

pedro velasquez III

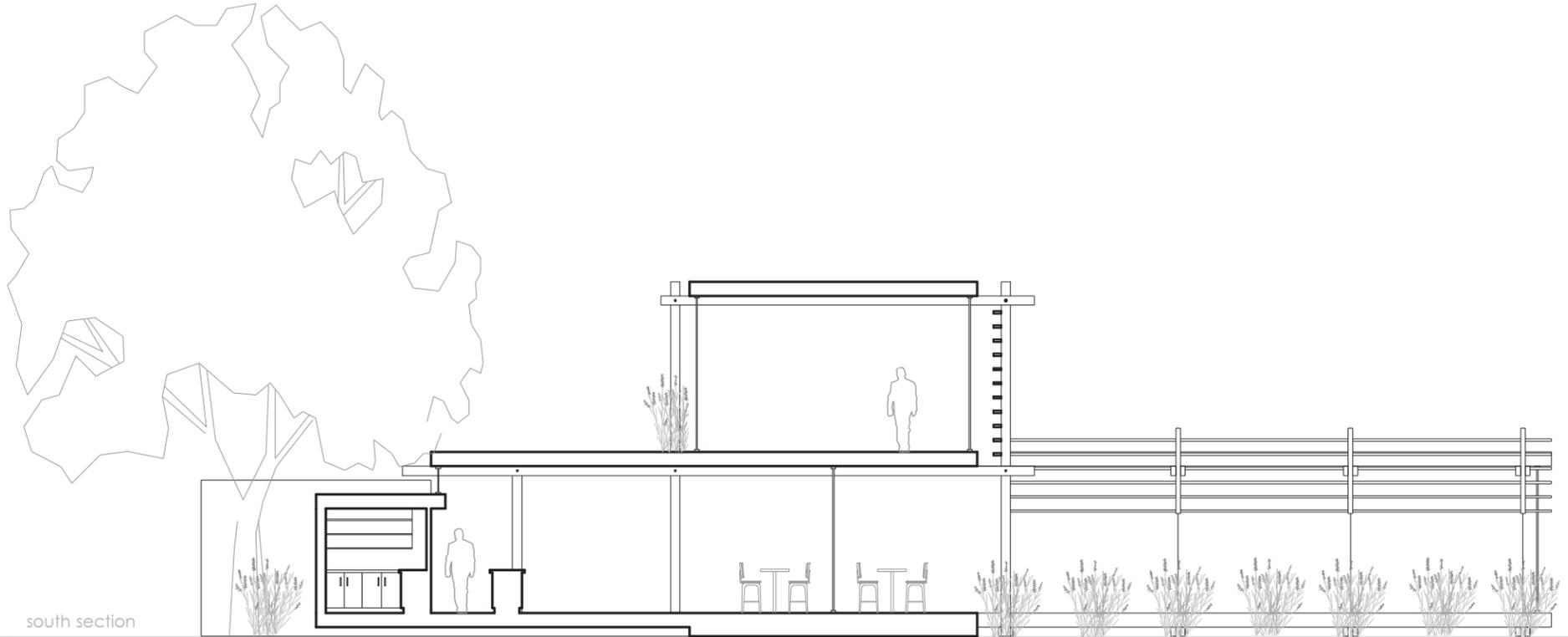
2008 - 2011



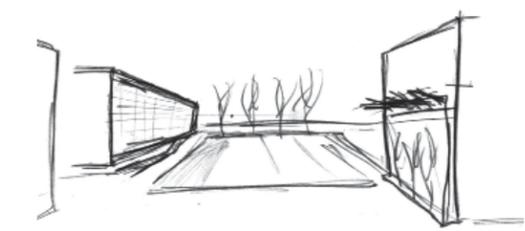
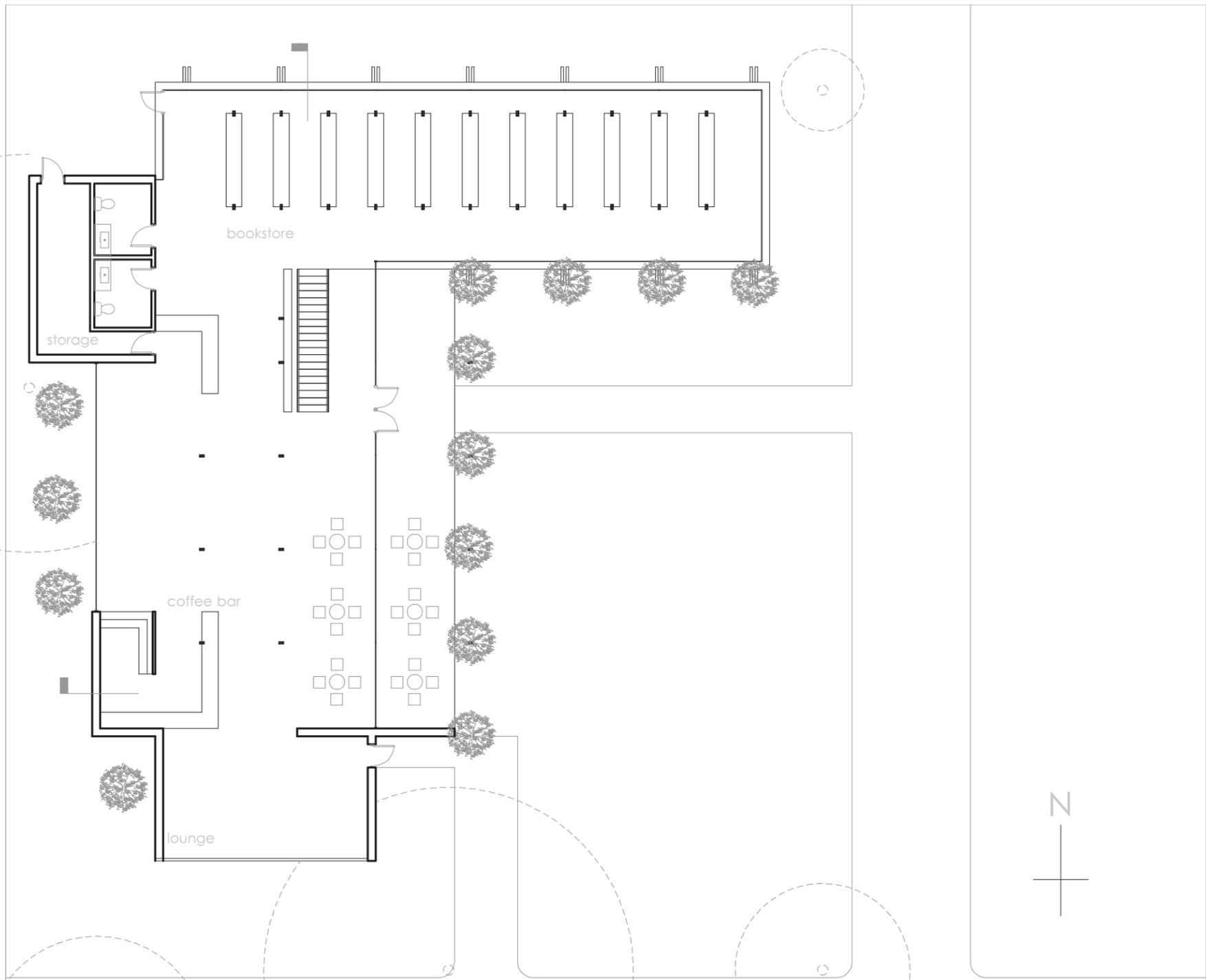
[bookstore & COFFEE BAR

