



ROMI MILARD
ARCHITECTURE PORTFOLIO

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MIAMI BEACH WORKFORCE HOUSING

Software used: Revit, FormIt, Photoshop, and Lumion

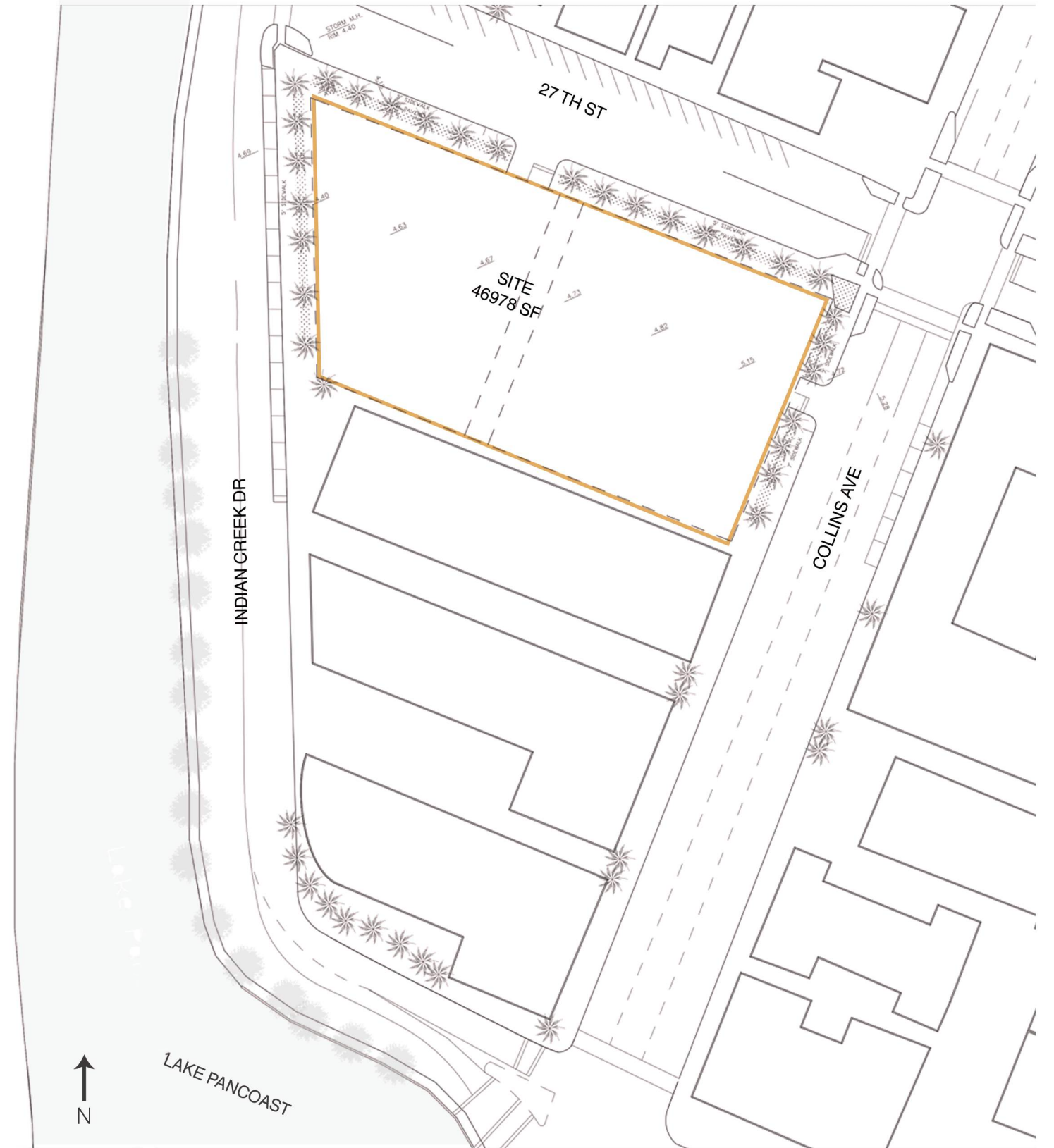


01 MIAMI BEACH WORKFORCE HOUSING

The Miami Beach Workforce Housing is a project designed to provide affordable housing for households earning 60 to 120 percent of the area median income, the Miami Beach area. The project needs to include mixed-uses, residential, retail, and culture. All the design approach taken to arrive to a final proposal was done based on the environmental and cultural aspects of the site.



Photos of the site and surroundings



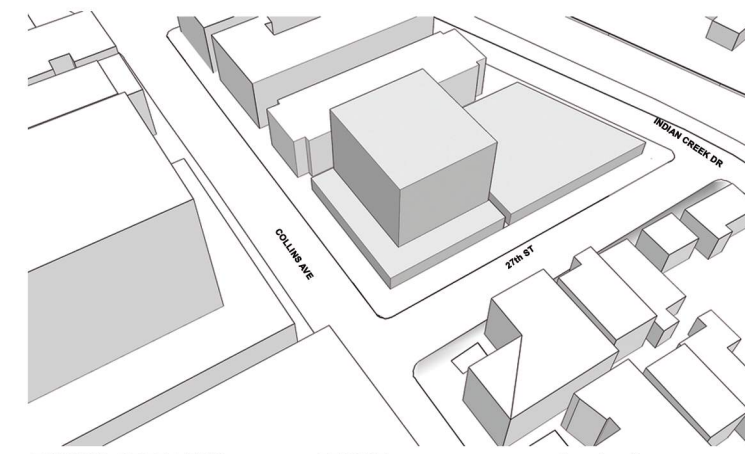
Site Plan

01 MIAMI BEACH WORKFORCE HOUSING

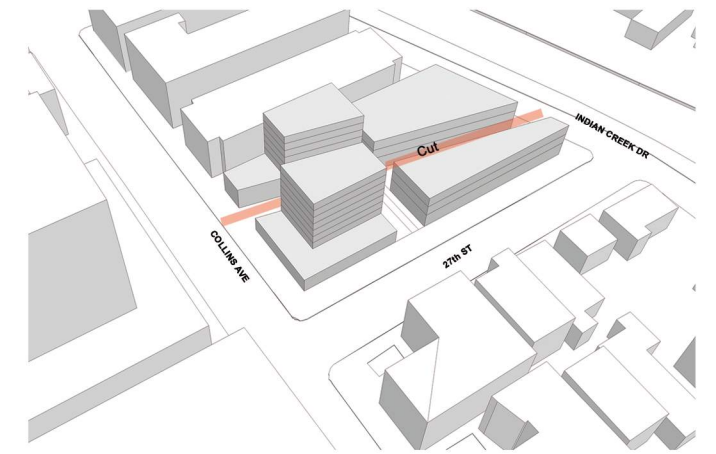
PARTI DIAGRAM

A series of conceptual diagrams was done to obtain a final massing and program diagram for the building. Each manipulations of the massing were done based on the concept of creating a promenade linking both parallel streets and adjacent to the site, Collins Ave and Indian Creek Dr. As a result, the final design will be more open and cross ventilated.

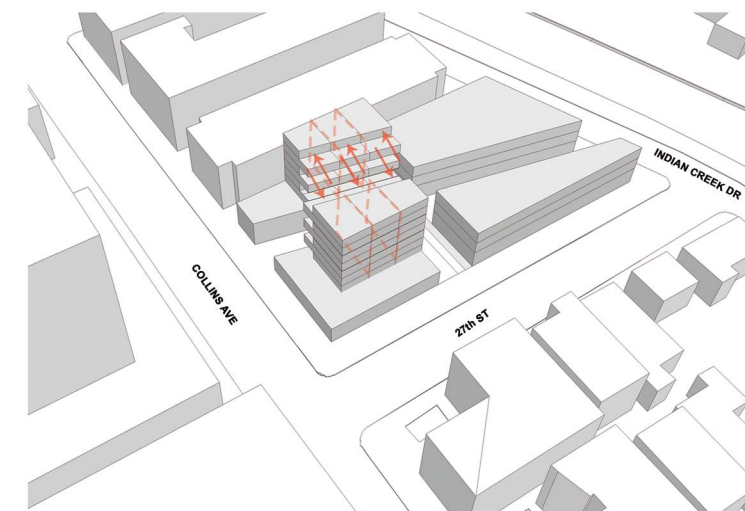
- | | | | |
|--|----------------|---|-------------|
|  | PARKING LOT |  | RETAIL |
|  | AUDITORIUM |  | RESIDENTIAL |
|  | ADMINISTRATION |  | CIRCULATION |



