

Julio Rodas
Selected Works

JULIO RODAS

10555 Woodruff ave Downey,
CA 9024
(317) 373-7388

rodasjulio1995@yahoo.com

PURPOSE	Recent graduate seeking employment in a culturally invested architecture practice		
EDUCATION	California State Polytechnic University Pomona	2016- 2021	
	Bachelor of Architecture (B.ARCH)	GPA 3.48	
	Rio Hondo Community Collage	2014- 2016	
	Associate in Arts Degree in General Studies	GPA 3.85	
ACADEMIC AWARDS/ ACCOLADES			
	CBDX: Borderlands International Competition Finalist	2021	
	Design Awards Recipient AIA Inland California	2021	
	Outstanding Student Senior Project Cal Poly Pomona	2021	
	Design Awards Recipient AIA Long Beach/ South Bay	2021	
	NOMAS Member	2020-present	
	Design Village Competition at SLO Best in show and Peoples choice	2019	
	ASEA’s 51st Annual Award 2nd place Project design competition	2015	
	Winner in BIA of Southern California Architecture competition	2012 and 2013	
PROFESSIONAL EXPERIENCE			
	Citrus College Teaching	2023 - Present	
	Openscope Studio	2022 - 2024	
	John Cataldo Architects	2021 - 2022	
	Wendy Gilmartin Architects	2021 - 2022	
	Brooks + Scarpa	2019	
	Bureau Spectacular	2018	
	Machine Inspired Art	2017	
SKILLS	Rhino	Model making / Fabricating	
	Auto CAD	3D Printing/Owner	
	Sketchup	Laser Cutting/ Owner	
	Adobe Suite	Photography	
		Sketching	

ARCHITECTURE PORTFOLIO
INDEX

CAL POLY POMONA
PERSONAL WORK’S

FALLING ROCKS MODERN ART MUSEUM
PROJECT INFO
& DRAWINGS
P.2-5

WALLS, BRIDGES AND THE LA RIVER
PROJECT INFO
& DRAWINGS
P.6-13

CITRUS COLLEGE
STUDENT’S WORK

VERTICAL / HORIZONTAL
CIRCULATION
FALL 23
P. 14-19

SUPERSTUDIO AND ARCHIZOOM
ART MUSEUM
SPRING 23
P.20-27

PROFESSIONAL WORK

ALLURE AT CAMARILLO
APARTMENTS
P.28-31

MIRADA AT LA JOLLA
APARTMENTS
P.32-35

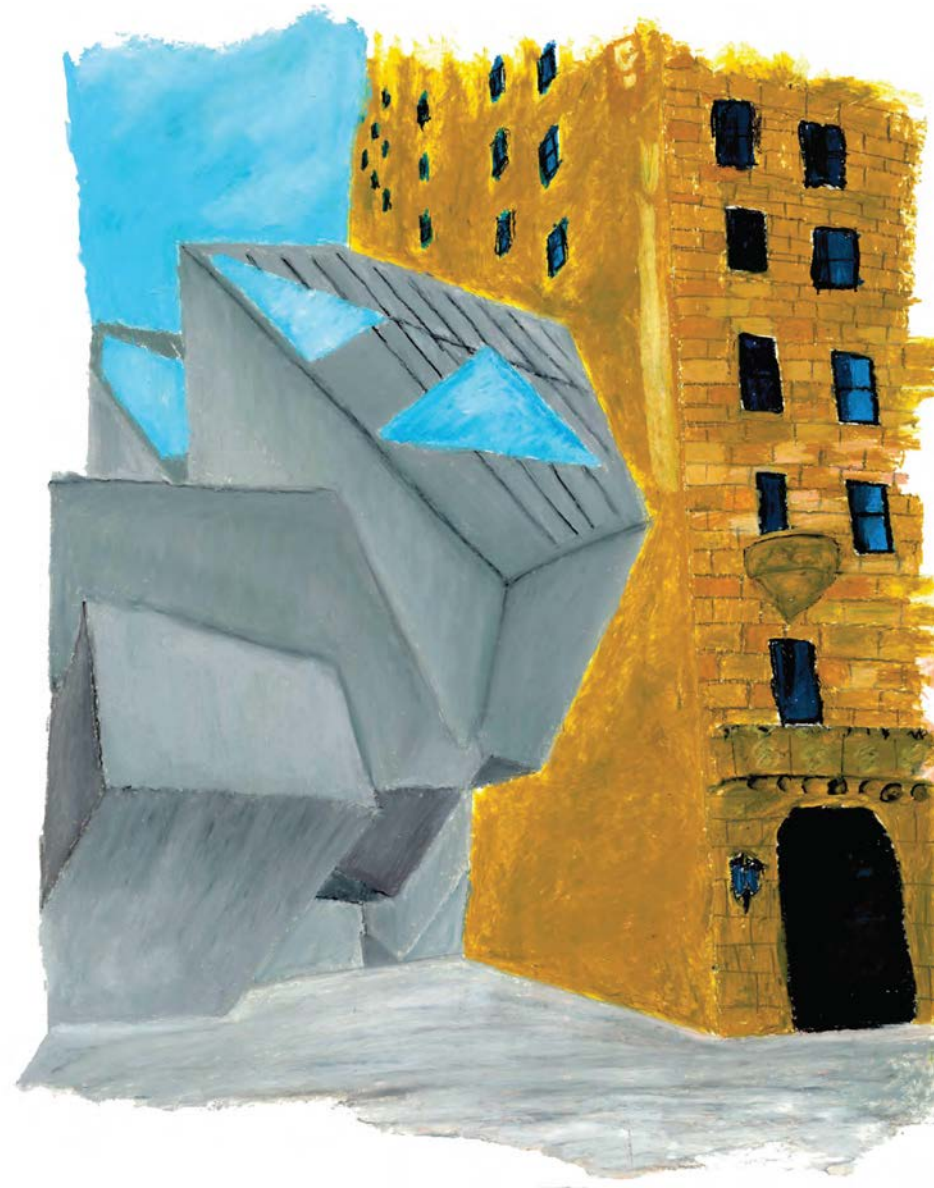


Image 1a: Oil Pastel drawing, street view

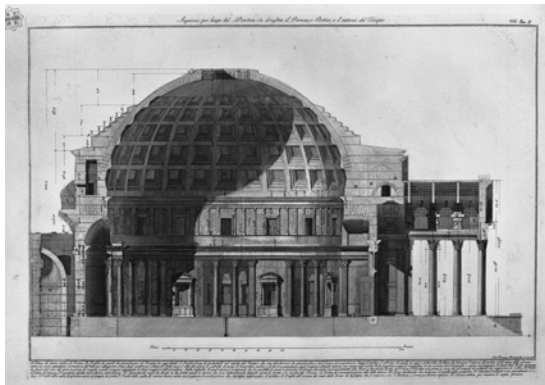


Image 2a: Illustrating the oculus/ dome of the Pantheon

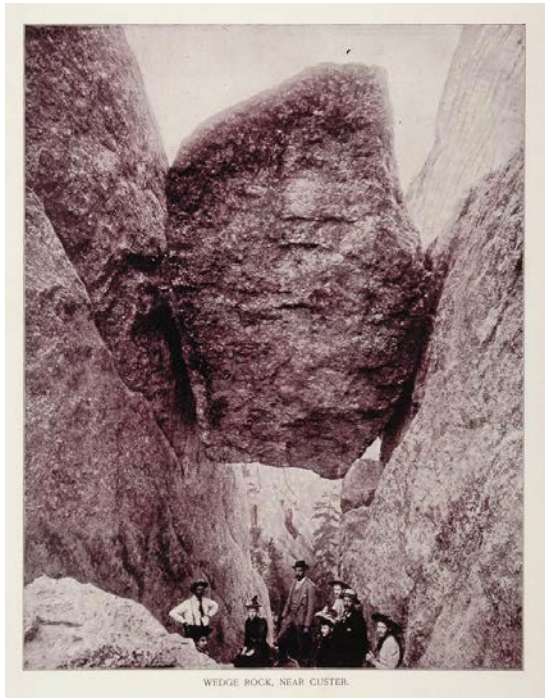


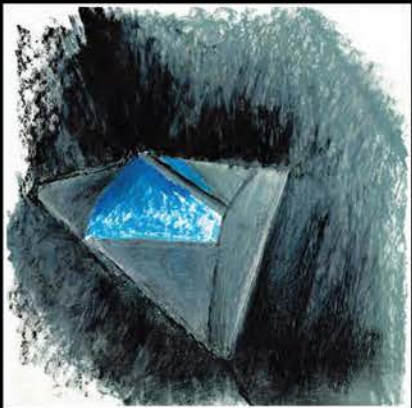
Image 3a: 1893 Wedge Rock near, Custer City South Dakota

Falling Rocks

Art Museum
 Winter 2018 | Arc 202L | Second year Design 2 | Wendy Gilmartin | Cal Poly Pomona

This project proposal is situate on Hill Street in Downtown LA, serving as a inclusive and flexible contemporary Art Museum

The project focuses on the programmatic volumes of a Museum as a means of breaking the typical typology of building. The Design of the project was conceived as programmatic volumes wedged between two existing building as means of challenging the inner outer relationships of building by freeing space and the potential to explore multi art disciplines within one space. The volumes represent a hyper density withing a micro space reflecting the macro space of DTLA, with the use of a void to serve as the public space or common space, circulating at the hearth of the project.



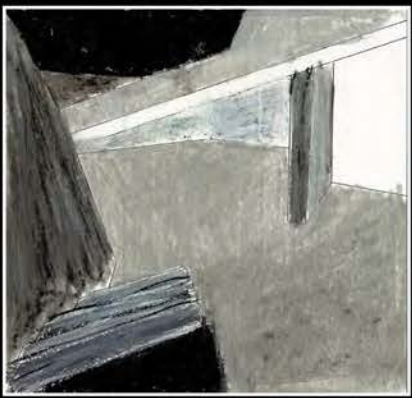
The Void



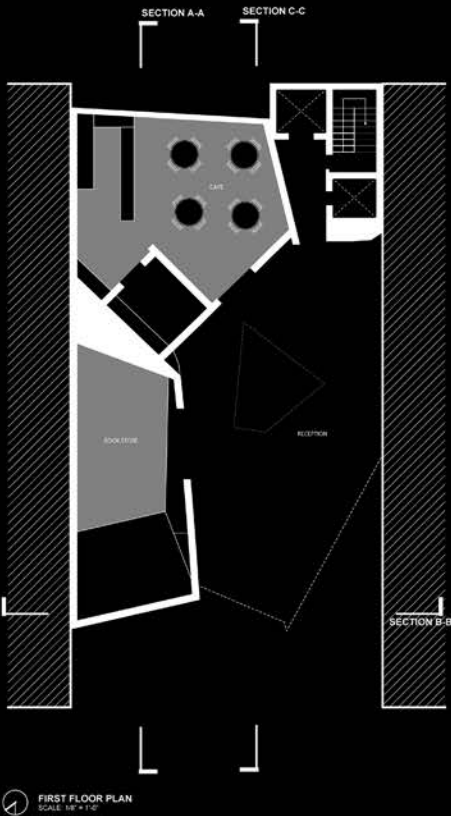
The Auditorium



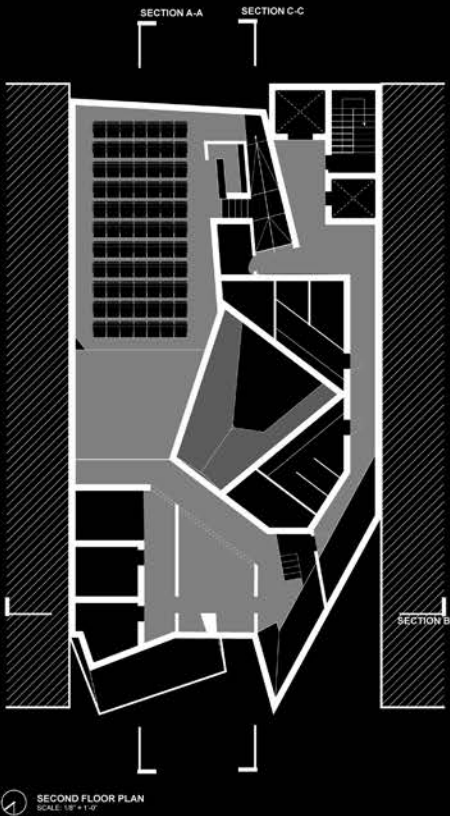
The View



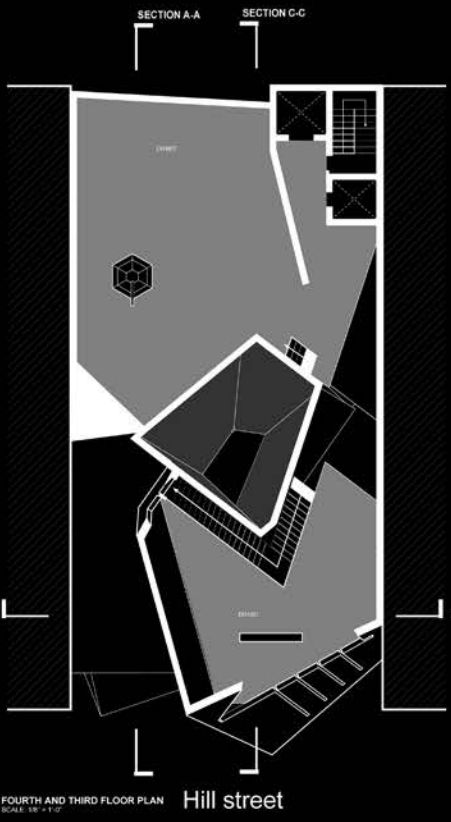
The Exhibit



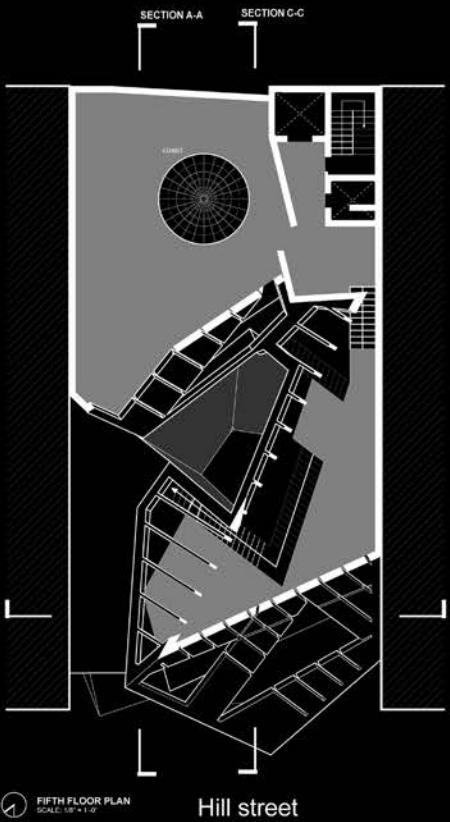
FIRST FLOOR PLAN
 SCALE: 1/8" = 1'-0"



SECOND FLOOR PLAN
 SCALE: 1/8" = 1'-0"



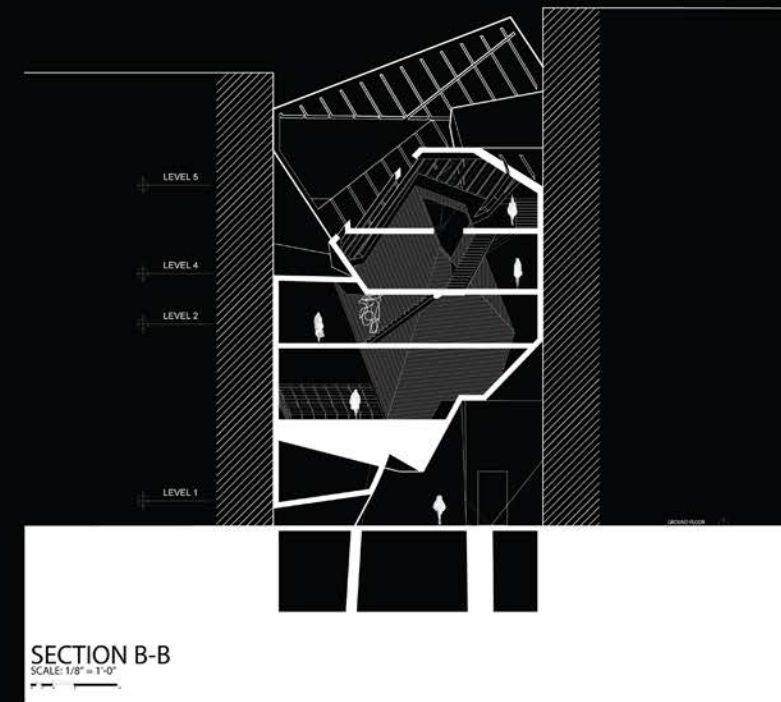
FOURTH AND THIRD FLOOR PLAN
 SCALE: 1/8" = 1'-0"



FIFTH FLOOR PLAN
 SCALE: 1/8" = 1'-0"



Side View



Front



Back

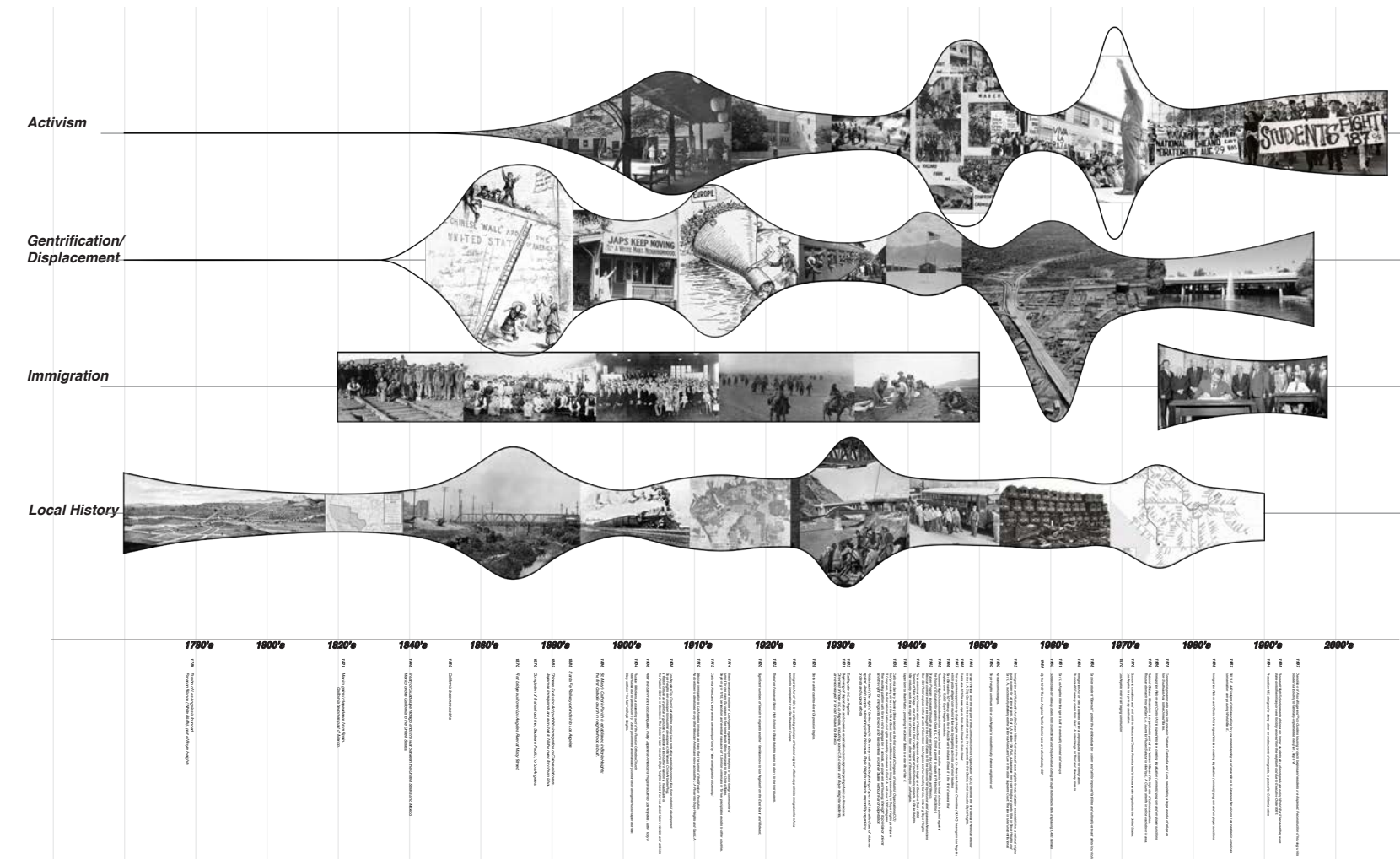


Top View



Side View





Drawing 1b: Site context time line diagramming Activism, Gentrification/Displacement, immigration, and Local History.

Walls, Bridges and The LA River

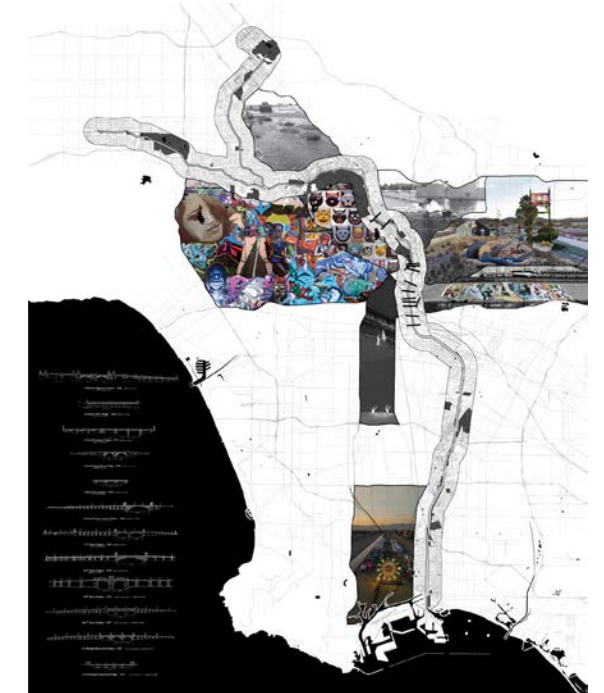
STEM Center
Senior thesis I Wendy Gilmartin I Cal Poly Pomona

This project proposal is situate in Boyle Heights, serving as a STEM center comprised of multi disciplinarians, programs such visual arts, dance, performing arts, film and video. The design and development of the program is comprised of a series of elements home to Boyle height such as a wall, bridges and the LA river. Each element has had a historical and contextual significance in the development of Boyle heights form LA river providing the main source water for generation giving birth to the city we know as Los Angeles, to the twelve historical bridges of Los Angeles connecting the big city to its suburbs and the walls/ dividers that ripped through the city of Boyle heights with the construction of the East LA interchange.

