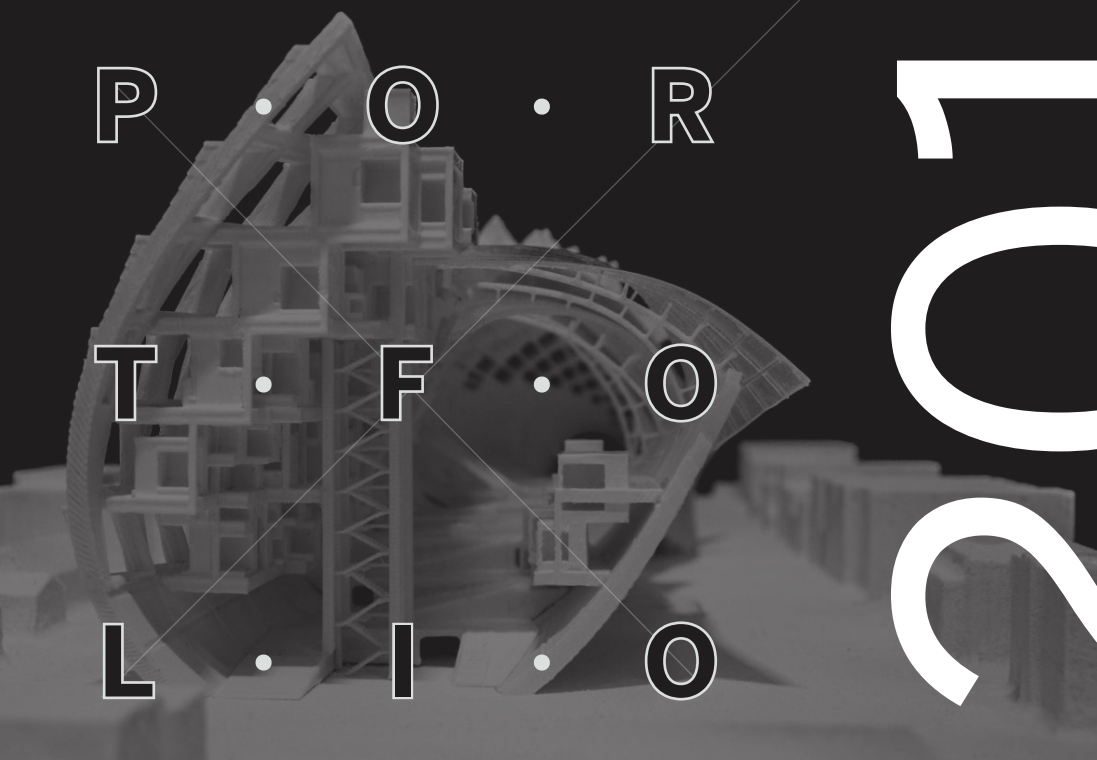
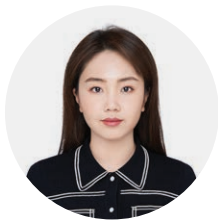


Portfolio of Selected Architectural Works
2011-2021

Ruoya Li

李 若雅





RUOYA 李若雅 LI

Architectural Designer

lrylry@hotmail.com

669-301-8206



EDUCATION

- 2011 - 2016 • Bachelor of Science in Architecture at **Kent State University** 📍 Kent, OH, USA
- 2016 - 2018 • Master of Architecture at **Southern California Institute of Architecture (SCI-Arc)** 📍 Los Angeles, CA, USA



WORK EXPERIENCE

- 2021 • Architectural Designer at **Gensler** 📍 Beijing, China
 - Created 3D models, detailed visualizations and animations to communicate design concepts to stakeholders.
 - Developed custom algorithms and scripts using Grasshopper to generate the parametric architecture design.
 - Utilized Rhino built-in API to create scripts in C# for automating tasks and enhancing the software functionality
- 2019 - 2021 • Junior Designer 2 at **Steinberg Hart** 📍 San Jose, CA, USA
 - Designed and developed detailed 3D models and renderings for a variety of commercial and residential projects.
 - Developed custom tools using Python and JavaScript to automate BIM workflows and improve efficiency in various commercial, residential, and education projects with budgets of up to \$100 million projects.
 - Led virtual model creation using VR technology for immersive visualizations and simulations of design.
- 2017 Summer • Architecture Intern at **StudioTEKA** 📍 New York, USA
 - Participated in project 2100: A Dystopian Utopia / The City After Climate Change;
 - Produced 3D models, animation and video clips;
- 2015 Summer • Architecture Intern at **Chinese Academy of Building Research** 📍 Beijing, China
 - Prepared and maintained various architectural documents;
 - Developed 3D models;
 - Participated in the schematic design phase;
 - Participated in design review;

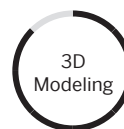


REWARDS

- 2018 • UIA-HYP Cup 2018 International Student Competition in Architectural Design
Jury Chairman: Patrik Schumacher
The Honorable Mentions - Top 34 from 2000 teams
- 2018 • Sci-Arc Spring Show | Exhibition 2018



PROFESSIONAL SKILLS



Revit (BIM)
Rhino
Sketchup
Maya
Grasshopper
AutoCAD



Adobe Photoshop
Adobe Illustrator
Adobe Indesign
AfterEffect
Enscape
Lumion



ABOUT ME

Architectural designer with history in the Residential, Commercial and Education industries. Strong arts and design professional skilled in various platforms inclusive of but not limited to Revit, Rhinoceros 3D, Grasshopper, SketchUp, AutoCAD, Enscape and Adobe applications.

Self-motivated problem solver, striving to consistently improve efficiency. A dependable, collaborative, positive player in team-oriented environments. Empowered by learning, diligent work, a balanced life, and new experiences.



RECOMMENDATION

Roya Li was a student in my advanced design studio at Sci Arc, Spring, 2018. Roya is an exceptional young architect. Imaginative, adventurous, independent. Not tied to a particular idiom or ideology, but interested in a kind of perpetual invention and reinvention. Major conceptual dexterity, including great facility to communicate design ideas using a large range of drawing and modeling types. Never seems to get to the end of that exploratory process. And enjoys the journey. Roya is congenial, constantly hard at work, and easy to work with. I recommend her most highly.



Eric Owen Moss

It is my pleasure and honor to recommend Ruoya Li for the role of Junior Designer. As the Managing Principal of Steinberg Hart in San Jose, I have worked with Ruoya for 2 years where she used her excellent visualization and concept design skills to deliver spectacular results in the role of Designer. I am confident that Ruoya's exceptional skills, professional experience, and personal qualities will make her a powerful asset to any design firm. As a Designer, Ruoya constantly demonstrated an exceptional ability to craft and curate design narratives, as well as superb graphic presentation skills. In particular, her skills in preparing concept design diagrams and 3D views and videos grasping the essence of the project helped increase the design capabilities of the office. What's more, Ruoya's extraordinary focus and precision on her work always made her a stand-out member of the team. Whenever there were critical deadlines to meet, she showcased her superb ability to jump right into the project and provide a quality product at the end. Unfortunately, Ruoya decided to move back home and we no longer have the pleasure of working with her. Her loss is greatly felt, but she will undoubtedly continue to thrive in her new endeavors. Ruoya has my highest recommendation. I have no doubt she will make a strong addition to your team. Please feel free to contact me if you have any questions.



Katia McClain
Managing Principal of Steinberg Hart



SELECTED PROJECT EXPERIENCE

WORKPLACE

Office Buildings

CGDG Xiamen Center, Xiamen, China



CMG Dalian Tower, Dalian, China



4900 – 5000 Hopyard Road, Pleasanton, CA *

SJC Facilities Division & SJPD, San Jose, CA *

Size (sq ft)

834,000

1,285,000

COMMUNITY

Education

Qingdao Rehabilitation University, Qingdao, China



Tongshan Sports Town Sports College, Yizheng, China



Yunnan Arts University Wen Hua College, Yunnan, China



San Jose City College Career Education Complex, San Jose, CA *

IAC URP 9 – Student Housing ASAs, Irvine, CA *

5,700,000

2,150,000

328,000

90,000

Aviation

San Jose International Airport Economy Parking Garage, San Jose, CA *

Senior Living

Tasman Atria, Santa Clara, CA *

SPORTS

Yantai Bajiao Bay International Sports Oriented Mixed Use, Yantai, China

2,840,000



INTERIOR DESIGN

CFLD Nanjing Dajiaochang Office Building Public Space, Nanjing, China



RESIDENTIAL

The Carlysle, San Jose, CA *

158,000

Santa Clara Agrihood, Santa Clara, CA *

252,800

9001 Santa Monica Blvd ASA's, West Hollywood, CA *

Evelyn St., Mountain View Ent. ASAs, Mountain View, CA *

Wilshire La Jolla Unit Re-Design, Los Angeles, CA *

Redwood Avenue Parcels, San Jose, CA *

Sunnyvale Block 15, Sunnyvale, CA *

MIXED USE

E. Santa Clara, San Jose, CA *

120,661

3118 Patrick Henry, Santa Clara, CA *

109,600

Park Delmas III Capacity Study, San Jose, CA *

250 Stockton, San Jose, CA *

Reed & Graham Property, San Jose, CA *

333 La Cienega, Los Angeles, CA *

SJSC Tower Mixed-use, San Jose, CA *

Potrero Power Station, San Francisco, CA *

* Experience Prior to Gensler

Portfolio

Contents

01.

San Jose City College Career Education Complex

P6-17

The Career Education program at San Jose City College focuses on providing students with the educational teachings and experiences to elevate their academic and professional futures. The new state-of-the-art Career Education Complex will be designed to foster student success with career-focused learning, allowing these future leaders to exceed their needs for the present and their goals for tomorrow.

02.

The Carlyle

P18-31

The Carlyle, is 21 story, mixed-use Class A high-rise building containing 158,000 RSF of office, 290 apartments, located in downtown San Jose 2 blocks from Google's new 80 acres San Jose Campus.

03.

The merchant of Venice Vortex+

P32-45

The studio project is to design an affordable housing community in Venice, California. The project performs an essential social service, and it represents to the local community the capacity of its design to transcend the long held conventional perception that, in this typological context, social service is prioritized over design content.

04.

Design Development Integrated Design Project

P46-51

The project includes a review of basic and advanced construction methods, analysis of building codes, the design of structural and mechanical systems, environmental systems, and buildings service systems. It also demonstrates the ability to document a comprehensive architectural project and stewardship of the environment.

05.

Other Selected Works

P52-53

Other Selected Architectural Works from 2011-2021
Including Academic Works and Professional Works

SAN JOSÉ CITY COLLEGE

圣何塞城市学院

CAREER EDUCATION COMPLEX

职业教育综合体

TYPE:	Professional Work with Steinberg Hart
Program:	Education
Location:	San José, California, USA
Date:	March, 2020 - Present

The Career Education Complex is the flagship project of the San José Evergreen Community College District's Measure X Bond Program. The Complex will be a state-of-the-art facility built to support authentic learning and student success in academic pursuits and in the local economy.

The complex will be comprised of a new 90,000 SF facility and a renovation of an existing structure, suited for specific career education programs. The completed facility will provide space for a variety of programs, including flexible active learning classrooms, tech-rich labs for skilled workers, health sciences, business information systems, and campus IT disciplines, faculty offices, student support spaces, lecture halls, cafe and dining areas. These programs are distributed over four levels and connected through a vertical network of outdoor terraces, multi-story biophilic gardens, and a unifying central atrium that welcomes the campus and surrounding community. The design creates an architectural connection to the neighboring renovated structure, which will contain programs dedicated to facilities management, iron workers, building systems, Emergency Medical Services (EMS), and general classroom and lab spaces.

The new CE building is "lifted" off the ground to allow social gathering areas to flow underneath, which will unify the complex and promote outdoor learning. The north façade of the new facility will face the campus pedestrian mall, creating a natural front door, while a series of north-south pedestrian spines will improve campus connections for the community. A connecting network of plazas, landscaped areas and industrial teaching yard will seamlessly tie the buildings together into one large complex, creating a new landmark for the campus and surrounding region.





1 SITE PLAN
SCALE: 1"=500' 0"



2 SITE PLAN
SCALE: 1"=150' 0"



This project includes a new building for Career Education, renovation of Building 200, and site work required to join the facilities into one complex to house labs, classrooms, support spaces, offices, and shared student life spaces.

