

ARCHITECTURE PORTFOLIO

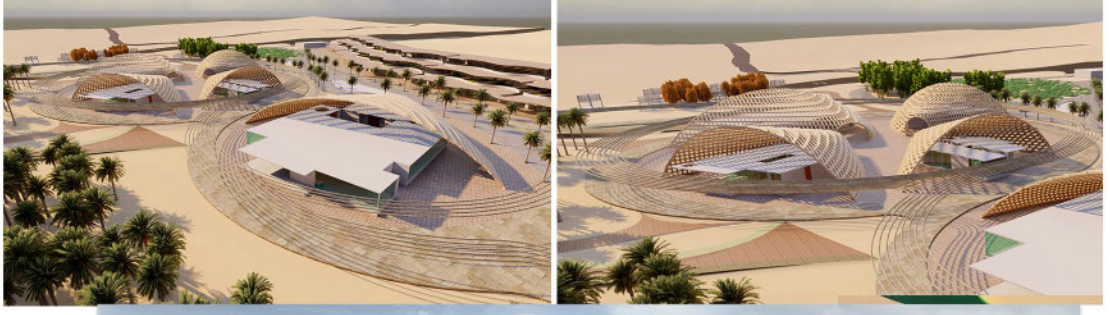
ASAD AHMED



BEACH RESORT: EXPERIENTIAL LUXURY TOURISM RESORT

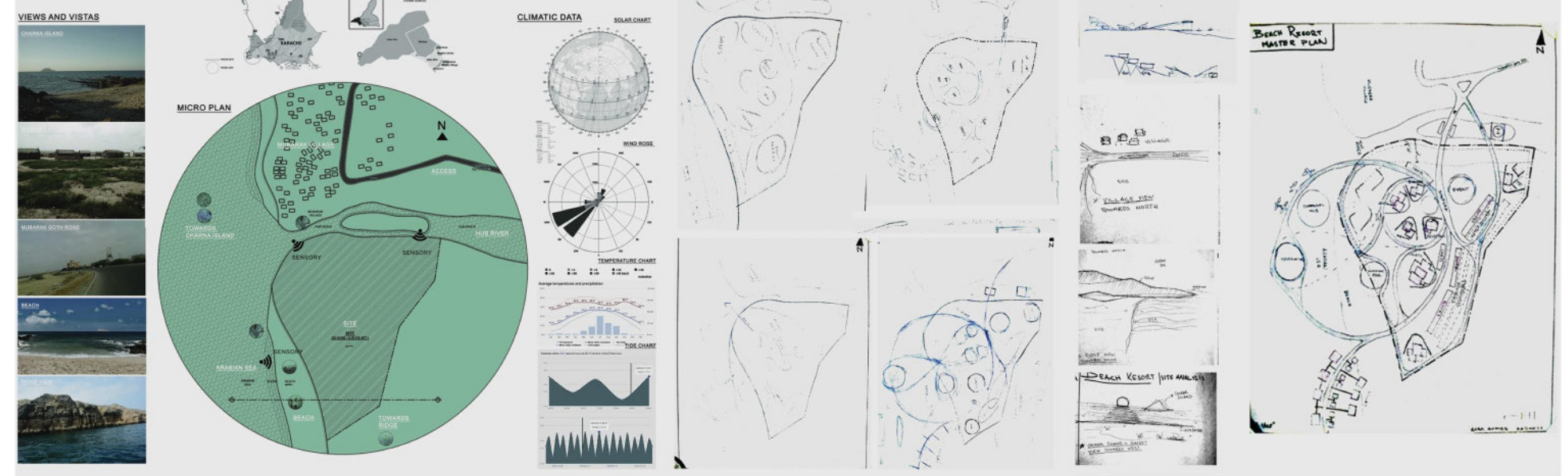
B. ARCH ACADEMIC DESIGN PROJECT
 LOCATION: MUBARAK BEACH, KARACHI, PAKISTAN

MASTER PLAN

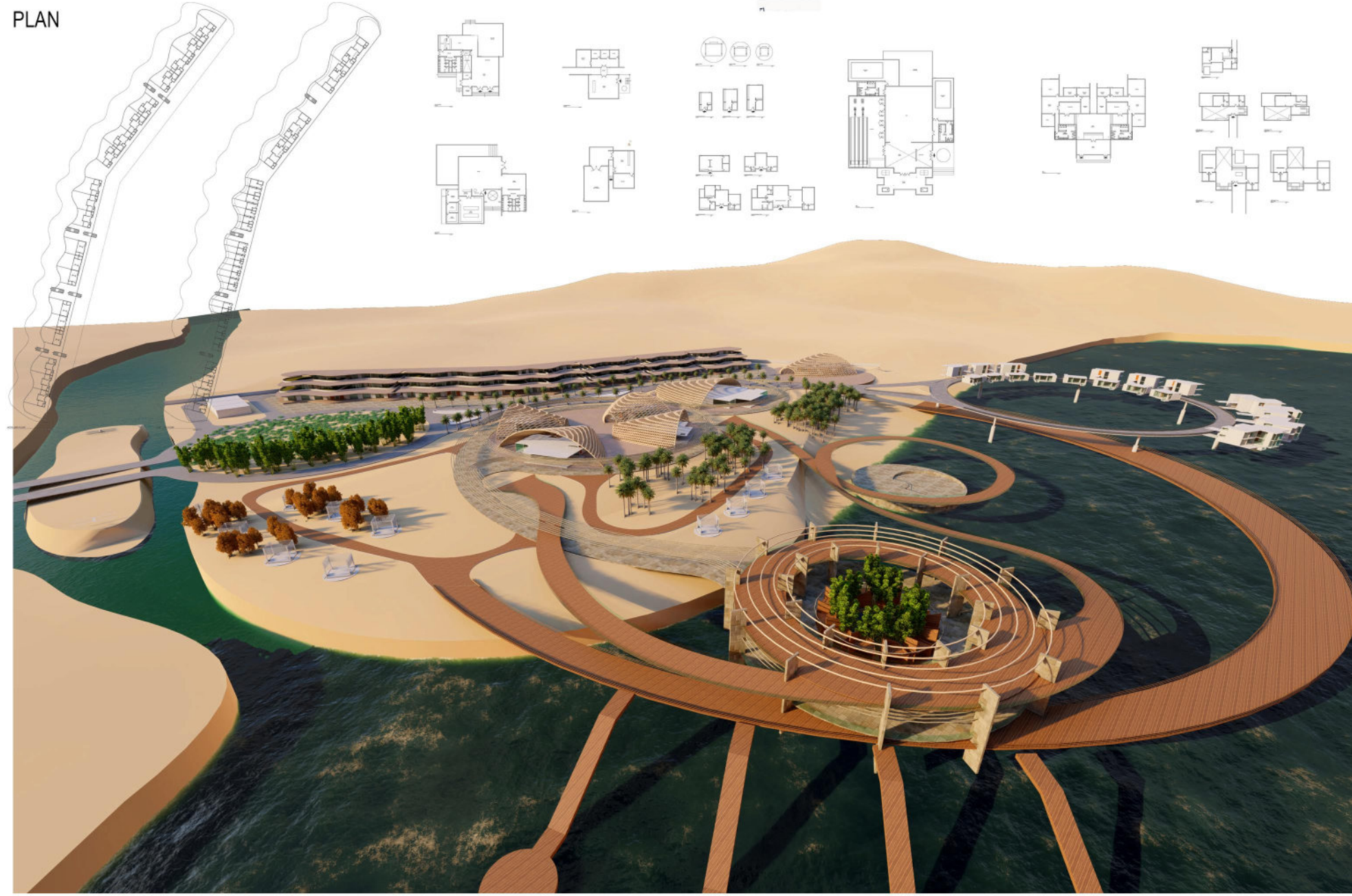


SECTION

ANALYSIS



PLAN



MAGGIE'S CENTRE: REHABILITATION CENTRE FOR CANCER PATIENT THROUGH BIOPHILIC DESIGN APPROACH

B. ARCH ACADEMIC DESIGN PROJECT
 LOCATION: AYUB MEDICAL CENTER, ABBOTTABAD, PAKISTAN.

SITE ANALYSIS

INTRODUCTION
 The project is a rehabilitation center for cancer patients, designed using a biophilic design approach. The center is located at Ayub Medical Center, Abbottabad, Pakistan. The design aims to create a healing environment that integrates nature and architecture, providing a therapeutic space for patients and their families.

CONTEXT ANALYSIS
 The site is located in a developed area with existing medical facilities. The design respects the existing context while introducing a new, biophilic building form.

DESIGN OBJECTIVES
 - Create a healing environment through biophilic design.
 - Provide a therapeutic space for cancer patients.
 - Integrate nature and architecture.

LANDSCAPE
 The landscape design includes various plant species and outdoor spaces to enhance the biophilic experience.

PRELIMINARY RELATIONS
 The master plan shows the building's relationship to the site, including parking, roads, and landscaping.

MORPHOLOGY

DETAILS OF THE BUILDING FORM
 The building features a complex, organic form with curved walls and a central courtyard. The design is inspired by natural forms and aims to create a sense of movement and flow.

DETAILS OF COURTYARDS
 The courtyards are designed to provide a connection to nature, with various plant species and outdoor seating areas.

DETAILS OF EXTERIOR MATERIALS
 The building uses a mix of materials, including concrete, stone, and wood, to create a warm and inviting atmosphere.

LANDSCAPE

INDIVIDUAL TREE SPECIES

- JASMINE FLOWER 01**
 Known for its sweet fragrance, it is used to create a calming and relaxing atmosphere.
- LAVENDER FLOWER 02**
 Lavender is known for its calming and stress-reducing properties.
- ROSEMARY FLOWER 03**
 Rosemary is known for its invigorating and refreshing scent.
- ALOE VERA PLANT 04**
 Aloe vera is known for its medicinal properties and is used to create a healing environment.
- SPIDER PLANT 05**
 Spider plants are known for their air-purifying properties and are used to create a clean and healthy environment.
- FRASER LILY FLOWER 06**
 Fraser lilies are known for their vibrant colors and are used to create a bright and cheerful atmosphere.

