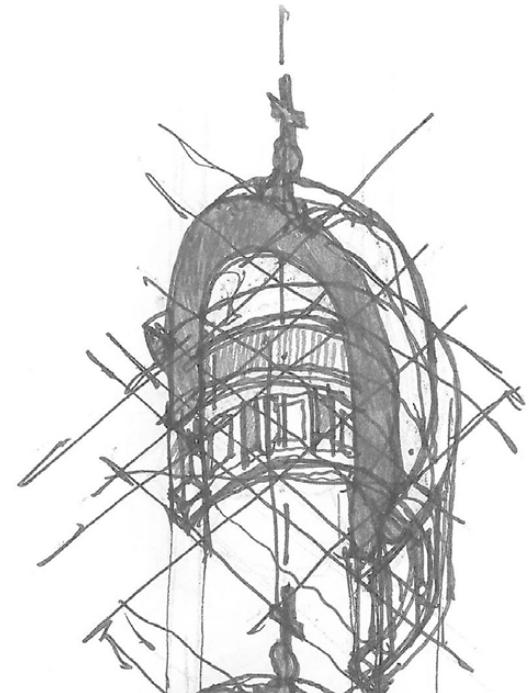
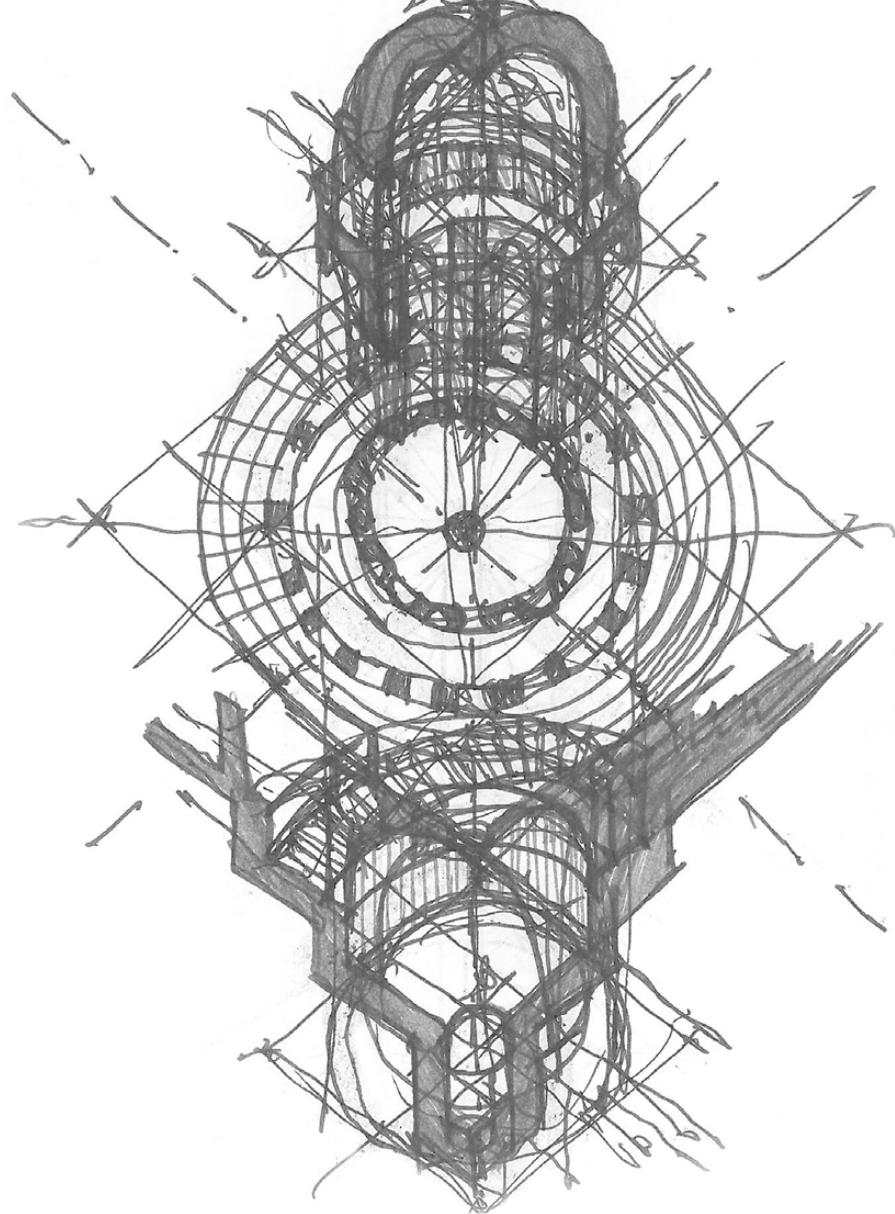




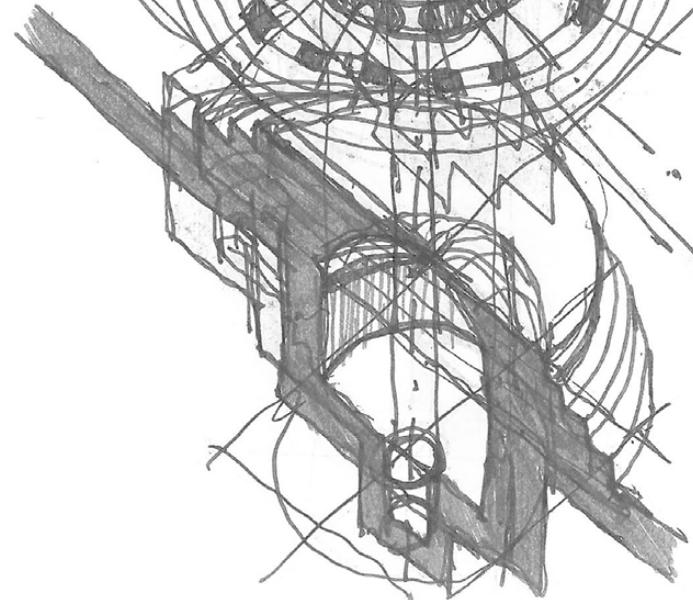
EGRUOPP@GMAIL.COM
ISSUE.COM/EGRUOPP
609.954.8470

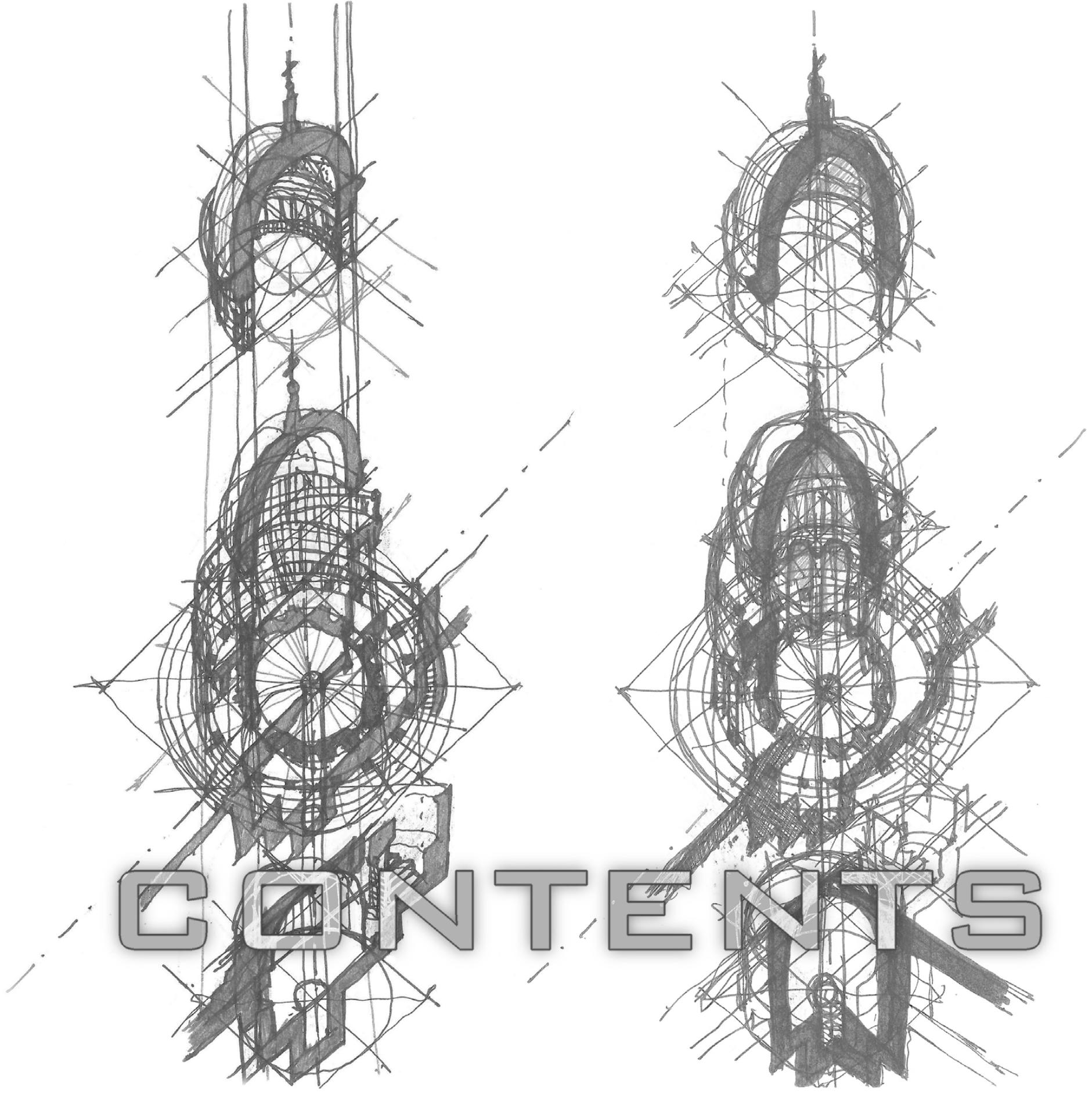
EMILY G. RUOPP

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METLIFE COMPETITION

METALS IN CONSTRUCTION MAGAZINE
MIDTOWN EAST / NEW YORK, NY

Ai

CLIENT:

METALS IN CONSTRUCTION MAGAZINE

Id

PROJECT DESCRIPTION:

THE MANDATE OF THE COMPETITION WAS TO REIMAGINE 200 PARK AVENUE (FORMERLY THE PAN AM BUILDING, NOW THE METLIFE BUILDING) WITH A RESOURCE-CONSERVING, ECO-FRIENDLY ENCLOSURE, THAT CREATES A HIGHLY EFFICIENT ENVELOPE. THE VISION FOR RECLADDING 200 PARK AVENUE MUST ENHANCE THE BUILDING'S LIGHTNESS AND TRANSPARENCY SOUGHT BY TODAY'S OFFICE WORKFORCE, WHILE PRESERVING THE BUILDING'S HERITAGE.

Ps



PD

THERE ARE THREE MAIN ALTERATIONS TO REINVENT THE METLIFE BUILDING: (1) EXISTING WINDOW MODULES WERE REPLACED TO REDUCE SOLAR HEAT GAIN AND CREATE A LESS MONOLITHIC AESTHETIC; (2) A NEW GLASS VEIL WAS ADDED TO THE PERIMETER OF THE FACADE TO REDUCE SOLAR HEAT GAIN, MAINTAIN A THERMAL BUFFER, AND HARVEST DAYLIGHT; AND (3) A SOLAR CHIMNEY WAS ADDED TO THE ROOF TO INDUCE CONVECTION AND VENTILATE THE BUILDING.