The Career Education program at San Jose City College focuses on providing students with the educational teachings and experiences to elevate their academic and professional futures. The new state-of-the-art Career Education Complex will be designed to foster student success with career-focused learning, allowing these future leaders to exceed their needs for the present and their goals for tomorrow.



Clouds **float** above,
defining our experience below.



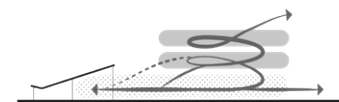
The cloud is **dynamic** and
shape-shifting.
It **coalesces** and **dissipates**.



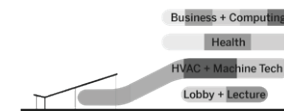
The cloud is **equitable**
connected and **collaborative**.



Cloud as a
floating element.

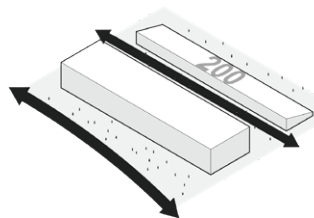


Circulation that
flows through the cloud.

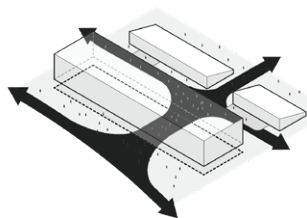


Vertical stacking of
Centers of Excellence

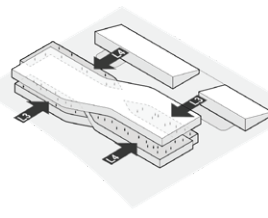
A place for people and ideas...



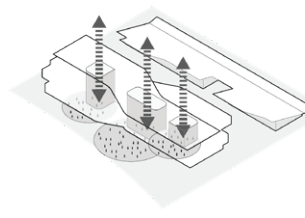
...not separate...



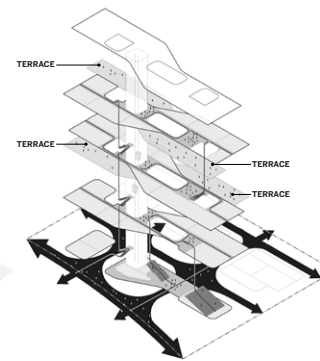
...but connected...



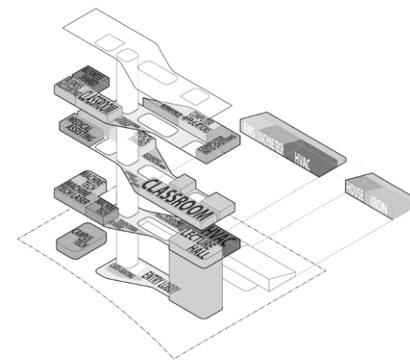
...distributed...



...and unified...



circulation



program

1 OVERALL FLOOR PLAN - LEVEL 01
SCALE: 1"=80'-0"

3 OVERALL FLOOR PLAN - LEVEL 03
SCALE: 1"=80'-0"

2 OVERALL FLOOR PLAN - LEVEL 02
SCALE: 1"=80'-0"

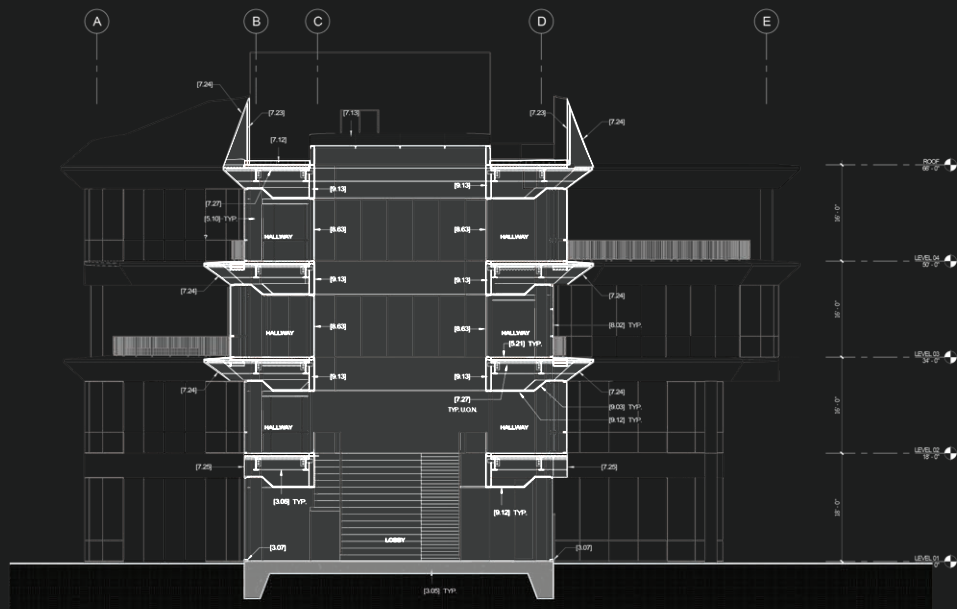
4 OVERALL FLOOR PLAN - LEVEL 04
SCALE: 1"=80'-0"



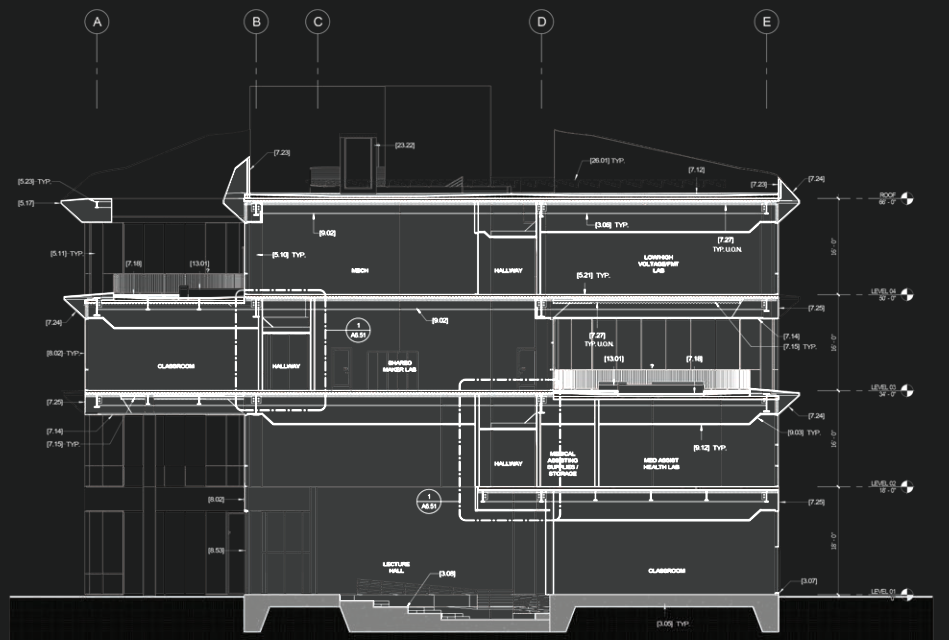


1 BUILDING SECTION - OVERALL
SCALE: 1"=40'-0"





1 BUILDING SECTION - LOBBY ATRIUM
SCALE: 1"=32'-0"



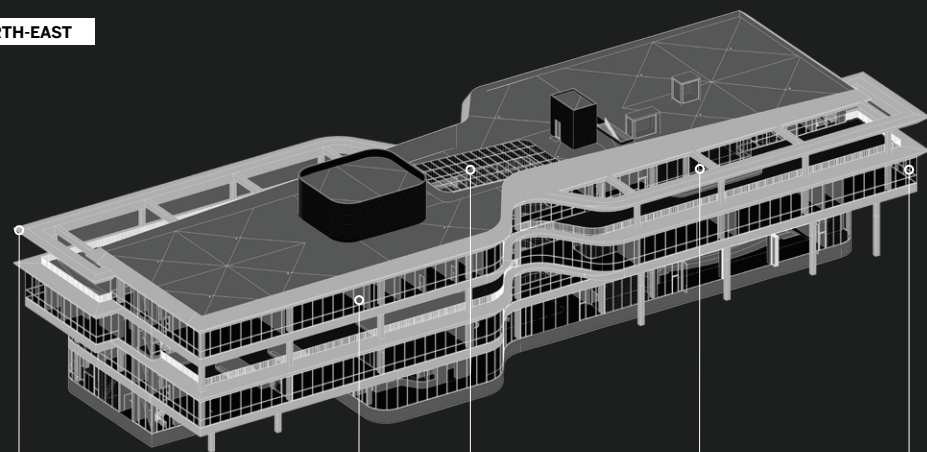
2 BUILDING SECTION - LECTURE HALL
SCALE: 1"=32'-0"

0' 8' 16' 24' 32'