SHADOW ANALYSIS

SEPTEMBER 21 **JUNE 21** **DECEMBER 21**

PLANS

1 MASTER PLAN
 SCALE 1/8" = 1'

2 GROUND FLOOR PLAN
 SCALE 1/8" = 1'

3 FIRST FLOOR PLAN
 SCALE 1/8" = 1'

MASTER PLAN

1 MASTER PLAN
 SCALE 1/8" = 1'

SECTION

3 SECTION AT BB
 SCALE 1/8" = 1'

3 ELEVATION FROM E2
 SCALE 1/8" = 1'

HVAC **SEWERAGE SYSTEM** **WATER SUPPLY**

PASSIVE STRATEGIES

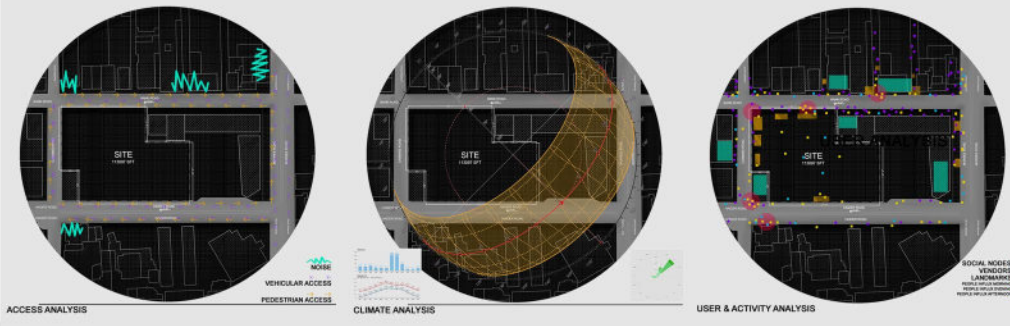
RAIN WATER STORAGE TANK **BIO SAND FILTER** **FOR IRRIGATION**

3 SECTIONAL DETAIL
 SCALE 1/8" = 1'

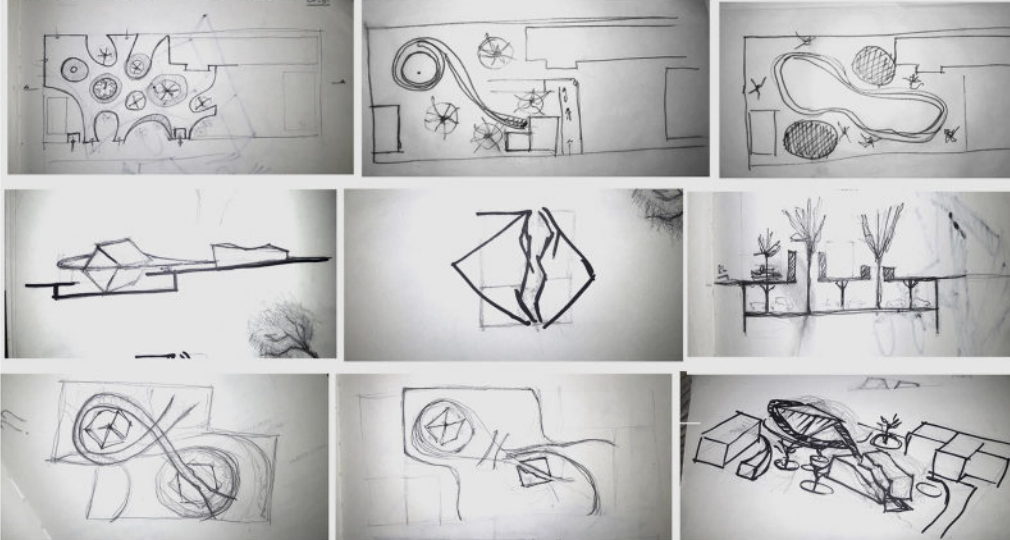
PLACEMAKING: REVISITING THE VOIDS IN URBANSCAPE OF SADDAR MARKET

B. ARCH ACADEMIC DESIGN PROJECT
LOCATION: SADDAR, RAWALPINDI, PAKISTAN.

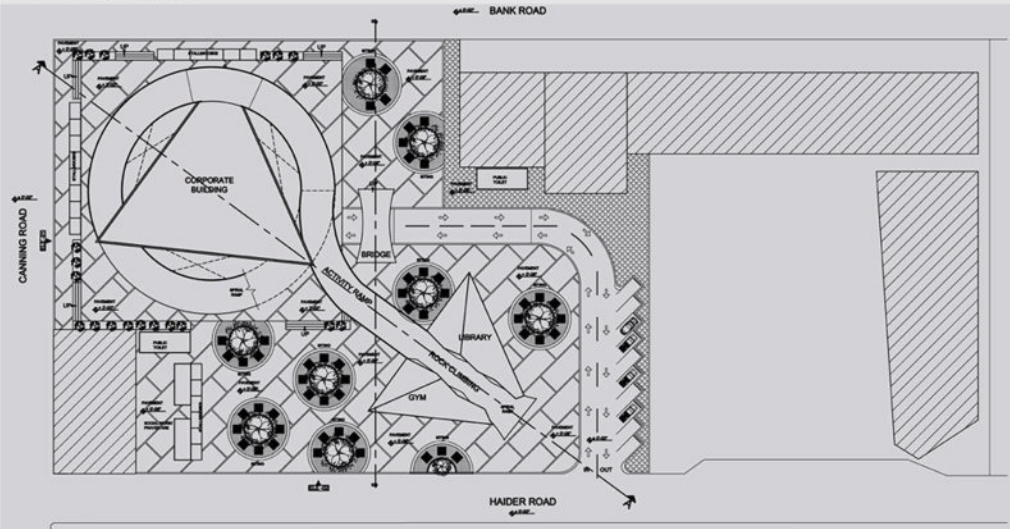
SITE & USER ANALYSIS



CONCEPTUAL SKETCHES

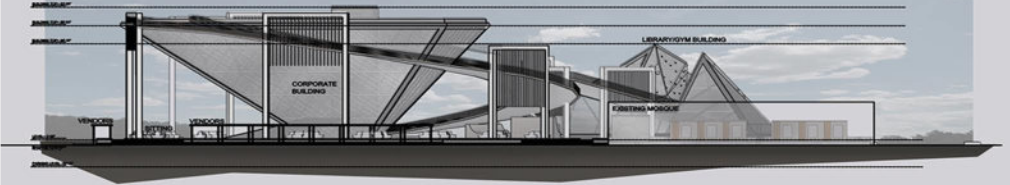


MASTER PLAN

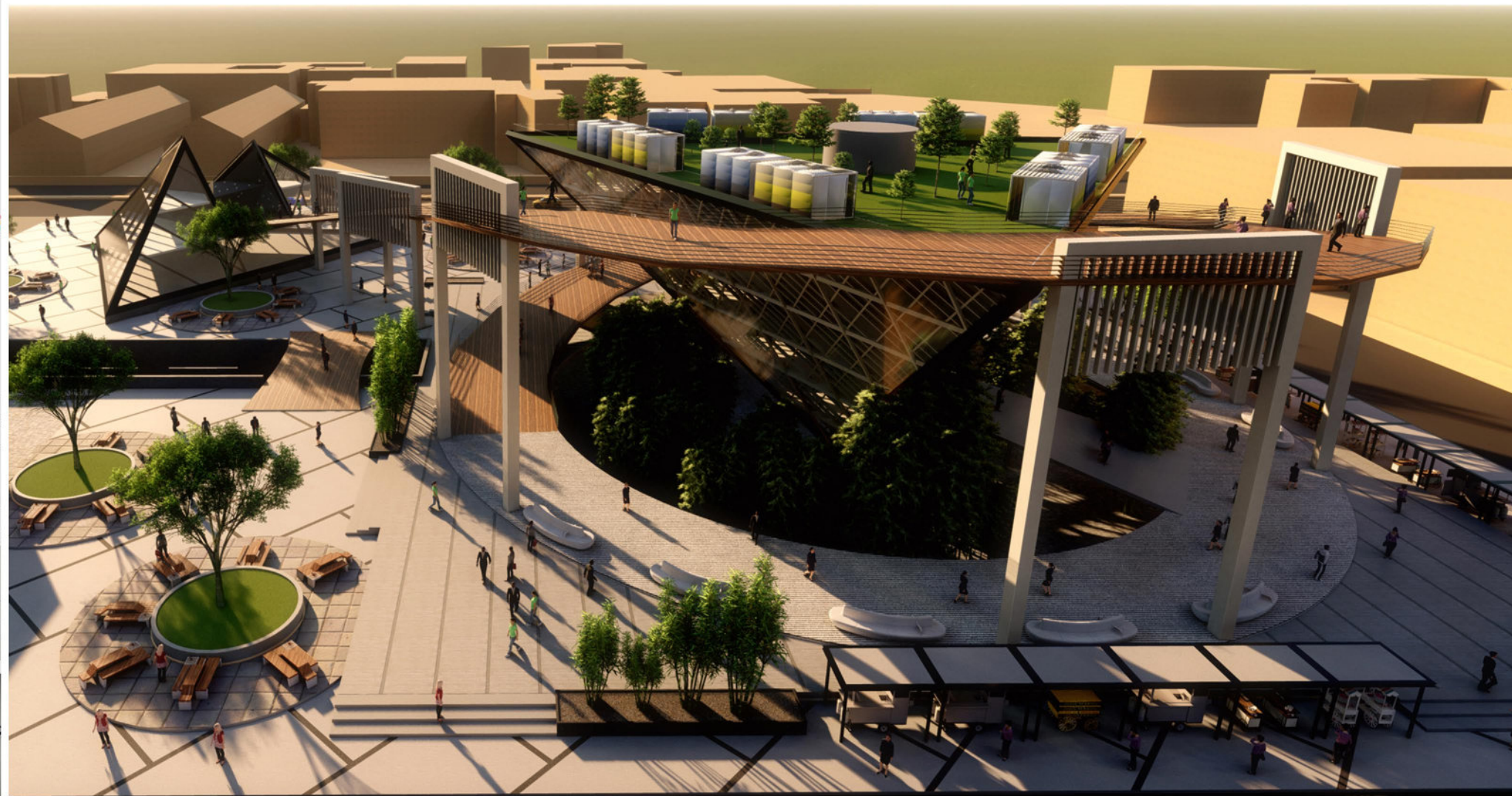


MASTERPLAN SCALE 1/2" = 1'

