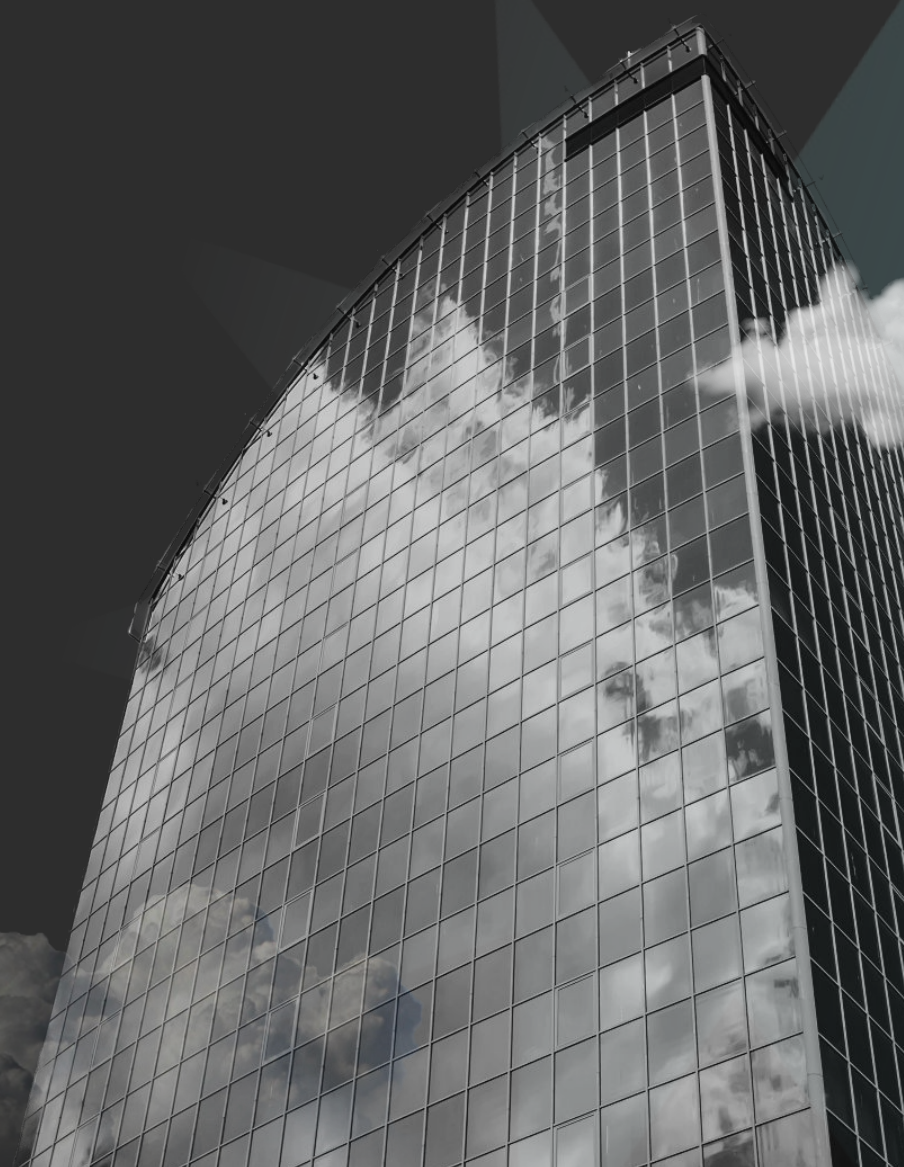


Carla S.
PORTFOLIO

* **ARCHITECTURE**





Carla S.

Senior architect

Skill Set

I am an architect with experience in project design & documentation. My main focus is on **BIM methodology** in Revit, Over the years I have worked as both **Project and BIM manager** for different architecture studios and as a freelance architect.

Education

Universidad de Buenos Aires

2020 - 2022

Masters on building information modelling

Universidad de Buenos Aires

2010 - 2016

B.Arch + M.Arch

Additional Courses

Autodesk Certified Professional. Las Vegas, USA. 2020
Mentions / awards?

Software

Revit

AutoCAD

Dynamo

SketchUp

Lumion

Photoshop

Illustrator

Enscape

Languages

Spanish | Advanced

English | Advanced

French | Fluent

WORK EXPERIENCE



Moya Design Partners | BIM Manager | 2023 -

- Manage internal BIM standards, practices and guidelines. Oversee BIM compliance.
- Draft and Implement BEP (Bim Execution Plan).
- General support: Transfer technical know how, Parametric family development, Revit & BIM coordination.

CS BIM Studio | BIM Manager | 2014 -

- Implementation of BIM methodology to project design, development and documentation.
- Draft BEP, standards, guidelines and family container for Arch. Studios.
- General modelling services for all design phases,

JH Cad Outsourcing | BIM Manager | 2020 - 2023

- Revit/BIM development of single—family housing units in all design phases.
- Oversee project team in compliance of project standards.
- Modelling and documentation of projects & parametric family development.

Mirabilia desarrollos | BIM Manager / Project Design | 2015 - 2018

- Revit/BIM development of large-scale housing and mixed-use buildings in all design phases.
- Oversee project team in compliance of project standards.
- Modelling and documentation of projects & parametric family development.

AS Architecture Studio | BIM Stagiaire | 2015 - 2016

- Revit Modelling and documentation.
- Assist BIM Manager on routine standardization and compliance tasks.
- Assist Project Manager on project design, rendering and representation.

Aja Espil Cobelo / Estudio C4 | Project Designer | 2012 - 2015

- Autocad drafting and documentation for housing, commercial and healthcare projects.
- Assist Project Manager on project design, rendering and representation.
- Develop executive documentation for construction.

PROJECTS





Affordable

Residential

01

URBAN VILLAGE

2023



Big Scale

Mixed Use

02

MODERA ON H

2022



Residential

03

MOOSE DRIVE RESIDENCE

2022



Healthcare

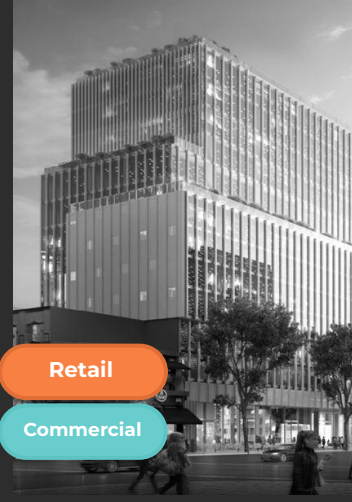
Residential

Hospitality

04

HEALTHY BABIES

2023



Retail

Commercial

05

MIRABILIA CENTRAL

2018



01

URBAN VILLAGE

2023

Schematic Design
Design Development
Construction Documents
BIM Coordination
Renderings

240.000 square feet

The Urban Village apartment is a new construction multifamily project with 296 residential dwelling units and 73 parking spaces provided in an open garage as well as along a private drive inside the site premises. Unit types include studio, 1 bedroom, 2 bedroom and 3 bedroom. ADA and UFAS compliant units were also designed.

