

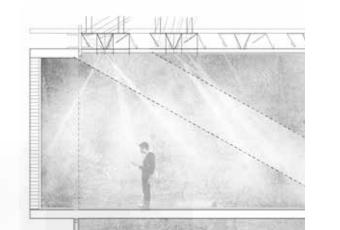


LIGHTBOX I TECTONIC ASSEMBLY I SAVANNAH, GA

SPRING 2017 | LEACH | D6 | ACADEMIC

Through the analytical investigation of Savannah and the surrounding urban context, we designed a modest scale intervention that explored **tectonics** and the **poetics of construction and materiality**. Physical models were used as process investigations of the building envelope, material, and detail.

Building a tectonic roof system that worked with the summer and winter solstice, the screen creates soft diffused light that is suitable for a museum. Constructed with this goal in mind, the geometry looked at different sun positions to provide a dynamic and effective design.





Light Diagram















Screen System



SAVANNAH CENTER FOR CRAFT ARTS I GA

GREEN LANDSCAPE

SPRING 2018 | LEACH | D6 | ACADEMIC



The Center for Craft Arts located in Savannah, Georgia supports and elevates the craft arts. The SCCA strives to preserve the craft traditions of today, while fostering the development of new techniques and emerging talents of the future.

Educating and engaging the community of Savannah and the surrounding region on fiber arts, leatherworking and woodworking. These techniques were influential in the design of the screen roof system. The museum provides visitors with permanent collections, visiting exhibits, living, and working spaces.







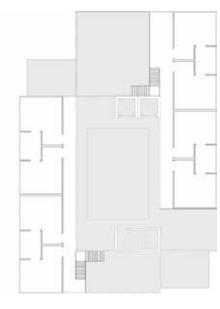


35 EAST 4TH ST TOWER I NEW YORK, NY

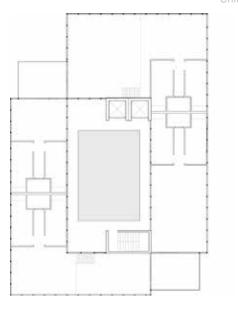
FALL 2018 I COHEN I D7 I ACADEMIC

The NoHo ("North of Houston Street") district in Manhattan is characterized by residential neighborhoods, a thriving student life, and art galleries. The site located in New York's quaint nook, forms a junction between student life and elite urbanites. This Co-Ho tower aims to push the interaction of the different groups in the hope of bridging the social divide that exists.

CoHo is mixed community housing that allows people of all ages and economic backgrounds to co-live in a collaborative environment. It provides various scales in which one can experience community in the urban context. What is community? How does architecture embody or signify the intimate and the publicized? This question is crucial in urban environments where common rooms offer greater spatial and living quality for inhabitants. The building project comprises of different levels of **shared communal spaces** that allow for a more **collaborative and sustainable environment** in which to thrive in the city.



Unit 1 : Level 2



Unit 1: Level 1

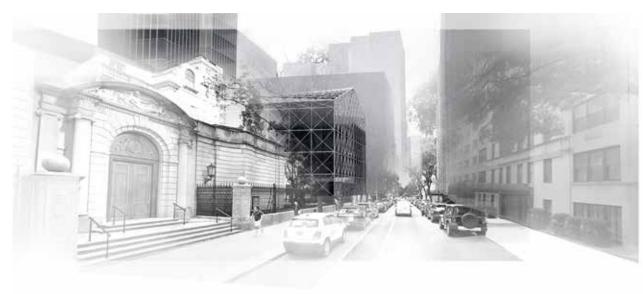




Interior Perspective

Co-Ho provides various scales in which one can experience community in the urban context. The tower consists of three different units each with a different level of privacy.

A common room and kitchen are shared. As well as garden terraces, which provide an oasis for New Yorkers to converse and interact.





FRICK MUSEUM EXPANSION I NEW YORK, NY

FALL 2018 | COHEN | D7 | ACADEMIC

The intervention respects the scale of the Frick Building, which comprise the original three-story house designed by carrere and Hastings, and the adjacent seven story high library building. The addition by design will create new spaces for the presentation of works from the collection and a special exhibition gallery .

Introducing a purpose-built **botanical park** that will allow the city dweller to have a connection with nature, while providing spaces for the study of plants. The program improves visitor circulation and better accommodates participants in education and public programs. Facilities include greenhouses, laboratories, classrooms, and administrative offices.

















