

ETHNIC CRAFT MARKET

Advancing Ethnic Craft Culture Through Architecture:
Design of a Craft Market Addressing Rakhain Community in Kuakata

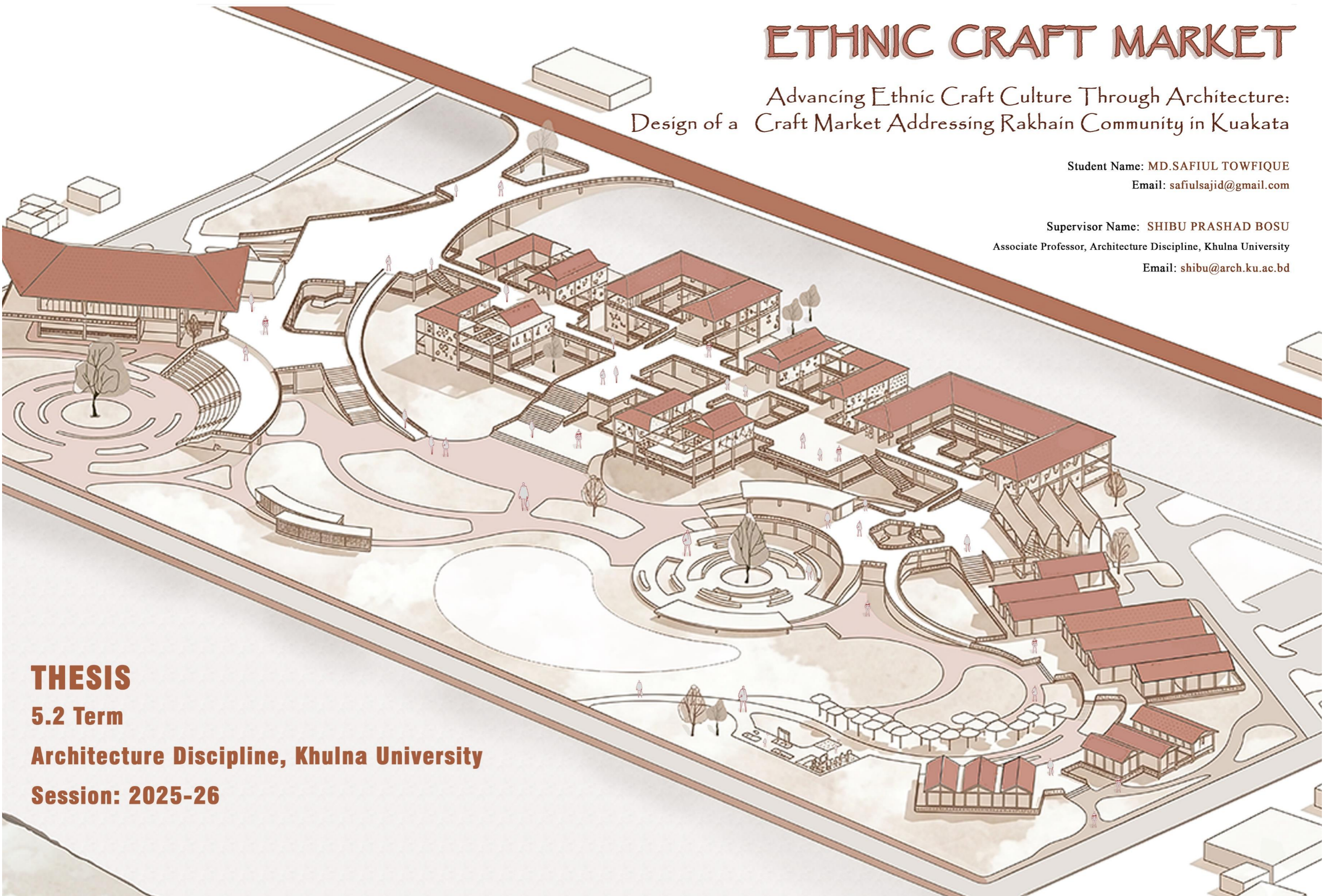
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THESIS

5.2 Term

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01. ADVANCING ETHNIC CRAFT CULTURE THROUGH ARCHITECTURE: DESIGN OF A CRAFT MARKET ADDRESSING RAKHAIN COMMUNITY IN KUAKATA

This research adopts a design-based methodology that integrates ethnographic study with architectural principles, analyzing the spatial organization and material culture of Rakhain settlements to inform a culturally authentic design. The proposed marketplace emphasizes passive strategies for ventilation, shading, and flood resilience, while prioritizing locally sourced, sustainable materials.

The study's key outcome is the design of a climate-responsive marketplace that showcases Rakhain crafts while fostering economic growth and cultural continuity. Such a market can serve as a hub for authentic cultural exchange and a model for responsible tourism ensuring safeguarding craft traditions, strengthening community resilience, and promoting environmentally conscious development.