The project site is a split zone RA-2 and RA-4. The building met the requirements for both zones respectively.

Location: Washington, DC, USA

Duration: 2 years

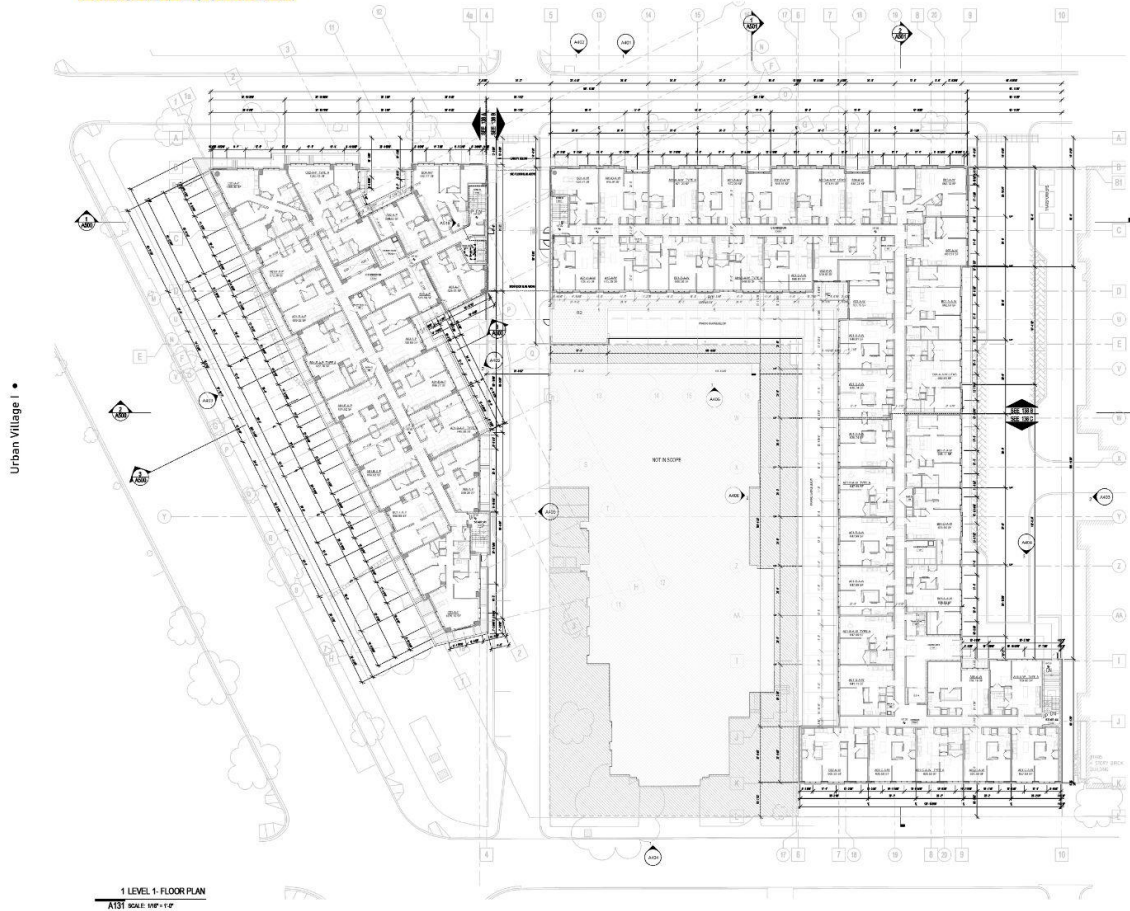
Created with: Revit, BIM 360, Enscape, Photoshop.

Team: Moya Design Partners

01. URBAN VILLAGE

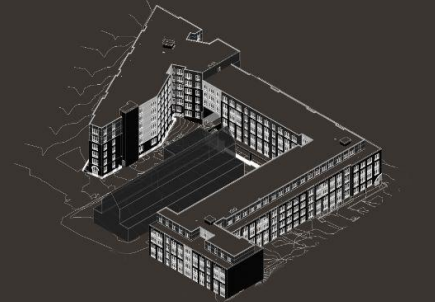
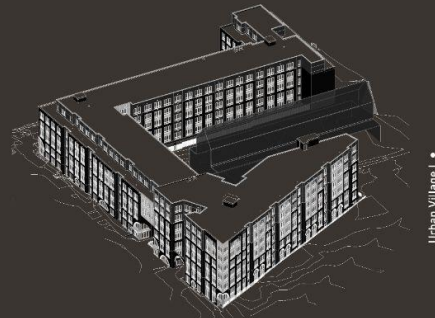
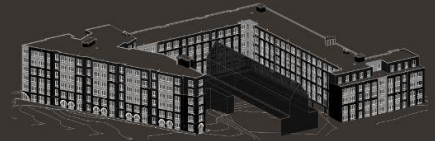
URBAN VILLAGE

TYPICAL FLOOR PLAN



URBAN VILLAGE

3D VIEWS



Urban Village I •

01. URBAN VILLAGE

URBAN VILLAGE

URBAN VILLAGE

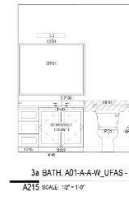
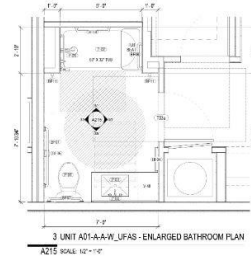
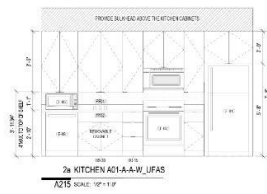
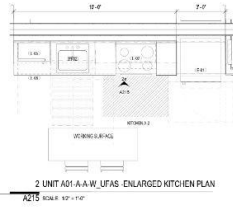
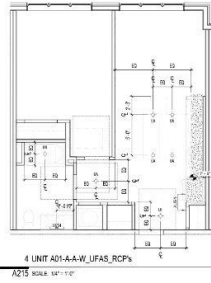
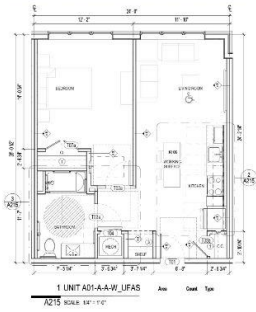
ELEVATIONS



01. URBAN VILLAGE

URBAN VILLAGE

UNIT DEVELOPMENT & INTERIOR



URBAN VILLAGE





02

MODERA ON H

2022

Schematic Design
Design Development
Construction Documents
BIM Coordination
Renderings

270.000 square feet

Modera on H apartment is a new construction multifamily project with 325 residential dwelling units and 119 parking spaces.

