

ARCHIVED BOOK CAFÉ

CAPSTONE PROJECT

Submitted in partial fulfillment of the requirements for the award of
Bachelor of Design – Interior Design degree

By

**AMALAJASMIN S
(40102001)**



**DEPARTMENT OF ARCHITECTURE
SCHOOL OF BUILDING AND ENVIRONMENT**

SATHYABAMA

**INSTITUTE OF SCIENCE AND TECHNOLOGY
(DEEMED TO BE UNIVERSITY)**

Accredited with Grade “A++” by NAAC
JEPPIAAR NAGAR, RAJIV GANDHI SALAI,
CHENNAI - 600 119

MAY – 2024

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Jeppiaar Nagar, Rajiv Gandhi Salai,

Chennai - 600 119

www.sathyabama.ac.in

DEPARTMENT OF ARCHITECTURE

BONAFIDE CERTIFICATE

This is to certify that this Project Report is the bonafide work of AMALAJASMIN S (40102001)
who carried out the project entitled "Archived book cafe" under our supervision from
January 2024 to May 2024


Internal Guide

Ar. DEEPALAKSHMI



External Guide

Ar. KARTHICK NACHIAPPAN

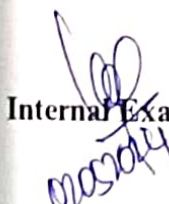


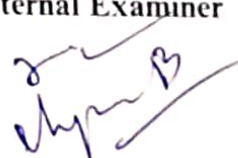
Dean and

Head of the Department

Dr. DEVYANI GANGOPADHYAY

Submitted for Viva voce Examination held on 02.05.2024


Internal Examiner


External Examiner

DECLARATION

I, **Amalajasmin S** hereby declare that the Project Report entitled “**Archived Book Cafe**” done by me under the guidance of **Ar.Deepalakshmi** (Internal Guide) **Ar. Sarath. C. Kanth** (Internal Review member) and **Ar. Karthick Nachiappan** (External Guide) at Sathyabama Institute of Science and Technology is submitted in partial fulfillment of the requirements for the award of Bachelor of Design – Interior design degree.

DATE:

PLACE: Chennai

SIGNATURE OF THE CANDIDATE

ACKNOWLEDGEMENT

I am pleased to acknowledge my sincere thanks to Board of Management of Sathyabama for their kind encouragement in doing this project and for completing it successfully. I am grateful to them.

I convey my thanks to **Dr. Devyani Gangopadhyay**, Dean and Head of the Department of School of Building and Environment, Department of Architecture and Ar. Sarath. C. Kanth, Design Chair, Department of Architecture, for providing me necessary support and details at the right time during the progressive reviews.

I would like to express my sincere and deep sense of gratitude to my Project Internal Guide **Ar.Deepalakshmi**, **Ar.Karthick Nachiappan** (External Guide) and Capstone Project Coordinator, **Ar.Deepalakshmi** for their guidance, suggestions, and constant encouragement which paved the way for the successful completion of my project work.

I wish to express my thanks to all Teaching and Non-teaching staff members of the **Department of Architecture** who were helpful in many ways for the completion of the project.

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NOTE:

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ABSTRACT

"Archived Book Cafe" embodies a harmonious blend of sustainability, intergenerational connection, and innovative design. This visionary project reimagines the traditional concept of a cafe by infusing it with the timeless allure of second-hand books and the transformative potential of recycled and upcycled plastic materials. Rooted in the ethos of the circular economy, the cafe not only breathes new life into old books but also nurtures a deeper understanding of sustainable practices among the younger generation.

At the heart of "Archived Book Cafe" lies its commitment to repurposing and revitalizing forgotten literature. Every corner invites exploration, with shelves filled with literary treasures waiting to be discovered. This celebration of literary heritage not only honors the past but also sparks curiosity and imagination in the present. In addition to its focus on second-hand books, the cafe embraces the principles of upcycling and recycling by incorporating reclaimed plastic materials into its design aesthetic. From seating arrangements to whimsical decor accents, every element of the interior reflects the cafe's dedication to sustainability and innovation. Through this holistic approach to design, the cafe seeks to introduce the younger generation to the concept of the circular economy, encouraging them to reimagine waste as a valuable resource.

A distinctive feature of "Archived Book Cafe" is its neotenic interior style, characterized by playful and youthful elements that evoke a sense of nostalgia and wonder. Soft curves, bright colors, and whimsical details create an inviting atmosphere that appeals to visitors of all ages. This neotenic design approach not only reinforces the cafe's commitment to fostering creativity and exploration but also reinforces its role as a welcoming space for intergenerational connection and learning.

In essence, "Archived Book Cafe" transcends the boundaries of a traditional cafe, emerging as a beacon of sustainability, creativity, and community engagement. Through its innovative use of second-hand books, recycled materials, and neotenic design elements, the cafe invites patrons to embark on a journey of discovery, connection, and environmental stewardship. As a hub for dialogue, inspiration, and shared experiences, "Archived Book Cafe" embodies the transformative power of sustainable design in shaping a brighter, more interconnected future for all.

INTRODUCTION

1.1 AIM

To create a space that not only offers a unique and enjoyable experience for customers but also contributes to environmental stewardship and community engagement by Utilizing recycled plastic in the cafe's design and decor can showcase creative ways to repurpose materials and inspire others to think innovatively about waste reduction.

1.2 OBJECTIVE

Book cafes often serve as community hubs where people can gather, socialize, and connect over their shared love of books and literature. The objective is to create a welcoming environment where customers feel comfortable spending time alone or with friends.

1.3 SCOPE

Creating a welcoming and comfortable atmosphere is crucial to the success of a book cafe. The scope includes designing the space to be cozy, well-lit, and conducive to reading and relaxation. This may involve choosing comfortable seating, arranging book displays, and incorporating elements of decor that reflect the cafe's aesthetic and theme.

1.4 METHODOLOGY

- Work with an architect or interior designer to create a layout that maximizes the use of space while providing a comfortable and inviting atmosphere.
- Incorporate sustainable design elements, such as reclaimed wood furniture, energy-efficient lighting, and greenery to enhance the aesthetic appeal of the cafe.

1.5 ARTICLES

- <https://www.trendhunter.com/slideshow/bookstore-concept>
- <https://www.brandedgirls.com/bookstore-cafe-decorating-ideas/>
- <https://store.bookblabber.co.in/blogs/decor-ideas/bookish-cafe-design>
- <https://pos.toasttab.com/blog/on-the-line/cafe-floor-plans>

UNDERSTANDING A BOOK CAFE

2.1 NORMS

When designing the interiors of a book cafe, there are several norms, guidelines, and best practices to consider to create a welcoming, functional, and aesthetically pleasing space. Here are some key norms to follow:

1.Fire Safety Regulations: Ensure compliance with fire safety regulations by providing clear pathways for egress, installing fire extinguishers and smoke detectors, and adhering to occupancy limits and building codes related to fire safety.

2.Accessibility Standards: Design the interiors of your book cafe to be accessible to all patrons, including those with disabilities. This may involve providing wheelchair ramps, accessible seating, and restroom facilities that meet ADA (Americans with Disabilities Act) standards.

3.Health and Safety Guidelines: Adhere to health and safety guidelines by maintaining cleanliness and sanitation throughout the cafe, using non-toxic and food-safe materials, and implementing proper ventilation and air quality control measures.

4.Space Planning and Layout: Optimize space utilization and circulation flow by carefully planning the layout of furniture, shelving units, and reading areas. Ensure that there is ample space for patrons to move around comfortably and access books and other amenities without obstruction.

5.Comfortable Seating: Select furniture that is comfortable and ergonomic, with options for different seating preferences and needs. Provide a mix of seating options, including lounge chairs, sofas, cafe tables, and communal seating areas, to accommodate individual readers and groups.

6.Adequate Lighting: Ensure proper lighting throughout the cafe to enhance the reading experience and create a cozy atmosphere. Incorporate natural light where possible, supplemented by ambient lighting, task lighting for reading areas, and accent lighting to highlight book displays and artwork.

7.Noise Control: Design the interiors to minimize noise and create a quiet and conducive environment for reading and relaxation. Use acoustic materials and sound-absorbing surfaces to reduce echoes and ambient noise levels, and consider designating quiet zones or secluded reading areas for patrons seeking solitude.

8.Aesthetic Appeal: Create a visually appealing and cohesive design scheme that reflects the theme, ambiance, and brand identity of the cafe. Incorporate elements of decor, color schemes, and artwork that evoke a sense of warmth, comfort, and literary charm.

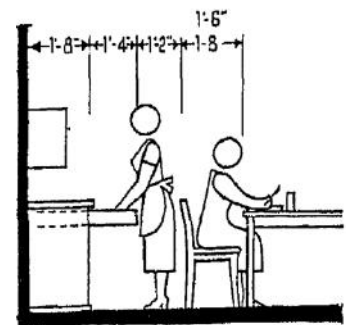
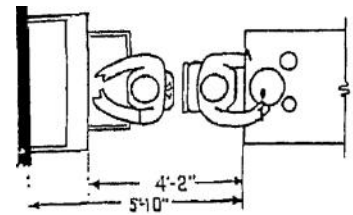
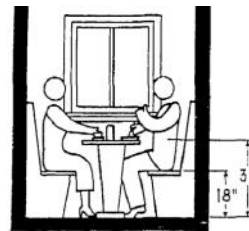
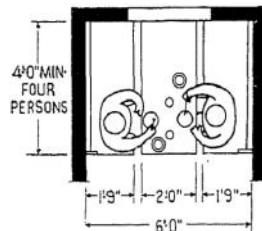
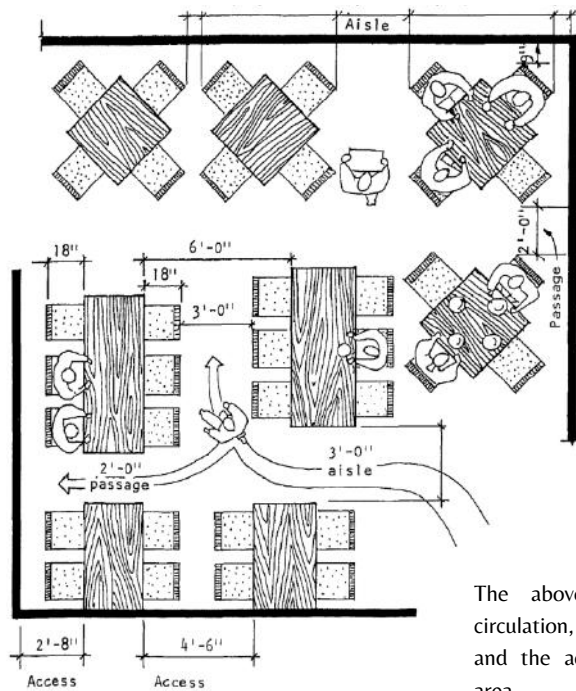
9.Sustainable Materials: Whenever possible, use eco-friendly and sustainable materials in the interior design of your cafe, such as reclaimed wood, recycled plastic, low-VOC paints, and organic textiles. Consider the environmental impact of materials and furnishings, and prioritize options that promote sustainability and reduce waste.

10.Flexibility and Adaptability: Design the interiors of your book cafe to be flexible and adaptable to accommodate different events, activities, and seasonal changes. Use modular furniture, movable partitions, and versatile layouts that can be easily reconfigured to meet evolving needs and preferences.

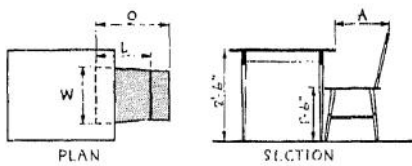
By following these norms and guidelines, you can create an inviting and functional interior design for your book cafe that enhances the reading experience, promotes customer comfort and well-being, and reflects your commitment to quality, safety, and sustainability.

2.2 DATA COLLECTION - STANDARDS AND ANTHROPOLOGY

Types and sizes of table arrangements

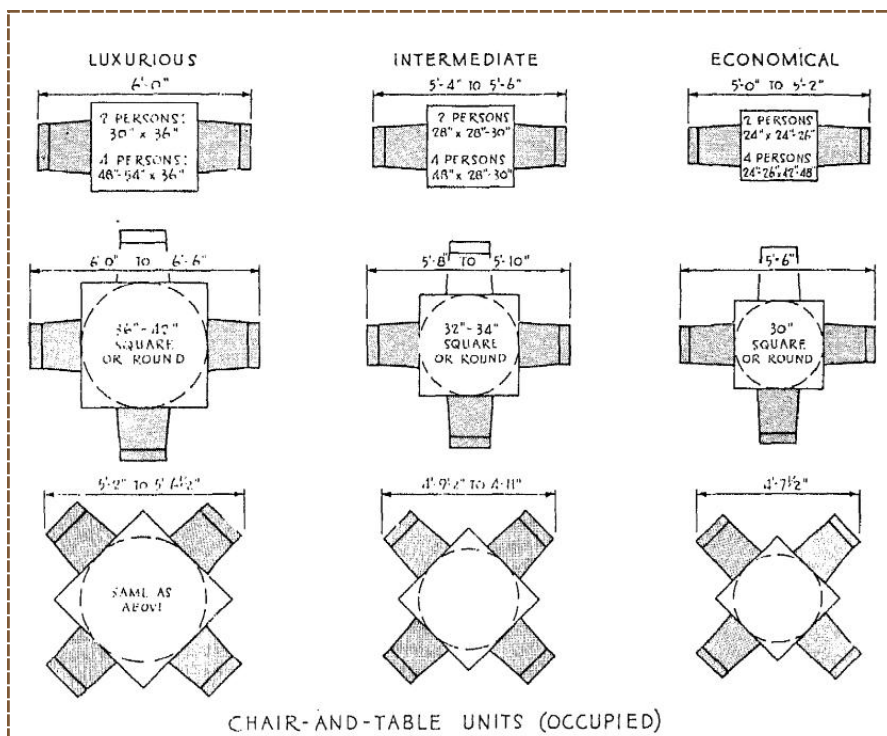
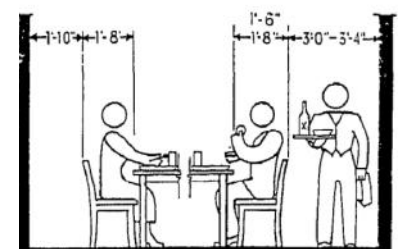
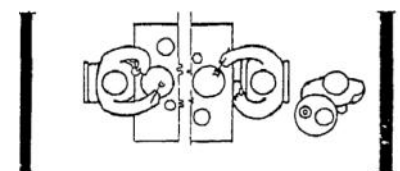
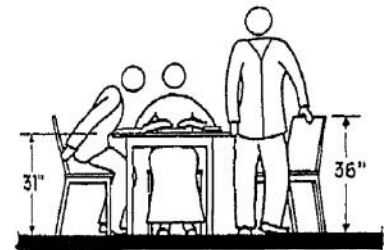
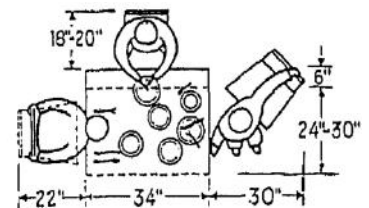


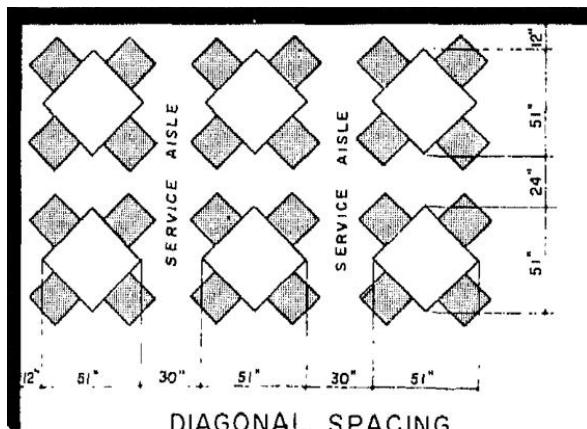
The above diagrams represent the circulation, the aisle space, the passage and the accessible areas in a dining area.



	O	L	W	A
LUXURIOUS	22"	18"	18"-20"	18"
INTERMEDIATE	19"-20"	16"	16"	18"
ECONOMICAL	17"-18"	15"	14"	18"

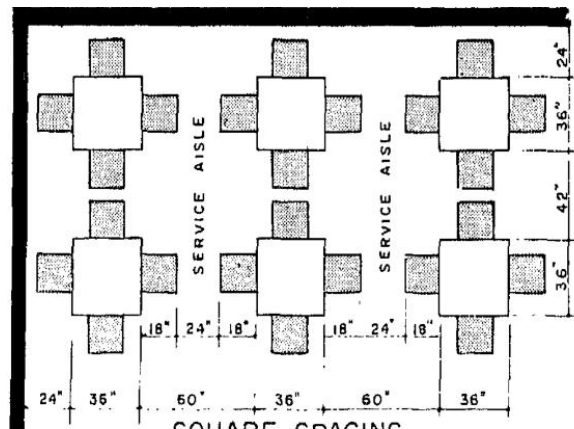
CHAIR DIMENSIONS





DIAGONAL SPACING

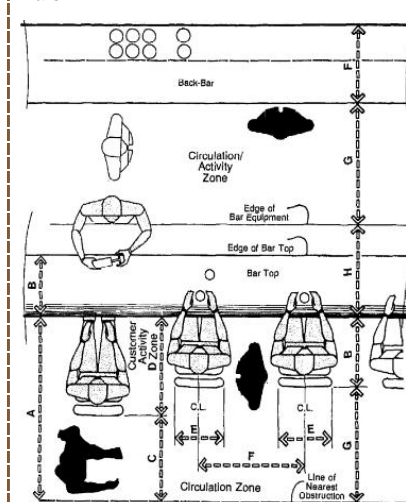
SERVICE AISLES DIAGONAL SEATING
30" MIN BETW. CORNERS OF TABLE TOPS



SQUARE SPACING

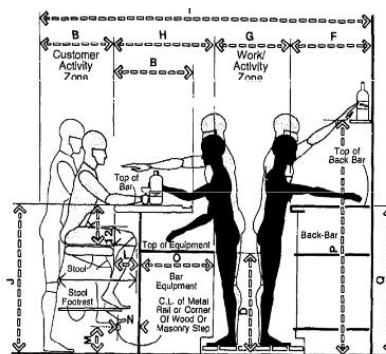
SERVICE AISLES SQUARE SEATING 60" MIN. BETW. TABLE TOPS, 24" AISLE PLUS TWO CHAIRS BACK TO BACK 36" CHAIRS 17" TO 18" FROM FLOOR TO SEAT, 17" PREFERRED FOR WOMEN TABLES 29" TO 30" HIGH

Bars



BAR AND BACK-BAR

A	54	137.2	J	42-45	106.7-114.3
B	18-24	45.7-61.0	K	11-12	27.9-30.5
C	24	61.0	L	6-9	15.2-22.9
D	30	76.2	M	7-9	17.8-22.9
E	16-18	40.6-45.7	N	6-9	15.2-22.9
F	24-30	61.0-76.2	O	22-26	55.9-66.0
G	30-36	76.2-91.4	P	60-69	152.4-175.3
H	28-38	71.1-96.5	Q	38-42	91.4-106.7
I	100-128	254.0-325.1			



BAR / SECTION

Bar/clearances public side

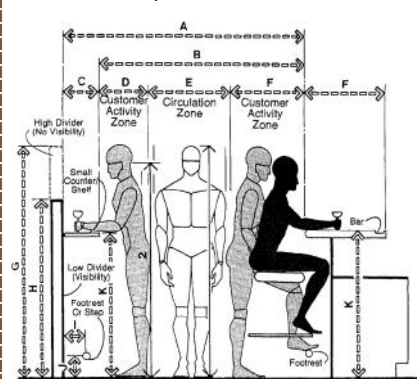


Fig. 2 Bar/clearances public side.

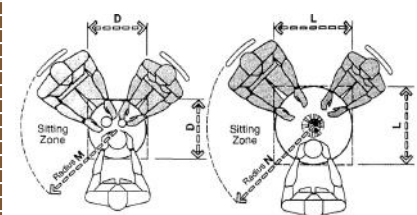
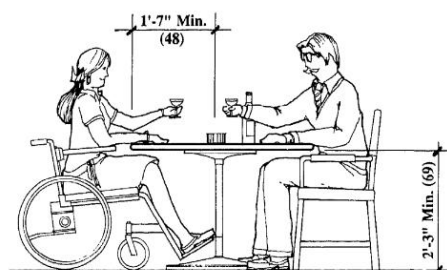
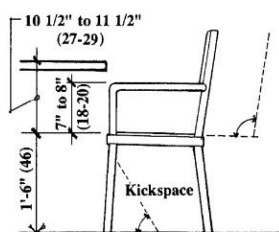
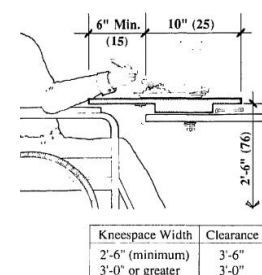


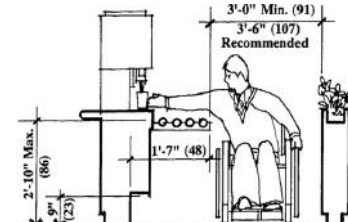
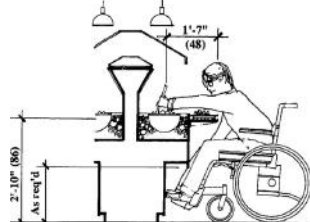
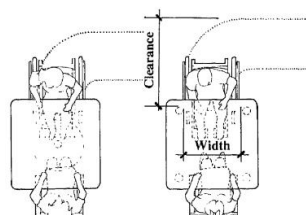
Fig. 3 Cocktail tables/seating for two.



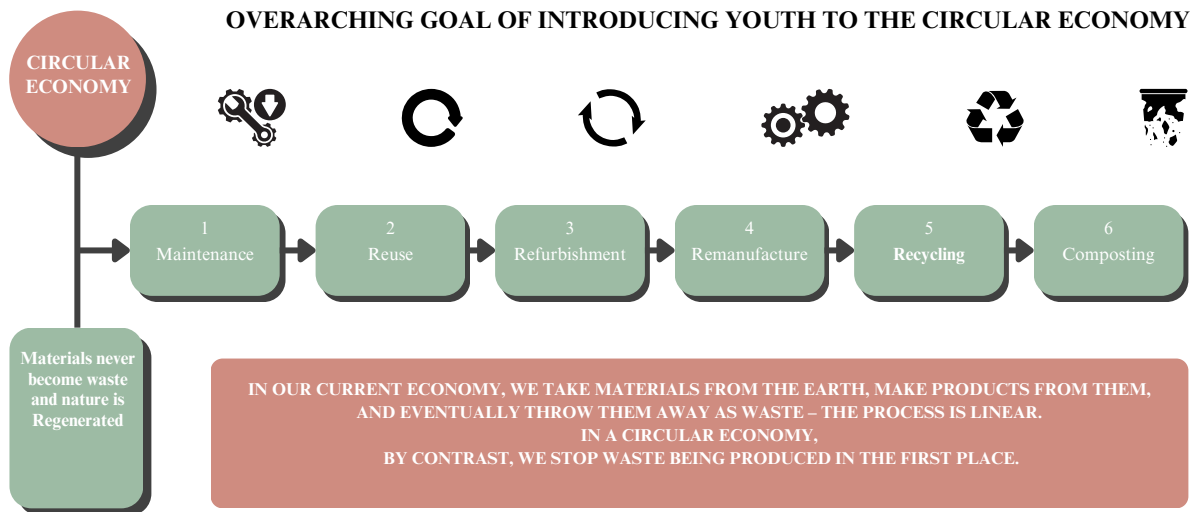
	in	cm		in	cm
A	76-84	193.0-213.4	G	76	193.0
B	66-72	167.6-182.9	H	54-56	137.2-142.2
C	10-12	25.4-30.5	I	6-9	15.2-22.9
D	18	45.7	J	7-9	17.8-22.9
E	30	76.2	K	42-45	106.7-114.3
F	18-24	45.7-61.0	L	24	61.0
			M	20-33	50.8-83.8
			N	52-56	132.0-141.9



Wheelchair accessibility



2.3 SPECIAL STUDY



WHY CIRCULAR ECONOMY AS THRUST AREA ?



