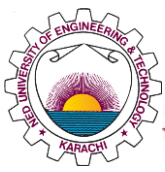


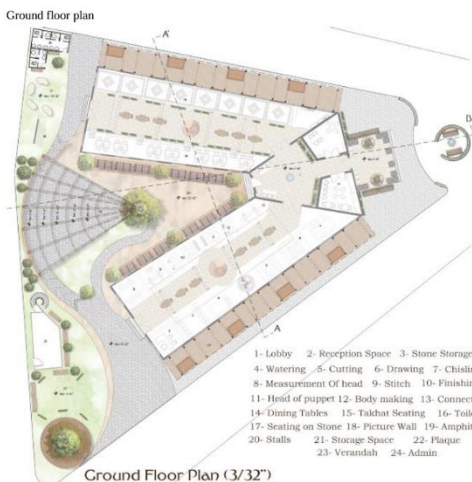
**Final Year Project Showcase Batch-2019  
Year 2024**

<b>Department: Architecture and Planning</b> <b>Programme: Architecture and Planning</b>	
<b>1</b>	<p><b>Project Idea</b></p> <p>The thesis proposes the adaptive reuse of underutilized heritage buildings in Karachi's Rancho Lane as a way to enhance social cohesion among its diverse communities. Specifically, The aim is to transform three heritage buildings—Hassan Ali Hothi Market, Khadija Bai Building, and Wanjhara Mansion—into inclusive “breathing spots” for community interaction and cultural exchange. These rehabilitated structures will serve as communal spaces for the Marwari, Bohri, Rajasthani Hindu, and other local groups, preserving cultural heritage while addressing urban decay.</p>
<b>2</b>	<p><b>Process</b></p> <p><b>📌 Research Phase:</b></p> <ul style="list-style-type: none"> <li>Conducted field research across 11 heritage quarters in Karachi, with a primary focus on Rancho Lane. This involved documenting the condition, usage, and accessibility of heritage structures, as well as analyzing the communities living there.</li> <li>Identified theories of adaptive reuse, social cohesion, and heritage conservation in literature.</li> <li>Community engagement through interviews to understand their connection to heritage and social life.</li> </ul> <p><b>📌 Site Analysis and Selection:</b></p> <ul style="list-style-type: none"> <li>Evaluated three heritage buildings based on criteria such as historical significance, level of underutilization, accessibility, and community interest.</li> <li>Analyzed the cultural and social aspects of Rancho Lane and its communities, focusing on social interactions, heritage connections, and challenges to cohesion.</li> </ul> <p><b>📌 Design Process:</b></p> <ul style="list-style-type: none"> <li>Developed heritage trail maps, zoning diagrams, and bubble diagrams for proposed interventions.</li> <li>Created architectural documentation (plans, sections, elevations) for the selected buildings and developed street proposals to integrate the revitalized spaces with the broader urban fabric.</li> <li>Proposed specific spatial arrangements for community activities and interaction areas within the buildings.</li> </ul> <p><b>📌 Community Engagement:</b></p> <ul style="list-style-type: none"> <li>Engaged local communities to co-design the interventions, ensuring the projects resonate with their cultural and social needs.</li> </ul>



