



5 m

8 m

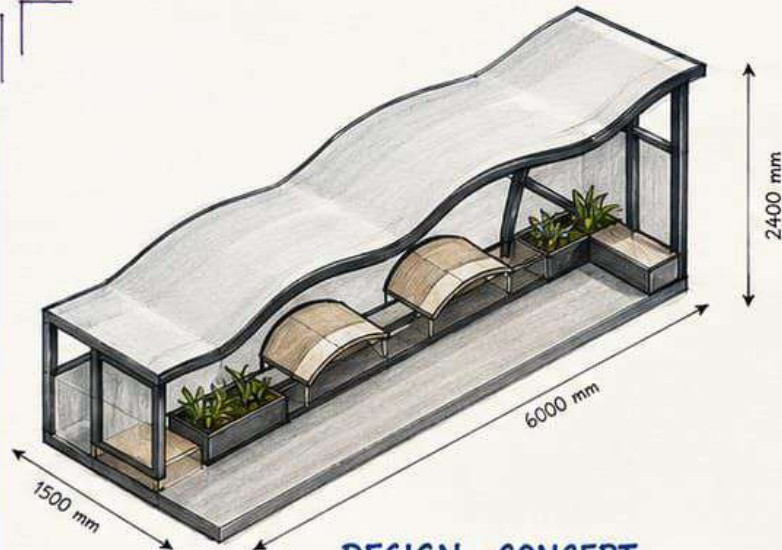
40 m

27 CITY BUS

BUS SHELTER

ZEIGEIST

SMART • SUSTAINABLE • HUMAN-CENTRIC



DESIGN CONCEPT

The bus shelter is designed as an expression of the contemporary Zeigeist - integrating technology, sustainability and dynamic form. The parametric roof represents modern urban life while smart features such as real time tracking and charging stations reflect current user behaviour.

ZONING



MATERIAL



ARCH. STRUCTURE : MS STEEL FRAME SUPPORTED BY STEEL RIBS / TRUSS

WOODEN SEATING : VERTICAL TIMBER SLATS WARM TONE FOR PRIVACY AND SHADE

BENCH & PLINTH : TIMBER / CONCRETE / STEEL WITH METAL SUPPORT

PLANTING : NATIVE GREENERY, LOW MAINTENANCE AND CLIMATE RESILIENT

PAVING : NATURAL STONE / CONCRETE PAVERS, SLIP RESISTENT, EASY TO MAINTAIN

KEY FEATURES

- SHADED WAITING AREA WITH NATURAL VENTILATION
- INTEGRATED PLANTERS FOR GREENERY AND RAINWATER ABSORPTION
- WOODEN SCREENING FOR PRIVACY
- UNIVERSAL ACCESS WITH STEP FREE APPROACH
- REAL TIME BUS INFORMATION DISPLAY
- USB CHARGING POINTS AND SOLAR POWERED SYSTEM
- DURABLE, LOW MAINTENANCE AND USER FRIENDLY



RAINWATER MANAGEMENT

Planters collect & absorb rainwater, reducing runoff and supporting plants.



NATURAL COMFORT

Arched form provides shade and cross ventilation for comfort.



GREEN INTEGRATION

Enhancing urban and native plants, softens and improves air quality.



DURABILITY

High quality materials ensure strength, low maintenance & long lifespan.



ACCESSIBILITY

Step free access, wide circulation space and Designated Boarding Zone.



