

DESIGN SPRINT

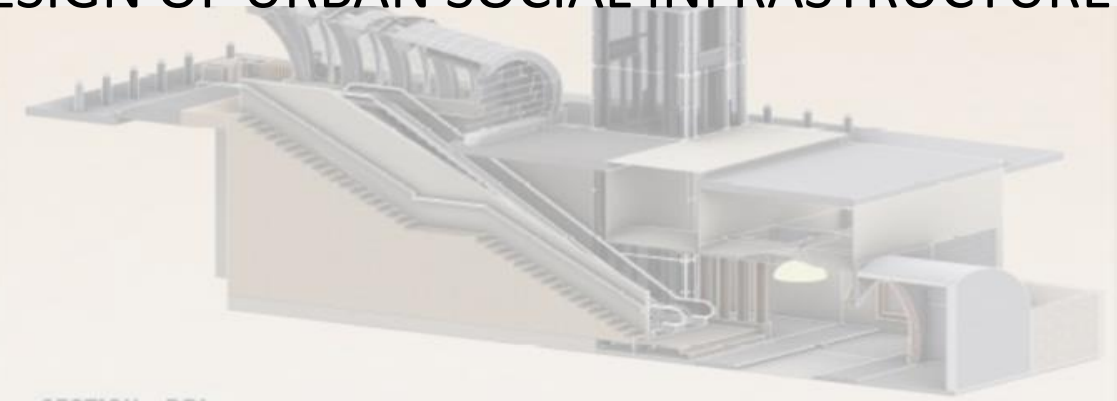
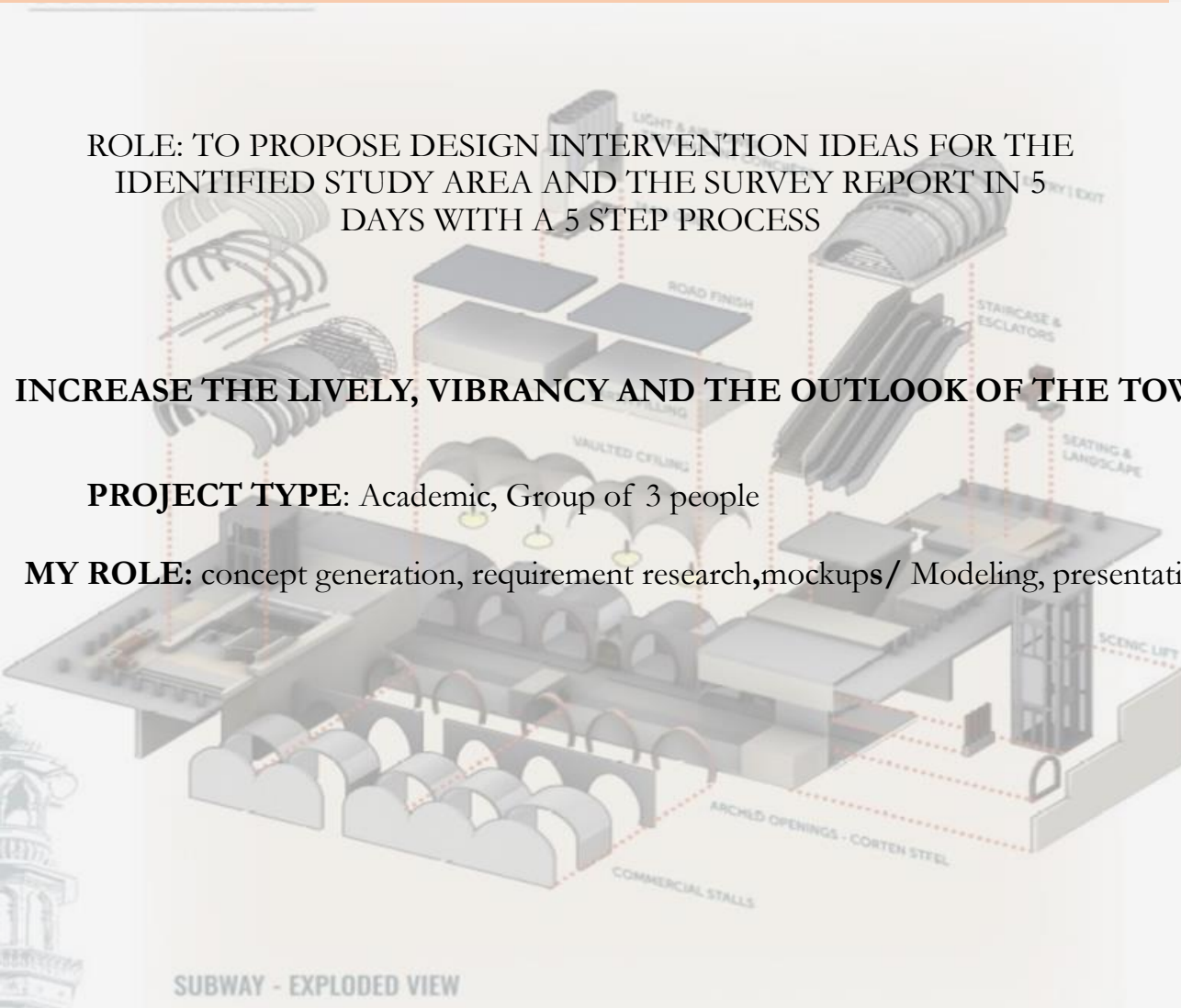
DESIGN OF URBAN SOCIAL INFRASTRUCTURE