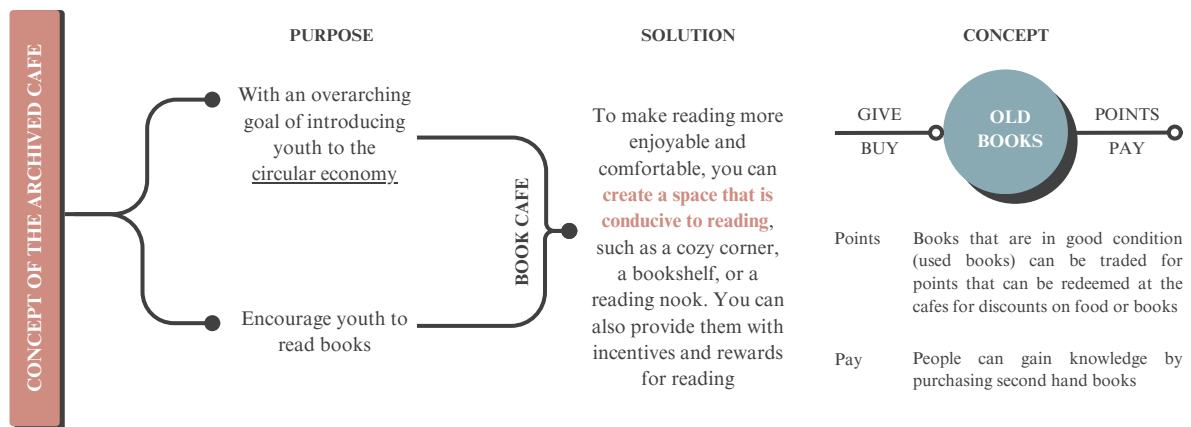
RECYCLED PLASTIC "WILL SOON BE THE ONLY CHOICE"

A new generation of sustainably minded designers is pioneering ways of using recycled plastic as a raw material, as concern over pollution increases.

For decades, "virgin plastic" has been used to produce everything from food packaging to furniture. But, as the environmental impact of this material becomes more apparent, an increasing number of designers are exploring alternatives.

Not only does recycled plastic offer a more sustainable solution, it is a material that is often free to source and can be produced in a wide range of colors, patterns and textures.

SCIENTISTS HAVE WARNED THAT, UNLESS BIG GLOBAL CHANGES ARE INTRODUCED SOON, THE AMOUNT OF PLASTIC WASTE INFILTRATING THE NATURAL LANDSCAPE WILL EXCEED 12 BILLION TONS BY 2050.

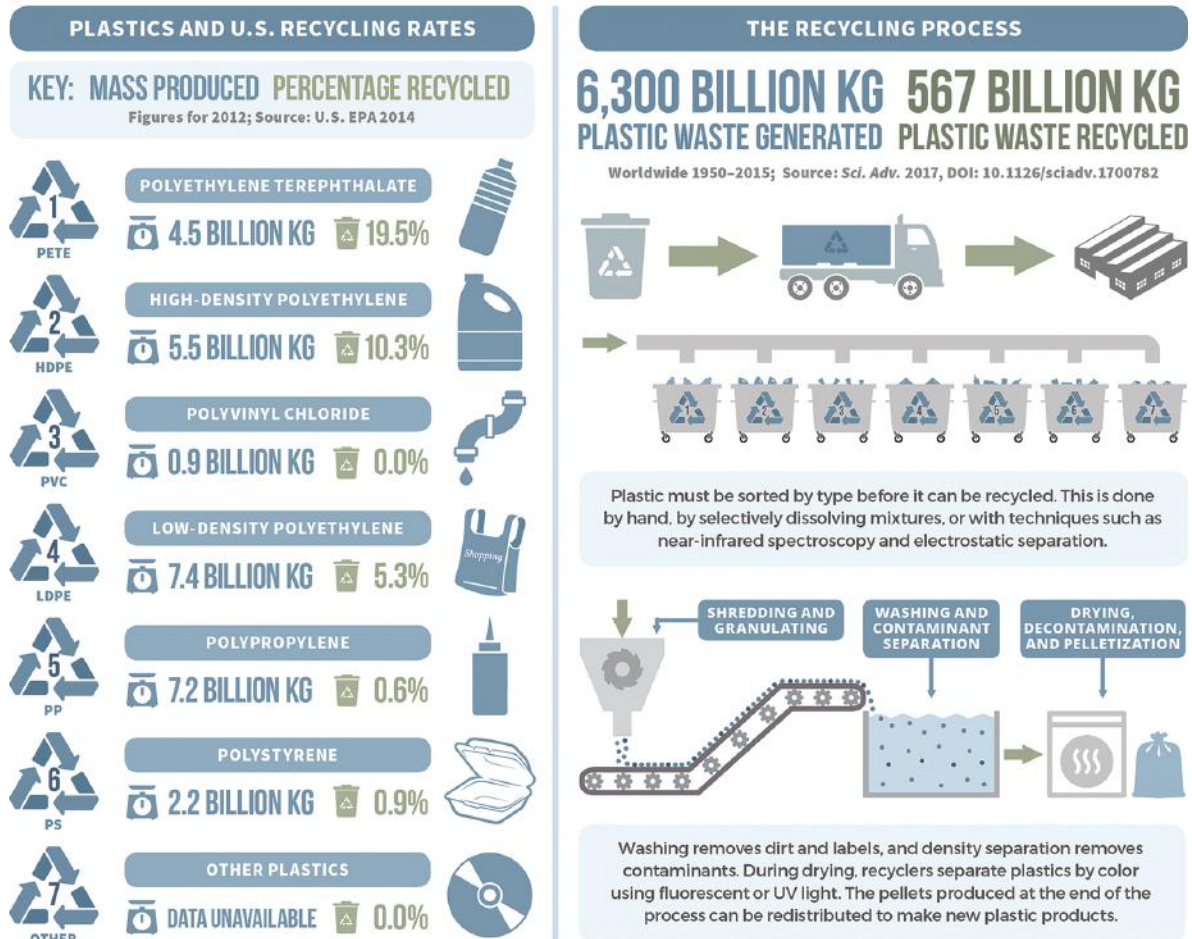


WAYS TO USE WASTE PLASTIC INSTEAD OF THROWING IT AWAY

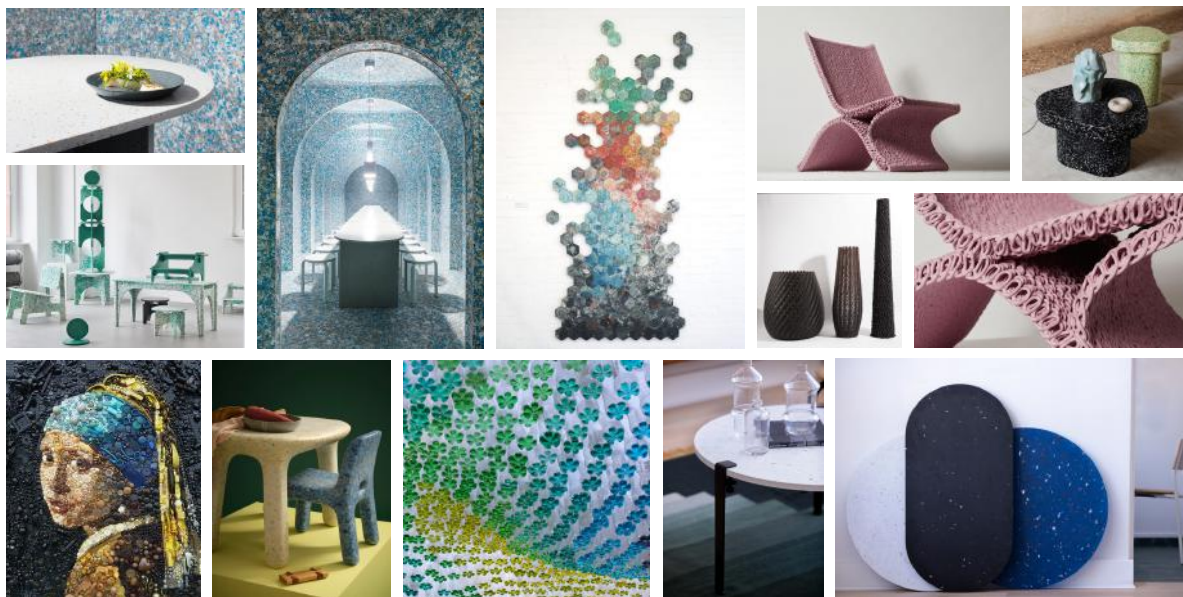


2.4 INFERENCE FROM SPECIAL STUDY

Recycling plastic is a great way to reduce waste and protect the environment. Recycling plastic is one of the easiest and most effective ways to protect the environment and make a positive difference.



APPLICATIONS OF RECYCLED PLASTIC IN INTERIORS



3.1 LITERATURE CASE STUDY

3.1.1 Juanzong Books & Cafe

COFFEE SHOP

Juanzong Books & Cafe

Text description provided by the architects

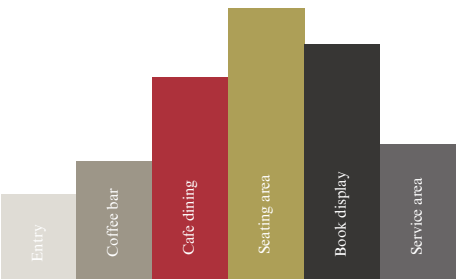
Facing the southwest coast, the Sou Fujimoto Architects crafted an undulating, continuous ring-shaped roof with an irregular, curved surface shell structure made of thin concrete. Invited by Aranya and the operators, Juanzhong Bookstore and Yishan Children's Bookstore, we designed a space for reading and relaxation for the citizens of Haikou under this expansive roof.

ARCHITECT	Case pavilion
AREA	770 m²
YEAR BUILT	2023
PHOTOGRAPH	Runzi Zhu, Aranya, Yun Pai
MANUFACTURER	Gabriel Fabric
LEAD ARCHITECT	Zhenyu Yang, Danjie Yan

LOCATION: Haikou, China



AREA STATEMENT:



STYLE / THEME: Minimalistic Interiors



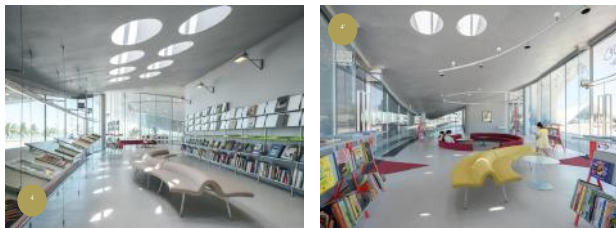
CEILING: Polished concrete ceiling with circular skylights aids in Minimizing the need of artificial lightning

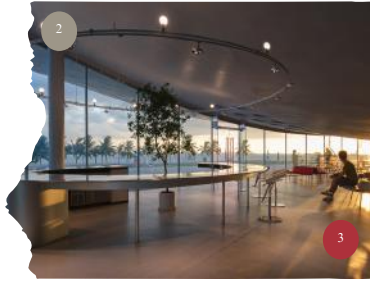


WALL : Most of the walls are made up of full height glass as the architects aimed to cultivate an abstract experience that blurs the boundaries between interior and exterior



FURNITURES: fluid-dynamic forms of seating in cafes not only enhance the aesthetic appeal but also contribute to the functionality and adaptability of the space





LIGHTING

Ample amount of natural lighting is attained through the glass Curtain wall and the skylights

Track lighting system is used for both upward and downward illumination

Inspired by marine life and structural adaptation, the spiral-shaped coffee bar, the fluid-dynamic forms of seating, display panels, and bookshelves, as well as the circular lighting tracks, come together to form smooth and continuous archipelago coral reefs scattered across the seabed, responding to the spatial stretch and curvature

MATERIALS AND ITS TEXTURE



Concrete - The texture of polished concrete is not rough or gritty, but rather has a tactile feel that is similar to that of a smooth stone or tile



Glass - Clear glass is typically smooth and cool to the touch. It has a hard surface that doesn't give way under pressure, unlike materials such as rubber or fabric



Aluminum- Polished aluminum metal appears slightly frosted. The metal has a surface roughness of 0.5 to 1.5 μm . This gives the polished aluminum a smooth and sleek feel to the touch.



Synthetic microfiber Upholstery Fabric - It's a fabric that's soft and smooth against your skin, yet exceptionally water-repellent.

FLOORING: Concrete, as it is easy to maintain and resists stains and damage from impacts. It's also resistant to spills like wine, coffee, and condiments, which can easily be wiped up without leaving behind stubborn stains. It can be polished and sealed for a refined look at a low cost

FLOOR PLAN

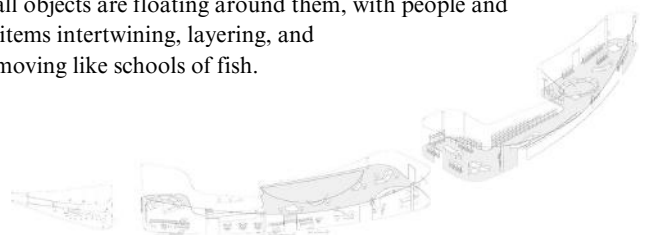
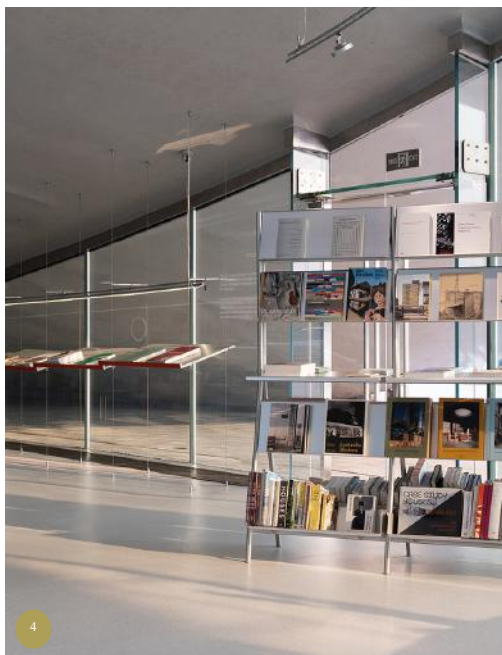
DISPLAY STANDS:

The bookshelves and display panels are offered at different heights to accommodate both adults and children and to adapt to suit the varying indoor ceiling heights

AXONOMETRIC VIEW:

Aimed to cultivate an abstract experience that blurs the boundaries between interior and exterior, even the sense of time, with heterogeneity and a slight sense of conflict not commonly found in daily commercial settings. This is intended to shock and integrate the waterscape and rosy hues of Haikou Bay, the municipal gardens, the flow of tourists, and the selection of imported books, both beyond and within the glass curtain walls.

Despite the physical and spiritual weight of books, we still expect visitors to enter this space feeling as if all objects are floating around them, with people and items intertwining, layering, and moving like schools of fish.



https://www.archdaily.com/1010554/juanzong-books-and-cafe-case-pavilion?ad_medium=gallery

3.1.2 Cafe 8323. Space Layers

COFFEE, CONVERSION

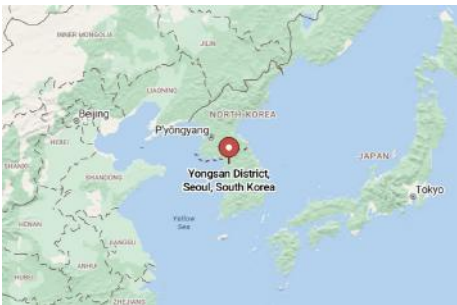
Cafe 8323. Space Layers / sukhulmok Bakery and Café

Text description provided by the architects

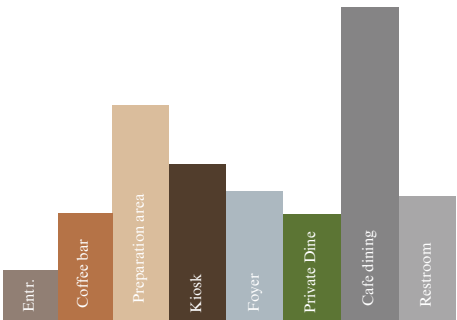
The Sukhulmok office redefines the language of shapes, adding a modern touch to an old building built in 1983. Located in Yongsan-gu, Seoul, the project space is an ordinary house from the 1980s, with a brick façade that is almost unused today. Traces of extensions and repairs can be seen throughout, suggesting that time has passed according to purpose and user.

ARCHITECT	Sukhulmok
AREA	239 m²
YEAR BUILT	2023
PHOTOGRAPH	Hong Seokgyu
LEAD ARCHITECT	Park Hyunhee

LOCATION: Yongsan-Gu, South Korea



AREA STATEMENT:



STYLE / THEME: Modern Rustic Interiors



GROUND FLOOR CEILING:

White ceiling with exposed concrete beams. White colored ceiling hides imperfections Brightens the room Makes the room appear taller Gives a nice contrast against (or complements) all colors Non-reflective finish reduces glares from artificial light

FIRST FLOOR CEILING:

Wooden ceilings add a warm, rustic charm to any room. They can transform a plain, flat ceiling into a beautiful focal point



WALL :



Bricks filled in at different times on the second floor are exposed to slightly different brick patterns for each production period, giving the impression of feeling the passage of time.

The existing concrete structure was exposed creating a feel as sophisticated as possible. This is intended to induce proper harmony and avoid a chaotic environment.

White walls can make a space look larger. This is because white reflects light more effectively than other colors, creating a sense of openness and airiness in a room.



FURNITURES:

Wooden furniture is often associated with a more traditional, classic aesthetic, while metal furniture tends to have a more modern, industrial look



LIGHTING

NATURAL LIGHTING: Natural lighting is attained through the glass facade and windows

ARTIFICIAL LIGHTING: **Strip lighting** system between steel pipes is used for both upward and downward illumination



COFFEE BAR: The Coffee bar is a combination of concrete and Red wood. Redwood is durable, moderately moisture-resistant, and highly decay-resistant. It is also easy to work with all types of tools.



FLOORING: Concrete, as it is easy to maintain and resists stains and damage from impact

MATERIALS AND ITS TEXTURE



Concrete - The texture of polished concrete is not rough or gritty, but rather has a tactile feel that is similar to that of a smooth stone or tile



Glass - Clear glass is typically smooth and cool to the touch. It has a hard surface that doesn't give way under pressure, unlike materials such as rubber or fabric



Steel - Shiny steel typically has a smooth, sleek texture. It's often cool to the touch and can have a slightly slippery feel due to its polished surface.



Red wood - Redwood showcases straight grain, though you may also find irregularities and wavy grain in it. Very soft, it has the distinction of being the strongest softwood on Earth.

FLOOR PLAN:



FIRST FLOOR

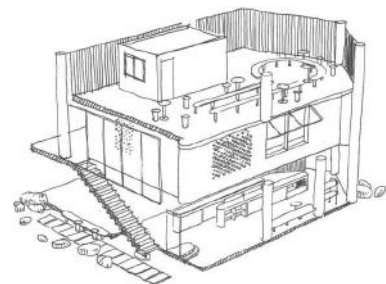


GROUND FLOOR



AXONOMETRIC VIEW:

https://www.archdaily.com/1010774/cafe-8323-capas-espaciales-sukchulmok-bakery-and-cafe?ad_medium=gallery



2018.09.01 - 11:00 AM

1/10 of space is in the shop

3.1.3 Longshang Books Cafe

LIBRARY, STORE

Longshang Books Cafe / atelier mearc

Text description provided by the architects

Regarding to the space shape and its content, it could be the most straightforward 'bookstore' that is so familiar with people. This point later is used as design method of the new bookstore, Longshang Books Café. After investigating on 'in what shape would the bookshelf be', we found that a straight, parallel arrangement of bookshelf provides most route options possible.

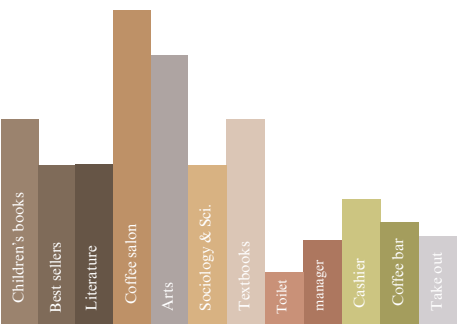
ARCHITECT	Atelier mearc
AREA	188 m ²
YEAR BUILT	2017
PHOTOGRAPH	Shan Liang
LEAD ARCHITECT	Wei Zhou

atelier mearc
longshang books cafe
shanghai, china

LOCATION: Xuhui, China



AREA STATEMENT:



STYLE / THEME: Scandinavian Interiors



CEILING:

White colored ceiling hides imperfections Brightens the room Makes the room appear taller. Non-reflective finish reduces glares from artificial light

Arched ceilings are perfect for hallways because they give off the feel of walking through a tunnel. They can be used for various purposes such as acoustic conditioning, thermal insulation, and concealing structural elements.



WALL :

Suspended white fabric trackable room divider as partition walls are a quick, inexpensive, decorative, and impermanent wall that typically provides visual screening between rooms or divides a large room into smaller areas. They can be used to create a sense of privacy, separate different areas of a room, or simply add a decorative element to a space.

White walls can be used as a blank canvas to showcase artwork. They can help reflect light inside the room, giving the place a brighter experience. They can create a sense of calm and relaxation in a space.



FURNITURES:

Foldable lightweight chairs and tables are great for small spaces. They can be easily stored away when not in use, freeing up valuable floor space.



LIGHTING

NATURAL LIGHTING:

Natural lighting is attained through the fixed glass in the facade and the windows

ARTIFICIAL LIGHTING:

Strips as indirect lighting above bookshelves, diffused lights between arches & adjustable recessed light are used to lit the space



COFFEE BAR:

The live Coffee bar has ample amount of natural lighting through the large windows. The same theme is repeated throughout the bar such that everything has a white finish.