Site:
Menil Neighborhood, Houston TX

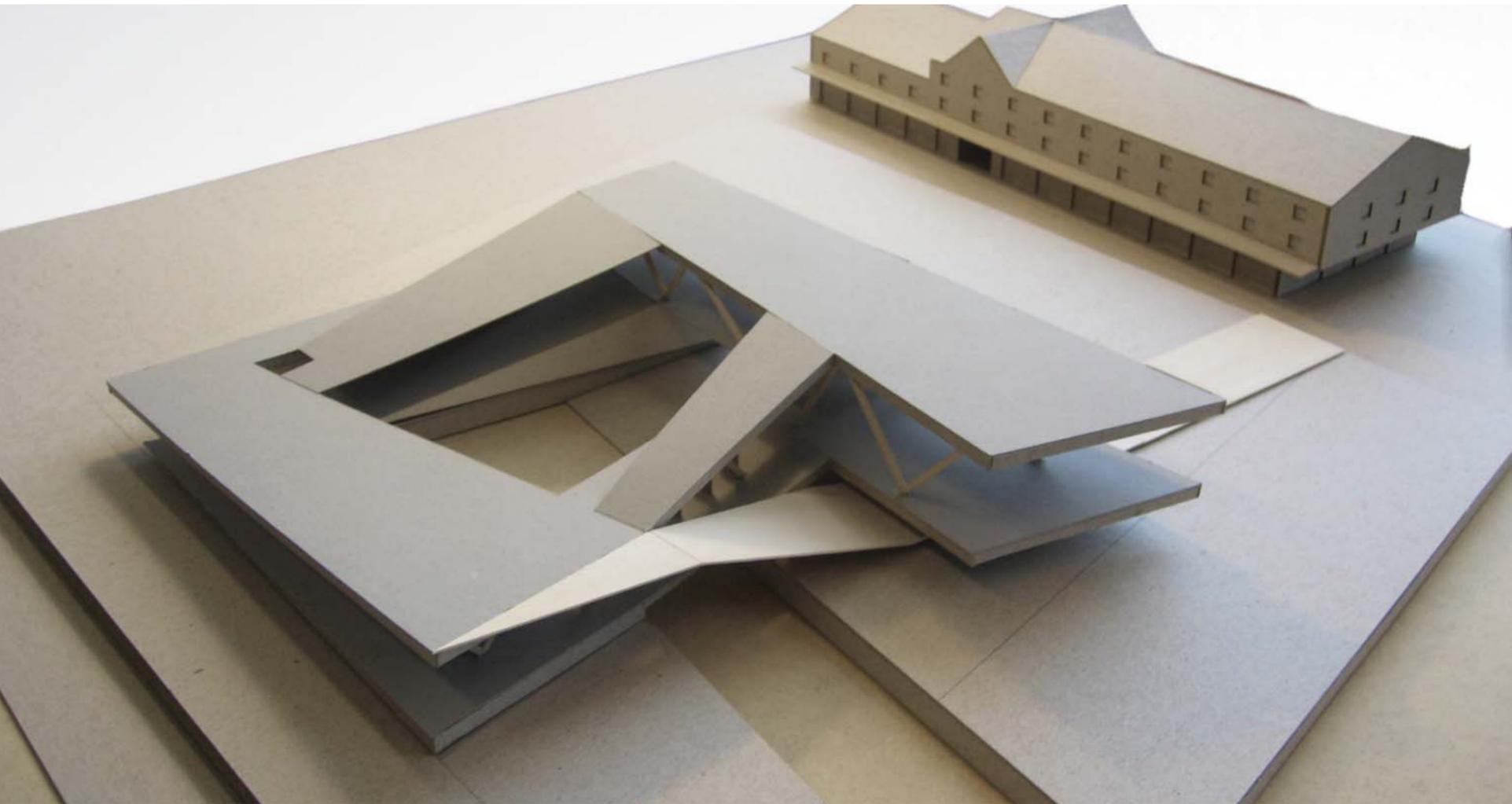
Function:
A new bookstore and coffee bar that accommodates books on architecture, and literary events.



south section



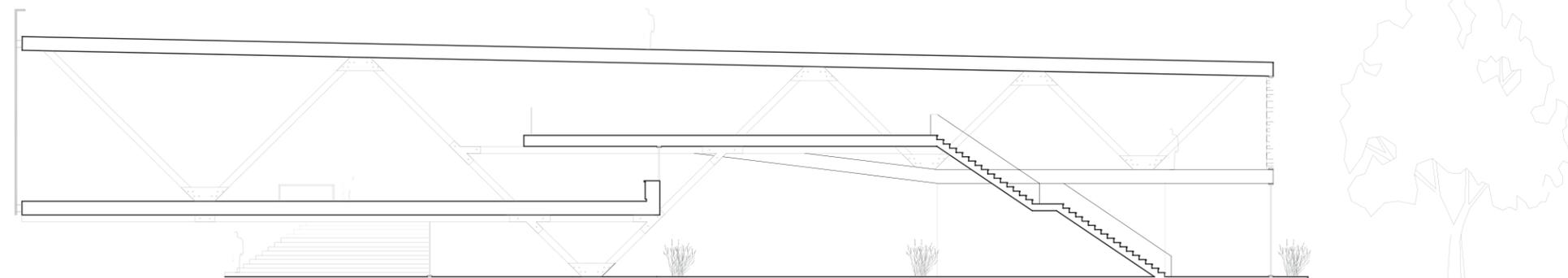
Prospect-refuge theory states that the ability to see (prospect) but not be seen (refuge) is basic to many biological needs. It increases both perceived safety and the aesthetic pleasure experienced in the environment.



