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**ARCHITECTURAL PORTFOLIO
GLENDALE COMMUNITY COLLEGE 2012**



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PARK PLACE HEIGHTS

ADDRESS: 650 SOUTH ALVARADO ST.

MIX-USE RESIDENTIAL HIGH RISE

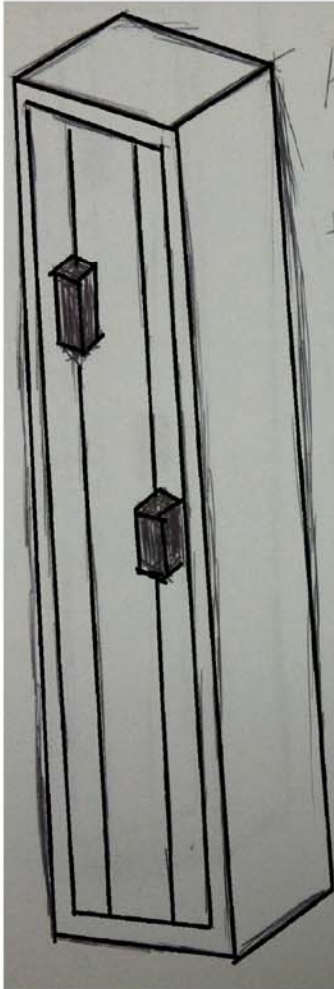


(EAST EXTERIOR RENDERING)



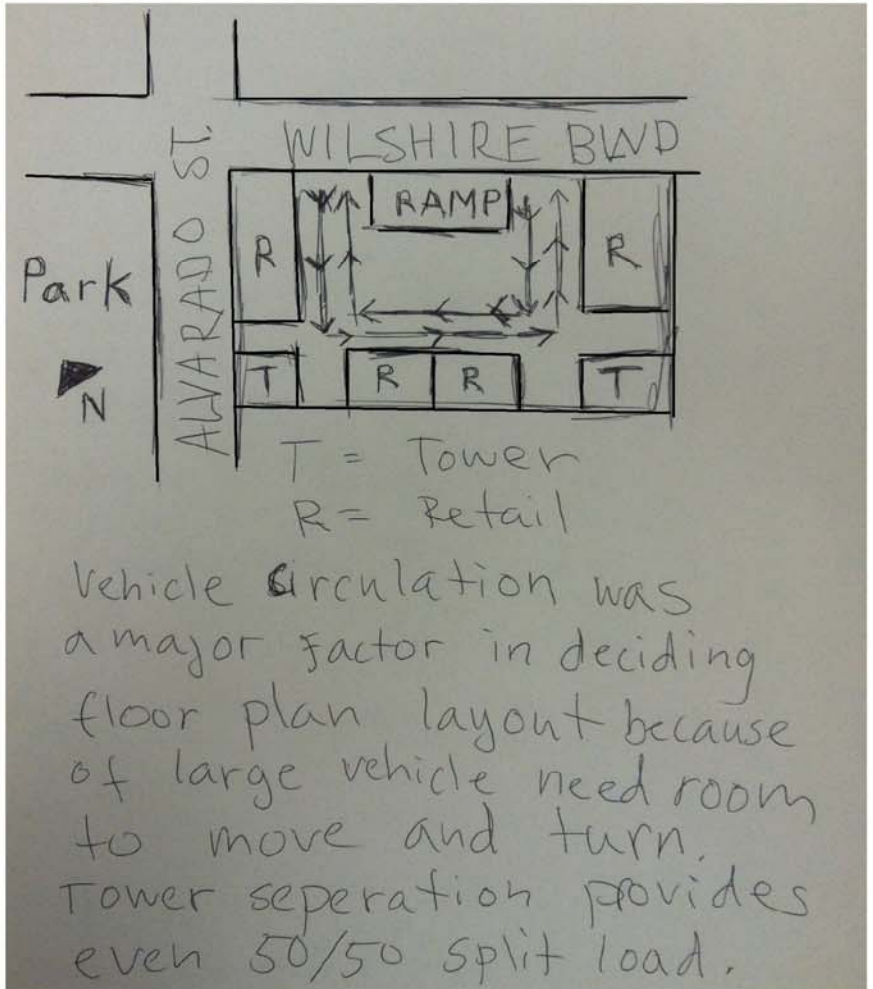
(WEST EXTERIOR RENDERING)

SKETCH



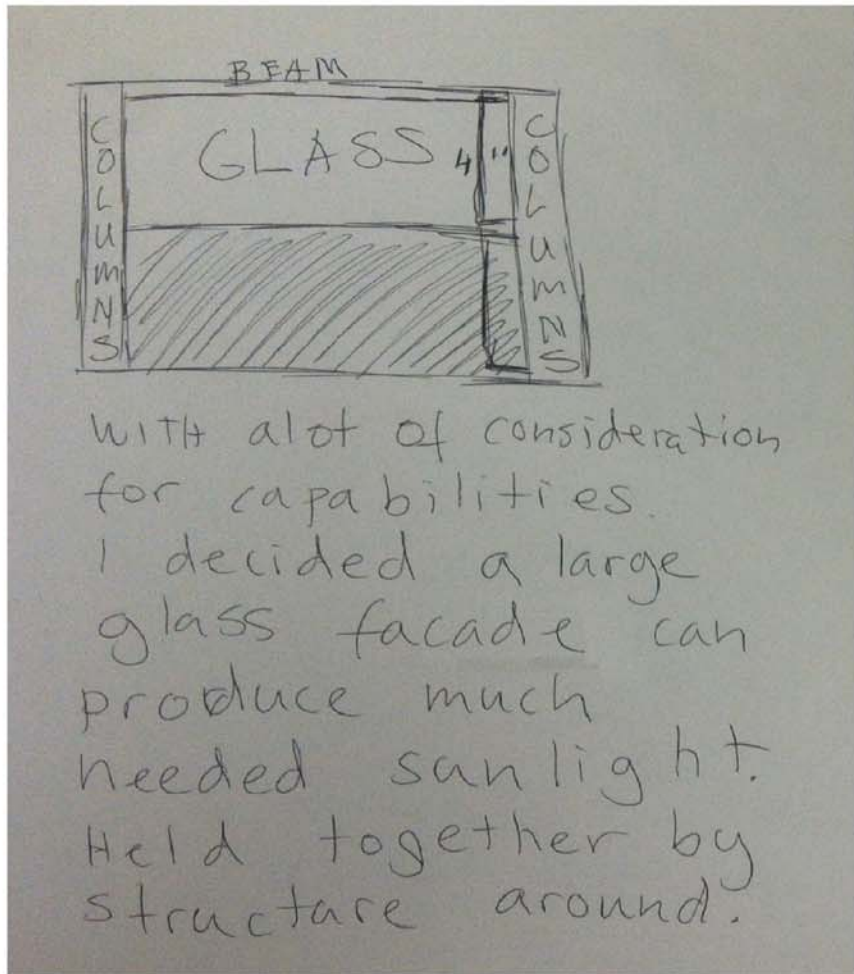
After analyzing the site and going through the program requirements I decided a simple circulation plan will be needed to because of the number of stories. As for the glass wall it provides a view for all visitors of downtown.

(VERTICAL CIRCULATION SKETCH)

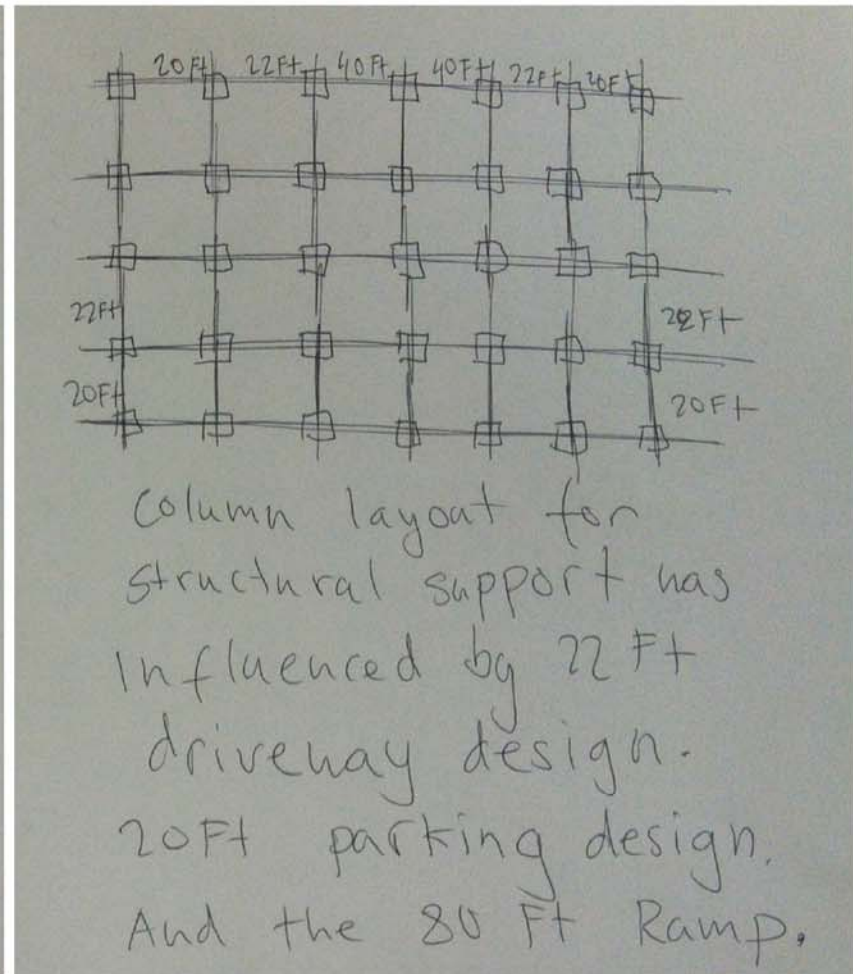


(VEHICLE CIRCULATION SKETCH)

SKETCH



(FACADE SKETCH)



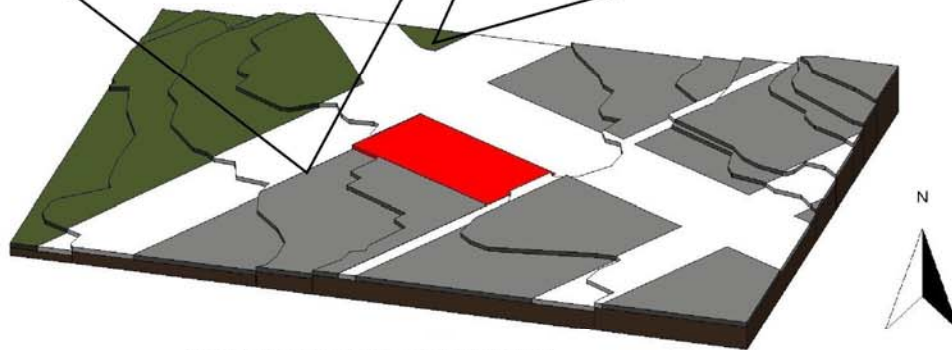
(COLUMN SKETCH)

SITE RESEARCH

THE ADDRESS IS 650 SOUTH ALVARADO STREET, LOS ANGELES, CA. LOCATED ON THE CORNER OF SOUTH ALVARADO STREET AND WILSHIRE BLVD. NEXT TO MACARTHUR PARK AND WESTLAKE/MACARTHUR PARK METRO STATION. THE AREA OF THE SITE IS 16,081 SQ FT. LOCATED ONLY 2.5 MILES FROM DOWNTOWN LA.

