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Supervisor: AR Haaris



The project encourages creative and innovative approaches to residential design based on the client's needs. The proposed design should blend seamlessly with the surrounding environment, integrate sustainable strategies, and showcase efficient spatial planning. It provides an opportunity to understand design principles, space functionality, and planning techniques. The project also involves studying relevant standards and requirements to develop a well-planned and effective design solution.

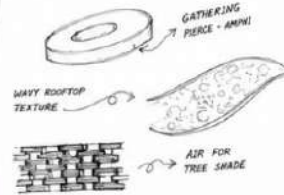


concept sheet

"CHAUPAL IN MOTION" - A CONTEMPORARY INDIAN BUS SHELTER

THE DESIGN INTERPRETS THE TRADITIONAL INDIAN COMMUNITY GATHERING SPACE INTO A MODERN BUS SHELTER. IT CREATES A SPACE WHERE CONVERSING, TAKING REST AND SHELTER, INFORMATION AND MOVEMENT ALL BECOME OF COMMUNITY RHYTHM AND HARMONY.

FORM CONCEPT



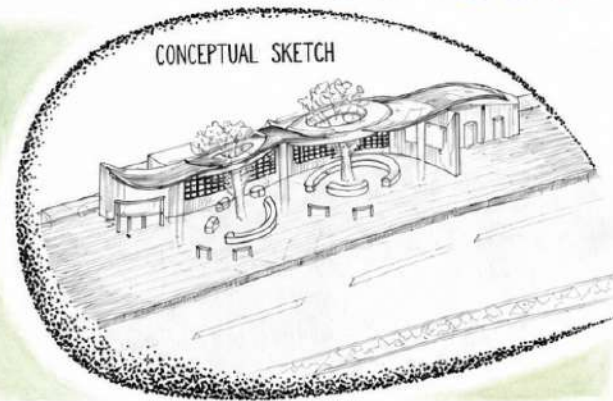
KEY FEATURES

- MOTION AND FLOW.
- GATHERING, WAITING AND RESTING ZONE.
- SHADE AND SEATING.
- INFORMATION & TRANSIT SERVICES.
- CIRCULATION WORKING WITH THE ENVIRONMENT AND SEASONS.

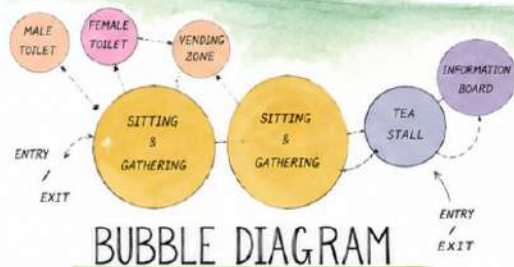
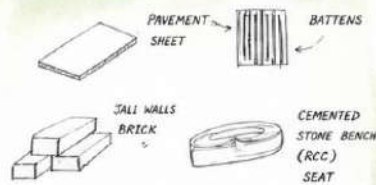
COLOUR PALETTE



