

ARCHITECTURAL PORTFOLIO

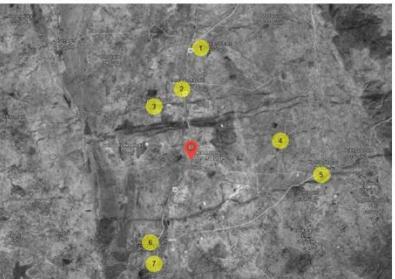
YEAR 2025



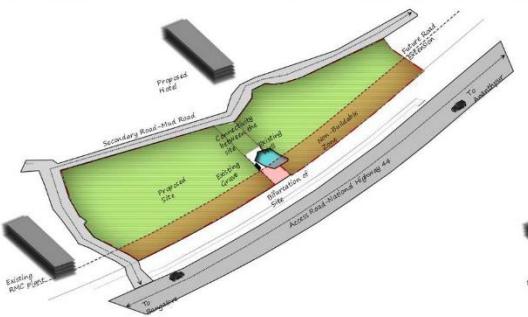
COMMERCIAL COMPLEX DESIGN PROJECT



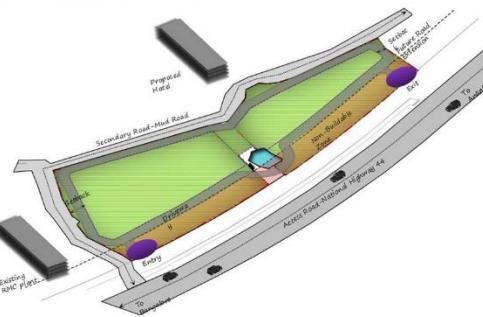
SITE ANALYSIS



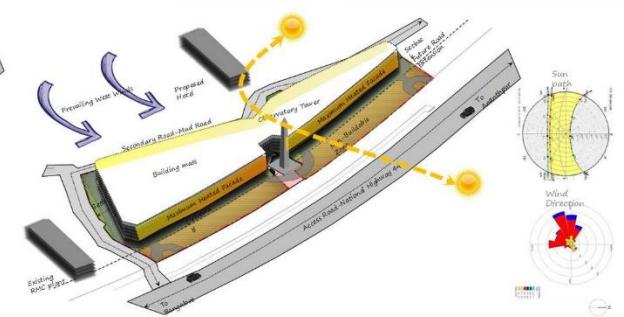
Location



Site context



Access road & Pathways



Climatic influence

PROJECT BRIEF

To design a commercial complex/highway mall for 3.65 Acre.

To be the pull factor from NH 44 highway, neighborhood villages.

To achieve maximum number of parking considering future traffic.

To be iconic design, creating a benchmark for future design.

The site is located in hot and dry zone , hence the design should be in responsive architecture.

REQUIREMENTS

- Car Parking/Spa
- Pedestrian Walkway
- Observatory Tower
- Amphi Theatre
- Food Court
- F &B outlet
- Restaurant
- Retail outlet
- Multipurpose hall
- Garden
- Clinic
- Games /Kids area
- Fuel station
- Swimming pool

SITE PLAN AND AERIAL VIEW



LEGENDS

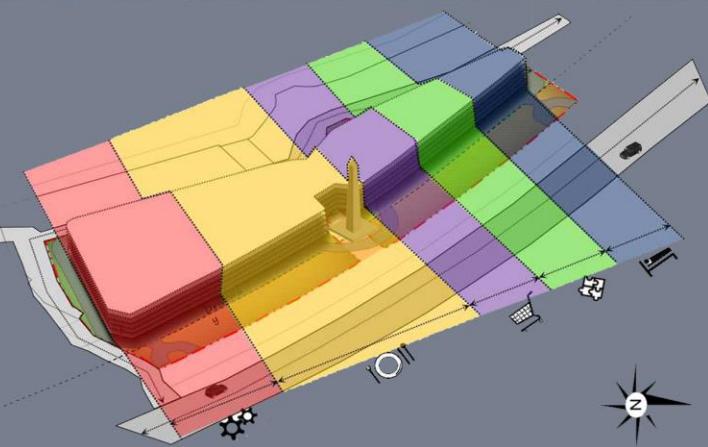
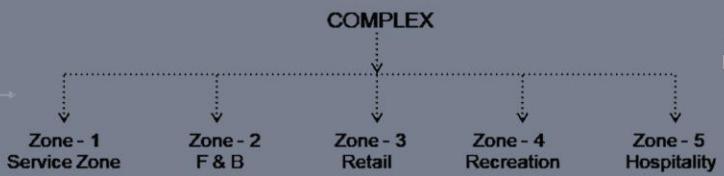
1. Access road
2. Entry
3. Driveway
4. Car Parking/spa
5. Bike Parking
6. Pedestrian Walkway
7. Arrival Plaza
8. Observatory Tower
9. Amphi Theatre
10. Central Food Court
11. F &B outlet
12. Restaurant
13. Retail outlet
14. toilets
15. Central Kitchen
16. Elevated Walkway
17. Multipurpose hall