(MACARTHUR PARK ENTRANCE)

(METRO ENTRANCE)



(REVIT SITE MODEL)



(GOOGLE SATELLITE SITE IMAGE)

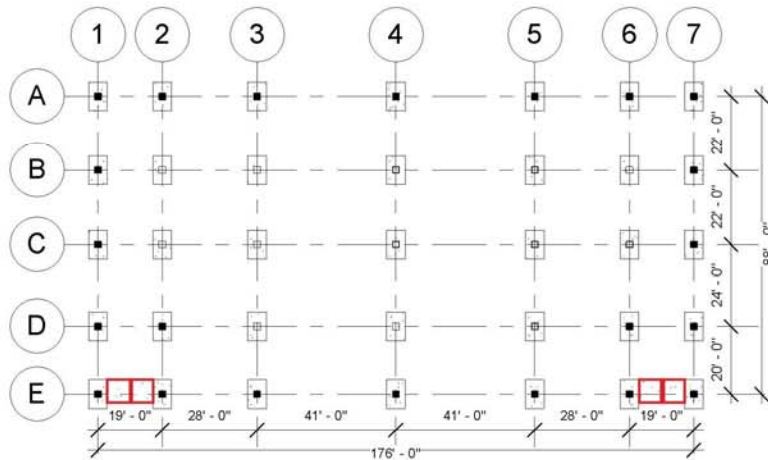


(NAVIGATE LA CONTOUR SITE IMAGE)

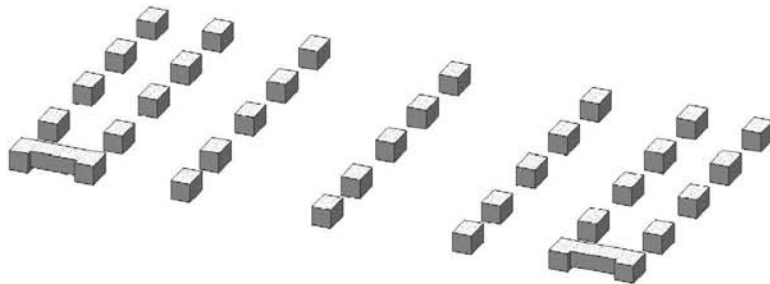
STRUCTURE

FOOTING

(35) CONCRETE RECTANGULAR PILE CAPS SUPPORTING CONCRETE COLUMNS.



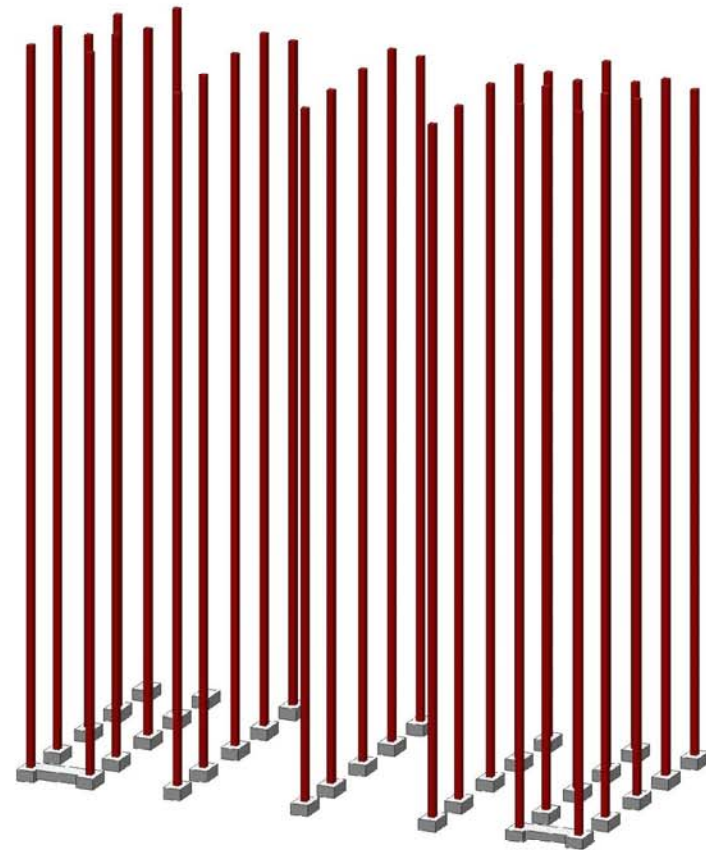
(4) CONCRETE SQUARE PILE CAPS SUPPORTING STEEL COLUMNS THAT SUPPORT THE ELEVATORS



(FOOTING - ISOMETRIC VIEW)

COLUMNS

(35) 2 FT X 2 FT CONCRETE RECTANGULAR STRUCTURAL COLUMNS 220 FT TO 240 FT IN HEIGHT.

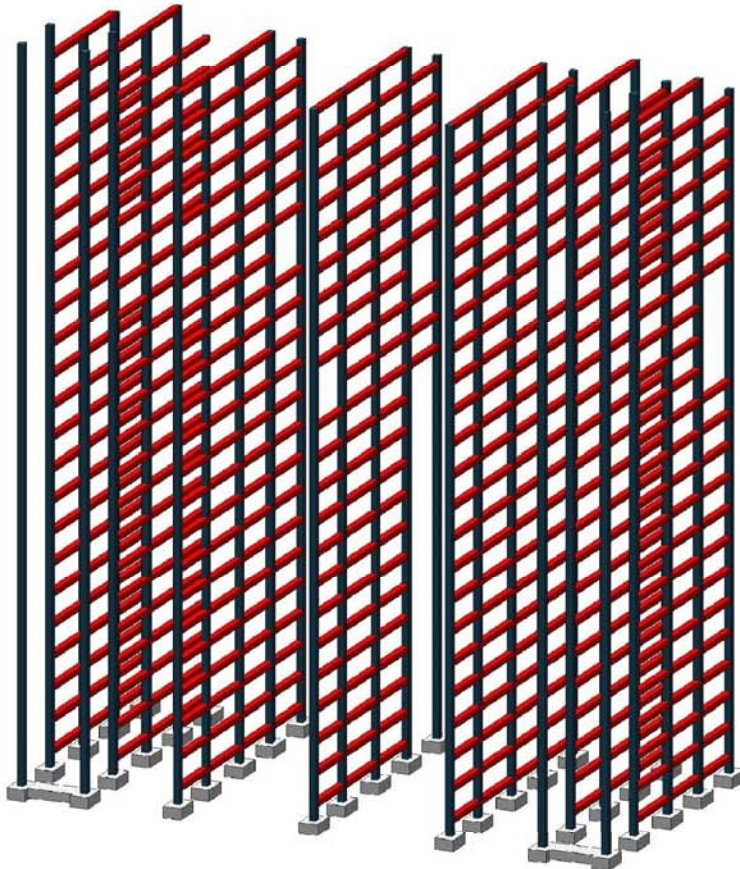


(COLUMNS - ISOMETRIC VIEW)

STRUCTURE

BEAMS

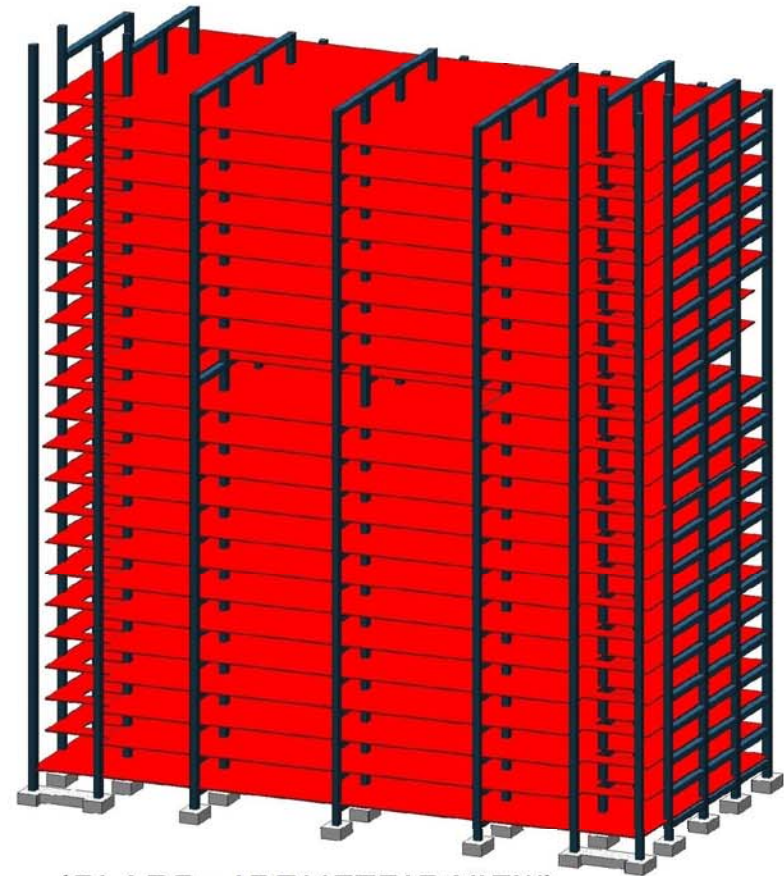
2 FT X 2 FT CONCRETE BEAMS
CONNECT THE COLUMNS TOGETHER
AND SUPPORT THE FLOOR SLABS.