SD

ROLE:

DESIGNER / FINAL PRODUCTION

DD

CD

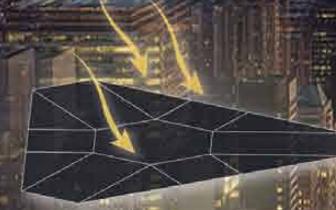
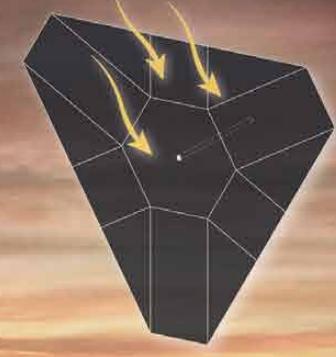
CA







MetLife



LIGHT POLLUTION /
SUN SHADING

LIGHT RAIN

HEAVY RAIN



LIGHT WIND

HEAVY WIND





TRIPLE GLAZED CLEAR GLASS W/ SHUTTER SYSTEM

HORIZONTAL DAYLIGHTING SYSTEM

• HIGHLY REFLECTIVE DUCT

SOLAR CHIMNEY

DIFFUSER

CONTROLLABLE AIR INLET

TRIPLE GLAZED CLEAR GLASS WITH SHUTTER SYSTEM

HORIZONTAL DAYLIGHTING SYSTEM:

- EXTERIOR SHUTTER SYSTEM CAN BE CLOSED TO (BLOCK) THE SUNLIGHT IF NEEDED
- DIMMABLE ELECTRIC LIGHTING CAN COMPENSATE INSUFFICIENT SUNLIGHT ON OVERCAST DAYS
- REACH 20-30' DEEP INTO THE SPACE





MetLife

ONE WAY

WALKWAY

Red traffic light

Pedestrians

SOLAR CHIMNEY

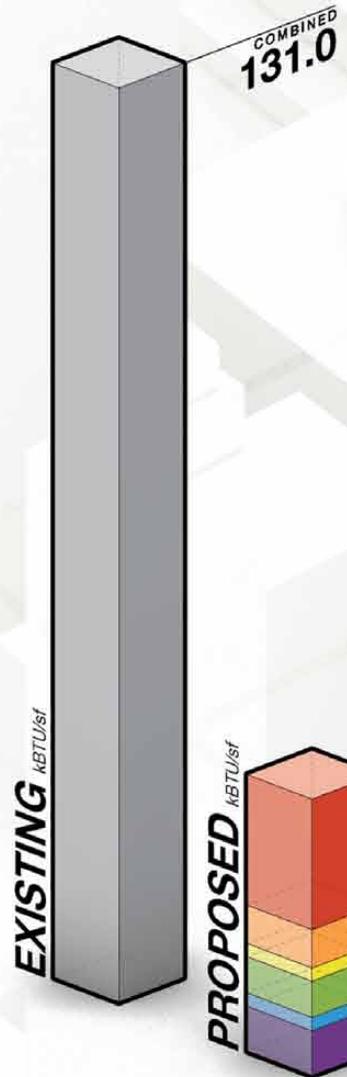
ROOF ATRIA ADDITION

NEW PERFORMATIVE VEIL

WINTER GARDEN

NEW DAYLIGHT RECEPTOR PANELS

ENHANCED EXISTING FACADE



EQUIPMENT
18.7

LIGHTING
5.5

SWH
1.9

FANS & PUMPS
5.2

COOLING
1.9

HEATING
6.4

COMBINED
39.6

PARK AVE VIADUCT

EAST 42ND STREET

2

LEHIGH UNIVERSITY

BUILDING C ADDITION AND RENOVATION
MOUNTAINTOP CAMPUS / BETHLEHEM, PA

Ai

CLIENT:

LEHIGH UNIVERSITY, MOUNTAINTOP INITIATIVE

Id

PROJECT DESCRIPTION:

ONCE THE INDUSTRIAL COMPLEX FOR BETHLEHEM STEEL, BUILDING C IS A THREE-STORY STRUCTURE WITH THREE HIGH-BAY WINGS (C1, C2, AND C3), CONNECTED BY A HORIZONTALLY CURVED SPINE.

Ps



TODAY LEHIGH UNIVERSITY IS REINVENTING THE TRADITIONAL ACADEMIC ENVIRONMENT TO SUPPORT LEHIGH UNIVERSITY'S MOUNTAINTOP INITIATIVE: "INQUIRY TO IMPACT," WHICH IS A INTERDISCIPLINARY PURSUIT OF NEW INNOVATIONS VIA COMPLEX PROBLEM SOLVING AND ITERATIVE EXPLORATION.



TO FACILITATE CIRCULATION, A GRAND ENTRANCE NEAR THE C3 HIGH BAY AND AN ENCLOSED GLASS CORRIDOR ALONG THE SPINE WERE ADDED TO THE EXISTING BUILDING. THE INTERIOR SPACES FEATURE A VARIETY OF COMMON AREAS, MAKERSPACES, AND "MIXING BOXES" IN EACH HIGH-BAY, IN ORDER TO ACCOMMODATE THIS UNIQUE PROGRAM. GIVEN THAT THE BUILDING WAS ORIGINALLY DESIGNED BY AND BUILT FOR ONE OF THE LARGEST STRUCTURAL STEEL PRODUCERS, IT IS NO SURPRISE THAT THE STRUCTURAL STEEL FRAMING OF THE ADDITIONS IN EACH HIGH-BAY WAS THE PROMINENT DESIGN ELEMENT.