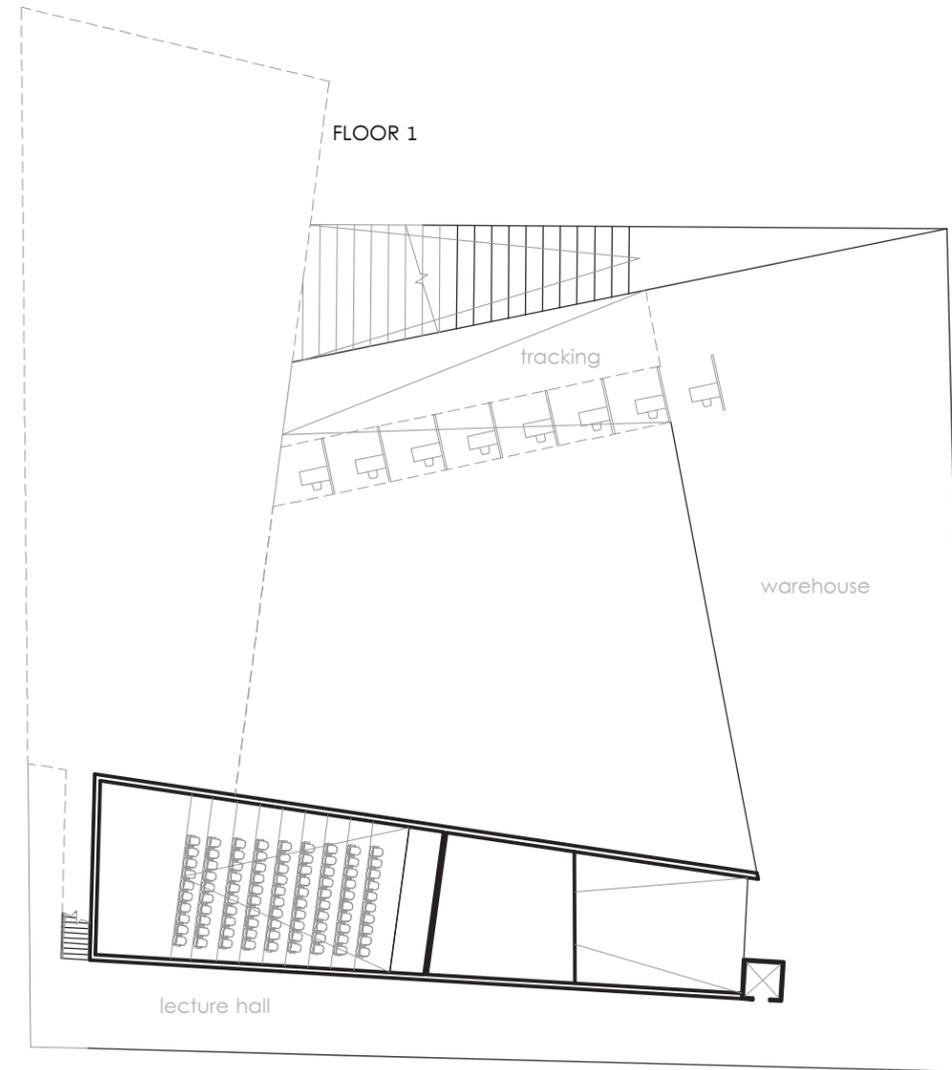
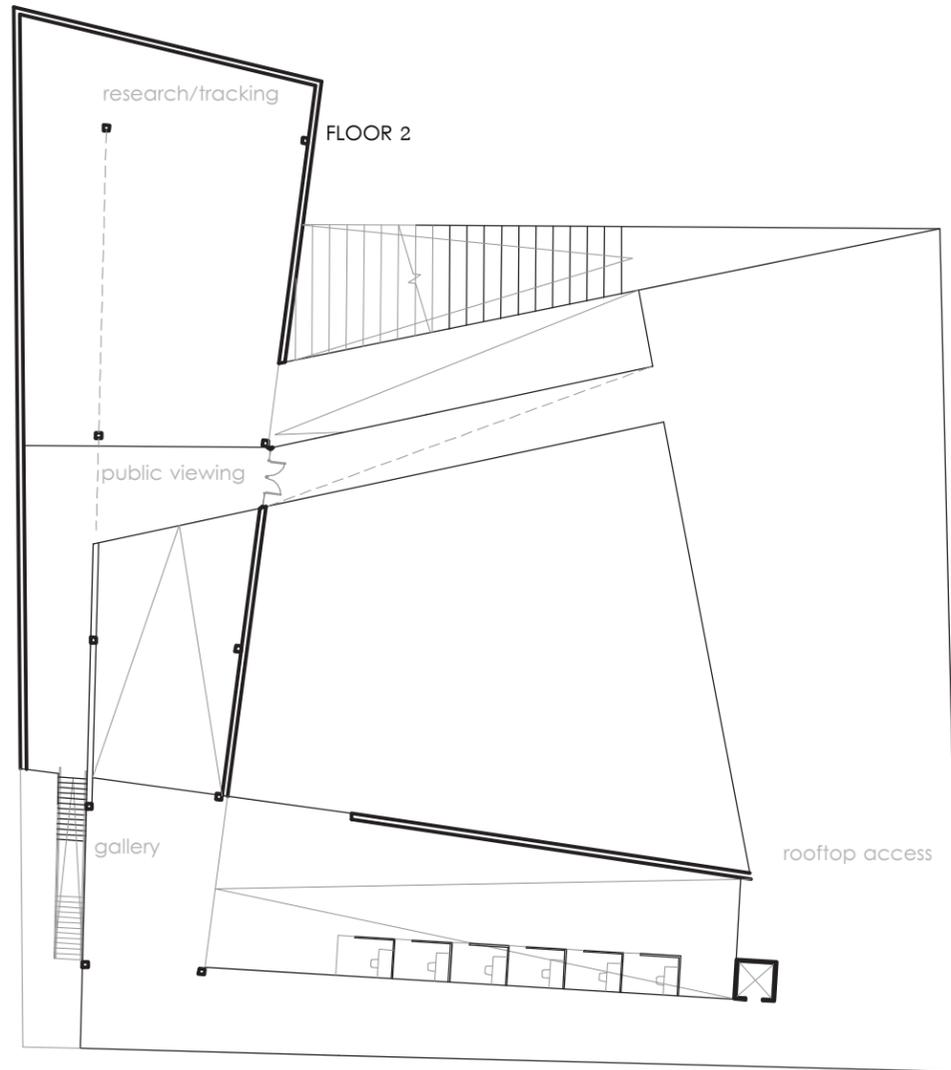
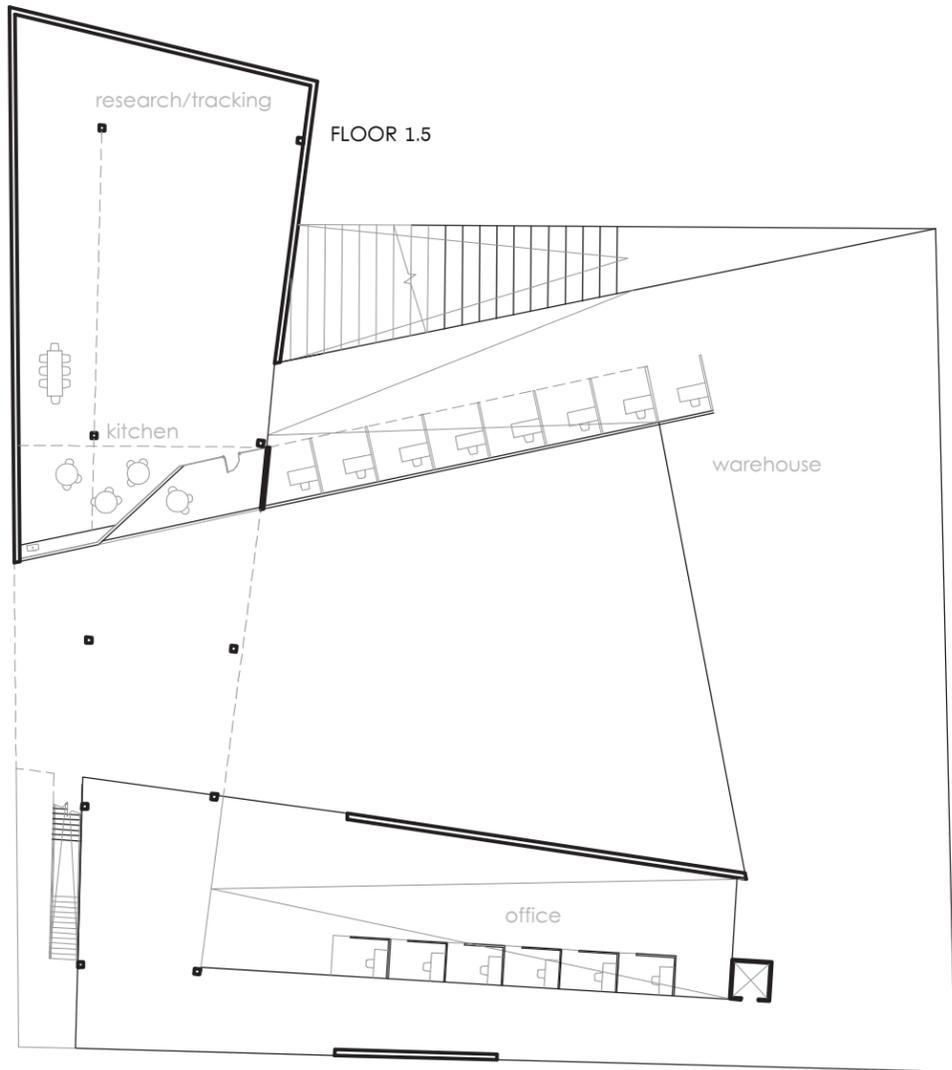
[weather CENTER

Site:
Galveston, TX

A weather research center that will function as a public gallery and emergency supply warehouse.

