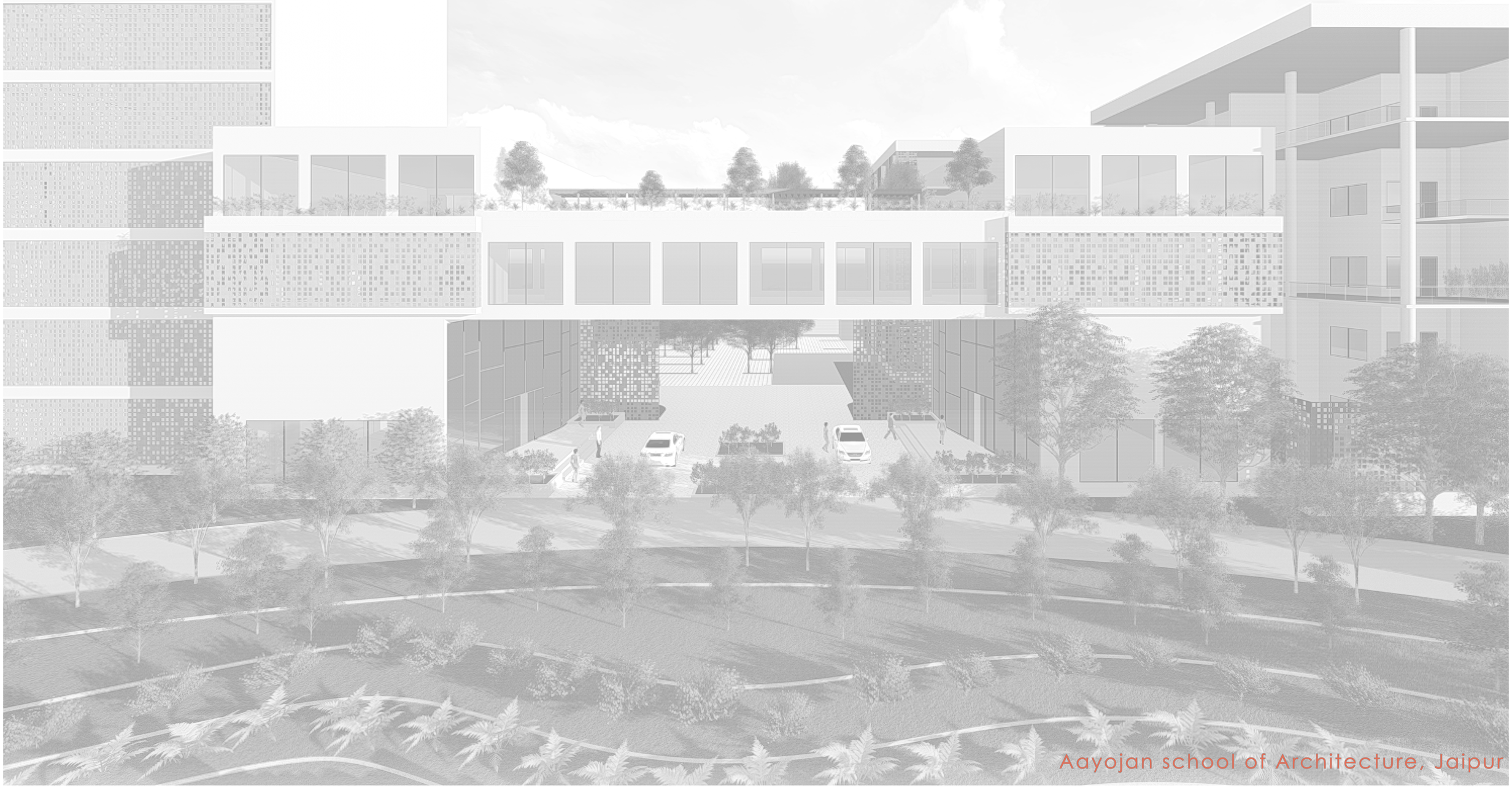
Co-working & Co-living hub, Jaipur

Architecture Thesis Project

Mahak Jain



Aayojan school of Architecture, Jaipur

Site introduction

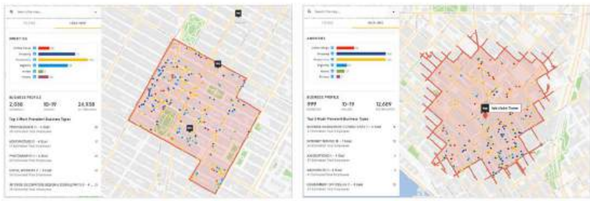
Site selection

INDIA, a developing country with second highest population in the world is evolving in office sector at rapid pace. In search of jobs people are constantly migrating from smaller cities to bigger one.
There are about 850 coworking spaces in india and majority of them are concentrated in delhi, gurugram, mumbai, pune and bangalore.

Rajasthan capital city, **Jaipur** has immerging many small companies or startups. And people of rajasthan are migrating to the city for jobs. Jaipur was ranked 31 among the 50 Emerging Global Outsourcing cities.

Rajasthan, lies in route between delhi & mumbai. Thus, is developing in office sector. Many companies like infosys, wipro, truworth, etc has their center in Jaipur.

How wework select their location?

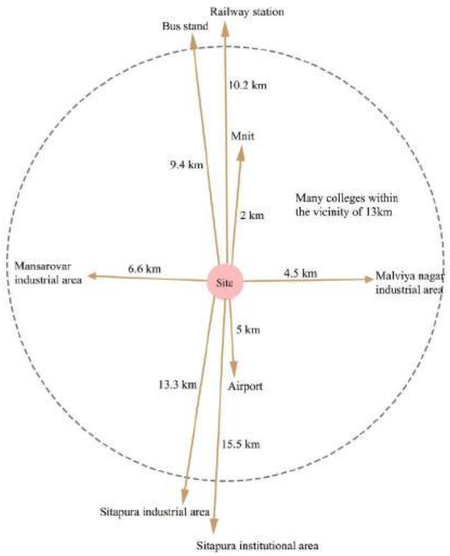


According to the report published by Wework, the company searchs for a place that has restaurants, shopping malls, cafe's, hotels, etc in the near vicinity of 2-3kms.

Site - Google map

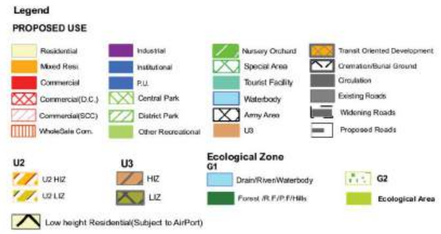
Population of Jaipur:	39Lakh
Latitude:	26*51' N
Longitude:	45*48' E
Altitude:	409.6A above from sea level
Average rainfall:	601mm

Site location analysis



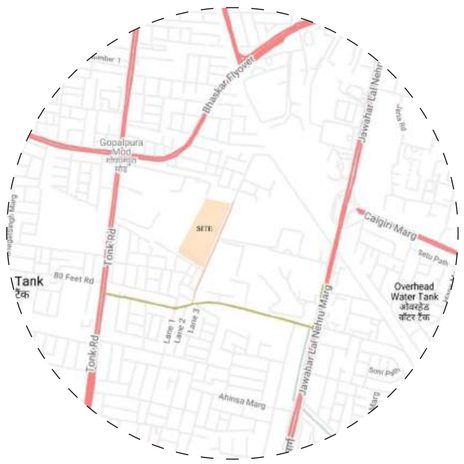
- The site is well connected with two prime roads, Tonk road and Jawarhar lal nehru road giving users ease in accessibility.
- Due to this central location, the site caters a larger population.

Site land use

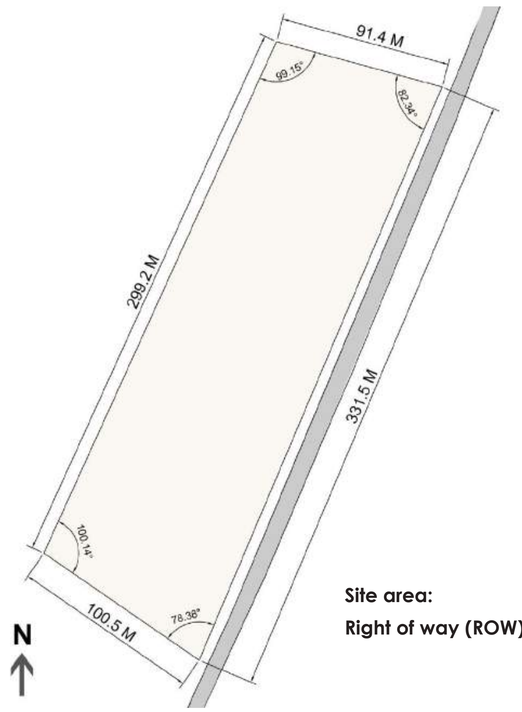


- The site is a commerial plot with residential area and commercial area in near vicinity.

- The site is in a prime area of Jaipur so that it get noticed by people.
- Also, industrial area, residential area and many college are in near vicinity so that it is easily accessible.
- The site is in front of jaipuria playground. Around 3km radius of site there are many shopping complexes, eating restaurant and cafes, hospitals, office buildings and residential area.