RESEARCH OBJECTIVES

1 Identify

To understand the ethnic identity through culturally rooted architectural spaces that reflect their values, traditions, and way of life.

2 Promote

To promote Rakhain cultural heritage through a climate responsive marketplace that optimizes environmental comfort, accessibility, and spatial flexibility to host exhibitions and events.

3 Design

To design an inclusive and sustainable ethnic marketplace that provides direct trade access for Rakhain artisans and fishermen, supporting fair-trade practices, economic empowerment, and environmental resilience.

COLOURFUL LIFE OF RAKHAINS



Baskets (Dala)

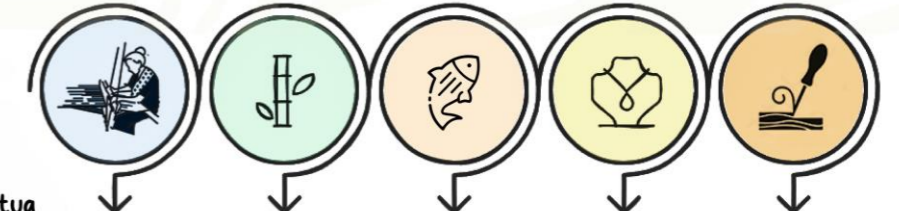


Traditional Jhuri



Colourful Threads

Hand-woven cotton and silk fabrics



Handloom Textiles

Handloom Textiles: Fine-threaded, red fabrics with geometric patterns.

Bamboo & Cane

Bamboo & Cane: Durable, eco-friendly household and utility items.

Fishing

Fishing: Livelihood linked with fishing from the sea & dry fish processing, shapes coastal identity.

Jewelry & Accessories

Jewelry & Accessories: Crafted from seeds, shells, and recycled materials.

Wooden Crafts

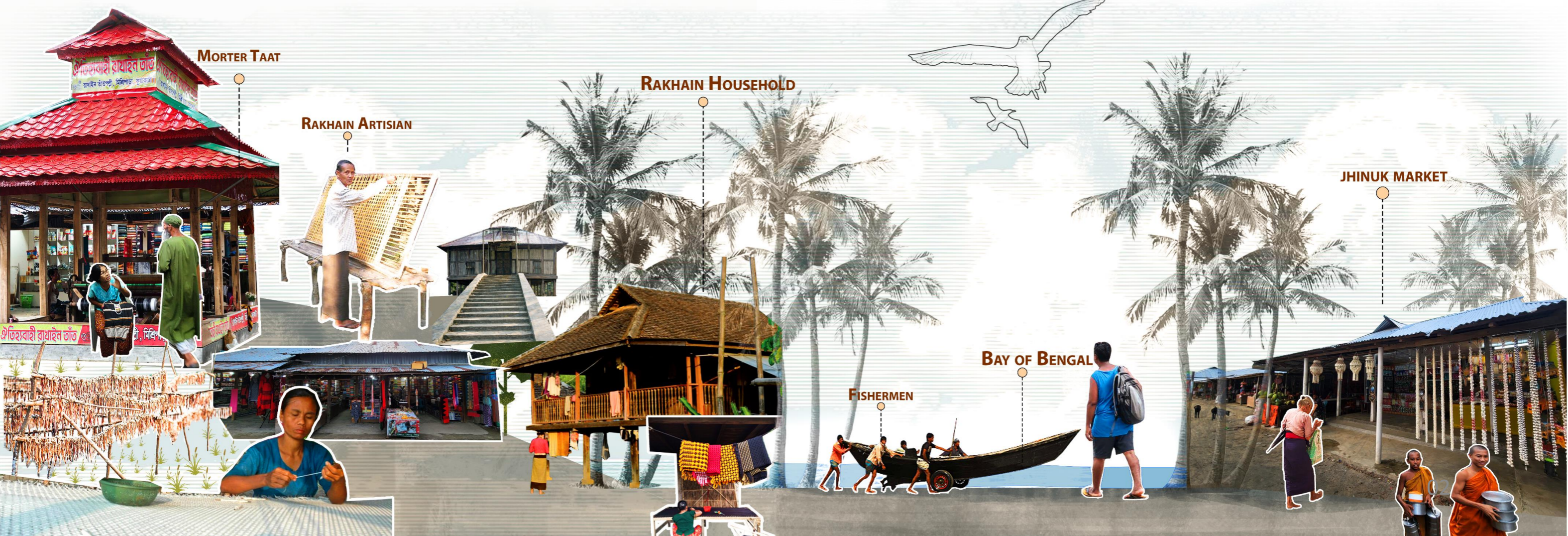
Wooden Crafts: Miniature boat replicas and carved objects with tribal engravings.



