

PORTFOLIO

Kyle Daum

ARCHITECTURE + LANDSCAPE ARCHITECTURE SELECTED WORKS

INFO

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REFERENCES

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Robert Brown
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Kyle Daum

MASTER OF ARCHITECTURE & BACHELOR OF SCIENCE IN LANDSCAPE ARCHITECTURE



I recently completed my Master of Architecture degree at the New Jersey Institute of Technology, where I honed my skills and cultivated my design capabilities. Enclosed within this portfolio are curated selections showcasing my academic journey, spanning from my undergraduate studies in Landscape Architecture at Rutgers University to my recent ventures in architectural design.

My approach to design is deeply rooted in a strong dedication to harmonizing architecture with the natural environment. This intrinsic passion drives me to view each project through dual perspectives, allowing for the seamless integration of built structures within their natural context. By merging architecture with landscape design, I strive to craft holistic and cohesive site designs that resonate with both the built and natural worlds.

WORK EXPERIENCE

MAY 2023

HAUTE ARCHITECTURE DPC

- Summer Internship in New York, NY
- Innovatively tackle diverse design challenges for residential projects both locally and internationally
- Craft visually compelling presentation materials for client meetings, award entries, and marketing initiatives
- Design detailed landscape plans to complement both new and existing residential properties
- Develop urban design ideas to support applications for NY Revitalization grants
- Assist in the creation of technical drawings and landscape specifications

JUNE 2022

IKON.5 ARCHITECTS

- Summer Internship in New York, NY
- Collaborate with architects to produce study models showcasing diverse architectural elements
- Create presentation graphics for a multitude of projects in different design stages
- Create customized marketing visuals to effectively showcase the project
- Assist in the drafting of technical drawings for projects
- Acquire knowledge of sustainable design principles through involvement in diverse project experiences

EDUCATION

2021-2024

NEW JERSEY INSTITUTE OF TECHNOLOGY

MASTER OF ARCHITECTURE

GPA: 3.95

Awarded AIA Medal of Academic Excellence, NJIT School of Architecture Scholarship and Super Jury 2022, 2023, 2024

2018-2021

RUTGERS UNIVERSITY

BACHELOR OF SCIENCE IN LANDSCAPE ARCHITECTURE

GPA: 3.63

Awarded Dean's List in 2019, 2020, and 2021

SKILLS

PHOTOSHOP

RHINO

ENSCAPE

MS OFFICE

INDESIGN

REVIT

TWINMOTION

ARCGIS

ILLUSTRATOR

SKETCHUP

AUTOCAD

HORTICULTURE

PROJECT INFO

LOCATION:

South Point Park
Roosevelt Island
New York, New York
40°45'11.2"N
73°57'29.2"W

PROJECT TYPE:

Library
Urban Design
Parkscape

YEAR:

2024

SITE AREA:

292,000 FT²

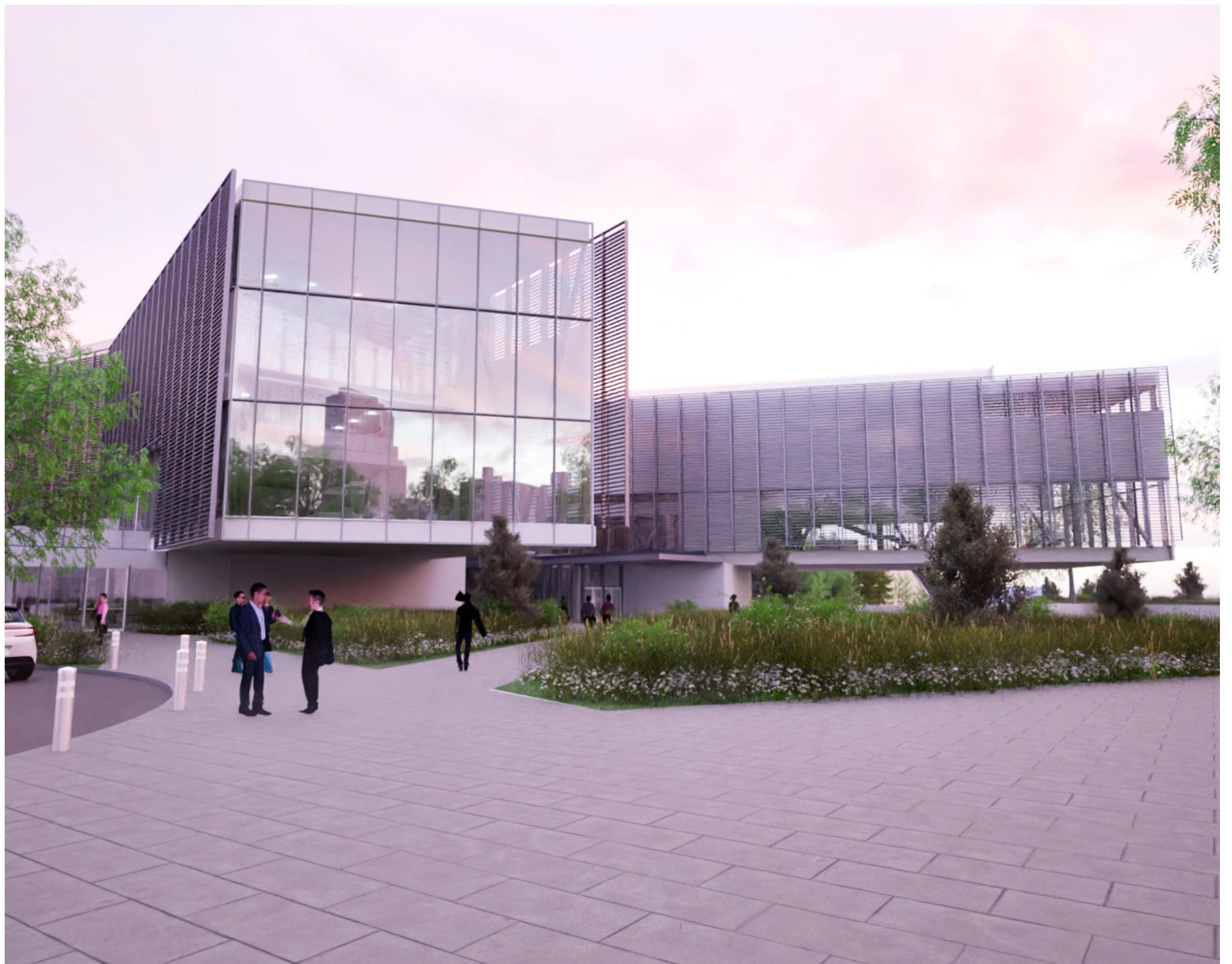
FOUR FREEDOMS FOUNDATION

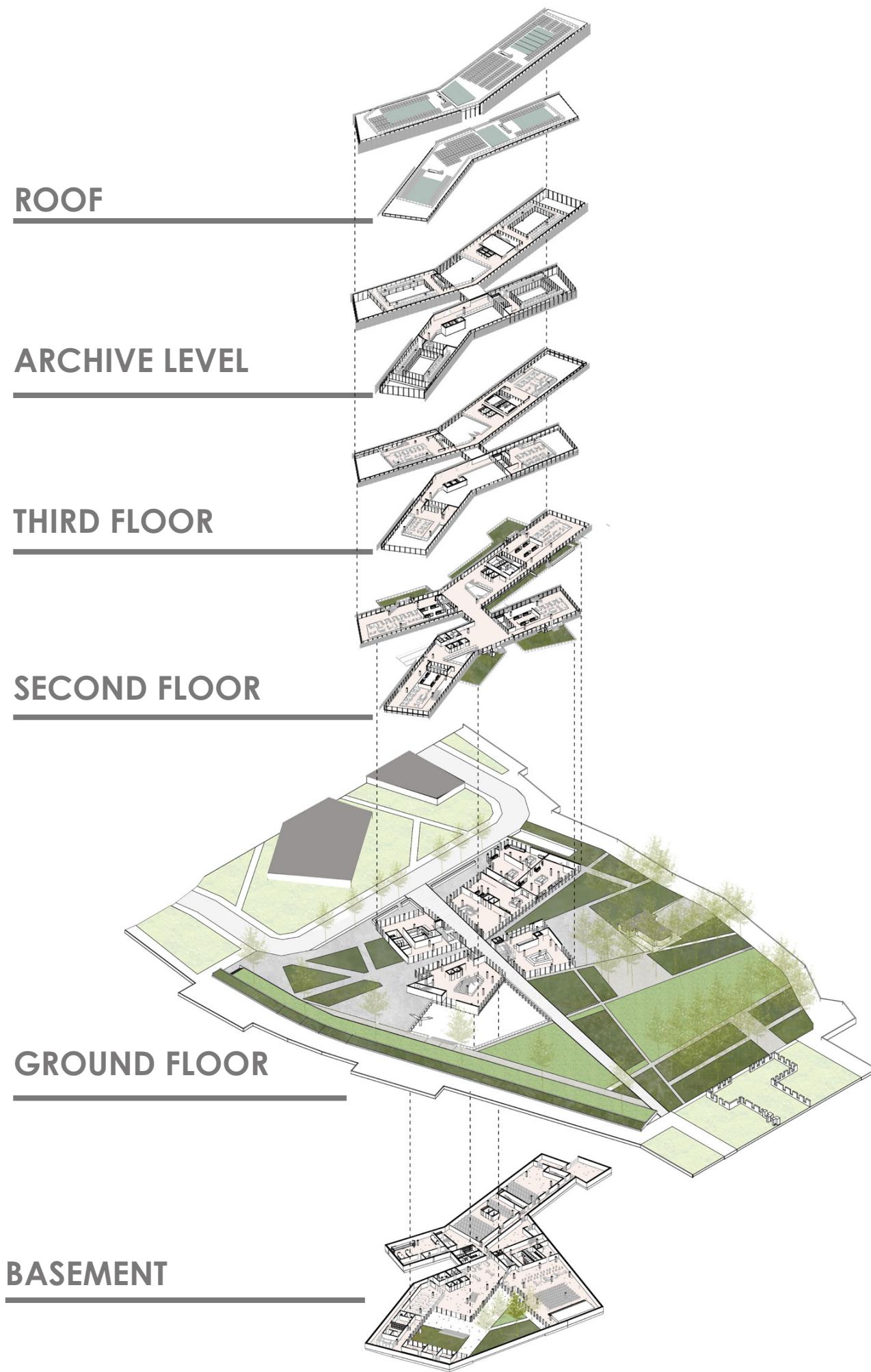


LOCATION PLAN

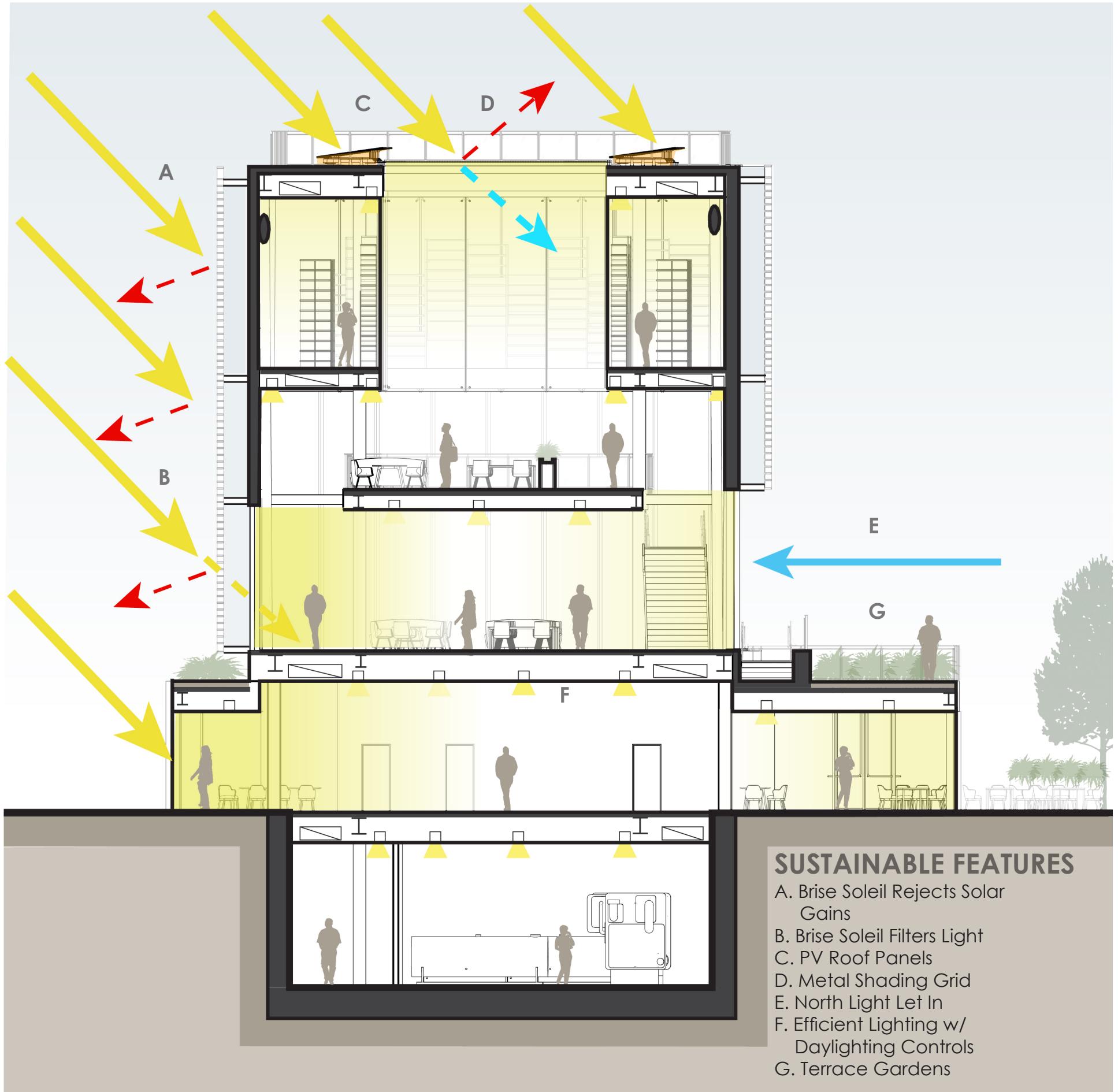
At its core, this project embodies the idea of bridging the urban fabric to the north with the serene landscape memorial to the south, uniting both zones into a cohesive experience. This vision is elegantly realized through the architectural composition of two inflecting bar structures, which define three distinct realms: a vibrant streetfront, a serene landscaped expanse, and a transitional zone in between.

As visitors traverse the threshold of these intersecting structures, they embark on a journey characterized by a deliberate manipulation of perspective. Each vantage point reveals a new view that fosters a dialogue between the built environment and the natural landscape. This orchestrated manipulation of sightlines creates a sense of dynamism and spatial continuity, inviting exploration and contemplation at every juncture.



