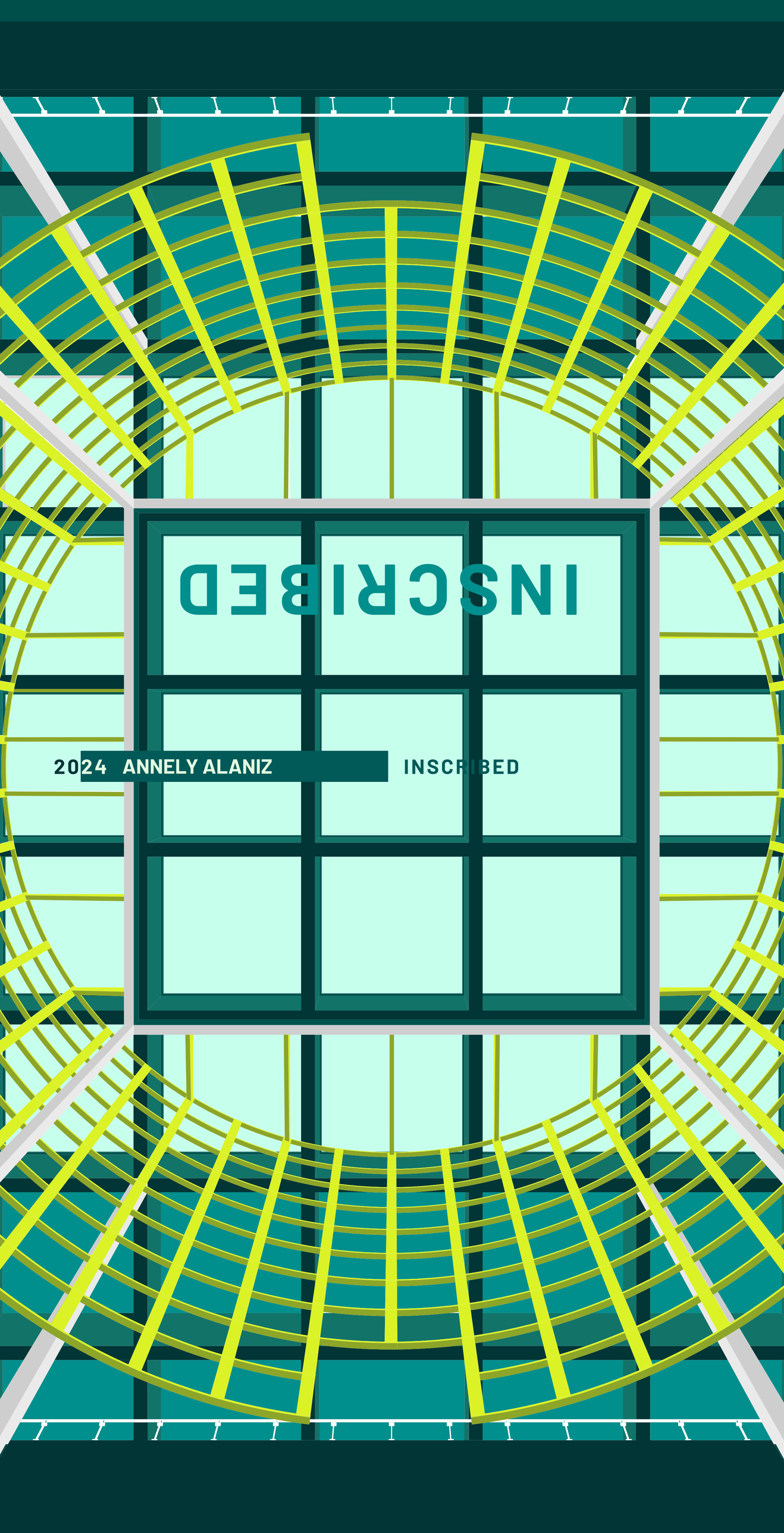


2024 ANNELY ALANIZ

INSCRIBED

INSCRIBED

MARCEL ERMINY

chair

GABRIELA CAMPAGNOL

committee

FELICE HOUSE

committee

BRIAN GIBBS

studio professor

A special thanks to my parents and my grandmother who have always been there for me and my educational endevours. From driving across town to drive me to soccer practice to watching me walk down the stage to recieve my Masters in Architecture... Thank you.

Gracias por siempre apoyarme en todo. Esto lo logre gracias a ustedes.

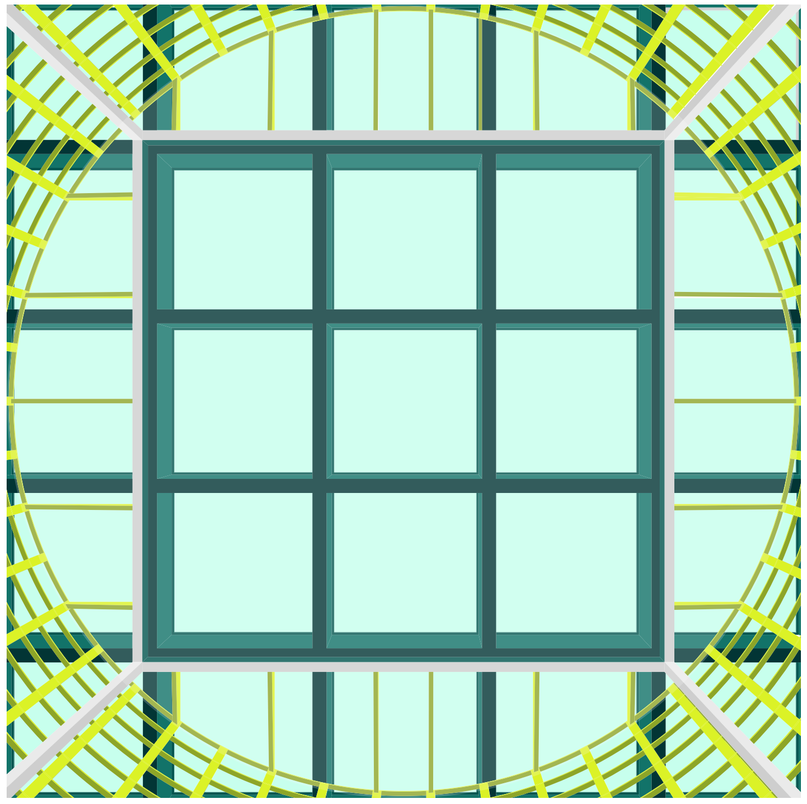
A special shout out to Professor Ray Holliday and Dean Shelley Holliday for believing in me since day one. Couldn't have done it without you.

ANNELY ALANIZ

2024

“Architecture is a form of art, and buildings speak for themselves.”

- I.M. Pei



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INSPIRATION

GOAL

This museum is a place where the design industry, educational institutions, and the public come together to change the way people think about design and the future of design whilst learning about the past.

ARCHITECTURAL QUESTION

How can we influence a user's experience using architecture?

MUSEOLOGIA

Museology delves into the roles that museums play in society, their impact on education and culture, the ethical considerations involved in preserving and displaying artifacts, and the ways in which museums engage with diverse audiences.

MUSEOGRAFIA

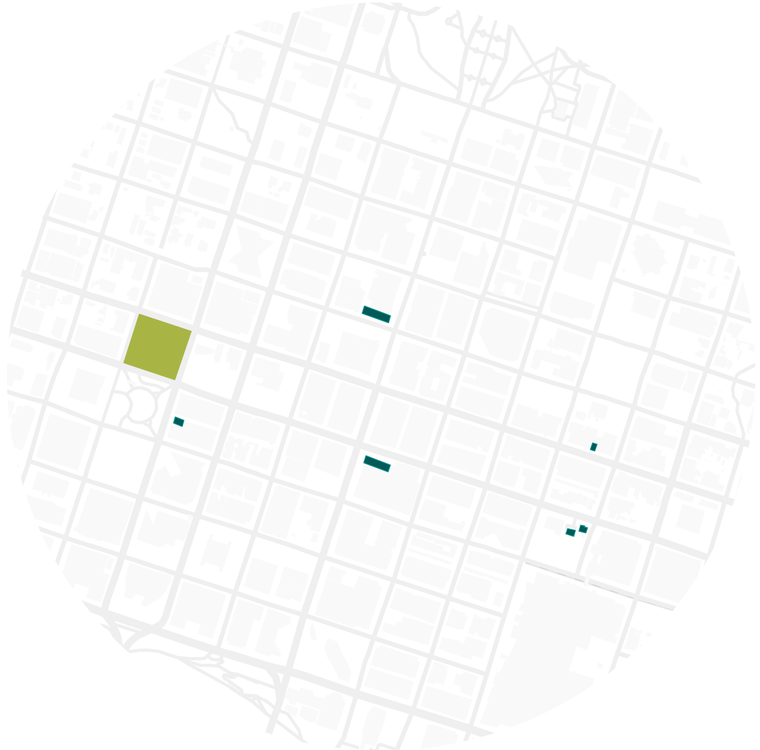
Museografia refers to methods of classification and artifact displays for museums. Museography refers specifically to the techniques and practices that have to do with the operation and upkeep of a museum.

ABSTRACT

Museologia delves into the roles that museums play in society, their impact on education and culture, the ethical considerations involved in preserving and displaying artifacts, and the ways in which museums engage with diverse audiences. This project further explores this concept and aims to capture the essence of museology in the architectural design. Beliefs about architecture form the foundation for designing spaces that serve functional purposes while also evoking emotions, allow for reflecting cultural values, and contributing to the built environment. This project is located in downtown Austin, Texas and is across the street from Republic Square park one of the four parks located in downtown Austin. This design museum acts as an extension of the Republic Square park serving its community and giving back. This design museum is also one of seven as there are currently six museums in downtown Austin and are all within 0.3 mile radius of the site.

SITE

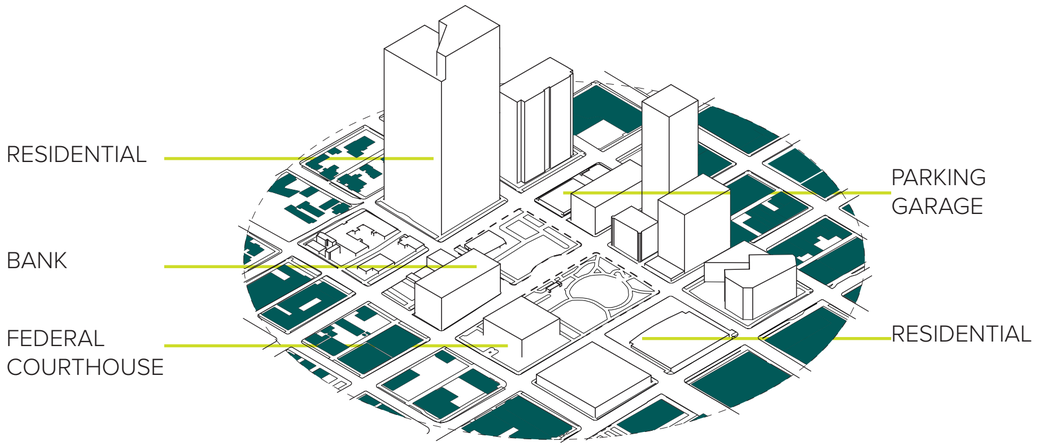
PARKS

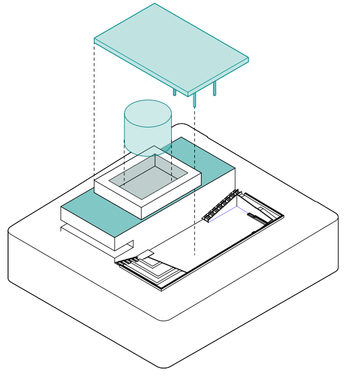


MUSEUMS

SITE ANALYSIS
SITE
PARKS
MUSEUMS
PEDESTRIAN PATH
0.3 MI RADIUS

SITE





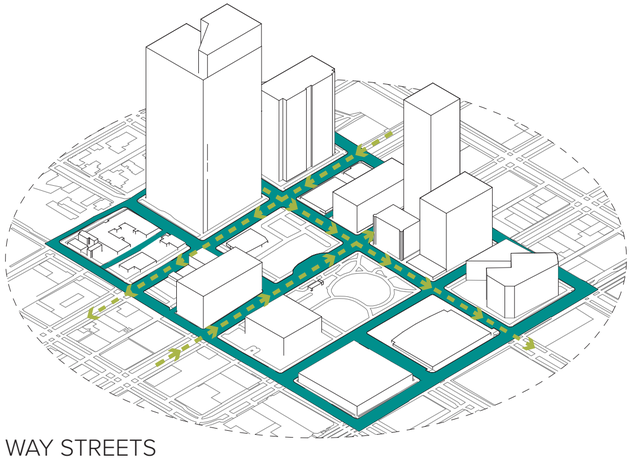
601-647 SAN ANTONIO ST,
AUSTIN, TX 78701

COMMUNITY

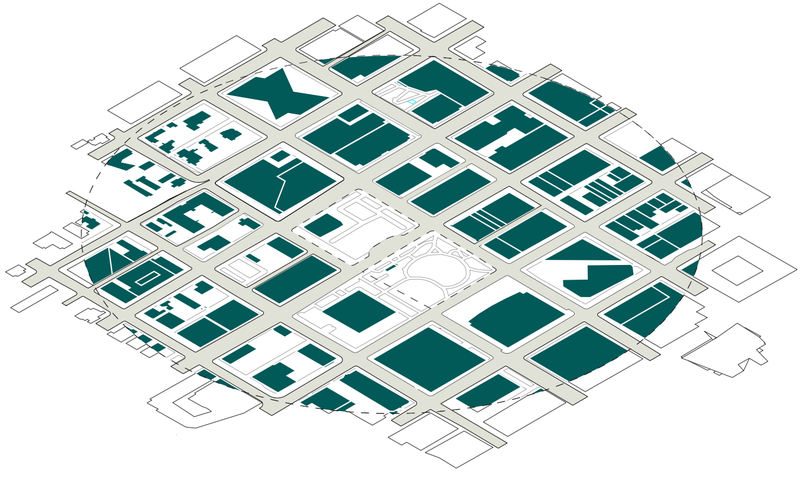
Understanding the museum's connection to the design community and the public was key. This design museum aims to encourage community engagement through events, workshops, and collaborative areas. Adaptable layouts are important for diverse design exhibits, both permanent and temporary. Collaboration with exhibition designers ensures a seamless fusion of architecture and exhibits, enhancing the visitor experience. Interactive spaces, like the workshop classroom and coffee shop, are crucial for hands-on engagement. This project facilitates these experiences while complementing the exhibits. A harmonious blend between architectural and exhibit design amplifies the museum's impact on visitors and the broader design community. The location of this site was specifically chosen because of its surrounding context. The site is nestled between a couple residential towers, a parking garage, a bank, and the federal courthouse. The Design Museum is involved in the weekly markets and yoga lessons at Republic Square Park on Saturdays, with a goal of contributing to the community.