Construction wise, it has concrete podium levels on the ground and first floor and wood framing construction for the rest. For the facade, it has a combination of brick and metal panels for the structure, along the large floor-to-ceiling windows. For the building's visual impact, the project's design aesthetics include floating white metal frames that wrap the corner and emphasize the building's transparency.

Location: Washington, DC, USA

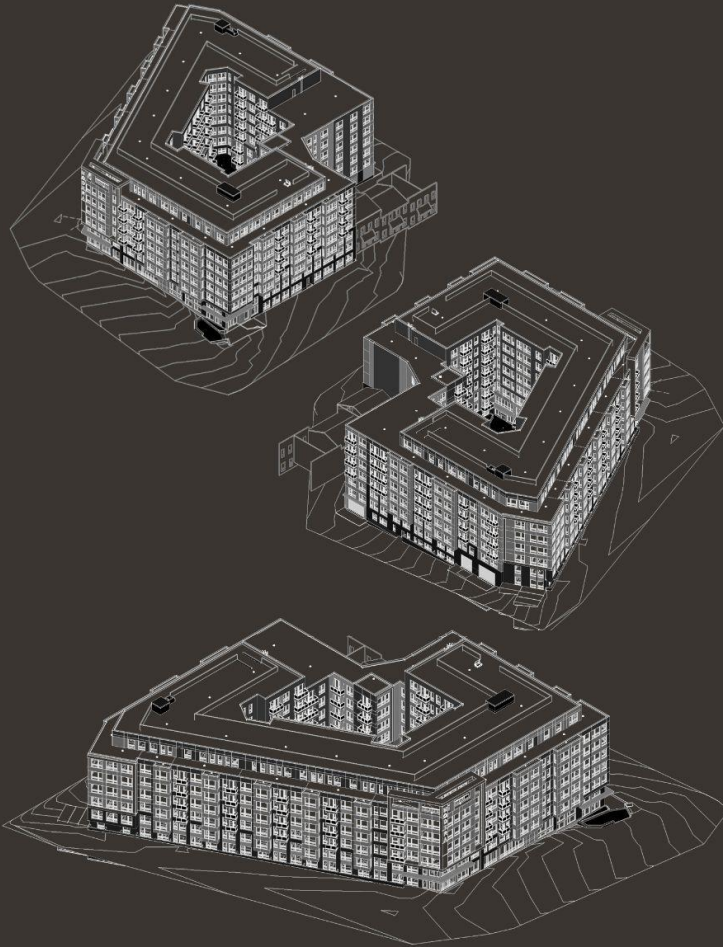
Duration: 3 years

Created with: Revit. BIM 360, Enscape, Photoshop.

Team: Moya Design Partners

02. MODERA ON H

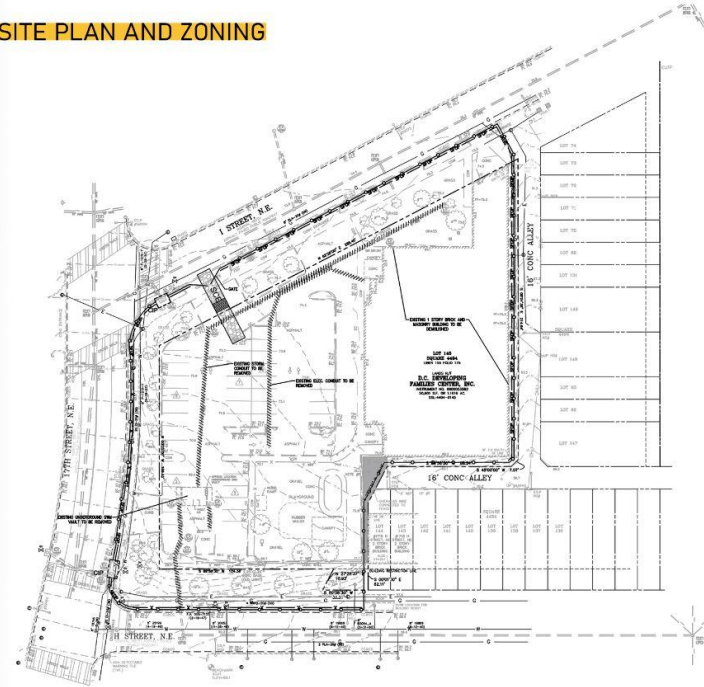
MODERA ON H



Modera on H |

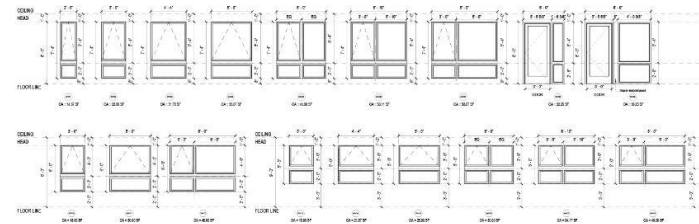
MODERA ON H

SITE PLAN AND ZONING



Modera on H |

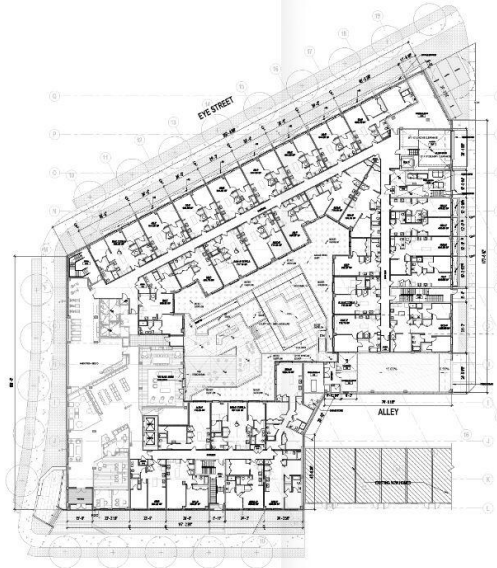
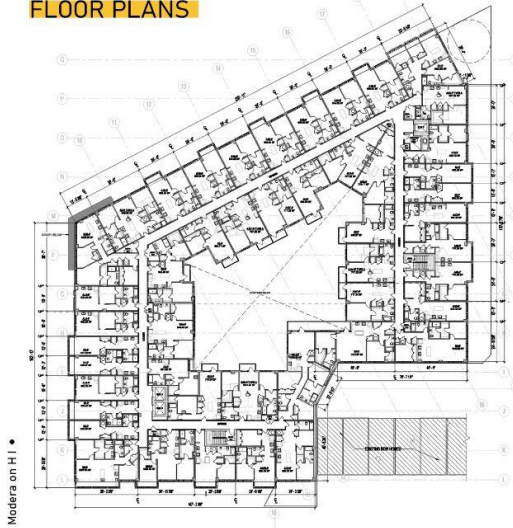
WINDOW SCHEDULE