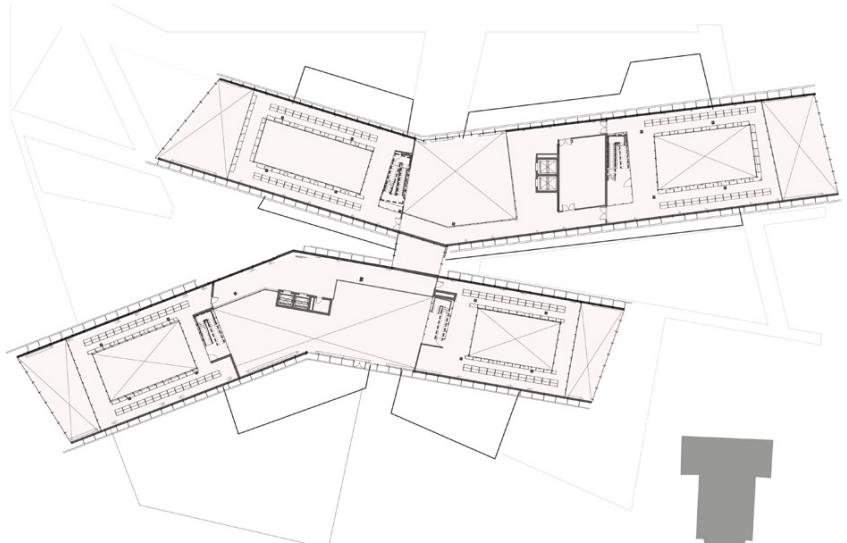








THIRD FLOOR



ARCHIVE LEVEL



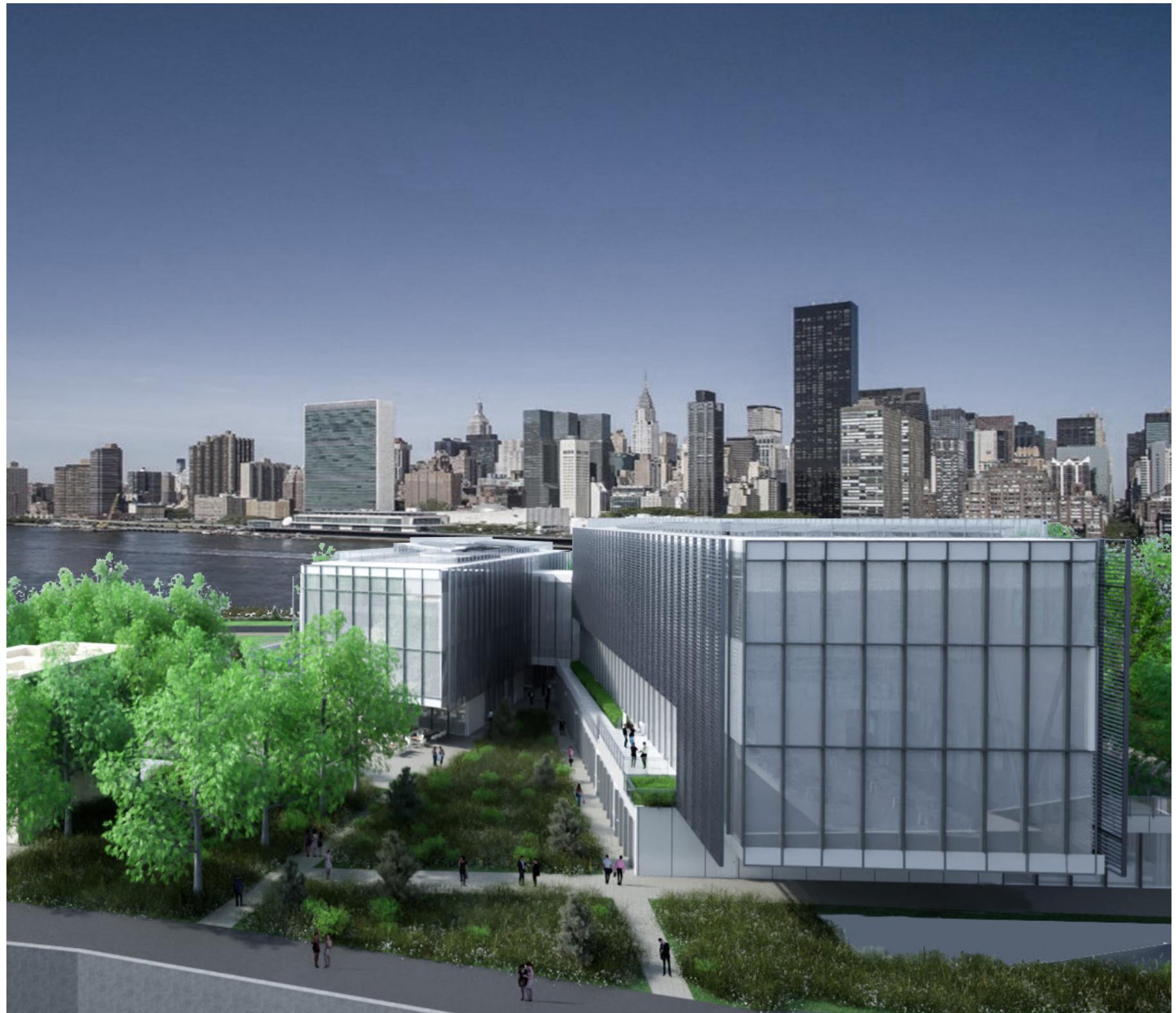
BASEMENT

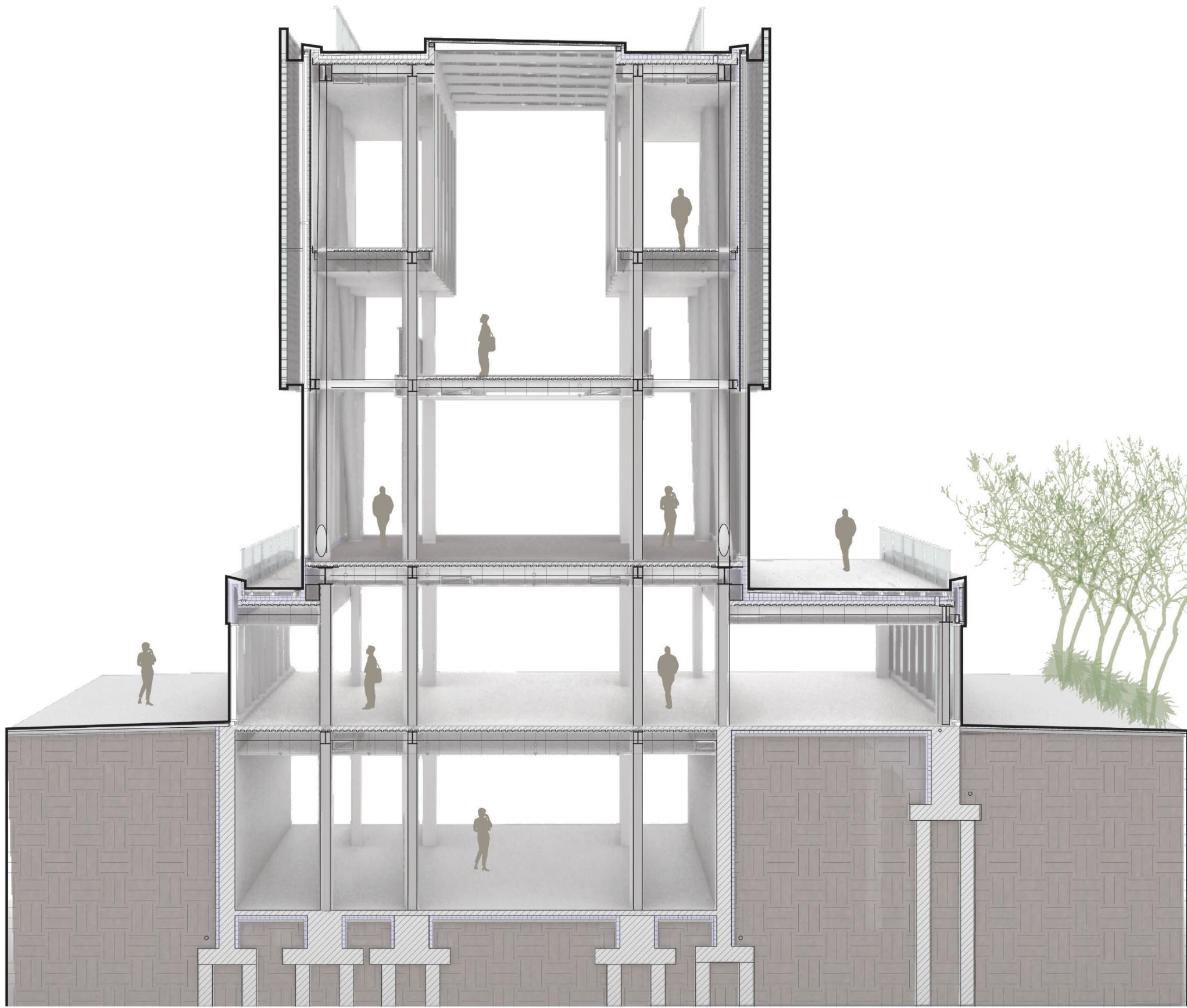


SECOND FLOOR



SECTION AA



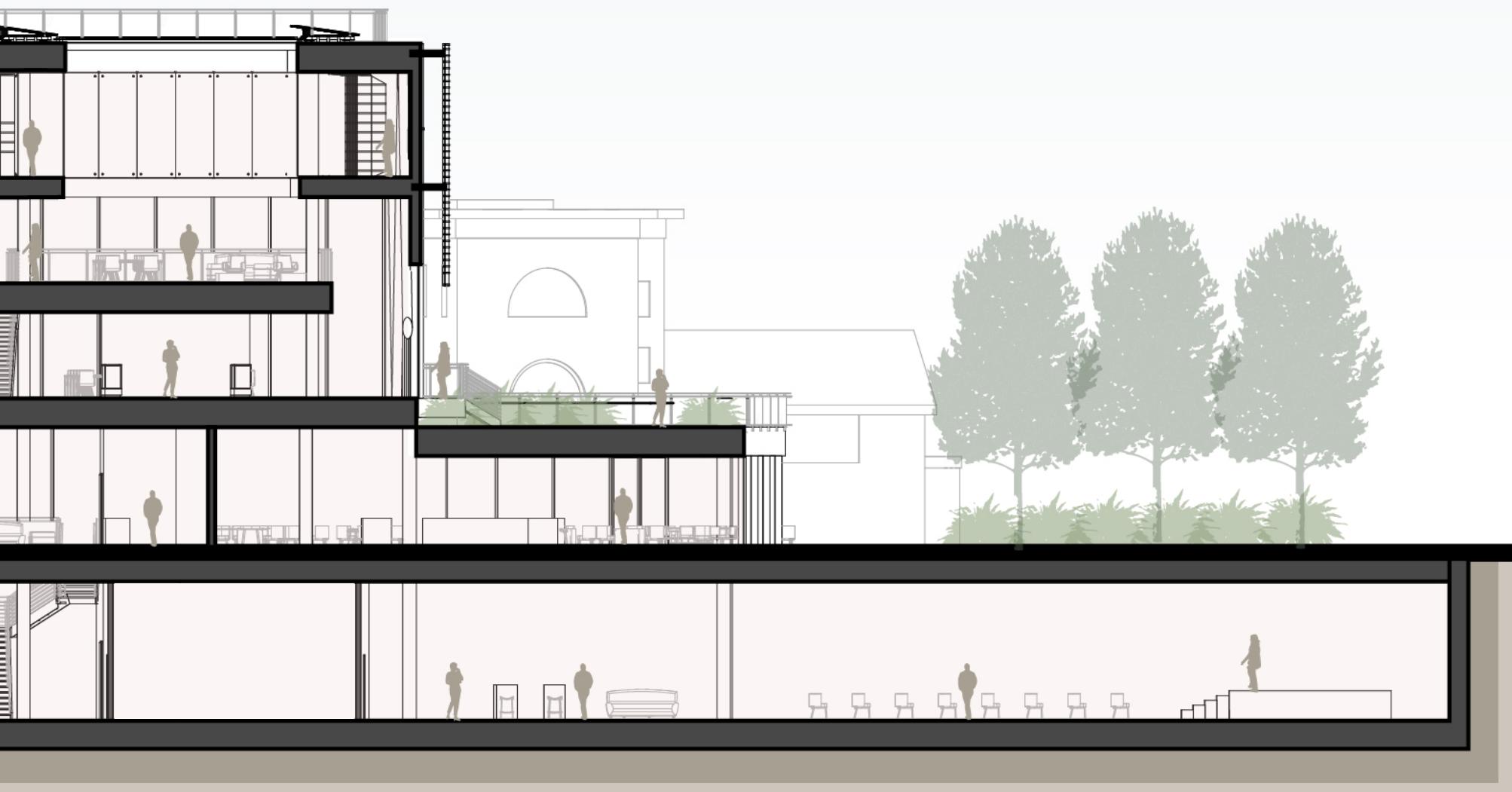


SECTION PERSPECTIVE

project | Four Freedoms Foundation



SECTION BB







PROJECT INFO

LOCATION:

Misericordia
Cannaregio
Venice, Italy
45°26'41.8"N
12°20'08.3"E

PROJECT TYPE:

Museum
Garden Design
Urban Design

YEAR:

2023

SITE AREA:

210,000 FT²

CANALETTO MUSEUM



LOCATION PLAN

The Canaletto Museum serves as a captivating extension of Venice's timelessness, weaving together elements of culture, cuisine, commerce, and community within the serene expanse of the Venetian Lagoon. Embracing the essence of Venice's pedestrian-centric charm, the architectural vision unfolds with a deliberate meandering path, inviting visitors to wander through a variety of pocket piazzas and lush gardens that punctuate the cityscape. This carefully curated journey seamlessly integrates public amenities to the south of Fondamenta, delineating them from the museum spaces nestled to the north.