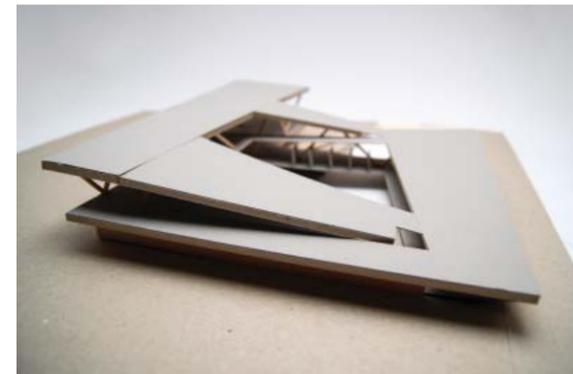


West Section



Concept:

Create a möbius-like circulation that begins from the harbor house, to create continuous spaces and flow through the different programmatic functions and levels of the facility.





[mixed-use NEIGHBORHOOD

Utilizing the Dereck Dellekamp unit system, design a low-income neighborhood in the city of San Miguel De Allende, Mexico while addressing the various issues of that context

Jason Do
Leticia Lopez
Vanessa Sotil
Pedro Velasquez



san juan de dios market

ignacio ramirez market

fine arts institute

parish church

bull ring

benito juarez park

Problem:
The historic charming qualities of this 14th century city has attracted a large number of foreigners to purchase properties, resale properties, and settle. Locals can no longer afford the raised value of their own city and have been pushed to live in poor unhealthy conditions on the outskirts.

Solution:
Establish affordable housing
Introduce diversity, variety, opportunity, choice
Infuse local qualities to the urban scale

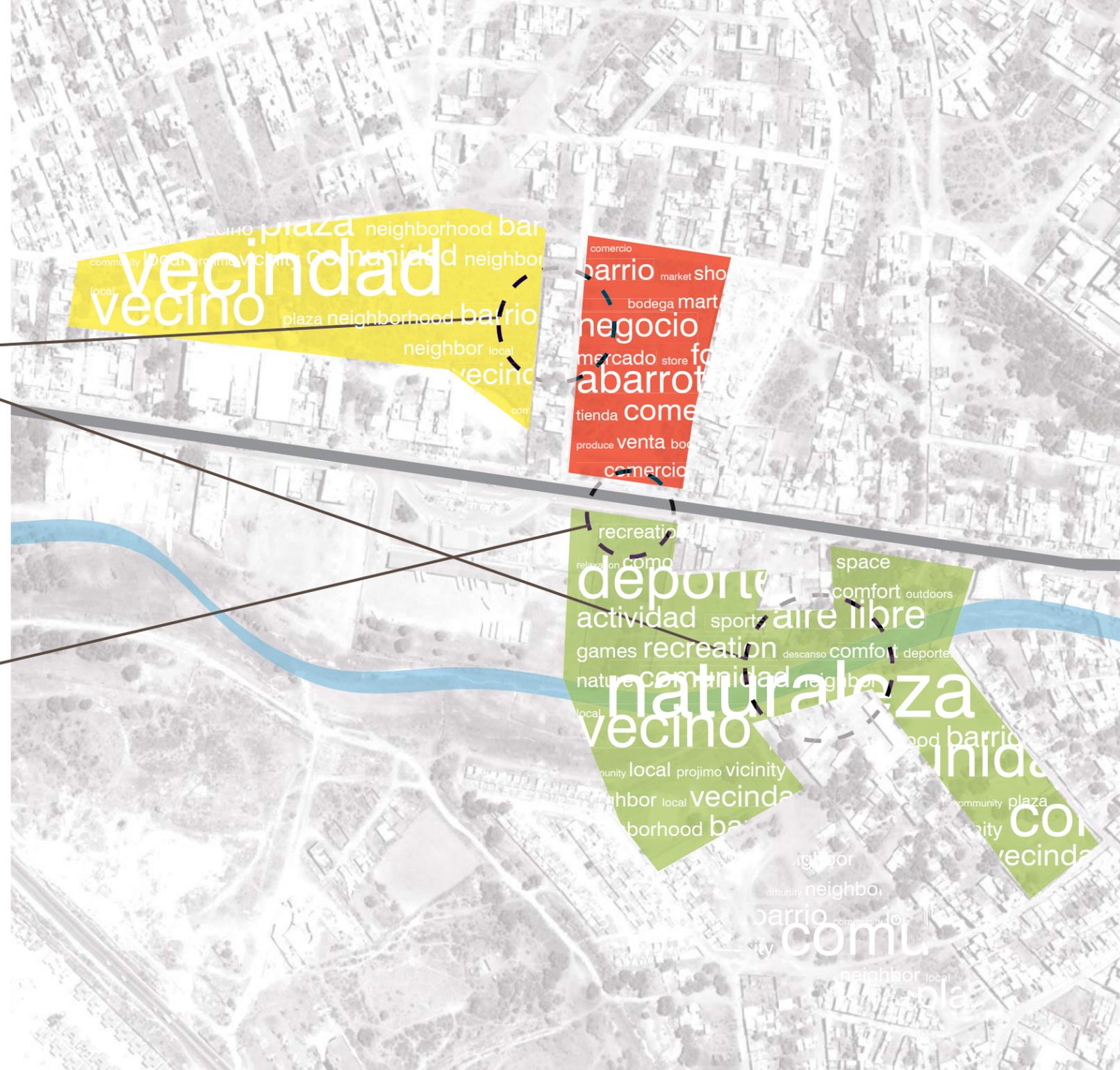
housing



market



recreation



The concept proposes patching a selection of dispersed sites with nodes and paths, and weaving the neighborhood into the existing fabric of the surrounding area. The result is a series of connected sites and public spaces, each with a distinct characteristic.