PD

SD

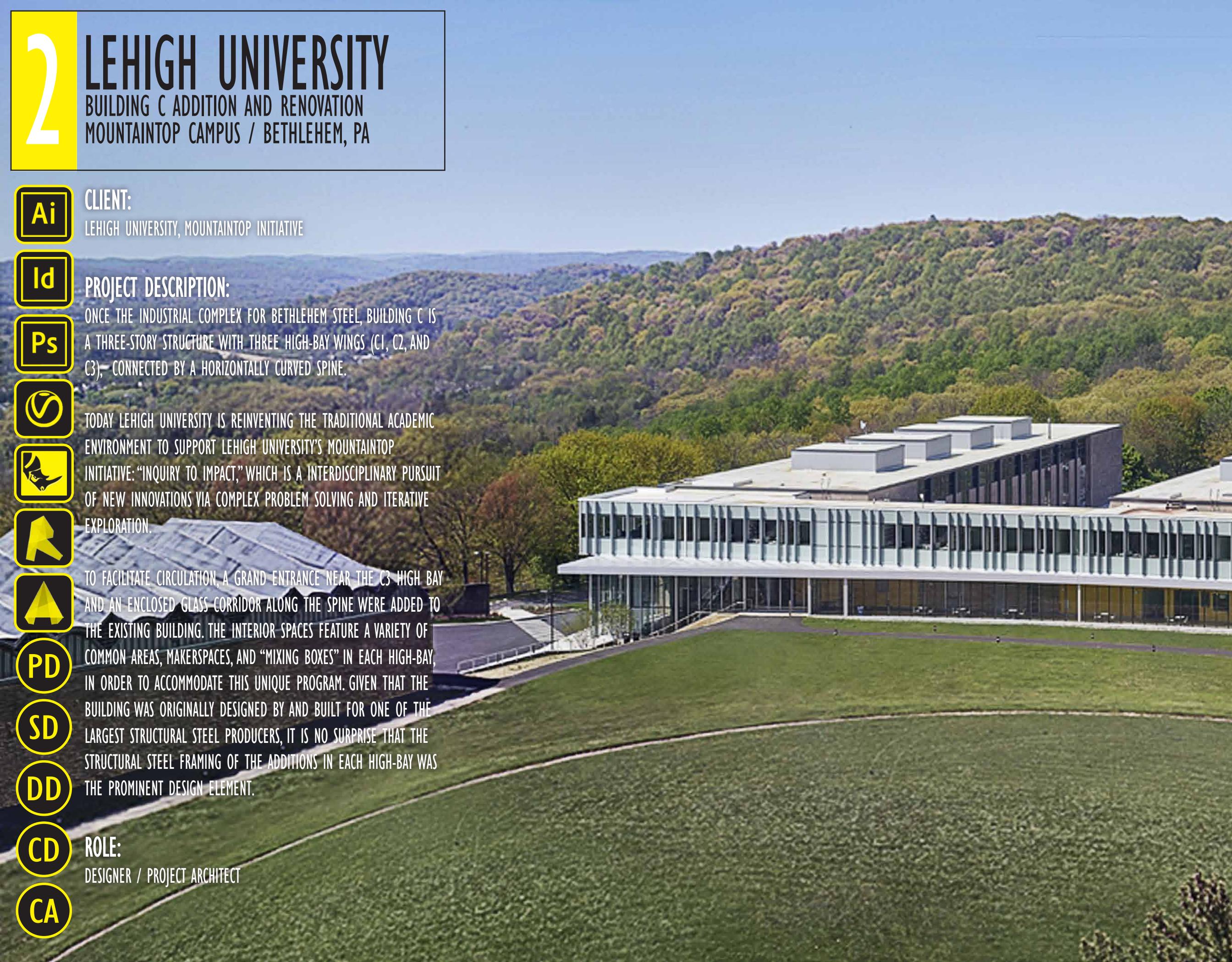
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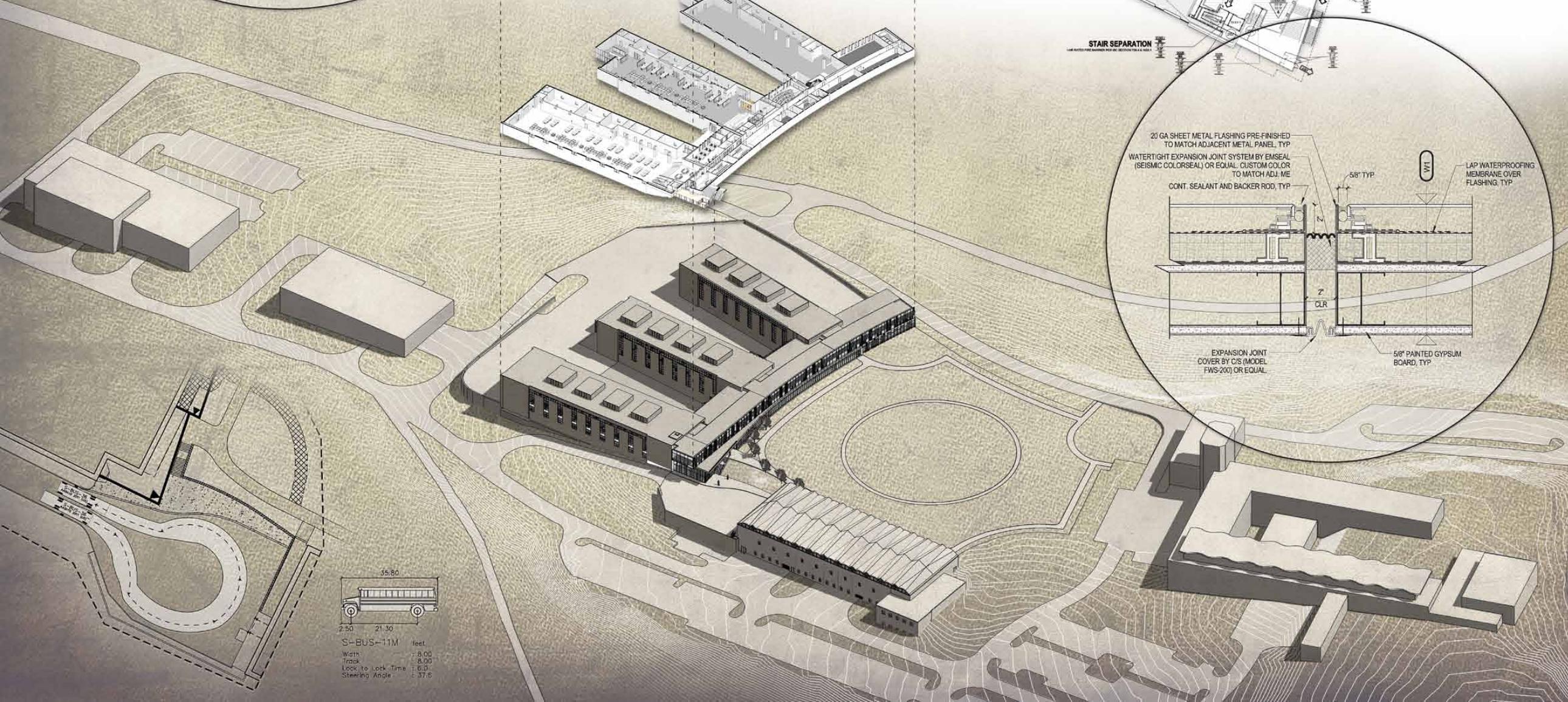
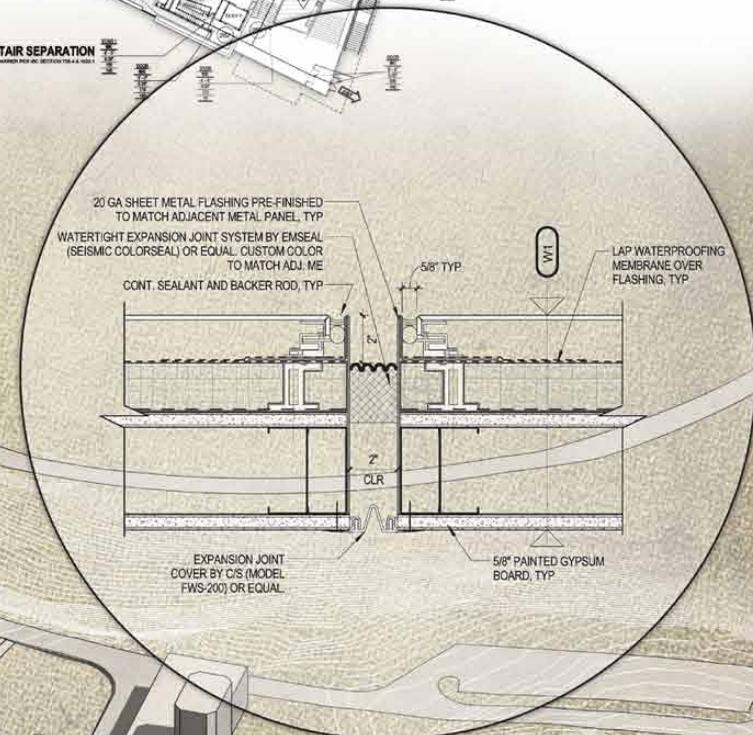
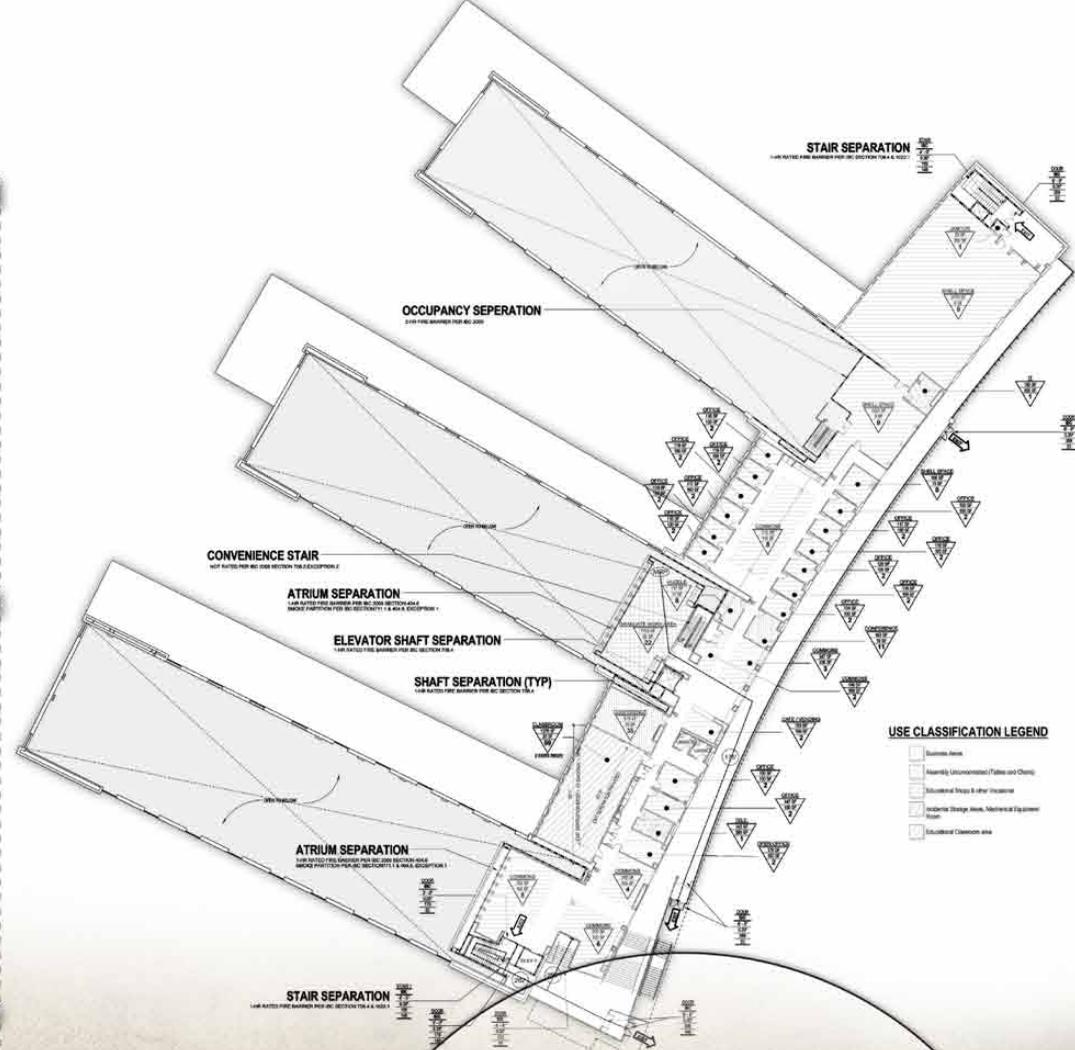
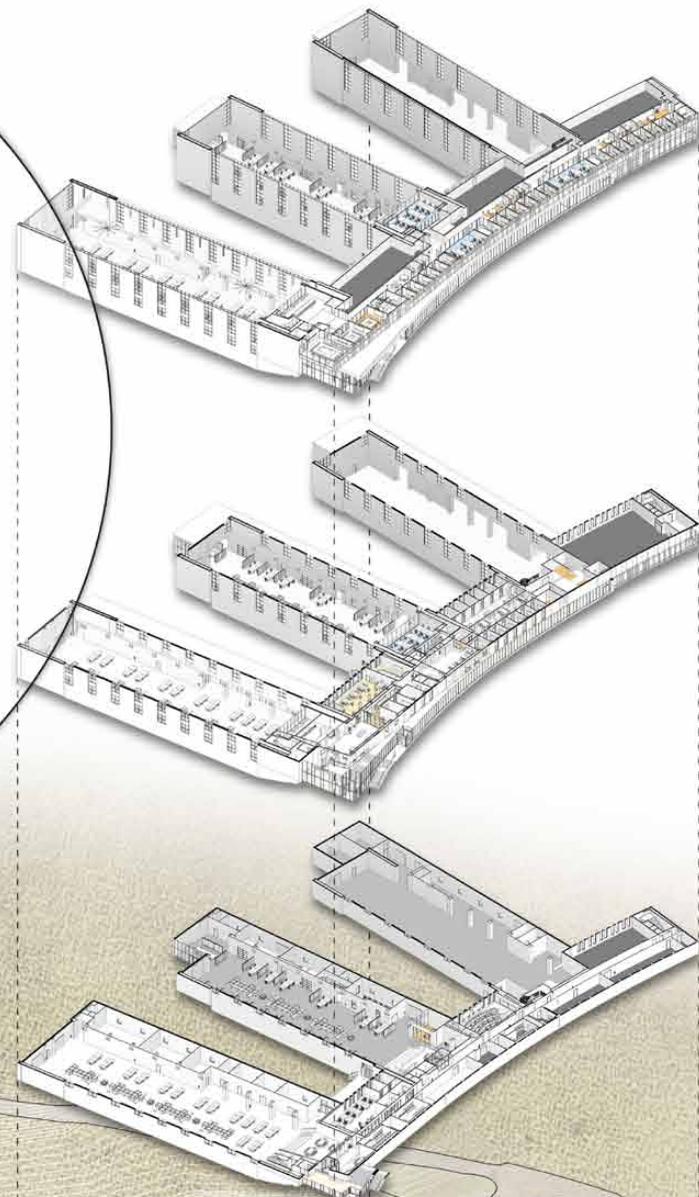
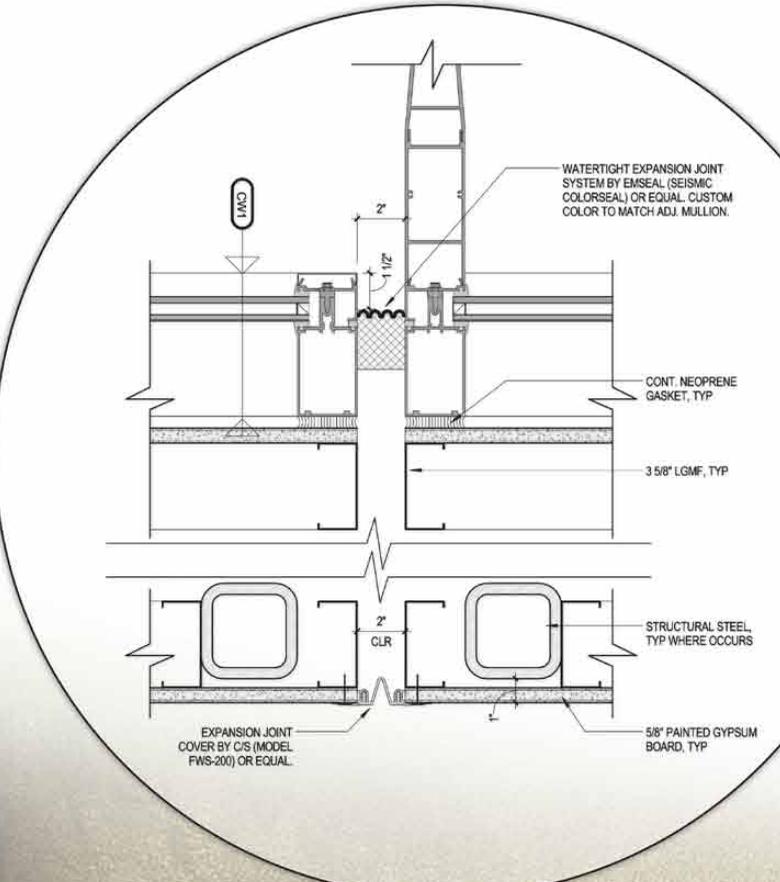
ROLE:

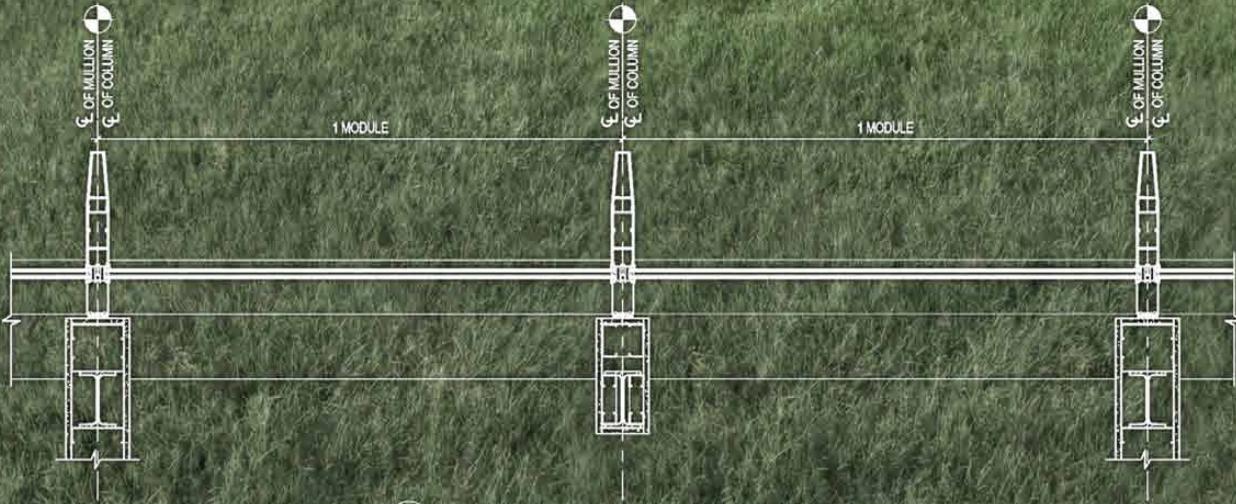
DESIGNER / PROJECT ARCHITECT

CA

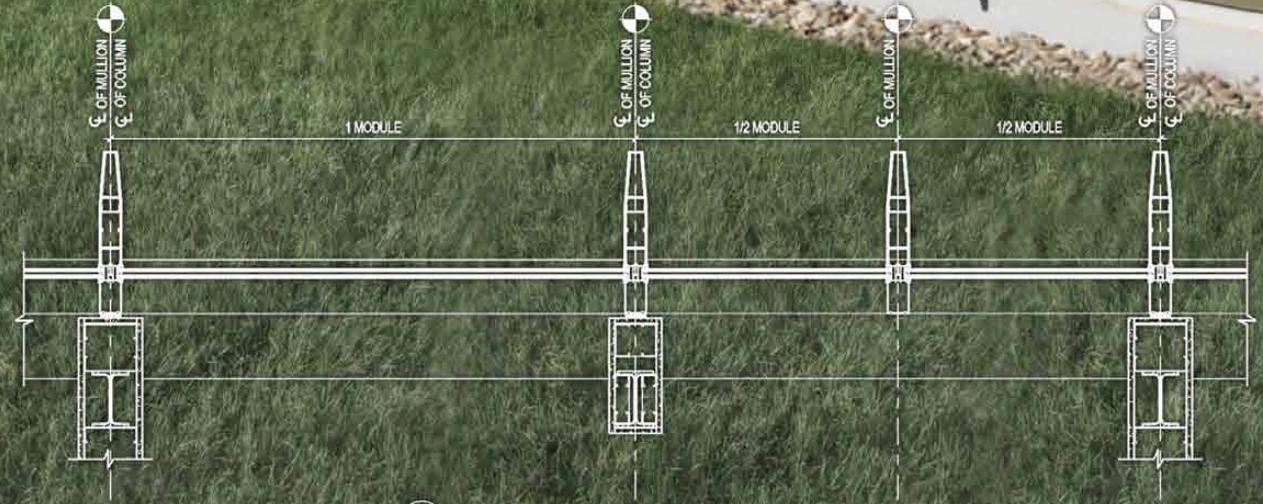




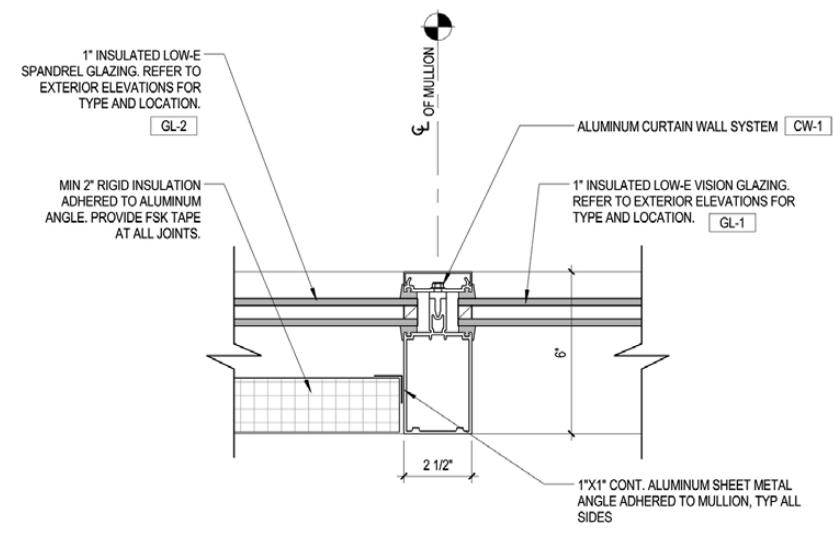
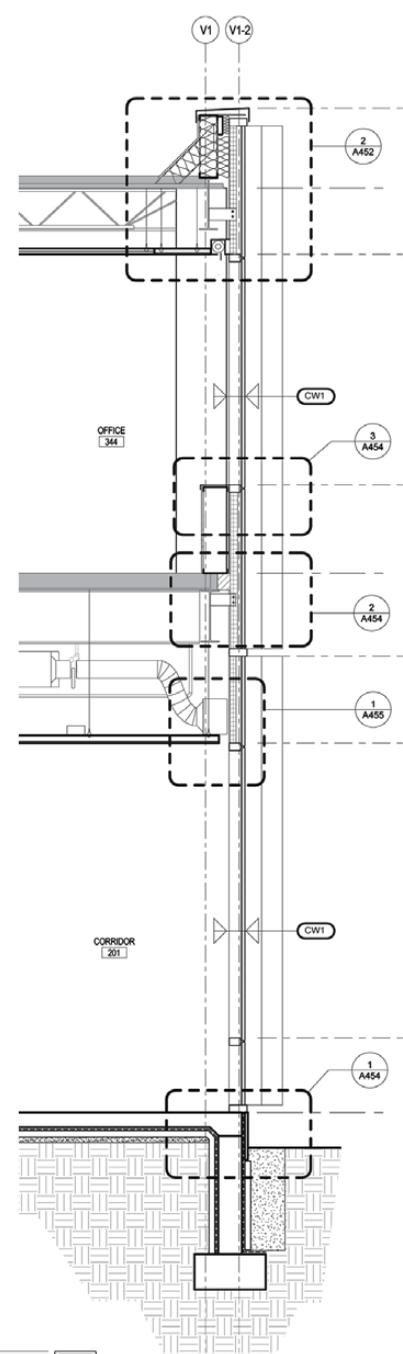
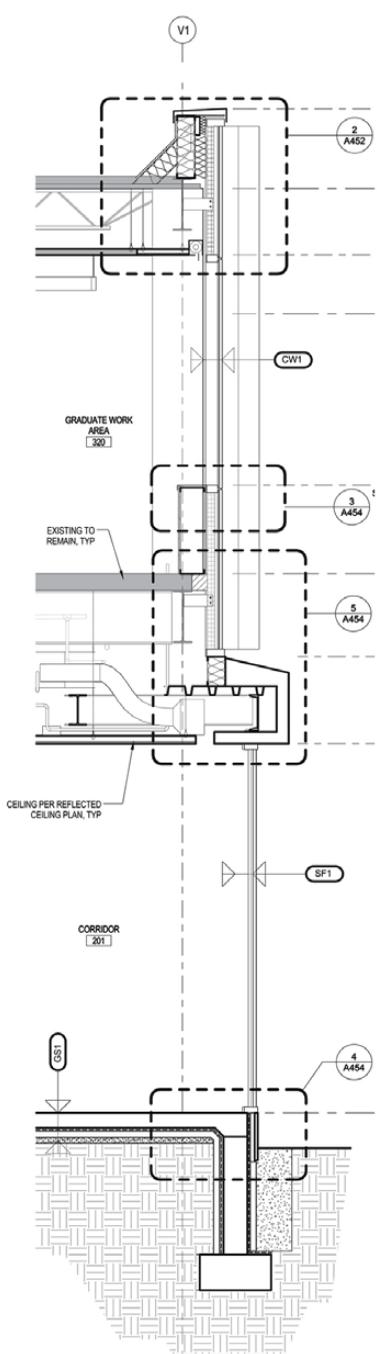