FLOORING: Grey textured Vitrified tiles

MATERIALS AND ITS TEXTURE



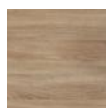
Grey textured Vitrified tiles - The texture on the surface of these tiles provides a non-slip grip, making them ideal for use in areas that are exposed to moisture or frost



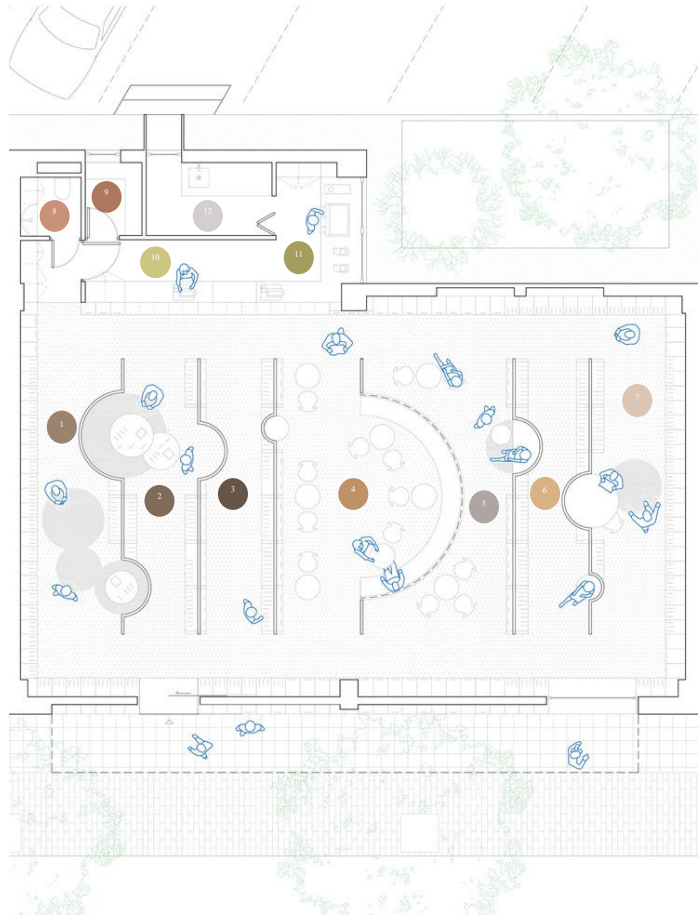
Glass - Clear glass is typically smooth and cool to the touch. It has a hard surface that doesn't give way under pressure, unlike materials such as rubber or fabric



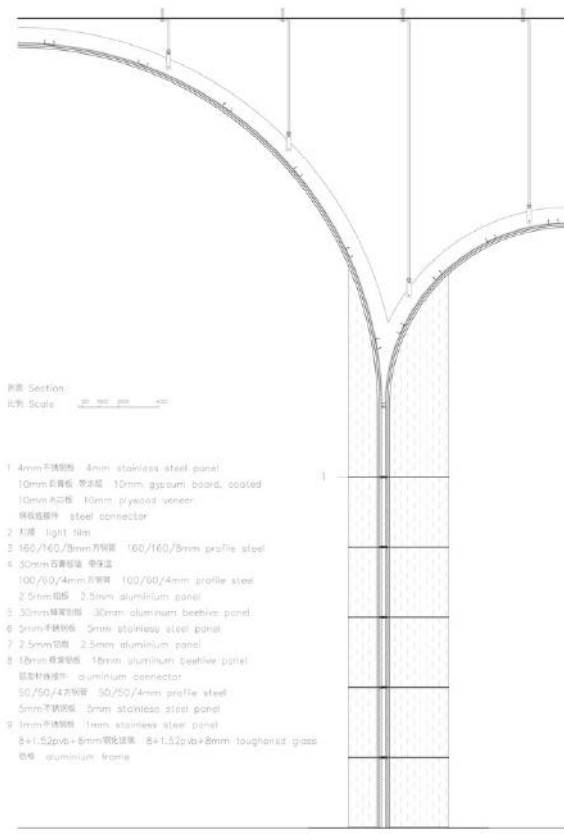
Steel - Shiny steel typically has a smooth, sleek texture. It's often cool to the touch and can have a slightly slippery feel due to its polished surface.



Wood - The texture of wood depends on the type of wood. Typically, one would feel pleasant and natural



DETAILED SECTION:



3.2 NATIONAL CASE STUDY

3.2.1 The Fluted Emerald Elgin Cafe

CAFE, RESTAURANT & BAR The Fluted Emerald Elgin Cafe

Text description provided by the architects

The Elgin Cafe restaurant and bar is a culmination of a day bistro with a hip bar vibe by night. Leaning on our maximalist side, we created a clean, soft space with an inviting color palette. The idea was to create an atmosphere and feel of the outdoors, where you would find yourself surrounded by greenery, natural wood, food spots, and conversations. We sought to engage in a design that would create an international hospitality experience, consequently appealing to the social media savvy clientele that enjoys cafe culture.

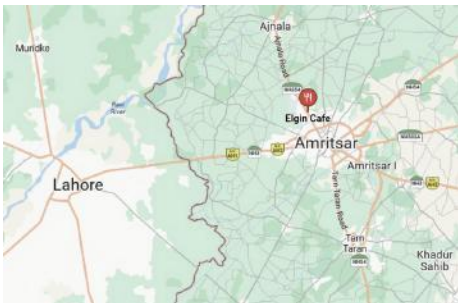
ARCHITECT RENESA Architecture Design
Interiors Studio

AREA 1500 ft²

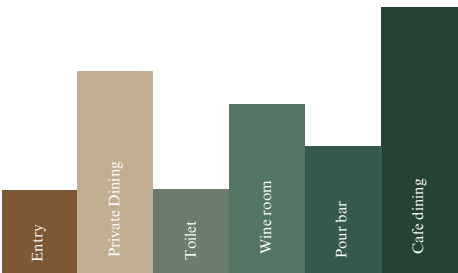
YEAR BUILT 2021

PHOTOGRAPH Nivedita Gupta

LOCATION: Punjab, India.



AREA STATEMENT:



STYLE / THEME: Maximalistic Interiors



CEILING:

Acoustic ceiling tiles helps in absorbing sound, reducing noise levels and echoes in a room



WALL :

HD-HMR Fluted panels are multi-dimensional bond with single layer glue architecture, hence it provides higher moisture resistance compared to normal MDF and will not lose its strength



FURNITURES:

Dining table with greenstone top and salmon color seating [Cane Tub Chair] are integrated into the space reflects Udaipur green stone



LIGHTING

Ample amount of natural lighting is attained through large windows. Cordell Rattan Ceiling Pendant lamps combines materials like rattan woven and washed linen using the conventional wickerwork



DISPLAY STANDS:

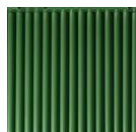
Winery with the wine bottles integrated into shelving allows for an attractive display of the wine collection, making it easy for customers to browse and select their preferred bottle.



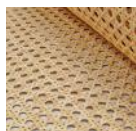
FLOORING:

The greenstone herringbone pattern flooring adds a dynamic element to the floor, exuding sophistication and artistry to the interiors.

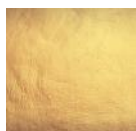
MATERIALS AND ITS TEXTURE



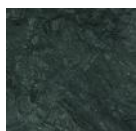
HD HMR - The boards are an ideal routable substrate with sharp cuts and routed edges. So, the texture of HDHMR boards is smooth, glossy, and robust.



Rattan - It has a unique texture that can feel rough or smooth depending on the specific piece of rattan. The texture of rattan can also vary depending on how it has been treated

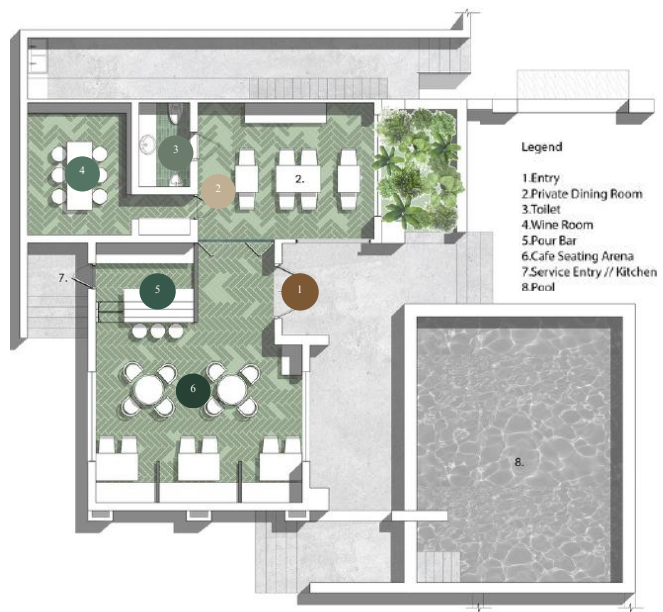


Brass - When you touch brass, you might feel a cool, smooth surface that is slightly heavier than you might expect. It is known for its distinctive yellow color and highly polished finish.



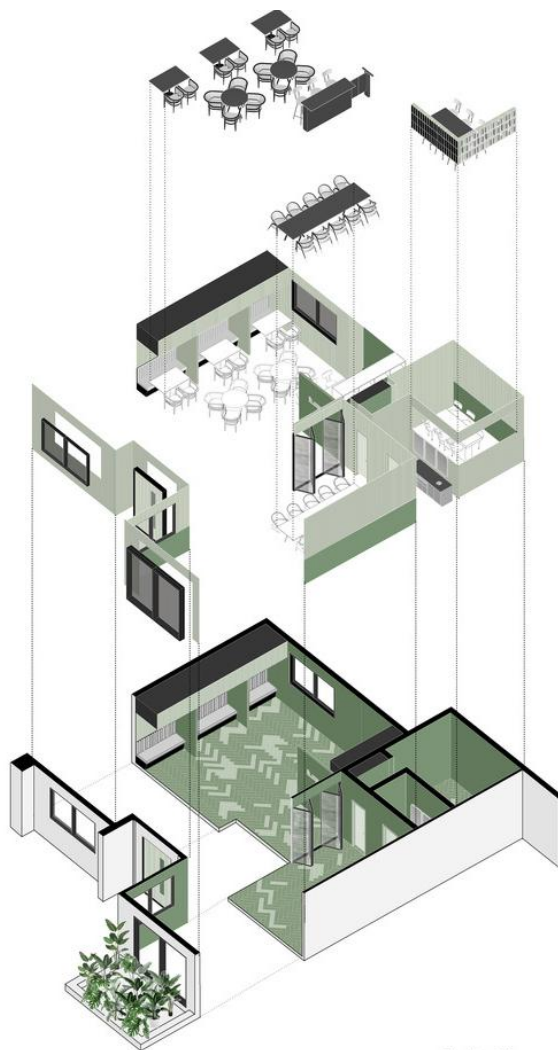
Green Marble - The texture of polished granite is created by grinding and buffing the surface until it is smooth & reflective and has smooth, glossy surface that is cool to the touch.

FLOOR PLAN:



AXONOMETRIC VIEW:

https://www.archdaily.com/966388/the-fluted-emerald-elgin-cafe-renesa-architecture-design-interiors-studio?ad_source=search&ad_medium=projects_tab



3.2.2 Rosie and Tillie Restaurant and Bar

RESTAURANT & BAR

Rosie and Tillie Restaurant and Bar

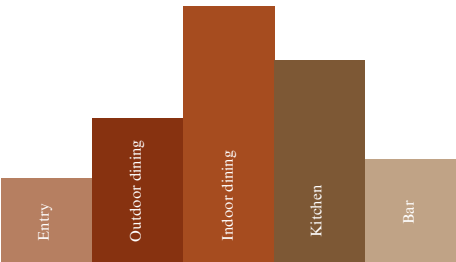
Text description provided by the architects

The syzygy amidst opposing forces, the coexistence of the Yin and Yang, and the constant state of dichotomy the mind exists in seem to keep the balance restored in the world as we know it. At Rosie & Tillie, our spatial imagination soars a flight that questions and beckons the concept of time to let loose. Think of it as the day and the night. Both opposite facets of the same coin, rarely ever crossing paths across the montage of the sky—except for when the new dawn takes over the reins from the night and when the seductive shades of dusk bathe the sky, bidding the day that was adieu.

ARCHITECT	RENESA Architecture Design Interiors Studio
AREA	1700 ft ²
YEAR BUILT	2022
PHOTOGRAPH	Nivedita Gupta
LOCATION:	Punjab, India.



AREA STATEMENT:



STYLE / THEME: Yin and Yang



CEILING:

Terracotta orange arched ceiling adds elegance and visual interest. The concave shape of a cove ceiling creates a seamless flow between the walls and the ceiling, visually expanding the space and creating a sense of depth and dimension.



WALL :

Traditionally made terracotta subway tiles creates a warm and charming atmosphere. The beauty of terracotta tiles is that each piece is unique to the next with slight variations in their depth of colour which adds to their rustic character



FURNITURES:

The perimeter of the floor plan is dotted by dining nooks that make way for communal dining in intimate groups, steel framed orange furnitures



LIGHTING

The only source of natural lighting is through the facade windows. The other source of lighting includes the track lighting system using the down spots and LED linear high bay lights



DISPLAY STANDS:

Long horizontal display shelves are primarily used to display and store beverages. They can support heavy loads, making them ideal for storing items like wine, liquor, or canned goods



FLOORING:

Warm white terrazzo flooring is not only stylish but also very durable, easy to clean, and can be very environmentally friendly.

MATERIALS AND ITS TEXTURE



Terrazzo - typically characterized by a rough and textured feel. The surface is composed of chips of marble, quartz, granite, glass, or other suitable material



Terracotta - The texture of terracotta can be described as earthy, rustic, & natural and is usually rough and porous, with a slightly gritty feel when touched

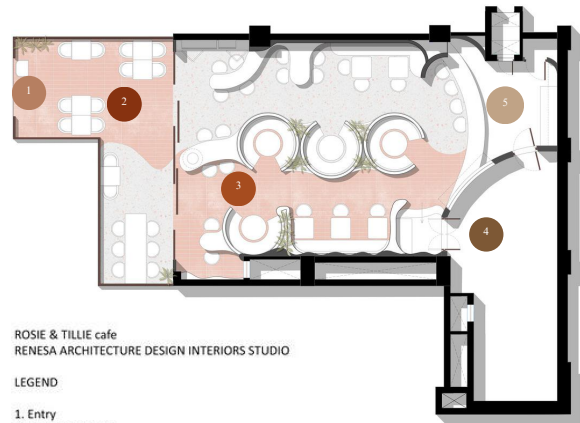


Lime plaster - Lime plaster has a unique texture that can be both visual and physical. It is usually an off-white colour and has a rough texture



Steel - Shiny steel typically has a smooth, sleek texture. It's often cool to the touch and can have a slightly slippery feel due to its polished surface

FLOOR PLAN:



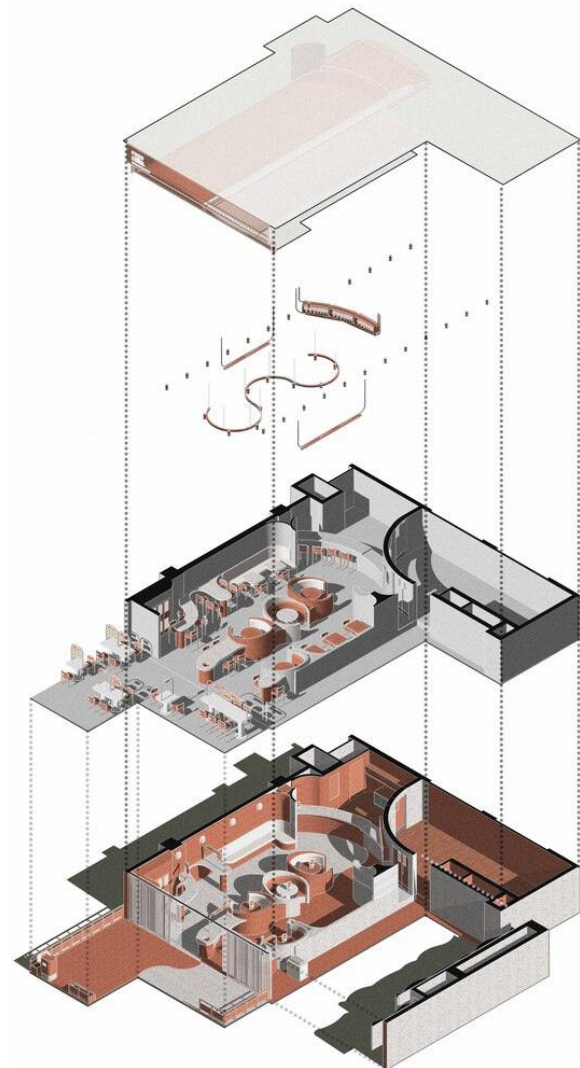
ROSIE & TILLIE cafe
RENESA ARCHITECTURE DESIGN INTERIORS STUDIO

LEGEND

1. Entry
2. Outdoor seating
3. Indoor seating
4. Kitchen
5. BAR

AXONOMETRIC VIEW:

https://www.archdaily.com/983261/rosie-and-tillie-restaurant-and-bar-renesa-architecture-design-interiors-studio?ad_source=search&ad_medium=projects_tab



3.2.3 BEIGE Café & Bakery / Arch.Lab

COFFEE SHOP

BEIGE Café & Bakery / Arch.Lab

Text description provided by the architects

Beige, the name, had a lot of layers to unfold in its meaning, and the design interpretation comes from the basic neutral palette that is subtle, minimalist, and humble. The cafe is located along the rear access in the commercial belt of Chandigarh's Madhya Marg. Each bay has two zones: an open-to-sky and a structural slab.

ARCHITECT

Arch.Lab

AREA

3800 ft²

YEAR BUILT

2023

PHOTOGRAPH

Jeevan Jyot

LEAD ARCHITECT

Mohit Vij, Harsimran Singh

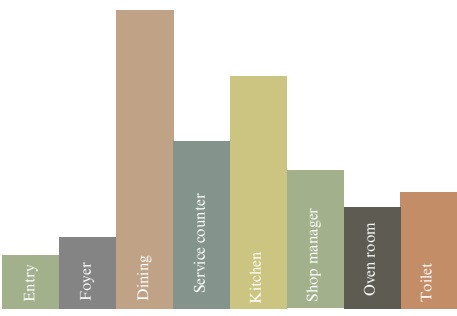
LOCATIO

N:

Chandigarh, India



AREA STATEMENT:



STYLE / THEME:

Contemporary minimal Interiors



CEILING:

A wooden coffer ceiling helps break the volume to a humble height and acts as a brise-soleil to break the sun's harsh light and lend a warm hue to the space. This diffused light lands on the strategically placed large planter beds that create sitting zones.



WALL :

A glass wall connects the interior with the 'outer' daylight zone. Background of concrete wall finishes overlayed with a textured finish of indigenous Gwalior stone. The overall concrete finish, the interventions towards daylight, and subtle materiality carry forward hints of Corbusier's modern aesthetics molded into contemporary minimal interiors.



FURNITURES:

The table layouts are centered around the planter beds creating privacy. Additionally, a community table has been planned for guests to come and eat together. The dining chairs feature a sturdy design with lovely upholstered seats that provide both comfort and style for your dining pleasure. The green color upholstery acts as a contrasting element



18

FLOOR PLAN:



LIGHTING

Customized light fixtures follow the theme of transparency and seamless continuity. Funnel-shaped glass lights are custom designed for the project, a silhouette marking the presence of a light source but least obstructive in the volume. A flexible pipe light fixture flows through the space, attempting to create a sense of play with its understated bends and turns.



COFFEE BAR:

An exposed preparation counter beside the community table that includes a live barista station and live chocolate counter allows for visual interaction.



FLOORING:

Grey terrazzo flooring is non-porous and resistant to microbes and mold when properly sealed, making it a very safe flooring surface.

CEILING PLAN:



ELEVATIONS:

https://www.archdaily.com/999687/beige-cafe-and-bakery-arcab?ad_source=search&ad_medium=projects_tab



MATERIALS AND ITS TEXTURE



Grey terrazzo - smooth and cool to the touch. It's a composite material, poured in place or precast, which is used for floor and wall treatments.



Glass - Clear glass is typically smooth and cool to the touch. It has a hard surface that doesn't give way under pressure, unlike materials such as rubber or fabric



Concrete - The texture of polished concrete is not rough or gritty, but rather has a tactile feel that is similar to that of a smooth stone or tile.



Gwalior stone - The stone has a unique texture created by the layers of sand grains that make up the stone, and it is often used for its striking colours

3.3 LIVE CASE STUDY

3.3.1 Writers cafe / Higginbotham

CAFE, BOOK SHOP

Writers cafe / Higginbotham

Text description provided as per in-person observation

As the name suggests, this place is designed and built for book lover and writers. A whole floor dedicated to shelves of fiction and non-fiction books, comics and magazines, it welcomes voracious readers to leave the outside world and worries at its doorstep and immerse in a world of stories and fantasies selected and maintained by the owner himself.

REVIEWS

swathi mathu
Local Guide · 155 reviews · 2,885 photos
★★★★☆ · 3 months ago
Dinner | Lunch | ₹200-400

Vignesh Kumar
Local Guide · 107 reviews · 347 photos
★★★★★ · a month ago
Dinner | Lunch | ₹600-800

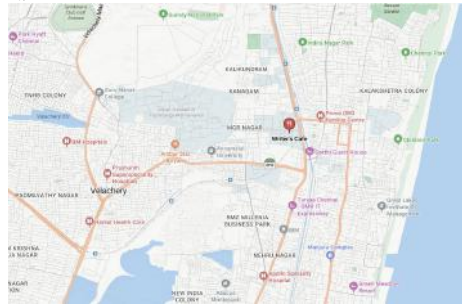
The atmosphere was very cool and relaxing, which made it the perfect spot to get some writing done.

Worthwhile experience, especially for its inviting ambiance and delectable food. The added charm of an attached small book store enhances the overall vibe. With decent parking space, it's a must-visit spot.

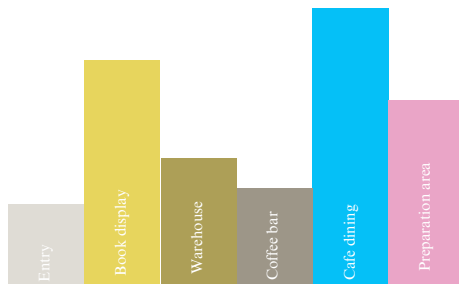
LOCATION

N:

Taramani, Chennai, India



AREA STATEMENT:



STYLE / THEME:

Contemporary Interiors



CEILING:

Mansard ceiling is seen with Metal roof sheets & CNC cut suspended ceiling to conceal AC ducts



WALL :

Most of the walls are made up of full height glass and a wall with doodled line art wallpaper which has lots of houses in it, this acts as a decorative element in the accent wall.



FURNITURES:

The chair [muuto nerd chair] which has pops of color is used as it reflects the colors seen in the books which are displayed, this creates harmony.

The bookshelves are arranged close to each other such that there's a connectivity within the space. This also helps in minimizing negative spaces.

Grid floor plan display is an efficient use of space, too, maximizing the amount of real estate for showcasing your products.



LIGHTING

NATURAL LIGHTING: Ample amount of natural lighting is attained through the glass Curtain wall

ARTIFICIAL LIGHTING: Spotlights and pendants are used to illuminate the interiors from dusk to dawn



DISPLAY STANDS: Freestanding displays, Point of purchase (POP) displays and Aisle units, that customers can get to from any direction are used, this helps to direct customers on their journey through the store



FLOORING: Moroccan Tile Effect Cushioned Vinyl Flooring Sheets are a versatile and practical choice for commercial areas. They are designed to replicate the authentic look of traditional Moroccan tiles, offering a unique and stylish mix of colors.

These sheets are hard-wearing and water-resistant, making them ideal for high-traffic areas



MATERIALS AND ITS TEXTURE



Moroccan Tile Effect Cushioned Vinyl sheet - The texture of polished concrete is not rough or gritty, but rather has a tactile feel that is similar to that of a smooth stone or tile



Glass - Clear glass is typically smooth and cool to the touch. It has a hard surface that doesn't give way under pressure, unlike materials such as rubber or fabric

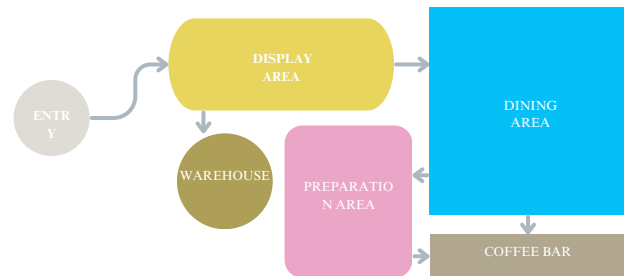


Aluminum- Polished aluminum metal appears slightly frosted. The metal has a surface roughness of 0.5 to 1.5 μm . This gives the polished aluminum a smooth and sleek feel to the touch.