02. MODERA ON H

MODERA ON H

FLOOR PLANS



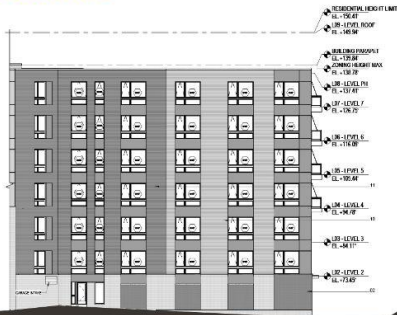
MODERA ON H



Modera on H |

Modera on H |

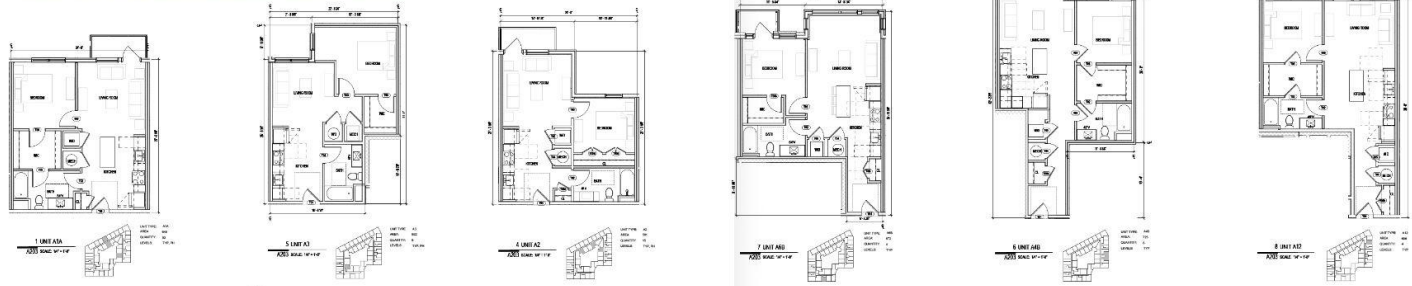
ELEVATIONS



02. MODERA ON H

MODERA ON H

UNIT DEVELOPMENT AND INTERIORS



Modera on H |

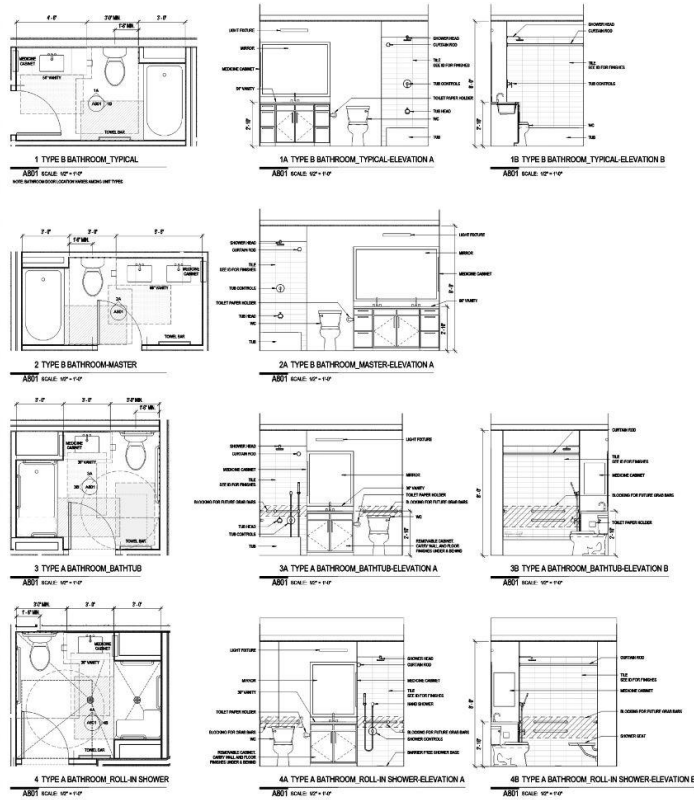
Modera on H |

02. MODERA ON H



MODERA ON H

ENLARGED BATHROOM DETAILS





03

MOOSE DRIVE RESIDENCE

2022

**Schematic Design
Design Development
Permit Set
Renderings**

7.600 square feet

Moose Drive is a single family vacation house, on the ski town of Jackson, Wyoming. It consists of a house with a detached garage and ADU.

The clients wanted a house that felt merged with the surrounding nature, an adapted to their active lifestyle. The project site is surrounded by mountains and Teton National Forest, so the project had to take into account very specific regulations regarding wildlife, fire ratings, setbacks, etc.

The scope of this project began with a lot of design proposals and iterations. but it was finally decided to use wood siding and black metal panelling.

Location: Jackson, Wyoming, USA

Duration: 1 year

Created with: Revit. BIM 360, Enscape, Photoshop.

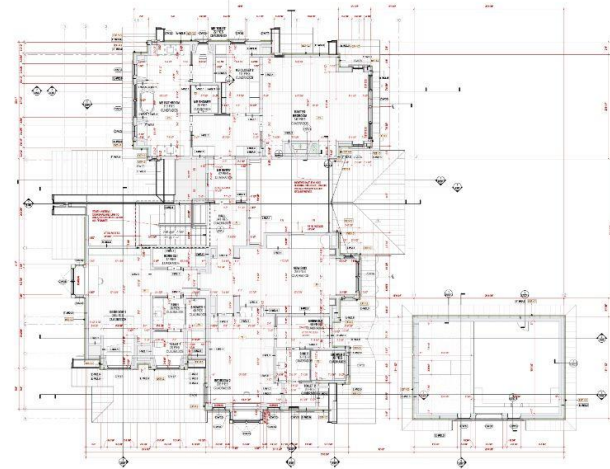
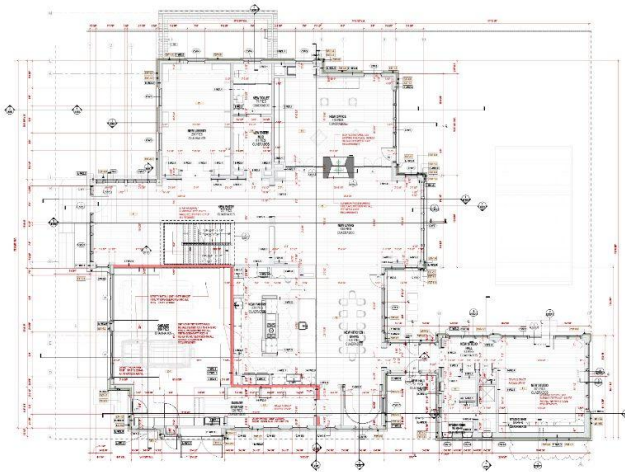
Team: JH Outsourcing