ROLE: TO PROPOSE DESIGN INTERVENTION IDEAS FOR THE IDENTIFIED STUDY AREA AND THE SURVEY REPORT IN 5 DAYS WITH A 5 STEP PROCESS

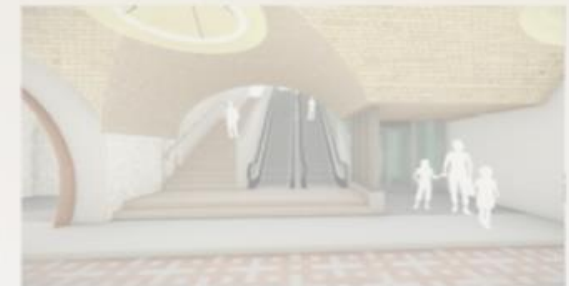
INCREASE THE LIVELY, VIBRANCY AND THE OUTLOOK OF THE TOWN

PROJECT TYPE: Academic, Group of 3 people

MY ROLE: concept generation, requirement research, mockups/ Modeling, presentation



Segregation of the commercial platform from the walkway



Wide entry bay leading to the subway from the scenic lift

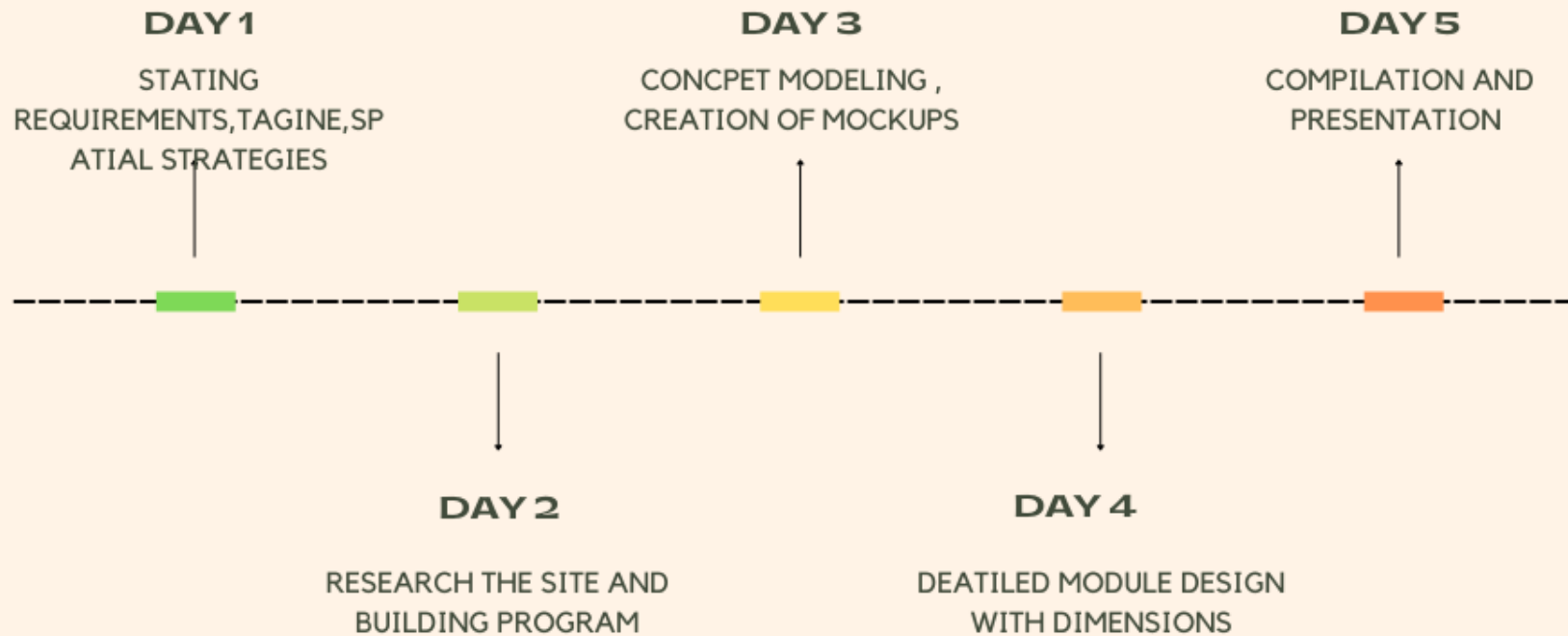


Median cut-out acts as light and ventilation tower which cast interesting shadows on the floor



Vegetable, fruits stalls and small commercial shops are encouraged

TIMELINE DIAGRAM

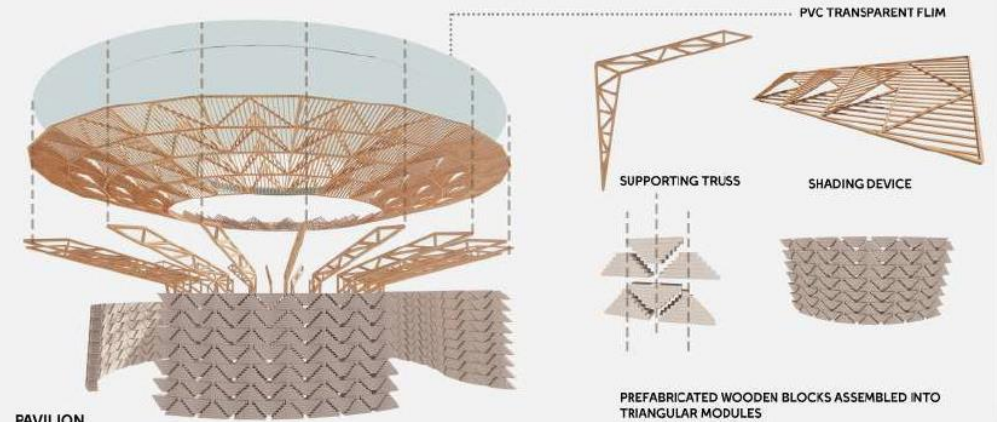


RECREATIONAL PARK - PROPOSAL



FLOOR PLAN

