

*Coworking space*  
**PORTFOLIO**

## INTRODUCTION

**Co-working** is a term used to describe a working arrangement in which people from different teams and companies come together to work in a single shared space. A place that opens up the opportunity for spontaneous conversations, with like minded people, about anything you can imagine without feeling out of context.

The first co-working space was founded in **2005 in San Francisco**. It has become a part of the current sharing economy revolution. Today co-working facilities are wide spread across the world and keeps expanding rapidly in big and small cities. The new modern communities consist of more freelancers, independent contractors and solo entrepreneurs, and will constitute a large amount of the total workforce in the future.

Evolution in this industry has occurred in the form of expansion of such facilities and also in the innovation of the core values of a co-working space. Rather than just being a different type of office space that provides you with different types of office requirements, many co-working spaces have started to cater to civic needs such as education, gyms, swimming pools, creating demographic specific workplaces, providing insurance to freelancers, and much more.

This place is a co-working HUB, that consist of shared spaces for recovering, learning, earning and socializing. The most common users of this space include: **Freelancers, Entrepreneurs and start-ups**, and a recent trend has begun where larger organisation are seeing the benefits of shared office space and opting to use them rather than buying complete offices.

- Being inspired by each other and being an inspiration for the next generations.
- Co-working space offers social opportunities, networking prospects and general human interaction in place of isolation of work strictly from home.



## NEED OF STUDY

Not everyone can afford to buy or rent a property in a city centre with a close connection to main social networks and customers.

To strengthen the circular community.

These spaces continues to experience rapid growth. The number of shared workspaces nearly doubles each year and serves an increasingly broad community of users worldwide.

Co-working can be a part of an effective business strategy in other ways as well.

## AIM

To provide the user with an environment that can encourage its user to interact, thereby creating a platform where they quickly bounce ideas **back and forth**. Combine people at different ages and background with a common interest for sustainability and create a comfortable environment in the workspaces to enhance **work efficiency and productivity**. Enhance the productivity by providing live interior space.

## OBJECTIVE

- To create an environment that encourages social interactions and enhance networking and collaboration activity.
- To create a space to share and grow together.
- To provide greater flexibility and efficiency than traditional office space.
- To create non stressful, focused and productive designs.
- To create new and high quality way of working to strengthen the economy.

## SCOPE

- Co-working space will serve as a venue for social interactions through co operative collaborations, community events and room for local organisations.
  - Inventing new kind of building typology. Project will be give the freedom to create a new space by combining different types of existing spaces.
- Co-working is the new path which mould the life and work in a sustainable fashion. It will shape the way we work in the future.

## REQUIREMENTS

Reception  
Comfy sofa area  
Hot desks  
Meeting area  
Conference rooms  
Breakout spaces  
Workshop area  
Artists studio

Presentation / event spaces  
Brainstorming area-Learning space.  
Library  
Communal kitchen  
Print area  
Washrooms  
Dining space

## SITE-CALICUT

Location :  
Near Gandhi Park , Vellayil, Kozhikode, Kerala 673032

- Site is located in the town of calicut.
- Easy accessibility and more scope is available in this area.
- Total sqft - 19000 sqft.



Ground floor plan

## METHODOLOGY

## LITERATURE CASE STUDIES



AICL Workplace  
Area-7000sqft  
Location-Mumbai  
Architect-SAV



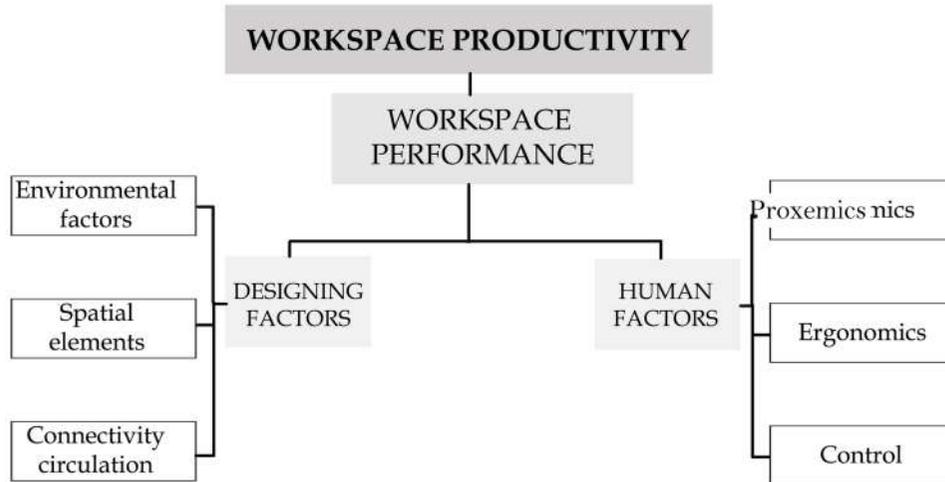
Second Home  
Hollywood  
Area-90,000sqft  
Location-Mumbai  
Architect-Salgascano



## LIVE CASE STUDY

KAIZEN cowork  
Area-6000sqft  
Location-Calicut  
Architect-Dots

# DATA COLLECTION



## 1. DESIGNING FACTORS



### 1.1 THERMAL COMFORT

Thermal comfort is one of the most important and easily defined parameters of the indoor environment.

#### (a) PASSIVE STRATEGIES

Which includes-Day lighting, Natural ventilation and Solar energy.

#### (b) ACTIVE STRATEGIES

Which includes-Forced air HVAC system, heat pump, electric lights.

### 1.2 VISUAL COMFORT

Visual comfort defines lighting conditions and the views from ones workspace. Insufficient light and especially daylight or glare reduces the ability to see objects or details clearly. Interior design has a direct impact on office lighting and office lighting has a direct impact on well-being and productivity. The access to natural lighting as well as artificial lighting is essential in order to ensure well-being of occupants in areas where natural lighting is missing or during evening when the natural lighting fades.

### 1.3 ACOUSTIC COMFORT

The acoustic comfort of building is the capacity to protect occupants from noise and offer an acoustic environment suitable for the purpose the building is designed for. There is a direct relationship between acoustic comfort and occupant productivity in commercial buildings.

1. Absorption of sound using ceiling tile
2. Blocking of sound using workstation panels and workspace layout.
3. Covering up of sound using electronic sound masking techniques.

## 2. HUMAN FACTOR IN WORKSPACE

Human factor is the understanding of how human relate ,function and interact with the physical space. Amongst various factors, privacy, personal space, proximity and ergonomic balance for comfort are considered as primary concepts.

### 2.1 PROXEMICS

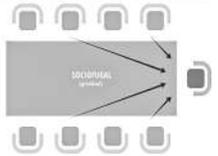
Its the study of how people interact with eachother as well as space and relates to social, physical and psychological aspects of space as well as the way spaces are planned. The theories of proxemics talk about proximity in relation with space and humans which directly affects the spatial planning in a space.

The following principals of layout determine the way people interact based on proximity:

#### (1) SOCIO FUGAL SPACE

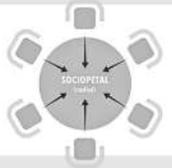
The furniture is arranged in a **linear organization** or **solo seating** such that interaction is discouraged. It also includes **parallel seating** which is more formal ,but it allow limited communication.

- **In the focus workspace, the socio fugal arrangement is considered which provide proximity but discourage interactions.**



#### (2) SOCIO PETAL SPACE

Furniture arrangement is mainly in **L-shape, U-shape, box space, circular as well as radial and spaces planned at right angles**. This increase the proximity between people and allows the **face to face interaction**. It is mainly designed to facilitate a **collaborative mode of working**.



#### (3) TERRITORIALITY

Territoriality is the type of privacy used to communicate one's control over an area. Differentiation and division of areas also mark territory at a macro level. They are either **visible, solid or invisible, seamless boundaries**. Even when there is **no physical barrier dividing a space, it can also be marked by flooring and ceiling in color texture or material**. Furniture elements are also used to distinguish the space.



Territory formed by the furnitures.



Territory formed by the glass wall.



Territory formed by the flooring.

## 2.2 ERGONOMICS

Ergonomics plays an important role in office design right from positioning in the overall layout to service and placement of workstations. At the micro-level, it is also applied in the orientation of furniture, appliances to the lighting conditions. Important aspects of ergonomics include optimum placement of equipment, integrating the human factor, employee well-being, and effectively aligning the workplace into the surrounding environment. It sets basic standards for better movement, and better comfort and defines the distance needed between various commodities of a workstation to ensure well-being of the employees.

It is divided into three broad categories: organisational, cognitive and physical.

### 1. ORGANISATIONAL ERGONOMICS

This includes the application of ergonomics in planning where the communication pattern is set and the desired distance between colleagues as well as per person area allocation. Per person area distribution varies from the floor area of an office, but 110sqft. allocation is considered as a favourable condition.

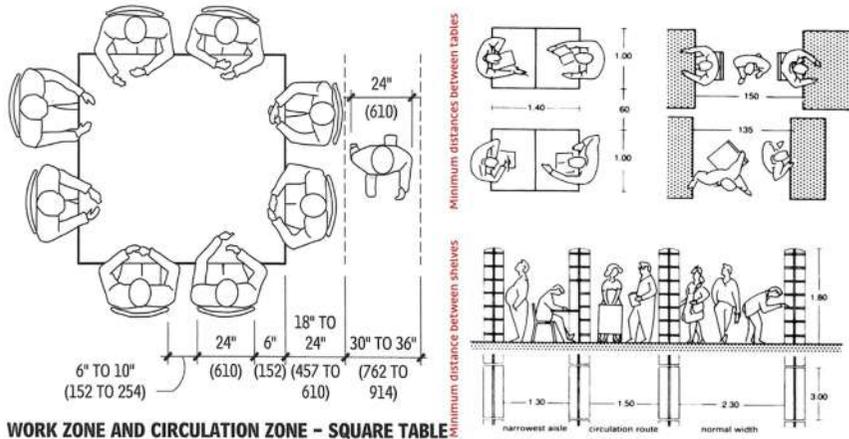
### 2. COGNITIVE ERGONOMICS

Ergonomics involves psychological factors such as perception of one's surrounding environment. Under this employee well-being is considered in an office. This involves lighting conditions, the spread of natural light, volumetric experience, encouragement of movement in space, bringing in nature, crowding and also consists of colors and materials.



### 3. PHYSICAL ERGONOMICS

There are certain ergonomic standards set for postures and distances between chair and table as well as the position for other appliances. The standard set for width of circulation passages, distance zones for internal arrangement of workstation should be followed.