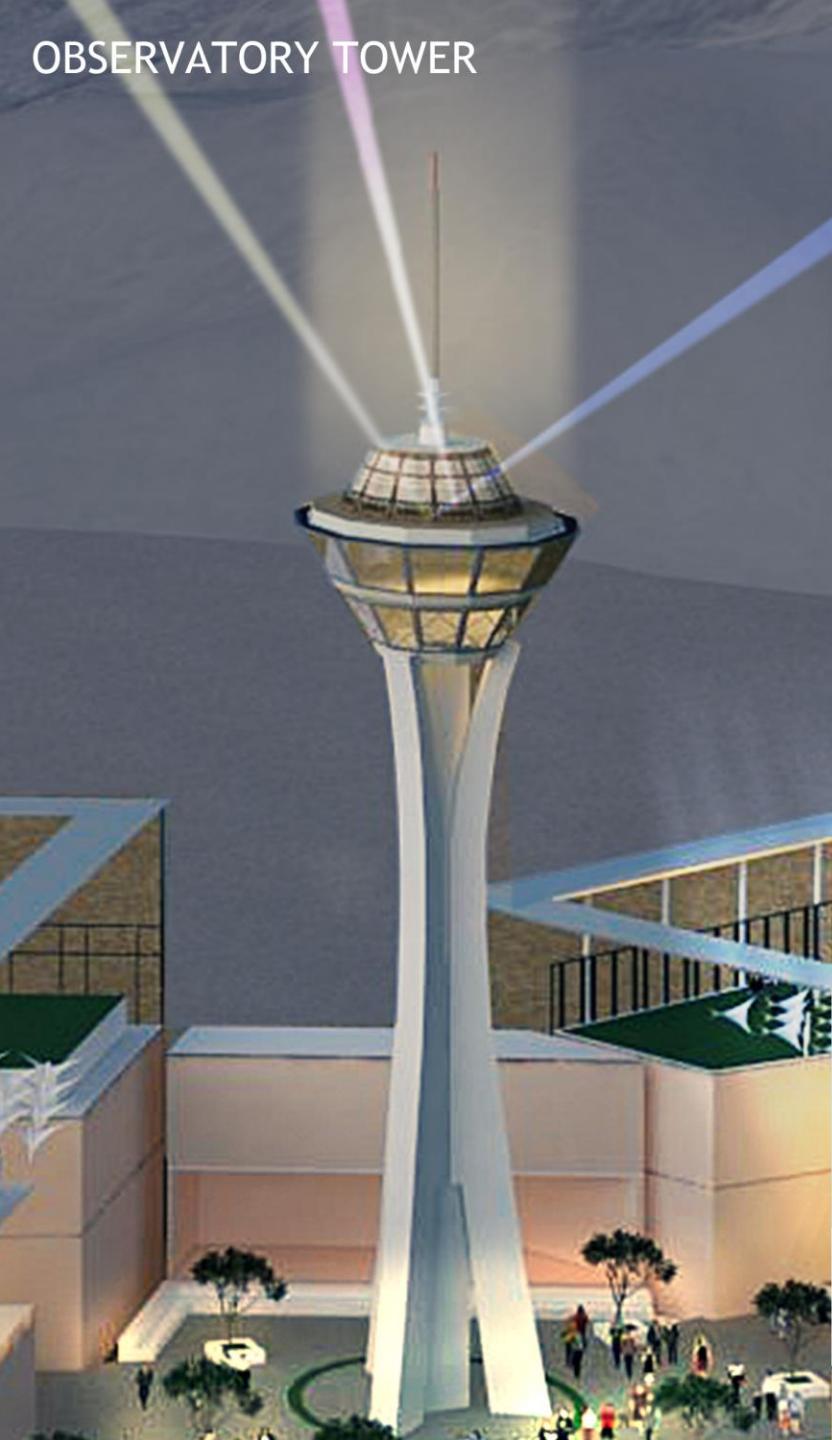


SITE ZONING

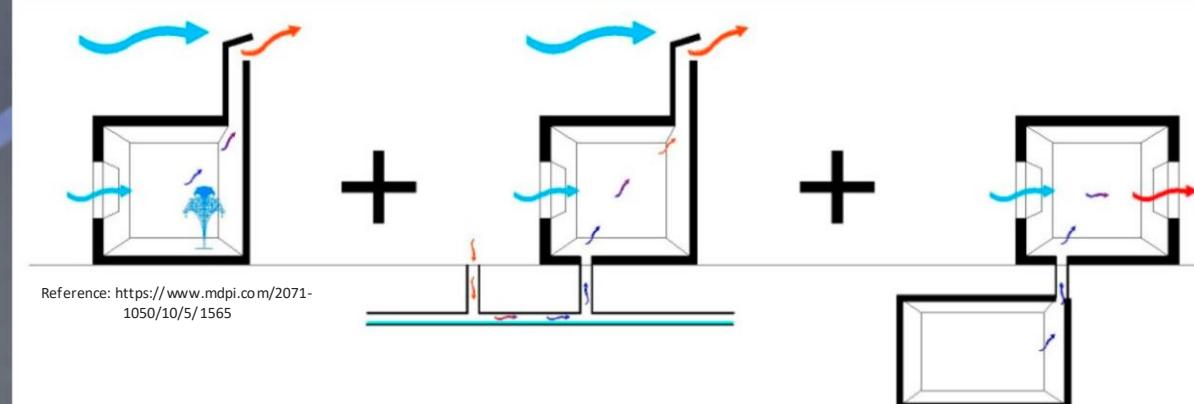
The site is divided into 5 zones as per the survey and users requirement done in 2015.



OBSERVATORY TOWER

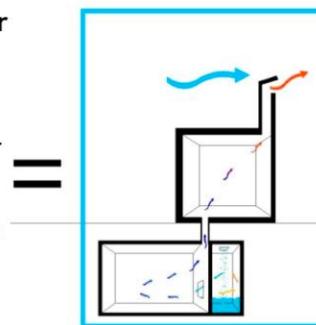


TECHNIQUE USED IN TOWER - PASSIVE COOLING



Advantages of the tower

1. It becomes the landmark in the campus
2. It can be used as an observation tower
3. It uses a sustainable method for cooling without using any artificial energy

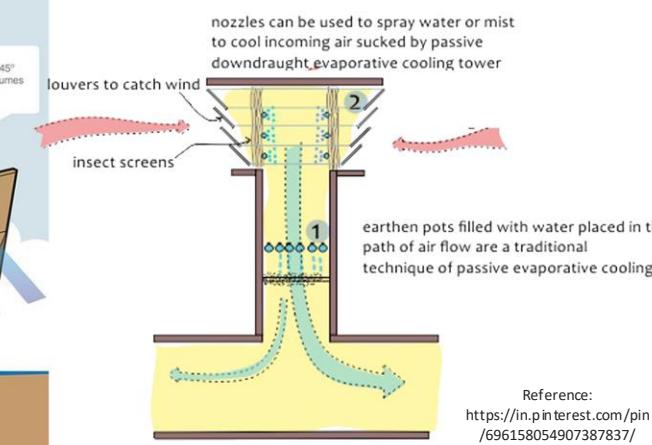
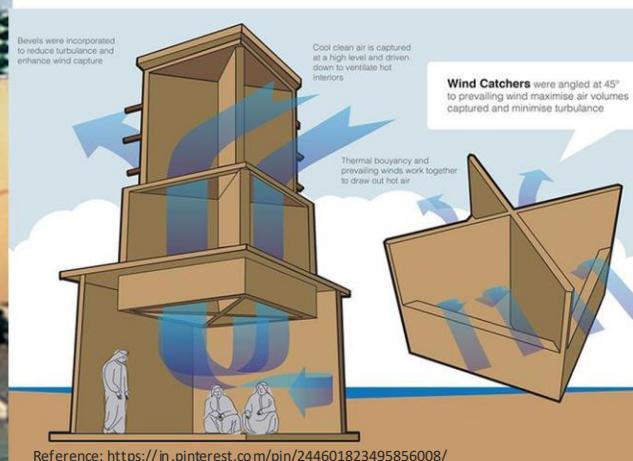


Passive cooling

How it works

Passive cooling relies on natural heat sink to remove heat from the building following steps are followed in this process

1. Storing of cold mass or air within billions envelope
2. Avoidance if direct external solar radiation heat gain
3. Removal of gained heat from the interior or exterior surfaces
4. Slowing heat transfer from the external climate through the building envelope