NORTH-EAST



EXTERIOR METAL
PANEL ASSEMBLY

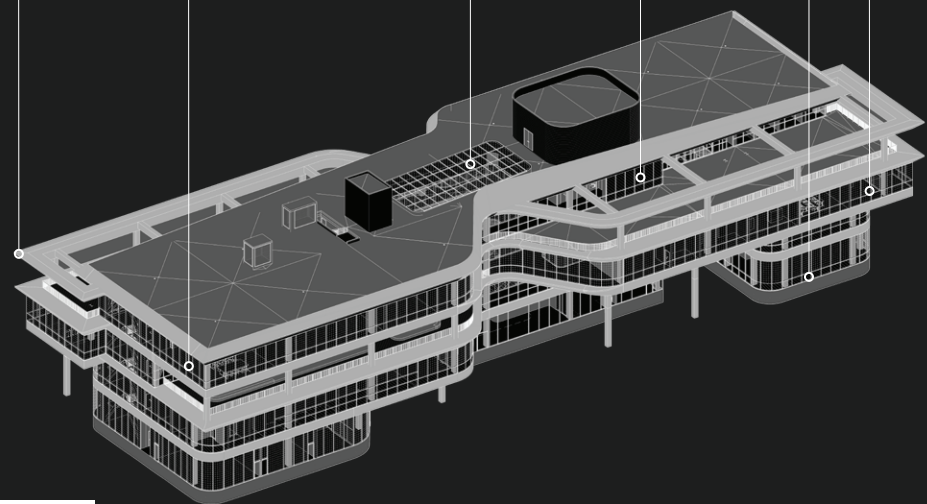
VISION GLAZING
WITH FRIT

CLEAR VISION
GLAZING

OPEN
SKYLIGHT

SPANDREL
GLAZING WITH
FRIT

VISION GLAZING
WITH FRIT



SOUTH-WEST

THE CARLYSLE

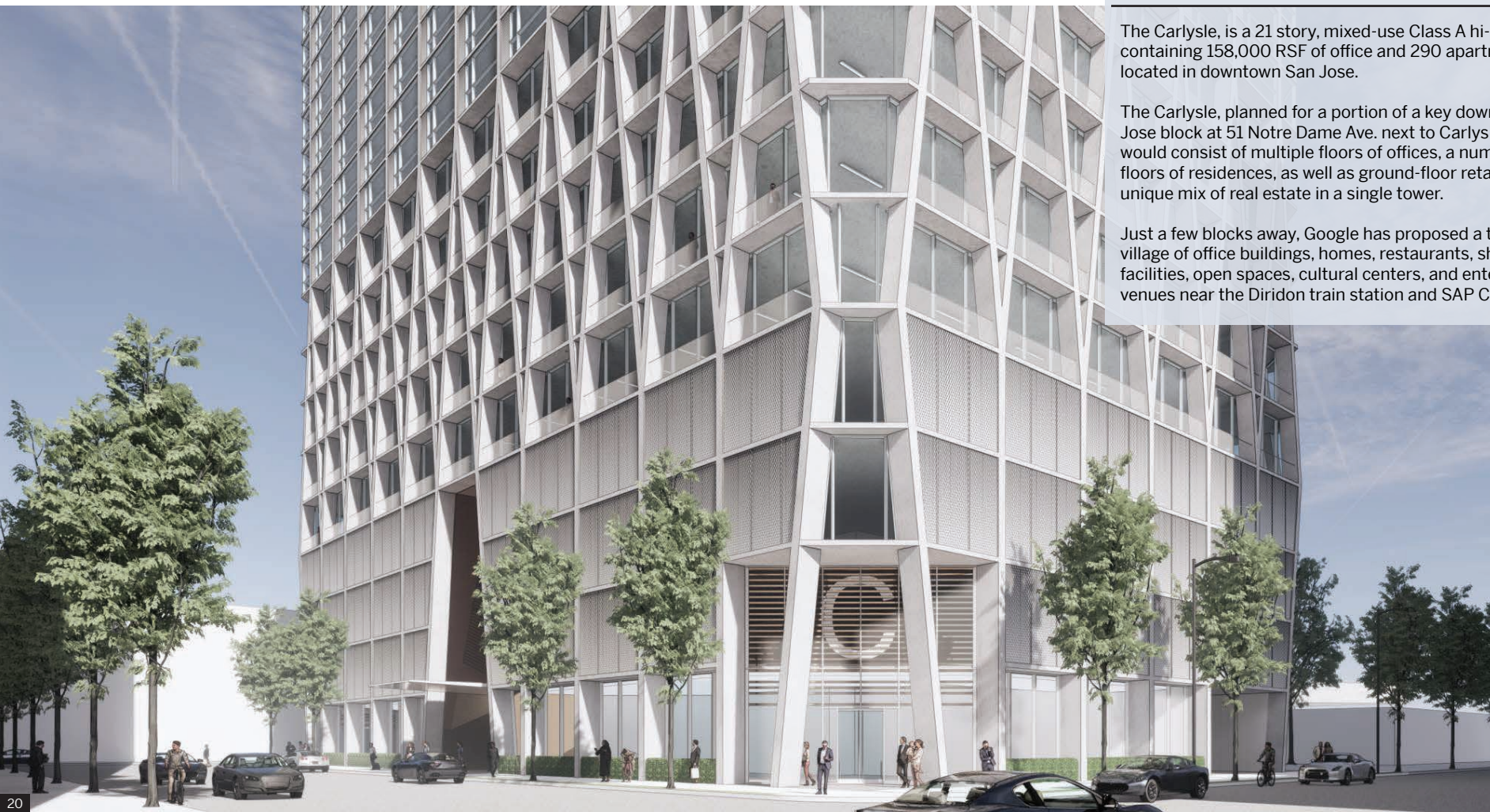
Mixed-Use High Rise Building

TYPE:	Professional Work with Steinberg Hart
Program:	Mixed-Use Class A hi-rise building
Location:	San José, California, USA
Date:	October, 2019 - Present

The Carlysle, is a 21 story, mixed-use Class A hi-rise building containing 158,000 RSF of office and 290 apartments located in downtown San Jose.

The Carlysle, planned for a portion of a key downtown San Jose block at 51 Notre Dame Ave. next to Carlysle Street, would consist of multiple floors of offices, a number of floors of residences, as well as ground-floor retail, creating a unique mix of real estate in a single tower.

Just a few blocks away, Google has proposed a transit village of office buildings, homes, restaurants, shops, hotel facilities, open spaces, cultural centers, and entertainment venues near the Diridon train station and SAP Center.





SAN JOSE DOWNTOWN PROJECT PROPOSAL



OFFICE

150,000 SF of office 5 floors



THE GOOGLE EFFECT

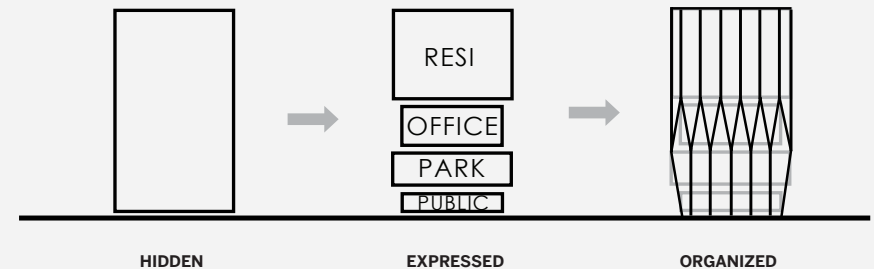
The project is located 2 blocks from Google's new 80 Acre San Jose Campus that will be home to 20-25,000 Google employees



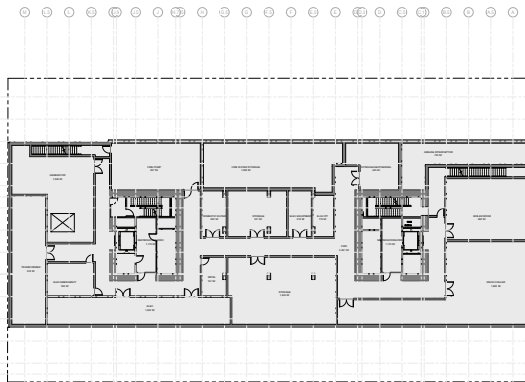
APARTMENT

Apartments located on 12 floors

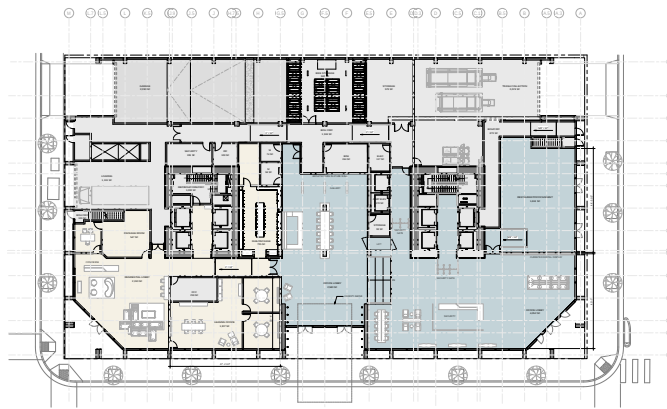
SAN JOSE DOWNTOWN PLAN



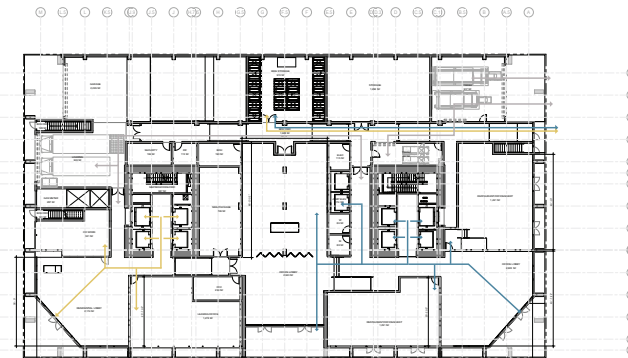
PROGRAM AS DRIVE



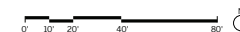
1 OVERALL FLOOR PLAN - BASEMENT LEVEL
SCALE: 1"=80'-0"



2 OVERALL FLOOR PLAN - LEVEL 1
SCALE: 1"=80'-0"

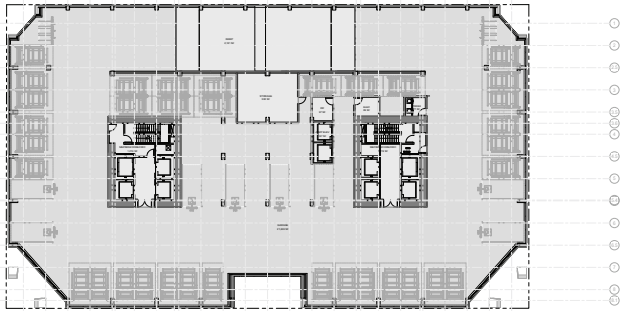


3 OVERALL FLOOR PLAN - LEVEL 1 - CIRCULATION
SCALE: 1"=80'-0"



The ground floor has been rationally redesigned to make the program division more obvious. By separating the car circulation, the retail space, the residential lobby and the office lobby, the circulation of each program become more clear.

1 OVERALL FLOOR PLAN - LEVEL 2
SCALE: 1"=80'-0"



2 OVERALL FLOOR PLAN - LEVEL 3-4
SCALE: 1"=80'-0"



WEST PERSPECTIVE



N-E PERSPECTIVE
REFINED DESIGN



EAST PERSPECTIVE

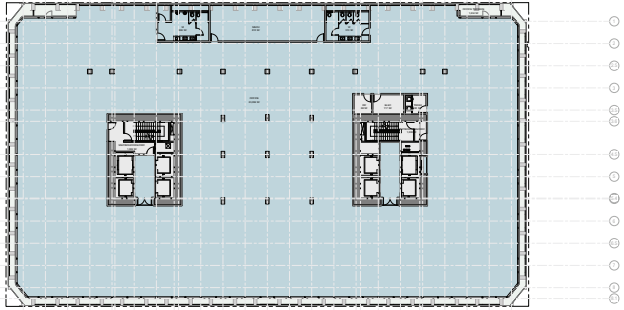


N-E PERSPECTIVE
REFINED DESIGN

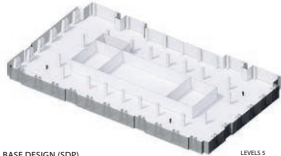


N-W PERSPECTIVE
REFINED DESIGN

3 OVERALL FLOOR PLAN - LEVEL 5-9 (OFFICE)
SCALE: 1"=80'-0"



BASE DESIGN (SDP)
LEVELS 5-9
TOTAL FACADE AREA 50,155 SF



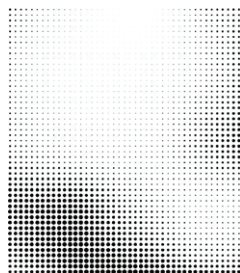
LEVELS 5-9
FACADE AREA 44,300 SF PER FLOOR

FACADE AREA DIFFERENCE = 5855 SF (*105 \$/SF) = \$ 614,775
* TO BE CONFIRMED WITH BUILD GROUP

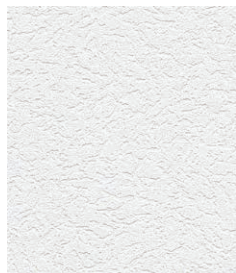


OPTION 1
LEVELS 5-9
TOTAL FACADE AREA 44,300 SF

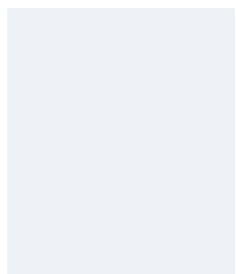
BUILDING FACADE ANALYSIS
TOTAL FACADE AREA (OFFICE LEVEL 5-9)



PERFORATED METAL PANEL GARAGE SCREEN



GFRP / PRECAST CONCRETE



WINDOW WALL GLAZING SYSTEM
• VISION GLASS
• SPANDREL GLASS
• METAL PANEL



CAST IN PLACE CONCRETE STRUCTURE

WINDOW WALL GLAZING SYSTEM
• VISION GLASS
• METAL PANEL
• OPERABLE W

RESIDENTIAL
OFFICE

WINDOW WALL GLAZING SYSTEM
• VISION GLASS

CAST IN PLACE CONCRETE
STRUCTURE

OFFICE
PARKING

PERFORATED METAL
PANEL GARAGE SCREEN



Early design decisions such as massing, orientation and building openings will have maximum impact on the daylight access, heating and cooling load reduction, natural ventilation feasibility and indoor/outdoor thermal and air quality. Well-designed daylight space has powerful positive impact on office employees' comfort, well-being, and productivity. Buildings need to be oriented and designed to bring as much daylight as possible into occupied spaces.

Is there enough Daylight in the space?

Spatial Daylight Autonomy (sDA) examines whether a space receives enough daylight during standard operating hours (8 a.m. to 6 p.m.) on an annual basis. An sDA value of **75 percent** indicates a space in which daylighting is **"preferred"** by occupants; that is, occupants would be able to work comfortably there without the use of any **electric lights**, and find the daylight levels to be sufficient. An sDA value between **55 percent** and **74 percent** indicates a space in which daylighting is **"nominally accepted"** by occupants.

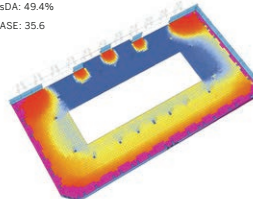
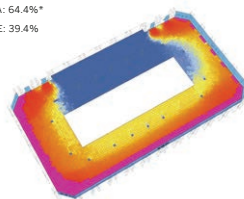
ASE: Annual Sunlight Exposure (Direct Sun in the Space)

Percentage of regularly occupied spaces can exceed 1000 lux of direct sunlight for more than 250 hours per year (ASE 1000 lux, 250 hours).

The **LEED** credit requires a minimum of **55% sDA** and maximum of **30% ASE**.

