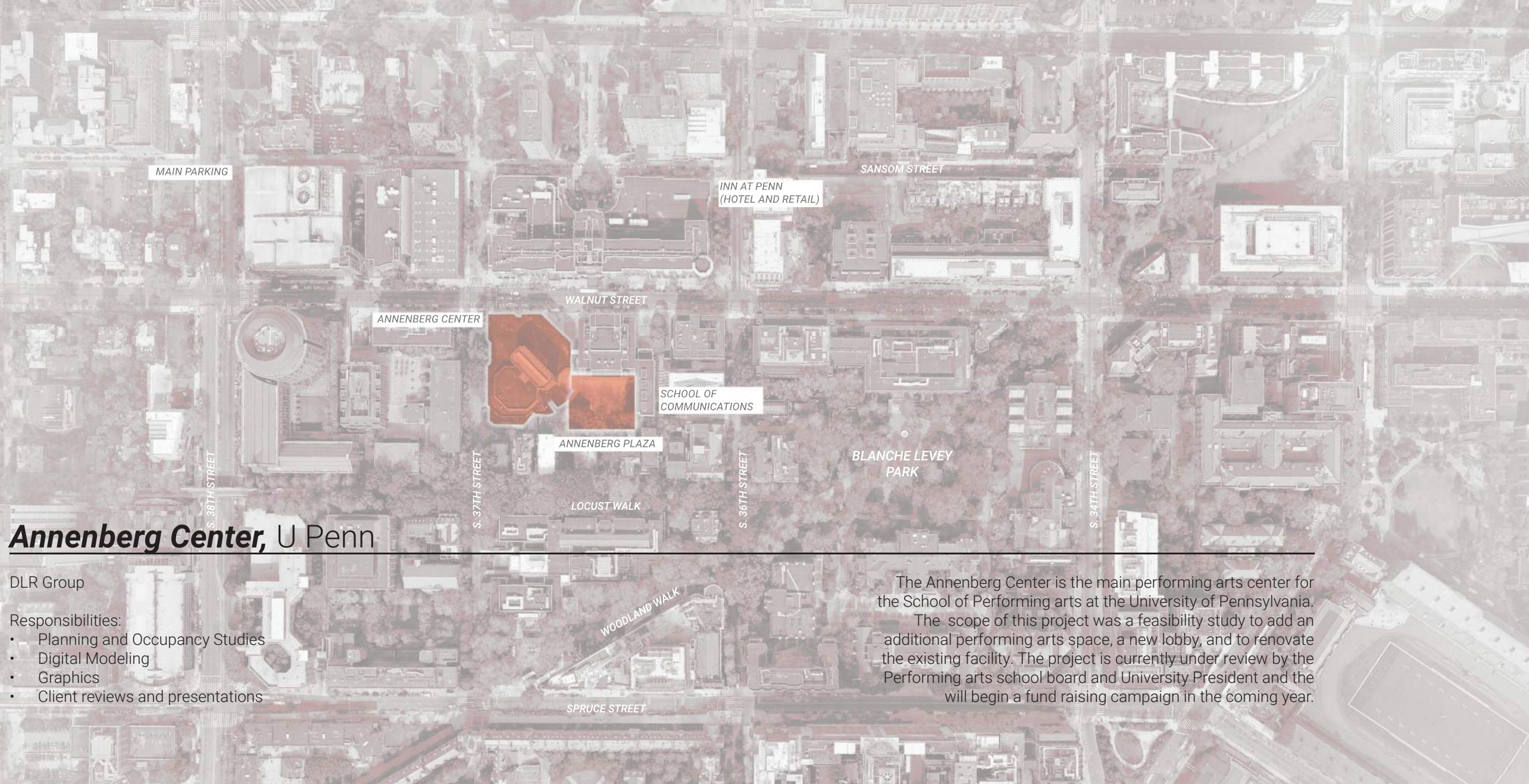


Jonathan Rankin
Professional Works



Annenberg Center, U Penn

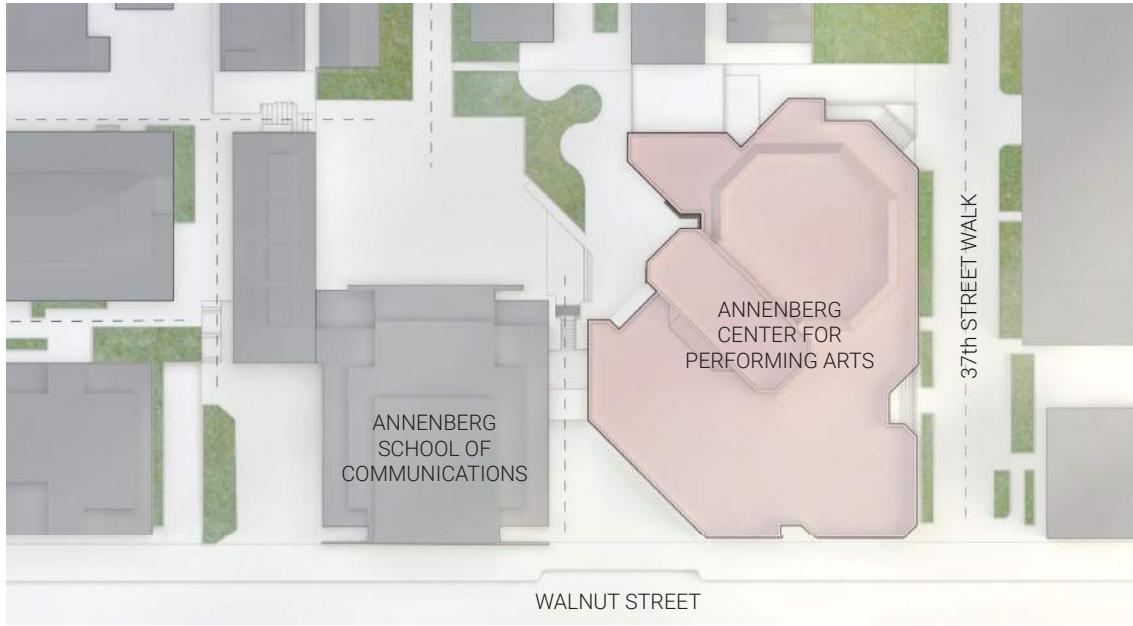
DLR Group

Responsibilities:

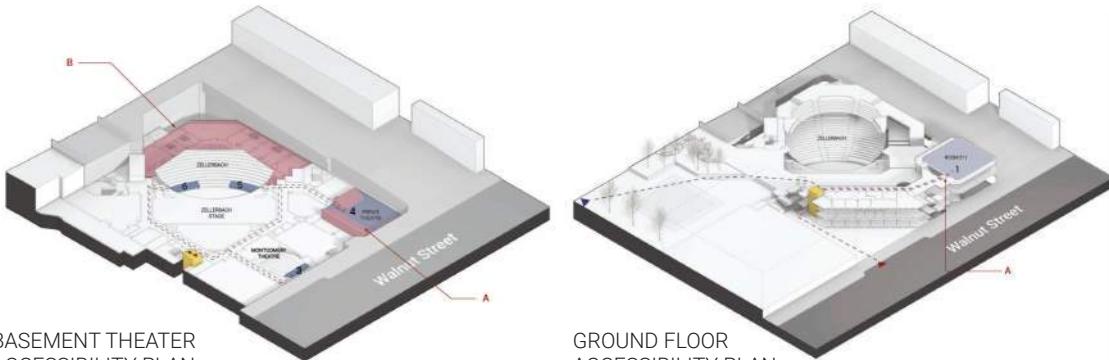
- Planning and Occupancy Studies
- Digital Modeling
- Graphics
- Client reviews and presentations

The Annenberg Center is the main performing arts center for the School of Performing arts at the University of Pennsylvania.

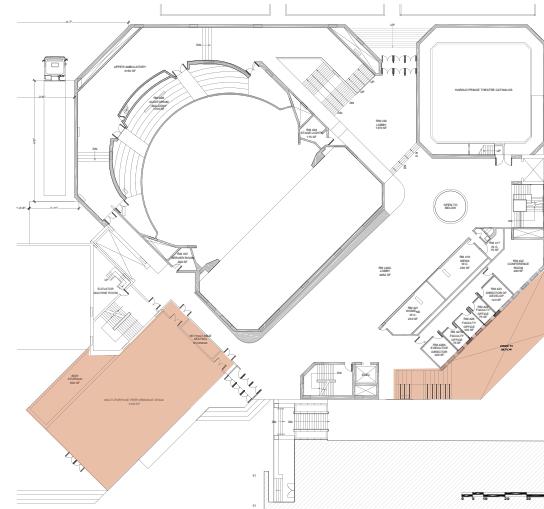
The scope of this project was a feasibility study to add an additional performing arts space, a new lobby, and to renovate the existing facility. The project is currently under review by the Performing arts school board and University President and the will begin a fund raising campaign in the coming year.