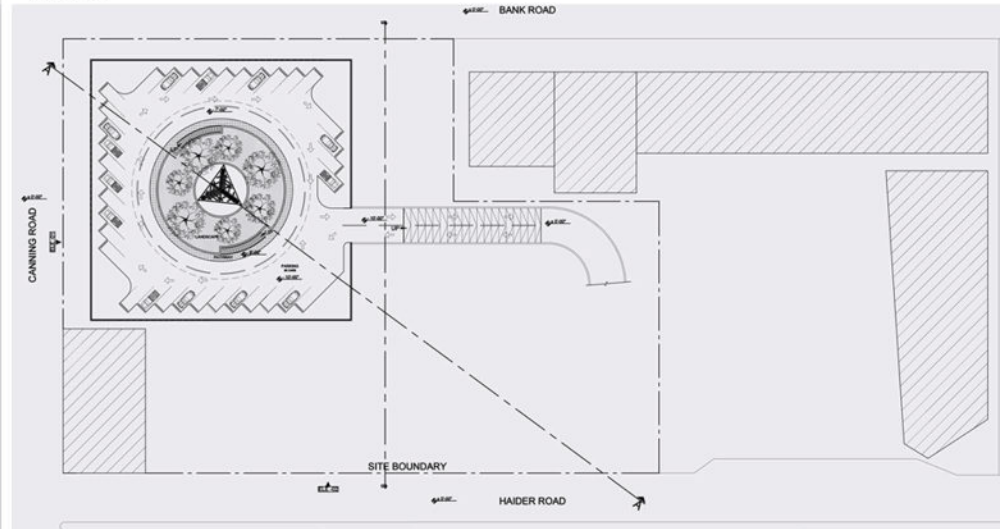
SECTION



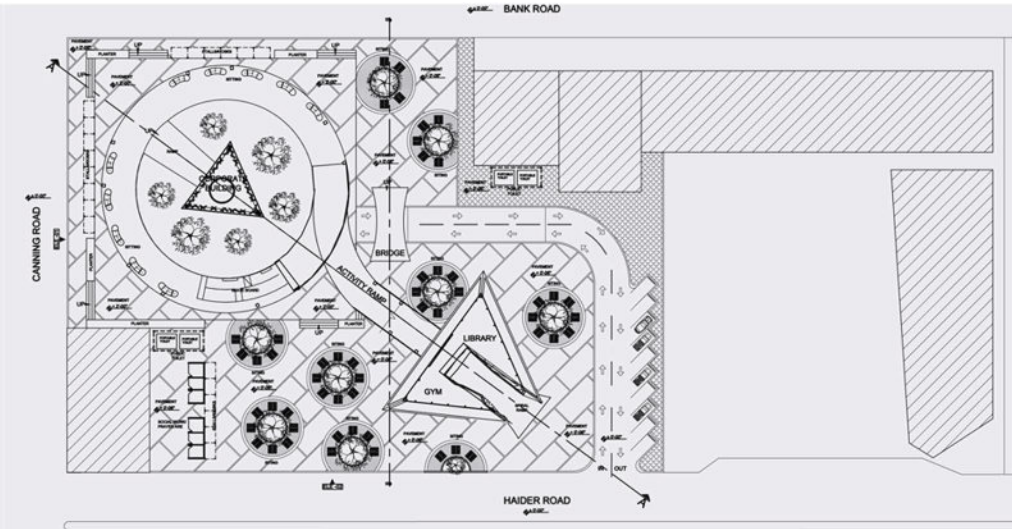
ELEVATION AT 01 SCALE 1/2" = 1'



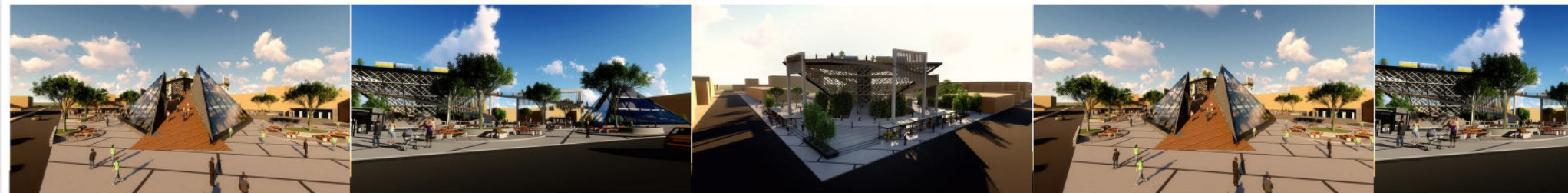
PLANS



BASEMENT PARKING AT LEVEL -10'-00" SCALE 1/2" = 1'