Site orientation & dimensions

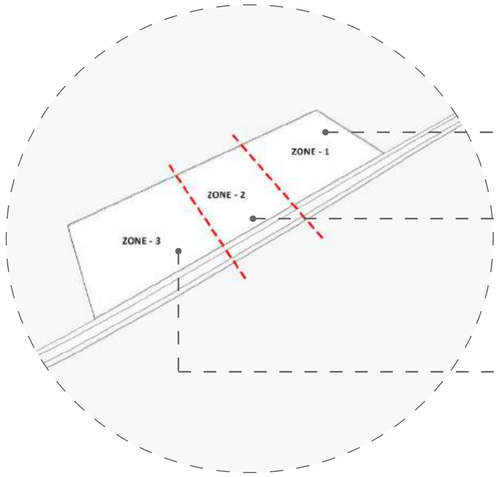


Site area:	29,811 Sq m
Right of way (ROW):	18 M

- The site is in the ratio of 1:3, longer side of the site facing towards road.
- The site has view of jaipuria playground, World trade park and nearby areas.

Concept & zoning

Dividing the site

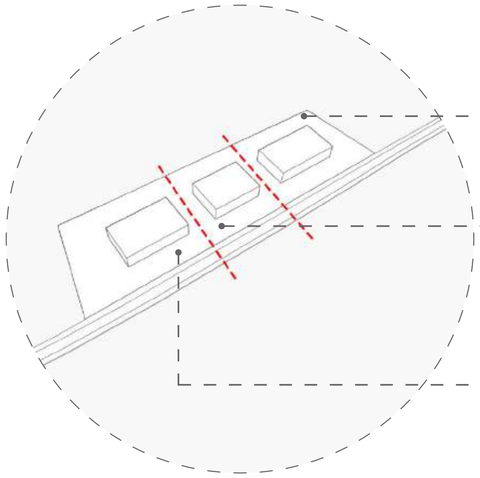


The zone will have the co-living hub (welive).

The zone will have common spaces like entry plaza, receptions, gym and office.

The zone will have coworking space having different workspaces and collaboration areas.

Bulding blocks on site

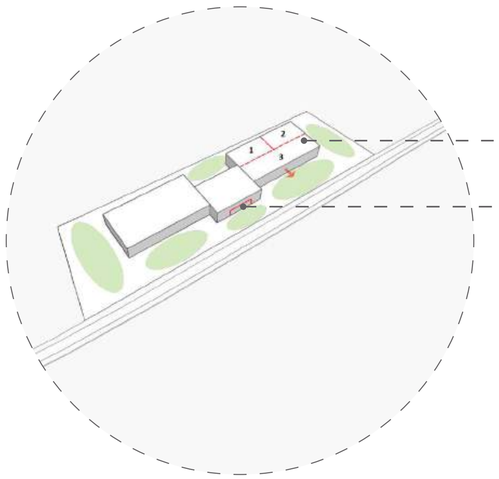


Coliving block is for 300 people with 2 type of apartments - studio & 2BHK and common spaces

Coworking & Coliving blocksseparated by common spaces like drop-off, reception and act as a connection between the two.

Shared office space with variety of informal areas for working and gathering.

Rearranging blocks to get green spaces

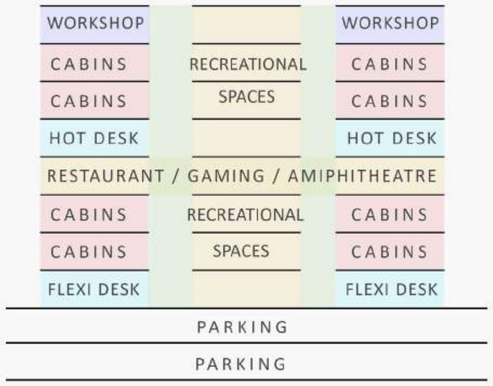


Dividing the block into 3 parts for girls, boys & family.

Cutting out block to create a wide wecoming entrance.

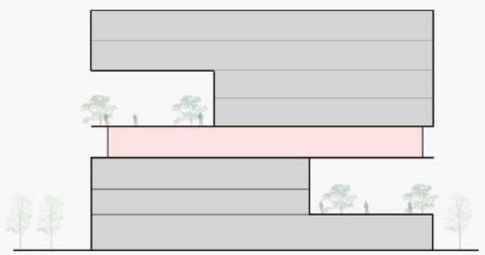
Rearranging and resizing blocks gives many small green patches which can be developed for activities.

Vertical zoning of co-working area



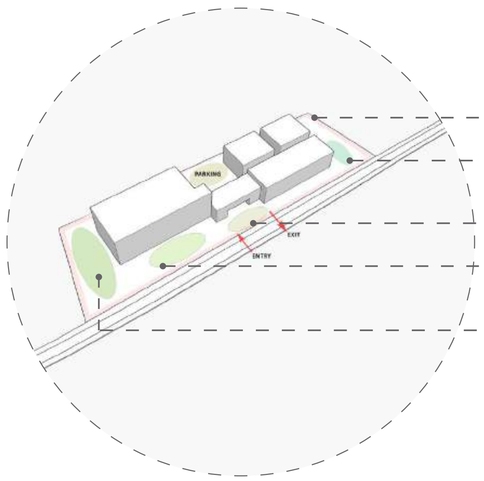
Informal activites are at the core of building and workstation or cabins will be arranged around it. Third floor is dedicated to restaurant, gaming to bring people in middle and collaborate.