EXTERNAL STRUCTURE
sDA: 64.4%*
ASE: 39.4%

INTERNAL STRUCTURE
sDA: 49.4%
ASE: 35.6



* 64.4% of the office floor area achieves a minimum of 300 lux for half of the analysis.

0 100

DA (% TIME > 300 lux)

Daylight Autonomy (DA) is represented as a percentage of annual daytime hours that a given point in a space is above a specified illumination level.

(> 5% > 3000 lux)

EXTERNAL STRUCTURE

Pros:
• Higher Daylight level
• Deeper Light Penetration
• Eliminate the need of Spandrel
• Structure acts as a shading strategy
Cons:
• Marginally higher level of Glare

INTERNAL STRUCTURE

Pros:
• Marginally lower level of Glare
• Intermittently higher daylight level in Northern Zone (only when North lot is undeveloped)
Cons:
• Lower Daylight level
• The need for Spandrel via raised window sill condition at glazing line

Early design decisions such as massing, orientation and building openings will have maximum impact on the daylight access, heating and cooling load reduction, natural ventilation feasibility and indoor/outdoor thermal and air quality. Well-designed daylight space has powerful positive impact on office employees' comfort, well-being, and productivity. Buildings need to be oriented and designed to bring as much daylight as possible into occupied spaces.

Is there enough Daylight in the space?

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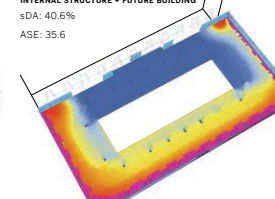
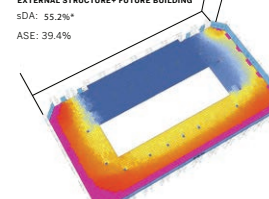
ASE: Annual Sunlight Exposure (Direct Sun in the Space)

Percentage of regularly occupied spaces can exceed 1000 lux of direct sunlight for more than 250 hours per year (ASE 1000 lux, 250 hours).

The **LEED** credit requires a minimum of **55% sDA** and maximum of **30% ASE**.

EXTERNAL STRUCTURE + FUTURE BUILDING
sDA: 55.2%*
ASE: 39.4%

INTERNAL STRUCTURE + FUTURE BUILDING
sDA: 40.6%
ASE: 35.6



* 54% of the office floor area achieves a minimum of 300 lux for half of the analysis hours.

0 100

DA (% TIME > 300 lux)

Daylight Autonomy (DA) is represented as a percentage of annual daytime hours that a given point in a space is above a specified illumination level.

(> 5% > 3000 lux)

EXTERNAL STRUCTURE

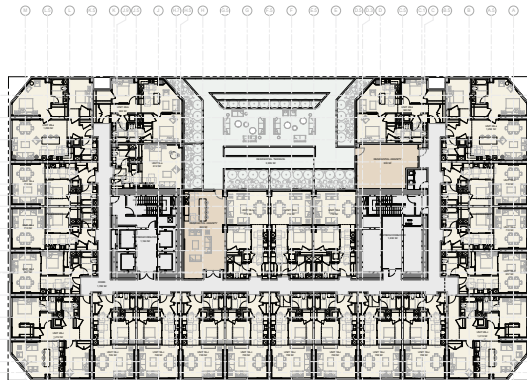
Pros:
• Higher Daylight level
• Deeper Light Penetration
• Eliminate the need of Spandrel
• Structure acts as a shading strategy
Cons:
• Marginally higher level of Glare

INTERNAL STRUCTURE

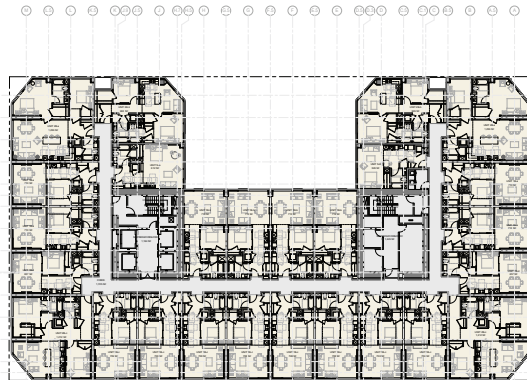
Pros:
• Marginally lower level of Glare
Cons:
• Lower Daylight level
• The need for Spandrel via raised window sill condition at glazing line

A MAINTAINED MATERIAL PALETTE

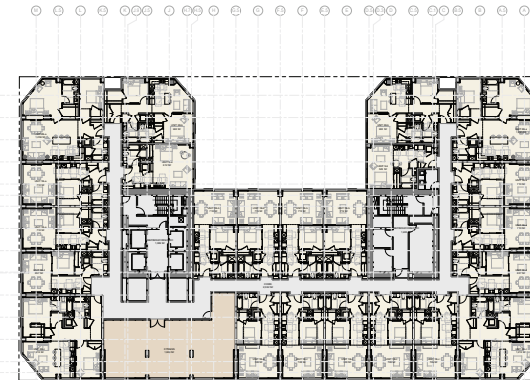
DAYLIGHT ANALYSIS



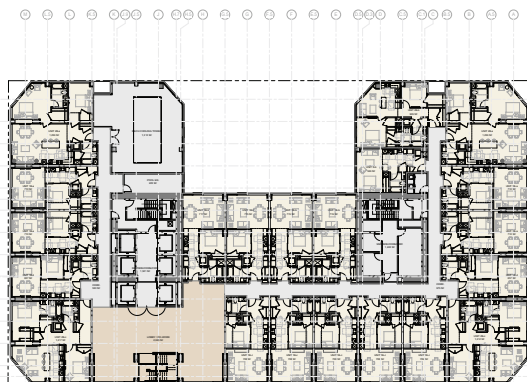
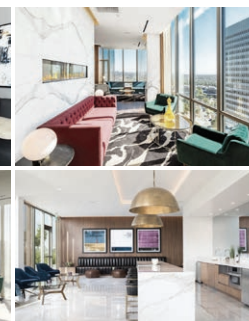
1 OVERALL FLOOR PLAN - LEVEL 10
SCALE: 1"=80'-0"



2 OVERALL FLOOR PLAN - LEVEL 11-18
SCALE: 1"=80'-0"



3 OVERALL FLOOR PLAN - LEVEL 19
SCALE: 1"=80'-0"



4 OVERALL FLOOR PLAN - LEVEL 20
SCALE: 1"=80'-0"

RESIDENTIAL UNIT MIX

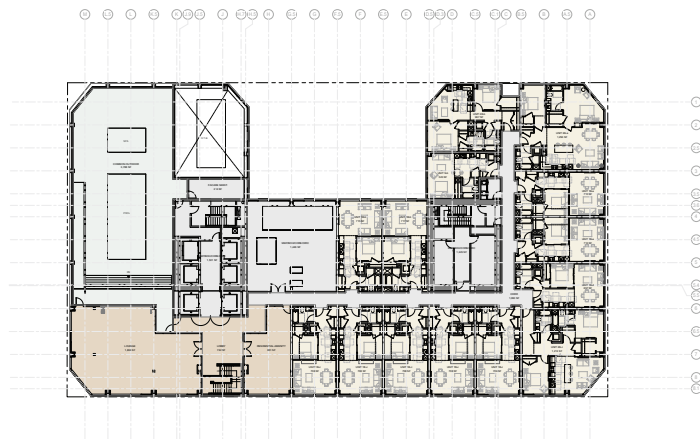
	Floor	Floor to Floor Height	S-a	S-b	1B-a	1B-b	1B-c	1B-d	2B-a	2B-b	2B-c	TOTAL UNITS	Residential Units	Amenities	Outdoor Private/Common	MEP / BOH / Core / Circulation	Gross SF
Residential	21	11'-8"	612	523	727	717	713	671	1,212	909	1,206	14	10,964	2,604	3,757	5,861	23,186
	20	11'-0"		1	4	4	5	2	2	1	2	21	16,959	2,059	0	5,753	24,771
	19	9'-8"	1	1	4	4	5	2	2	2	2	23	18,473	1,618	0	4,681	24,772
	18	9'-8"	1	1	4	4	8	2	2	2	2	26	20,613		0	4,158	24,771
	17	9'-8"	1	1	4	4	8	2	2	2	2	26	20,613		0	4,158	24,771
	16	9'-8"	1	1	4	4	8	2	2	2	2	26	20,613		0	4,158	24,771
	15	9'-8"	1	1	4	4	8	2	2	2	2	26	20,613		0	4,158	24,771
	14	9'-8"	1	1	4	4	8	2	2	2	2	26	20,613		0	4,158	24,771
	13	9'-8"	1	1	4	4	8	2	2	2	2	26	20,613		0	4,158	24,771
	12	9'-8"	1	1	4	4	8	2	2	2	2	26	20,613		0	4,158	24,771
	11	9'-8"	1	1	4	4	8	2	2	2	2	26	20,613		0	4,158	24,771
	10	9'-8"	1		4	3	8	2	2	2	2	24	19,367	1,193	3,456	4,212	28,228
Total			10	11	46	45	87	23	23	22	23	290	230,667	7,474	7,213	53,771	299,125
			UNIT MIX %		3.4%	3.8%	15.9%	15.5%	30.0%	7.9%	7.6%	7.9%					
			COMBINED		21	201	68										
					7.2%	69.3%	23.4%										

Gross area counts:

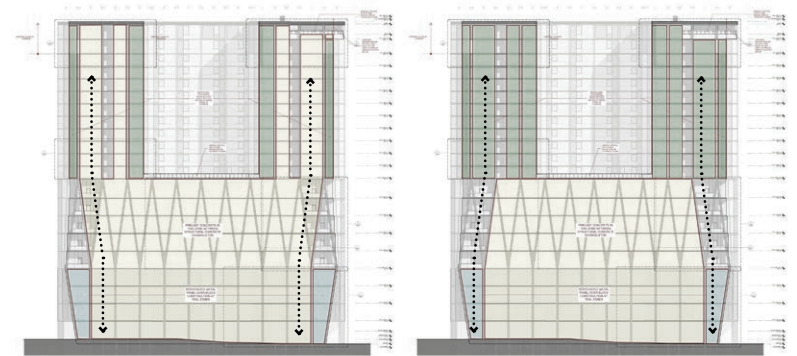
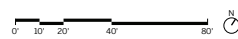
1. Residential unit:

Center line of party walls.

Exterior wall finish at exterior walls and corridor walls.