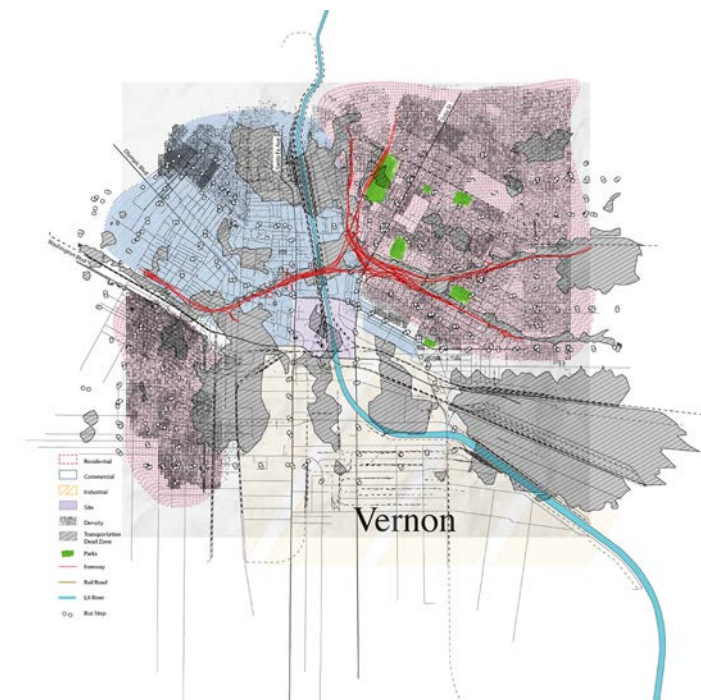
This project focuses on these contextual elements and reinterprets there connection to the built environment. The STEM center would not serve student in academia but local artist and community members by providing tools for successes to the next generations of students who have historically been undeserved and have been at the fore front of many social and political movements.



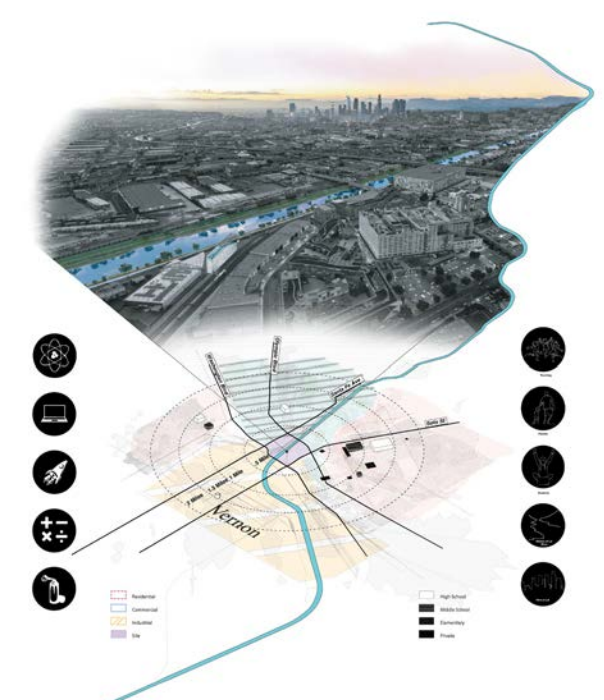
Drawing 2b: LA river map showing its destructive nature and its encasement.



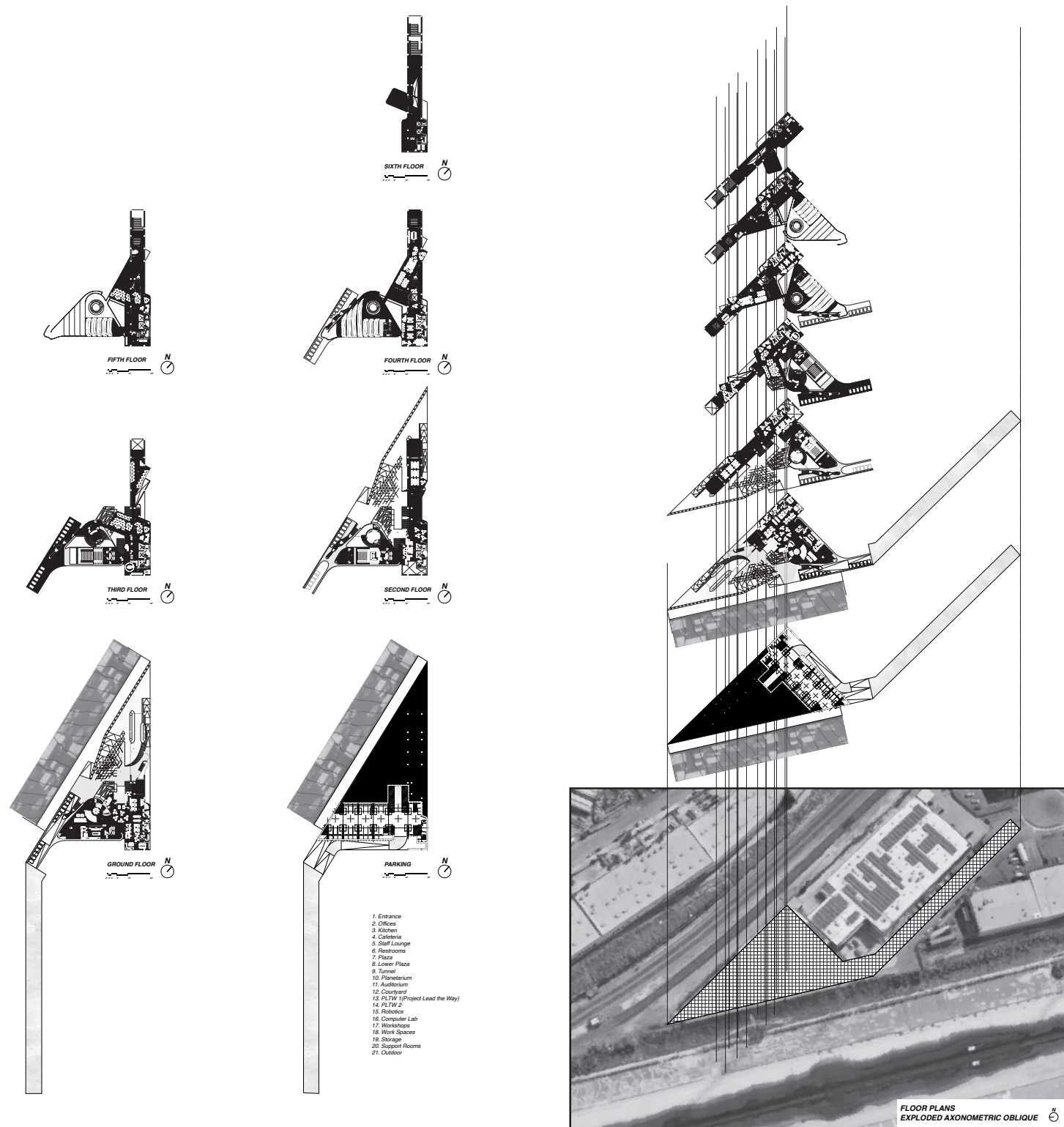
Drawing 4b: Mapping the art and 12 historical bridges along the LA river.



Drawing 3b: Site context, and mapping of industrial elements.

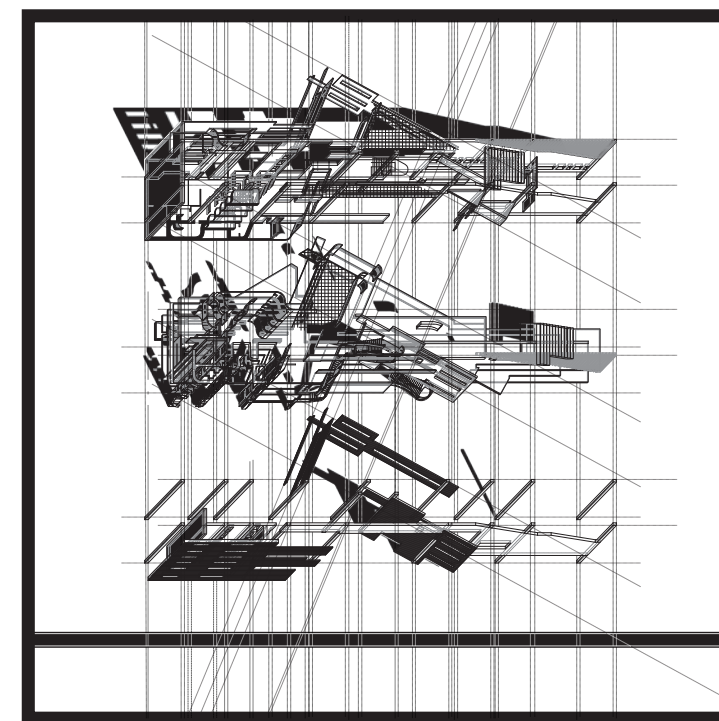


Drawing 5b: Mapping out the site context and adjacent schools while showing the sites connection to the LA river and the greater DTLA.

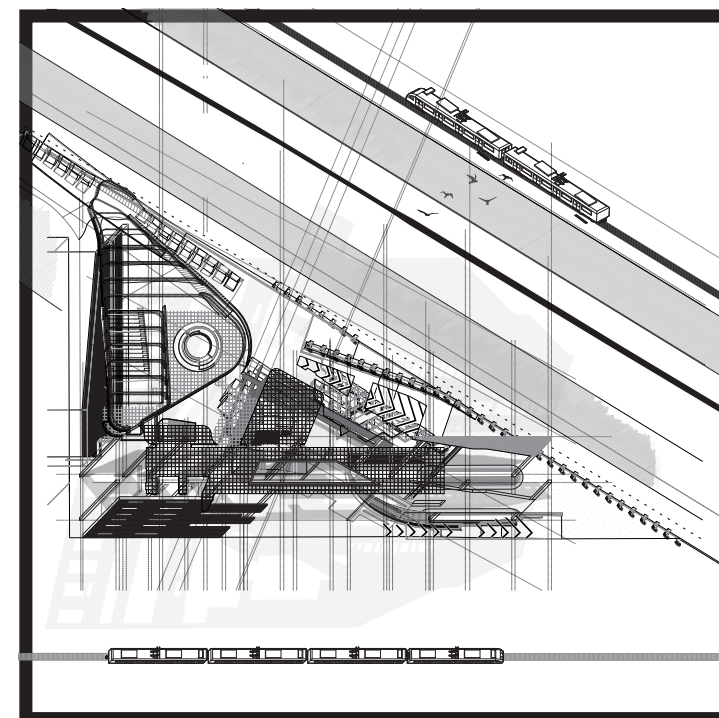


Drawing 6b: Floor plans of the Wall and Plinth.

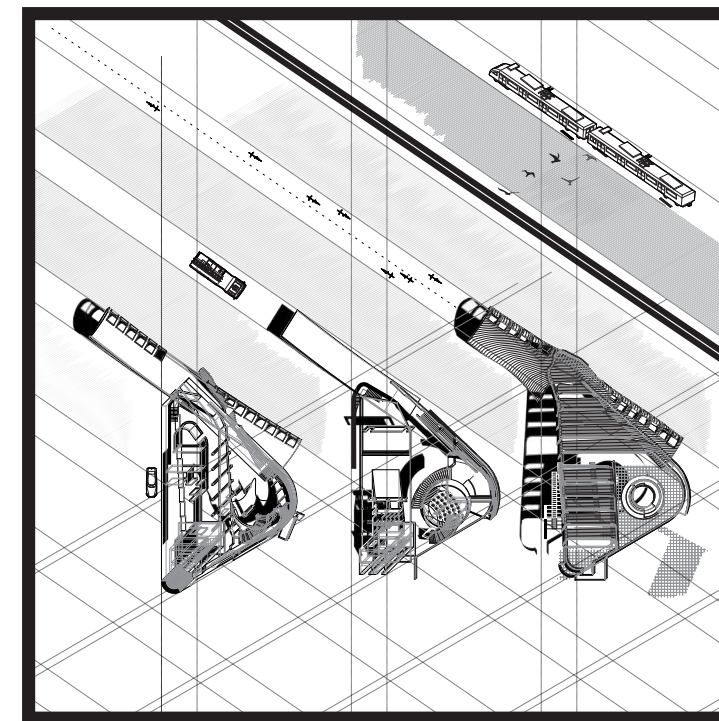
Drawing 7b: Plans relation to one another and site connections showing the site adjacency to the train tracks and river bed.



Drawing 8b: Fragmentation and displacement of the Wall.



Drawing 9b: Fragments of the Wall and Plinth



Drawing 10b: Fragmentation and displacement of the Plinth.

Drawings 7-9:

By fragmenting and displacing the plans and projecting Components. Larger moments and connection can be read and understood with a sense of movement generated by the shadow.

The Wall

- The Wall inside the Wall
- The Stair Case
- Auditorium
- Structural components

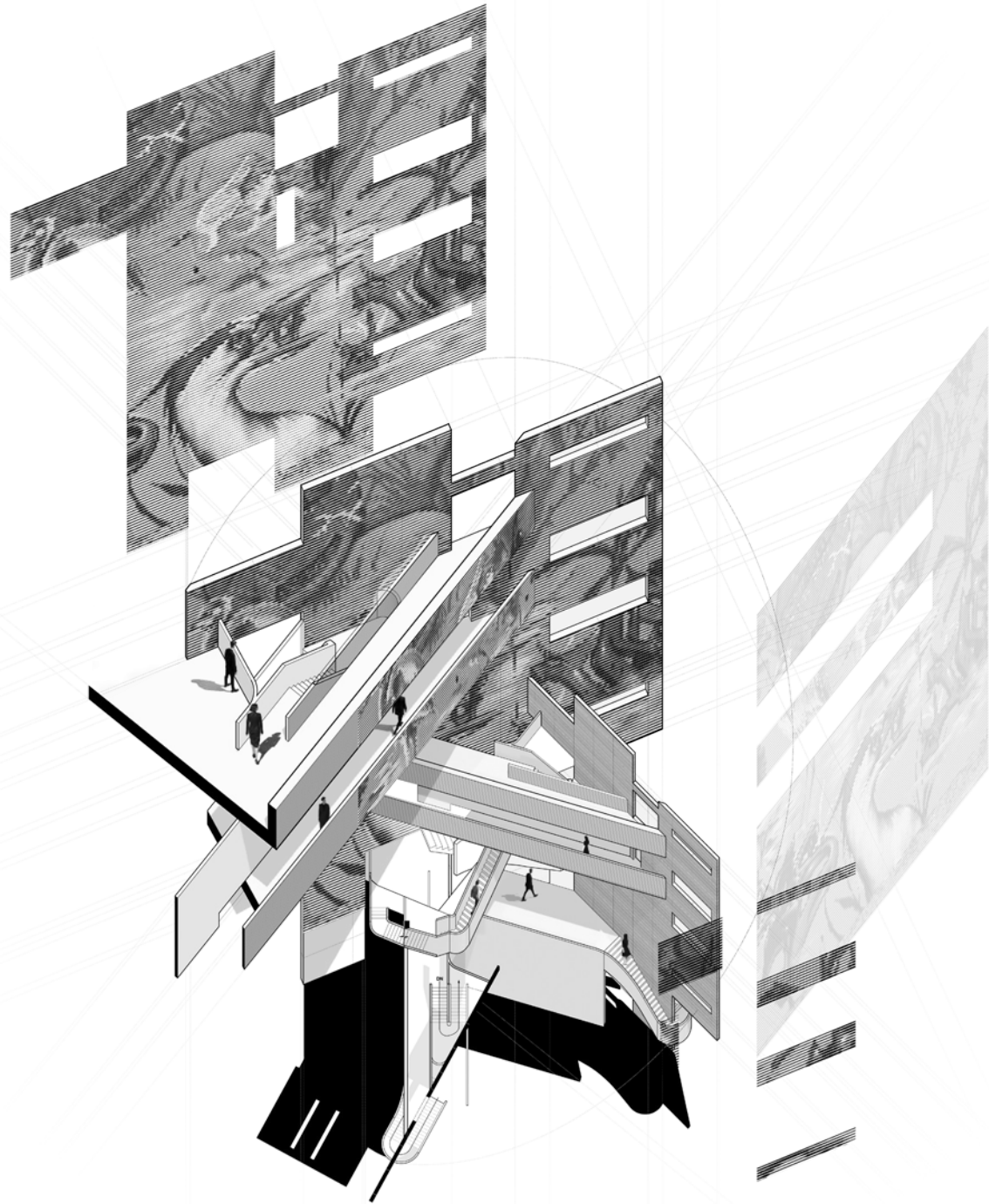
The Plinth

- Circulation around the Planetarium
- Tunnel and Mass connection to riverbed/ users
- Lighting and geometry to explore in relation to auditorium

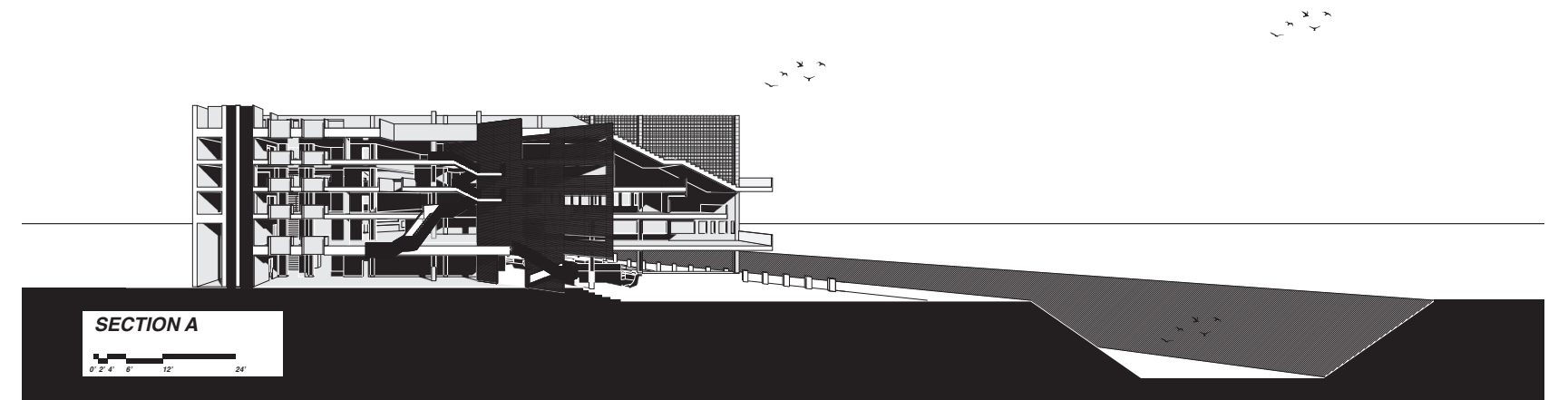
The Plaza

- Wall and plinth outdoor spaces connection to ground
- Wall casting shadow to site and to itself
- Lower plaza underpass under the wall

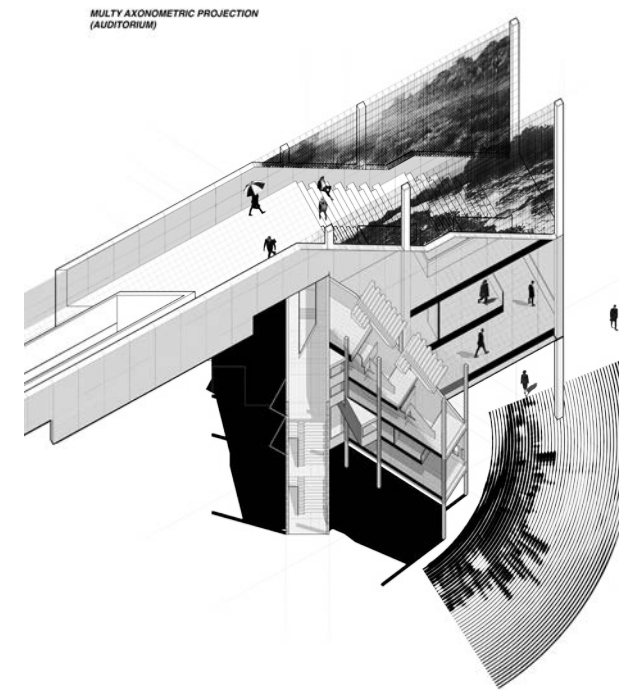
**MULTI-PROJECTION AXONOMETRIC
(WALL)**



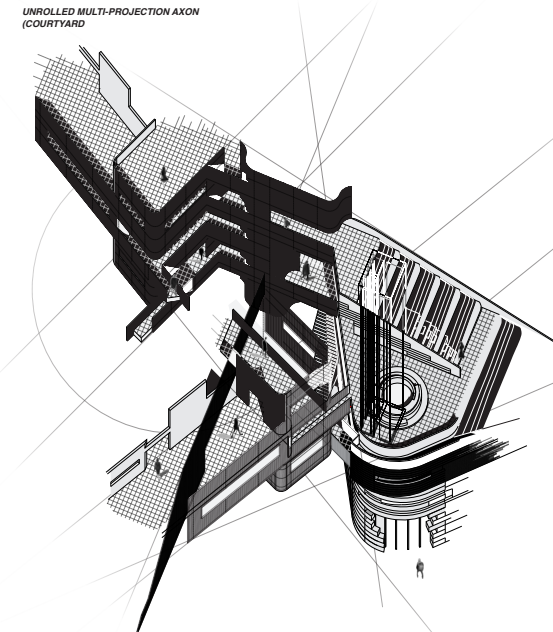
Drawing 11b: Wall Projection showing ones relation to another as one moves in and out of the Wall and how the walls programmatic function changes from an outdoor patio space for office workers, to becoming a balcony, and a hallway with a staircase connecting these spaces



Drawing 12b: One point section perspective, highlighting the wall and staircase that connects the classrooms and offices.

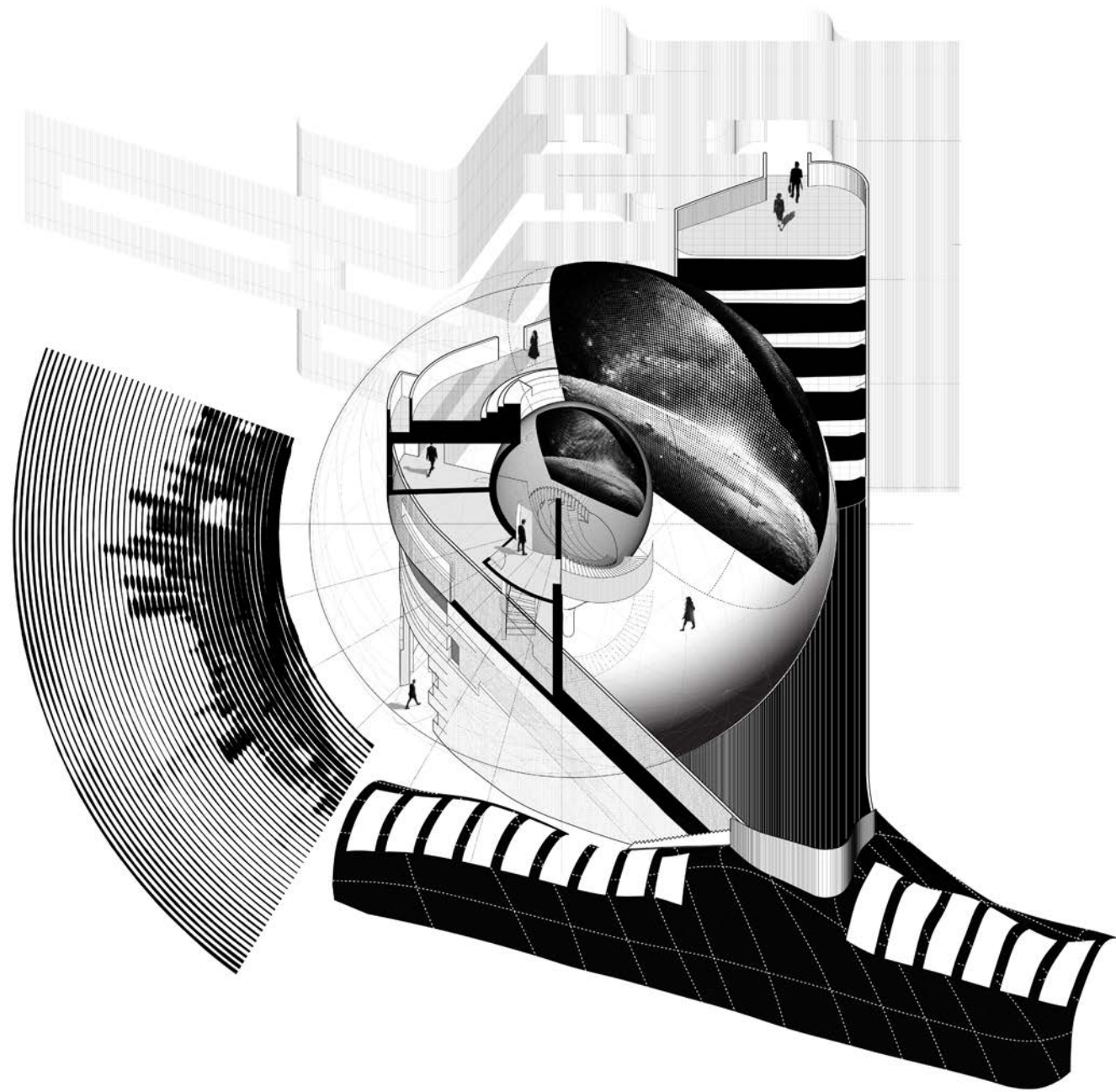


Drawing 13b: Illustrating the Wall's Auditorium, transparency, openness and connection to the LA river.

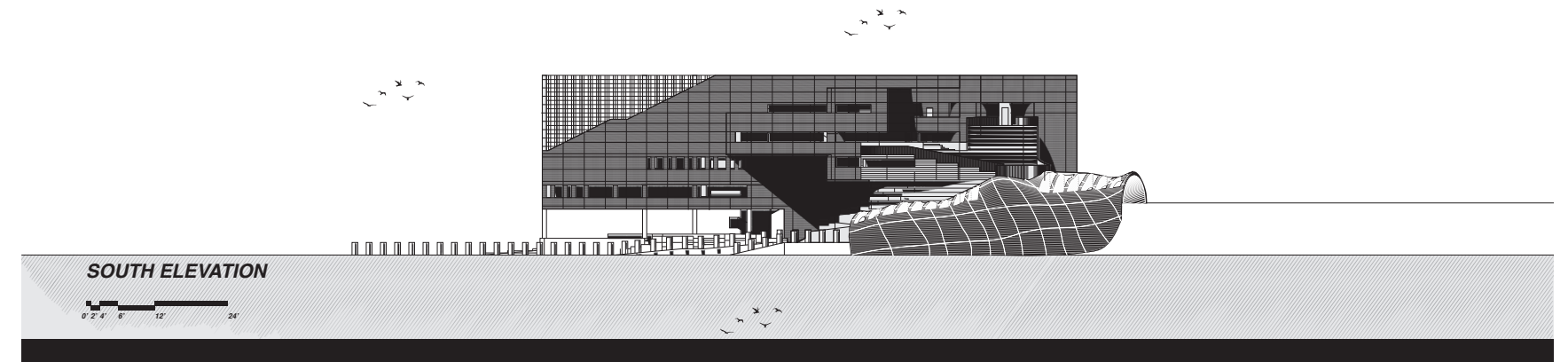


Drawing 14b: Illustrating the Wall and Plinth connection to one another

AXONOMETRIC PROJECTION
(PLANETARIUM)



Drawing 15b: Projection of the Auditorium, projecting a sensory of space in and around the planetarium inside he plinth



Drawing 16b: South Elevation showing the Plinth becoming The Wall/ The Wall becoming the Plinth .



Drawing 17b: Render showing the Walls and Plinth connection to the site mimicking and re interpreting the industrial elements of the site.



Image 1c: "Zinc Mine Museum" Peter Zumthor

Arc 201 Tower/ Cantilever

Theme: MC Escher

Spring 2023 | Arc 201 | Secon year Design 1 | Citrus Community College, Architecture

For the first semester of first year design, the topic for this assignment is an observation facility located in a forested mountain area. The facility will be used mostly by scientists and hikers. The class focuses on Vertical/ Horizontal circulation as students are tasked to design one massing model that can occupy the same space in a horizontal (Cantilever) and vertical orientation(Tower). As the first studio class, students are tough rhino fundamentals and basic geometric design. In theory if a project is resolved enough in both orientations it should resemble a surrealist painting, that of an M.C. Escher world (Image 3A).

Concrete molds and 3d prints are used as a way of representation, and challenge posed to students. Video packages, files, and live demos are shown and made for students. Individual case studies/ references are given to students as there design/shape emerges. Illustrator tutorials are made as well with basic fundamentals for students to be able to follow along.



Image 2c: Excerpt from book: Utzonja: From/to Denmark with Love and main source of inspiration for diagramming and organization

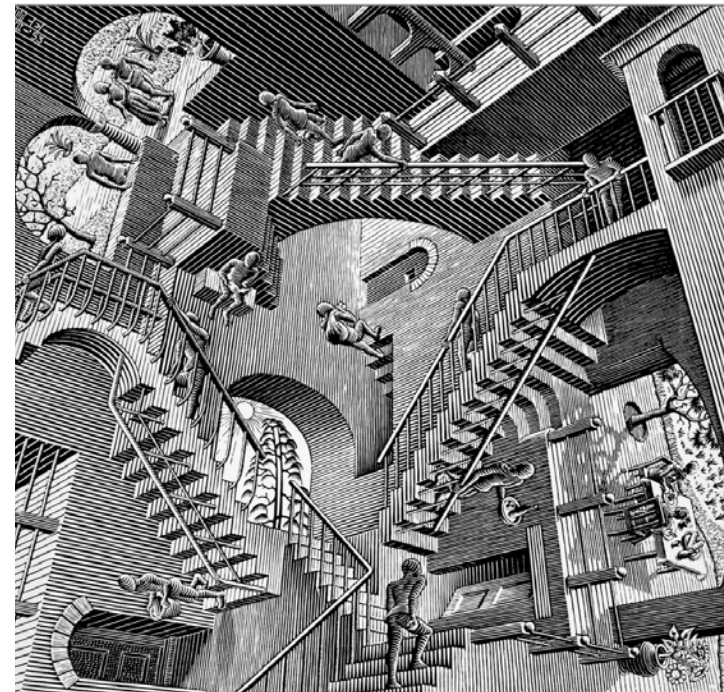
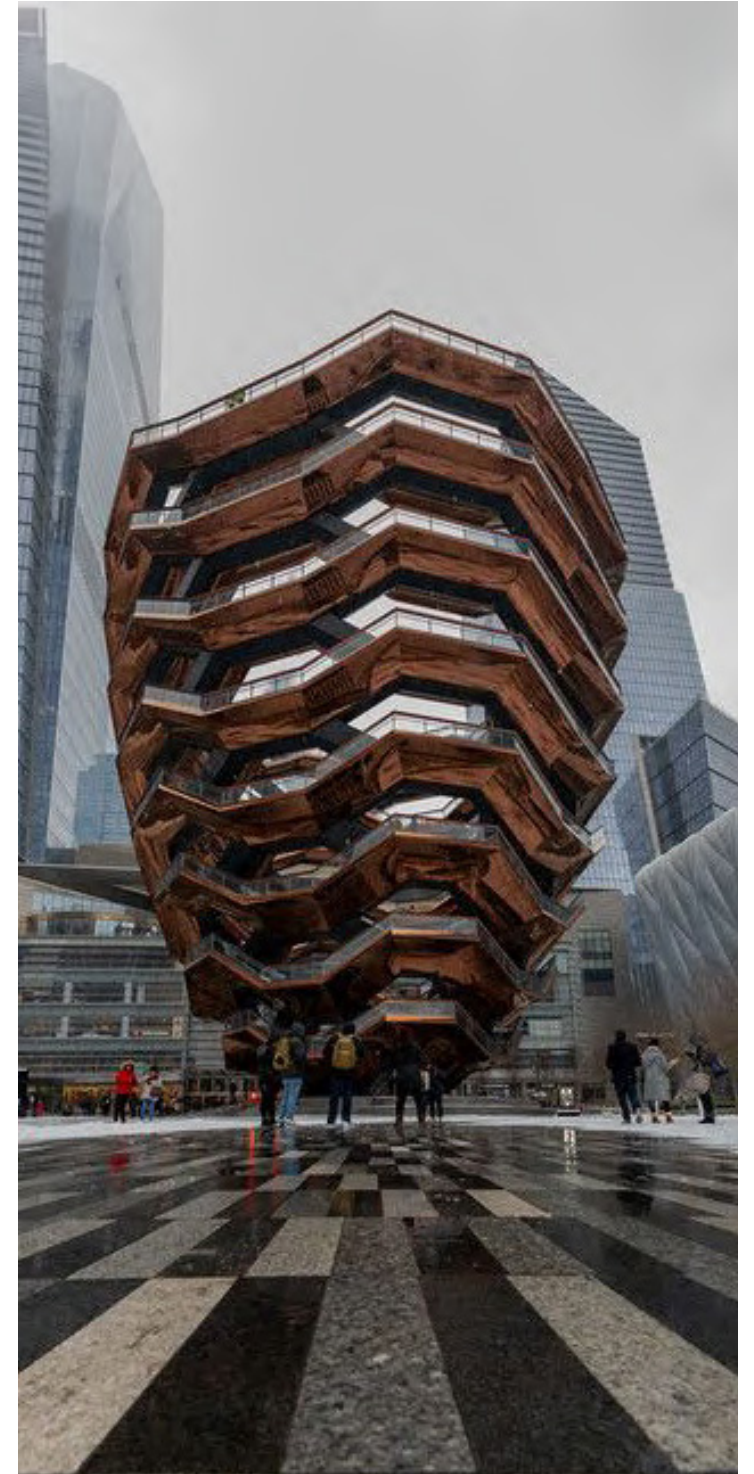
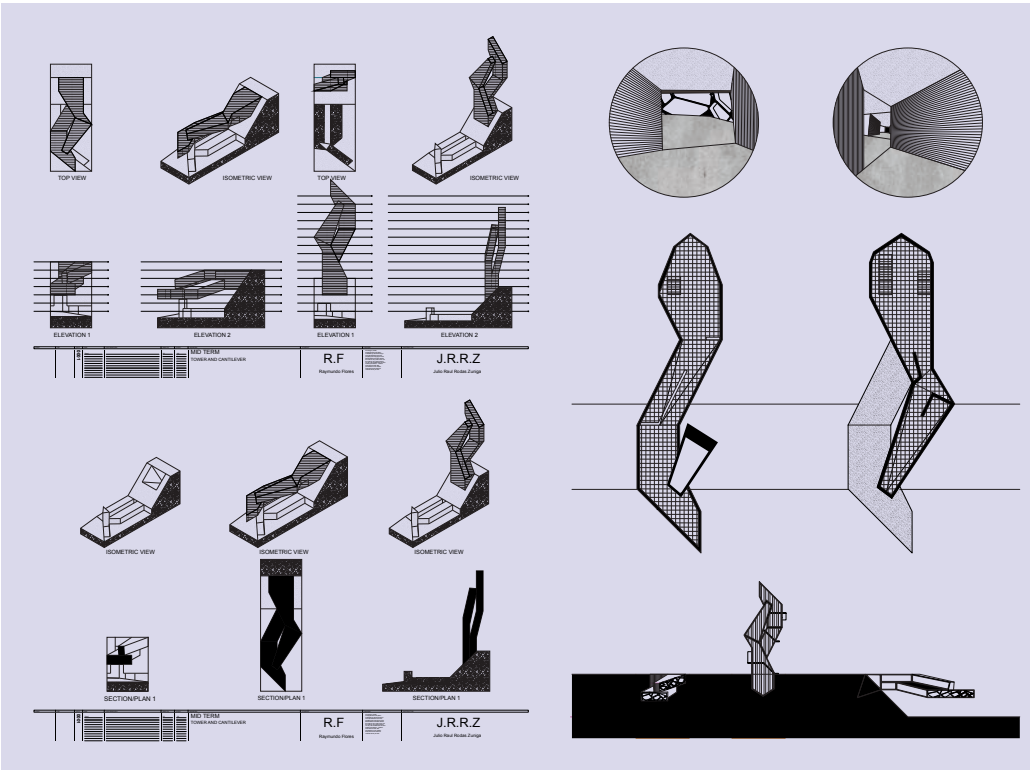


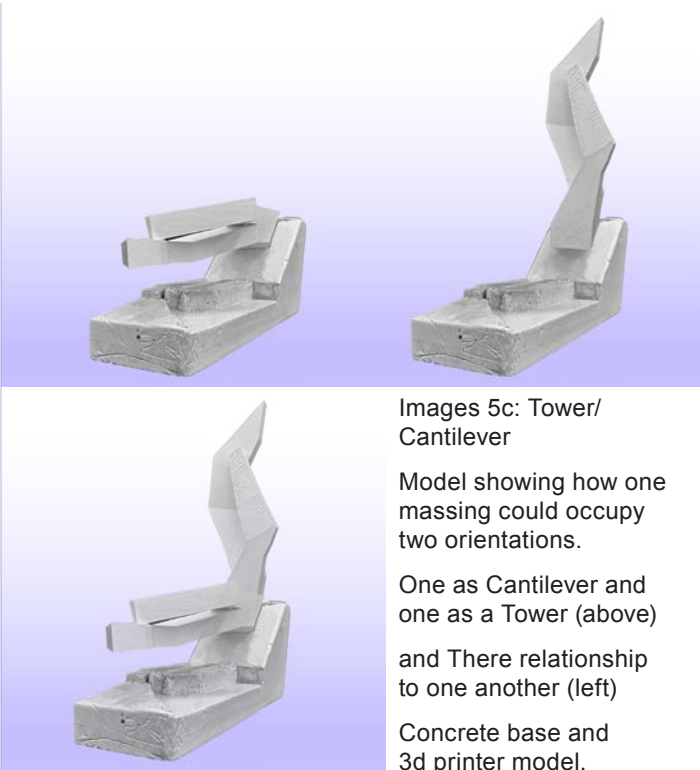
Image 3c : "Relativity" is a surrealist lithograph print by the Dutch artist M. C. Escher, depicting a world in which the normal laws of gravity do not apply.

Image 4c : "The Vessel" by Thomas Heatherwick, in the Hudson Yards in Manhattan, New York City, New York.

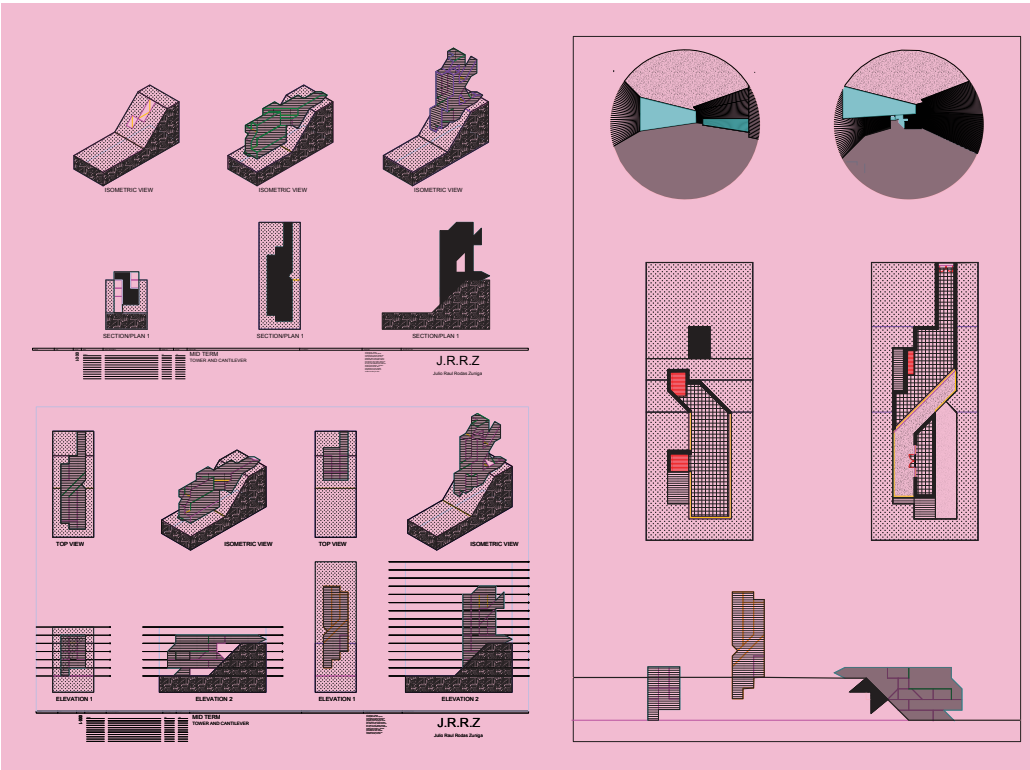




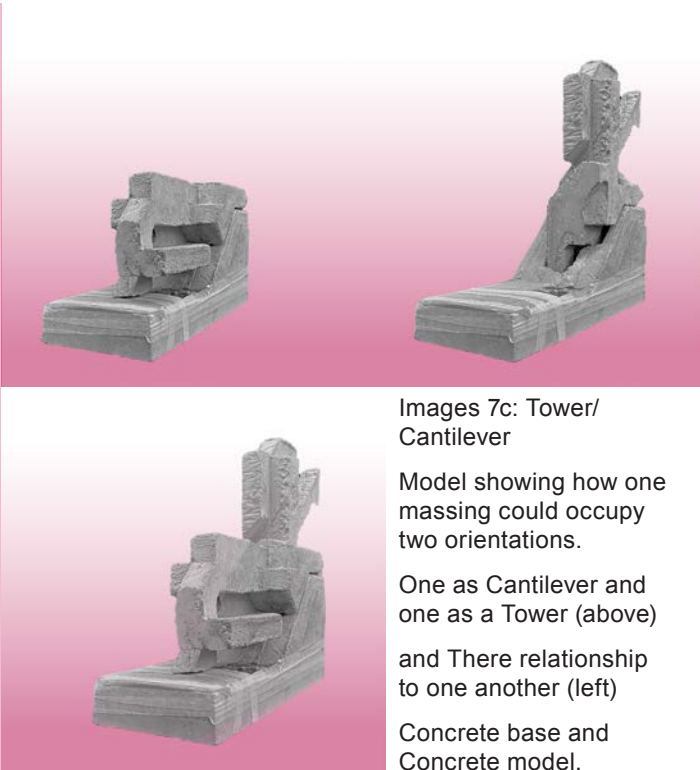
Drawings 1c: Midterm and Final Drawings by Raymundo Flores, Arc 201.



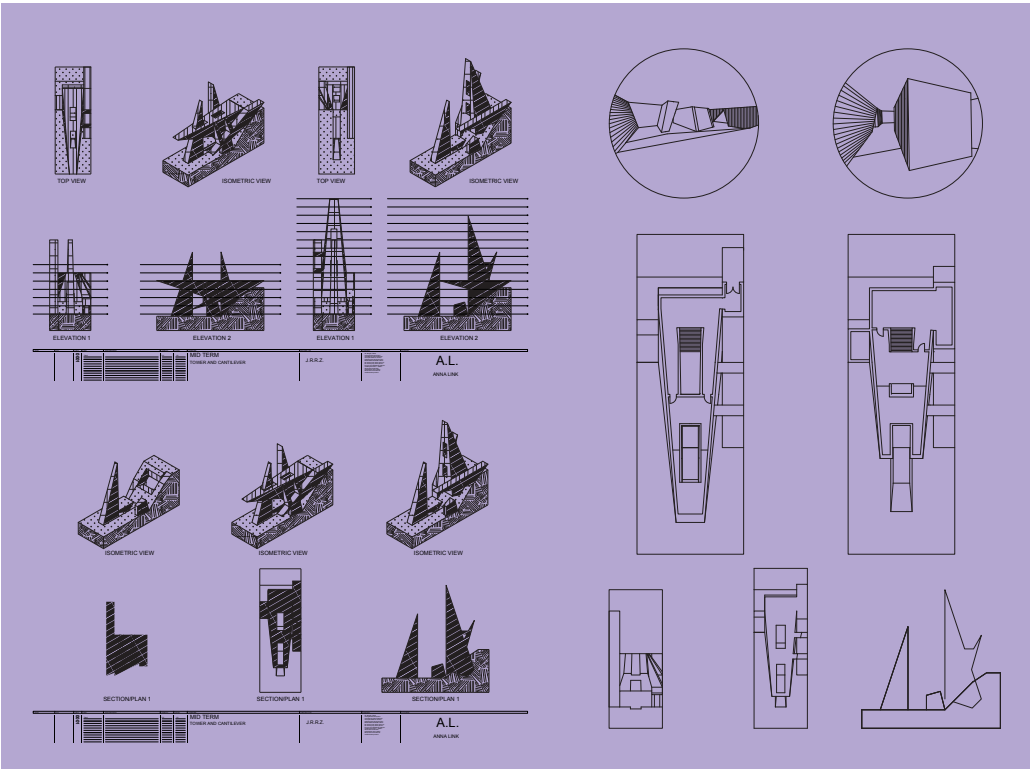
Images 5c: Tower/
Cantilever
Model showing how one
massing could occupy
two orientations.
One as Cantilever and
one as a Tower (above)
and There relationship
to one another (left)
Concrete base and
3d printer model.



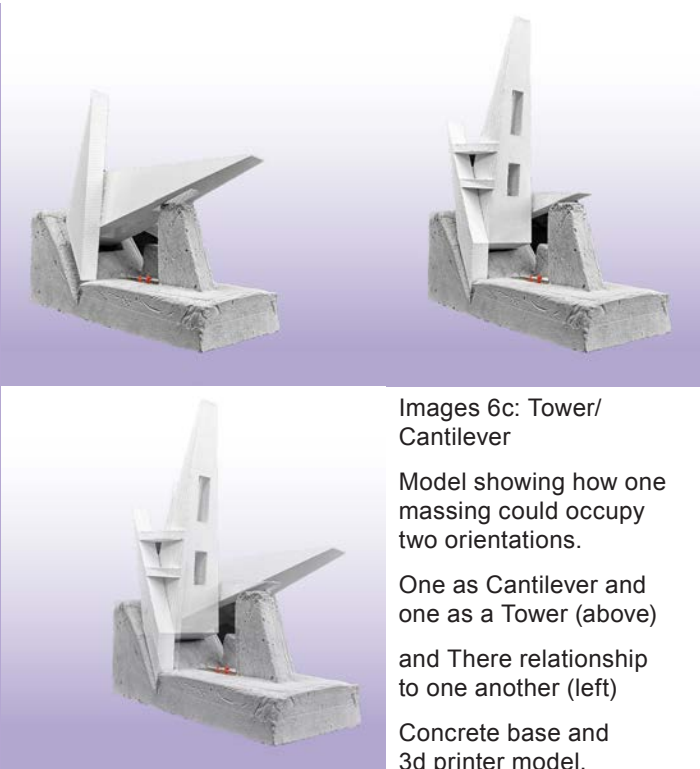
Drawings 3c: Midterm and Final Drawings by Alberto Mondregon, Arc 201.



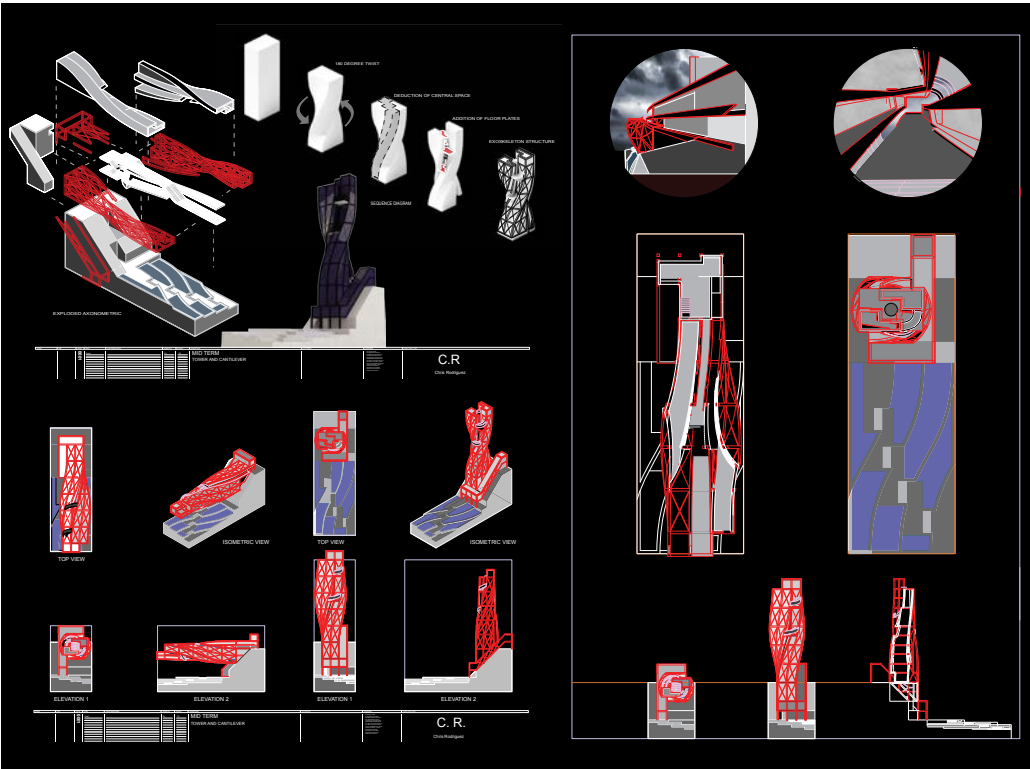
Images 7c: Tower/
Cantilever
Model showing how one
massing could occupy
two orientations.
One as Cantilever and
one as a Tower (above)
and There relationship
to one another (left)
Concrete base and
Concrete model.



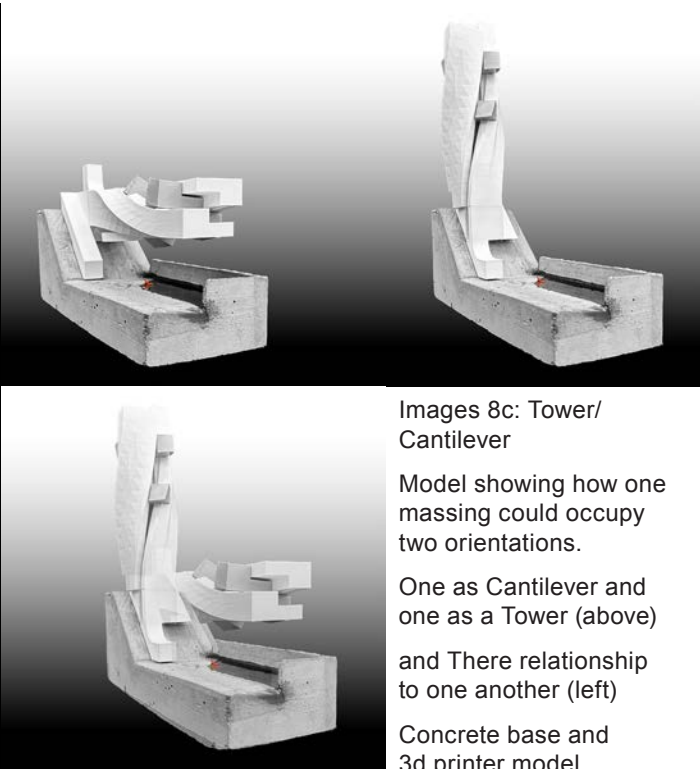
Drawings 2c: Midterm and Final Drawings by Anna Link, Arc 201.



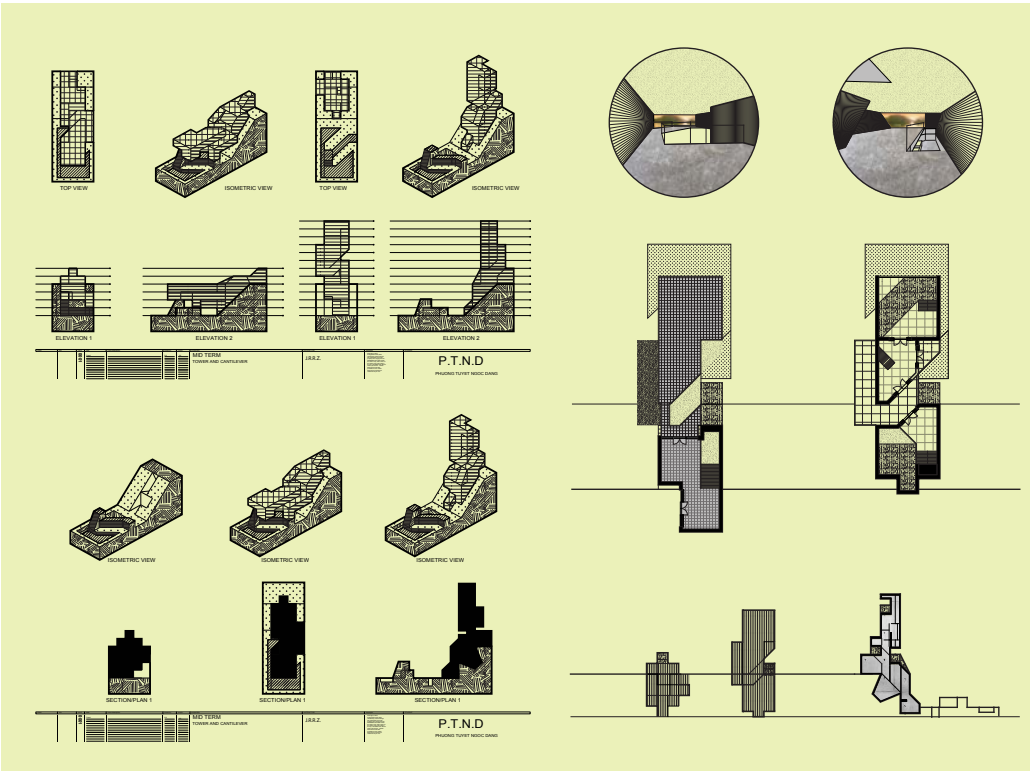
Images 6c: Tower/
Cantilever
Model showing how one
massing could occupy
two orientations.
One as Cantilever and
one as a Tower (above)
and There relationship
to one another (left)
Concrete base and
3d printer model.



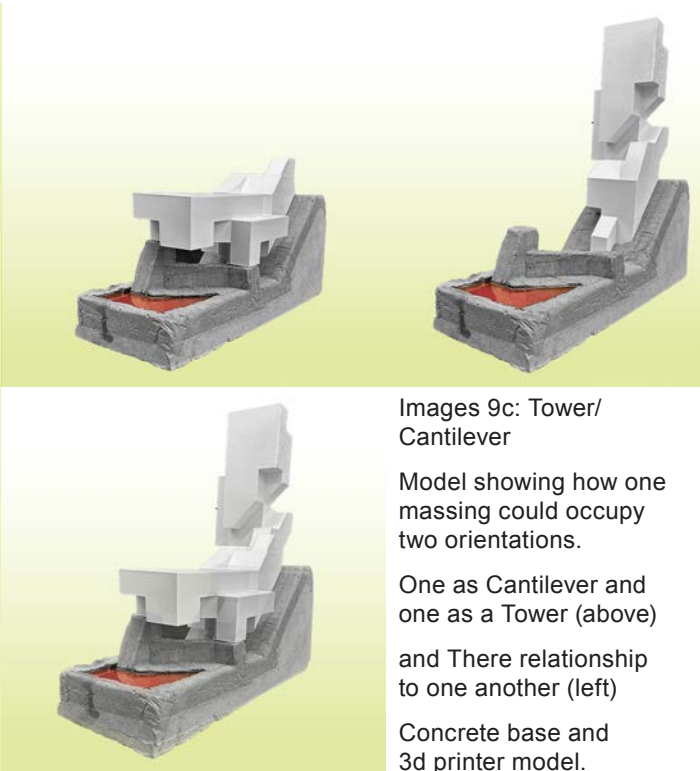
Drawings 4c: Midterm and Final Drawings by Christopher Rodriguez, Arc 201.



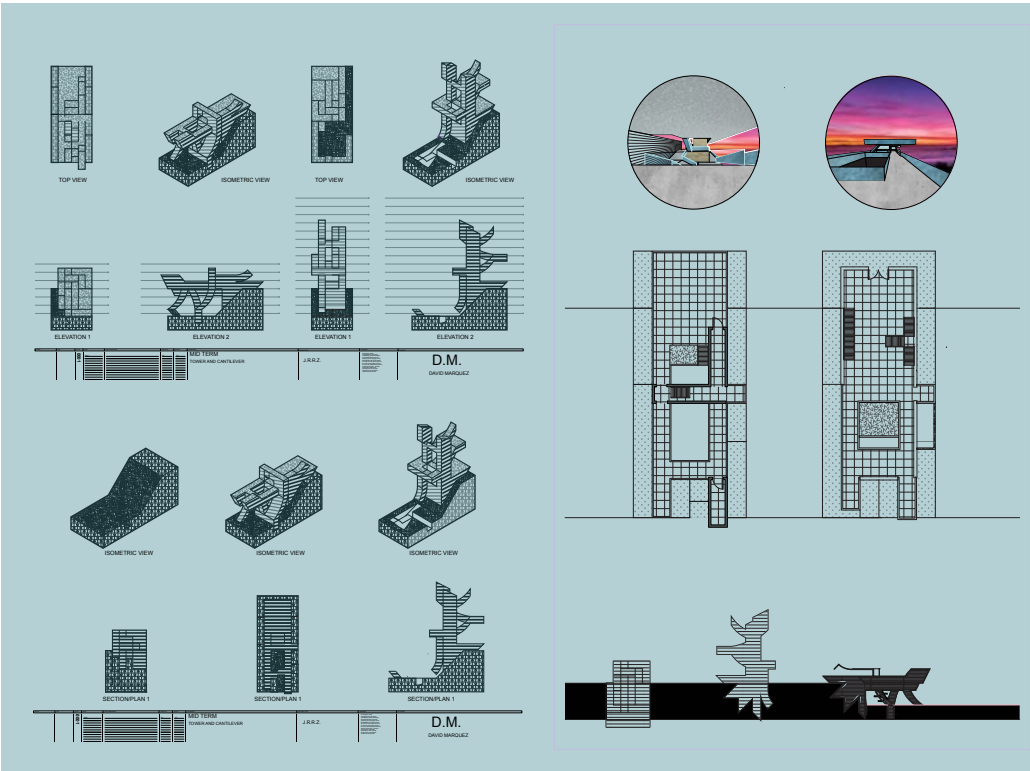
Images 8c: Tower/
Cantilever
Model showing how one
massing could occupy
two orientations.
One as Cantilever and
one as a Tower (above)
and There relationship
to one another (left)
Concrete base and
3d printer model.



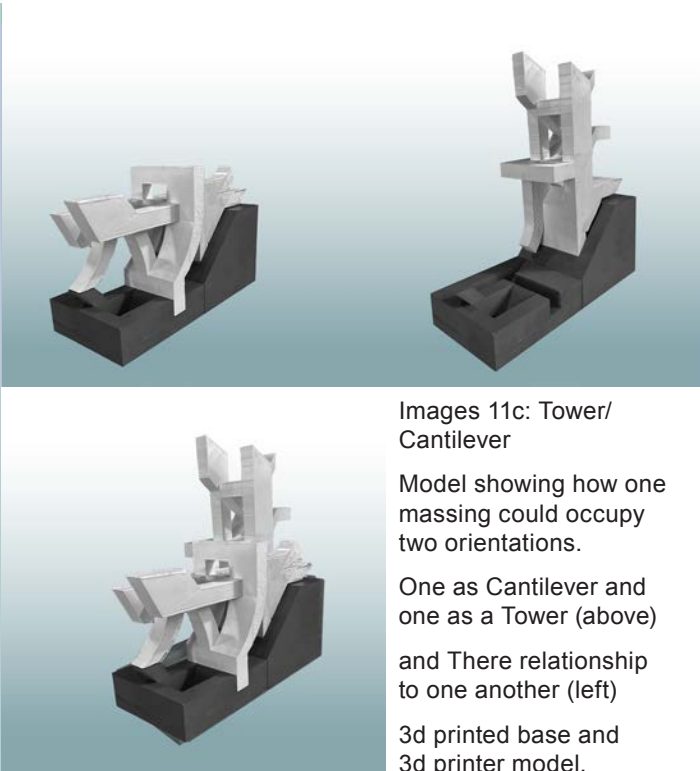
Drawings 5c: Midterm and Final Drawings by Phuong Dang, Arc 201.



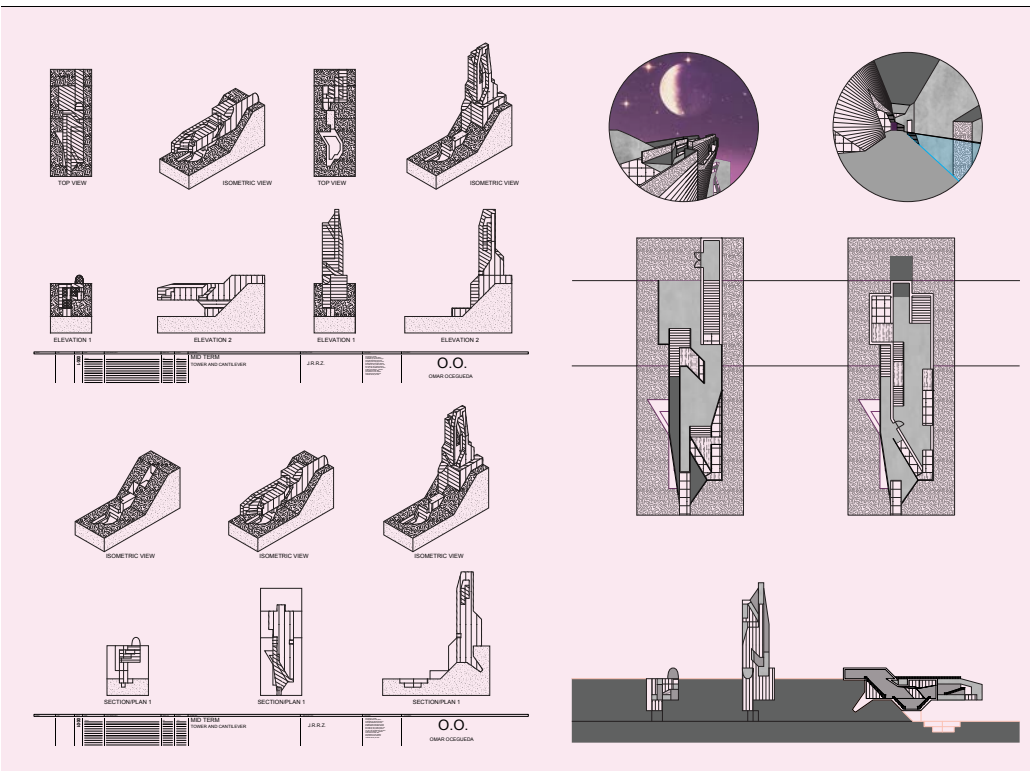
Images 9c: Tower/
Cantilever
Model showing how one
massing could occupy
two orientations.
One as Cantilever and
one as a Tower (above)
and There relationship
to one another (left)
Concrete base and
3d printer model.



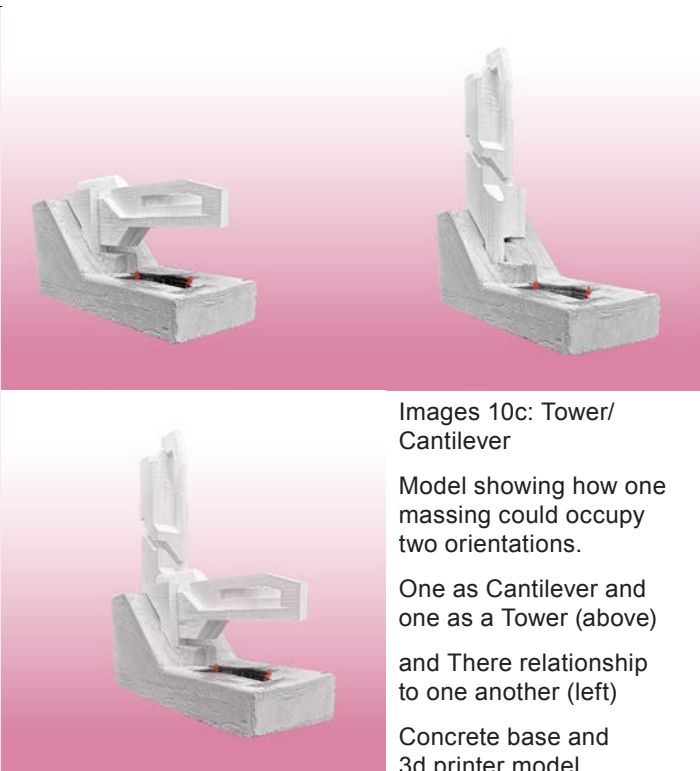
Drawings 7c: Midterm and Final Drawings by David Marquez Machado, Arc 201.



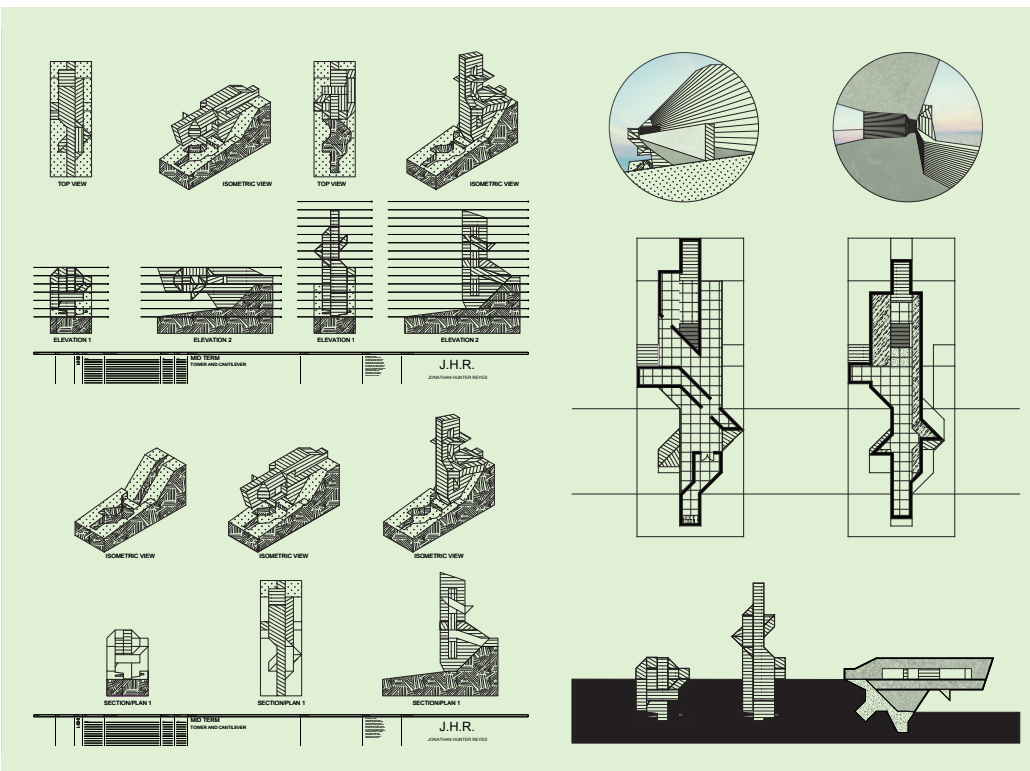
Images 11c: Tower/
Cantilever
Model showing how one
massing could occupy
two orientations.
One as Cantilever and
one as a Tower (above)
and There relationship
to one another (left)
3d printed base and
3d printer model.



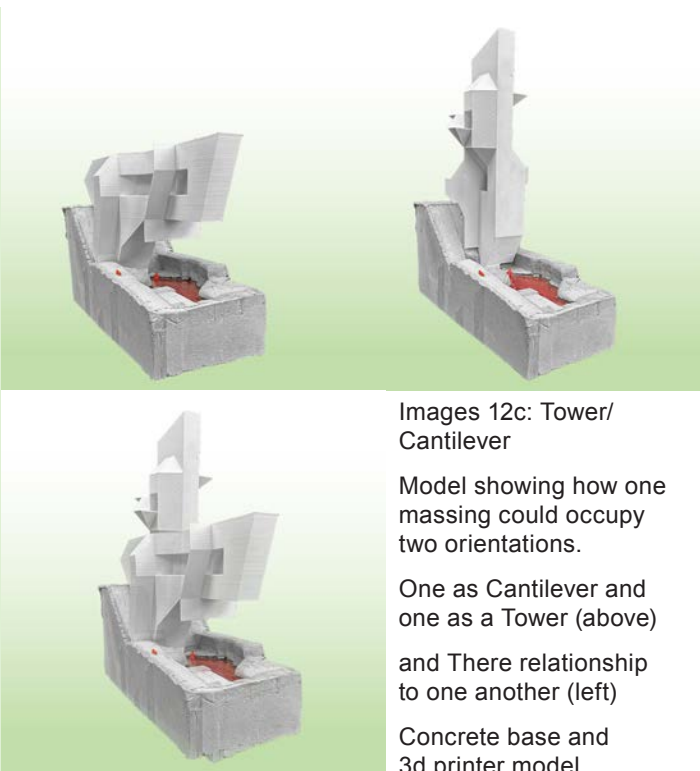
Drawings 6c: Midterm and Final Drawings by Omar Oceguenda, Arc 201.



Images 10c: Tower/
Cantilever
Model showing how one
massing could occupy
two orientations.
One as Cantilever and
one as a Tower (above)
and There relationship
to one another (left)
Concrete base and
3d printer model.



Drawings 8c: Midterm and Final Drawings by Jonathan Reyes, Arc 201.



Images 12c: Tower/
Cantilever
Model showing how one
massing could occupy
two orientations.
One as Cantilever and
one as a Tower (above)
and There relationship
to one another (left)
Concrete base and
3d printer model.



Image 1d : S,M,L, XL by O.M.A., Rem Koolhaas and Bruce Mau.

Project references and case studies

Arc 202 Museum

Theme: Super Studio, Archizoom, and OMA
 Spring 2023 | Arc 202 | Second year Design 2 | Citrus Community College, Architecture

Following the first semester of first year design, where students are still learning the foundations of design and drawing. Second semester students are introduced to a set of design/ site conditions. For this Semester, an infill lot was explored through the use of massing strategy's, Some of the requirements are posed as mere questions. Such as "how does the building relate to the site?". Students are also given a list of Case Studies to look through and examined how each case study project approached the issue of programmatic arrangements, spatial qualities, and circulation concept

For Ex2 Students design a Grid Matrix that engulfs the site, the exercise focuses on spacial and sectional quality. The Models are a call back to Superstudio Architecture and Archizoom. Through this exercise sections are explored as a medium of discovery and design. Like a Rorschach each design is unique and complex yet simplistic, steaming from a 1 by 1 grid. From this, relief models are made, filled with resgin reviling a figure withing the ground.

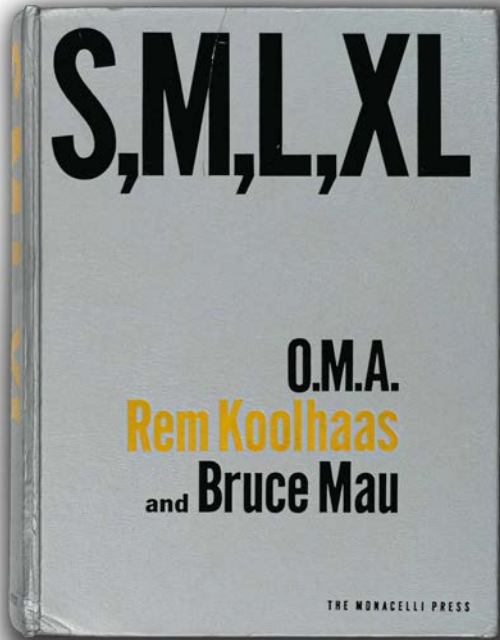


Image 2d : S,M,L, XL by O.M.A., Rem Koolhaas and Bruce Mau.
 Project references and case studies



Image 3d: Superstudio 60's showing how the rectilinear grid is Omnipresence and can invade everywhere. Inside of the grid, anything could happen.
 Image 5d: Archizoom no stop city showing the endless possibilities inside the grid

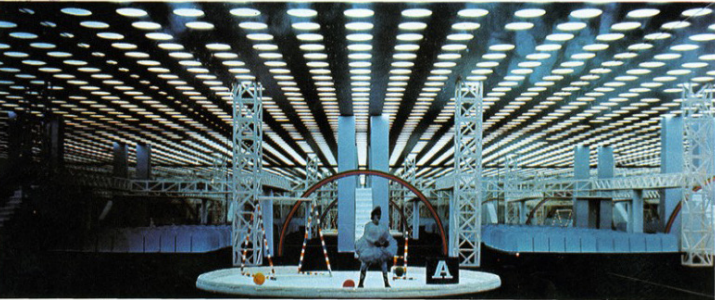
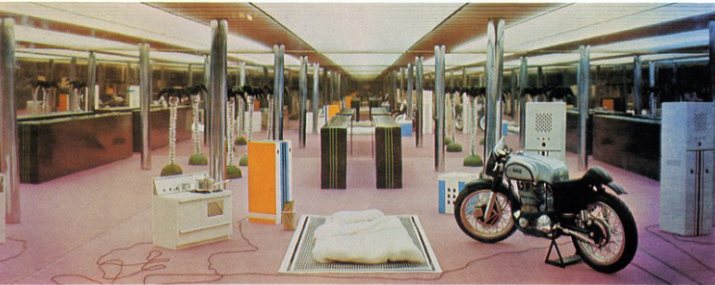
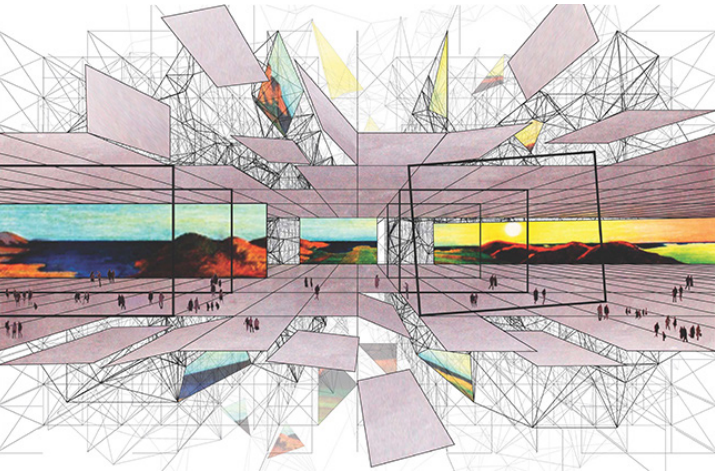
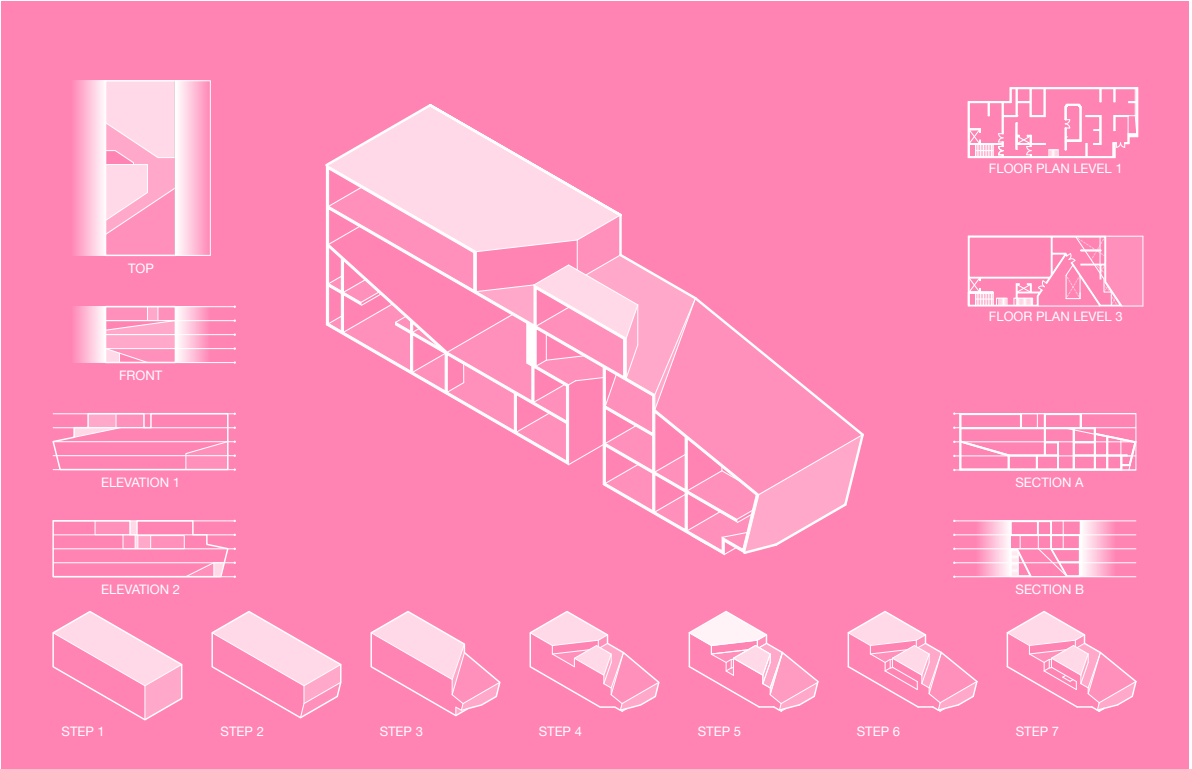


Image 4d: Archizoom Gallery of internal landscapes and possibilities





Drawings 1d: Final Drawings by Juan Juarez, plans, sections, elevations, diagrams and axon, Arc 202.

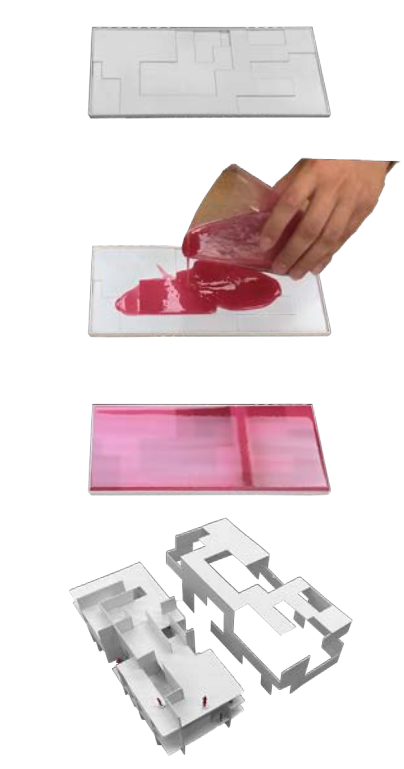
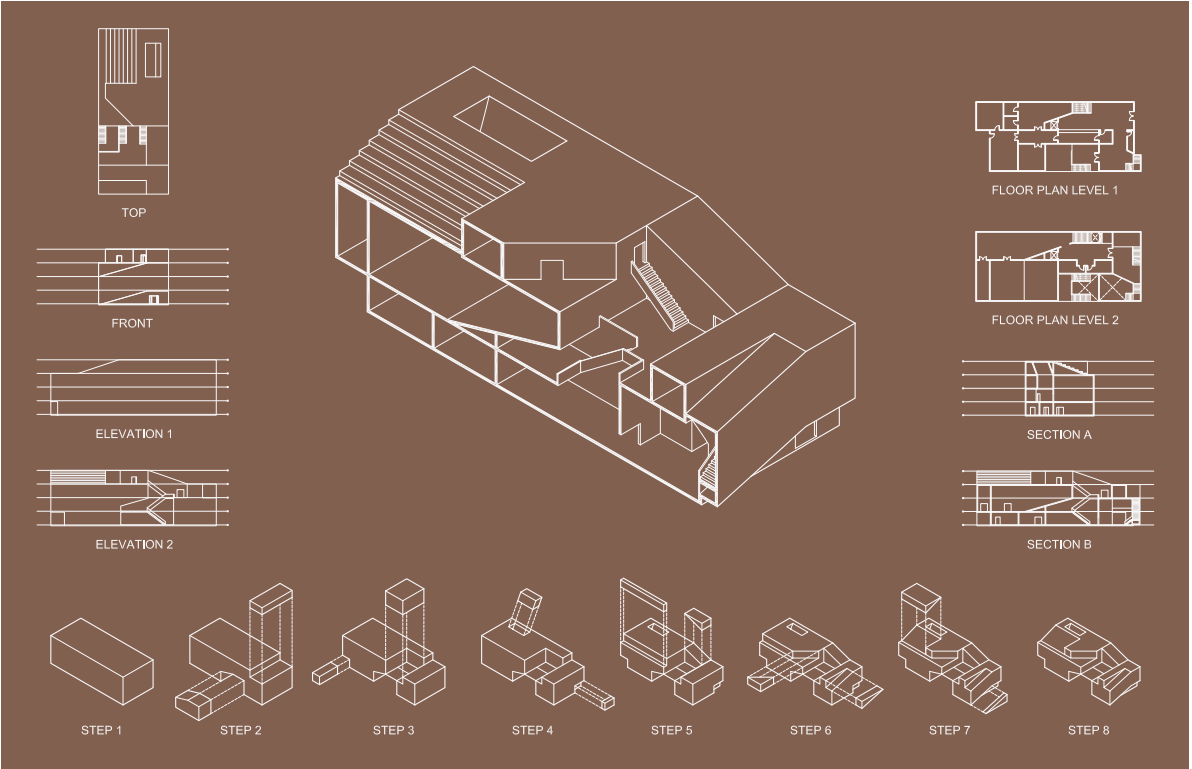


Image 6d: Relief model, Resin with Dye is used to define the ground withing the figure of there EX2 model



Drawings 3d: Final Drawings by Sebastian Stjerbo, plans, sections, elevations, diagrams and axon

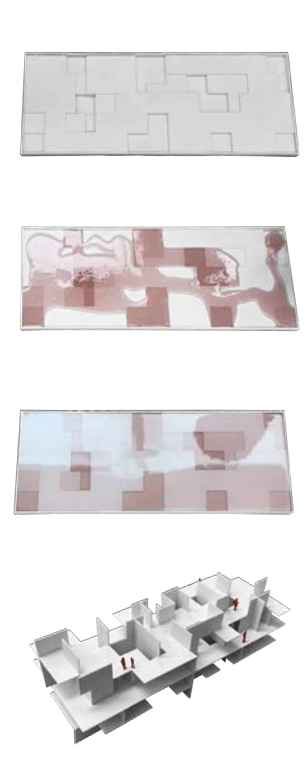
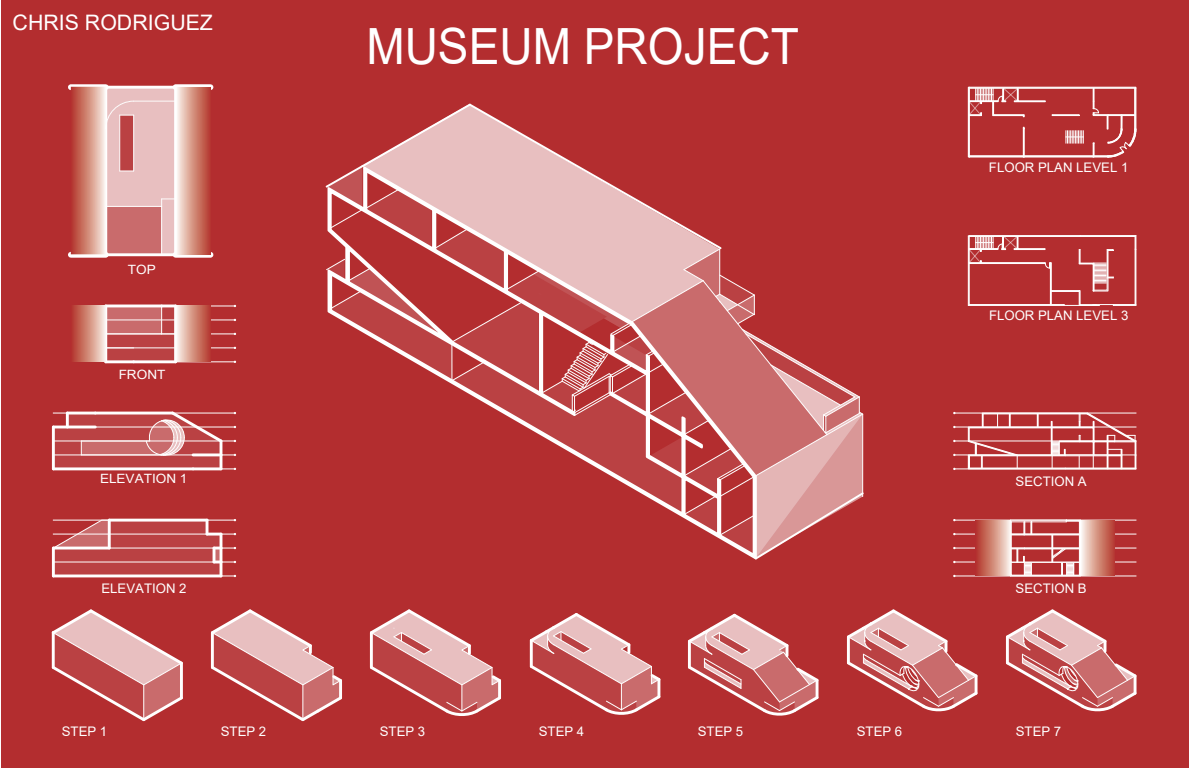


Image 8d: Relief model, Resin with Dye is used to define the ground withing the figure of there EX2 model



Drawings 2d: Final Drawings by Christopher Rodriguez, plans, sections, elevations, diagrams and axon, Arc 202.