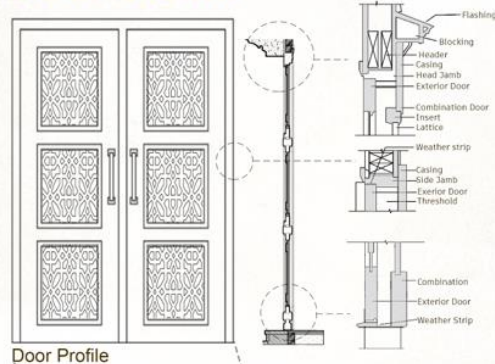
	<ul style="list-style-type: none"> <li>Incorporated street views, interviews, and case studies from successful adaptive reuse projects worldwide as inspiration</li> </ul>
3	<p><b>Outcome</b></p> <p>☑ <b>Social Cohesion:</b> The project will revitalize neglected heritage buildings, turning them into active community hubs where diverse groups can interact and engage in cultural activities. This will foster a sense of belonging and ownership among residents, promoting mutual understanding and cohesion.</p> <p>☑ <b>Heritage Conservation:</b> By repurposing these structures, the project ensures their preservation, countering the threat of demolition while celebrating the local cultural identity.</p> <p>☑ <b>Economic Revitalization:</b> The inclusion of markets and public spaces within the heritage buildings will also contribute to local economic growth through tourism and small-scale commerce.</p>
4	<p><b>Evidence (Theoretical Basis)</b></p> <p>☑ <b>Adaptive Reuse:</b> As highlighted in my literature review, adaptive reuse is a proven strategy in heritage conservation, creating sustainable uses for buildings while retaining their historic value.</p> <p>☑ <b>Social Cohesion:</b> Theories of social cohesion emphasize shared spaces as critical for fostering communal ties, especially in diverse neighborhoods like Ranchore Lane.</p> <p>☑ <b>Heritage Conservation Theories:</b> The thesis have grounded the project in international practices and policies advocating for the preservation of heritage through active community participation and usage.</p>
5	<p><b>Competitive Advantage or Unique Selling Proposition</b></p> <p>☑ <b>Cultural Sensitivity:</b> The adaptive reuse project specifically addresses the multicultural nature of Ranchore Lane by involving local communities and responding to their cultural and social needs.</p> <p>☑ <b>Sustainability:</b> By repurposing existing buildings instead of new construction, the project minimizes environmental impact and aligns with sustainable development goals.</p> <p>☑ <b>Community-Centered Design:</b> Unlike many heritage conservation efforts that focus solely on aesthetics, the project prioritizes community engagement and social interaction, creating functional spaces that serve the public</p>
a	<p><b>Attainment of any SDG (e.g. How it is achieved and why it is necessary for the region)</b></p> <p>The project directly contributes to several Sustainable Development Goals (SDGs):</p> <ul style="list-style-type: none"> <li><b>SDG#11: Sustainable Cities and Communities:</b> By transforming underutilized heritage buildings into communal spaces, the project promotes sustainable urban development and inclusivity.</li> <li><b>SDG#8: Decent Work and Economic Growth:</b> Through revitalized market spaces and increased tourism, the project boosts local economies and creates opportunities for employment.</li> </ul>

	<ul style="list-style-type: none"> <li>• <b>SDG#16: Peace, Justice, and Strong Institutions:</b> Promoting social cohesion and cultural exchange fosters peaceful co-existence among Rancho Lane’s diverse communities.</li> </ul>
d	<p><b>Process Improvement which Leads to Superior Product or Cost Reduction, Efficiency Improvement of the Whole Process</b> (e.g. What is the issue is current process and what improvement you suggests)</p> <ul style="list-style-type: none"> <li>☑ <b>Efficiency:</b> By reusing existing structures, the project is cost-efficient and environmentally friendly, reducing the need for new construction materials and energy.</li> <li>☑ <b>Community Collaboration:</b> The iterative design process, with input from local residents, leads to a superior product that is more likely to be accepted and maintained by the community.</li> <li>☑ <b>Heritage Documentation:</b> The detailed documentation and analysis of heritage buildings in Rancho Lane can serve as a model for future conservation efforts in similar urban areas</li> </ul> <p><b>Improvement of the Whole Process:</b></p> <ul style="list-style-type: none"> <li>• <b>Data-Driven Design:</b> Leveraging the research findings from community interviews and site documentation, The thesis have fine-tuned the adaptive reuse proposals to be more contextually relevant.</li> <li>• <b>Interdisciplinary Approach:</b> Combining architectural design with sociological, economic, and environmental perspectives results in a comprehensive process that addresses multiple aspects of heritage conservation and community building.</li> </ul>
7	<p><b>Team Members</b> (Names along with email address)</p> <p>Muhammad Bilal (bikhamisa46@gmail.com)</p>
8	<p><b>Supervisor Name</b> (along with email address)</p> <p>Dr Fahmida Sheikh , Ar Meeza Obaid</p>



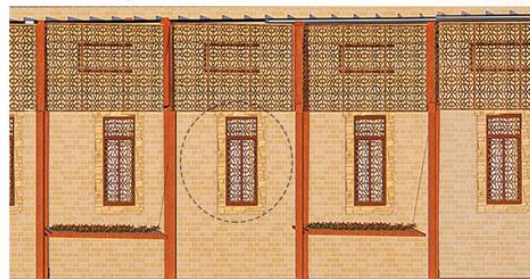
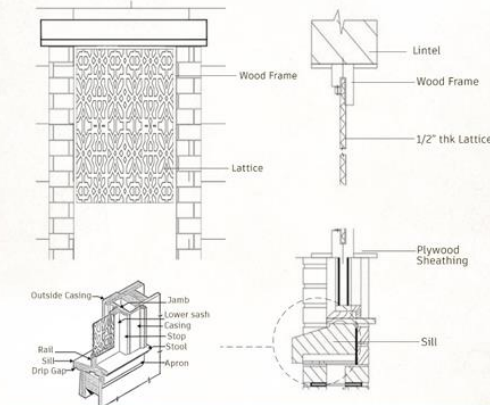