(BEAMS - ISOMETRIC VIEW)

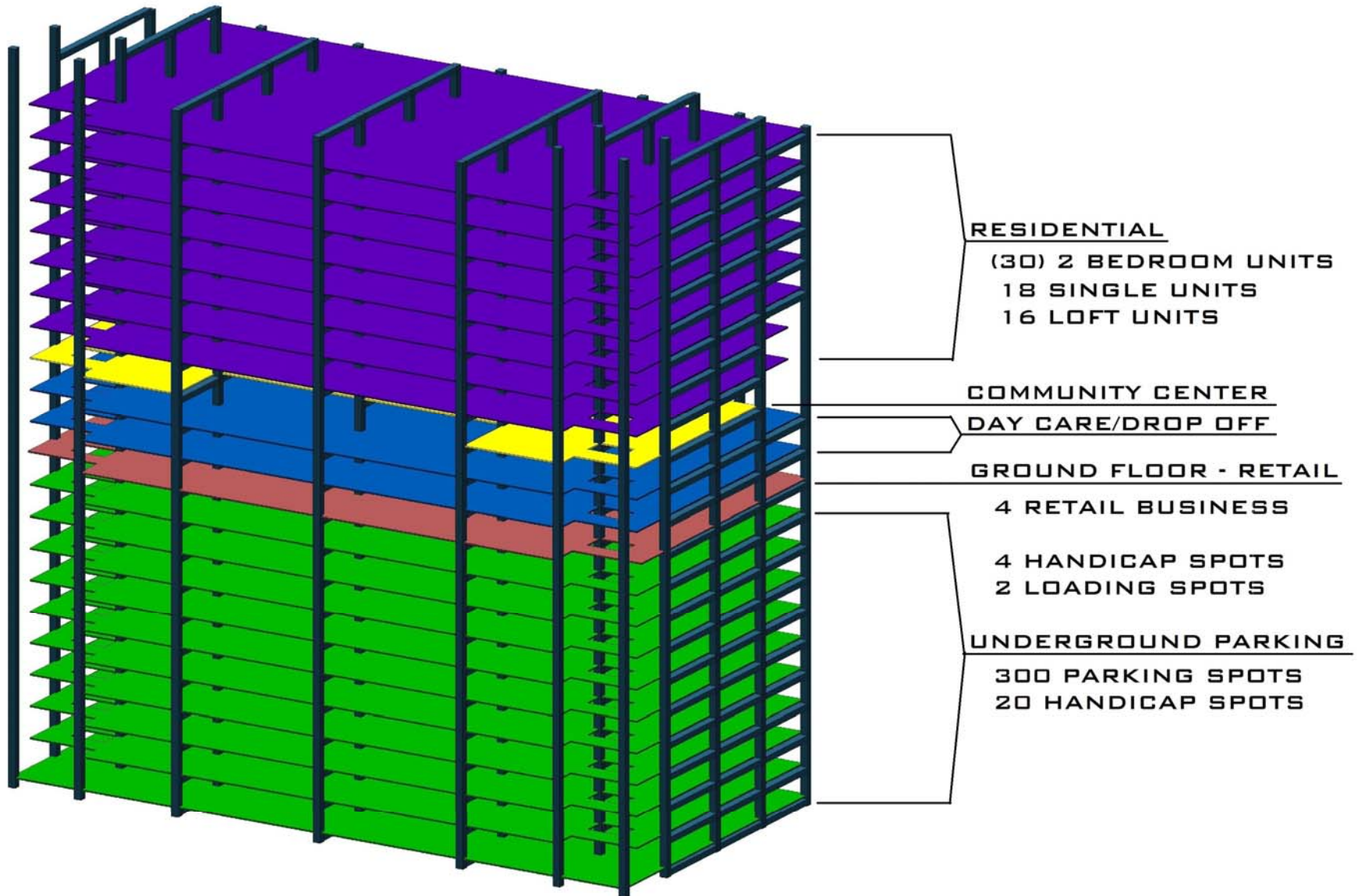
SLABS

6" THICK PRE-STRESSED CONCRETE
FLOOR SLABS CONNECT TO
COLUMNS AND BEAMS TO
REINFORCE THE STRUCTURE.



(SLABS - ISOMETRIC VIEW)

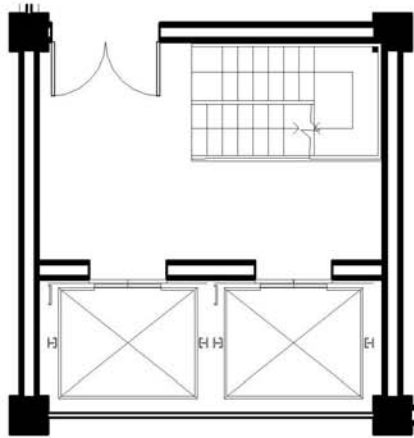
PROGRAM DIAGRAM



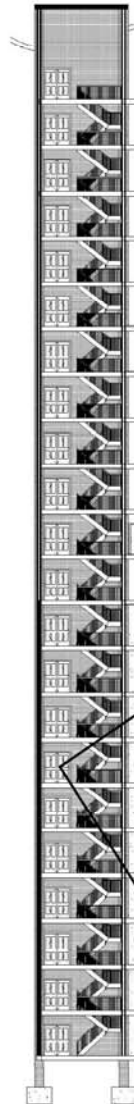
VERTICAL CIRCULATION

STAIRS & ELEVATORS

THE CIRCULATION TOWER IS A 2 HOUR FIRE RATED CONSTRUCTION. THERE ARE 2 CIRCULATION TOWERS SERVICING ALL THE VERTICAL CIRCULATION FOR THE ENTIRE BUILDING LEVELS.



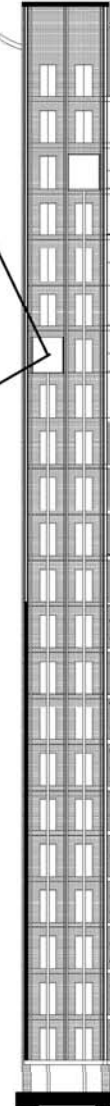
(CIRCULATION TOWER FLOOR PLAN)



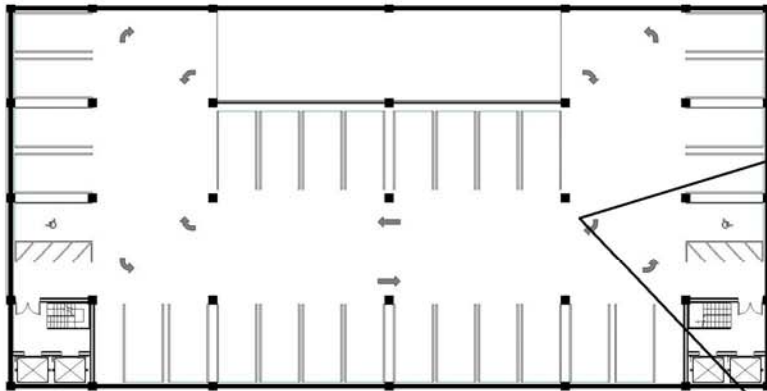
(ELEVATOR VIEW OF DOWNTOWN LOS ANGELES PHOTOGRAPH)



(CIRCULATION TOWER INTERIOR RENDERING)



UNDERGROUND PARKING



(UNDERGROUND PARKING - FLOOR PLAN)



(UNDERGROUND PARKING STRUCTURE)

10 FLOORS OF UNDERGROUND PARKING PROVIDING 300 PARKING SPOTS AND AN ADDITIONAL 20 HANDICAP PARKING SPOTS.



(UNDERGROUND PARKING RENDERING)

22 FT WIDE DRIVEWAY WITH 2 WAY TRAFFIC.

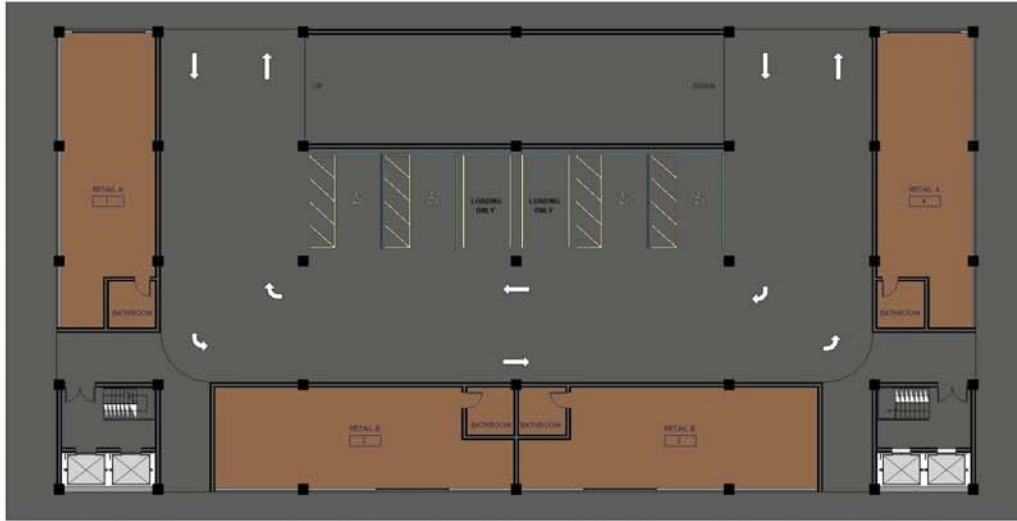
(30) 9 FT X 18 FT PARKING SPOTS PER FLOOR.

(2) 9 FT X 18 FT HANDICAP SPOTS PER FLOOR WITH 5 FT AISLE.

HANDICAP SPOTS ARE ALSO THE CLOSEST SPOTS TO THE ELEVATORS.