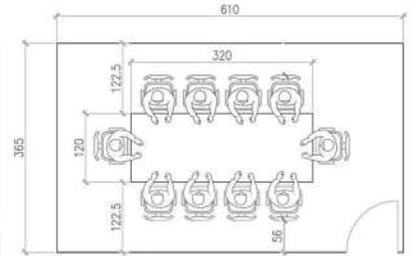
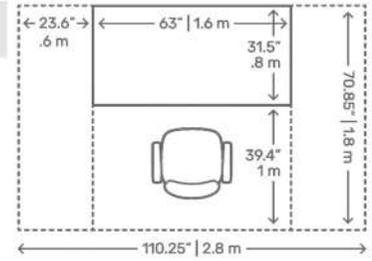
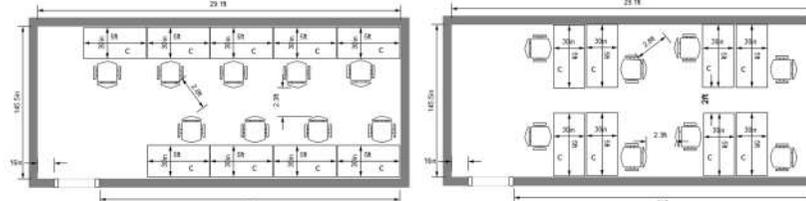


WORK ZONE AND CIRCULATION ZONE - SQUARE TABLE

## WORKSTATION

The basic unit of workstations are desk and therefore require the most consideration. The following rules are applicable in positioning desks:

1. In open area, consideration should be given to placing desks in rows of two. This method will permit the use of bank type partitions as a divider for those activities which require visual privacy while still obtaining maximum utilization.
2. Desks should be spaced at a distance of 6ft from the front of a desk to the desk behind it. This distance should be increased to 7ft when desks are in rows of two.



## CIRCULATION

The size of an aisle should be governed by the amount of traffic it bears. The following standards with regard to internal circulation will be applied in space planning surveys:

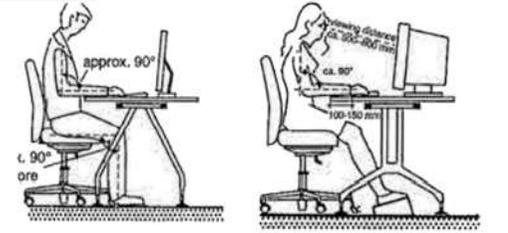
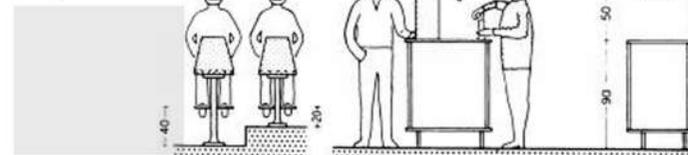
1. Aisles leading to main exits from areas which carry substantial traffic (main aisle) should be 60 in wide.
2. Aisles which carry a moderate amount of traffic (intermediate aisles) should be 48 in wide.
3. Aisles between rows of desks (secondary aisles) should be approximately 36 in wide.

The more common rooms will have the following typical space allotments, based on their use by 15 people.

1. Reception room - 400 sqft
  2. Waiting or interviewing room - 200 sqft
  3. Conference room - 500 sqft
- And approximately 10 sqft for each additional person to be

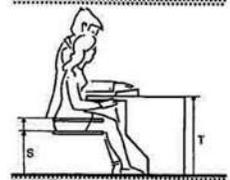
## SIZES OF PRIVATE OFFICES

It is desirable that private offices be a minimum of 100 sqft and a maximum of 300sqft each in size, depending upon the requirements of the occupant.



Ergonomically correct basic posture at computer workstation

5 Ergonomically designed computer workstation with fixed desk



7 Dimensions for workstation furniture

Job type 1	Women	Women and Men
T (Table height)* (630-1) - (730-1)(830-1) - (780-1)		
S (Chair height)	420-460	420-500

Job type 2	Women	Women and Men
T (Table height)* (700-1) - (730-1)(750-1) - (780-1)		
S (Chair height)	420-460	500-550
P (height footrests)	0-100	0-150

Job type 2	Women	Women and Men
T (Table height)* (630-1) - (730-1)(830-1) - (780-1)		
S (Chair height)	420-460	420-500

\* T means keyboard height above the table top

# AICL - WORKSPACE MUMBAI

Location - Andheri West, Mumbai, Maharashtra, India

Area - 7000 sqft

Architect - SAV + Design

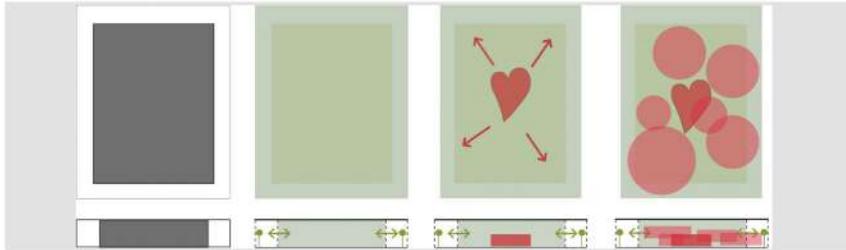
## SAV Architects + Design

SAV is an international contemporary architecture and design studio producing highly original and intra-disciplinary work. Their work is inspired by nature and its resourceful efficiency and complex beauty. Founded in the year 2011, diverse team of design professionals includes architects, designers, computational programmers and artisans. They see their studio as a platform to explore multiple curiosities between places, stories and cultures, as well as with systems, structures and spaces.

SAV Design Team : Amita Kulkarni, Aravinth Kumar, Divyansh Srivastava, Mannat Bains, Vikrant Tike.

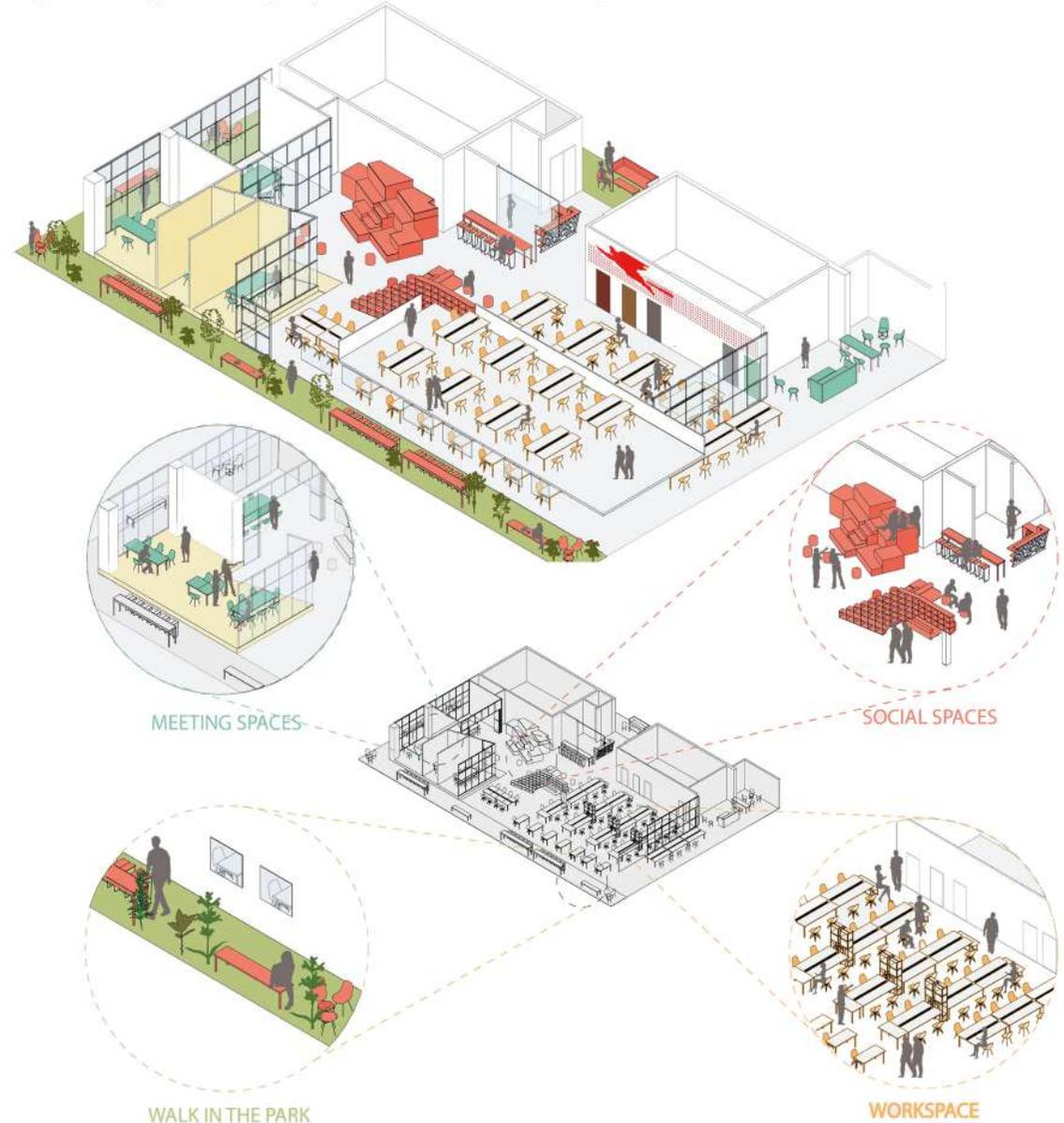
## DESIGN CONCEPT

The initial brief and ideas for the new AICL workplace design were discussed collaboratively with the clients, with a lot of emphasis on understanding the future of working environments especially in the creative industry. Since creative methods have a lot of 'fuzzy thinking' we conceptualised this thought process into a mix of 'fuzzy spaces' for the new AICL workplace.



The central heart of the fuzzy spaces is the large double height library, the living lounge and the stepped amphitheater spaces which all overlap spatially as well as programmatically during large events and talks that the agency holds both for in house learning as well as an open exchange platform to bring varied external inputs.

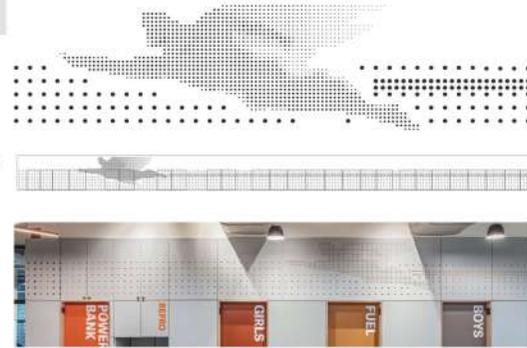
"The central concept was to create a series of overlapping programs that have fuzzy boundaries alternating between living, work and landscape spaces," Kulkarni explains. The idea was to have each space exist as an individual unit, while also working seamlessly to create a cohesive environment. At the heart of this concept are The Café Living Library – a library, a lounge, and a stepped amphitheater. These distinct spaces can serve as pockets for informal work meetings during the day or can be made to overlap seamlessly into a single space to host events, talks or parties.



