



MAMMALLAPURAM

--HOTEL TAMILNADU BEACH RESORT--



PROJECT OVERVIEW

PROJECT NAME : TTDC MAHABALIPURAM RESORT
LOCATION : Tamil Nadu Tourism Hotel Beach Resort, ECR, Mamallapuram, Tamil Nadu-603 104
CLIENT NAME : Tamil Nadu Tourism Development Corporation (TTDC), Government Tourism Agency established in July 1971 under the Tamil Nadu Government
DESIGN FIRM : * Master Planning & Development - INI-Design Studio + Jones Lang Lassalle
 * Ownership & Operations : TTDC
 * JLL worked in consortium with INI Design Studio . Appointed by the Minister of Tourism
PROJECT TIMELINE : STONE LAID BY CHIEF MINISTER THIRU K. KAMARAJ
 Mamallapuram Guest House originated with construction commencing on 5th June 1955
 * Became operational & functioning by the late 1950's (1958-1959)
 * Later officially managed and developed by TTDC.
PROJECT TYPE : State-run Beach Resort / Hotel with cottages (state-owned, mid-range, seaside property focused on tourism promotion)
AMENITIES : Sea-facing rooms, swimming pool, and a restaurant

DESIGN OBJECTIVES

Promote affordable tourism while respecting Mahabalipuram's heritage and environment.

CLIENT REQUIREMENTS & VISION

TTDC aims to provide a government-run, low-maintenance resort reflecting Tamil culture. Support mass tourism, group stays, and cultural activities efficiently.

FUNCTIONAL NEEDS

* Cottages * Reception * Restaurant
 * Recreation areas and Service zones.

Clear zoning and smooth circulation for guests and staff.

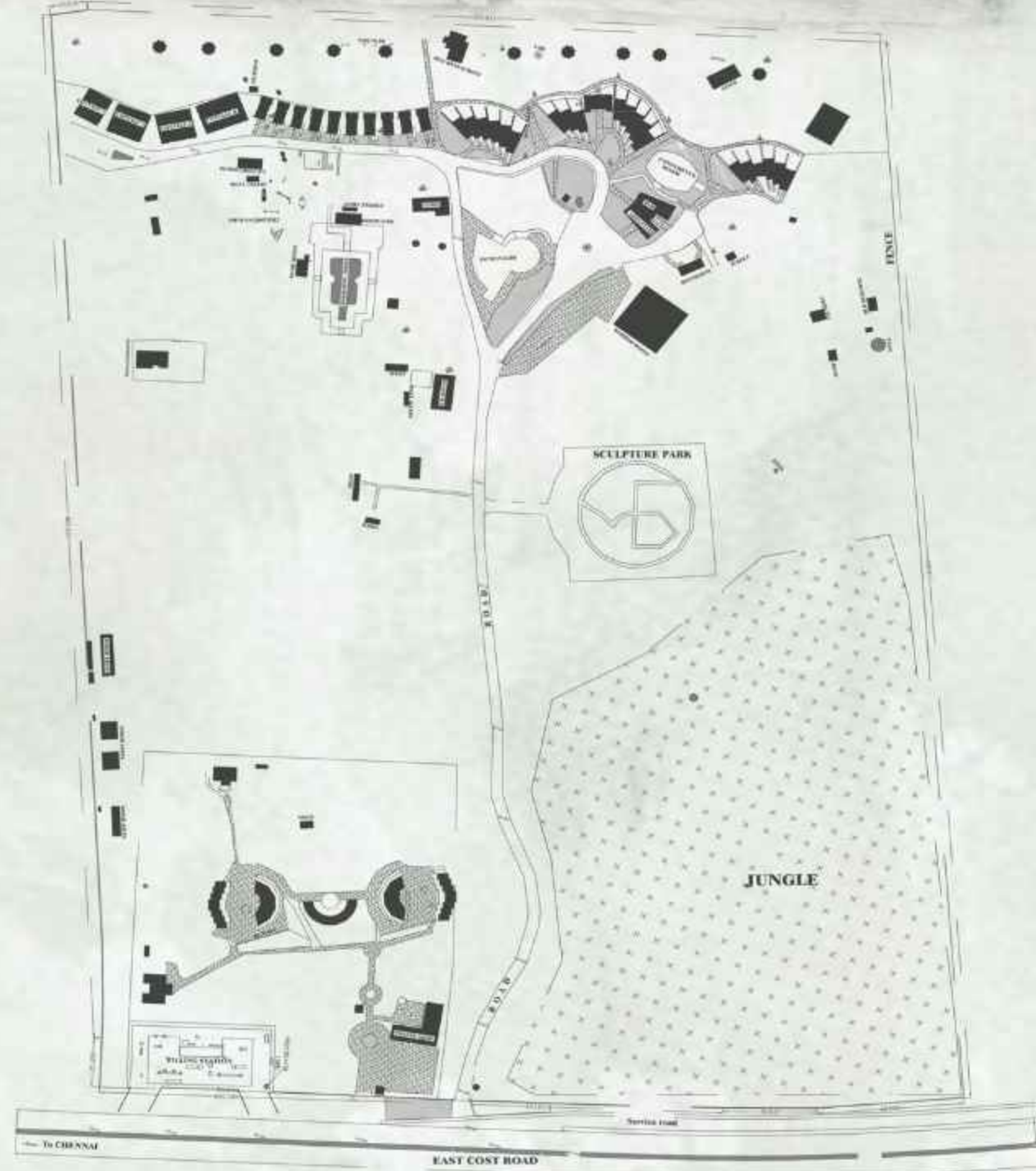
DESIGN PHILOSOPHY / THEME

"CONTEXTUAL COASTAL ARCHITECTURE ROOTED IN TAMIL HERITAGE"

Low-rise, climate-responsive buildings using passive cooling.

Forms and planning inspired by Pallava architecture and courtyard typology.

Landscape-led design with minimal disturbance to existing vegetation.



SITE ANALYSIS

SITE AREA & FOOTPRINT

Total Site Area: 41.88 acres

Orientation: Buildings oriented to capture sea breeze and natural daylight.

BUILT FOOTPRINT (Typical TTDC Resort Norms)

Permissible Built Footprint (≈20-25%) 34,000 - 42,000 sq.m

Open / Landscape Area (≈75-80%) 1,27,000 - 1,35,000 sq.m



SITE CONTEXT

URBAN / SUBURBAN SETTING

Located along the coastal edge of Mahabalipuram, within a suburban tourism zone surrounded by heritage landmarks and natural landscape.

CONNECTIVITY & ACCESSIBILITY

Direct access from East Coast Road (ECR).

Well connected to Chennai city, nearby tourist circuits, and local transport networks.

ENVIRONMENTAL CONDITIONS & CONTEXT

Coastal climate with high humidity, saline air, and strong sea breeze.

Sandy soil, dense vegetation, and proximity to the Bay of Bengal influence planning and material selection.



S TRENGTH
 Near beach and heritage site
 Low-rise, nature-friendly cottages
 Cultural identity with sculpture

W EAKNESS
 No lift or ramp
 External stairs exposed to weather
 Old building materials

O PPORTUNITIES
 Add universal accessibility
 Improve landscape and lighting
 Upgrade to eco cottages

T HREATS
 Coastal humidity damage
 Monsoon winds and storms
 Private resort competition

EXISTING MASTERPLAN (TTDC MAHABALIPURAM)

1. Block A - F (Cottages / Rooms)

ARRIVAL & PUBLIC FACILITIES

- Entrance / Entry Plaza
- Reception / Lobby
- Restaurant
- Kitchen (adjacent to restaurant)



RECEPTION

RECREATIONAL & LEISURE AREAS

- Swimming Pool
- Children's Play Area
- Sculpture Park
- Lawns / Green Areas
- Beachfront Open Space / Beach Edge
- Jungle / Natural Vegetation Zone



RESTAURANT

CIRCULATION & MOVEMENT

- Main Internal Road / Spine Road
- Secondary Pathways / Walkways
- Drop-off Areas
- Parking Area (near entrance zone)

SERVICE & SUPPORT AREAS

- Maintenance / Service Building
- Staff Quarters
- Utility / Back-of-House Areas

LANDSCAPE & NATURAL FEATURES

- Landscaped Gardens
- Tree Clusters / Plantation Zones
- Buffer Green Areas



GUEST ROOMS

EXTERNAL CONTEXT

- Public Road (South side)
- Beach / Sea (North side)



BEACHFRONT ACCOMODATION BLOCK



CAFETERIA

SPACE PLANNING & ZONING



Reception Area – Entry point that welcomes guests and controls resort circulation.



Restaurant - Dining space with open views, natural light, easy access from lobby.



Sculptural Park - Outdoor landscape with art installations for leisure and visual interest.



Sports Court / Activity Area - Outdoor recreational zone for physical activities and games.



Cottage Blocks - Landscaped open space with sculpture acting as a visual focal point.



Cottage Cluster View - Linear arrangement of cottages. Ensuring privacy and garden setbacks.



Barrier-Free Guest Room - Ground-level accommodation with ramp designed for elderly & differently-abled guests.



Cafeteria – Informal dining space integrated with landscape



Tree-lined Road – Shaded internal road for smooth circulation



Children's Park – Safe outdoor play area for children



Poompohar Shop – Retail space for local arts and handicrafts



Open-Air Stage Seating – Stepped seating for cultural programs and events



Swimming Pool – Landscaped recreational swimming facility for guest



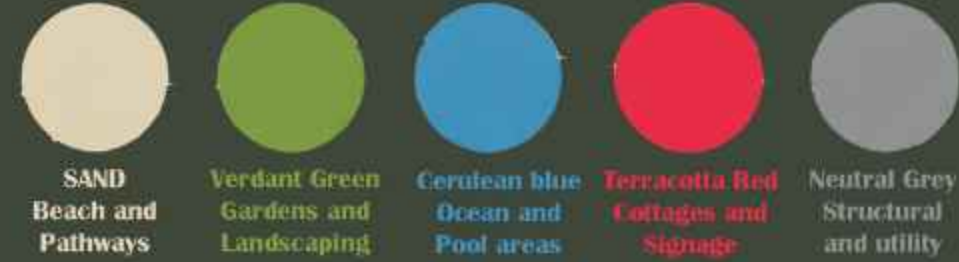
Entrance Swimming Pool – Water feature and leisure space near reception

BRANDING AND MERCHANDISING

- * Strong identity created through TTDC and Tamil Nadu Tourism branding.
- * Clear entry signage and internal wayfinding system for visitor guidance.
- * Site maps and directional boards improve legibility and circulation.
- * Local culture reflected through graphics, sculptures, and visual elements.
- * Poompohar handicraft shop promotes regional art and local economy.



COLOUR SCHEME



MATERIALS & FINISHES

CHOICE OF MATERIALS & REASONING

NATURAL STONE (granite / sandstone / laterite-finish tiles) is used for flooring and landscape edges because it reflects the region's stone-carving heritage and is highly durable.

WOOD AND WOOD-FINISH MATERIALS are used in furniture, wall panels, and ceilings to create a warm, resort-like ambience.

NEUTRAL AND EARTHY COLOUR PALETTES are chosen to blend with the beach environment and reduce visual fatigue.

MATTE AND TEXTURED FINISHES are preferred over glossy finishes to avoid glare and wear.

SUSTAINABILITY & DURABILITY

Materials are chosen for long life, easy maintenance, and resistance to salt air corrosion. Preference for low-VOC paints, natural finishes, a recyclable materials to improve indoor air quality. Stone and wood finishes age naturally, enhancing the timeless character of the resort.

ACOUSTIC & THERMAL COMFORT

- * Thick masonry walls and stone flooring help reduce external noise and heat gain.
- * Curtains, upholstered furniture, and wooden panels improve sound absorption in rooms.
- * Light-coloured surfaces and ventilated spaces reduce heat absorption, improving thermal comfort
- * Ceiling heights & shaded verandas assist in maintaining a cool indoor environment.

SERVICES

MEP (Mechanical, Electrical & Plumbing) Electrical systems support lighting, power supply, and safety systems. Plumbing ensures efficient water supply, drainage, and hot water. Mechanical systems provide ventilation and thermal comfort. Service cores are planned to allow smooth movement and easy maintenance. Cores include stairs, service shafts, and utility spaces.

DUCTS & SHAFTS

Ducts and pipes are hidden within walls and ceilings to maintain clean interiors. Vertical shafts allow easy maintenance and efficient service distribution.

FURNITURE & ERGONOMICS

FURNITURE LAYOUT & TYPE

Furniture is arranged to ensure easy movement and comfortable use. Layout supports relaxation and functional use in guest rooms. Ergonomic Considerations Furniture sizes are chosen for comfortable seating, sleeping, and working. Design considers elderly guests and long-stay users. Custom vs. Modular Furniture Custom furniture adds local identity and uniqueness. Modular furniture allows flexibility and easy replacement.

LIGHTING DESIGN

Natural & Artificial Lighting Maximum use of natural daylight through windows and verandas. Task lighting for reading, dressing, and working. Accent lighting to highlight walls, art, and features. Energy Efficiency Use of LED and energy-efficient lighting. Natural light reduces power usage during daytime.



RESORT ROOM INTERIOR



FACILITIES & COMMON AREAS



SCULPTURE & HANDMADE CRAFTS

Sculptural elements at the resort draw inspiration from Mamallapuram's UNESCO World Heritage heritage, reflecting Pallava-era rock-cut art and reliefs that shaped South India architecture. Sculptures serve as visual focal points, cultural markers, and photo attraction spots that connect the resort experience with local history. Handmade crafts and decorative hangings showcase local artisan traditions - especially stone carving, wooden and metal crafts rooted in centuries-old techniques. These arts support local craftsmen and heritage skills, turning the resort into a venue that celebrates and sustains living culture.



Le Pondy

-BEACH AND LAKE RESORT-



PROJECT OVERVIEW

Architect/Firm: Developed and designed by the Joys Resorts and Hotels group (formerly the Deedi Group).

Architecture Style: A use of **Indo-French style**, with the influence of Chettinad architecture.

Constructed/Opened: 2010.

Last Renovated: 2012.

Location : Lake view road, Nallavadu post, Pudukuppam, Pondicherry.

Site approach : Lake view road

Site area : 14.5 acres

This 4 star beach resort has an Admin block, Parking, Ayurvedic massage center, Reception, Gym, Souvenir shop, Board rooms, Conference rooms, Restaurant SMAAK, bars, 17 Swimming Pools (1 common, 16 private), a private access to the beach (paradise beach) and massive lawns/landscape spread out all over the site.

MASTERPLAN

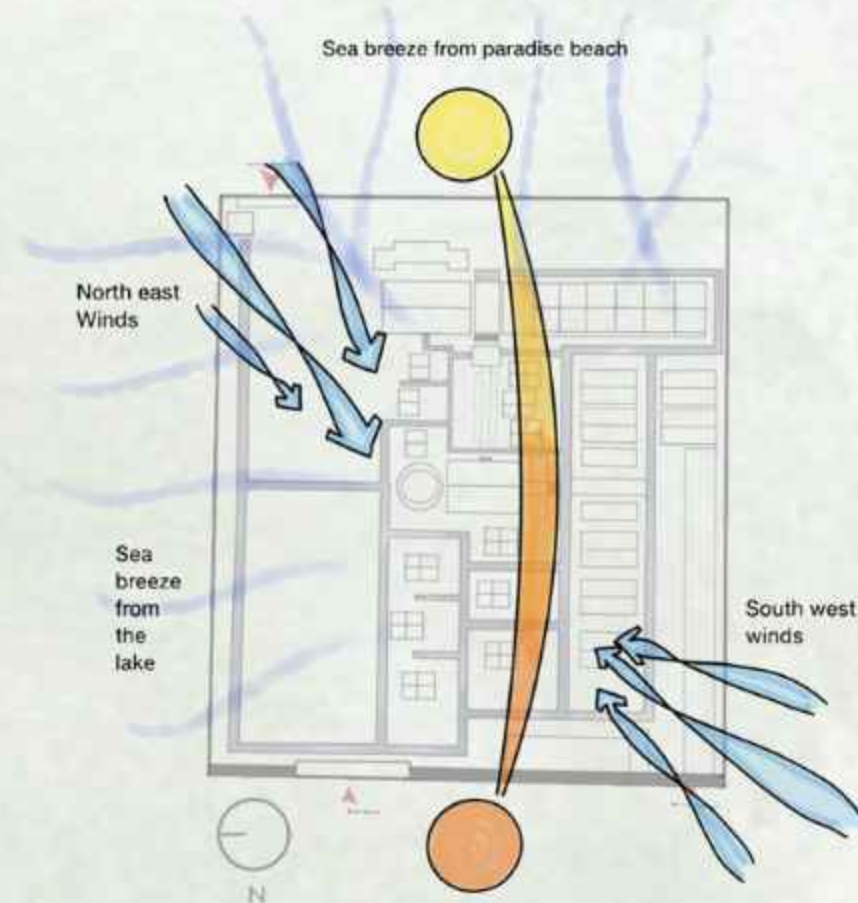


The resort has about 70 rooms in total which is divided into 4 categories:

- Lake facing villa -42 rooms in total, 4 per villa.
- Sea facing villa - (deluxe rooms) 12 in total.
- Luxury villa - 8 in total. Private villas with a pool.
- Presidential villa - 8 in total. Private villas with a pool and a living room