ROW HOUSE

DESIGN PROJECT



HENNUR,
BANGALORE

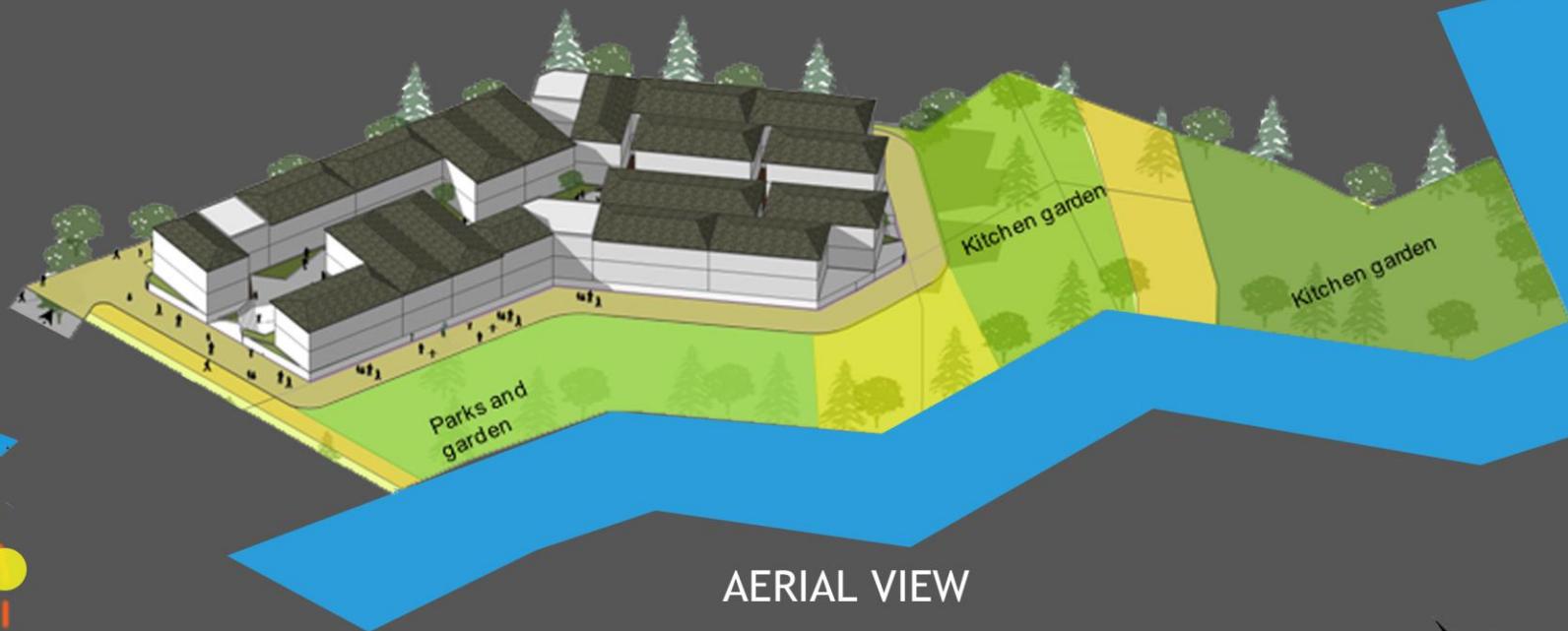
SITE ANALYSIS

Site area- 2.15 acres

Access road to site

Site surroundings

Climatic influence



AERIAL VIEW

REQUIREMENTS

PROJECT BRIEF

The site about 2.15 acres, proposed for row houses.

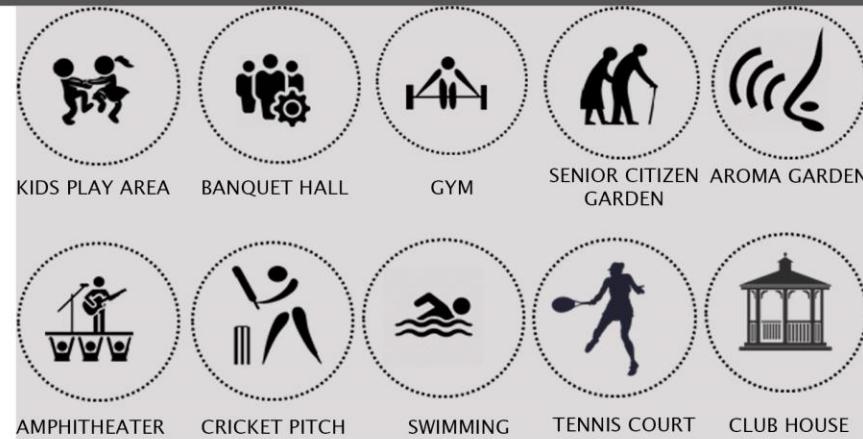
According to the bye-law, the setback provided is 30M from nalla/river. Hence reduction in buildup area.

The site slopes down towards nalla and river.

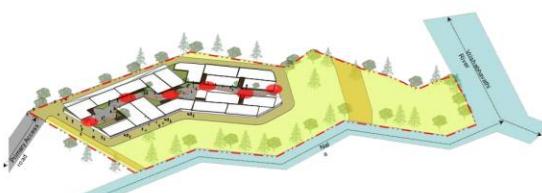
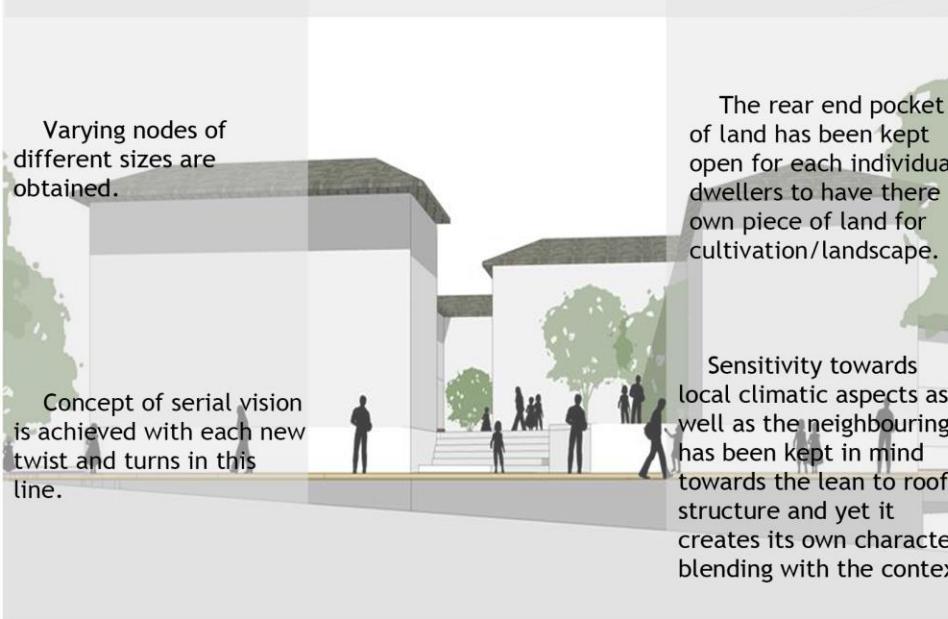
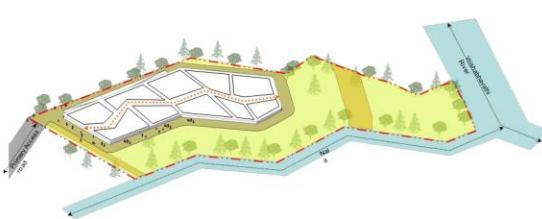
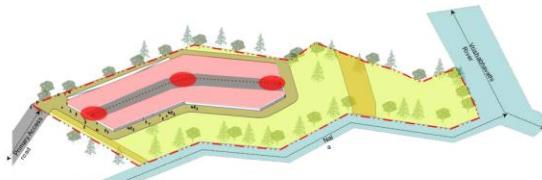
Main purpose was to create ambience for people staying in these row houses.