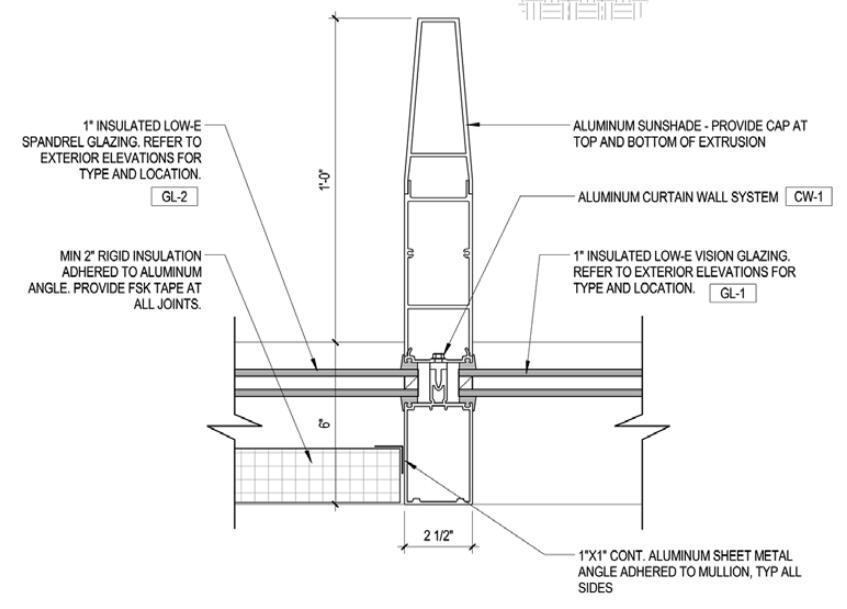
(A) CURTAIN WALL LAYOUT - MODULE A



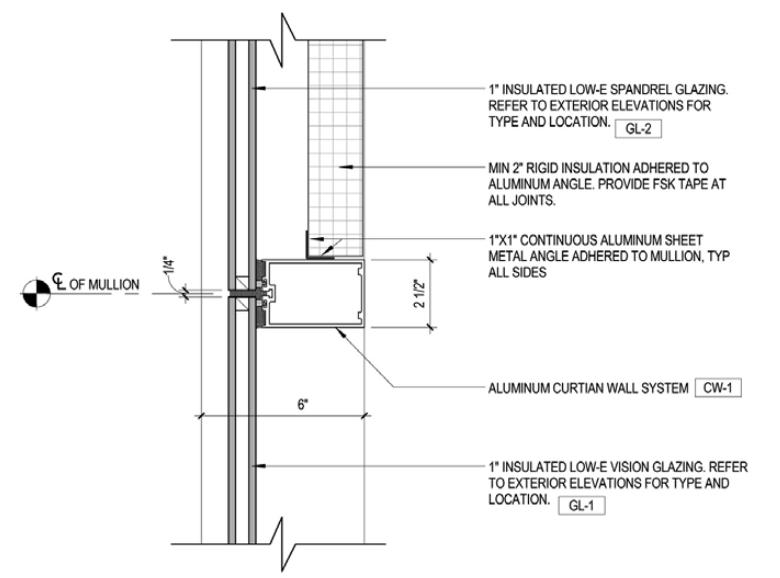
(B) CURTAIN WALL LAYOUT - MODULE B



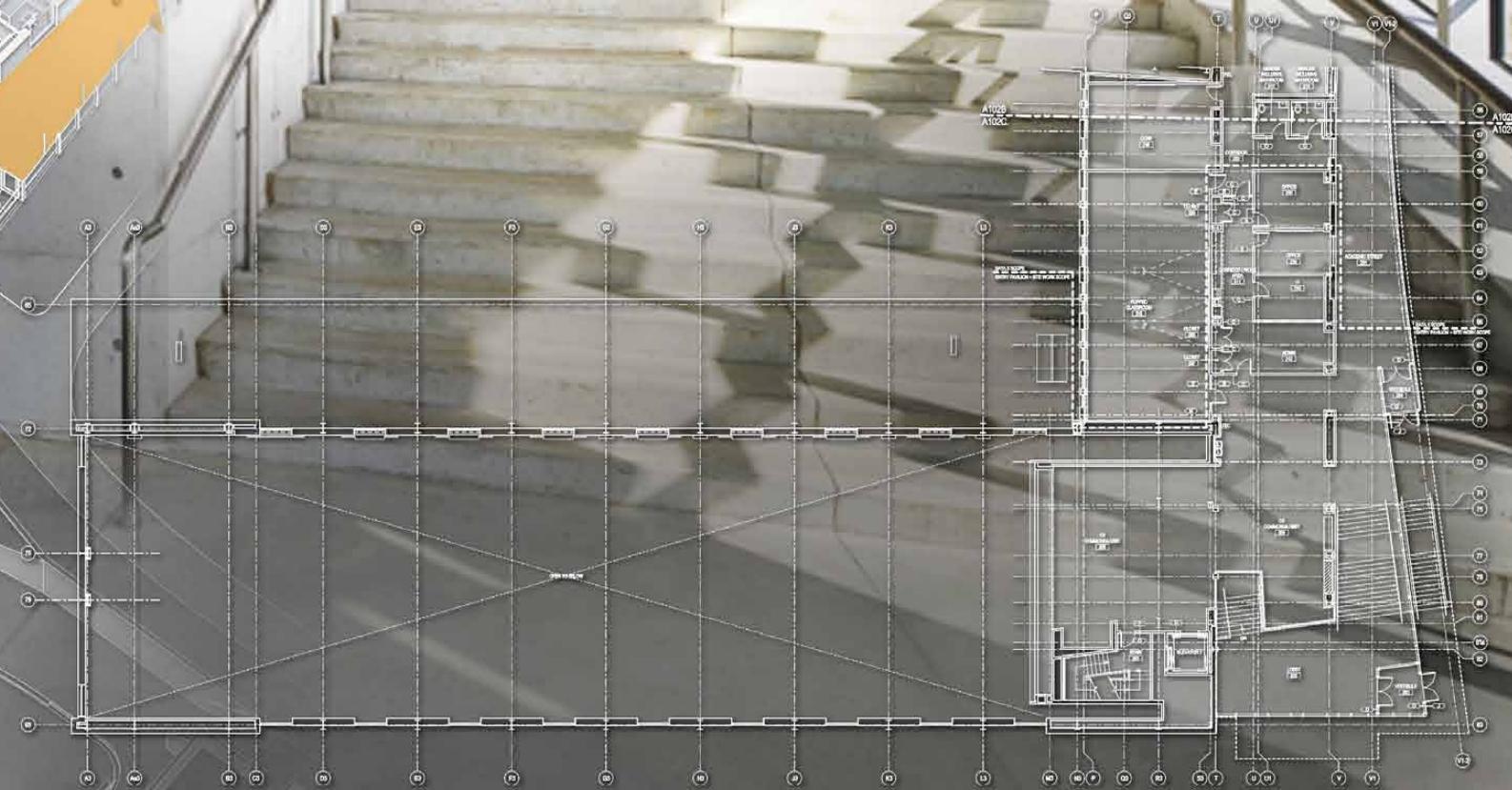
A VERTICAL CAPTURED MULLION (PLAN DETAIL)



B VERTICAL CAPTURED MULLION WITH SUNSHADE (PLAN DETAIL)



C HORIZONTAL STRUCTURAL SILICONE GLAZED MULLION (SECTION DETAIL)





FLOORING

- CPT-1 Interface Carpet Planks - Dark Gray
- CPT-2 Interface Carpet Planks - Light Gray
- CPT-3 Interface Carpet Planks - Accent
- SC-1 Sealed Concrete
- SDT-1 Johnsonite Static Dissipative Tile
- WM-1 Entry Mat Grating System



WALLS

- B-1 Johnsonite Resilient Base
- CT-1 DalTile Glazed Ceramic Tile
- HPL-1 Fundermax High Pressure Laminate
- MDF-2 Painted MDF in High Gloss Finish
- PT-1 Sherwin Williams General White
- PT-2 Sherwin Williams Light Gray
- PT-3 Sherwin Williams Dark Gray
- PT-4 Sherwin Williams Color Accent
- WT-1 Mosa Glazed Porcelain Tile



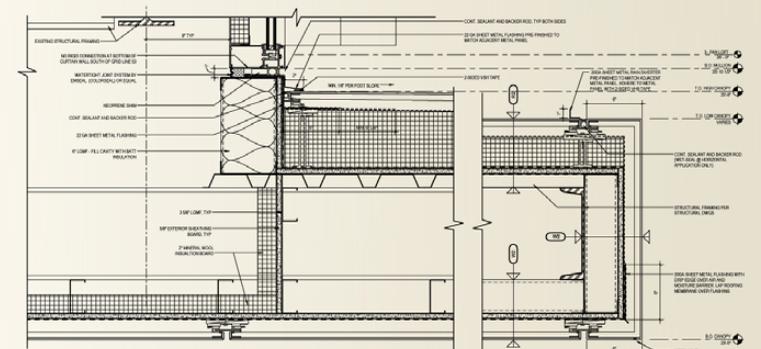
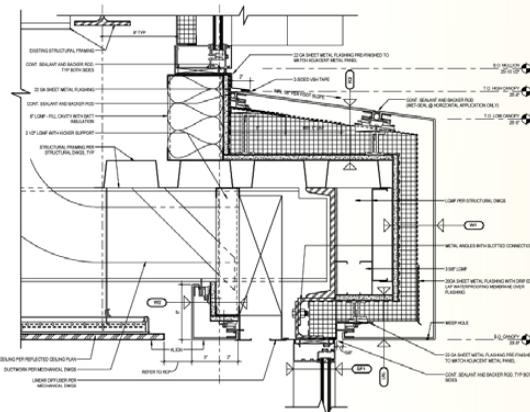
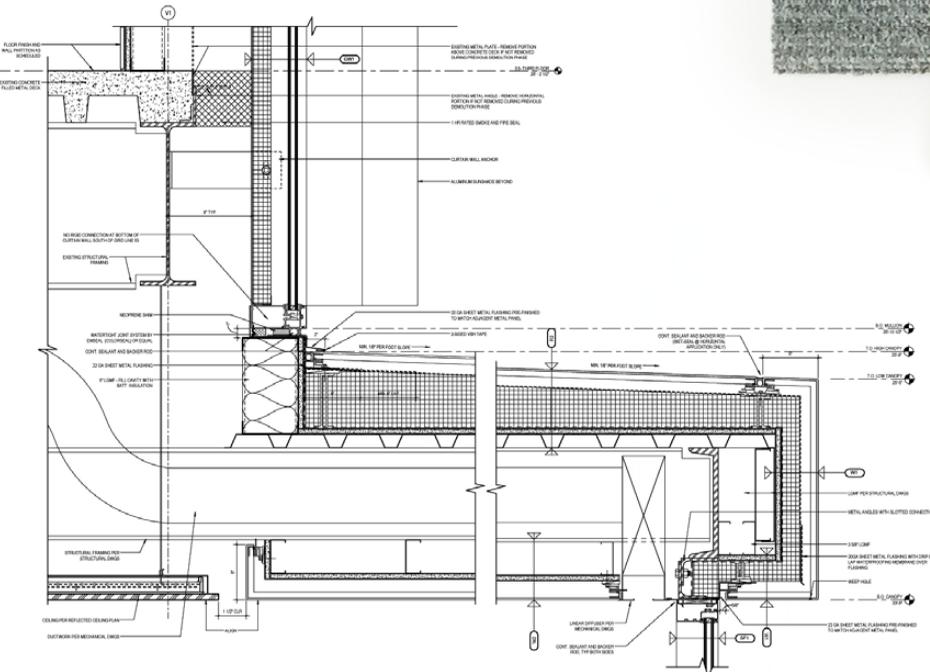
CEILINGINGS

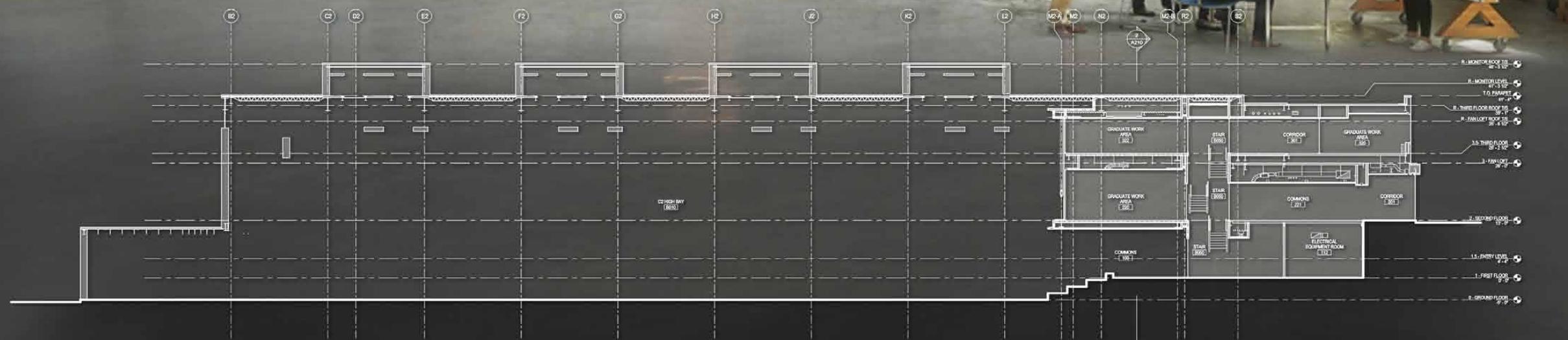
- APC-1 Armstrong Ultima Ceiling Tile
- MPC-1 Armstrong Metalworks Ceiling Tile