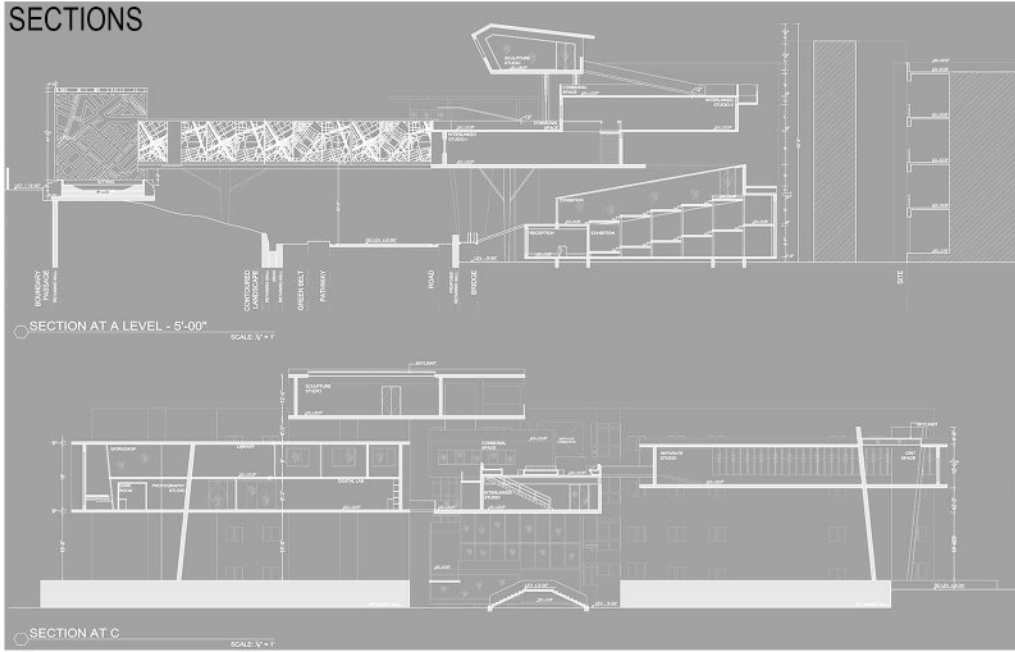
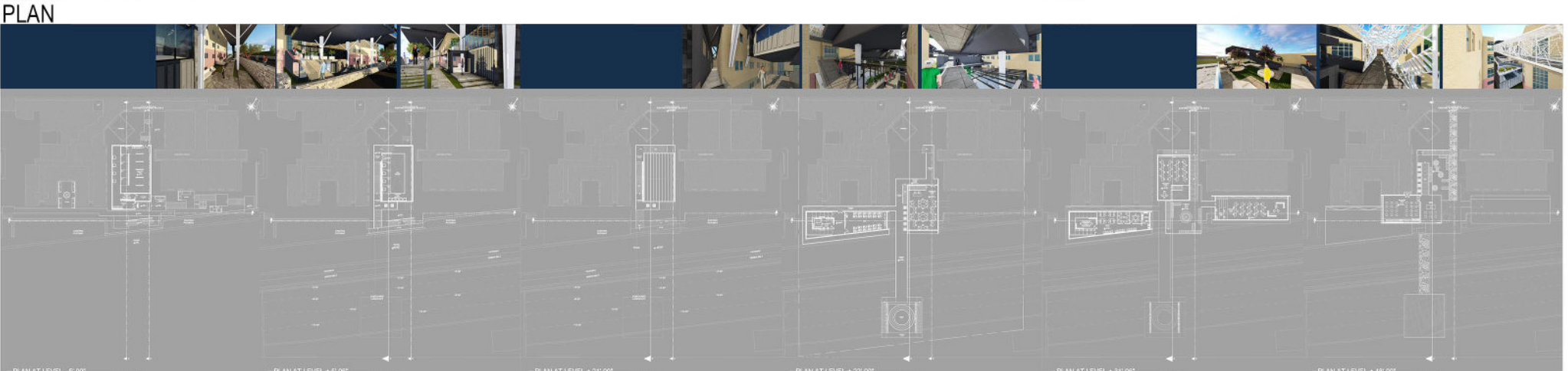
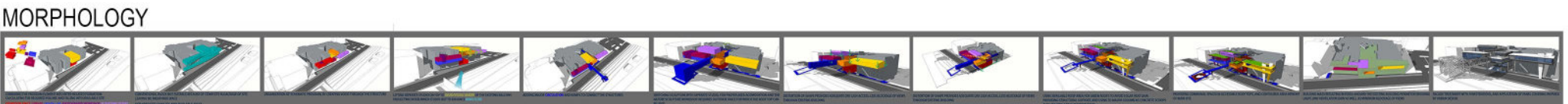
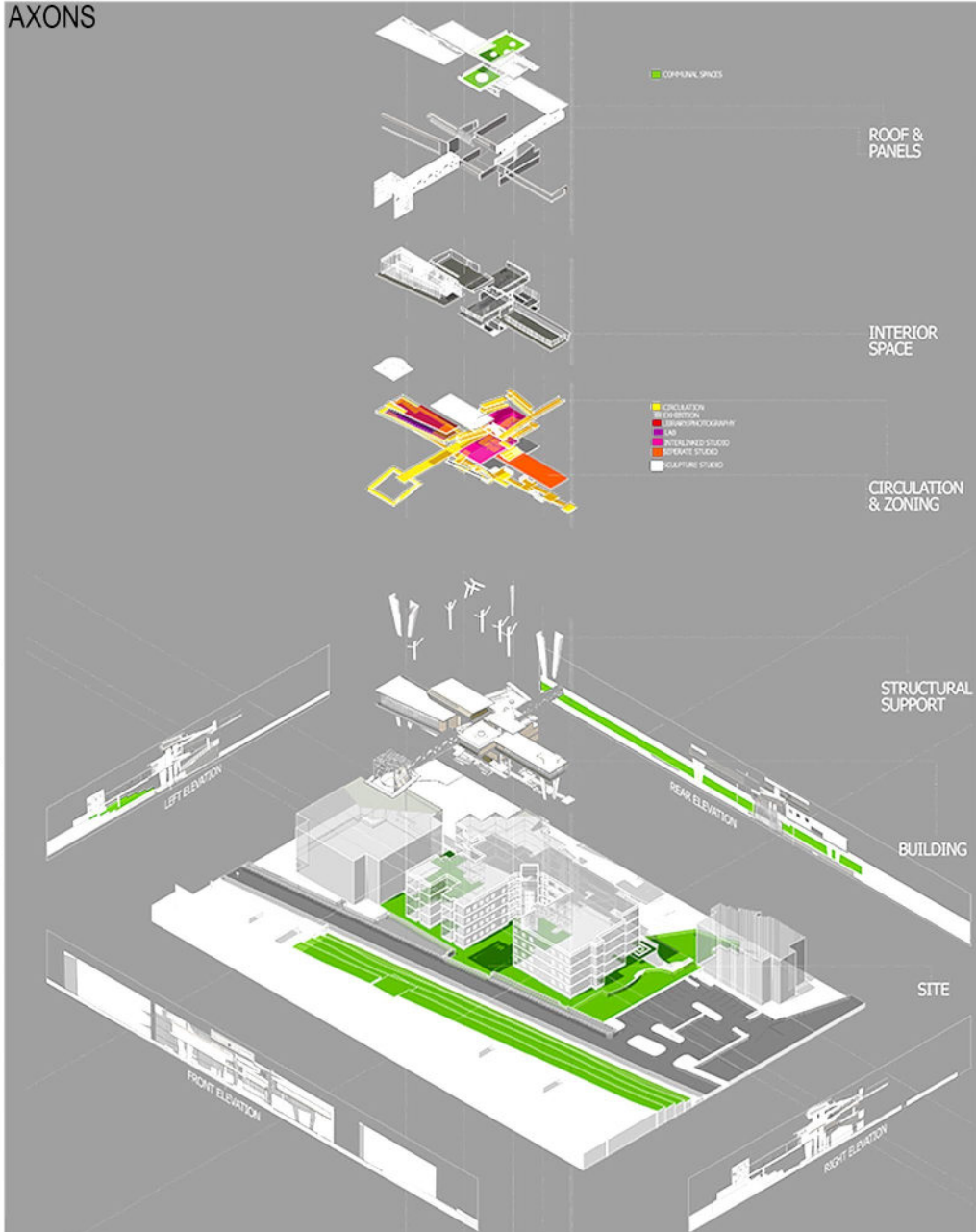
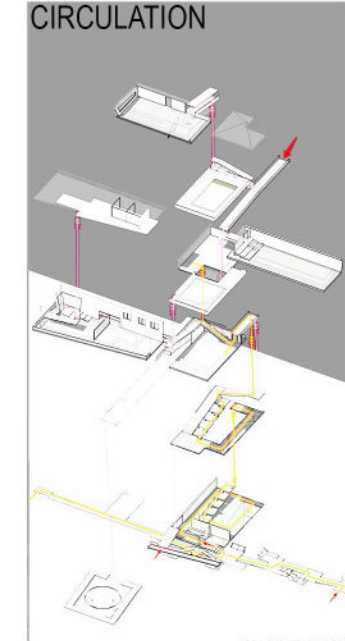
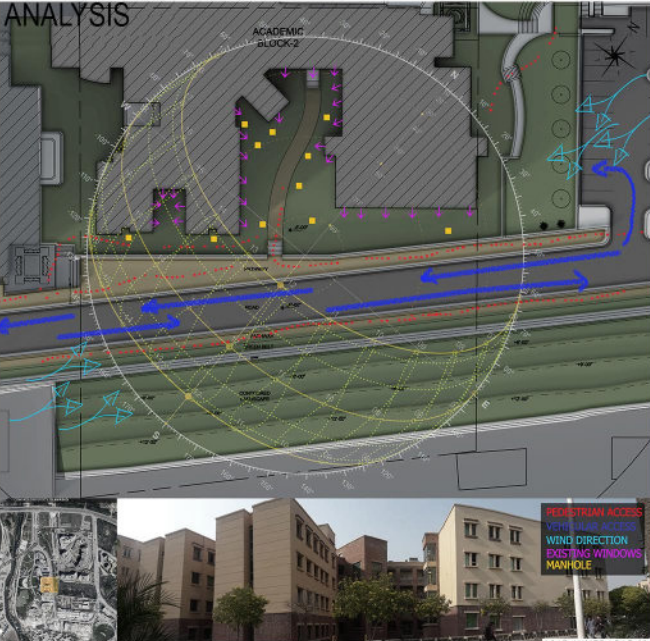


GROUND PLAN AT LEVEL +5'-00" SCALE 1/2" = 1'



PARASITIC ARCHITECTURE: EXTENSION OF COMSATS UNIVERSITY ARCHITECTURE DEPARTMENT

B. ARCH ACADEMIC DESIGN PROJECT
LOCATION: CUJ, ISLAMABAD, PAKISTAN.



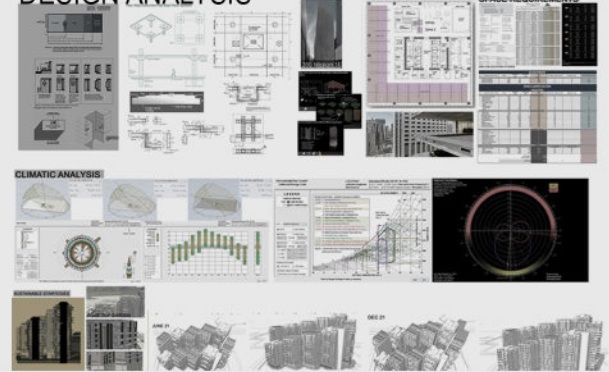
HIGHRISE BUILDING: COMUNITY APARTMENT BUILDING WITH INTEGRATED USER SPECIFIC AMENITITES