Fatua

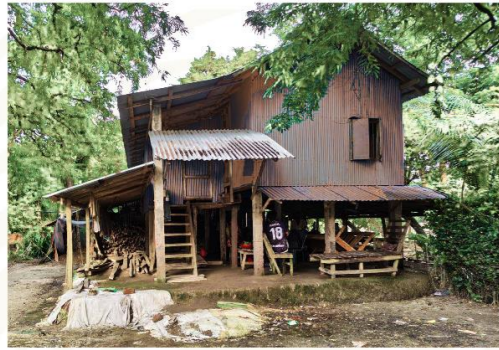
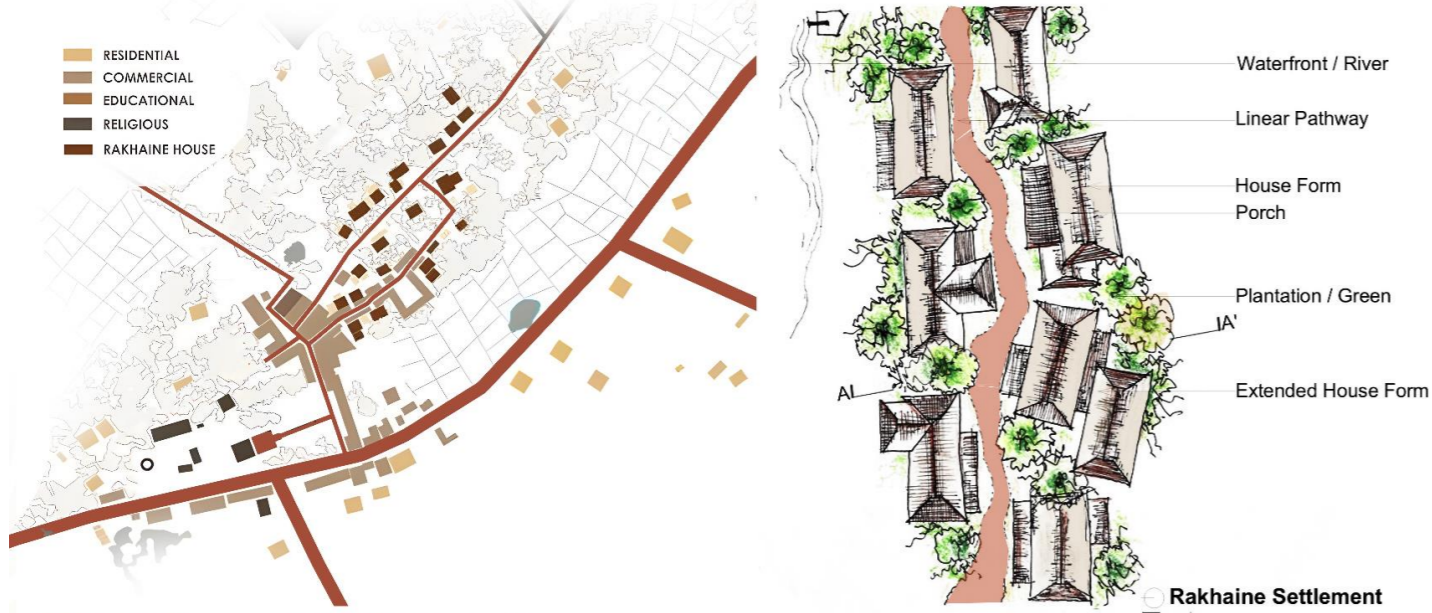