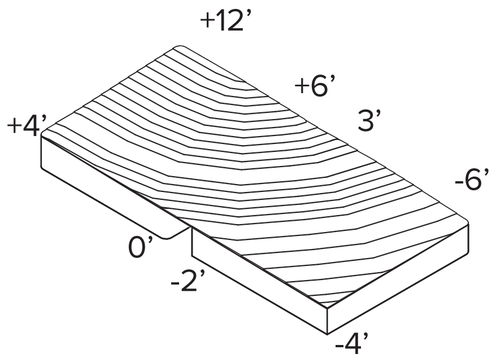
SITE

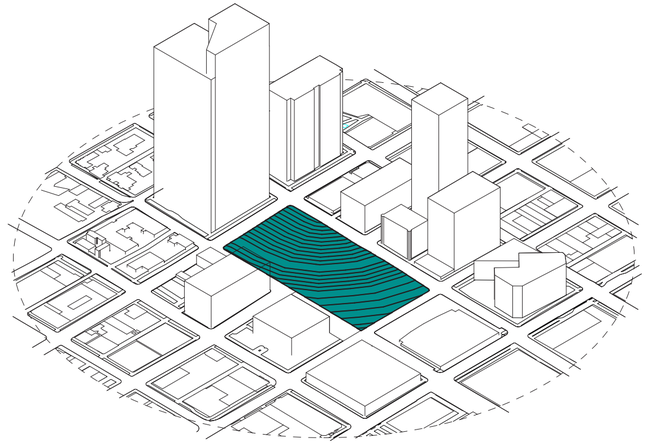
This site is located across the street from one of the few remaining parks located in downtown Austin, Texas. Edwin Waller's original plan for Austin featured a grid layout centered around Capitol Square, with four additional smaller squares designated as public spaces: Brush, Hamilton (now First Baptist Church), Bell (now Wooldridge), and Hemphill (now Republic). Initially, Austin's leaders didn't place much emphasis on parks and public areas. While the city's original plan allocated land for these purposes, it soon repurposed these spaces for storage, garbage dumps, or other municipal needs. Republic Square, for example, served as a parking lot between 1950 and the early 1970s. Efforts to restore Republic Square to its original function began in 1976 during the U.S. Bicentennial celebration. The city chose the name Republic Square to honor the Republic of Texas. A collaboration between the Downtown Austin Alliance, the Austin Parks Foundation, and the City of Austin Parks and Recreation Department led to the park's renovation and its re establishment as a vital community space in downtown Austin.



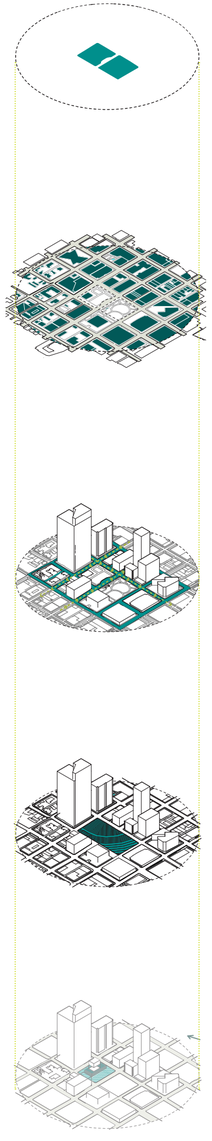
ONE WAY STREETS

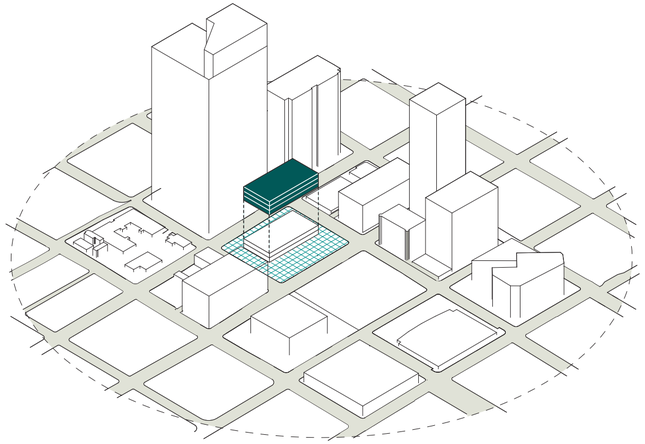


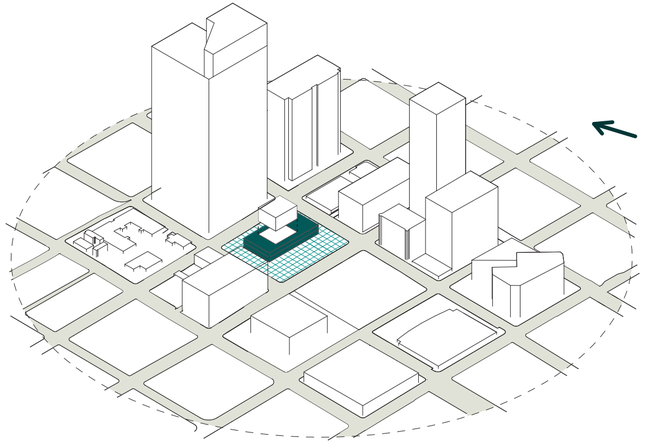




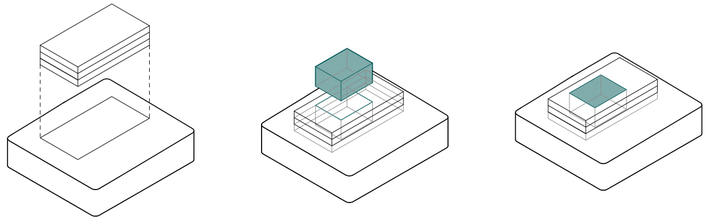
The sites highest point of elevation is +12’