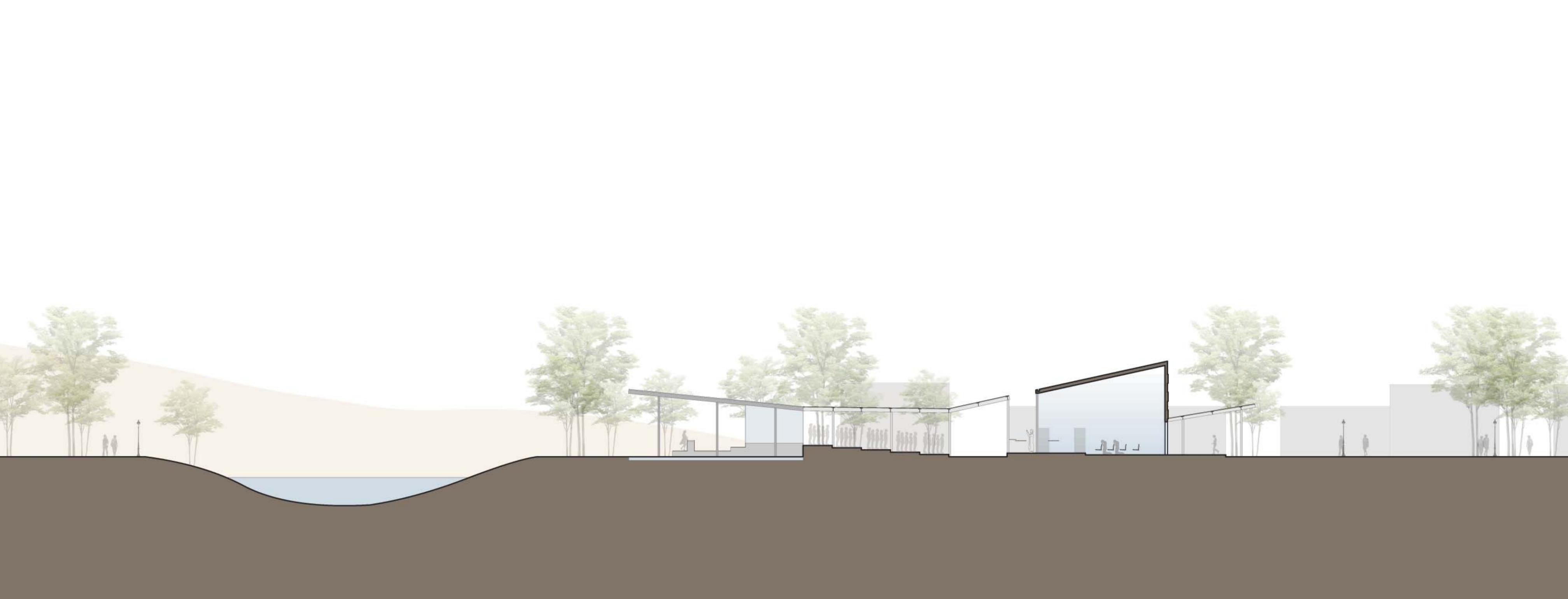


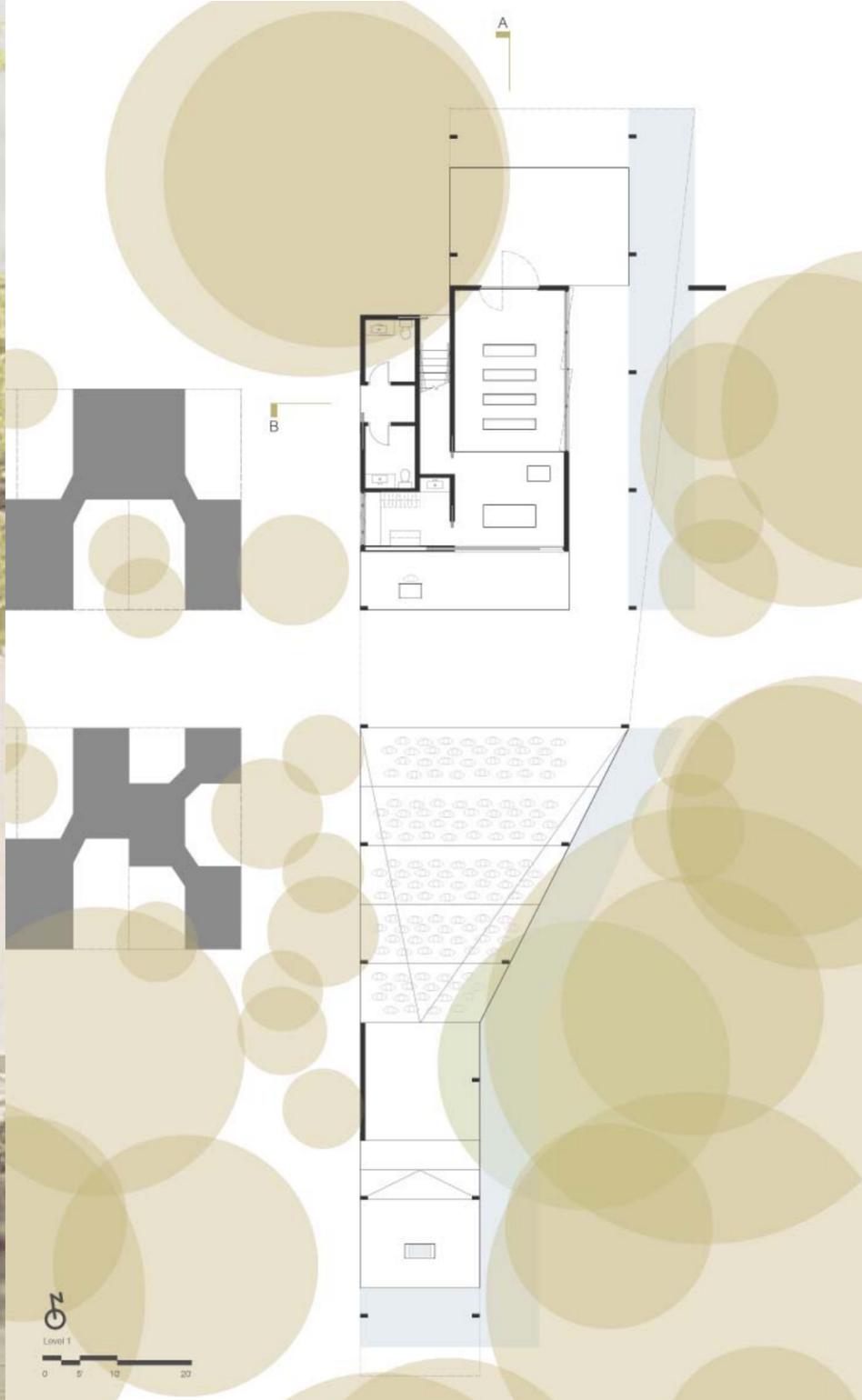


[neighborhood CHAPEL

This chapel combines abstract features inspired by religious symbolism, colors, and regional architecture. It combines spaces for small interior ceremonies, accommodates a large outdoor audience, and a baptismal fountain near a natural water feature.