Shawls and Scarves

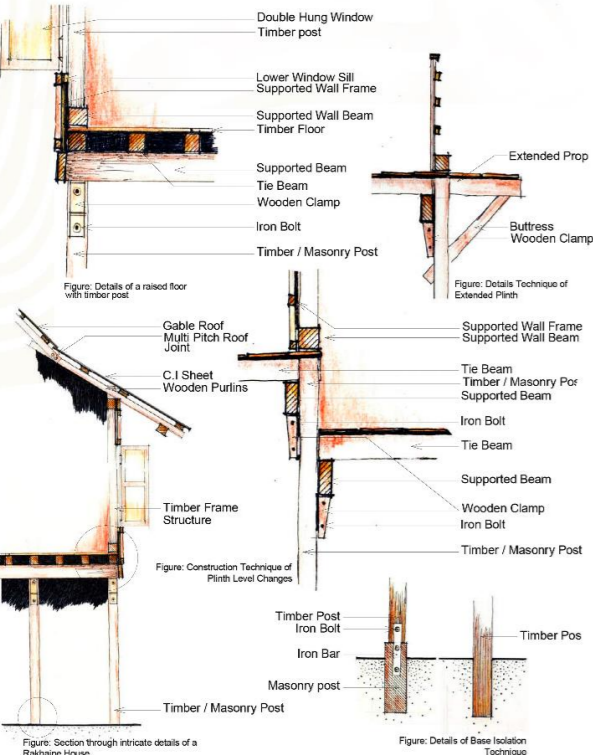


BUILT ENVIRONMENT ANALYSIS

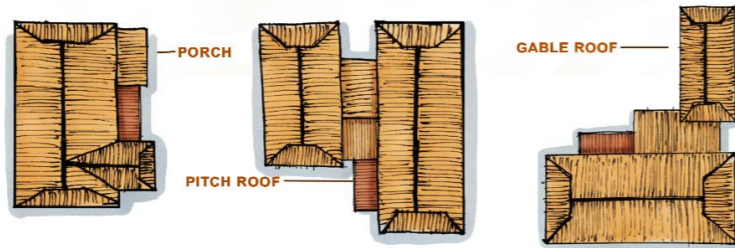
HOUSE AND SETTLEMENT TYPE OF