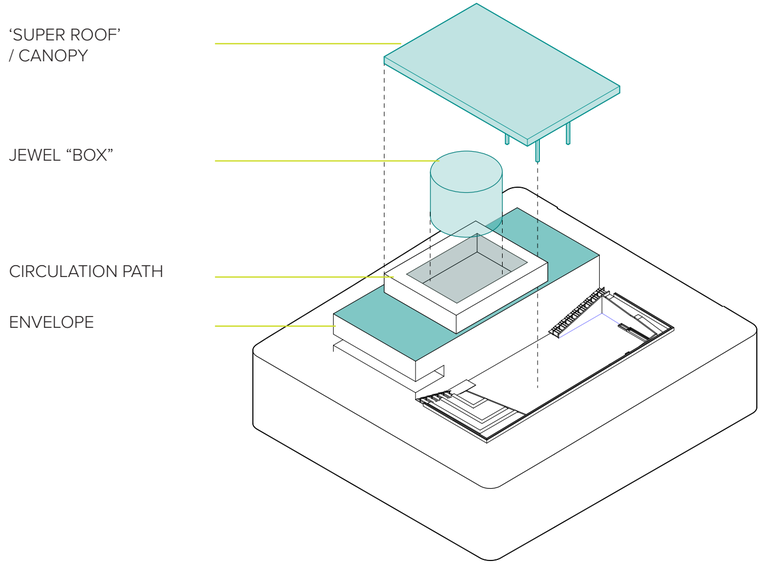




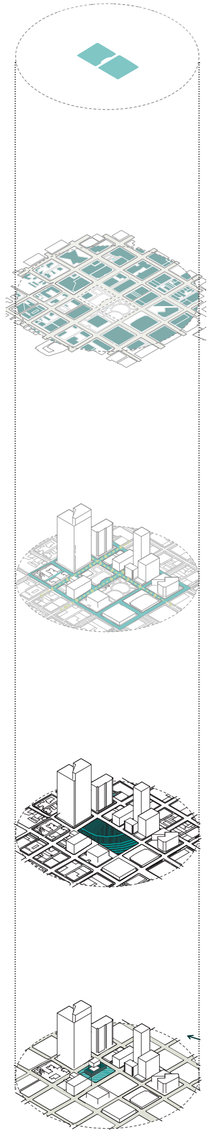


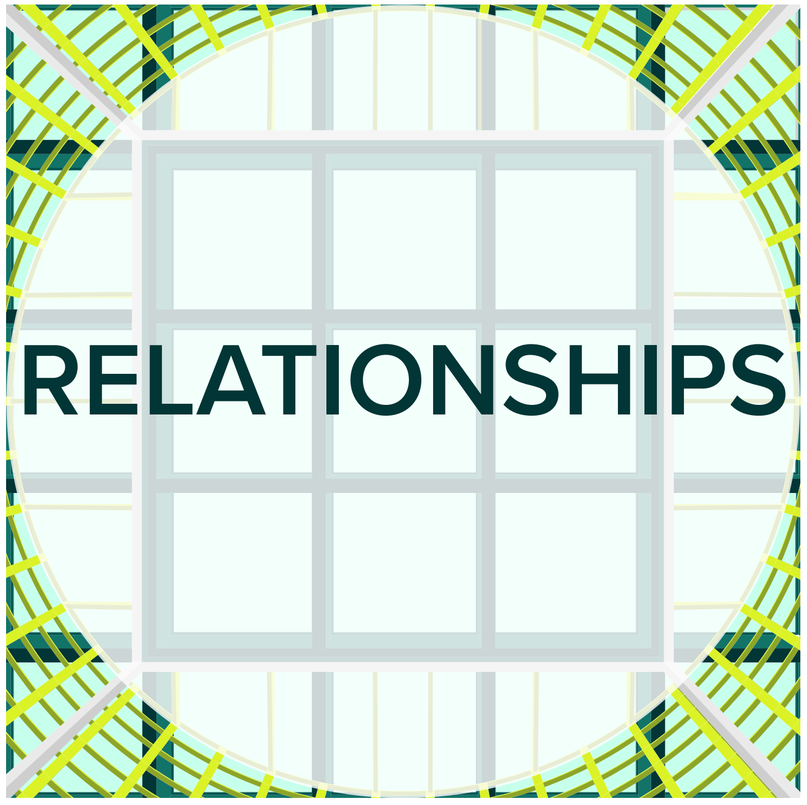
CONCEPT: NESTED VOLUMES

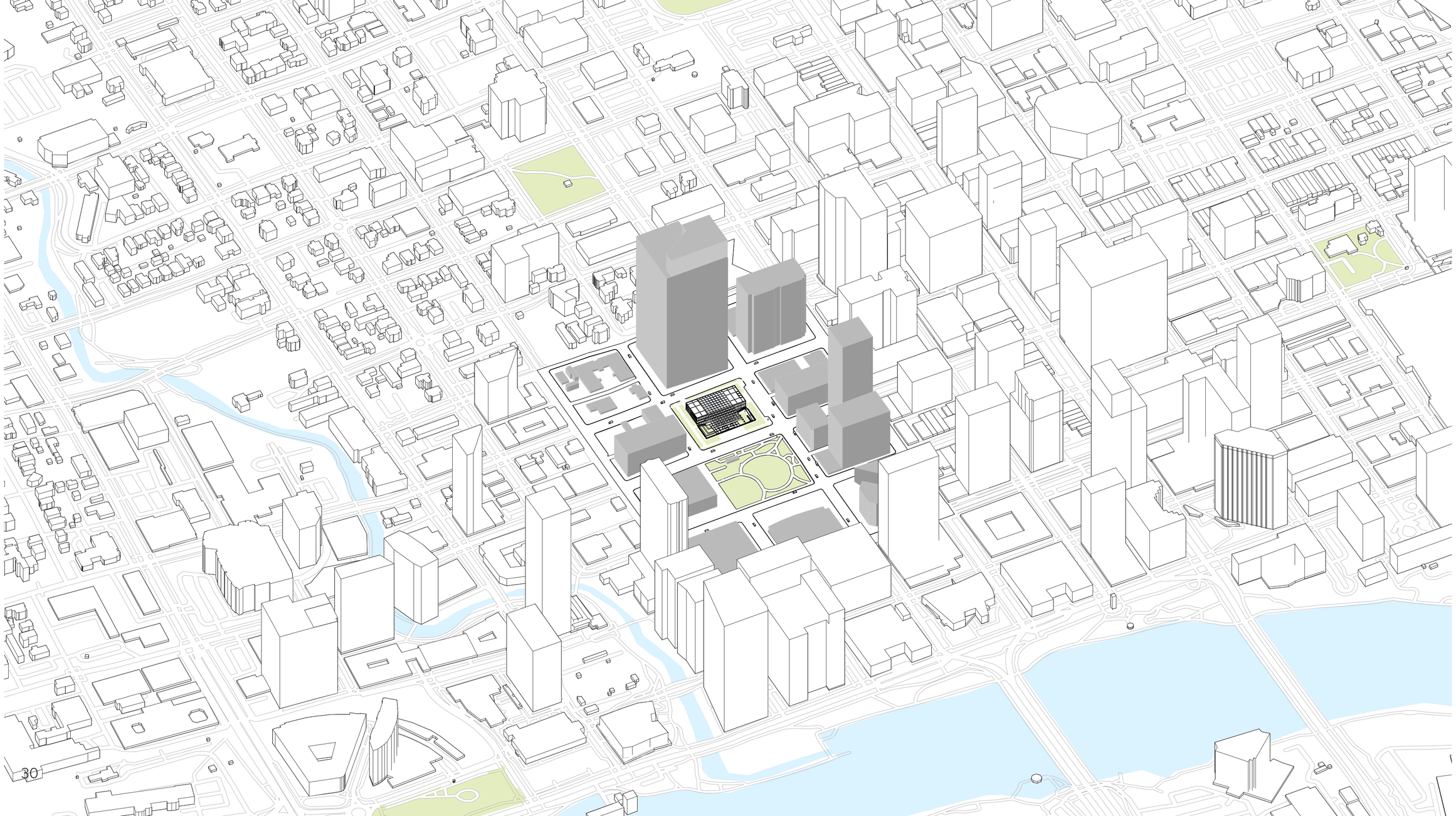


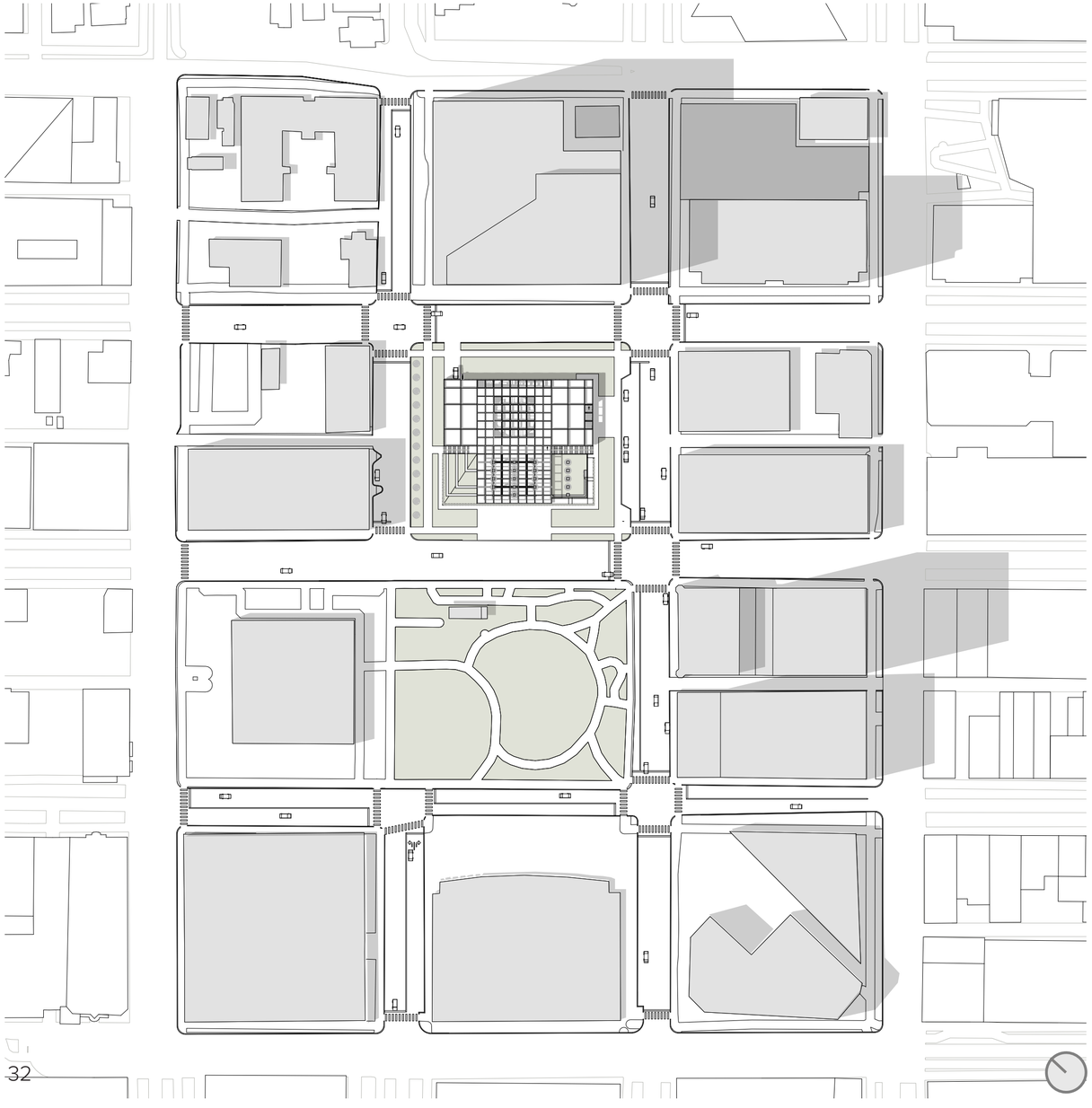


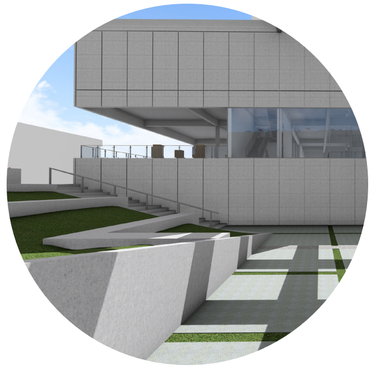
Nested objects. There is no clear boundary present, only a gradual transition between spaces. In a nested structure, the inside becomes the outside, and vice versa. The goal was to create architecture that transcends mere space or form, instead focusing on expressing the richness of the in-between.