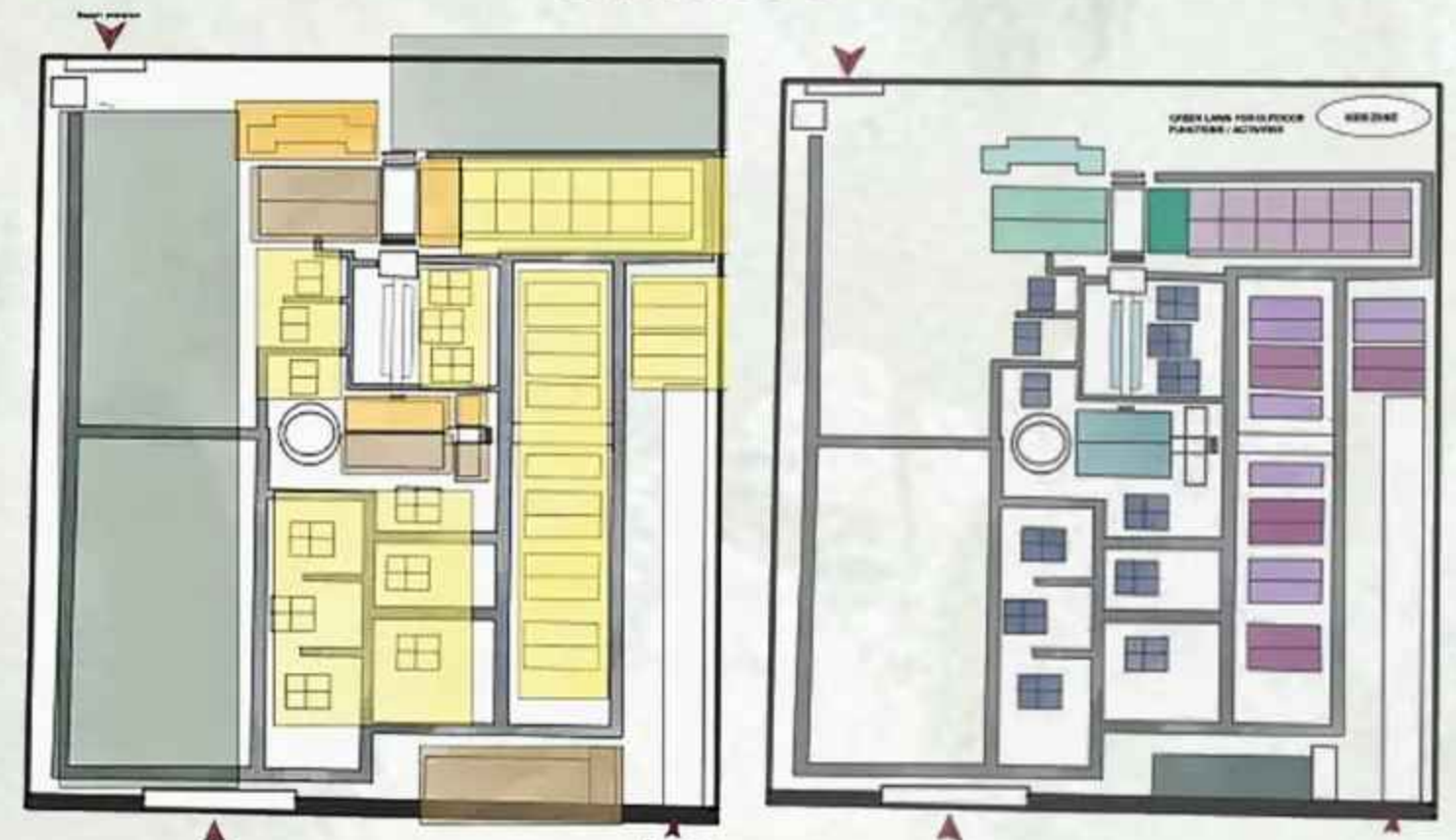
SITE ANALYSIS



Pondicherry has tropical Hot and Humid climate.
October - november : monsoon season



ZONING



- Private
- Semi Public
- Public
- Open Areas
- Lake View
- Sea View
- Luxury pool Villa
- Presidential Pool Villa
- Ayurveda/Spa
- Reception/2 Board Rooms
- Bar & Restaurant
- Banquet

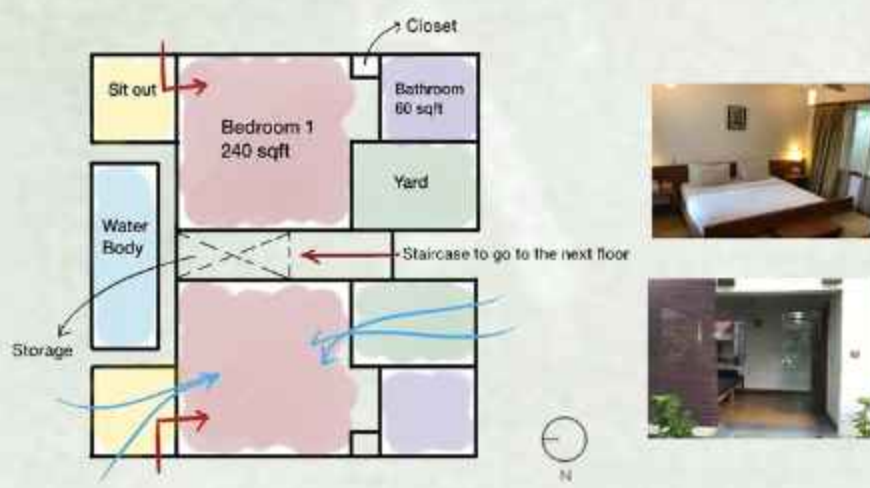
- The pathways as seen in the pictures have an interlocking concrete blocks.
- The either side of the pathways have plants and trees to provide shade.
- These pathways are around 2.5 to 3 m wide .
- There are 3 entrances , main entrance and back entrance on the west & the beach entrance on the east

ARCHITECTURAL STYLE

The entire resort is a mix of chettinad / kerala style and french architecture . It's a mix of vernacular and western architecture .

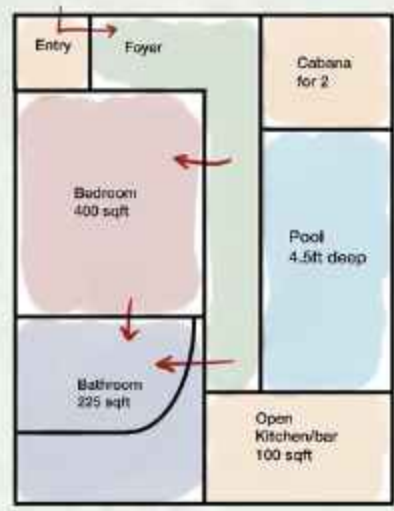
The stone columns are of a tuscan order. The roof is a complete vernacular form where they've used locally available wooden purlins, mangalore tiles and sloped roofs . They have a courtyard space concept which is seen a lot in chettinad style houses.

There are arches at the entrance and surround the admin block



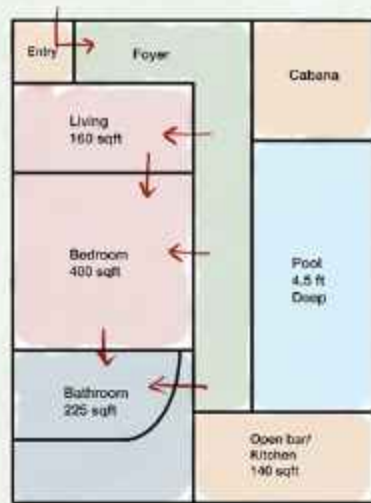
LAKE FACING

- These are standard g+1 rooms .
- Bedroom area : 240 sq.ft
- Bathroom area : 60 sq.ft
- Sit out area : 110 sq.ft
- These are air conditioned rooms. The sit out is well shaded using bamboo curtains.
- There is a small pantry space under the stairs for the staffs easy accessibility to the 1st floor without interrupting the guests.
- They have a lake view and grass courtyard around for kids to play .



LUXURY POOL VILLA

- Bedroom area : 400 sq.ft
- Sit out area : 150 sq.ft
- Bathroom area : 225 sq.ft
- Kitchen/Bar : 100 sq.ft
- Pool area : 6.25 m * 2.6 m * 1.35 m
- These private villas have the thatched roofs with matt covering .
- The bedrooms are larger and spacious.
- The bathroom has an open shower is connected to the pool area to avoid wet rooms after showers .
- These villas permit 2 people only .
- There are stone columns throughout .



PRESIDENTIAL POOL VILLA

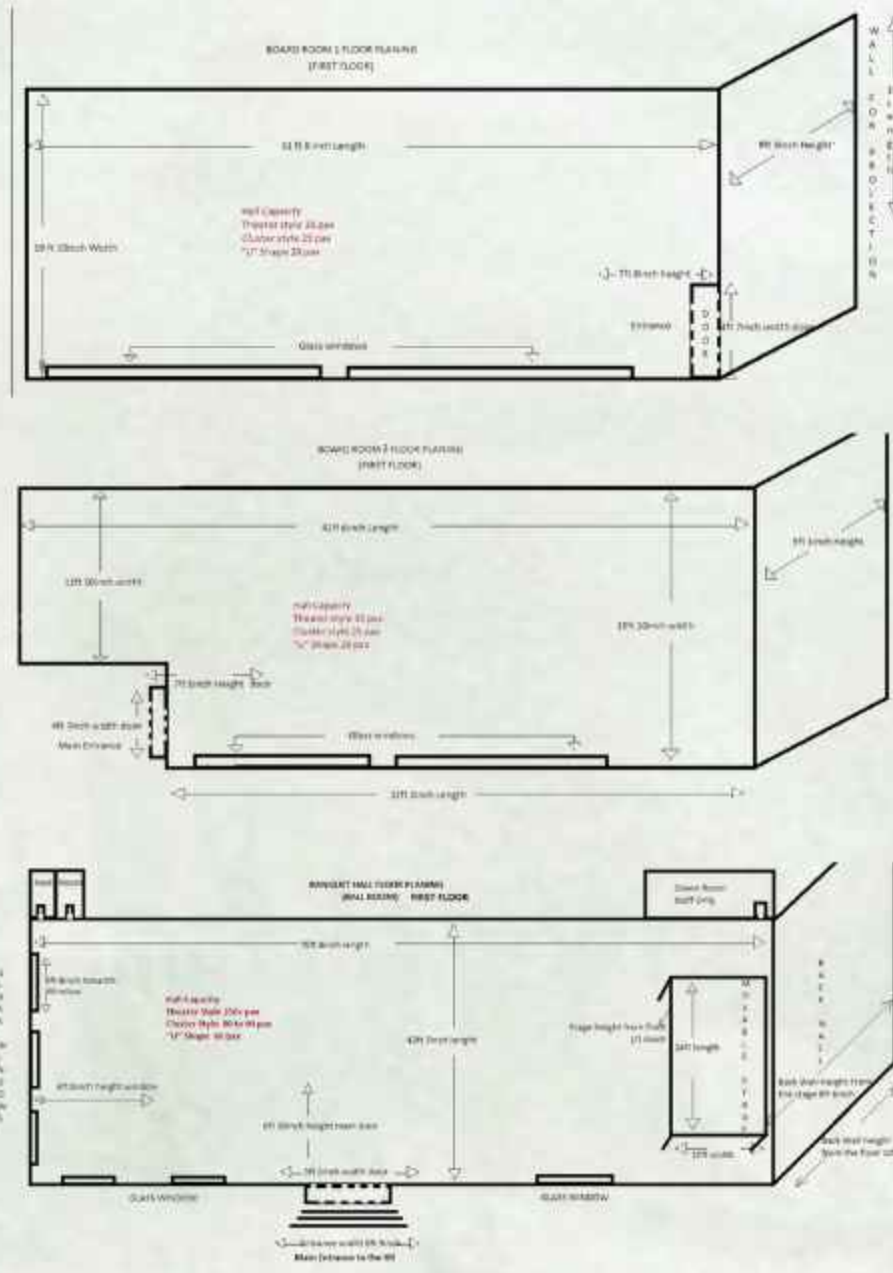
- Bedroom area : 265 sq.ft
- Living room area : 160 sq.ft
- Sit out area : 185 sq.ft
- Bathroom area : 225 sq.ft
- Kitchen/Bar : 140 sq.ft
- Pool area : 6.85 m * 2.55 m * 1.35 m
- These are more spacious and luxurious .
- There is an extra room added ie is the living room.
- These have thatched roof covered with matt too like the pool villas



CONFERENCE ROOMS:

The perfect place to host corporate outings, wedding functions & informal get - togethers. Surrounded by natural beauty, engage in water sports, sight-seeing and other entertaining choices.

- 350 pax Conference and Banquet Hall.
- 60 pax Boardroom.
- Large Poolside Party Area



BRAND IDENTITY



The only resort where history meets future

Logo Design Elements

The Script : The primary "Le Pondy" logo uses a flowing, handwritten script in a deep blue color. This choice evokes a sense of personal hospitality and elegance, mimicking a high-end signature.

Color Palette: The use of blue traditionally symbolizes the resort's unique position between the Chunnambar River and the Bay of Bengal.

Tagline: The slogan, "The only resort where history meets future," is a core part of its visual identity. It refers to the fusion of Pondicherry's ancient and colonial past with the modern luxury and "free spirit" of the current destination

Brand Identity & Philosophy

Cultural Fusion: The brand emphasizes a "French taste" to honor the region's colonial history. This is reflected not just in the name but in the resort's architecture, which mixes French colonial elements (like iconic white pillars and arches) with traditional Chettinad and Kerala styles.



Conference rooms:



AMENITIES



ACTIVITY ZONE



In House Facilities (Complimentary):

- Internet
- Health Club
- Hair Dryer
- Dental Kit
- Bathroom Amenities
- Beach Facilities
- Games Room
- Tea/Coffee supplies with Kettle
- Kid's Playstation
- House transpor
- Safe Locker Facility
- Swimming Pool
- Shaving Kit
- shoe Shine
- Iron & Ironing board (On request)
- Library
- Outdoor Games
- Doctor On Call
- Buggy (ELECTRONIC CAR) - In

INFERENCE AND ANALYSIS

The resort is thoughtfully designed and well maintained, offering stunning natural views and a peaceful atmosphere. It blends traditional and modern architecture in a way that feels effortless.

Ventilation is smartly planned for comfort, and the use of locally sourced materials makes it a sustainable, eco-friendly getaway

Merits:

- The place gives a sense of calmness and peace.
- The vegetation is well retained
- There are ample open spaces and courtyards for ventilation.
- The place has man made pools and ponds to create a cool environment.
- They have a private beach, this allows the guest tenjoy without and interference from the public.
- The rooms and villas are well shade using overhangs and trees
- The resort is spacious and lets the wind flow around
- Privacy of the guest is well maintained

Demerits



- The admin office is in the centre and not at the resort entrance. This might be disadvantageous as the guests have to walk all the way after a long journey to check in.
- The parking is outside the compound
- The resort is in a isolated location, this causes a difficulty in catching cabs or autos for the guests.
- There is no provision made in the villas to keep the birds, mosquitoes or insects from going in. Some guests may notbe okay with it.
- Ramps aren't provided



COMPARITIVE ANALYSIS

(LIVE STUDY STUDY - NET CASE STUDY)



CRITERION	TTDC BEACH RESORT	LE PONDY - BEACH & LAKE RESORT
ACCOMODATION PLANNING	<ul style="list-style-type: none"> Restaurant Sculptural Park Sports Court / Activity Area Cottage Blocks Cottage Cluster View Barrier-Free Guest Room Cafeteria Tree-lined Road Children's Park Poompuhar Shop Open-Air Stage Seating Swimming Pool Entrance Swimming Pool 	 <ul style="list-style-type: none"> <li style="width: 33%;">● Private <li style="width: 33%;">● Lake View <li style="width: 33%;">● Ayurveda/Spa <li style="width: 33%;">● Semi Public <li style="width: 33%;">● Sea View <li style="width: 33%;">● Reception/2 Board Rooms <li style="width: 33%;">● Public <li style="width: 33%;">● Luxury pool Villa <li style="width: 33%;">● Bar & Restaurant <li style="width: 33%;">● Open Areas <li style="width: 33%;">● Presidential Pool Villa <li style="width: 33%;">● Banquet
TPOLOGY	<p>Government-run resorts like TTDC focus on accessibility and utility, prioritizing durable, low-maintenance materials like granite and stone to serve the public at scale.</p>	<p>Private resorts like Le Pondy prioritize experience and exclusivity, using specialized materials like thatch and Mangalore tiles to create a themed "lifestyle" environment</p>
SPATIAL EXPERIENCE	<p>TTDC focuses on collective, group-friendly layouts with linear planning.</p>	<p>Le Pondy emphasizes privacy and exclusivity, featuring individual villas and a strong indoor-outdoor connection through private pools</p>
ZONING	<p>Reception : High ceiling, open entry point for natural ventilation. Rooms : Standard AC, Deluxe, and Suite rooms with simple, functional layouts. Common Areas : Sculptural parks and open-air stages for cultural integration</p>	<p>Villa Types : Lake Facing, Luxury Pool Villa, Presidential Pool Villa. Private Spaces : Focus on private decks, open showers, and individual pools. Common Areas : Ayurvedic center, bars, and banquet halls with sophisticated decor</p>
DESIGN INTENT	<p>The TTDC model is rooted in the "Functional & Durable" approach. It utilizes simple materials like stone and granite to withstand coastal humidity with low maintenance. The planning is typically linear and open, prioritizing views and easy access to public spaces</p>	<p>Le Pondy follows a "Story-Driven & Aesthetic" typology. It blends French colonial elements with traditional Tamil (Chettinad) craftsmanship. This creates a curated "heritage" experience rather than just a stay.</p>
INTERIOR FINISHES & MATERIALS	<p>Natural Stone: Granite and sandstone flooring for durability and local relevance. Wood: Used in furniture and ceilings to create a warm, resort-like ambiance. Texture: Matte finishes preferred over glossy to avoid glare in sunlit beach environments. Palette: Neutral and earthy tones (Sand, Verdant Green, Terracotta)</p>	<p>Structural Elements: Tuscan order stone columns and sloped roofs with Mangalore tiles. Chettinad Influence: Central courtyard spaces, wooden purlins, and intricate woodwork. Furniture: Custom furniture to add local identity; mix of western comfort and ethnic styles. Color Palette: Deep blues, white pillars, and warm wood tones</p>
FURNITURE DESIGN	<p>TTDC Beach Resort is primarily functional, standardized, and designed for durability, catering to high user turnover and low maintenance. It lacks strong aesthetic character and serves basic needs without contributing significantly to the spatial experience..</p>	<p>Le Pondy Resort uses furniture as a key design element—featuring customized pieces, rich materials, and comfortable layouts that enhance luxury, privacy, and ambiance. This highlights that while TTDC prioritizes practicality, Le Pondy focuses on experience.</p>
MERITS	<p>Excellent functional longevity. The use of natural stone and matte finishes is highly resistant to the corrosive coastal environment, making it low-maintenance and cost-effective. The open, "breathable" layouts prioritize natural ventilation and climate response.</p>	<p>High experiential value. The "Franco-Tamil" fusion uses rich textures, warm lighting, and traditional craftsmanship (like Mangalore tiles and wood) to create an immediate sense of place and luxury. It excels at creating intimacy and privacy through clever spatial zoning.</p>
DEMERITS	<p>Excellent functional longevity. The use of natural stone and matte finishes is highly resistant to the corrosive coastal environment, making it low-maintenance and cost-effective. The open, "breathable" layouts prioritize natural ventilation and climate response.</p>	<p>High maintenance and fragility. The same materials that create the "rustic-luxe" vibe—like thatch and intricate woodwork—are prone to rapid wear from humidity and salt, requiring constant, expensive upkeep to prevent them from looking dated..</p>
SUMMARY	<p>The Government Model (TTDC) teaches about resilience: Using local stone, granite, and open layouts to build a structure that survives the harsh salt air with minimal upkeep. Its weakness is a lack of "human warmth" and aesthetic character.</p>	<p>The Private Model (Le Pondy) teaches about experience: Using lighting, heritage textures (wood/thatch), and private spatial zoning to create an emotional connection with the guest. Its weakness is the high cost of maintaining those fragile materials against the elements.</p>

Introduction TO RESORT INTERIOR



What is a Resort?

A resort is a self-contained hospitality environment designed primarily for leisure, relaxation, and recreation. Unlike business hotels, resorts emphasize experiential living and emotional escape.

Interior Designer's POV:

For an interior designer, a resort is not just accommodation — it is a curated experience space. Every interior element must contribute to:

- * Escape from daily routine
- * Emotional comfort
- * Visual delight
- * Sensory relaxation
- * Design approach changes depending on type:
- * Beach Resort → light colors, natural textures, openness
- * Hill Resort → warmth, wood, cozy lighting
- * Eco Resort → sustainable materials, earthy palette
- * Wellness Resort → calm, minimal, soft lighting
- * The interior narrative must align with the location identity.