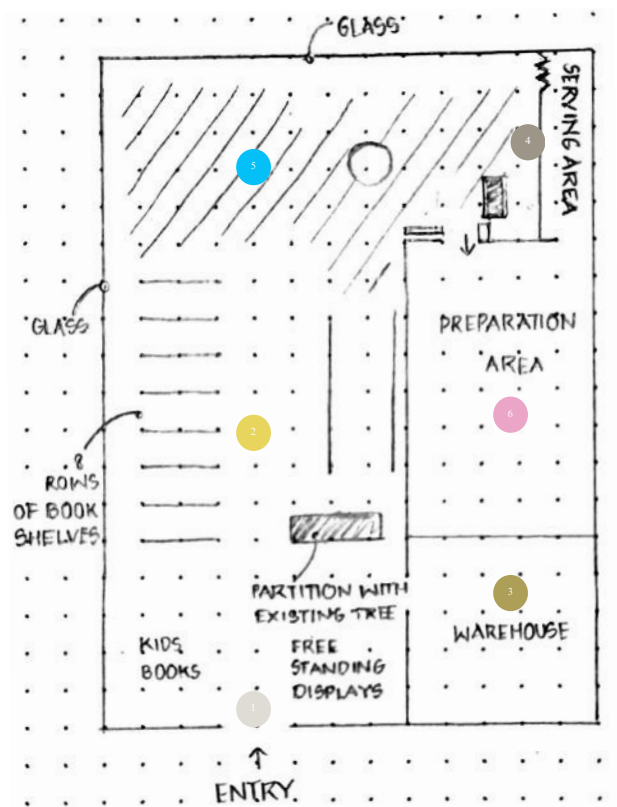


Oak wood - Polished oak wood surfaces are generally smooth and have a glossy finish. It has a high density, making it resistant to wear and tear over time.

SPATIAL ANALYSIS:



FLOOR PLAN:



3.3.2 Mirosh - All day cafe

CAFE, FLORAL

Mirosh - All day cafe

Text description provided as per in-person observation

This place is known for great coffee. The courteous staff at this restaurant can show how much they appreciate their customers. The spectacular service is something these restaurateurs care about. The exotic atmosphere might make you want to stay here for a bit more than you've originally planned.

ARCHITECT K Square Architects

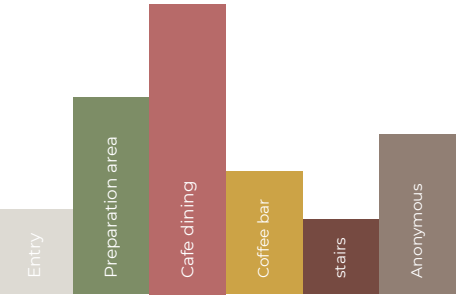
AREA 4,750 sq.ft

REVIEW This place is at busy locality and on main road so easy to locate. They have valet parking which is quite essential for this area . The ambience is very good and spacious. They have ample seating arrangement.

LOCATION R.A.puram, Chennai



AREA STATEMENT:



STYLE / THEME: Tropical Interiors



GROUND FLOOR CEILING: Barrel vaulted suspended ceiling with morocco texture. Barrel vaults have a wide range of uses due to their structural strength and aesthetic appeal. They guide the viewer's eye from one side of the room to the other. They are used in commercial settings due to their ability to enclose large spaces. Their versatility and durability have made them a popular architectural feature throughout history and across cultures

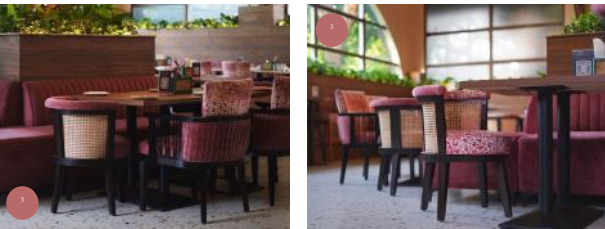


WALL : White walls can make a space look larger. This is because white reflects light more effectively than other colors, creating a sense of openness and airiness in a room.

Tropical wallpaper is chosen which significantly influences the mood and style of the space. This aligns with the overall aesthetic and purpose of the space



FURNITURES: Felix mushroom accent chairs, Due to their unique design and plush velvet upholstery, they can act as accent pieces, adding a touch of elegance to any room



LIGHTING

NATURAL LIGHTING:

Natural lighting is attained through the glass facade and windows

ARTIFICIAL LIGHTING:

The entire place is lit using floral shaped pendants which goes well with the tropical vibe & cove lights



COFFEE BAR:

The backdrop of the Coffee bar is made up of moroccan textured rustic panel that matches with the ceiling. Wooden counter with the lower portion made up of fluted pinkish orange laminates.

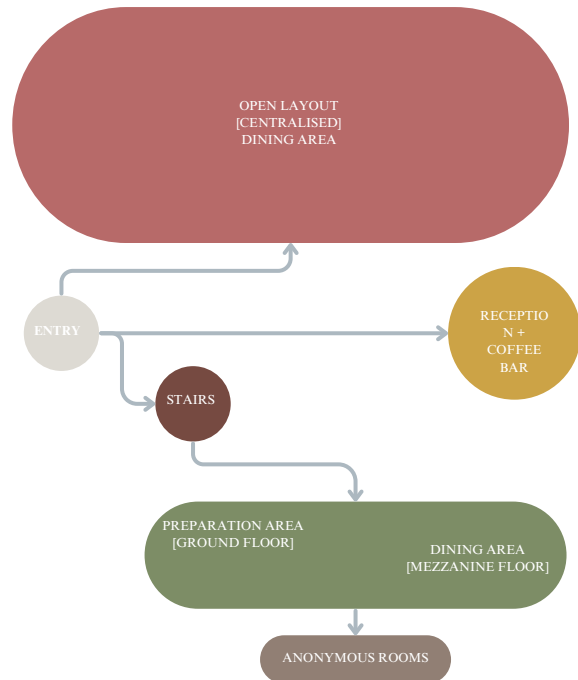


FLOORING:

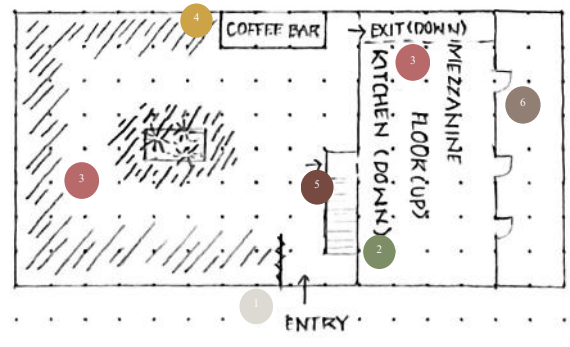
Terrazzo flooring is a popular choice due to its durability, aesthetics, and cost-effectiveness.



SPATIAL ANALYSIS:



FLOOR PLAN:



MATERIALS AND ITS TEXTURE



Wood - Tactile stimulation by touching wood with the palm is considered to bring about physiological relaxation effects as it is a familiar and representative natural material for humans.



Velvet - The tactile sensation of velvet fabric is truly remarkable. As your fingers glide over the surface, you can feel the tiny strands of the fabric. It almost feels like you're touching a cloud



Natural Rattan Cane Webbing - The surface can be smooth or slightly rough depending on the finish and the quality of the rattan. It's also lightweight, which adds to its tactile appeal.



Terrazzo - typically characterized by a rough and textured feel. The surface is composed of chips of marble, quartz, granite, glass, or other suitable material.

3.3.2 The Bistrogaph

CAFE, PHOTO
The Bistrogaph

Text description provided as per in-person observation

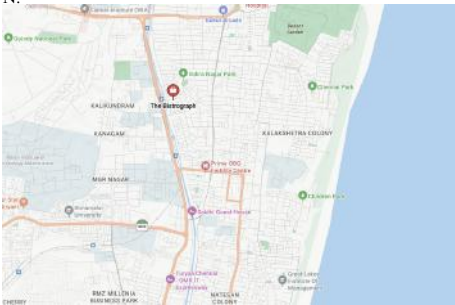
Set in a 60-year-old bungalow, the renovated blue façade inspired by an abstract twin lens camera instantly grabs eyeballs, whether you are walking or driving down. A lot can happen over coffee. But seeing your face in a cuppa has likely never happened before. The Bistrogaph in Shastri Nagar, Adyar has a signature red velvet brew that comes with a photo of your choice printed on top. With a vision to merge coffee, photography and food — owner Hari Subhash calls it the first photography-themed café in the country.

REVIEW

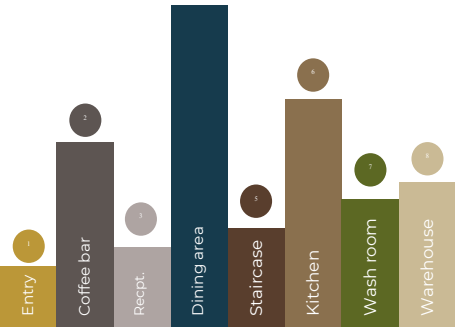
The place deserves an applause for maintaining the Cozy ambiance and hygienic high quality food. They have good seating option and can be explored with family and friends.

LOCATIO
N:

Adyar, Chennai



AREA STATEMENT:



STYLE / THEME:

Modern Interiors



CEILING:

Oval shaped suspended ceiling enhances the overall aesthetics of a space, providing a clean and finished look to the place.
Polycarbonate roofing shed is used in the exterior seating area as they are known for their ability to let in natural light, making them an ideal choice for structures that need access to sunlight. They offer a desirable combination of durability and visual appeal



WALL :

Wainscoting offers several advantages in high-traffic commercial spaces such as wall protection, cohesive design, water damage protection, and brand alignment

White walls with blue wainscoting can create a serene and relaxing atmosphere in a commercial space



FURNITURES:

All the furnitures in this cafe is made up of black frame & sleek tapered legs with soft velvet cushioned backrest and seat. The Volante Plus Dining Chair is a piece of furniture that adds a Mid-Century Modern appeal to your interiors. It provides comfortable seating with its Beige and grey upholstery



LIGHTING:

NATURAL LIGHTING:

Natural lighting is attained through the fixed glass in the facade and the windows

ARTIFICIAL LIGHTING:

Cove lights in the false ceiling, outdoor pendant light, LED profile pendent ceiling lights and wall sconces are used to light the space



COFFEE BAR:

The live Coffee bar has insufficient amount of natural lighting, However the space is well lit up using artificial lighting [i.e] recessed lights.

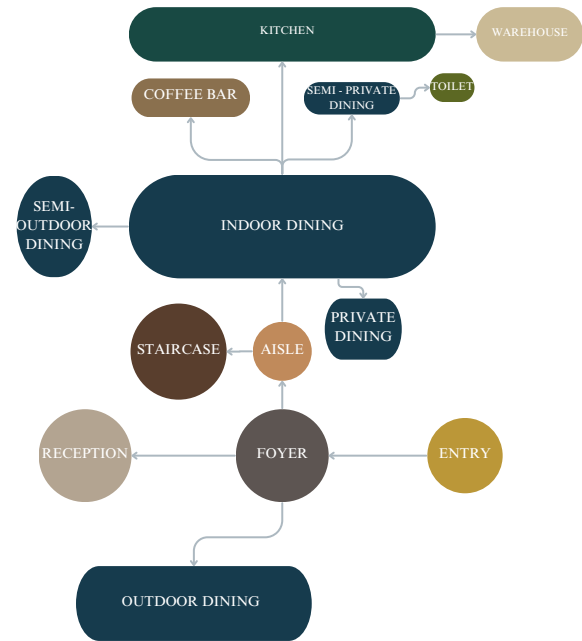


FLOORING:

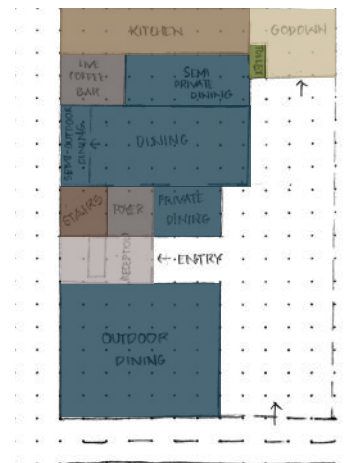
Patterned Vitrified tiles are known for their hardness and weatherproof qualities, making them suitable for both indoor and outdoor use



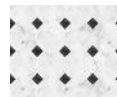
SPATIAL ANALYSIS:



FLOOR PLAN:



MATERIALS AND ITS TEXTURE



Patterned Vitrified tiles - The texture on the surface of these tiles provides a non-slip grip, making them ideal for use in areas that are exposed to moisture or frost



Glass - Clear glass is typically smooth and cool to the touch. It has a hard surface that doesn't give way under pressure, unlike materials such as rubber or fabric



Velvet - The tactile sensation of velvet fabric is truly remarkable. As your fingers glide over the surface, you can feel the tiny strands of the fabric.



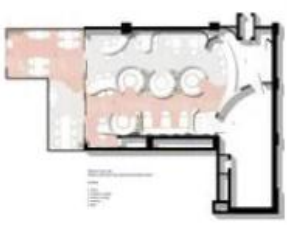
Wood - Tactile stimulation by touching wood with the palm is considered to bring about physiological relaxation effects as it is a familiar and representative natural material for humans.

3.4 INFERENCES (COMPARITIVE ANALYSIS)

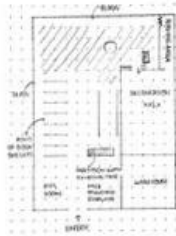
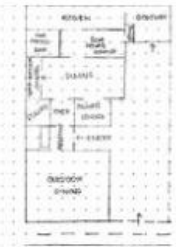
3.4.1 International case studies

Type of study	INTERNATIONAL STUDY		
Project name	Juanzong Books & Cafe	Cafe 8323. Space Layers	Longshang Books Cafe
Location	Haikou, China	Yongsan-Gu, South Korea	Xuhui, China
Area	770 sq.m	239 sq.m	188 sq.m
Layout			
Spaces	Entry, coffee bar, Dining, seating area, book display, service area	Entry, kiosk, coffee bar, preparation area, stairs, foyer, dining, toilet	Entry, Display area, seating, Cashier, coffee bar, manager room, take out
Color palette			
Ceiling	concrete ceiling with circular skylights	White ceiling with exposed concrete beams & Wooden ceilings in first floor	White colored Arched ceilings
Wall treatment	Polished concrete	Exposed brick, concrete, white walls	White painted walls
Flooring	Polished Concrete	Polished Concrete	Grey textured Vitrified tiles
Furnitures	Fluid-dynamic forms of seating, steel furniture	Wooden & steel furniture	Foldable lightweight chairs and tables
Lighting fixtures	Track lighting system	Strip lighting, LED linear light inside pipe fixtures	Strip lighting, adjustable recessed light
Overall theme	Minimalistic Interiors	Modern Rustic Interiors	Scandinavian Interiors

3.4.2 National case studies

Type of study	NATIONAL STUDY		
Project name	Emerald Elgin Cafe	Rosie and Tillie Cafe	BEIGE Café & Bakery
Location	Punjab, India	Punjab, India	Chandigarh, India
Area	139 sq.m	158 sq.m	353 sq.m
Layout			
Spaces	Emerald Elgin Cafe	Entry, Outdoor seating, Indoor seating, Kitchen, Bar	Entry, Foyer, service counter, public dining, private dining, kitchen, office, toilet
Color palette			
Ceiling	Acoustic ceiling tiles with moulded pattern	Terracotta orange arched ceiling	wooden coffer ceiling with skylights
Wall treatment	Green marble, HD HMR Panels	Terracotta subway tiles, terrazzo, lime plaster	Concrete, Gwalior stone
Flooring	Greenstone herringbone pattern	Warm white terrazzo	Grey terrazzo
Furnitures	Table with greenstone top and salmon color seating [Cane Tub Chair]	Fixed Dining nooks, steel framed orange furnitures	Minimal wooden furniture with Green upholstery
Lighting fixtures	Cordell Rattan Ceiling Pendant lamps	Track lighting system using the down spots and LED linear high bay lights	Flexible pipe light fixture, Pendant light
Overall theme	Maximalistic Interiors	Yin and Yang	Contemporary Minimal interiors

3.4.3 Live case studies

Type of study	LIVE STUDY		
Project name	Writers' cafe	Mirosh - All day cafe	The Bistograph
Location	Taramani, Chennai	R.A.puram, Chennai	Adyar, Chennai
Area	≈ 300 sq.m	≈ 380 sq.m	≈ 250 sq.m
Layout			
Spaces	Entry, Display area, warehouse, dining, kitchen, serving area	Entry, Foyer, Reception, Coffee bar, Dining, mezzanine dining, Kitchen	Entry, reception, foyer, dining, coffee bar, kitchen, toilet, warehouse
Color palette			
Ceiling	Mansard ceiling is seen with CNC cut suspended ceiling	Barrel vaulted suspended ceiling with morocco texture	Oval shaped suspended ceiling
Wall treatment	Doodled line art wallpaper	Tropical wallpaper, wooden panel, moroccan textured rustic panel	Wooden Mouldings, white walls, blue wooden wainscotting
Flooring	Patterned Vitrified tiles	Large white terrazzo	Moroccan Tile Effect Cushioned Vinyl Flooring
Furnitures	Muuto nerd chair, Metal standalone Bookshelves and Tables with laminate top	Felix mushroom accent chairs and wooden furnitures	Volante Plus Dining Chair and tables with white marble top
Lighting fixtures	Spotlights and pendants	Floral shaped pendants & cove lights	Outdoor pendant light, LED profile pendent light & coves
Overall theme	Contemporary Interiors	Tropical Interiors	Modern Interiors

3.4.4 INFERENCE

Comparative analysis

INFERENCE OF THE CASE STUDIES



TEXTURE

The choice of texture for a cafe can greatly influence its **ambiance** and **customer experience**.

The spaces should be rich in terms of textures, which are relaxing in sight.

1. Emerald Elgin Cafe

Fluted texture, characterized by its ribbed or grooved surface, is often associated with a **sense of elegance** and **sophistication**.

2. Cafe 8323. Space Layers

Exposed brick texture, The rough texture of brick reflects less light, giving the room a **warmer feel**.



COLORS

Choosing the **right colors** for a cafe interior can mean the difference between an average design and an excellent one.

Not only can colors evoke emotion, but they also have the **power to affect feelings** of **thirst** and **hunger**.

1. Rosie and Tillie Restaurant and Bar

STRONG APPETITE STIMULANTS: Red encourages impulsive buying and eating more. Orange evokes a cheerful response to the space

2. Emerald Elgin Cafe

MILD APPETITE STIMULANTS: Green signals health and turquoise is associated with being fresh.



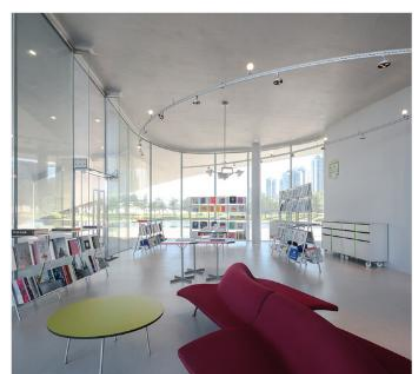
CIRCULATION

The circulation of a cafe should be designed in a way that **maximizes the efficiency** of the space and **minimizes congestion**.

1. Longshang Books Cafe

The **front** of the cafeteria, which is for the **clients**, and the **back** of the **cafe**, which is for the staff, are divided by the counter. The counter divides the space into two halves, and each has its requirement.

For the **front of the cafe**, the **seating layout** and **customer flows** are **essential**. For the **back of the cafe**, the **staff flows** and **equipment placement** have the largest impact.





VISUALS

The visuals of a cafe should reflect its **unique identity** and create a comfortable and refreshing mindset for the customers

1. Juanzong Books & Cafe

The visual strategy attempts a redefinition of the **interaction between space and people** from an interior design methodology perspective, where furniture is no longer just utilitarian objects but **tools that leverage the space, guiding behaviors and interactions.**

2. Mirosh - All day cafe

Choosing the right **furniture** that aligns with the **cafe's theme**



GREENS

Plants can have a positive impact on the environment of a cafe. They can help to purify the air, reduce noise levels, and create a more relaxing atmosphere for customers.

1. BEIGE Café & Bakery

Plants serve as a structural element. A row of plants can divide two seating areas or **create a private nook** where customers want to linger

2. Cafe 8323. Space Layers

Plants like the fiddle leaf fig tree, snake plant, succulents, and cacti are chosen for cafe interiors due to their **unique shapes, textures, and low maintenance.**



ACOUSTICS

By improving the acoustics, customers don't need to raise their voices, which greatly **reduces the sound level** in the room when it's crowded. Having a conversation costs less energy, which makes customers feel **more comfortable.**

1. Emerald Elgin Cafe

Acoustic ceiling tiles aid the sound quality by **reducing echoes, minimizing noise transfer.**

2. The Bistograph

Plush sofas, being made of soft, thick material, are excellent at absorbing sound. Sound is best absorbed by soft, plush surfaces. The **thicker the material, the better it absorbs sound.**



SITE ANALYSIS

4.1 CONTEXT OF THE SITE

Semmancheri, Chennai, Tamil Nadu - 600119



4.2 SITE JUSTIFICATION

In the immediate vicinity of the Sathyabama, the site was chosen. In order to achieve this goal, it was decided to locate the cafe in an area where there were lots of colleges nearby in order to provide students with the opportunity to improve their reading skills and to use second-hand books. To achieve this, the site was chosen in an area where there were lots of colleges.

4.3 LOCATION WITH DIAGRAMATIC REPRESENTATIONS

S Welcoming from the Main Road
A great project to serve youngsters, as there are educational institutes nearby.