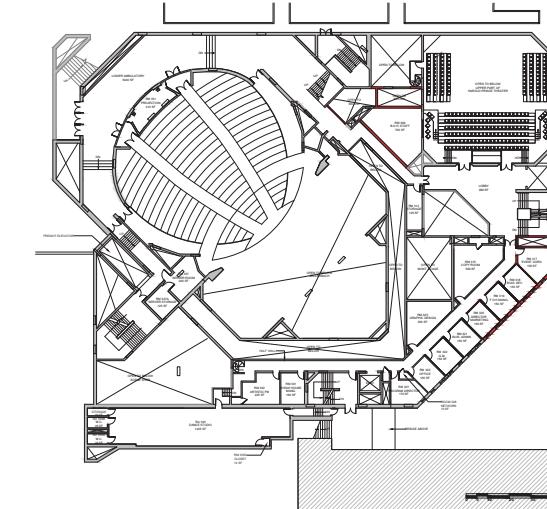
SITE PLAN



BASEMENT THEATER ACCESSIBILITY PLAN



GROUND FLOOR PLAN WITH ADDITION



BASEMENT FLOOR PLAN



Lobby Addition Render



EXISTING PLAZA PHOTO



PROPOSED PLAZA RENDER

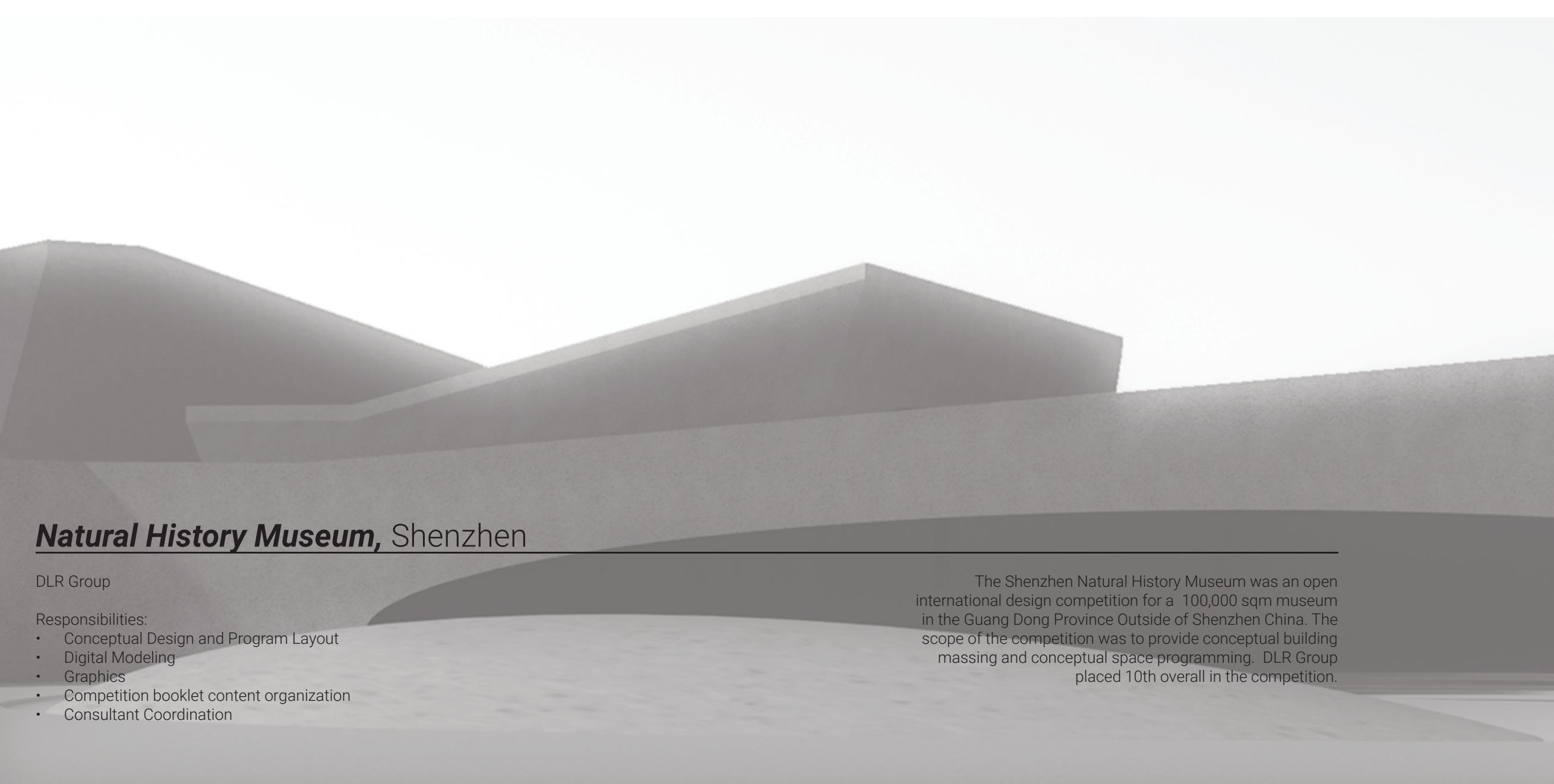


EXISTING WALNUT STREET ENTRY PHOTO



PROPOSED WALNUT STREET ENTRY RENDER





Natural History Museum, Shenzhen

DLR Group

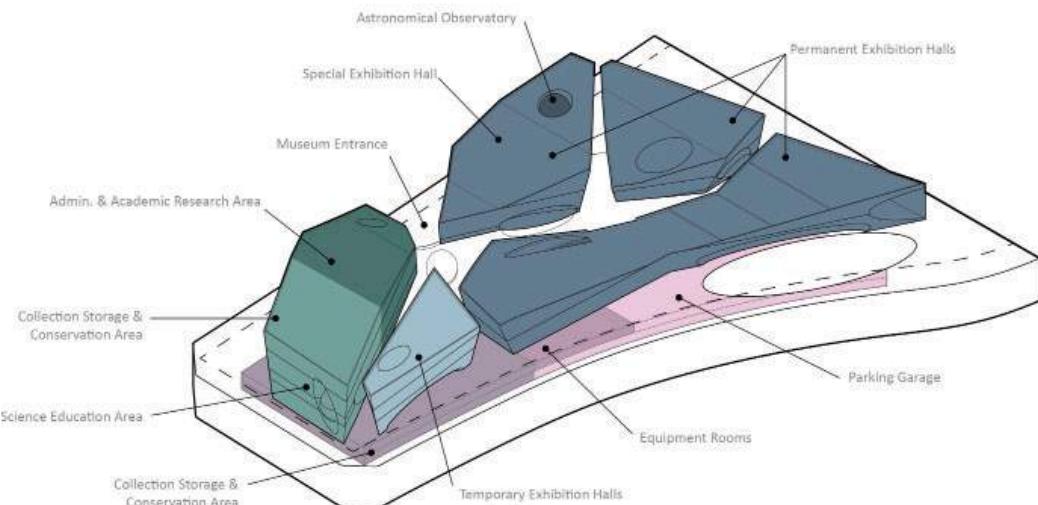
Responsibilities:

- Conceptual Design and Program Layout
- Digital Modeling
- Graphics
- Competition booklet content organization
- Consultant Coordination

The Shenzhen Natural History Museum was an open international design competition for a 100,000 sqm museum in the Guang Dong Province Outside of Shenzhen China. The scope of the competition was to provide conceptual building massing and conceptual space programming. DLR Group placed 10th overall in the competition.

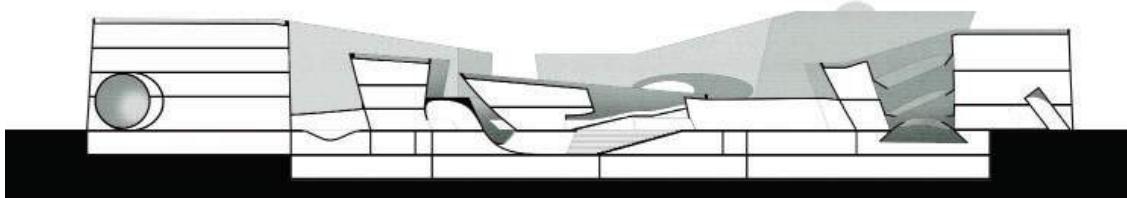
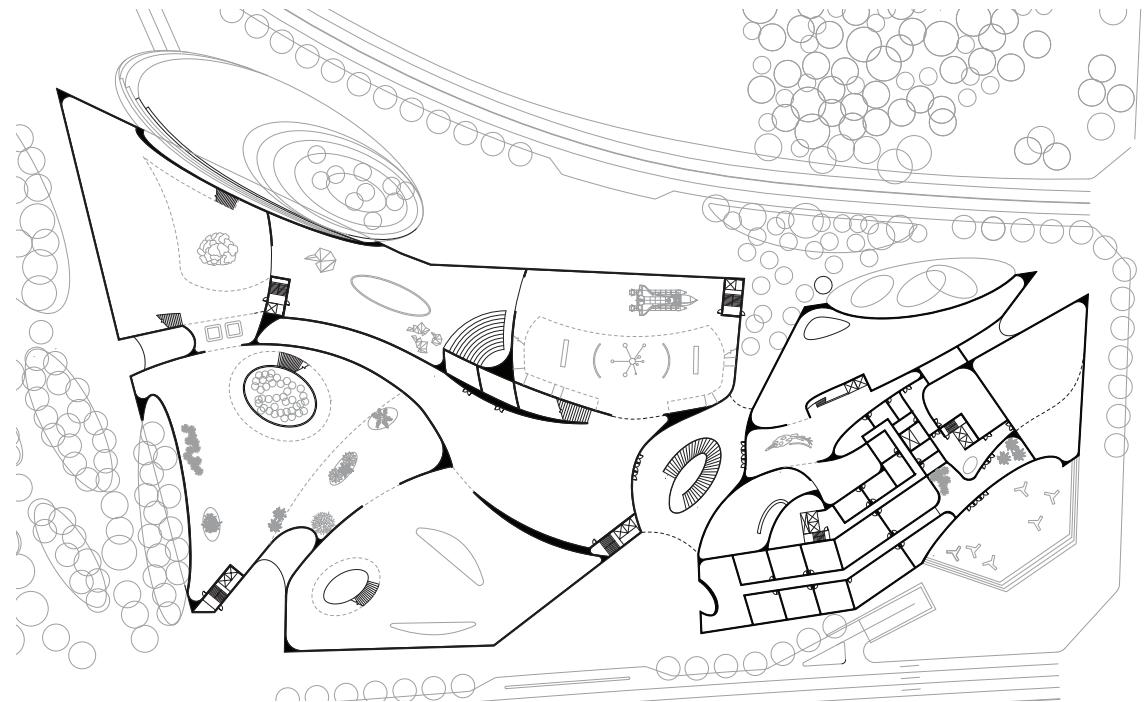


SITE PLAN



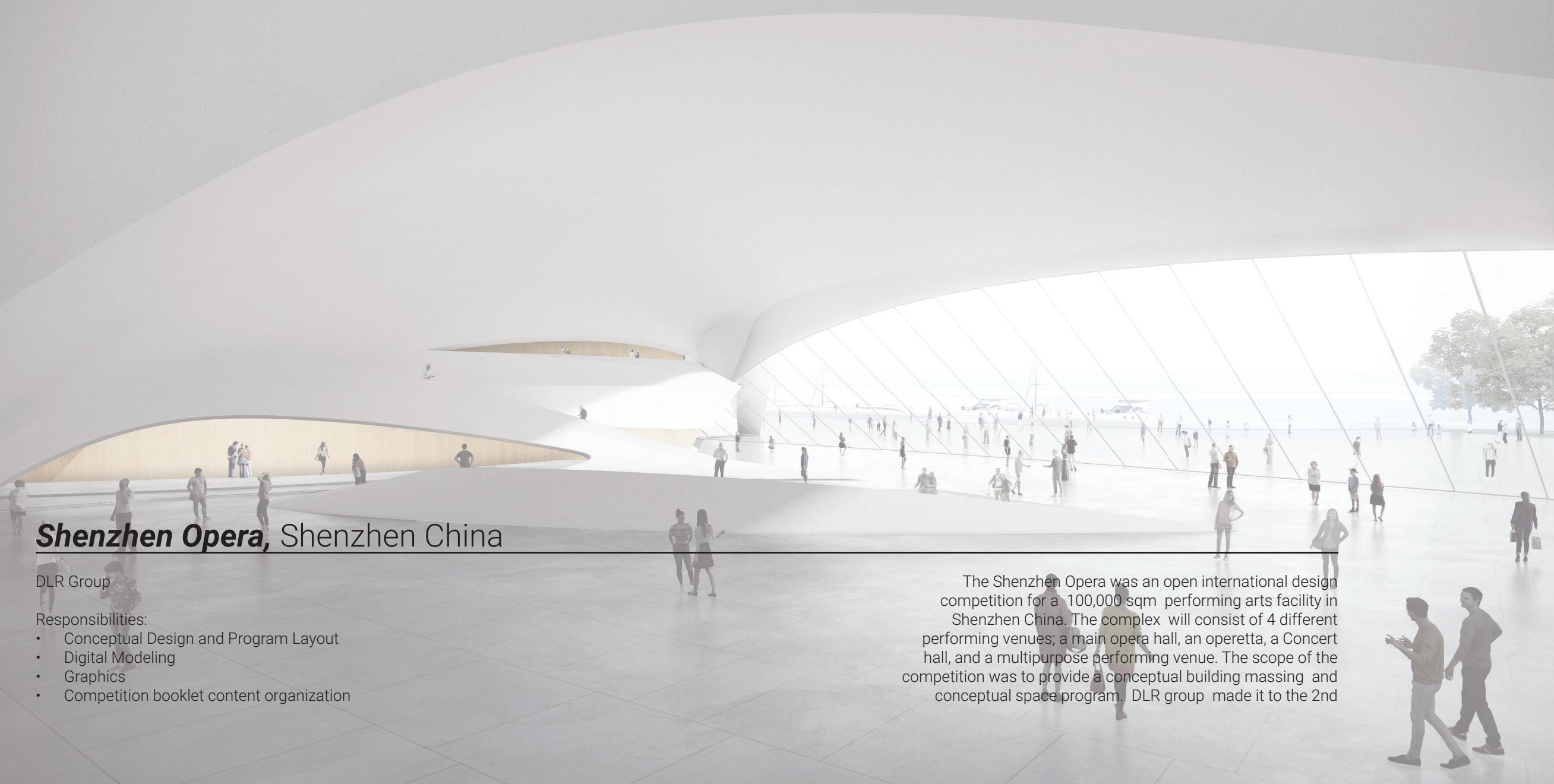
PROGRAM AXON





BUILDING SECTION





Shenzhen Opera, Shenzhen China

DLR Group

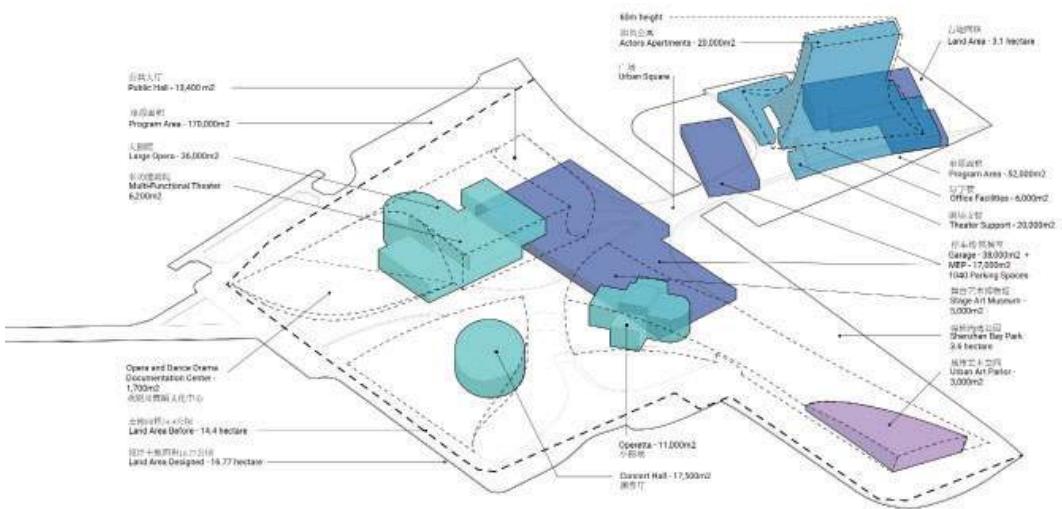
Responsibilities:

- Conceptual Design and Program Layout
- Digital Modeling
- Graphics
- Competition booklet content organization

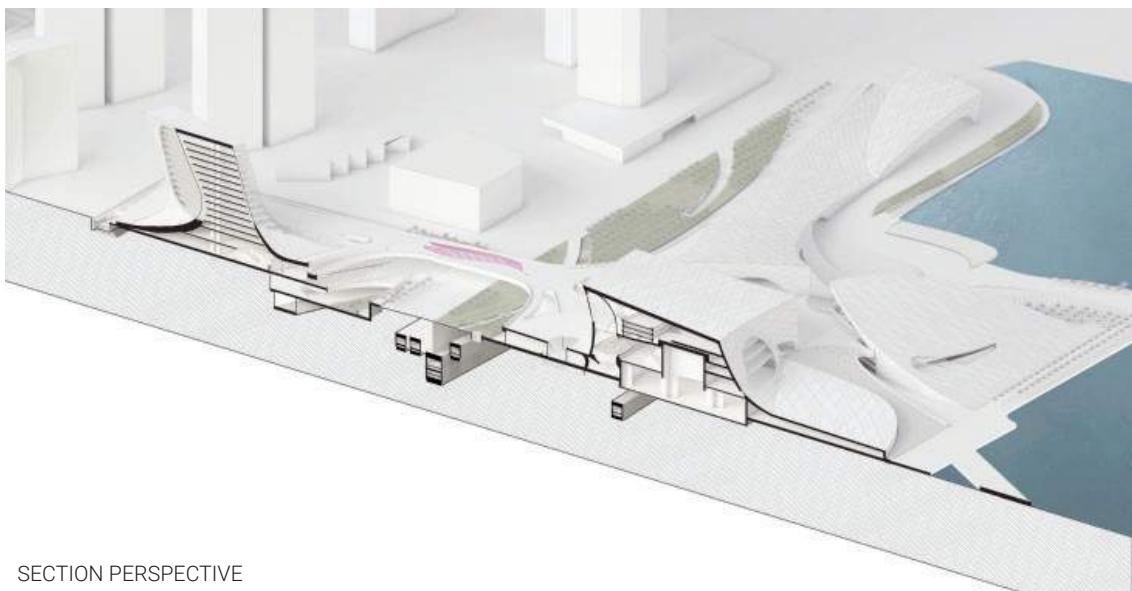
The Shenzhen Opera was an open international design competition for a 100,000 sqm performing arts facility in Shenzhen China. The complex will consist of 4 different performing venues; a main opera hall, an operetta, a Concert hall, and a multipurpose performing venue. The scope of the competition was to provide a conceptual building massing and conceptual space program. DLR group made it to the 2nd



SITE PLAN



PROGRAM AXON



SECTION PERSPECTIVE



GROUND FLOOR PLAN



MAIN OPERA HALL

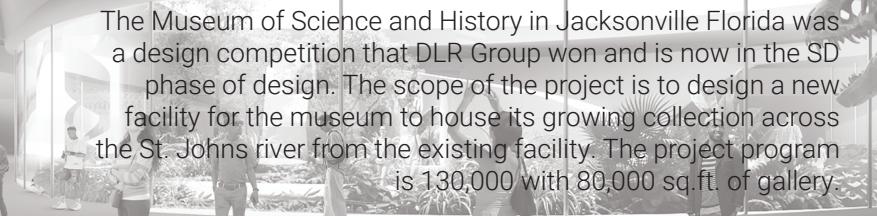
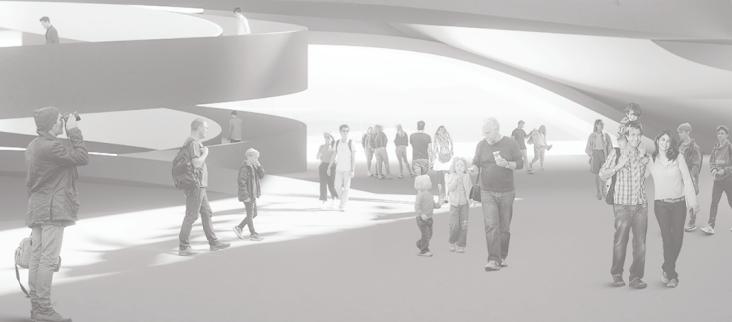


MOSH, Jacksonville Florida

DLR Group

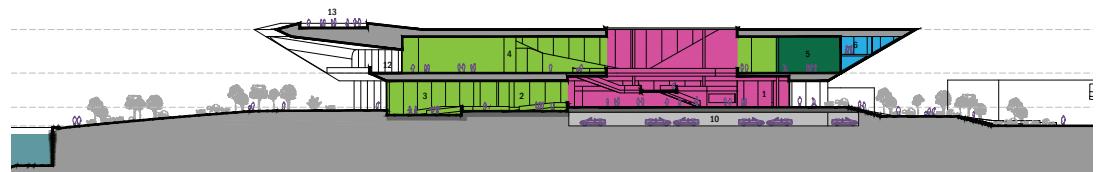
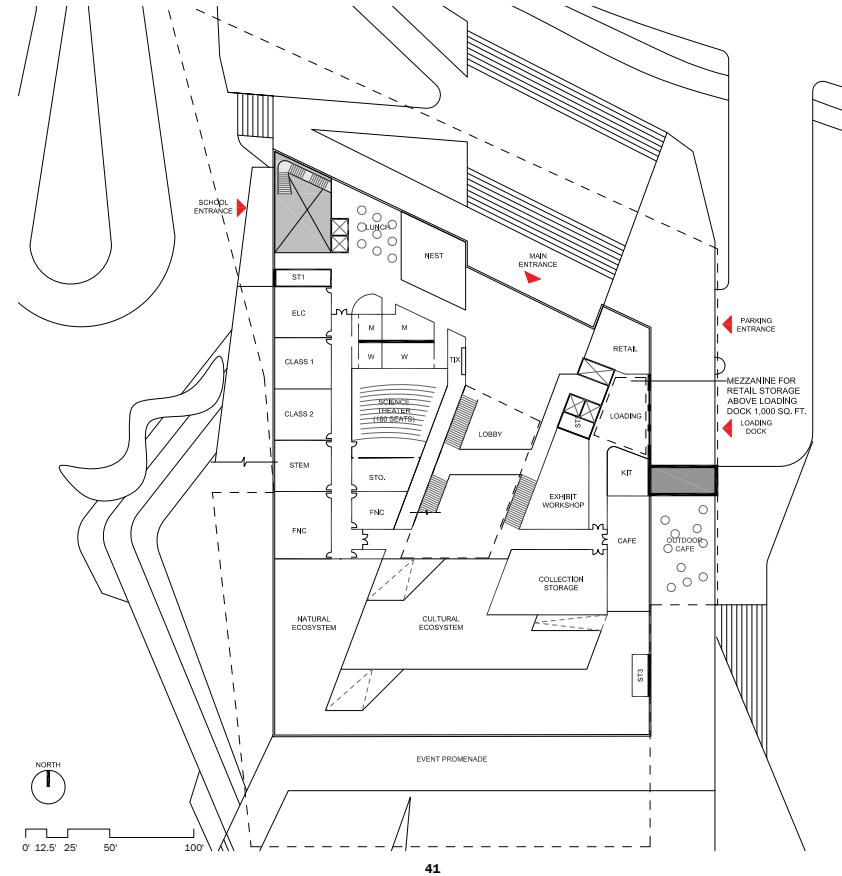
Responsibilities:

- Conceptual Design and Program Layout
- Digital Modeling
- Graphics
- Competition booklet content organization



The Museum of Science and History in Jacksonville Florida was a design competition that DLR Group won and is now in the SD phase of design. The scope of the project is to design a new facility for the museum to house its growing collection across the St. Johns river from the existing facility. The project program is 130,000 with 80,000 sq.ft. of gallery.





BUILDING SECTION







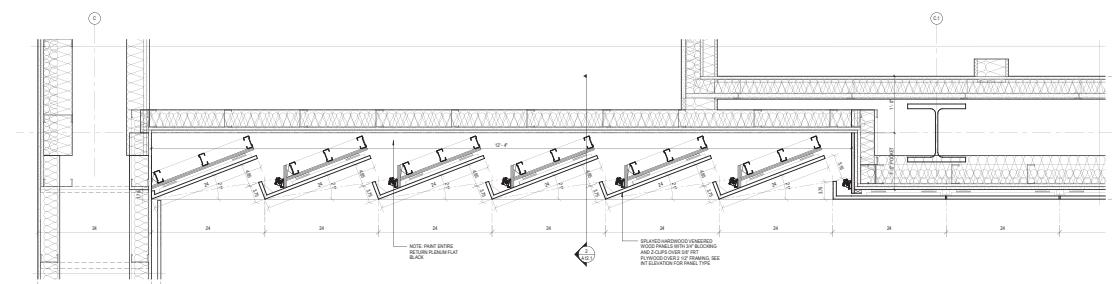
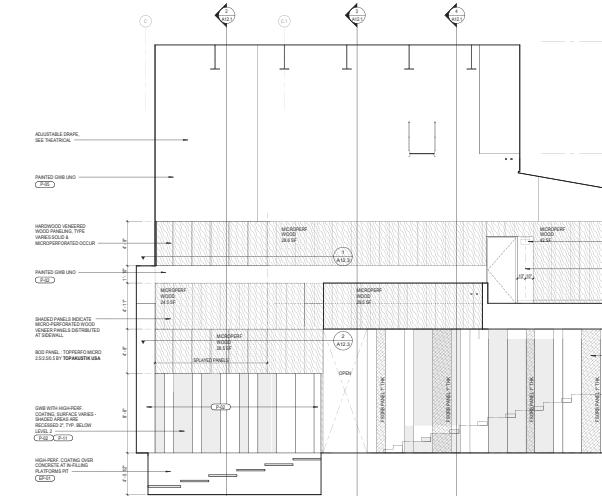
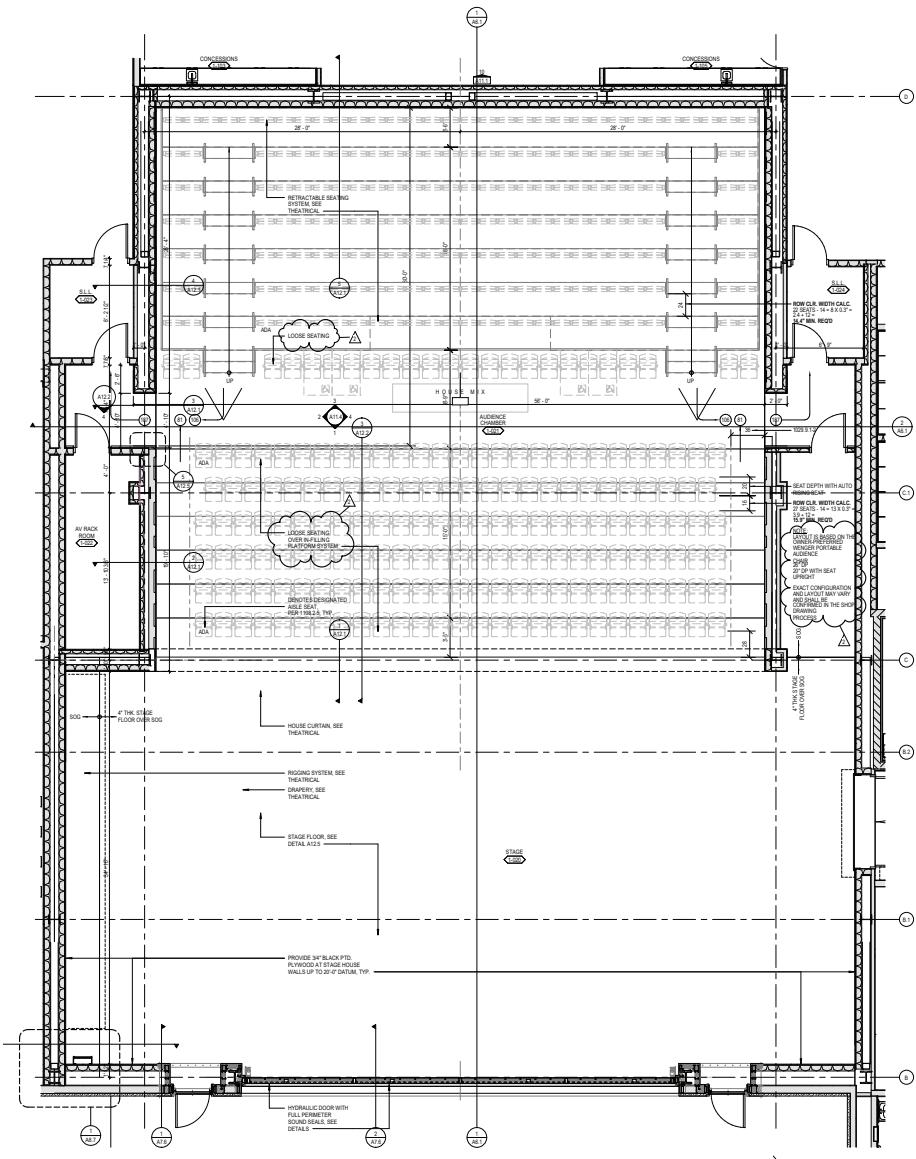
Cornell Arts Complex, Joplin Missouri