Types of Resort

1. By location



- 1) Urban Resort
- 2) Beach or seaside Resort
- 3) Lake Resort
- 4) Mountain Resort
- 5) Island Resort
- 6) Desert Resort
- 7) Tropical Rainforest Resort (sensitive & restrictive)
- 8) Farm-related Resort

2. By seasonality



- 1) Year-round Resort
- 2) Summer Resort
- 3) Winter Resort

3. By designation



- 1) Spa Resort
- 2) Golf Resort
- 3) Ski Resort
- 4) Guest Ranch
- 5) Diving Resort
- 6) Fishing Resort

4. By form of ownership



- Resort Hotel
- Person "leases" room/cottage for short-term stay
- Person develops or buys another home in outdoor areas.
- Person pays for the accommodation rights in a vacation property.
 - For a specific period each year
 - For a fixed number of years or per perpetuity

CHARACTERISTICS OF RESORT

- ✓ A Stunning Location
- ✓ Unparalleled Service & Convenience
- ✓ Outstanding Décor and Room Amenities
- ✓ A Memorable, Satisfying Dining Experience
- ✓ Activities & Fun

Functional Zoning & Circulation Zoning

Resorts operate on layered privacy levels:

Public Zone

- Lobby, restaurant, banquet
- Grand scale
- High ceiling
- Strong identity

Semi-Private Zone

- Spa, pool lounge, gym
- Controlled access
- Relaxed atmosphere
- Acoustic control

Private Zone

- Guest rooms, villas
- Maximum privacy
- Noise insulation
- Personalized lighting

Circulation Planning:

- Interior designers must plan:
- Guest flow
- Staff/service flow
- Emergency exit routes

Site Context & Location Analysis



Climate Response

- Coastal → corrosion-resistant finishes
- Hill → insulation materials
- Hot regions → cross ventilation planning.

Orientation

- Placement of windows affects daylight quality
- Glare control through shading devices
- Strategic furniture layout according to views

View Framing

- Resort interiors must frame:
- Ocean views
- Mountains
- Gardens

Interior Design Elements

Concept Development

Every resort must have a design story:

- Tropical luxury
- Cultural heritage
- Contemporary minimal
- Rustic retreat

Material Selection

- Wood → warmth
- Stone → grounding
- Bamboo → eco identity
- Glass → openness

Texture & Finishes

- Resorts use tactile materials:
- Rattan
- Linen fabrics
- Textured wall finishes
- Natural fibers

Lighting Strategy

- Layered lighting:
- Ambient lighting
- Task lighting
- Accent lighting



Guest Psychology & Experience

Interior design in resorts is experience-driven.

Emotional Stages of Guest Journey:

- Arrival impression
- Relaxation in room
- Dining ambiance
- Spa calmness
- Night lighting mood

Psychological Factors:

- Privacy
- Visual comfort
- Soft acoustics
- Pleasant scent
- Wayfinding clarity

Back-of-House & Service Planning

- Housekeeping storage
- Kitchen layout

- Linen rooms
- Service corridors

Interior designers must ensure:

- Service movement is invisible to guests
- Efficient workflow
- Safety compliance
- Functional planning defines operational success.
- Easy access to service corridors and loading bays
- Anti-skid flooring with proper drainage slope

Sustainability & Green Design

Recognized by organizations like:

- U.S. Green Building Council

Interior Strategies:

- * Low VOC paints
- * Natural ventilation
- * Energy-efficient lighting
- * Local materials
- * Water-saving fixtures

Sustainability improves guest perception and brand value.

Fire Escape Routes Importance

Resorts accommodate a large number of guests unfamiliar with the building layout. In emergencies, evacuation must be intuitive and quick.

Interior Designer's Responsibilities:

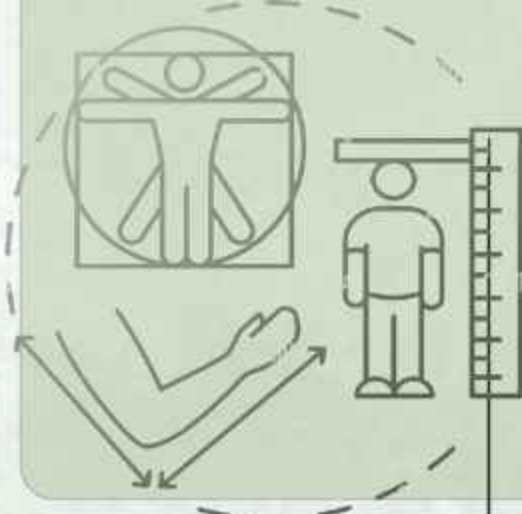
- Provide minimum corridor width (as per code standards)
- Ensure at least two means of egress in large public areas
- Design staircases with proper tread-riser ratio and handrails
- Avoid dead-end corridors
- Maintain unobstructed escape pathways (no decorative blockage)

INTRODUCTION

Resort design standards are a set of guidelines that ensure comfort, functionality, aesthetics, and user experience within hospitality environments. These standards are derived from anthropometric data, building codes, hospitality design principles to enhance both guest satisfaction & operational performance.

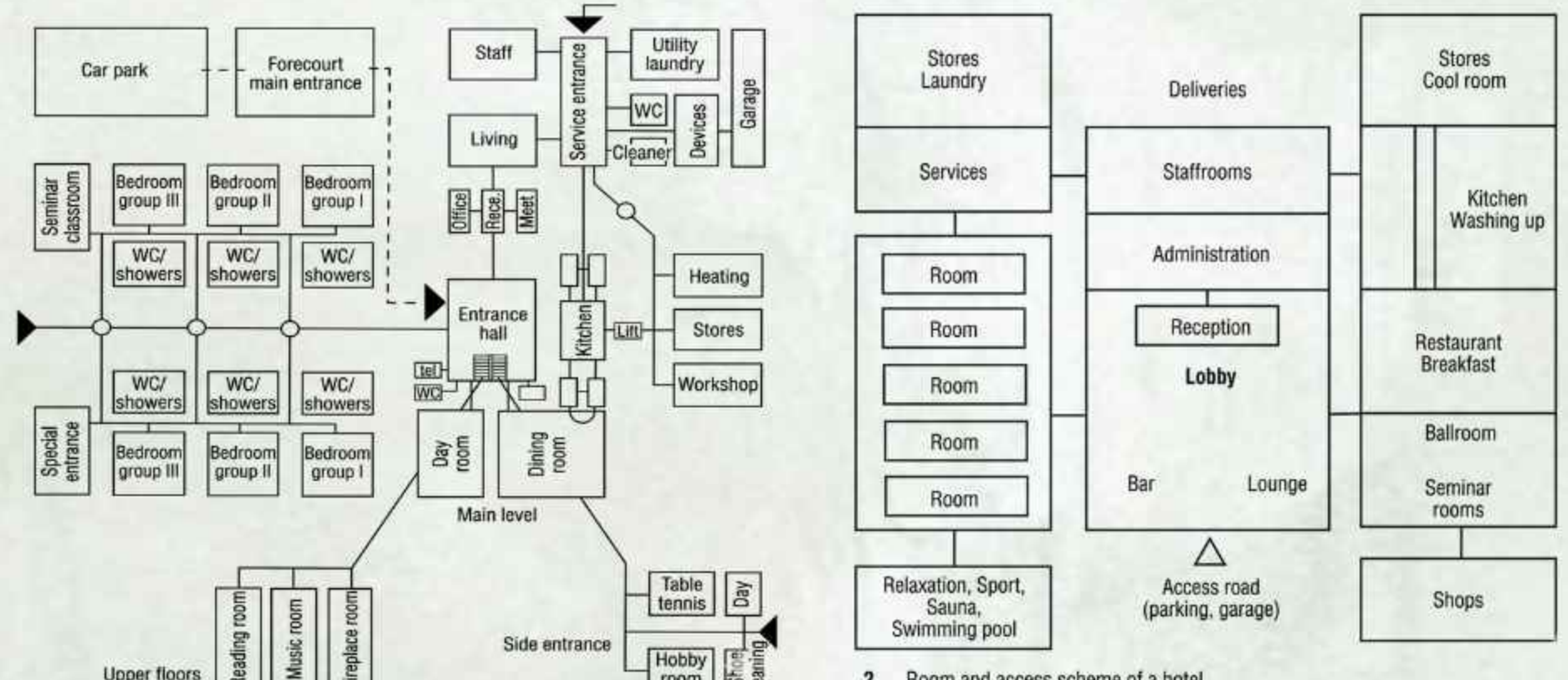
Design Standards

ANTHROPOMETRY | ERGONOMICS | SPACE PLANNING



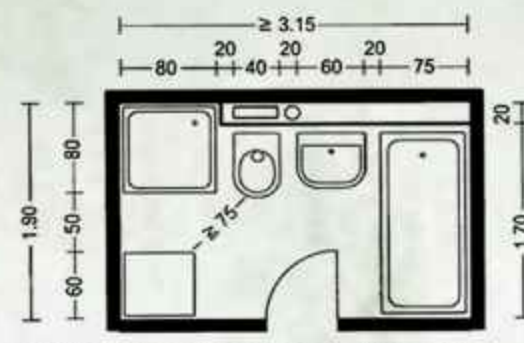
FUNCTION AND ZONING ACCORDING TO NEUFERT

Space	Standard Area (approx.)
Lobby & Reception	150-300 m ²
Guest Rooms (Standard)	30-40 m ²
Suites (Executive / Presidential)	60-150 m ²
Corridors (per floor)	2-2.5 m width, ~20% of floor
Restaurant (1 per 100 guests)	150-300 m ² (based on seating)
Banquet Hall	400-1000 m ² (based on capacity)
Conference Rooms	100-250 m ²
Swimming Pool Area	200-300 m ²
Spa & Wellness	150-250 m ²
Fitness Center	100-200 m ²
Kitchen & BOH	25-30% of total BUA
Housekeeping & Laundry	150-250 m ²
Mechanical / Electrical Rooms	5-10% of BUA
Service Lobby / Staff Areas	5-10%
Parking	1 car per 2-3 rooms

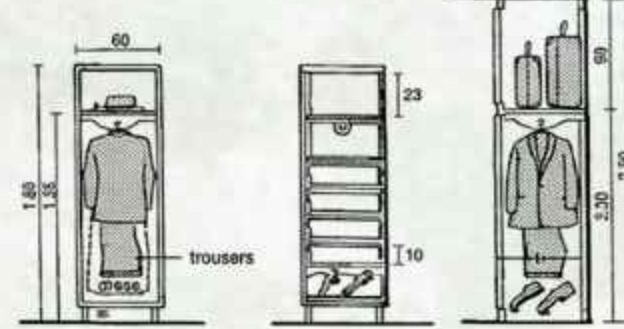


2 Room and access scheme of a hotel

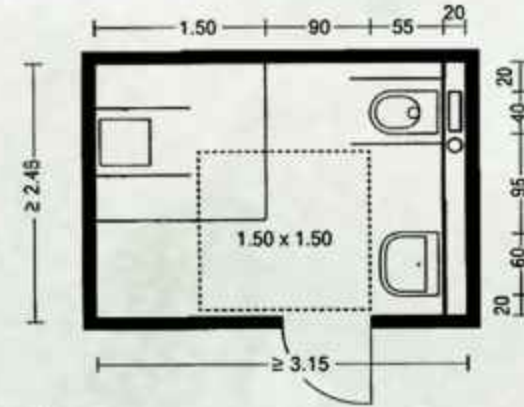
ROOM STANDARDS



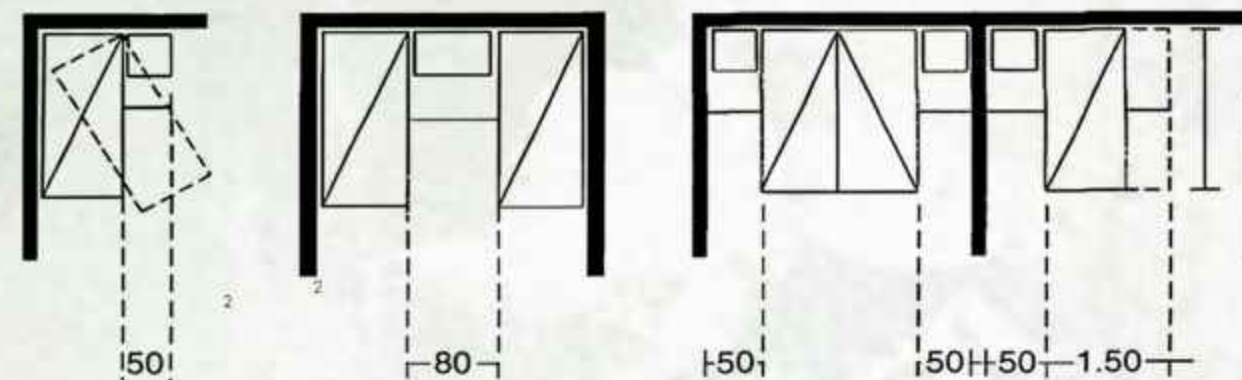
10 Full bathroom with space for washing machine



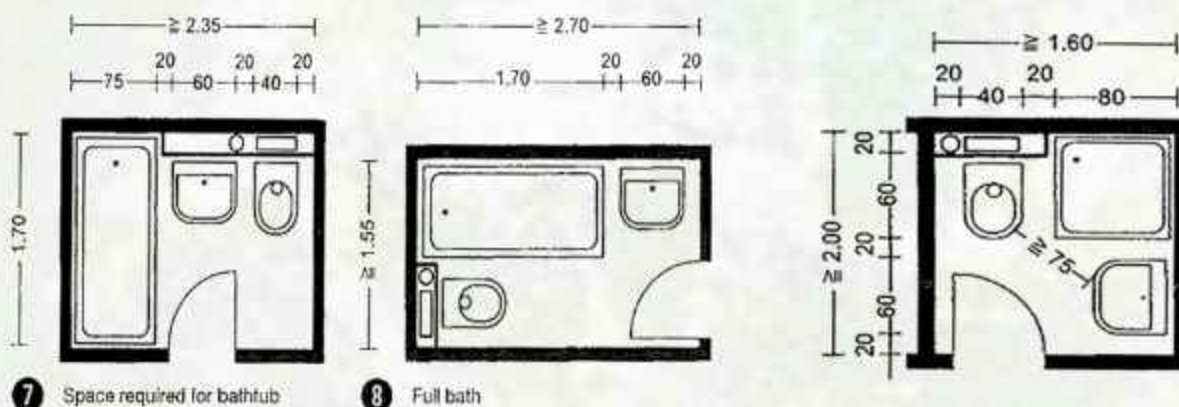
1 Free-standing wardrobe and linen cupboard: plan, sections
2 Built-in wardrobe and linen cupboard with upper compartment



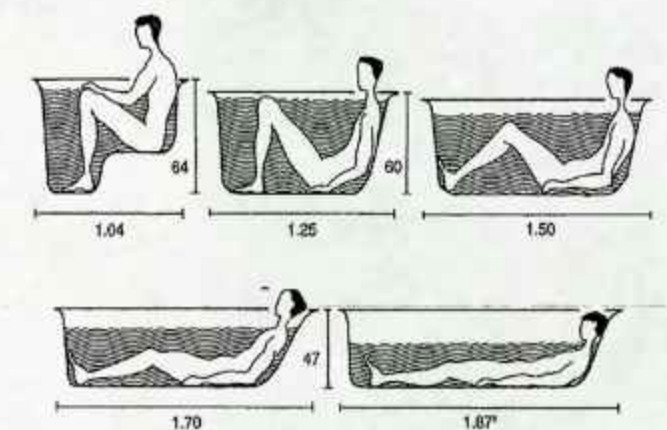
11 Accessible bathroom with showering space



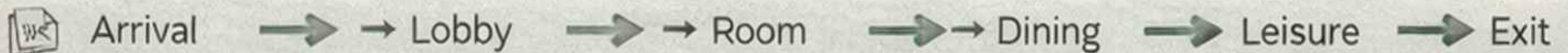
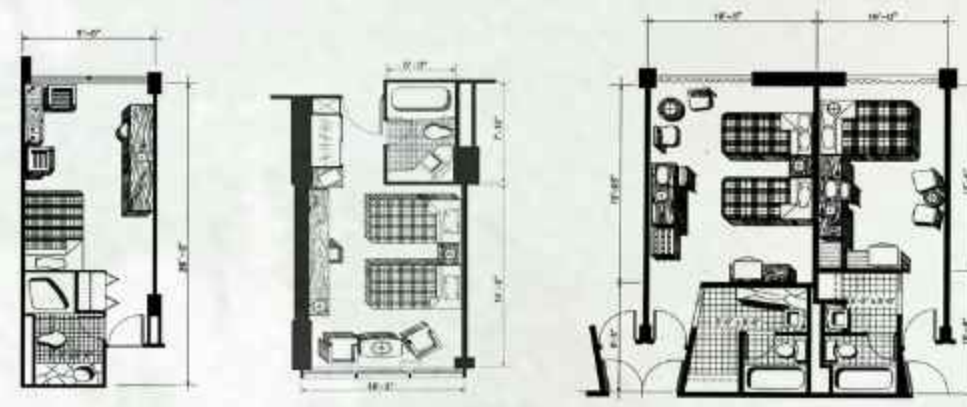
5 Standard bedroom layout



7 Space required for bathtub
8 Full bath



Room Type	Typical Area	Description
Single Room	25-30 m ²	For 1 guest, with bed, bath, desk
Double Room	30-40 m ²	2 guests, twin or king bed
Deluxe Room	35-45 m ²	Enhanced amenities, views
Executive Room	45-60 m ²	Workspace, mini-bar, larger bath
Junior Suite	60-80 m ²	Bedroom + lounge seating
Executive Suite	80-120 m ²	Bedroom + living + dining
Presidential Suite	150-250 m ²	Luxurious layout with private office, security features, multi-bath



STANDARD INDUSTRY TERMS FOR THE PHASES

Arrival & Lobby: The "Arrival" phase.

Room, Dining, & Leisure: The "Stay" or "Occupancy" phase

Exit: The "Departure" phase

CUSTOMER-CENTRIC & EMOTIONAL

The Path to Guest Loyalty: Highlights that each stage is a step toward making a repeat customer.

Resort Experience Roadmap: A more visual and modern way to describe the flow of a stay.

Moments of Truth: A hospitality concept where each stage is a critical opportunity to impress or disappoint the guest.