RAKHAIN IN MISRIPARA, KUAKATA



CONSTRUCTION TECHNIQUE



ROOFING

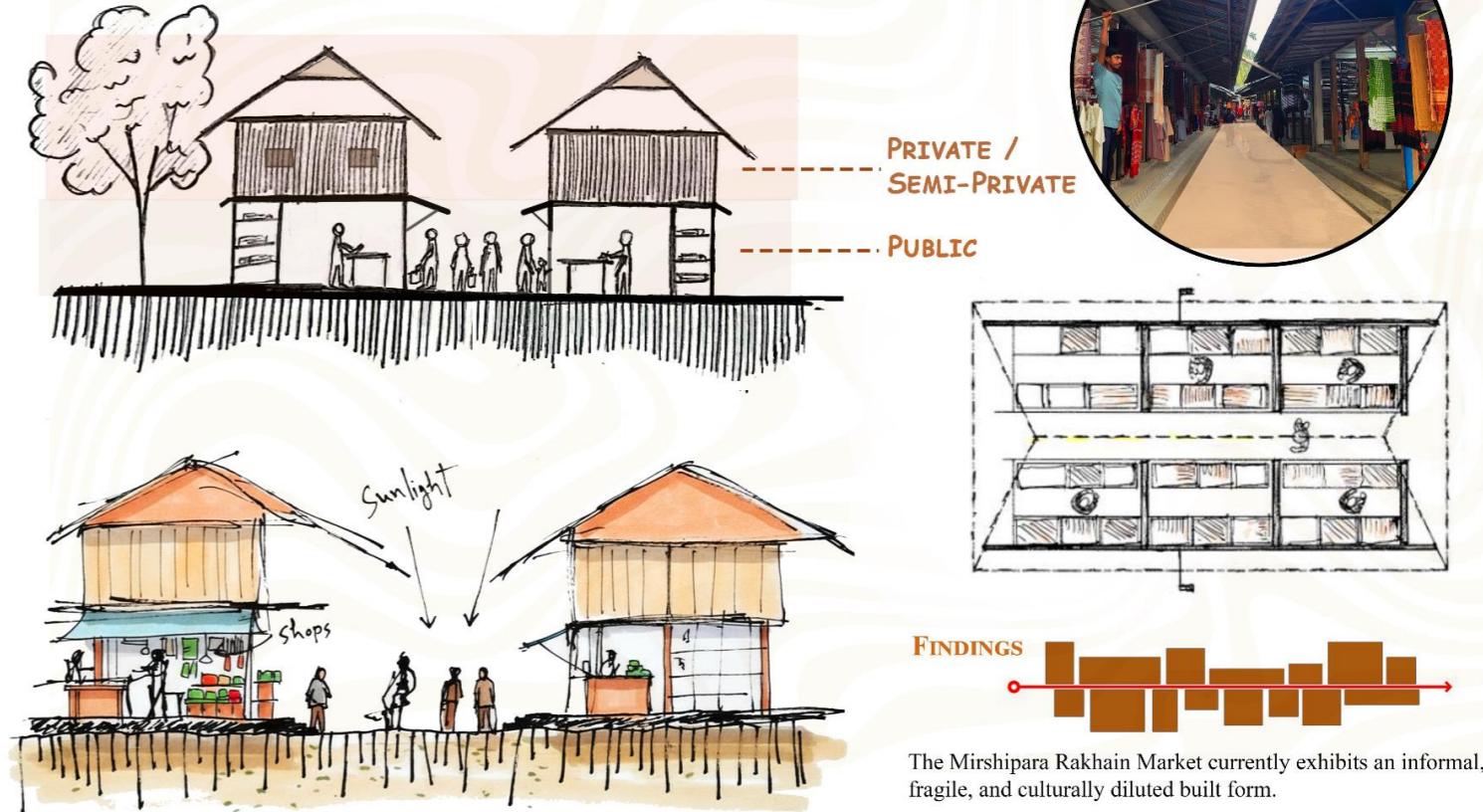


HOUSEHOLD PATTERN

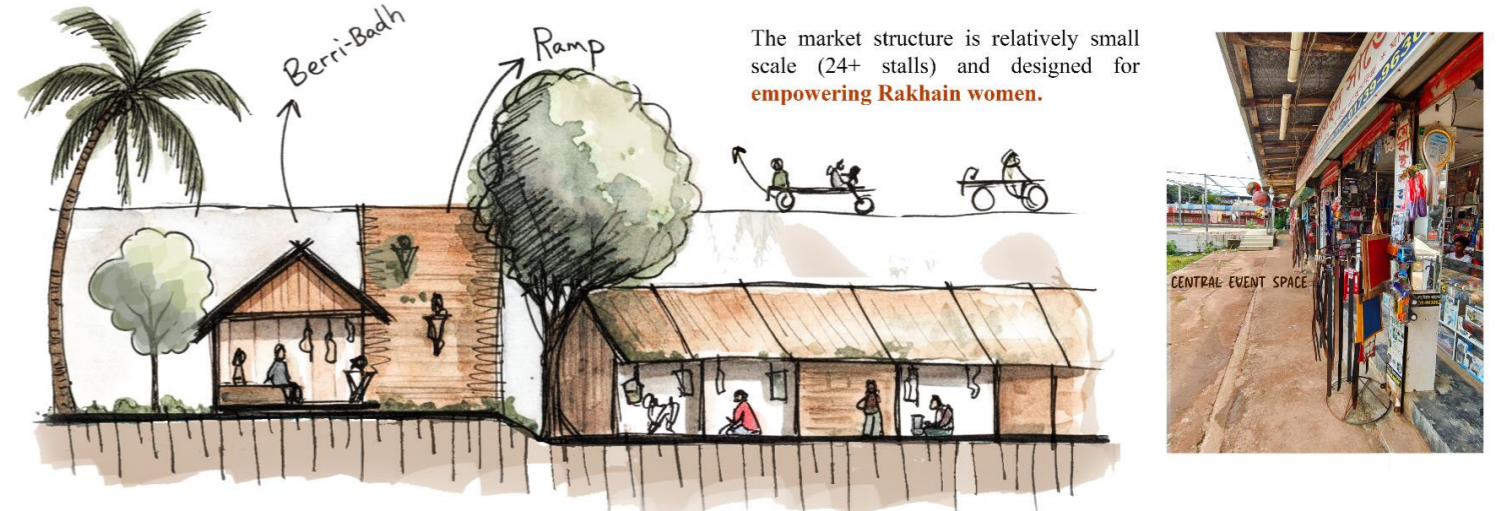