1 OVERALL FLOOR PLAN - LEVEL 21 (AMENITY)
SCALE: 1"=80'-0"



GFRC CONNECTION

GLASS+METAL CONNECTION



N-W PERSPECTIVE
REFINED DESIGN



N-W PERSPECTIVE
REFINED DESIGN

THE MERCHANT OF VENICE

加利福尼亚威尼斯海滩

VORTEX+

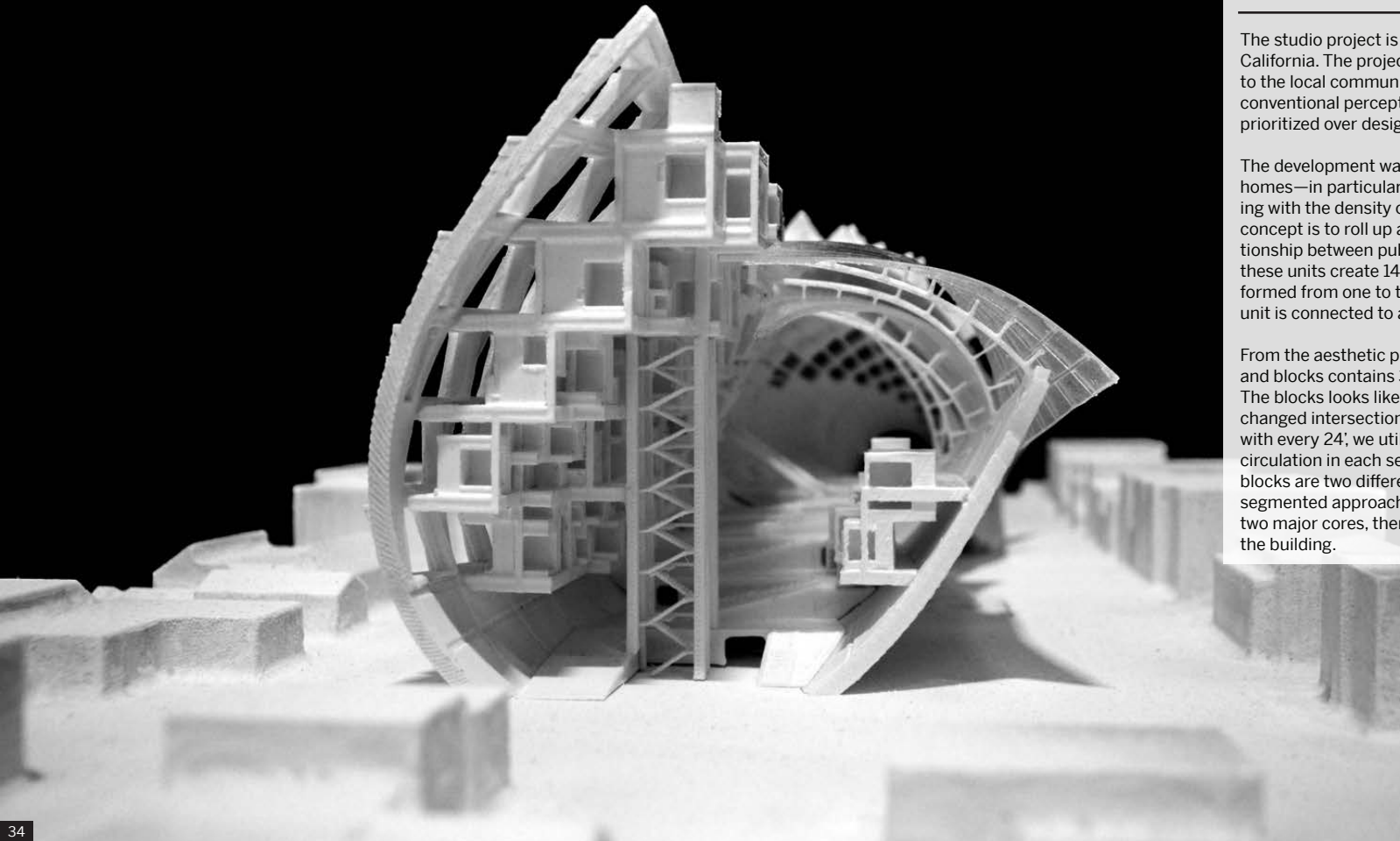
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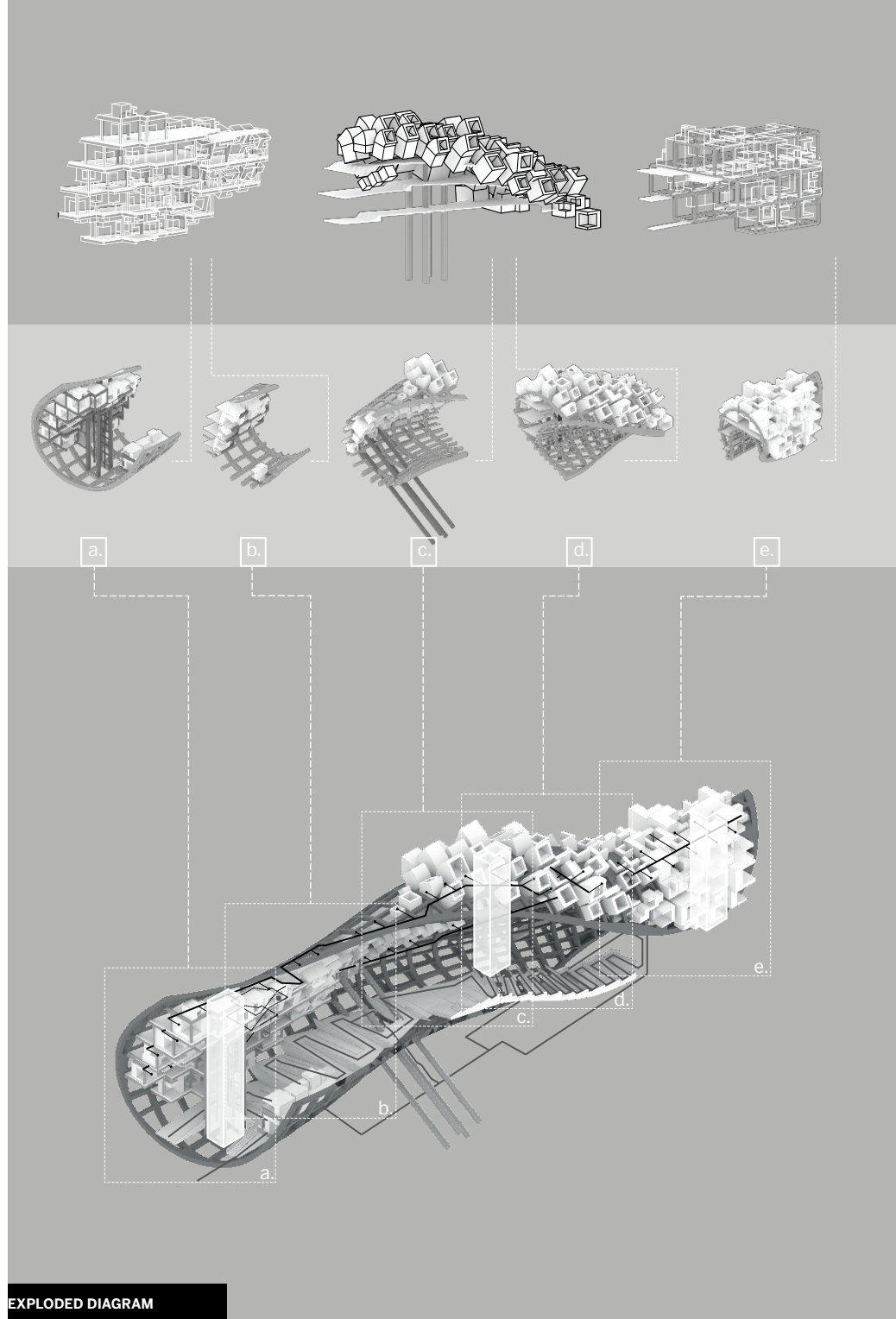
TYPE:	Academic Work at SCI-Arc
Program:	Affordable Housing
Location:	Venice Beach, CA, USA
Date:	Fall 2017
Instructor:	Eric Owen Moss
Team:	Ruoya Li & Mengyu Yu

The studio project is to design an affordable housing community in Venice, California. The project performs an essential social service, and it represents to the local community the capacity of its design to transcend the long held conventional perception that, in this typological context, social service is prioritized over design content.

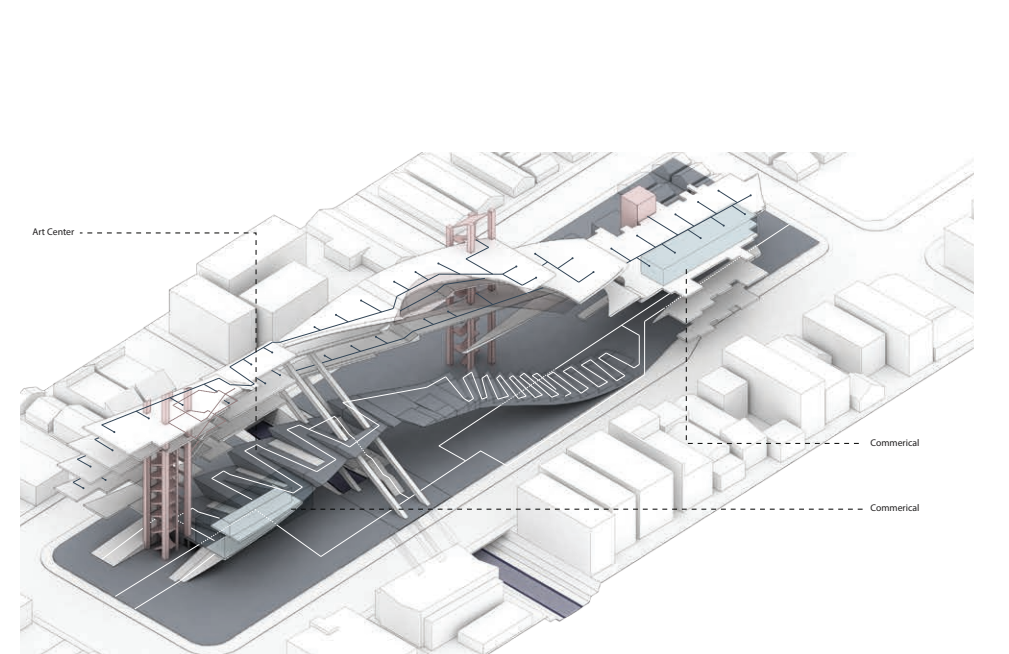
The development was intended to integrate the advantages of suburban homes—in particular gardens, outside air, privacy into a multilevelled building with the density of a modern urban apartment community. The main concept is to roll up a city site wrapped with blocks which represent the relationship between public space and private units. With various combinations, these units create 140 residences of varying sizes and configurations, each formed from one to three linked blocks joined to create larger units. Each unit is connected to at least one private terrace.

From the aesthetic point of view, the relationship between wrapped surface and blocks contains 3 segments—separate, semi-integration, separate. The blocks look like insert into surface however to deal with the gradually changed intersection space is a big problem. By dividing building vertically with every 24', we utilize a fragmented way to put units in and figure out the circulation in each segments. Next problem is structure. The surface and blocks are two different architectural language. We use the same method segmented approach of every 24 feet to design the primary structure. Except two major cores, there is another diagonal structure above the canal support the building.