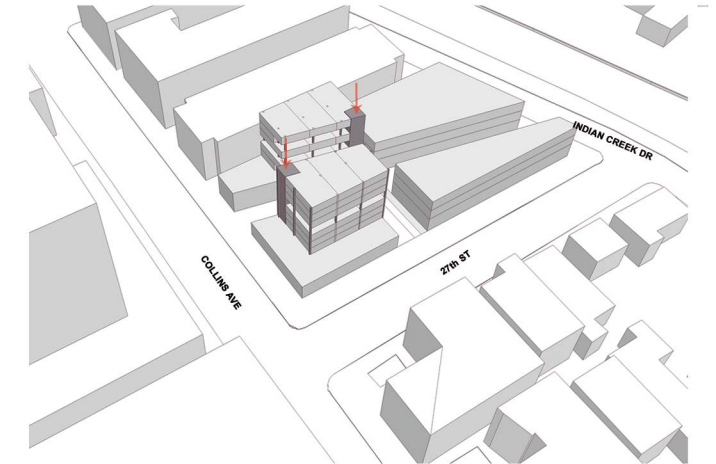
ZONING SETBACKS: FRONT: 20' setback
SIDES: 7.5' setback
REAR: no setback



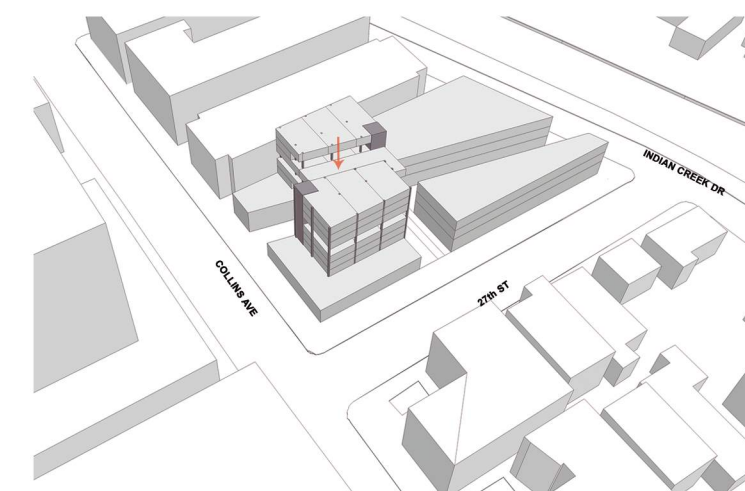
CUTTING THROUGH THE SITE TO IMPLEMENT CROSS VENTILATION, AND A PROMENADE



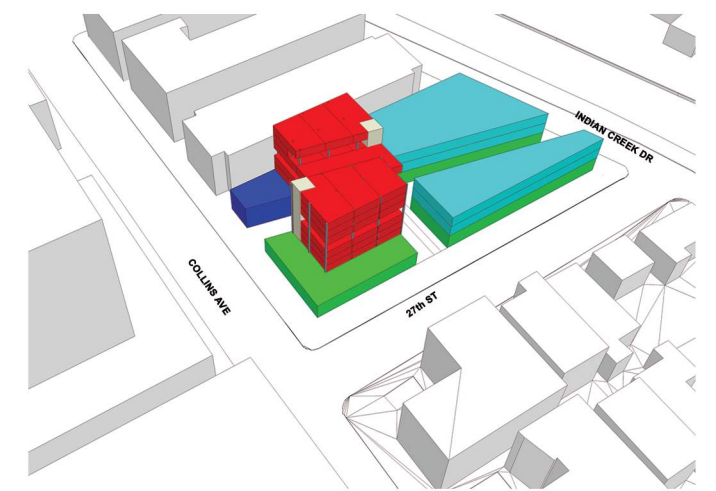
PULLING AND PUSHING TO CREATE SINGLE LOADED CORRIDORS AND OPTIMIZING CROSS- VENTILATION ALONG THE CIRCULATION AREAS DEDICATED TO THE RESIDENTIAL UNITS.



IMPLEMENTATION OF SERVICE CORES AND STRUCTURES

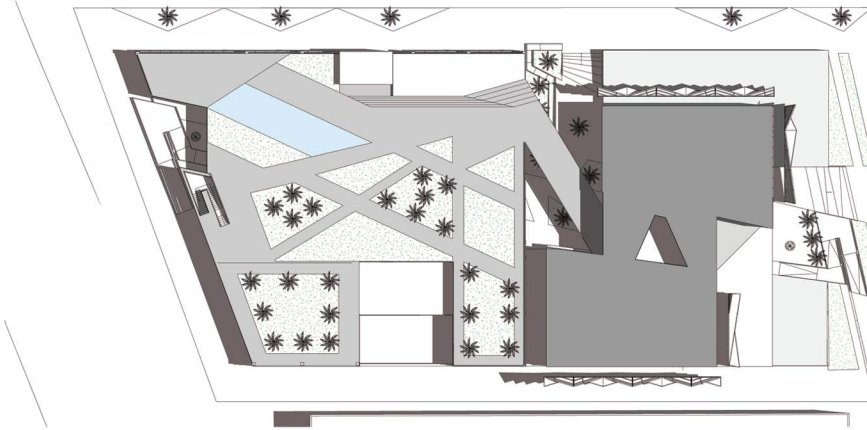


BRIDGING THE TWO TOWERS TOGETHER BY IMPLEMENTING PUBLIC PROGRAMS.