03. MOOSE DRIVE RESIDENCE



FLOOR PLANS

MOOSE DRIVE



03. MOOSE DRIVE RESIDENCE

MOOSE DRIVE

MOOSE DRIVE



Moose Drive | •

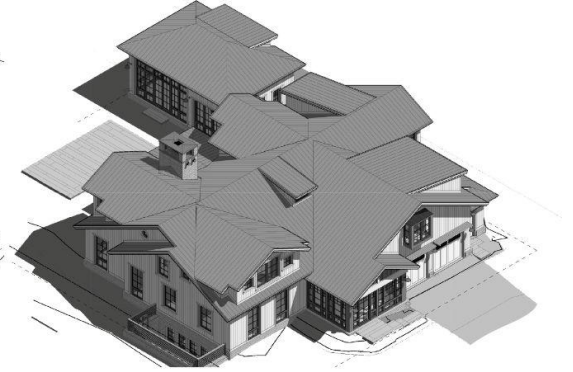
Moose Drive | •

03. MOOSE DRIVE RESIDENCE

MOOSE DRIVE

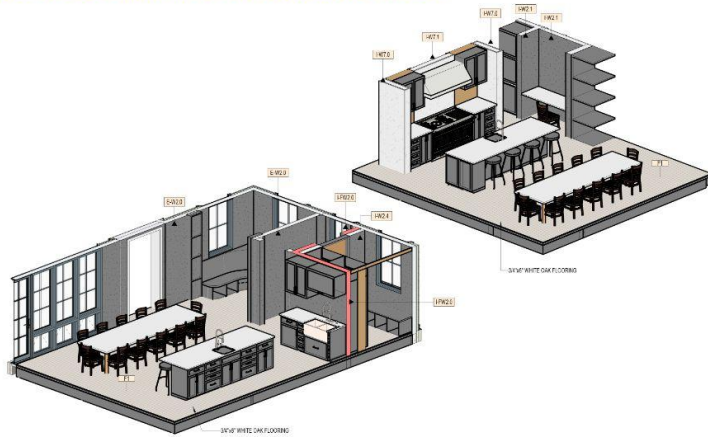


MOOSE DRIVE

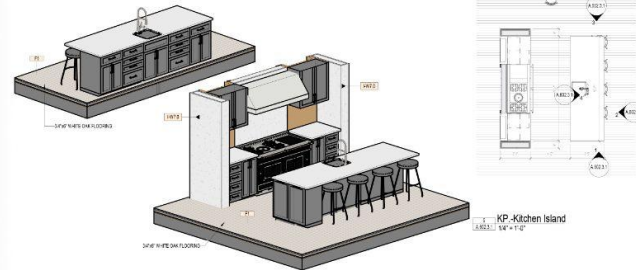


KITCHEN DETAILS, CASEWORK & INT DESIGN

Moose Drive |



1 Kitchen Island - North
A183.1 38" x 12"
2 Kitchen Island - East
A183.1 38" x 12"
3 Kitchen Island - South
A183.1 38" x 12"
4 Kitchen Island - West
A183.1 38" x 12"



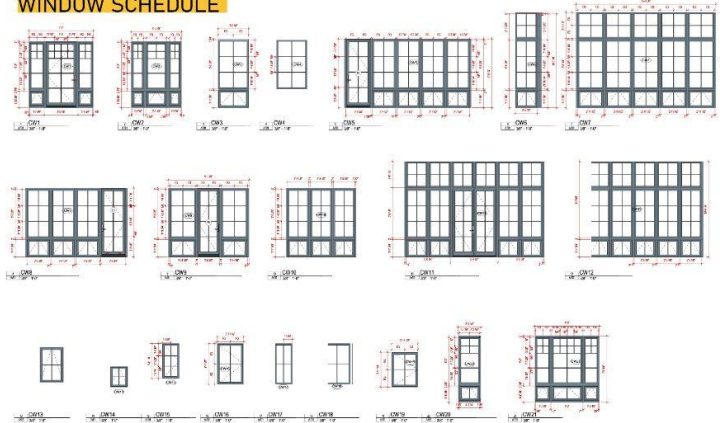
KP - Kitchen Island
A183.1 14' x 11'

Modera on H |

03. MOOSE DRIVE RESIDENCE

MOOSE DRIVE

WINDOW SCHEDULE



SECTIONS



Moose Drive | •





04

HEALTHY BABIES

2023

Schematic Design
Design Development
Construction Documents
BIM Coordination
Consultant Coordination
Renderings

7.800 square feet

This renovation transformed an existing facility into a three-story hub for young mothers and infants, offering both temporary housing and essential services.

It focuses on safety, sustainability, and support, featuring: Structural improvements for enhanced safety and efficiency, A multifunctional ground floor with communal spaces and offices, Temporary housing for eight young mothers and their infants on the upper floors.

This project represents the commitment to empower communities and fostering healthy beginnings.

Location: Washington, DC, USA

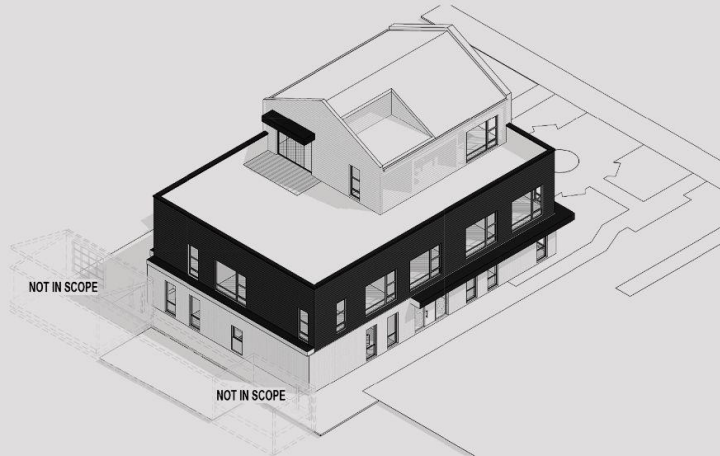
Duration: 3 years

Created with: Revit, BIM 360, Enscape, Photoshop.