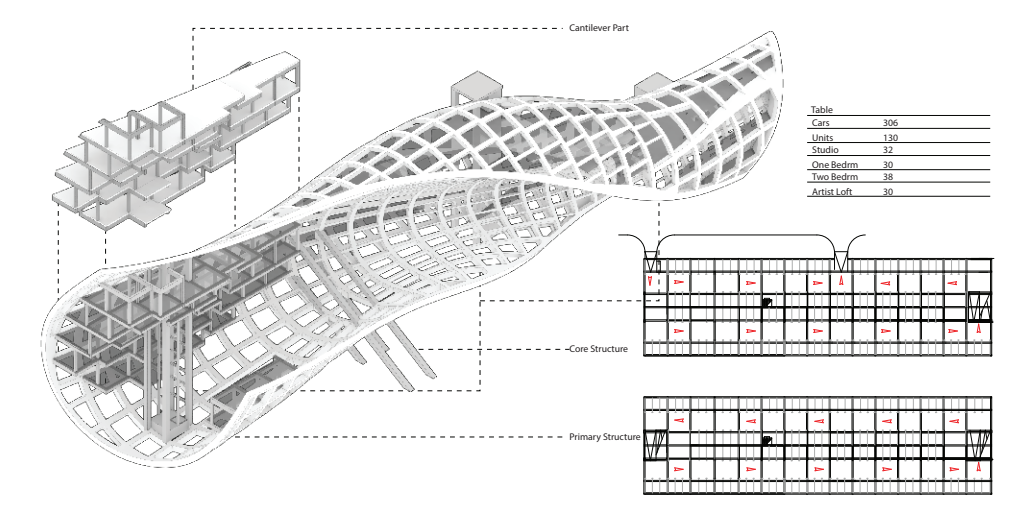




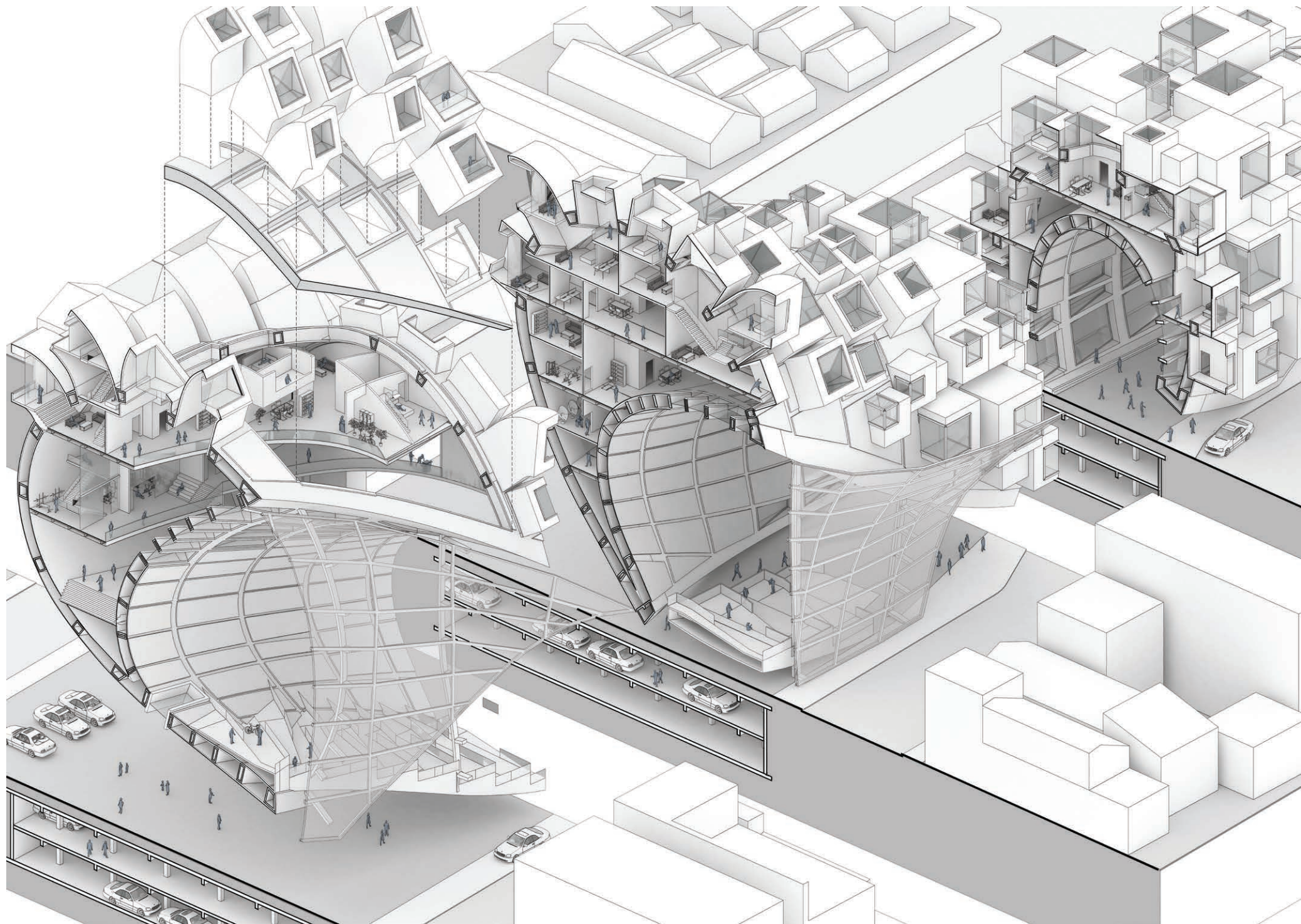
EXPLODED DIAGRAM

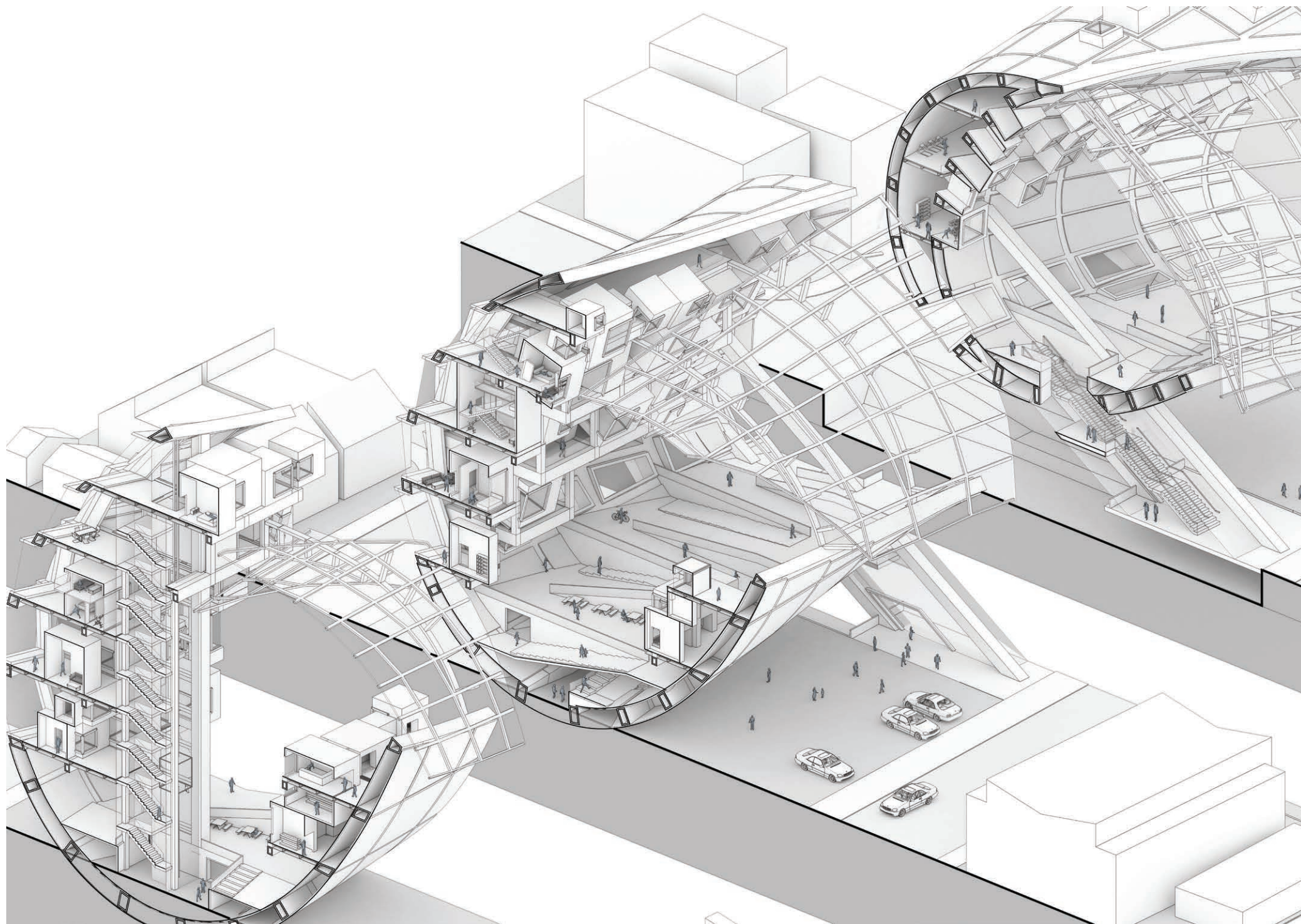


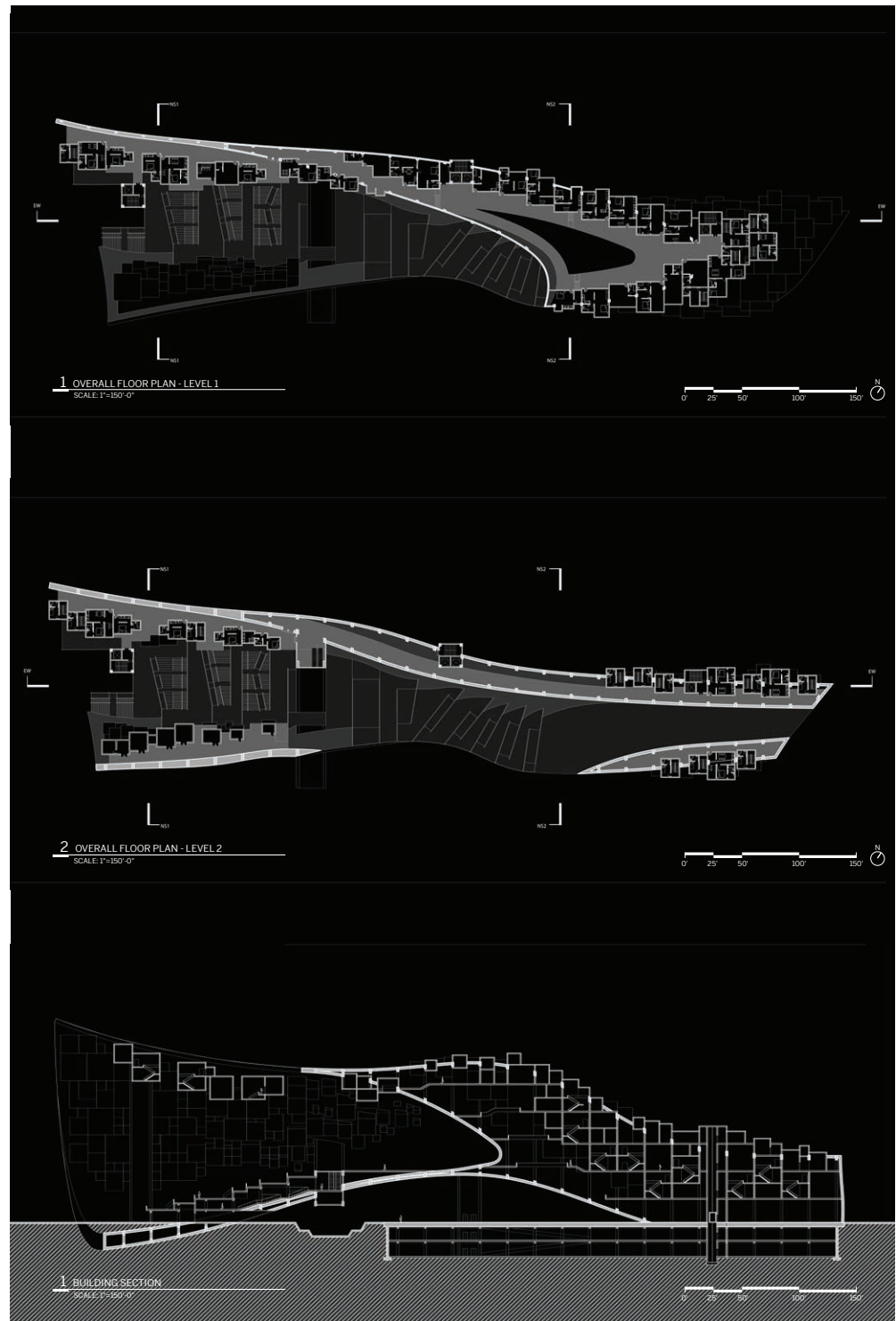
CIRCULATION DIAGRAM

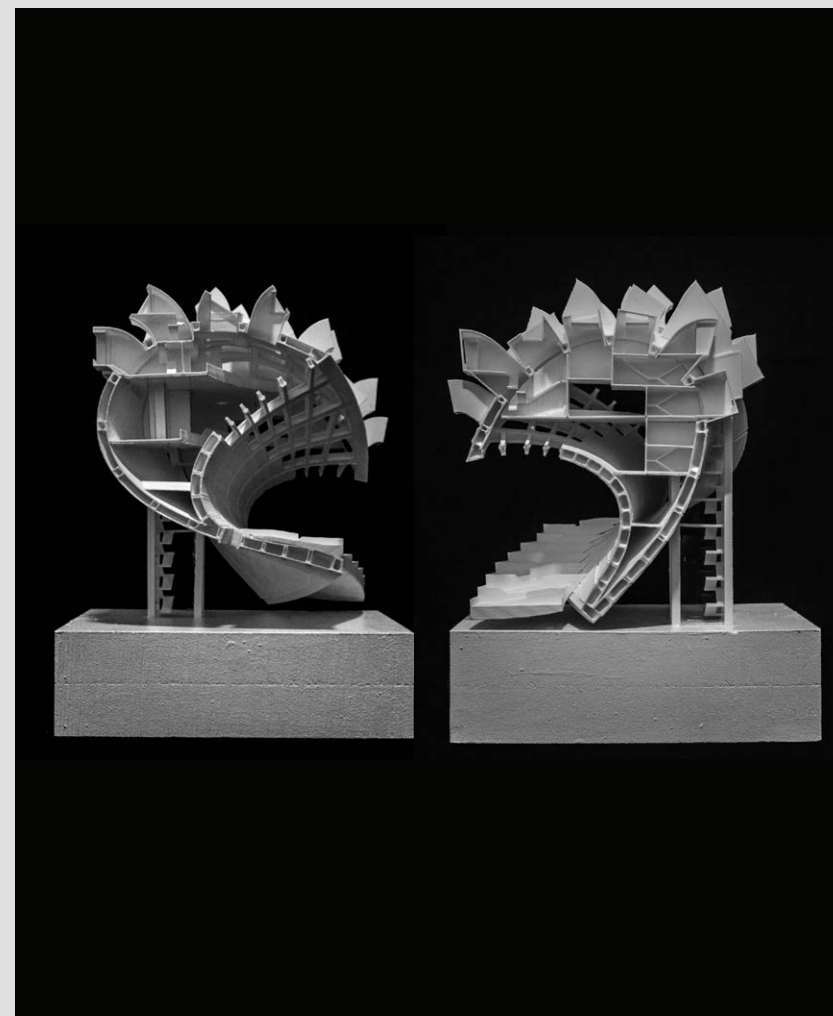
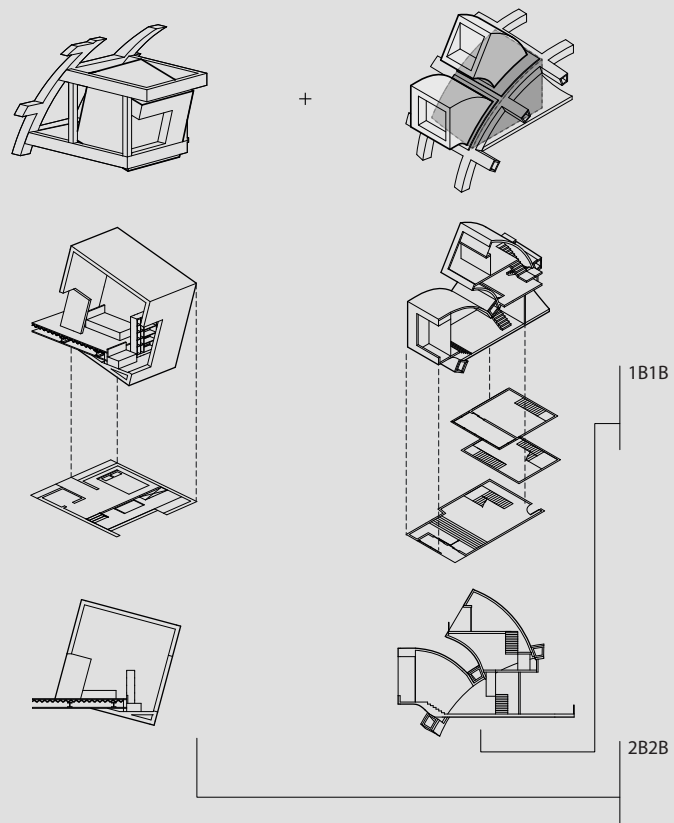


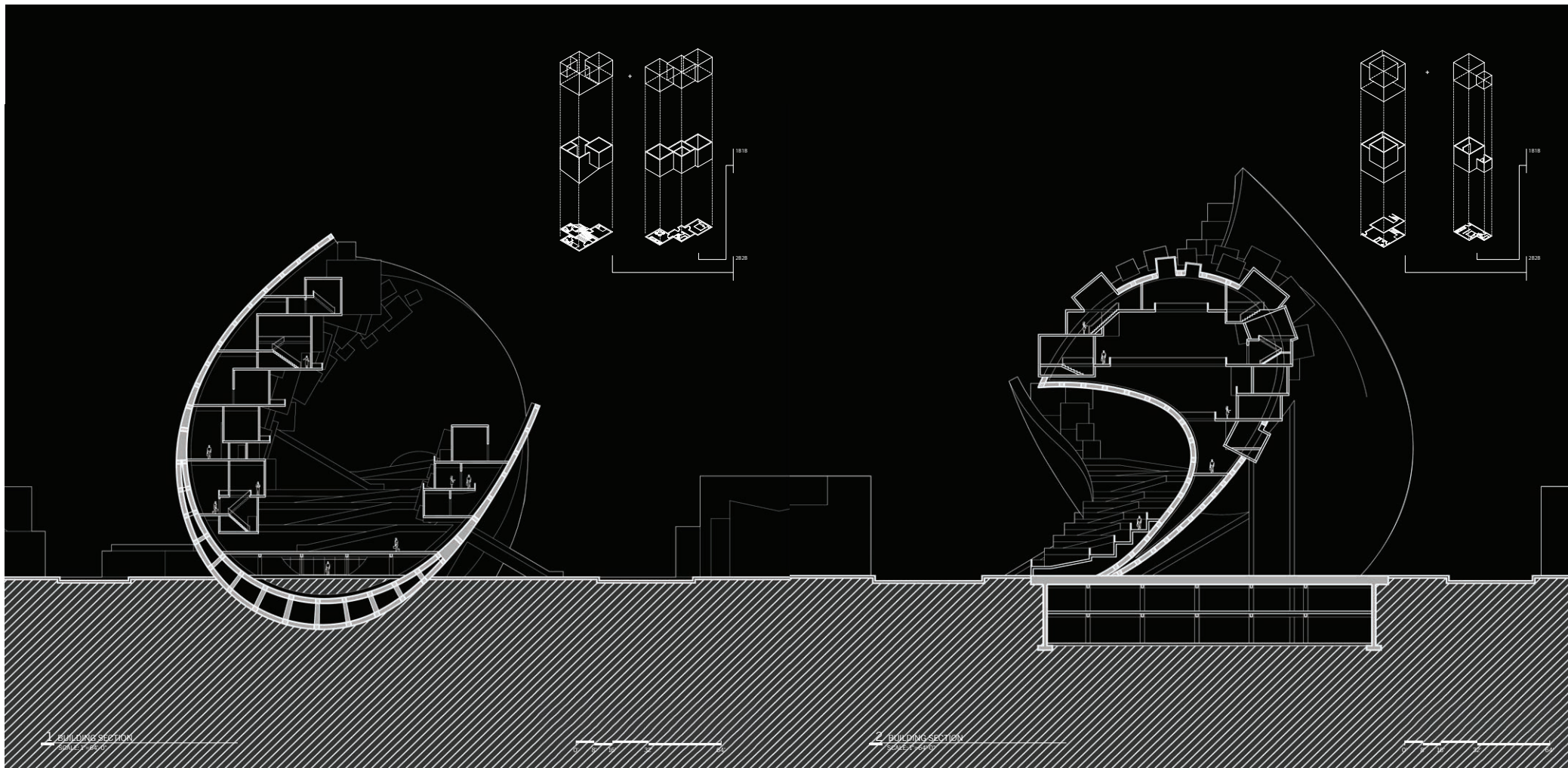
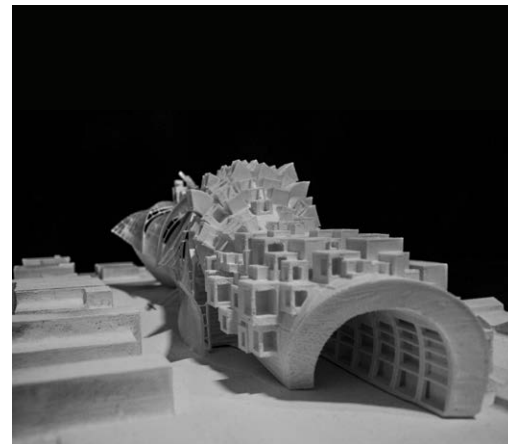
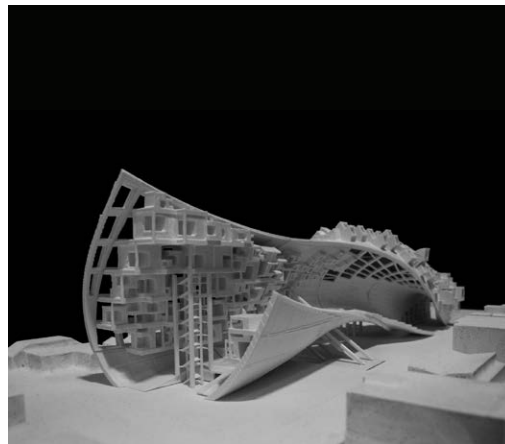
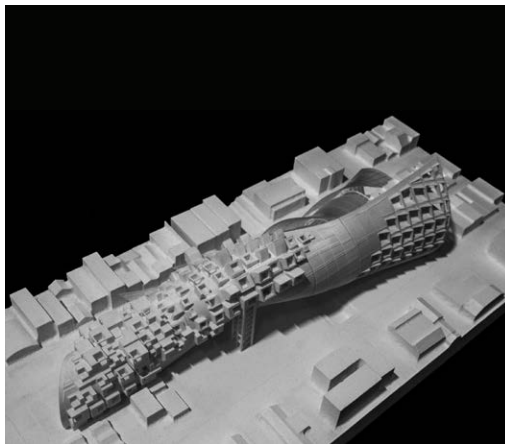
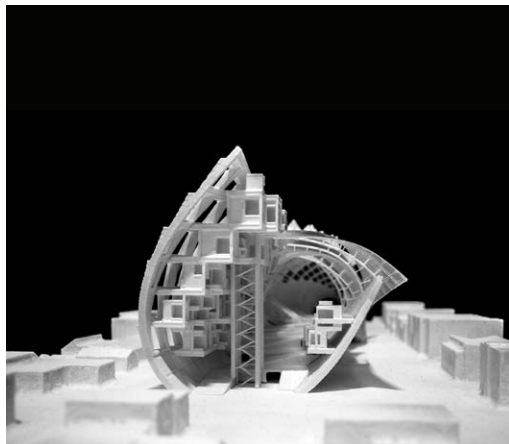