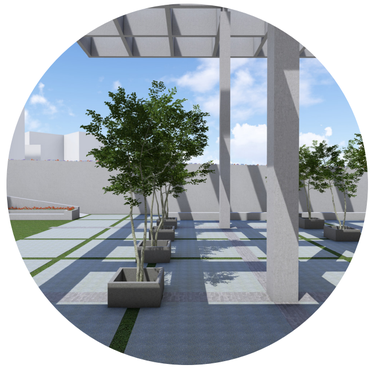


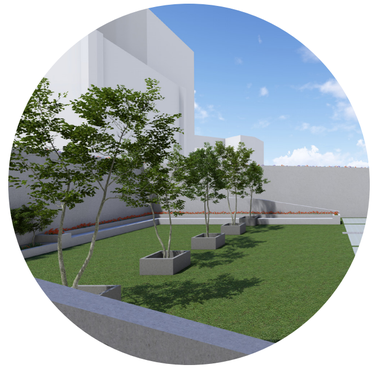

RELATIONSHIPS



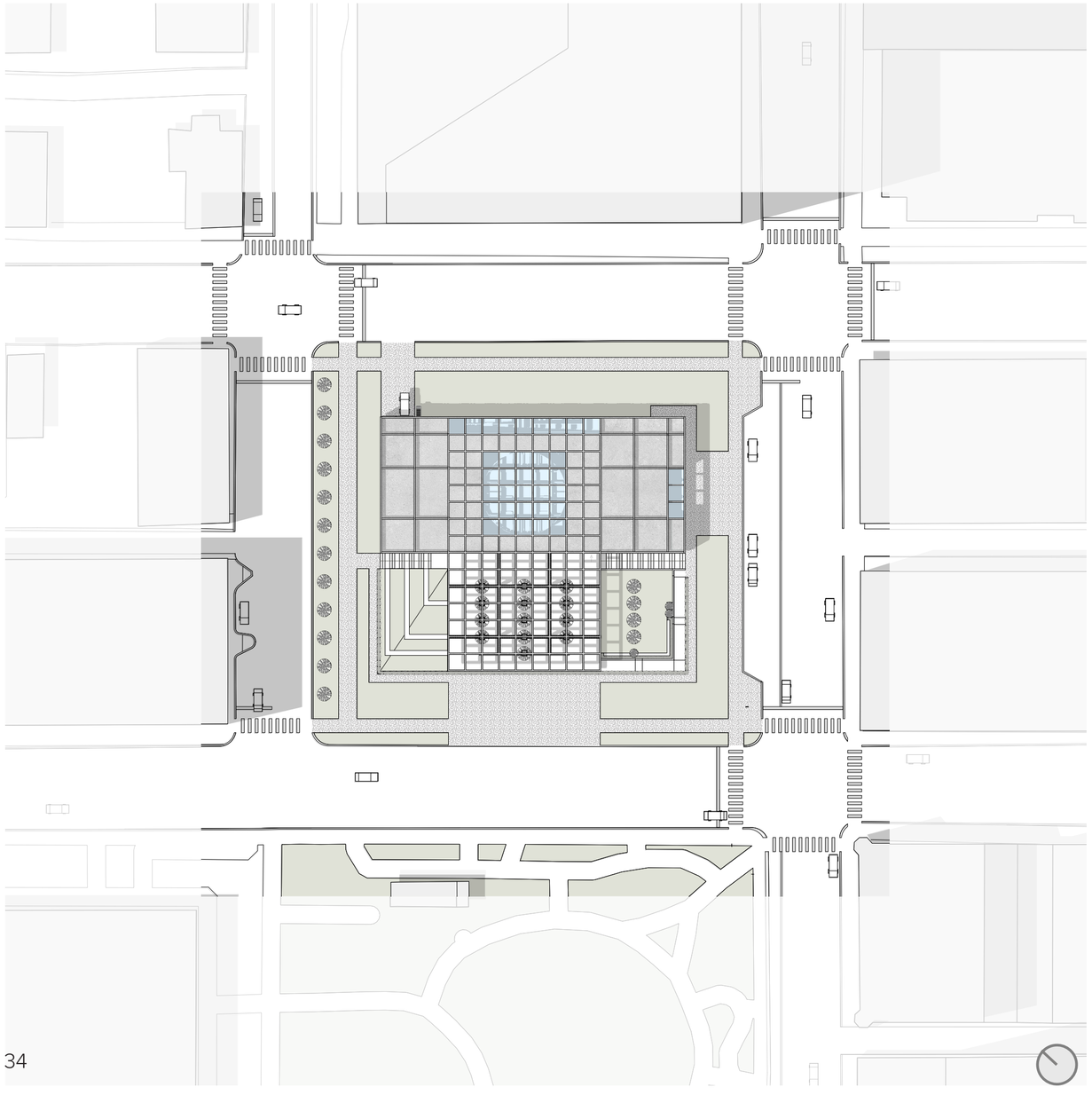


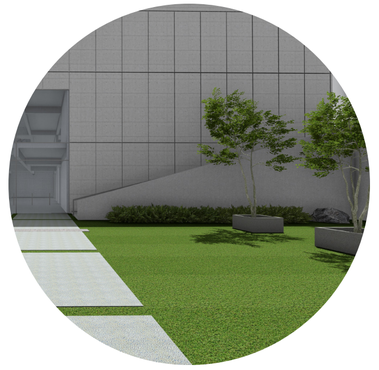


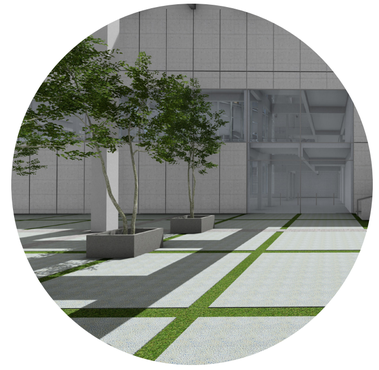




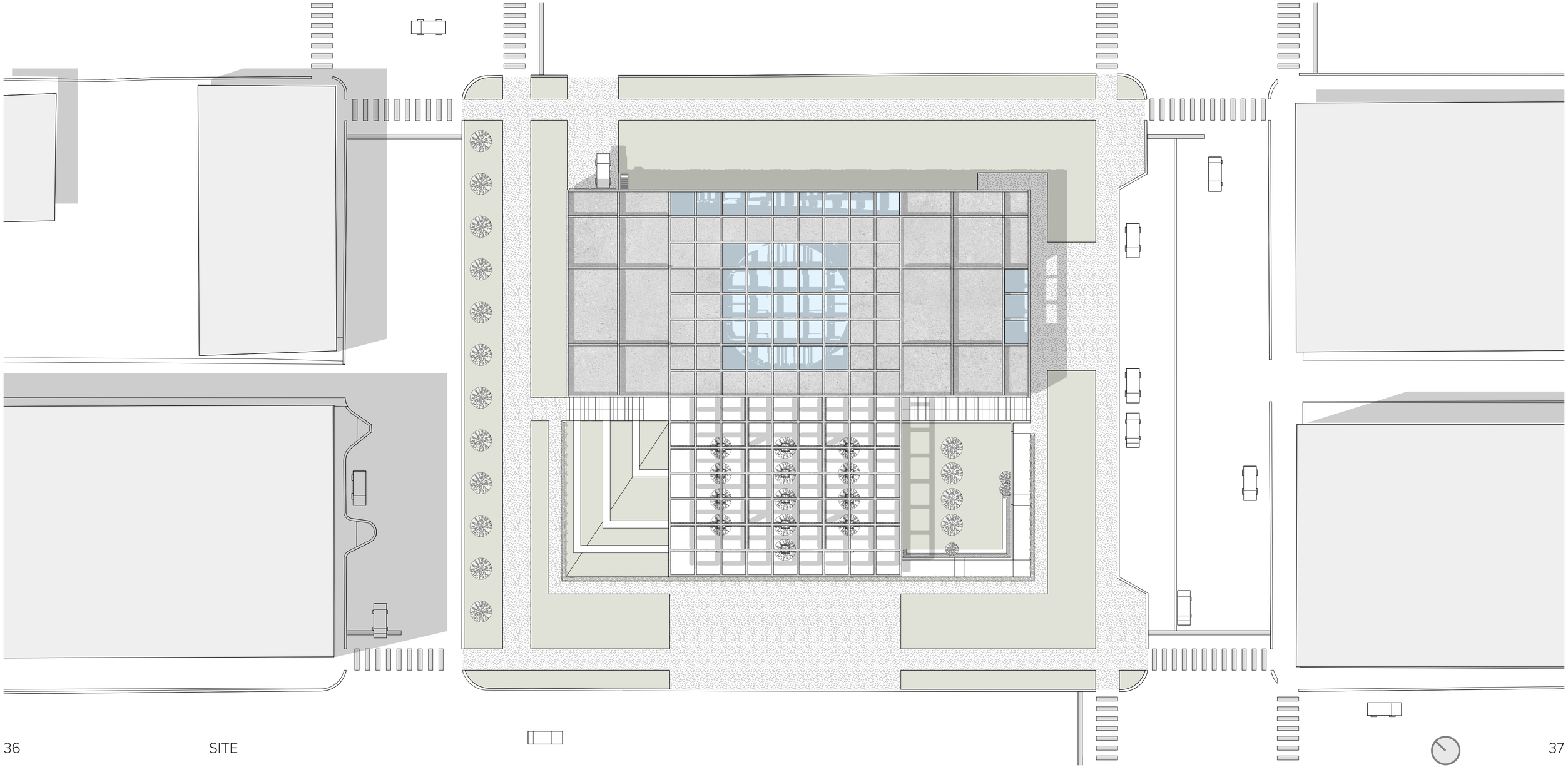
Architectural design shapes visitor circulation within a space, especially in a museum context. The goal for a museum's architecture is to create a structured and guided journey for visitors, introducing them to different design themes and ideas. Incorporating technology into the architectural layout allows for interactive exhibits, multimedia displays, and augmented reality encounters, enhancing visitor interaction. Successful design museums involve collaboration among architects, designers, curators, educators, and the local design community to achieve a collective vision that authentically connects with the world of design. When exploring these architectural beliefs and aspects while designing this design museum, this project not only reflects the principles of design but also becomes an embodiment of the creative and innovativeness that defines the field. The architecture becomes a vessel through which visitors can engage with design concepts, history, and aesthetics in a profound and transformative way. This building consists of a concrete envelope and structural system encapsulating a glass cylinder whose entire structural system is independent of the the rest of the building consists of steel. Much like a gem with a hard exterior and a light delicate interior.

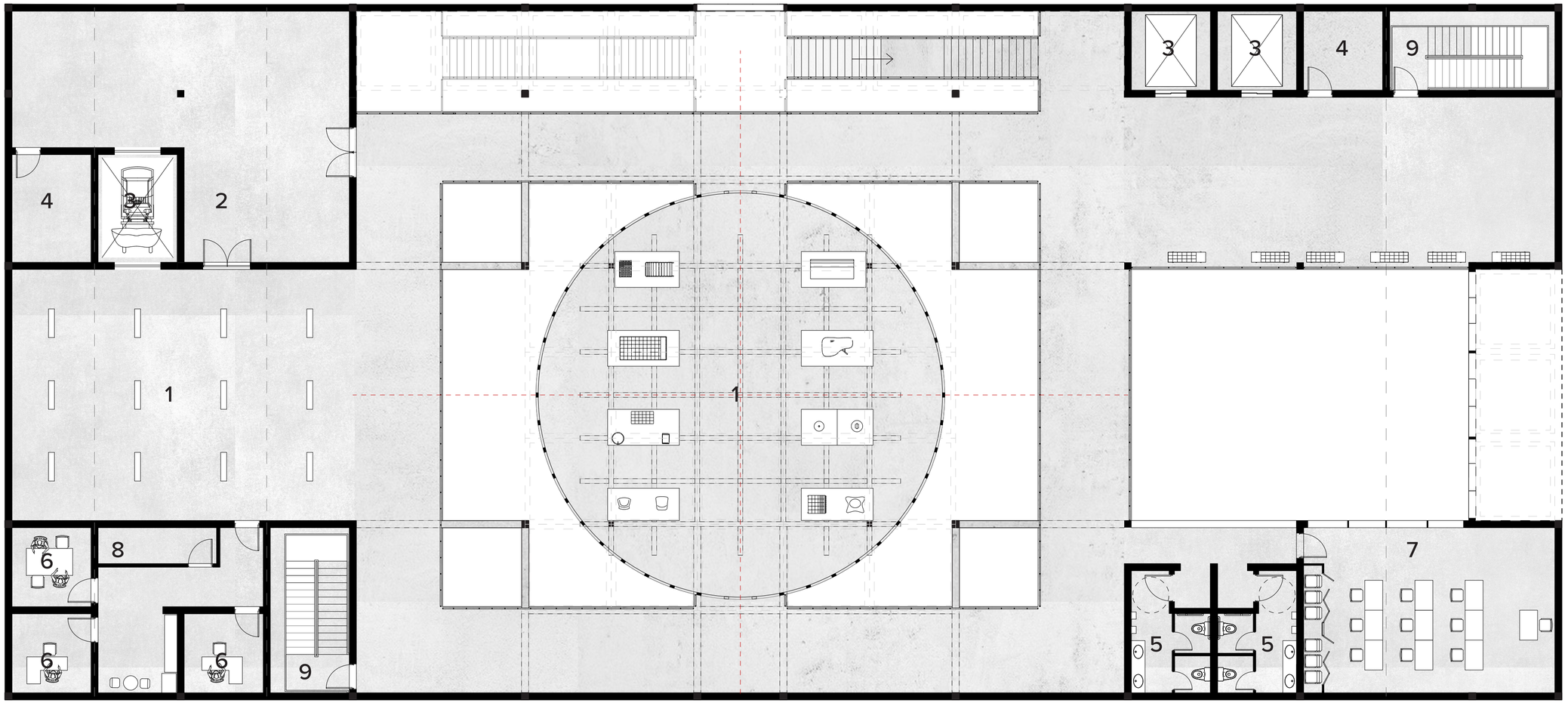






When discussing this design museum, the beliefs about how architecture form the foundation for designing spaces that serve functional purposes while also evoking emotions, allow for reflecting cultural values, and contributing to the built environment. These beliefs come into play to create a space that embodies the essence of design itself. Important architectural beliefs and aspects that are explored for this project includes: Form Follows Function, contextual integration, sustainability, flexibility, and wayfinding. Form follows function, often attributed to architect Louis Sullivan, focuses on how the function of a building should dictate its form. When thinking about designing a design museum, the layout, circulation paths, and spatial arrangement should align with the purpose of the museum—displaying the various design artifacts. Contextual Integration is critical because architecture, like interior design, considers its surroundings. This design museum harmonizes with the local architectural context while also standing out as a hub that represents the essence of design. Creating a distinct but crucial relationship between the existing site and this new building.

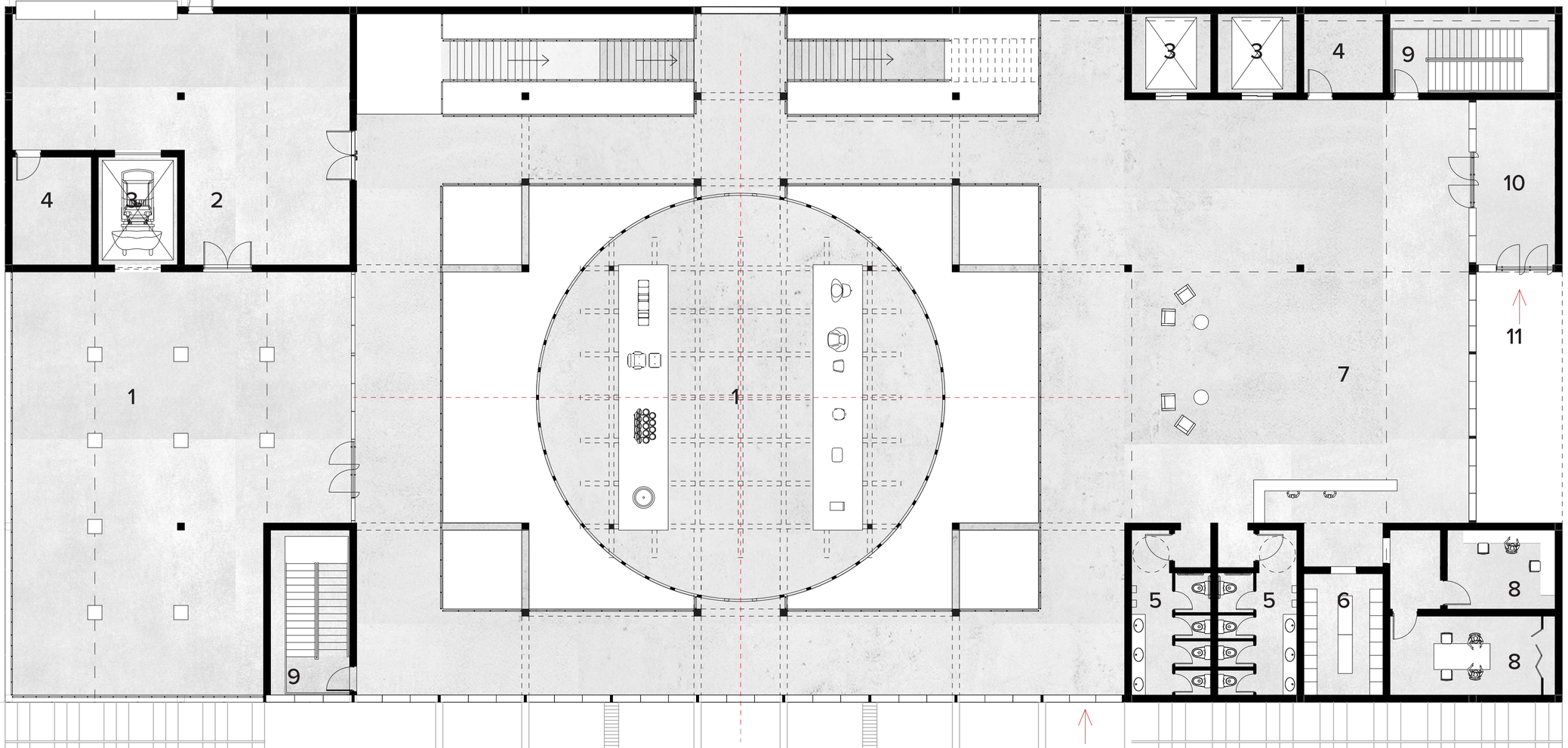




PLAN LEGEND:

1 EXHIBIT
2 EXHIBITION STORAGE
3 ELEVATOR
4 MECH. ROOM
5 RESTROOM
6 OFFICE
7 WORKSHOP ROOM
8 STORAGE
9 FIRE STAIR

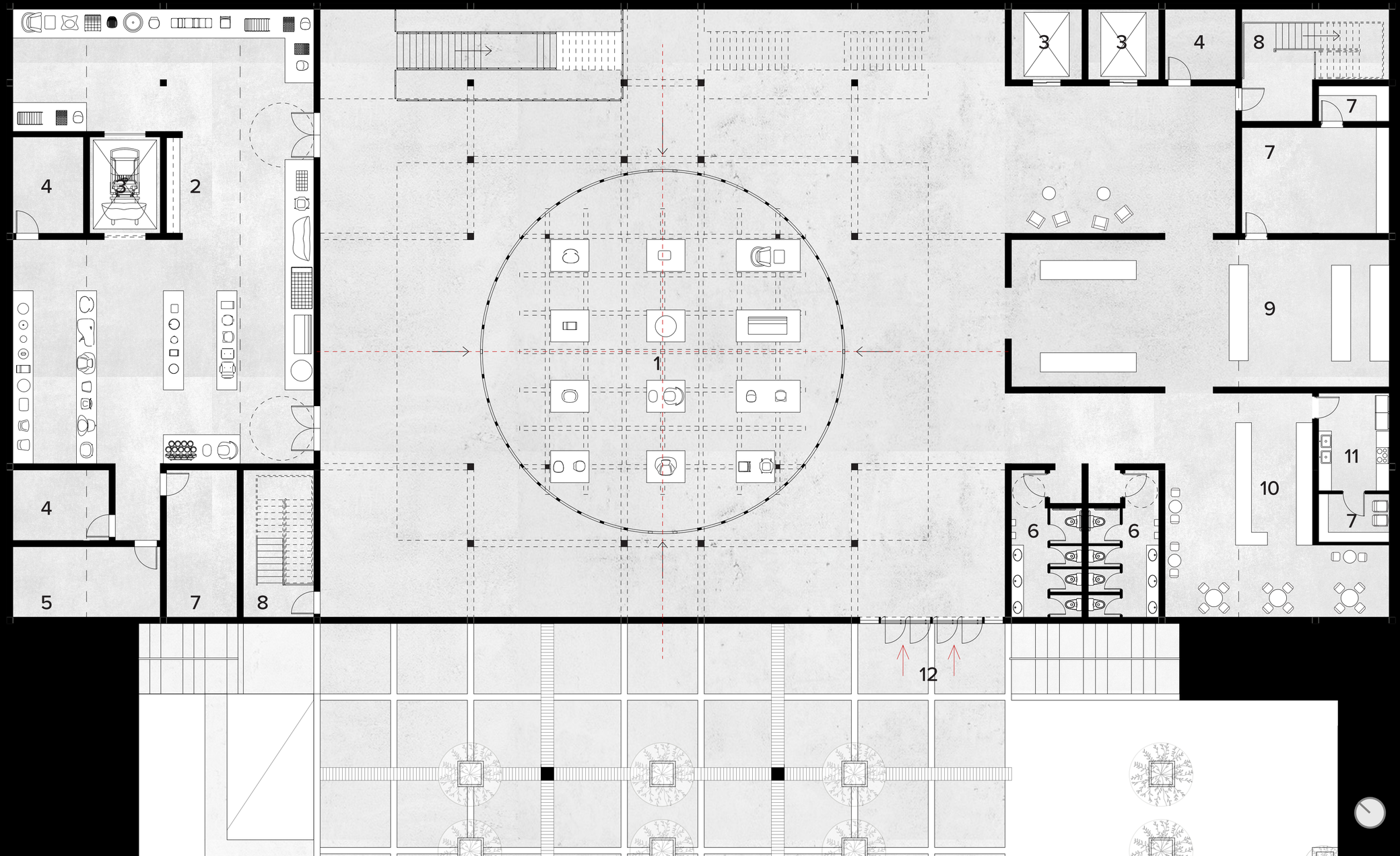
FIRST FLOOR



PLAN LEGEND:

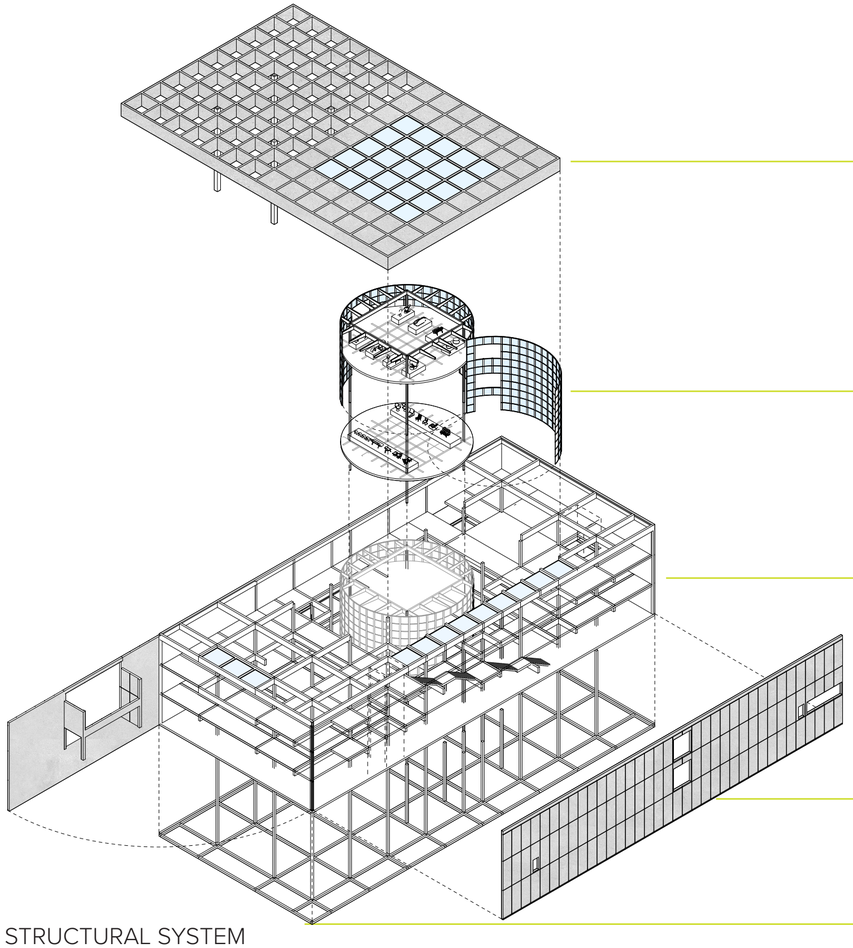
1 EXHIBIT
2 EXHIBITION STORAGE
3 ELEVATOR
4 MECH. ROOM
5 RESTROOM
6 COAT CHECK IN
7 LOBBY
8 SECURITY OFFICE
9 FIRE STAIR
10 VESTIBULE
11 ENTRANCE

GROUND FLOOR



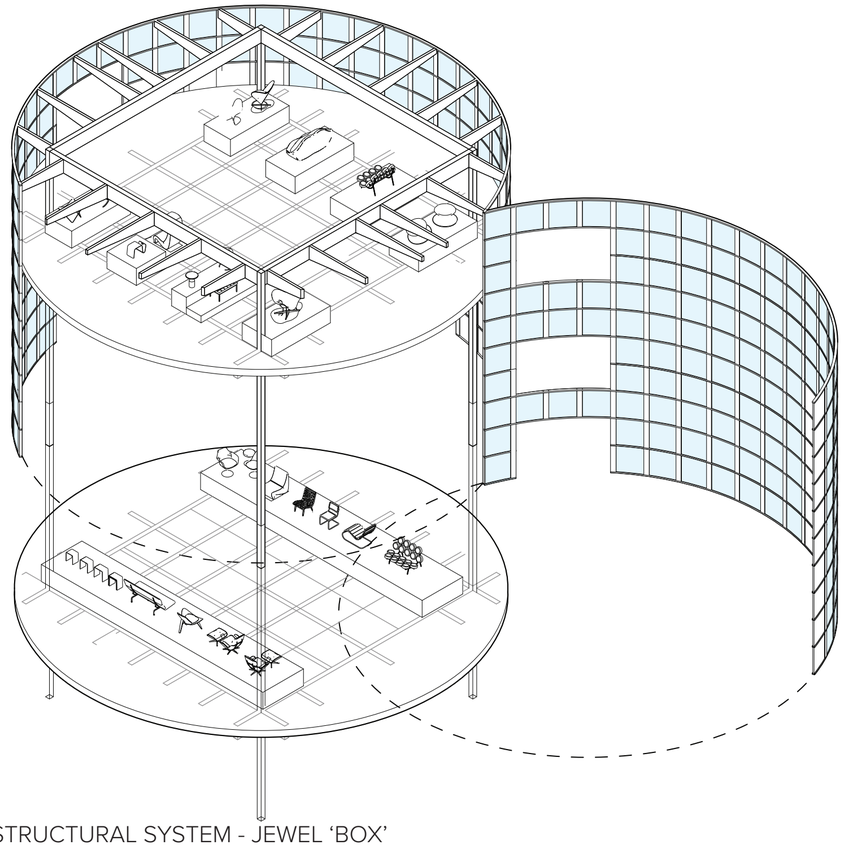
PLAN LEGEND:

1 EXHIBIT
2 EXHIBITION STORAGE
3 ELEVATOR
4 MECH. ROOM
5 ELEC. ROOM
6 RESTROOM
7 STORAGE
8 FIRE STAIR
9 GIFT SHOP
10 COFFEE SHOP
11 KITCHEN AREA
12 OUTDOOR

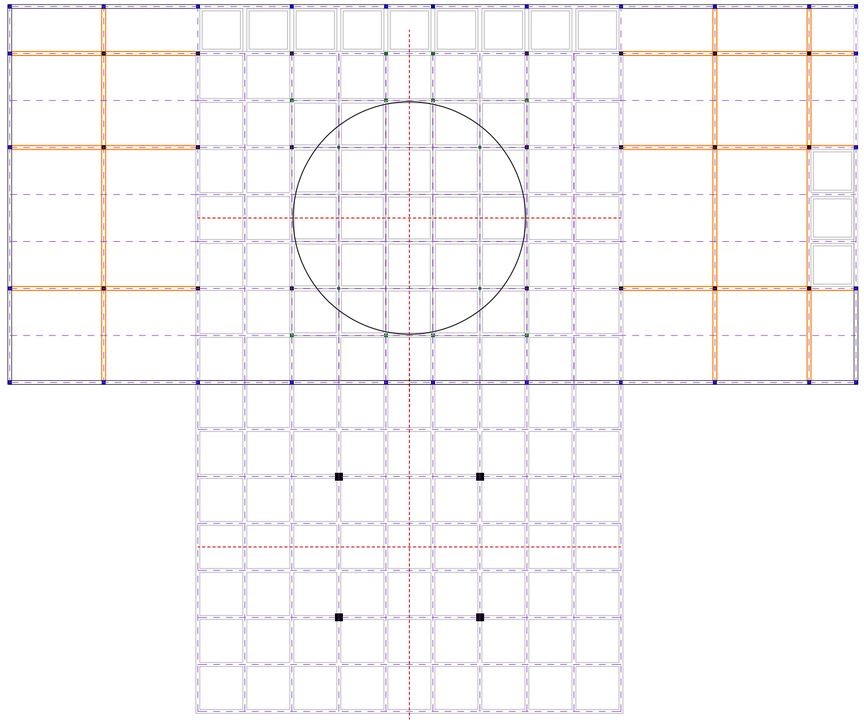


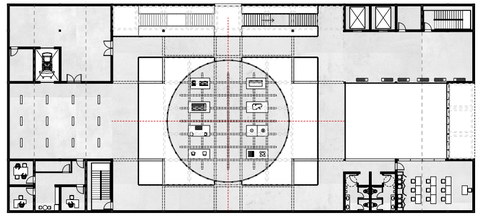
STRUCTURAL SYSTEM

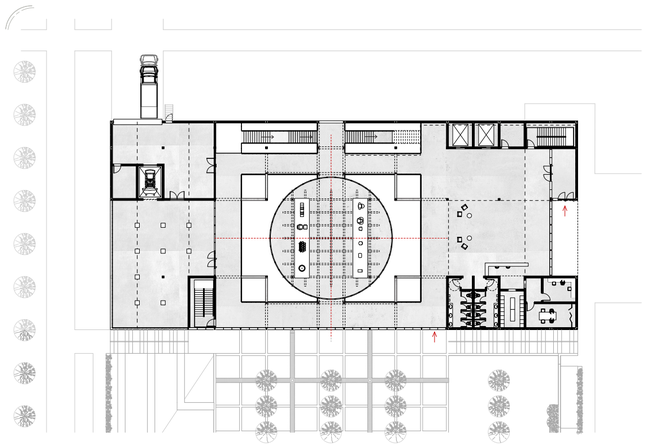
HSS STEEL BEAMS AND COLUMNS W/ ALUMINUM GLAZING

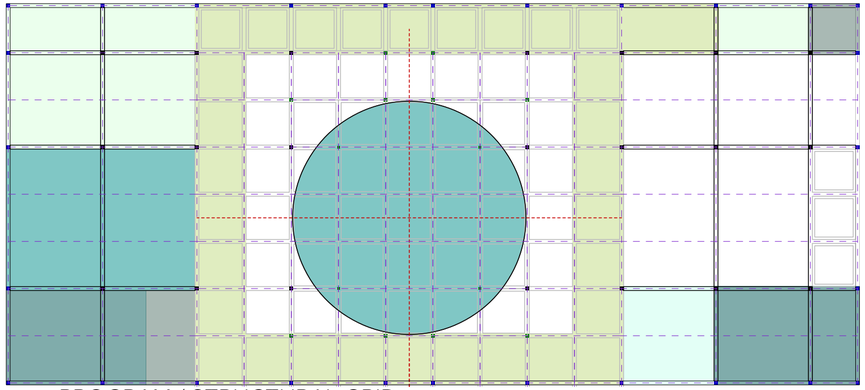


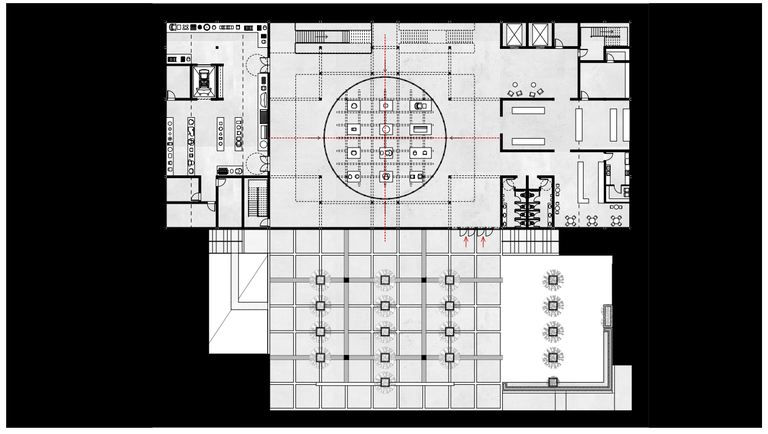
STRUCTURAL SYSTEM - JEWEL ‘BOX’