80 FT LONG RAMP 22FT WIDE 2 WAY TRAFFIC

GROUND FLOOR - RETAIL



(GROUND FLOOR - RETAIL FLOOR PLAN)

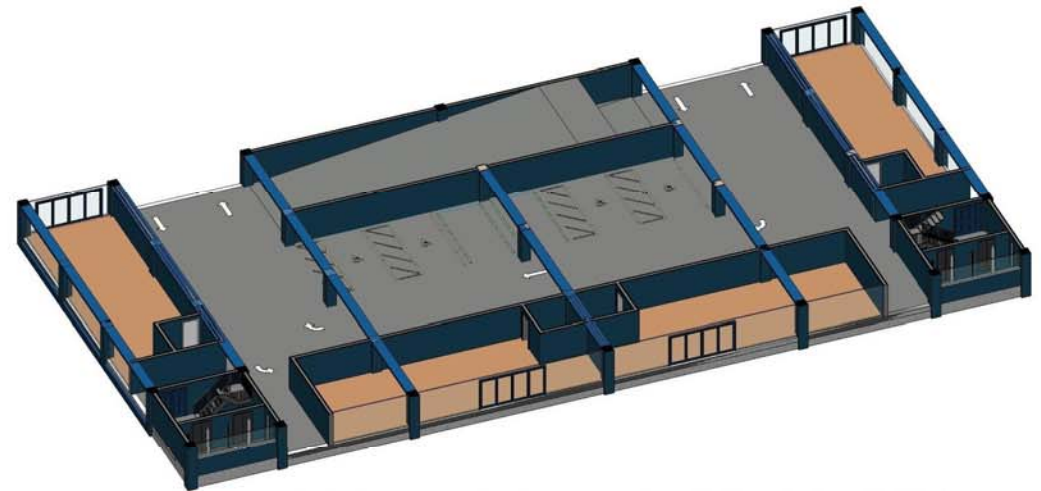
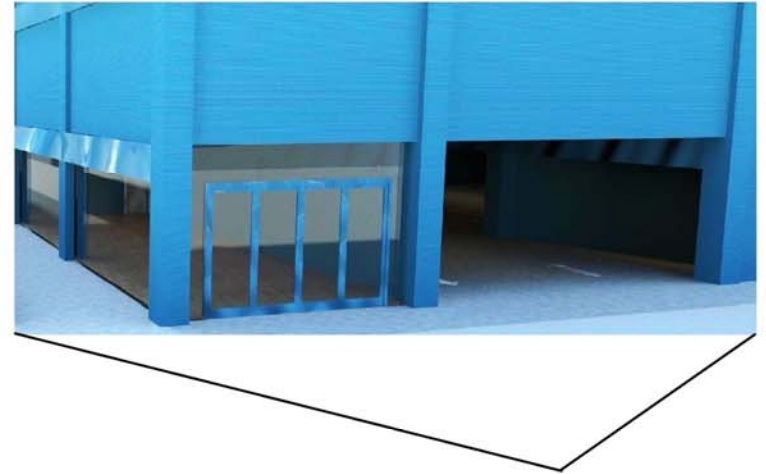
ENTRANCE FOR VEHICLES TO THE BUILDING IS LOCATED ON WILSHIRE BLVD.

(2) 22 FT WIDE DRIVEWAYS PROVIDE EFFICIENT CIRCULATION.

GROUND FLOOR INCLUDES 4 HANDICAP PARKING SPOTS WITH 5 FT AISLES AND 2 LOADING SPOTS.

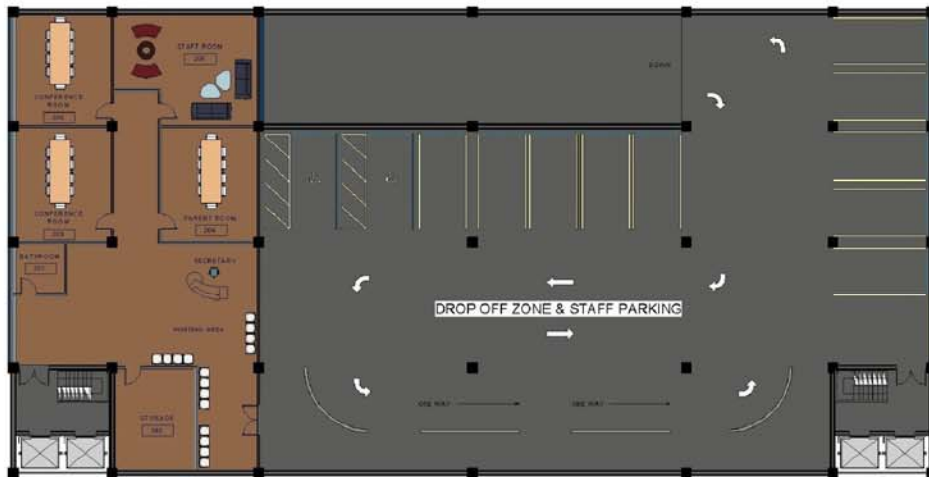
4 RETAIL BUSINESS ARE LOCATED ON GROUND FLOOR WITH 1000 SQ FT EACH.

(BUILDING ENTRANCE RENDERING)



(GROUND FLOOR - RETAIL SECTION)

LEVEL 2 - DROP OFF ZONE

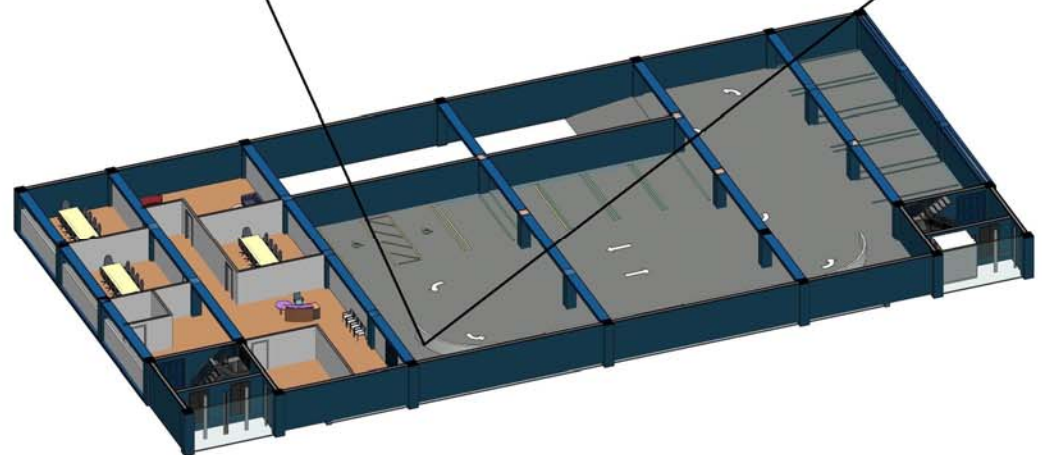


(LEVEL 2 - DROP OFF ZONE FLOOR PLAN)

DROP OFF AREA IS FOR DAY CARE PARKING FOR THE STAFF INCLUDE 10 PARKING SPOTS AND 2 HANDICAP SPOTS. THE ADMINISTRATION FOR THE DAY CARE CENTER IS ALSO LOCATED ON THIS FLOOR.

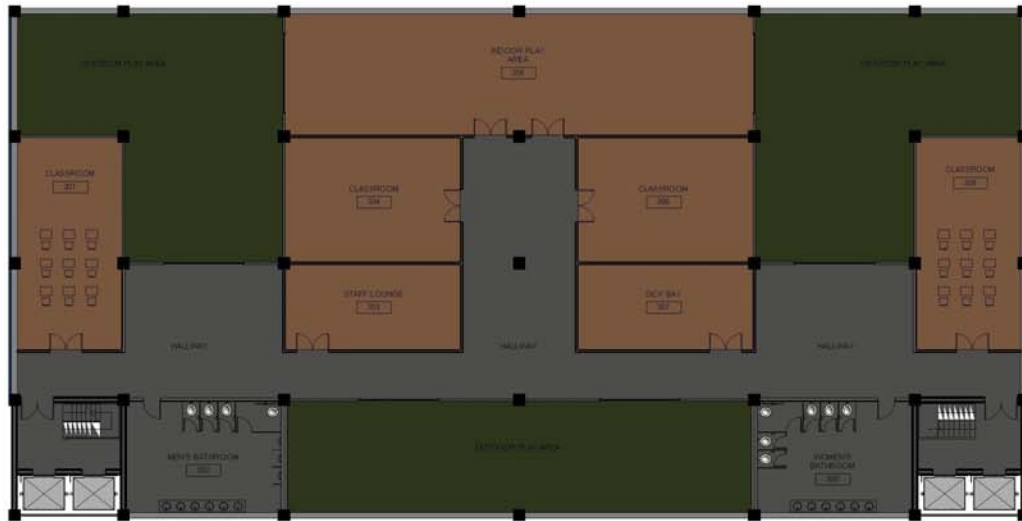
<u>ADMIN. PROGRAM:</u>	<u>SQ FT:</u>
(2) CONFERENCE ROOM	390
PARENTS ROOM	390
STAFF ROOM	520
STORAGE	290

(DROP OFF INTERIOR RENDERING)



(LEVEL 2 - DROP OFF ZONE SECTION)

LEVEL 3 - DAY CARE



(LEVEL 3 - DAY CARE FLOOR PLAN)

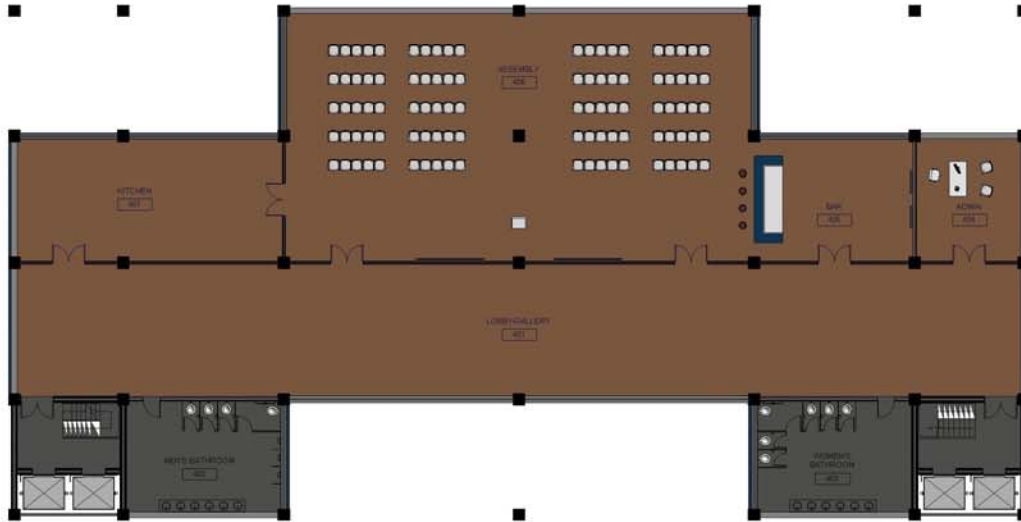
<u>DAY CARE PROGRAM:</u>	<u>SQ FT:</u>
(4) CLASSROOM	650
INDOOR PLAY AREA	1700
(3) OUTDOOR PLAY AREA	1500
STAFF LOUNGE	450
SICK BAY	450
MEN'S BATHROOM	500
WOMEN'S BATHROOM	500

DAY CARE CIRCULATION IS CONTROLLED BY ONE LONG HALLWAY. DAY CARE INCLUDES INDOOR PLAY ARE THAT HAS MULTIPLE EXITS. DOORS TO THE OUTDOOR PLAY AREA ARE MULTIPANEL SLIDING WHEN OPENED IT INTEGRATE OUTDOOR PLAY AREA WITH THE INDOOR PLAY AREA. THE OUTDOOR PLAY AREA CONTAINS TURF GRASS WHICH PROVIDES A MORE OUTDOOR NATURAL FEEL.