EXISTING MARKET ANALYSIS

1. RAKHAIN MARKET, MISHRIPARA



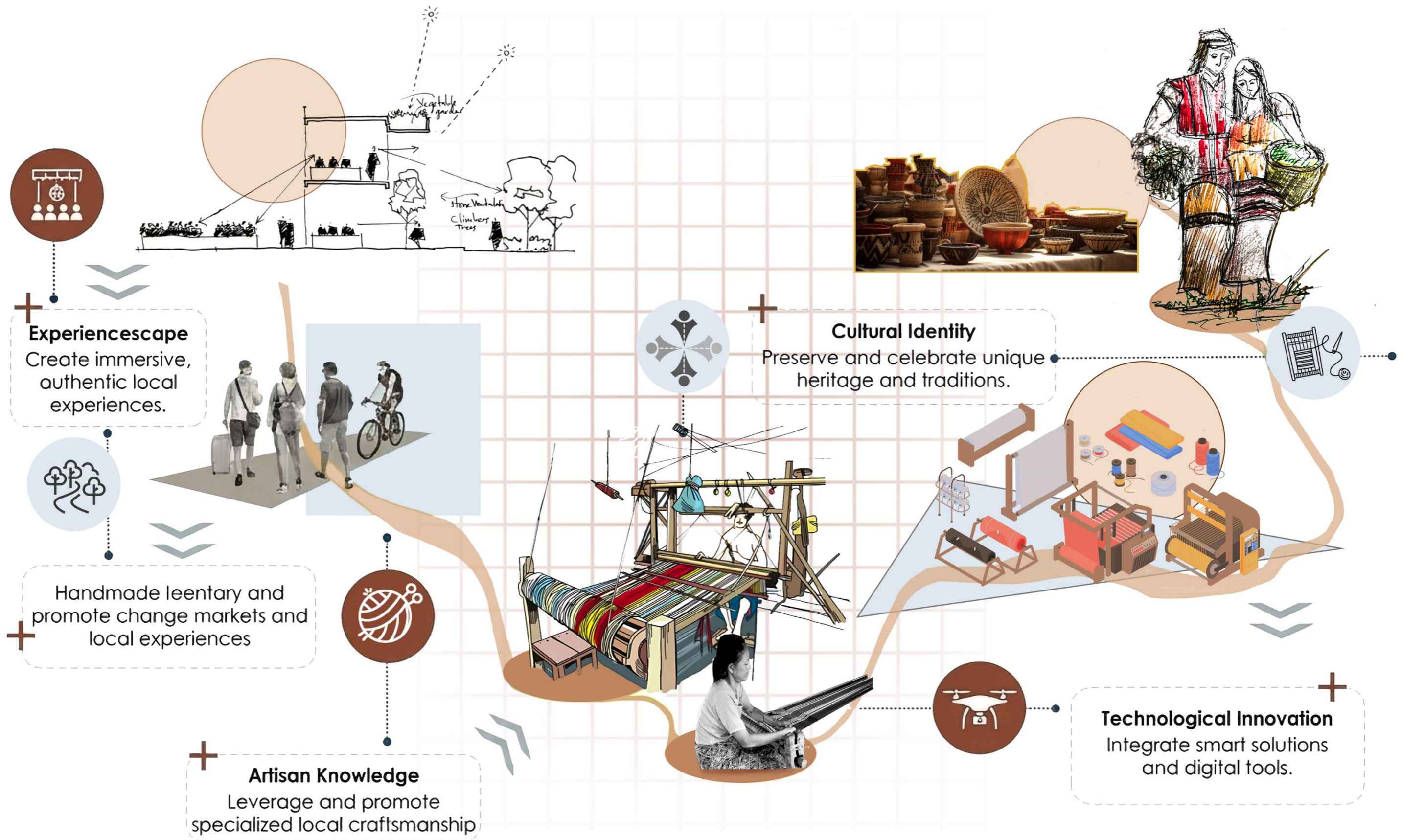
2. RAKHAIN WOMENS MARKET