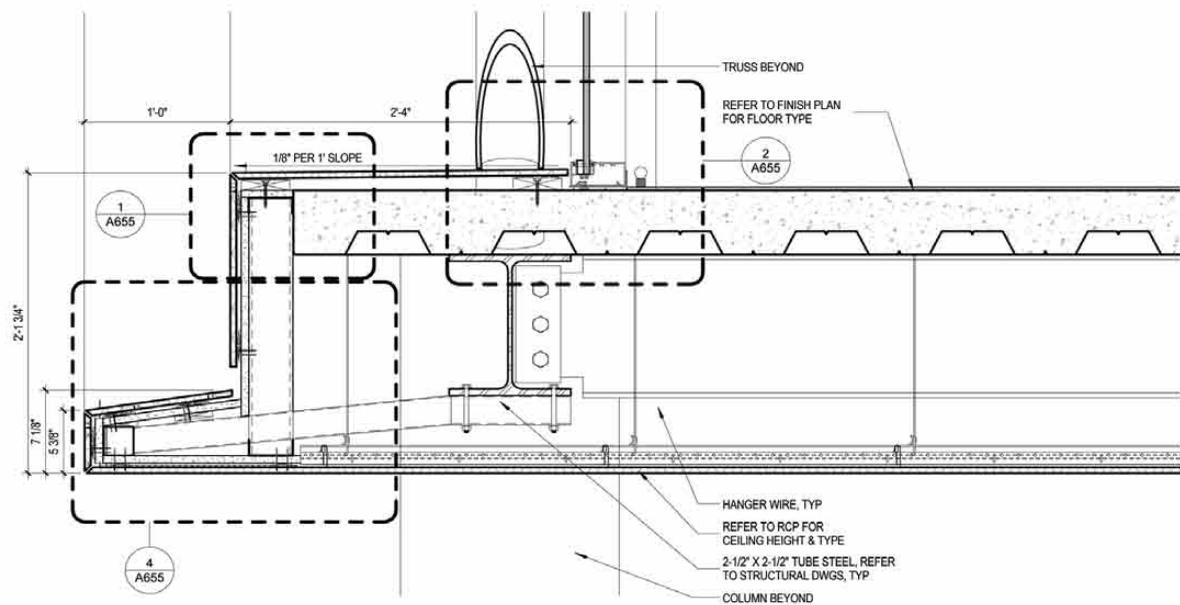
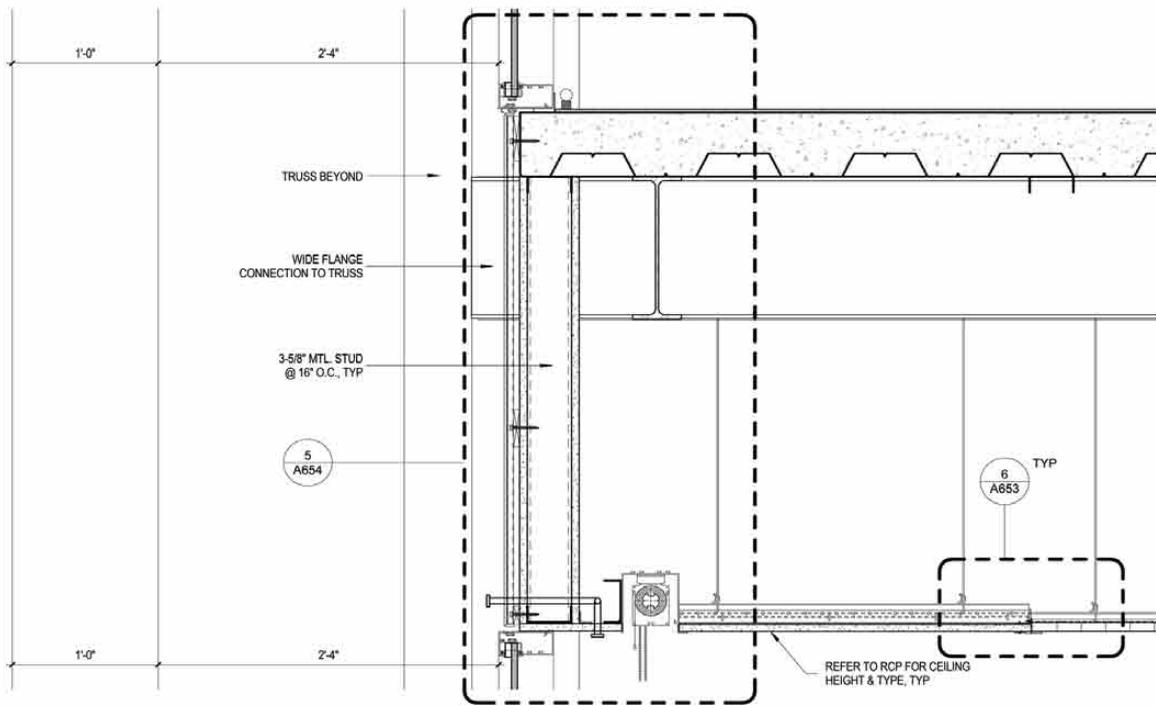
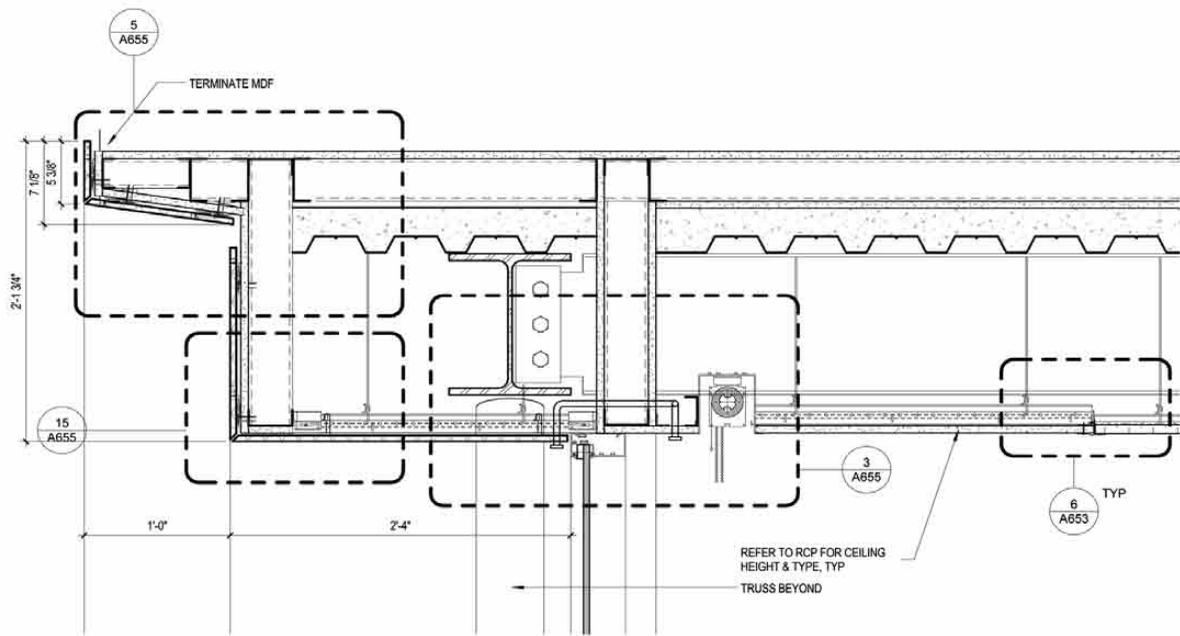


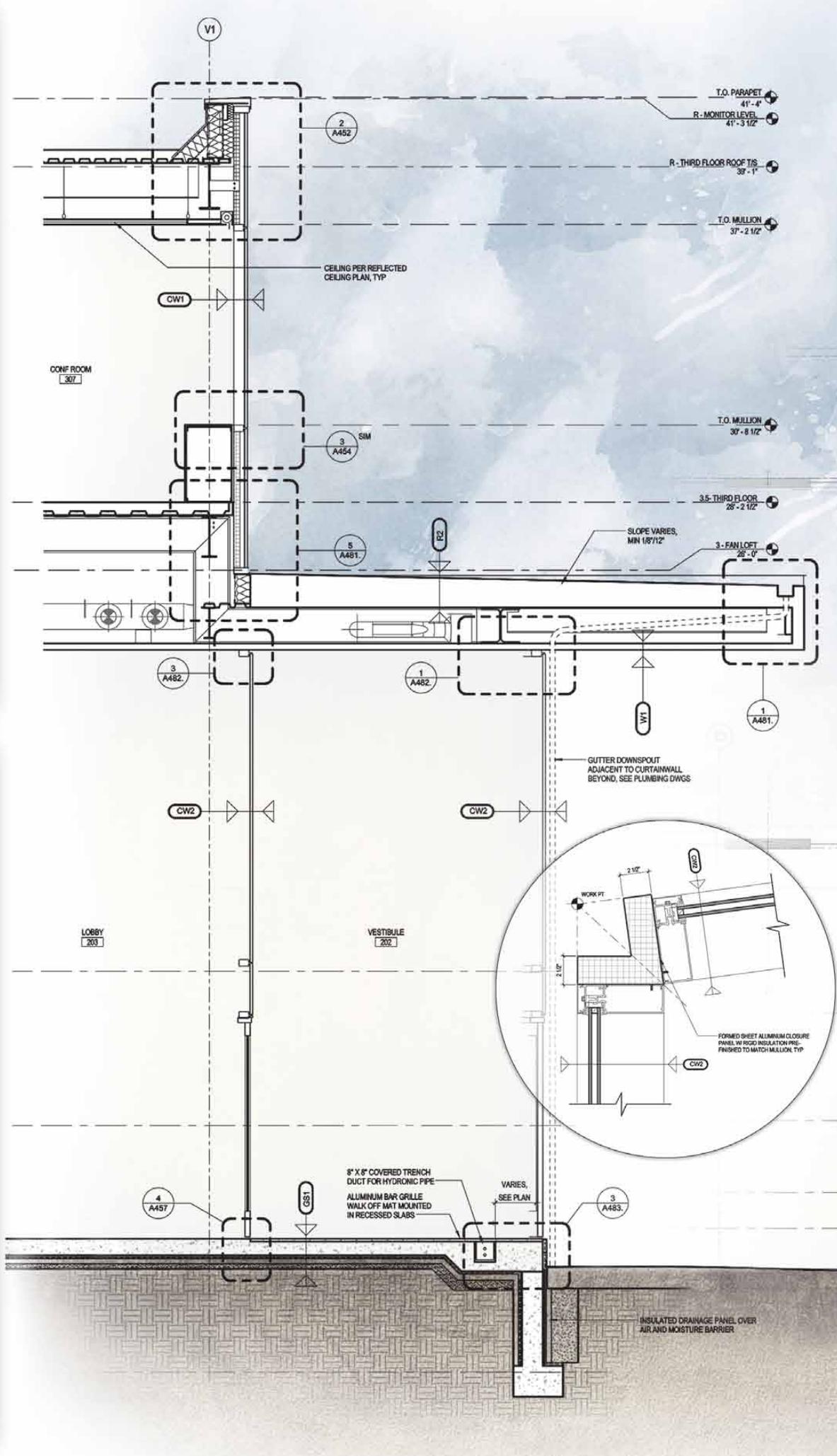
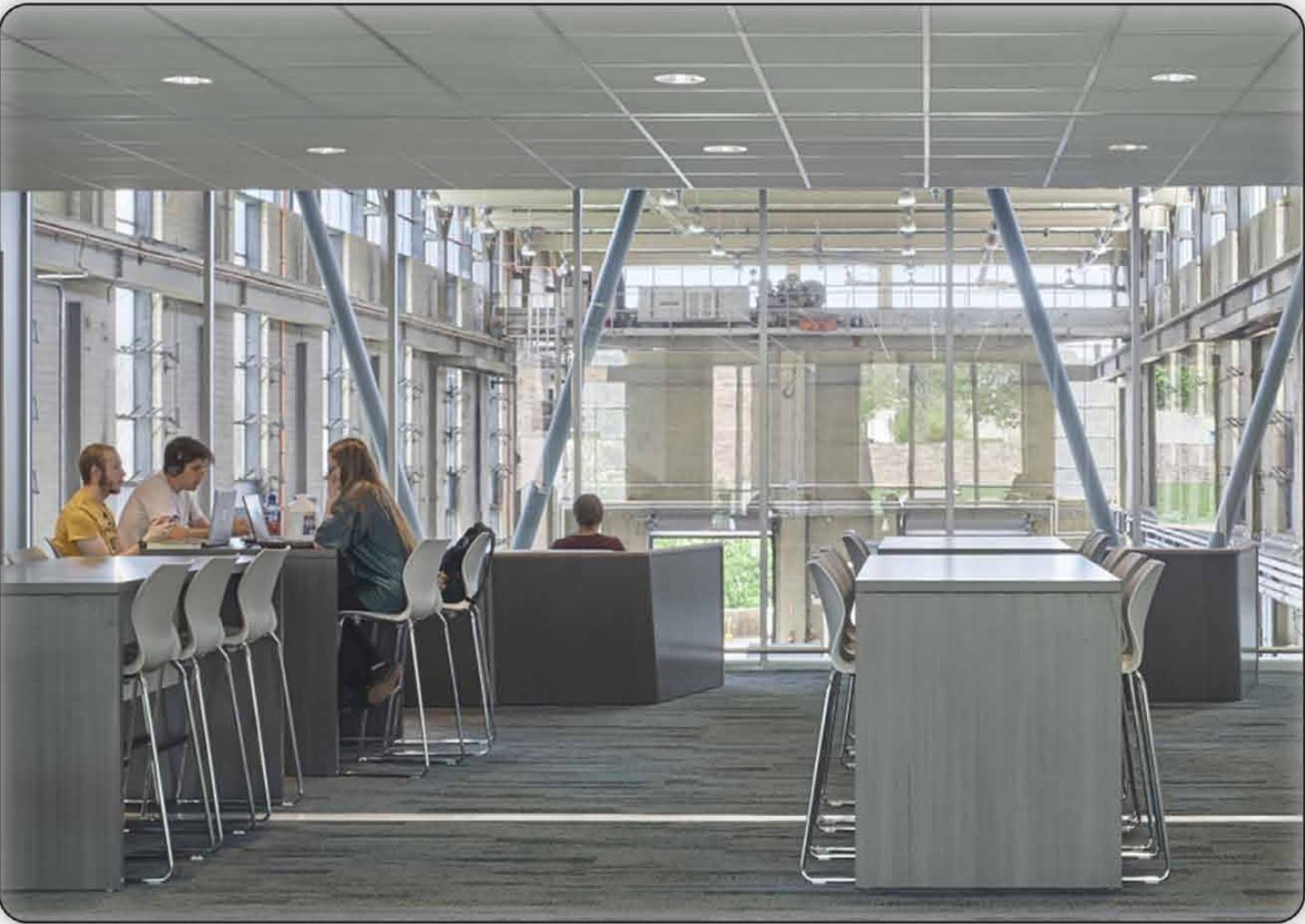
CASEWORK