B. ARCH ACADEMIC DESIGN PROJECT
LOCATION: SECTOR E-11, ISLAMABAD, PAKISTAN.

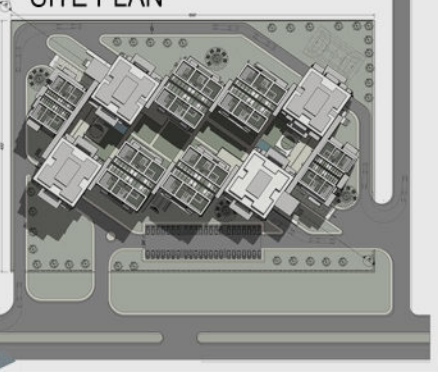
SITE



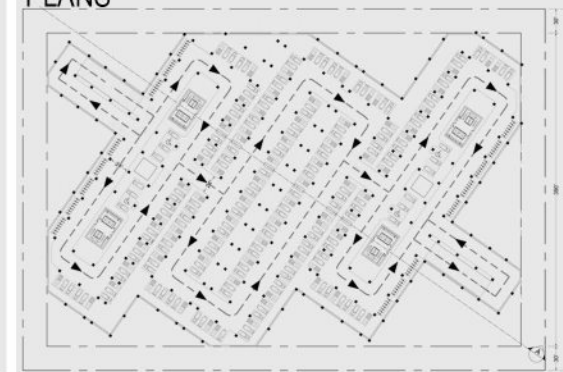
DESIGN ANALYSIS



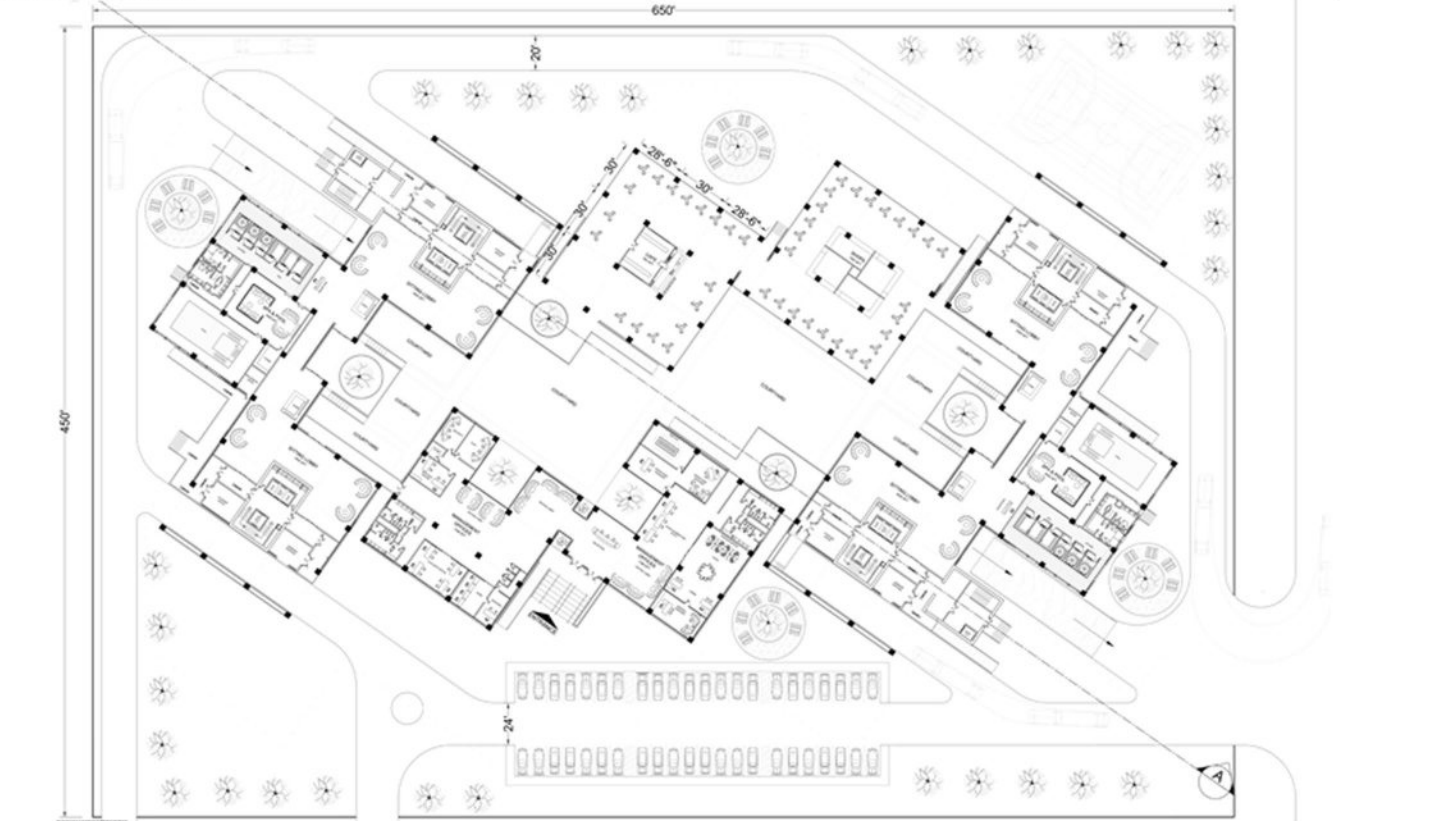
SITE PLAN



PLANS



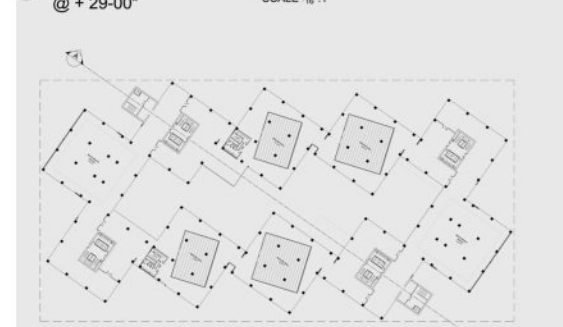
MASTER PLAN



BASEMENT



FIRST-FLOOR



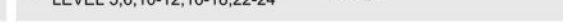
SECOND-FLOOR



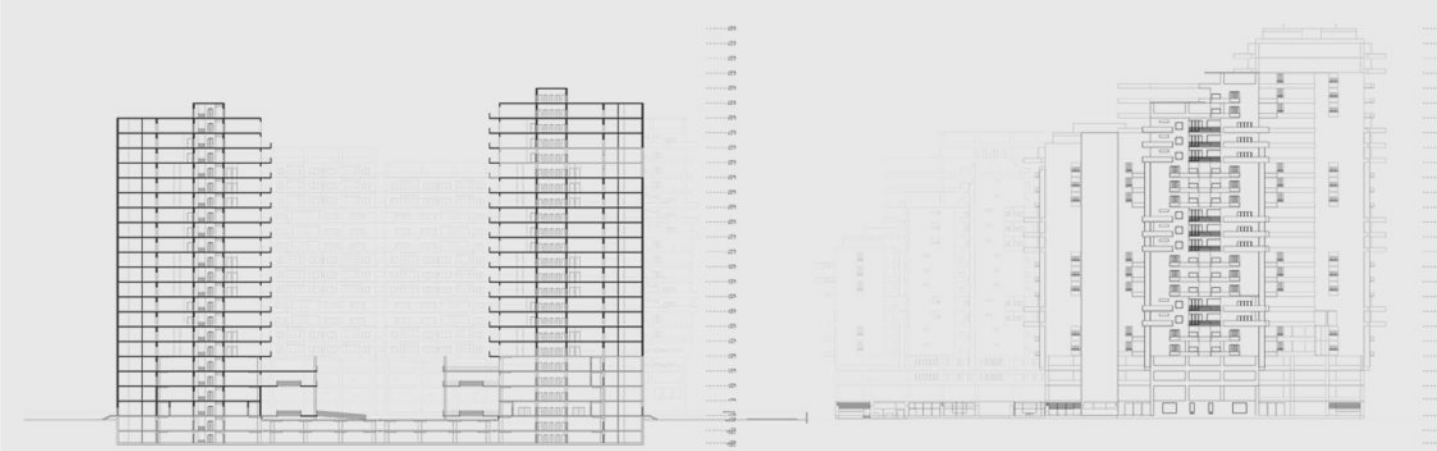
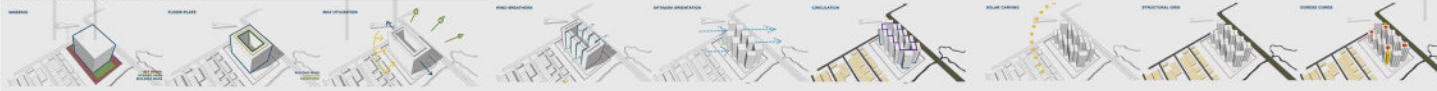
TYPICAL APARTMENT PLAN