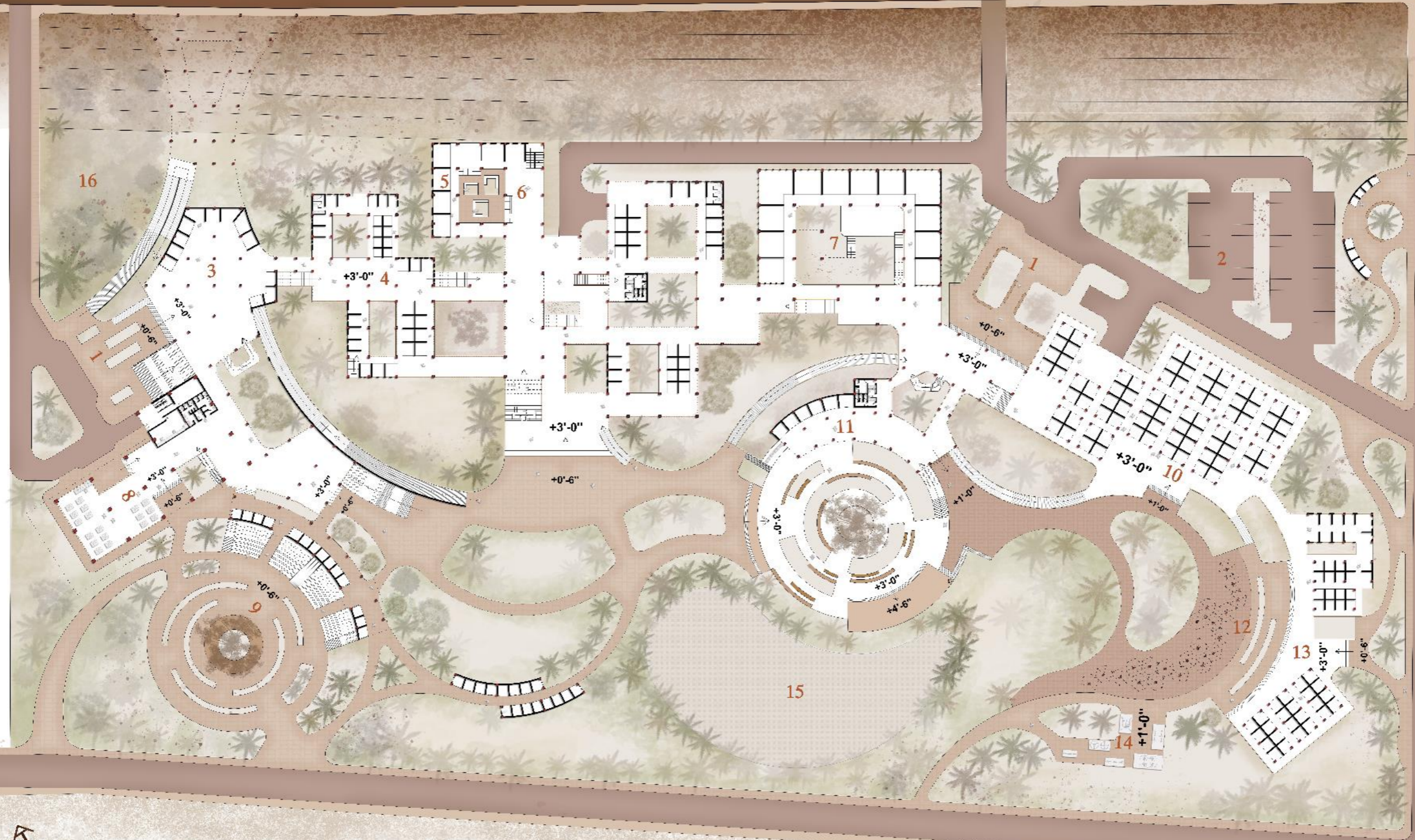
3. LIVE FISH BBQ MARKET



VALUE CREATION MODEL



15'

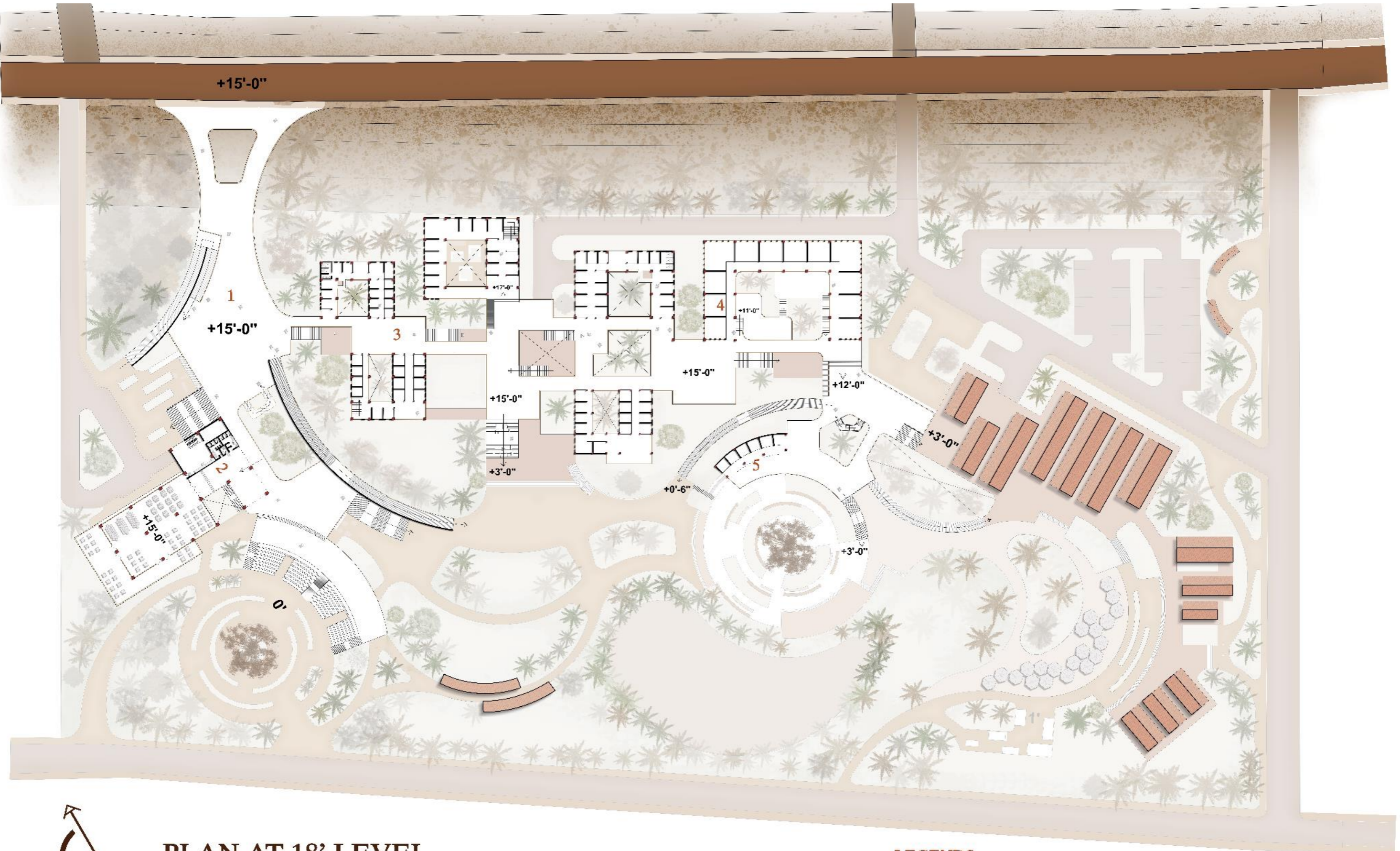


PLAN AT 6' LEVEL
 SCALE : 1/16" = 1'-0"