Building foot print

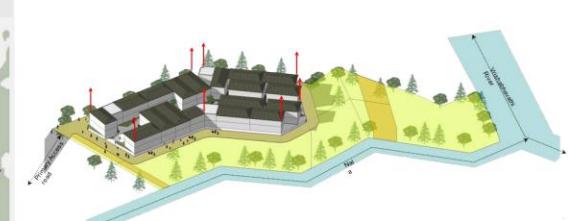
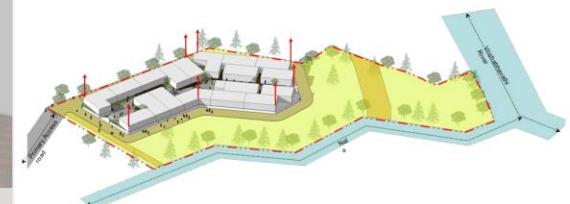
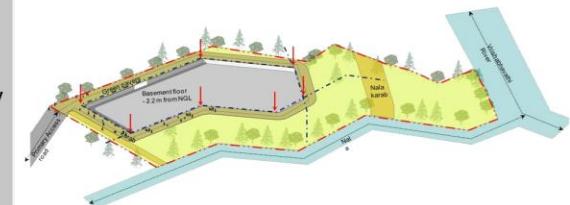
To provide view to the garden and river.