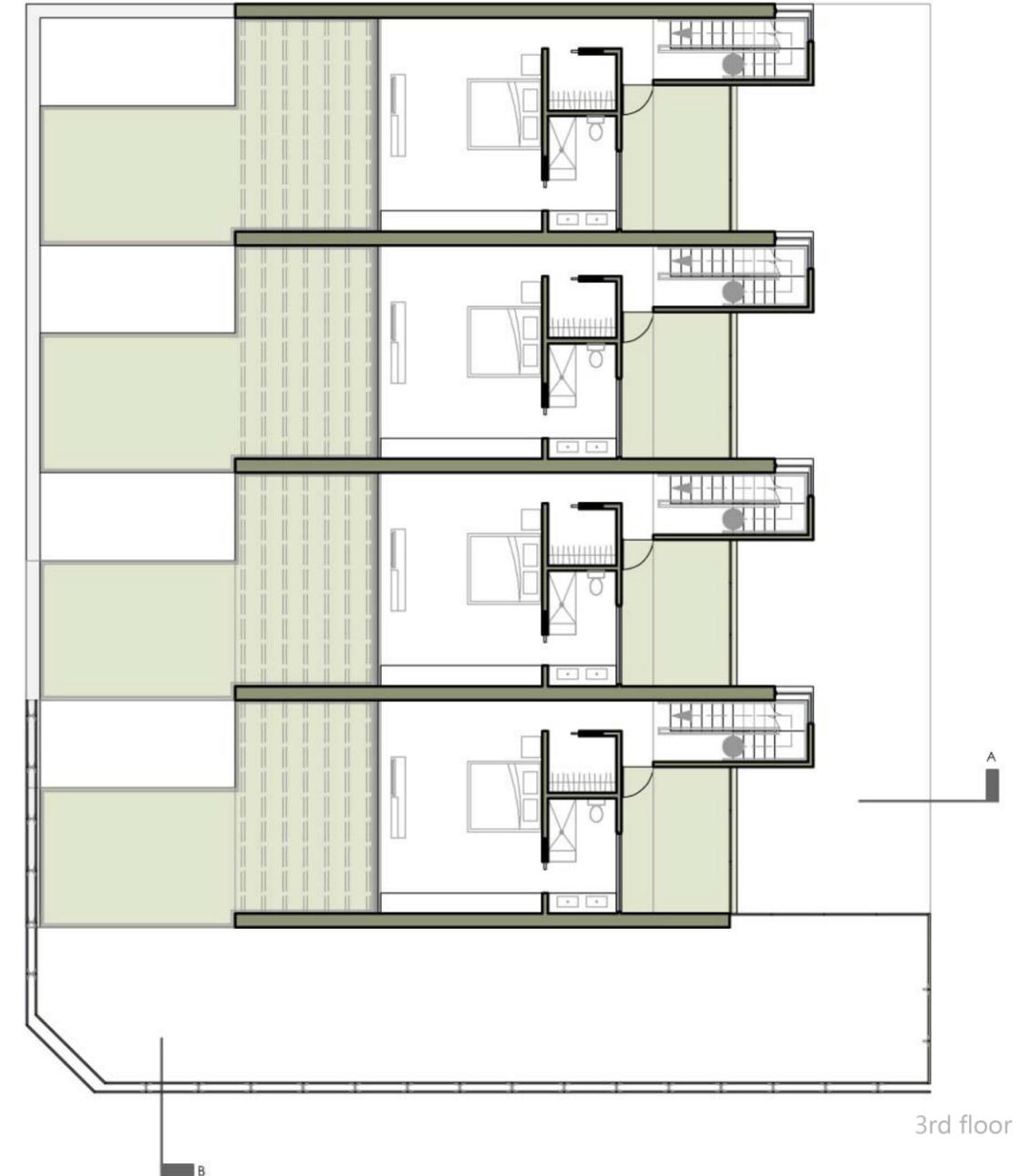
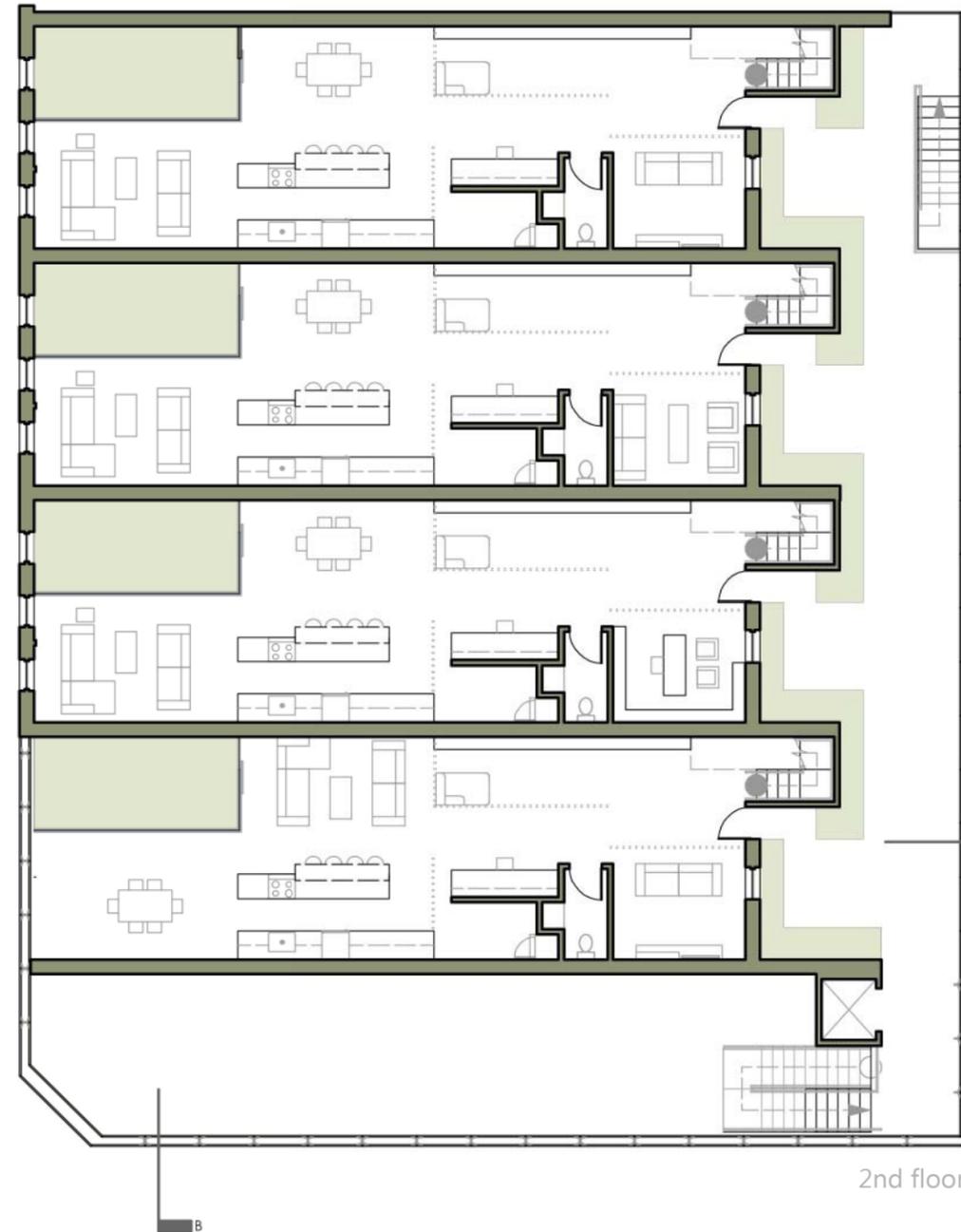
[square RECONSTRUCTION

Site:
Historic Downtown | Waxahachie, TX

Objective:
Reconstruct a mixed-use building to replace burned buildings in the historic downtown, which consist of retail at ground level, a museum extension, and loft apartments



Solutions include the use of local aesthetic materials such as rusted steel and Victorian patterns seen within local homes. The image of a pre-existing building is used on a printed veil that is seen in daylight, and is transparent at night to reveal laser-cut panels behind the screen.