Internally, the museum unfolds as a harmony of art and architecture, with four distinct galleries celebrating the masterpieces of Canaletto, intricately connected by bridges and filled with natural light filtering through a circulation atrium. Reflecting the rich architectural character of Venice, the facades unite Istrian stone at the base with the stacked limestone above, while the varied placement of windows pays homage to the rhythmic cadence of Venetian canal-side facades. Complementing the architectural narrative, striking corten steel screens diffuse light and define the boundaries of serene garden enclaves, adding an artistic flourish to the museum's immersive experience.





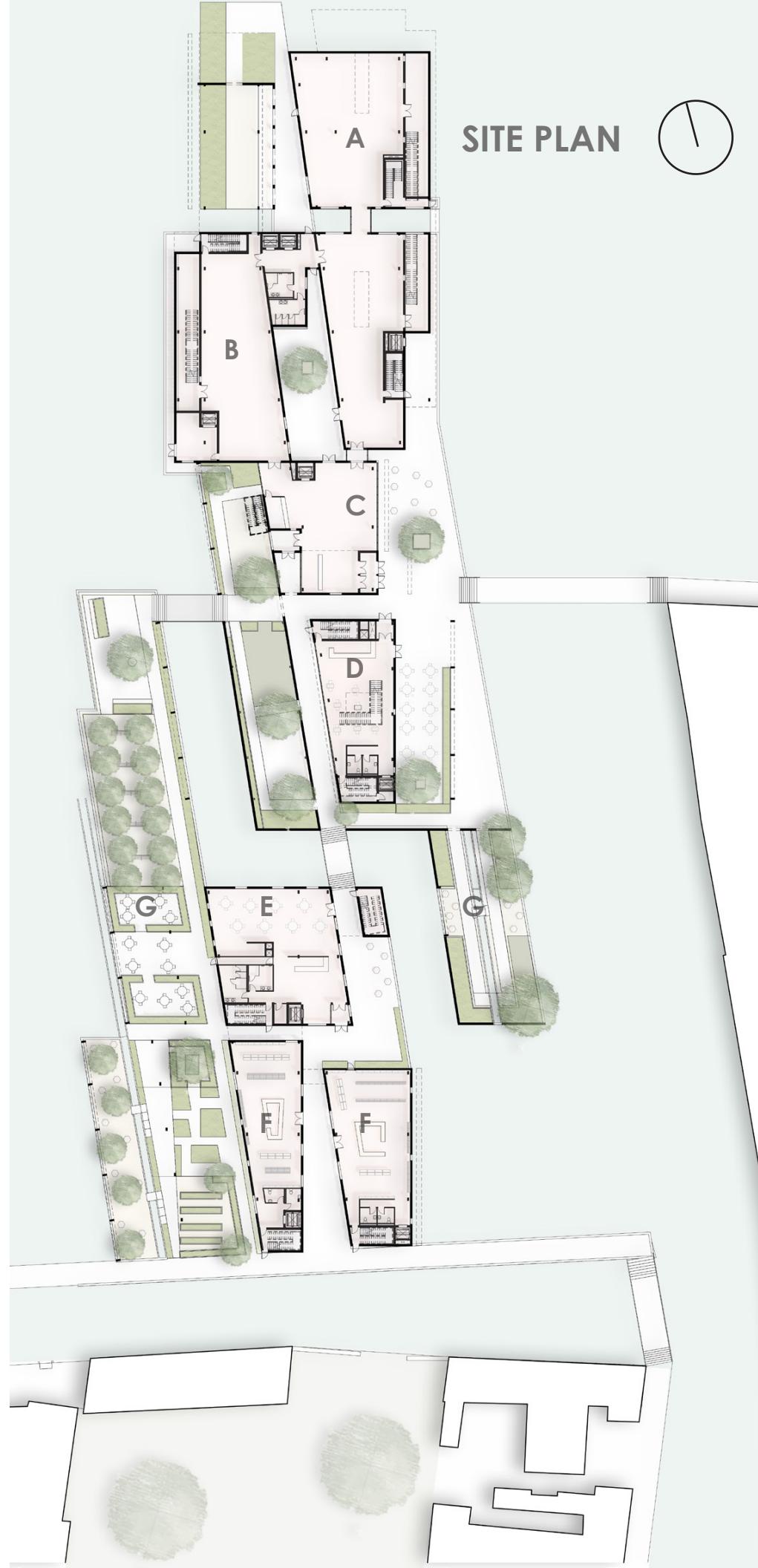
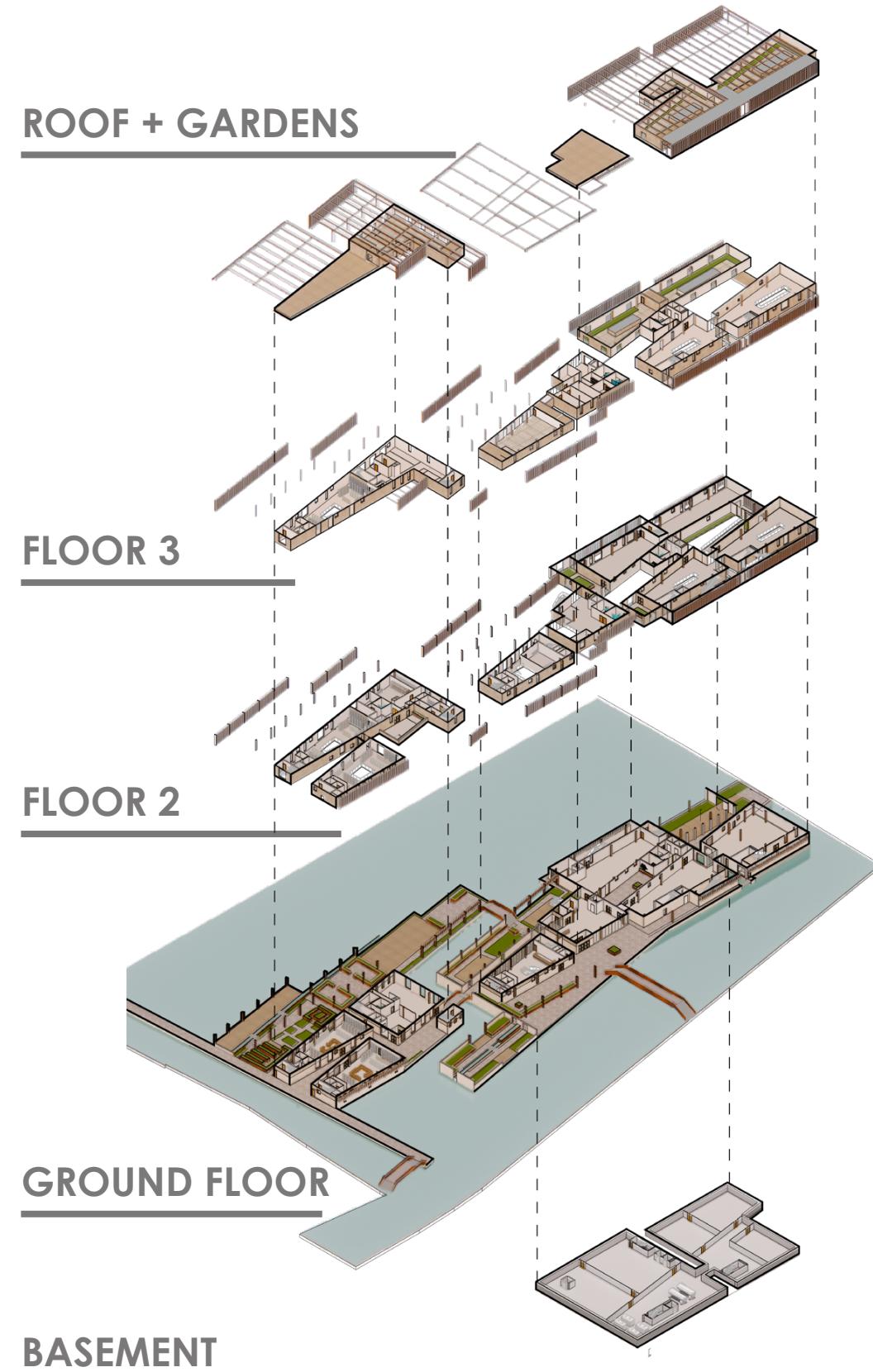