## Door Detail

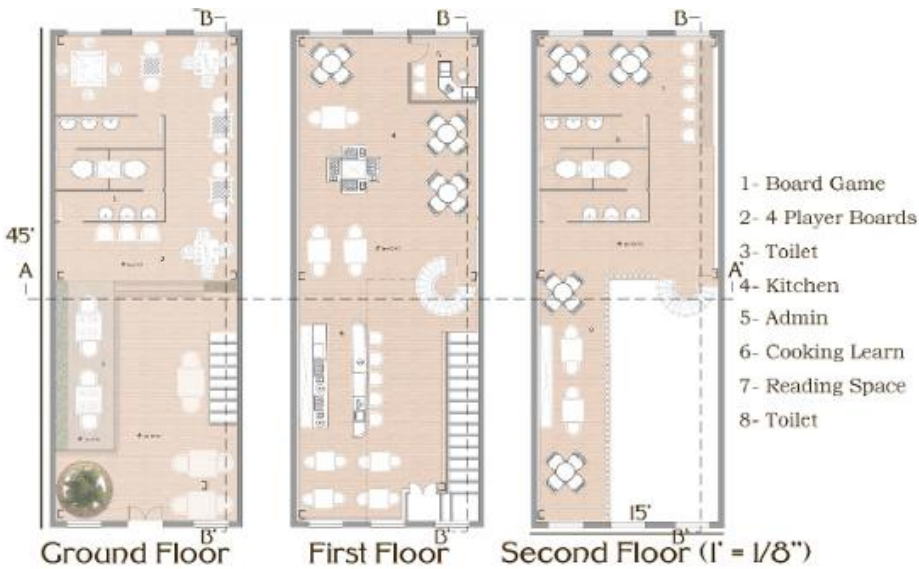
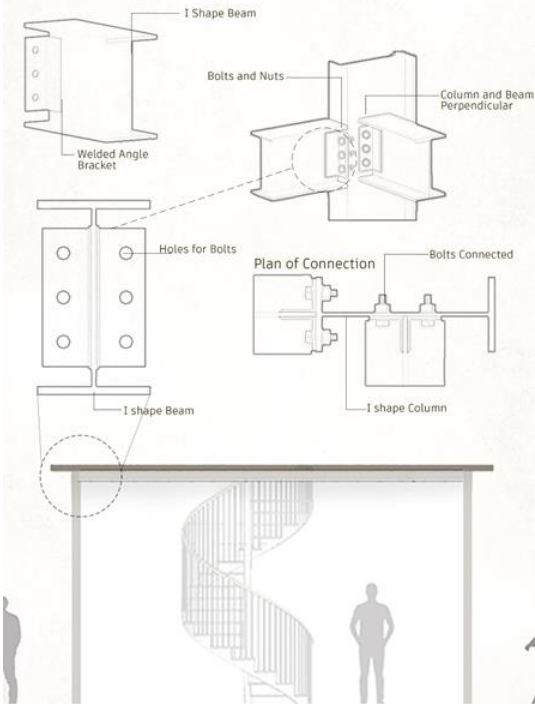


