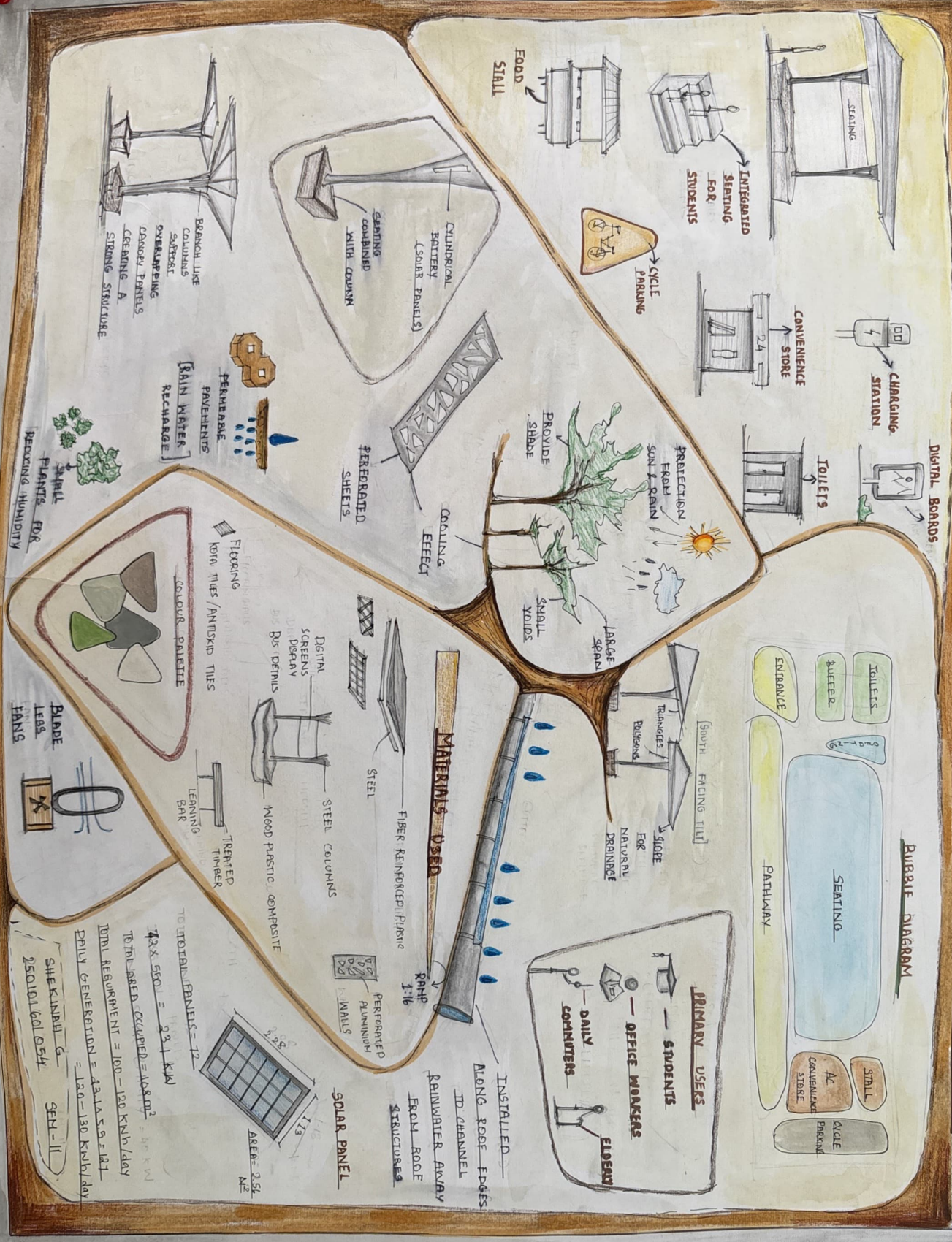


TREE CANOPY ECO-FRIENDLY BUS SHELTER



DIGITAL BORDERS

CHARGING STATION

CONVENIENCE STORE

INTEGRATED SEATING FOR STUDENTS

CYCLE PARKING

FOOD STALL

TOILETS

PROTECTION FROM SUN & RAIN

PROVIDE SHADE

COOLING EFFECT

PERFORATED SHEETS

FLOORING

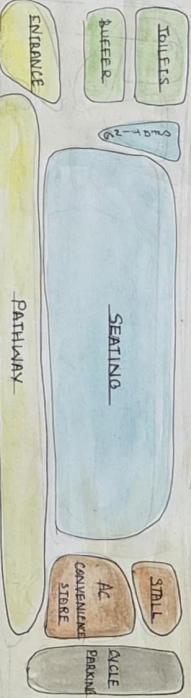
PERMEABLE PAVEMENTS [RAIN WATER RECHARGE]

BRANCH LIKE COLUMNS SUPPORT OVERSHADING CEILING A STRONG STRUCTURE

PERFORATED SHEETS

BLADE LEGS HANG

BUBBLE DIAGRAM



[SOUTH FACING TILT]