1888

Bella-Misty

LAW OFFICE

1889

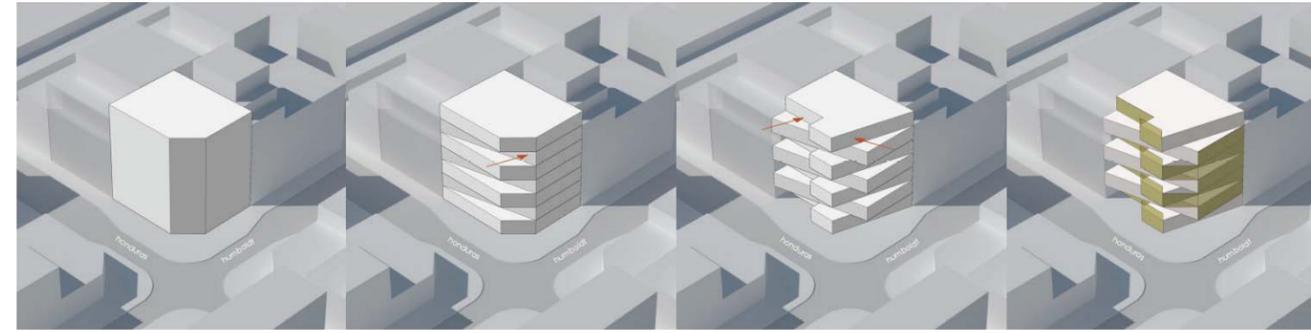
1889

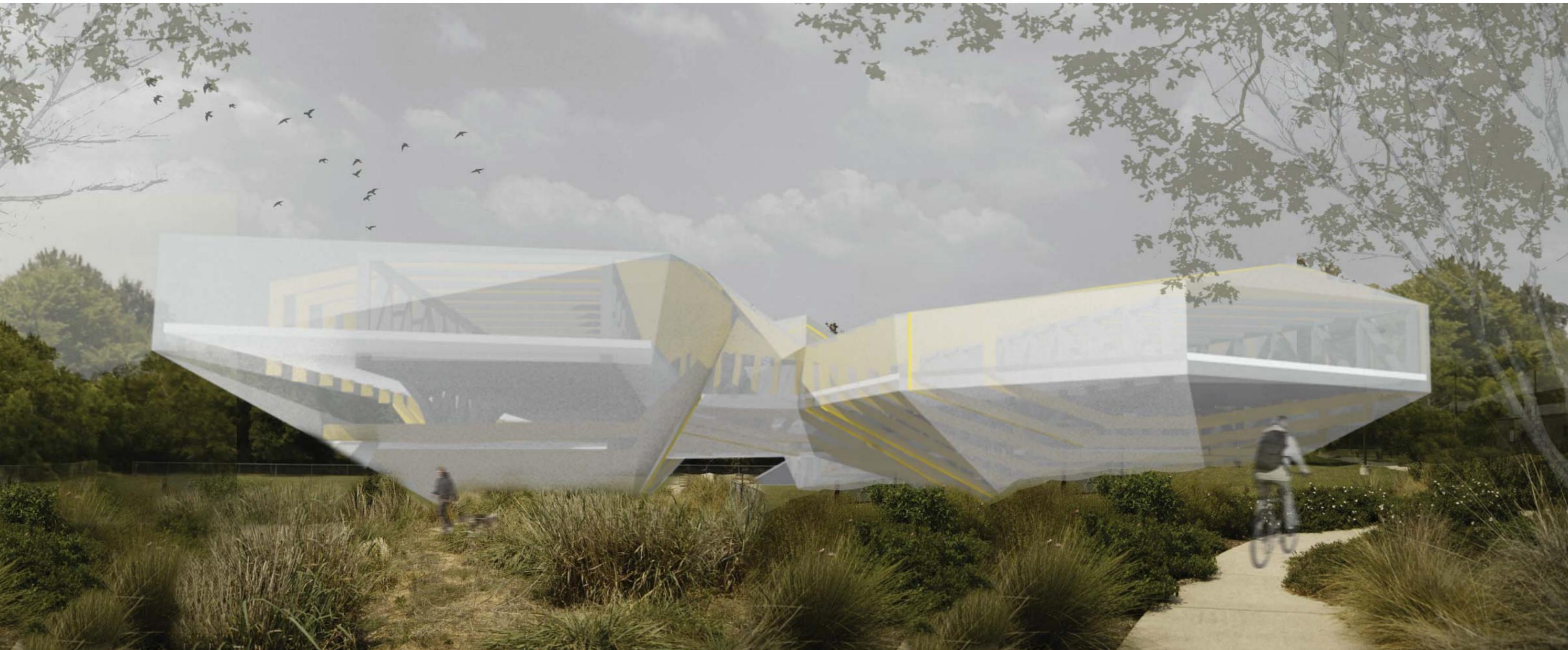


[mid-rise HOUSING

The city of Buenos Aires contains a variety of muralist graffiti art. This design for a mid-rise apartment in the heart of Palermo takes advantage of locality and weaves regional symbolism with contemporary street art. The "Pampa" pattern appears in two ways; perforated into a thin metal screen, and applied to a recessed glass plane. The screen mesh blends onto a surface with muralist pieces.





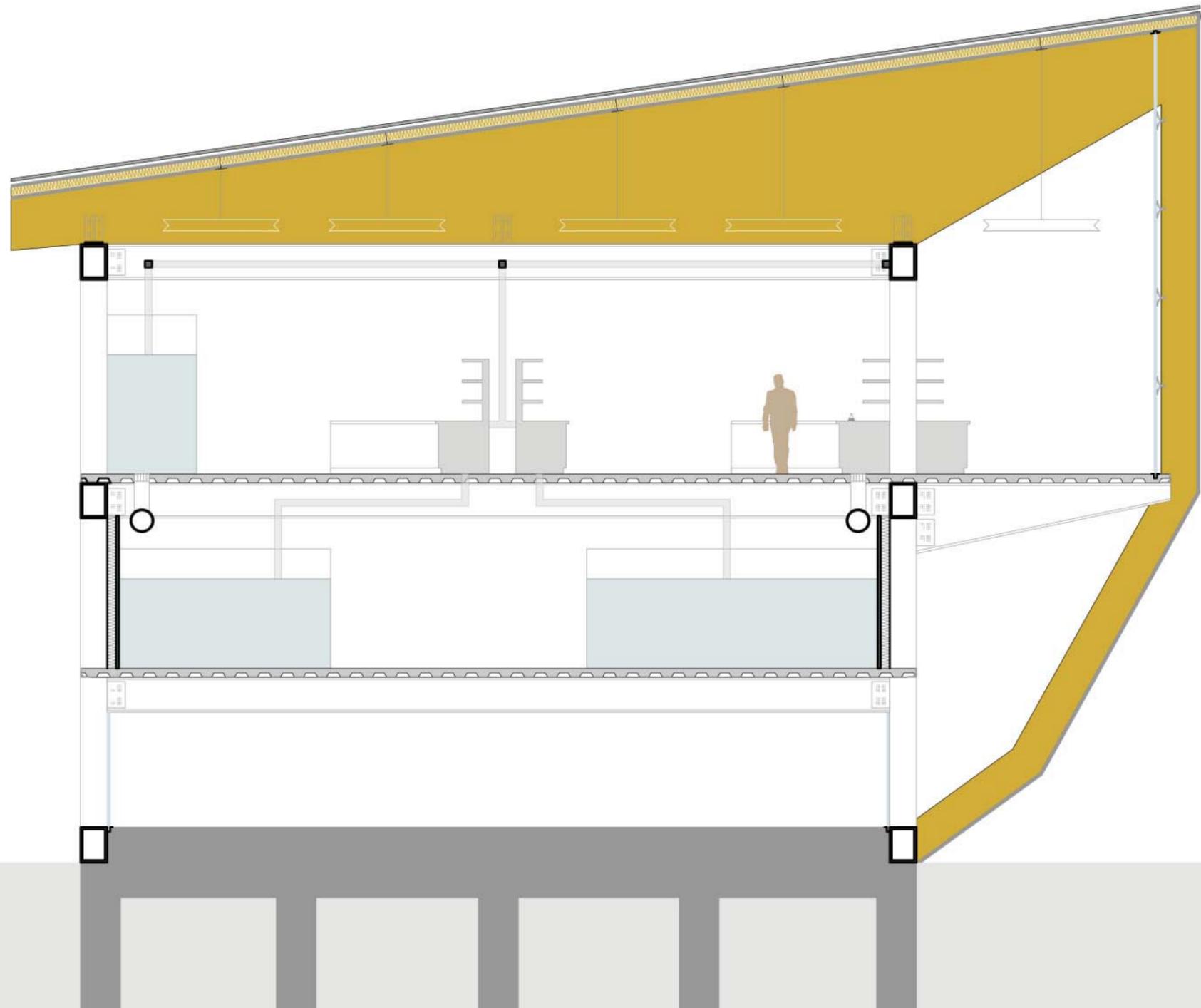


[research LAB

Site:
UofH Clear Lake, TX

Function:
Marine research lab with public access

The proposal elevates the building to maintain the ground's permeability, and maintain the client's ability to expand their native-plants garden.