Team: MOYA Design partners

04. HEALTHY BABIES

HEALTHY BABIES



Healthy Babies | •

• Healthy Babies |

HEALTHY BABIES

FEASIBILITY STUDY & ZONING

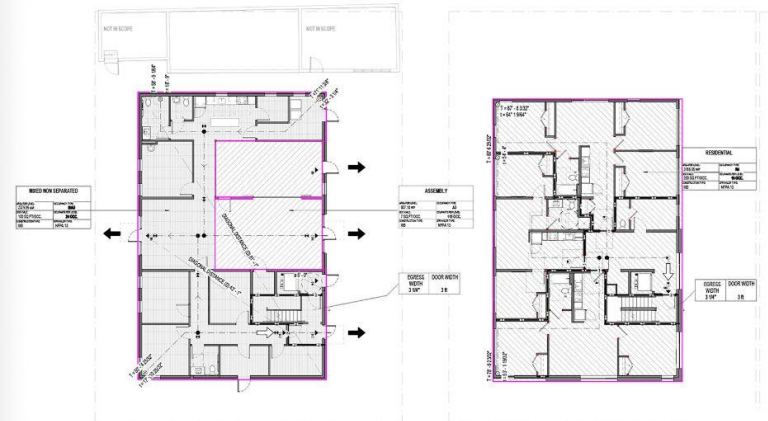
CALCULATED BUILDING OCCUPANCY - FIRST LEVEL -								
LEVEL	NO.	AREA CALCULATIONS NAME	AREA	302 OCCUPANCY	TABLE 1004.1.2 FUNCTION OF SPACE	OCC LOAD FACTOR	CALCULATED OCCUPANCY	
FIRST FLOOR		OFFICE SPACE	2,379	B-BUSINESS	BUSINESS	100 GROSS	24	
FIRST FLOOR		MEETING/LOUNGE	807	A-3- ASSEMBLY	ASSEMBLY - CONCENTRATED (CHAIRS ONLY - NOT FIRED)	7 NET	115	
TOTAL FLOOR OCCUPANT LOAD:								139

CALCULATED BUILDING OCCUPANCY - SECOND LEVEL -								
LEVEL	NO.	AREA CALCULATIONS NAME	AREA	302 OCCUPANCY	TABLE 1004.1.2 FUNCTION OF SPACE	OCC LOAD FACTOR	CALCULATED OCCUPANCY	
SECOND FLOOR		RESIDENTIAL	3,187	R4- RESIDENTIAL	RESIDENTIAL	200 GROSS	16	
TOTAL FLOOR OCCUPANT LOAD:								16

CALCULATED BUILDING OCCUPANCY - THIRD LEVEL -								
LEVEL	NO.	AREA CALCULATIONS NAME	AREA	302 OCCUPANCY	TABLE 1004.1.2 FUNCTION OF SPACE	OCC LOAD FACTOR	CALCULATED OCCUPANCY	
THIRD FLOOR		RESIDENTIAL	1,240	R4- RESIDENTIAL	RESIDENTIAL	200 GROSS	6	
THIRD FLOOR		ASSEMBLY	114	A-3- ASSEMBLY	ASSEMBLY - CONCENTRATED (CHAIRS ONLY - NOT FIRED)	7 NET	17	
TOTAL FLOOR OCCUPANT LOAD:								23

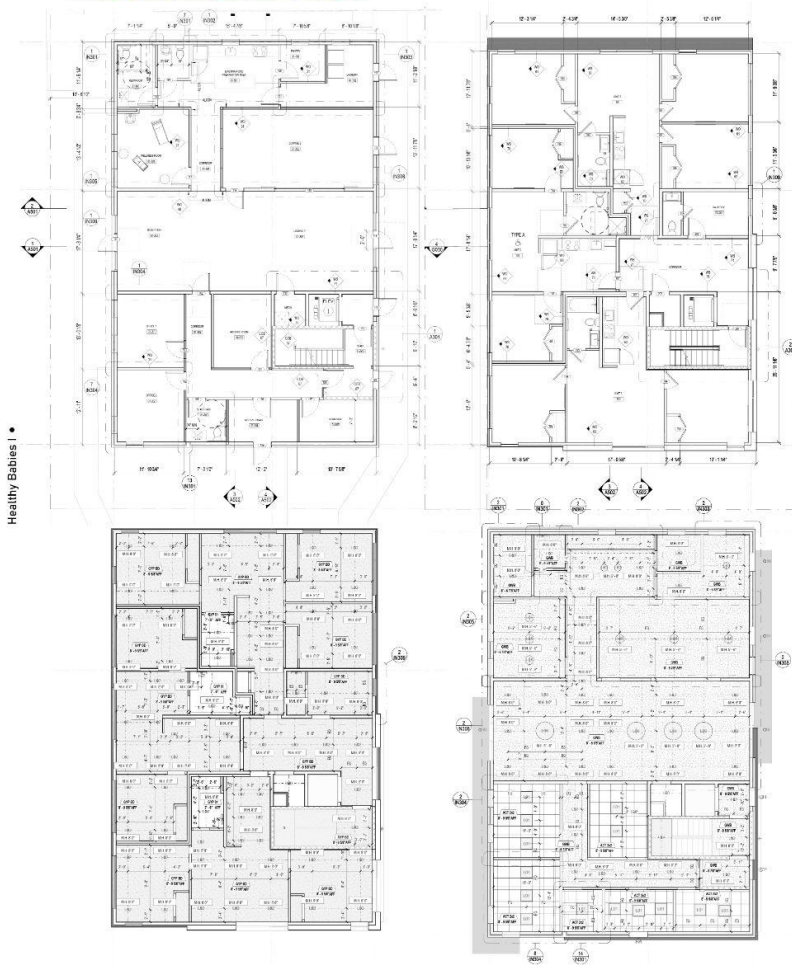
ZONING SUMMARY	
TOTAL GFA AREA	7,738 SQ. FT.
OFFICE	3,187
RES. AREA	4,551 (2,379 OFFICE + 2,172 RES.)