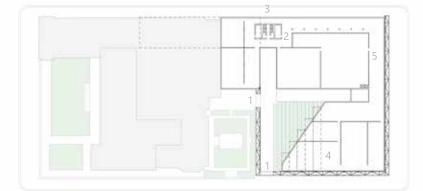






Concept Renders

LEVEL 1



LEVEL 2



LEVEL 3



LEVEL 1

11 Entrances 21 Lobby 31 Core 41 Galleries 51 Green Wall

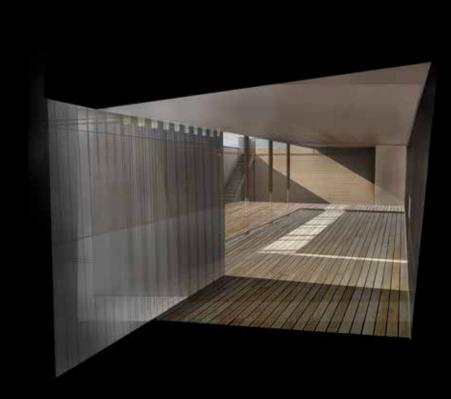
LEVEL 2

6l Shop 7l Auditorium 8l Green Steps 9l Gallery

LEVEL 3

10l Laboratory 11l Offices 12l Classrooms

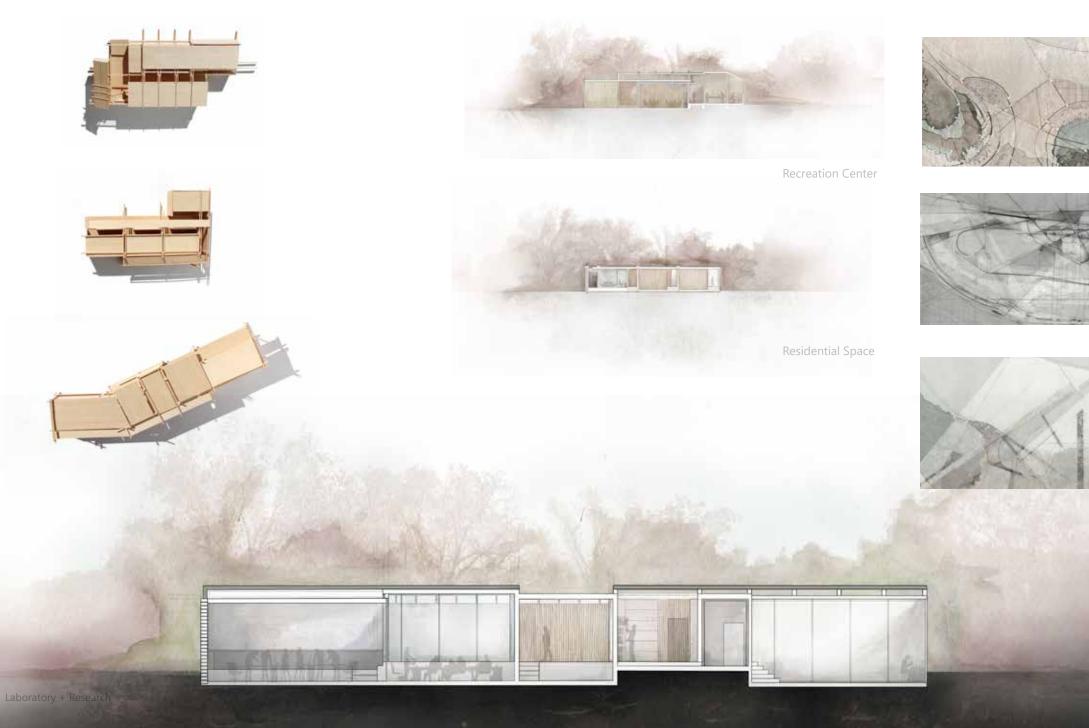




THE FLORIDA LANDSCAPE I HOPKINS PRAIRIE, FL

FALL 2016 | MCGLOTHLIN | D5 | ACADEMIC

The Florida landscape is a complex field marked by overlapping and competing systems. We had to work with the development of a research field and way station. A research center is placed at the gateway to Hopkins Prairie and creates opportunity for increased knowledge and exploration of the natural environment through study and physical experience. Considering the various relationships to the immediate aspects of site and place, and with the position of this moment along the edge of the Ocala National Forest. The program includes a library, laboratories, residential spaces and recreational center.









BRIDGING THE DIVIDE I CHICAGO, IL

FALL 2018 | UF NOMA CHAPTER COMPETITION TEAM | ACADEMIC

ROLE: PRINCIPAL DRAFTER | COLLABORATIVE WORK
RESPONSIBILITIES: CONCEPT DESIGN, RESEARCH, DRAFTING

Woodlawn at 63rd aims to reinvigorate the commercial zone of Woodlawn with the implementation of a new commercial axis, residential towers, access to the rail line, and sculpted green landscape which is open to the public. Other facilities such as the supermarket, auditorium and gallery will also encourage the economic and social growth in the community. The proposal will become a pillar of Woodlawn, showcasing local businesses, new technology, growing student activity, and providing easy access to transit systems.

The proposal aims to act as a mediator that **knits the community** and provides current residents, students, and commuters a location to **intersect**, therefore stimulating growth in the local economy.



Section Cut



LEARNING FACILITIES

11 Gallery spaces 21 Lecture Hall 31 Innovation Center

COMMERCIAL

4l Markets 5l Retail/Outlets

RESIDENTIAL BUILDING

6l Affordable Housing

INFRASTRUCTURE

7l Rail Station 8l Bicycle Path

9l Elevated Pedestrian Connectors

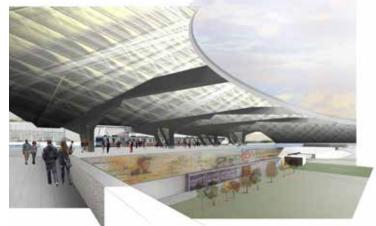
GREEN SPACE

10I Outdoor Performance Space 11I Garden 12I Elevated Park









The train platform is an elevated space that not only connects the two sides of the proposal, but also the Woodlawn community. Covered by a canopy, this platform is shielded from the harsh weather conditions commonly seen during the winter. The solar panels and green roof collect heat and is a source of energy for other components of the site.

Train Station