DLR Group

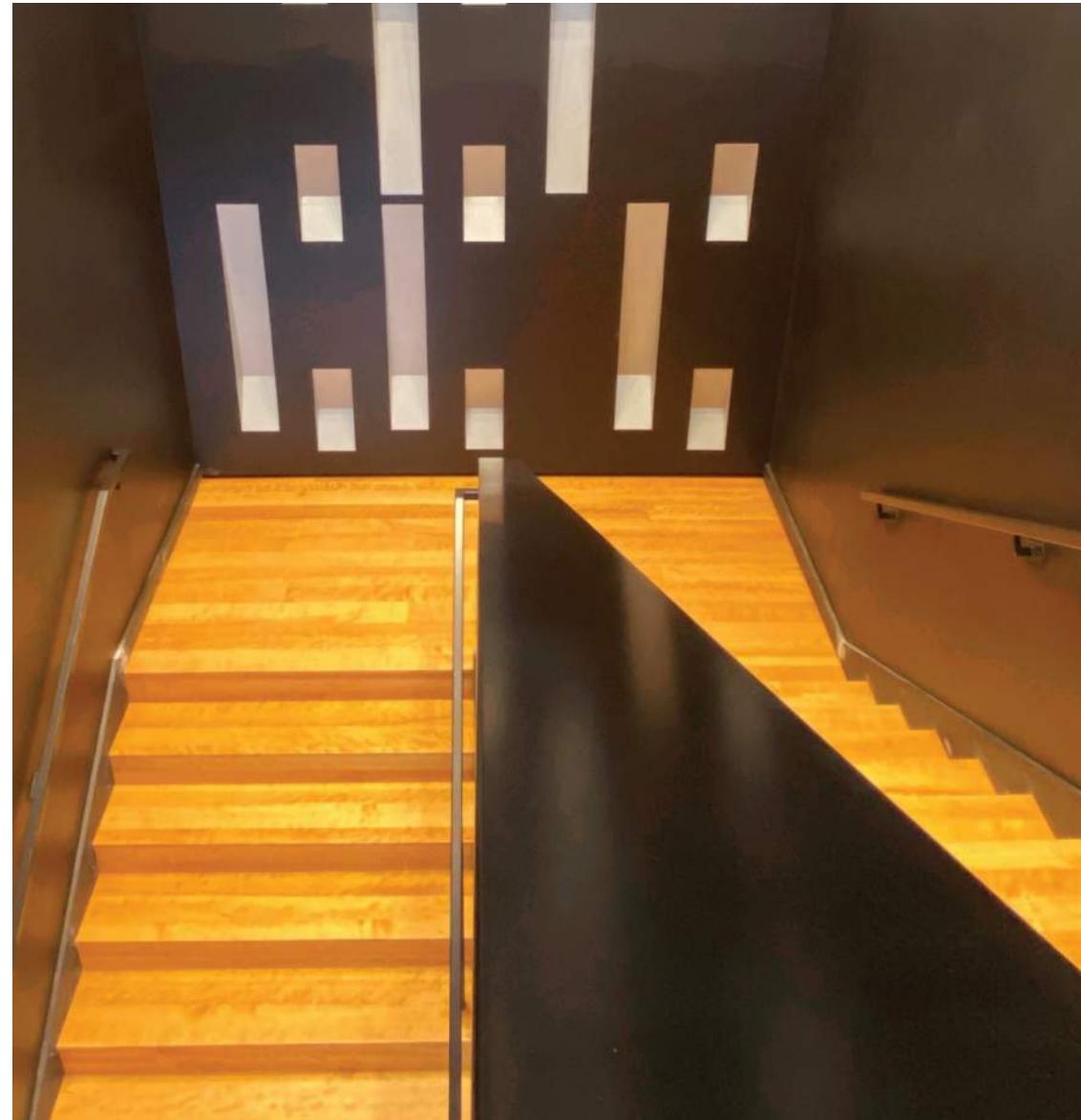
Responsibilities:

- Construction Documentation
- Detailing
- Consultant Coordination
- Assist on CA phase

The Cornell Performing Arts Center is a 120,000 sq.ft ground up performing arts center that will serve as a cultural hub for the city of Joplin Missouri. It has one main performance hall on the ground level as well as gallery space on the upper level. The main stage of the performance venue is backed by a hangar door that can open to an outdoor amphitheater to make the stage useable for both indoor and outdoor performances.









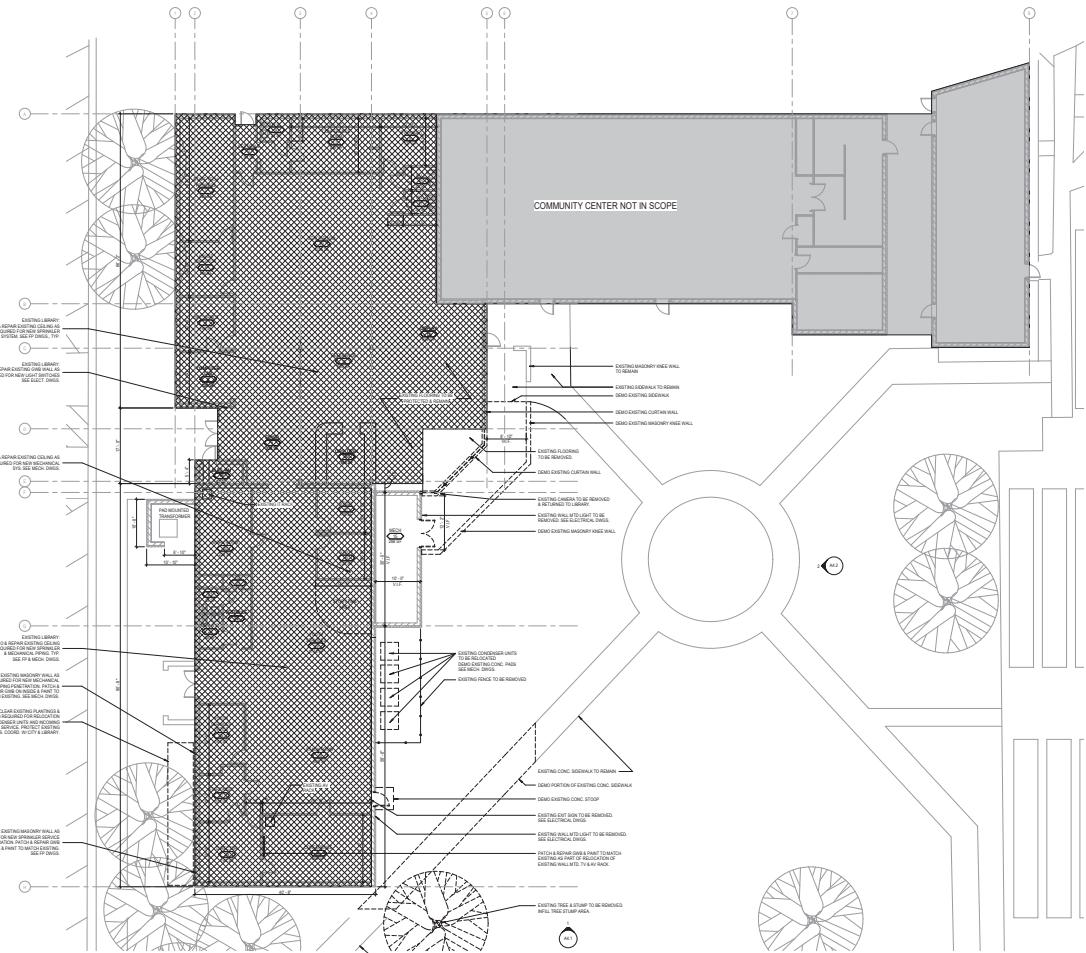
Tavares Library, Tavares Florida

DLR Group

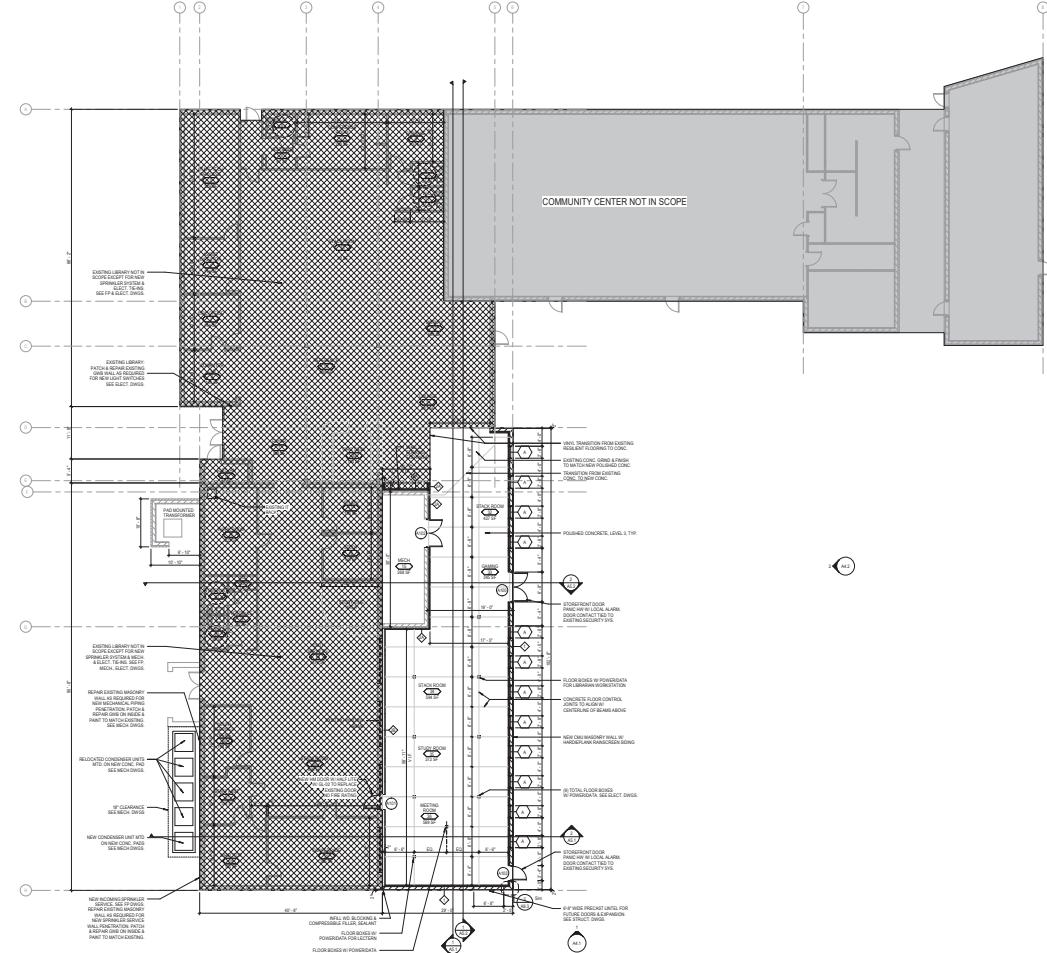
Responsibilities:

- Construction Documentation
- Detailing
- Consultant Coordination
- Assist on CA phase

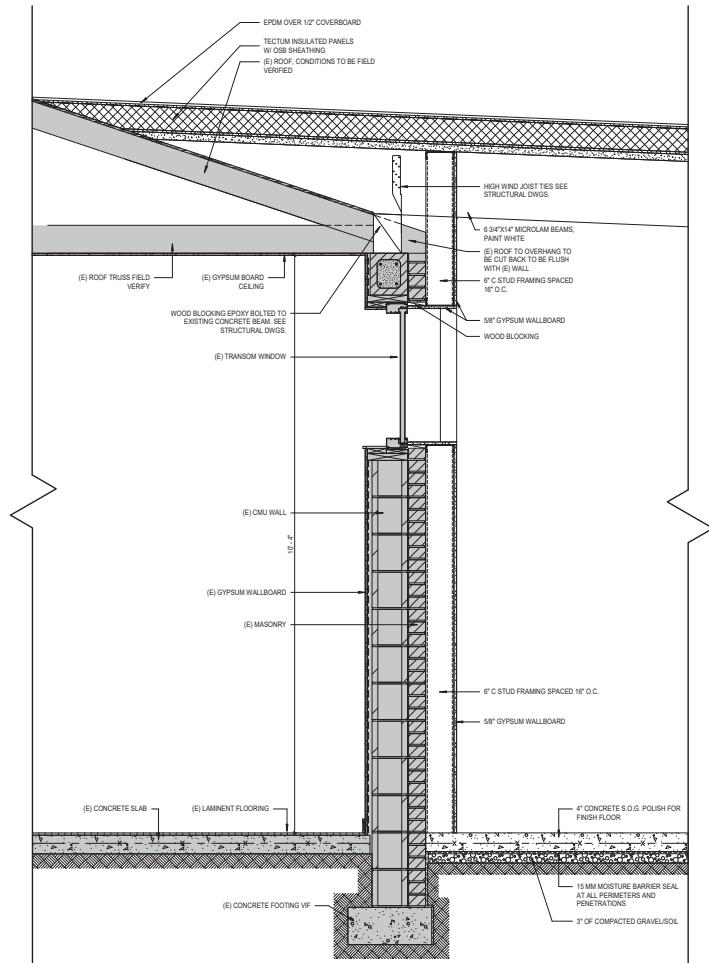
The Tavares Library project was phase one of a larger plan that DLR had developed to transform the campus of the existing Tavares Library structure. The addition that was designed and constructed is a youth center that is used to enhance the function of the existing library space. It is a 3,000 sq.ft. and offers the youth of Tavares a space to come and study as well as gather for social events through its flexible space programming.



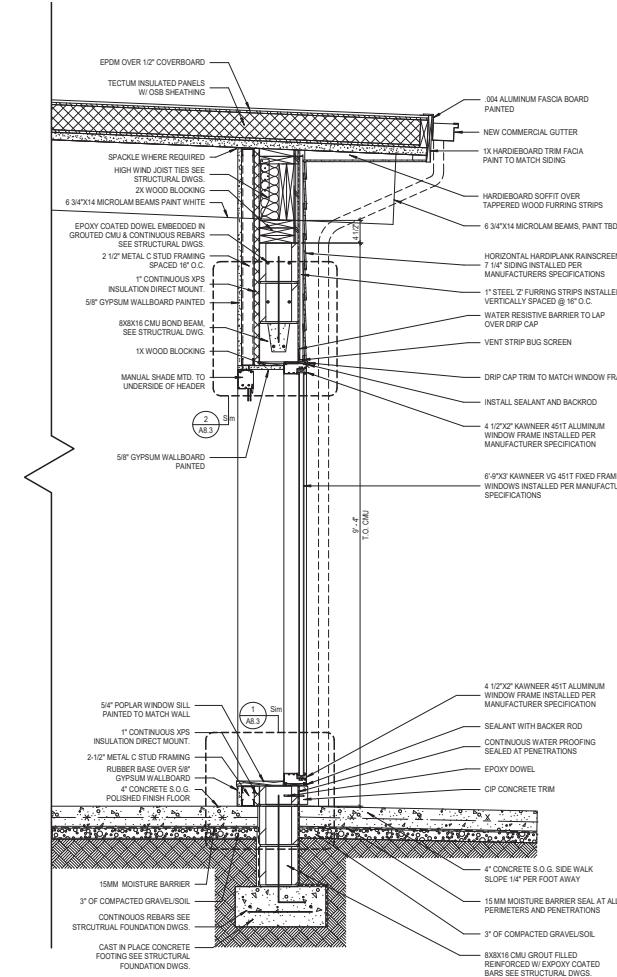
EXISTING PLAN



NEW PLAN



WAL SECTION, EXISTING TO NEW CONSTRUCTION



WALL SECTION NEW CONSTRUCTION



Professional, PVE LLC

PVE LLC

Responsibilities

- Project Management
- CD document creation
- Technical Design Solutions
- CA services

Projects that I have been heavily involved in or managed at PVE . These are typically architectural or structural projects on existing buildings that vary in scope. The work I have done includes; facade restoration, preservation of historic features for LPC, ADA and Egress code analysis, interior renovations, and facade visualization for client presentations.

Project Map

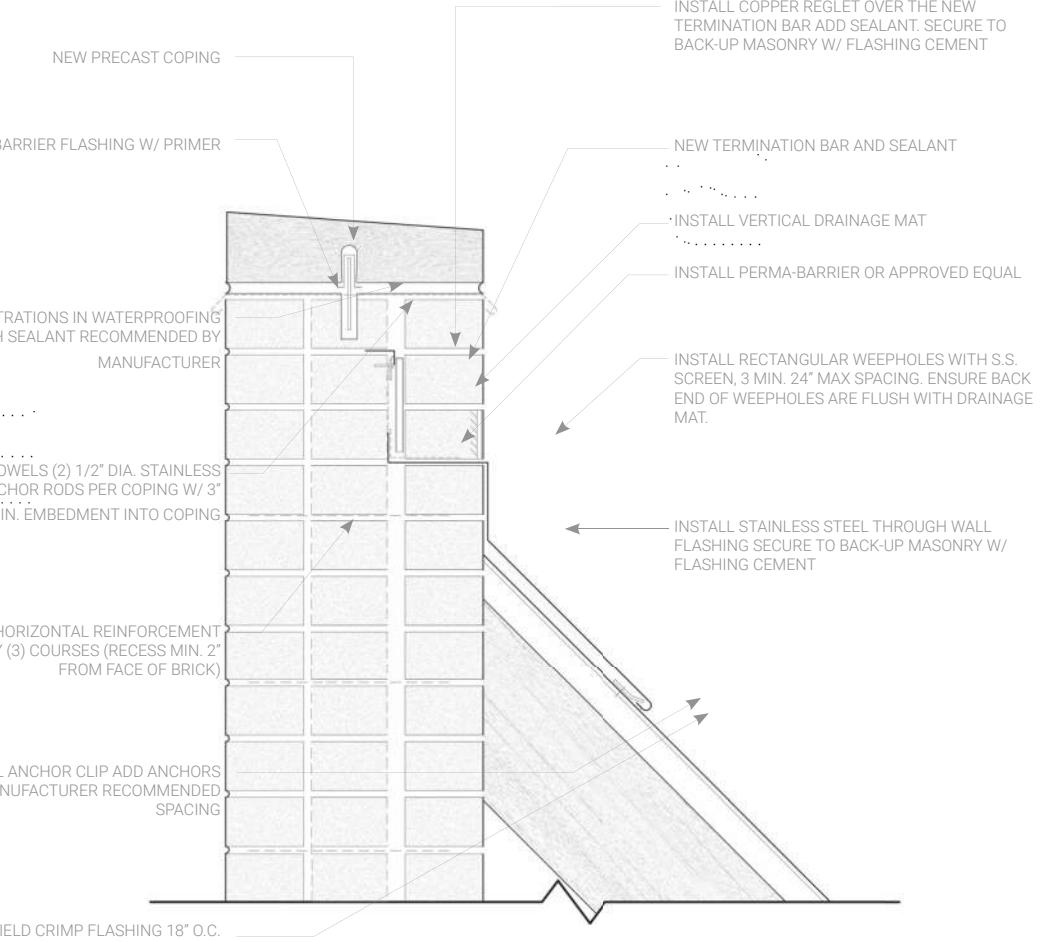
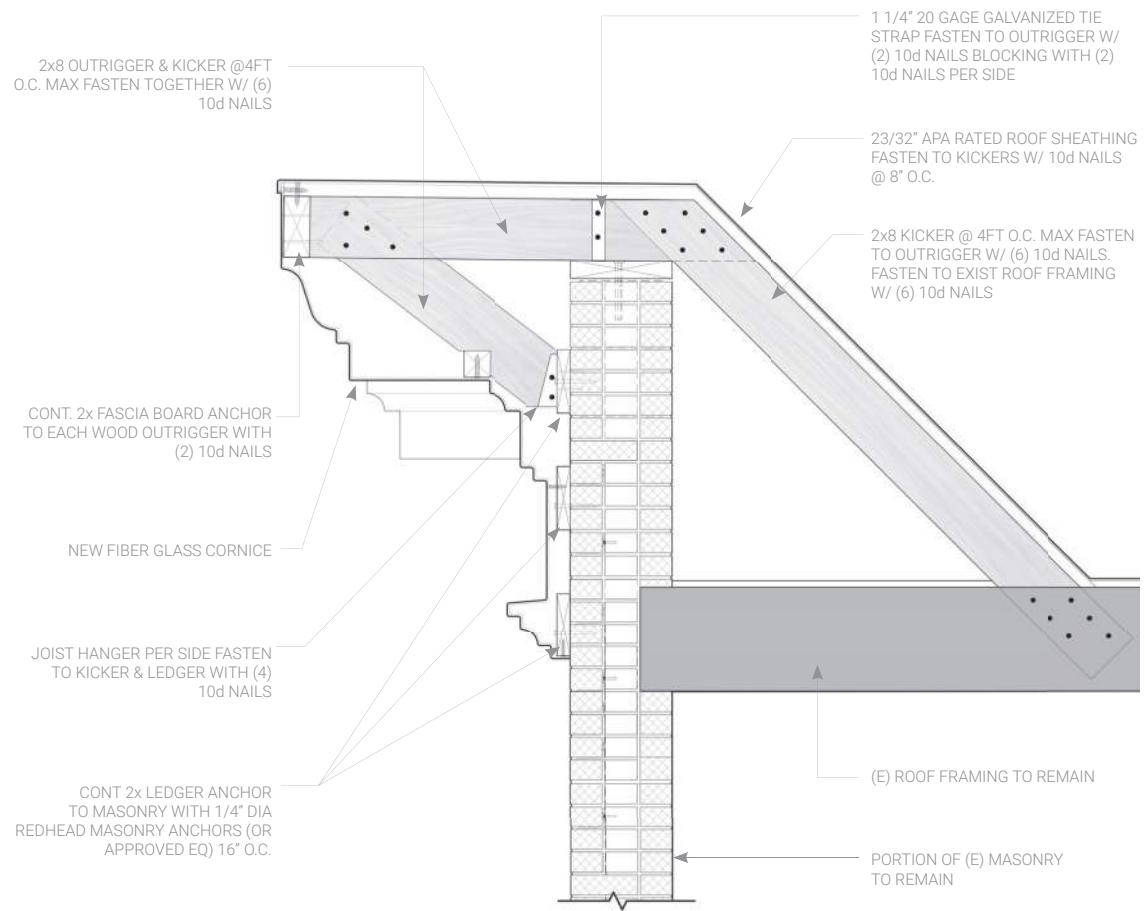


