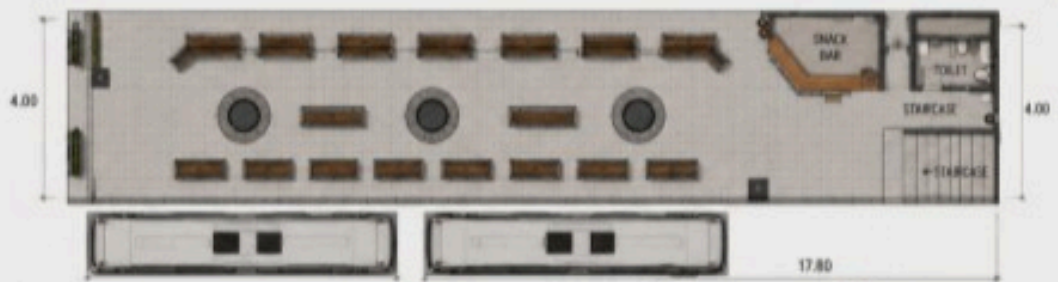
BUS SHELTER

FLOOR PLAN AND SITE PLAN

SITE PLAN
SCALE 1:100



FLOOR PLAN
SCALE 1:100



LEGEND

- PAVING
- WOODEN BENCH
- CHARGING STATION

SPECIFICATIONS

- | | | | | |
|---|---|---|--|---|
| | | | | |
| STRUCTURE
Steel frame with RCC foundation | VENTILATION
Open design for natural ventilation | SEATING
Concrete benches with wooden finish | CHARGING STATION
EV charging station for convenience | FACILITIES
Toilet and staircase for convenience |



NAME : STRETCH ENGINE NATURE
MATIC : 2506401071

BUS SHELTER

ELEVATION AND SECTION



ELEVATION A | SCALE 1:100



ELEVATION A' | SCALE 1:100



SECTION B | SCALE 1:100



SECTION B' | SCALE 1:100

LEGEND (MATERIALS)

STEEL STRUCTURE	WOODEN ROOF LINING	BRICK / CLAY WALL	CONCRETE FLOOR	EV CHARGING STATION

KEY FEATURES



BUS SHELTER

VIEW-1



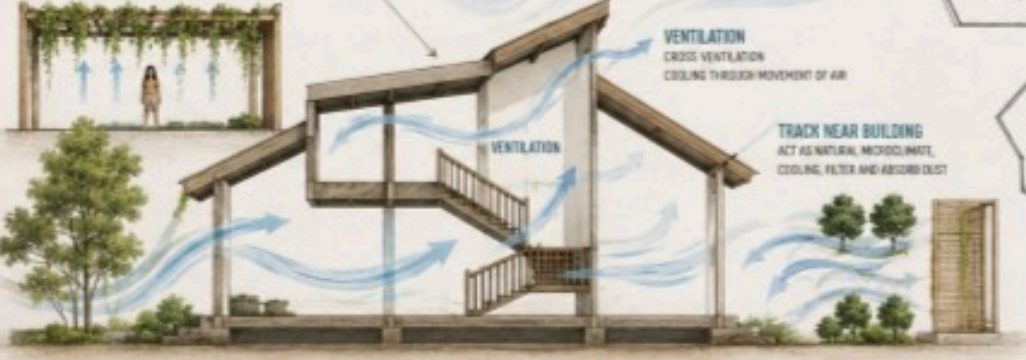
VIEW-2



VIEWS

CONCEPT SHEET PASSIVE COOLING WEEKEND COTTAGE

GREEN COOLING
COOLING THROUGH EVAPOTRANSPIRATION



VENTILATION
CROSS VENTILATION
COOLING THROUGH MOVEMENT OF AIR

TRACK NEAR BUILDING
ACT AS NATURAL MICROCLIMATE,
COOLING, FILTER AND ABSORB DUST

PLAN EVOLUTION



TREES ACT AS NATURAL FILTER
BY TRAPPING DUST AND CLEANING THE
SURROUNDING AIR THROUGH
EVAPOTRANSPIRATION, REDUCING AIR TEMP

TREES NEAR BUILDING
ACT AS NATURAL MICROCLIMATE,
COOLING, FILTER AND ABSORB DUST

TREES, BOARDS AS SHADING DEVICE
BY PROVIDING SHADE AND
PREVENTING DIRECT SOLAR
RADIATION, THIS MAINTAINING
INTERIOR COOL TEMPERATURE

BUILDING DESIGN APPROACH THAT
USES NATURAL PROCESSES SUCH AS
VENTILATION, NATURAL INSULATION
TO COOL SPACES, NOT MECHANICAL



ROOF OVERHANG
SHADING WALLS AND WINDOWS, REDUCING
HEAT GAIN AND IMPROVING INSULATION



USER ANALYSIS



STRETCHING, RUNNING
IMPROVES BLOOD
CIRCULATION, ANXA,
STAMINA,
LONGEVITY



STRETCHING, RUNNING
APPROACHES TOO
CIRCULATION, ANXA,
ENDURANCE,

SUSTAINABLE DESIGN. HEALTHIER LIVING

NAME: SREETHA ENGINEER
RNO: 210440171







WEEKEND COTTAGE

SECTION & ELEVATION

SECTION A



SECTION A'



ELEVATION B

SCALE 1:100



ELEVATION B'