TYPICAL APARTMENT PLAN



MORPHOLOGY



SECTION AT A-A

EAST ELEVATION



COURTYARD

ROOFTOP GARDEN

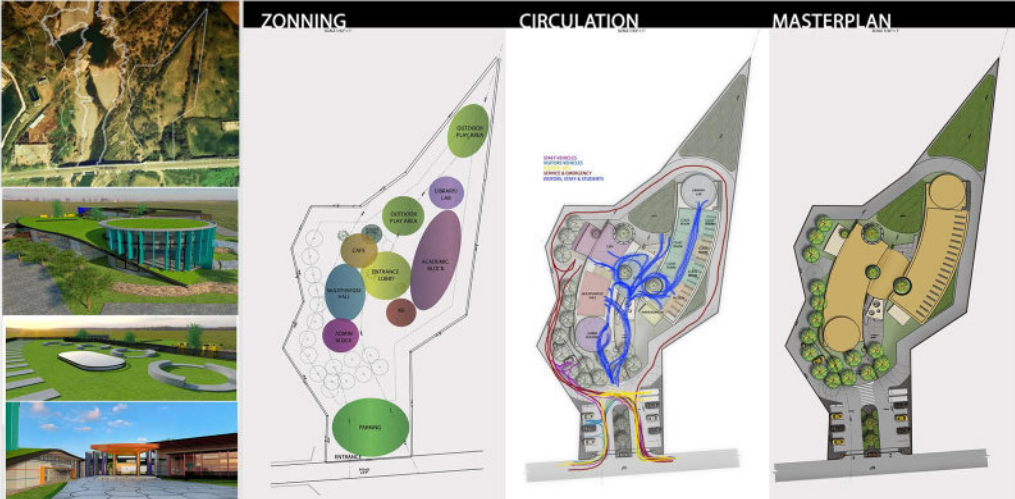
COURTYARD

ENTRANCE

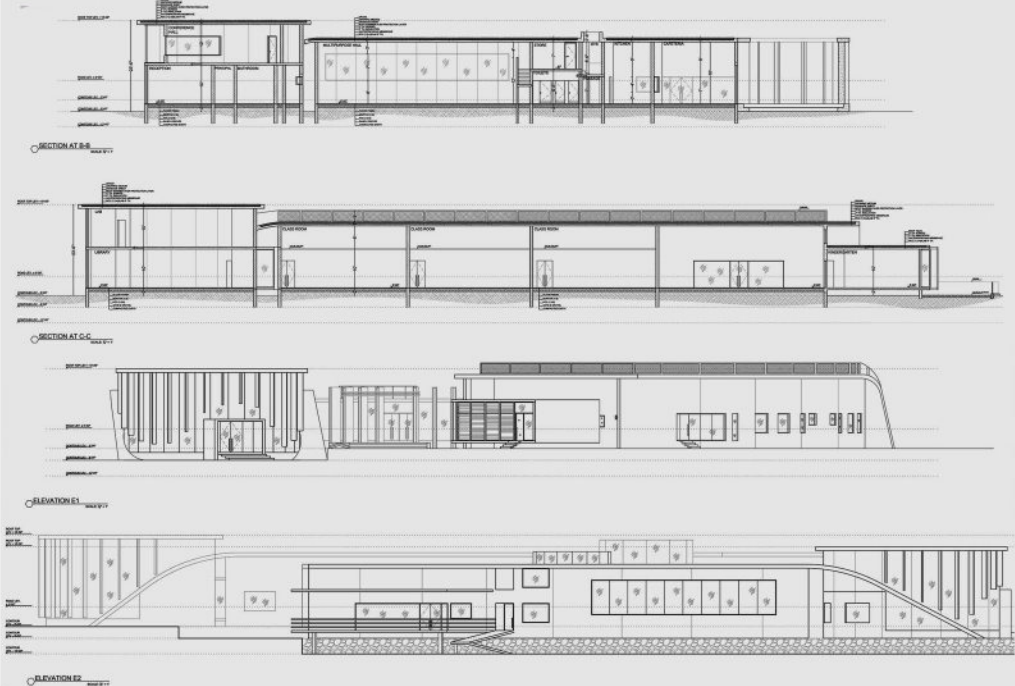
PRIMARY SCHOOL: NATURE INTEGRATED LEARNING

B. ARCH ACADEMIC DESIGN PROJECT
LOCATION: SADDAR, RAWALPINDI, PAKISTAN.

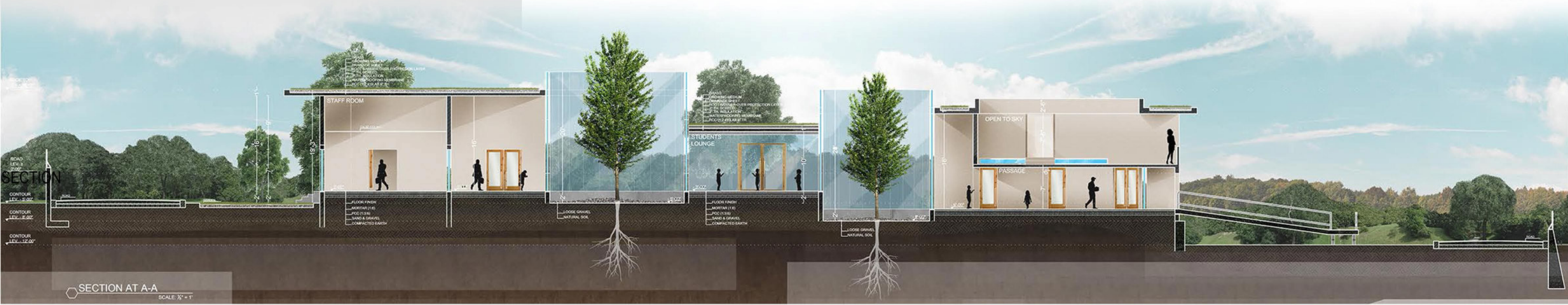
SITE & DESIGN ANALYSIS



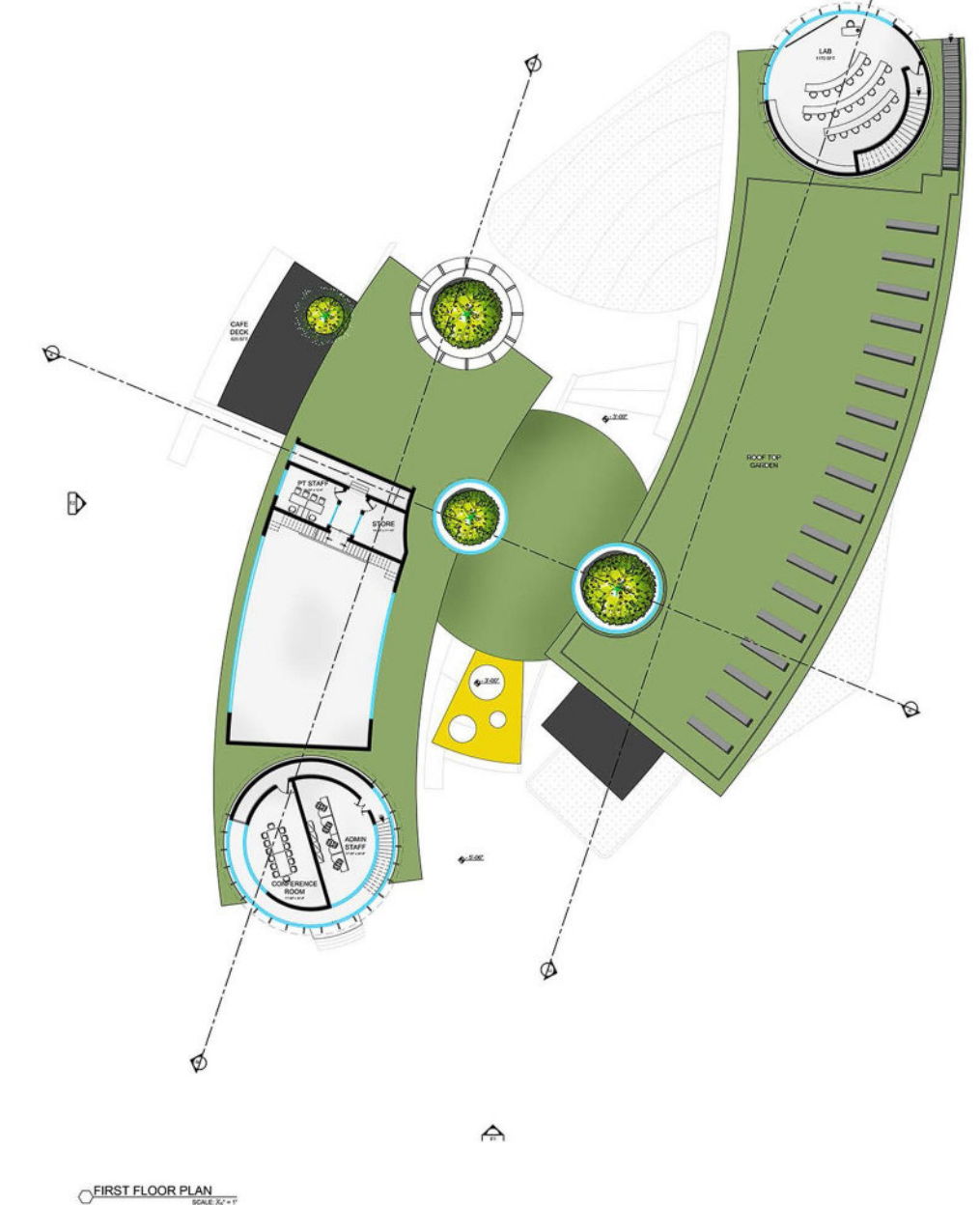
SECTIONS & ELEVATIONS



SITE SECTION



PLANS



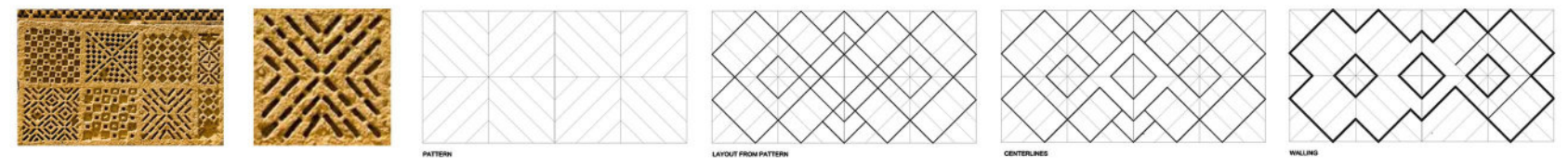
LIBRARY BUILDING: COMMUNITY LIBRARY DESIGN ORIGINATED THROUGH GEOMETRIC PATTERN