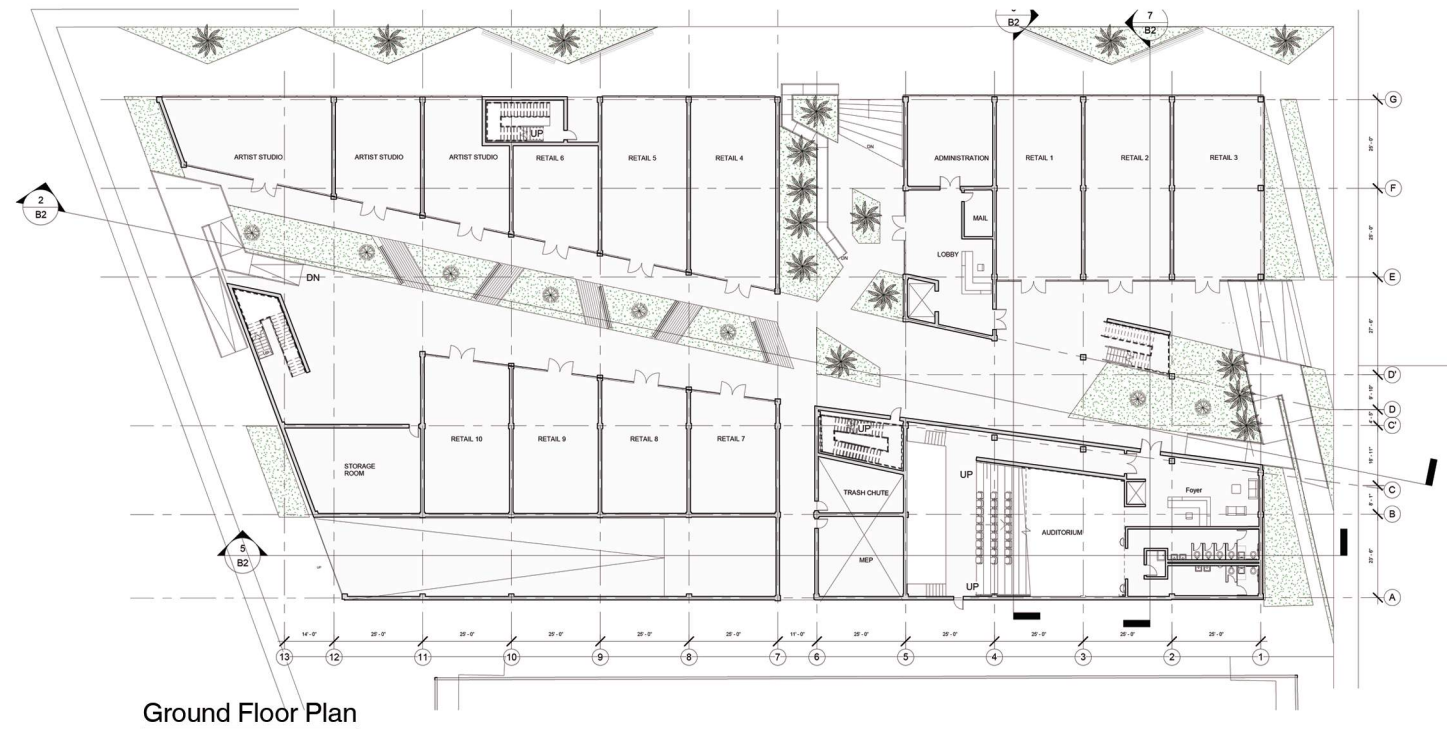


INCORPORATION OF A SKIN INSPIRED BY THE MOVEMENT OF WATER AND THE BEACH SAND LOCATED NEAR THE SITE

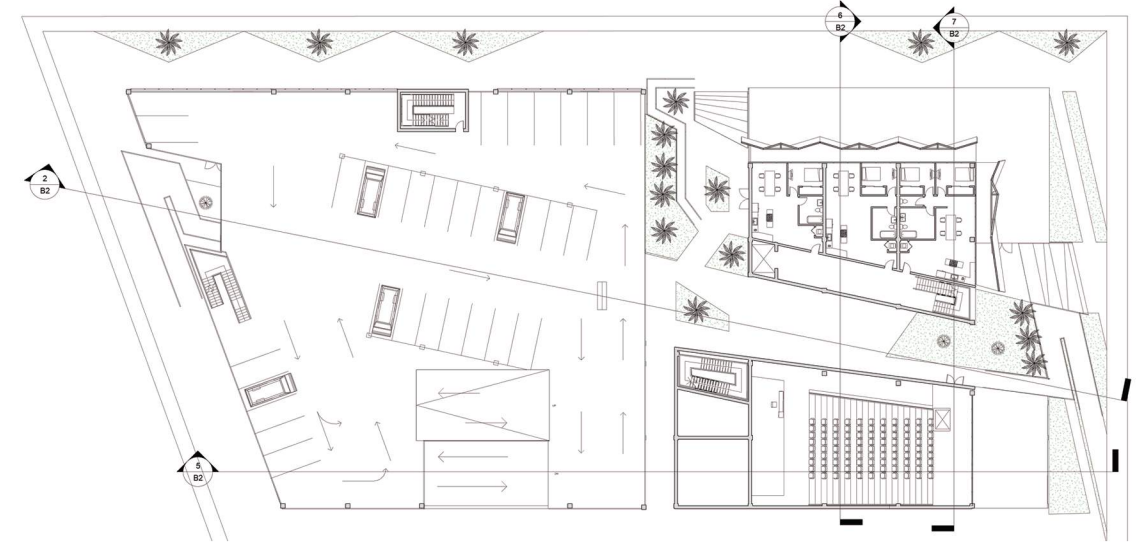
01 MIAMI BEACH WORKFORCE HOUSING



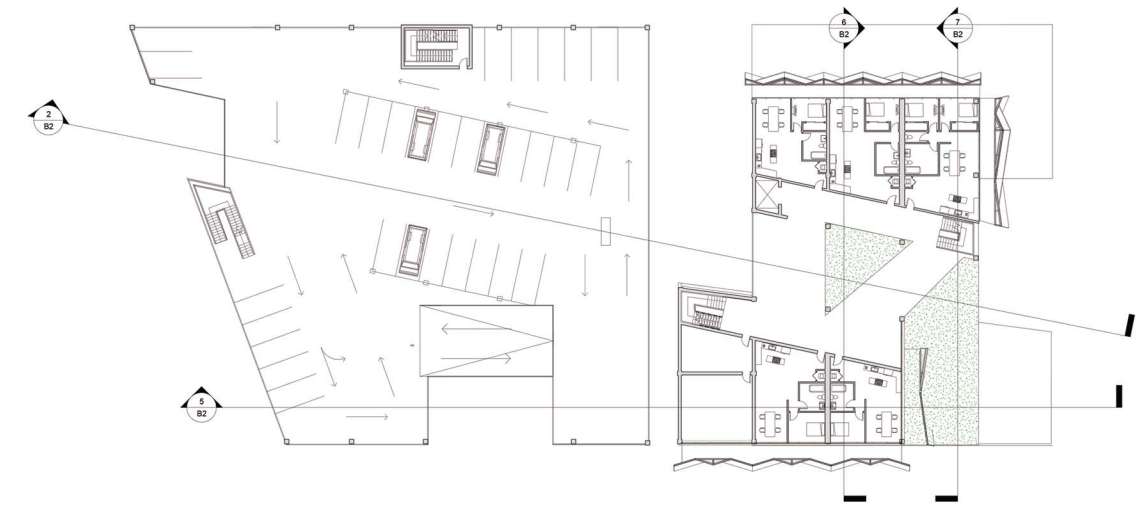
Site Plan



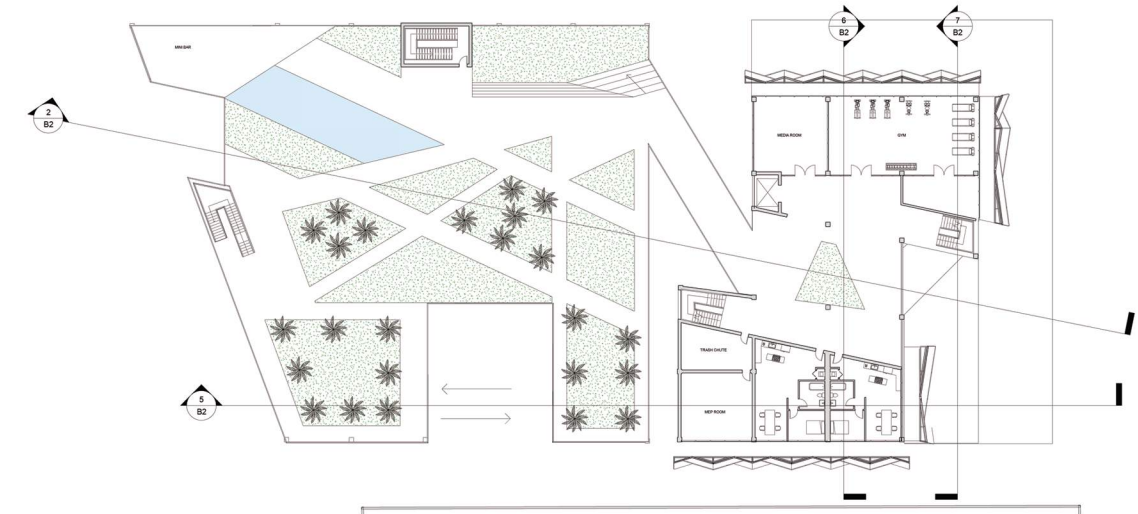
Ground Floor Plan



Pedestal



Second Floor Plan

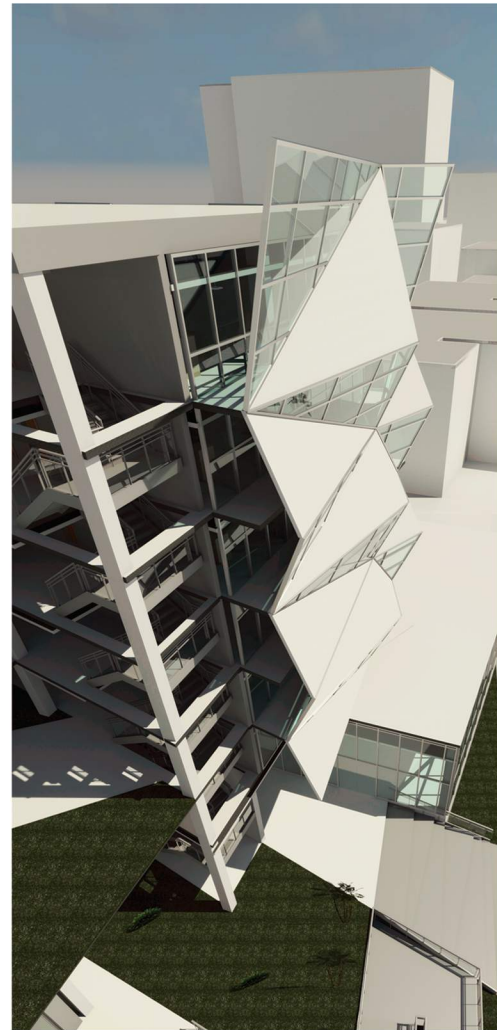


Third Floor Plan

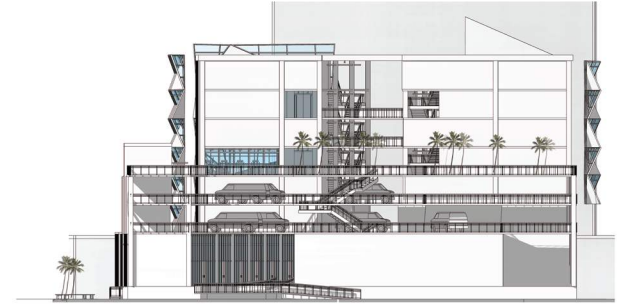
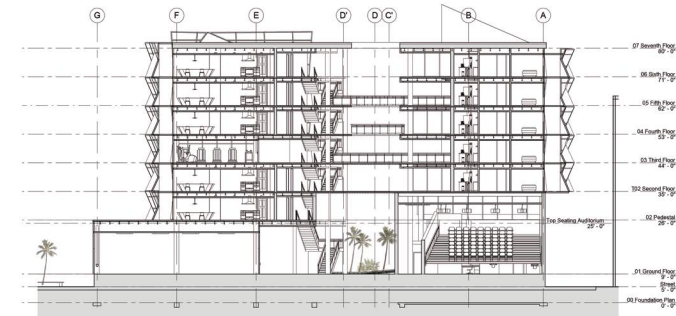
01 MIAMI BEACH WORKFORCE HOUSING



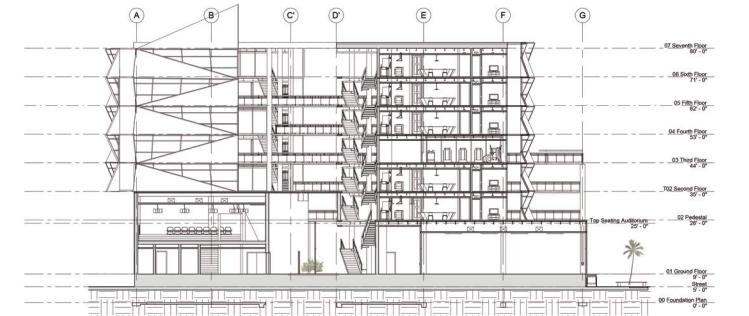
Renderings



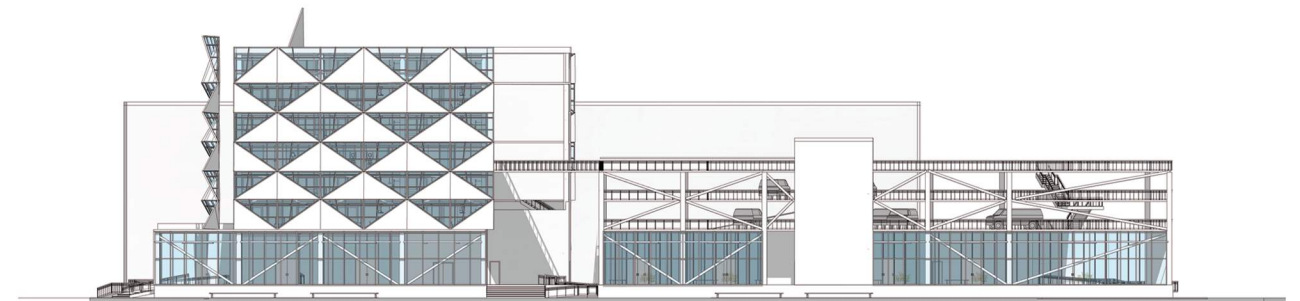
East Elevation



West Elevation

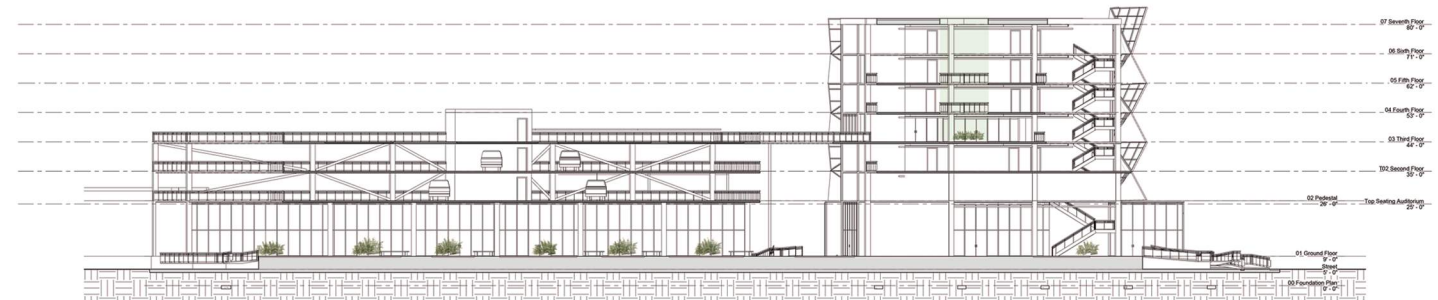


Cross Section A



Cross Section B

North Elevation



Longitudinal Section



INFILL HOUSING

Software used: Revit, Photoshop, and Lumion



02 INFILL HOUSING

In Savannah, one is often impressed by the variety of housing typologies imbedded in its fabric. Within a height limited urban fabric composed of small lots, endless alternatives occur which embrace their dimensional limits with invention and creativity. This project is composed of two main parts, the Artist Live-Work mini apartments, and the carriage house apartment. This project seeks to investigate living in Savannah. It brings together a multi-disciplinary group of artists under one roof. The inhabitants of this building are visiting artists who are recipients of a one-year fellowship to work and live in Savannah. These artists can be painters, architects, sculptors, dancers, filmmakers or others. These artists each have their own unique disciplines and a way of perceiving and occupying space yet are interested in working and living within an interdisciplinary collective.