STRUCTURAL ANALYSIS











DESIGN DEVELOPMENT

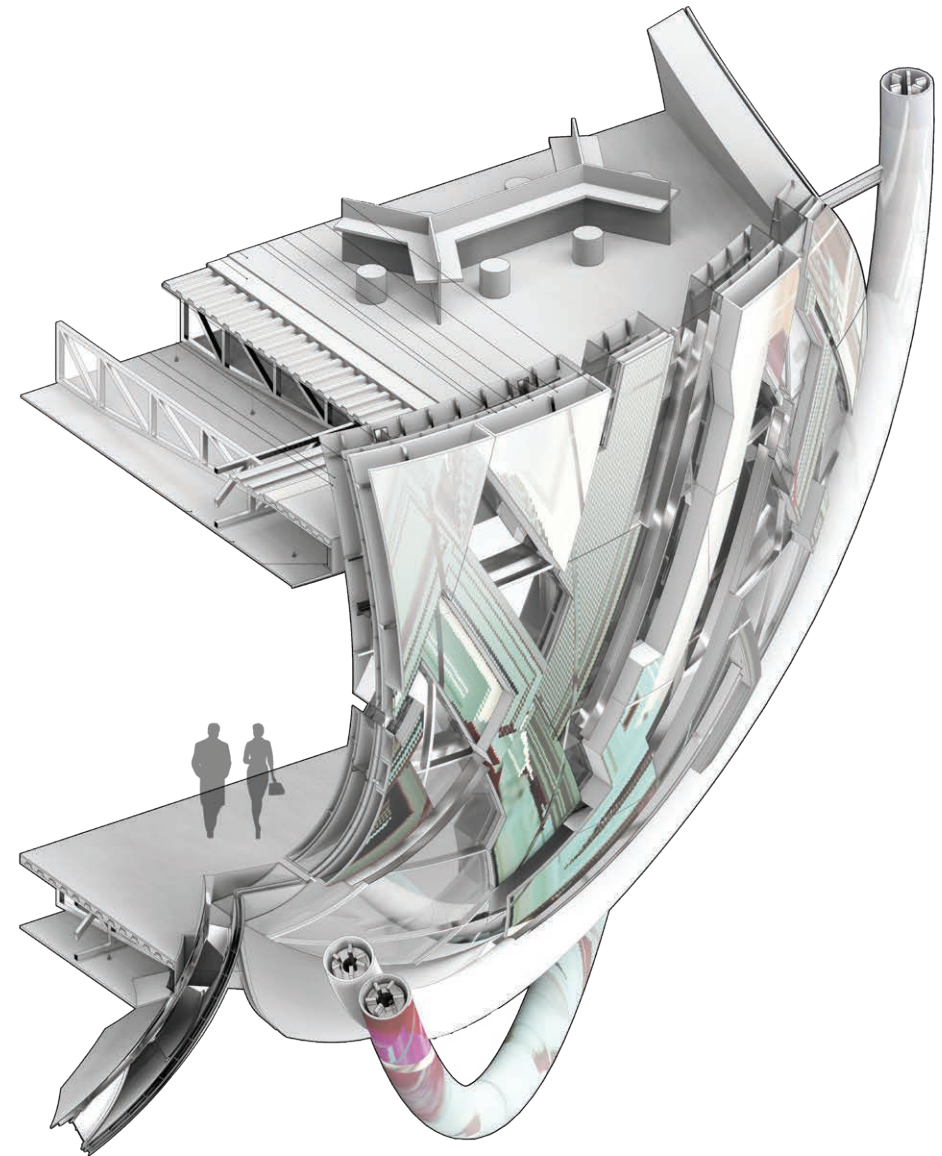
INTEGRATED DESIGN PROJECT

TYPE: Academic Work at **SCI-Arc**
Date: Fall 2017
Instructor: Herwig Baumgartner, Brain Zamora
Team: Ruoya Li & Feng Wang & Bingyi Li & Zhikai Chen

This course investigates issues related to the implementation of design: technology, the use of materials, systems integration, and the archetypal analytical strategies of force, order and character.