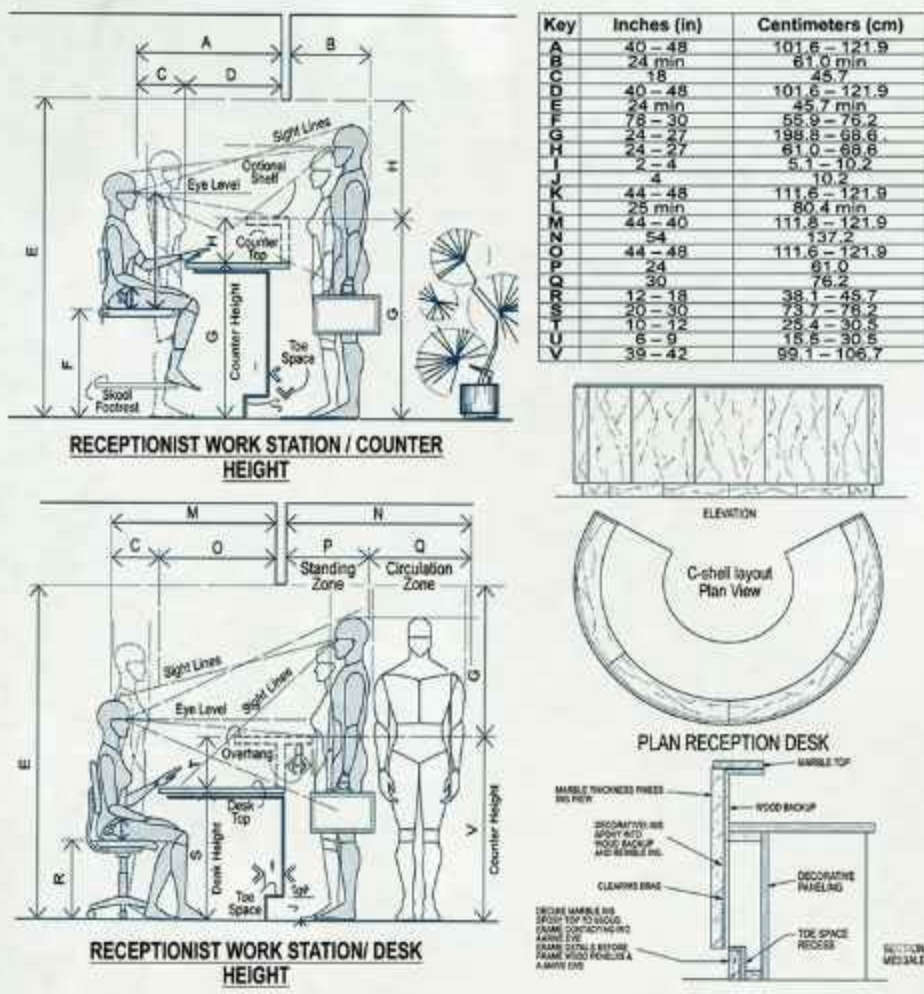
PROFESSIONAL & MANAGEMENT-FOCUSED

The Guest Life Cycle: A standard industry term for the phases a guest moves through.

Operational Touchpoints: Focuses on where staff interact with guests at each stage.

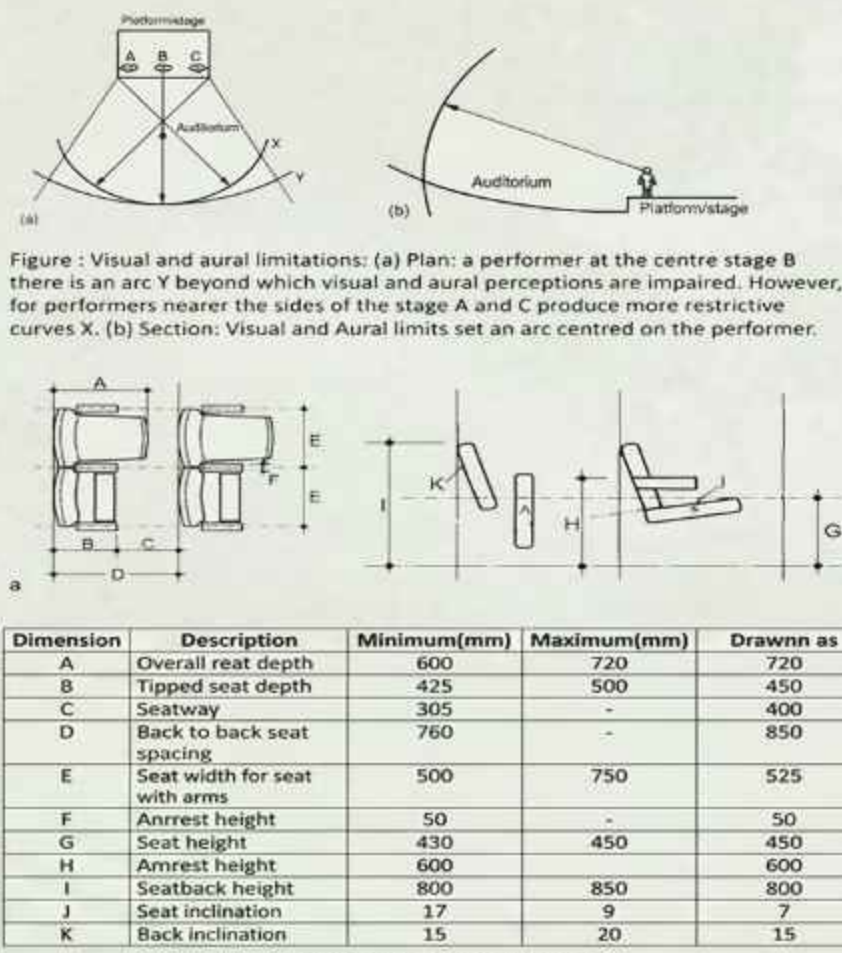
End-to-End Guest Experience Journey: Emphasizes the complete nature of the stay from start to finish.

RECEPTION

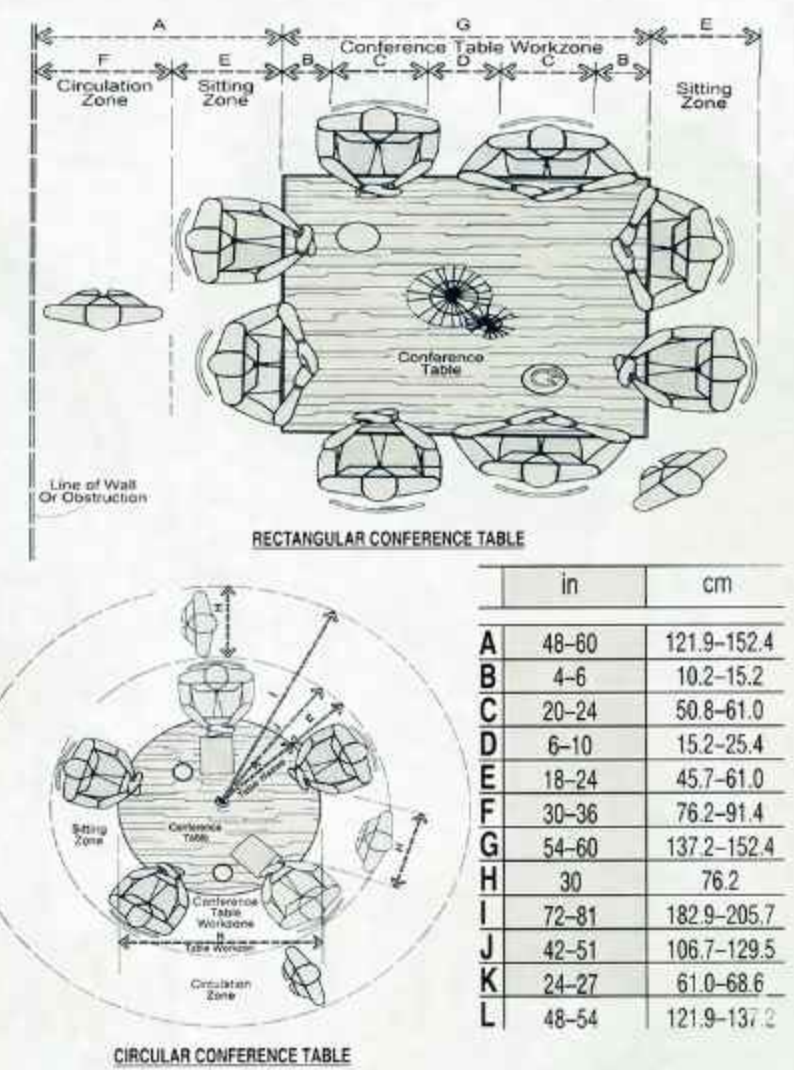


CONVENTION CENTER

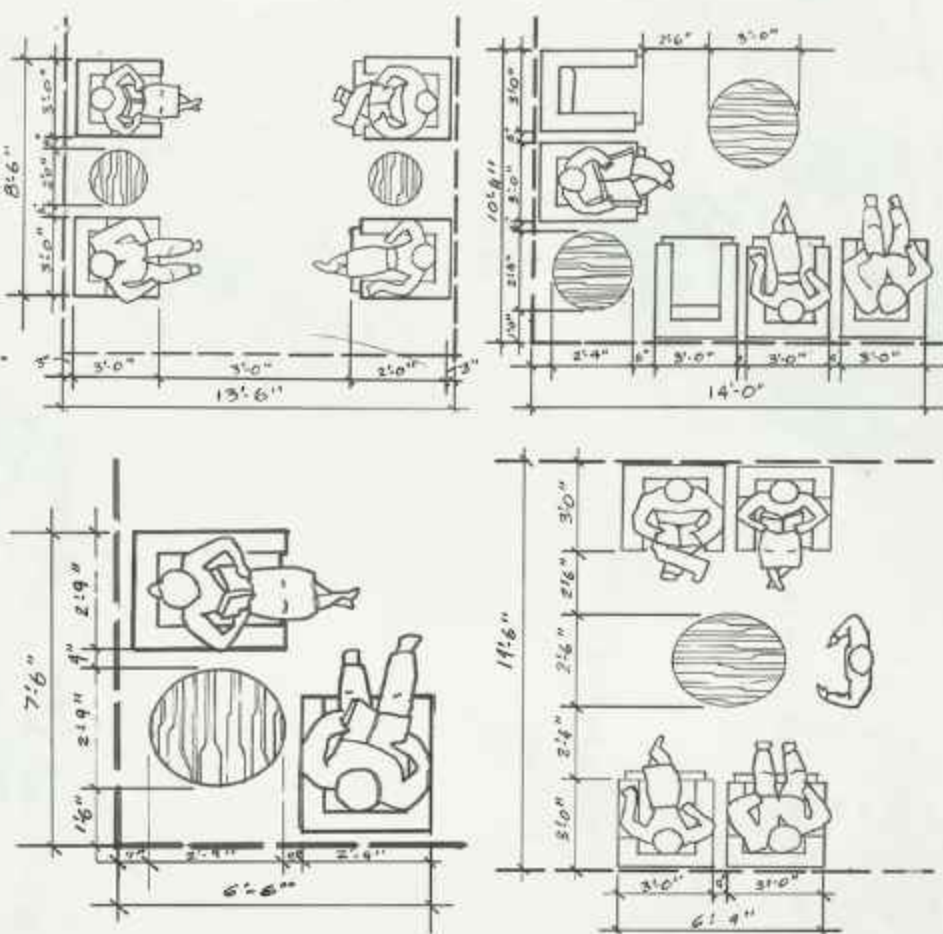
AUDITORIUM SEATING



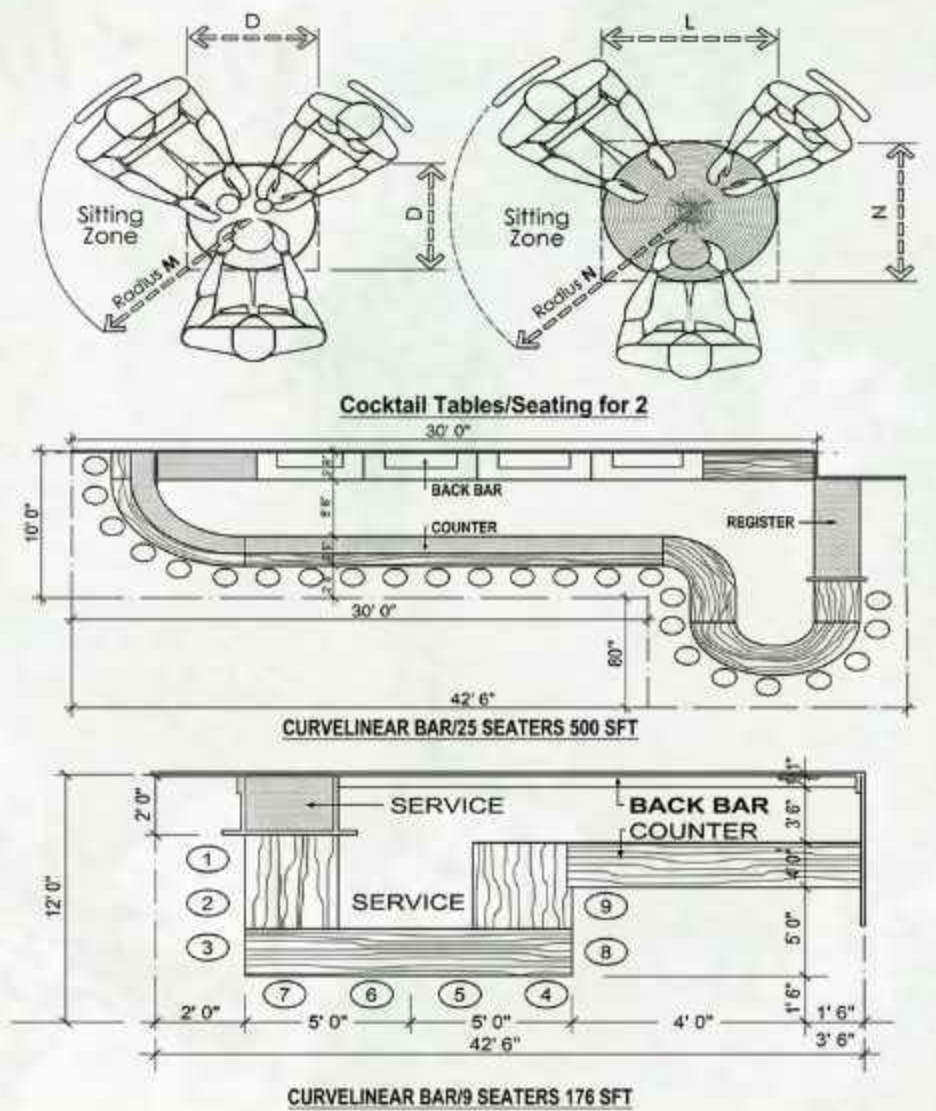
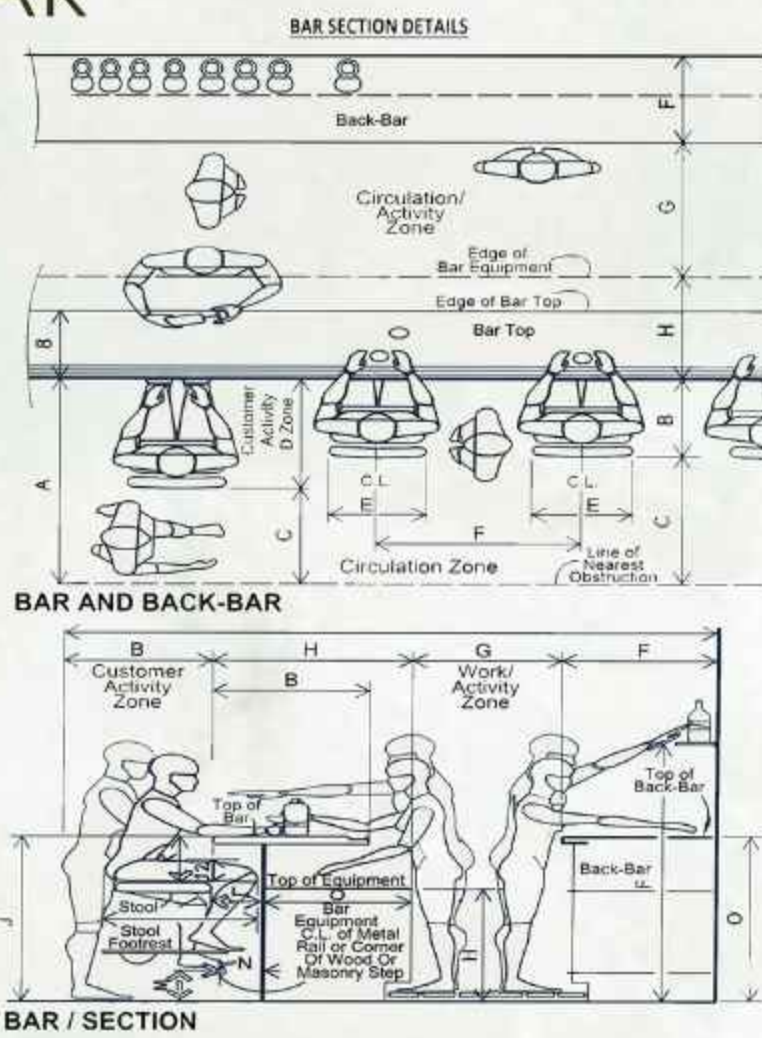
CONFERENCE ROOM



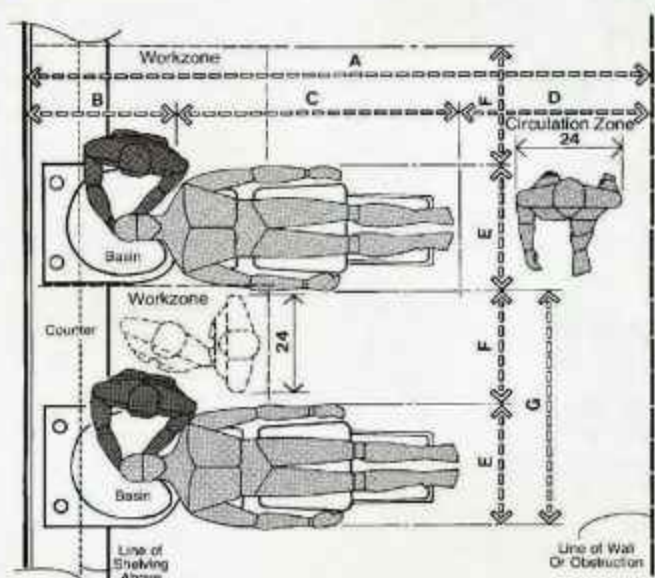
WAITING LOBBY



BAR

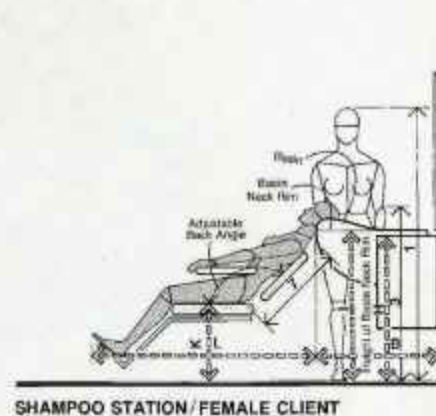
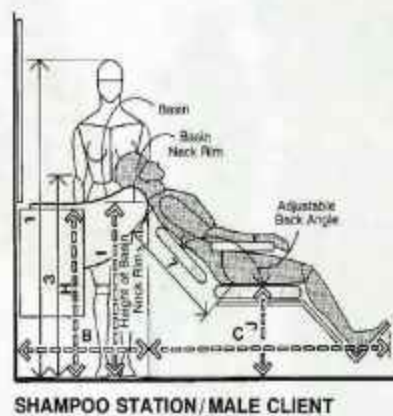