CONTEXTUAL PLAN



- A. GALLERY 1,3,4
- B. GALLERY 2
- C. PORTEGO (LOBBY)
- D. TRATTORIA
- E. RISTORANTE
- F. SHOPS
- G. PUBLIC GARDENS

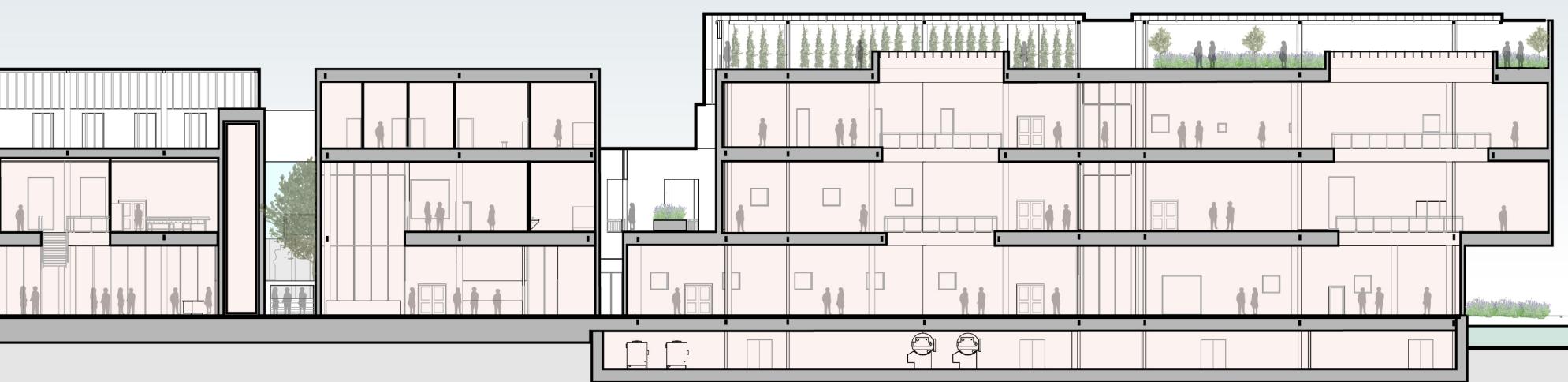




EAST ELEVATION



SECTION CC











PROJECT INFO

LOCATION:

Military Park
Downtown
Newark, New Jersey
40°44'29.6"N
74°10'10.7"W

PROJECT TYPE:

Museum
Urban Design

YEAR:

2023

SITE AREA:

9500 FT²

JAZZ LINK MUSEUM



LOCATION PLAN

The Jazz Link Museum embraces adaptive reuse, repurposing a distinguished steel frame structure from the early 20th century while preserving a minimum of 50% of its original structure. The design concept is characterized by the juxtaposition of a bar form along the southern expanse and a tower anchoring the northeastern corner of the site.

Augmenting this architectural narrative is the creation of a serene courtyard enclave along the northern party wall, conceived to serve as an extension of the lobby and to allow the exhibition spaces to fill with diffused daylight.

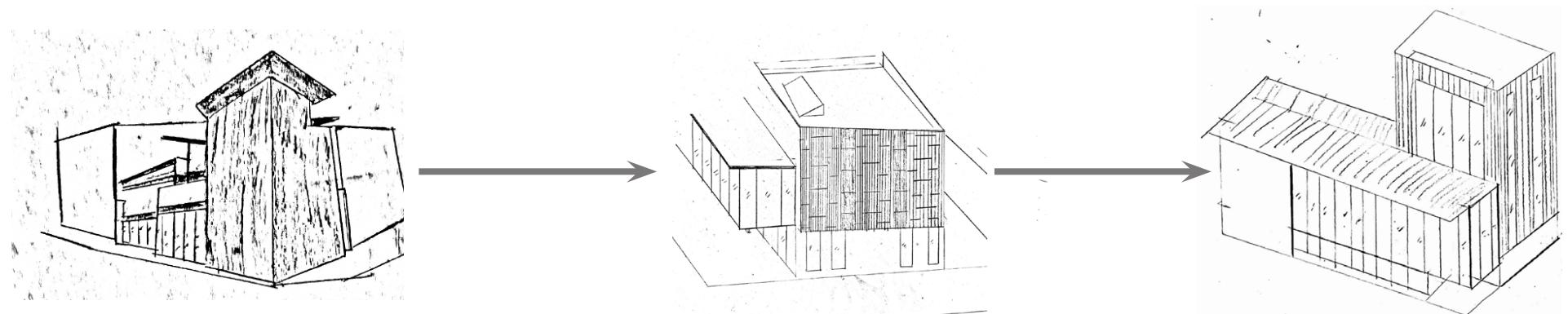
Guided by an intuitive spatial sequence, the design fosters a seamless circulation experience, inviting visitors to traverse each floor horizontally, thereby fostering a cohesive journey through the museum's offerings.

Functionally, the ground level hosts a plethora of public amenities, fostering community engagement, while the upper levels are dedicated to the museum's exhibition functions.

Crowning the structure is a sprawling rooftop terrace, serving as the finish of the museum experience and providing a unique venue for cultural events.