B. ARCH ACADEMIC DESIGN PROJECT
LOCATION: BAHRIA ENCLAVE, ISLAMABAD, PAKISTAN

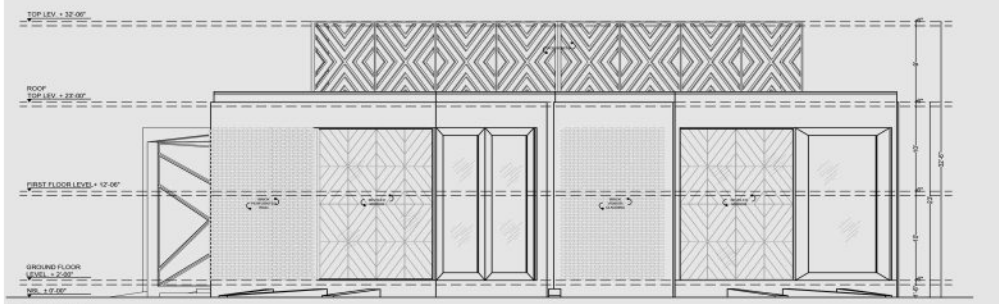
SITE



PATTERN



ELEVATION



PLANS

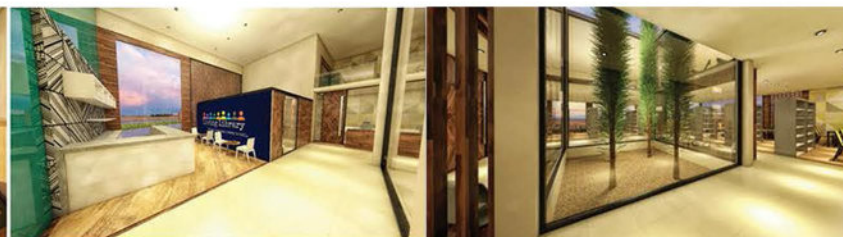
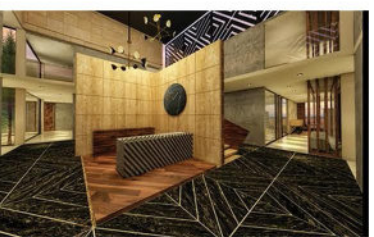
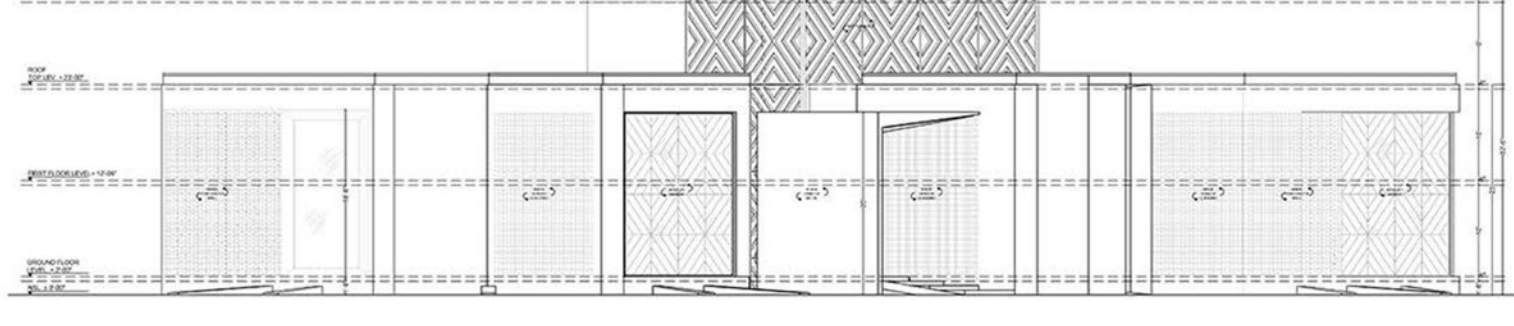
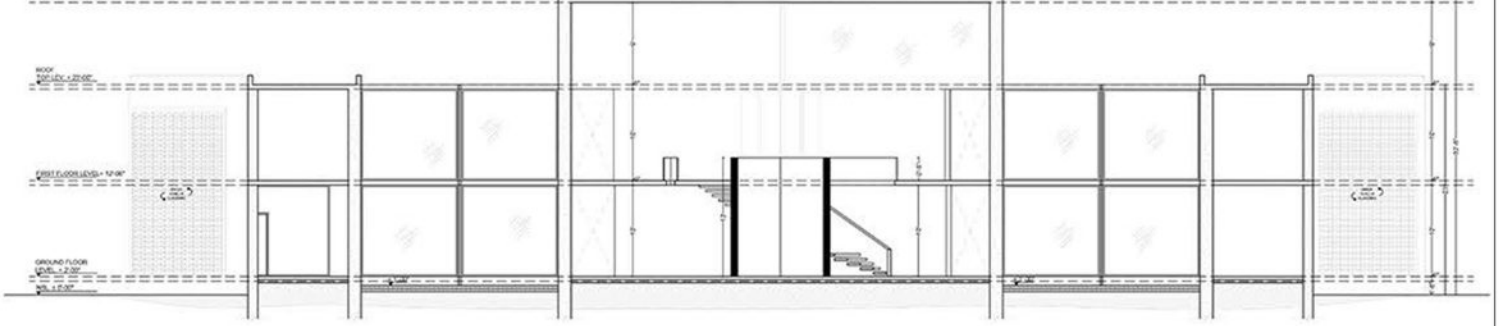


MORPHOLOGY

PLAN



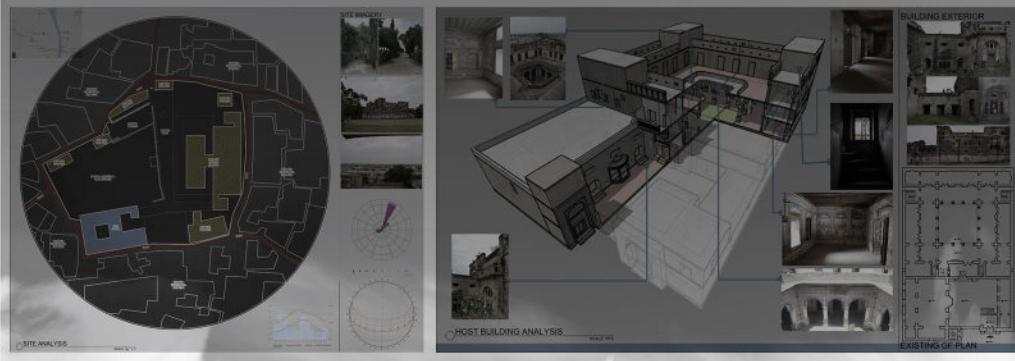
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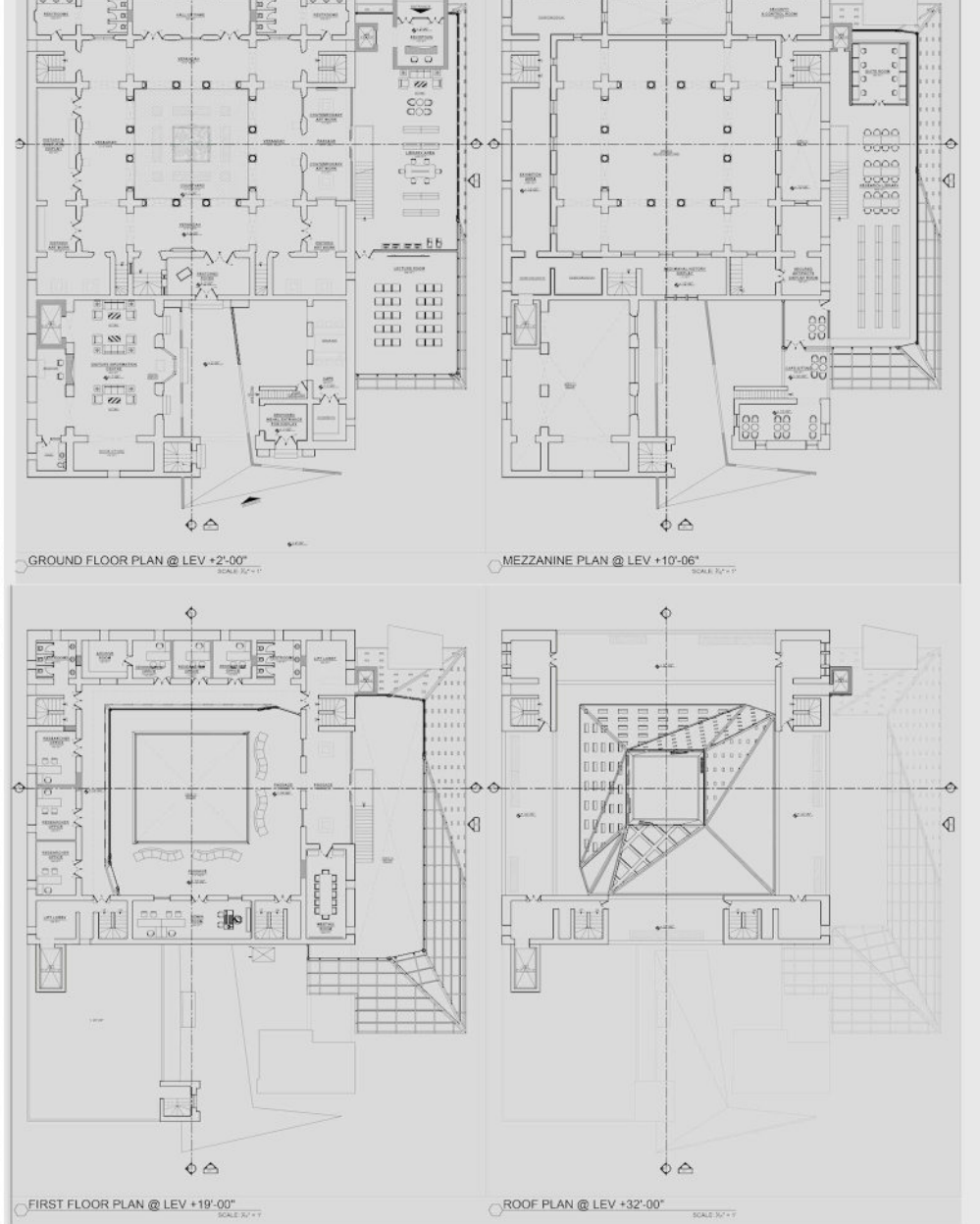
ADAPTIVE REUSE: CULTURAL RESEARCH MUSUEM