(LEVEL 3 - DAY CARE SECTION)

LEVEL 4 - COMMUNITY CENTER



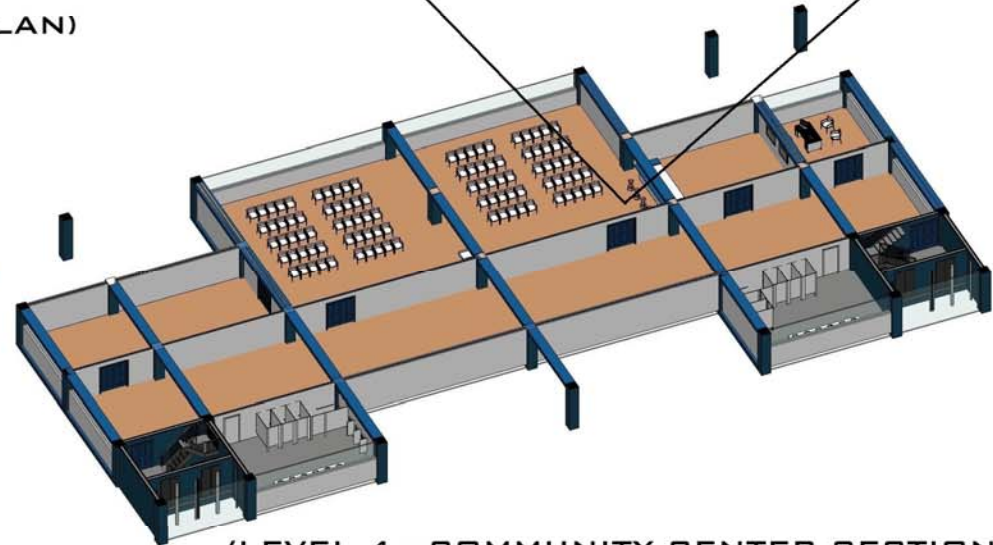
(LEVEL 4 - COMMUNITY CENTER FLOOR PLAN)

COMMUNITY CENTER'S MAIN LOBBY IS WHERE GUEST GATHER BEFORE ENTERING THE ASSEMBLY AREA. ASSEMBLY AREA CONTAINS 100 SEATS.

<u>COMM. CENTER PROGRAM:</u>	<u>SQ. FT.:</u>
ASSEMBLY ROOM	3500
KITCHEN	970
BAR	580
ADMIN OFFICE:	380



(BAR INTERIOR RENDERING)



(LEVEL 4 - COMMUNITY CENTER SECTION)

LEVEL 5 - RESIDENTIAL



2 BEDROOM A PROGRAM:	SQ FT:
LIVING ROOM/KITCHEN	800
(2) BEDROOM	330/270
PATIO	400
2 BEDROOM B PROGRAM:	SQ FT:
LIVING ROOM/KITCHEN	470
(2) BEDROOM	270/220
PATIO	860

(LEVEL 5 - RESIDENTIAL FLOOR PLAN)

SINGLE A PROGRAM:	SQ FT:
LIVING ROOM/KITCHEN	340
BEDROOM	360
SINGLE B PROGRAM:	SQ FT:
LIVING ROOM/KITCHEN	470
BEDROOM	510



(LEVEL 5 - RESIDENTIAL SECTION)

LEVEL 6 - RESIDENTIAL



(LEVEL 6 - RESIDENTIAL FLOOR PLAN)

ALL RESIDENTIAL FLOORS HAVE A STRAIGHT HALLWAYS DESIGN FOR EASY ACCESS. ALL INTERIOR SPACE HAS HARDWOOD FLOORING. ALL PATIO SPACE HAVE TURF GRASS. PATIO ALSO HAS 12 FT MULTIPANEL GLASS DOORS.

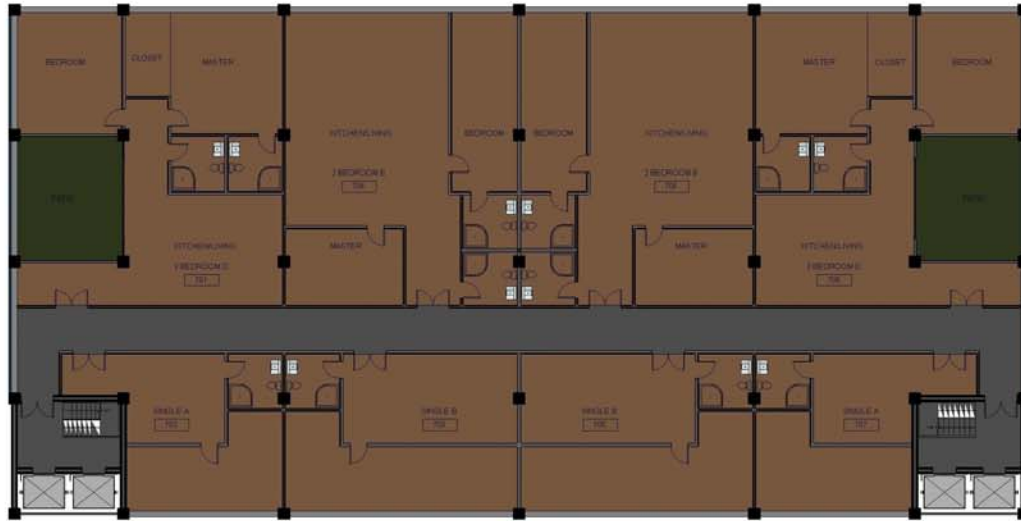
<u>LOFT A PROGRAM:</u>	<u>SQ FT:</u>
LIVING/BEDROOM	510
<u>LOFT B PROGRAM:</u>	<u>SQ FT:</u>
LIVING/BEDROOM	690

<u>2 BEDROOM A PROGRAM:</u>	<u>SQ FT:</u>
LIVING ROOM/KITCHEN	800
(2) BEDROOM	330/270
PATIO	400
<u>2 BEDROOM C PROGRAM:</u>	<u>SQ FT:</u>
LIVING ROOM/KITCHEN	560
(2) BEDROOM	270/220



(LEVEL 6 - RESIDENTIAL SECTION)

LEVEL 7,9,11 - RESIDENTIAL



LEVELS 7, 9, 11 HAVE A REPEAT FLOOR PLAN DESIGN.

SINGLE A PROGRAM: SQ FT:

LIVING ROOM/KITCHEN 340

BEDROOM 360

SINGLE B PROGRAM: SQ FT:

LIVING ROOM/KITCHEN 470

BEDROOM 510

(LEVEL 7,9,11 - RESIDENTIAL FLOOR PLAN)

2 BEDROOM D PROGRAM: SQ FT:

LIVING ROOM/KITCHEN 800

(2) BEDROOM 530/380

PATIO 400

2 BEDROOM E PROGRAM: SQ FT:

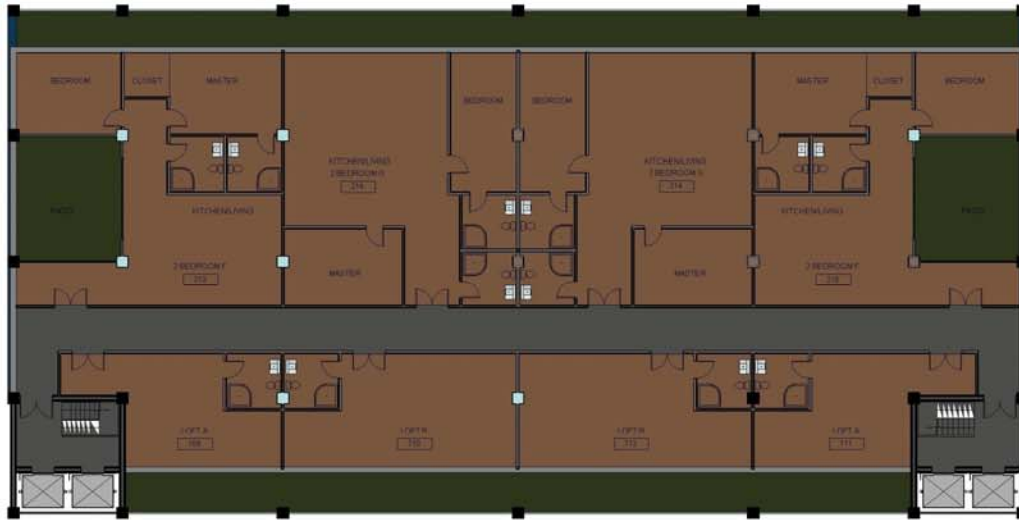
LIVING ROOM/KITCHEN 1200

(2) BEDROOM 350/270



(LEVEL 7,9,11 - RESIDENTIAL SECTION)

LEVEL 8,10 - RESIDENTIAL



(LEVEL 8,10 - RESIDENTIAL FLOOR PLAN)

BATHROOM IN ALL UNIT ARE THE SAME 10 FT X 10 FT DESIGN. THEY INCLUDE TOILET, SINK AND STAND UP SHOWER.