CONCEPTUAL SKETCH

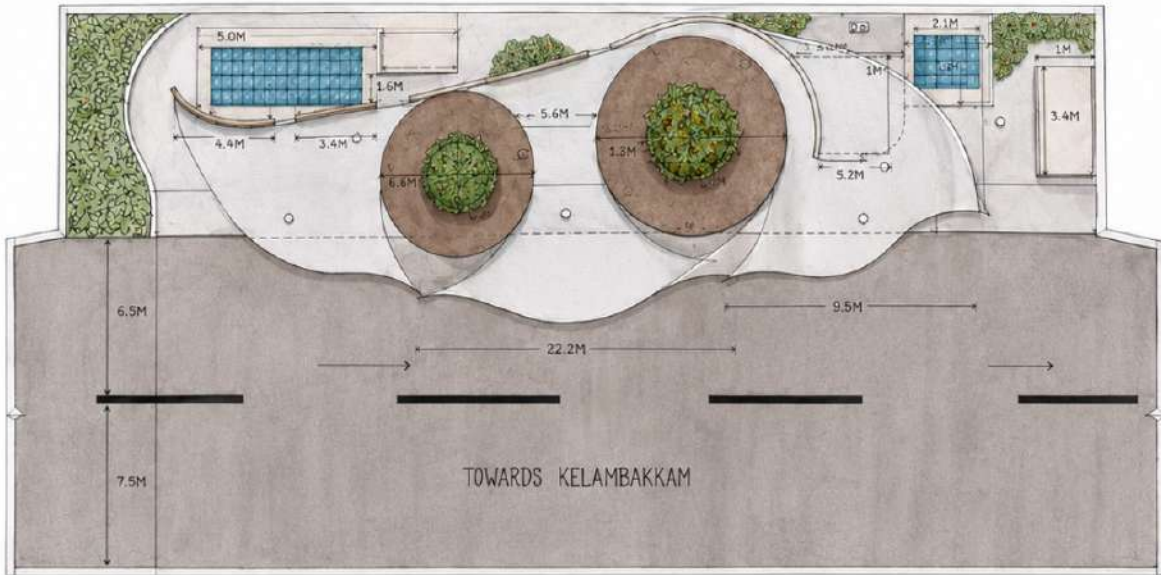
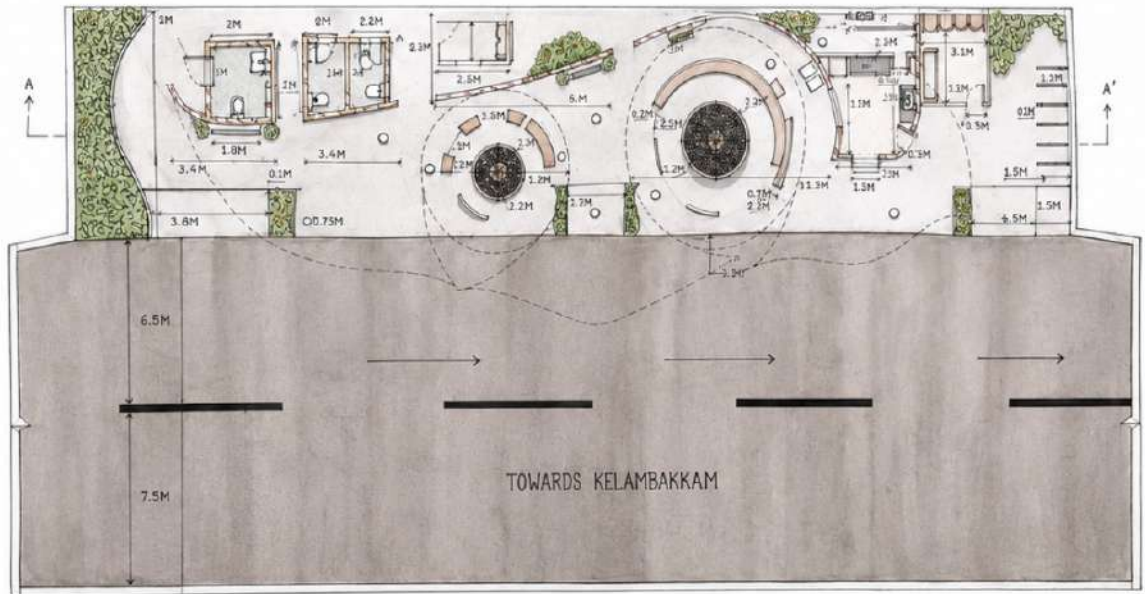


MATERIAL



BUBBLE DIAGRAM

FLOOR PLAN



SITE PLAN

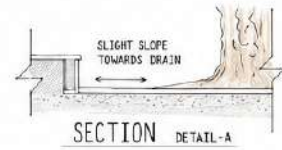
SECTION

ELEVATION



FRONT ELEVATION

ISOMETRIC VIEW
DETAIL-A



SECTION B-B'



SECTION A-A'

DETAIL-A



REAR ELEVATION

SCALE 1:100

VIEWS

GREEN POCKETS WITH PLANTS ENHANCE THE BUS STAND ENVIRONMENT BY IMPROVING THE QUALITY, REDUCING HEAT, AND CREATING A REFRESHING PUBLIC SPACE.

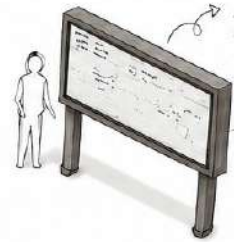


WATER THAT IS STORED ARE USED AT THE TEA STALL.

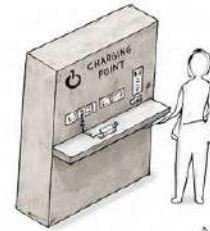
JALI WALLS IMPROVE CROSS VENTILATION BY ALLOWING CONTINUOUS AIRFLOW THROUGH PATTERNED OPENINGS, WHILE MAINTAINING PRIVATE SHADING.



THEY HELP IN REDUCING HEAT BUILDUP + ENHANCE NATURAL COOLING, AND CREATE COMFORTABLE LIVING ENVIRONMENT.



DIGITAL LED DISPLAY BOARDS ON BUS ROUTE TIMING HELPS PASSENGERS NAVIGATE THE BUS STAND EFFICIENTLY. ALSO USED FOR ADVERTISEMENT BETWEEN TRANSIT UPDATES.