CONCEPT DEVELOPMENT

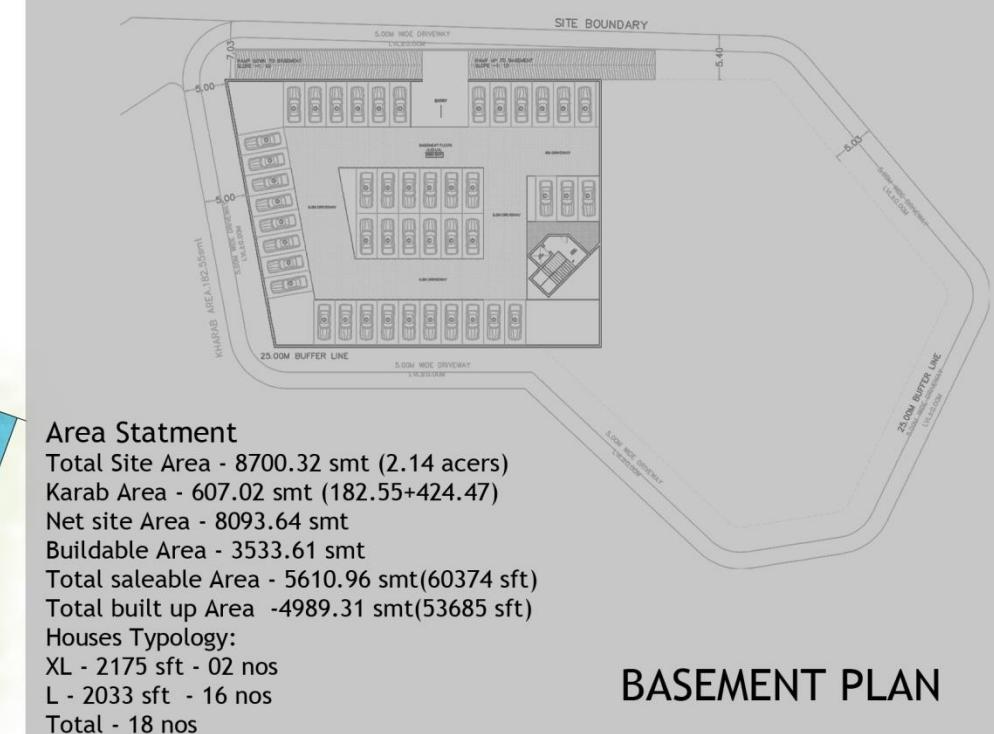


DESIGN DEVELOPMENT



CONCEPT AND DESIGN DEVELOPMENT



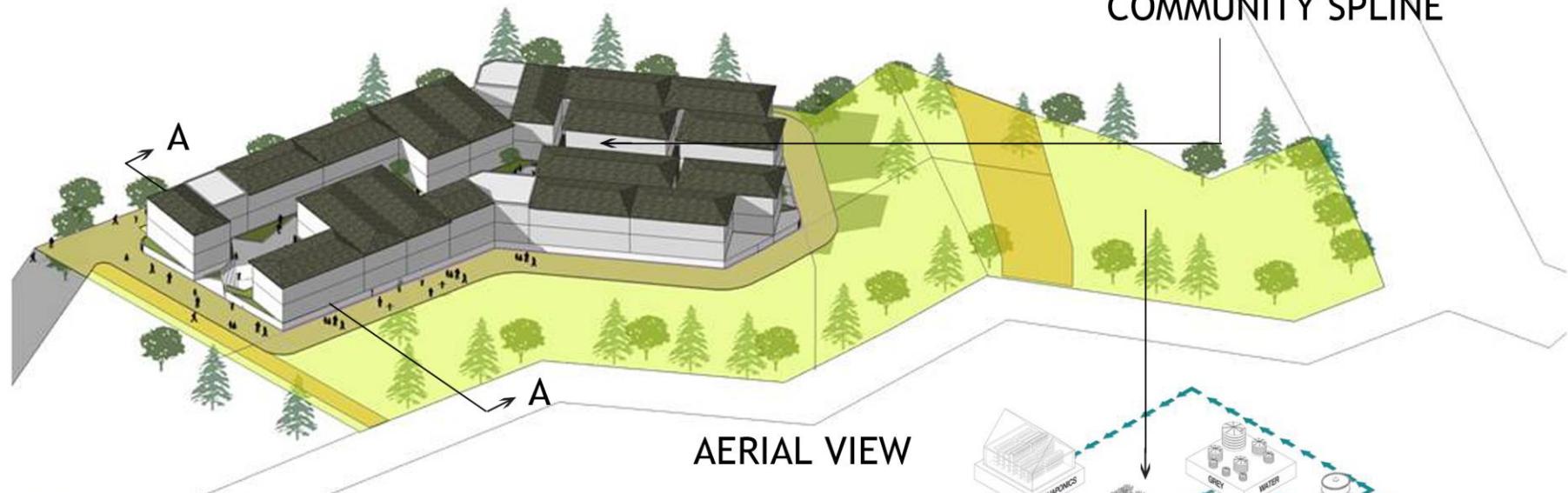




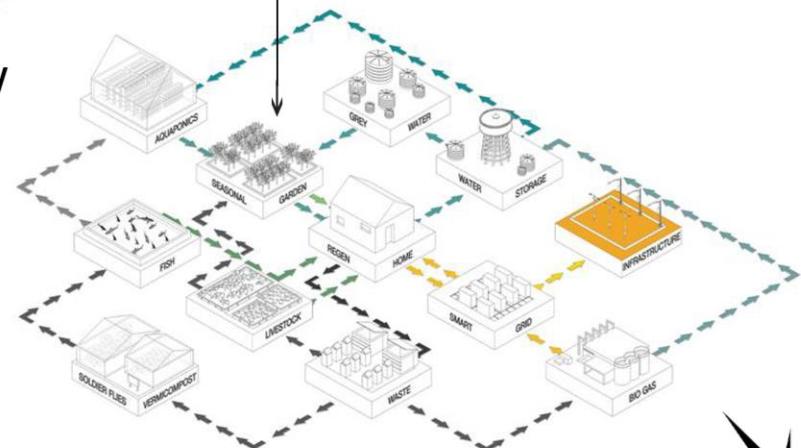
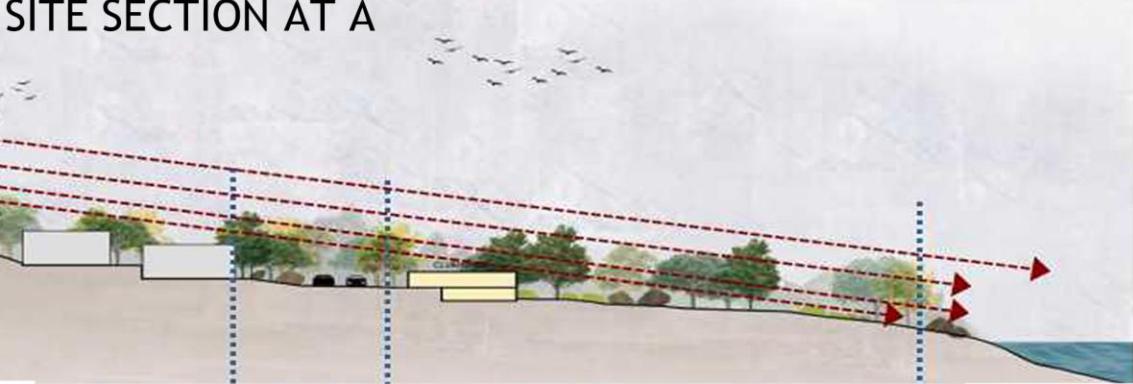
BLOWN UP SECTION
OF UNITS



COMMUNITY SPLINE



SITE SECTION AT A



Reference: <https://www.archdaily.com/794167/>
BLACK SOLDIER FLY





PROJECT BRIEF

Site Area: 43,500 Sq.ft

Agricultural universities are essential in advancing education, research, and innovation in farming.

Chamarajanagar Agriculture University, the second-largest in Karnataka.

The university features an Academic block, hostels for boys and girls, a library, an AV lab, staff quarters, a skill training center, a sports academy, and a playground. It also has dedicated agricultural land for hands-on training.



The site slope down from 187m to 106m. There is a difference of 81m from the highest to the lowest point.



87M LVL

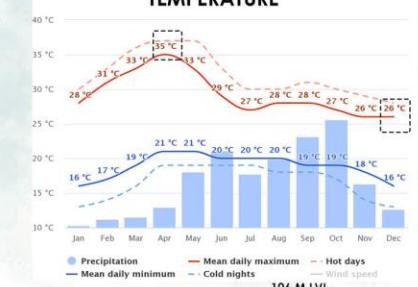
CATCHMENT AREA

ROCK AREA

AGRICULTURE LAND

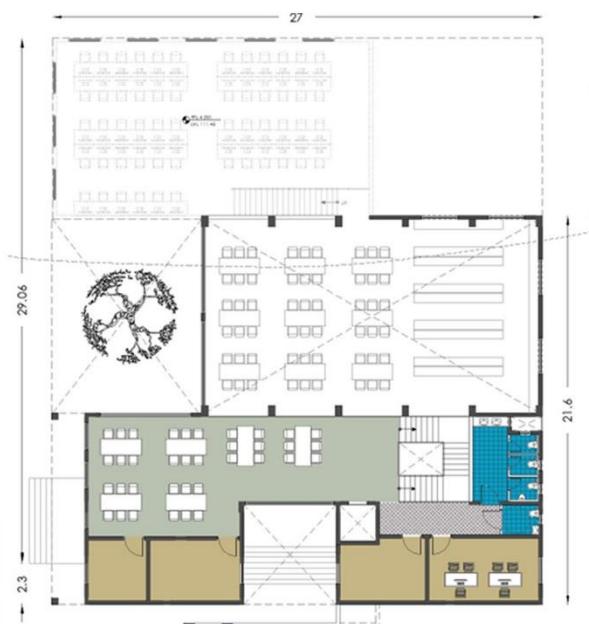
SLOPE ANALYSIS (SITE SECTION)

TEMPERATURE





LIBRARY BUILDING



KEY PLAN



EXTERNAL VIEW



ENTRANCE



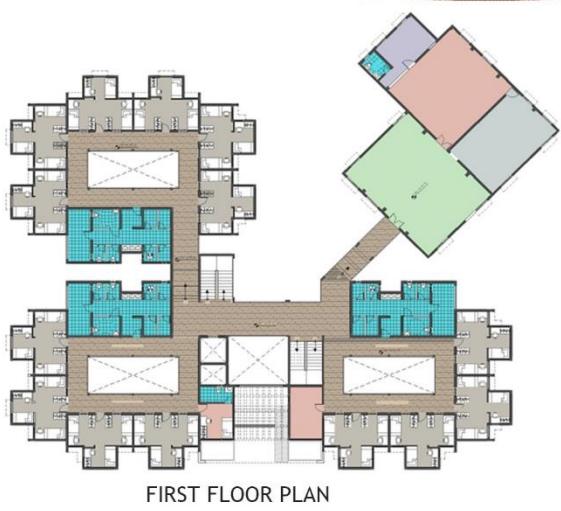
INTERNAL VIEWS



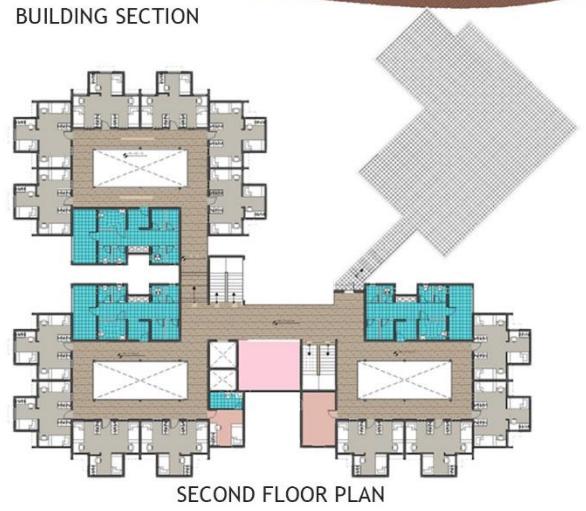
BUILDING SECTION



GROUND FLOOR PLAN

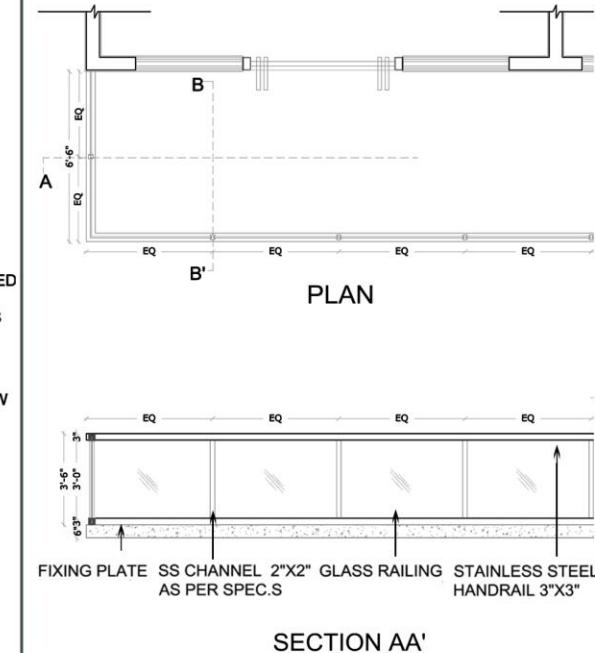
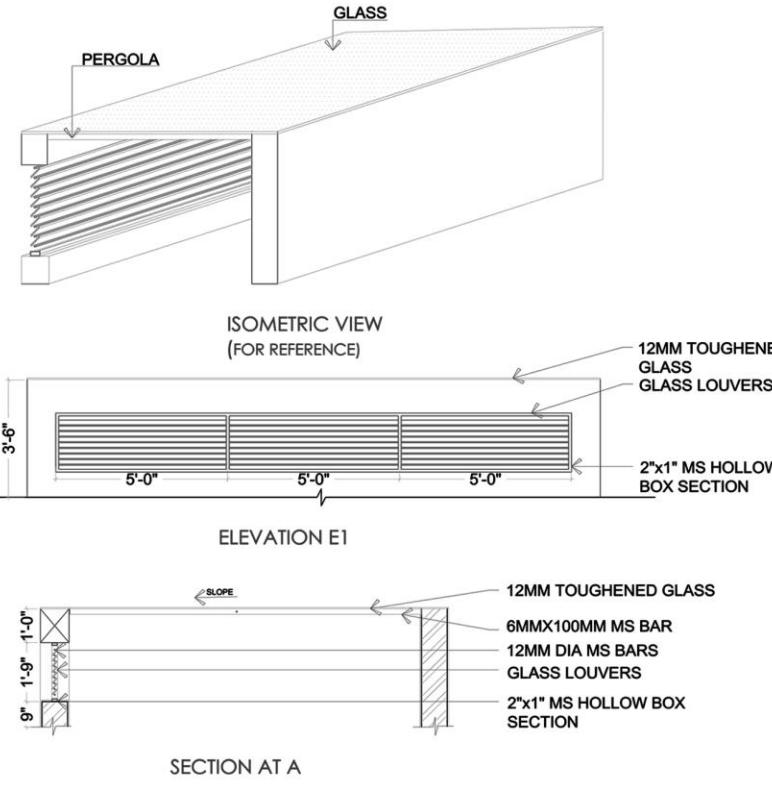
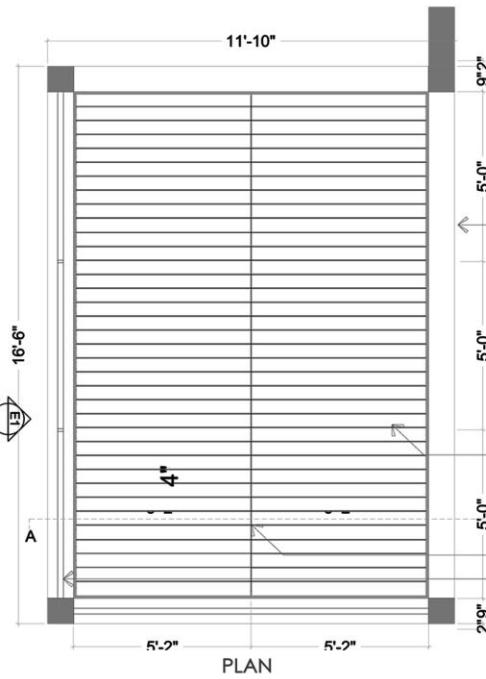


FIRST FLOOR PLAN



SECOND FLOOR PLAN

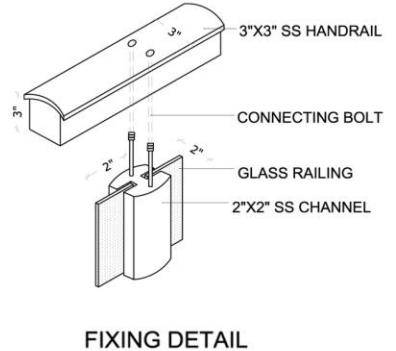
SKYLIGHT DETAIL



SITE PICTURES



SKYLIGHT AND RAILING DETAIL



CONVENTION HALL AND HOTEL CONSTRUCTION PROJECT



J.P NAGAR,
BANGALORE



PROJECT BRIEF

The site dimension is about 50'x75', proposed for convention hall, hotel and restaurant.

The site is located in heart of the city with direct access to metro.