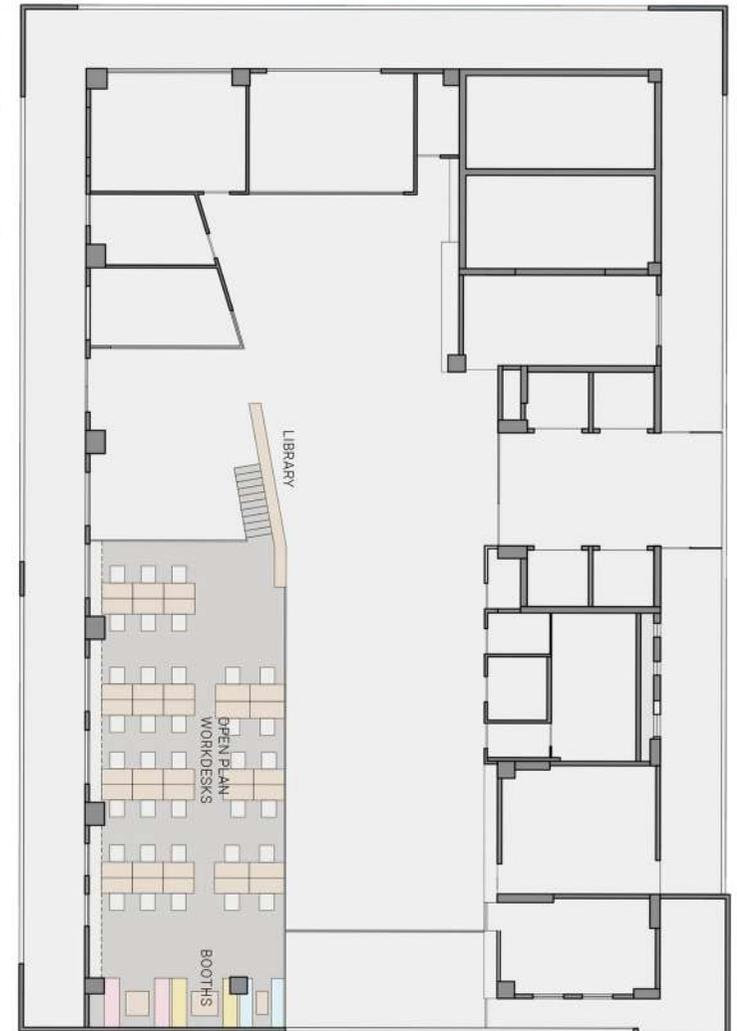
## DESIGN DEVELOPEMENT

By using the office's large open plan style layout, we create a series of overlapping programs alternating between **living, work and landscape spaces**. **Metal and laminate storages** along the wall are used as a gradient of colours to generate splash of fun in an otherwise **minimal and neutral material palette**. Overall the entire space is made in an open plan and modular way to ensure flexibility of changing desks or adding further seating if AICL grows further.

There is an equal emphasis in overlapping of different programs over all the spaces including the outside ones, so that events, meetings, working and fun things can be interspersed all across and each and every space gets used in with a fresh ideas making the entire working environment as much 'Fuzzy' as it can be.



## FURNITURE LAYOUT





SECTION 1



SECTION 2



SECTION 3

The furniture is another character in the space—sometimes muted, at other times whimsical. As architects who also design and make the furniture, we had the advantage of being able to create customised pieces that flow with the overall look and feel of the space. The team chose modular furniture forms to create functional, cost-efficient pieces of furniture that were also innovative additions to the creative nature of the space. Since they crafted almost all the furniture elements, they could incorporate a lot of graphics, textures and design elements within the interiors which otherwise would have either missed or would be an afterthought. Lighting also played a crucial role in creating warmth, while maintaining a sense of vibrancy within the interiors. “We divided the lighting design into three broad layers, First, **the main cross lights were fabricated with an orange forward slash**—the AICL logo. Second, **ambient lighting** for the work desks was offered by long, linear lights. The third layer comprises more specialised pieces like **pendants or bird lighting**.

## FRESH PALETTE

The “broad strokes” of the space, as Kulkarni and Tike call them **the concrete floors, the white ceilings, and the birch plywood furniture** pieces served as a binding theme across all the spaces. Architect highlight key parts of the design through the right contrasts. **The colour gradient of the doors and the bold graphics on the signage accentuate the space** all the more because of the muted backdrop. The reception wall is highlighted with plywood pieces, the simple customised furniture makes up the waiting area.

## WORK DETAILS

The fire exit passageway was transformed from a standard green corridor into a sort of indoor park—complete with plants and outdoor furniture. This is A Walk in the Park—a digression from the traditional workplace that encourages relaxation, and fun. The main open-plan workspace, or The WorkZone, consists of long, modular desks and a cabinet wall on one side, complete with a magnetic surface that can serve as a whiteboard. Splashes of colour are offered by the metal and laminate finishes of the doors and storage spaces—a vibrant contrast to the otherwise minimal space. Finally, The Pods Zone comprises cabins and conference rooms with glass partitions. The partition of the large conference room folds back, allowing it to integrate into the open-plan space during larger events.



### **FUZZY SPACE 1**

Fuzzy Space 1 / **The Cafe Living Library**: The central heart of the fuzzy spaces is the large double height library , the living lounge and the stepped amphitheater spaces which all overlap spatially as well as programmatically during large events and talks that the agency holds both for in house learning as well as an open exchange platform to bring varied external inputs.

Along with that on everyday , this fuzzy spaces allow flexibility in working, create informal meet ups as well as allow pockets for people to work as they choose , sometimes like a cafe , sometimes like a library at other times like their own living room. At the end of the library is the creative desk, a large work desk that allows the graphical team to have more space to collaborate with freelance plugin, have their own meetings and interact directly with the fuzzy living spaces.

### **FUZZY SPACE 2**



Fuzzy Space 2 / **The Walk in the Park** : The other key concept was creating 'walk in the park', in which we used the metre and half wide fire exit passageway that ran all across the perimeter of the office space , into more than just a green corridor . We made it into became a 'green place' ; like a park, with outdoor tables , benches and sitouts as well plants , where one could meet, interact, eat , sit or just take a break from the grinding day. This would enhance productivity as well as offer a sense of well being which we think is crucial to today's workplace

### **FUZZY SPACE 4**

Fuzzy Space / **The Pods Zone** : All the private conference spaces and cabins are located one side of the office that would allow more quiet zones for video conferencing, client presentations as well as director meet-ups. Both the conference rooms are housed with a sleek black framed glass partitions allowing for full visual connection, with the large conference room able to physically open out with its sliding folding doors during large events to be apart of the living/ amphitheatre space. The director rooms are seen more as private pods within this space, with a focus on calm and plush interiors giving a sense of a serene working oasis within the uber creative outside spaces.



### **FUZZY SPACE 3**

Fuzzy Space 3 / **The Work Zone** : The main open plan double height workspace consists **large long modular desks** , allows upto 70 staff members to work , collaborate, and meet . **The long cabinet wall on one side, consist of large flush storage with a magnetic surface that create large whiteboard** available for quick sketching, checking prints, quick meet ups and internal reviews. Metal and laminate storages along the wall are used as a **gradient of colours to generate splash of fun in an otherwise minimal and neutral material palette**. The same gradient is also used in the multiple doors within the magnetic surface wall allowing each ancillary or smaller meeting rooms/ lounges to have an identity of their own.



# SECOND HOME HOLLYWOOD

Location - 1370 n st.Andrews,place Los Angeles,CA

Area - 90,000 sqft

Architect - Salgascano

## SALGASCANO Architects

SelgasCano is a Spanish architectural office based in Madrid and founded in 1998 by José Selgas and Lucía Cano. The atelier focuses on the use of polychromy, creative exploration of new materials and the relationship between architecture and its surrounding landscape.



## DESIGN CONCEPT

They created innovative environments that bring diverse communities together and spark new ideas. The interior spaces in this project go pretty much unnoticed and the main focus is outdoors, which is quintessential to the living style in Los Angeles. In Second Home Hollywood, **instead of bringing the garden inside the office, they have brought the office out to the garden.**

The wooden and concrete path break through the garden with plants in both sides, as a stroll through yearlong flowers.



Second Home Hollywood is a sprawling co-working campus comprising of **bright yellow work pods interspersed with lush planting**, which provides studios and office spaces for creatives and entrepreneurs.

Winding pathways lead between the volumes to form connection between the units to **encourage relationships**.

The large pockets left between the units then be filled with thousands of plants and trees that are expected to grow above the roof canopies.

## DESIGN DEVELOPEMENT

### From parking to naturescape

Constructed on a former parking lot in Hollywood, the space entry takes advantage of a pre-existing building from the '60s designed by American architect Paul Williams and repurposes it for not only extra working spaces but also for communal areas with terraces, bars, cafes, and restaurants. The building also accommodates an event and conference hall.

'what previously was a parking lot is now a garden,' says selgascano. **'it is one of the few private developments in history in which the footprint of the built-environment has been returned to natural-environment.'**

As those occupying the site have to co-exist with living things other than humans, the design team also points out that, **among other benefits, the plants provides shade, thus helping to reduce the site's temperature. meanwhile, the clear facade eliminates the need for artificial lighting, while three operable openings allow for natural cross-ventilation.**

## LITERATURE STUDY

On top of the existing underground parking, a 60 new oval-shaped individual offices and meeting rooms are placed surrounded by a garden that will be the Second Home for almost 700 people. **Four different oval shapes create the 60 bungalow offices of 4 different sizes, that are scattered around the garden built with 4 feet of soil on top of the parking slab, burying the bungalows down to the table height. The transparent curved walls allow 360° horizontal views of the plants, giving the feeling to be working among nature.**The studios designed in a variety of elliptical forms looks like a hallucinogenic cluster of toadstools. Their signature color is a **zingy pineapple yellow**, a tone that appears not on the studios, bright roofs but also as accent on furnishings. The **pendant lamp that dangle from the ceiling resemble minimalist cocoons.** There isn't a straight line in sight. The studios donot have shared elevators or sealed hallways recycling the same stale air.

It's able to open the door and being surrounded by nature. That close relationship with the good weather, hummingbirds and flowers is lost if you have stairs, elevators or corridors in the way.