Intergration of semi-open spaces in building



Semi-open spaces creates informal gathering activites promoting collaborations

Adding different spaces on site



Fire tender movement

Swimming pool area

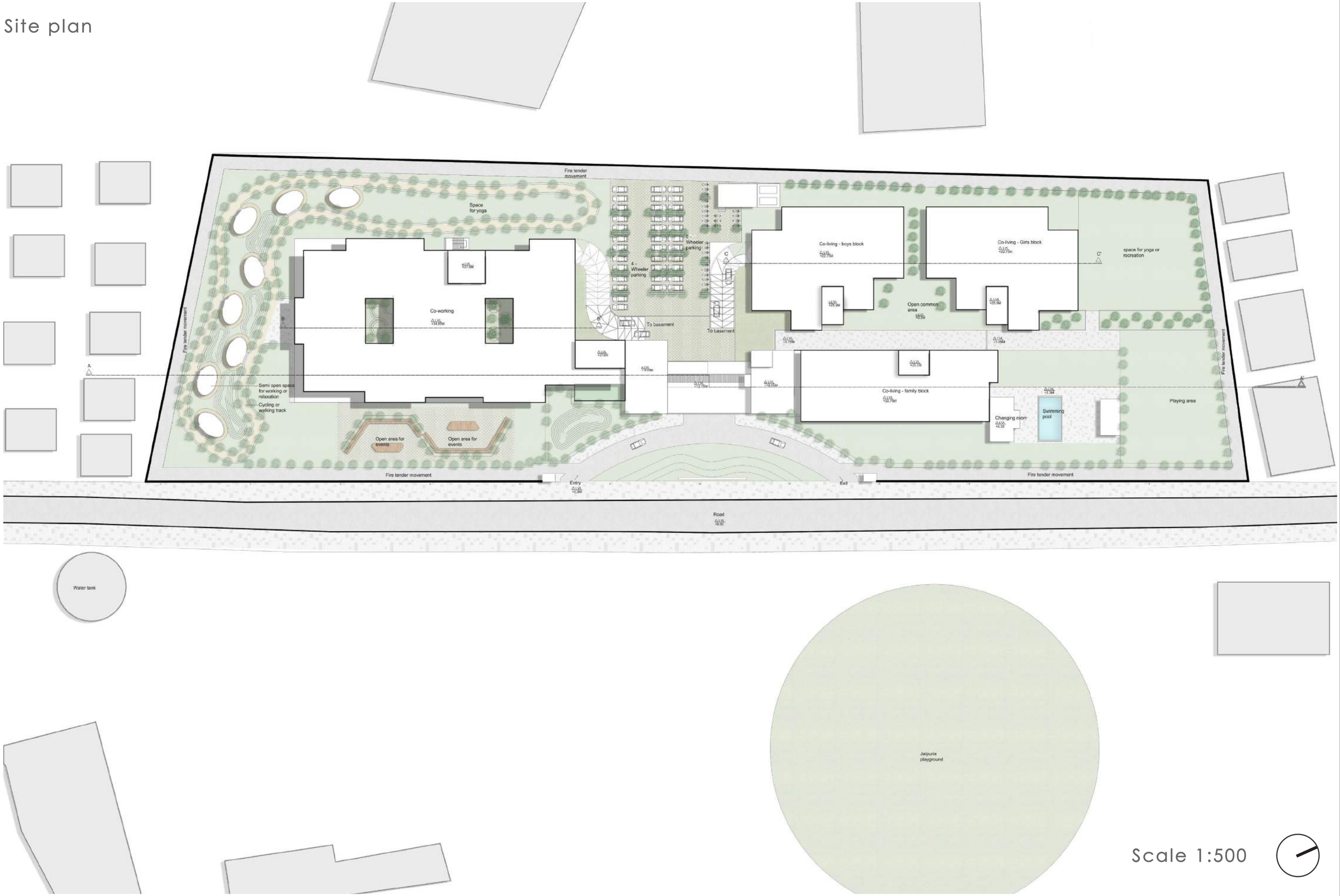
Entry plaza

Outdoor event area

Outdoor working area

Presentation drawings

Site plan

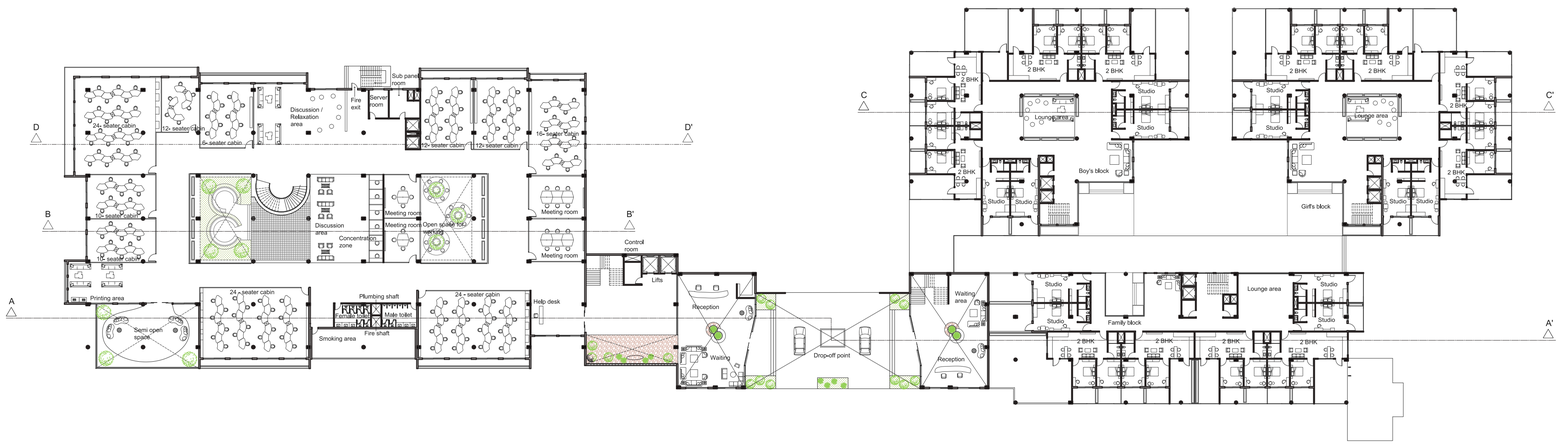


Scale 1:500

Presentation drawings

Ground floor plan

First floor plan



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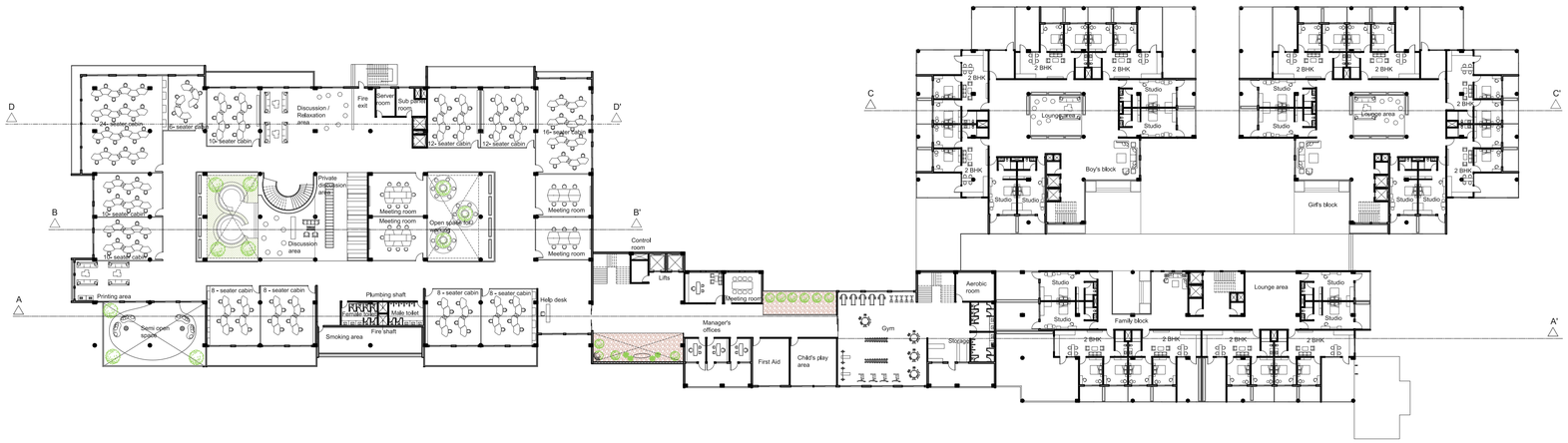
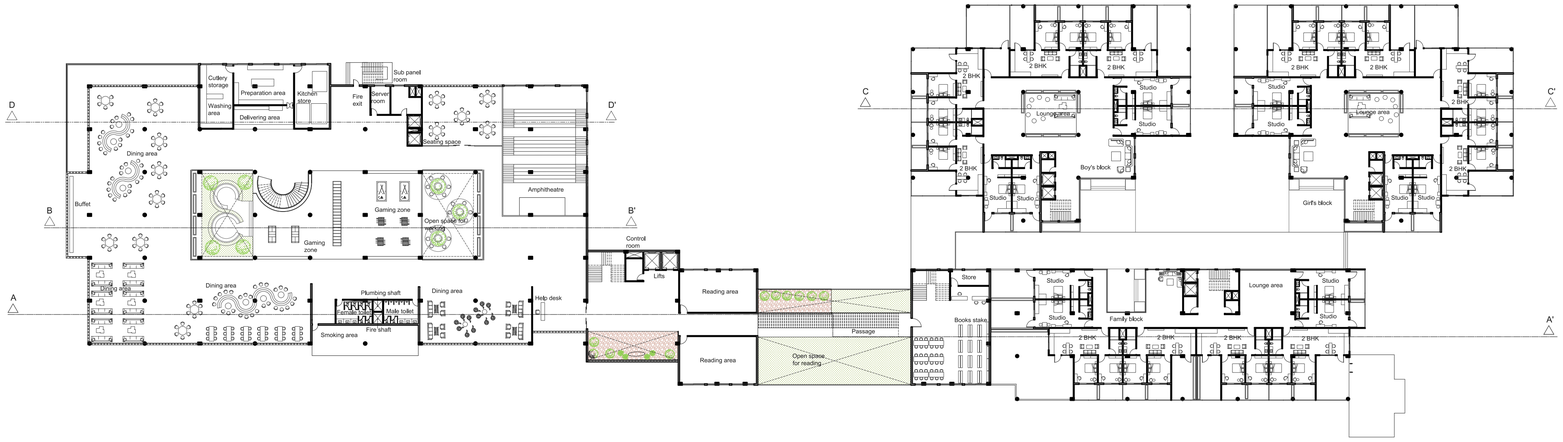
Presentation drawings

Second floor plan



Third floor plan



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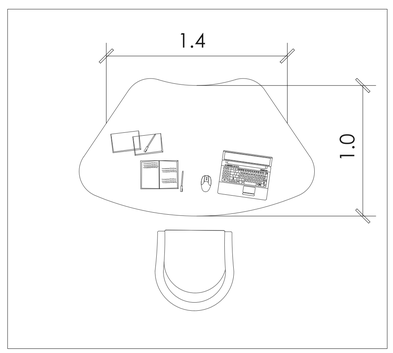
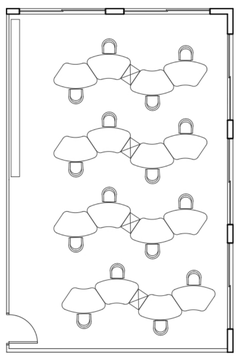
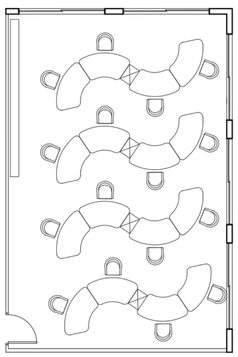
Workstation detail