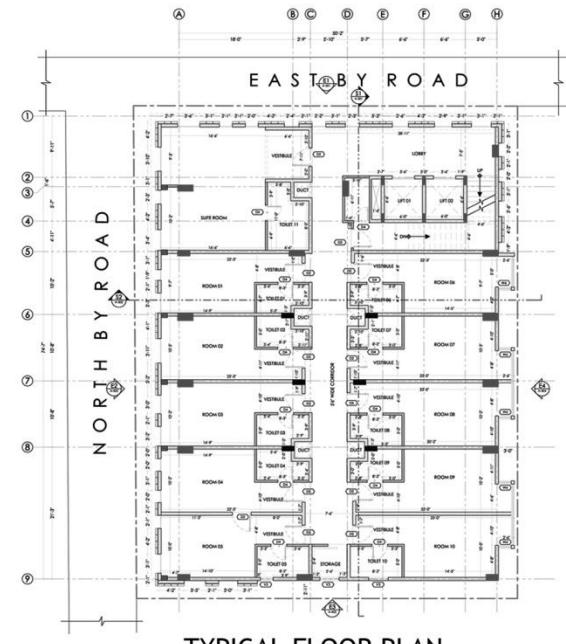
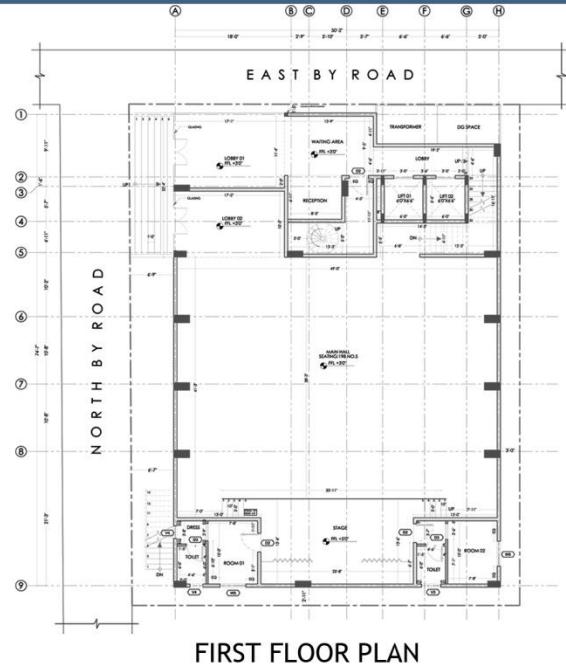
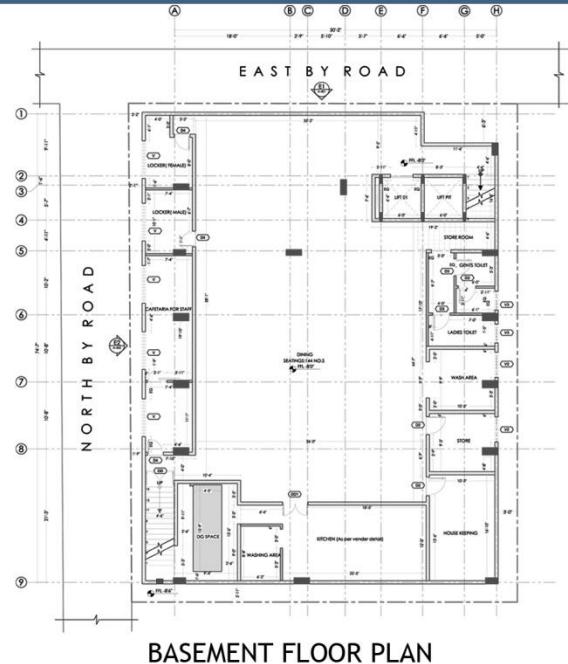
The convention hall capacity to be provided by about 200 pax, and a dining area capacity of 100 pax.

Number of hotel room should be around 45-50.

The restaurant to be provided on terrace with a separate kitchen and service on service floor.



CONSTRUCTION DRAWINGS



SITE PICTURES



BASEMENT FLOOR



CONVENTION HALL

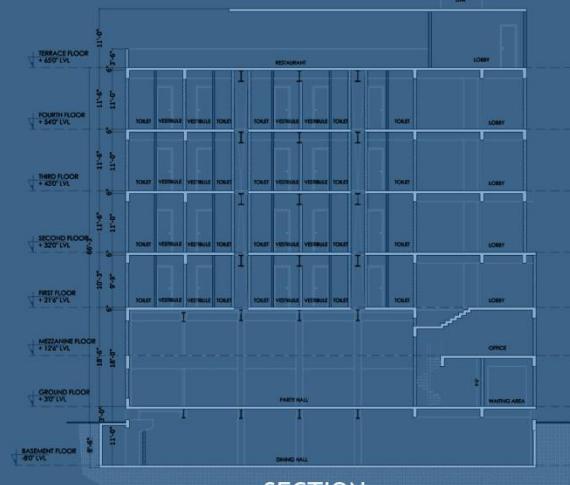


HOTEL ROOMS

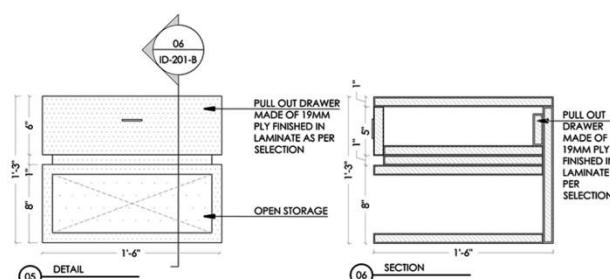
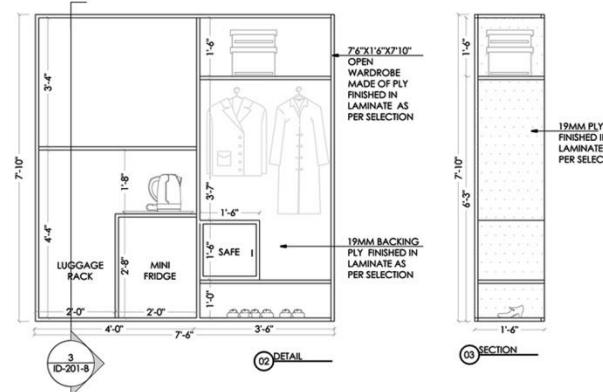
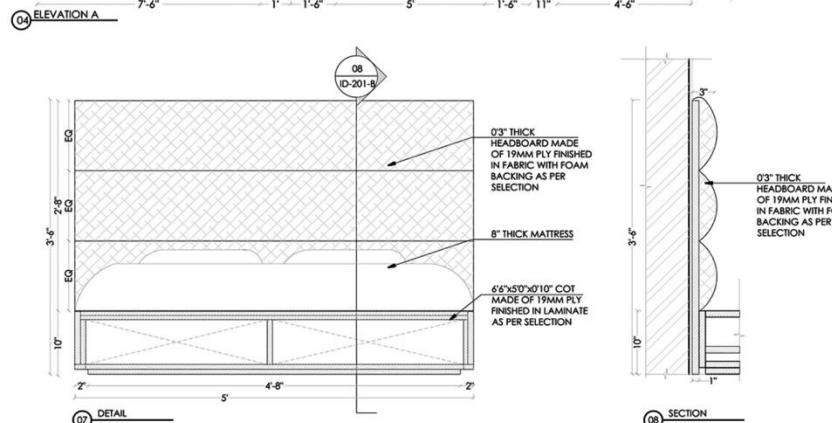
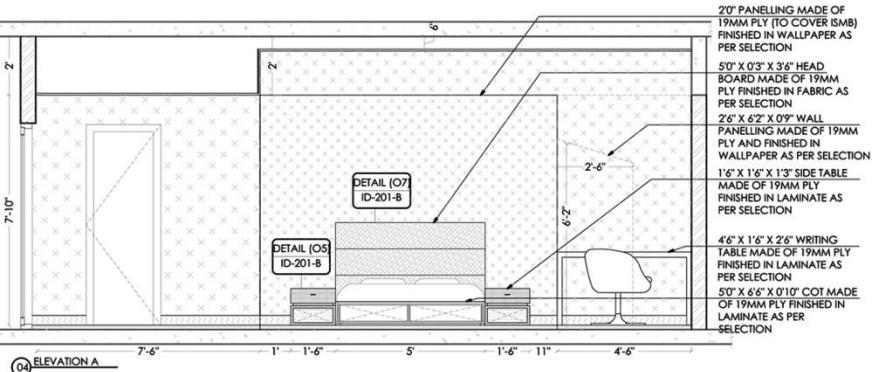
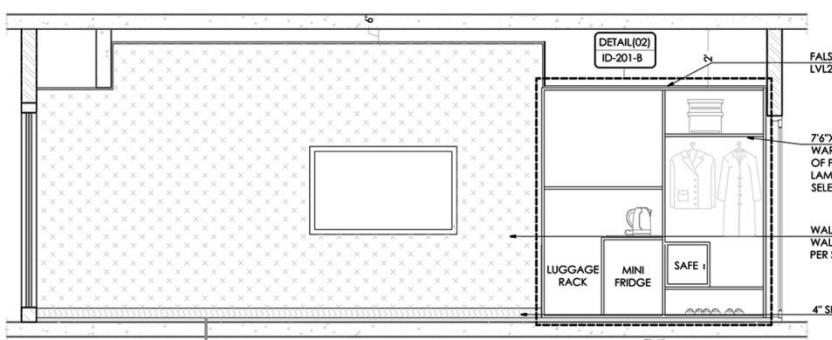