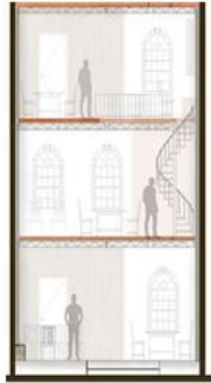
Door Profile

## Window Detail

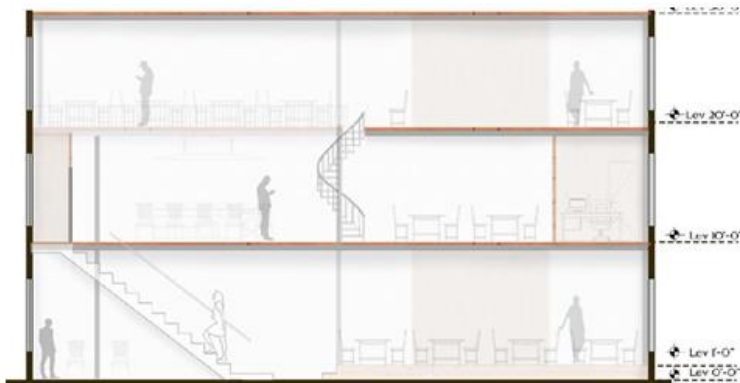


## Mid Loft Structure Detail





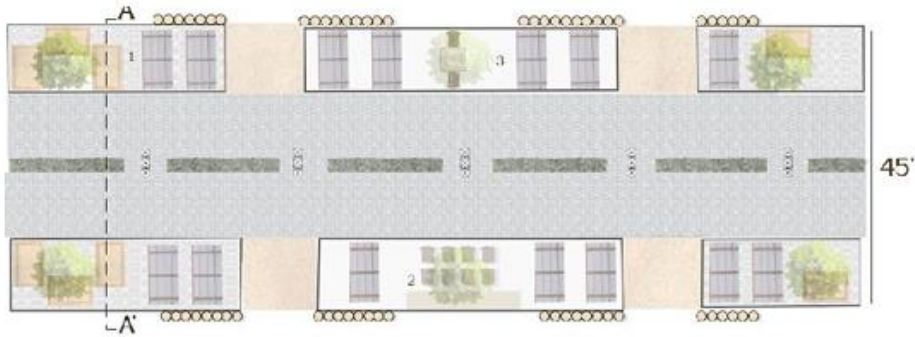
Section A



Section B



### Plan of Street:



Plan (1"=1/16") 1- Takhat Seating 2- Reading Space 3- Board Game

### Street sections

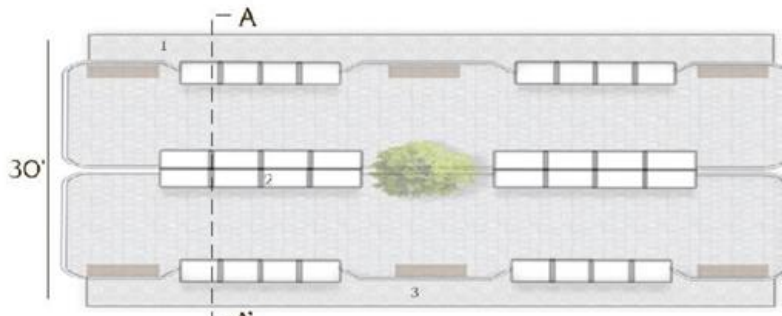


### Section

#### Street Views

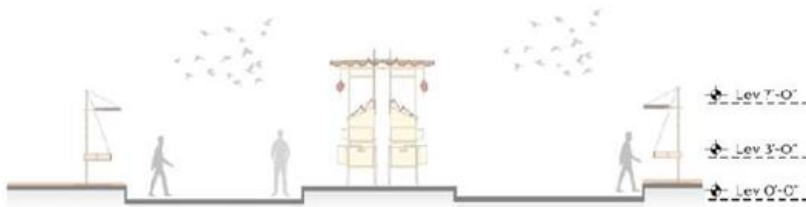


### Street Plan



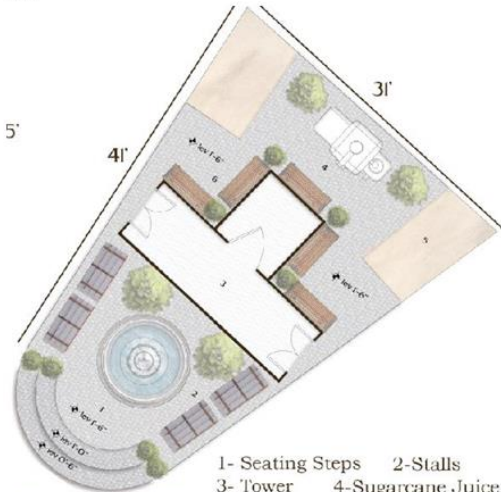
Plan (1"=1/16") 1- Walkway 2- Stalls 3- Benches

### Street Sections:





Plan



- 1- Seating Steps    2-Stalls
- 3- Tower    4-Sugarcane Juice
- 5-Stove Repairing    6-Benches

Plan (1' = 1/8")



Stall Design:

