\supset Z \subseteq — Ш — — Ш — — Ш — 上 U 人 上 り へ ц U < DZY DZY DZY — Ш — Ш — **Ч У Ч У** 上 U へ \supset Z \subseteq $\supset Z \cap$ — Ш — — Ш 上 U へ 上 り へ 上 U へ DZS DZS — Ш — **— Ш — Ш —** 上 切 人 上 り 人 上 り へ

Course List

ARC 5343 // Architecture Design 8 // Eric Peterson with Elisa Cagelli and Ricardo Miselli

ARC 6356 // Architecture Design 10 // Eric Peterson with Elisa Cagelli and Ricardo Miselli

ARC 5734 // Culture and Art in Italy // Alessandro Cavalieri

ARC 5745 // Urban Architecture and the 20th Century // Gianni Franzone and Matteo Fochessati

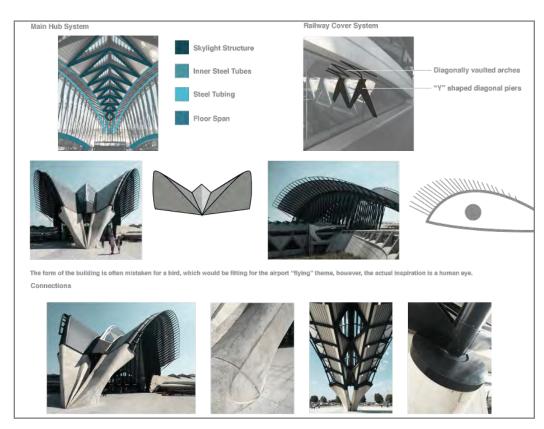
ARC 5756 // Architecture of the City // Eric Peterson with Matthew Rice



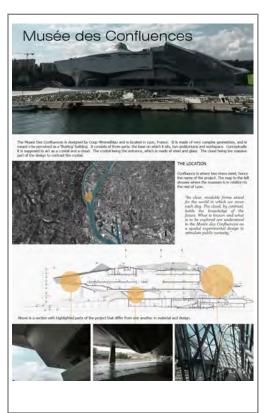
ARCHITECTURE OF THE CITY

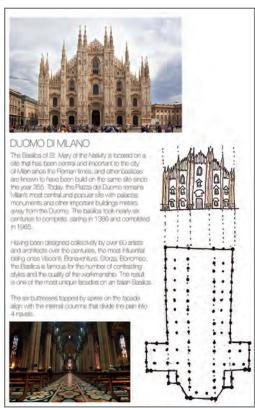
Architecture of the City addresses the study of architecture and the urban environment for architectural design students studying in Genoa, Italy. Students will draw, diagram, and analyze urban places, spaces, and architectural works in order to understand the role of historic context and its transformation over time. Students will engage in both analytical and interpretive studies in order to discover and develop design strategies and methods useful for contemporary design projects. A wide variety of media will be explored including graphite on paper, digital compositing, digital modeling, and computer rendering.

Fieldwork in Genoa and other cities visited during academic travel will introduce analytical photography and on-site drawing and documentation techniques to study significant works of contemporary, modern, and pre-modern architecture. In-class exercises will explore questions of representation and interpretation to help support a developing understanding of urban site and context. By analyzing and interpreting the city, students will come to more deeply understand concepts of urban fabric and morphology, infrastructure and urban space, and architectural typology and urban grain. This will enhance the development of a more sensitive architectural vocabulary that responds to the particularities of urban place.



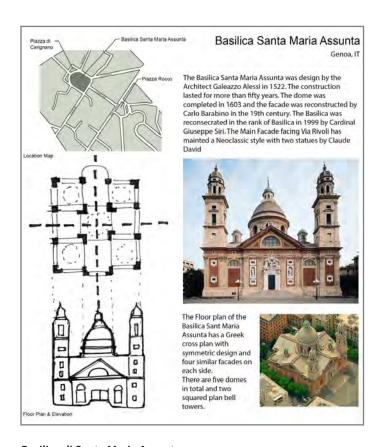
Gare de Lyon Saint-Exupéry



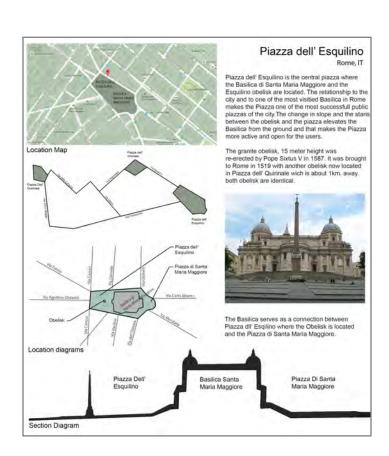




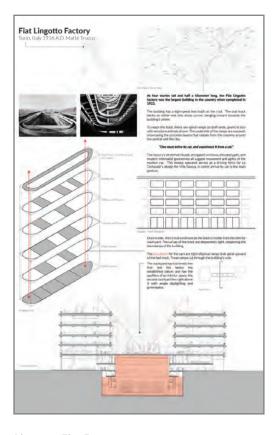
Musée des Confluences Duomo di Milano Vitra Haus

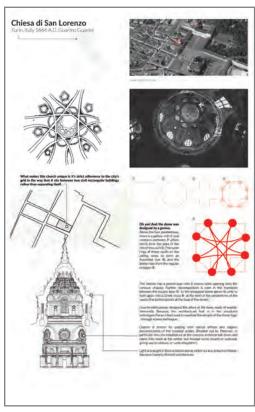


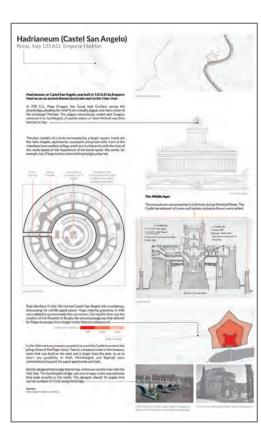
Basilica di Santa Maria Assunta



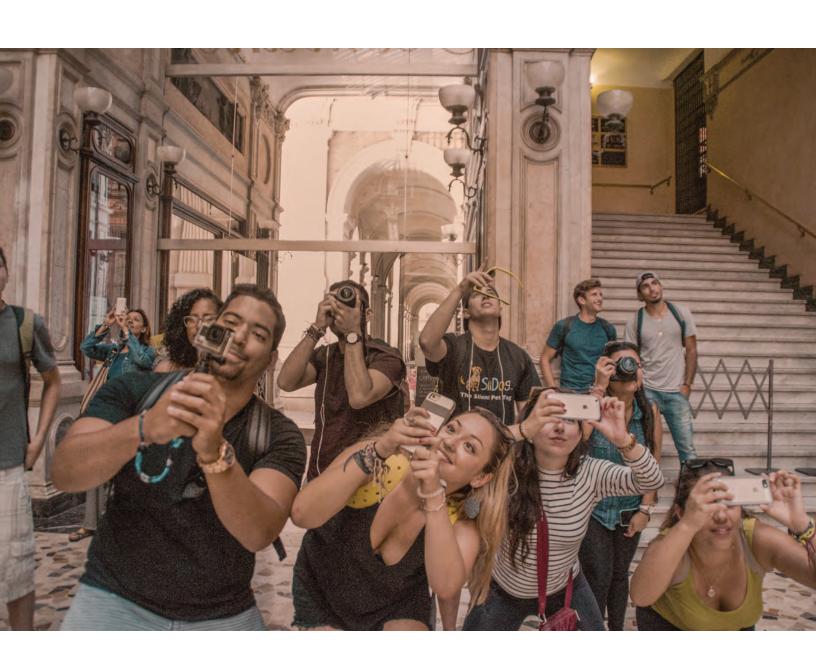
Piazza dell' Esquilino







Lingotto Fiat Factory Chiesa di San Lorenzo Castel San Angelo



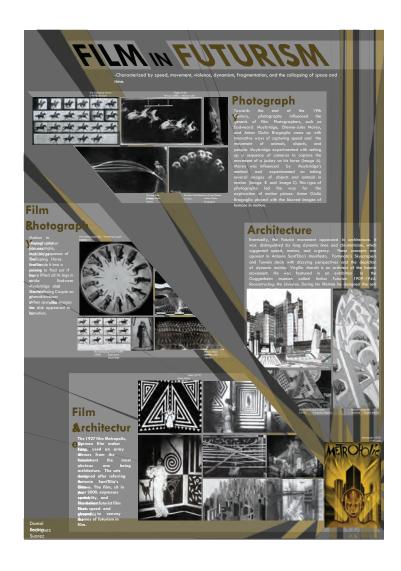


URBAN ARCHITECTURE AND THE 20TH CENTURY

This course provides an overview of design and the arts in Italy between 1890 and 1950, including painting, sculpture, graphic design, set design, furniture and objects, industrial design, and architecture. Special use will be made of the Mitchell Wolfson Jr. Collection in Genoa as a resource. Students can expect to attain knowledge of the design output of Italy during the aforementioned period, and gain a comprehensive understanding of the historical, social, and cultural forces at work on design practices, and the roles that design and the arts play in society.

Students will be expected to demonstrate knowledge of significant design objects and tendencies in Italy during the Modern period and express an understanding of relevant issues through written and/or oral examination. In support of these objectives, participation in class dialogues and field activities is expected. Site visits will be conducted to the major points of interest in the area relevant to the course, including the Wolfsoniana, Nervi, and the Galleria d'Arte Moderna, Nervi.

Students will complete a research project on a specific opic to be determined in conjunction with the course instructors. The process and product of the research will be presented in the form of schematic graphic diagrams, posters, maps of relationships between significant objects, buildings, artworks, and historic events with an approximate proportion of 75% images to 25% text.



HASTEN THE APPEAL OF PATRIOTISM!



user's to waiting to yet, once that Size of the Conference was the Upper of the United Size of the Conference was the Upper of the United Size of the Conference was the Upper of the United Size of the Conference was the Upper of the United Size of the Conference was the Upper of the Upper o



"The Po is waiting for you," reads across the front 🛈 of a pamphlet that was dropped by the Germans During the Italian Civil War, southern Italy joined the Allied Powers. To the Fascist north, this union



























Art Nouveau

complexity and variety of cultural modernization. It was the result of intense and flamboyant activity in the visual arts by individuals wishing to change the character of European civilization. Art Nouveau was the first self-conscious internationally based attempt to transform visual culture through a commitment to the idea of the modern. Regional variations of Art Nouveau emerged in various locations, all with their own intepretation and execution of the movement.

Paris

Art Nouveau was now perceived as a national style with its birthplace in paris and its creator in Guimard. The movement begs as an effort to break away from the traditional historical style and



Glasgow



Barcelona



Brussels

Horta did not regard art Nouveau as a break from the past. Rath his classicism was a re-statementof underlying an intangible principles.

Horta attempted to immortalize nature through the use of Art Nouveau language. Painting glass and wrought iron work. The Tassel House was considered the first Art Nouveau build



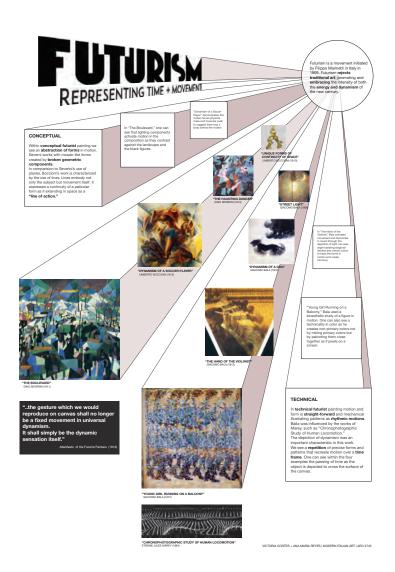
Turin

Munich

Jugenstil is Gremany's version of Art Nouveu it embras symbolism as well as apreoccupation with nature and natural form.



URBAN ARCHITECTURE AND THE 20TH CENTURY



RATIONALISM AND

THE THIRD **ROMAN EMPIRE**

"We based ourselves on a syllogism which went roughly thus: fascism is a revolution, modern architecture is revolutionary, therefore it must be the architecture of fascism.'

-Ernesto Rogers, Rationalist Architect

The Third Roman Empire

Italian fascism was a form of radical authoritarian nationalism. Between 1922 and 1943, Benito Mussolini ushered in the fascist regime. He emphasized the need for a unified Italy and the rise of A Third Roman Empire. He was successful in fostering a strong sense of nationalism and channeling the desires of the Italian people to restore and expand the Italian territories abroad.

Italian fascism claimed that modern Italy is the heir to ancient Rome and its legacy. The buildings of the fascist regime often utilize references to the Ancient Romean classical style of architecture. This style man classical style of architecture. This style was characterized by symmetry and large scale. Buildings that exemplify this style include: The Coliseum (bottom left), Caesar's Theater (top left), Circus Maximus (top right), and the Roman Stadium (bottom right). In the examples of Fascist architecture (provided below the Roman images) there is a clear lineage between the Ancient Roman style and that of the fascist regime.





Casa Del Fascio 1936





















Rationalist Architecture

In December 1926, seven Milanese architects published the first of four manifestos that would later lay the foundation for Rationalist architecture. The seven architects, self-titled Gruppo 7, consisted of Ubaldo Castagnoli, Luigi Figini, Guido Frette, Sebastiano Larco, Gino Pollini, Carlo Enrico Rava, and Giuseppe Terragni. Their Manifesto was inspired by Vers Une Architecture by Le Corbusier and Internationale Architektur by Walter Gropius. They believed their architecture was a combination of Gropius' attention to detail nized with Le Corbusier's symbolic references of the machine and its relationship to ancient Roman Architecture.

Grouppo 7 wanted to create a contemporary architecture particularly focused on functional requirements and constructed with modern materials made into forms that evoke the spirit of a machine civilization. The building materials generally included reinforced concrete, steel, and glass. For example, the Asilo Sant'Elia (left) utilized all three of these materials. It is rational in the fact that the plan is simple, the facade is symmetrical, and the building lacks ornamentation in general.

Fascist Architecture

This type of architecture gained popularity in the late 1920s with the rise of nationalism and modernism. The buildings inspire a sense of awe and intimidation through their size and were often made of limestone and other durable materials to give their style, using its functionalism and simplicity. building and their regime a sense of permanence.

The style was meant to be a type of propaganda that displayed their strength, pride, and power. The architecture was a combination of the Roman style, taking its size and materiality, and the Rationalist

Maria Moyano Natalia Montana





Fig. 2: Crociera Aerea Del Decennale Luigi Martini

Mussolini's face centralized and large Mussolin's face centralized and large representing this hierarchy of power. Over seeing his army, taking a more military aspect of the progsanda. The airplanes represent the industrial part of society moving forward and focusing on the future.

FASCISM SHOULD BE POLITICALLY TRANSPARENT

Mussolini had a vision of instilling the fascism ideals, promoting Italian unity, totalitarianism and nationalism. This portrayal can be seen in more than one form of art media whether it was through sculpture, painting, and or a rachitecture. These pieces of art work promoted government, military, rule, policies but always first and foremost representing Mussolini in some type of way overseeing. Mussolini in some type of way overseeing buset bears policies in motioners on the size.



The sculpture represent Mussolini in profile but the unique aspect of the sculpture is that at any view Mussolini is in profile creating a 360 degree view, almost freezing the rotation in a single form.



The beams coming off of his face represent ancestry and the power of the Roman Empire, the type of land he wants to recreate. His face superimposed on an aerial view of Rome and its relics does not relate back to the past but it represents the importance of power and monumentality.

II DUCE E CEMODE JLMI IIL

Fig. 3: Fascist Synthesis Alessandro Bruschetti 1935

1935
Has a perfect portrayal of all points leading towards Mussolini's ideals for Italy. Beginning with the depiction of himself centralized in the triptych. The bright highlighted beams streaming from his face, the multiple depictions of himself as a military man, a

DESIGN AS A TOOL OF FASCIST REGIME

HOW FASCIST IDEOLOGY INFLUENCED GRAPHICS, ARCHITECTURE, FURNITURE, AND FASHION



Graphic Art

Italy was ruled by the National Fascist Party under Benito Mussolini from 1922 to 1943. He set Italy on a course to becoming a one party state and to integrate fascism into all aspect of life. Mussolin believed in a strong connection between political action and artistic practice.



The cylindrical bundle of rods of white birch symbolize the power to punish. They are tied together with red ribbons of leather, symbols of sov-ereignty and unity, and sometimes include an ax of bronze, representing the power over life and death.



Fascist Symbolism





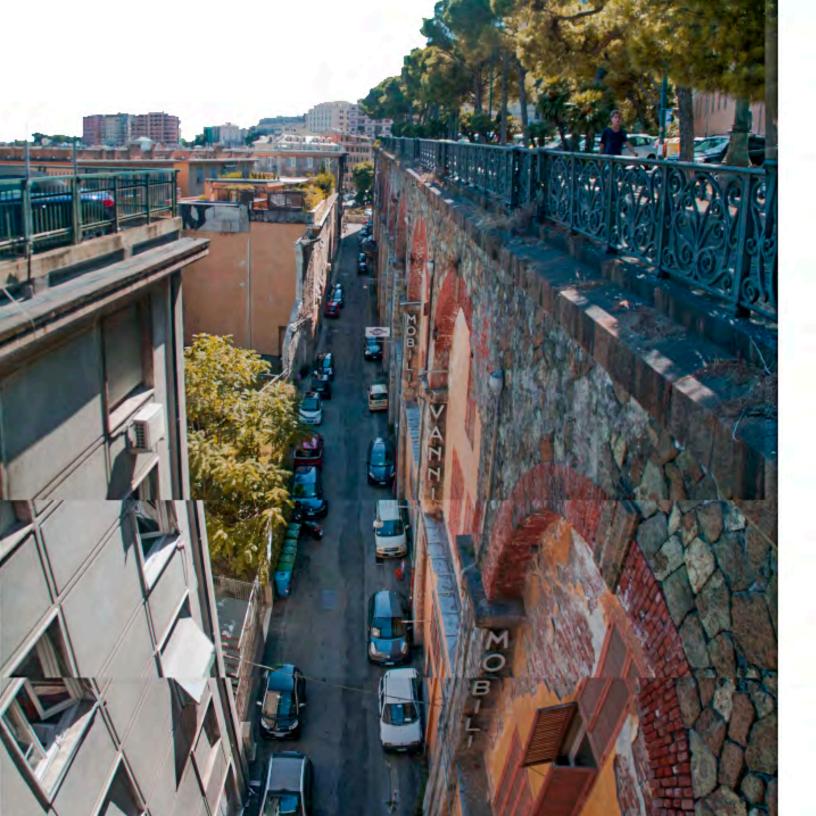


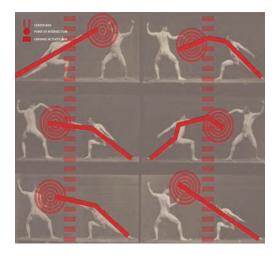












DESIGN STUDIO

CS Genova Scherma Olympic class fencing school and training facility

Fencing, the modern sport of armed combat has a long and proud tradition in Italy. While the history of armed combat is perhaps as old as humanity itself, this highly formalized type of combat was first introduced to Italy in the 13th Century by Spanish military forces. It was later formalized in the renaissance and the "Italian School" still maintains a dominant role in the world of modern competitive fencing.

CS Genova Scherma – the Genova Fencing Club - has decided to develop a premiere Olympic class fencing team and it is investing in building a world-class fencing school and training facility in Genova. They plan to invite athletes from all over Italy to come to Genova for extended advanced training in Olympic competition fencing events. The project will consist of dormitory space for the fencing team, athletic training spaces, office and classroom spaces, a series of training rooms, and a competition exhibition hall with a regulation Olympic fencing piste.

CS Genova Scherma believes that highly competitive martial arts competitors need not only rigorous athletic training, but also nutritious foods, access to green space, light, and open spaces for meditation and optimal mental health and well-being. Originally the fencing club had planned to occupy adjacent buildings, but their acquisition of these spaces is being blocked, so the city has agreed to allow them to excavate up to 25m into the adjacent wall opposite the project site...

- Single controlled entry point to training facility from both upper and lower levels
- Multiple egress points as required
- Separate controlled entry and egress for Public program Competition hall
- Minimum 20% open space (open to sky or clerestory not including excavated spaces)

Dormitory

- Dormitory for 24 team members, coaches, and support staff
- Dining room and kitchen
- Common recreation / living space
- Garden

Training and Office Space

- Changing rooms / bathrooms
- Weight training / Resistance training
 - Cardio training
- Group exercise space
- Management office
- Coaches office
- Classroom for video and technical instruction
- Full-size regulation training pistes
- Trainers' office
- Nutritionist office
- Nurse / sport medicine / first aid office
- Hot tub / Ice bath
- Electrical vault, custodial service space, refuse / recycling

Competition / Exhibition Hall

- Full-size regulation Olympic fencing piste
- Seating for 200
- Separate entry and egress routes for public program

DESIGN STUDIO

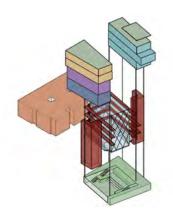
This course is a vertical design studio in Genoa, Italy that proposes an architectural intervention within a complex urban context. Students will analyze and document an urban site using a variety of advanced conceptual and analytical tools in order to develop an architectural proposal that operates as an integrated response to the needs of contemporary collective urban life. The course will introduce design methods and strategies appropriate to an intricate urban project.

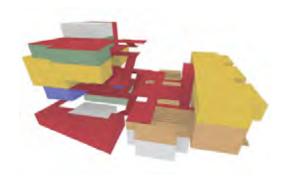
By the conclusion of the course students will be expected to demonstrate a clear understanding of the historic context within which they are operating. Architectural proposal will exhibit a clear strategy based on cogent site analysis, research into relevant precedents, and thoughtful analysis of programmatic requirements as they relate to site and context. It is expected that all work will be timely, complete, and well documented according to established deadlines.