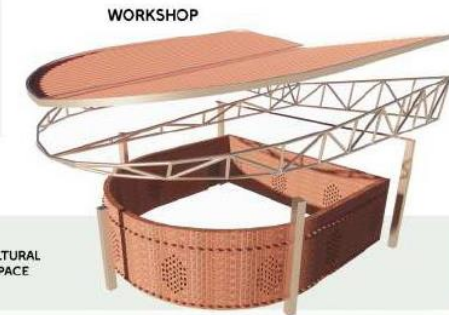
THE PAVILION DESIGN HAS A OVERHANGING ROOF CANOPY MADE OF STEEL AND A TRANSPARENT SKIN COVERING THE STRUCTURE. WHICH ALLOWS SUNLIGHT TO ENTER THE SPACE WHILE ALSO PROTECTING IT FROM THE RAIN. WOODEN SHADING ELEMENTS LINE THE UNDERSIDE OF THE ROOF TO CREATE A DYNAMIC SHADOW EFFECT ON THE INTERIOR SPACES.



PAVILION

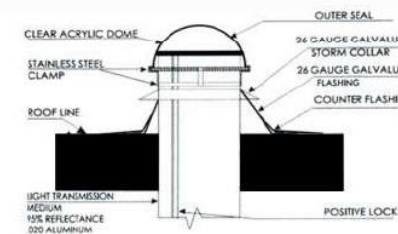
LIKE THE SHADE OF THE TREE BRANCHES, THE PAVILION BECOMES A PLACE WHERE PEOPLE CAN GATHER AND SHARE THEIR DAILY EXPERIENCES. IT'S ASPIRED BY A TREE, A TREE IS OFTEN A PUBLIC SPACE, A GATHERING SPACE

IT IS ENCLOSED BY WOODEN BLOCKS, WHICH ARE PERFORATED AND ALLOW THE AIR TO CIRCULATE, WHICH CREATES A COMFORT INSIDE. THE ROOF IS MADE WITH METALLIC TRUSS AND A TRANSPARENT COVER TO GIVE THE SENSE OF NATURE.