SUSTAINABLE TECHNOLOGY

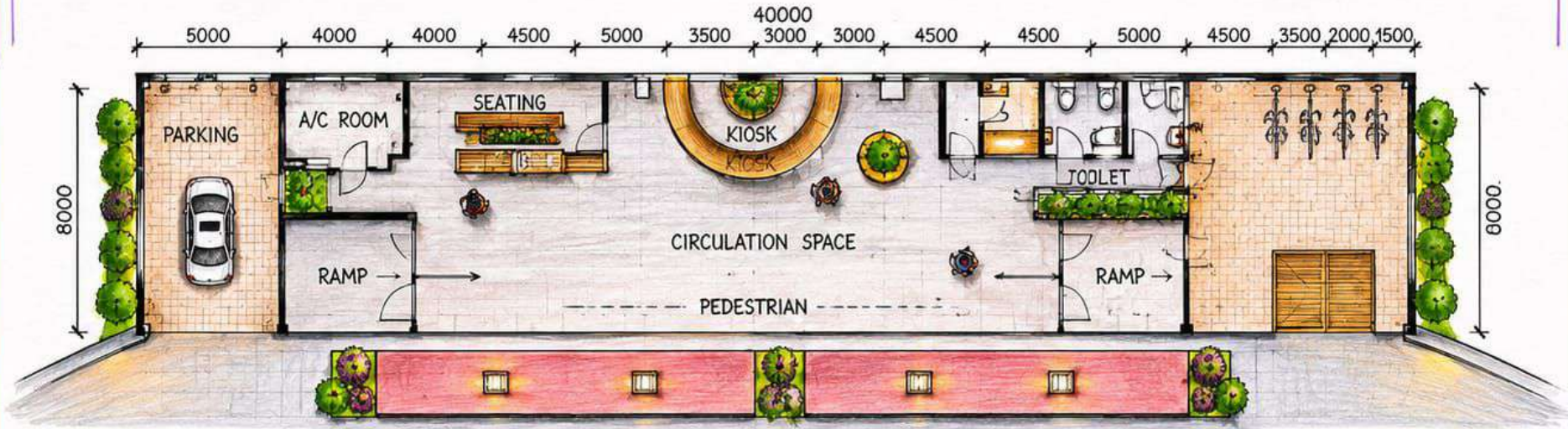
Solar powered system, USB charging and real time information.

CONCEPT - SHEET



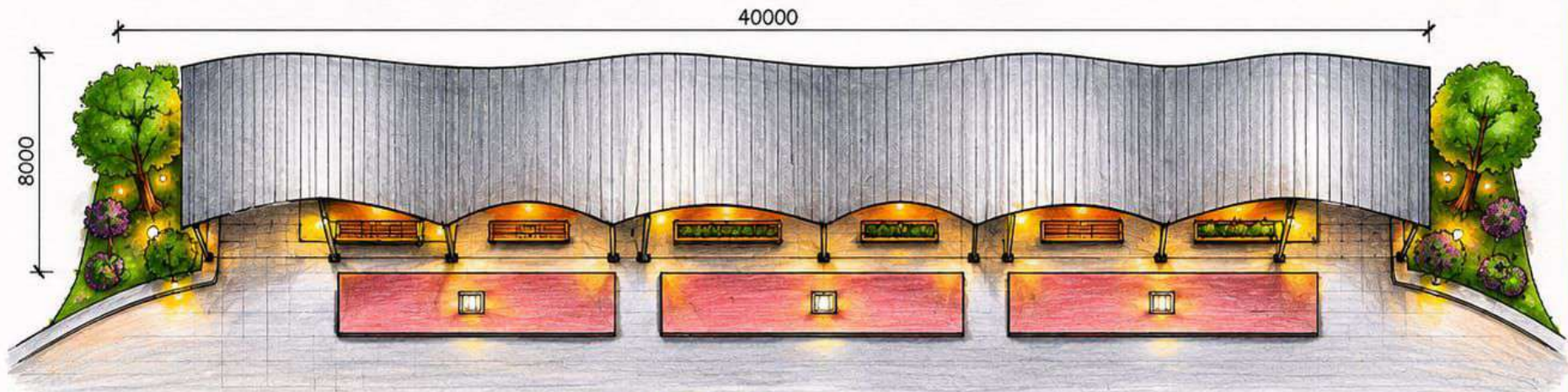
R. RITVIK RAO
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BUS SHELTER