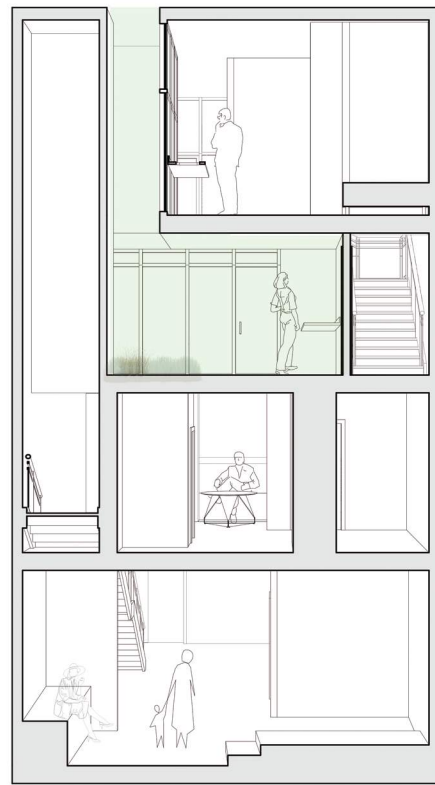
Calhoun Ward - Site Axonometric



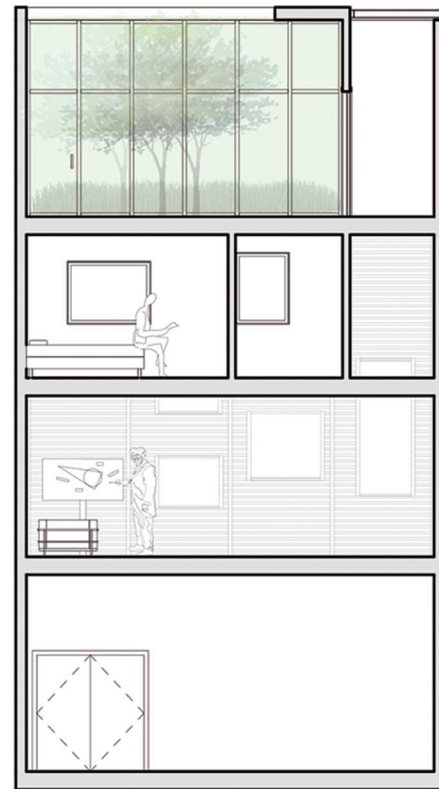
East Jones Street - Site Elevation

02 INFILL HOUSING

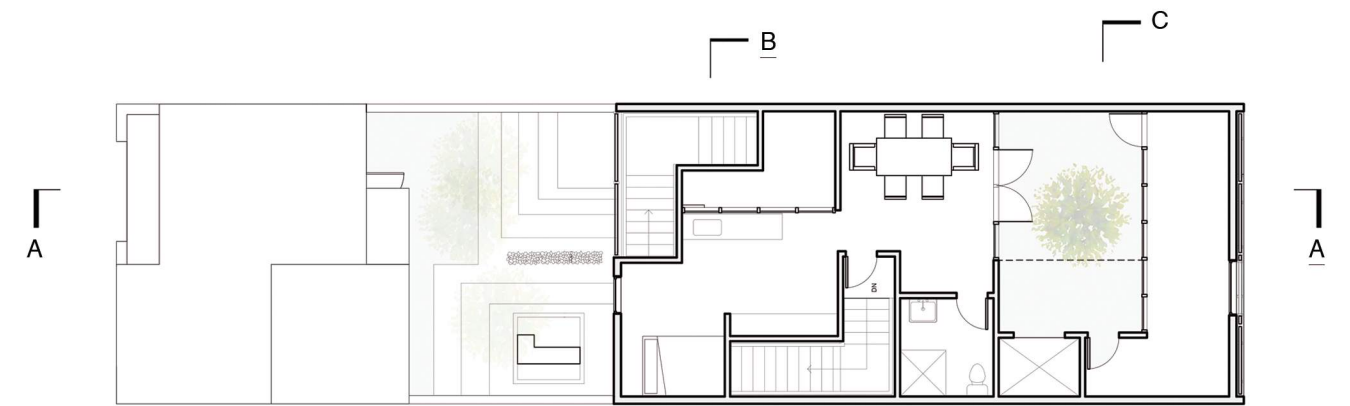
The concept for the infill apartment was to create an interior layout that reflects the abundance of vegetation that is present in the streets of savannah. The goal was to create an interior layout that mixed outdoor areas with private and public areas. Each floor has its unique garden, therefore each artist would have their own private garden. Each garden have different roles, some act as transitional, and inspirational spaces while some dictate the hierarchy and organization of the public/private spaces. In addition, there is a connection between the main circulation (stairs) and the gardens- they are both following the same sequence. Therefore, as someone moves toward the last floor he/she will always have a connection with some greenery same as if he/she will be walking outside.