PRELIMINARY SKETCHES



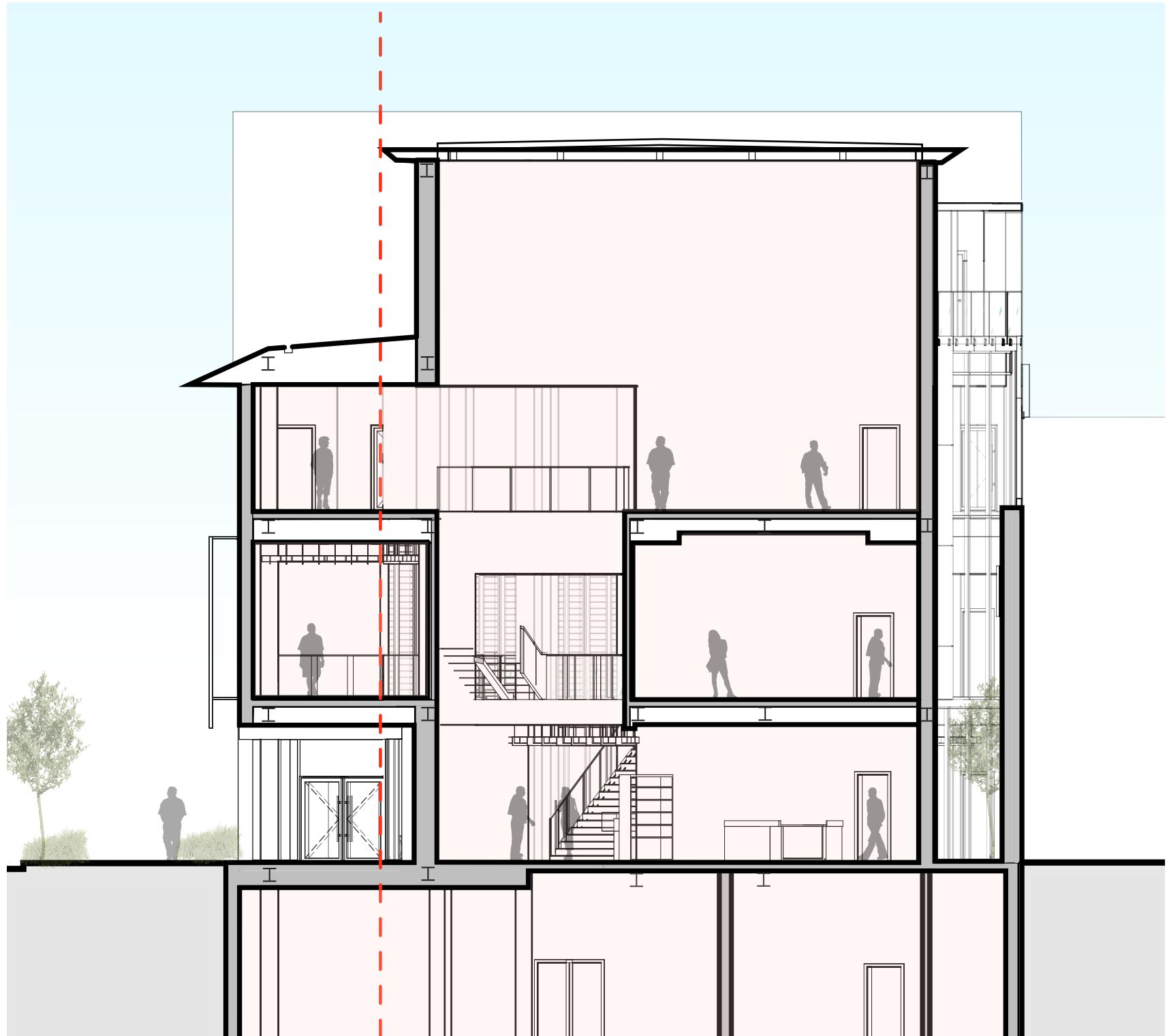
SITE PLAN

A. ENTRY VESTIBULE
E. BOOKSTORE

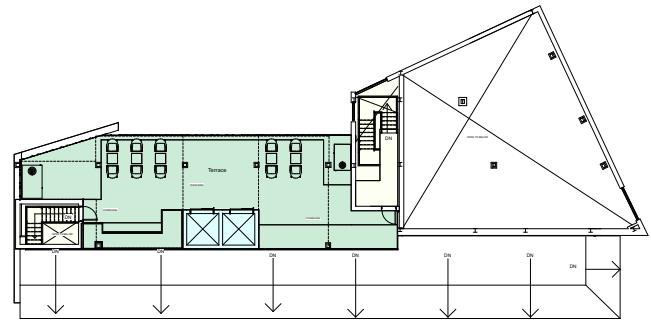
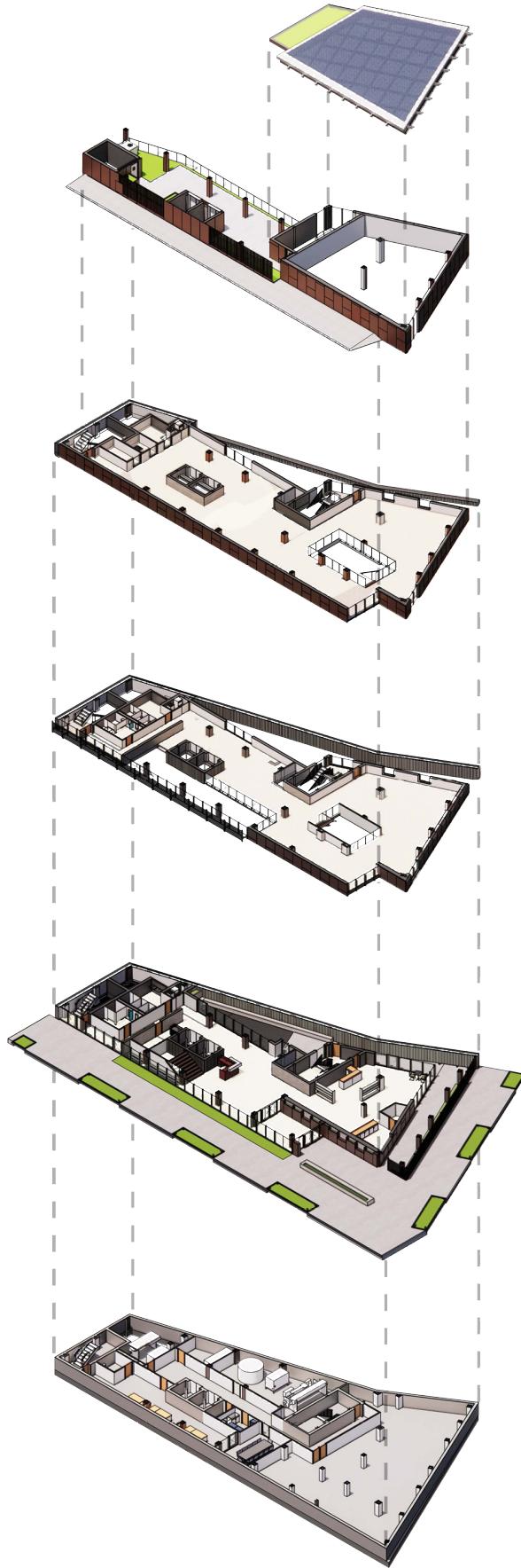
B. RECEPTION
F. CAFE