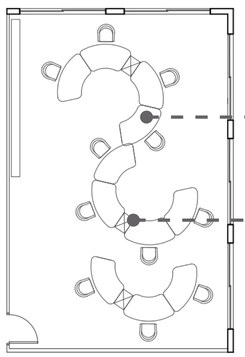




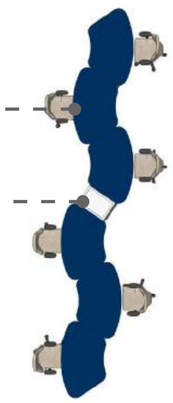
16- seater cabin



16- seater cabin



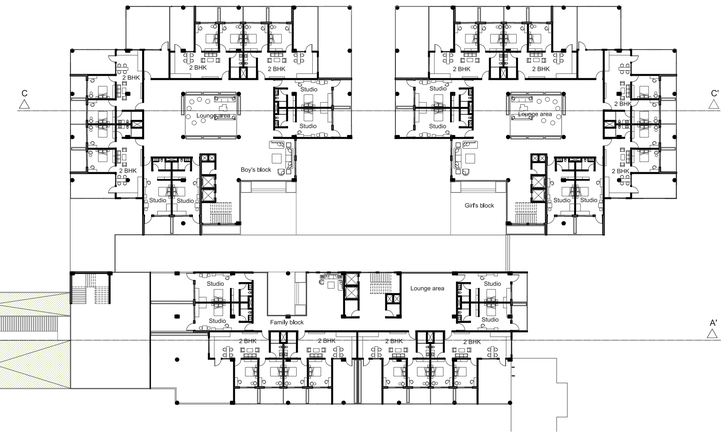
11- seater cabin



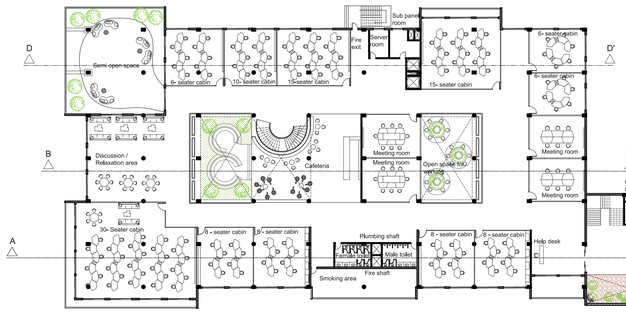
Presentation drawings

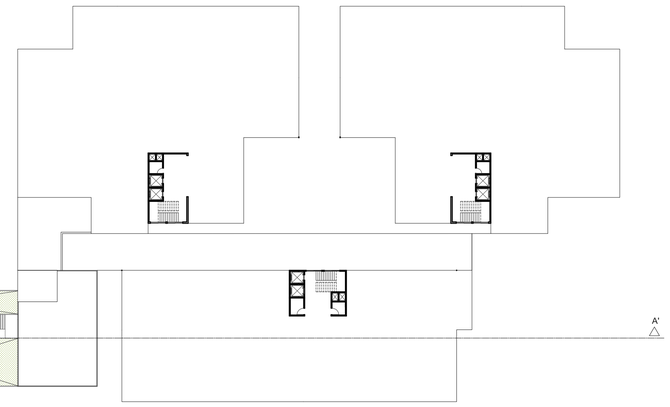
Fourth floor plan

Third Floor Plan



Fifth floor plan





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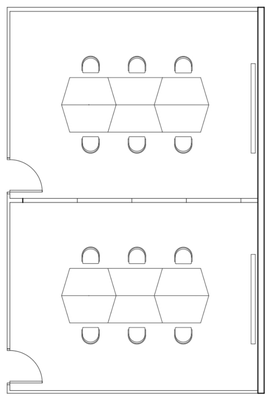
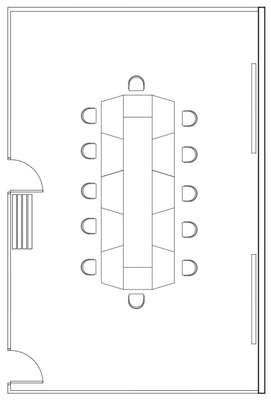
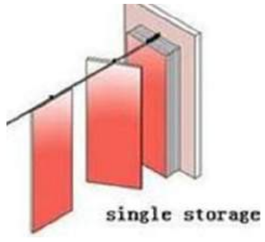
Meeting room detail