**THE GOAL WAS TO WORK IN A GARDEN ,WHERE YOU CAN BE INDOORS BUT THE OUTDOORS IS JUST A DOOR AWAY.**

## FLOOR PLAN AND UPPER PLAN



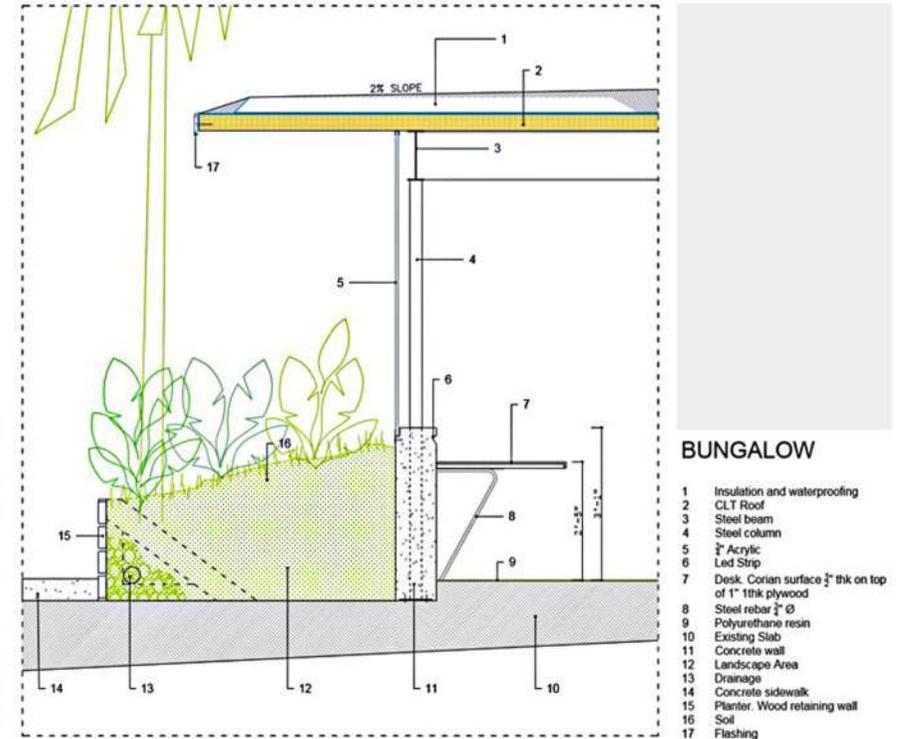
Featuring 60 single-story pods, which accomodates **200 companies and more than 1,400 people** by offering an inspiring workspace which serves as both an incubator for new ideas and a platform to drive conceptual design. Additionally, Second Home acts as a **social hub** where guests can network with an open-to-the-public restaurant, roof deck, and outdoor terrace as well as access to unique resources such as a bookshop, auditorium, recording studio, and post-production editing facility.

## MATERIALS AND TECHNIQUES - Glass and Green

Second Home Hollywood uses landscaping and diverse materials, such as **acrylics, fabric membrane, and colored tubing**, to blend form and function and integrate with the surrounding neighborhood.

Design elements such as the bungalow orientation, external shading, envelope materials, and sustainable equipment selections for the building systems were closely coordinated to reduce energy usage while preserving the lush views of the surrounding landscape. Another sustainable design element is the **cross laminated timber (CLT) roof**.

The design architect preferred to use cross-laminated timber (CLT) as a key structural element for the workspace pods because of its **high strength, detailing simplicity, efficient low-waste offsite fabrication, and lighter environmental impact**.



## SECTION



Second Home Hollywood represents a fairly simple use of materials and techniques. Due to LA's famous always **sunny weather**, indoor corridors were not needed and instead a complex of oval shape offices connected by outdoor paths became a clever solution. Combined with all surrounding glass wall capsules and immense amounts of plants and trees, it creates open yet private working spaces. The **Pods range from 248 to 588 square feet, the biggest accommodating up to 30-person teams.**

Surrounded on two sides by pods, the existing building now houses shared zones for individuals or freelancers, plus a podcast studio, meeting rooms, and such open-to-the-public amenities as a bookshop, a flexible event space/auditorium (seating 200), and a restaurant/ café that spills onto a leafy terrace.

Upstairs in the main building, SelgasCano reinvented the workplace cubicle, creating a wandering path amid "studios" (typically, smaller alternatives to the freestanding pods), wrapped in faceted glass from desk height up, with sound-buffering carpet below. **Long, wavy-edged team desks, punctuated by eclectic table lamps, line the interiors.**



The materials for **the tables and desktops are, a non porous composite material.** Its very durable, seamless materials that allows us to easily build curved shapes. **Walls** - transparent acrylic to provide plenty of natural light and views outside.

**Flooring** - Glossy epoxy flooring



#### LIBRARY

Downstairs, **saffron-colored strand curtains line the multipurpose room, where pulleys can lift the bean-shaped work-tables (with mirrored undersides) to the ceiling to clear the space for events.**

Bright-colored hairpin legs, made of rebar, support SelgasCano-designed tables throughout the campus, including patio versions with trees poking through.



The open air courtyard area become an informal work and meeting space.



A majestic rooftop space that overlooks the campus.

- Uses Include: Panels, Parties, Performances, Dinners, Social Gatherings



#### RECEPTION



**Location - S beach road,kuttichira, kozhikode,kerala**

**Area - 6500 sqft**

**Architect - Dot Architects**



FAHEEM FAISAL, SHEEHA HAMEED, MUHAMMED NOUFAL  
**DOT ARCHITECTS**

Dot Architects, led by Ar. Faheem Faisal, Ar. Mohammed Noufal and Ar. Sheeha Hameed has designed an office building in Calicut, which is the epitome of adaptive reuse and restoration.

**“Our work highlights the importance of adaptive reuse and recycling a building as a whole in order to promote and create awareness in terms of sustainability and cost-effectiveness,”** says Ar. Hameed. The project also showcases the restoration of traditional architectural styles, which imparts the morphology and architectural character of the street in Calicut, Kerala

The project is **located in the South beach part of Calicut**, Kerala, India, within the major historical part of the city. It stood at the entrance of **Bavutti Haji Road**, which leads to Kuttichira- another important touristic site with a proud history flaunting a unique sociocultural and architectural style.

**KAIZEN** aim to achieve at to create a commune where people from various fields Can come in work, meet others, exchange ideas, develop synergies, collaborate on projects. At present there is no other space in the state with such a vision.

Their, offerings include virtual business address services, dedicated workstations, Cabins for larger teams, state of the art conferencing rooms. Other than the typical services, what sets them apart is that they give their members the space to kick back in our entertainment area or grab some air in the balcony or even sit and work in the balcony space.

Eventually, the warehouses did not follow any homogeneity in aesthetics disregarding the existing architectural character of the area. Being located along a significant heritage corridor, this questioned the morphology of the street.

This place has a long story to tell- **the story of an old town with prodigious commerce, cultural and religious events happening.** The place witnessed a lot of commercial buildings being erected here and there.

### Adaptive Reuse of 60-Year Old Structure

During the design stage, the firm suggested adaptively reusing the building without disturbing the existing structure and creating something that merges with the context and revitalizes the street.

## LIVE CASE STUDY



The main challenge they faced was dealing with the 60-year-old existing structure

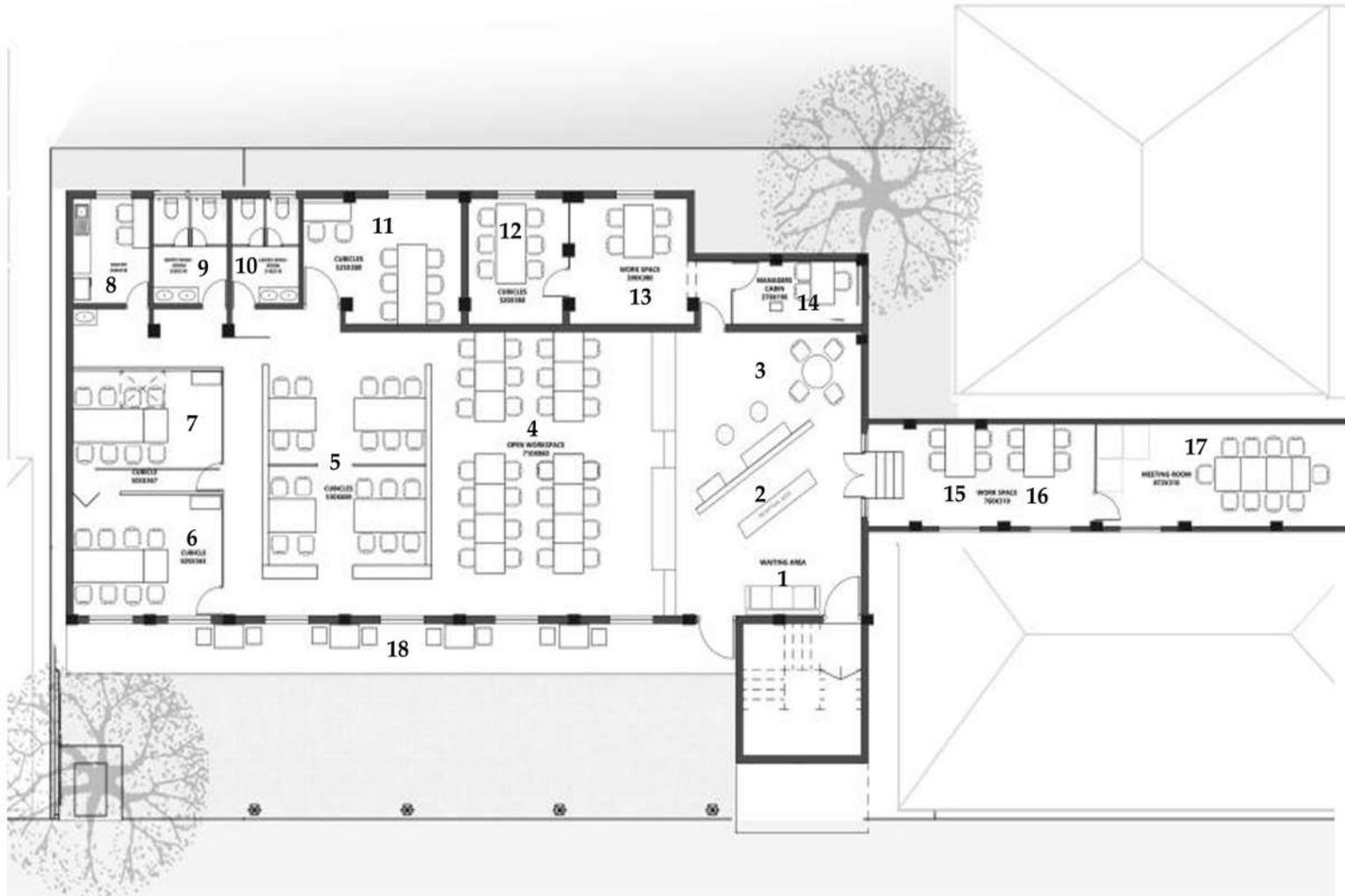
## DESIGN CONCEPT

### A Fusion of Traditional and Colonial Architecture

The underlying concept was to bring in a blend of traditional architecture and colonial architecture elements to showcase the importance of the architectural style with respect to the context.

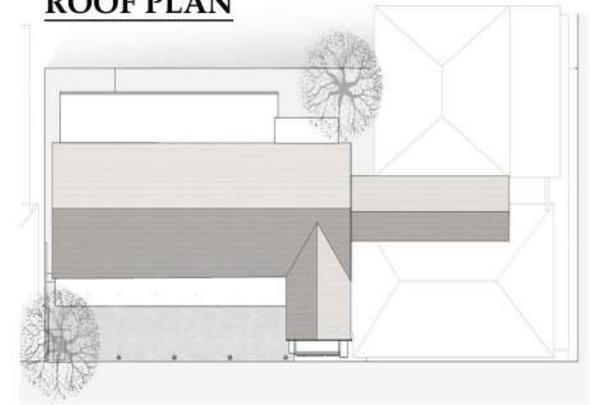
The inclusion of a **gable roof with truss work and Mangalore pattern tiles, arched windows and the cantilevered balcony space created an exhilarated identity for the building** aligning with that of the heritage corridor. The existing building had several rooms arranged in a rather unorganized manner. The core functional space was created by retaining this existing wall layout rather than demolishing and creating new spaces.

### FIRST FLOOR PLAN



- 1.Waiting area
- 2.Reception
- 3.Gaming station
- 4.Open workspace-710x860
- 5.Cubicles 530x600
- 6.Cubicle-415x370
- 7.Cubicle-415x367
- 8.Pantry-279x310
- 9.Gents washroom
- 10.Ladies washroom
- 11.Cubicle-525x380
- 12.Cubicle-320x380
- 13.Workspace-390x380
- 14.Managers cabin-270x190
- 15.Meeting room-300x160
- 16.Meeting room-300x160
- 17-Meeting room-733x310
- 18.Balcony

### ROOF PLAN



During the design stage, we suggested to adaptively reuse the building without disturbing the existing structure and to create something that not only merges with the context but also revitalizes the street. Thereafter, the main challenge we faced was to deal with the **60-year-old existing structure**. Overall, this project brings to the forefront that adaptive reuse is an efficient method of recycling. Here the **whole building has been recycled, reused and**

### An Elegant Stair Room Retaining Existing Colonial Style

The ground floor area contains commercial space and the first floor is designed as a co-working space. One is welcomed by an interesting stair room laid with pattern tiles that retained the existing colonial style handrail upon entering



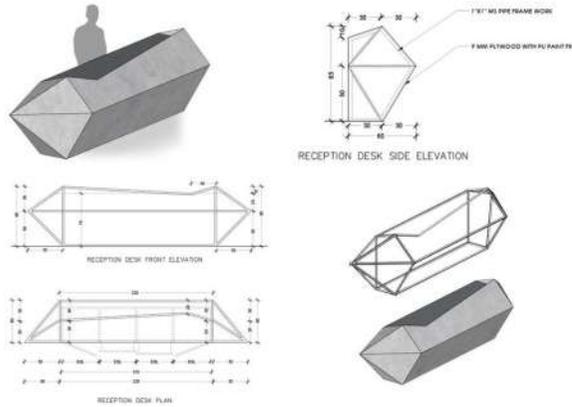
The stairs bring the visitor to an elegant reception on the upper level. Here, one finds the main conference room to the right and the working space to the left.



This reception desk is made of **concrete, plywood and metal with storage under**. The reception and the gaming area are separated by an **OSB board partition**.

Here we find the main conference room to the right and the working space to the left.

The detailing of the reception desk as shown in the following :-



The major working area was arranged in an open layout providing a flexible space that can be put to multi-purpose functions.

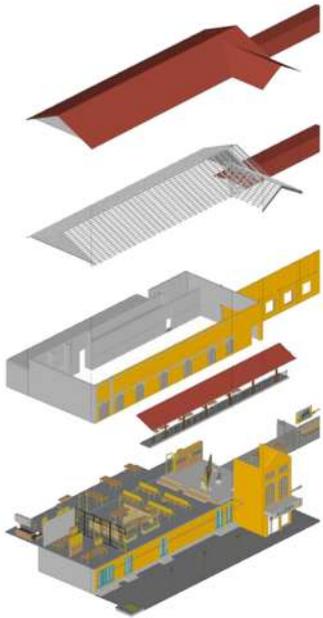
### An Informal Working Setting

The **double-height roof** structure brought in a greater volume to emphasize the openness and to bring a spacious working atmosphere. An informal working setting was created rather than a conventional composed office space. Adding to this, the **colours and tones used present a cheerful and warm environment for the users**. An additional **balcony design was cantilevered without disturbing the old exterior structure to create an open, relaxing area**. This will be a place to sit back and unwind between the busy working hours. The narrow corridor on the west is facing the beach and is used as a conference room with a more **splendid view of the beautiful beach**.



South elevation





EXPLODED VIEW

The color palette followed here is **Yellow for the exterior walls and white for the interior walls.** The interior flooring was planned to be cement texture to showcase the yellow and wooden furniture. The windows were kept white to maintain the colonial architecture style. **The ceiling was painted black in the interior and terracotta color for the exterior.**

**Overall, this project brings to the forefront that adaptive reuse is an efficient recycling method. Here, the whole building has been recycled, reused, and repurposed, which adds to cost-efficiency and sustainable values**



## CONNECTIVITY

Calicut town-2km  
KSRTC stand-2km  
Railway station-720m

Main user groups are freelancers, start-ups, students, private companies and entrepreneurs.



Cubicle 1



Cubicle 2



Balcony



EXISTING MORPHOLOGY



Conference room



Workspace



Gaming area



# COMPARATIVE ANALYSIS

PARAMETERS	AICL WORKSPACE	SECOND HOME HOLLYWOOD	KAIZEN COWORK	INFERENCE
Area	7000sqft	90,000sqft	6500sqft	150,00sqft
Plan				
Design concept	Concept of overlapping functions, three border concepts are living-work-landscape.	Instead of bringing the gargen inside the office, they have brought the office out to the garden.	Fusion of traditional and colonial architecture.	Connectivity and flexibility of spaces through propinquity effect.
Conceptual zoning	There is a passage left on the shell, which caters to recreational activities, meeting spaces and walk in the park. <b>Work area is centrally planned in the shell such that it is enveloped from all the distraction.</b>	Four different oval shapes create the 60 bungalow offices of four different sizes, that are scattered around the garden. The transparent curved walls allow 360 degree horizontal views of the plants, giving feeling to be working among nature.	The double-height roof structure brought in a greater volume to emphasize openness and to bring a <b>spacious working atmosphere</b> . Narrow corridor on the west is facing the beach and is used as a conference room with a splendid view of the beautiful beach.	Different permutations of one space can be done using flexible interior partitions to promote easy and efficiency use of spaces by the users.
Acoustic comfort	Work area is centrally located so there is no direct outside connection, so it cut down noise and other distractions, let the worker focus.	Acoustic comfort is acquired through glass walls and plants across the periphery of pods. It helps to trap the outer noise and reduce disturbance inside.	The gaming zone is placed near the workspace without any partition. So it can easily spread the noise to the workspace.	Acoustic comfort is acquired through glass walls, Acoustic ceiling tiles and partitions.

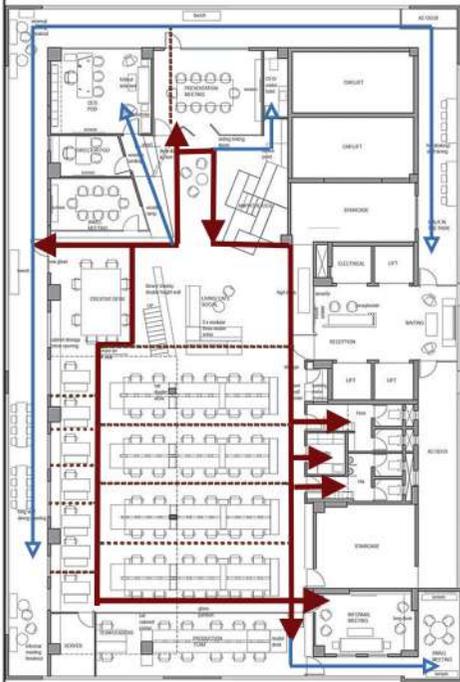
# COMPARATIVE ANALYSIS

PARAMETERS	AICL WORKSPACE	SECOND HOME HOLLYWOOD	KAIZEN COWORK	INFERENCE
<b>Area distribution</b>	It can be observed that workers break-out and engagement are <b>equally</b> emphasized in designing the workspace.	It can be observed that workers break-out and engagement are <b>equally</b> emphasized in designing the workspace.	It can be observed that workers break-out and engagement are <b>not equally</b> emphasized in designing the workspace.	It can be observed that workers break-out and engagement are <b>equally</b> emphasized in designing the workspace.
<b>Lighting</b>	Customised lights, pendant or bird lighting.	Projected desk lamps, skylight and natural light.	Track lighting and panel lighting.	Projected desk lamps, skylight and natural light, pendant light, long linear track lights.
<b>Workspace</b>	For nearly 180 persons.	For nearly 1400 persons.	For nearly 85-90 persons.	For nearly 200 persons.
<b>Library</b>	Central double-heighted library space.	having a library space	No library space	Double-heighted library space.
<b>Private office</b>	No private office space	No private office space	5 private office space	Having private office space
<b>Organisational values in interior</b>	Organisational values reflected through captions, colours and textures. Minimal approach to interior element.	Organisational values reflected through materials like glass and wood as a primary material, planters which bring freshness in the space.	Organisational values reflected through the inclusion of gable roof with truss work and mangalore pattern tiles, arched windows and cantilevered balcony space.	Organisational values reflected through materials like glass and wood as a primary material, minimal approach to interior space.
<b>Thermal comfort</b>	Forced air HVAC system is used. Proper distribution of cooling outlet and inlet so indoor temperature remain comfortable for people and they perform their task well.	Plants reduce the temperature and provide shades. Provide natural ventilation which boost productivity and eliminates necessity of artificial lighting.	Forced air HVAC system is used.	Forced air HVAC system is used.

# COMPARATIVE ANALYSIS

PARAMETERS	AICL WORKSPACE	SECOND HOME HOLLYWOOD	KAIZEN COWORK	INFERENCE
<b>Interaction</b>	The <b>linear</b> arrangement of individual workstation reflects socio petal interaction where <b>face-to-face interaction</b> is encouraged.No physical barriers which lead to free flowing of communication.	The <b>circular</b> arrangement of individual workstation reflects socio petal interaction where <b>face-to-face interaction</b> is encouraged.No physical barriers which lead to free flowing of communication.	The <b>linear</b> arrangement of individual workstation reflects socio petal interaction where <b>face-to-face interaction</b> is encouraged.No physical barriers which lead to free flowing of communication.	The <b>linear and circular</b> arrangement .