C. OUTDOOR COURTYARD
G. OUTDOOR CAFE SEATING

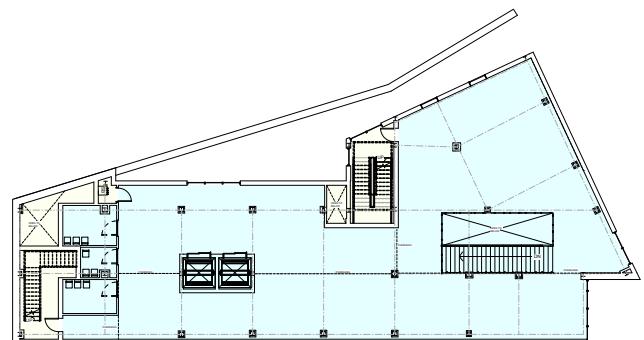
D. LOBBY



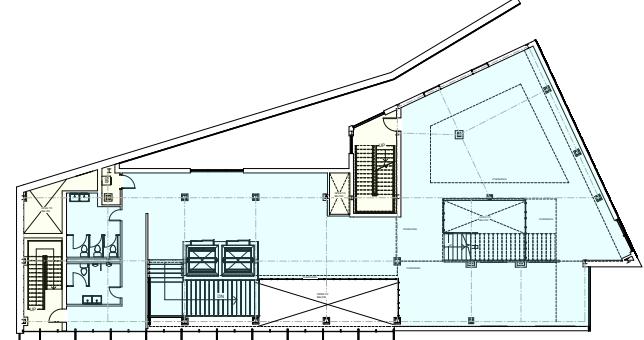
SECTION DD



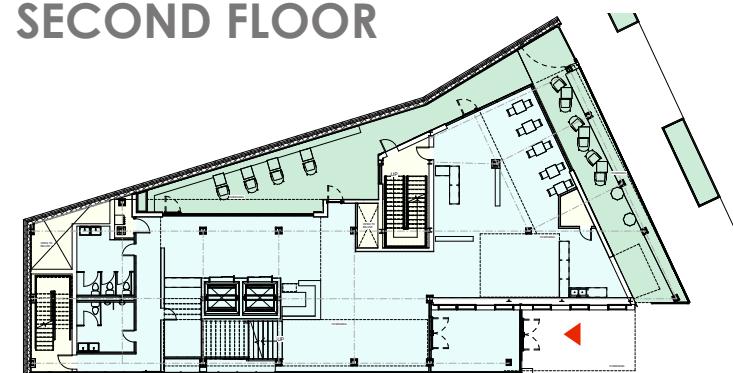
ROOF



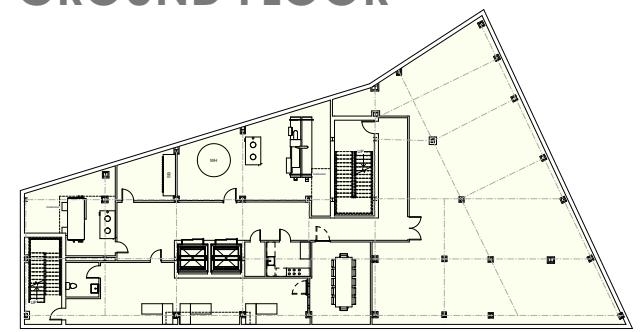
THIRD FLOOR



SECOND FLOOR



GROUND FLOOR

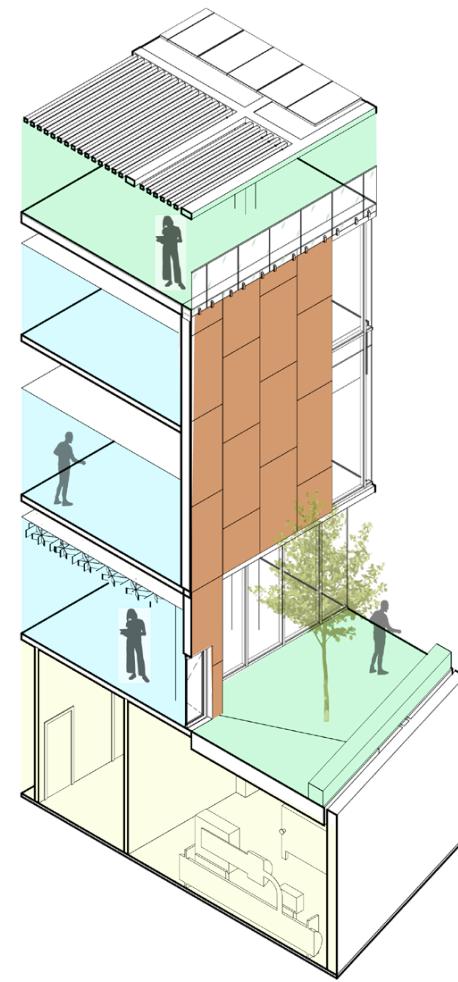


BASEMENT

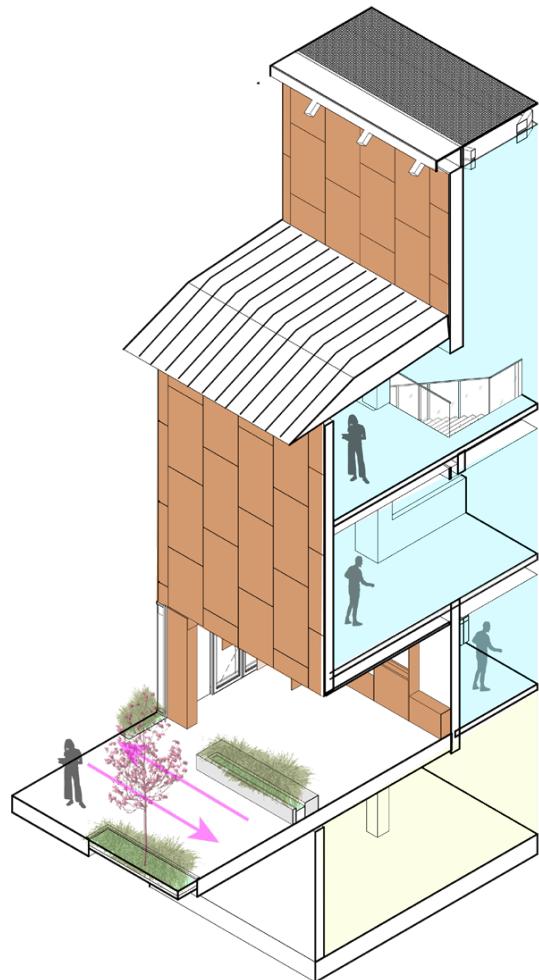




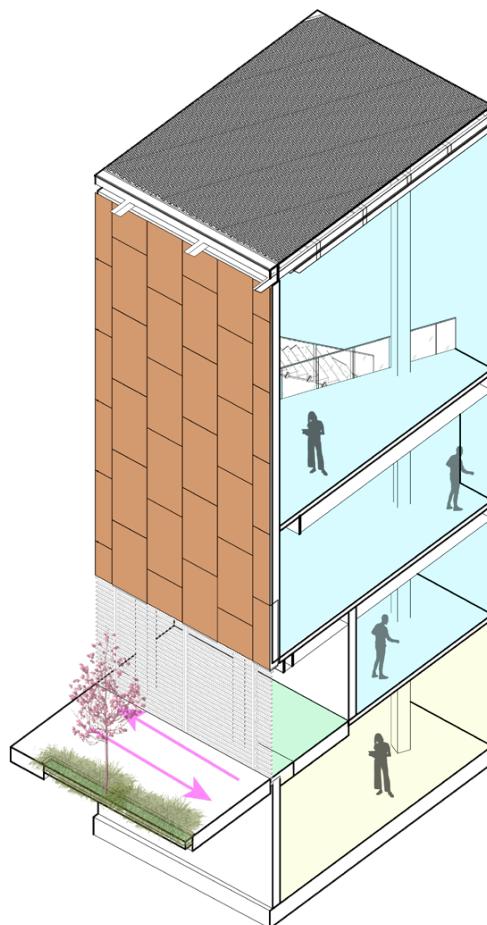
STREETFRONT CONDITION



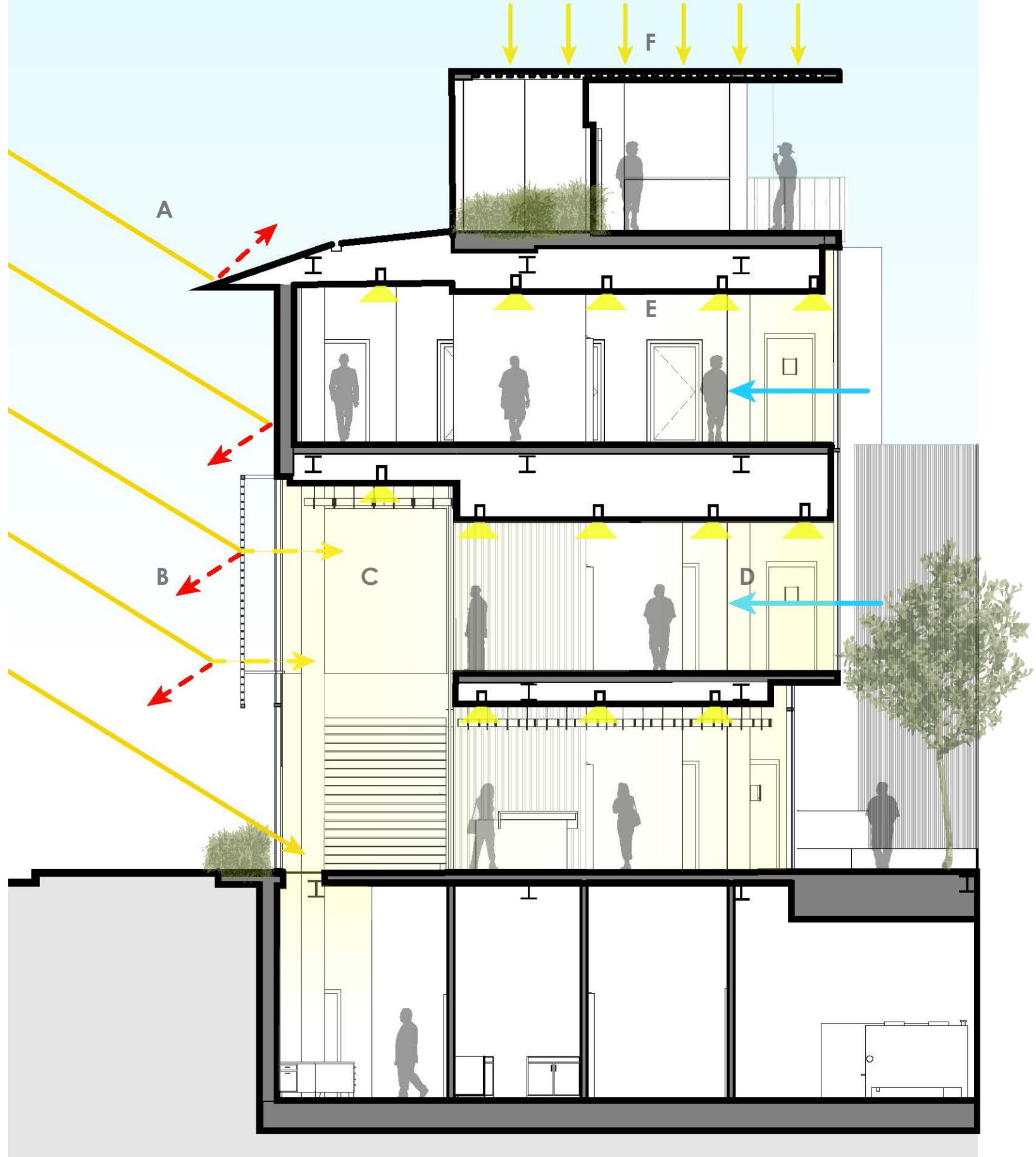
COURTYARD CONDITION



ENTRY CONDITION



TOWER CONDITION



SUSTAINABLE FEATURES

A. REFLECTIVE ROOF B. BRISE SOLEIL FILTERS LIGHT C. DAYLIGHT INTO LOBBY D. DIFFUSED NORTH LIGHT
E. LIGHTING WITH DAYLIGHT CONTROLS F. PHOTOVOLTAIC PANELS





PROJECT INFO

LOCATION:

Rutgers Day School
Busch Campus
Piscataway, New Jersey
40°31'32.6"N
74°28'14.1"W

PROJECT TYPE:

Educational
Planting Design

YEAR:

2020

AREA:

3400 FT²

RUTGERS THERAPY COURTYARD

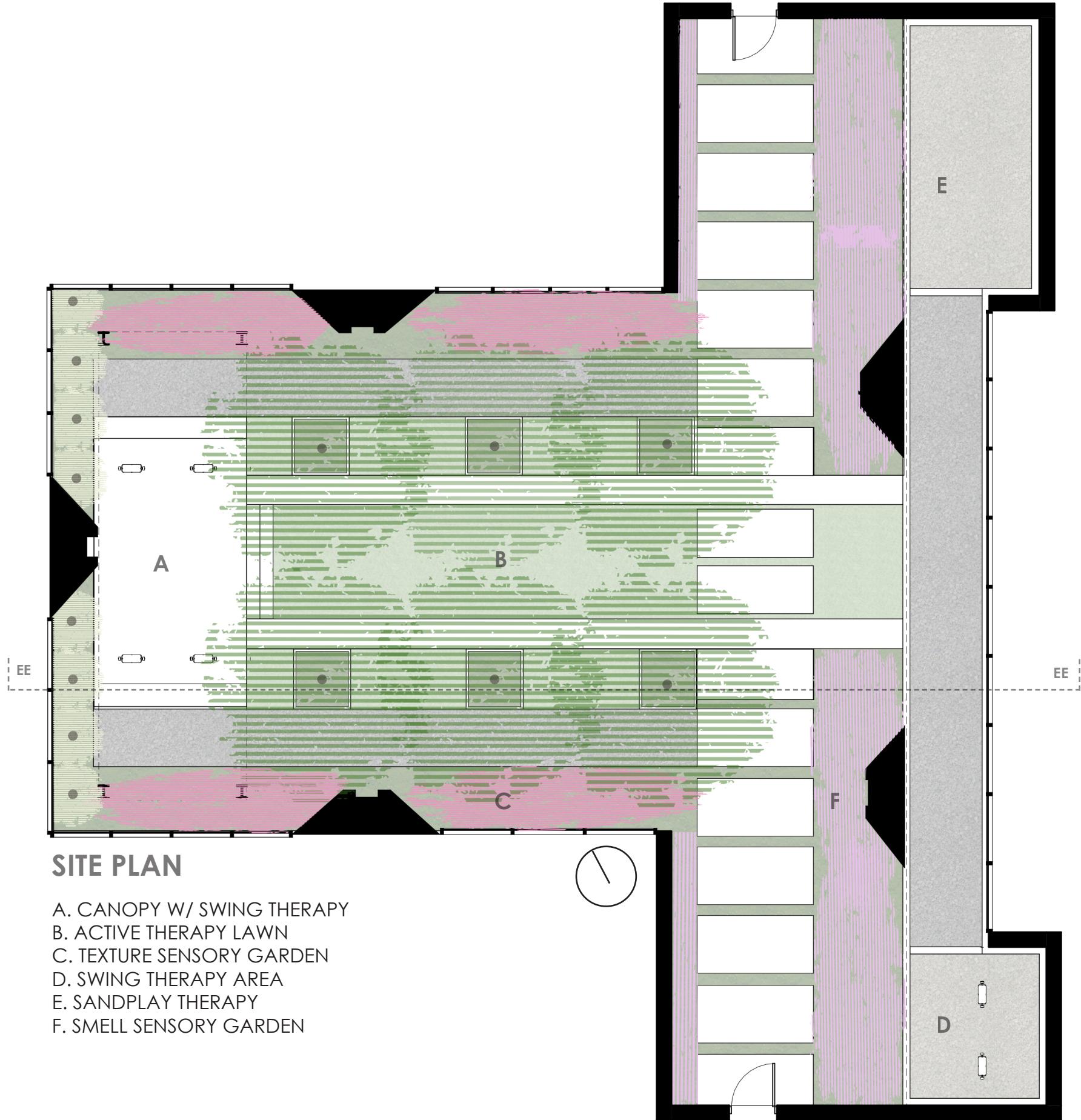


LOCATION PLAN

The Rutgers Day School is a nurturing environment catering to approximately 100 students spanning a spectrum of developmental disabilities, often requiring soothing interventions to manage sensory overload. The architectural layout of the courtyard is thoughtfully divided into passive and active therapeutic activities.