LL 11 Facade Restoration

1858 7th Ave, Cornice removal parapet rebuild



FRONT ELEVATION



REPLACE CORNICE DETAIL

REMOVE CORNICE DETAIL

LL 11 Facade Restoration

330 Wadsworth Avenue, Decorative terra-cotta lintel replacement



ORIGINAL CORNICE



PROBE TO DETERMINE
FRAMING



REMOVAL OF CORNICE



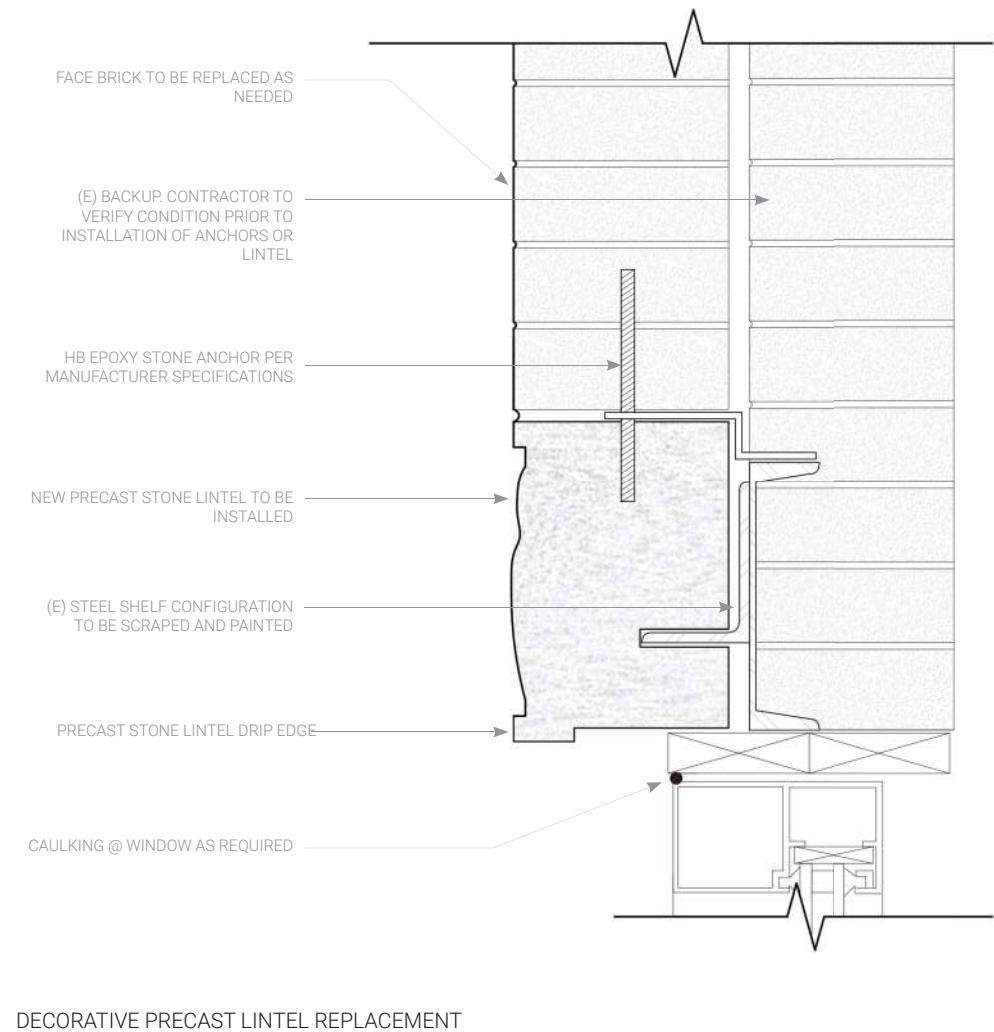
PARAPET AFTER CORNICE
REMOVAL



PARAPET REBUILD



NEW PARAPET COPING AND
FLASHING





DEFECTIVE TERRA-COTTA LINTEL



DEFECTIVE DECORATIVE TERRA-COTTA WINDOW TRIM

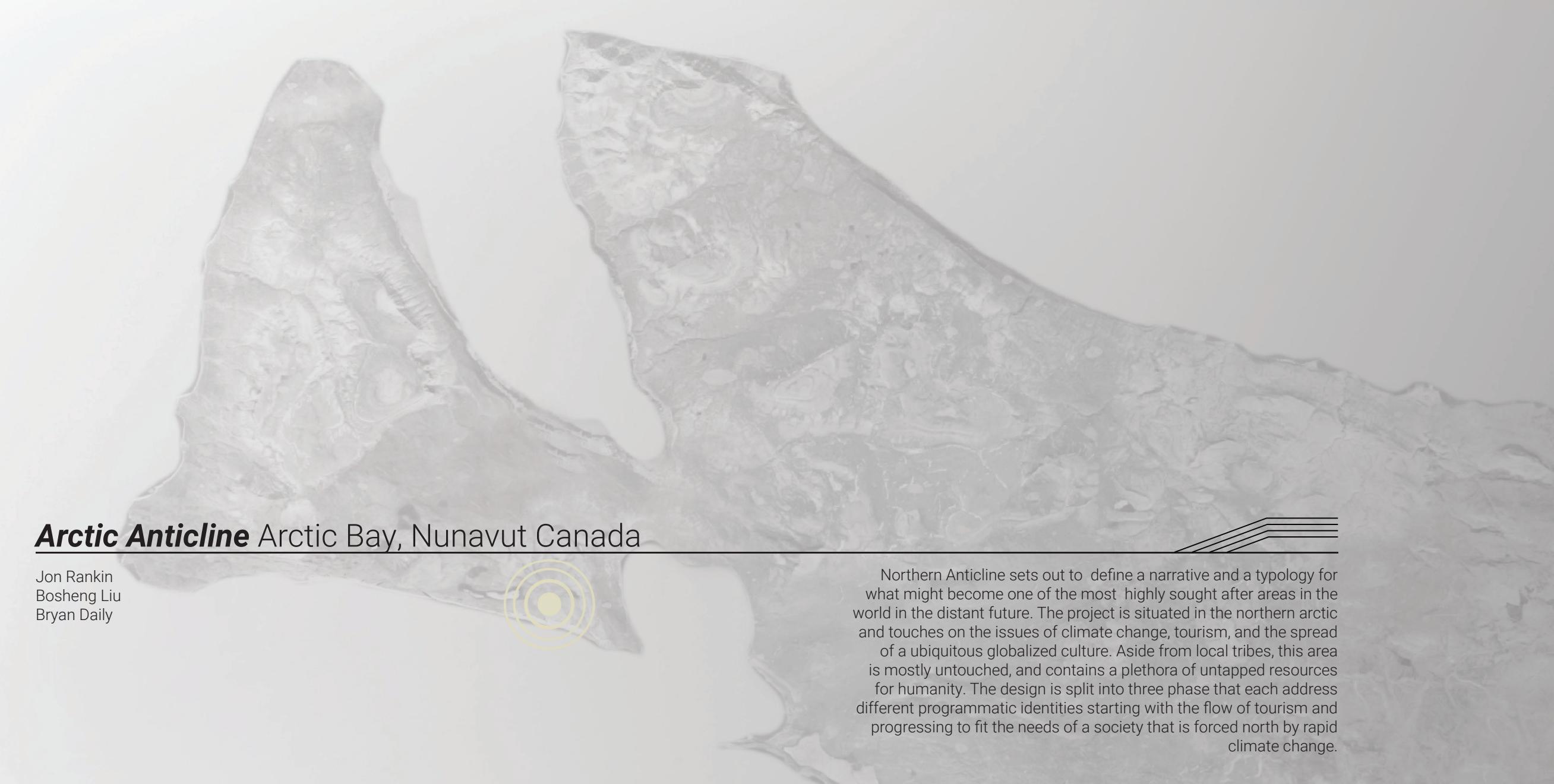


PRECAST LINTEL REPLACEMENT



DECORATIVE PRECAST LINTEL TRIM

Jonathan Rankin
Academic Works

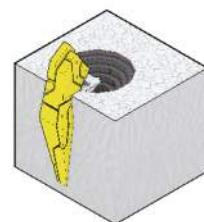
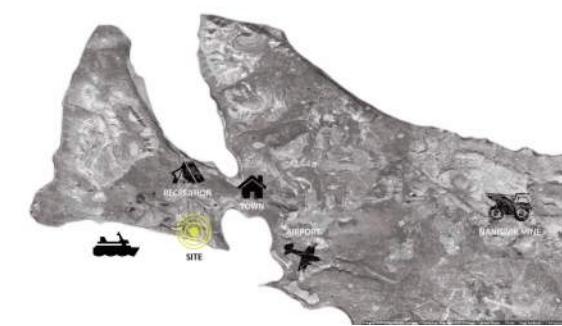
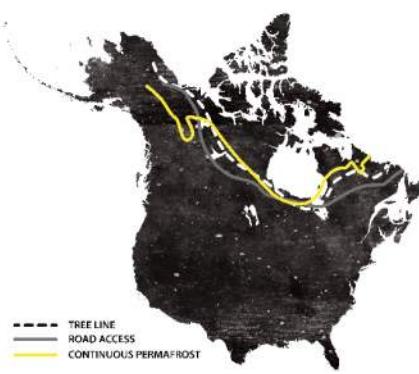


Arctic Anticline Arctic Bay, Nunavut Canada

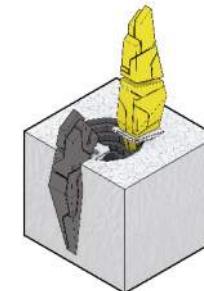
Jon Rankin
Bosheng Liu
Bryan Daily



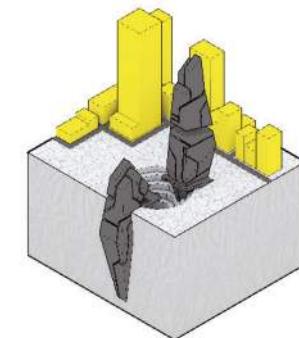
Northern Anticline sets out to define a narrative and a typology for what might become one of the most highly sought after areas in the world in the distant future. The project is situated in the northern arctic and touches on the issues of climate change, tourism, and the spread of a ubiquitous globalized culture. Aside from local tribes, this area is mostly untouched, and contains a plethora of untapped resources for humanity. The design is split into three phase that each address different programmatic identities starting with the flow of tourism and progressing to fit the needs of a society that is forced north by rapid climate change.