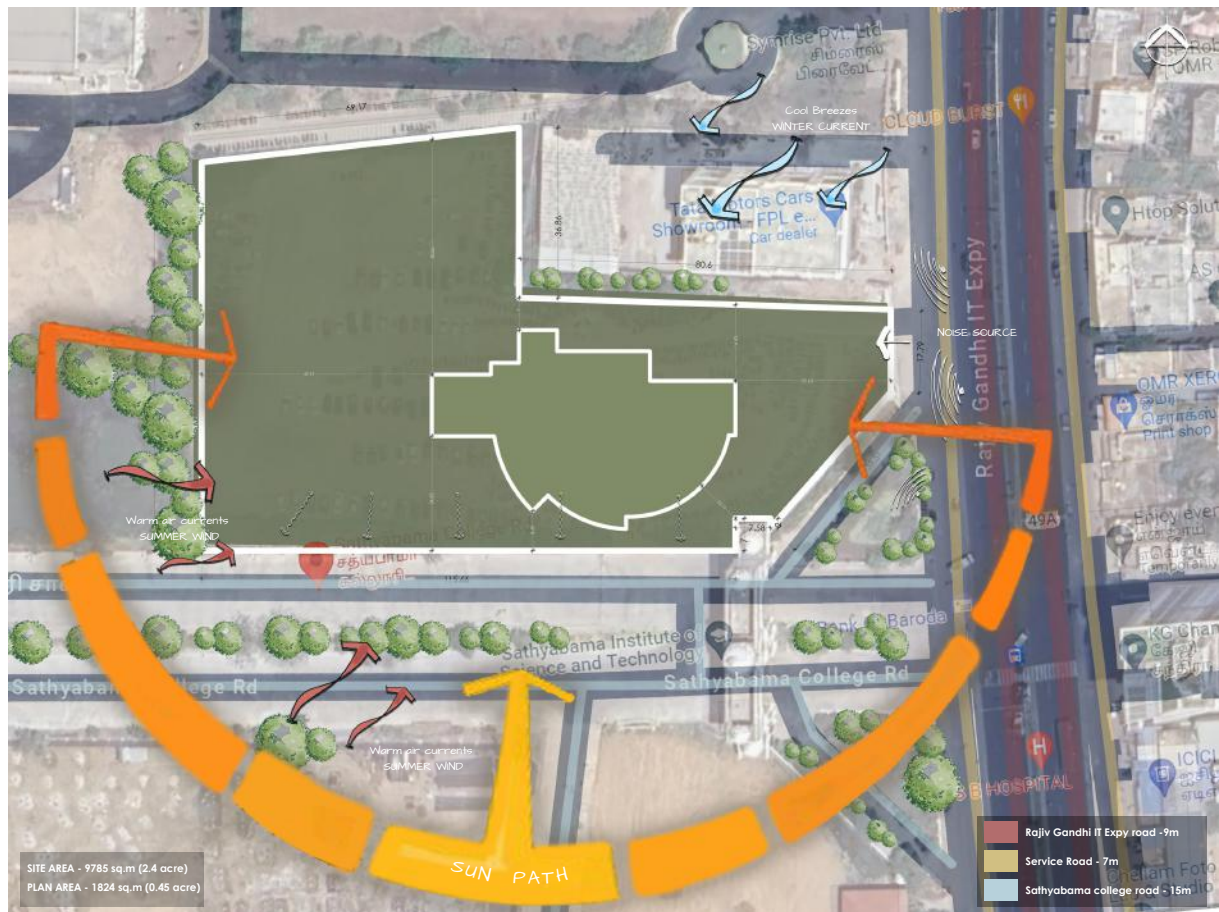
W Traffic is relatively busy and congested on the end of the working hours

O Designing an open space plan for clear navigation and setting up plants to purify the indoor air

T Cannot assign outdoor dining at the westside of the restaurant as there is direct solar radiation at noon

LANDMARKS

1. St. Josephs College of Engineering
3 min walk from Sathyabama at a distance of 1.4km
2. Jeppiaar Engineering College
- 5 min drive via Rajiv Gandhi IT Expy
3. Mohamed Sathak College Of Arts & Science -
6 min drive via Rajiv Gandhi salai
4. Hindustan Institute of Technology & Science
- 12 min drive via Rajiv Gandhi IT Expy



PROJECT PROGRAMMING

5.1 TARGET AUDIENCE

1. COLLEGE STUDENTS All college students
can use this Project

2. FOR ALL PEOPLE All Classes
All Ages
can use this Project



5.2 CRITERIA MATRIX

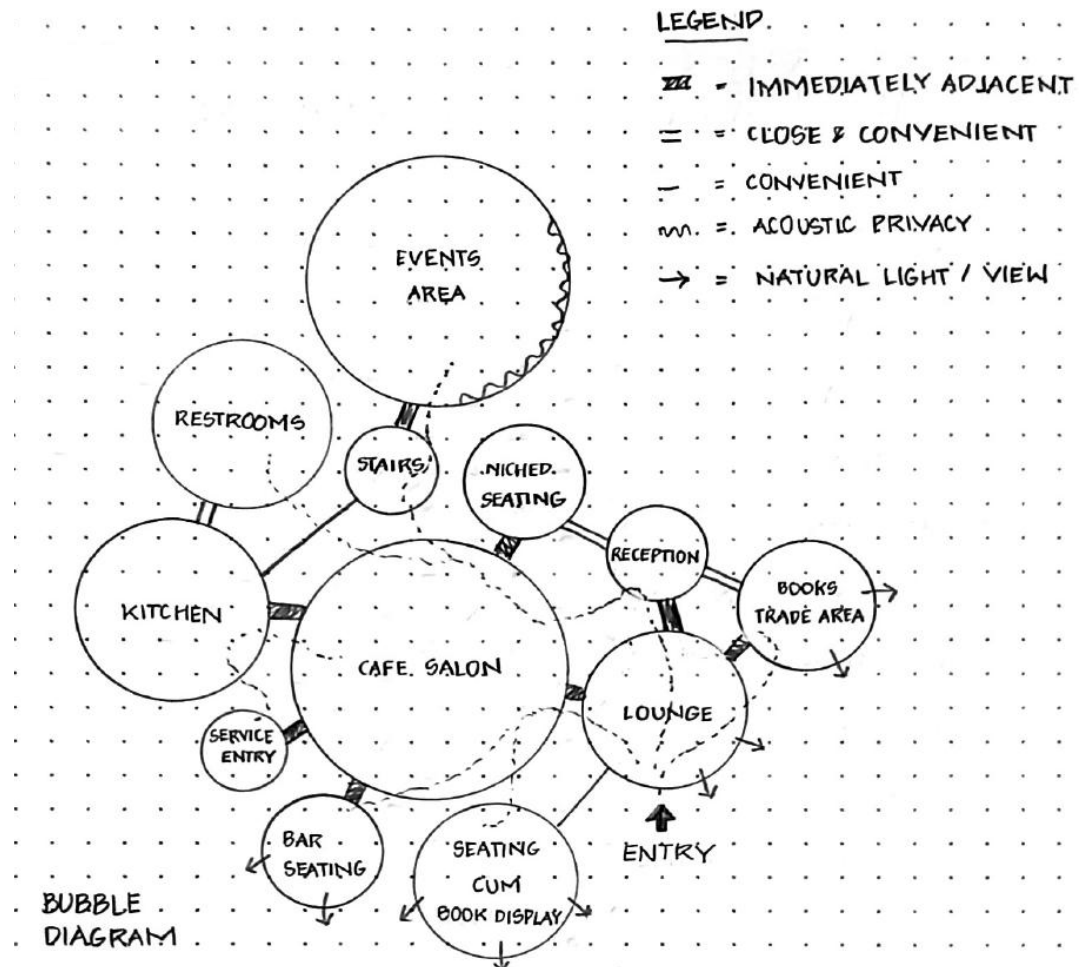
CRITERIA MATRIX FOR: THE ARCHIVED BOOK 'CAFE'	TOTAL SQ. METERS	ADJACENCIES	PUBLIC ACCESS	DAYLIGHT / VIEW	PRIVACY	PLUMBING	SERIAL EQUIPMENT	SPATIAL CONSIDERATIONS
1. LOUNGE	116	2,3	H	Y	L	N	N	TRAFFIC HUB
2. RECEPTION	37	1,3	H	Y	M	N	N	
3. TRADE AREA	53	1	M	Y	M	N	Y	CLOSE TO ENTRANCE
4. CAFE SALON	400	5,6,7	H	Y	L	N	N	CONVENIENT FOR EVERYONE
5. NICHED DINING	30	4	M	N	M	N	N	
6. SEATING CUM BOOK DISPLAY	203	4,7	M	Y	M	N	N	PROPER DISPLAY
7. BAR SEATING	95	4,6	H	Y	L	N	N	
8. SERVICE ENTRY	8	1	L	Y	M	N	N	
9. KITCHEN	230	8,10	L	Y	H	Y	Y	SPACIOUS & EASY TO USE
10. RESTROOM	57	4	H	N	L	Y	N	AS PER NO OF USERS
11. STAIRS	23	10,12	M	N	M	N	N	
12. EVENTS AREA	450	11	M	Y	M	N	Y	MEZZANINE
TOTAL AVAILABLE	1702	excluding outdoor dining						

5.3 ADJACENCY MATRIX

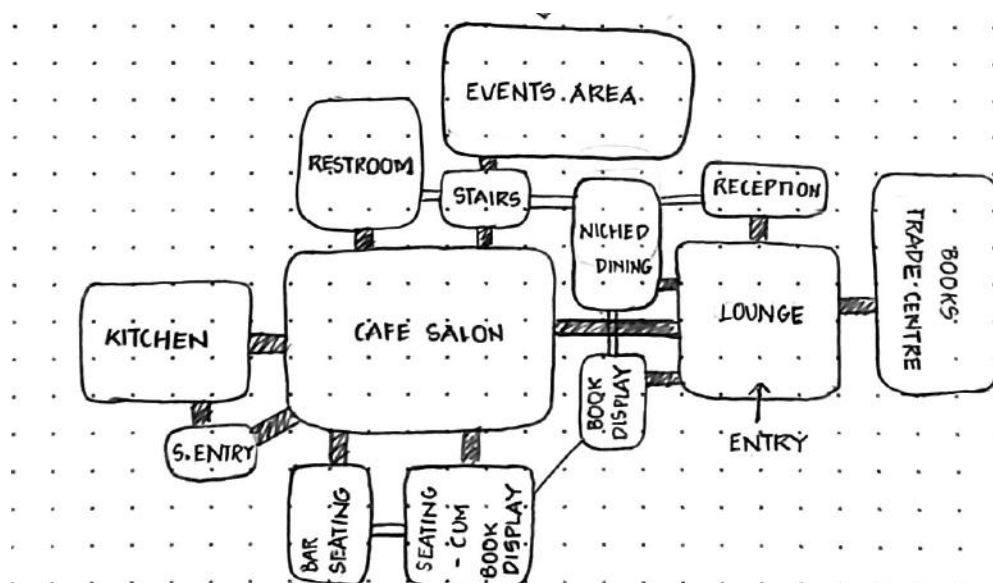
LOUNGE	RECEPTION	TRADE AREA	CAFE SALON	NICHED DINING	SEATING CUM DISPLAY	BAR SEATING	SERVICE ENTRY	KITCHEN	RESTROOM	STAIRS	EVENTS AREA

LEGEND
 • IMMEDIATELY ADJACENT
 * IMPORTANT ADJACENCY
 x REASONABLY CONVENIENT
 - REMOTE

5.4 BUBBLE DIAGRAM



5.5 REFINED BUBBLE DIAGRAM



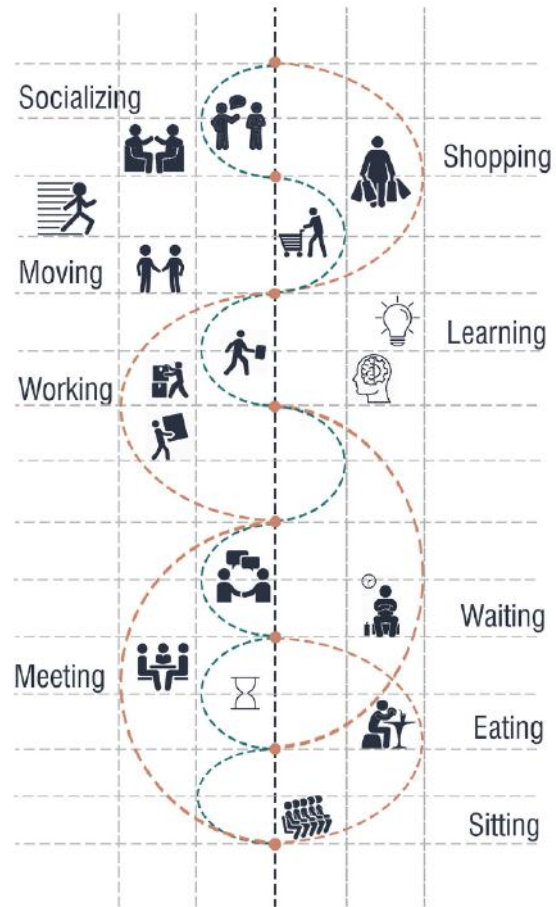
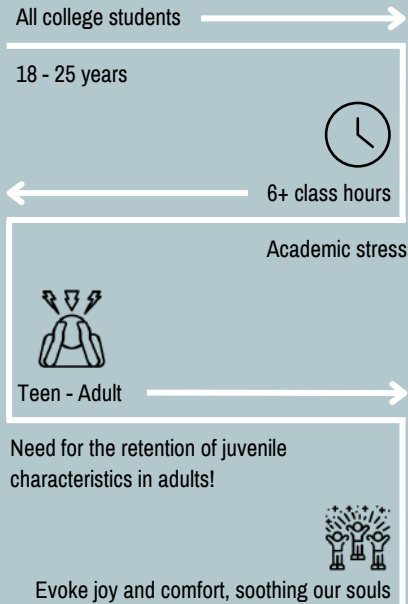
5.4 AREA STATEMENT

S.NO	SPACE	UNITS	AREA	CATEGORY
1	OLD BOOK TRADE AREA	SQ.M	25	S.PUBIC
2	CLOAK AREA	SQ.M	18	S.PUBIC
3	BOOK DISPLAY AREA	SQ.M	126	PUBLIC
4	POINTS EXCHANGE AREA	SQ.M	10	S.PUBIC
5	WINDOW SEATERS	SQ.M	2.6	PUBLIC
6	BOOKSHELVES	SQ.M	2.6	PUBLIC
7	FORMAL DINING	SQ.M	120	PUBLIC
8	CUSTOMISED SHELVES	SQ.M	16	PUBLIC
9	NICHED SEATING	SQ.M	15	PUBLIC
10	CAFE BAR	SQ.M	62	S.PUBLIC
11	INFORMAL DINING	SQ.M	290	PUBLIC
12	SEATING CUM SHELVING	SQ.M	160	PUBLIC
13	DISPLAY AREA	SQ.M	20	PUBLIC
14	STAIRCASE	SQ.M	15	PUBLIC
15	ELEVATOR	SQ.M	8.6	PUBLIC
16	RESTROOM	SQ.M	55	PUBLIC
17	ENTRY	SQ.M	6	PUBLIC
18	INFORMAL DINING	SQ.M	320	PUBLIC
19	NICHED DINING	SQ.M	30	PUBLIC
20	CAFE BAR	SQ.M	16.5	S.PUBLIC
21	BOOKSHELVES	SQ.M	2.6	PUBLIC
22	STAIRCASE	SQ.M	15	PUBLIC
23	ELEVATOR	SQ.M	8.6	PUBLIC
24	RESTROOM	SQ.M	55	PUBLIC
	PUBLIC			
	SEMI-PUBLIC			

CONCEPT

6.1 USER ANALYSIS

The relationship between the user and the concept behind the evolution of spaces.



6.2 THEME

WHAT IS NEOTENIC DESIGN ?

Coined by New York-based designer
Justin Donnelly

Design philosophy

Derived from the scientific term used to describe the **retention of juvenile features in adults**: neoteny.



WHAT DOES THIS LOOK LIKE IN FURNITURE FORM?

The silhouettes of neotenic shapes feature **accentuated curves**, often paired with **soft textures**. Exuding youth and playfulness, some pieces can be described as 'cute' and speak to our inner child; other pieces somehow make rounded, almost clumsily formed shapes with compressed proportions seem **elegant and sophisticated**.

The result of each furniture or décor piece that speaks to the philosophy of neotenic design? **A sense of comfort and warmth.**



The popularity of neoteny can be attributed to its **ability to evoke a feeling of nostalgia for childhood's past and its emphasis on creating an organic and comforting environment**. For example, adding curved furniture and **rounded corners** help reduce loud edges often associated with more traditional designs.

Furniture that 'hugs' you



In line with the trend of designing spaces that **not only look good, but feel good too** – and enhance overall wellbeing – curvaceousness is a characteristic of Neotenic Design.

Bouclé texture

Described as a 'feel-good' texture that's irresistible to touch, it ignites a child-like sense of inquisitiveness—making it a popular texture in neotenic design.

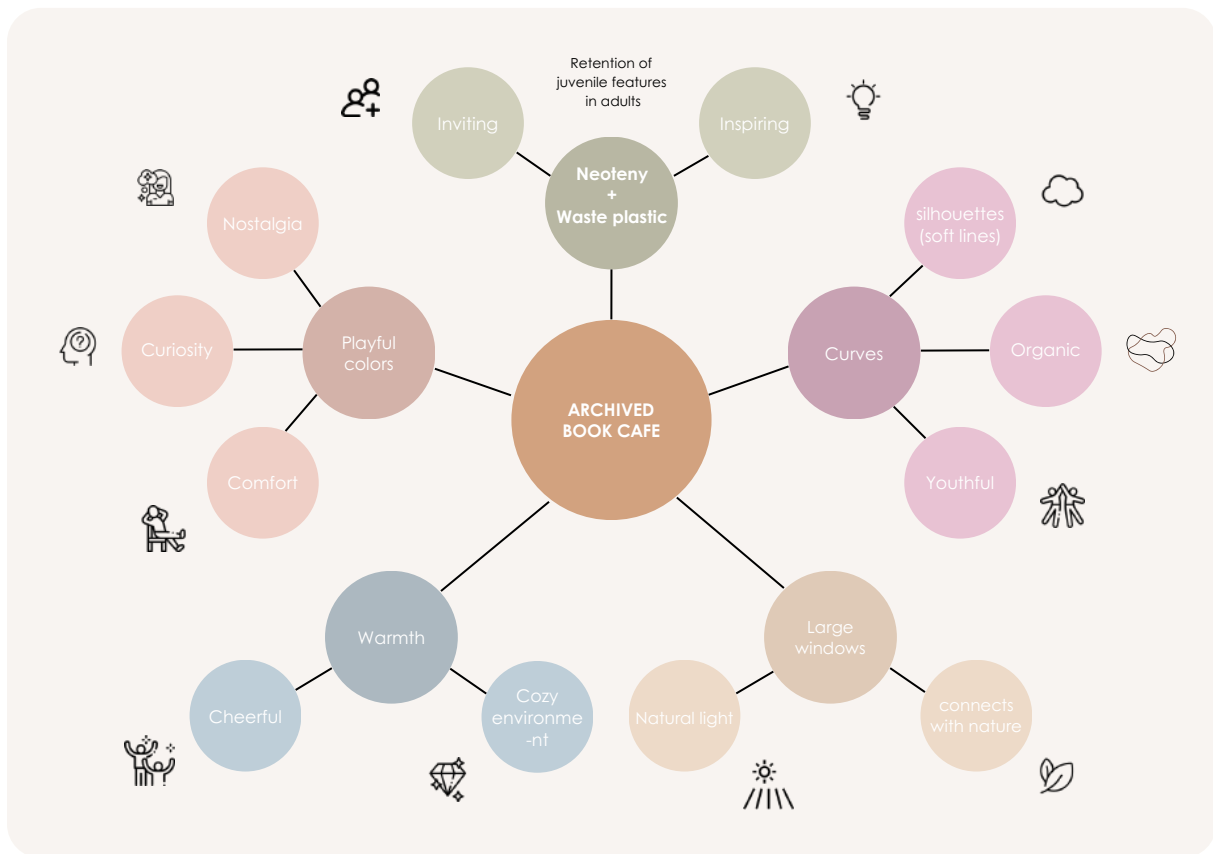


Abstract, curved accessories



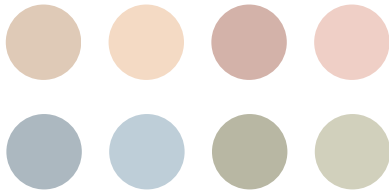
The **Muuto Kink Vase** is both sculptural and practical. The contours also speaks to the philosophy of neotenic design.

6.3 MOOD BOARD

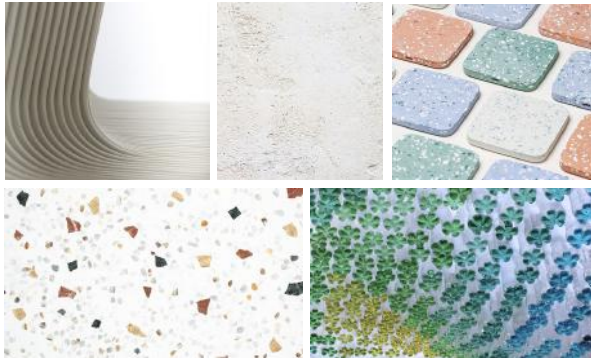


6.4 MATERIAL BOARD

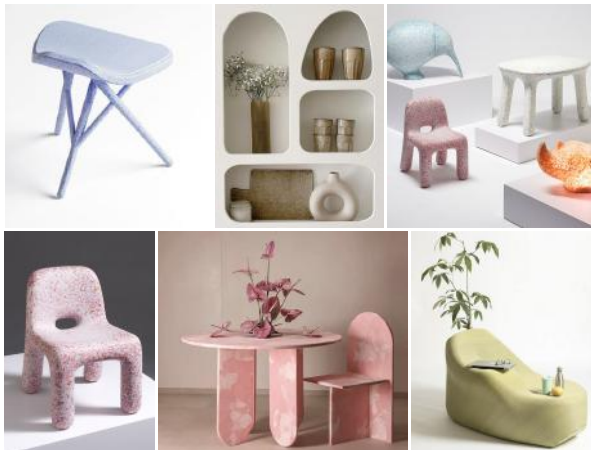
COLOR PALETTE



TEXTURES



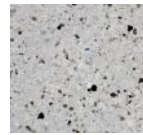
FURNITURES



ACCESSORIES



MATERIAL BOARD



Recycled plastic - Light weight, making them easier to transport, handle, and install than other materials. Long shelf life.



Glass - A hard and brittle substance that is usually transparent or translucent. It may be comprised of a fusion of sand, soda, lime, or other materials.



Steel - Resistance to wear, abrasion, and deformation. High-carbon steels tend to be harder, while low-carbon steels are softer and more malleable.



Plywood - Exhibits impressive structural strength, making it suitable for various applications. Its cross-grain arrangement minimizes splitting and enhances dimensional stability.



Chiffon - This type of fabric is sheer, which means that it is light and semi-transparent with a simple weave.



Laminates - composite materials crafted by bonding layers of different materials together, often combining the strengths of each to create a versatile and resilient product.



Boucle - refers to the curly, looped appearance of this fabric. It is made from yarn with deliberate loops, creating a tactile and visually appealing surface.



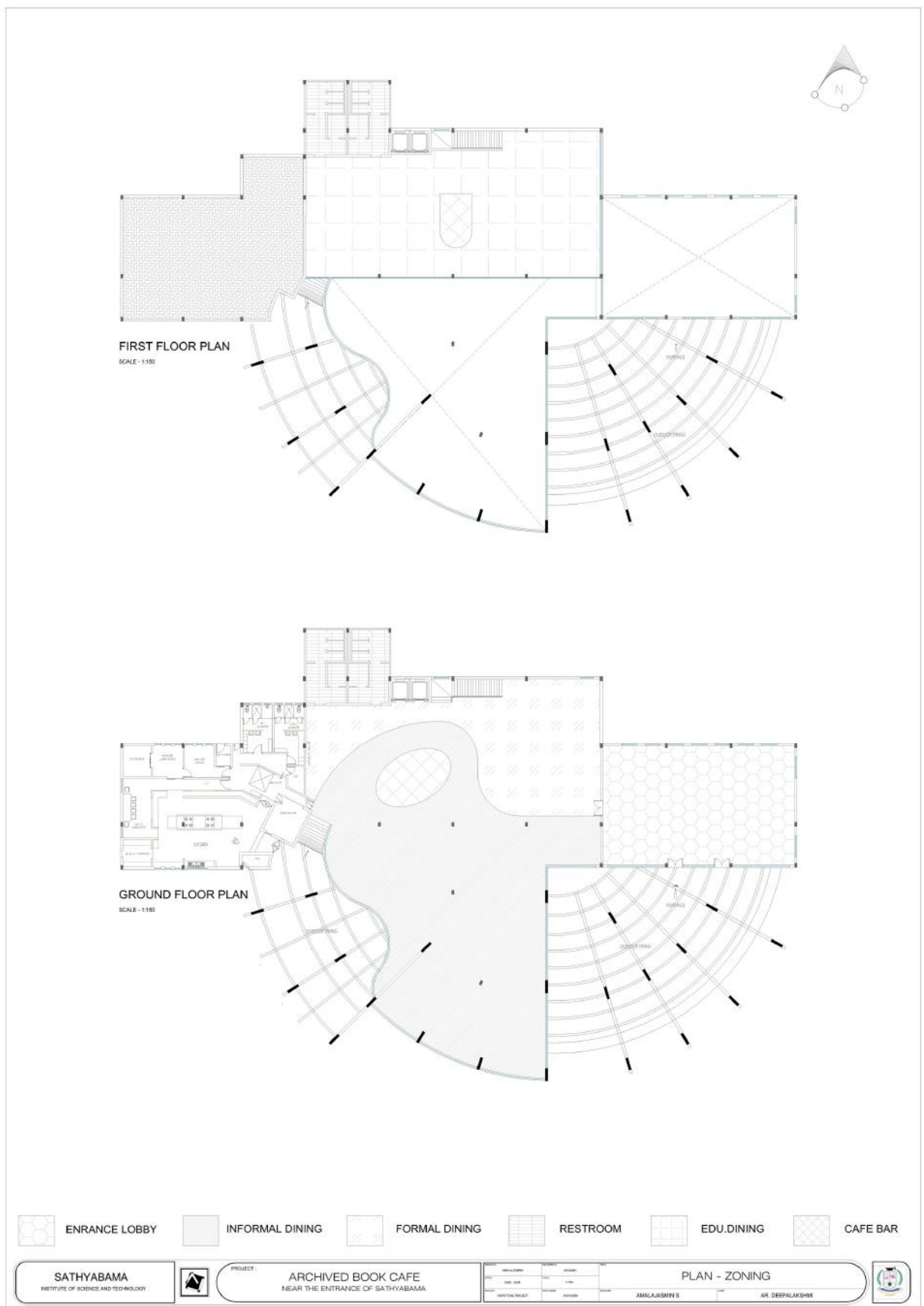
Velvet - exceptionally soft to the touch, providing comfort and a sense of luxury. It's a fabric that feels delightful against the skin.