LEGENDS

- 1. VEHICLE ENTRANCE
- 2. PARKING
- 3. ENTRANCE LOBBY
- 4. RETAIL TEXTILE SHOPS
- 5. INFORMAL COMMUNITY DISCUSSION
- 6. LEARNING & SKILL EXCHANGE STUDIOS
- 7. CRAFTING STUDIOS

- 8. INFORMAL FOOD ZONE
- 9. OPEN AIR CONCERT HALL
- 10. DRY FISH MARKET
- 11. LIVE FISH BBQ ZONE
- 12. INFORMAL VENDOR ZONE
- 13. SEA BASED CRAFT SHOPS
- 14. KIDS ZONE
- 15. EVENT SPACE
- 16. JHAU FOREST



PLAN AT 18' LEVEL

LEGENDS

- | | |
|------------------------|----------------|
| 1. PEDESTRIAN ENTRANCE | 4. BRAND SHOPS |
| 2. CAFE | 5. BBQ SHOPS |
| 3. RETAIL CRAFT SHOPS | |



PERSPECTIVE SECTION VIEW



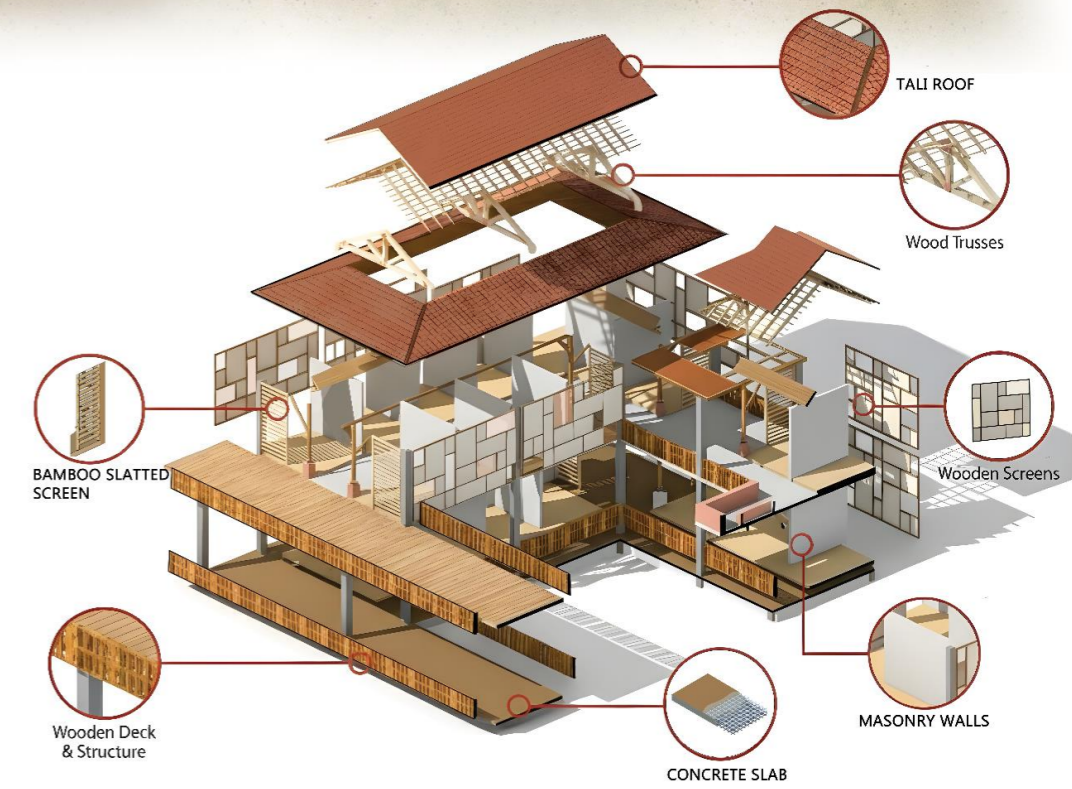
FOOD ZONE SPOT SECTION



FISH MARKET SPOT SECTION



SECTION A-A'



EXPLODED VIEW WITH DETAILED MATERIALS





CIRCULATION AS CULTURAL NARRATIVE



PHYSICAL MODEL IMAGES