skin: perforated metal

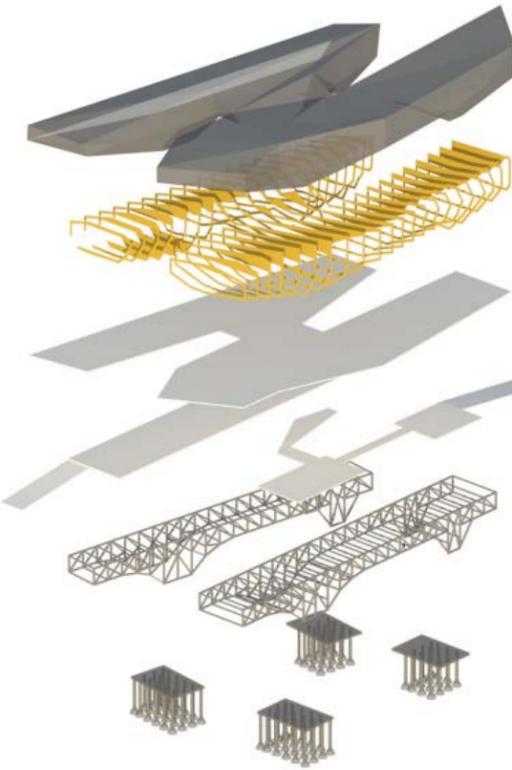
steel ribs

main level: labs

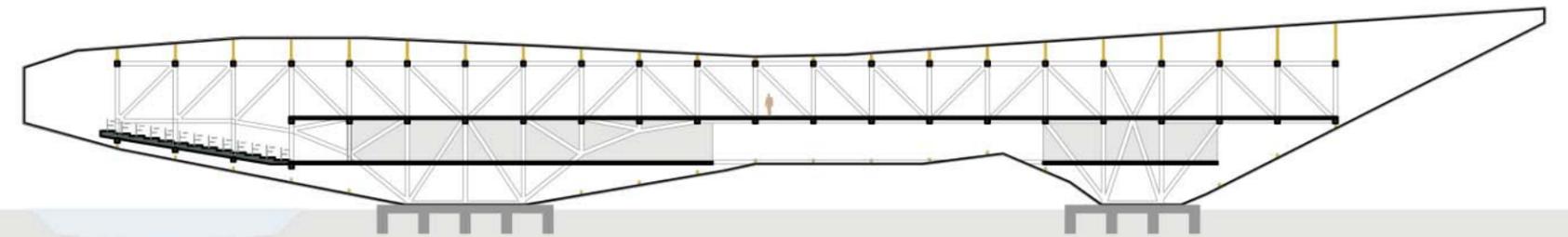
1st level: parking & chases

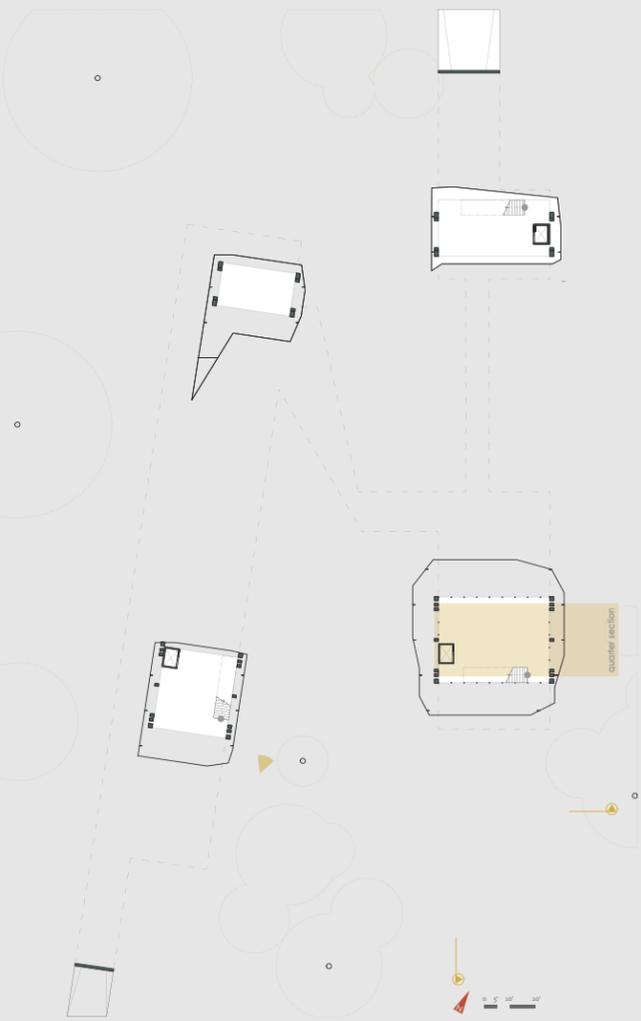
core truss

foundation: footings

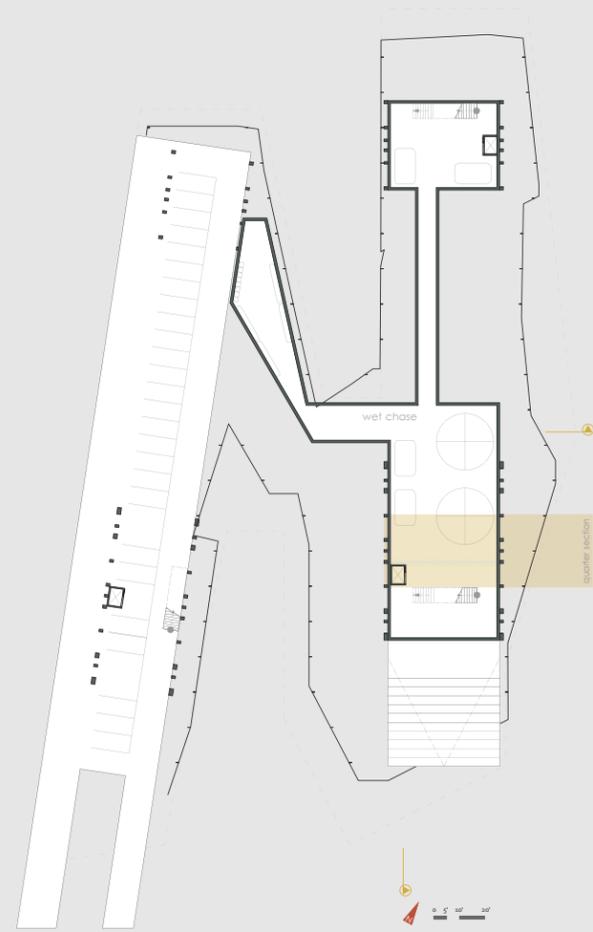


This project investigated methodologies in schematic development and construction. Classic examples in architecture as well as in engineering were precedent, such as Le Corbusier's Ronchamp, the Eiffel Tower, the Statue of Liberty, and bridge design. In order to accommodate an irregular membrane to enclose the space, sections of a finalized form were taken at regular intervals to create ribs that would hold manageable parts of the skin material (perforated metal). The final design of this project follows the principle utilized in the Statue of Liberty, following a core structural frame with a secondary frame system to support the exterior sculpted copper skin.

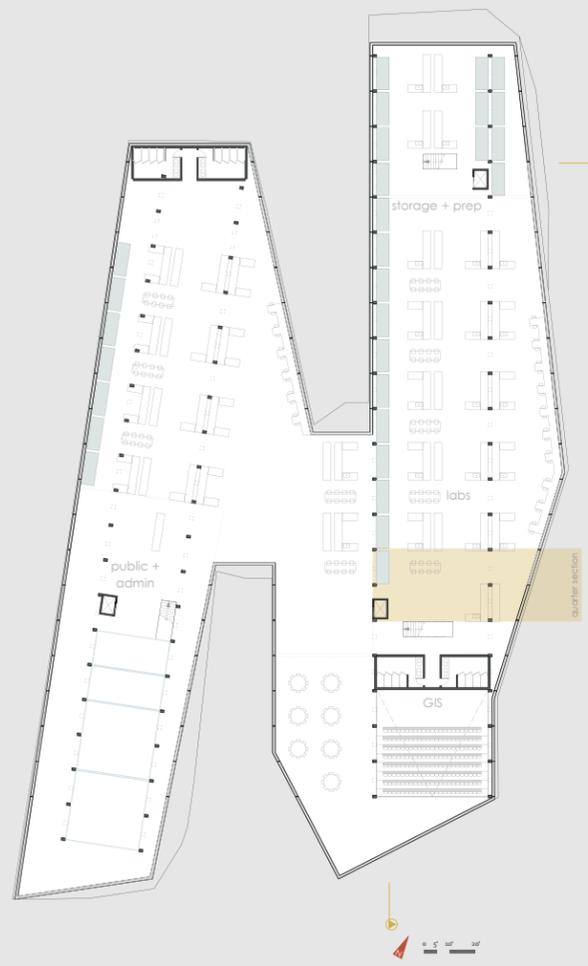




ground floor



chase level: 2



main lab: 3