The project includes a review of basic and advanced construction methods, analysis of building codes, the design of structural and mechanical systems, Environmental systems, Buildings service systems, the development of building materials a cohesive understanding of how architects communicate complex building systems for the built environment and to demonstrate the ability to document a comprehensive architectural project and Stewardship of the Environment.

A series of built case studies will be presented by the instructors along with visiting professionals in the field who are exploring new project delivery methods. These case studies will be shown in-depth with construction photographs, 3D renderings, and technical drawings and details. Pertinent specific topics for the course will be highlighted in each presentation, with a focus on the evolution of building design from concept to built form.



01
A.3

3D WALL CHUNK

GFRC Panel
Waterproofing
Steel Stud
Egg-Crate
Insulation
10" / 18" I Beam

Floor Finishing
Cast Concrete
Steel Decking
Interior Finish

Perimeter Ring
Steel Truss
Ceiling

Concrete Core

01
A.2

FACADE CHUNK

Build-up
Steel Pipe

Cast-in-place
Concrete

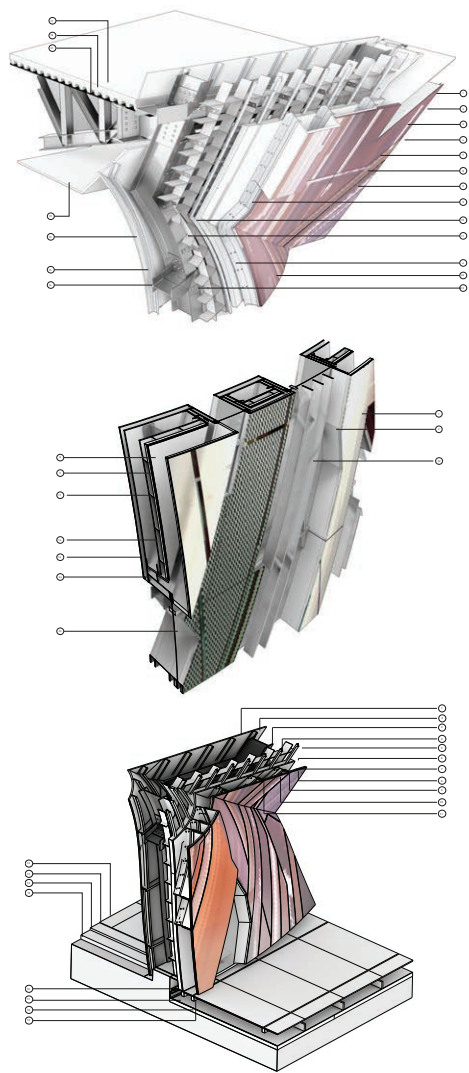
Flat Plate

Mat Foundation

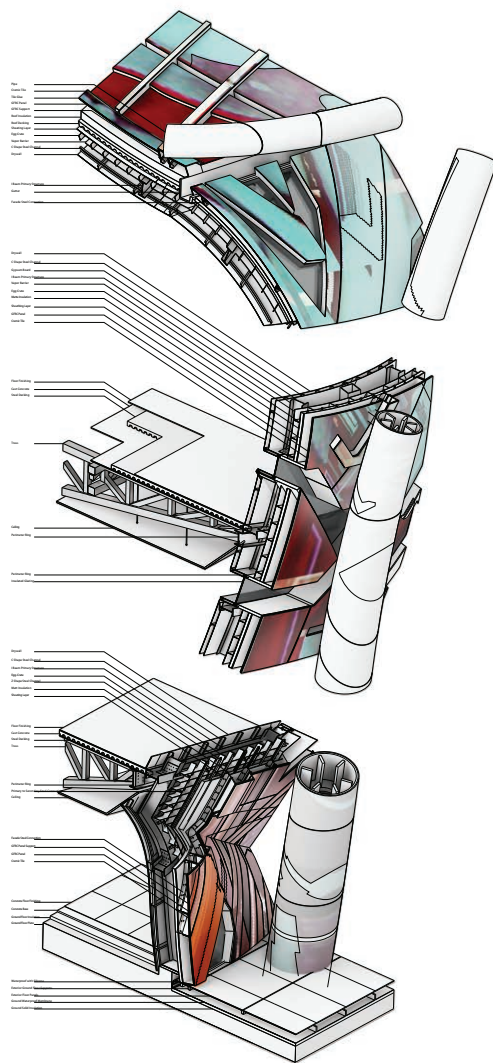
01
A.14

TYLICAL FLOOR PLAN

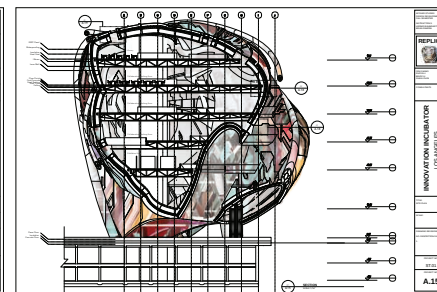
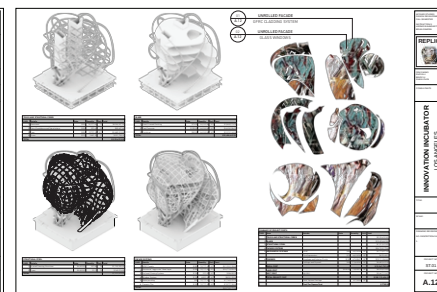
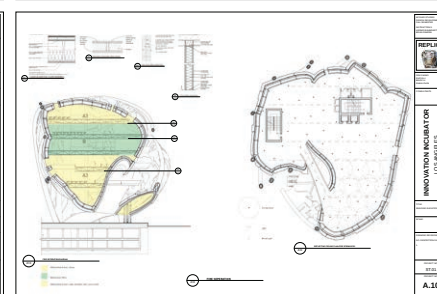
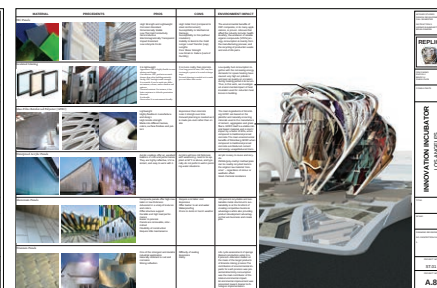
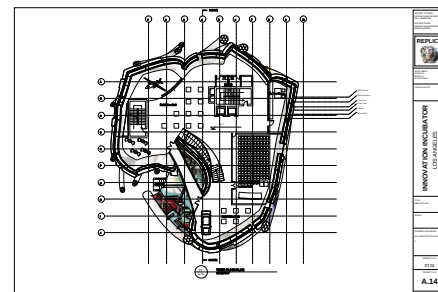
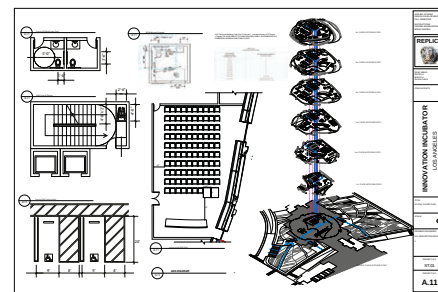
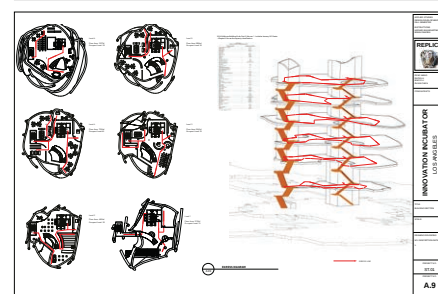
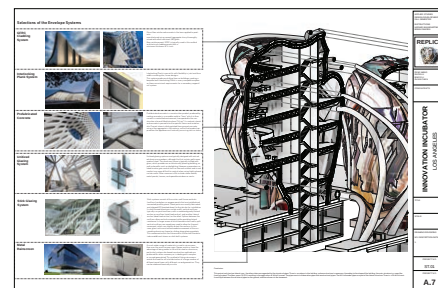
1 MEGA CHUNK



1 WALL DETAIL



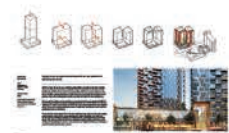
2 WALL DETAIL



PROFESSIONAL WORKS



9001 Santa Monica Blvd, CA
Residential | 3D Modeling



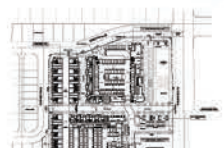
Miro Tower, San Jose, CA
Mixed-use | Graphic Design



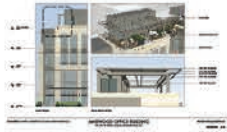
Sunnyvale Block 15, Sunnyvale, CA
Residential | 3D Modeling + Rendering



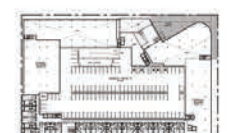
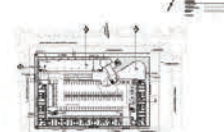
333 La Cienega, Los Angeles, CA
Residential | Concept Design



Agrihood Housing, Santa Clara, CA
Affordable Housing | Concept Design Refined + DD + Rendering

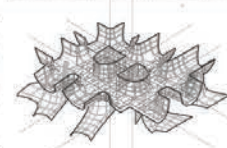
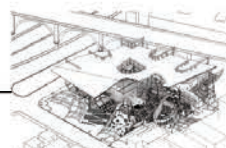
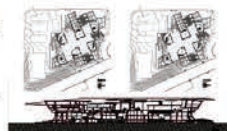
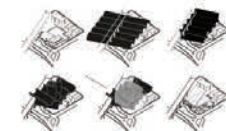


Evelyn, Mountain View, CA
Office Project | Concept Design Refined +100% DD + Rendering
Job Captain



1260 East Santa Clara Street, CA
Mixed-use | Concept Design Refined +100% SD + Rendering
Job Captain

ACADEMIC WORKS



Highland Park | KIDS MINITURE CITY+
Los Angeles, CA
Design Studio | Spring 2018 (3GBX)
Instructor: Eric Owen Moss
Team: Ruoya Li & Rachel Jia Min Chen



Cube+
Kent, Ohio
Design Studio | Undergraduate

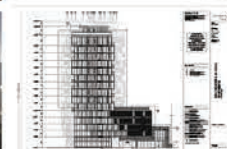


Education Experimental Training School
Ohio City, Ohio
Design Studio | Undergraduate

ACADEMIC WORKS



Potrero Power Station, San Francisco, CA
Residential | Concept Design



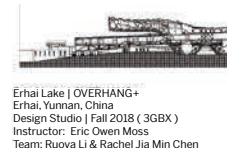
Wishire & La Jolla, Los Angeles, CA
Residential | DD



Modular Strategy for Urban Co-Living as Neighbours Transformation Tool
Art District, Los Angeles, CA
Design Studio | Summer 2018 (THESIS)
Instructor: Eric Owen Moss



The Shape of Knowledge | MINITURE CITY+
Sci-Arc, Los Angeles, CA
Design Studio | SPRING 2017 (2GBX)
Instructor: Tom Wiscombe
Team: Ruoya Li & Yang He



Erhai Lake | OVERHANG+
Erhai, Yunnan, China
Design Studio | Fall 2018 (3GBX)
Instructor: Eric Owen Moss
Team: Ruoya Li & Rachel Jia Min Chen

CD+DD PHASE WORKS



Construction Documents Project
100% CD Works
Santa Clara, CA