LVT - typically consists of six to eight layers, making it thicker and more rigid than its predecessor. The wear layer enhances scratch resistance, ensuring longevity even in high-traffic areas.

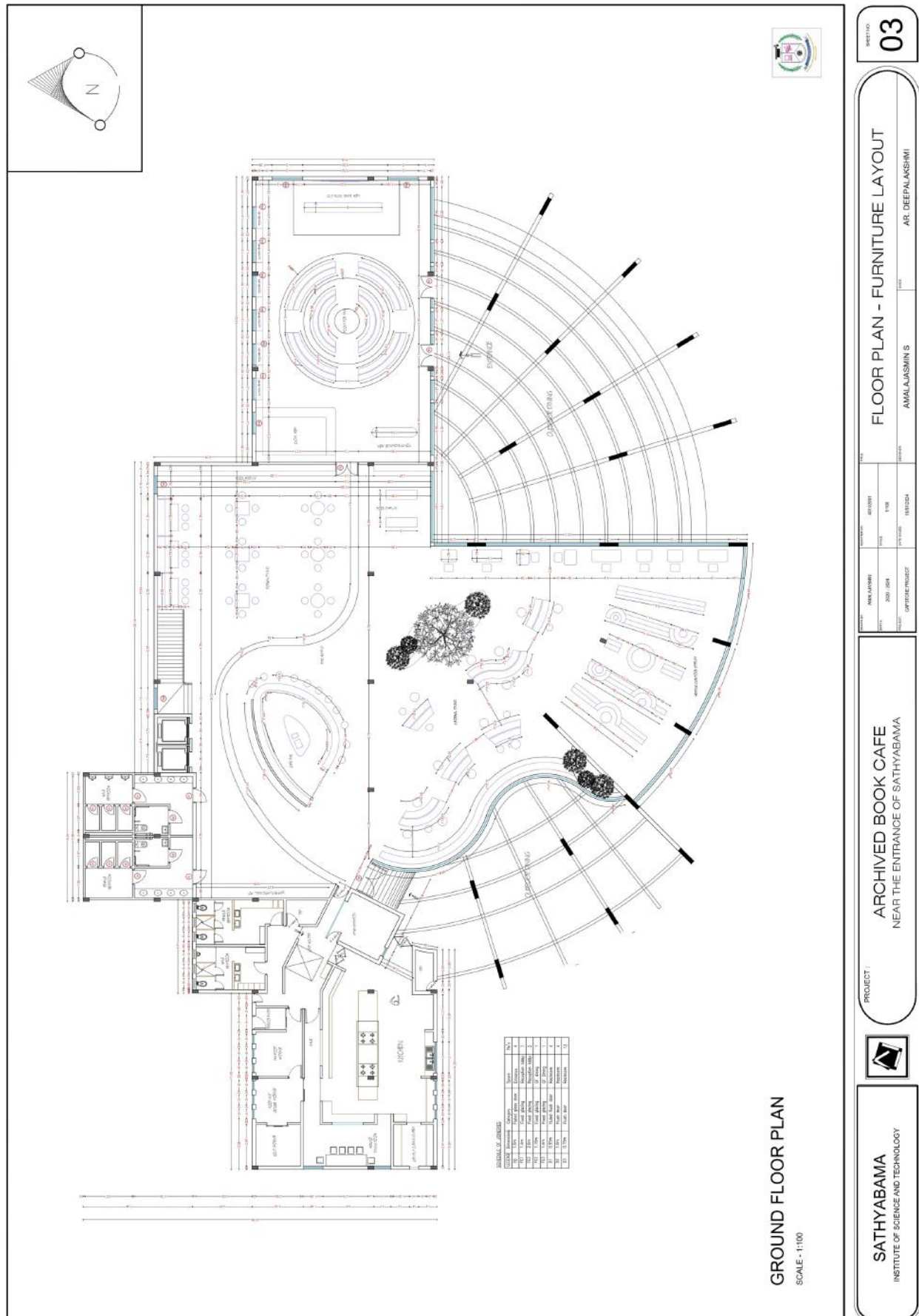
SPACE PLAN EVOLUTION

7.1 SPATIAL ZONING

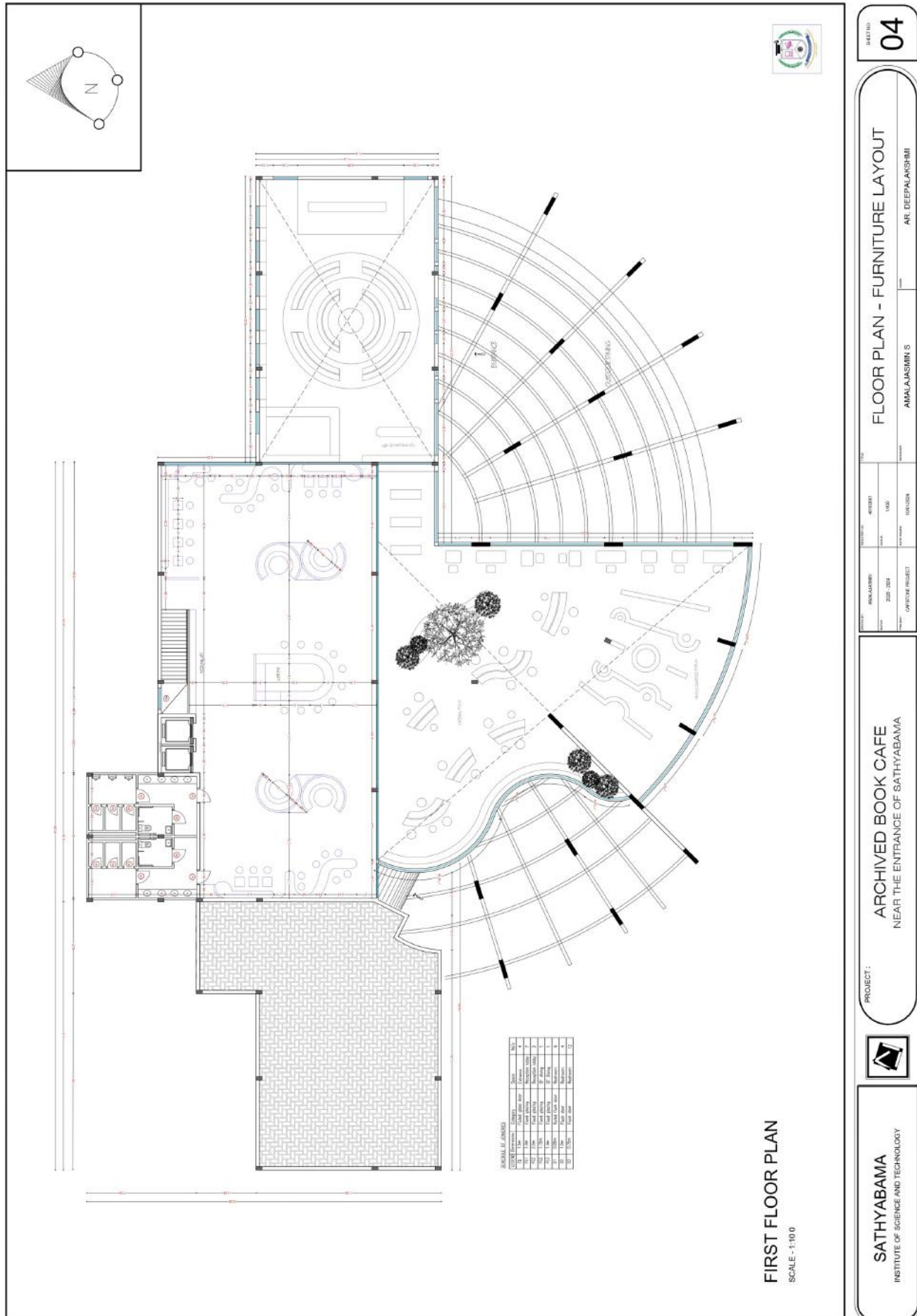


7.2 OVERALL SCHEMATIC PLAN WITH DETAILS

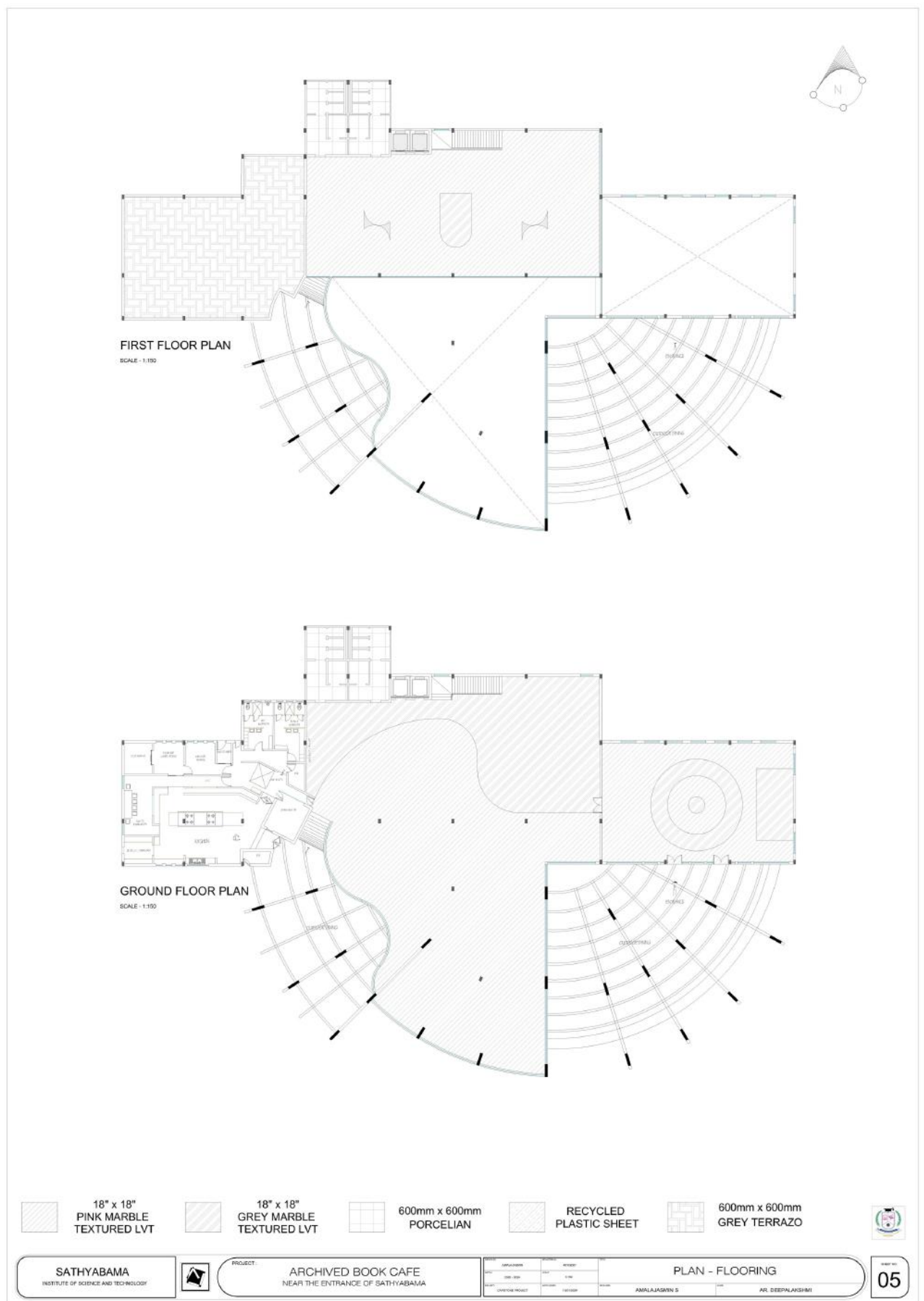
7.2.1 GROUND FLOOR - MASTER PLAN



7.2.2 FIRST FLOOR - MASTER PLAN



7.3 FLOORING LAYOUT



7.4.1 RECEPTION LOBBY



RCP LAYOUT
SCALE 1:100

ELECTRICAL LAYOUT
SCALE 1:100

DETAIL 1- FALSE CEILING
SCALE 1:20

**Philips Astra Spot
Tilttable LED COB Light**

KEY PLAN

TYPE OF LIGHT	SYMBOL	OVERALL DIMENSION	COLOR TEMP	WATTAGE
CHANDLER		8.2m x 8.5m	3000K	30Watts
STRIP LIGHT		500mm x 0.9m x 0.9m	3000K	30Watts
SPOT LIGHT		60mm x 8.2m x 8.5m	4000K	20Watts
TABLE LAMP		1413.5" x 232.5" x 9.87"	2700K	18Watts

FALSE CEILING LEVELS

HATCH	LVL
	4.8M FROM TRUE CEILING LVL
	4.3M FROM TRUE CEILING LVL
	4.8M FROM TRUE CEILING LVL
	4.3M FROM TRUE CEILING LVL

NOTE:
ALL DIMENSIONS ARE IN METERS.
ALL DIMENSIONS TO BE CHKD. AT SITE.
DO NOT SCALE THE DRAWING

IN THE EVENT OF ANY DISCREPANCIES OR DIFFERENCES BETWEEN ARCHITECT DRAWINGS/ INTERIORS DRAWING WITH THE SITE CONDITIONS, IMMEDIATE REFERENCE IS TO BE MADE TO THE ARCHITECT OR INTERIORS DESIGNER PRIOR TO THE EXECUTION OF WORK AT THE SITE.

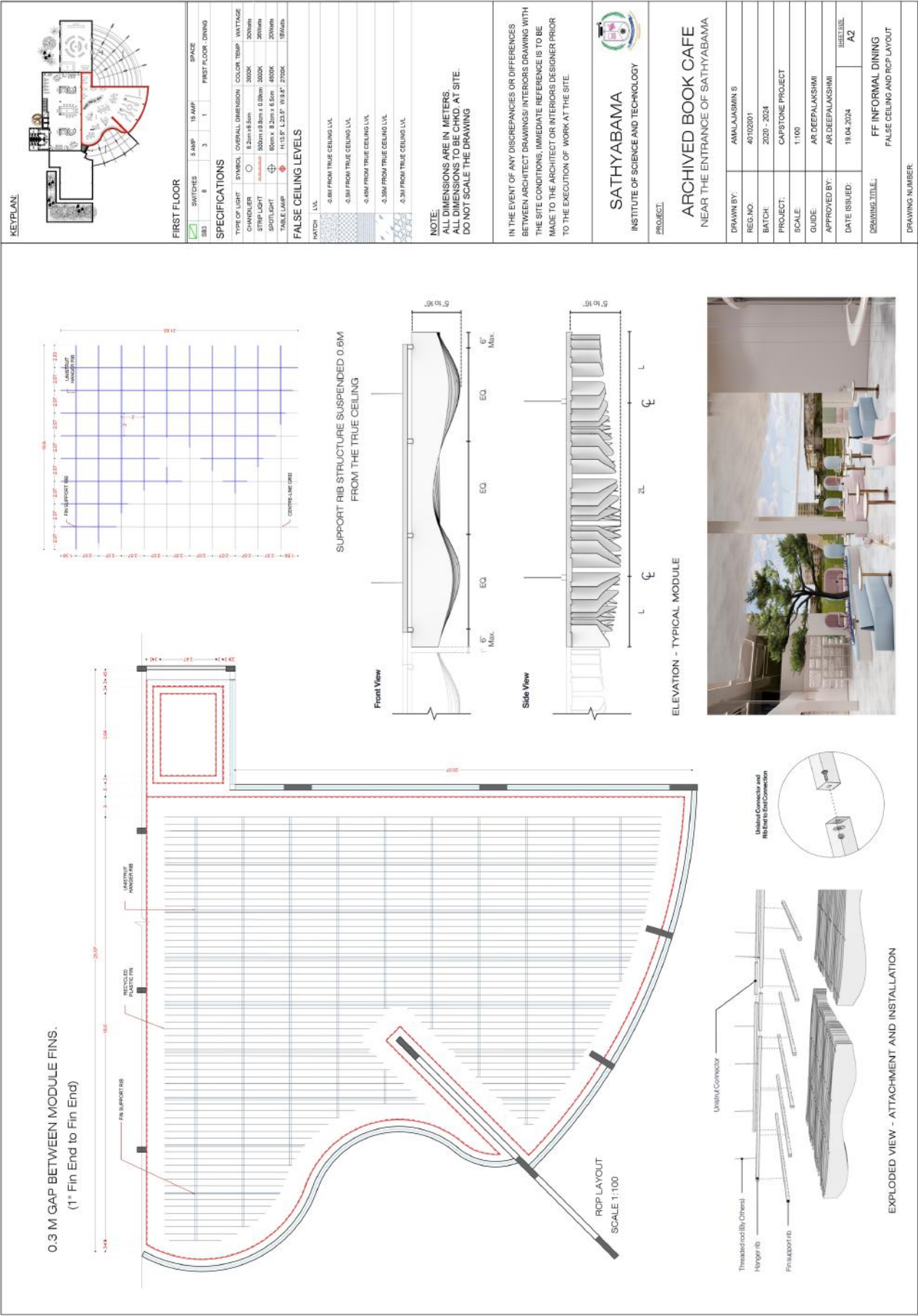
SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY

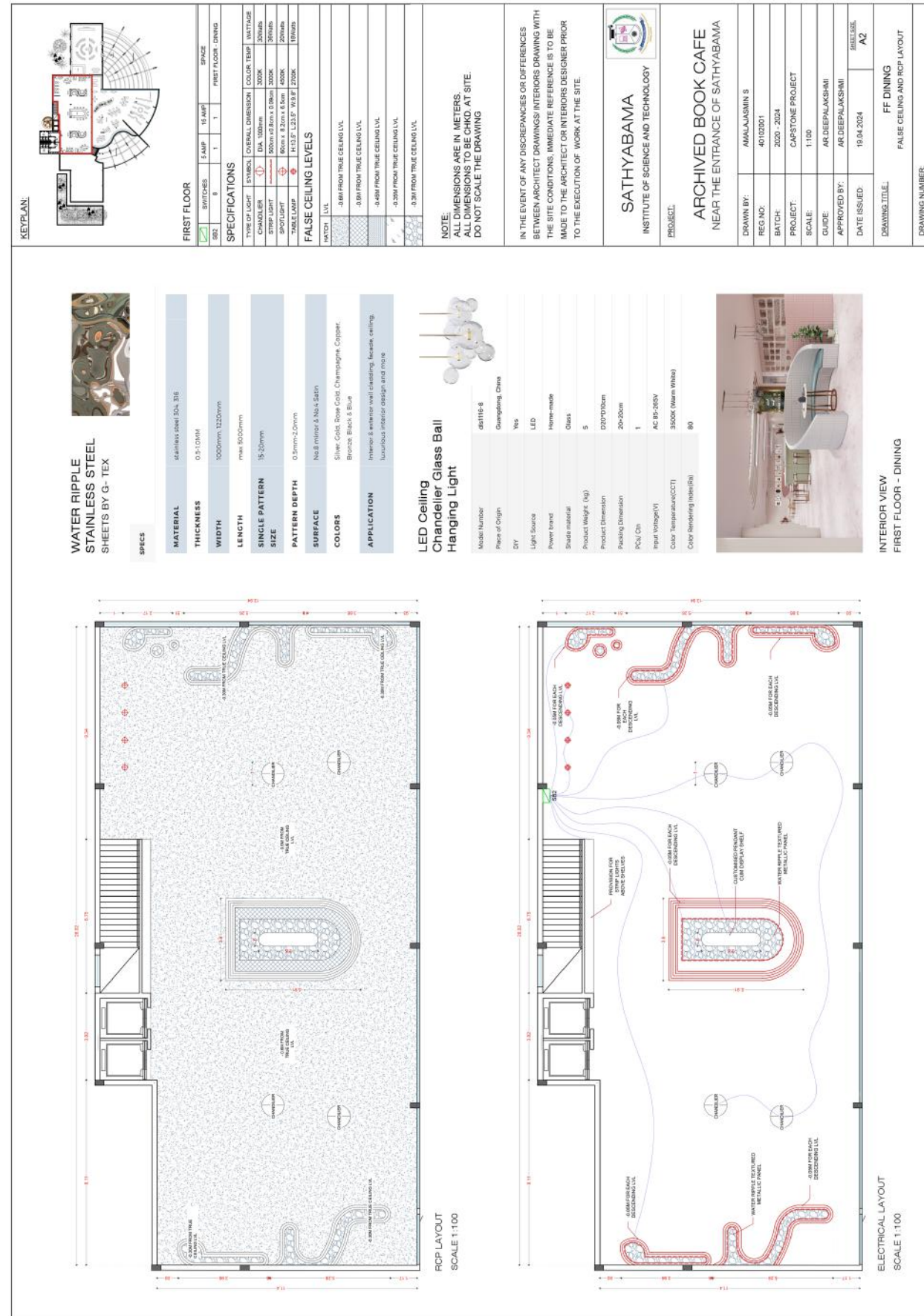
PROJECT:
ARCHIVED BOOK CAFE
NEAR THE ENTRANCE OF SATHYABAMA

DRAWN BY:	AMALJASMIN S
REG. NO:	4012001
BATCH:	2020 - 2024
PROJECT:	CAPSTONE PROJECT
SCALE:	1:100
GUIDE:	AR DEEPAKSHAM
APPROVED BY:	AR DEEPAKSHAM
DATE ISSUED:	19.04.2024
SHEET NO.	A2