B. ARCH ACADEMIC DESIGN PROJECT
LOCATION: BEDI MAHAL, KALLAR SYEDAN, PAKISTAN

ANALYSIS



PLAN



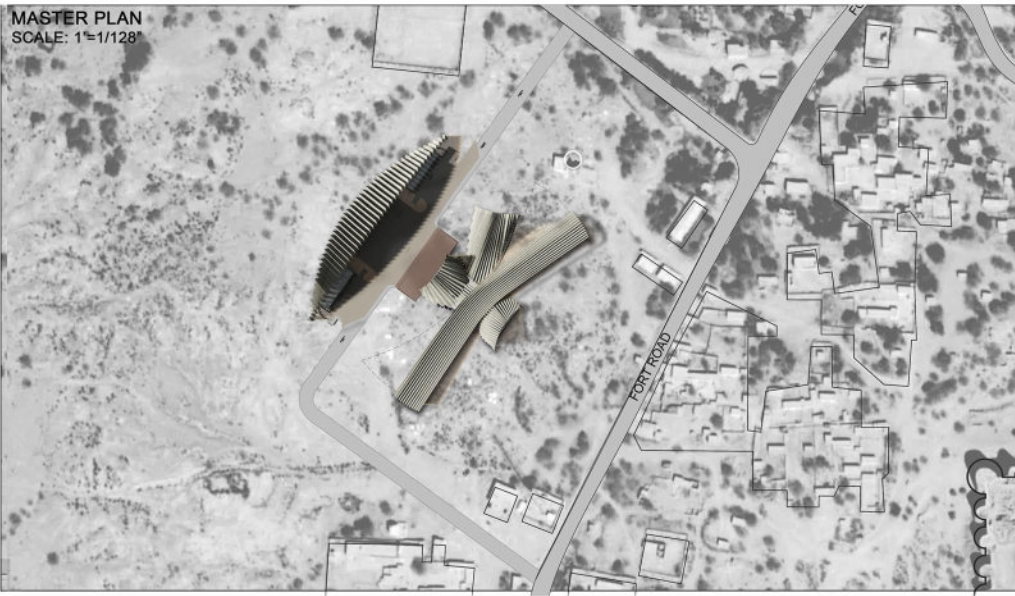
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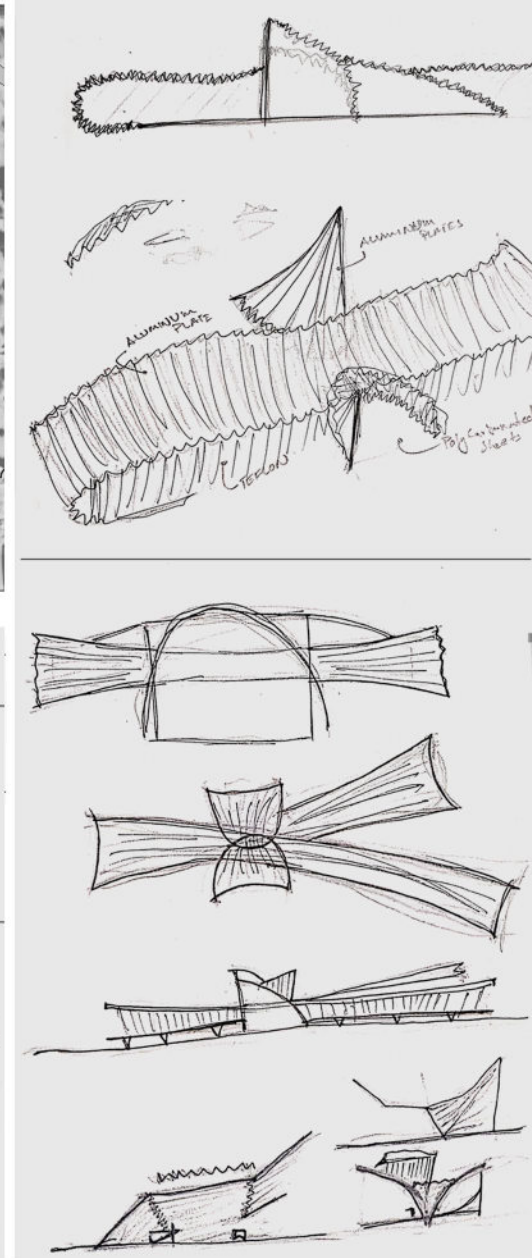
TRANSIENT STRUCTURE: TRANSFORMABLE STRUCTURE TO ACCOMODATE ANNUAL JEEP RALLY PARTICIPANTS IN CHOLISTAN DESERT

B. ARCH ACADEMIC DESIGN PROJECT
LOCATION: CHOLISTAN DESERT, PAKISTAN.

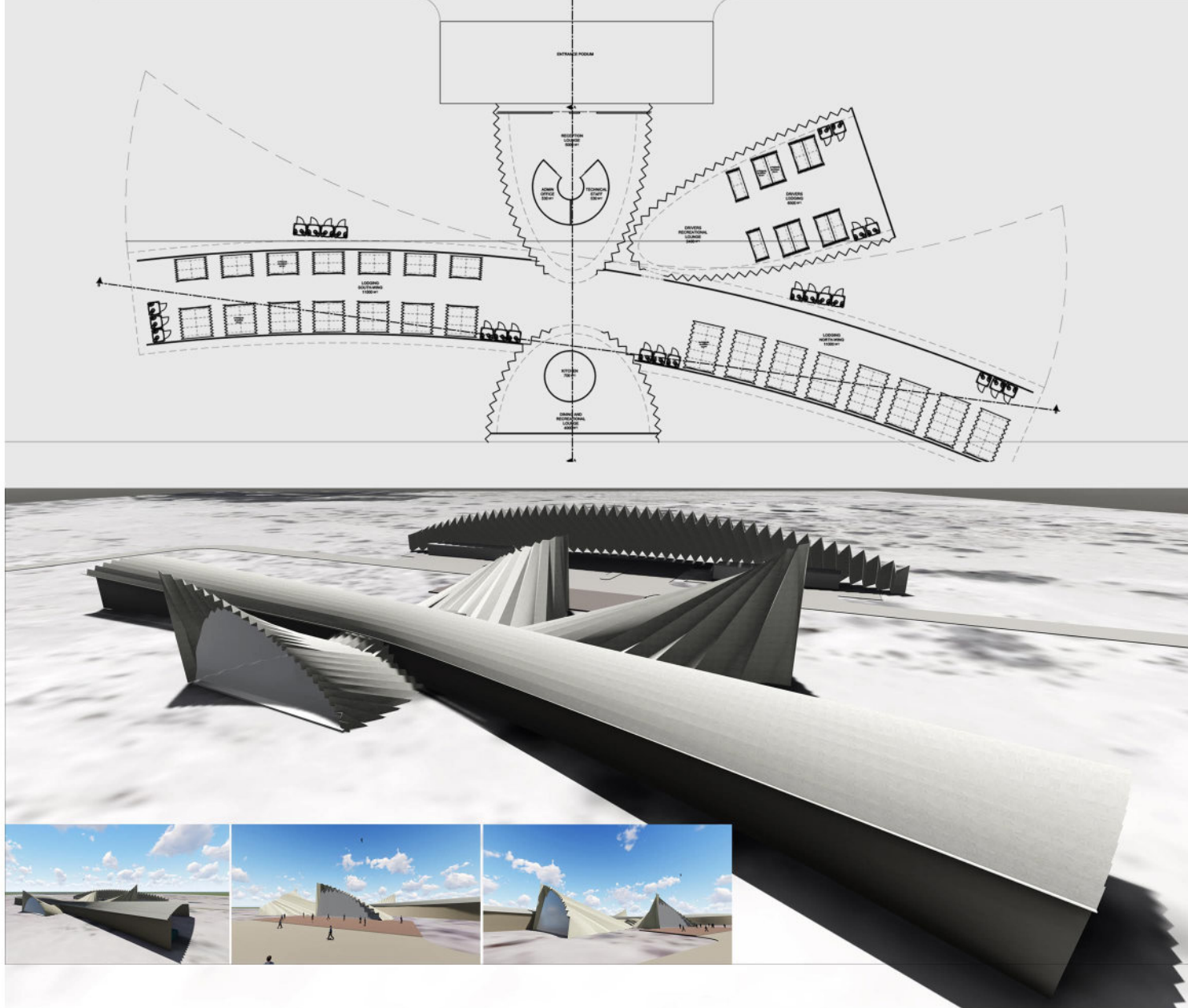
MASTER PLAN



FORM SKETCHES



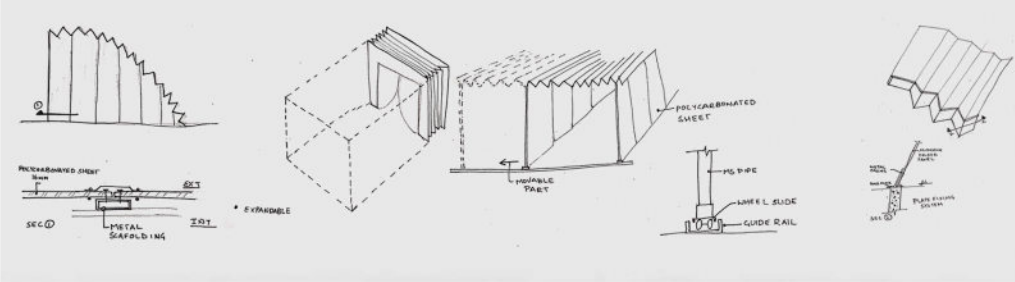
PLAN



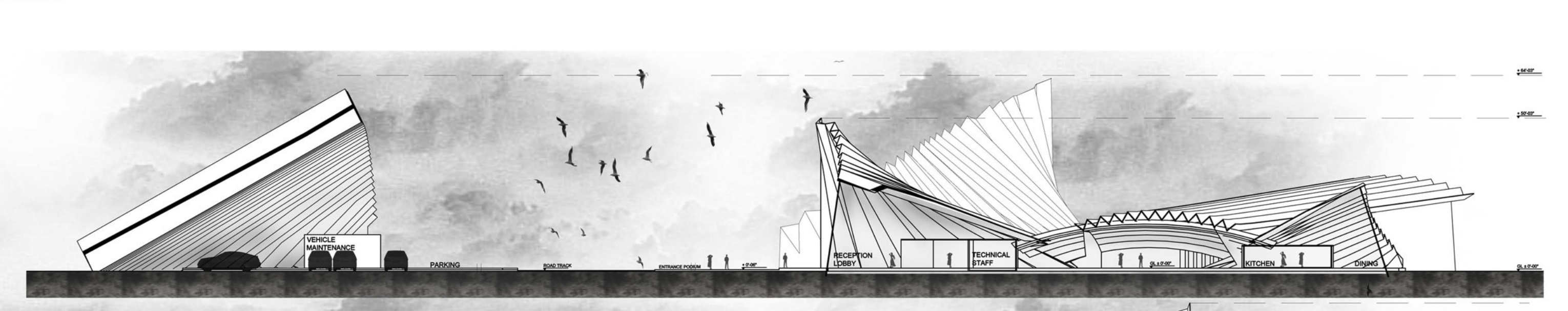
SCHEMATICS



TRANSFORMABLE STRUCTURE WORKING



SECTION



ASAD AHMED

THANK YOU