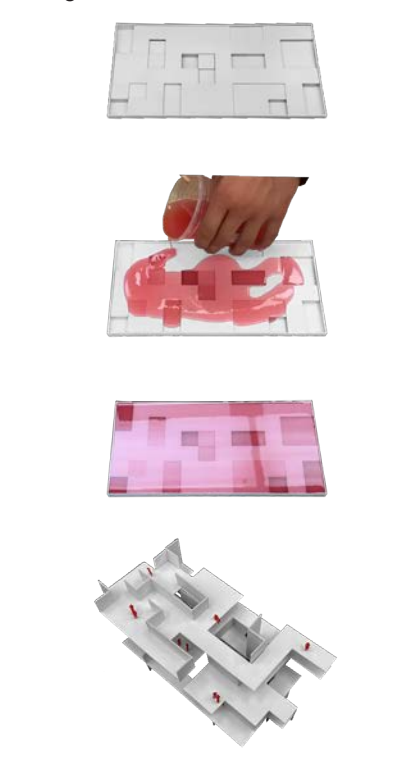
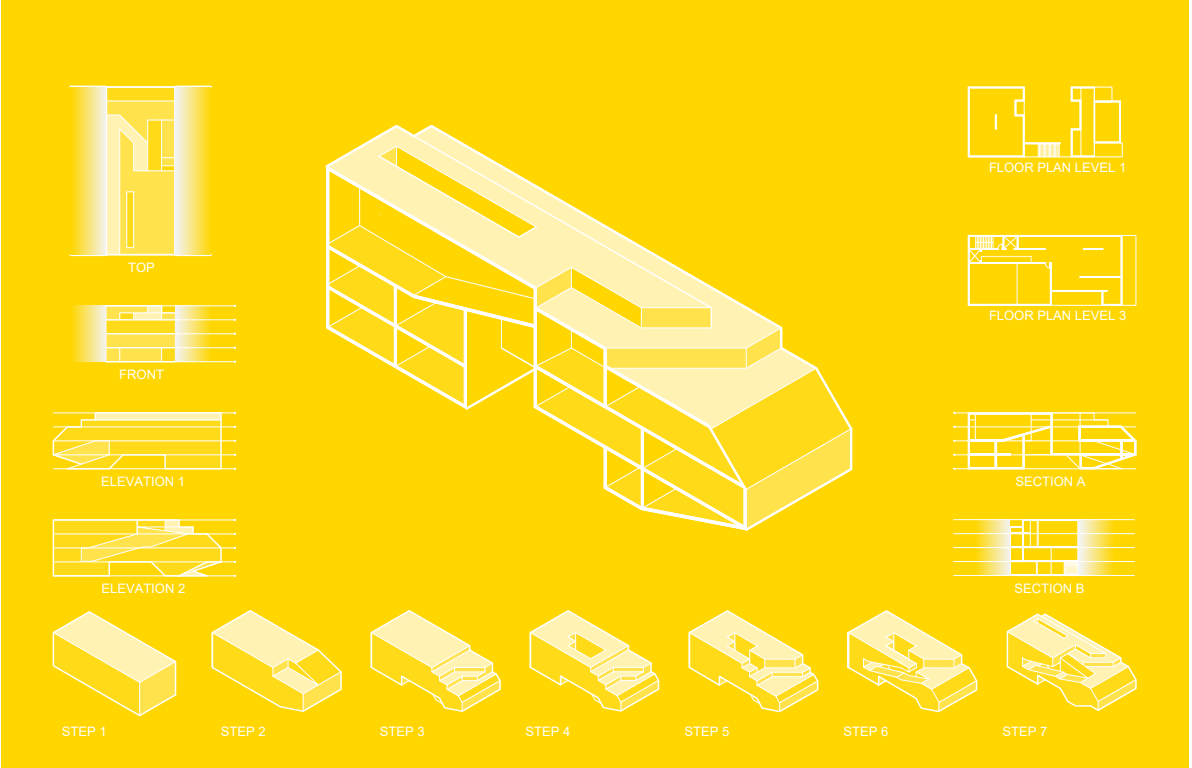


Image 7d: Relief model, Resin with Dye is used to define the ground withing the figure of there EX2 model



Drawings 4d: Final Drawings by Omar Ocegueda, plans, sections, elevations, diagrams and axon

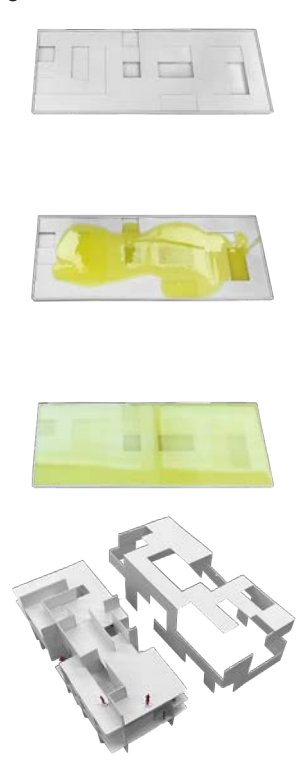
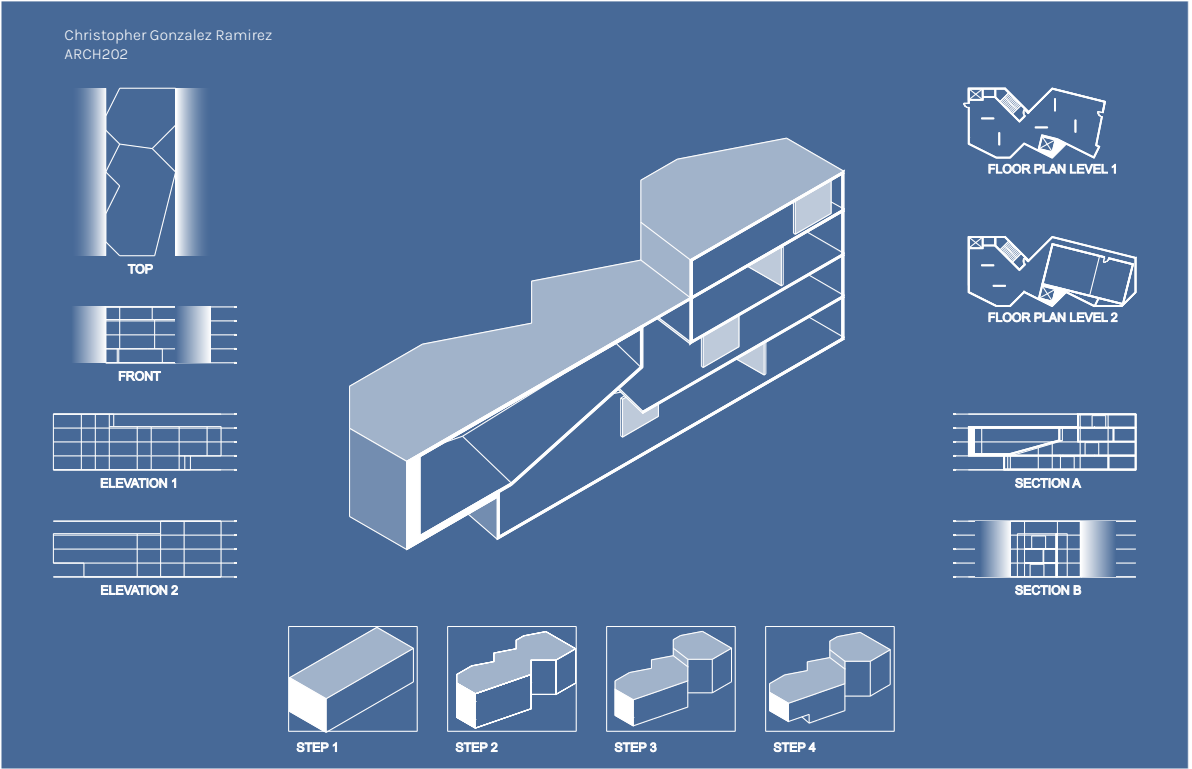


Image 9d: Relief model, Resin with Dye is used to define the ground withing the figure of there EX2 model



Drawings 5d: Final Drawings by Christopher Gonzalez, plans, sections, elevations, diagrams and axon

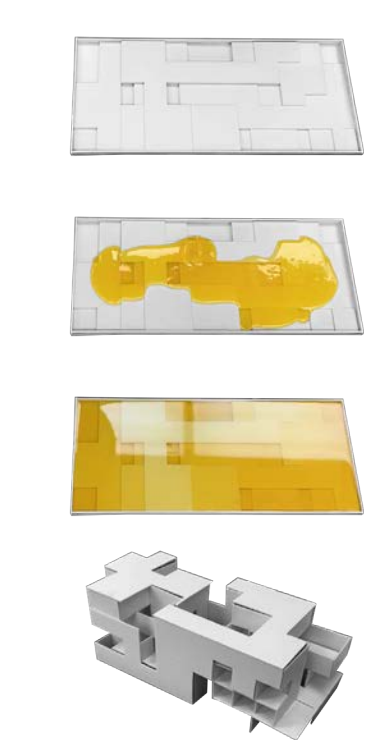
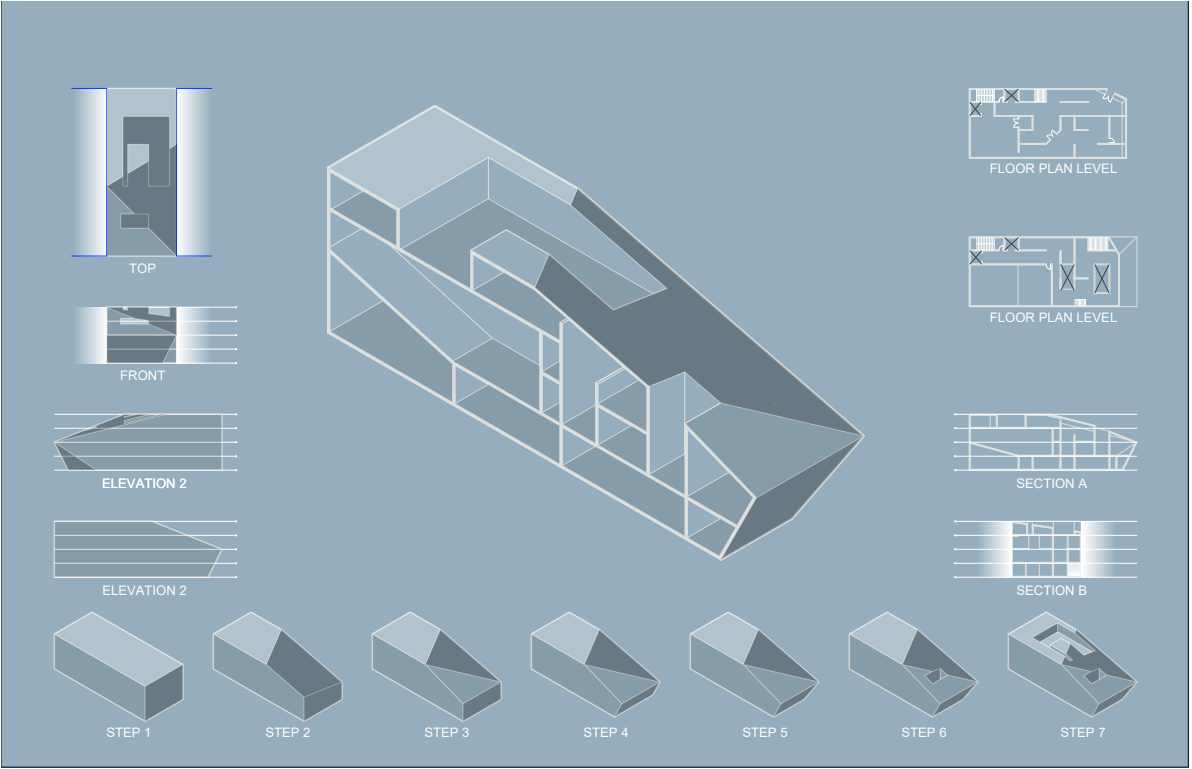


Image 10d: Relief model, Resin with Dye is used to define the ground withing the figure of there EX2 model



Drawings 7d: Final Drawings by Raymundo Flores, plans, sections, elevations, diagrams and axon

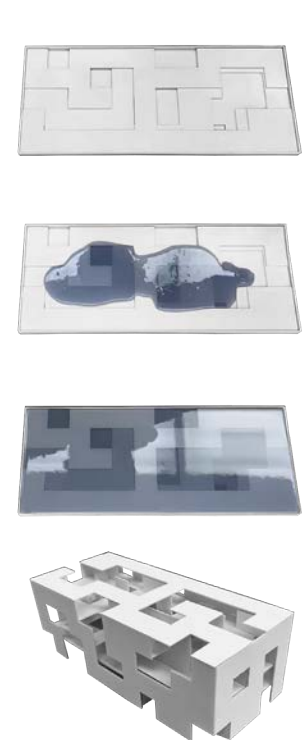
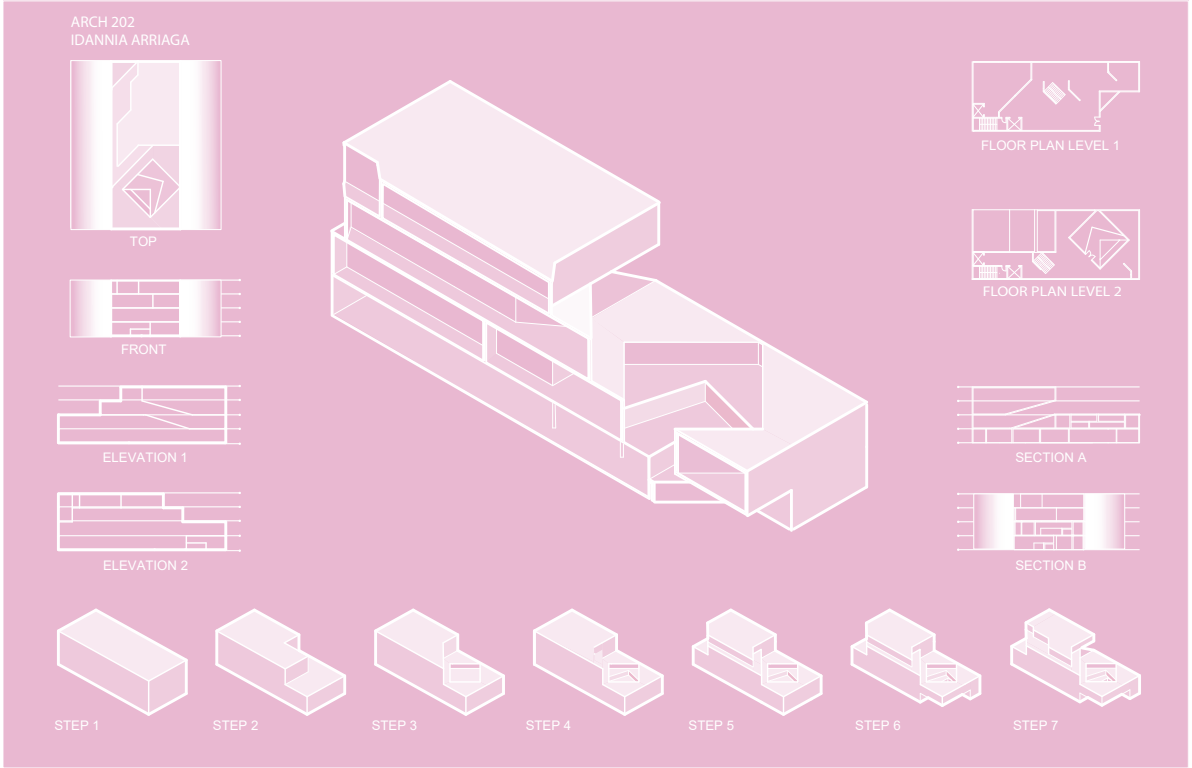


Image 12d: Relief model, Resin with Dye is used to define the ground withing the figure of there EX2 model



Drawings 6d: Final Drawings by Idannia Arriaga, plans, sections, elevations, diagrams and axon

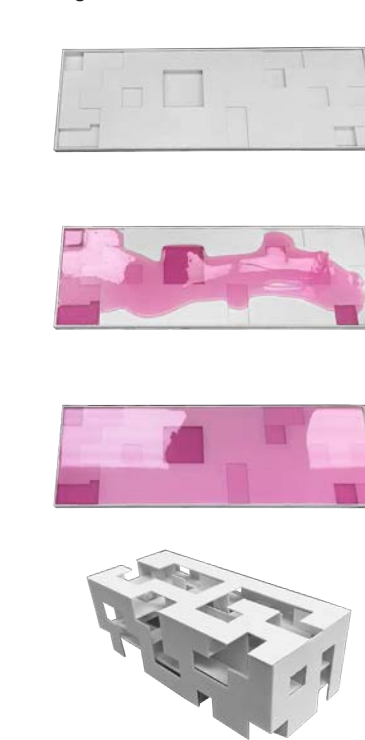
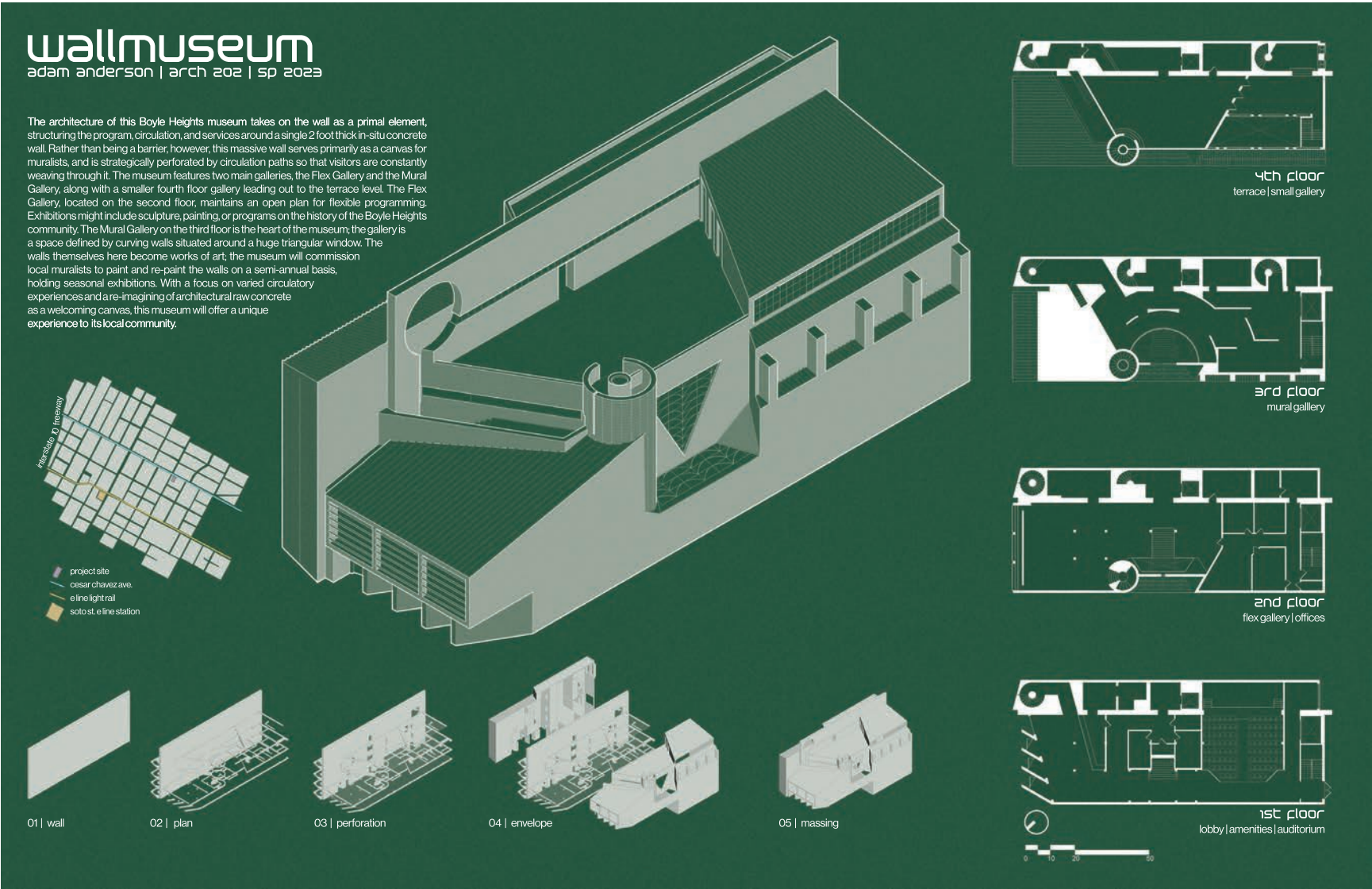


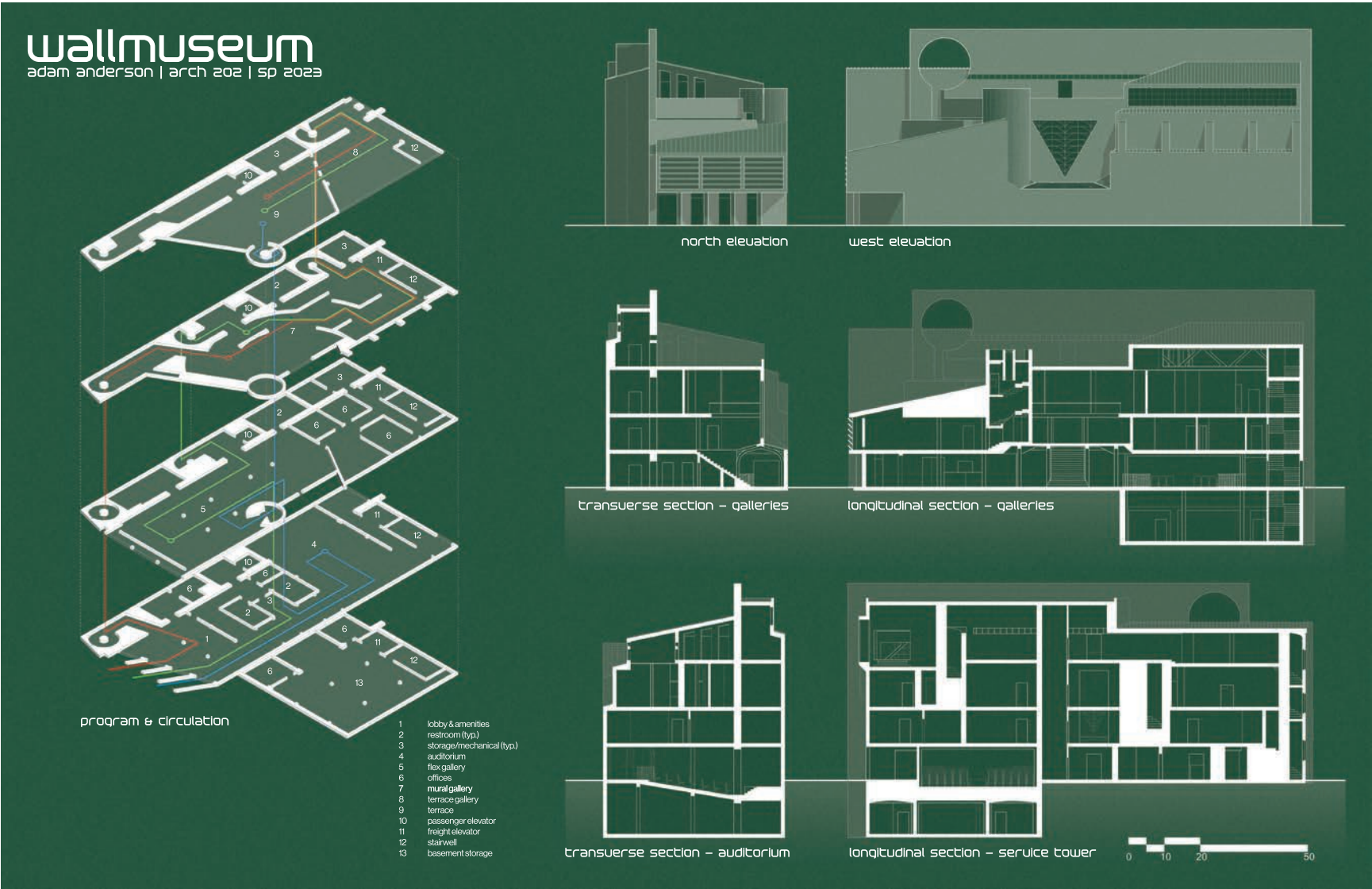
Image 11d: Relief model, Resin with Dye is used to define the ground withing the figure of there EX2 model



Image 13d: Final Massing models Arc 202, Juan Juarez, Christopher Rodriguez, Sebastian Stjernbo, Omar Ocegueda, Christopher Gonzalez, Idannia Arriaga, and Raymundo Flores. From left to right (Same as drawings and images)



Drawings 8d: Final Drawings by Adam Anderson, plans, diagrams, axon and site context



Drawings 9d: Final Drawings by Adam Anderson, plan key, sections and elevation.

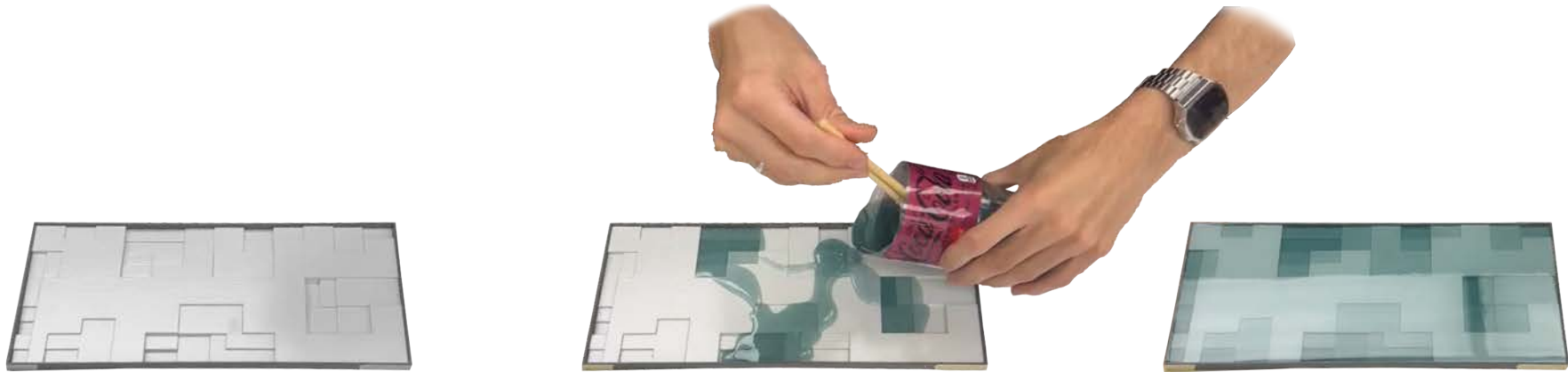


Image 14d: Relief model, Resin with Dye is used to define the ground withing the figure of there EX2 model

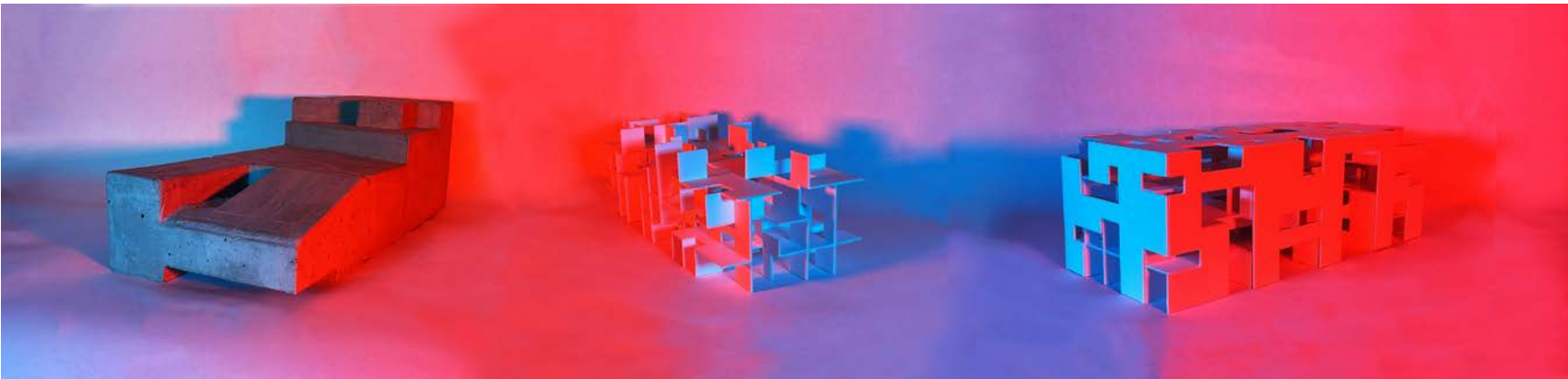


Image 15d: Concrete massing from EX1, EX2 surface plane model



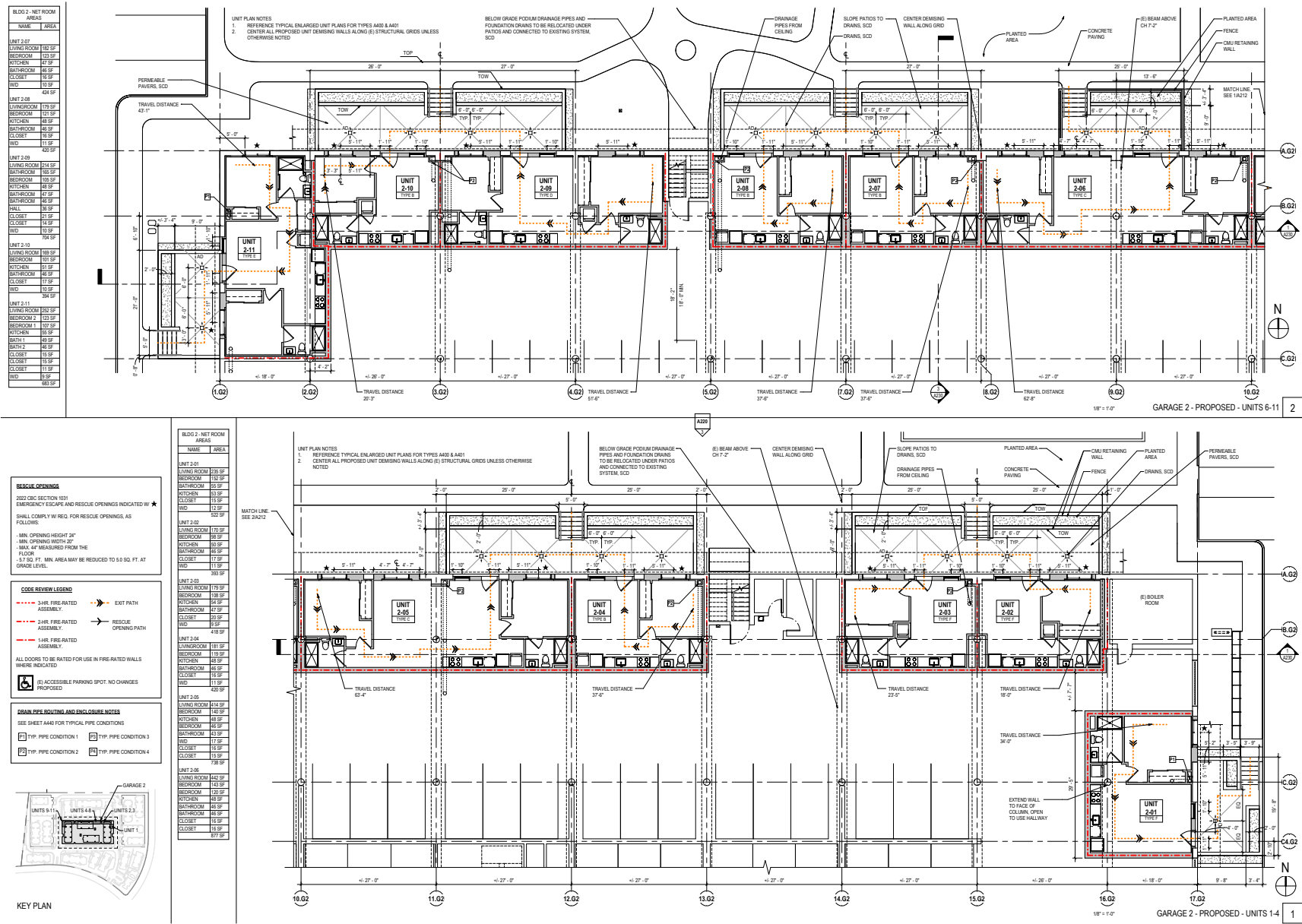
Drawing 1e: Site/ Unit plan at Mirada at la Jolla Apartments

Mirada at La Jolla Apartments

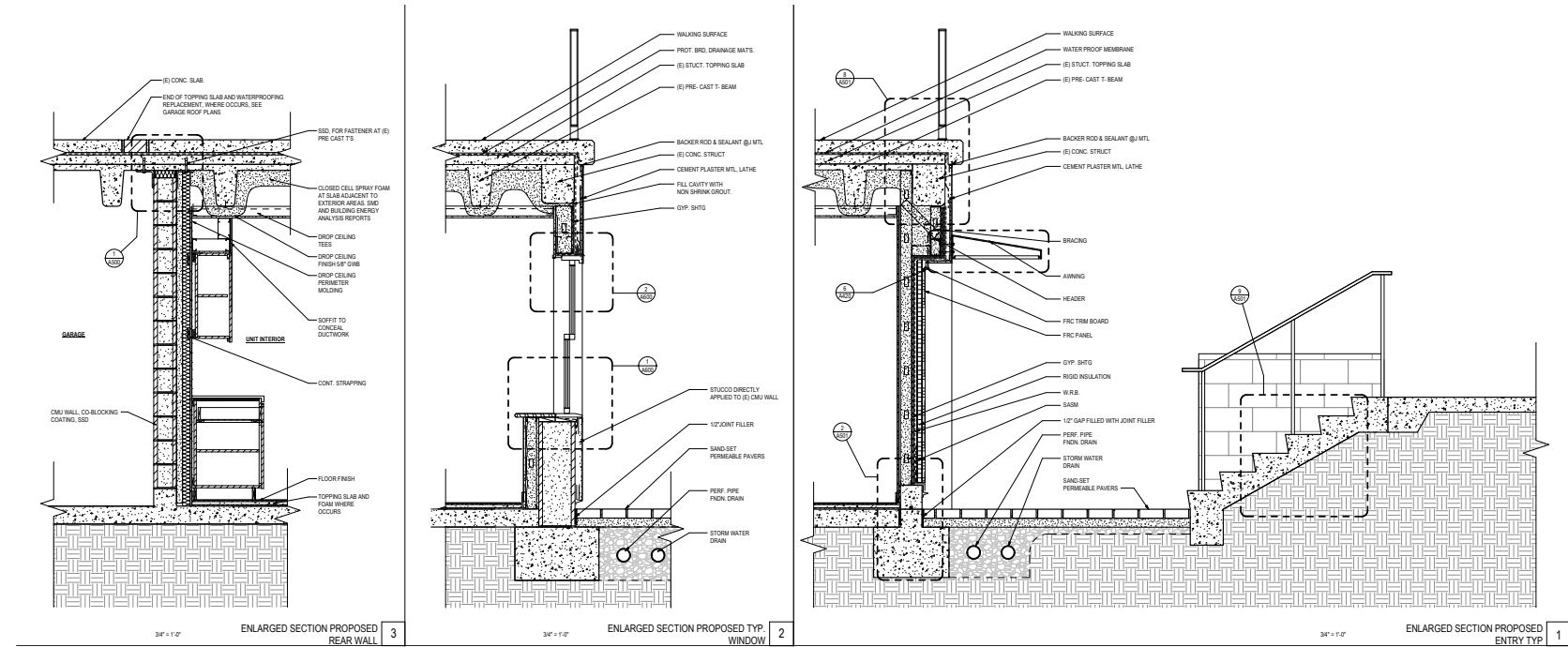
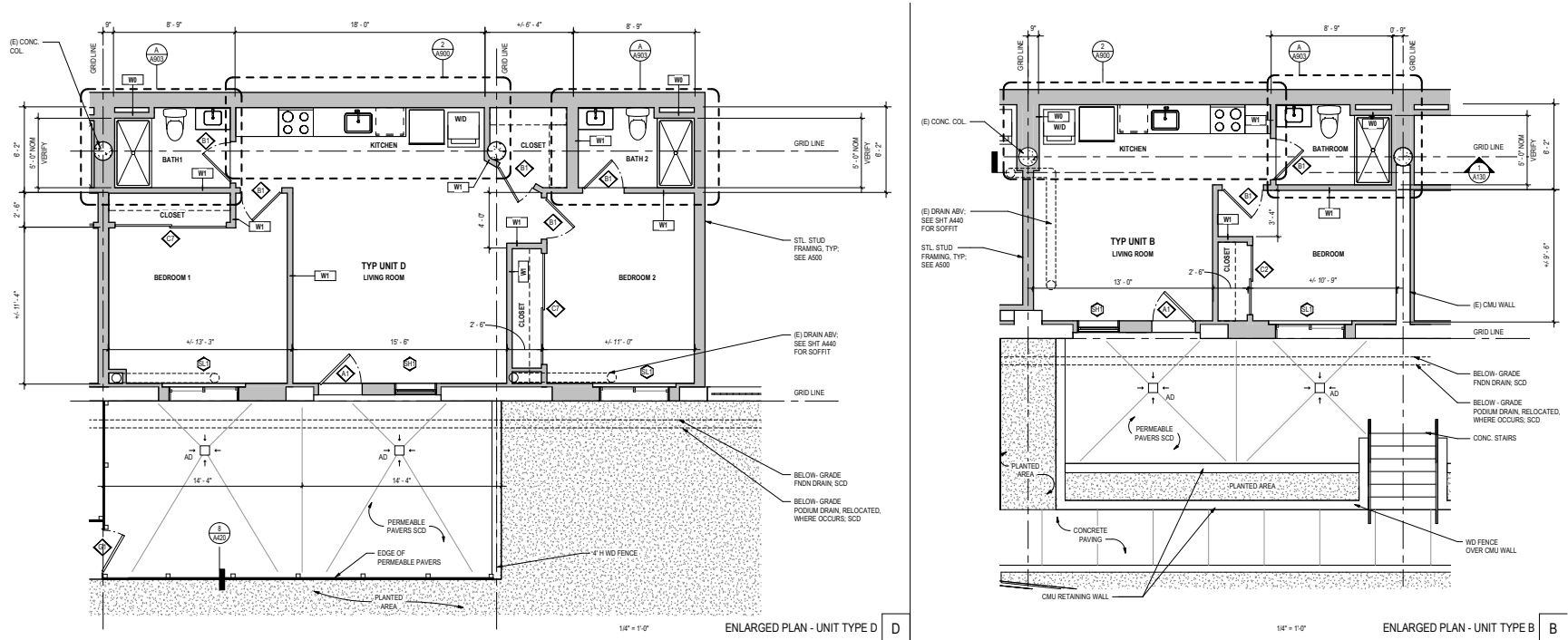
Professional
Openscope Studio | Housing | Role: Junior Designer

This project rethinks the possible use of an under used parking structure, the projects takes advantage of California new ADU laws, AB 68 and AB 881. These new laws allow for the construction of an additional 25% of your existing unit count and not require new parking to be provided. This project is still on going, the scope of the project is the alteration of an exiting garage podiums 1,2, and 3 of a multi family apartment residence into 27 new accessory dwelling units with patios. The location of the units was a result of a site study identifying apartment commodity's and relationship to the streets.

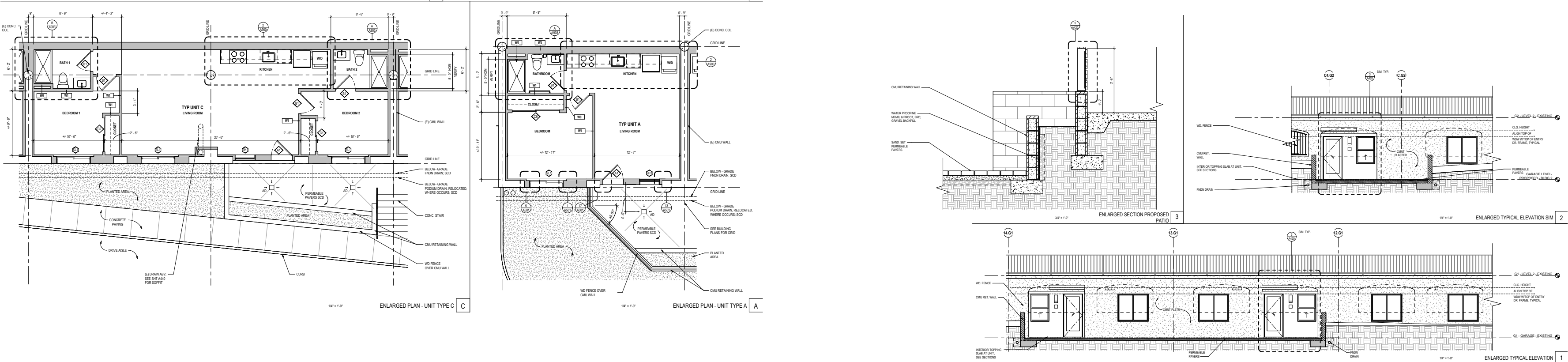
As a Junior designer I was tasked with setting up the set, adjusting the model/drawings after comments, meetings and redlines from Schematic design to Construction Documents . One of the main challenges for this Design was identifying all the unique unit conditions, although parking stall sizes are consistent theres always an obstruction such as a pipe or line that needs to be rewired or needs to be accessible. This projects is a first of its kind, and a bulk of the challenges was coordinating and comments from the city.



Drawing 2e: Enlarged BLDG 2 Plans showing a typical fire exit path for units, net area for units and Emergency exit window.



Drawing 4e: Typical Cartooned enlarged section call outs, we make in the office to relay as much information to our consultants



Drawing 3e : Superstudio 60's showing how the rectilinear grid is Omnipresence and can invade everywhere. Inside of the grid, anything could happen.

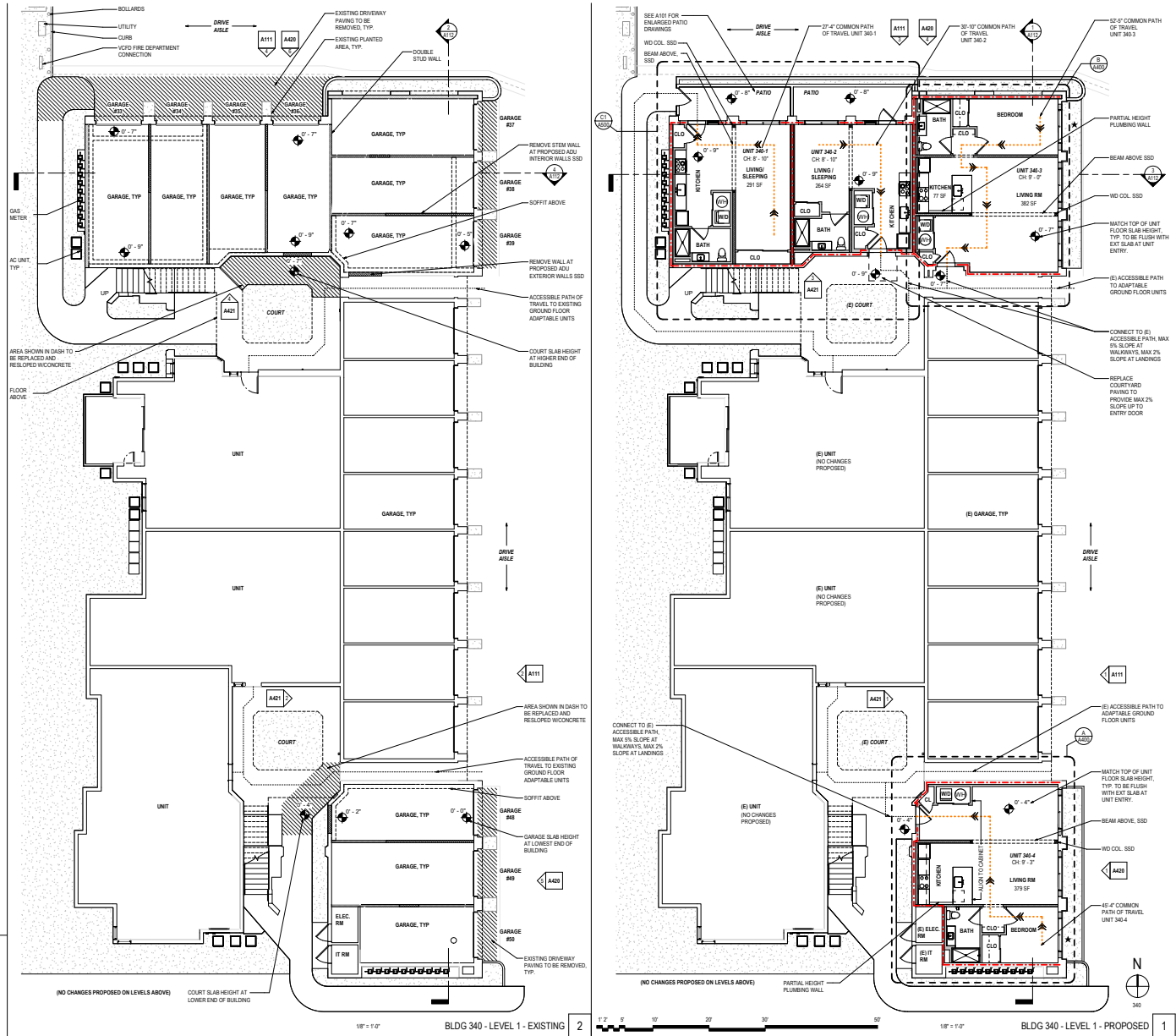
Drawing 5e: Elevations for proposed recessed patios, showing new window and unit entry in existing arch opening. With typical call outs and site specific notes



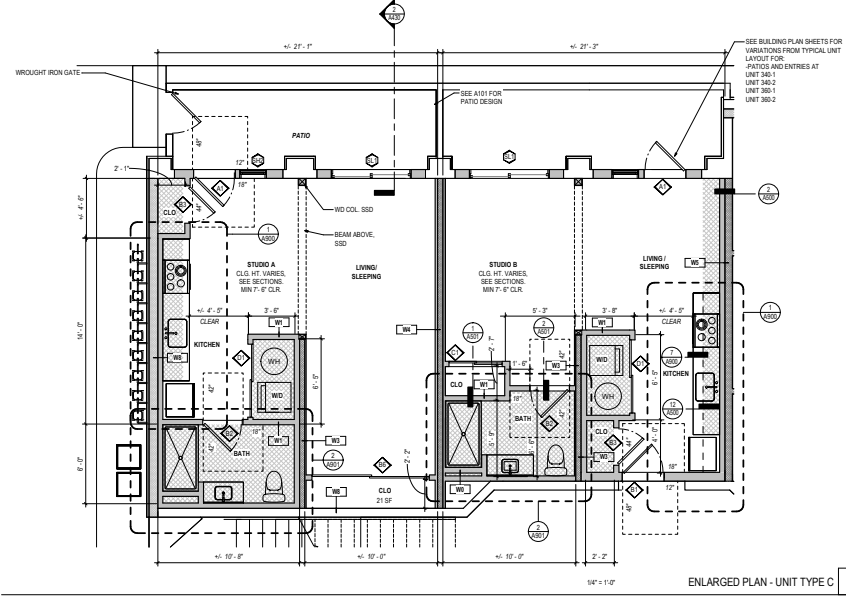
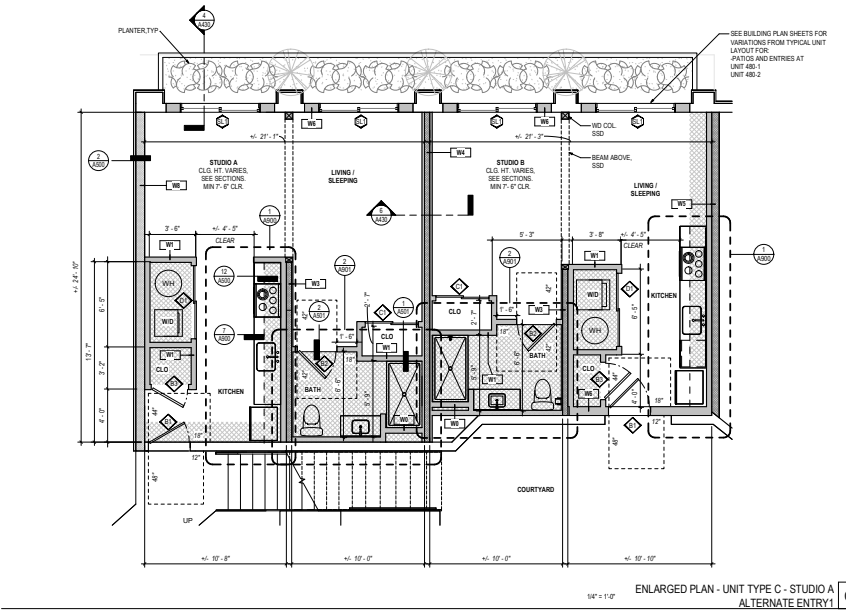
Professional
Openscope Studio | Housing | Role: Junior Designer

This project rethinks the possible use of an existing ground floor garage, the projects takes advantage of California new ADU laws, AB 68 and AB 881. These new laws allow for the construction of an additional 25% of your existing unit count and not require new parking to be provided. This project is still on going, the scope of the project is the alteration of existing ground floor garage areas to create 15 accessory dwelling units The location of the units were the result of which garages were unoccupied by tenets and tenant looking to downgrade from having a garage.

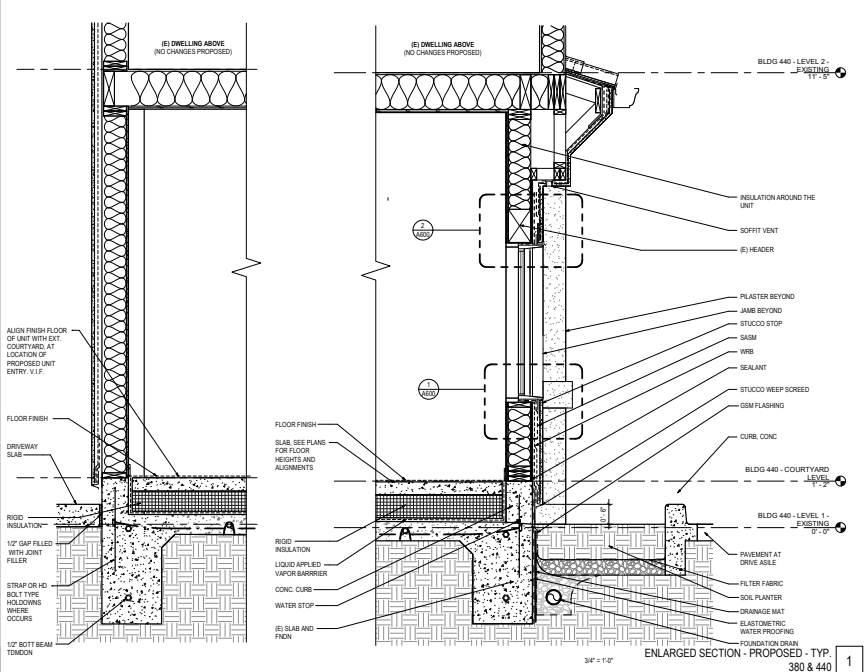
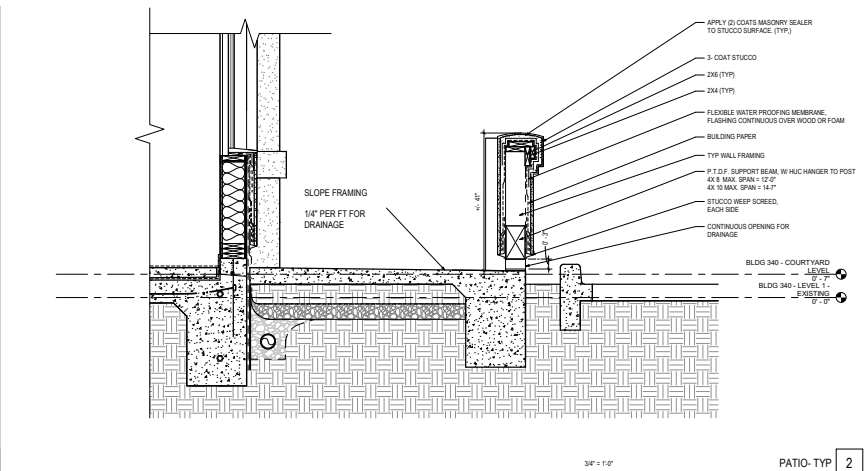
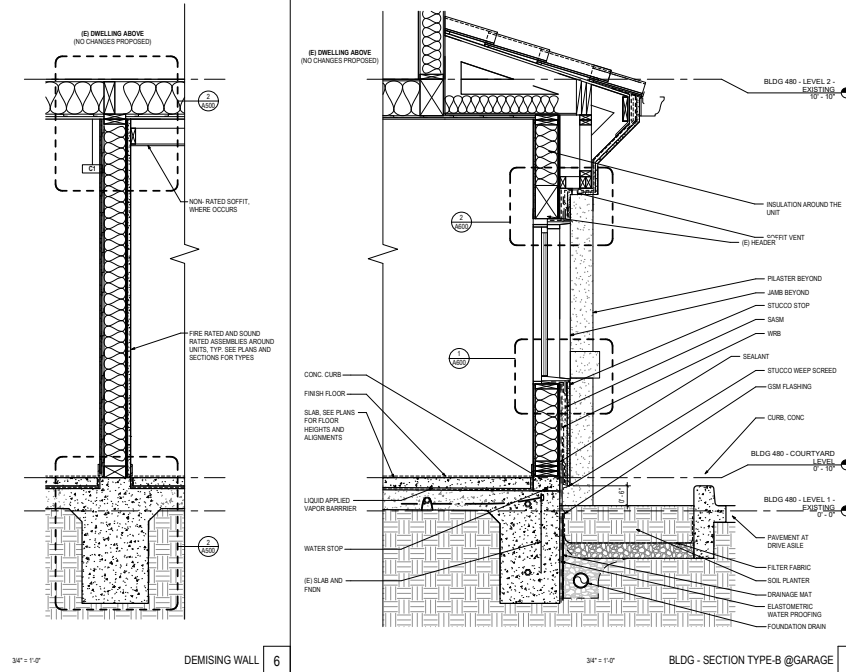
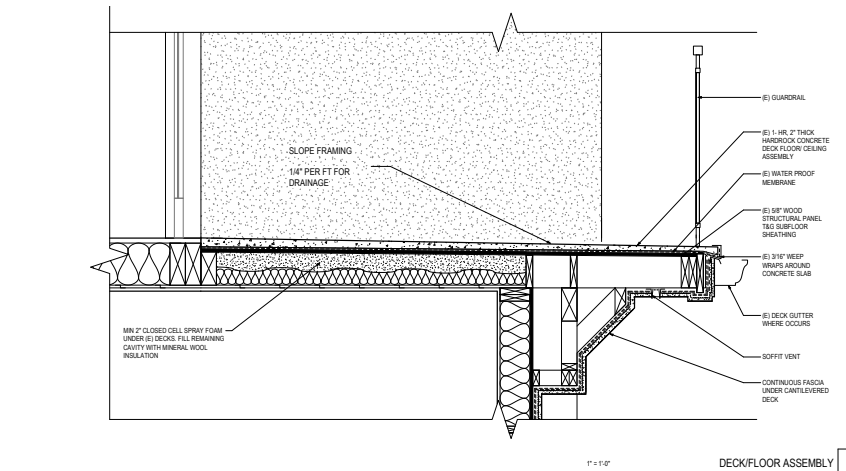
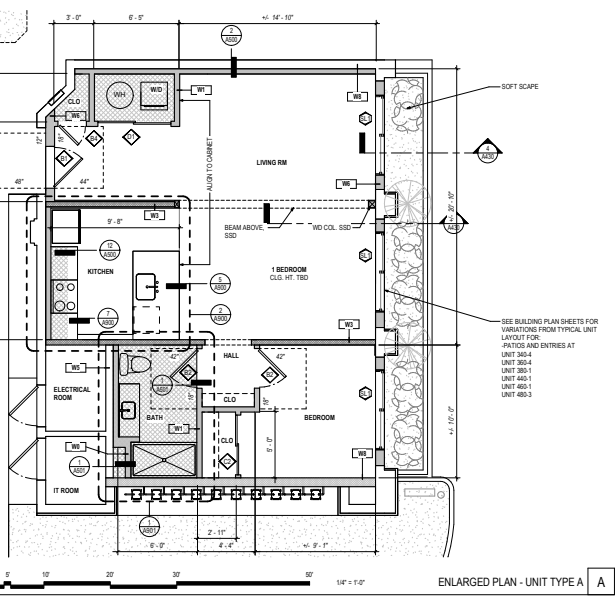
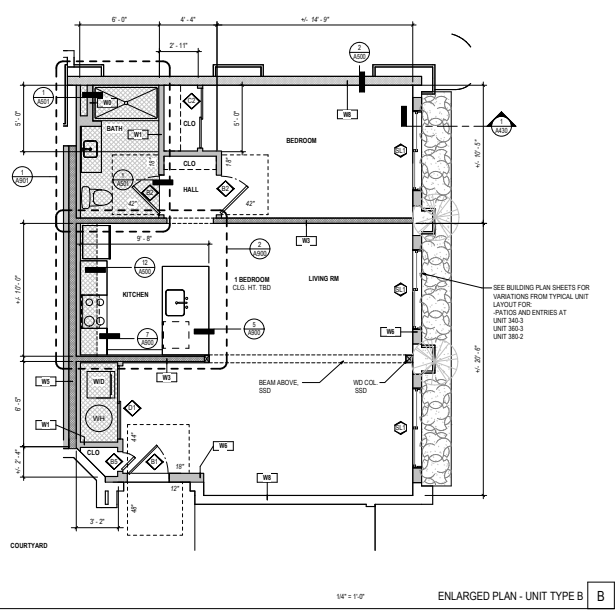
As a Junior designer I was tasked with setting up the model and drawings, picked up comments from meetings and redlines. I worked on this project from schematic design to construction documents. One of the main challenges for this Design was identifying all the typical Unit types, designing around the existing conditions and coordinating with structure on the shear walls.



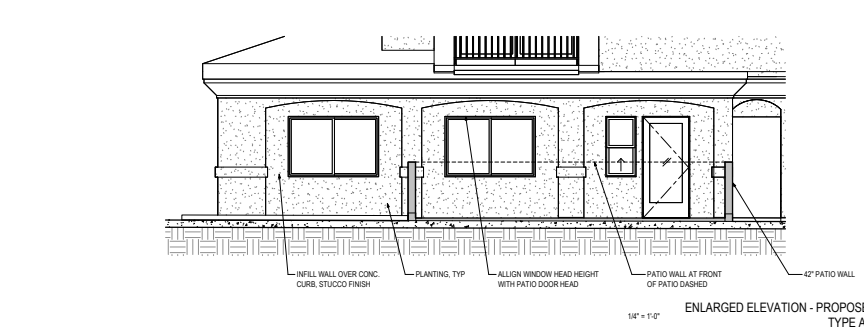
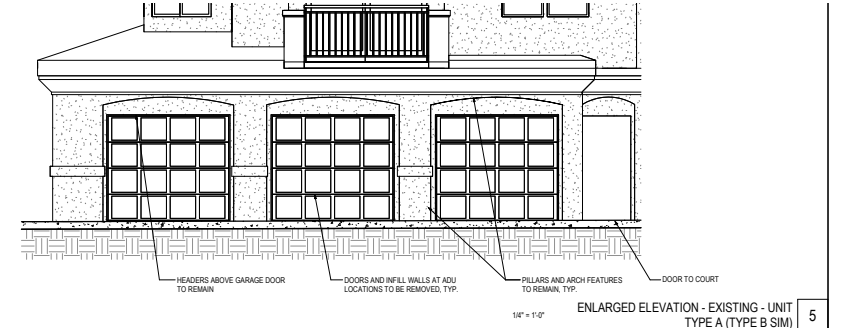
Drawing 2f: Enlarged BLDG 340 plans showing a typical fire exit path for units, wall legend, key plan, net area for units, emergency exit window and notes. The left is the existing plans and the right are the proposed plans of BLDG 340. Altho this conversion may not seem typical, the apartment does have existing units on the ground floor away from the drive aisle.



LIGHT & AIR REQUIREMENTS					
NAME	AREA	LIGHT REQ (FPM)	AIR REQ (CFM)	AIR REQ (CFM)	AIR REQ (CFM)
UNIT 380-1					
LIVING / SLEEPING	201 SF	103.5 SF	107.1 SF	111.6 SF	102.9 SF
KITCHEN	57 SF	28.5 SF	29.3 SF	30.2 SF	28.5 SF
BATH	51 SF	25.5 SF	26.3 SF	27.2 SF	25.5 SF
UNIT 380-2					
LIVING RM	180 SF	90.0 SF	92.0 SF	95.0 SF	88.4 SF
BEDROOM	101 SF	50.5 SF	51.5 SF	53.0 SF	50.7 SF
UNIT 380-3					
LIVING RM	276 SF	138.0 SF	141.0 SF	145.0 SF	138.4 SF
BEDROOM	144 SF	72.0 SF	73.5 SF	76.0 SF	72.7 SF
UNIT 380-4					
LIVING RM	180 SF	90.0 SF	92.0 SF	95.0 SF	88.4 SF
BEDROOM	101 SF	50.5 SF	51.5 SF	53.0 SF	50.7 SF
UNIT 380-5					
LIVING RM	180 SF	90.0 SF	92.0 SF	95.0 SF	88.4 SF
BEDROOM	101 SF	50.5 SF	51.5 SF	53.0 SF	50.7 SF
UNIT 380-6					
LIVING RM	180 SF	90.0 SF	92.0 SF	95.0 SF	88.4 SF
BEDROOM	101 SF	50.5 SF	51.5 SF	53.0 SF	50.7 SF
UNIT 380-7					
LIVING RM	180 SF	90.0 SF	92.0 SF	95.0 SF	88.4 SF
BEDROOM	101 SF	50.5 SF	51.5 SF	53.0 SF	50.7 SF
UNIT 380-8					
LIVING RM	180 SF	90.0 SF	92.0 SF	95.0 SF	88.4 SF
BEDROOM	101 SF	50.5 SF	51.5 SF	53.0 SF	50.7 SF
UNIT 380-9					
LIVING RM	180 SF	90.0 SF	92.0 SF	95.0 SF	88.4 SF
BEDROOM	101 SF	50.5 SF	51.5 SF	53.0 SF	50.7 SF
UNIT 380-10					
LIVING RM	180 SF	90.0 SF	92.0 SF	95.0 SF	88.4 SF
BEDROOM	101 SF	50.5 SF	51.5 SF	53.0 SF	50.7 SF
UNIT 380-11					
LIVING RM	180 SF	90.0 SF	92.0 SF	95.0 SF	88.4 SF
BEDROOM	101 SF	50.5 SF	51.5 SF	53.0 SF	50.7 SF
UNIT 380-12					
LIVING RM	180 SF	90.0 SF	92.0 SF	95.0 SF	88.4 SF
BEDROOM	101 SF	50.5 SF	51.5 SF	53.0 SF	50.7 SF
UNIT 380-13					
LIVING RM	180 SF	90.0 SF	92.0 SF	95.0 SF	88.4 SF
BEDROOM	101 SF	50.5 SF	51.5 SF	53.0 SF	50.7 SF
UNIT 380-14					
LIVING RM	180 SF	90.0 SF	92.0 SF	95.0 SF	88.4 SF
BEDROOM	101 SF	50.5 SF	51.5 SF	53.0 SF	50.7 SF
UNIT 380-15					
LIVING RM	180 SF	90.0 SF	92.0 SF	95.0 SF	88.4 SF
BEDROOM	101 SF	50.5 SF	51.5 SF	53.0 SF	50.7 SF
UNIT 380-16					
LIVING RM	180 SF	90.0 SF	92.0 SF	95.0 SF	88.4 SF
BEDROOM	101 SF	50.5 SF	51.5 SF	53.0 SF	50.7 SF
UNIT 380-17					
LIVING RM	180 SF	90.0 SF	92.0 SF	95.0 SF	88.4 SF
BEDROOM	101 SF	50.5 SF	51.5 SF	53.0 SF	50.7 SF
UNIT 380-18					
LIVING RM	180 SF	90.0 SF	92.0 SF	95.0 SF	88.4 SF
BEDROOM	101 SF	50.5 SF	51.5 SF	53.0 SF	50.7 SF
UNIT 380-19					
LIVING RM	180 SF	90.0 SF	92.0 SF	95.0 SF	88.4 SF
BEDROOM	101 SF	50.5 SF	51.5 SF	53.0 SF	50.7 SF
UNIT 380-20					
LIVING RM	180 SF	90.0 SF	92.0 SF	95.0 SF	88.4 SF
BEDROOM	101 SF	50.5 SF	51.5 SF	53.0 SF	50.7 SF



Drawing 4f: Typical Cartooned enlarged section call outs, we make in the office to relay as much information to our consultants



Drawing 5f: Elevations for proposed patios, showing new window and unit entry in existing garage opening. With typical call outs and site specific notes