WORKSHOP

THE STUDIO DESIGN INTENDS TO PROVOKE FREE FLOW OF IDEAS AND INTERACTION BY PROVIDING A SAFE ZONE TO EXHIBIT THEIR TALLENT AND TO EXPLORE NEW ART AND CULTURAL SKILLS. THE STUDIO HAS BEEN DESIGNED IN AN ENERGY EFFICIENT MANNER. THE INNER SPACE REMAINING COOLER COMPARED TO THE EXTERNAL SURROUNDING TEMPERATURE.



LIGHT TUBE



LIGHT TUBES ARE BEING USED IN THE DESIGN TO TRANSFER NATURAL DAYLIGHT FROM THE EXTERIOR OF THE BUILDING TO LESS INTERIOR SPACE

RECREATIONAL PARK - PROPOSAL

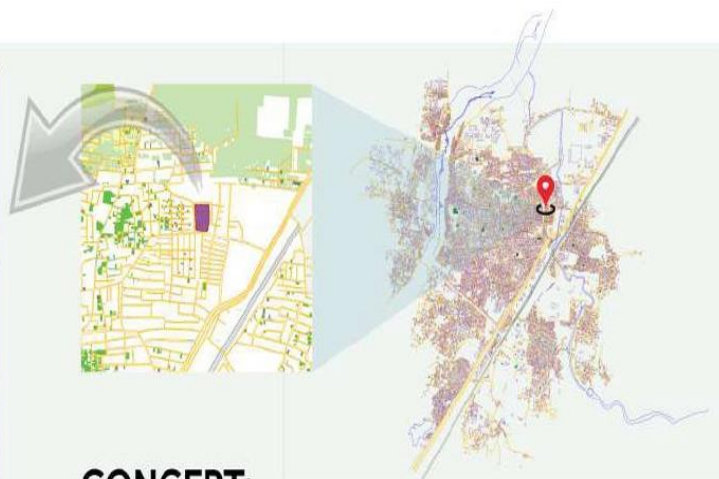


PEOPLE VALUE THE TIME THEY SPEND IN THE PARK, WHETHER WALKING, PLAYING WITH THEIR CHILDREN OR HAVING A PICNIC. ALONG WITH THESE EXPECTED LEISURE, THE PARK PROVIDED WILL WORK AS SPACE THAT ENHANCES THE LIFESTYLE OF THE PUBLIC, ENCOURAGES THE HEALTH AND SOCIAL INTERACTION AND A SAFE PLACE TO CONDUCT EXTRA CURRICULAR ACTIVITIES. PARKS WILL PLAY AN IMPORTANT SETTING FOR ART AND CULTURAL PROGRAMS.

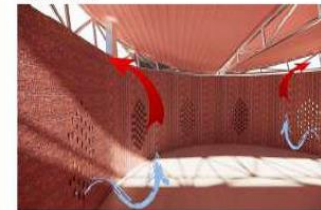
THIS PARK ALSO WORKS AS A BUFFER ZONE IN THIS DENSELY POPULATED CITY, IT PROVIDES THE SURROUNDING WITH REFRESHING AIR AND UPLIFTS THE AESTHETICS OF THE NEIGHBOURHOOD.

CONCEPT:

EBULLIENT - CHEERFUL AND FULL OF ENERGY

DESIGN
ELEMENTS

LIGHT TUBE



STACK EFFECT



RECHARGE WELL

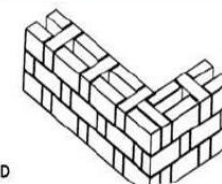


VENTURI EFFECT

OBJECTIVE:

THE CHALLENGE IS TO DESIGN A PARK WITH RECREATIONAL FACILITIES CATERING ITS SERVICE TO THE SURROUNDING NEIGHBOURHOOD. THE PARK SHOULD HAVE BOTH AN OPEN AND ENCLOSED AREA FOR ACTIVITIES.

THE AIM OF THE DESIGN PROPOSAL IS TO PROMOTE SUCH PARKS WHICH IMPROVE BOTH MENTAL AND PHYSICAL HEALTH OF THE POPULATION



RAT TRAP BOND

RECREATIONAL PARK – PROPOSAL

VIEWS



LOCATION OF OUR SITE



Site Dimension - 150 x 100M
located on the outskirts of the town of AMBUR. The area around the site comprises of agricultural lands and acts as a buffer from the city life.