ZONING REQUIREMENTS				
	SMITHVILLE	PLANNING	EXISTING	EXISTING - NEW ADDITION
MAX FLOOR AREA	COMMUNITY-BASED RESIDENTIAL FACILITY	RESIDENTIAL FACILITY	COMMUNITY-BASED RESIDENTIAL FACILITY	COMMUNITY-BASED RESIDENTIAL FACILITY
MAX HEIGHT	40'	20'	40'	40'
MAX FLOOR AREA	10%	5%	10%	10%
MAX FLOOR AREA	30% of the building roof area	0	NA	NA
MAX HEIGHT	0	0	0	0
MINIMUM OF 30% OPEN	0	0	0	0
MINIMUM OPEN SPACE	0	0	20' x 30' for Existing Structure	20' x 30' for New (Over 2000 sq. ft.)
SCREENED COURT	2.5' height per foot of height of screen, but not less than 3.0'	NA	NA	NA
SCREENED COURT AREA	Based on the area of the proposed wall or screen (measured based on the height of the wall), but not less than 200 sq. ft.	NA	NA	NA
OPEN COURT	3' height per 10' of height of screen, but not less than 6 sq. ft.	NA	NA	NA
MINIMUM OCCUPANCY	0	0	NA (Residential)	NA (Residential)
Permitted Surface	80% for new construction or addition that will increase its occupancy by 20%	10%	NA	NA
Minimum lot width	45'	30'	NA	30'
Minimum lot area	4,000 sq. ft.	7,738 sq. ft.	NA	7,738 sq. ft.



04. HEALTHY BABIES

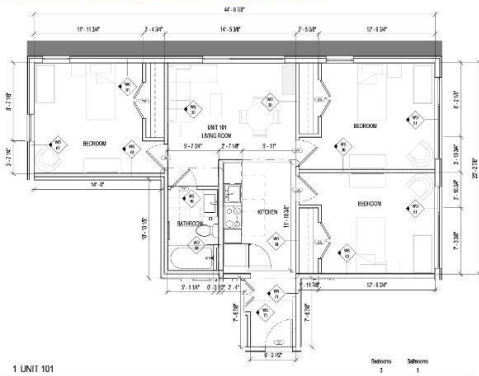
HEALTHY BABIES
FLOOR PLANS & RCP PLANS



04. HEALTHY BABIES

HEALTHY BABIES

UNIT & INTERIOR DEVELOPMENT



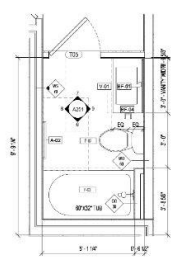
1 UNIT 101
A251 SCALE: 1/8" = 1'-0"



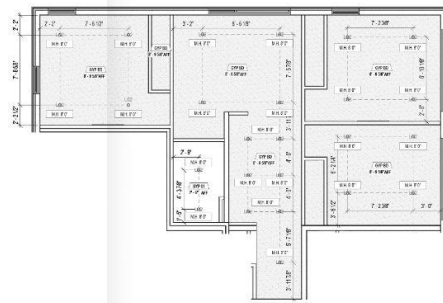
3 UNIT 101- FLOOR PLAN - KITCHEN
A251 SCALE: 1/2" = 1'-0"



5 UNIT 101-ELEV 1- KITCHEN
A251 SCALE: 1/2" = 1'-0"



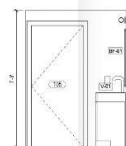
4 UNIT 101-FLOOR PLAN - BATHROOM
A251 SCALE: 1/2" = 1'-0"



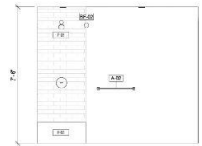
2 UNIT 101- RCP
A251 SCALE: 1/8" = 1'-0"



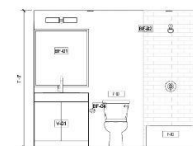
6 UNIT 101- ELEV 1 - BATHROOM
A251 SCALE: 1/2" = 1'-0"



7 UNIT 101-ELEV 3 - BATHROOM
A251 SCALE: 1/2" = 1'-0"



8 UNIT 101- ELEV 2 - BATHROOM
A251 SCALE: 1/2" = 1'-0"



9 UNIT 101-ELEV 4 - BATHROOM
A251 SCALE: 1/2" = 1'-0"

HEALTHY BABIES



1. MINIMUM
2. UNLABELED TYPE A RECESSED/RECESSED/RECESSED
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CEILING LEGEND

- UPWARD POINTING CONING OFF
- DOWNWARD POINTING CONING OFF
- ACTING LIGHT
- SQUARE RECESSED
- CORNER LIGHT
- RECESSED DOWNWARD
- LED STRIP
- SUSPENDED DOWNWARD
- SUSPENDED UPWARD
- WALL LIGHTING
- TYPE WALL LIGHTING
- RECESSED PANEL
- SPRINKLER
- CEILING MOUNTED EXIT SIGN
- CEILING MOUNTED EXIT SIGN
- WALL MOUNTED EXIT SIGN
- EMERGENCY LIGHT
- SUPPLY DIFFUSER
- RETURN DIFFUSER
- LINEAR DIFFUSER
- AREA WC