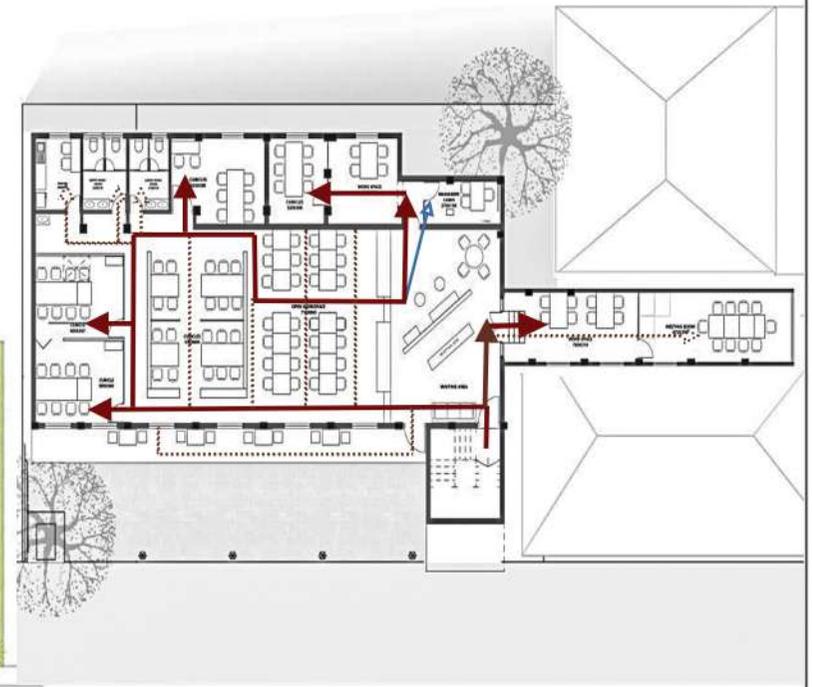
## CIRCULATION



AICL LAYOUT



SECOND HOME HOLLYWOOD



KAIZEN LAYOUT

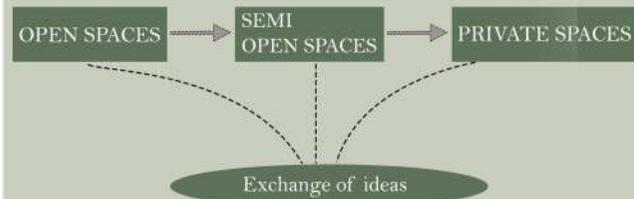
# CONCEPT

## CONNECTIVITY (Space,Function,People)

When designing a workspace , two different funtions co exist within one area.On one hand users need an atmosphere where they can concentrate and focus. A **comfortable private space** meant to work alone,communicate digitally and organise meetings.On the other hand ,they need a **more open space to connect,recharge and get inspired**, a space closer to a social gathering rather than an office.

The concept of my design is based on this dual necessity from workspace-**CONNECTIVITY**.

The concept is interconnection between spaces.As coworking office itself is a creative office space where one connects with other and that is how this space becomes more lively.



## PROPINQUITY EFFECT

The propinquity effect is a 1950's social psychology theory that assumes that strangers who encounter one another with some frequency tend to develop friendships.

The more we meet and interact with people,the more likely we are to become friends with them.



# SITE DETAILS

## LOCATION

Near-Gandhi Park,vellayil, kozhikode,kerala 673032

## SITE CONNECTIVITY

KSRTC bus stand- 1.8km  
Calicut beach-1.0km  
Mananchira bus stop-1.7km  
Vellayil railway station-850m  
Main calicut railway station-1.5km  
Taxi stand-1.7km

## LANDMARK

SM street- 1.3km  
Calicut beach-1.0km  
Mananchira square-1.1km  
District court kozhikode-800m



Site is located on the town of calicut.  
Easy accessibility and more scope is available in this site.  
**Total sqft-14800 sqft**

## DESIGN BRIEF

SPACES	NO OF PEOPLE	UNIT NO
RECEPTION	1	1
LOBBY	30	6
MANAGERS CABIN	3	1
DISCUSSION AREA	7	1
PRINTING AREA	6	3
CAFE	28	1
CLOSED WORKSPACE	45	2
STEPPED AMPHITHEATRE	15	1
LEARNING SPACE	11	1
PRIVATE OFFICES	45	11
FLEXIBLE WORKSPACE	25	6
CONFERENCE ROOM	52	7
OPEN WORKSPACE	36	6
GAMING CUM DINING	47	1
WORKSHOP AREA	25	1
FLOATING LOUNGE	5	1
ARTIST STUDIO	5	1
WASHROOM GENTS	9	9
WASHROOM LADIES	9	9

### AREA

The coworking will accommodate all the activities within **14800 sqft.**

### TRAFFIC

Users - 90-100  
 Staff: Cleaning : 2  
 Receptionist : 1  
 Manager : 1

## DESIGN BRIEF AND ZONING

The space is divided into three zones, the **private**, **semi private** and **open spaces**.

- PRIVATE AREA
- SEMI PRIVATE AREA
- PUBLIC AREA

### ZONING



The space between privacy and possibility.

- Semi open, open and closed spaces are well connected visually and physically to ensure the use of these spaces.
- Spaces are designed in levels, visual connection between the spaces and physical connection through the stairs and elevators.
- Atrium has plenty of daylight admitted through large area of the above skylight.
- Balcony, walkway are with glass handrails surrounds the space at upper floor levels. Resulting strong visibility between spaces in atria and upper floors.

# GROUND FLOOR PLAN

## Spaces and their dimensions

RECEPTION		PRIVATE OFFICES	420x450
LOBBY			420x330
MANAGERS CABIN	250x407	FLEXIBLE WORKSPACE	400x450
DISCUSSION AREA	488x378	CONFERENCE ROOM	420x450
PRINTING AREA			487x382
CAFE	1200x470		600x335
CLOSED WORKSPACE	1090x1650	OPEN WORKSPACE	
STEPPED AMPHITHEATRE		GAMING CUM DINING	1090x1650
LEARNING SPACE	1045x307	WORKSHOP AREA	1200x470
		FLOATING LOUNGE	250x407
		ARTIST STUDIO	300x690
		WASHROOM GENTS	443x338
		WASHROOM LADIES	443x338

GROUND FLOOR TOTAL SQFT : 5300SQFT

# FIRST FLOOR PLAN

## Spaces and their dimensions

RECEPTION		PRIVATE OFFICES	420x450
LOBBY			420x330
MANAGERS CABIN	250x407	FLEXIBLE WORKSPACE	400x450
DISCUSSION AREA	488x378	CONFERENCE ROOM	420x450
PRINTING AREA			487x382
CAFE	1200x470		600x335
CLOSED WORKSPACE	1090x1650	OPEN WORKSPACE	
STEPPED AMPHITHEATRE		GAMING CUM DINING	1090x1650
LEARNING SPACE	1045x307	WORKSHOP AREA	1200x470
		FLOATING LOUNGE	250x407
		ARTIST STUDIO	300x690
		WASHROOM GENTS	443x338
		WASHROOM LADIES	443x338

**FIRST FLOOR TOTAL SQFT : 4750 SQFT**

# SECOND FLOOR PLAN

## Spaces and their dimensions

RECEPTION		PRIVATE OFFICES	420x450
LOBBY			420x330
MANAGERS CABIN	250x407	FLEXIBLE WORKSPACE	400x450
DISCUSSION AREA	488x378	CONFERENCE ROOM	420x450
PRINTING AREA			487x382
CAFE	1200x470		600x335
CLOSED WORKSPACE	1090x1650	OPEN WORKSPACE	
STEPPED AMPHITHEATRE		GAMING CUM DINING	1090x1650
LEARNING SPACE	1045x307	WORKSHOP AREA	1200x470
		FLOATING LOUNGE	250x407
		ARTIST STUDIO	300x690
		WASHROOM GENTS	443x338
		WASHROOM LADIES	443x338

**SECOND FLOOR TOTAL SQFT : 4750 SQFT**

### WOODEN FLOORING

Thickness 5-10 mm  
Size/Dimension - 60\*120 In cm  
Surface Finish- Matte  
Usage/Application-Indoor  
Type- Digital Printing  
Tile finish- Rustic

### CONCRETE FLOORING

Material C-ement  
Surface Finish-Matt  
Usage/Application- indoor  
Color:-ray  
Shape-Square

### ARTIFICIAL GRASS LAWN

Thickness: 50 mm  
Grass Type: Green and Natural  
Material: PP  
Shape: Straight  
Color: Green  
Is It Washable: Washable



### WOODEN FLOORING

FLOATING LOUNGE  
PRIVATE CUBICLES  
CONFERENCE ROOM  
FLEXIBLE WORKSPACES  
LEARNING SPACE  
SEATING-AMPHITHEATRE  
ARTIST STUDIO  
WORKSHOP AREA  
PHONE BOOTHS  
STAIRS  
ATRIUM

### CONCRETE FLOORING

RECEPTION  
LOBBY  
PASSAGE  
DISCUSSION AREAS  
OPEN WORKSPACES  
CLOSED WORKSPACES  
GAMING CUM DINING  
CAFETERIA  
PRINTING AREA

### ARTIFICIAL GRASS LAWN

CORRIDOR- CLOSED WORKSPACE  
AND GAMING CUM DINING  
SPACE

TOTAL SQFT=  
14800 SQFT

## FLOORING PLAN DETAILS



### Hanging LED profile light

Imperial 48 WATT 4 FEET Black Body  
 Hanging LED Profile Light (Natural White  
 4000K, Black Body -  
 Brand- Generic  
 Colour-Black  
 Material- Acrylic  
 Power and Plug Description Corded Electric  
 Light Source TypeLED  
 Finish Type- Powder Coated,Satin Finish



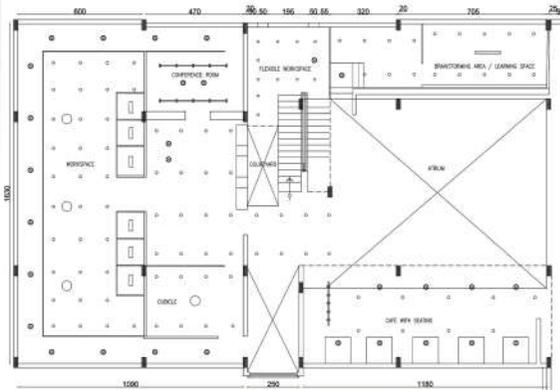
### Track light

Brand- JACKAL  
 Colour- white ,9 Watts  
 Material- Metal  
 Style-Modern  
 Light fixture form Track Light Head  
 Room TypeMall, Bedroom, Living Room,  
 Showroom, Dining Room  
 Product Dimensions- 1 2 L x 7 W x 4 H  
 Centimeters

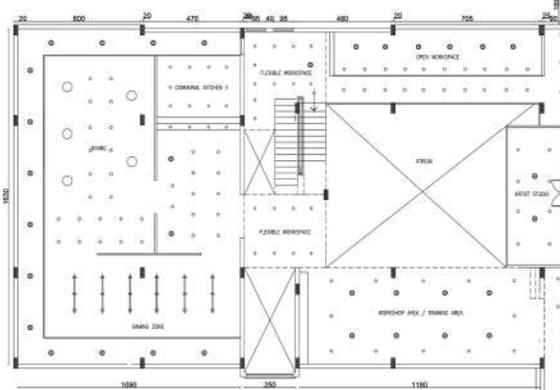


### LLED circular ring pendant light

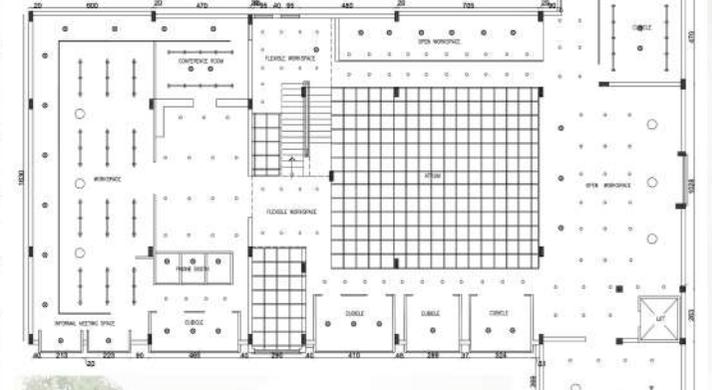
4000K Natural white ,950 mm sized  
 Wattage-24w LED  
 Brand- LEDMyplace.com  
 Color- Matte Black  
 Material- Metal  
 Style -Modern  
 Light fixture form- Pendant