LOFT A PROGRAM: **SQ FT:**

LIVING ROOM/BEDROOM 510

LOFT B PROGRAM: **SQ FT:**

LIVING ROOM/BEDROOM 690

2 BEDROOM F PROGRAM: **SQ FT:**

LIVING ROOM/KITCHEN 800

(2) BEDROOM 340/260

PATIO 400

2 BEDROOM G PROGRAM: **SQ FT:**

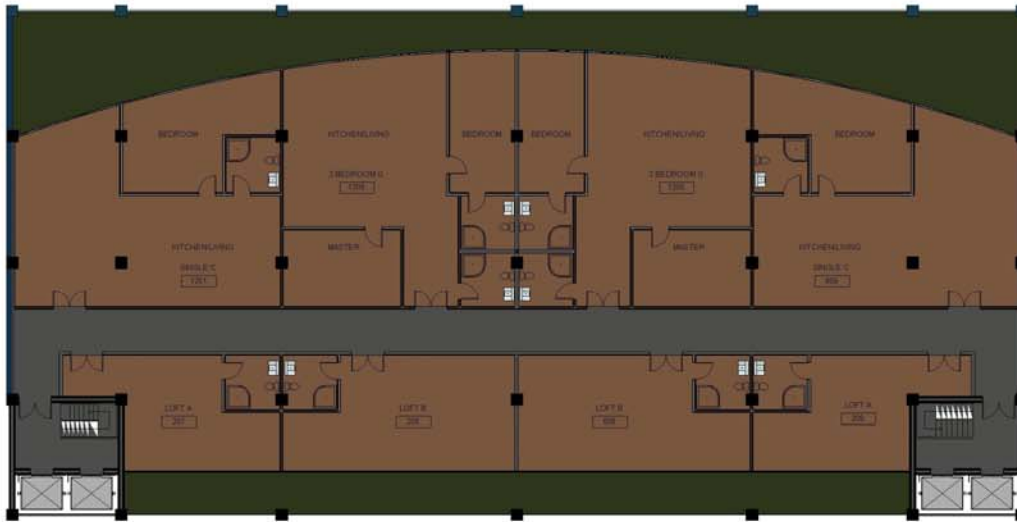
LIVING ROOM/KITCHEN 1000

(2) BEDROOM 270/270



(LEVEL 8,10 - RESIDENTIAL SECTION)

LEVEL 12 - RESIDENTIAL



(LEVEL 12 - RESIDENTIAL FLOOR PLAN)

TOP FLOOR DESIGN IS A FULL GLASS ARC ACROSS THE FRONT OF THE BUILDING.

SINGLE C PROGRAM: SQ FT:

LIVING ROOM/KITCHEN 1140

BEDROOM 410

2 BEDROOM G PROGRAM: SQ FT:

LIVING ROOM/KITCHEN 970

(2) BEDROOM 280/270

LOFT A PROGRAM: SQ FT:

LIVING/BEDROOM 510

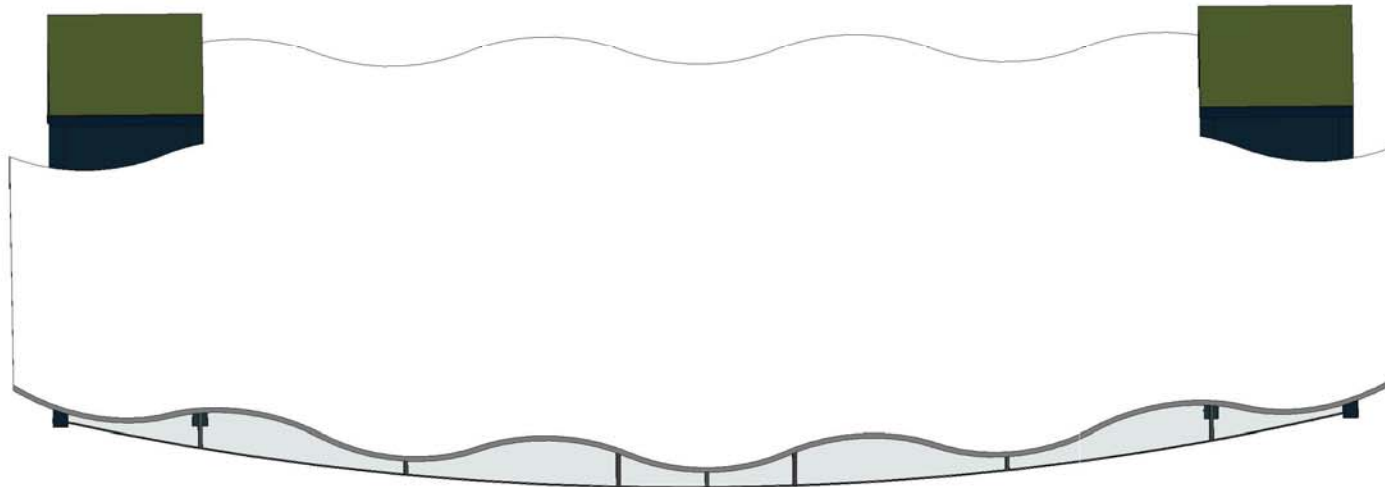
LOFT B PROGRAM: SQ FT:

LIVING/BEDROOM 690



(LEVEL 12 - RESIDENTIAL SECTION)

ROOF



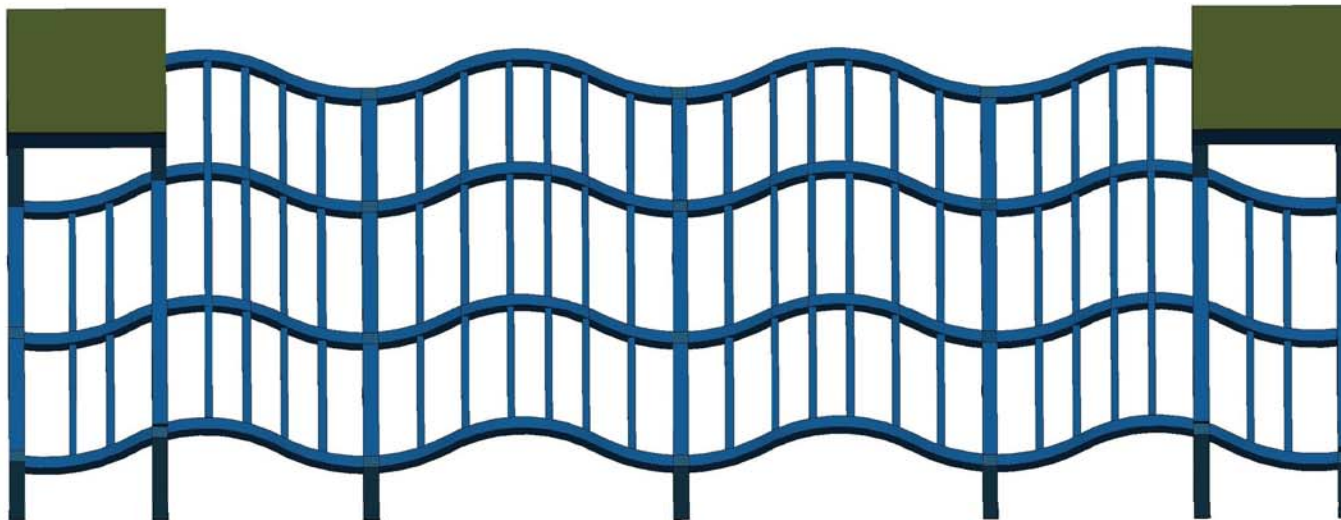
(ROOF DESIGN)

THE ROOF DESIGN WAS INSPIRED TO ADD BEAUTY ON TO THE STRUCTURE.

THE OVERHANG ON BOTH THE LEFT AND RIGHT SIDE EXTEND UPWARDS TO PRODUCE AN ANGEL WING.

THE VERTICAL CIRCULATION TOWERS STAND 10 FT TALLER THAN THE ROOF. PRODUCING AN ASPECT OF SUPERIORITY.

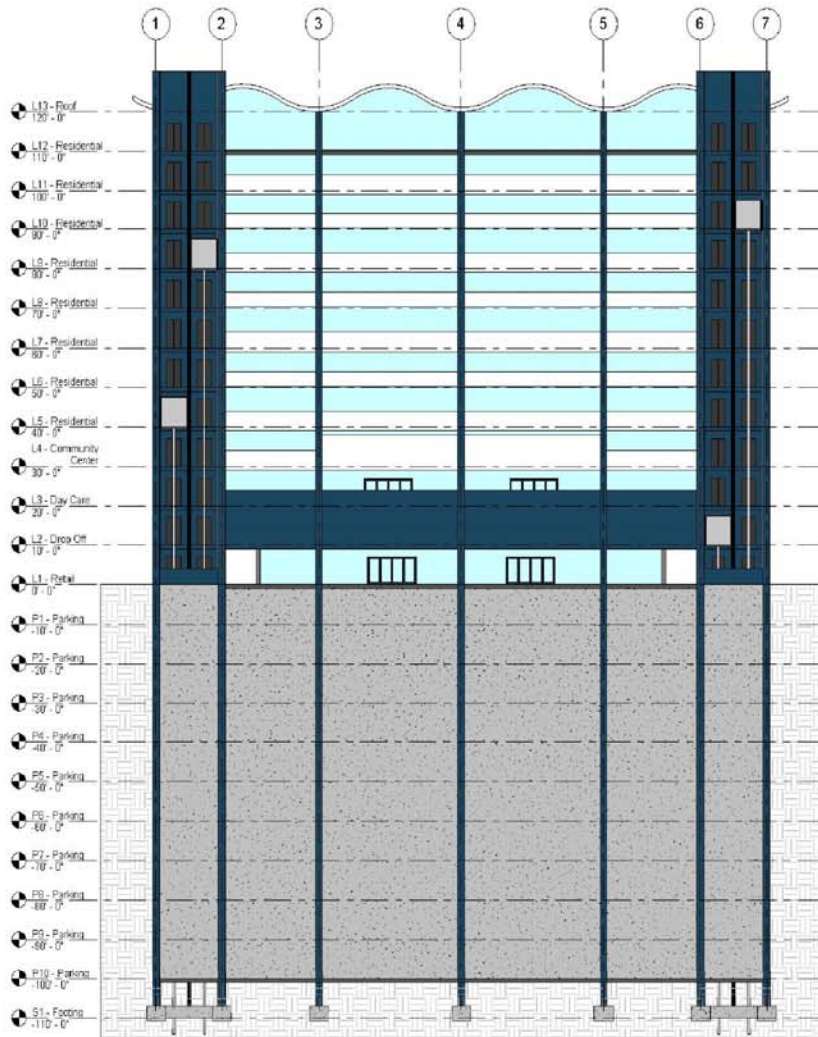
THE DESIGN OF THE ROOF WILL FORCE RAIN WATER INTO THE GROOVES OF THE ROOF. WHICH IN RETURN WILL ALLOW FOR EASY DRAINAGE DESIGN.