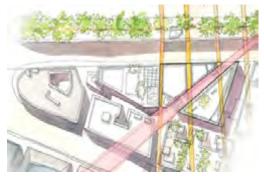


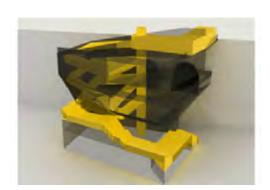












Genova Olympic Fencing School Andrea Mayor / D10 Vicky Cortes / D10

Urban Continuity Nicholas Vasquez / D08 Maria Moyano / D08

Genova Scherma Valeria Fossi / D10

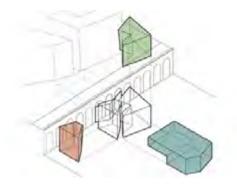
Daniel Rodriguez / D10

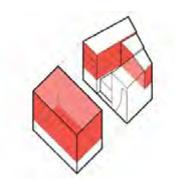
CS Genova Scherma Maria Sol Rivera / D10 Luis Marenco / D10

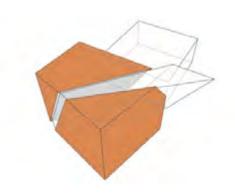
Brian Rivera / D08 Jessica Suarez / D08

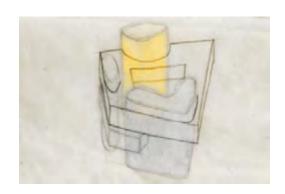
Facilities for Genova Scherma

Fencing Hall Adam Medal / D10 Sharon Farina / D10











Genova Scherma Ana Maria Reyes / D08 Rafael Rocha / D08

Genova Scherma

CS Genova Scherma

Maria Paglia / D08

Mike Peisel / D08

Chris Gongora / D08

Scherma Genova CS Genova Scherma Pedro Munarriz / D08 Matthew Kaplan / D10

CS Genova Scherma Natalia Montana / D08

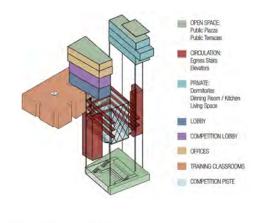
ANDREA MAYOR + VICKY CORTES // D10

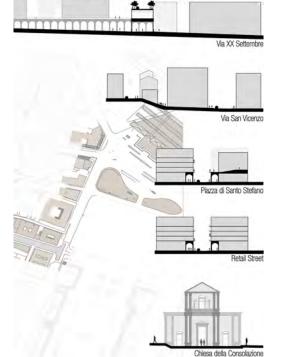
- A Hand-Drawn Sketch
- **B** Hand-Drawn Sketch
- **C** Hand-Drawn Sketch
- D Rendered Master Plan
- **E** Hand-Drawn Sketch
- F Computer-Generated Diagram
- G Site Cross-Section
- **H** Detailed Section Model
- I Final Model
- J Longitudinal Section
- **K** Program Axonometric
- L Entry-Level Plan
- M Final Critique
- N Rendered View



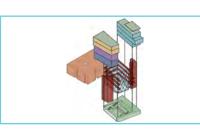


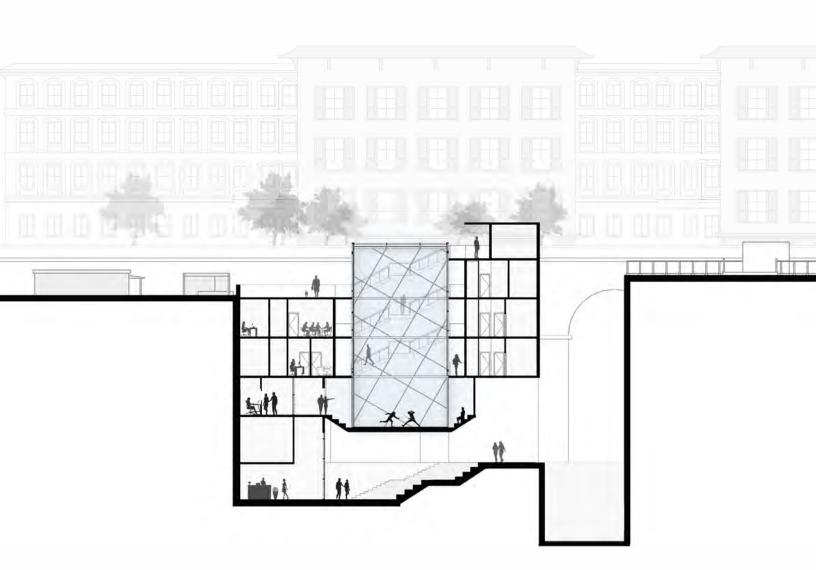
- · Visual Connections from Levels
- Ground Level at different Height
 Layering between Transitional
- Spaces
 Shared Spaces

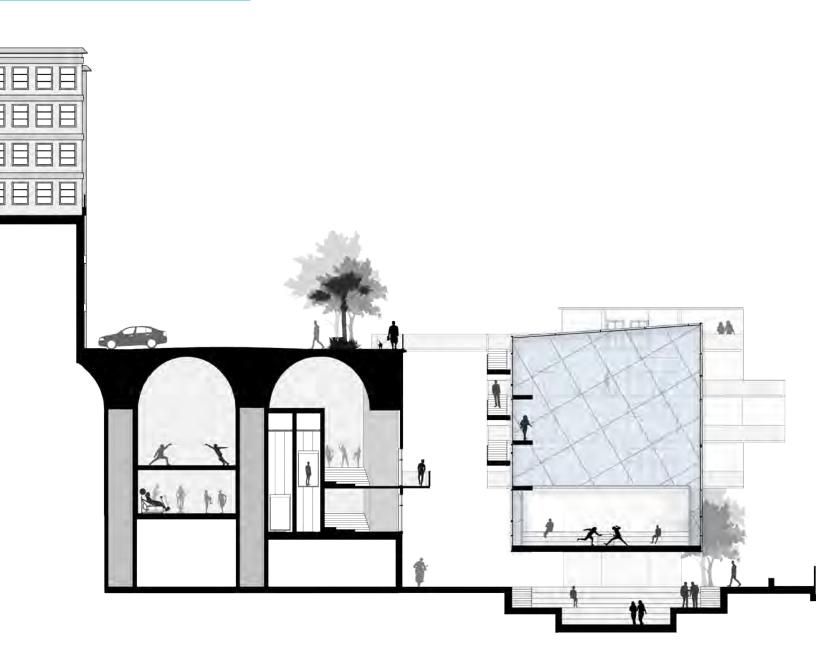


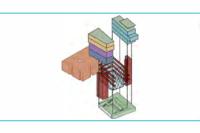


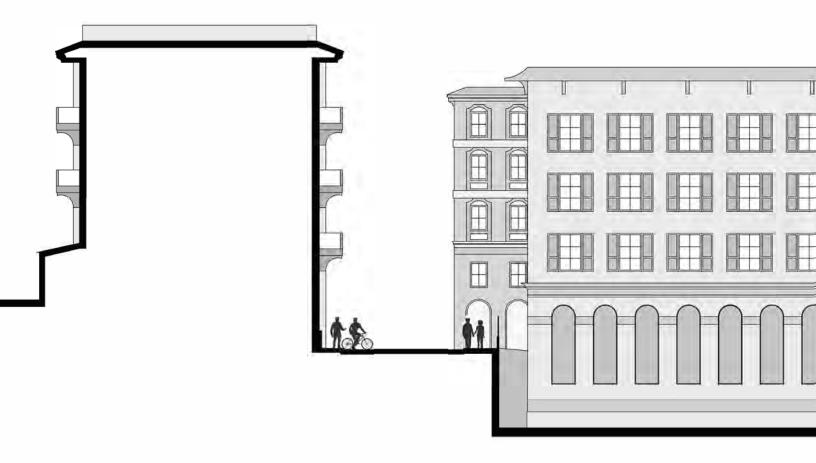


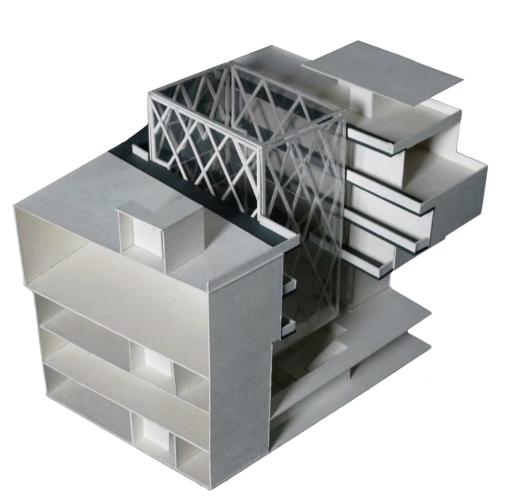




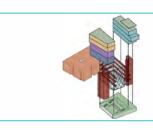


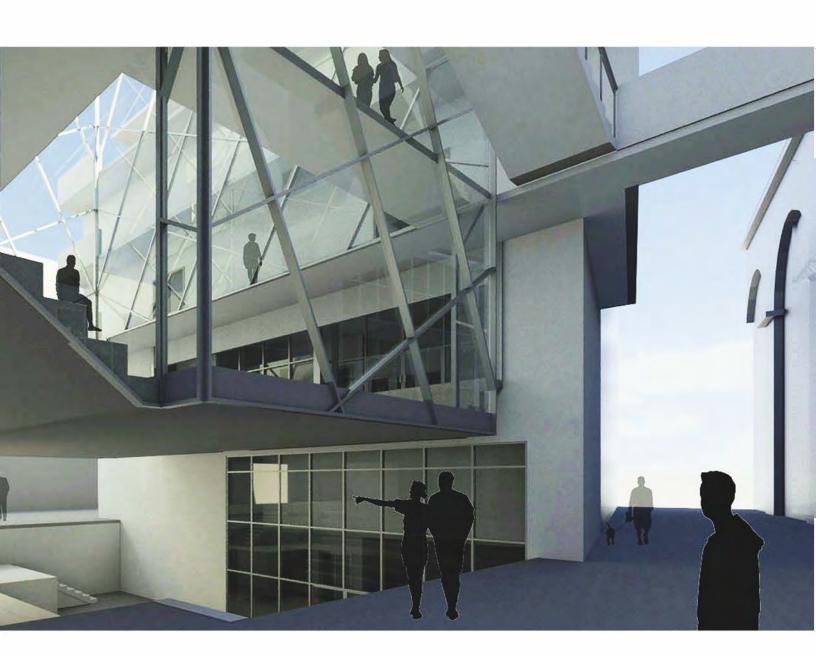






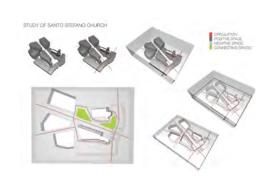


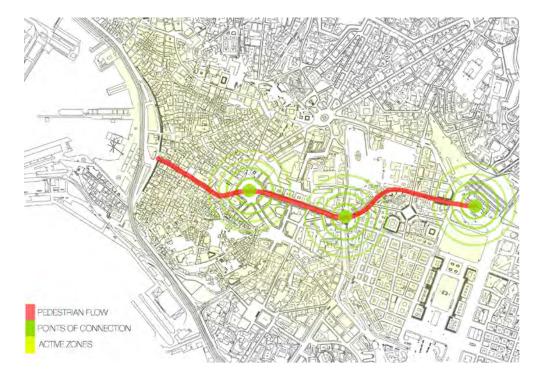




VALERIA FOSSI + DANIEL RODRIGUEZ // D10

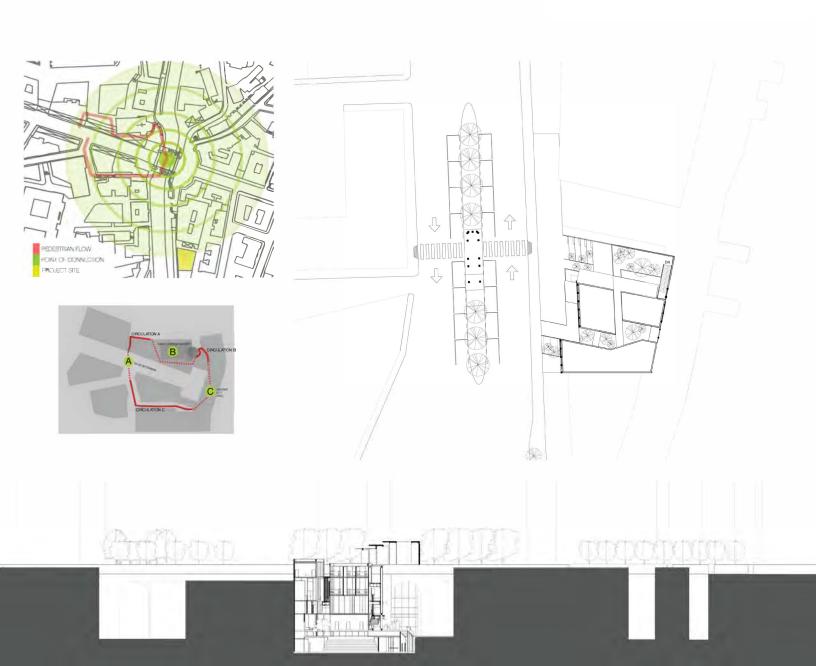
- **Computer-Generated Diagram**
- Hand-Drawn Sketch
- Site Master Plan С
- **Computer-Generated Diagram**
- Hand-Drawn Sketch
- **Detailed Section Model**
- **Site Cross-Section**
- Final Model
- **Longitudinal Section**
- Cross-Section
- **Entry-Level Plan**
- Final Critique
- Interior Rendering Street-View Rendering
- **Exterior Rendering**
- **Overall Rendering**

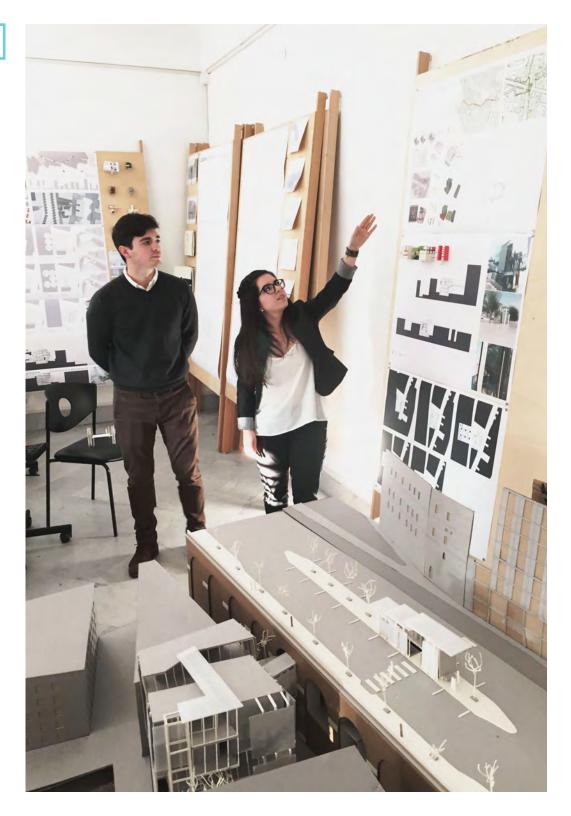




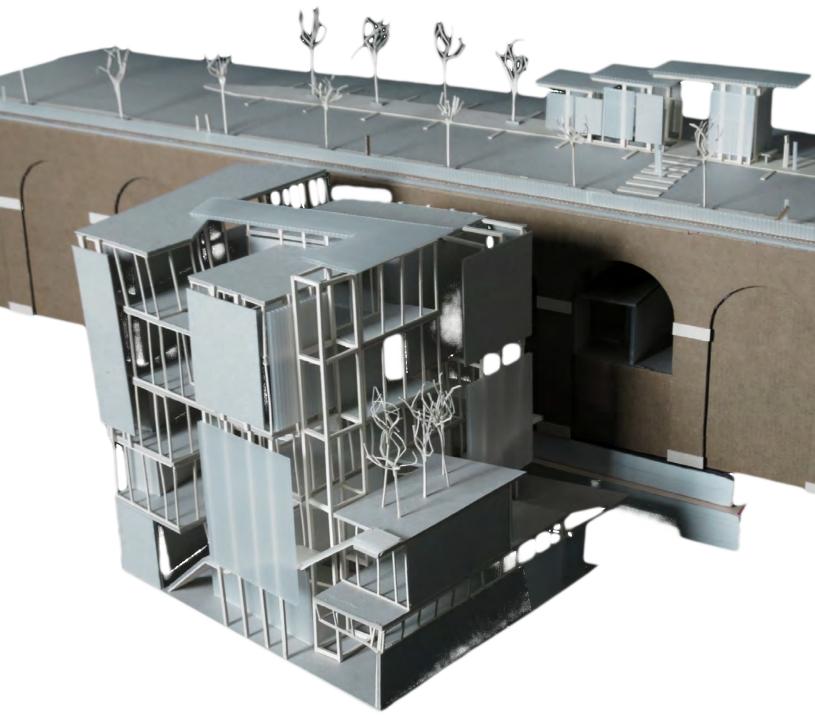










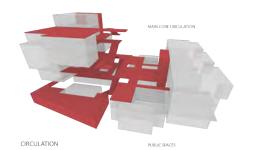


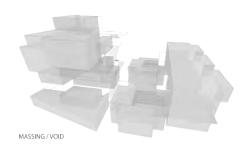


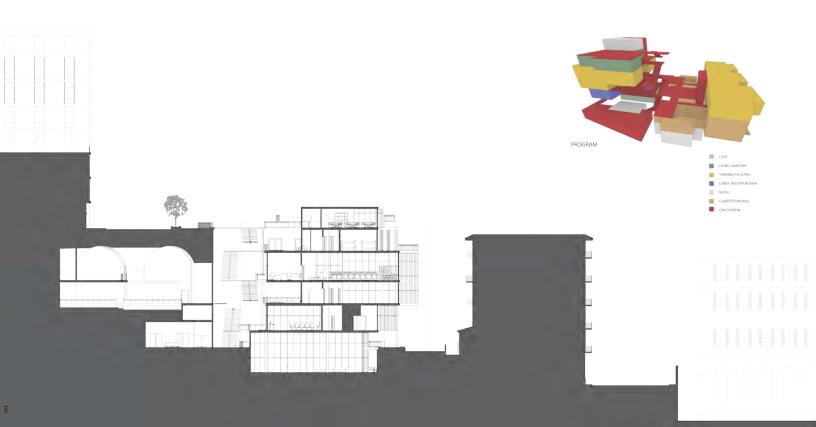


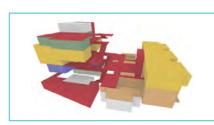
MARIA SOL RIVERA + LUIS MARENCO // D10

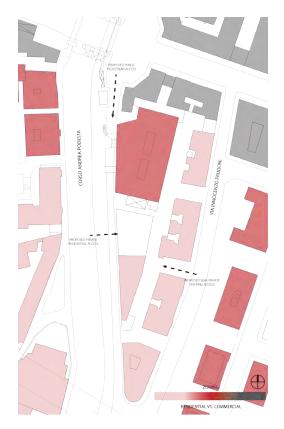
- Site Master Plan
- **Computer-Generated Analysis of Site**
- Hand-Drawn Perspectives С
- **Detailed Section Model** D
- Ε **Site Cross-Section**
- Final Model
- **Programmatic Cross-Section**
- Circulation Axonometric Diagram Entry-Level Plan
- Ι
- Final Critique Final Critique
- **Detailed Section Model**





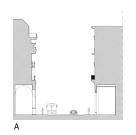








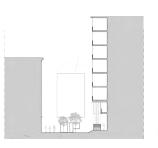








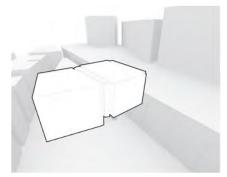




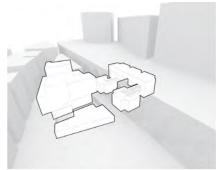


114 CREATIVE

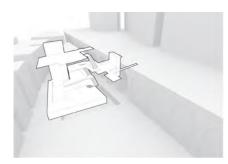
PROCESS



VARIATION A: MASSING STUDY // 3 COMPONENTS

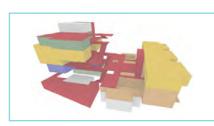


VARIATION B: VOIDS // PROGRAM



VARIATION C: CIRCULATION CORE // PUBLIC PIAZZAS





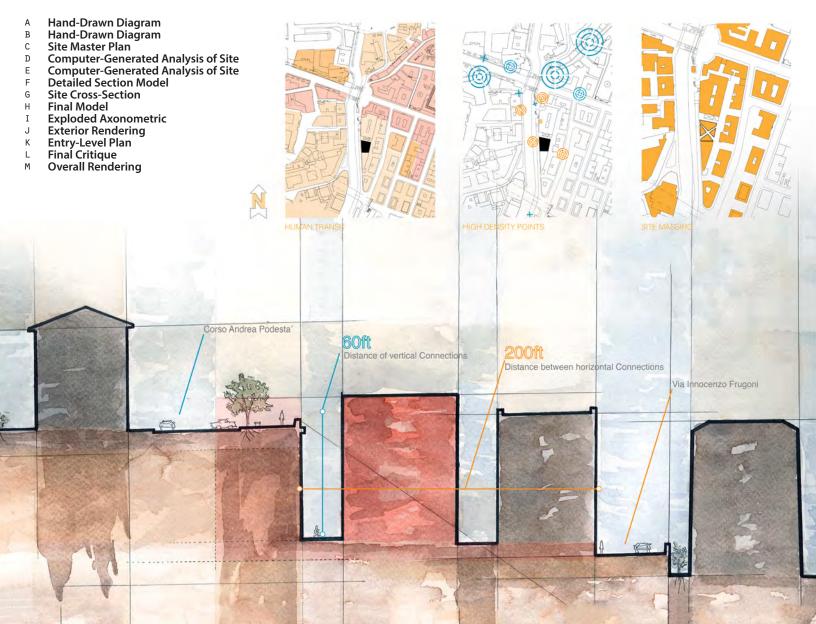


Ι

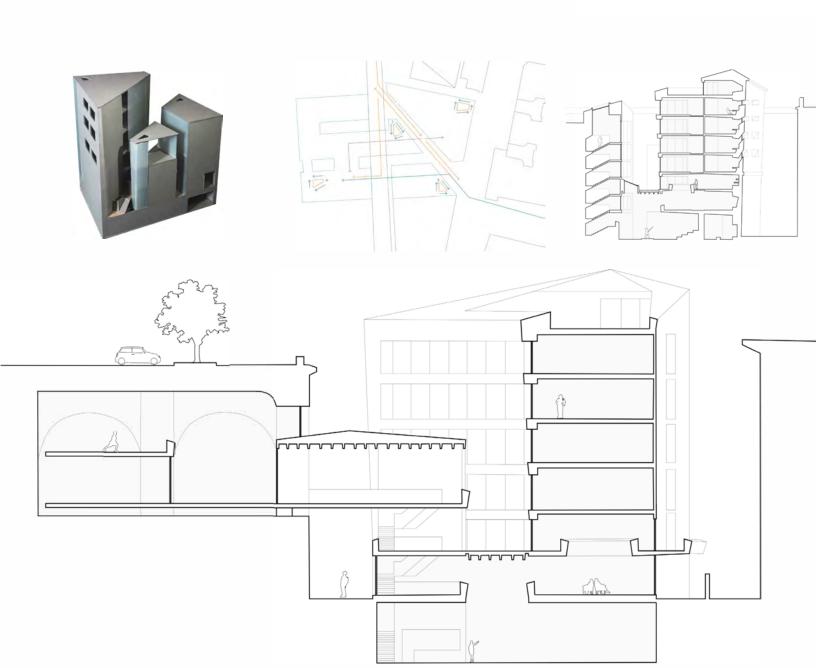


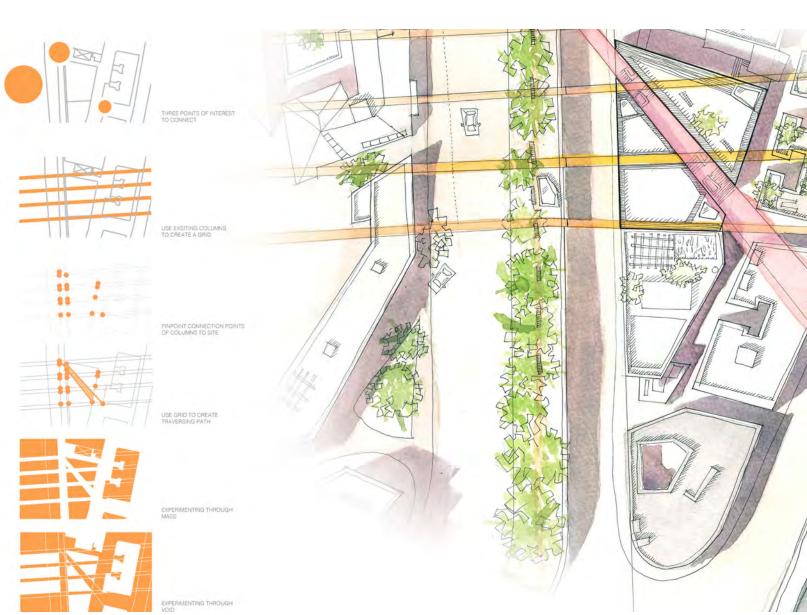


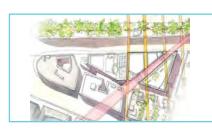
NICOLAS VASQUEZ + MARIA MOYANO / D08



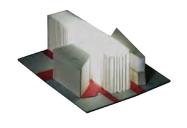






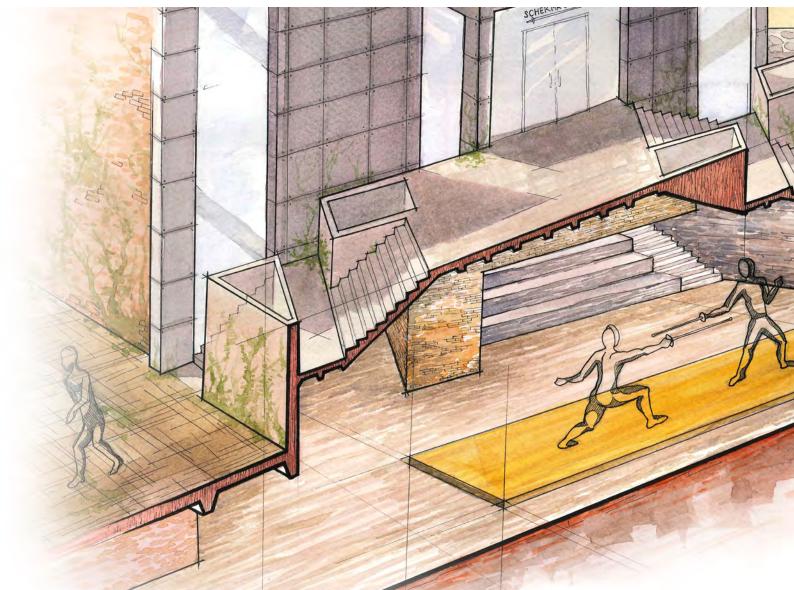


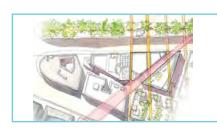




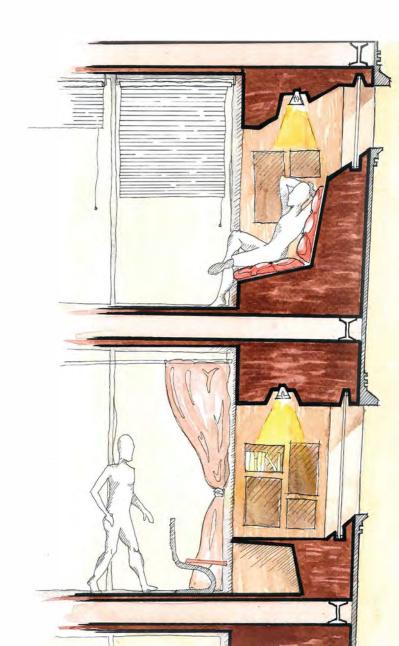




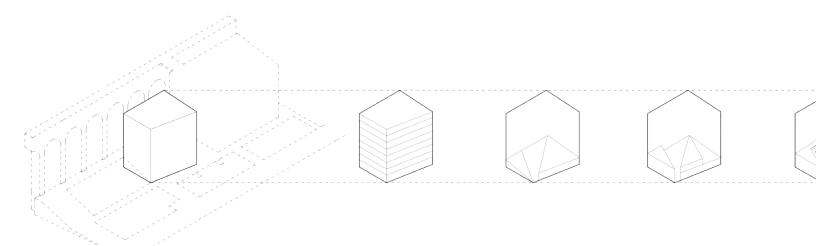




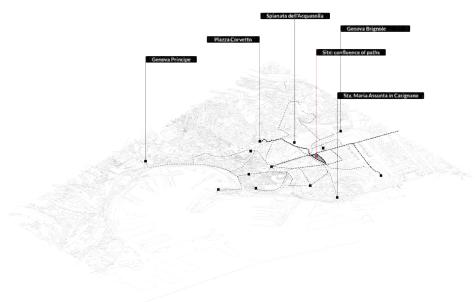




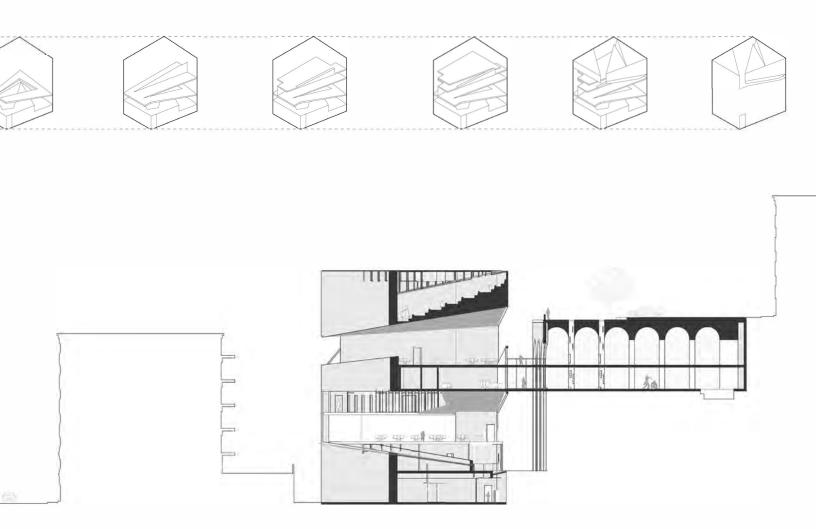
BRIAN RIVERA + JESSICA SUAREZ / D08

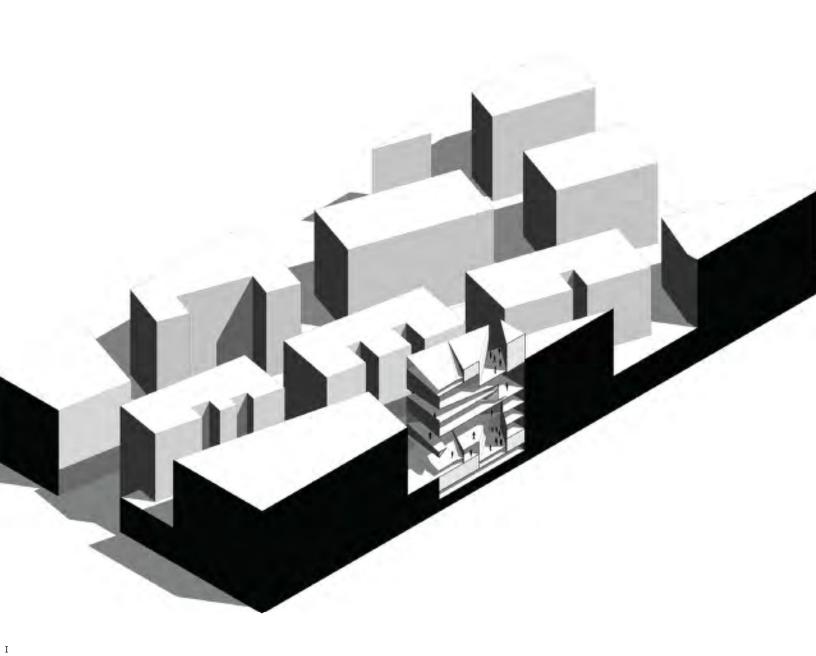


- Computer-Generated Analysis of Site Computer-Generated Analysis of Site
- Site Master Plan
- Computer-Generated Analysis of Site Computer-Generated Analysis of Site
- Photographing Final Models
- Detailed Section Model
- **Site Longitudinal Section**
- Final Model
- **Hand-Drawn Sketches**
- **Longitudinal Section**
- Cross-Section
- **Entry-Level Rendering**
- **Entry-Level Plan**
- Final Critique
- Interior Rendering

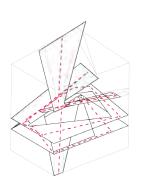


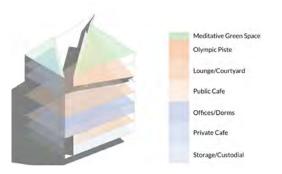




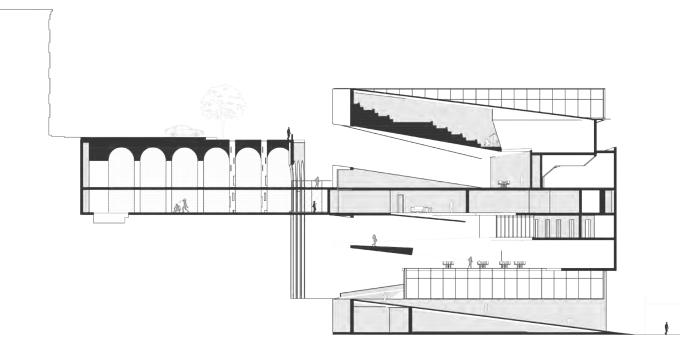


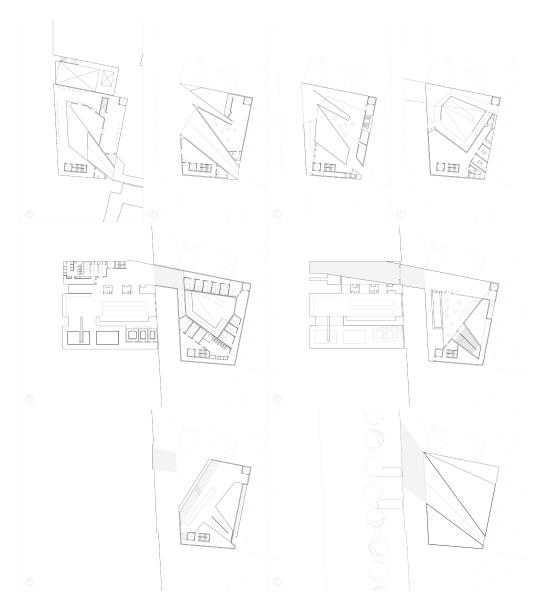




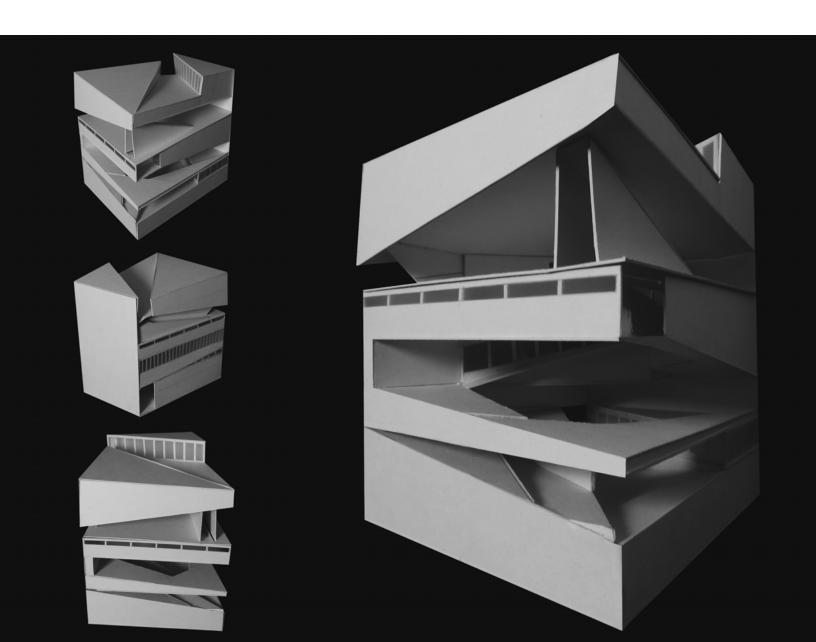








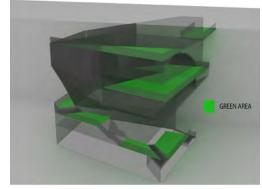


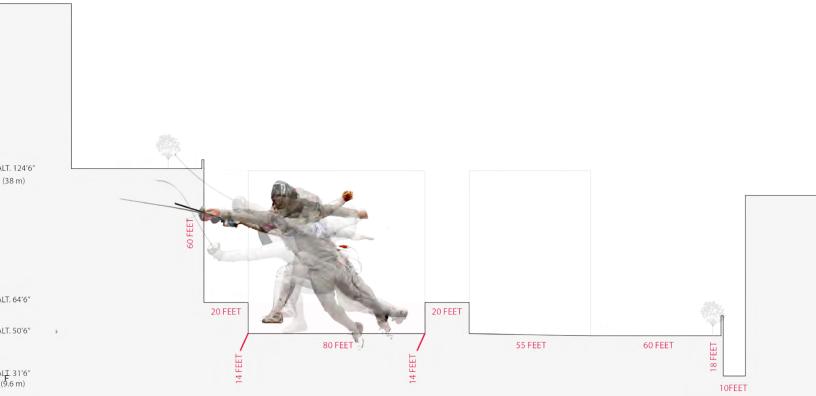


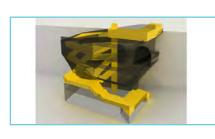
ADAM MEDAL + SHARON FARINA / D10

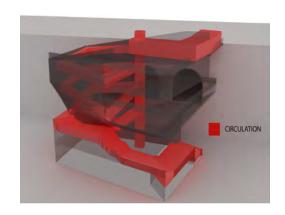
- Site Master Plan with Program
- В Site Master Plan
- С
- Circulation Plan Diagram Circulation Plan Diagram Entry-Level Plan Site Cross-Section D
- Ε

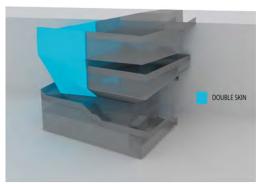


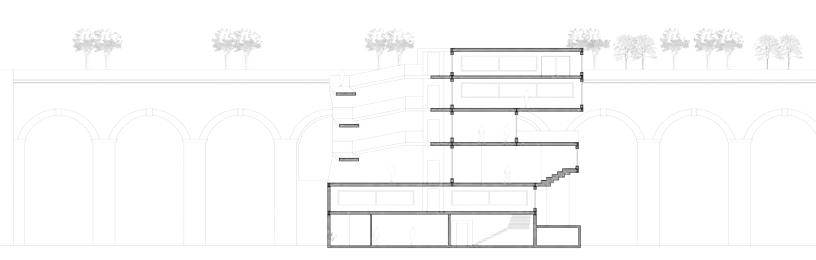






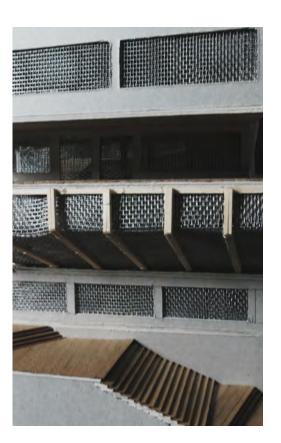






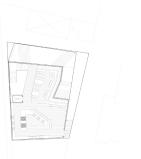
132 CREATIVE

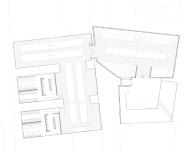


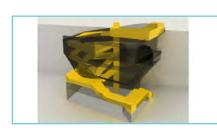










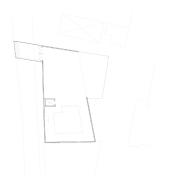




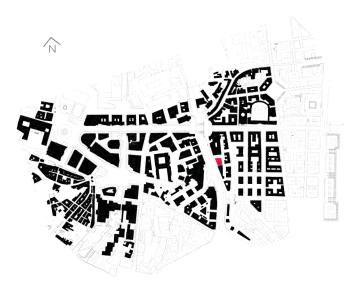
Ι

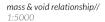






ANA MARIA REYES + RAFAEL ROCHA / D08







pedestrian path// commercial

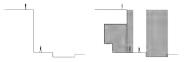


pedestrian

- **Site Analysis Diagrams**
- Section Concept Diagrams В
- Program Axonometric Diagram Detail Section Model С
- D
- **Final Critique** Ε

Α

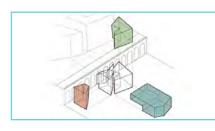
- Interior Rendering
- **Exterior Rendering**
- Entry Level Plan Longitudinal Section
- Final Model