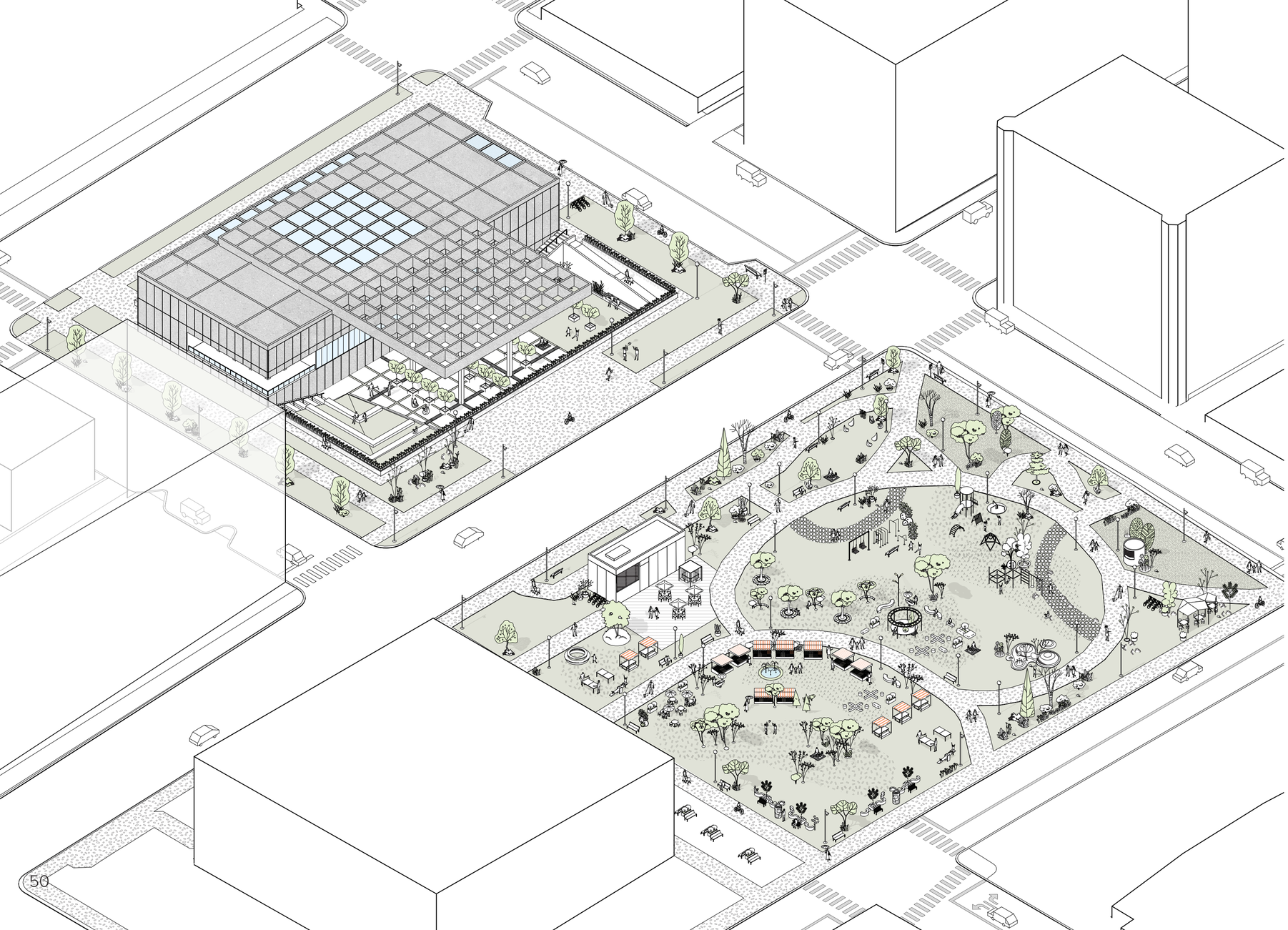


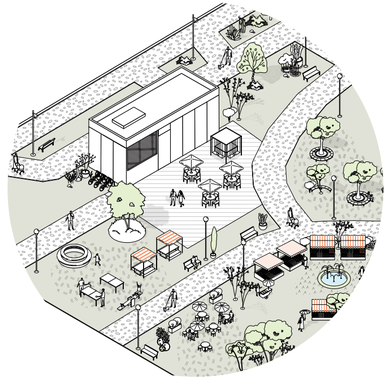


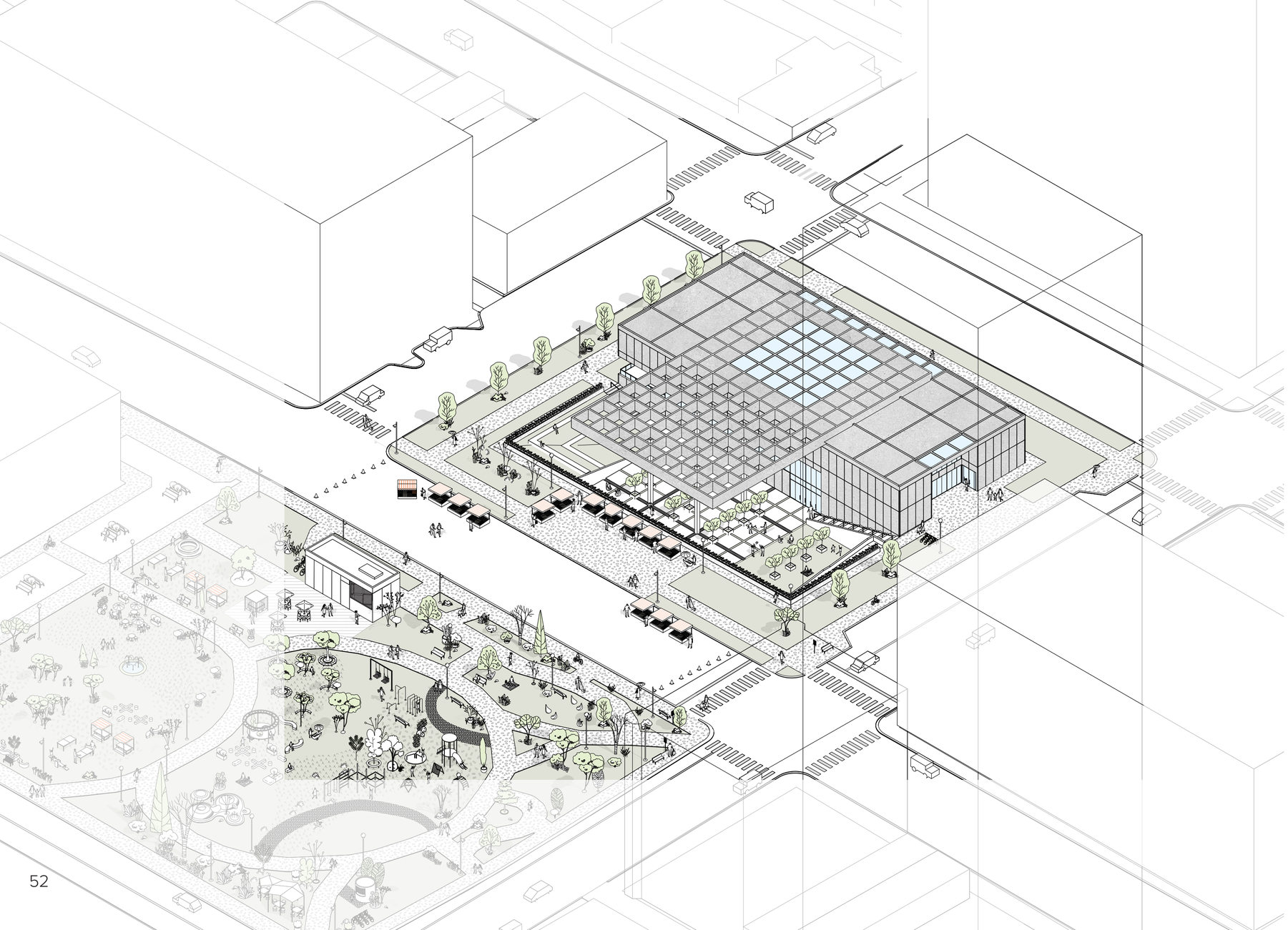


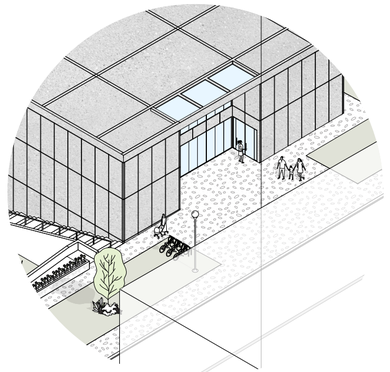
PROGRAM / STRUCTURAL GRID

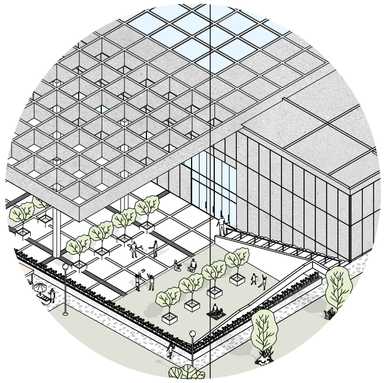
USER EXPERIENCE

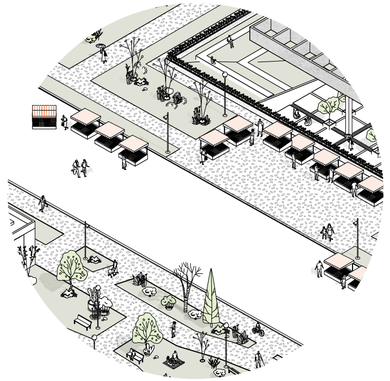


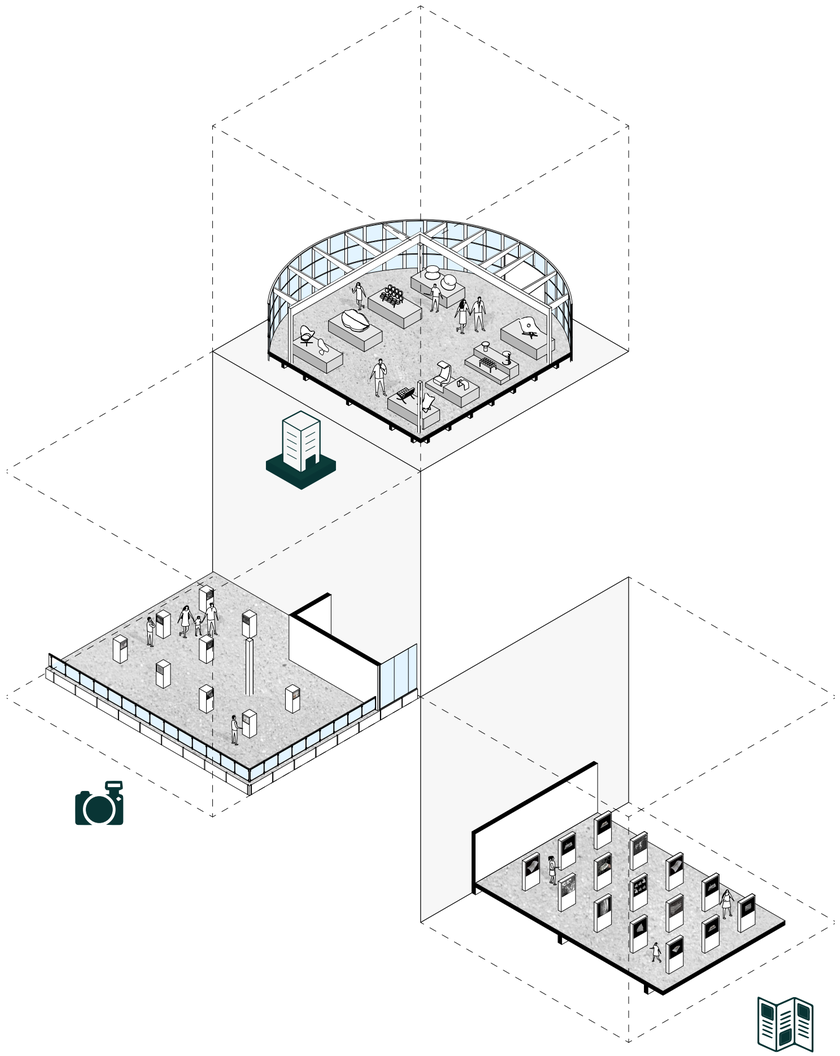










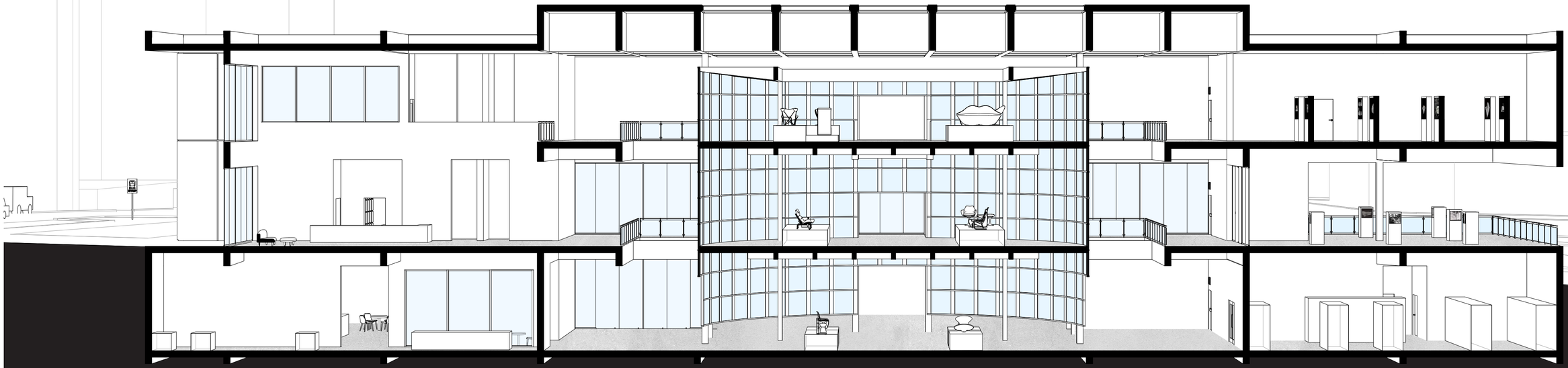


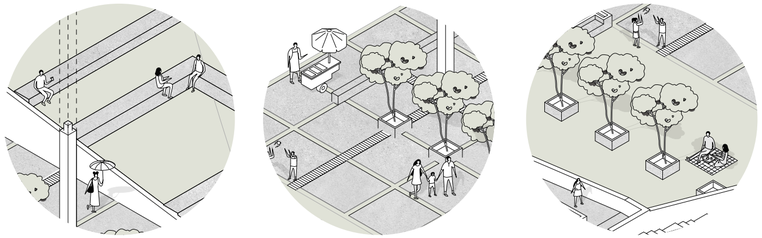
ARCHITECTURE

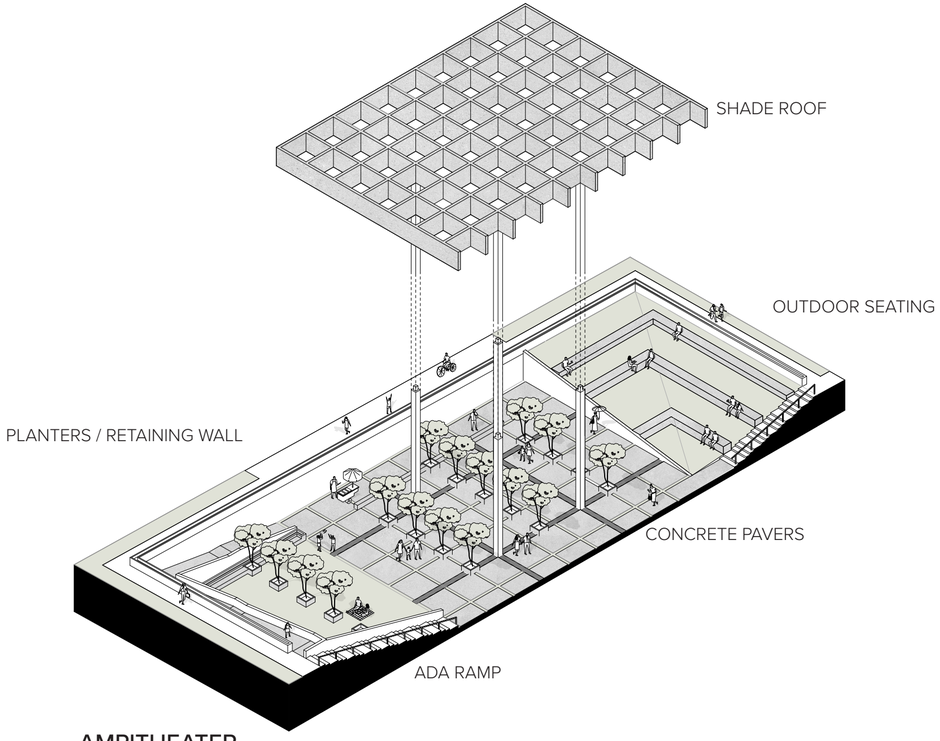
ARCHITECTURAL PHOTOGRAPHY

GRAPHIC DESIGN

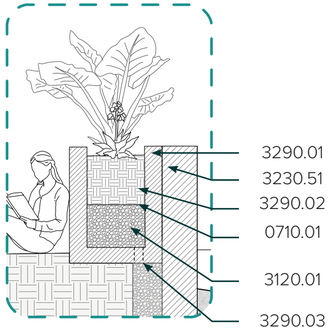
This design museum dedicated to architectural photography.architecture, and graphic design showcases the artistry and innovation within these disciplines. This museum features exhibitions highlighting iconic architectural images, exploring the role of photography in capturing the essence of buildings and urban landscapes. It also delves into the history