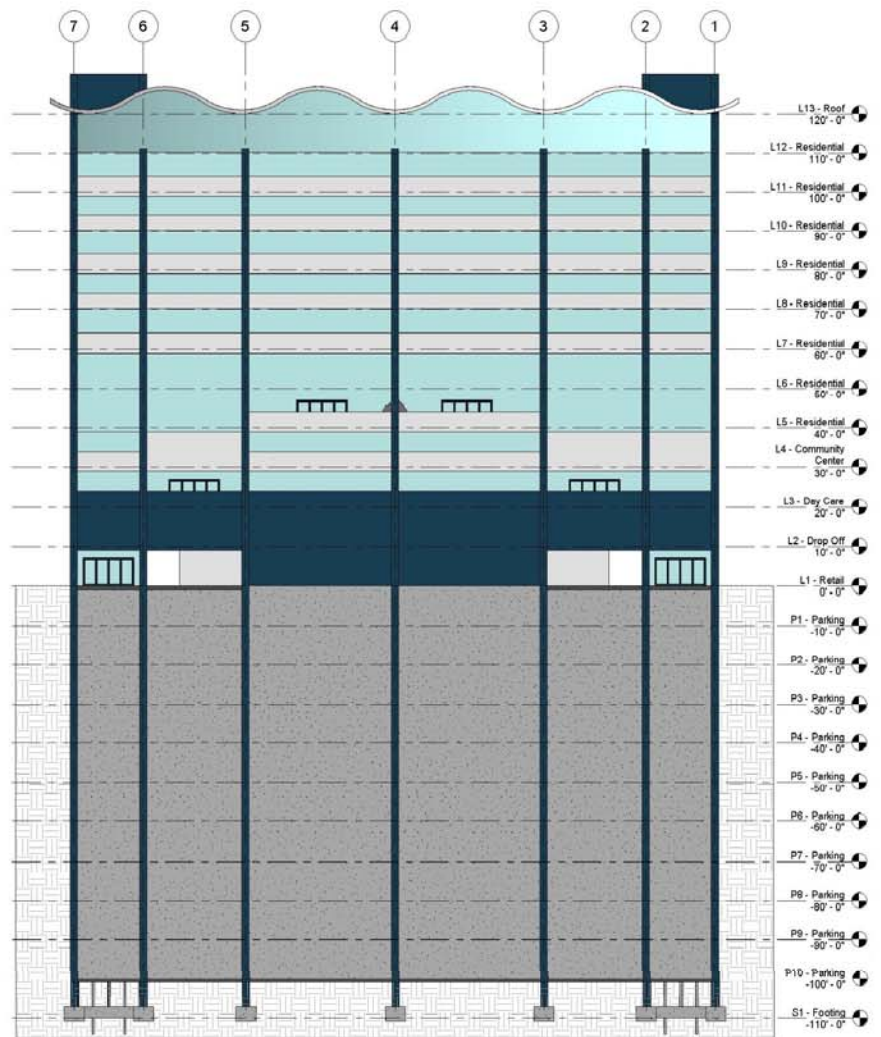
(ROOF SUPPORT STRUCTURE)