COTTAGE PLANS



LUXURY COTTAGE

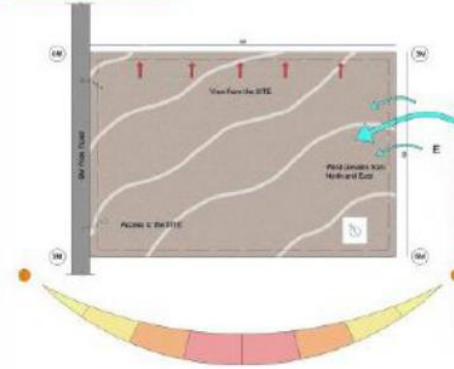
This cottage was conceptualized in the form of a bioculinar or a set of eyes that overlooks the kannar river towards the North. The cottage comprises of an extra bedroom and a bathroom as opposed to the regular cottage.



REGULAR COTTAGE

The regular cottage serves for the individual travellers or pairs. This unit provides the basic requirements of a cottage. All of the exposed windows are boxed to prevent unnecessary solar heat gain into the building. The living space and the bedrooms have been efficiently separated.

SITE ANALYSIS



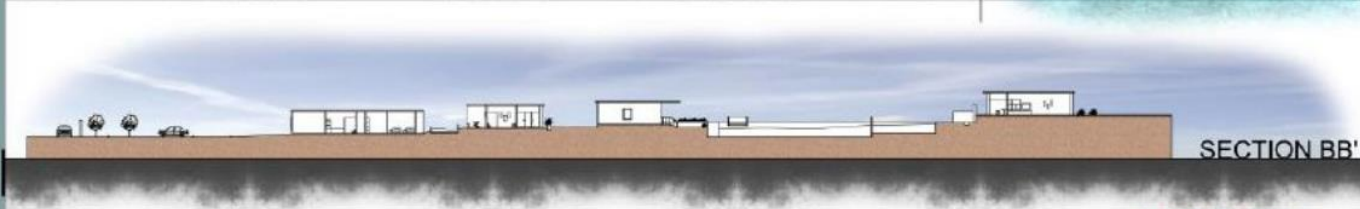
INFERENCE

The site offers a six meter slope diagonally and 3m toward both ends.
Offers prospect of terracing.
The slope facing North provides scope for views.
Site slopes on both directions.
The location of the site also allows people to escape from regular city hassle.

SECTIONS OF THE RESORT



SECTION AA'



SECTION BB'

COTTAGE ELEVATION

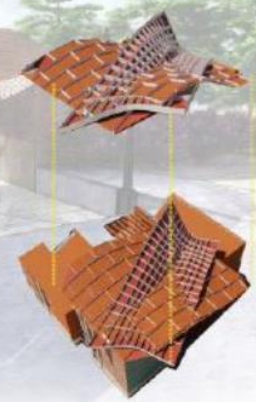
REGULAR COTTAGE



LUXURY COTTAGE



ROOFING



SITE GRADING





CONTENTS

The floor plan comprises of the following spaces-

ADMIN BLOCK
SPA AND SAUNA
INDOOR PLAYAREA
SWIMMING POOL
DINING SPACE
KITCHEN AREA

COTTAGES

LUXURY COTTAGE
 X 7 nos
REGULAR COTTAGE
 X 6 nos

CONTEXT

Our site is located along the kannar river belt, facing the river. The site offers huge potential for a resort as it is located on the outskirts of the town. The site also offers gentle slope that can be worked efficiently.

IDEOLOGY

Our concept was to show that it was possible to create a creative yet a sustainable design in AMBUR. To stand out as an example of sustainability.



REFLECTION:

- The sprint helps to obtain a clear vision of the goals upfront. It forces you to make critical decisions and solve complex problems fast. This means that you and your team can save months of design, engineering and development costs. The bonus? You'll be able to get your product to market faster because you focussed on the right thing.
- Experiment with the tools used, experiment with the time-slots and agenda
- In keeping with the design sprint methodology, each day we focused on a new aspect of the design process. In a span of 6 days, we had a friendly relationship and collaborated on work together to a tight-knit team working on an intense timeline, pitching new directions for the course.
- The re-design of the sprint process accommodated a change of pace of activities and frequent check-ins rather than long work sessions.