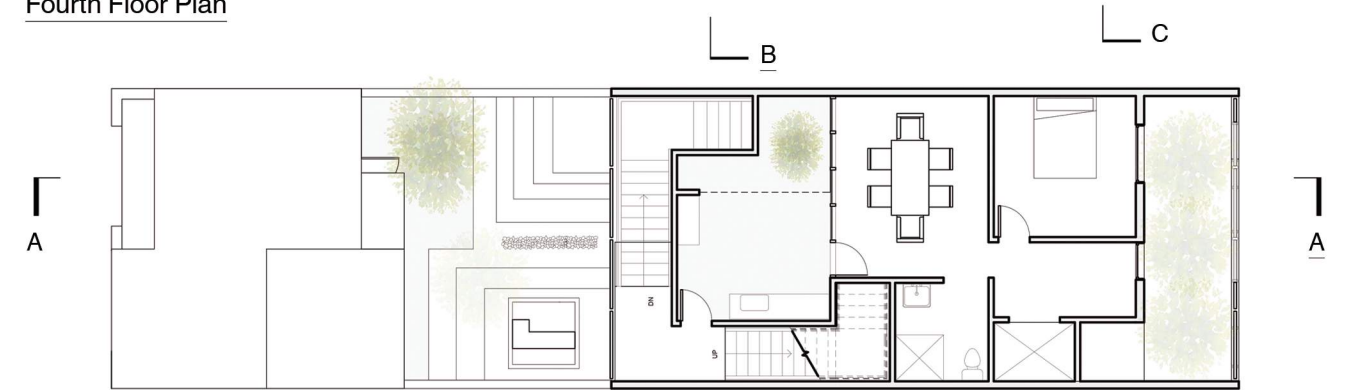
Section B



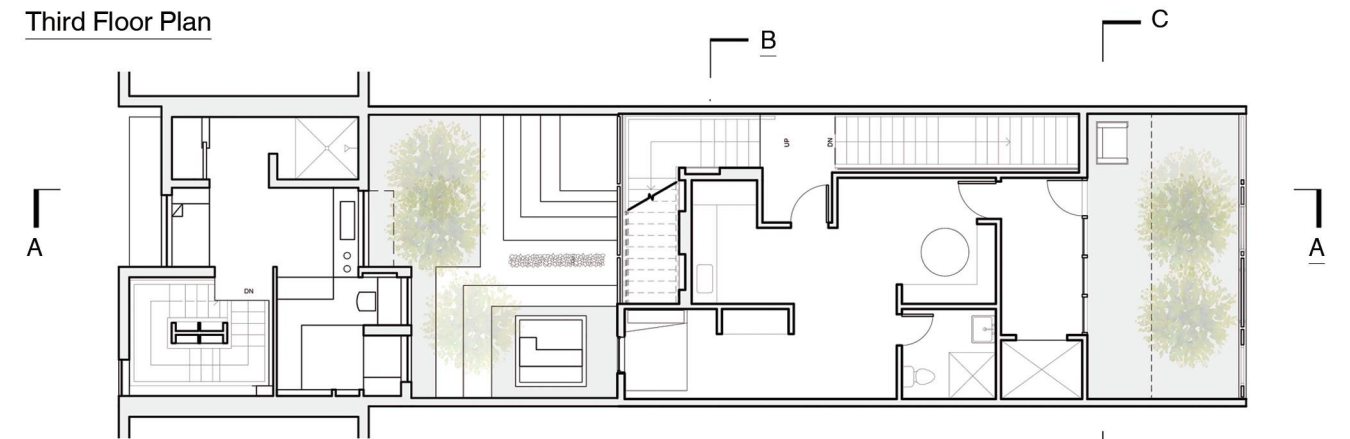
Section C



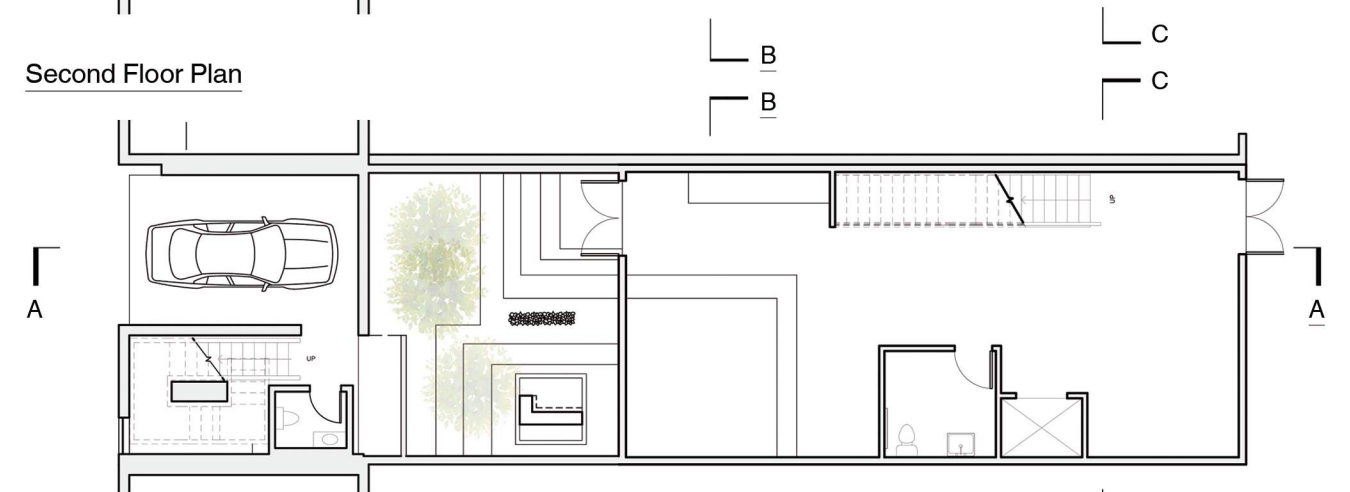
Fourth Floor Plan



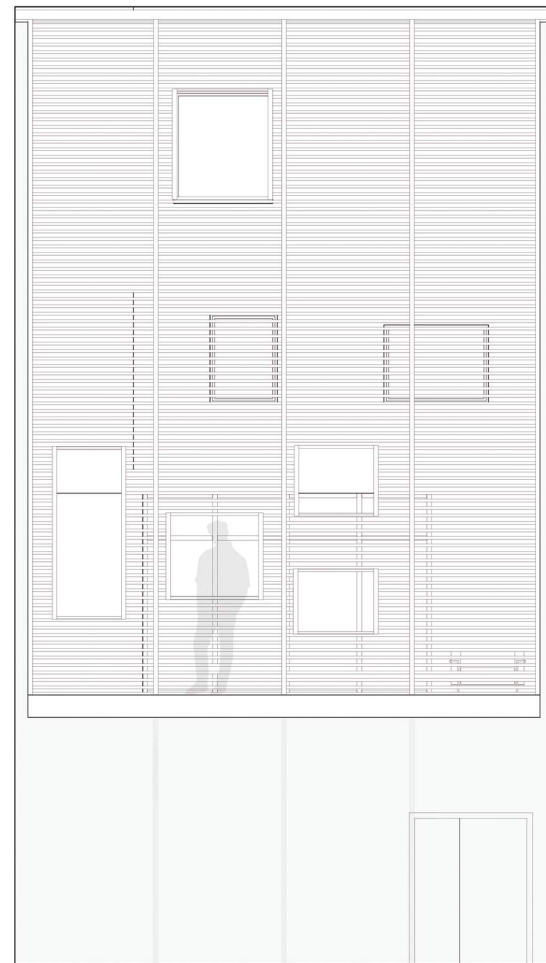
Third Floor Plan



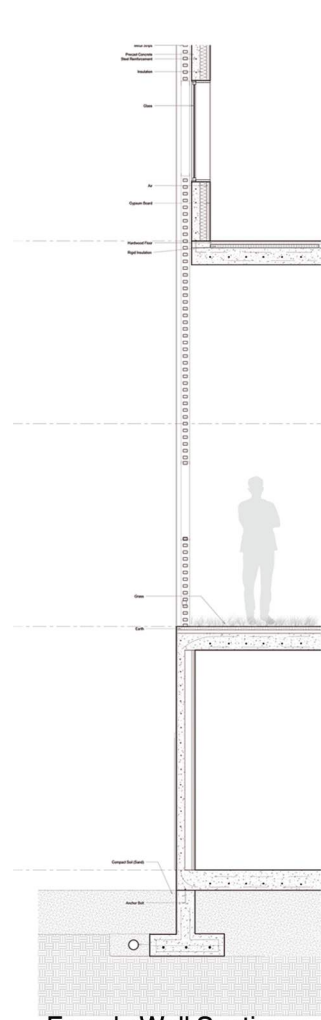
Second Floor Plan



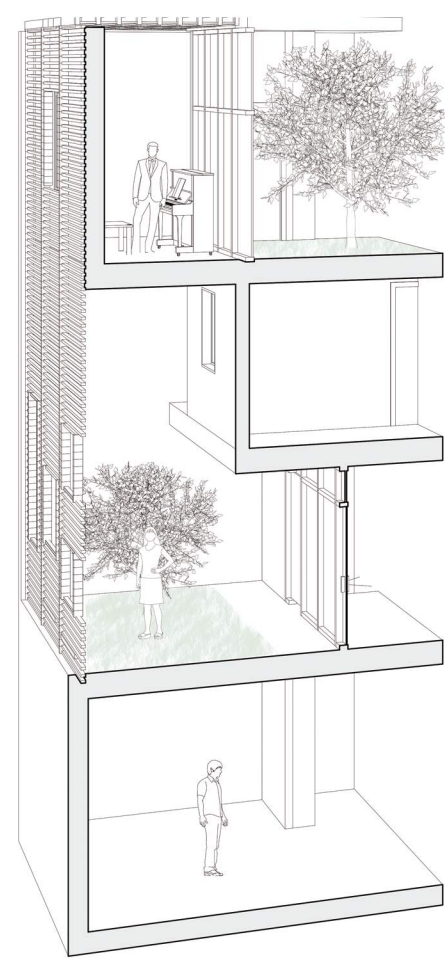
Ground Floor Plan



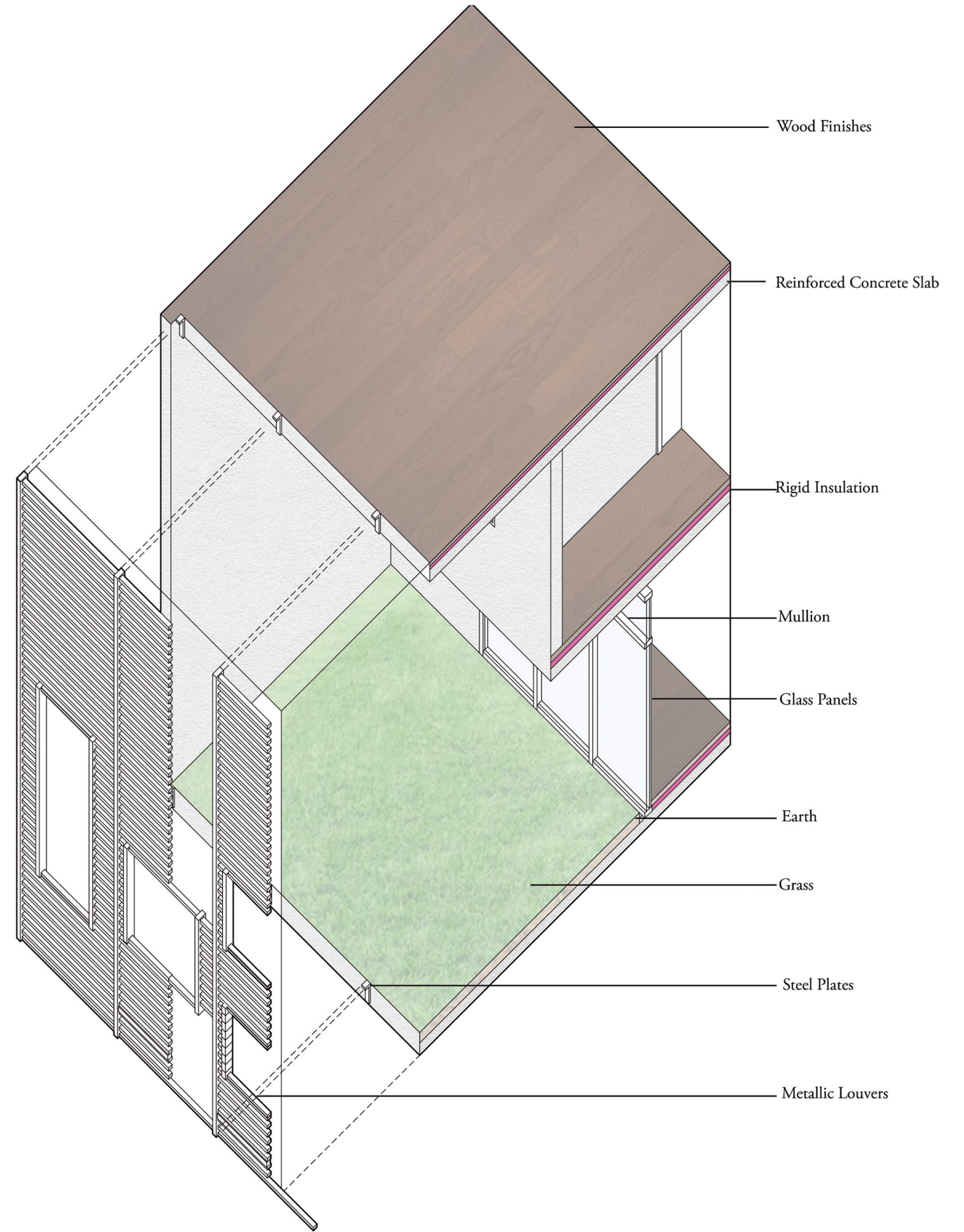
Facade Elevation



Facade Wall Section



Facade Section Perspective



Axonometric Detail



LITTLE HAITI STADIUM

Software used: Sketchup, Autocad, Photoshop, and Lumion



03 LITTLE HAITI STADIUM

The Little Haiti Stadium is a project that started after the controversy surrounding the Beckham Group's proposal for a stadium located in Miami-Dade. The proposal is located just east on the Miami International Airport on public land that is currently used as the Melresse Golf Course. However, previous proposal by the Beckham Group were already rejected. The little Haiti stadium was created as a backup plan in case that the latest proposal was denied. This proposal will look into why and how Edison Court in Little Haiti serves as the best platform for BG and for the City of Miami. This project had four main goals:

- Producing a thoughtful plan of approach for the district based on maximization of a particular transect designation of the Miami 21 Code through a workshop dedicated to Little Haiti's development
- Rethinking what can take place and what will happen when applying a denser and mixed-use program to an area of art, culture, and business through thoughtful design and critical thinking. The studio's focus is planning for a better density and proper urban approach to the area. This is founded on a well-rounded understanding of community potential found in the district and semester's research.
- Gaining an understanding of programing and density and how this can influence the change in both the area and the community.
- Developing and producing anti-typical architectural environments of public uses, housing and commercial space ranging from the micro-living room to the macro-major communal shared spaces, in order to execute a design that processes and evaluate all necessary information to engender difference, mark certain points of crossing and complementary information and conditions.