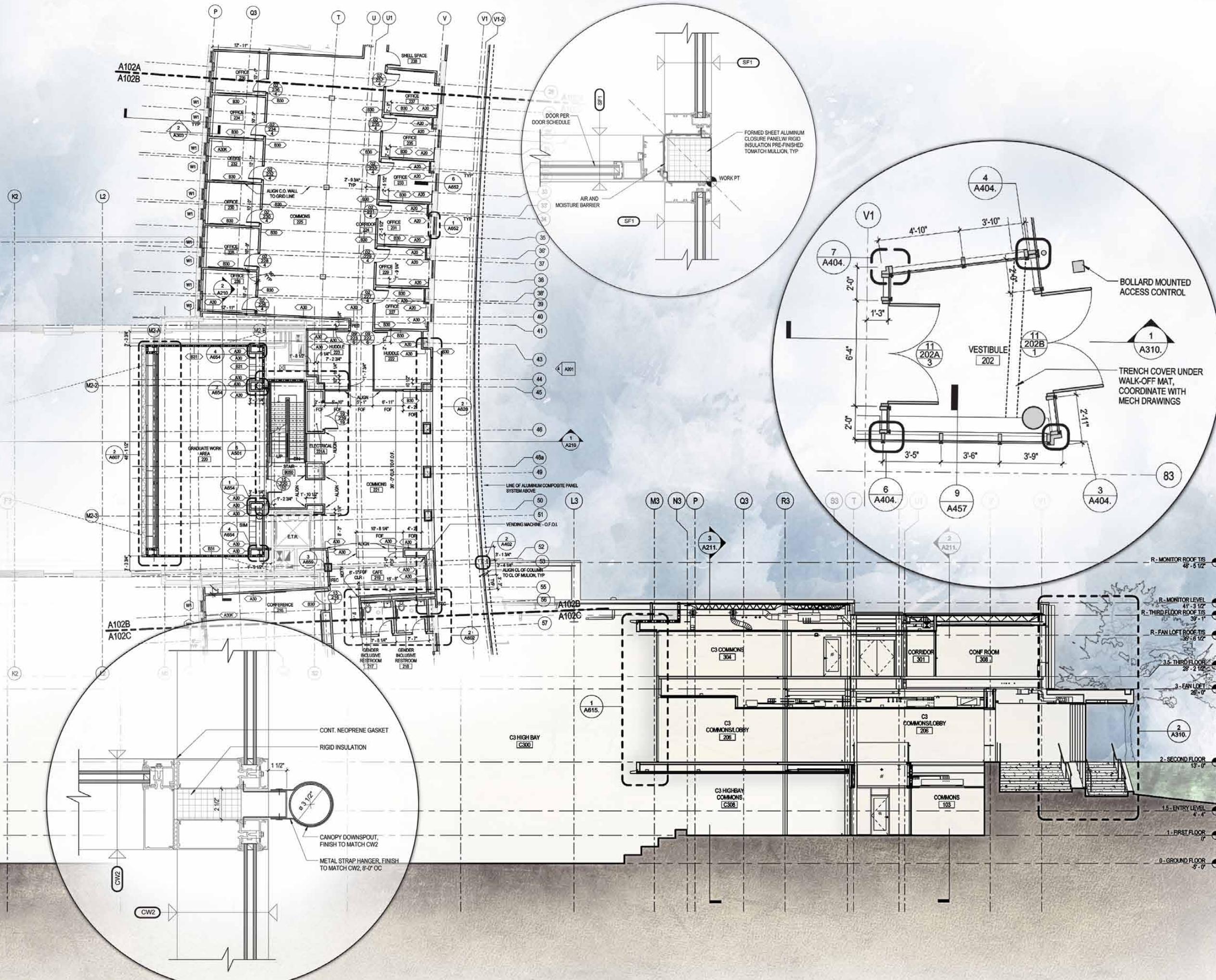
- PLAM-1 Formica Oak Laminate
- PLAM-2 Formica ColorCore Laminate
- SS-1 Caesarstone Solid Surfacing



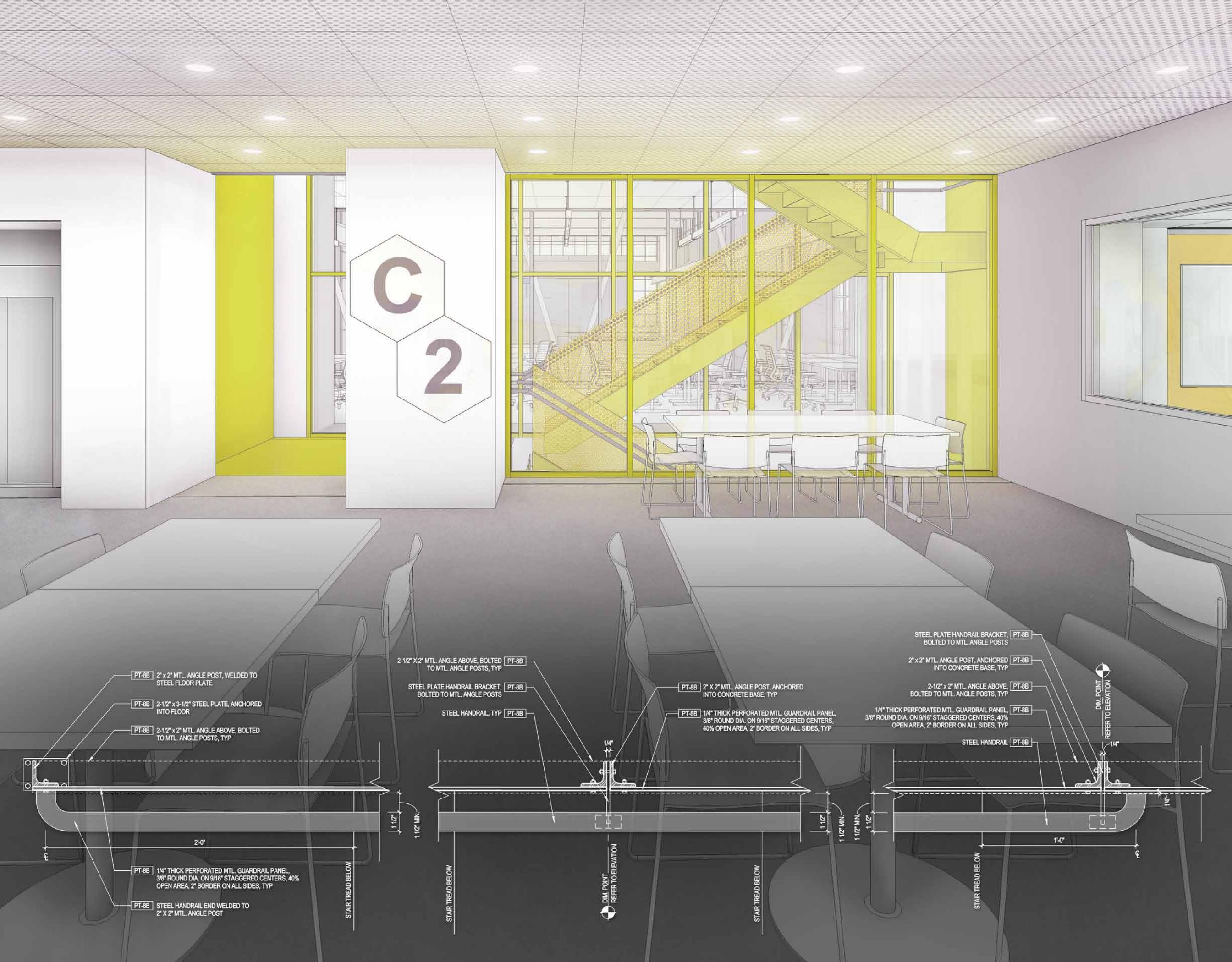








- R - MONITOR ROOF TIS 48'-5 1/2"
- R - MONITOR LEVEL 41'-3 1/2"
- R - THIRD FLOOR ROOF TIS 39'-1"
- R - FAN LOFT ROOF TIS 29'-6 1/2"
- 3.5 - THIRD FLOOR 28'-2 1/2"
- 3 - FAN LOFT 26'-0"
- 2 - SECOND FLOOR 13'-0"
- 1.5 - ENTRY LEVEL 4'-4"
- 1 - FIRST FLOOR 0"
- 0 - GROUND FLOOR -5'-0"



C
2

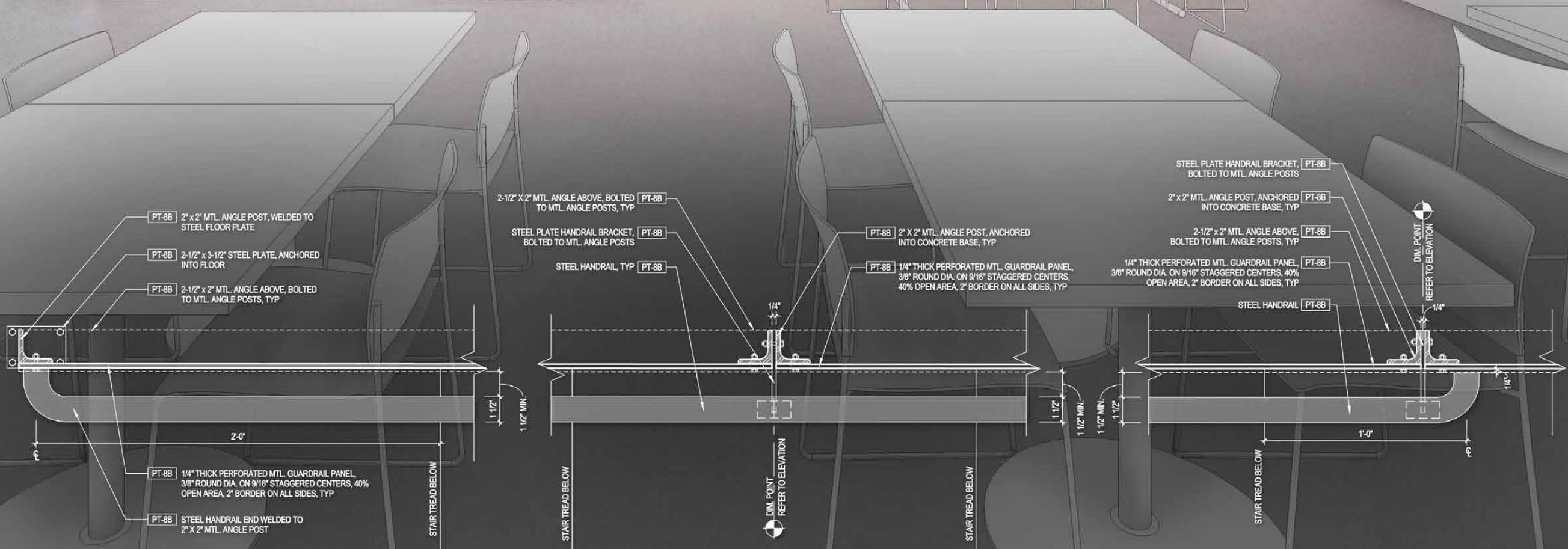
- PT-8B 2" x 2" MTL. ANGLE POST, WELDED TO STEEL FLOOR PLATE
- PT-8B 2-1/2" x 3-1/2" STEEL PLATE, ANCHORED INTO FLOOR
- PT-8B 2-1/2" x 2" MTL. ANGLE ABOVE, BOLTED TO MTL. ANGLE POSTS, TYP