2 Meeting rooms for 6

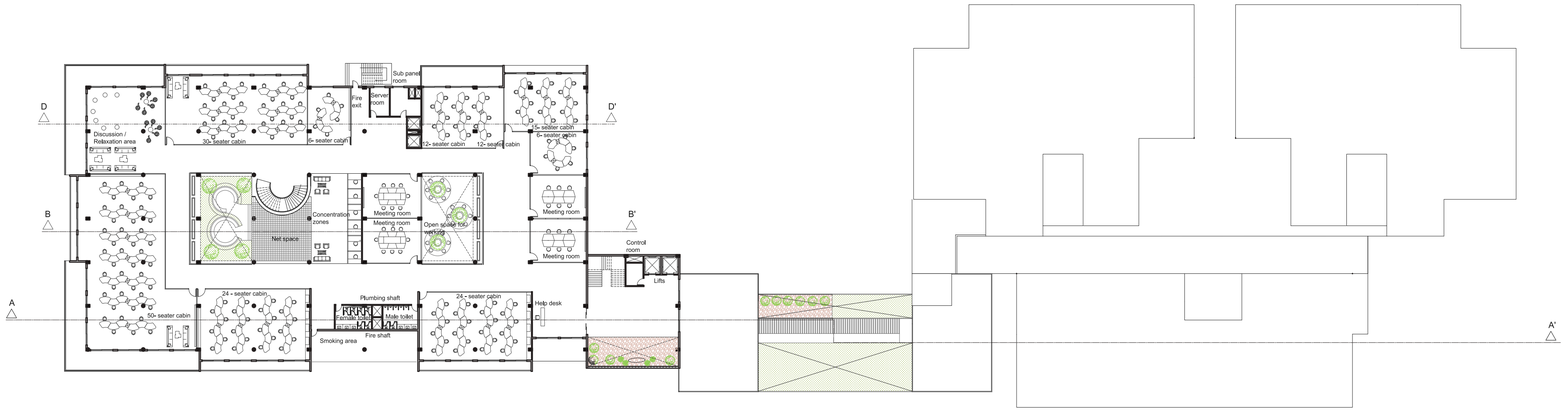


Meeting room for 12

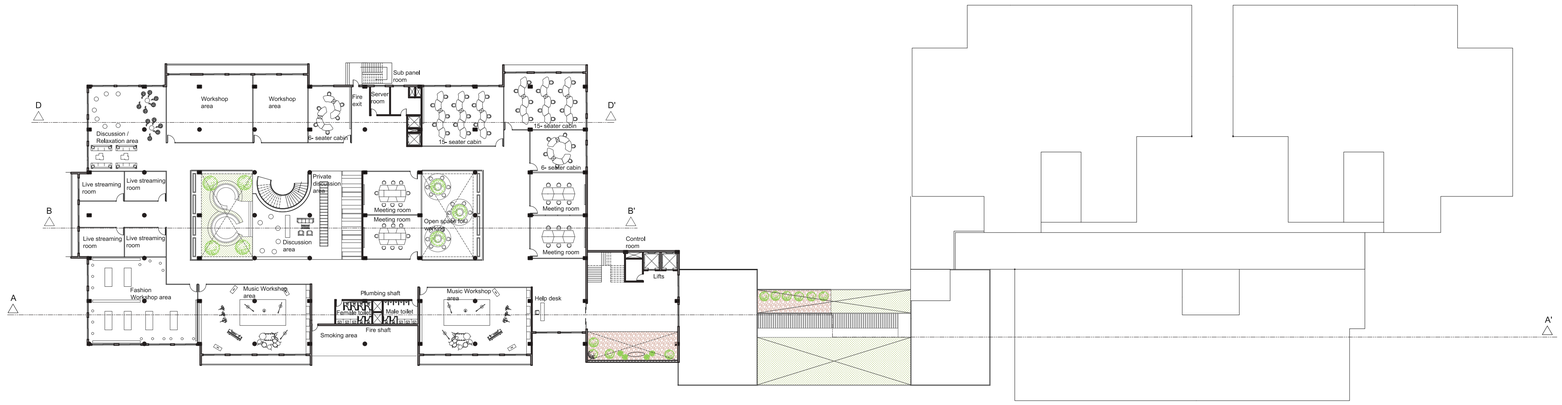


Presentation drawings

Sixth floor plan



Seventh floor plan



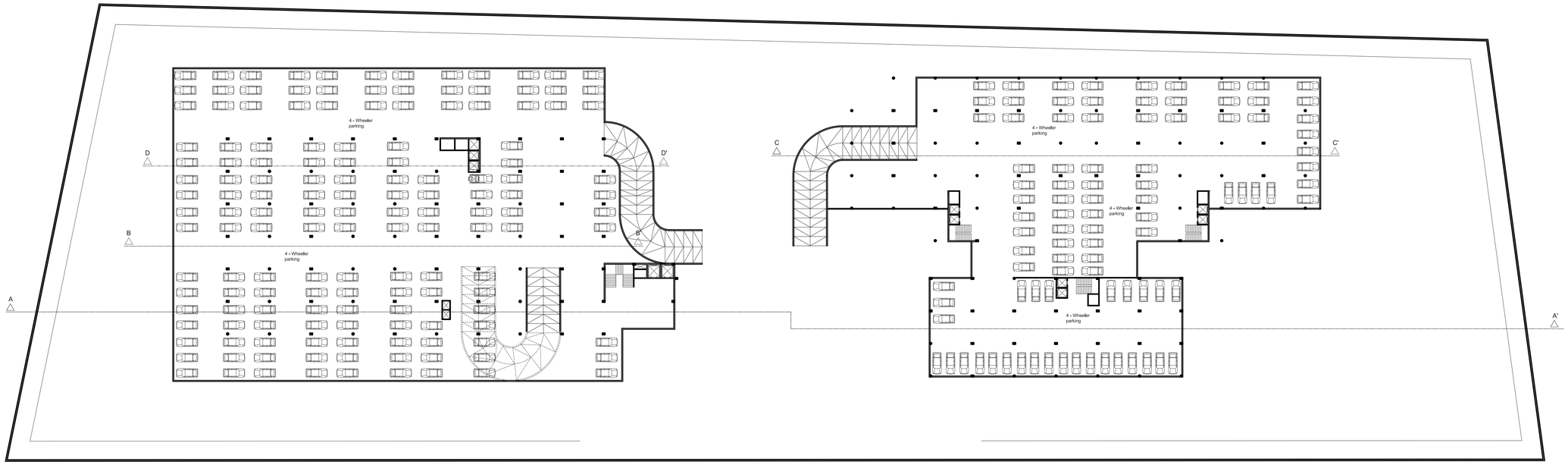
Scale 1:500

Co-working block front view

Co-living block front view

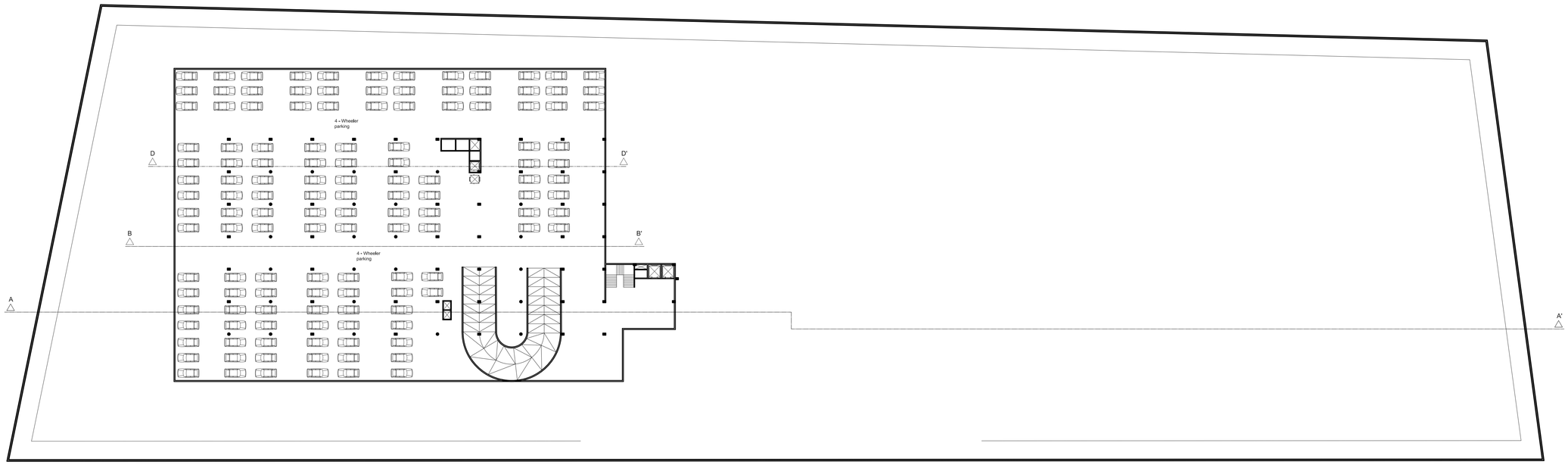
Presentation drawings

Basement 1 floor plan



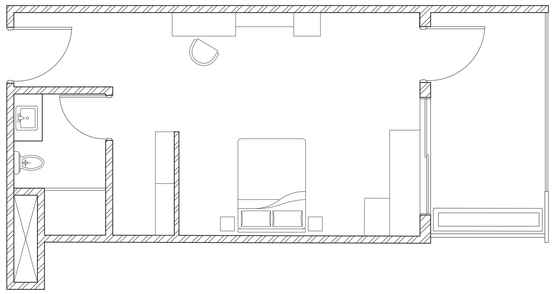
Basement 2 floor plan

Scale 1:500

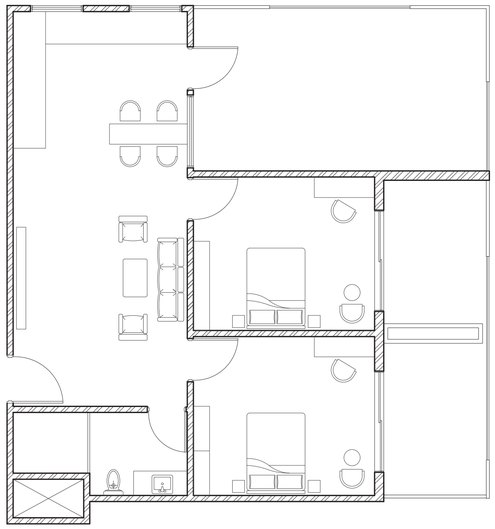


Presentation drawings

Studio apartment plan

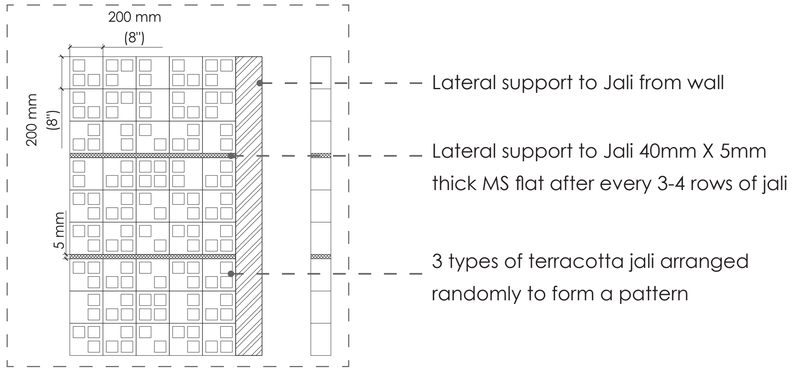


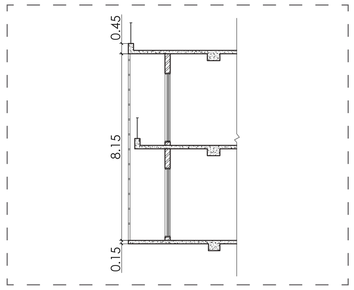
2BHK apartment plan



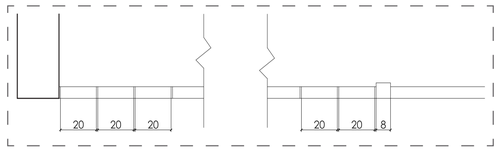
Studio apartment views

Terracotta jali detail

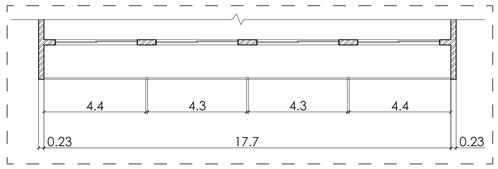




Double heighted jali wall application in section

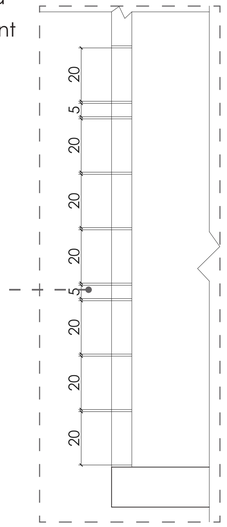


Each jali block will be sticked together through 8mm cement plaster



Double heighted jali wall application in plan
At every 4.4M there will be MS column of size 20mm X 20mm to support the jali

5mm thick MS Flat

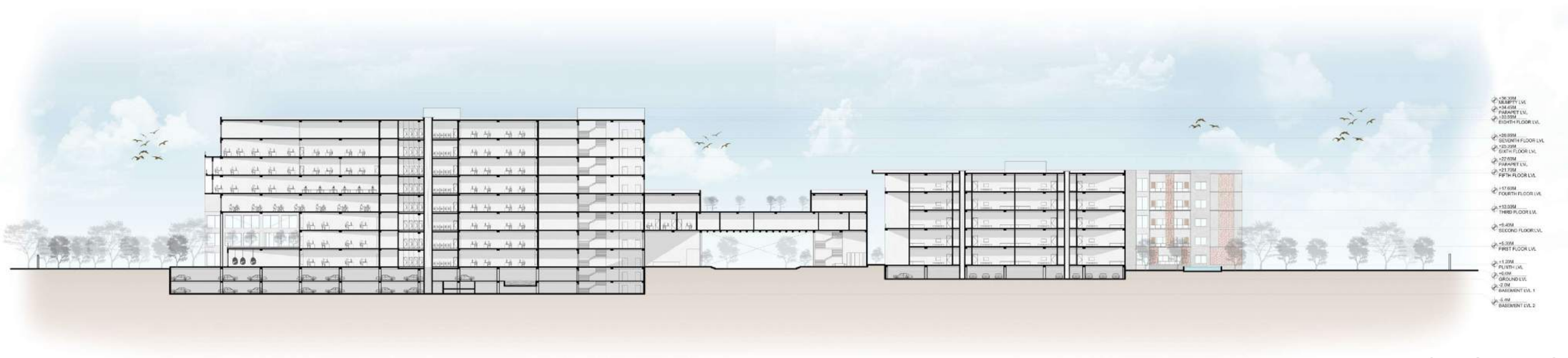


South-east elevation

Scale 1:500

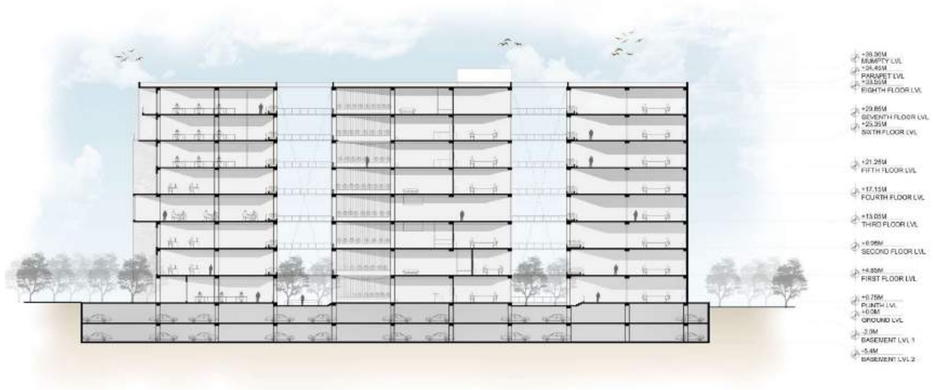
Presentation drawings

Section AA'