Site Plan

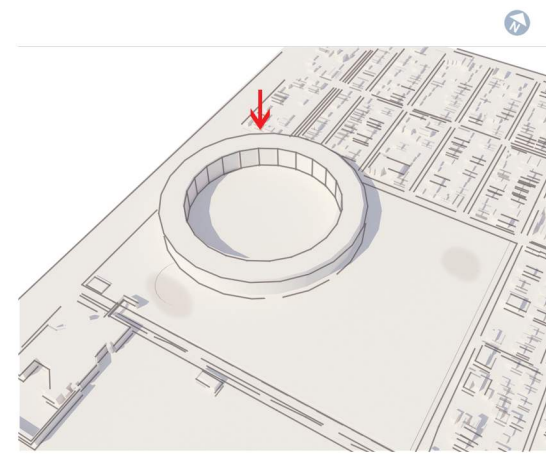


PARTI DIAGRAM

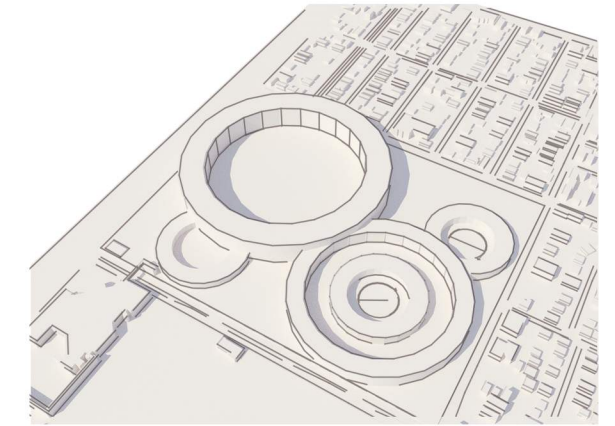
A series of conceptual diagrams was done to obtain a final massing and program diagram for the building. Each manipulations of the massing were done based on the mechanical system of a gear train. Each major program will share a connection and will be in harmony within the site.

PROGRAM

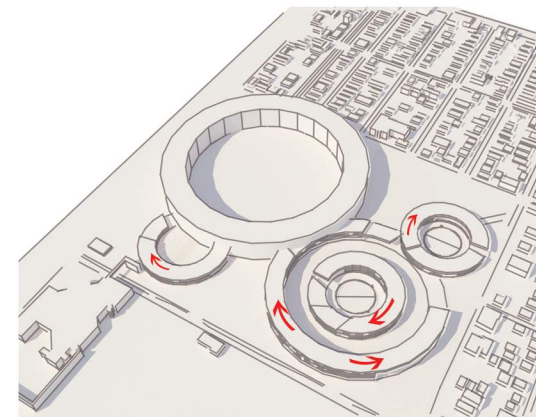
- Min 25,000 Seat Soccer Stadium
- Residential Units (Maximum units)
- Restaurants, Offices, Library, Shops and Commercial spaces
- Gardens and public spaces, playground
- K-8 School (600 Capacity)
- Public Restrooms
- Public Parking



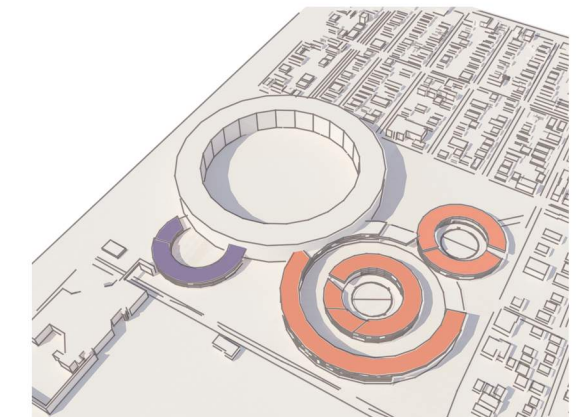
PLACING THE STADIUM NEXT TO I-95 TO PROVIDE A BUFFER ZONE TO THE SITE, AND TO PROVIDE EXPOSURE TO THE BUSINESSES IN THE STADIUM



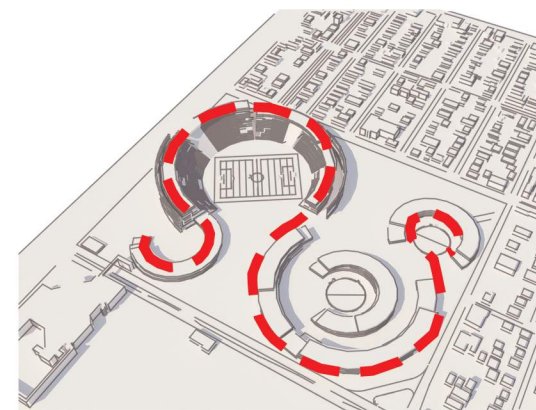
PLACING THE REST OF THE MASSING FOLLOWING THE LOGIC OF A GEAR, CREATING HARMONY IN THE SITE. THE PROGRAMS WILL BE RADIATING FROM CENTRAL NODES.



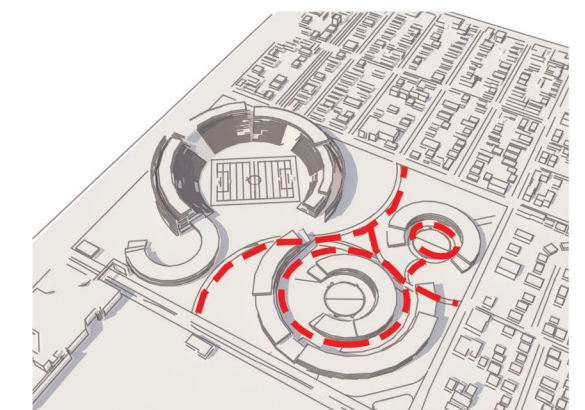
BREAKING AND SHIFTING THE MASS TO ALLOW THE CREATION OF OPEN SPACES SUCH AS TERRACES AND MAKING THE PROGRAM MORE DYNAMIC AND INTERCHANGEABLE



RESIDENTIAL AND COMMERCIAL ARE IN RED. SCHOOL IS IN BLUE



EACH MASSING SHARES A CONNECTION



ADDING VEHICULAR AND PEDESTRIAN CIRCULATION CONNECTING THE SURROUNDING STREETS AND CREATING A PROMENADE AROUND THE MAIN NODE