SPA

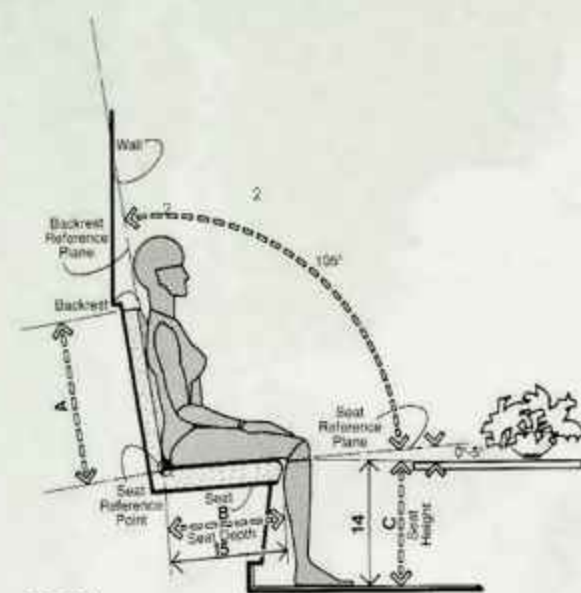


SHAMPOO STATIONS

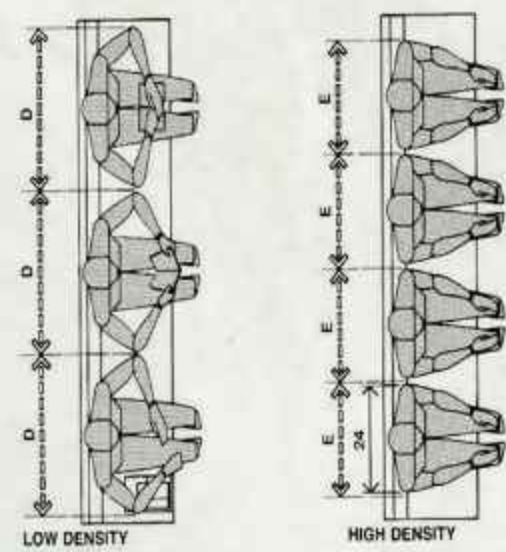
	in	cm
A	118-126	299.7-320.0
B	28-30	71.1-76.2
C	54-60	137.2-152.4
D	36	91.4
E	24-28	61.0-71.1
F	24	61.0
G	48-52	121.9-132.1
H	34	86.4
I	35	88.9
J	17-18	43.2-45.7



BANQUET SEATING

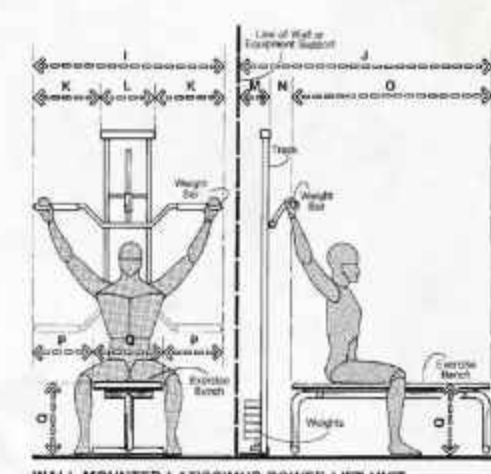


SECTION BANQUETTE SEATING



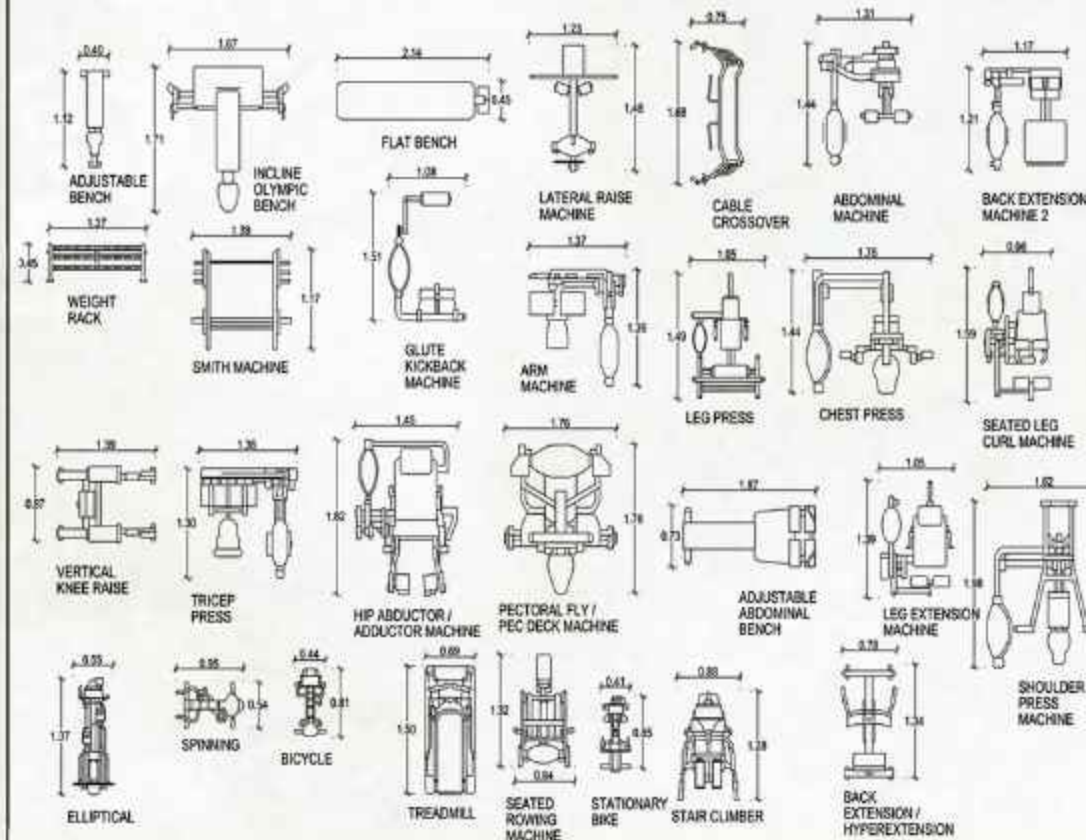
	in	cm
A	18-24	45.7-61.0
B	15.5-16	39.4-40.6
C	16-17	40.6-43.2
D	30	76.2
E	24	61.0

GYM



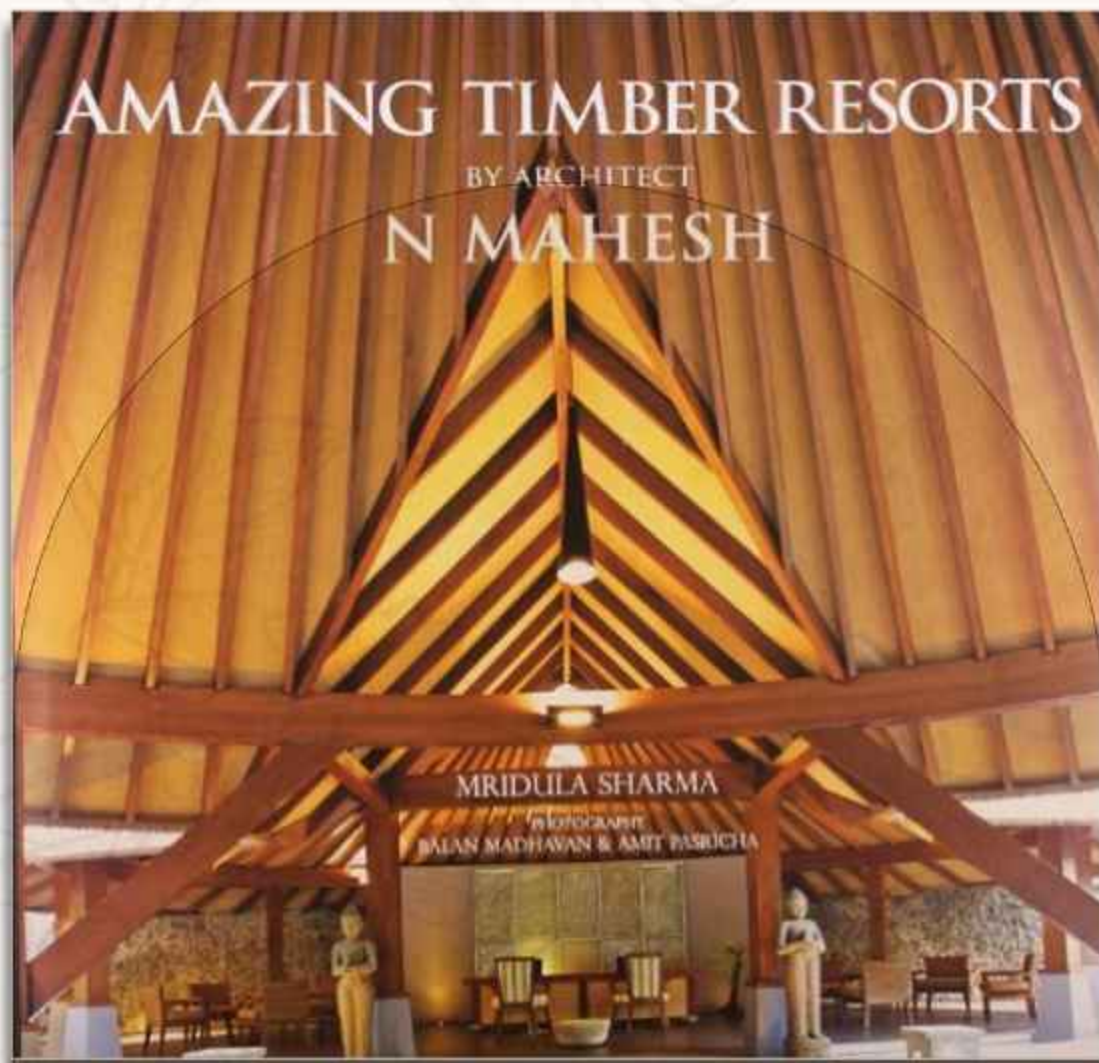
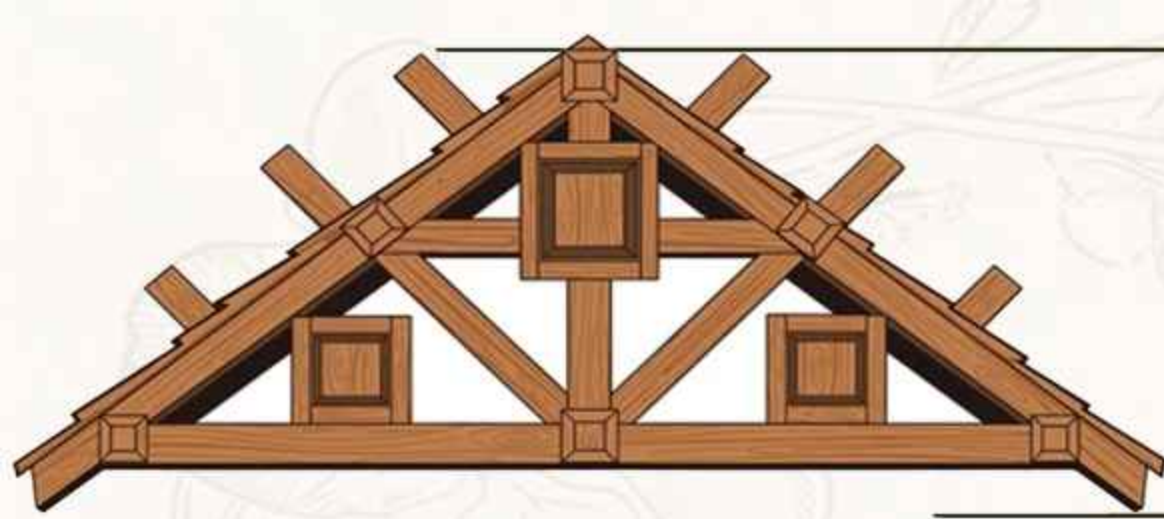
WALL-MOUNTED LATISSIMUS POWER LIFT UNIT

	in	cm
A	83-104	210.8-264.2
B	33-48	83.8-121.9
C	30	76.2
D	38-26	45.7-66.0
E	53-68	134.7-172.7
F	25-30	63.5-76.2
G	30-38	76.2-96.5
H	46	116.8
I	36-48	91.4-121.9
J	58-76	147.3-193.0
K	12-18	30.5-45.7
L	12	30.5
M	6-12	15.2-30.5



AMAZING TIMBER FOREST

SUSTAINABLE TIMBER ARCHITECTURE



AUTHOR BACKGROUND

MRIDHULA SHARMA is an Indian author who aims to record the traditional architecture that which has been unnoticed. Associated with the College of Architecture, Trivandrum. During the late 1990s, she met Ar. N. Mahesh, whose work in Traditional Timber architecture deeply inspired her. His designs successfully adapt old traditional architectural styles to suit modern lifestyles



PRINCIPAL ARCHITECT



AR. N. MAHESH is an Indian architect widely recognized for his pioneering work in traditional timber architecture and climate-responsive resort design, as documented in the book *Amazing Timber Resorts*.

Ar. N. Mahesh's architectural approach emphasizes the extensive use of local and natural materials such as timber, stone, lime plaster, and clay tiles, combined with simple spatial planning and strong indoor-outdoor relationships. His designs are deeply rooted in sustainability, passive climatic control, craftsmanship, using sloping roofs, deep verandahs, courtyards, and shaded spaces to respond effectively to different climatic conditions. Through his resort projects across India and abroad, he demonstrates how traditional construction techniques can be innovatively adapted to modern resort interiors, making his work both environmentally responsible & culturally grounded. The resorts designed by Mridhula Sharma, has documented in *Amazing Timber Resorts*, clearly reflect his deep commitment to climate-responsive, context driven, and material-sensitive interior design.

INTRODUCTION

AUTHOR : Mridhula Sharma
GENRE : Resort Interior Design
PUBLISHER : CAT – College of Architecture, Trivandrum

Amazing Timber Resorts is a book that visually engages readers through its representation of traditional architecture. The book focuses on eco-friendly Green Architecture and Traditional Kerala Timber Construction. The photographs of the resorts were taken by Balan Madhavan and Amit Pasricha. The book was published by the College of Architecture, Trivandrum in the year 2013.

TARGET AUDIENCE AND USEFULNESS

The book is highly valuable for interior design and architecture students, especially those studying resort design, sustainable architecture, and material-based design. For practicing designers and architects, the book offers inspiration and insight into alternative design approaches that prioritize sustainability and craftsmanship



(The Lalit Bekal), stepped into the innovative roof design . The Resort covers **32 acres** with the master plan of island feel roof .

The Towers of the roof designed with were **Triple pitched roof** . It manages heavy monsoon rain to maintain the cool temperature with the sloping layers.

The corridors of the cottages were surrounded by the coconut tree around all 4 sides of the cottages , 4 acres of the site create a were used to artificial lake. The color palatte of the resort is created with **white walls, dark timber, grey granite and green landscaping around cottages**, Boats and floral motifs used in the furniture were design done by Ar.N. MAHESH

CONSTRUCTION STYLE

Vernacular Kerala Architecture: The design features elements typical of traditional Kerala homes (tharavad), including high roofs and a focus on open, airy spaces.

Locally Sourced Materials : Construction utilizes materials inherent to the region, such as laterite stones, teak wood, and terracotta tiles, which help the structure blend into the landscape.

Climate-Responsive Design : The architecture is tailored to the tropical, humid climate of Kerala, featuring large, steep sloping roofs to handle heavy monsoon rains and high-pitched ceilings for passive cooling.

Integration with Nature : The resort is designed to foster a connection with the environment, often featuring sprawling greenery, backwaters, and a "courtyard-style"

Interior Details : The interiors typically feature a mix of traditional and modern, with terracotta, wood, and sometimes exposed masonry.

COMMON FEATURES

Laterite Walls : Use of local laterite blocks.

Mangalore Tile Roofs : Sloping, tiled roofs are a defining, unifying feature.

Timber Construction : Extensive use of wood for structural elements, roof frames, and finishing.

Vertical Shading : Buildings are designed to reduce direct sunlight exposure on walls

MASTERPIECE IN FOCUS

THE  **LalIT**



The Lalit Resort & Spa Bekal in Kerala is deeply rooted in the vernacular architecture of Kerala, blending traditional aesthetics with modern luxury to create a tranquil, eco-responsive environment. The resort's design is strongly influenced by local building techniques and materials, focusing on sustainability and a harmonious relationship with the natural surroundings



Minimal Boho Chic

FURNITURE & MATERIAL MOODBOARD

1 FURNITURE

- Lounge & Seating
- Slipcovered Sofas
- Rattan & Wicker Armchairs
- Hanging Chairs
- Daybeds
- Tables
- Driftwood Coffee Tables
- Stump Stools
- Reclaimed Teak Dining Tables
- Storage & Accents
- Cane & Woven Sideboards
- Woven Poufs

2 MATERIAL

Materials must be durable enough for coastal salt air while maintaining a tactile, "handcrafted" feel.

- Natural Fibers
- Rattan, Cane, & Wicker
- Jute & Sisal
- Seagrass & Raffia
- Woods
- Teak & Oak
- Linen & Cotton
- Macramé & Crochet
- Hard Surfaces & Warm Metals

3 COLOUR SCHEME



Minimal Boho Chic is a design concept for resorts that blends relaxed beachside living with eclectic, bohemian artistry.

It emphasizes natural materials like rattan, jute, and linen. The vibe is airy, organic, and effortlessly comfortable, offering luxurious comfort through layered textures.

ELEMENTS OF MINIMAL BOHO CHIC

- Relaxed Furniture:** Low-profile, comfortable furnishings such as slipcovered sofas & daybeds that encourage a slow-paced, casual environment.
- Greenery & Indoor-Outdoor Flow:** Heavy use of indoor plants and greenery, combined with open spaces, sheer curtains, and seamless transitions to outdoor areas.

WARM MINIMAL BOHO CHIC PALETTE
Blending earthy terracotta, soft neutrals, & muted tones to create a calm, cozy & effortlessly elegant interior atmosphere.



- Boho Accents:** Layered cushions, fringed blankets, and eclectic decor items that add a touch of personality and warmth.
- Chic Refinement:** A refined balance is key—modern, minimalist touches like metal hardware or sleek lighting are added to prevent the space from looking too cluttered or rustic.

This concept appeals to guests looking for a "barefoot luxury" experience that feels authentic and serene rather than overly formal.



SALILA

BEACH RESORT
MAHABALIPURAM

TIDES • TIMBER • TRANQUILITY



BRAND NAME: SALILA

Etymology and Meaning

The name SĀLILĀ is derived from the Sanskrit word "Salila," which translates to **flowing water, ocean, or life-giving** element. The term embodies qualities of fluidity, calmness, and continuity, all of which are essential characteristics of a coastal environment.