and evolution of graphic design in architecture, showcasing posters, sketches, and digital renderings that have shaped the field. Interactive displays might allow visitors to experience the process of creating architectural photographs or designing graphic elements for buildings. Workshops, lectures, and educational programs would engage visitors of all ages, fostering a deeper appreciation for the intersection of design, architecture, and photography.

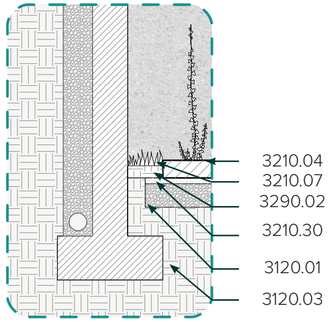






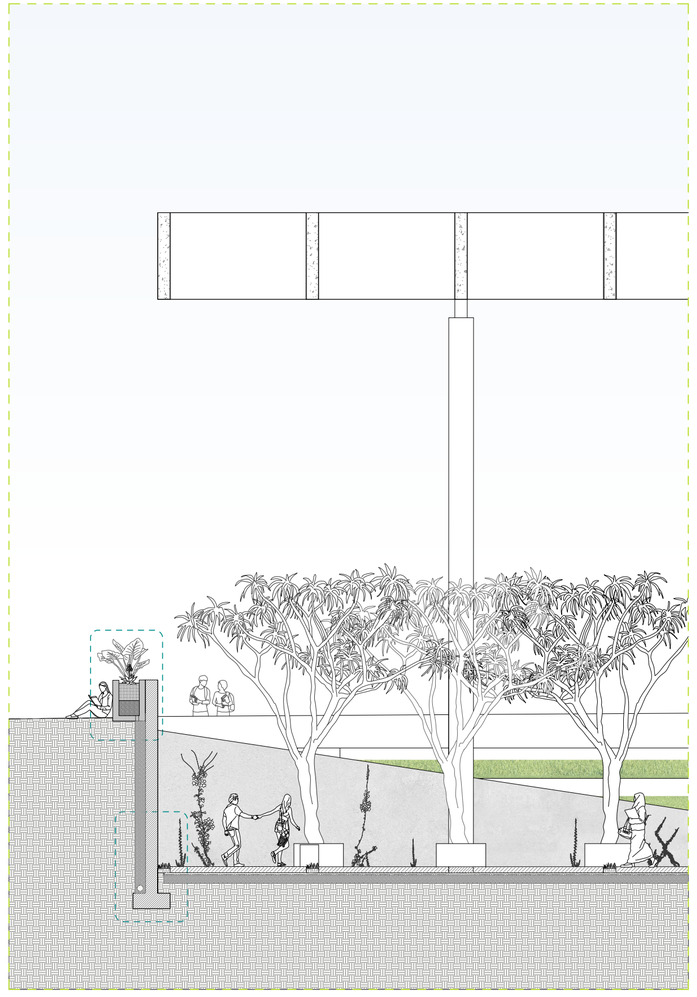
AMPITHEATER

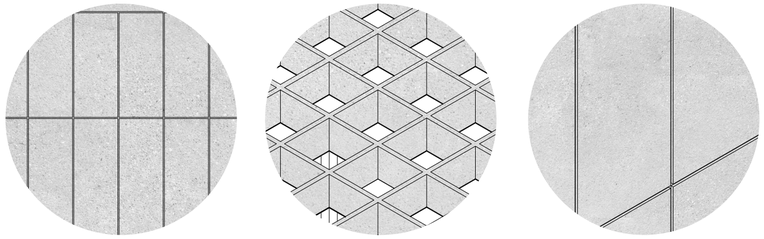


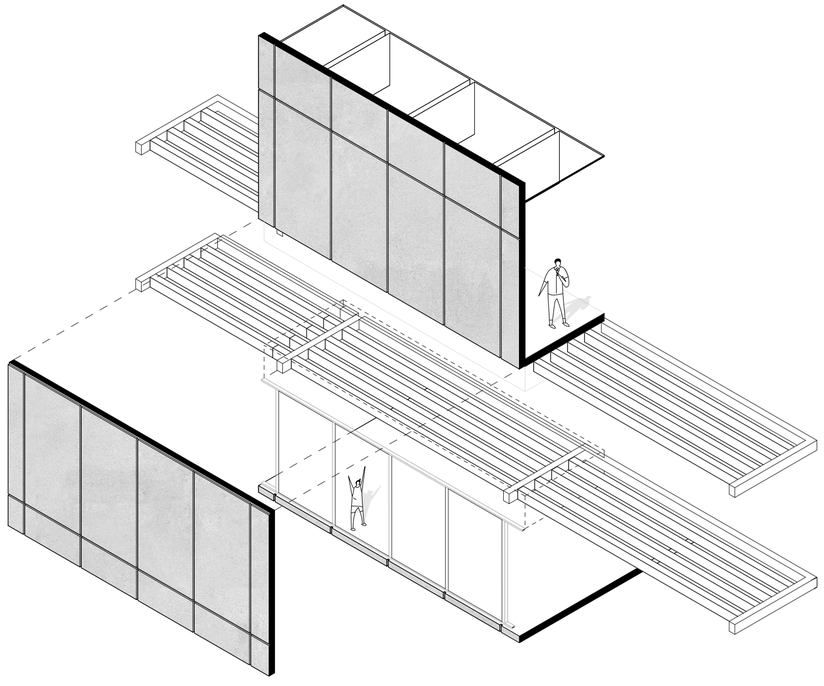


KEYNOTES

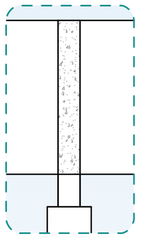
POLYETHYLENE LINER	0710.01
COMPACTED GRAVEL	3120.01
COMPACTED SUBGRADE	3120.03
CONCRETE PAVER	3210.04
GRASS	3210.07
PAVER SETTING SAND	3210.30
RETAINING WALL	3230.51
PLANTER	3290.01
TOP SOIL	3290.02
DRAIN CONNECTION	3290.03