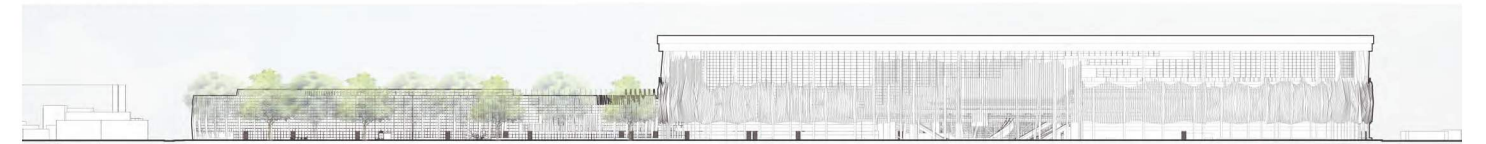
03 LITTLE HAITI STADIUM



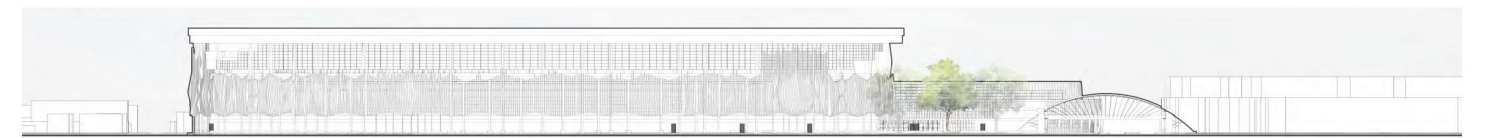
Ground Floor Plan



South Elevation



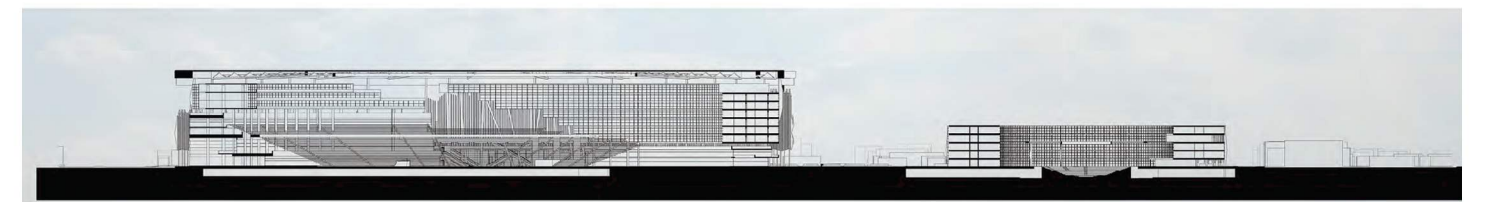
North Elevation



West Elevation



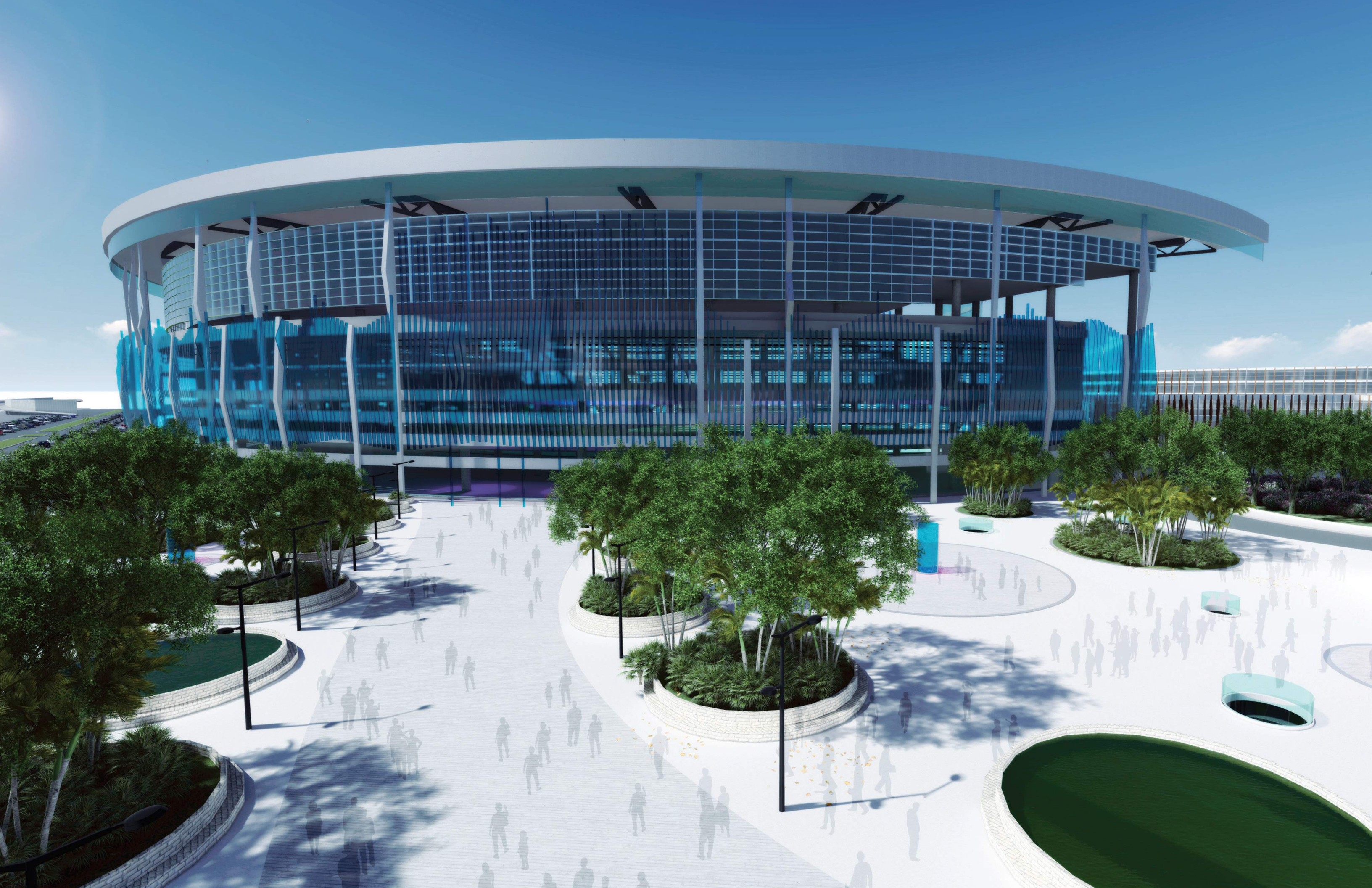
East Elevation



Site Section A



Site Section B



OFFICE PROJECTS

Projects completed or developed while working at RE Chisholm Architects, INC, under the supervision of Robert E. Chisholm, FAIA, and Matthew Polak, AIA.

04 OFFICE PROJECT 1

Belen Jesuit Preparatory School – Master Plan + Sports Complex

RE Chisholm Architects – Miami, FL

Role: Project Manager

Dates (Role): September 2023 – May 2025

Project Duration: 2022 – Ongoing

Project Description:

Contributed to the design and documentation of a large-scale athletic complex for Belen Jesuit Preparatory School, including a baseball stadium, arrival plaza, and supporting infrastructure. Responsibilities included project coordination, schematic design proposals, client presentations, and construction documentation.

Responsibilities:

- Led schematic design proposals and construction documentation
- Developed 3D renderings and presentations (SketchUp & Lumion)
- Managed consultant coordination and project deliverables
- Participated in site visits and tracked construction progress
- Issued meeting minutes and client updates

Scope of Work:

- Master Plan for all sports venues
- Infrastructure analysis (power, water, sewer, drainage)
- Vehicular and pedestrian circulation planning
- Design of stadium elements: ramps, dugouts, bleachers, press box, VIP deck, ADA access
- Arrival plaza and signage strategy
- Canopies for stadium, café, and bus stop
- Track & field, football, and soccer field layouts

Note:

This is an ongoing project currently in the final phase of construction. Only publicly available information is presented.



Aerial view (Jan. 2025)



Rendering created while at RE Chisholm Architects using Lumion and Photoshop. Due to contractual confidentiality agreements, only publicly released materials are shown. Full project available on the firm's website

04 OFFICE PROJECT 2

New Church – South Dade County

RE Chisholm Architects – Homestead, FL

Role: Project Manager

Dates (Role): January 2025 – May 2025

Project Duration: 2025 – Ongoing

Project Description:

Led early-phase development of a new 13,000 sq. ft. Catholic church located on an active institutional campus in South Dade County. The new facility is part of a long-term strategic vision for a client-owned site that includes an operational church and private school. The design reflects Catholic liturgical principles while responding to circulation, access, and integration challenges within the existing campus layout.

Responsibilities:

- Managed conceptual design development and spatial programming
- Directed coordination of architectural vision with site conditions and client needs
- Contributed to zoning and entitlement strategy
- Produced schematic-level diagrams and presentation materials for stakeholder review
- Ensured liturgical, functional, and architectural alignment with Catholic identity

Scope of Work:

- Architectural and engineering services for a new church facility
- Master planning and campus integration
- Infrastructure planning and code compliance
- Coordination with existing on-site educational and religious uses

Note:

This is an ongoing project currently in the conceptual design phase. Only publicly available information is presented.



Rendering created while at RE Chisholm Architects using Lumion and Photoshop.
Due to contractual confidentiality agreements, only publicly released materials are shown.
Full project available on the firm's website