### GROUND FLOOR CEILING



### FIRST FLOOR CEILING



### SECOND FLOOR CEILING

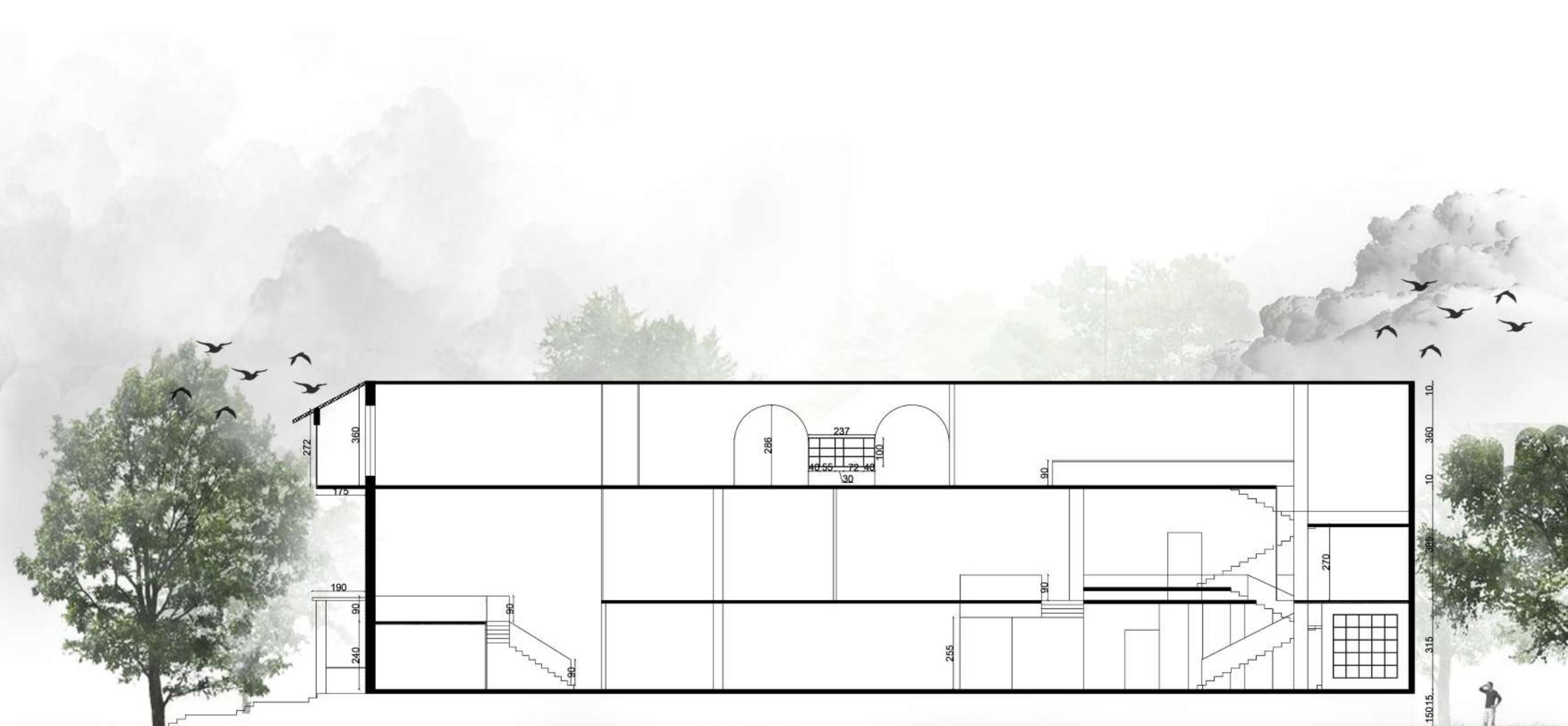
### PSL LED round COB cylindrical spotlight



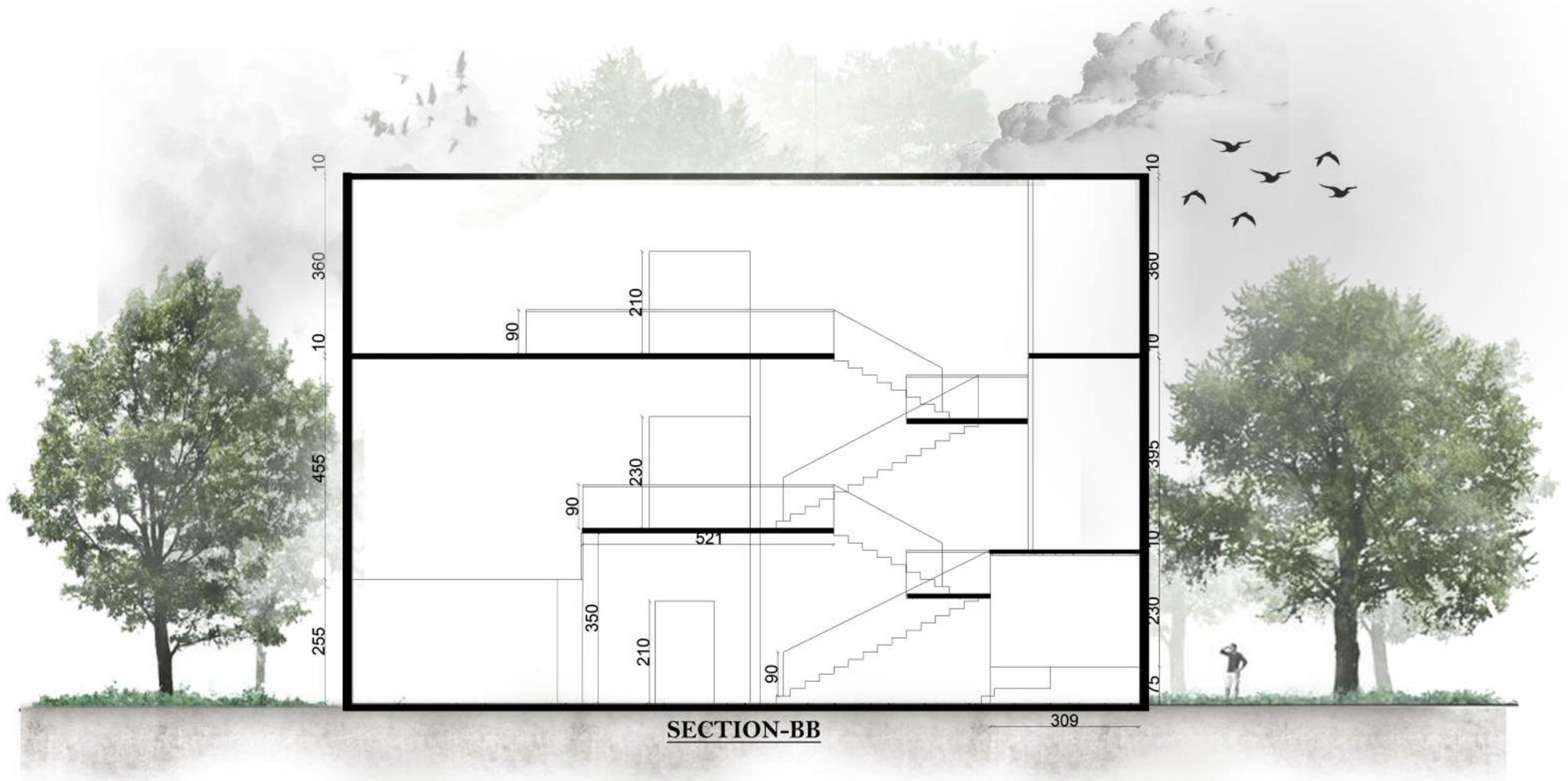
Wattage: 12.0  
 Color Name: Black Gold,  
 3000k Warm White