FLOOR PLAN

SCALE 1:100



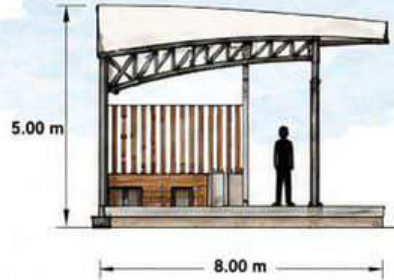
SITE PLAN

SCALE 1:100

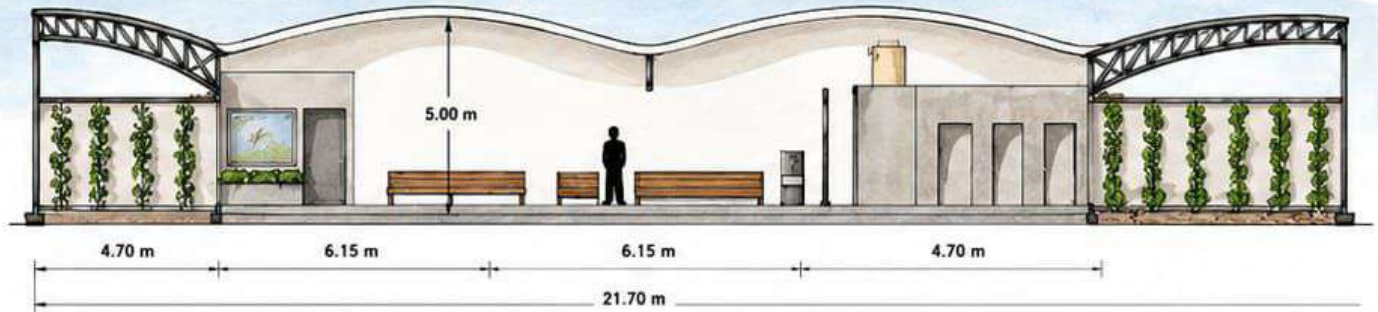
FLOOR PLAN & SITE PLAN

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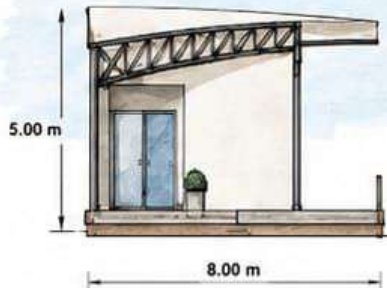
BUS SHELTER



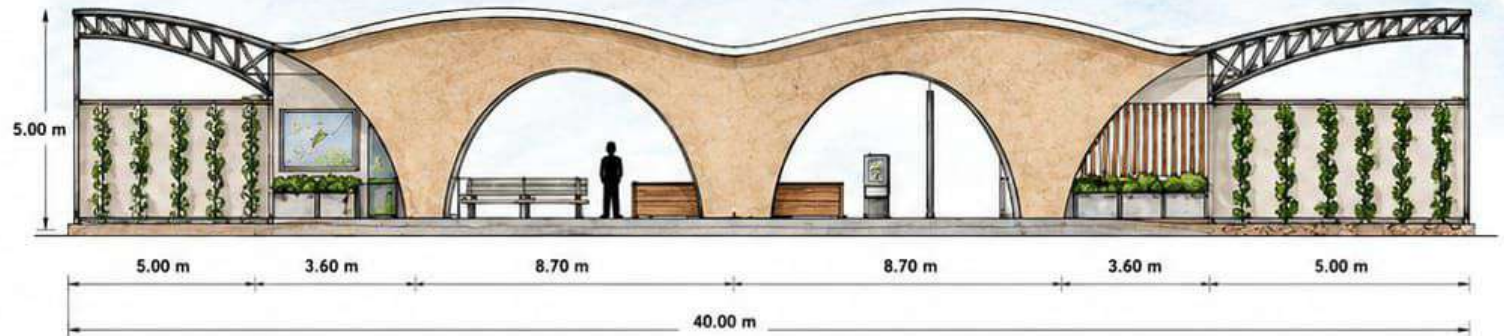
SECTION BB'



SECTION AA'