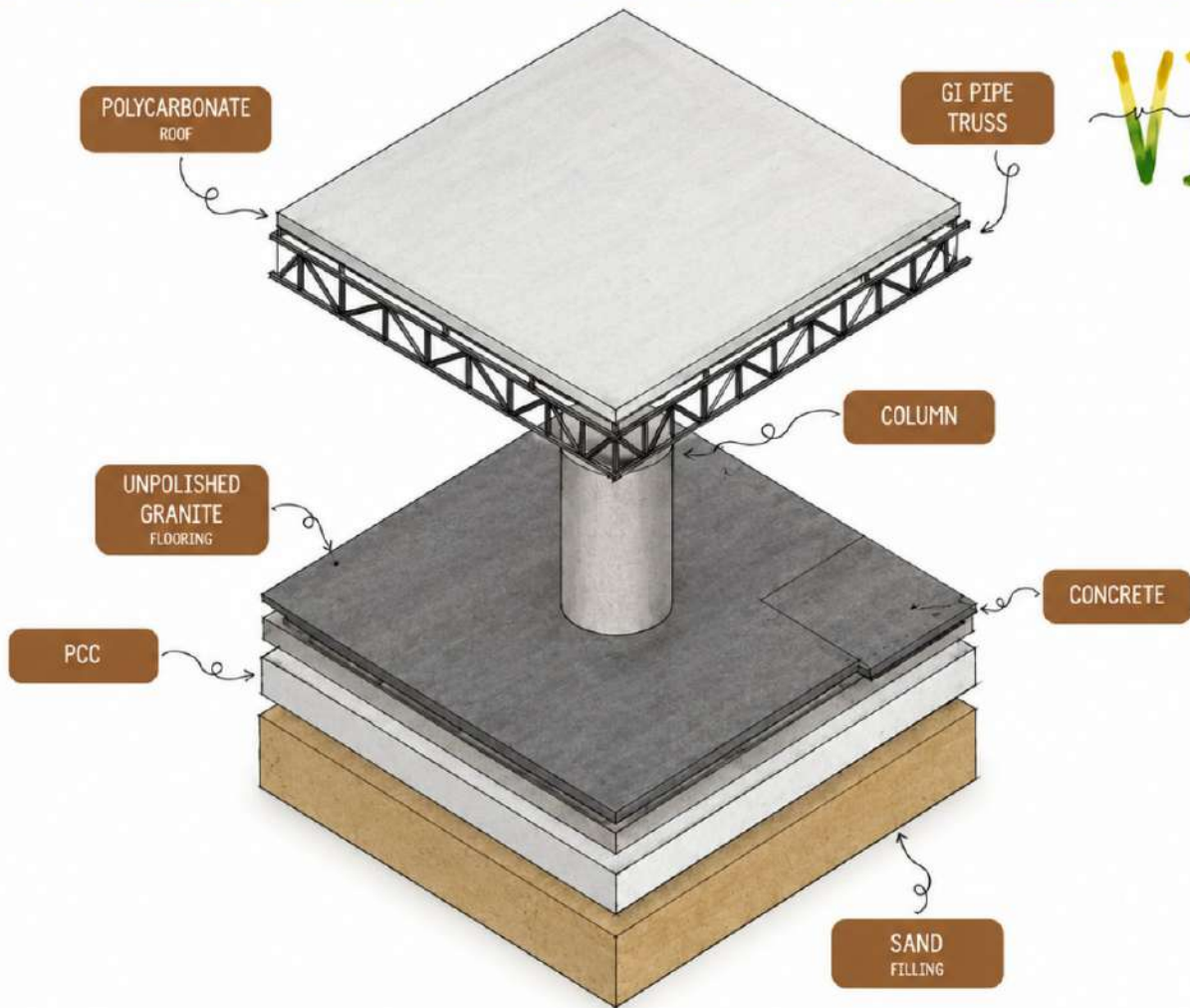
ACCESSIBLE DUSTBINS HELP MAINTAIN CLEANLINESS, ENCOURAGE PROPER WASTE DISPOSAL, AND BETTER HYGIENIC PUBLIC ENVIRONMENT.

CHARGING POINTS IN A BUS STAND IMPROVE PASSENGER CONVENIENCE BY ALLOWING USERS TO CHARGE ELECTRONIC DEVICES WHILE WAITING.