ELEVATIONS

NORTHEAST ELEVATION / BACK

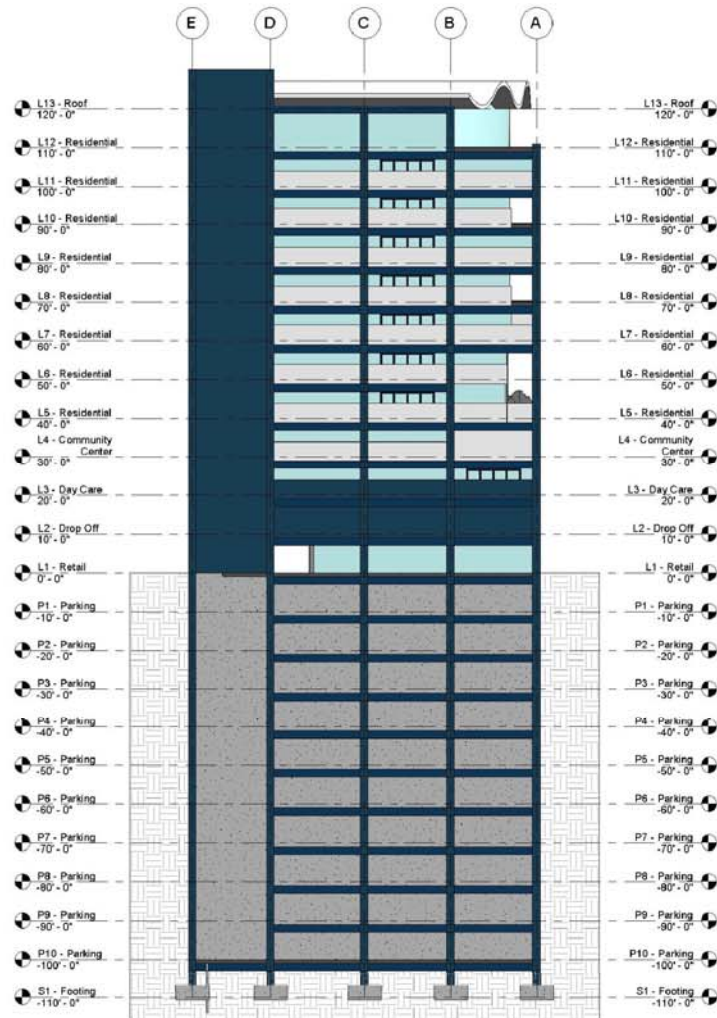


SOUTHWEST ELEVATION / FRONT

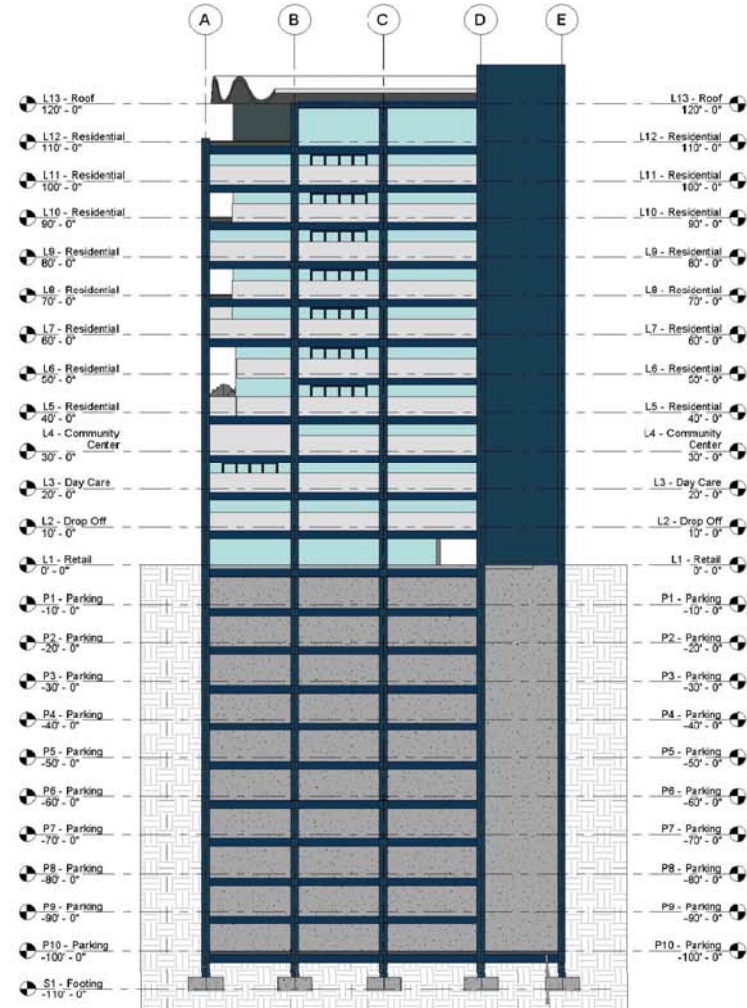


ELEVATIONS

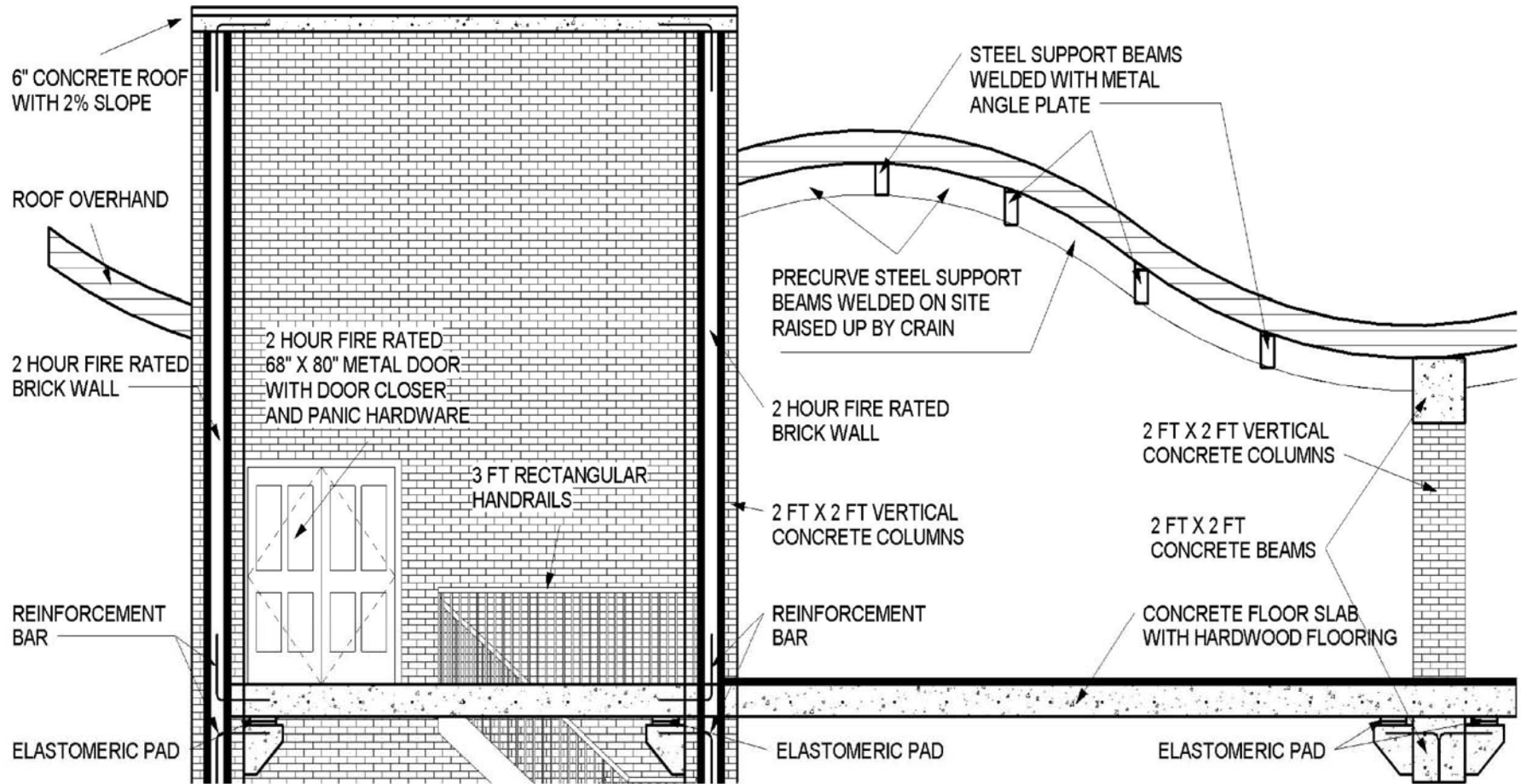
NORTHWEST / RIGHT



SOUTHEAST / LEFT

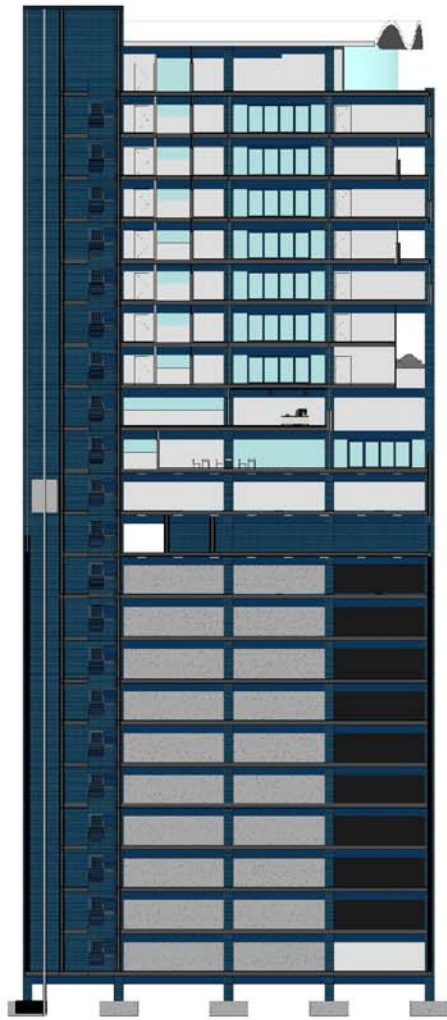


DETAILS

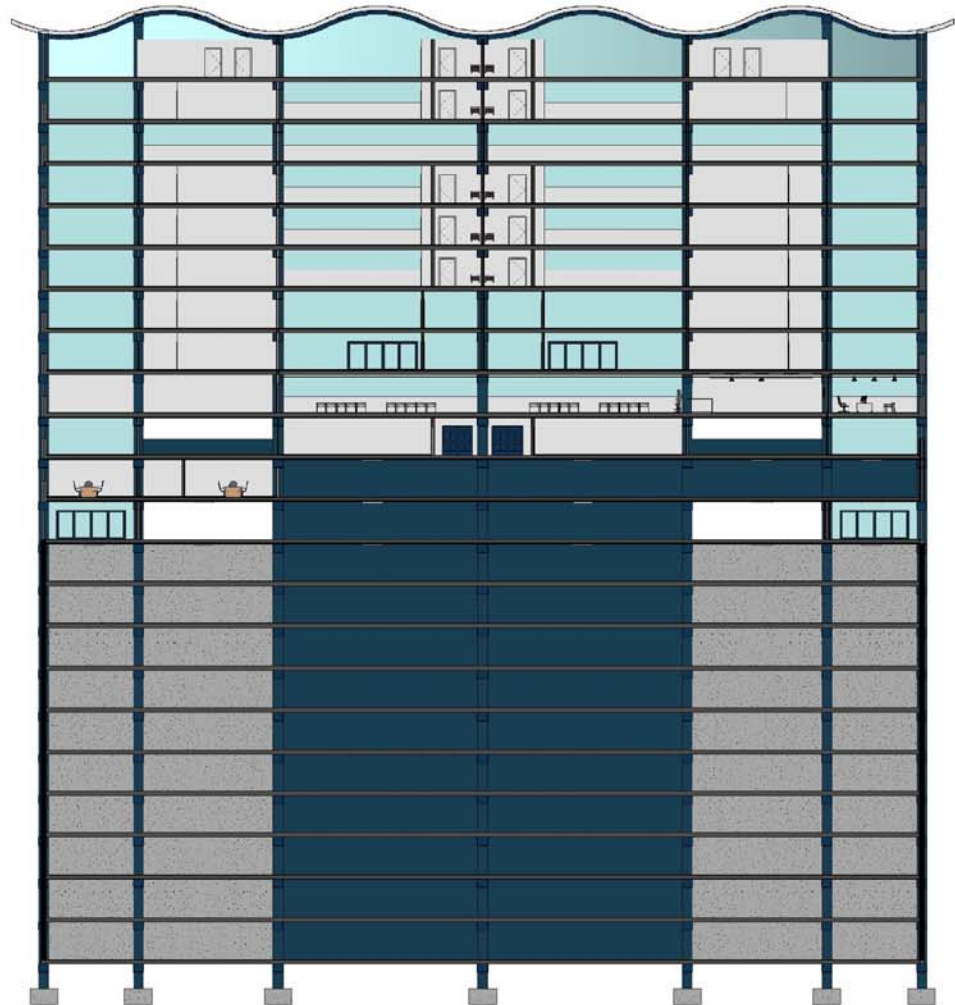


(CIRCULATION, ROOF AND STRUCTURE DETAILS)

SECTIONS

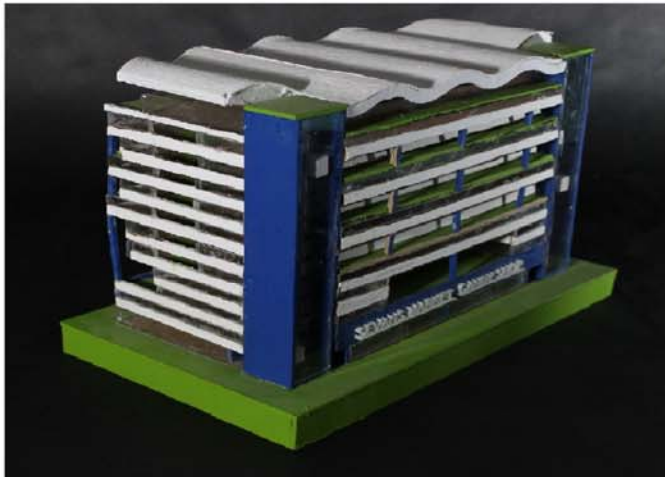


(LONGITUDINAL SECTION)



(LATITUDINAL SECTION)

MODEL PHOTOGRAPH



(EAST - 1/16" MODEL)



(WEST - 1/16" MODEL)



(NORTH - 1/16" MODEL)



(SOUTHWEST - 1/16" MODEL)

MODEL PHOTOGRAPH



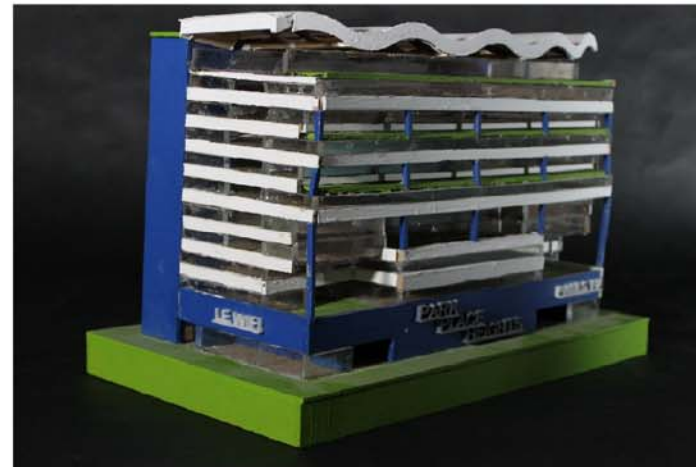
(EAST - 1/16" MODEL)



(SOUTH - 1/16" MODEL)



(NORTH - 1/16" MODEL)



(WEST - 1/16" MODEL)

**THANK YOU FOR YOUR TIME VIEWING MY PORTFOLIO.
SOFTWARES THAT I USED ON THIS PROJECT WAS AUTODESK
AUTOCAD, AUTODESK REVIT ARCHITECTURE, AUTODESK REVIT
STRUCTURE, ADOBE PHOTOSHOP, AND MICROSOFT PAINT. I AM
ALSO PROFICIENT IN GOOGLE SKETCHUP AND RHINOCEROS.**