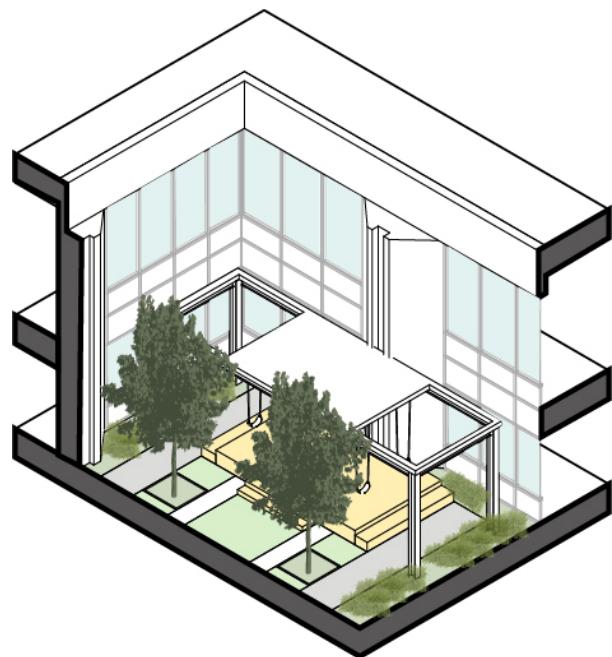
To the west of the central artery, a progression of sensible layers unfolds, each offering a calming sensation. The outermost layer consists of a sensory garden, stimulating smell, touch, and visual senses, while towards the center, a stretch of lawn lined with a canopy of trees sets the stage for recreational and educational activities. Along the courtyard's eastern edge, the school's sheltered overhang provides a variety of therapeutic activities such as sandplay and swing therapy, ensuring holistic support for the diverse needs of the students.



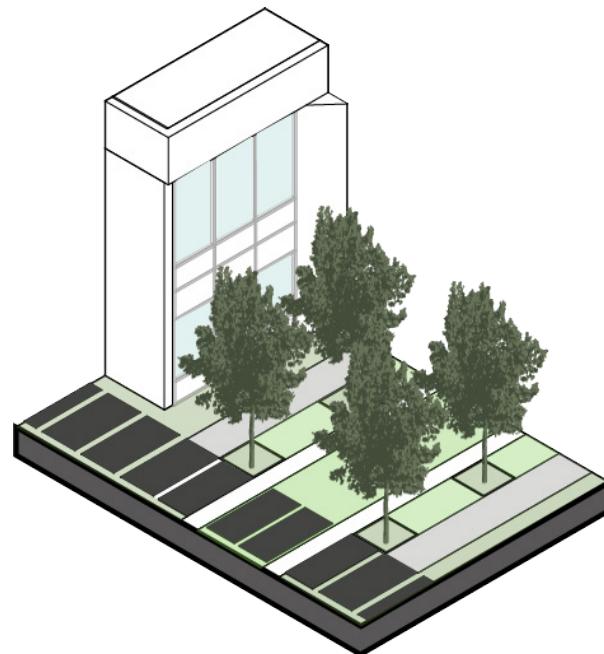


SITE PLAN

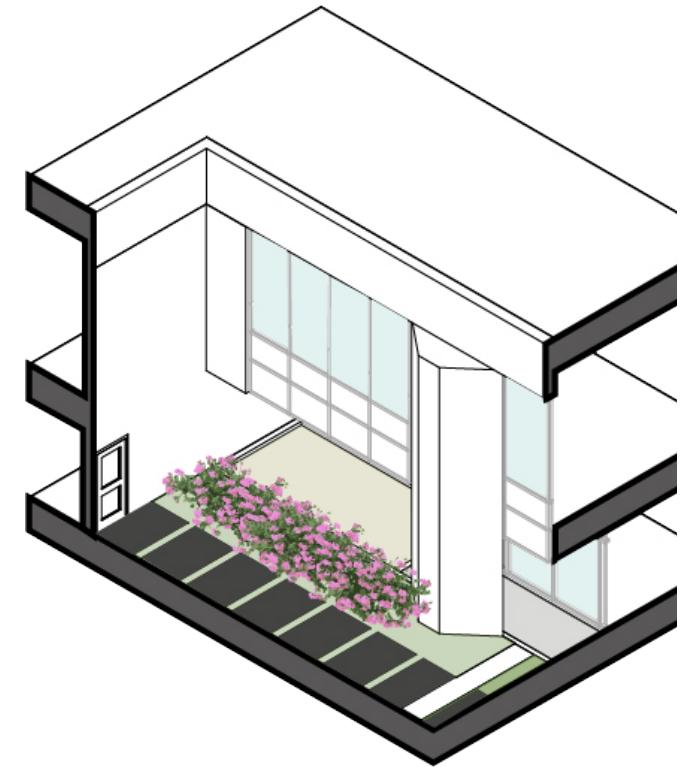
- A. CANOPY W/ SWING THERAPY
- B. ACTIVE THERAPY LAWN
- C. TEXTURE SENSORY GARDEN
- D. SWING THERAPY AREA
- E. SANDPLAY THERAPY
- F. SMELL SENSORY GARDEN



CANOPY CONDITION



LAWN CONDITION

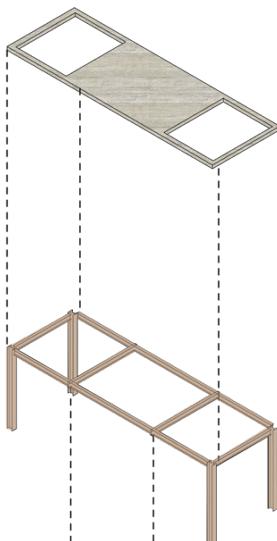


OVERHANG CONDITION



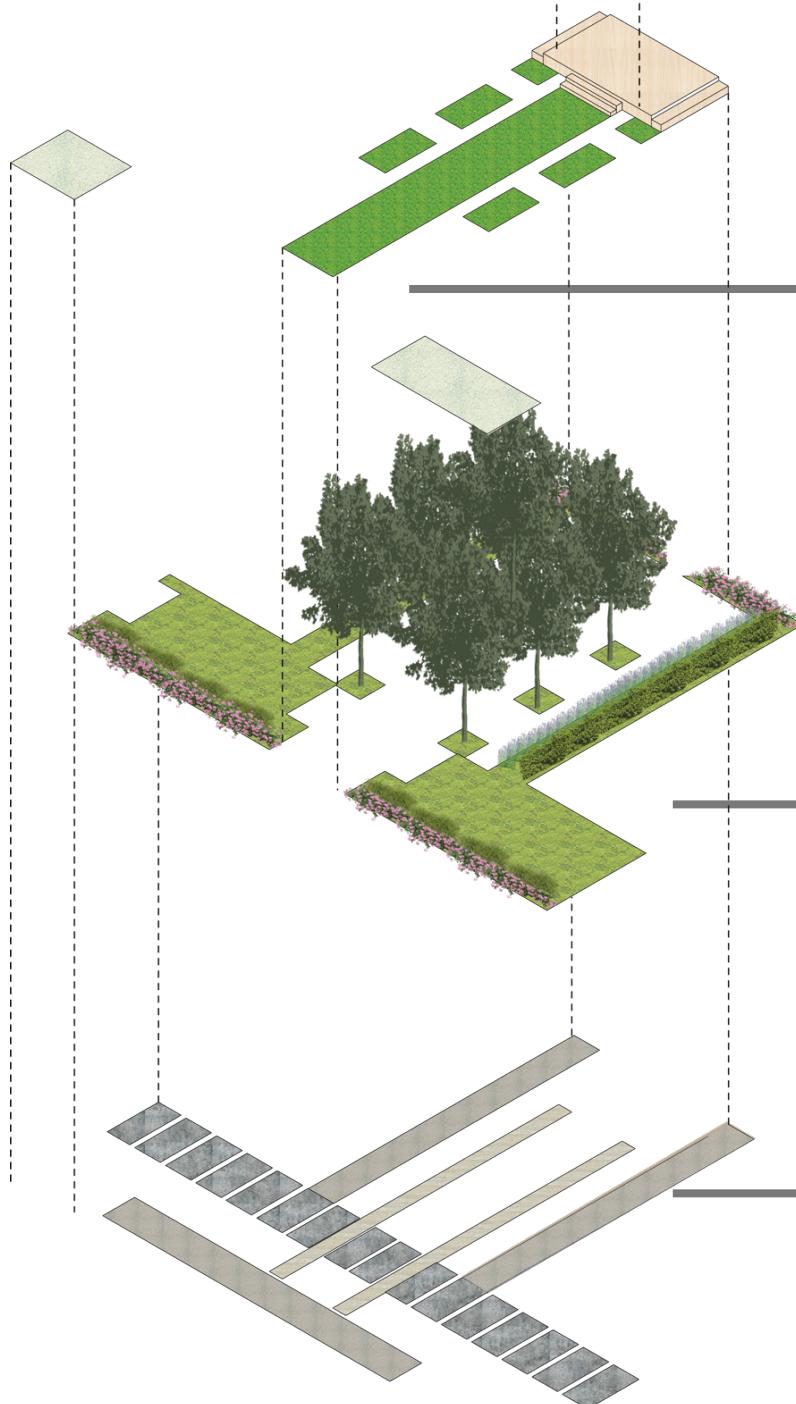
SECTION EE

project | Rutgers Therapy Courtyard



CANOPY

STEEL FRAME STRUCTURE WITH CONCRETE ROOF



THERAPY SPACES

ACTIVE THERAPY LAWN, SWING THERAPY, SANDPLAY THERAPY, SENSORY THERAPY

PLANTINGS

HONEY LOCUST TREES, LIMELIGHT HYDRANGEA, LIRIOPE, LAVENDER, LAMB'S EAR, ANEMONE

PATHWAYS

CONSISTS OF BLUESTONE PAVERS, CONCRETE PAVERS, AND GRAVEL PATHWAYS