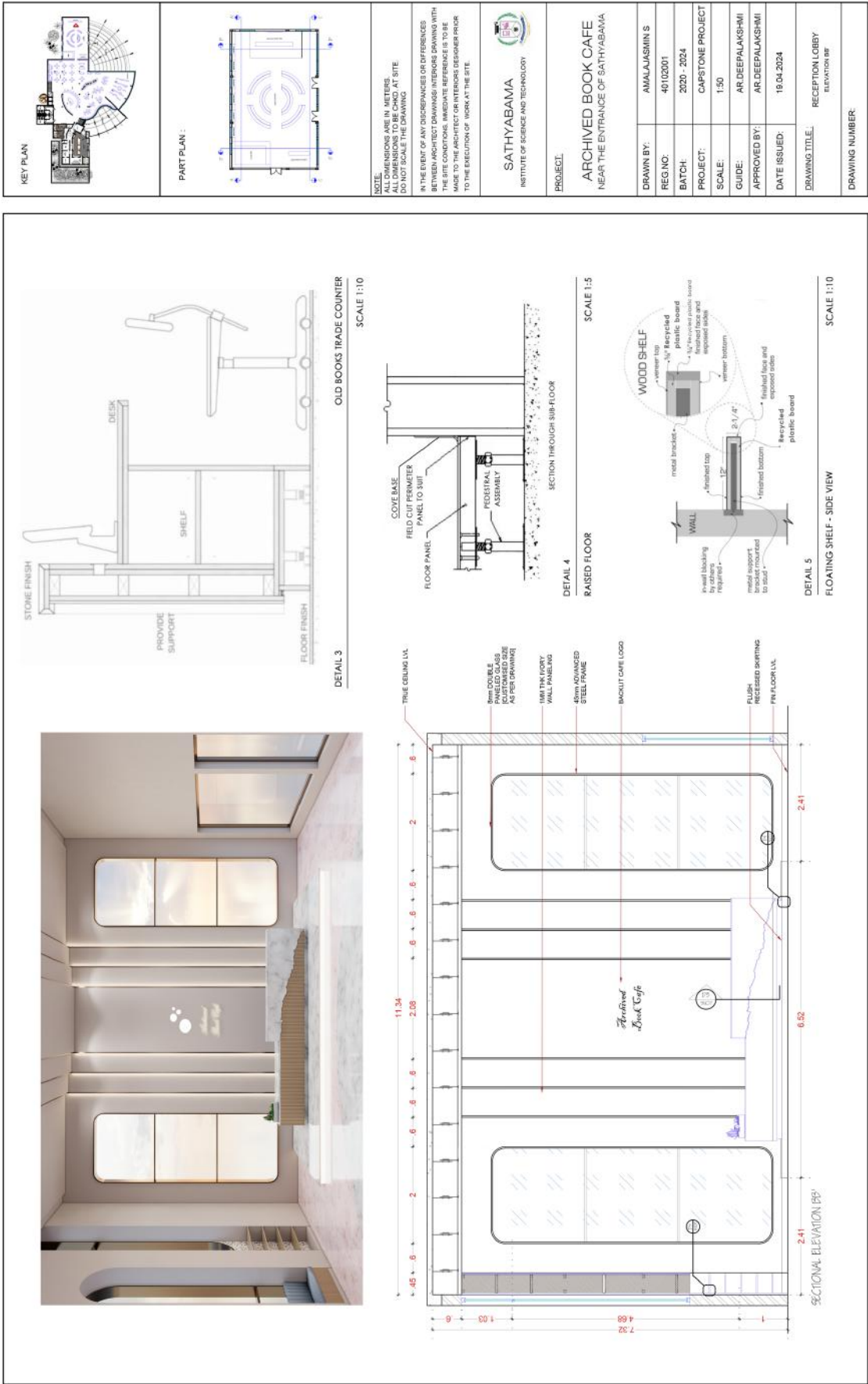
DRAWING NUMBER:
FALSE CEILING AND RCP LAYOUT

7.4.3 INFORMAL DINING



[illegible]

7.5.2 RECEPTION LOBBY ELEVATION BB'





SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY

PROJECT:
ARCHIVED BOOK CAFE
NEAR THE ENTRANCE OF SATHYABAMA

07

PROJECT:	ANALAJASMIN S	DATE:	18.04.2024
DESIGNER:	AR DEEPAKSHI-M	DATE:	18.04.2024
CHECKER:	AR DEEPAKSHI-M	DATE:	18.04.2024
APPROVED BY:	AR DEEPAKSHI-M	DATE:	18.04.2024

KEY PLAN

PART PLAN :

NOTE:
ALL DIMENSIONS ARE IN METERS.
ALL DIMENSIONS TO BE CHD. AT SITE.
DO NOT SCALE THE DRAWINGS.

IN THE EVENT OF ANY DISCREPANCIES OR DIFFERENCES
BETWEEN ARCHITECT DRAWINGS/ INTERIORS DRAWING WITH
THE SITE CONDITIONS, IMMEDIATE REFERENCE IS TO BE
MADE TO THE ARCHITECT OR INTERIORS DESIGNER PRIOR
TO THE EXECUTION OF WORK AT THE SITE.

SATHYABAMA
INSTITUTE OF SCIENCE AND TECHNOLOGY

PROJECT:
ARCHIVED BOOK CAFE
NEAR THE ENTRANCE OF SATHYABAMA

DRAWN BY: AMALAJASMIN S
REG NO: 40102001
BATCH: 2020 - 2024
PROJECT: CAPSTONE PROJECT
SCALE: 1:50
GUIDE: AR DEEPAKASHMI
APPROVED BY: AR DEEPAKASHMI
DATE ISSUED: 19.04.2024
DRAWING TITLE: RECEPTION LOBBY
ELEVATION CC & CD

DRAWING NUMBER:

SECTIONAL ELEVATION CC

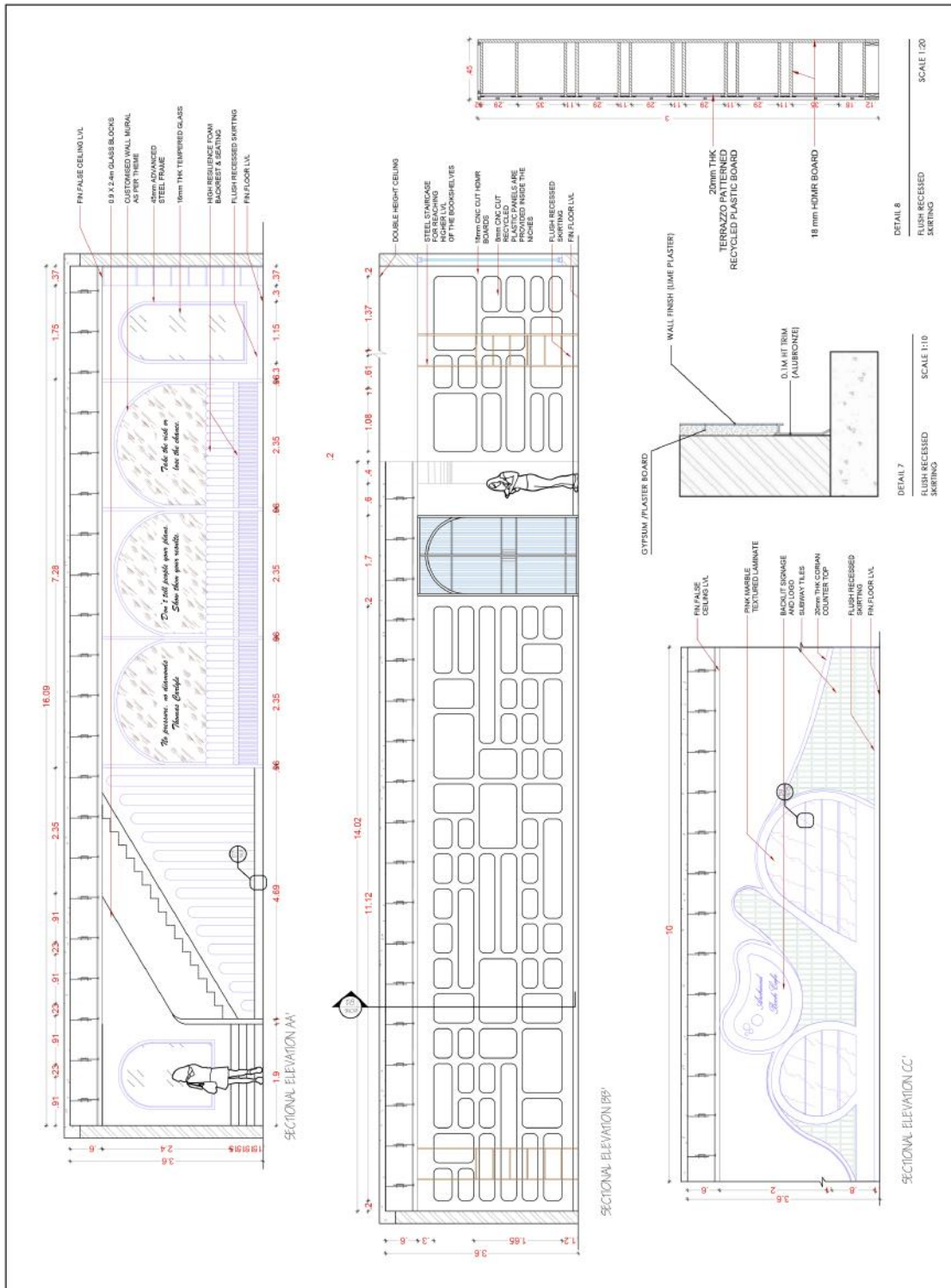
SECTIONAL ELEVATION DD

DOUBLE DOOR SYSTEM
SCALE 1:20

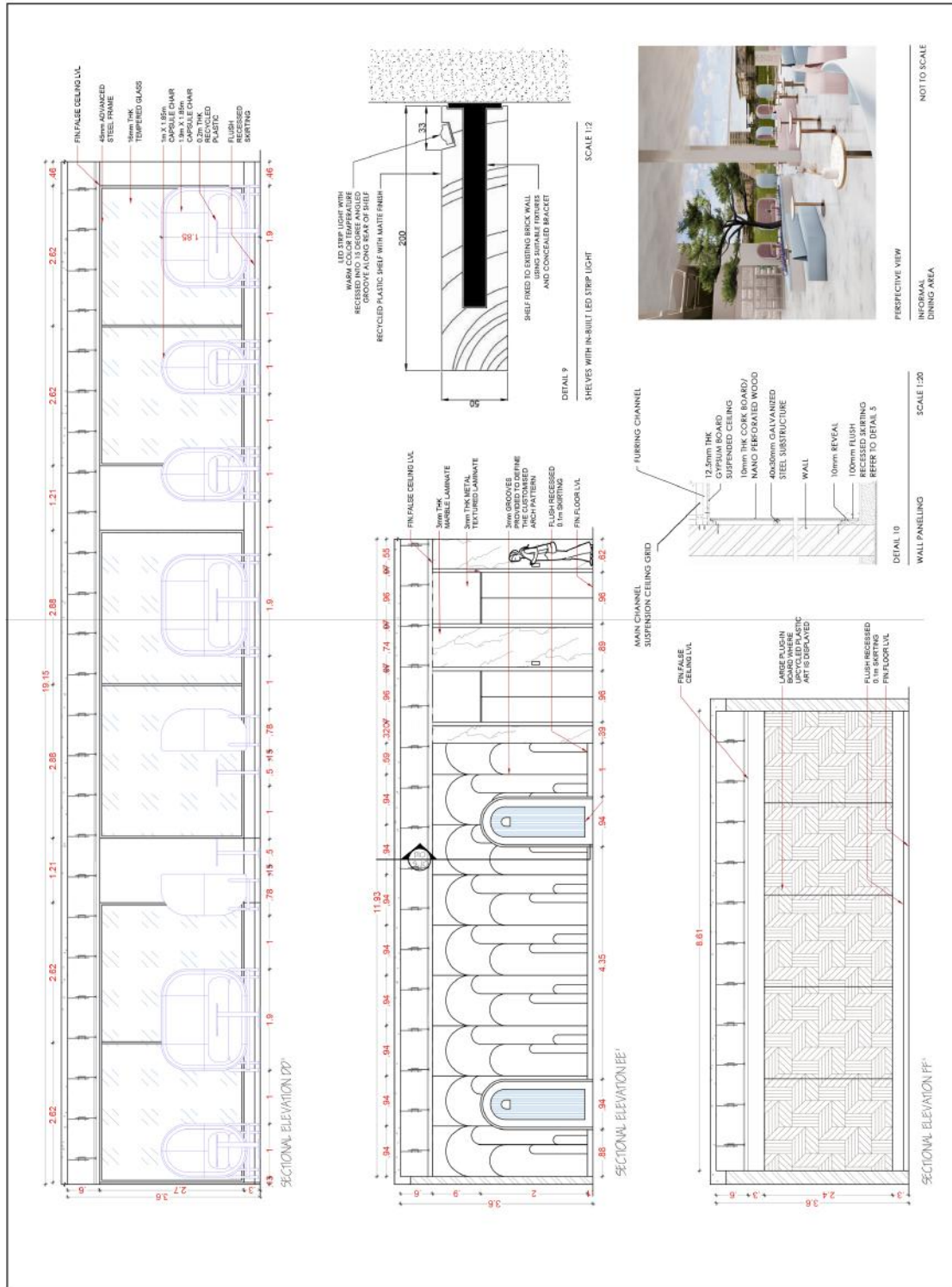
PERSPECTIVE VIEW
TOWARDS THE CLOAK AREA

NOT TO SCALE

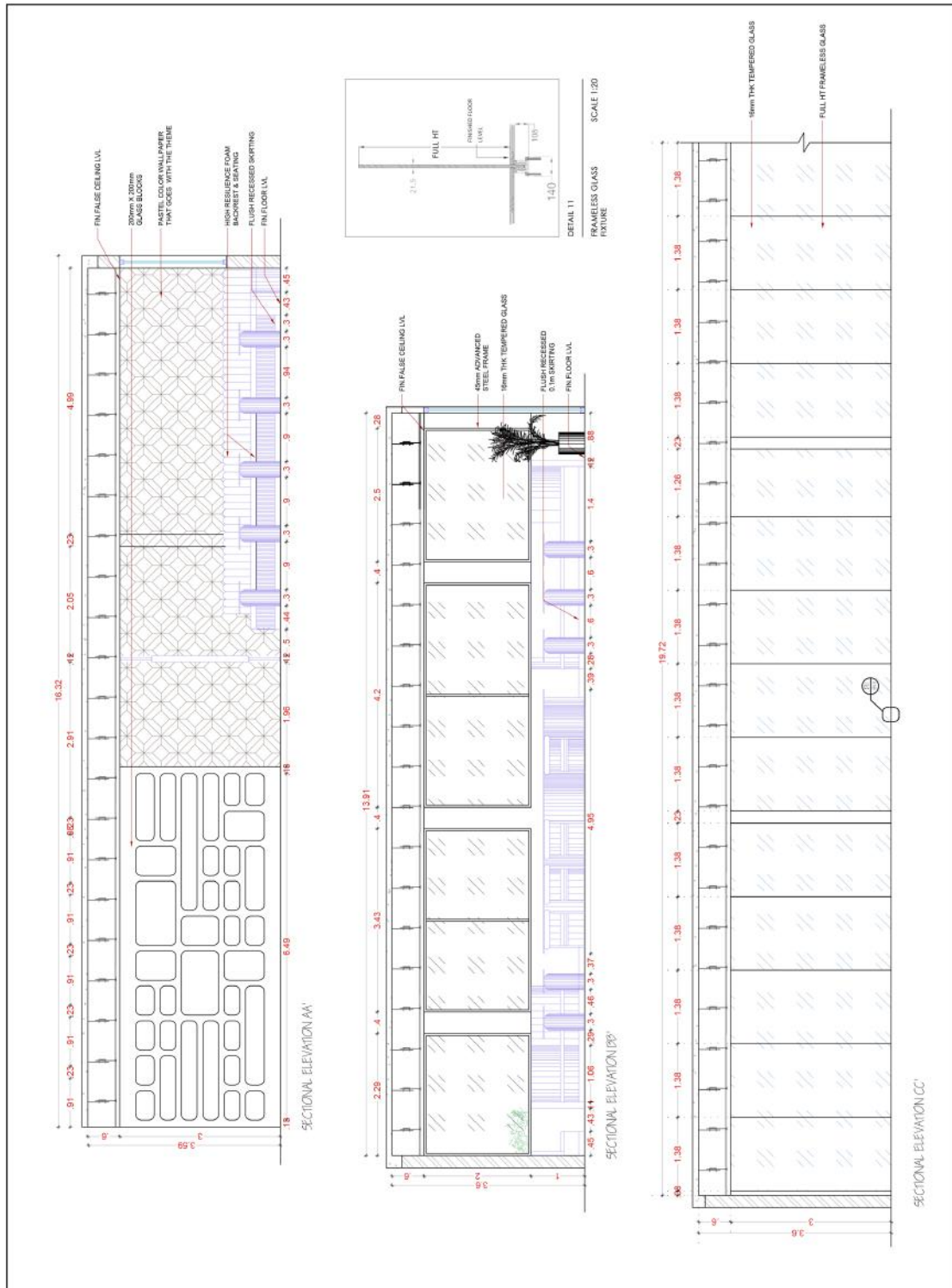
KEY PLAN	PART PLAN :	NOTE: ALL DIMENSIONS ARE IN METERS. ALL DIMENSIONS TO BE CHKD. AT SITE. DO NOT SCALE THE DRAWING IN THE EVENT OF ANY DISCREPANCIES OR DIFFERENCES BETWEEN ARCHITECT DRAWINGS/ INTERIOR DRAWING WITH THE SITE CONDITIONS, IMMEDIATE REFERENCE IS TO BE MADE TO THE ARCHITECT OR INTERIORS DESIGNER PRIOR TO THE EXECUTION OF WORK AT THE SITE.	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY	<u>PROJECT:</u> ARCHIVED BOOK CAFE NEAR THE ENTRANCE OF SATHYABAMA	DRAWN BY: ANALAJASMIN S	REG NO: 40102021	BATCH: 2020 - 2024	PROJECT: CAPSTONE PROJECT	SCALE: 1:50	GUIDE: AR DEEPAKASHMI	APPROVED BY: AR DEEPAKASHMI	DATE ISSUED: 19.04.2024	<u>DRAWING TITLE:</u> GROUND FLOOR DINING ELEVATION 1/100 & 1/50	<u>DRAWING NUMBER:</u>
					DRAWN BY: ANALAJASMIN S	REG NO: 40102021	BATCH: 2020 - 2024	PROJECT: CAPSTONE PROJECT	SCALE: 1:50	GUIDE: AR DEEPAKASHMI	APPROVED BY: AR DEEPAKASHMI	DATE ISSUED: 19.04.2024		



KEY PLAN		
NOTE: ALL DIMENSIONS ARE IN METERS. ALL DIMENSIONS TO BE CHKD. AT SITE. DO NOT SCALE THE DRAWING. IN THE EVENT OF ANY DISCREPANCIES OR DIFFERENCES BETWEEN ARCHITECT DRAWINGS/INTERIORS DRAWING WITH THE SITE CONDITIONS, IMMEDIATE REFERENCE IS TO BE MADE TO THE ARCHITECT OR INTERIORS DESIGNER PRIOR TO THE EXECUTION OF WORK AT THE SITE.		
SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY		
PROJECT: ARCHIVED BOOK CAFE NEAR THE ENTRANCE OF SATHYABAMA		
DRAWN BY:	AMALAJASMIN S	
REG NO:	40/020001	
BATCH:	2020 - 2024	
PROJECT:	CAPSTONE PROJECT	
SCALE:	1:50	
GUIDE:	AR DEEPAKASHMI	
APPROVED BY:	AR DEEPAKASHMI	
DATE ISSUED:	19.04.2024	
DRAWING TITLE:	GROUND FLOOR DINING ELEVATION OF 6E & 9F	
DRAWING NUMBER:		



KEY PLAN FIRST FLOOR	PART PLAN : FIRST FLOOR	NOTE ALL DIMENSIONS ARE IN METERS. ALL DIMENSIONS TO BE CHD. AT SITE. DO NOT SCALE THE DRAWING	IN THE EVENT OF ANY DISCREPANCIES OR DIFFERENCES BETWEEN ARCHITECT DRAWINGS/ INTERIORS DRAWING WITH THE SITE CONDITIONS, IMMEDIATE REFERENCE IS TO BE MADE TO THE ARCHITECT OR INTERIORS DESIGNER PRIOR TO THE EXECUTION OF WORK AT THE SITE.	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY	<u>PROJECT:</u> ARCHIVED BOOK CAFE NEAR THE ENTRANCE OF SATHYABAMA	DRAWN BY: AMALAJASMIN S	REG. NO: 40102001	BATCH: 2020 - 2024	PROJECT: CAPSTONE PROJECT	SCALE: 1:50	GUIDE: AR DEEPAKASHMI	APPROVED BY: AR DEEPAKASHMI	DATE ISSUED: 20.04.2024	DRAWING TITLE: FIRST FLOOR DINING ELEVATION A/B/F & C/2	DRAWING NUMBER:
						DATE: 20.04.2024									

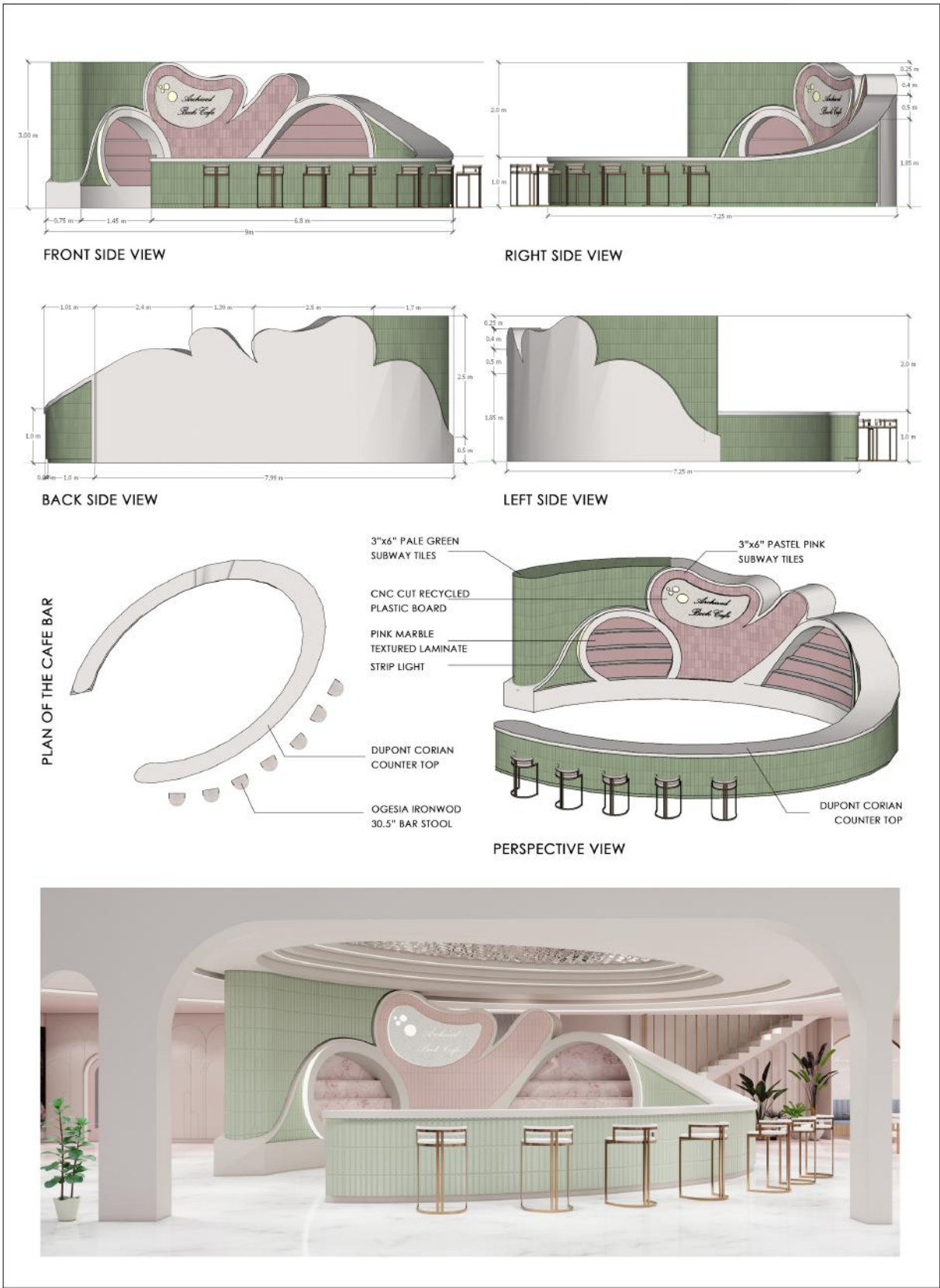


KEY PLAN FIRST FLOOR	PART PLAN : FIRST FLOOR	NOTE. ALL DIMENSIONS ARE IN METERS. ALL DIMENSIONS TO BE CHKD. AT SITE. DO NOT SCALE THE DRAWING IN THE EVENT OF ANY DISCREPANCIES OR DIFFERENCES BETWEEN ARCHITECT DRAWINGS/ INTERIORS DRAWING WITH THE SITE CONDITIONS, IMMEDIATE REFERENCE IS TO BE MADE TO THE ARCHITECT OR INTERIORS DESIGNER PRIOR TO THE EXECUTION OF WORK AT THE SITE.	SATHYABAMA INSTITUTE OF SCIENCE AND TECHNOLOGY	<u>PROJECT:</u> ARCHIVED BOOK CAFE NEAR THE ENTRANCE OF SATHYABAMA	DRAWN BY: AMALAJASMIN S	REG. NO: 40102001	BATCH: 2020 - 2024	PROJECT: CAPSTONE PROJECT	SCALE: 1:50	GUIDE: AR DEEPAALAKSHMI	APPROVED BY: AR DEEPAALAKSHMI	DATE ISSUED: 20 04 2024	<u>DRAWING TITLE:</u> FIRST FLOOR DINING ELEVATION BY: A & CC	DRAWING NUMBER:

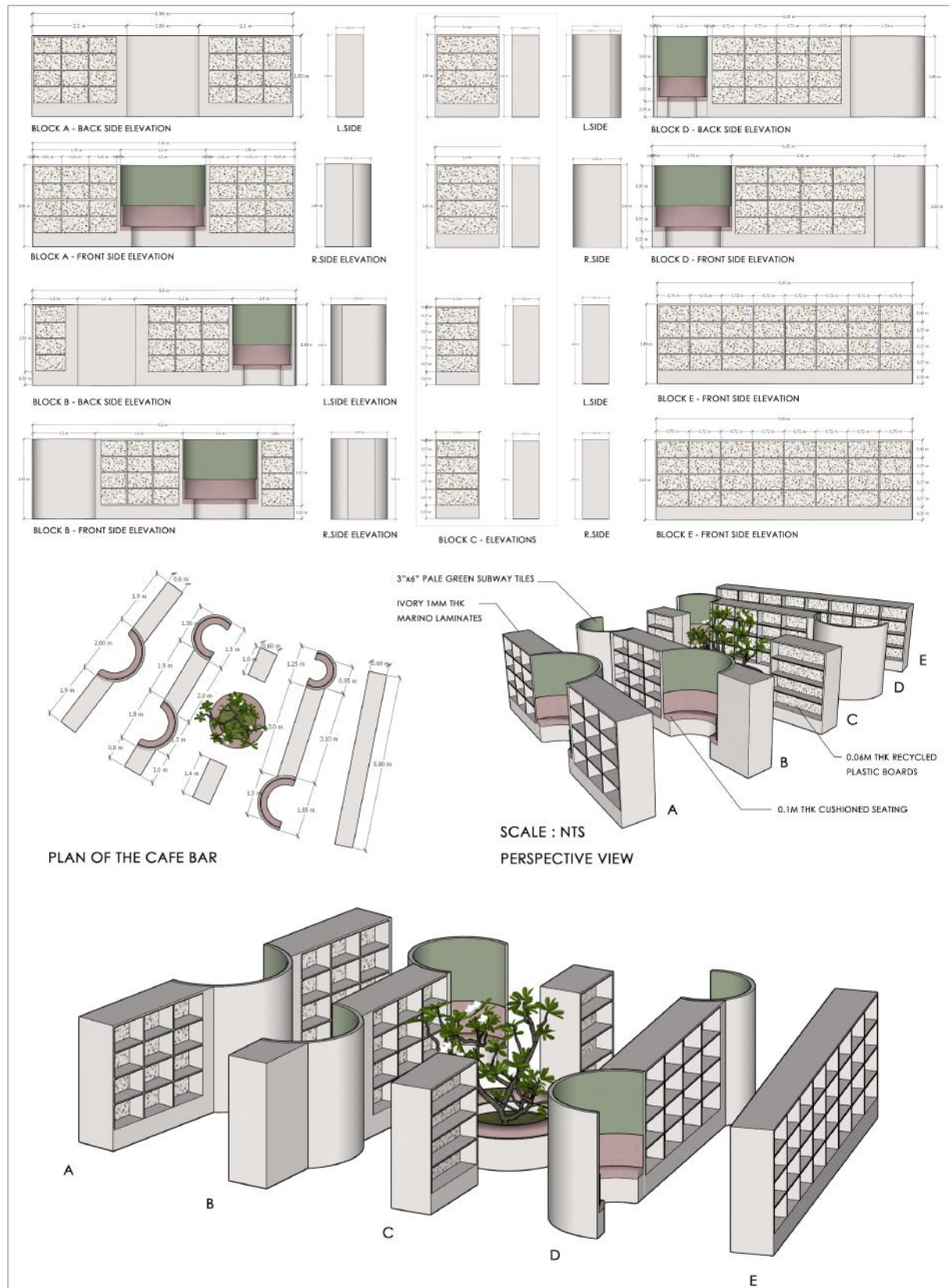
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FURNITURE DESIGN

8.1 CAFE BAR



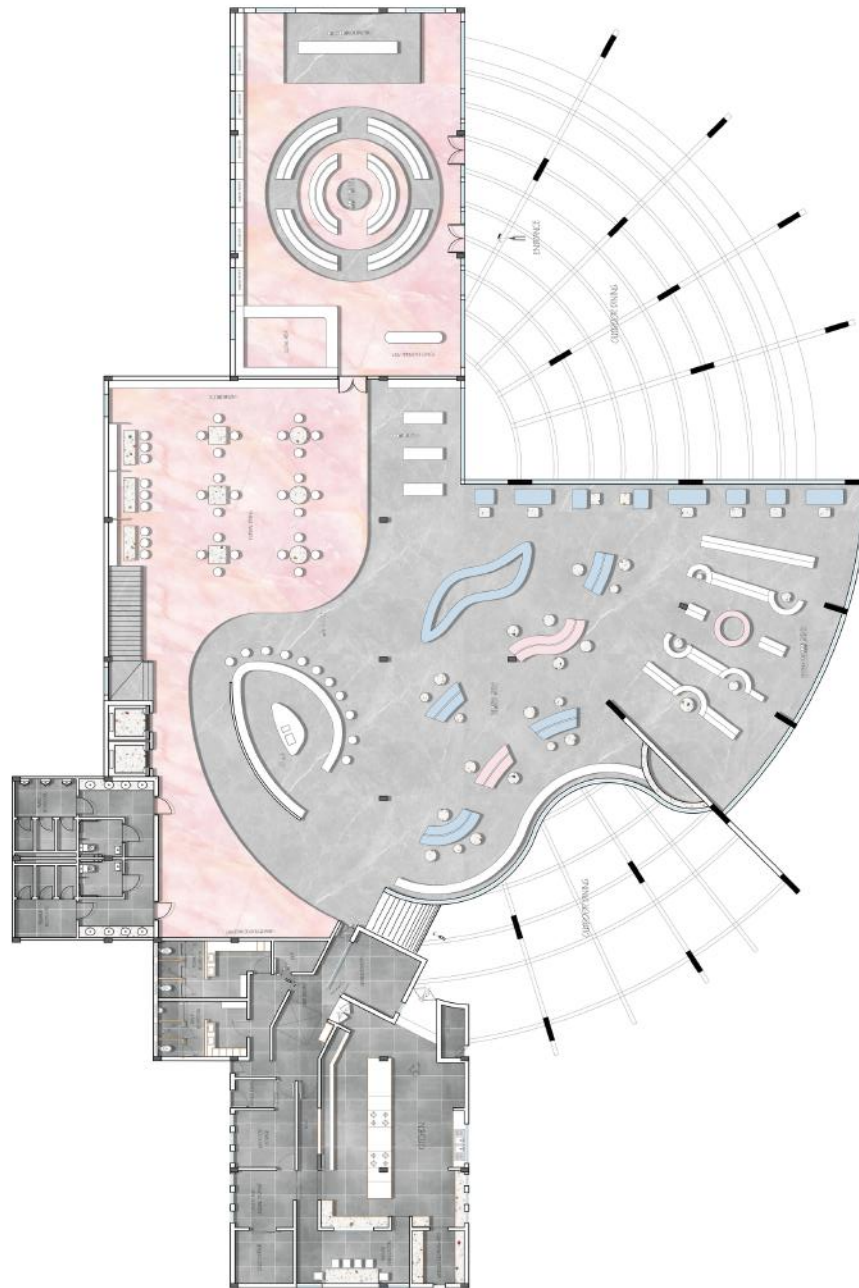
8.2 SEATING CUM SHELVING



FINAL PRESENTATION SHEETS

9.1 GF - RENDERED PLAN

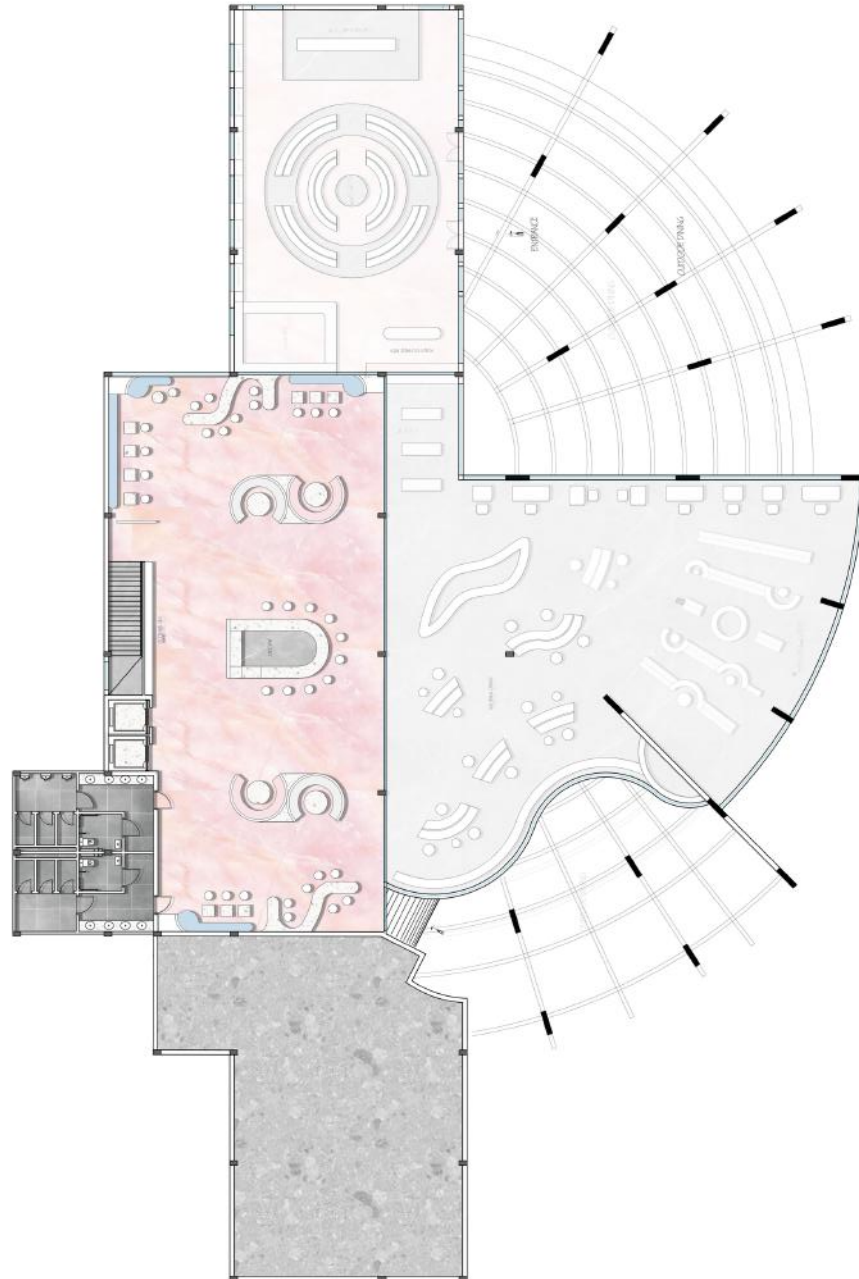
RENDERED PLAN OF THE ARCHIVED BOOK CAFE



GROUND FLOOR PLAN
SCALE - 1:150

9.2 FF - RENDERED PLAN

RENDERED PLAN OF THE ARCHIVED BOOK CAFE



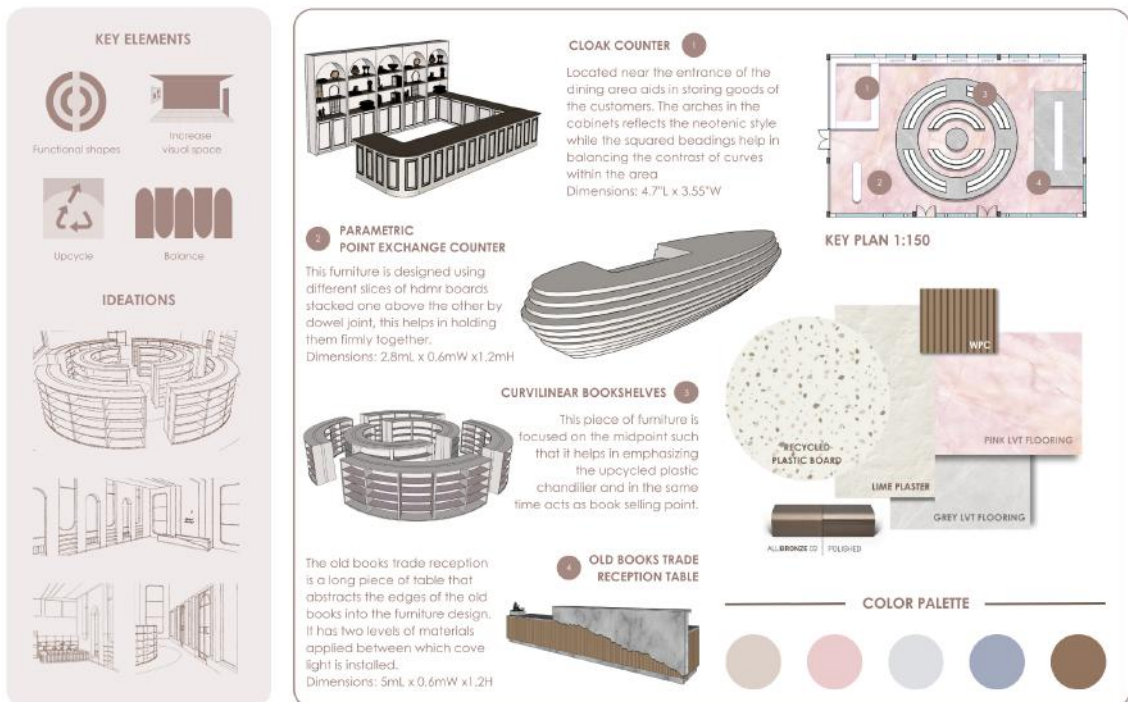
FIRST FLOOR PLAN
SCALE - 1:150

9.3 POINT OF SALES AREA

Presentation sheet

ENTRANCE - RECEPTION LOBBY

DEPARTMENT OF ARCHITECTURE
SATHYABAMA
INSTITUTE OF SCIENCE & TECHNOLOGY

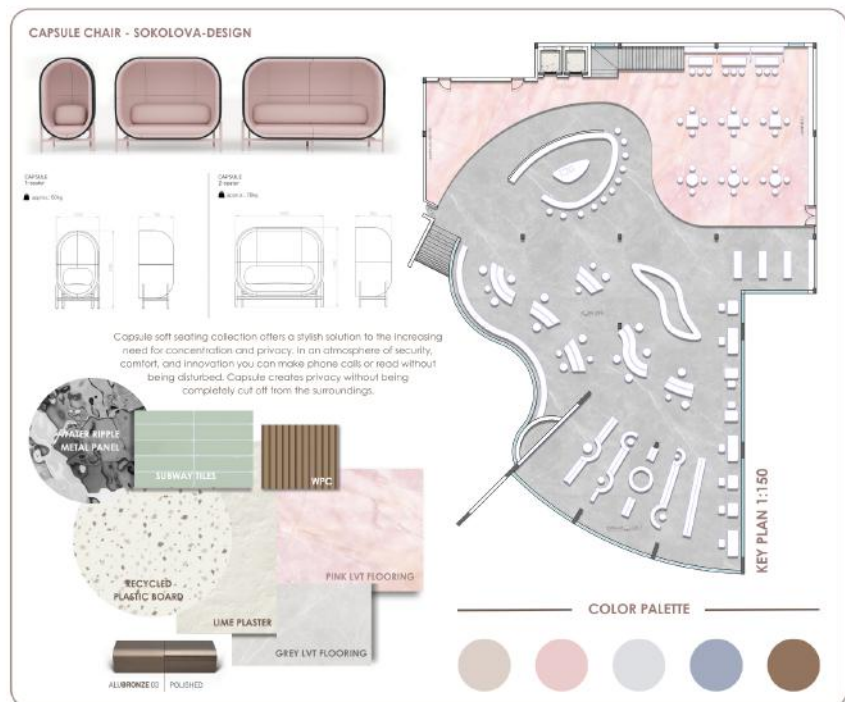
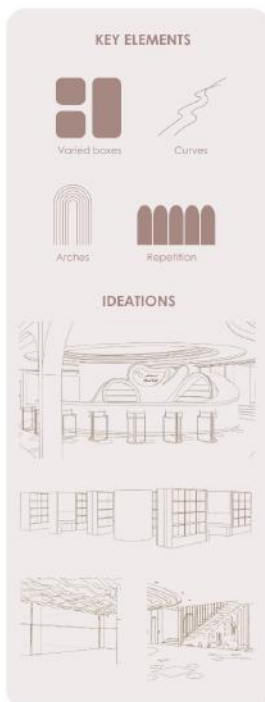


9.4 MAIN DINING SPACE

Presentation sheet

GROUND FLOOR BRASSERIE

DEPARTMENT OF ARCHITECTURE
SATHYABAMA
INSTITUTE OF SCIENCE & TECHNOLOGY



Amritha Jeyaraj

Reg.no 40182001

Semester 8

Batch 2020-2024

Capstone project - Book cafe

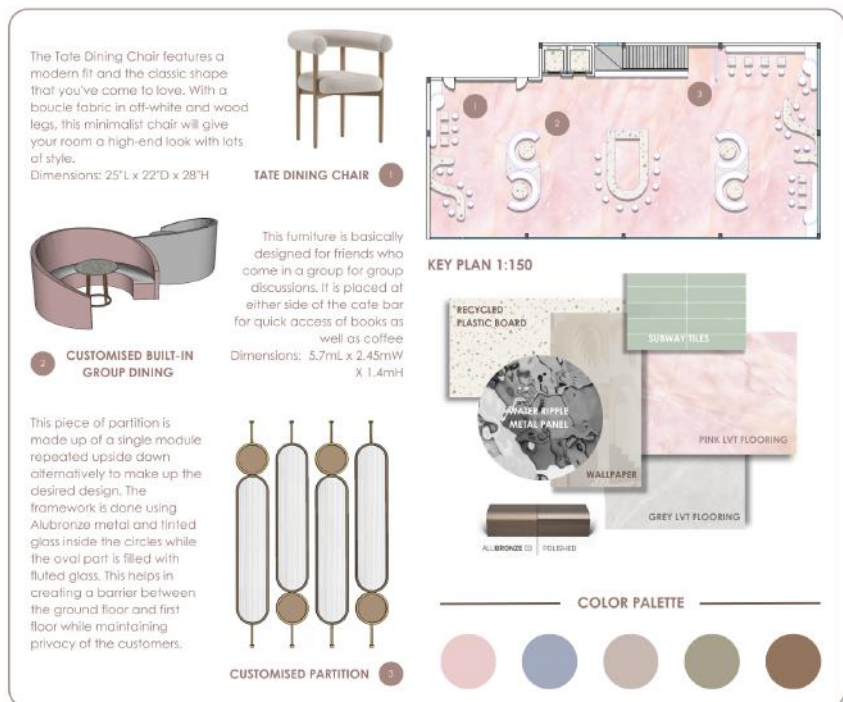
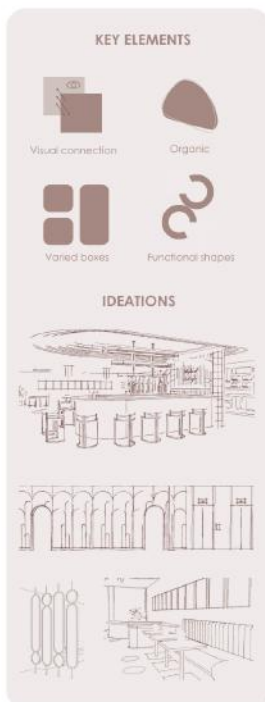
B.Des Interior design

9.5 EDUCATIONAL DINING SPACE

Presentation sheet

FIRST FLOOR BRASSERIE

DEPARTMENT OF ARCHITECTURE
SATHYABAMA
INSTITUTE OF SCIENCE & TECHNOLOGY



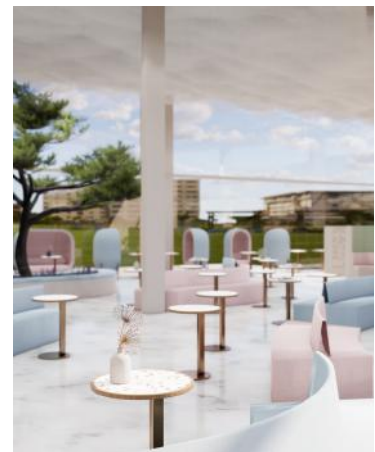
RENDERED VIEWS

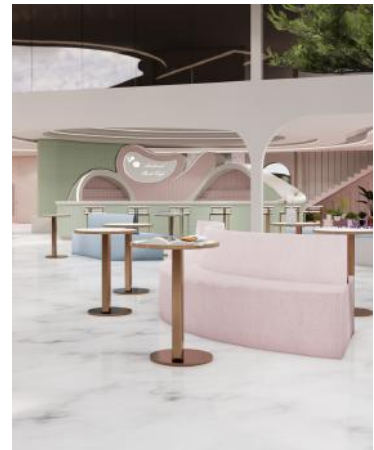




10.2 BRASSERIE DINING - GROUND FLOOR











11.0 REFERENCES

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<https://maps.app.goo.gl/PbWmaseZKLpkNccZ6>

<https://amjadsalloum.com/>