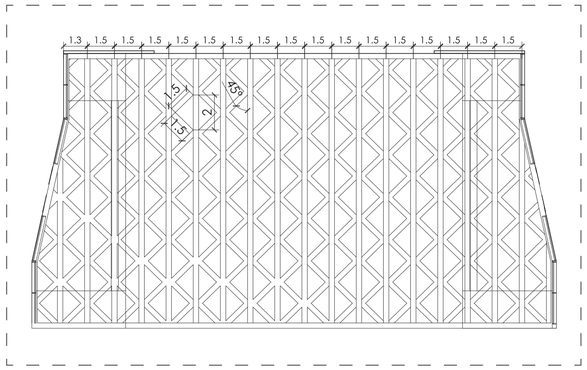


Scale 1:500

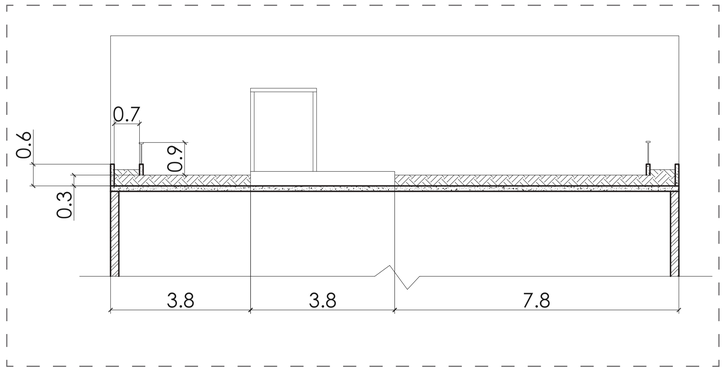
Section BB'



Ceiling detail



Roof garden planter detail



Drop-off point & entry view

Drop-off point view

Roof garden view

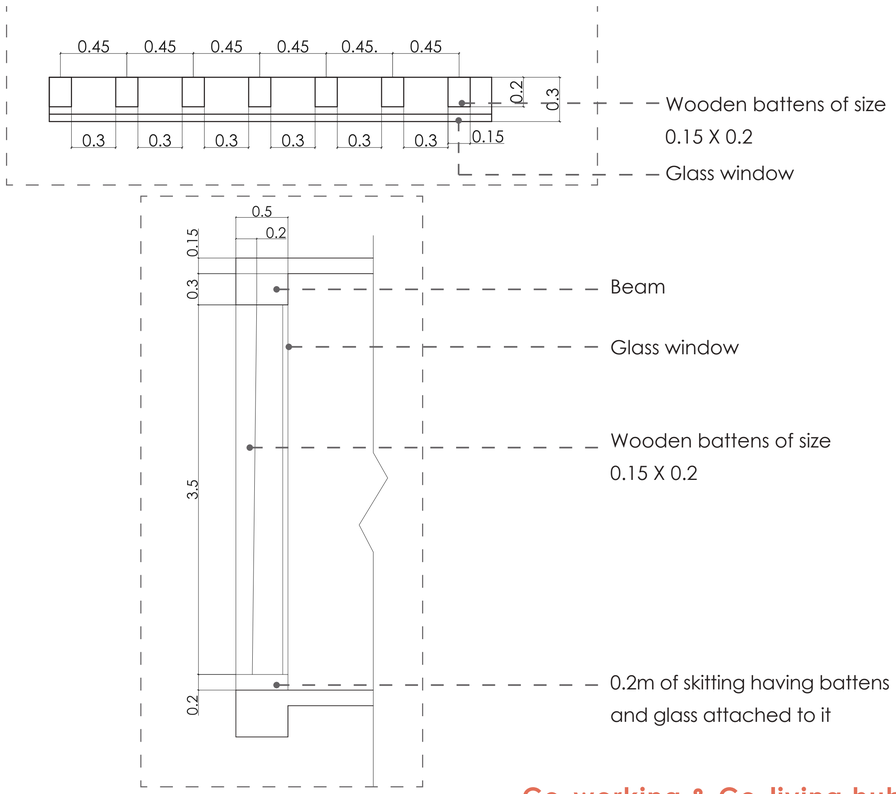
Presentation drawings

Front view of building

South-west elevation

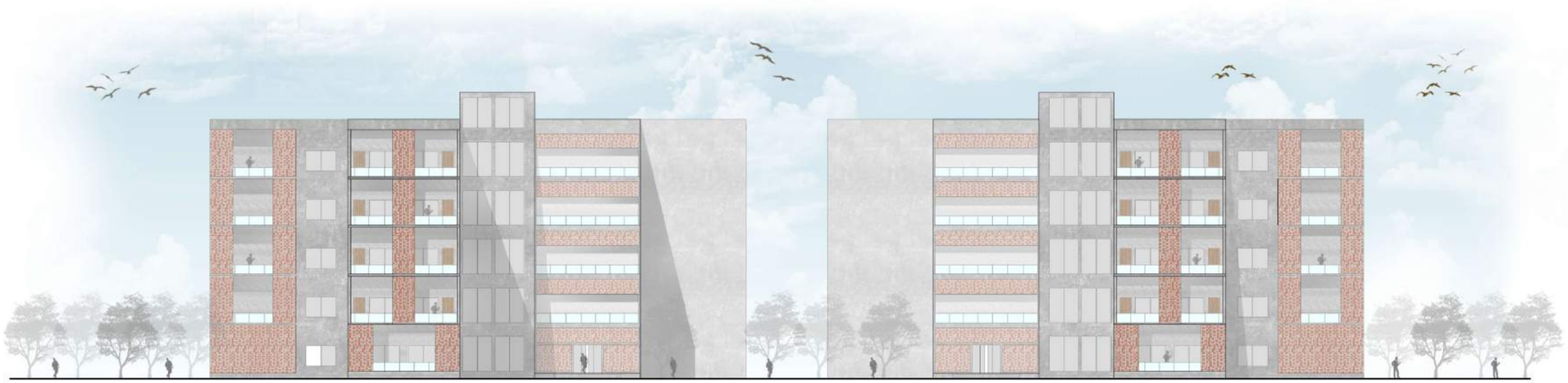
Scale 1:250

Wood battens on facade detail



Presentation drawings

South-east elevation of Boys & gilrs block

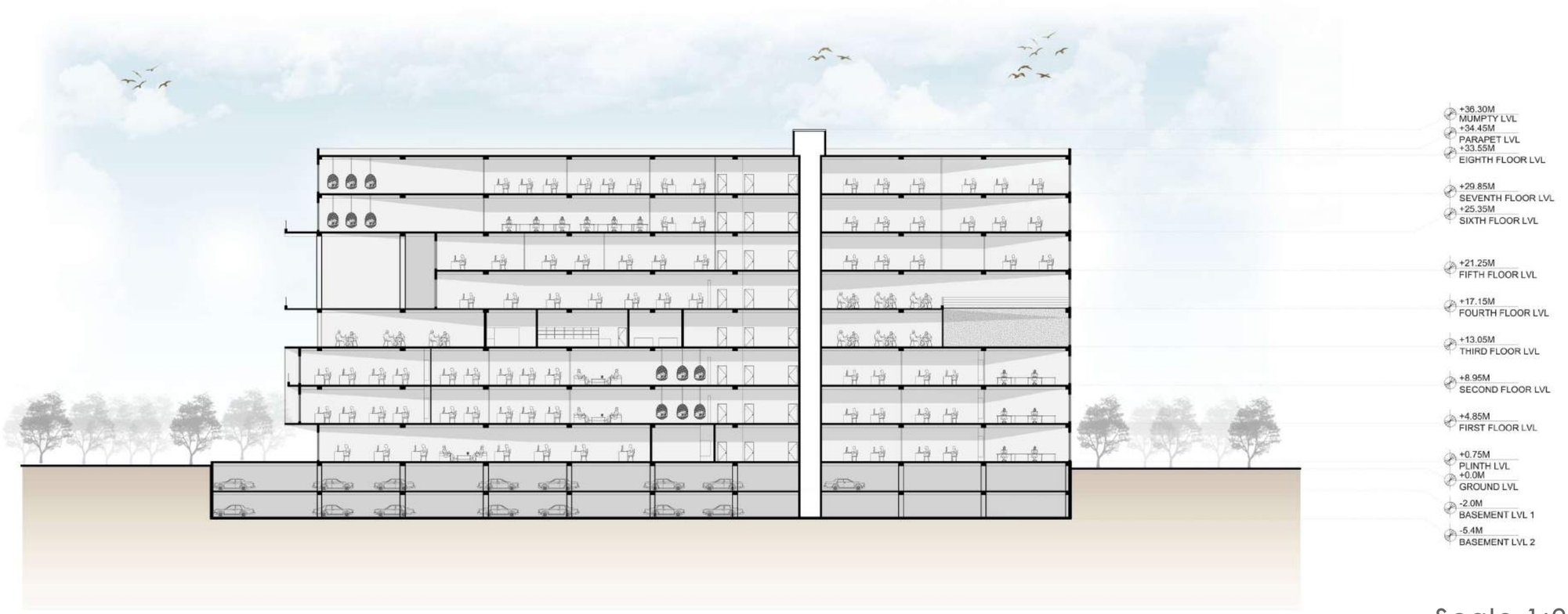


Section CC'