RAINWATER COLLECTION
SLOPE
EAVE
NATURAL DRAINAGE



INSTALLED ALONG ROOF EDGES TO CHANNEL RAINWATER AWAY FROM ROOF STRUCTURES

SOLAR PANEL



TOTAL PANELS = 12

4.2 x 5.50 = 23.1 KW

TOTAL AREA OCCUPIED = 10.8 KM²

TOTAL REQUIREMENT = 100 - 120 KWH/DAY

PEAK GENERATION = 43.1 VA < 5.5 = 18.1

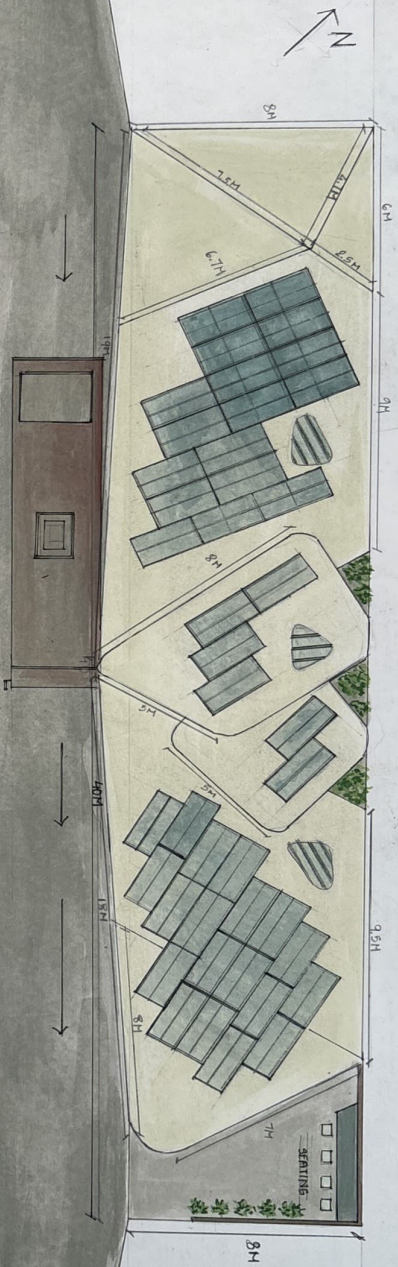
PEAK GENERATION = 120 - 130 KWH/DAY

SHE-KINDAL G

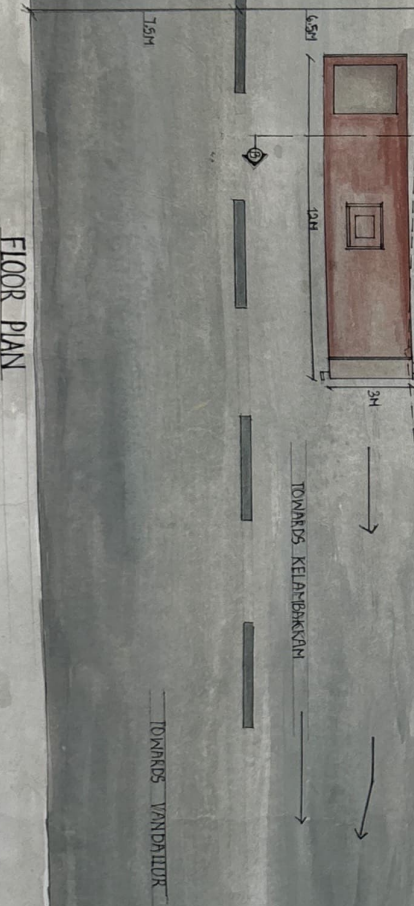
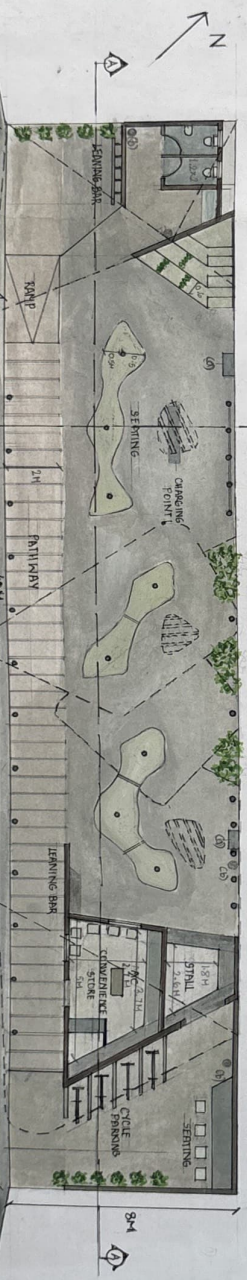
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BUS SHELTER FLOOR AND SITE PLANS

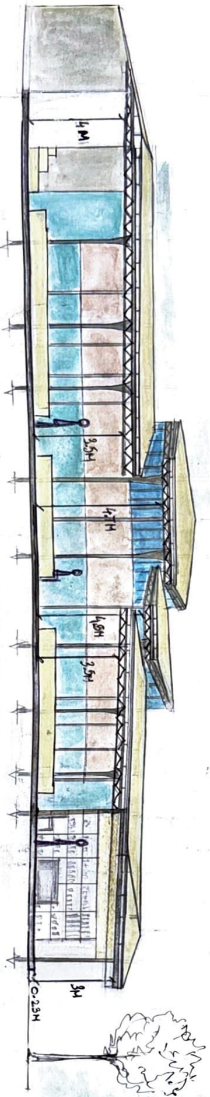


SITE PLAN

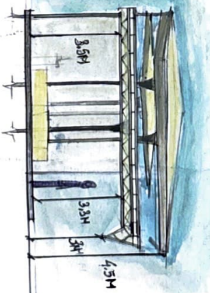


FLOOR PLAN

BUS SHELTER SECTION AND ELEVATION



FRONT SECTION A1



SECTION B-B



FRONT ELEVATION



SIDE ELEVATION

BUS SHELTER - VIEWS