EXPLODED AXONOMETRIC

view

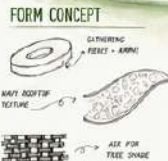




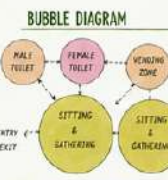
CHAUPAL IN MOTION

A CONTEMPORARY INDIAN BUS SHELTER

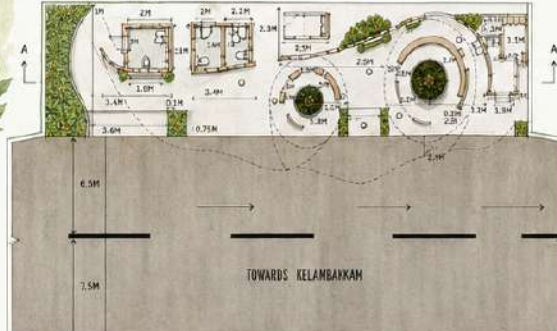
The design interprets the traditional Indian community gathering space into a modern bus shelter. It creates a space where conversing, taking rest and shelter, information and movement all become of community rhythm and harmony.



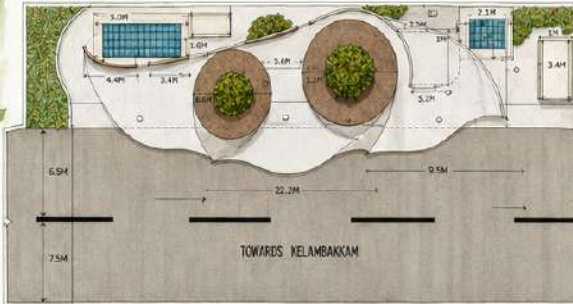
- KEY FEATURES**
- MOTION AND FLOW.
 - GATHERING, WAITING AND RESTING ZONE.
 - SHADE AND SEATING.
 - INFORMATION & TRAVEL SERVICES.
 - CIRCULATION WORKING WITH THE ENVIRONMENT'S AND SEASONS.



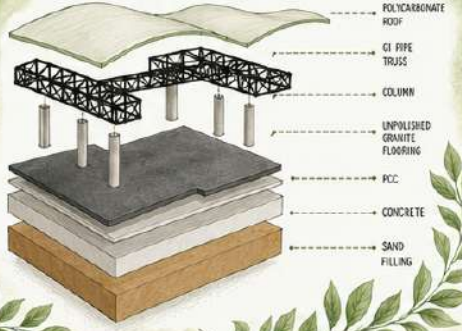
FLOOR PLAN



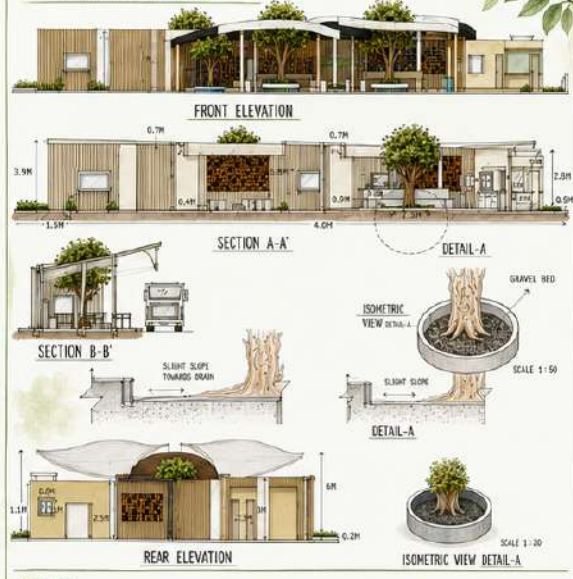
SITE PLAN



EXPLODED AXONOMETRIC VIEW



ELEVATION & SECTIONS



VIEWS



- GREEN POCKETS WITH PLANTS**
Enhance the bus shelter environment by improving the quality, adding look and breathe a refreshing public space.
- WATER THAT IS STORED ARE USED AT THE TEA STALL.**
- HALF WALLS IMPROVE CROSS VENTILATION BY ALLOWING CONTINUOUS AIRFLOW THROUGH PLATFORM SPACES, WHILE MAINTAINING PRIVATE CHANGING.**
- DIGITAL LED DISPLAY BORDERS ON BUS HOVIE BOARDING & PASSENGER SERVICE TO HELP STATION CONVENIENCE & QUICK UPDATION OF TRAVEL UPDATES.**
- ACCESSIBLE BUSBOARDING PLATFORMS (SLOPES), ENCLOSED PRIVATE BATHY, SEATING, AND BETTER PHYSICAL PUBLIC ENVIRONMENT.**
- CHANGING PLATFORMS IN A BUS STATION PROVIDE CONVENIENCE BY ALLOWING LEGENT TO CHARGE ELECTRONIC DEVICES WHILE WAITING.**