LEGEND:

- 6" THICK RETAINING WALL
- 6" THICK WALL
- 4 1/2" THICK WALL
- COLUMN
- CLADDING
- ELEVATION
- SECTION LINE
- GRID LINE
- DETAIL



MOCKUP ROOM -2



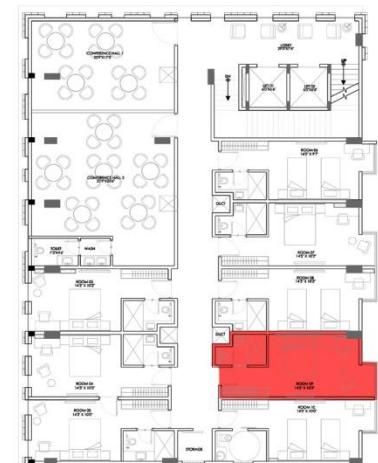
COOL GRIS 600X600
GOTHIKA BLOND 600X600
COOL GRIS 600X600

TOILET DETAILS



FUNITURE DETAIL

HOTEL ROOM'S VIEW



KEY PLAN



RESTAURANT

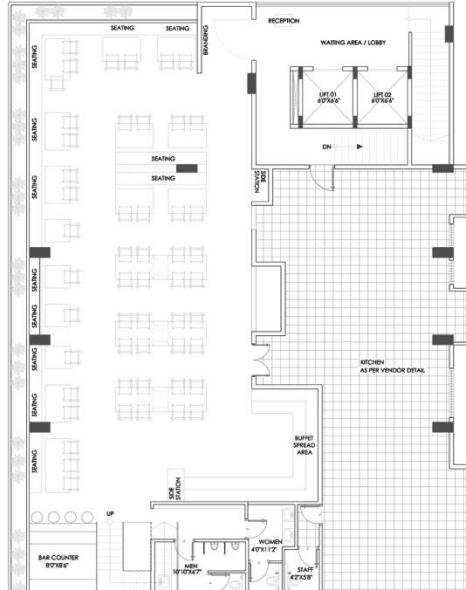
FACADE DETAILS



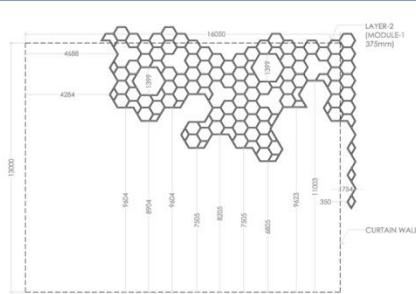
OUTDOOR DINING



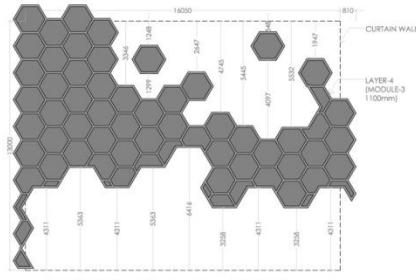
INDOOR DINING



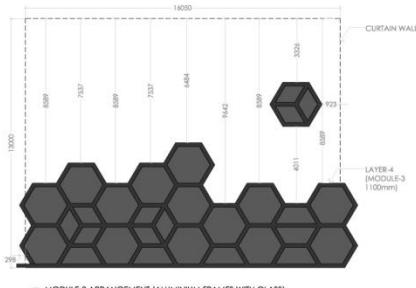
PLAN



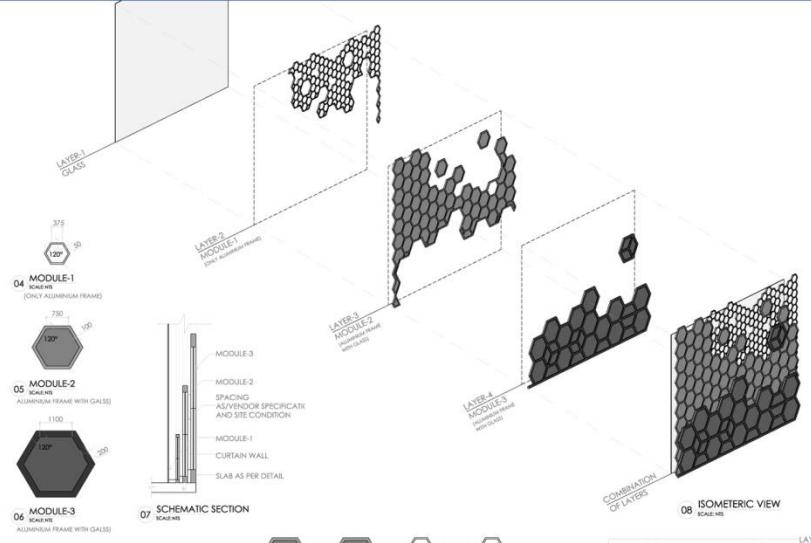
01 MODULE-1 ARRANGEMENT (ONLY ALUMINIUM FRAMES)
SCALE: 1:50



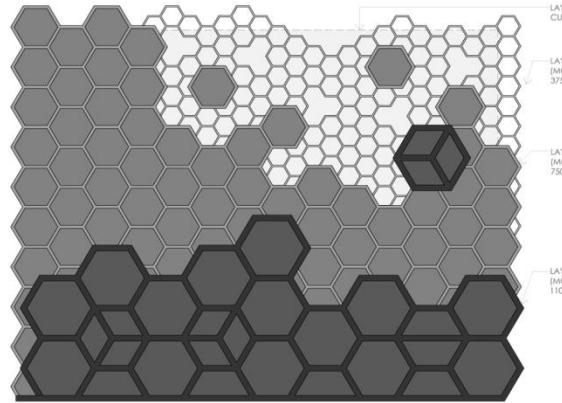
02 MODULE-2 ARRANGEMENT (ALUMINIUM FRAMES WITH GLASS)
SCALE:1:5



03 MODULE-3 ARRANGEMENT [ALUMINIUM FRAMES WITH GLASS]
SCALE: 1:10



07 SCHEMATIC SECTION



FACADE



SITE PICTURES



THANK YOU

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