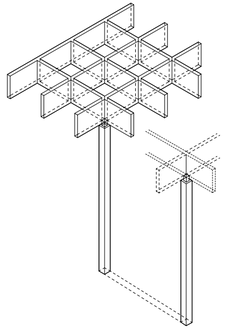




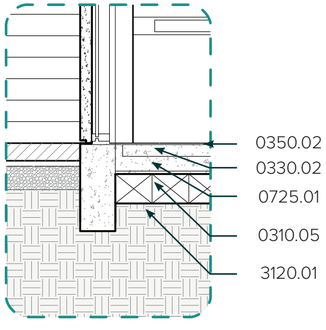


CAST IN PLACE CONCRETE PANELS



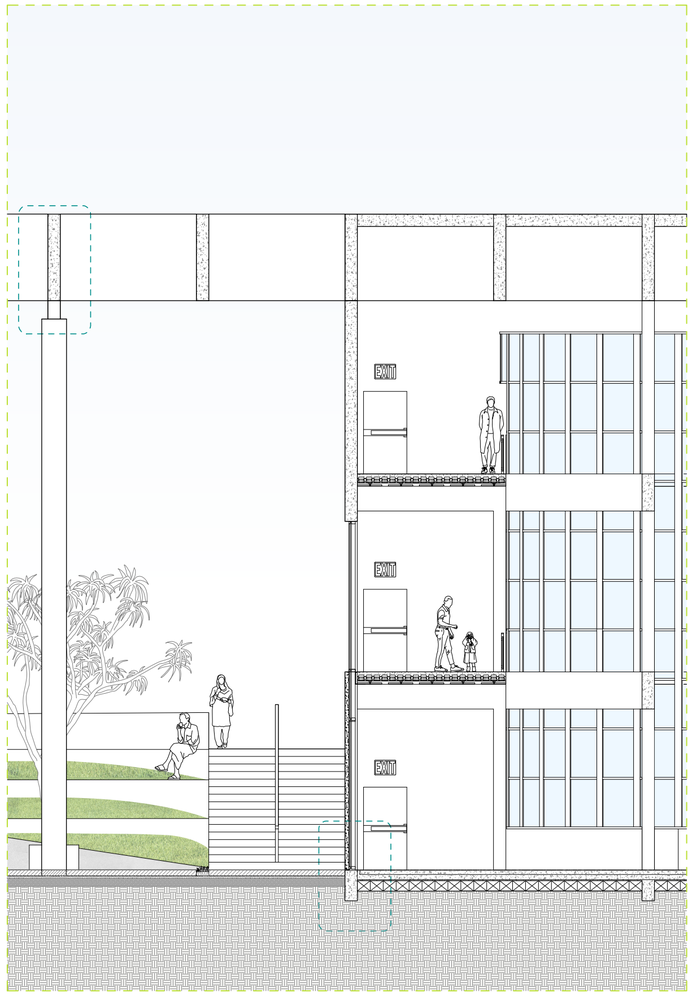


REINFORCED CONCRETE

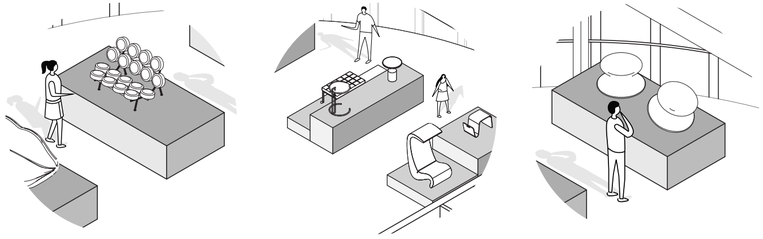


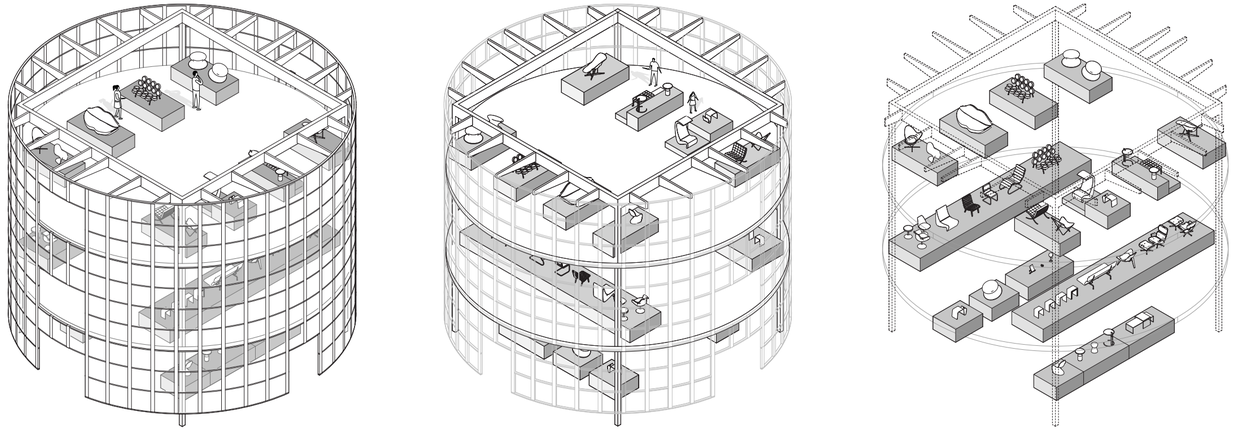
KEYNOTES

CONCRETE TOPPING SLAB	0350.02
CONCRET SLAB	0330.02
UNDERSLAB VAPOR BARRIER	0725.01
VOID FORMS	0310.05
COMPACTED GRAVEL	3120.01

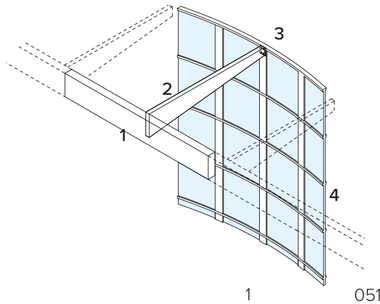


ROOF / ENVELOPE

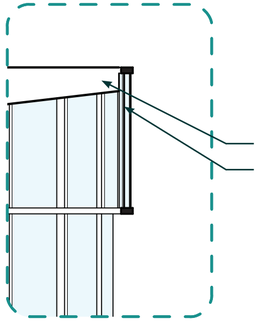




JEWEL ‘BOX’

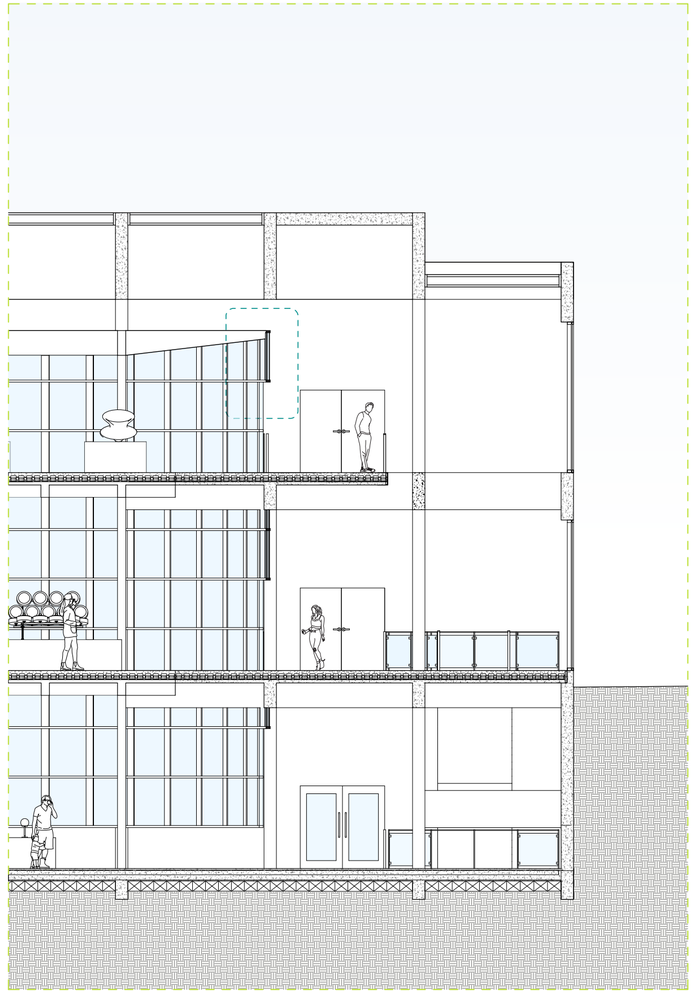


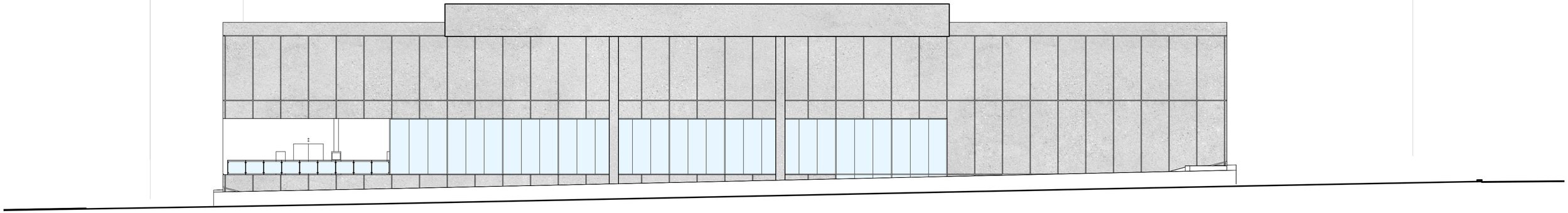
1	0510.10
2	0510.10
3	0550.30
4	0840.12

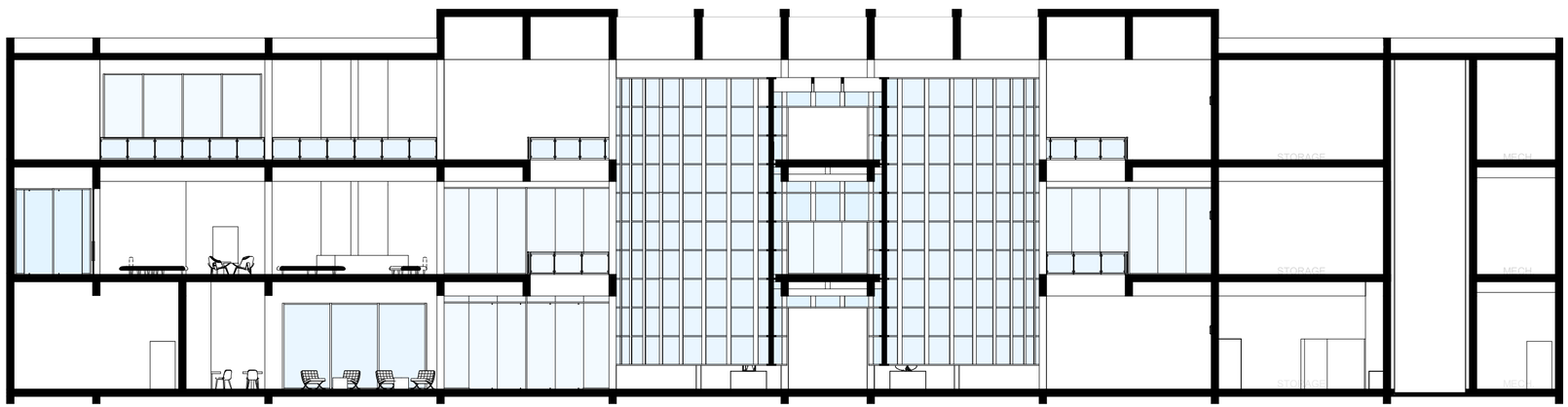


KEYNOTES

HSS STEEL BEAM	0510.10
HSS TAPERED STEEL BEAM	0510.10
STEEL PLATE	0550.30
STEEL PLATE	0840.12



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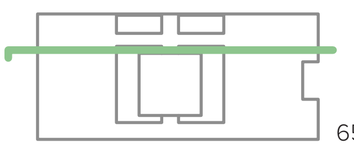
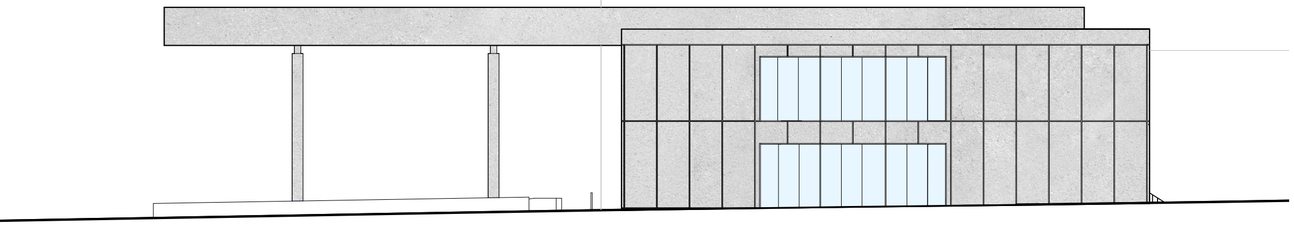
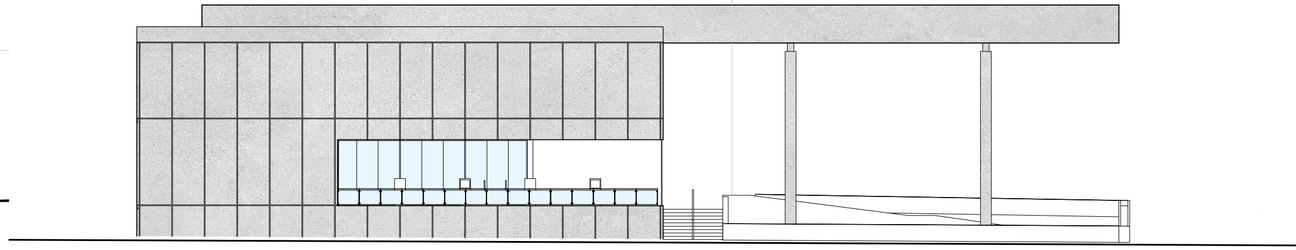
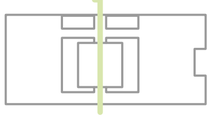
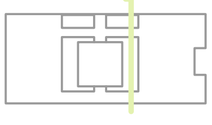


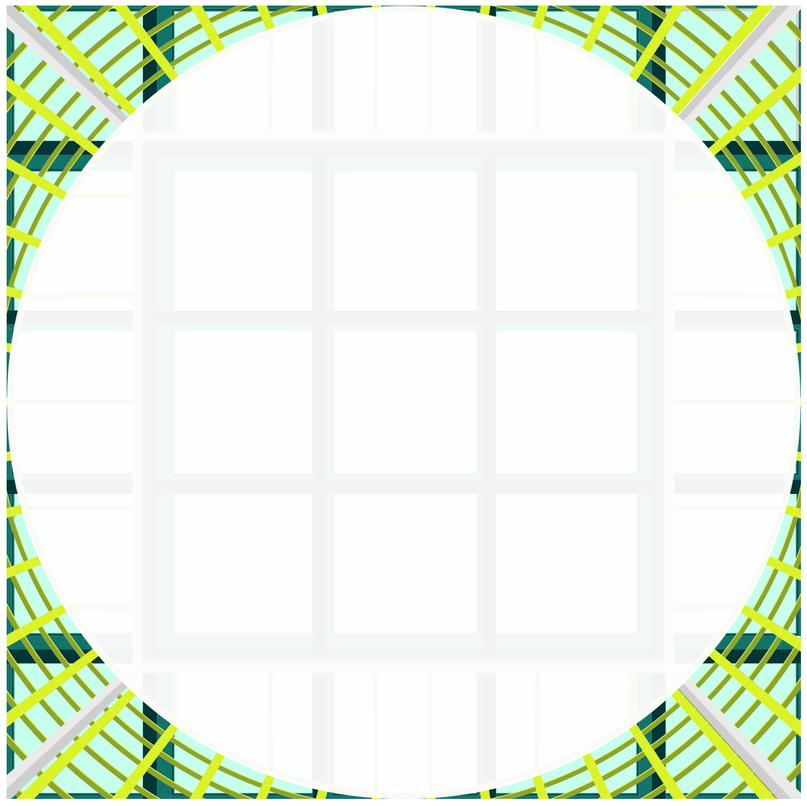








A critical architectural belief when designing a museum is flexibility and functionality. Architecture can tell stories through design elements and spatial arrangements. A museum's design creates spaces that guide visitors through a narrative journey, just as an exhibit does. Circulating the museum should be an experience as well. For a museum, the architectural design is critical because it should ensure spaces are functional and adaptable. Design museum spaces should be versatile to accommodate diverse exhibits, events, and should be designed to accommodate the changing exhibit. This building engages the senses and emotions of visitors. The museum's design invites exploration, curiosity, and interaction, fostering immersive experiences that resonate with the principles of design.



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