SIDE ELEVATION



FRONT ELEVATION

SECTION & ELEVATION

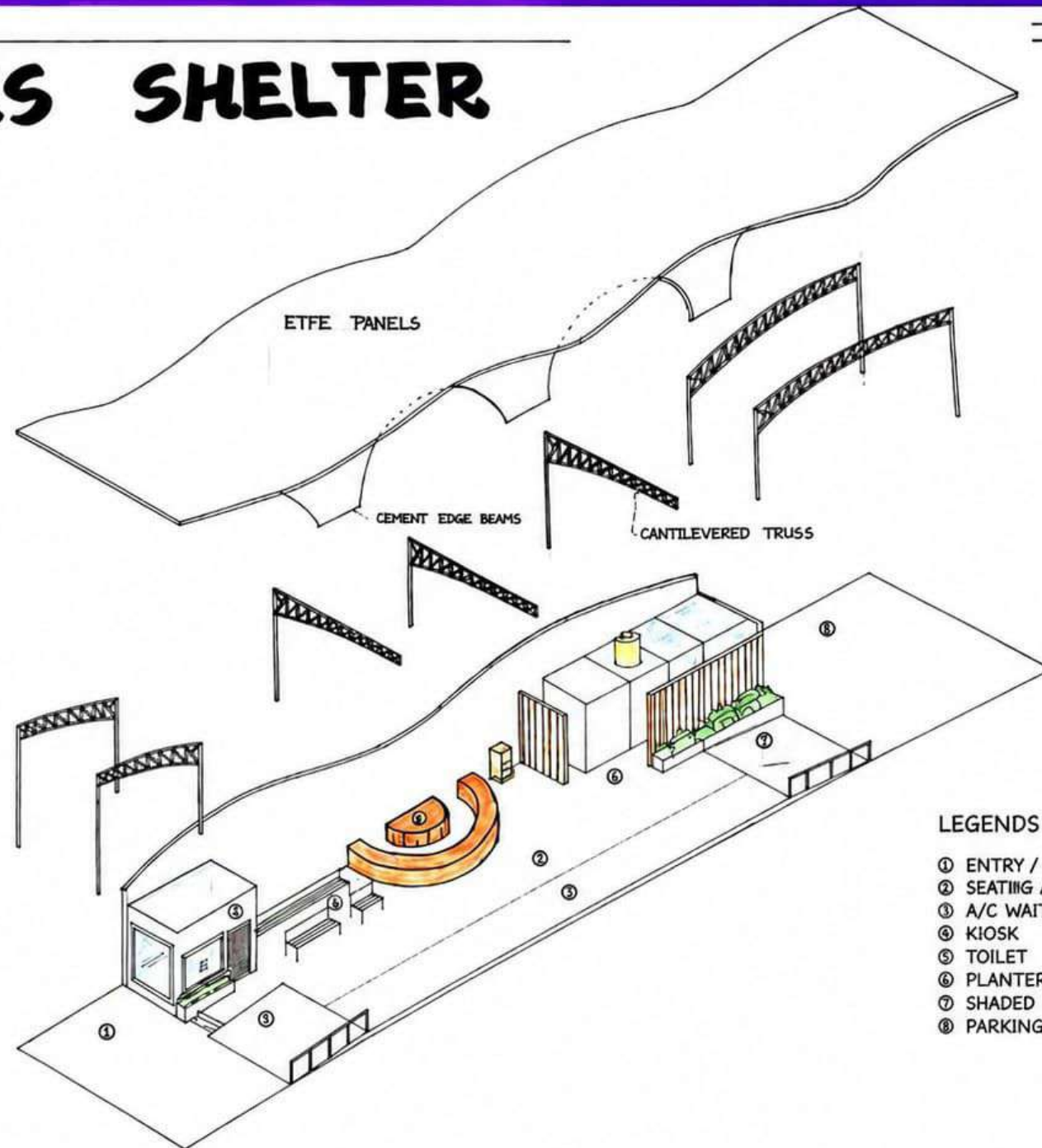
SPECIFICATIONS

- Length : 40.00 m
- Width : 8.00 m
- Height : 5.00 m
- Structure : Steel Truss & RCC
- Roof : Curved Weathering Sheet / Concrete Shell
- Finish : Textured Plaster / Paint
- Seating : RCC Bench with Wooden Top

DESIGNED BY : R. RITVIK RAO
 DATE : 25-01-2024
 DRAWING NO. : 25D10T16D10A5
 SCALE : N.T.S.



BUS SHELTER



AXONOMETRIC VIEW

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