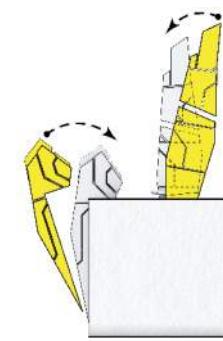
Phase 01



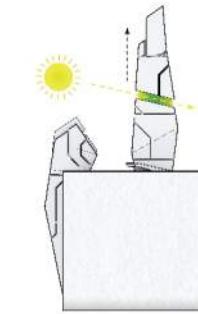
Phase 02



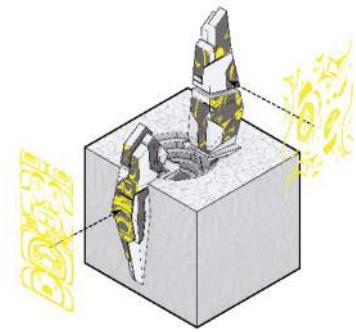
Phase 03



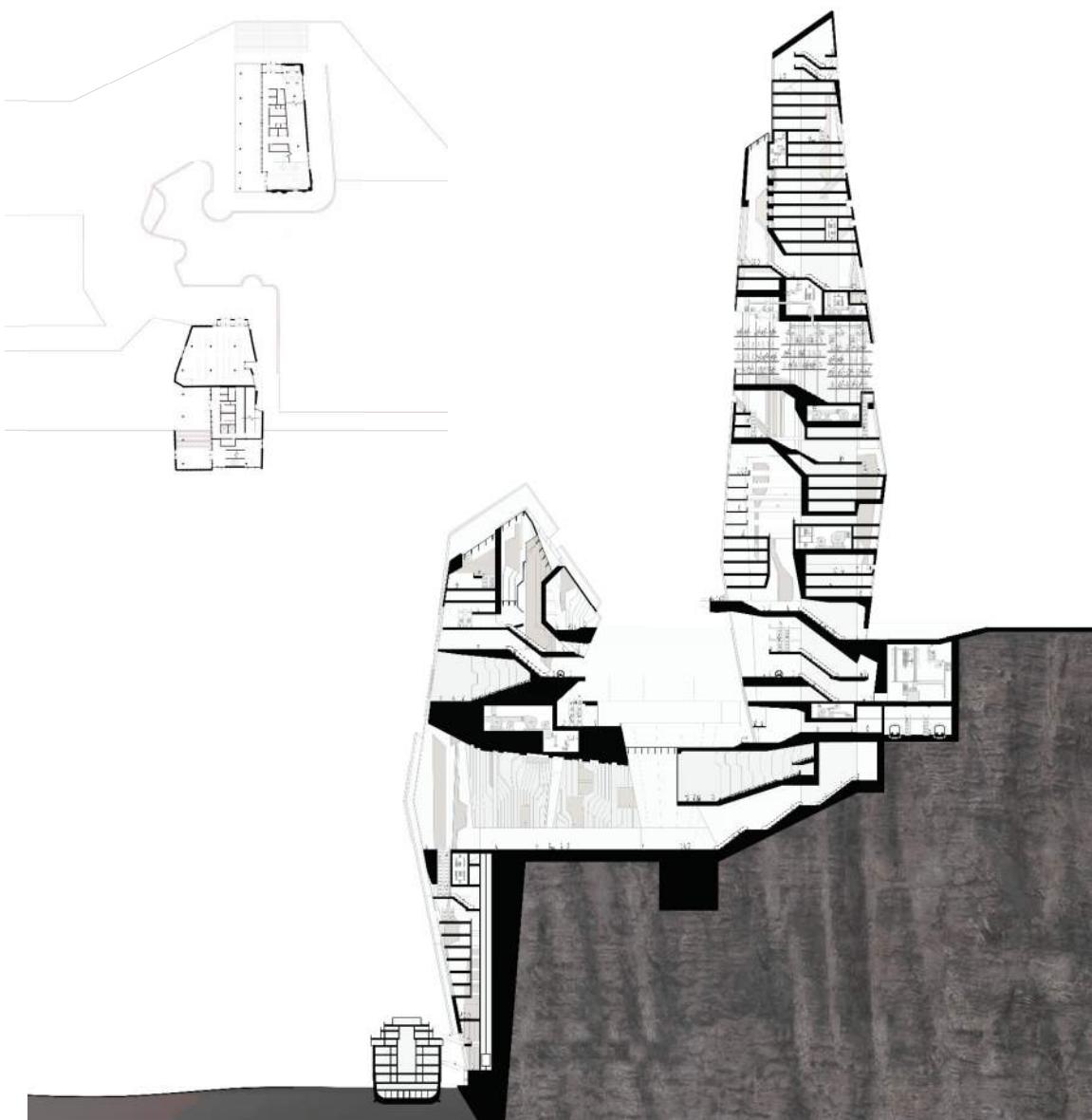
Clipping



Vertical Farming



Tattoo





D|Evolution

Jon Rankin
Jonathan Visgaitis
Hugh Patton
Julien Remi Bach Nguyen (water color credit)
Gerald Hopper



Both architecture and fashion fused to design a gown that was focused on bio-imitation. Inspiration from the cassowary bird is used in order to generate a mixture of scale fractal patterning, along with spike and feather motifs. A combination of digital fabrication and traditional techniques are used in order to assemble the dress. The scales are 3D printed directly on the fabric while printed spikes are connected via a shoulder pad.





Solar Charging Station, Kent Ohio

Jon Rankin

Zach Butler (photo credit)

Alex Petruso

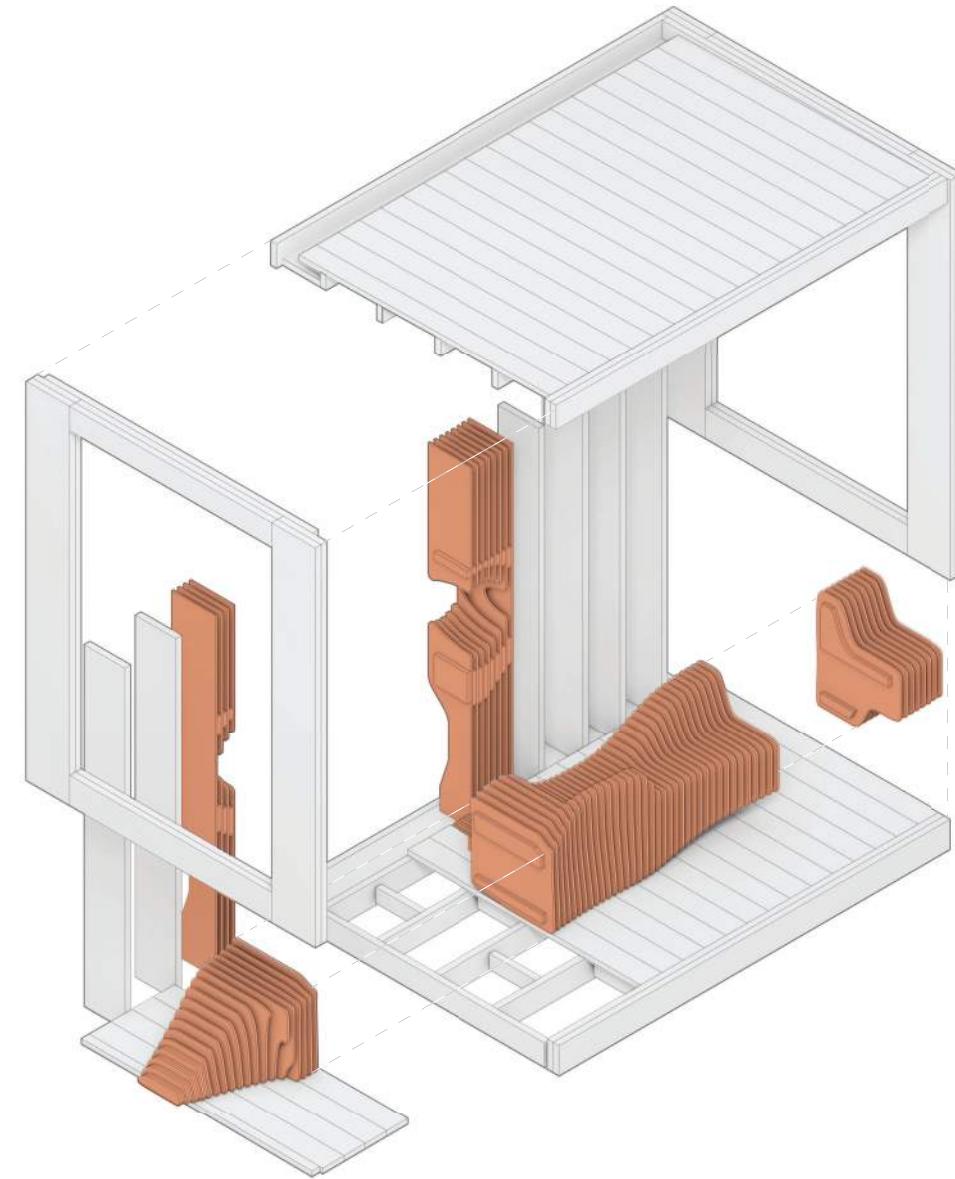
Jonathan Visgaitis

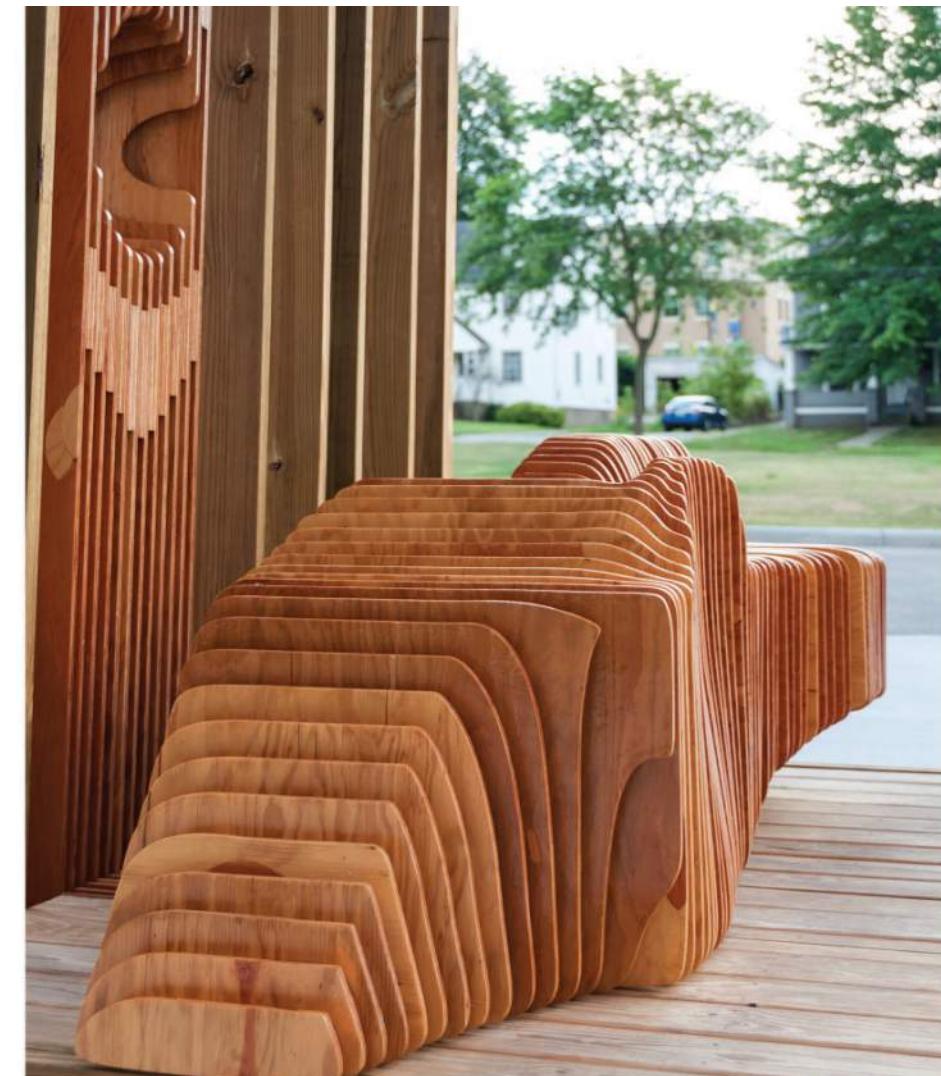
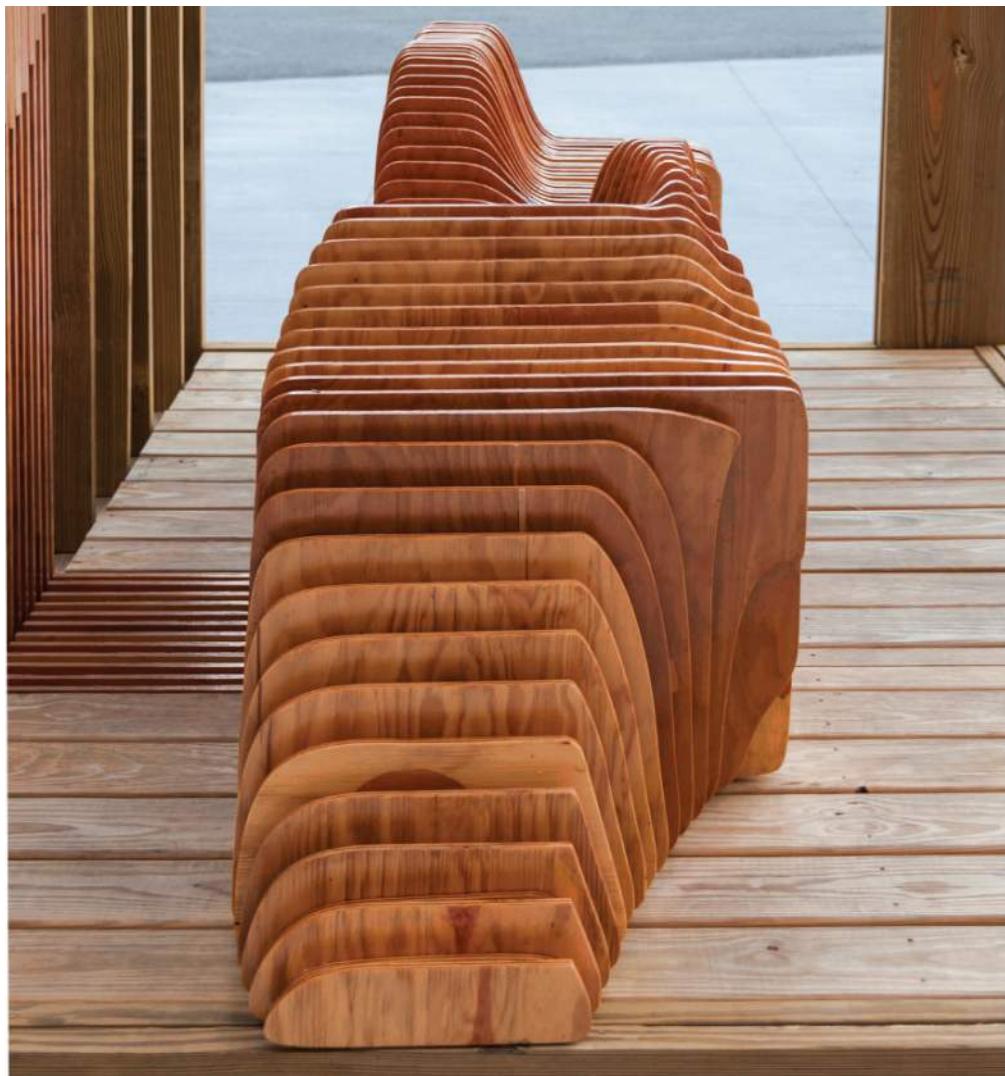
Alexis Dorko