Scale 1:250

Asile between 3 blocks of co-living view

Section DD'



Scale 1:250

Views

Presentation drawings

South-west elevation

Scale 1:500

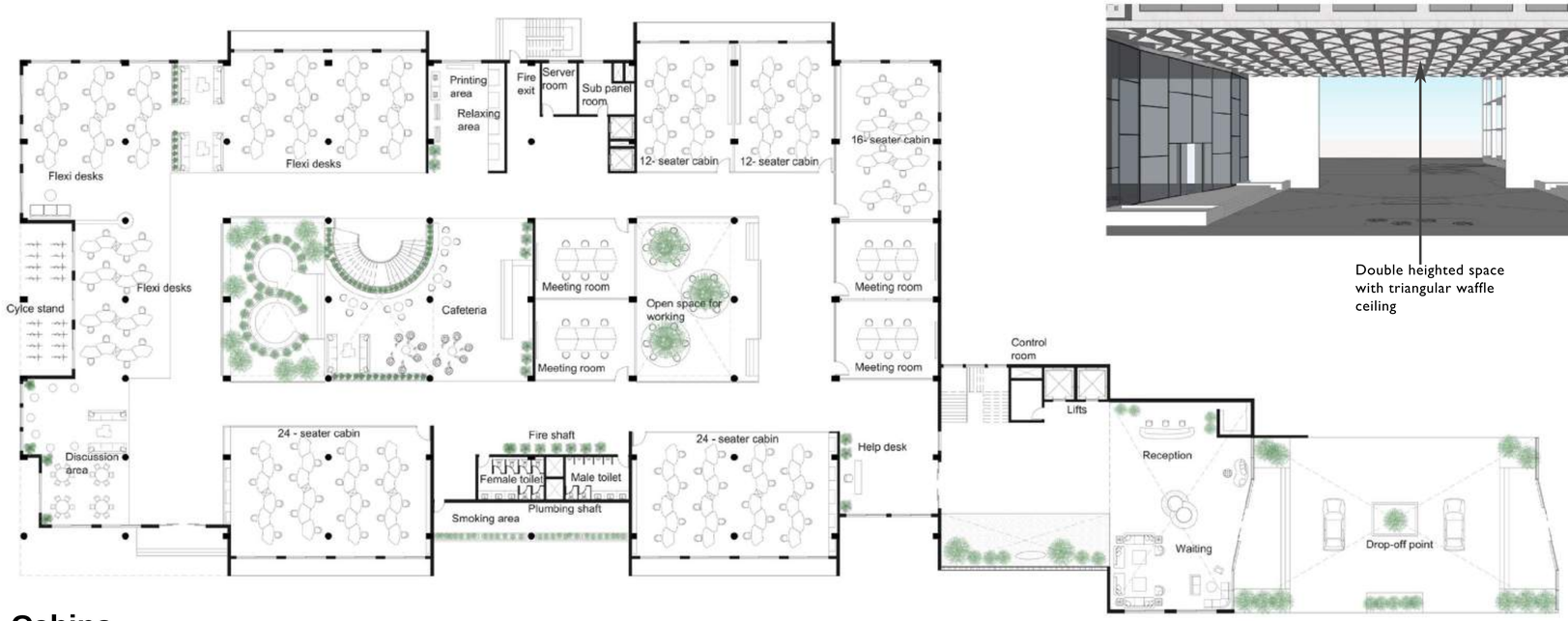
Back Facade view

Entry to the site view

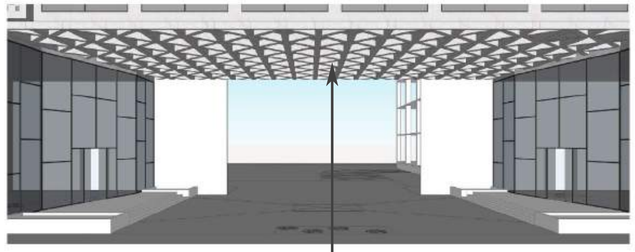
View of building from road

View of building from road

Layout plan -



Drop-off point -

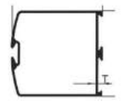


Double heighted space with triangular waffle ceiling

1" X 1" aluminium sections

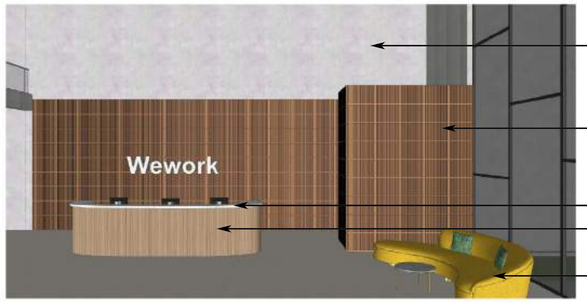
Clear tuffen glass of thickness 1/4" (6.4mm)

Sensor automated two way sliding door having top rail for sliding.



1" X 1" aluminium sections

Reception & waiting -



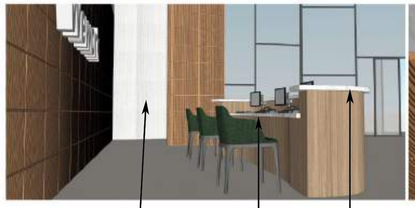
Concrete texture on upper half of the wall

Terracotta clay wall cladding tiles

Backpainted glass top

Wood

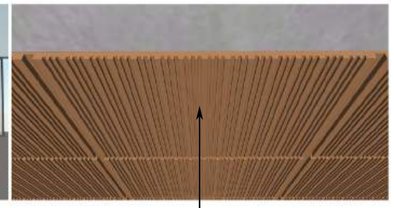
Bright colour sofa to create emphysis



Mail box area

height 0.9M

height 1.2M



Terracotta wall cladding of 0.7m X 0.4m with grooves of 2mm

Textured wall paint

Terracotta jali

Sculpture with planters

Bright colour sofa to create emphysis

Cabins -

Niche seating for flexible working / relaxation

Workstation

Vinyl weave tile flooring

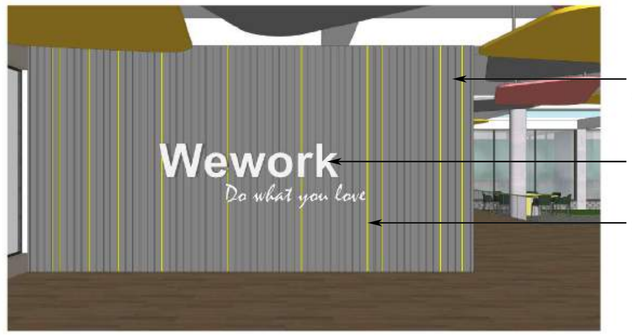
Texture paint

File storage cabinets - To-push open shutter

Plywood back

Fabric cushion for seating

Entry wall -



MDF board cladding with 8mm grooves at 10cm distance

Wework logo with tagline - backlit letters

Some grooves are painted in bright colours

Spiral staircase -

Gypsum board false ceiling

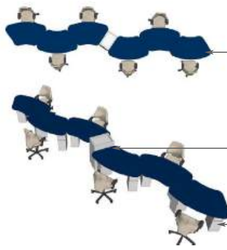
Bamboo for creating a partition

Exposed concrete staircase

Planter pots

Vinyl weave tile flooring

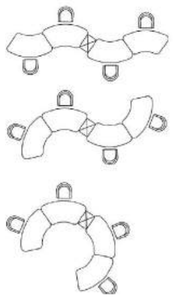
Workstations -



PU finish table top

Fixed cable box

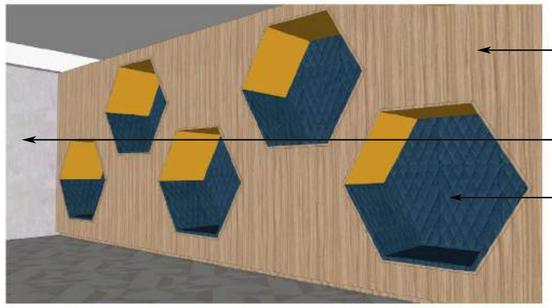
Storage



Cafeteria:

Discussion area:

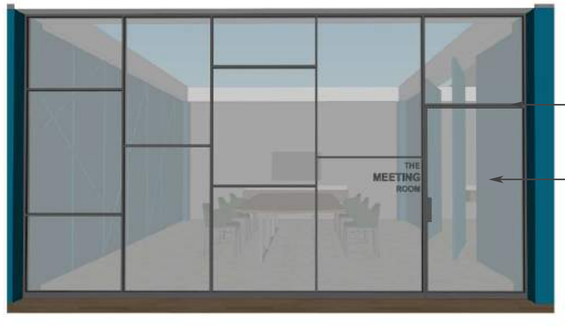
Relaxation area:



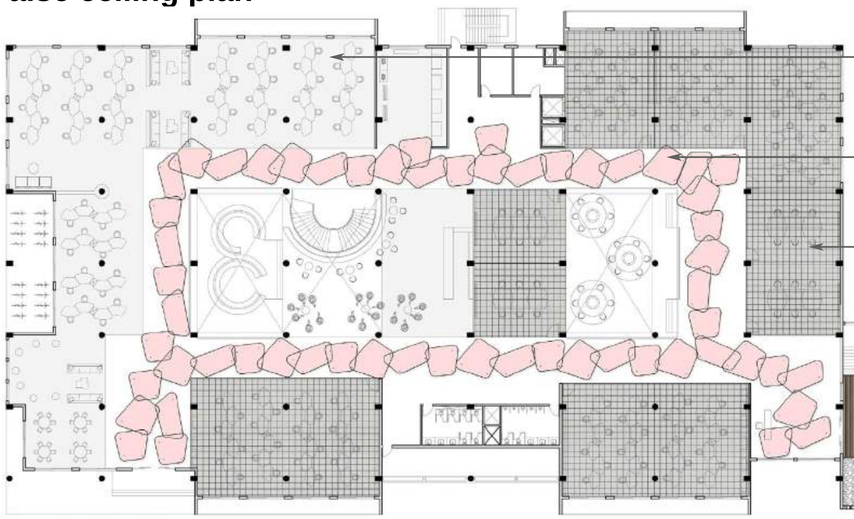
Coutyards:

Corridors:

Meeting room:



False ceiling plan



No false ceiling .
The ceiling and service will be painted white

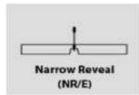
Gypum board false ceiling of different shapes and sizes hung at different heights

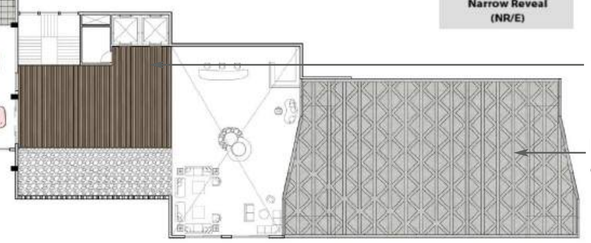
Fiber false ceiling with sand micro texture

Micro sand fiber false ceiling texture

Wooden ceiling has groove of 8mm in at 10. 6, 3 cm of gap

- These different shapes will be hung at different heights to create a movement pattern.
- Shaped will have cove light to create shadow patterns





Wooden ceiling with grooves of 8mm in barcode style

Exposed concrete flsdr ceiling ceiling

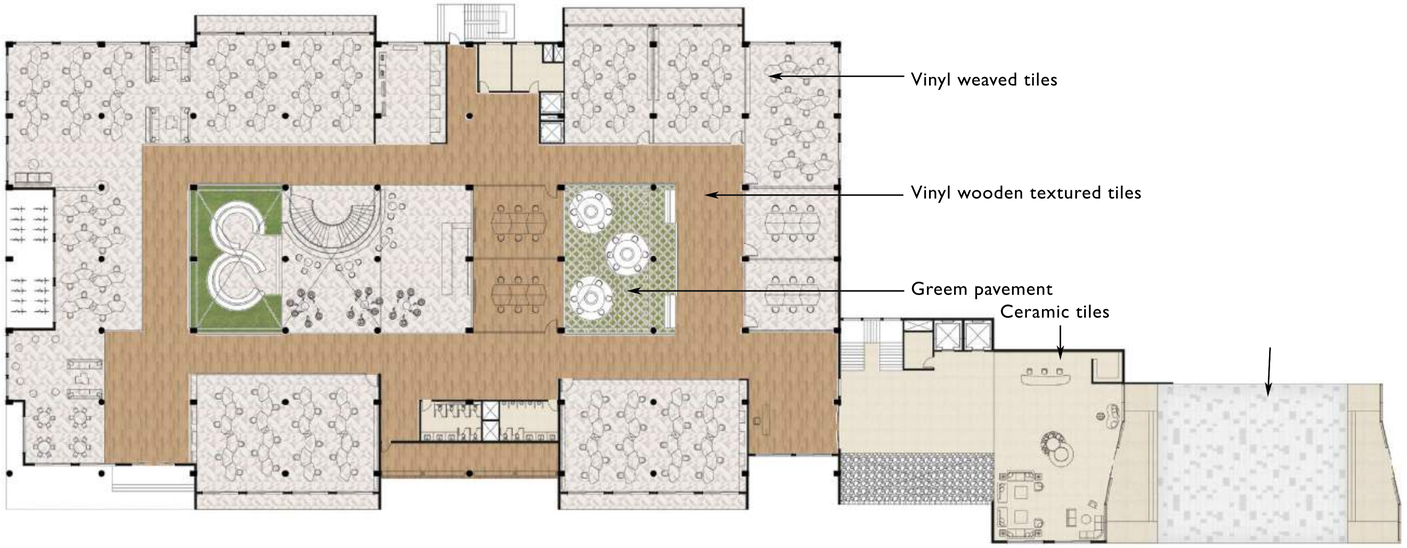
Section through cafeteria to courtyard

Vinyl wooden textured tiles
tile size - 30.5 X 30.5 cm

Rough textured concrete tiles
tile size - 1200 X 600 mm

Vinyl weaved tiles
tile size - 30.5cm X 30.5cm

Flooring plan



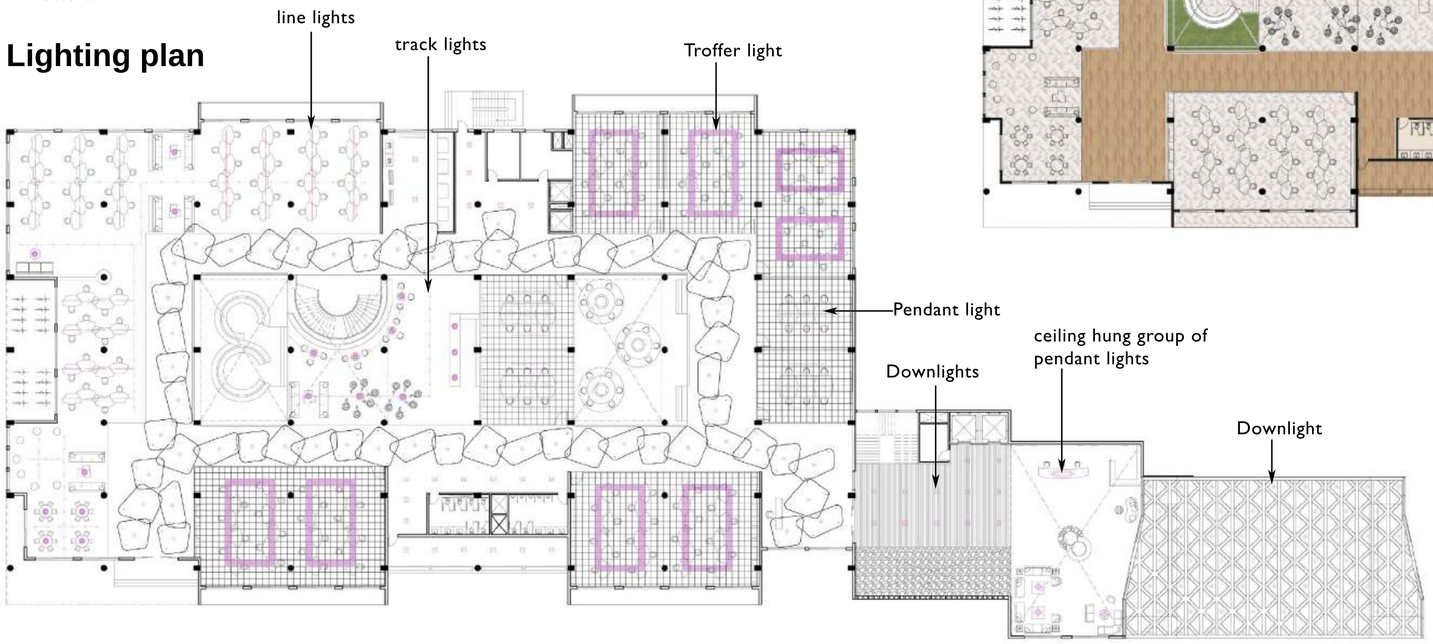
Vinyl weaved tiles

Vinyl wooden textured tiles

Greem pavement

Ceramic tiles

Lighting plan



line lights

track lights

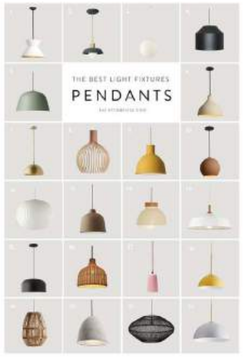
Troffer light

Pendant light

ceiling hung group of pendant lights

Downlights

Downlight



Pendant light

line lights

track lights