Contextual Relevance to Location

Located in Mahabalipuram, the name reflects the site's strong connection to the sea and coastal heritage. The design translates the idea of water through fluid planning, open spaces, and a seamless indoor-outdoor experience, creating a calm and breathable environment.

Material & Architecture

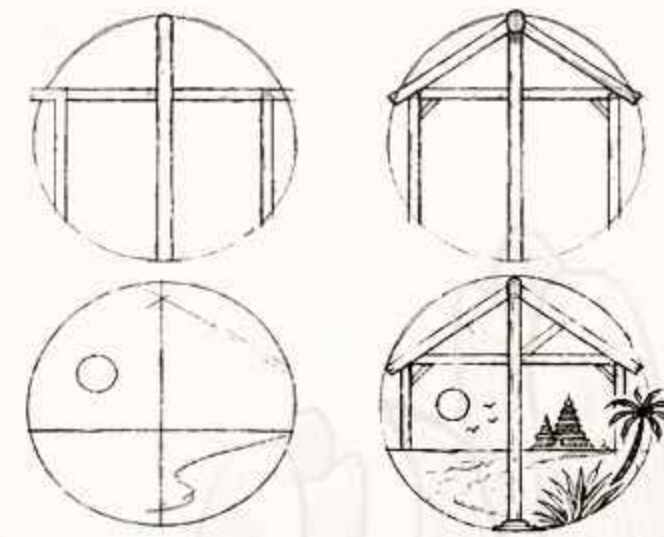
Timber stilt structures responds to coastal conditions, while rattan & natural materials enhance warmth, sustainability, and a relaxed aesthetic..

CONCEPT



Timber → sustainability
Ocean → calm & rejuvenation
Temple → cultural identity
Palm & plants → tropical lifestyle

"Where nature, culture & architecture meet in tranquility"



COLOUR SCHEME



VISUAL IDENTITY



TIDES • TIMBER • TRANQUILITY



Timber Heritage
Rooted in nature and tradition



Ocean & Serenity
Relax, rejuvenate by the sea



Cultural Essence
Inspired by Mahabalipuram's legacy



Boho Chic Vibes
Minimal, earthy and soulful

Where tides meet timeless moments.

FONT STYLE

1. PRIMARY FONT - LOGO & BRAND NAME

SALILA

CINZEL DISPLAY

UPPERCASE

A B C D E F G H I J K L M
N O P Q R S T U V W X Y Z

2. SECONDARY FONT - SUBHEADINGS / RESORT NAME

BEACH RESORT

MONTSEERRAT MEDIUM

UPPERCASE

A B C D E F G H I J K L M
N O P Q R S T U V W X Y Z

3. ACCENT FONT - TAGLINE / QUOTES

Where tides meet timeless moments.

QUICK SAND SCRIPT

UPPERCASE

A B C D E F G H I J K L M
N O P Q R S T U V W X Y Z

LOWERCASE

abcdefghijklmnopqrstuvwxyz

Thrust Area

STILT HOUSE



Introduction – Stilt House (Timber Construction)

A stilt house is a structure elevated above ground level using columns or piles, primarily designed to respond to environmental conditions such as flooding, coastal tides, sand movement, and ventilation requirements. This construction system is commonly found in tropical and coastal regions, where raising the built space improves durability, safety, and thermal comfort.

A timber stilt system is adopted as the primary structural and architectural approach.

Timber is chosen not only for its structural efficiency but also for its suitability in coastal environments when properly treated.

Being a lightweight material, timber reduces the load on the foundation and enhances the overall stability of the elevated structure.

Plan size: 12000 mm × 5000 mm

Grid: 3 m spacing along length

Floors: Open deck (upper floor)

Structure: Timber (CRZ suitable)

1. FOUNDATION

DIMENSIONS

Isolated footing : 900 × 900 × 300 mm

Pedestal (above ground): 750 × 750 × 600 mm

MATERIAL : Reinforced concrete

2. COLUMN (STILT)

230 × 230 mm

Height: 3000 mm

MATERIAL : Treated hardwood timber

Along length : every 3 m → 5 rows

Along width : 2 rows

Total : 10 columns

3. MAIN BEAMS

100 × 250 mm

Depth (250 mm) vertical

Placement

Run along 12 m length

4. EDGE BEAMS (RIM BEAM)

100 × 250 mm

Placement

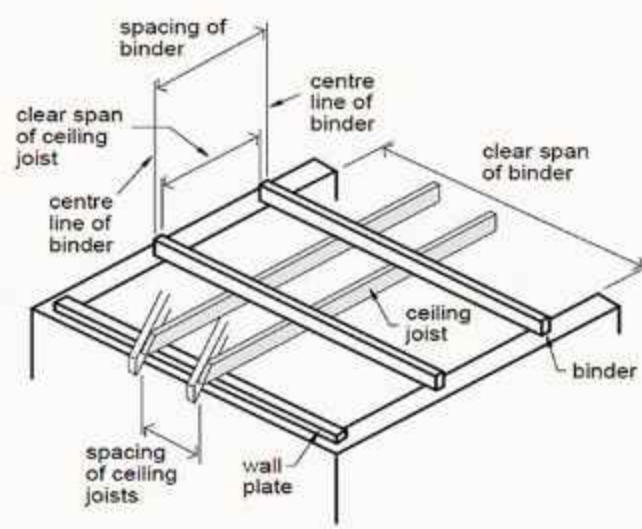
All 4 sides perimeter

Function

Holds joists

Supports railing

TIMBER JOIST



5. JOISTS

50 × 200 mm

Span: 5000 mm

Spacing: 400 mm

Run across width (5m)

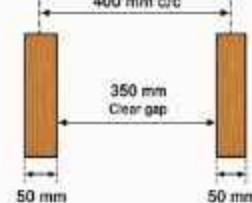
Fixing

Inside edge beam → use:

Joist hanger OR

Ledger (50×50 mm)

JOIST SPACING (HORIZONTAL)



6. FLOOR BUILD-UP (UPPER FLOOR)

Layers

Subfloor:

15 mm marine plywood

Floor finish:

25 mm timber planks

Total = 40 mm

Fixing

Screws into joists

7. FLOOR HEIGHTS

Ground → floor top: 2700 mm

Under-beam clearance: ~2400 mm

8. RAILING

Post - 75 × 75 mm

Height - 1050 mm

Top rail - 50 × 75 mm

Mid rail - 50 × 75 mm

Baluster - 25 × 50 mm

Spacing - 1000 mm

9. STAIRCASE

Floor height: 2700 mm

Riser: 150 mm

Tread: 280 mm

Steps: 18–20 Width: 1000 mm

Structure : Timber stringer: 50 × 200 mm

10. ROOF SUPPORT (POSTS)

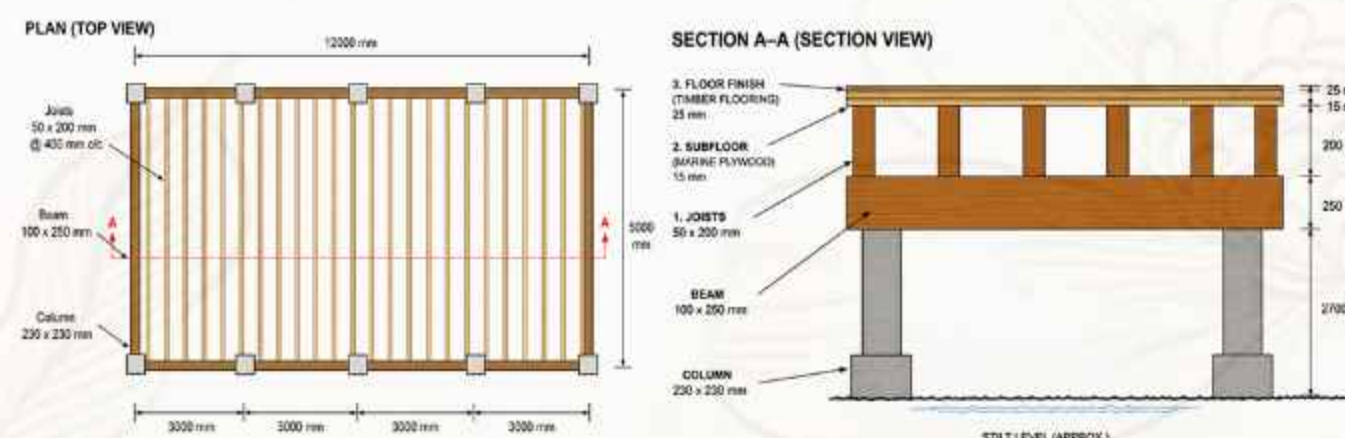
Size : 100 × 100 mm

Height above floor: 2400–3000 mm

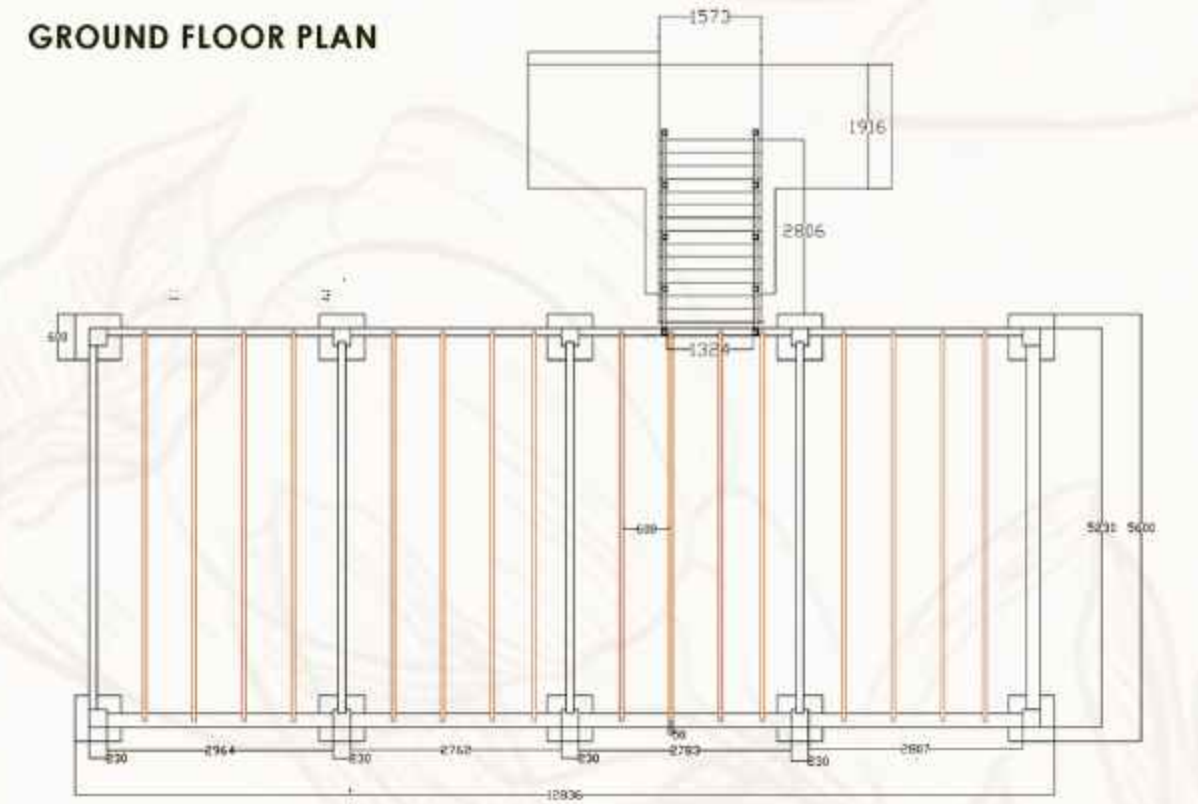
PROPOSAL DESIGN TO AN EXISTING PLAN



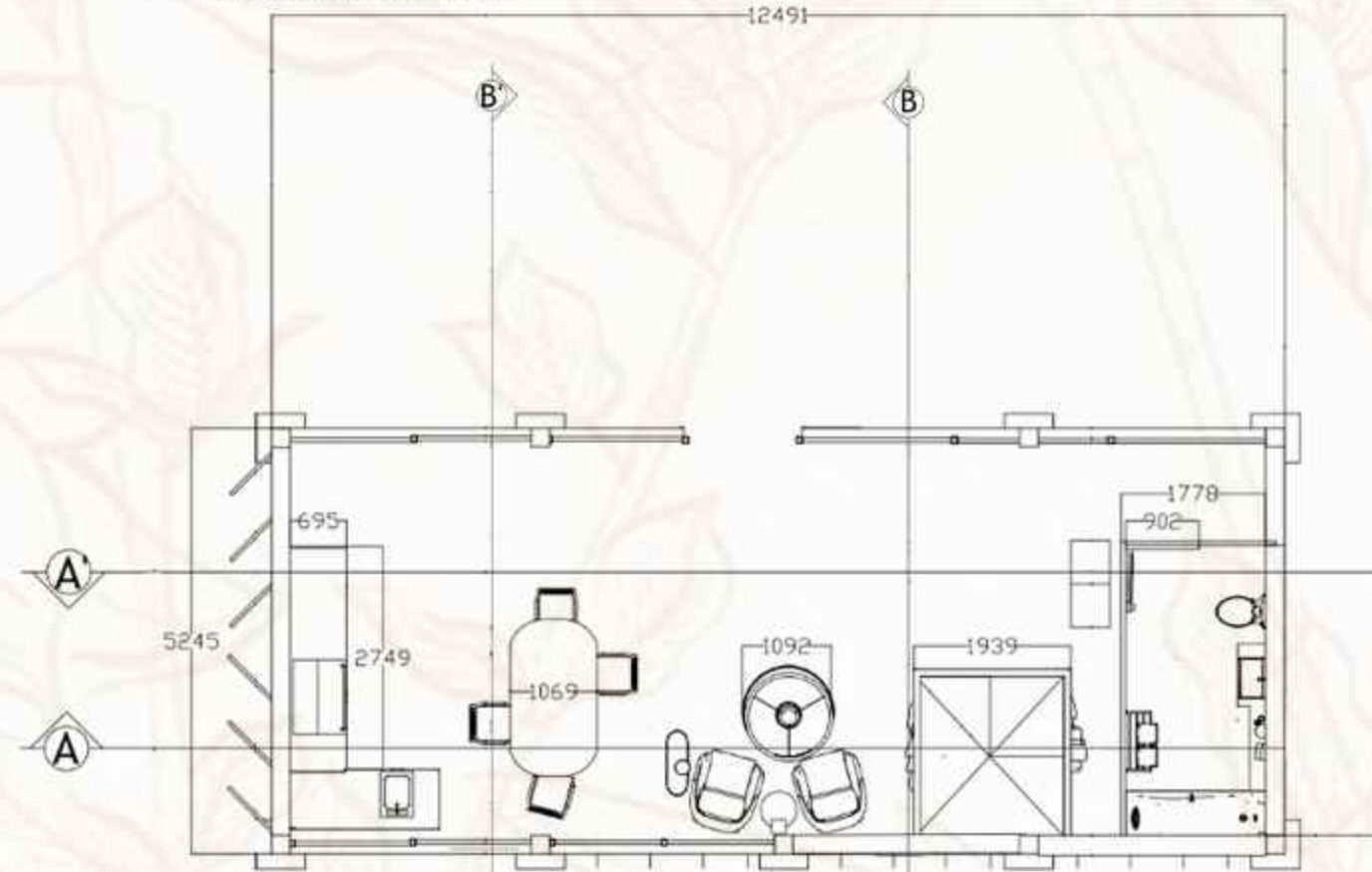
TTDC BEACH RESORT
MAHABALIPURAM



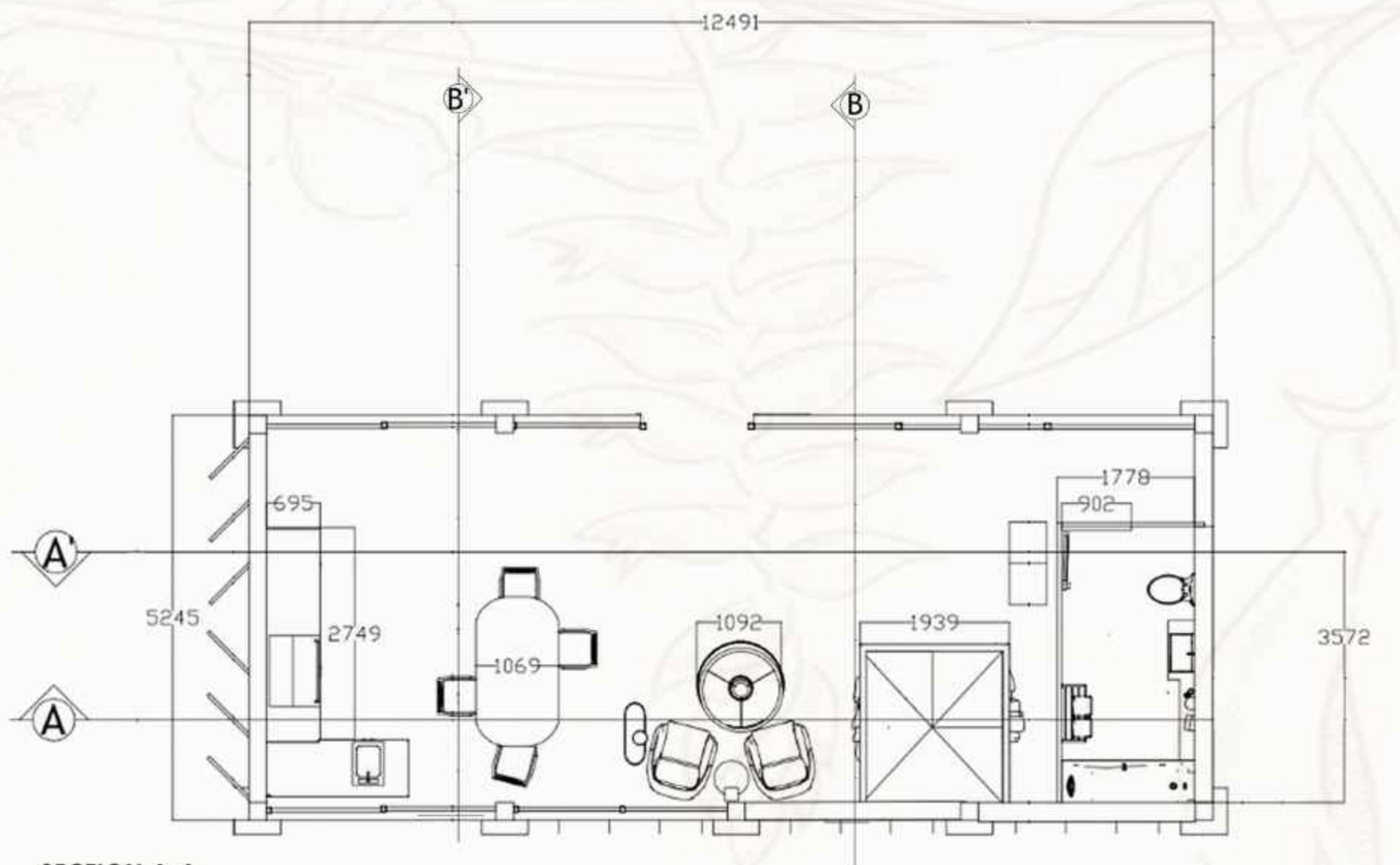
GROUND FLOOR PLAN



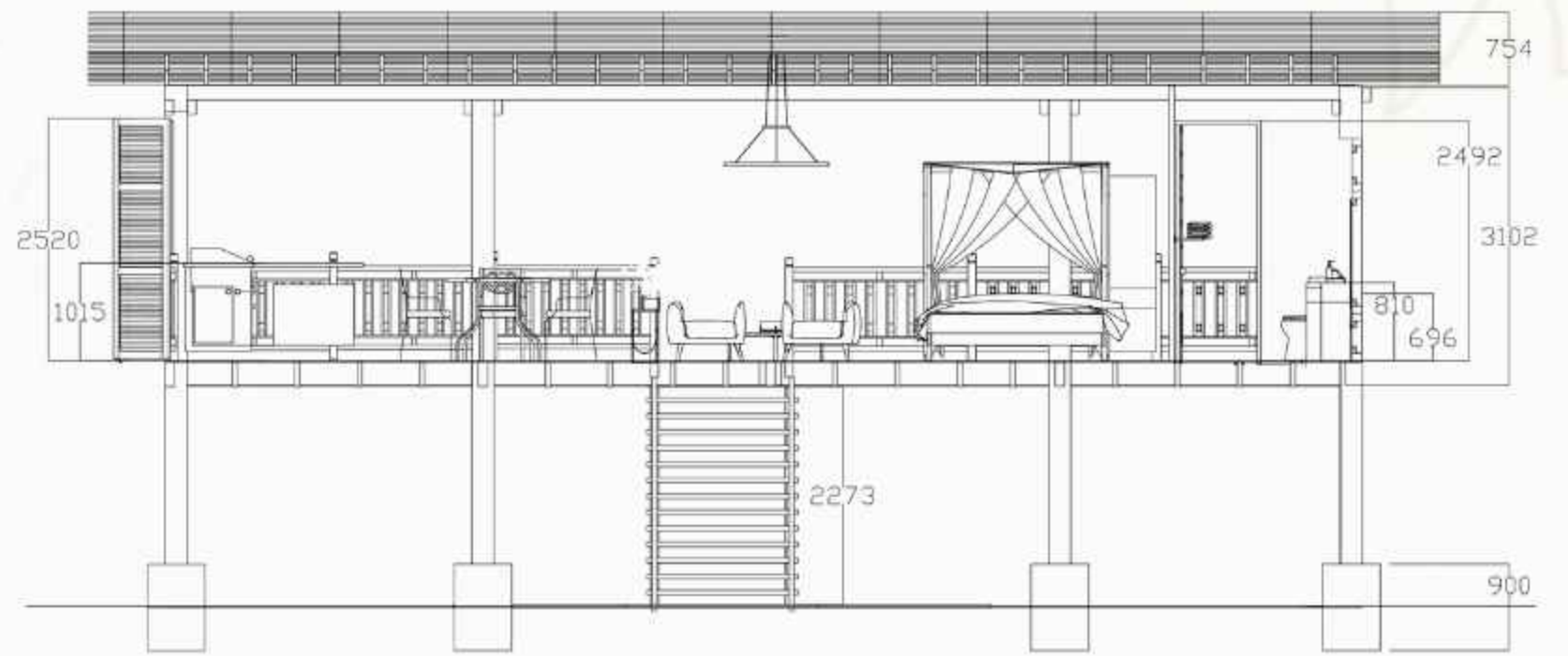
UPPER FLOOR PLAN



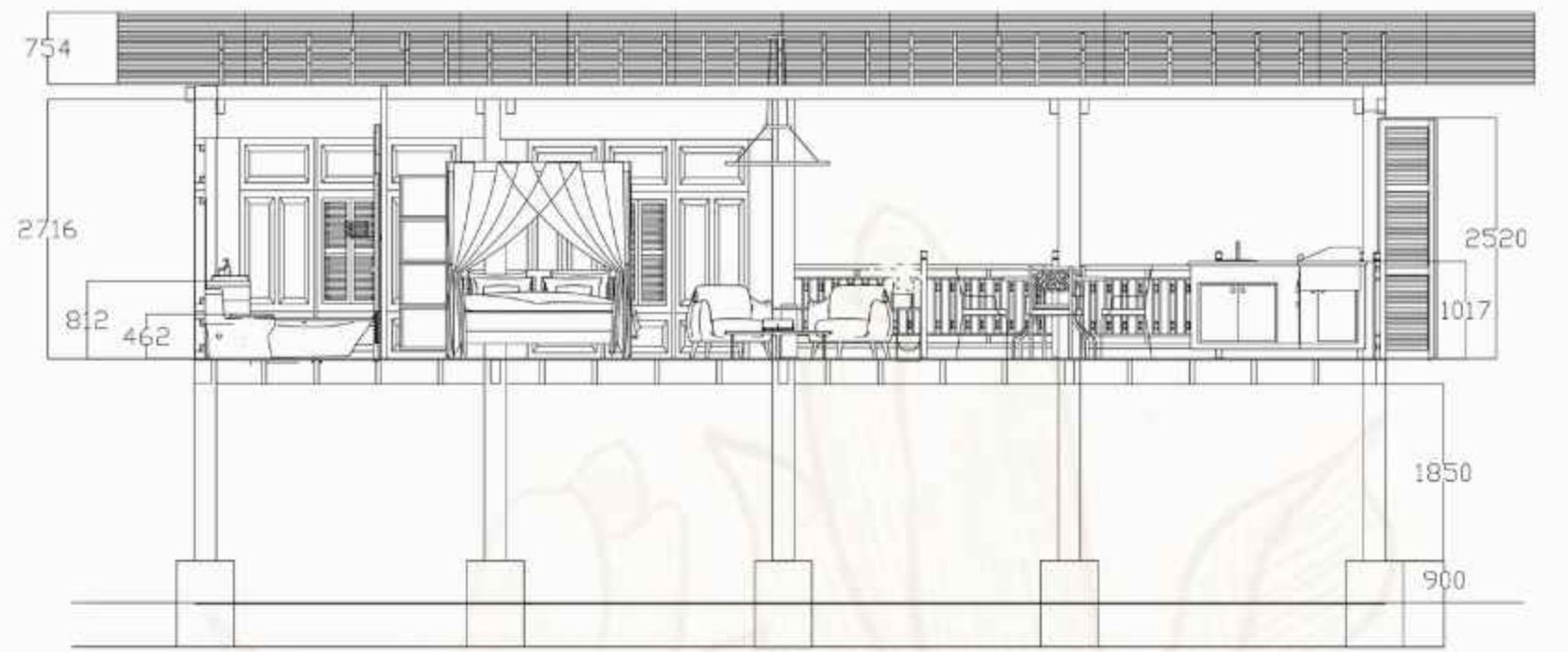
UPPER FLOOR PLAN



SECTION A-A



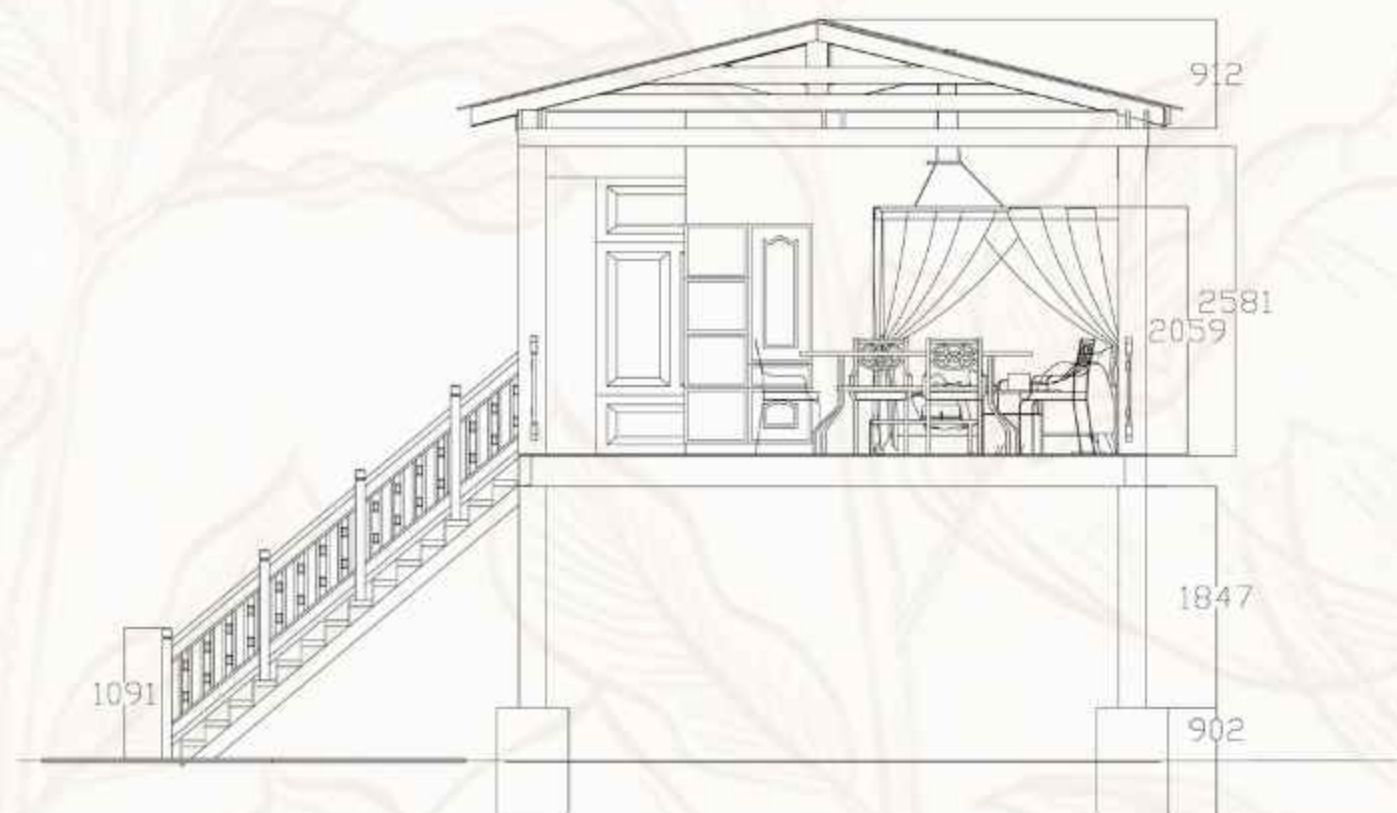
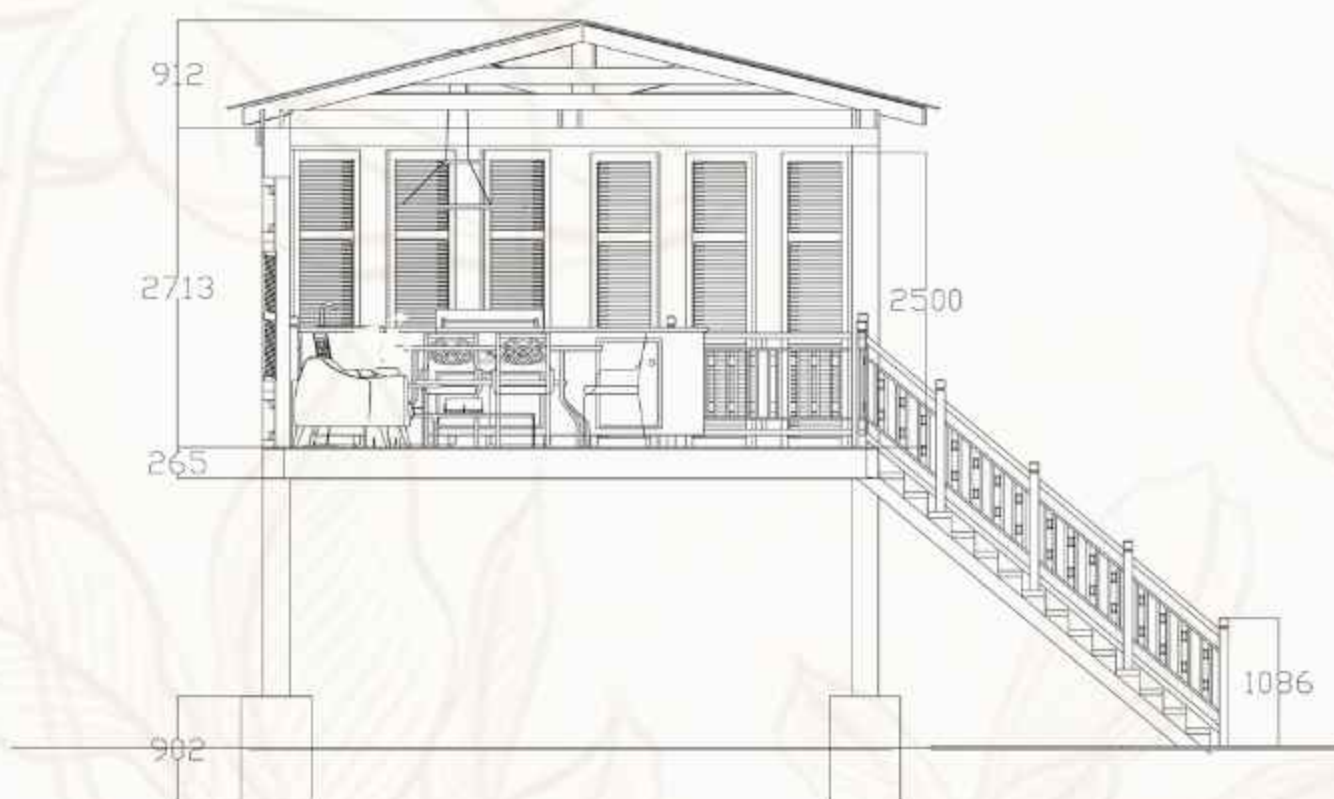
SECTION A - A'



SECTION B-B



SECTION B-B'

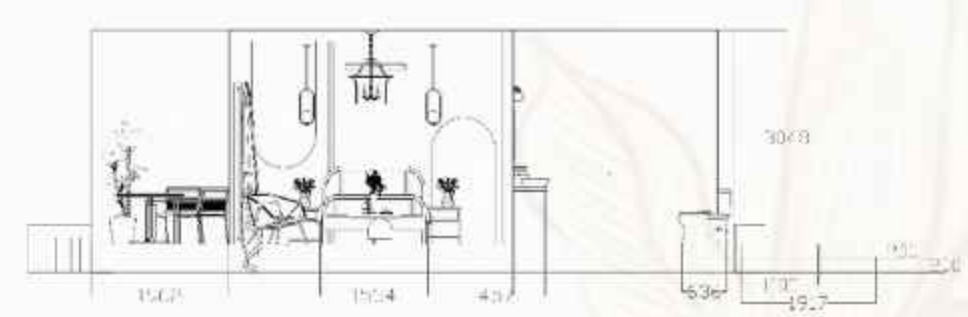
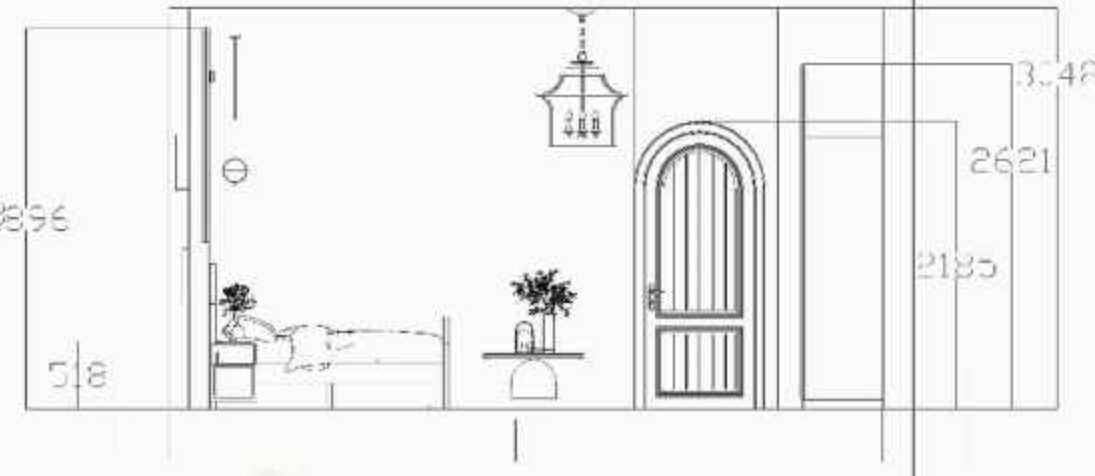
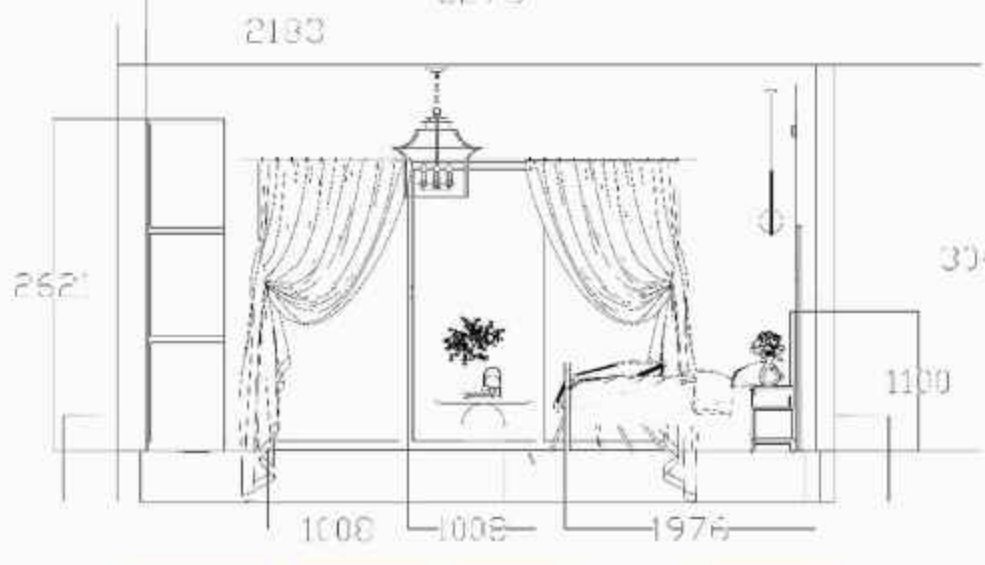
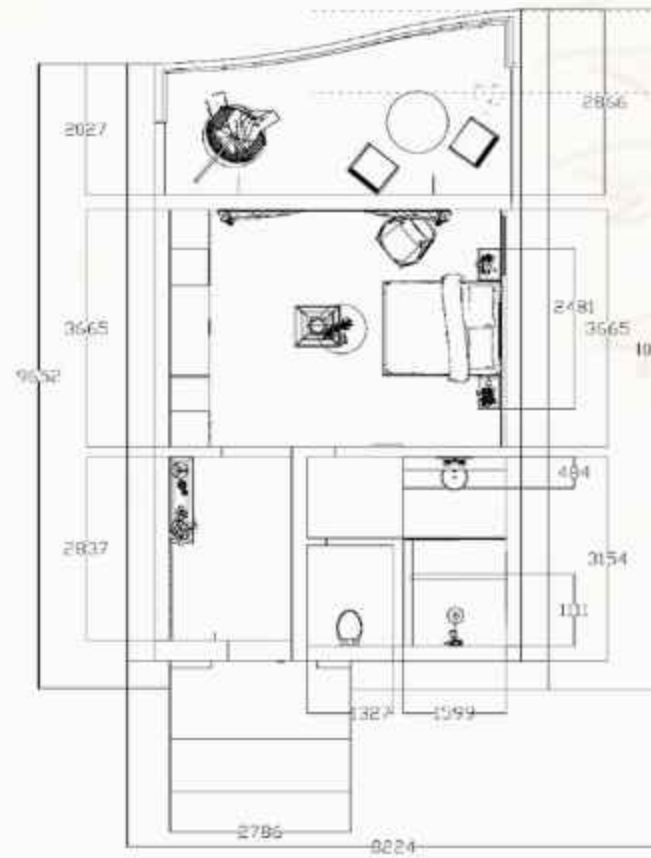




TIMBER COTTAGE ROOM

A timber cottage with a minimal boho theme blends rustic warmth with clean-lined, relaxed styling. It features light-colored walls, natural wood, and simple, functional furniture, complemented by textured textiles (macramé, jute), indoor plants, and cozy layered lighting to create a serene, airy, and inviting environment.

FLOOR PLAN



MATERIAL MOOD BOARD





SOLEA

• WELLNESS SPA •

RADIATE. RESTORE. RENEW.



INTRODUCTION

A wellness spa in a beach resort combines holistic healing therapies with the therapeutic, calming atmosphere of an oceanfront setting. This immersive escape offers a comprehensive approach to self-care, allowing guests to completely disconnect from daily life, reduce stress, and physically rejuvenate both mind and body.

BRAND VISION

Creating a holistic wellness experience through nature-inspired spaces
Promoting healing, calmness, and emotional balance
Blending luxury resort aesthetics with natural boho serenity

BRAND MISSION

To provide rejuvenating spa experiences inspired by sunlight, earth, and water
To reconnect people with relaxation and mindfulness
To create sensory healing through design, aroma, texture, and ambience

SYMBOLISM



SUN
Represents energy, warmth, positivity, life and healing.



FLOWING PATHWAY
Symbolizes the journey of wellness, movement, and relaxation.



LEAVES
Signify nature, growth, renewal, organic healing and sustainability.



CIRCLE (HARMONY)
Represents unity, balance, continuity and wholeness.

BRAND FEEL

- WARM
- NATURAL
- SERENE
- LUXURIOUS
- MINDFUL



PRIMARY LOGO



BRAND ELEMENTS



SUN



LEAF



FLOW



STONE



BALANCE

DESIGN PROCESS



COLOUR SCHEME



VISUAL IDENTITY



FONT STYLE

TYPOGRAPHY

PRIMARY FONT (LOGO & HEADINGS)

CINZEL

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

SECONDARY FONT (SUBHEADINGS & BODY)

MONTSERRAT

ABCDEFGHIJKLMNOPQRSTUVWXYZ
abcdefghijklmnopqrstuvwxyz
1234567890

FONT USAGE GUIDE

LOGO / BRAND NAME	CINZEL REGULAR
SUBHEADINGS	MONTSERRAT MEDIUM
BODY TEXT	MONTSERRAT REGULAR
TAGLINE / SMALL TEXT	MONTSERRAT LIGHT
ACCENT / EMPHASIS	CINZEL SEMIBOLD



SOLÉA

• WELLNESS SPA •

RADIATE. RESTORE. RENEW.



INTRODUCTION

SOLÉA Wellness Spa is a luxury wellness retreat designed as part of the TTDC Beach Resort experience. The spa reflects a fusion of tropical coastal architecture, natural boho interiors, and holistic wellness planning, creating a calm and rejuvenating destination for resort guests.

LOCATED WITHIN THE BEACH RESORT PROVIDES:

- Relaxation
- Thermal healing
- Privacy
- Nature connection
- Luxury wellness experiences

DESIGN RESPONDS TO COASTAL SURROUNDINGS THROUGH:

- Open circulation
- Warm earthy materials
- Tropical landscape integration
- Soft natural lighting
- Breathable spatial planning

SPATIAL PLANNING

- Central Reception Lounge
- The reception is positioned at the center as the heart of the spa.
- Functions include:
 - Guest welcome
 - Waiting lounge
 - Relaxation seating
 - Orientation space

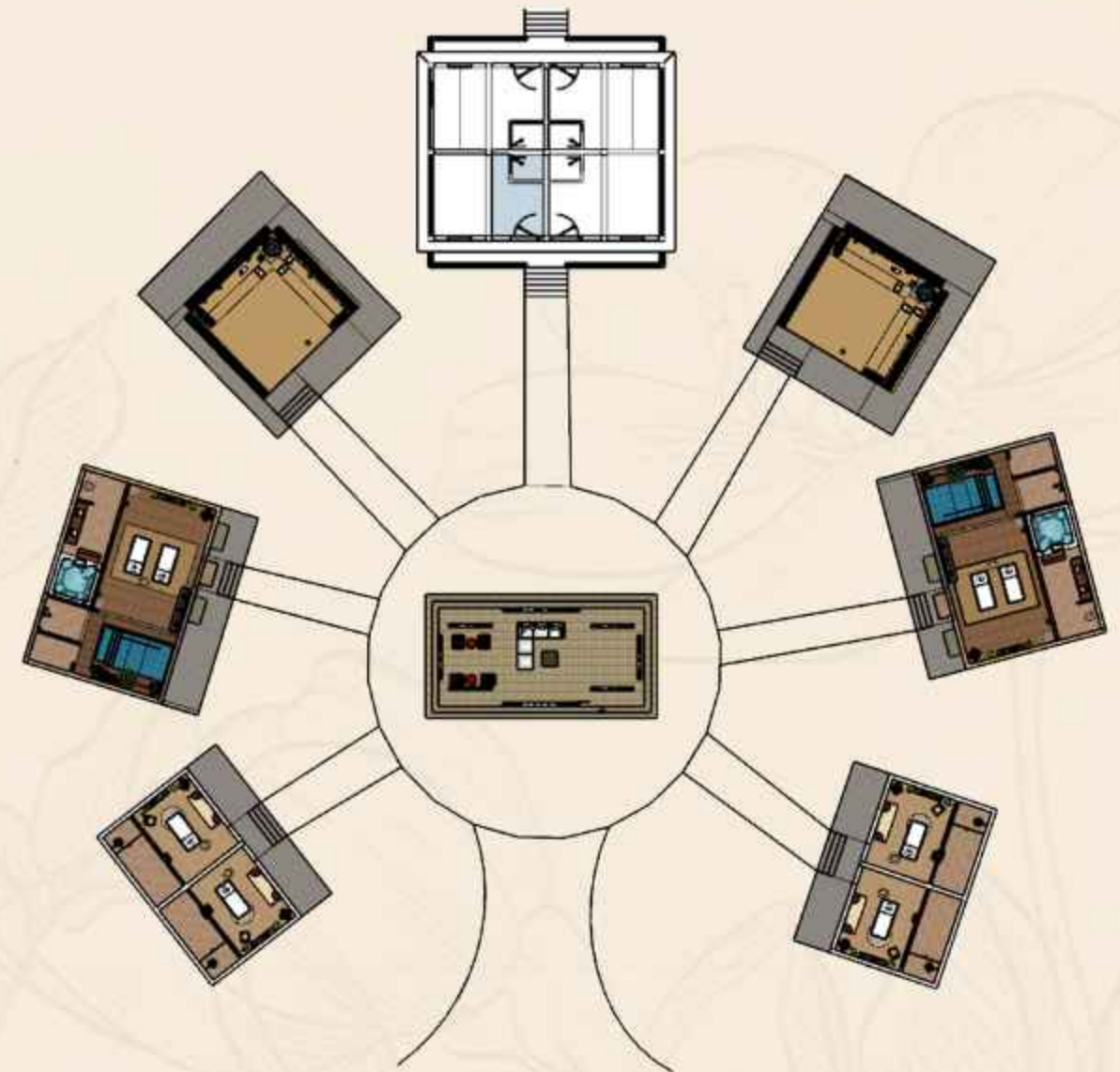
LOCATED SYMMETRICALLY BESIDE THE BOH:

- The sauna blocks create a wellness buffer before entering therapy spaces.
- Individual Spa Rooms
- Positioned at the outer edges for privacy:
 - Personal massage therapy
 - Quiet healing spaces
 - Individual relaxation experience
 - More intimate atmosphere
- Couple Spa Rooms
- Designed for shared wellness experiences:
 - Dual massage beds
 - Warm ambient lighting
 - Natural textures
 - Boho décor styling
 - Relaxation seating

VIEWPORTS



RENDERED VIEW OF THE FLOOR PLAN



RECEPTION LOUNGE



SAUNA ROOM





SOLÉA

• WELLNESS SPA •
RADIATE. RESTORE. RENEW.



MASSAGE ROOM - (INDIVIDUAL)

MATERIAL MOODBOARD



Cane Armchair

FRAME MATERIAL:
Teak Wood, Dark Walnut Stain
SEAT/BACK: Natural Cane (Rattan) Webbing
STYLE: Mid-Century Modern Boho



Upholstered Daybed

FRAME MATERIAL:
Cane Back, Wood Base
CUSHION: Natural Linen (textured cream), high-resiliency foam
ACCENTS: Woven and Macrame Textiles
INSPIRATION: Holistic Comfort



Wooden Massage Table

PRIMARY MATERIAL:
Solid Dark-Stained Walnut.
TOPPER: Hypoallergenic memory foam with durable vinyl upholstery.
DESIGN: Stable Z-frame construction.
FUNCTION: Deep Relaxation.

Natural textures and warm earth tones for a cohesive boho-luxe spa experience.



Side Table Curation

MATERIAL MIX:
Natural Cane (side table), Wax (candle), Clay (pots), Essential Oils (products).
INSPIRATION:
Sensory Oasis.

COLOUR PALATTE

Dark Stained Wood (from massage table)

Natural Rattan Cane Webbing (from chairs)

Earth-Toned Pebble Floor

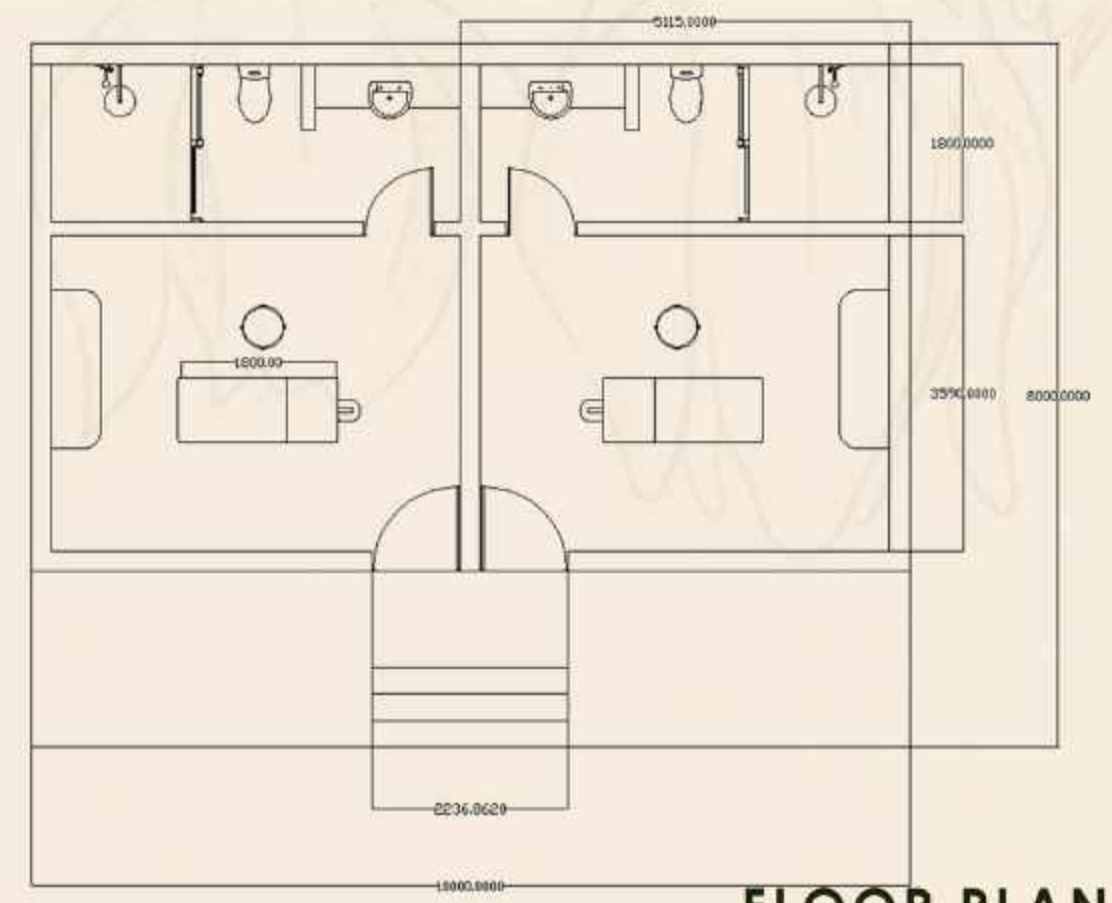
Textured Cream Linen (from daybed)

Warm Wall Plaster

SPA MOOD COLOR PALETTE

Warm Amber Ochre Cream Dark Walnut Terra Cotta

Textile Weave Patterns (macrame, patterned cushion)



FLOOR PLAN





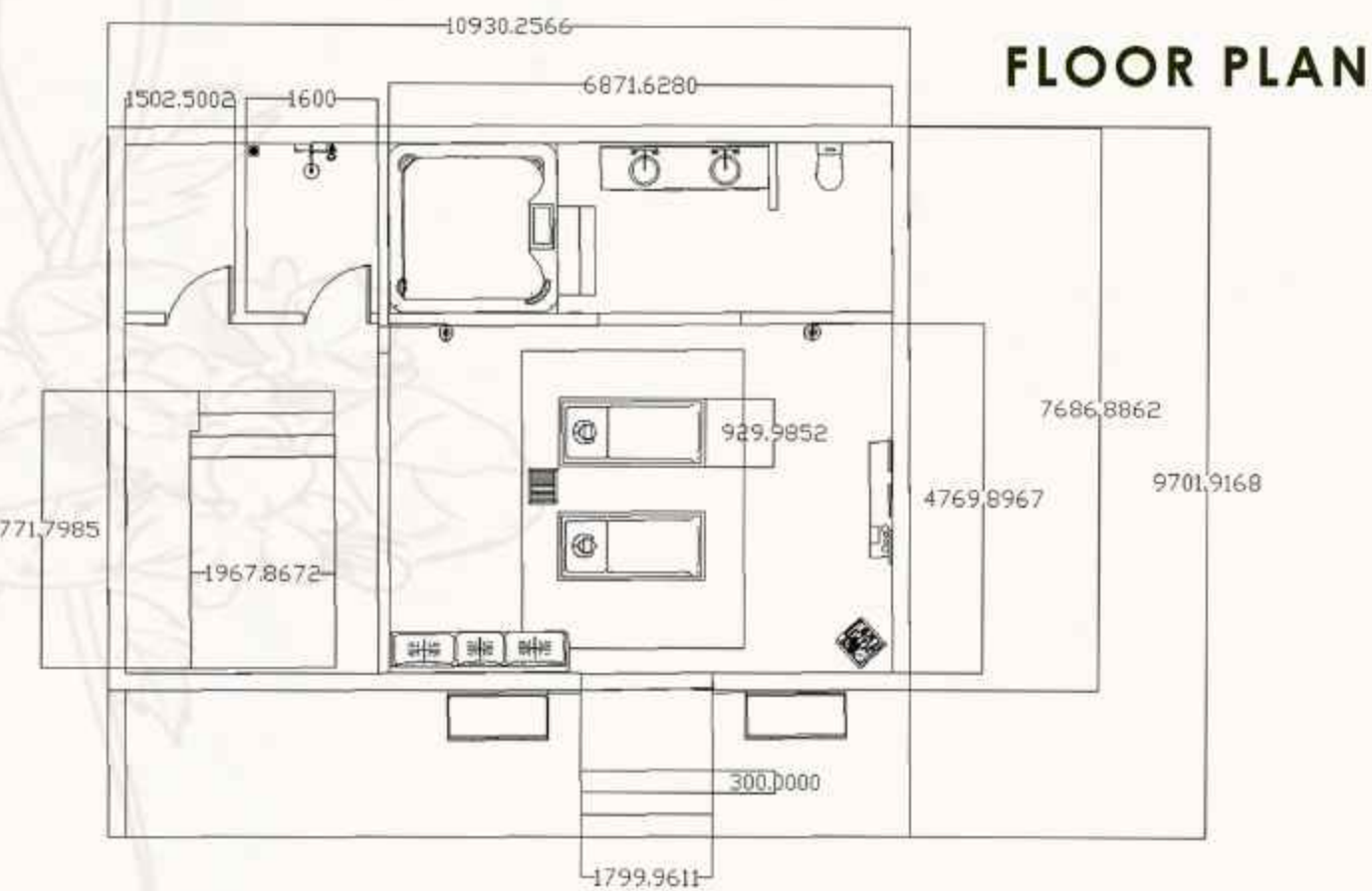
SOLÉA

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COUPLE MASSAGE ROOM



VIEW PORTS



MATERIAL MOODBOARD



WALL SCONCE
Rattan Weave
Warm Ambient Lighting



PLANTER & GREENERY
Tropical Plants with
Uplighting



RATTAN SIDE TABLE
Natural Cane/Rattan
Two-Tier Storage



DECORATIVE LADDER SHELF
Teak Wood
Open Display & Storage



MASSAGE TABLE
Dark Stained Wood Base
Cream Upholstery
with Face Cradle



UPHOLSTERED DAYBED
Cane Back & Wood Base
Natural Linen Fabric
Textured Accent Pillow

WOOD FINISHES



TEAK WOOD
Natural Finish



DARK WALNUT
Stain



NATURAL RATTAN
Cane Webbing



LINEN TEXTURE
Upholstery Fabric



MACRAME WEAVE
Textile Accent



JUTE RUG
Natural Fiber

NATURAL FIBERS & TEXTILES



TRAVERTINE LOOK
Wall Plaster



PEBBLE TILE
Flooring



NATURAL STONE TILE
Shower Area



WOOD DECKING
Pool Surround



CREAM LINEN
Upholstery



WOVEN ACCENT
Pillow



THROW BLANKET
Linen/Cotton

UPHOLSTERY & SOFT GOODS

COLOUR PALATTE