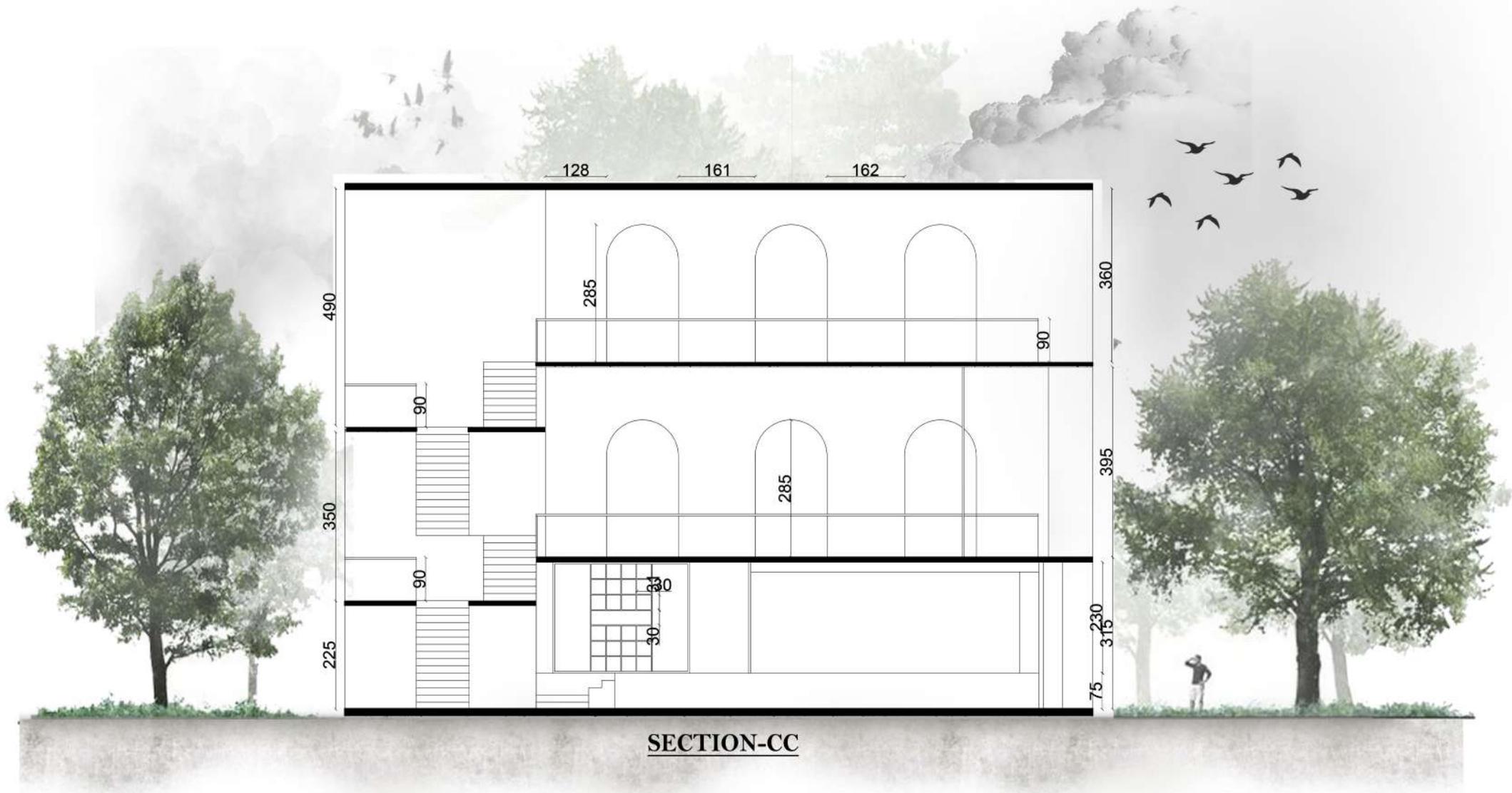
⊗ Hanging light

## CEILING PLAN DETAILS

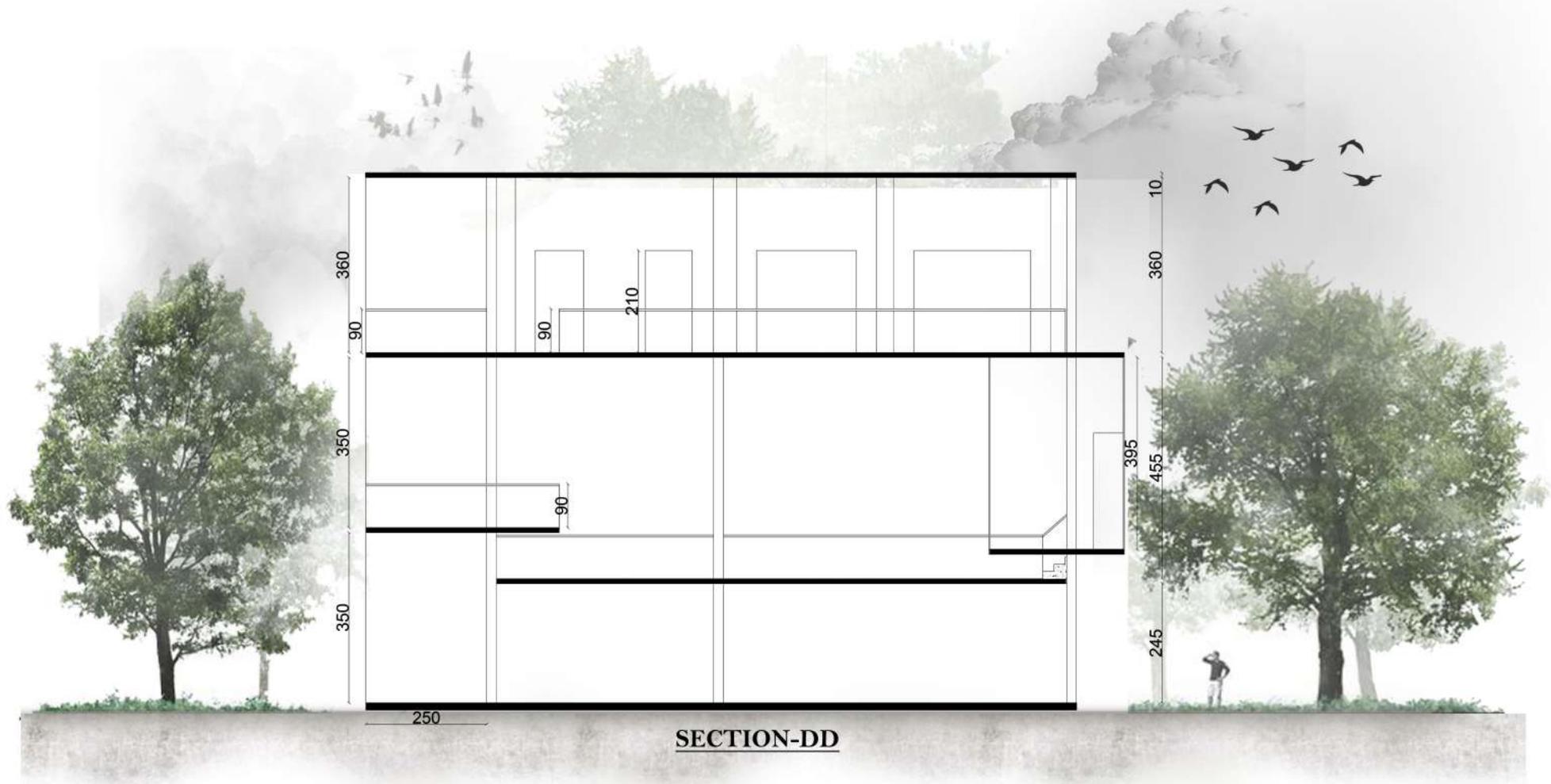


SECTION-AA





**SECTION-CC**





**AMPHITHEATRE SECTION**



**CAFE SECTION**



**LOBBY SECTION**

## INTERIOR VIEWS

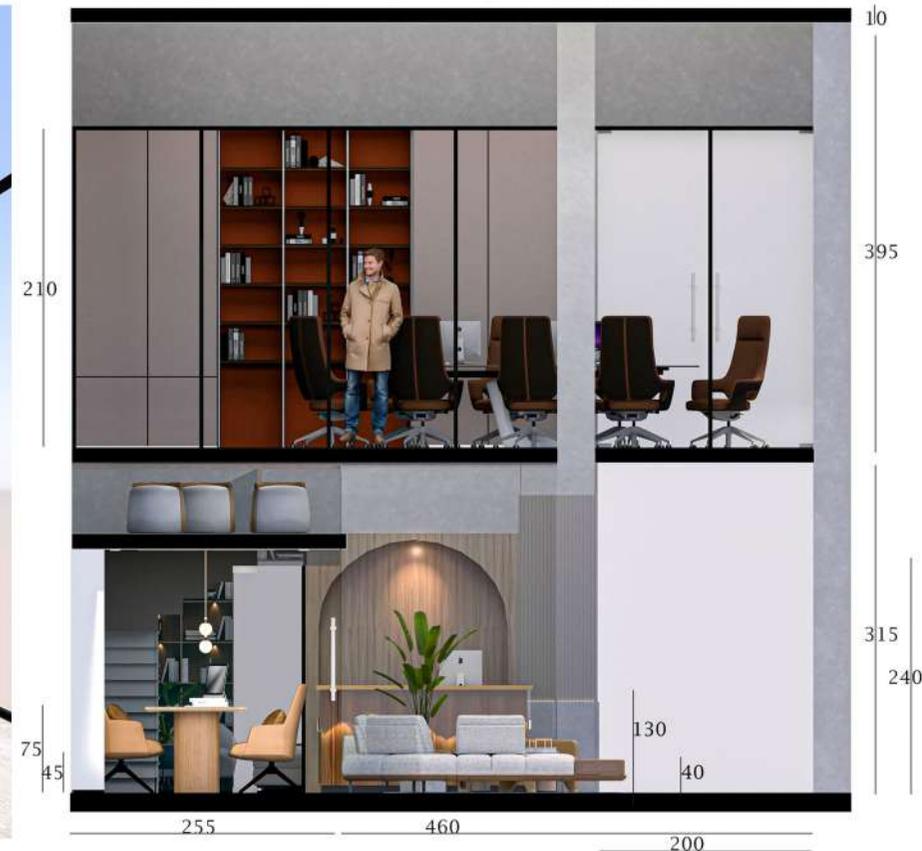
The reception , lobbyspace is designed in a **double height** with full of **concrete setting** material. The one side of the wall is made up with full height glass,which bring maximum natural light to the interior during the day. Lobby is designed with customised L shaped sofa , plywood sofa and coffee table is laminated with **wooden laminate finish**.

Back side of the lobby area is Managers cabin with glass territory. Floating wall is situated above the managers cabin which brings the **visual connectivity** to the whole space.

Storage,wall panelling , column design are made with **plywood with laminate finish**.



LOBBY SPACE



SECTION



**WORKSPACE**



**DISCUSSION AREA**



**LOBBY WITHIN WORKSPACE**



**LEARNING SPACE**



**SECTION**

The space itself divided into **two zones**, the storage area with whiteboard and seating on the right side

- Flooring-** Wooden tiles
- Storage and Partitions-** Plywood with laminates
- Wall panel-** plywood with beige color plane laminates and marble sheets on bottom.
- Ceiling-** concrete ceiling
- Lights-** industrial light lit up the space, LED spot lights.



**CUBICLE 1**



**CUBICLE 2**



SHELF - Plywood with wooden laminate finish  
 PARTITION- Wooden frame  
 Decorative metal industrial light lits up the whole space along with ceiling lights.

CUBICLE 1 - Table top maerial- Acrylic white.  
 CUBICLE 2 - Wooden table



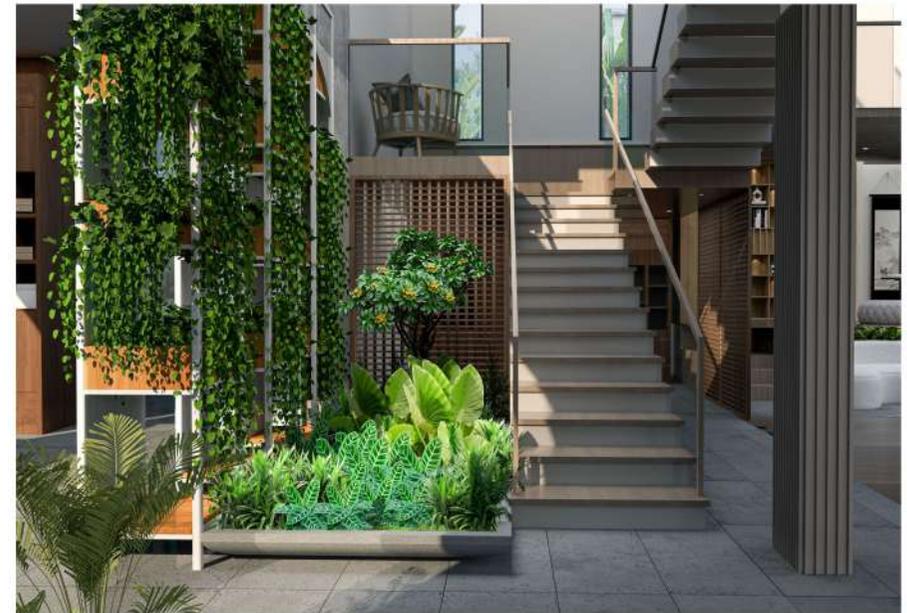
**CAFE**



**COURTYARD SEATING**



**CAFE**



**CENTRAL COURTYARD**



## **REFERENCES**

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TIME - SAVERS STANDARD FOR ARCHITECTURAL DESIGN DATA

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**THANK YOU**