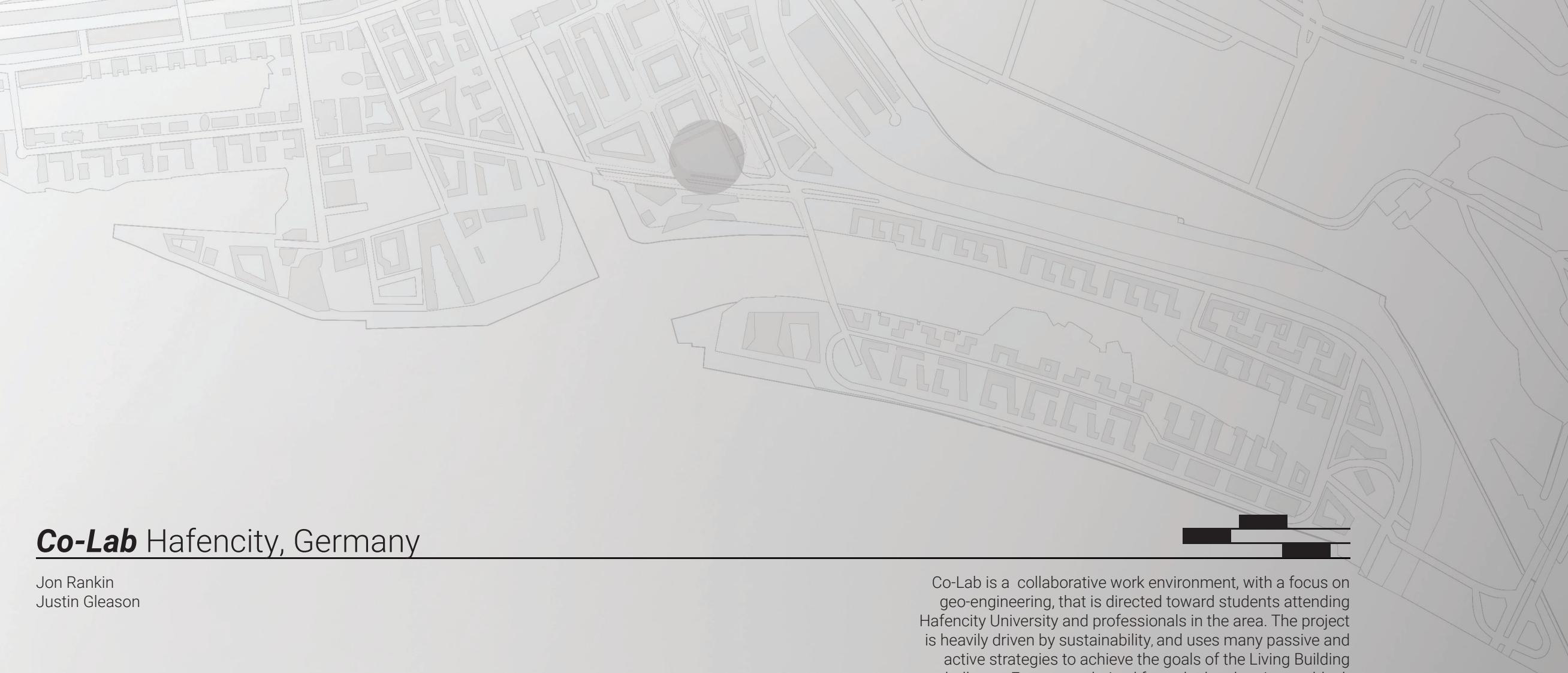
Jansen Meals



The Solar Charging Station is a small pavilion designed for allowing users to charge their electronic devices while waiting for public transportation. The soft curves of the bench are created from CNC milled birch plywood that is connected with wooden spacers. These spacers create a unique profile when observed from straight on, and are placed to prevent users from dropping their devices between the slats of the bench. Solar panels on the roof provide power to a battery hidden in the bench. Charging ports and cables emerge from the slats in the bench.



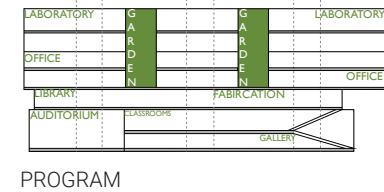
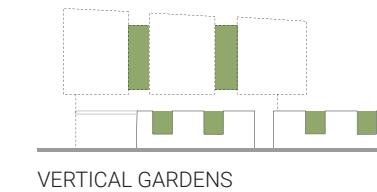
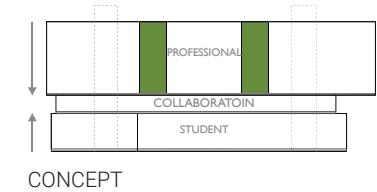
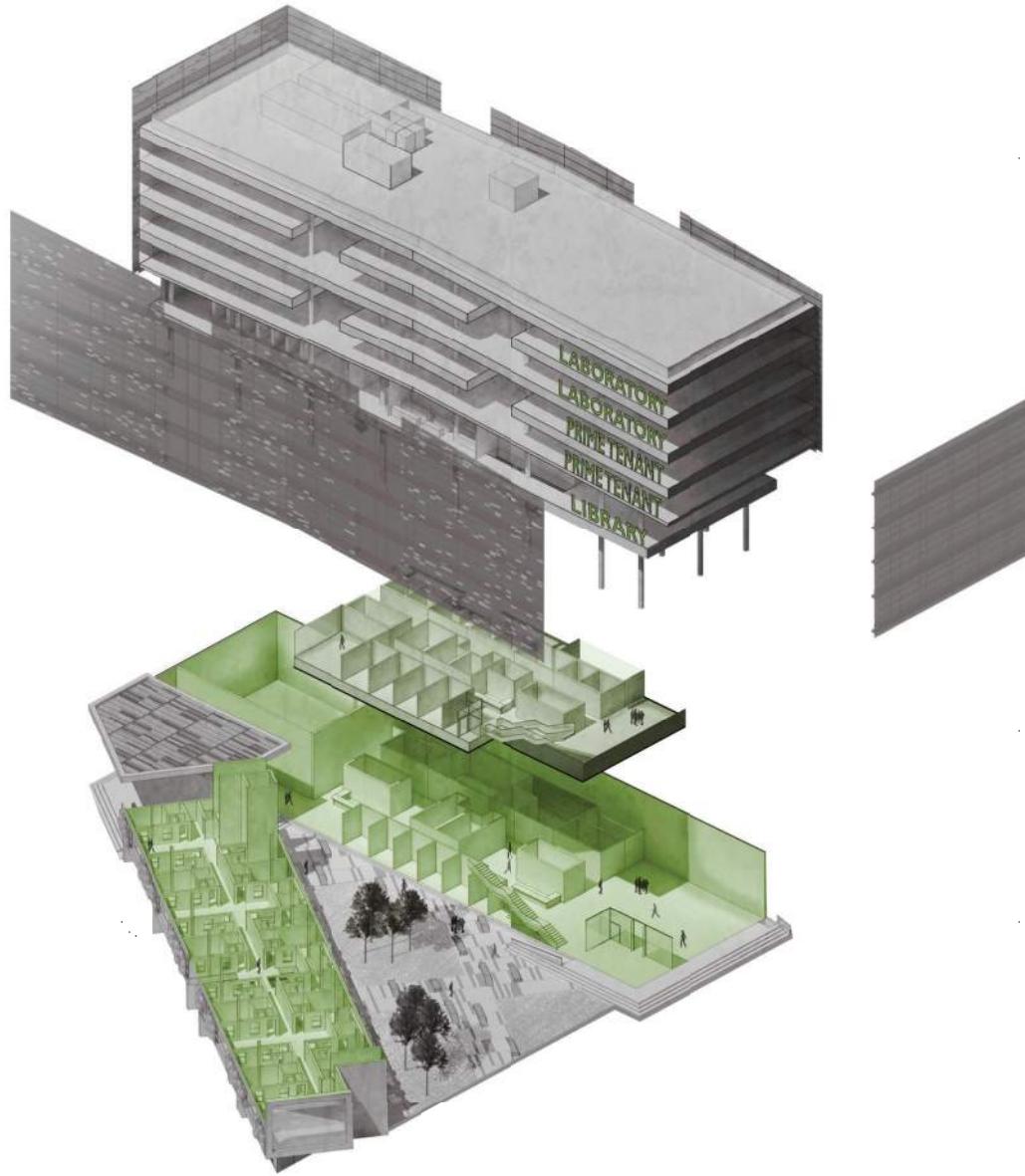




Co-Lab Hafencity, Germany

Jon Rankin
Justin Gleason

Co-Lab is a collaborative work environment, with a focus on geo-engineering, that is directed toward students attending Hafencity University and professionals in the area. The project is heavily driven by sustainability, and uses many passive and active strategies to achieve the goals of the Living Building challenge. Forms are derived from the local perimeter block vernacular, as well as radiation analysis. The building is split into university function on the lower floors, professional offices on the top floors, and a collaborative space in the middle.



SECTIONS



ELEVATIONS