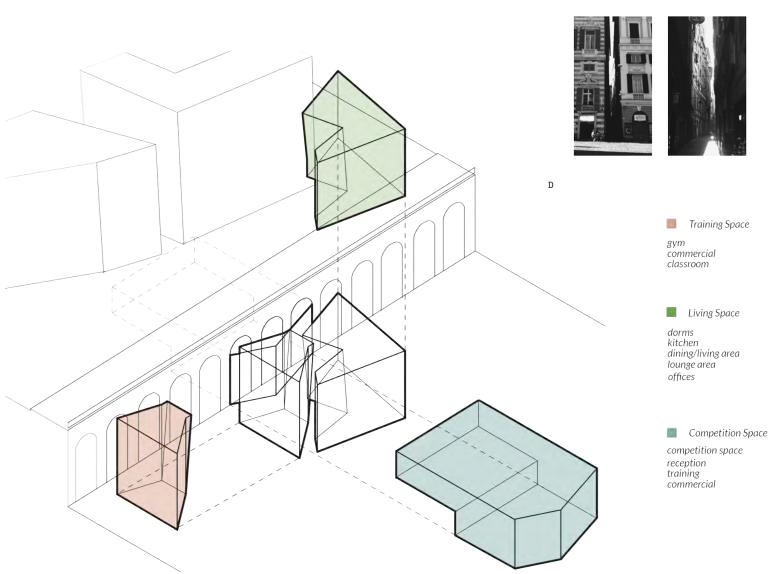


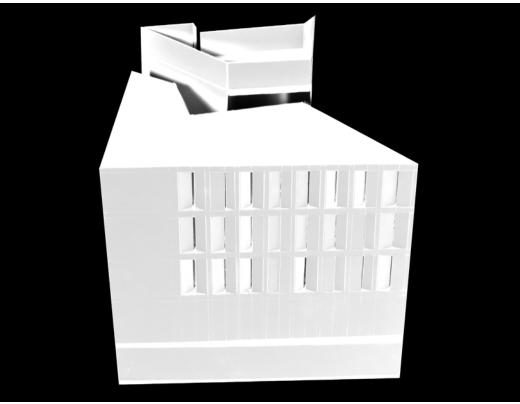








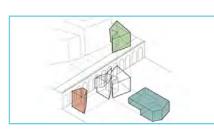


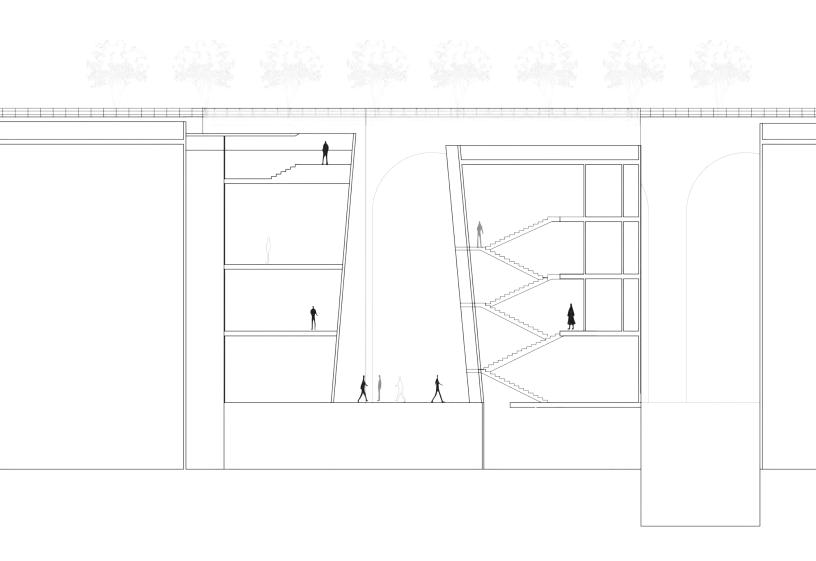




E

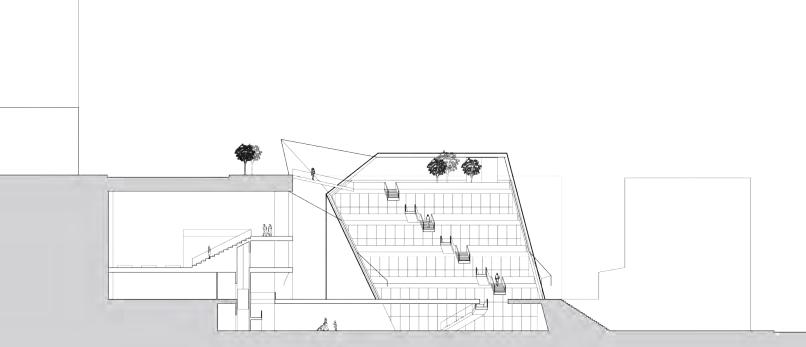
G



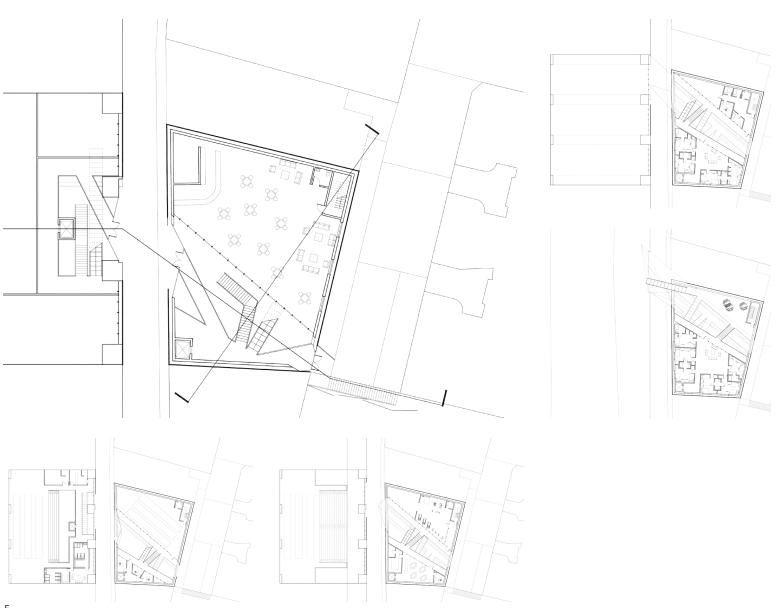


MARIA PAGLIA + MIKE PEISEL / D08

- Computer-Generated Site Analysis Hand-Drawn Concept Sketches
- Site Master Plan С
- Site Cross-Section
- Site Longitudinal Section Final Model
- **Final Critique**
- Longitudinal Section
- Detail Section Model
- **Entry Level Plan**



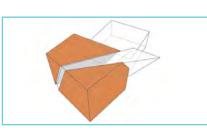


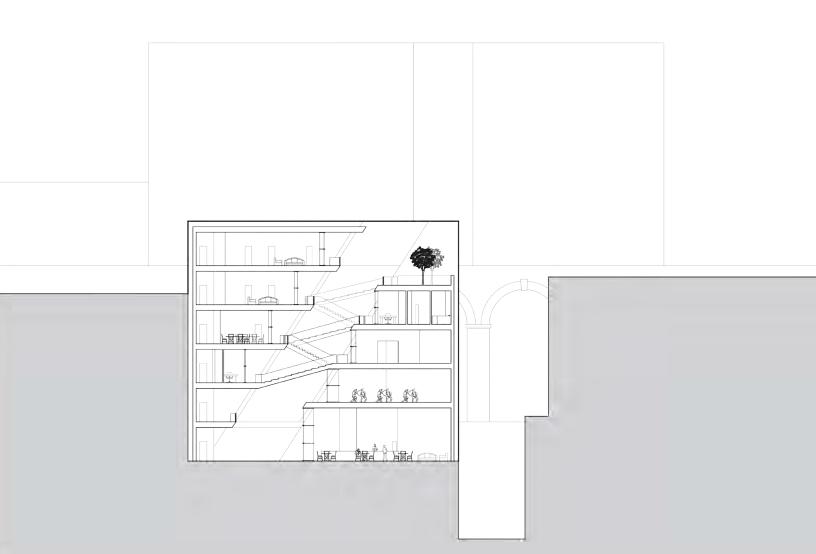








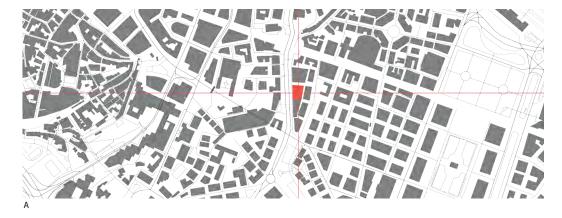


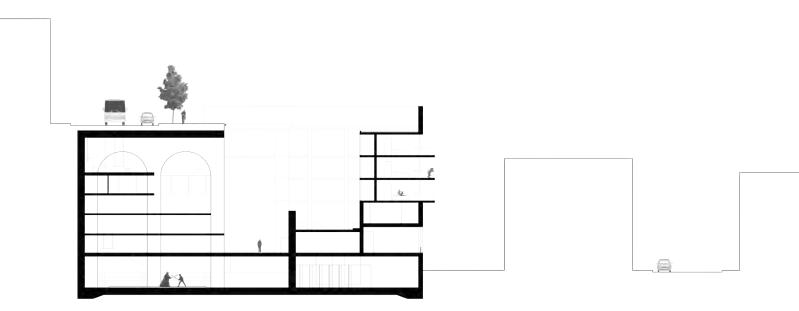


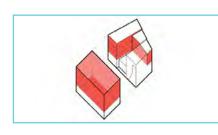
PEDRO MUNARRIZ / D08

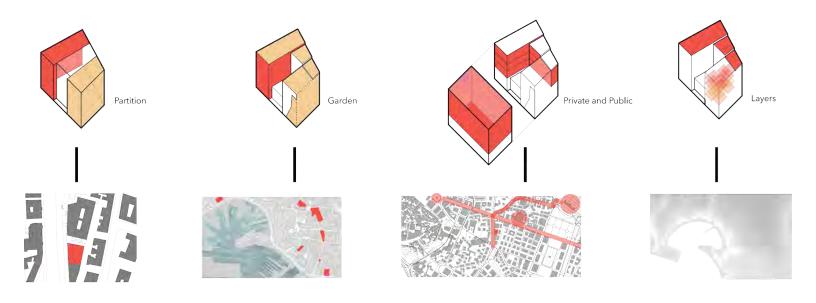
- Computer-Generated Site Analysis Site Master Plan
- С
- Concept Diagram Exploded Axonometric Final Model D
- Site Cross-Section Final Critique

- Exterior Rendering
 Longitudinal Section Program Analysis
- Cross-Section
- **Entry-Level Plan**