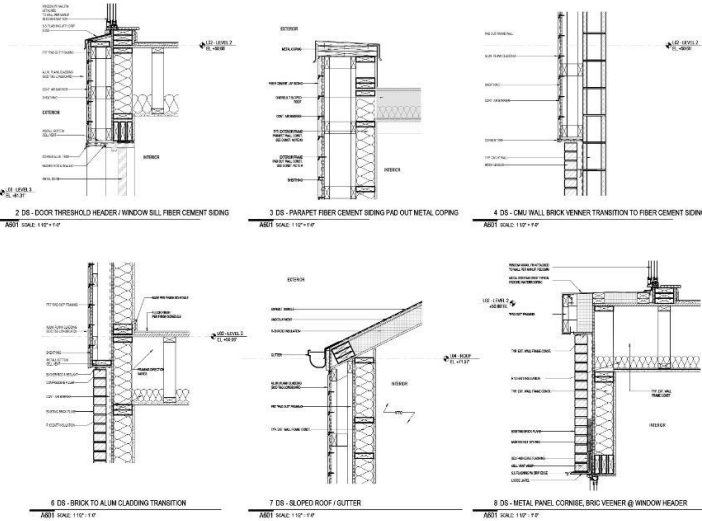
Healthy Babies |

Healthy Babies |

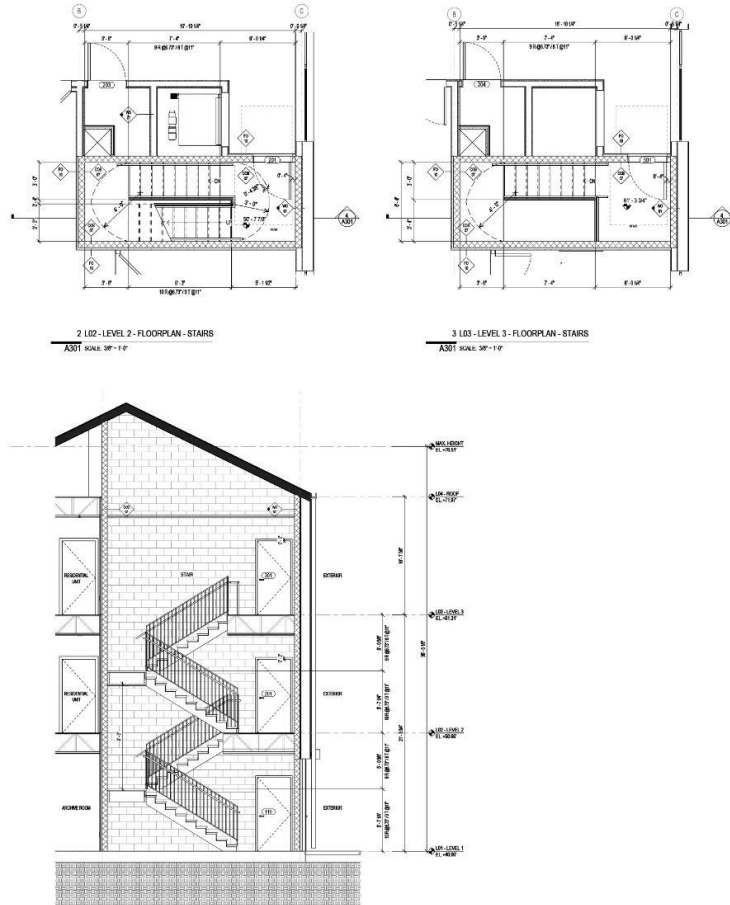
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HEALTHY BABIES

CONSTRUCTION DETAILS



STAIR DETAILS





05

MIRABILIA CENTRAL

2018

Feasibility Study
Schematic Design
Design Development
Construction Documents
BIM Coordination
Consultant Coordination
Renderings

400.000 square feet

This project is a new office building + commercial plaza at the ground floor. All floor plans were designed to be flexible and divisible.

It was designed and document aiming at a LEED certification, including a rigorous facade design.

The project began with a feasibility study and a zoning analysis, where the challenge was to include as much office square footage as possible without compromising comfort in any way.

Location: Buenos Aires, Argentina

Duration: 3 years

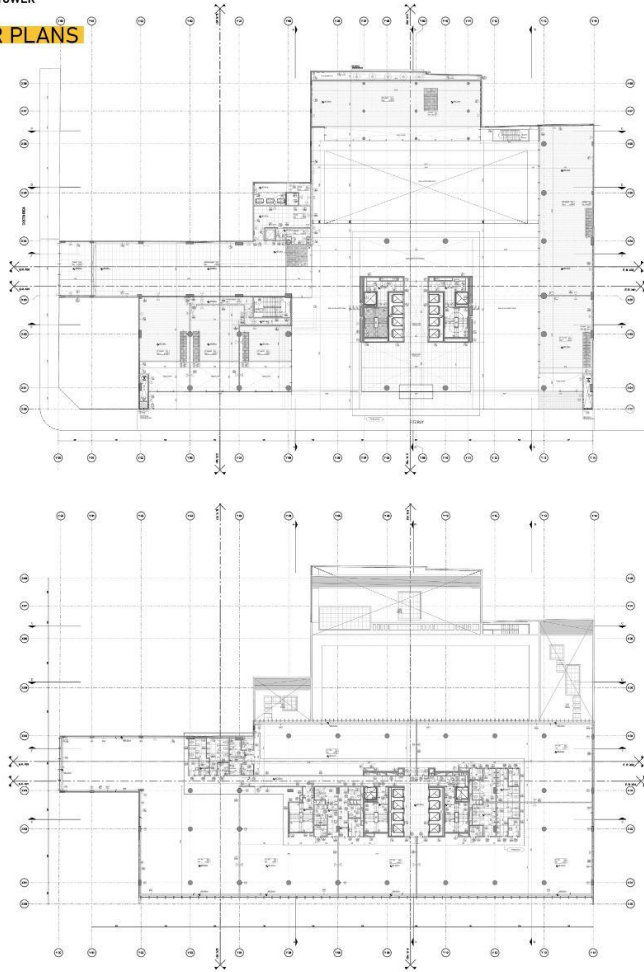
Created with: Revit. BIM 360, Enscape, Photoshop.

Team: Mirabilia

05. MIRABILIA CENTRAL

MIRABILIA TOWER

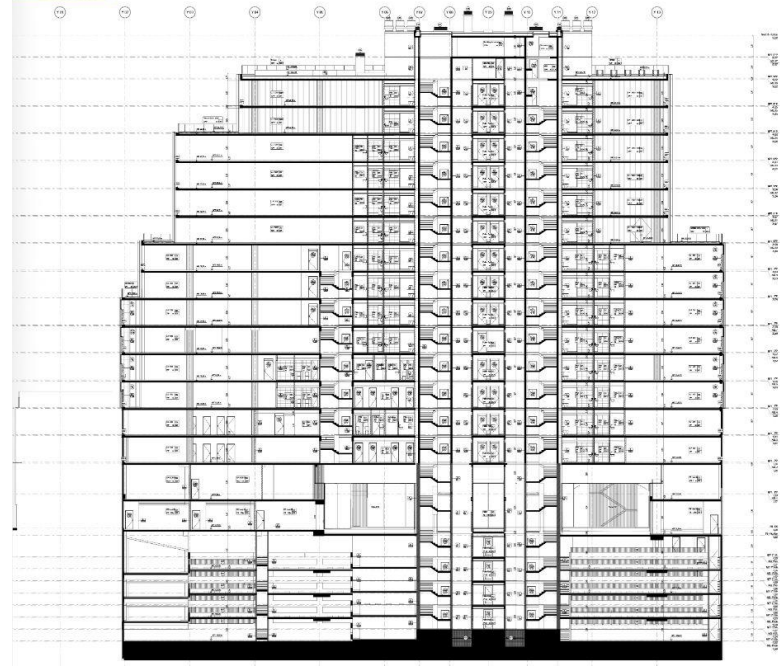
FLOOR PLANS



Mirabilia tower I •



SECTIONS



Mirabilia Tower I •

05. MIRABILIA CENTRAL





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exploring my portfolio!

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