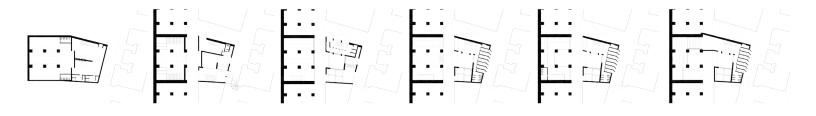








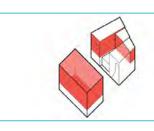
D



144 CREATIVE



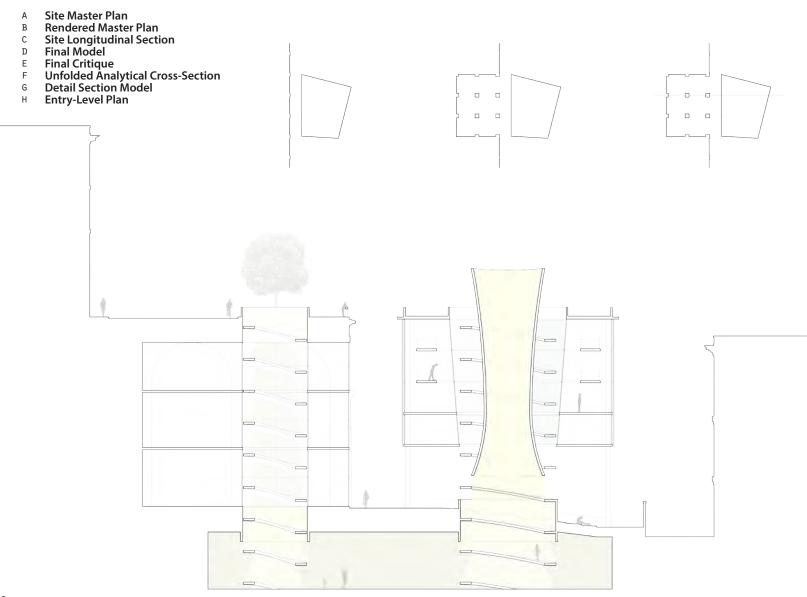


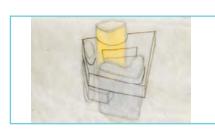


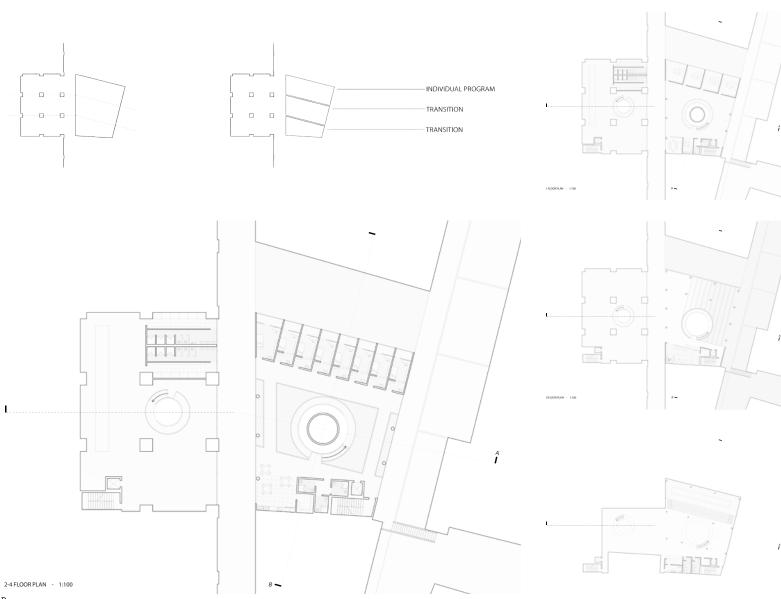




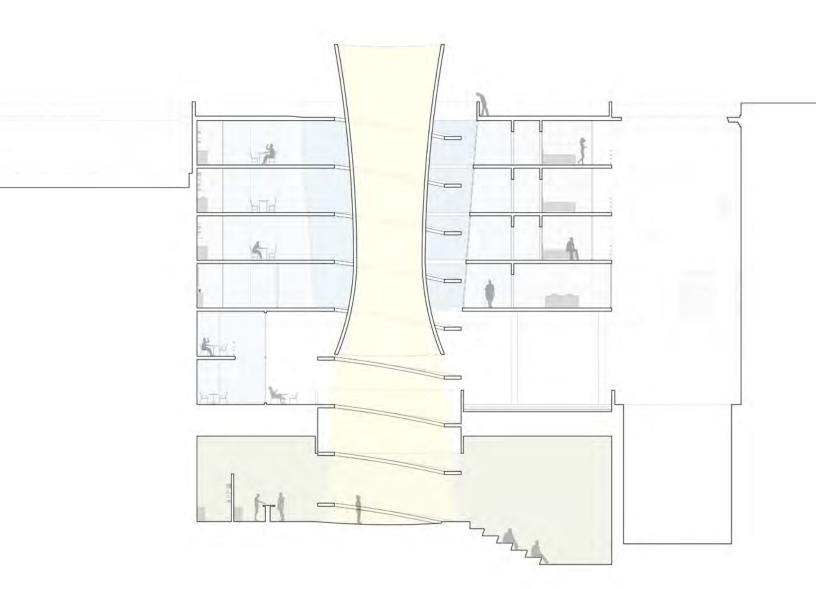
CHRISTOPHER GONGORA / D08

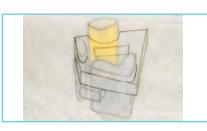


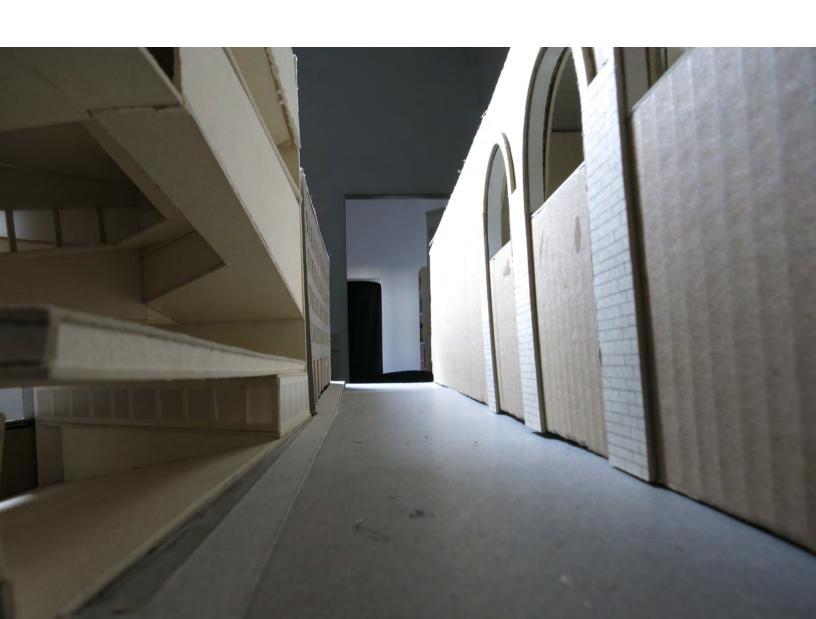




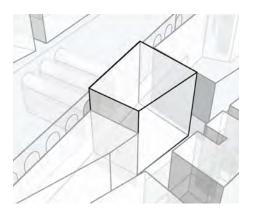
D

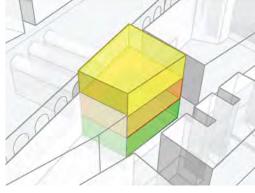


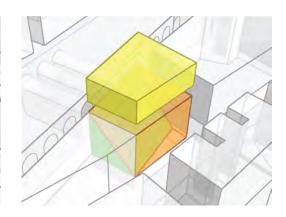




MATHEW KAPLAN / D10

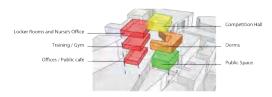






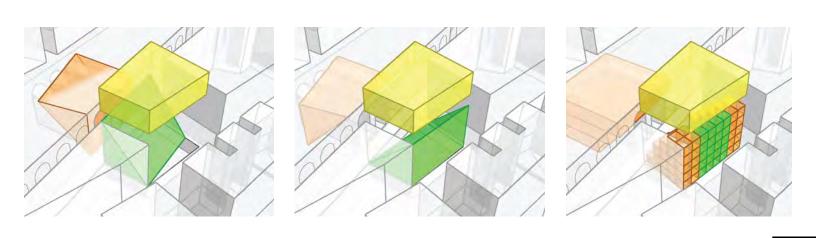
- Site Master Plan
- **Aerial View of Master Plan**
- **Overall Rendering**
- Detail Section Model
- **Site Cross-Section**

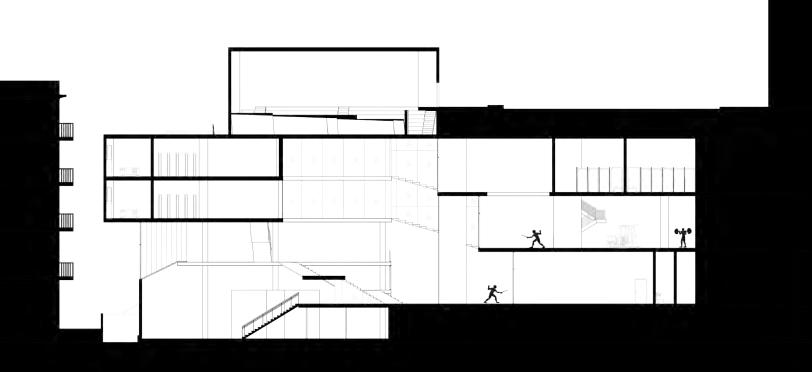
- Final Critique Interior Rendering
- Exterior Rendering Entry-Level Plan

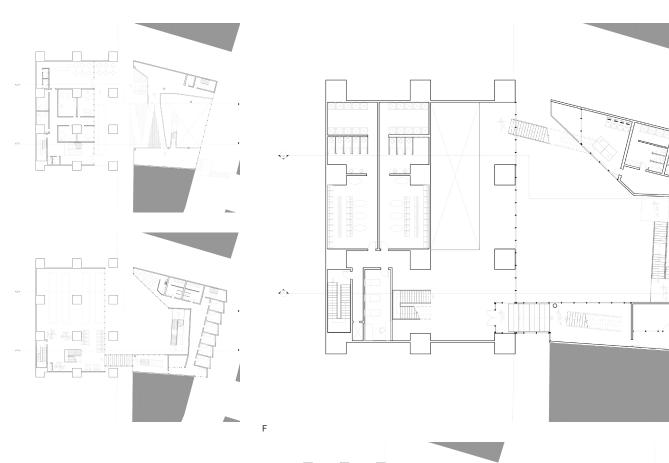


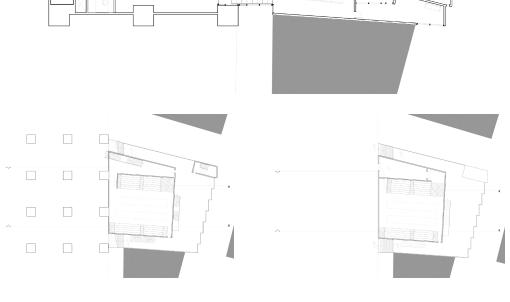




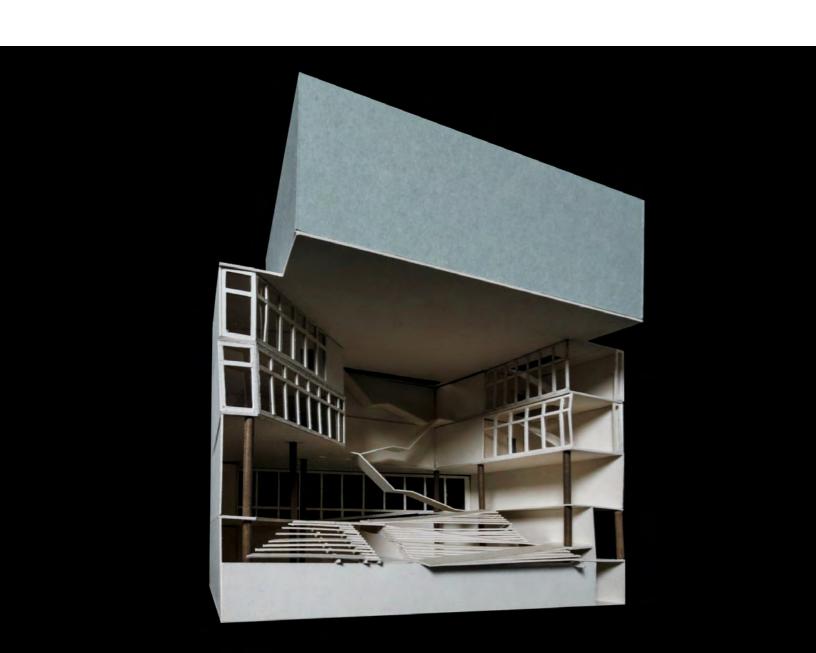










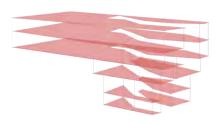


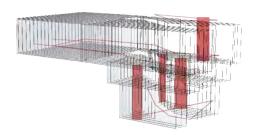
NATALIA MONTANA / D08

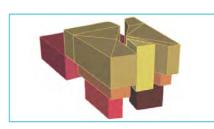
- Site Master Plan Site Analysis Diagram В
- Analysis Diagrams + Concept Sketches Program Axonometric Diagram Circulation Axonometric Diagram С
- D

- Site Cross-Section Final Critique Overall Rendering Longitudinal Section
- Cross-section
- Entry Level Rendering Exterior Rendering
- **Entry-Level Plan**





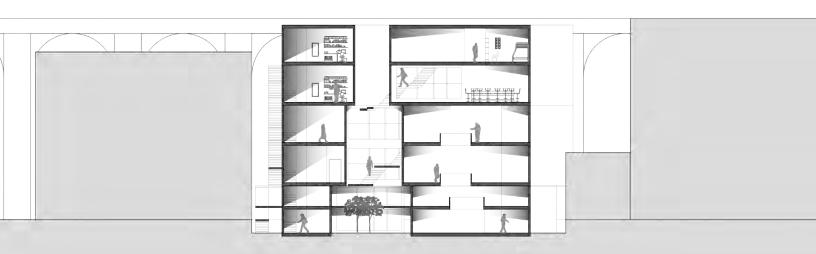




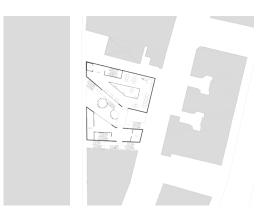


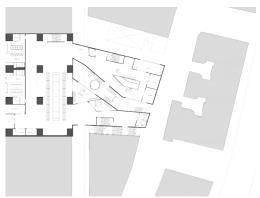


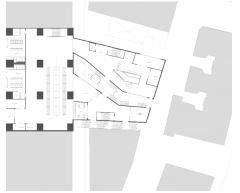


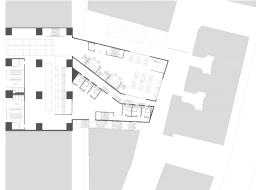


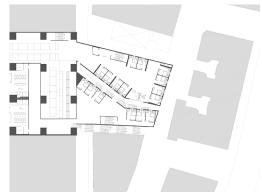




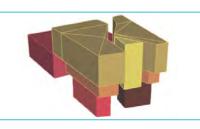








G





The study abroad in Genoa brought me out of my comfort zone and into something I did not know existed, something out of a book.

-Michael Drew

F I U G E N 1 6

0 5 C 0 5 C **НИНИИНИ**МИНИНИ МИНИНИ МИНИ МИНИНИ МИНИНИ МИНИНИ МИНИНИ МИНИНИ МИНИНИ МИНИНИ МИНИ МИНИНИ H 5 / H 5 / H 5 / $Q \leq C Q \leq C$ **НШНИМИ** H 5 / H 5 / H 5 / $Q \leq C Q \leq C$ **НШННШНН** H 5 / H 5 / H 5 / $Q \leq C Q \leq C$ **НШННШНН** H 5 / H 5 / H 5 /

0 5 C 0 5 C **НИНИИНИ** H 6 / H 6 / H 6 / 0 5 C 0 5 C **НИНИНИ НИ Н И** H 6 / H 6 / H 6 / 0 5 C 0 5 C **НШННИНЫ** H 5 / H 5 / H 5 / $Q \leq C Q \leq C$ H 5 / H 5 / H 5 /