- PT-8B 2-1/2" X 2" MTL. ANGLE ABOVE, BOLTED TO MTL. ANGLE POSTS, TYP
- PT-8B STEEL PLATE HANDRAIL BRACKET, BOLTED TO MTL. ANGLE POSTS
- PT-8B STEEL HANDRAIL, TYP

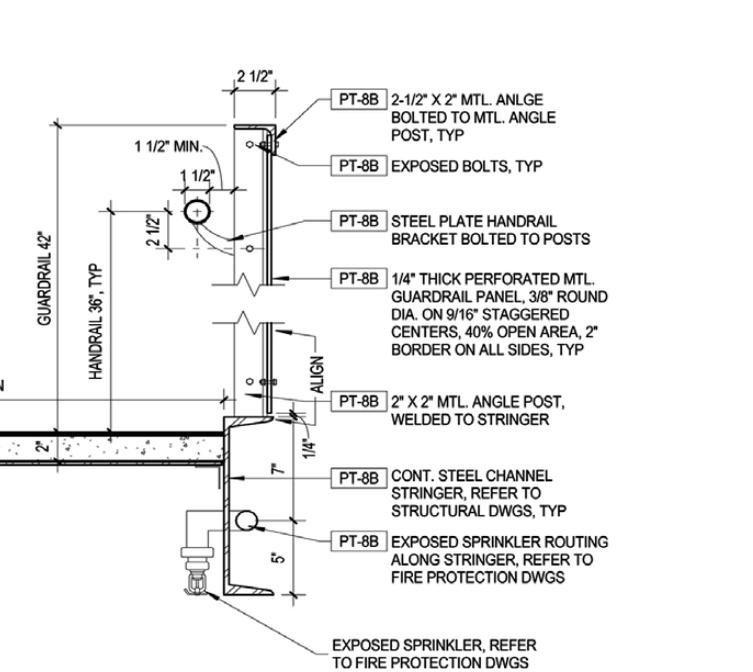
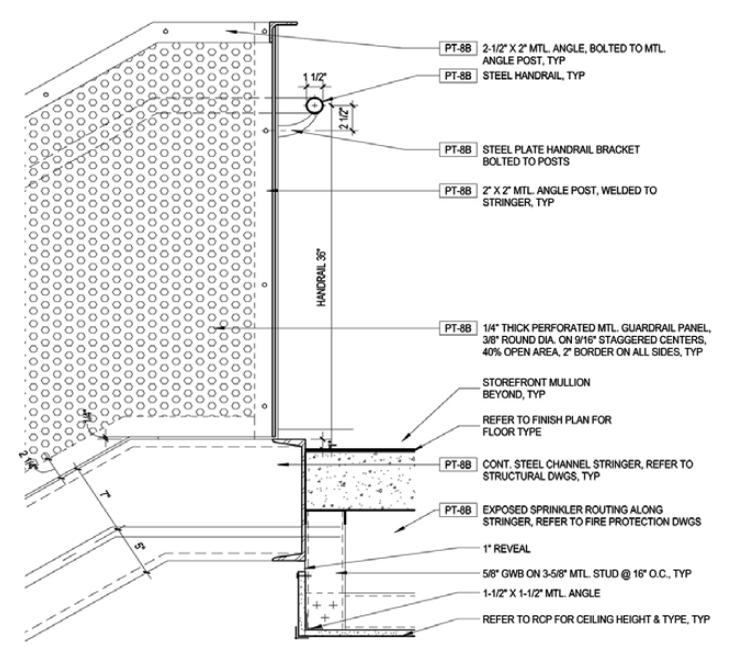
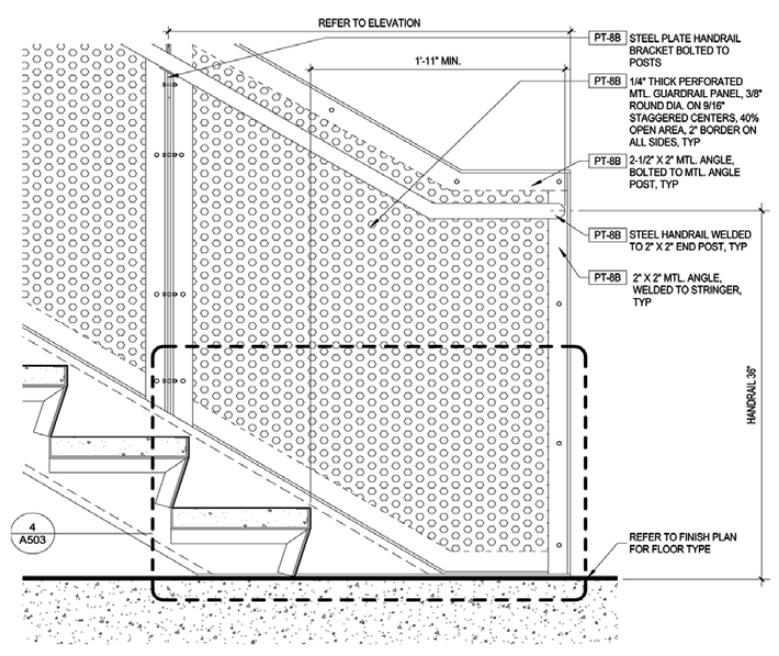
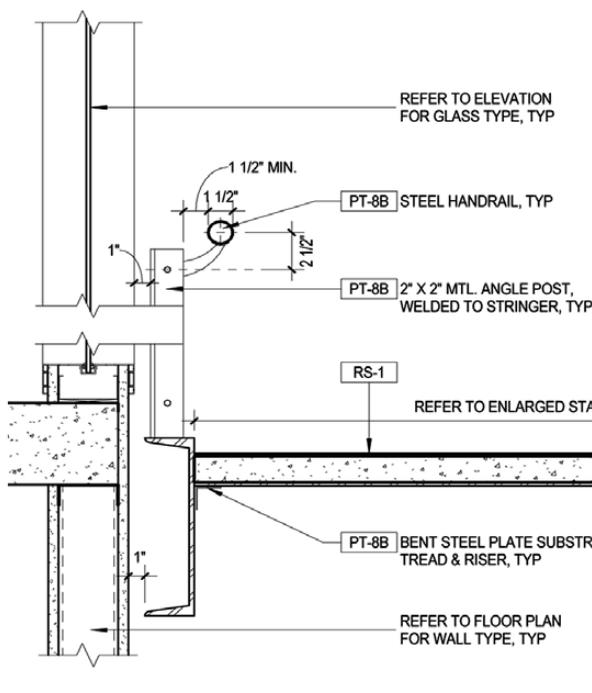
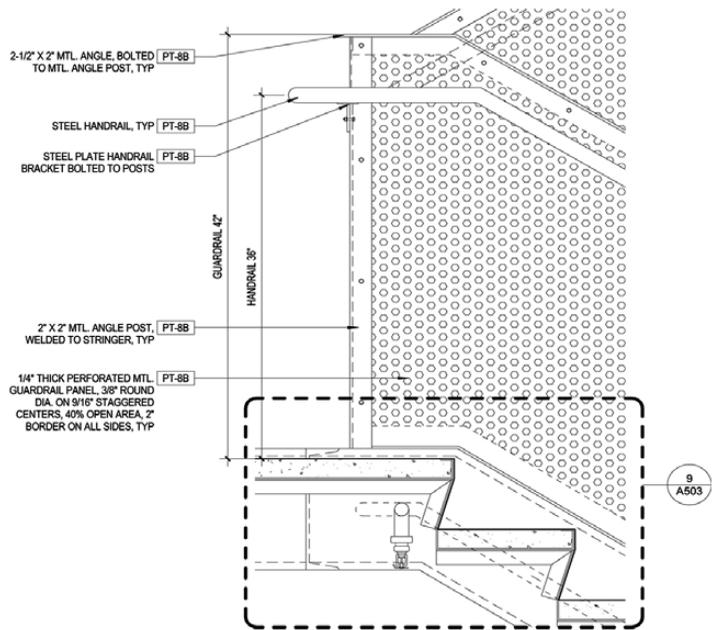
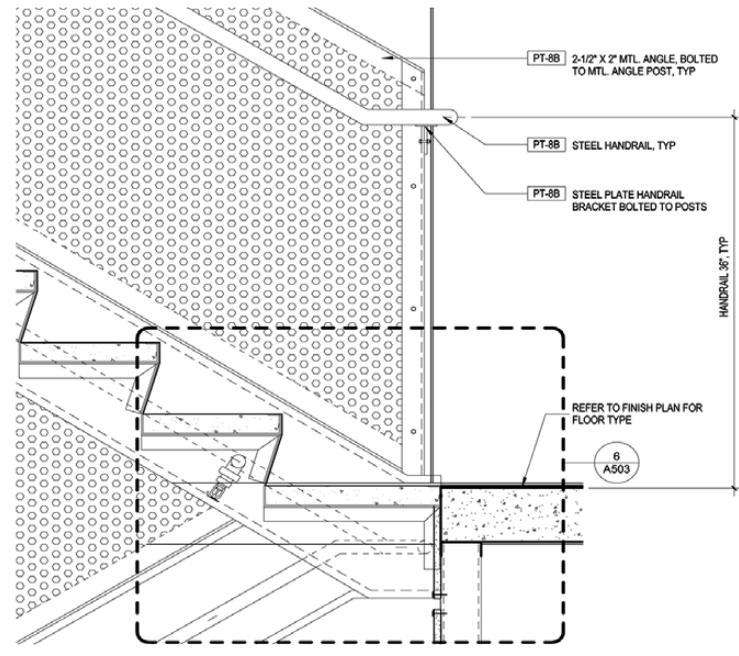
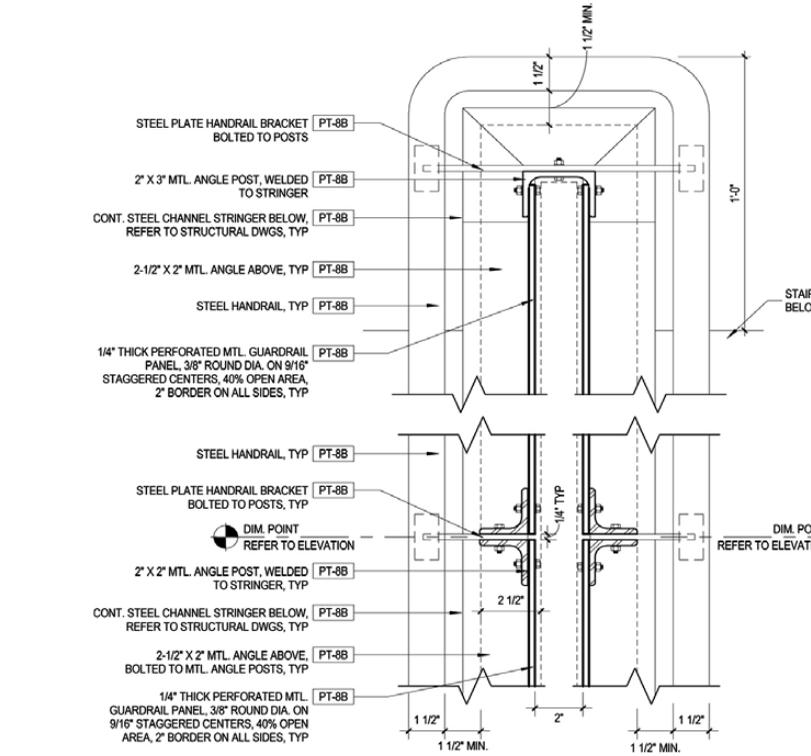
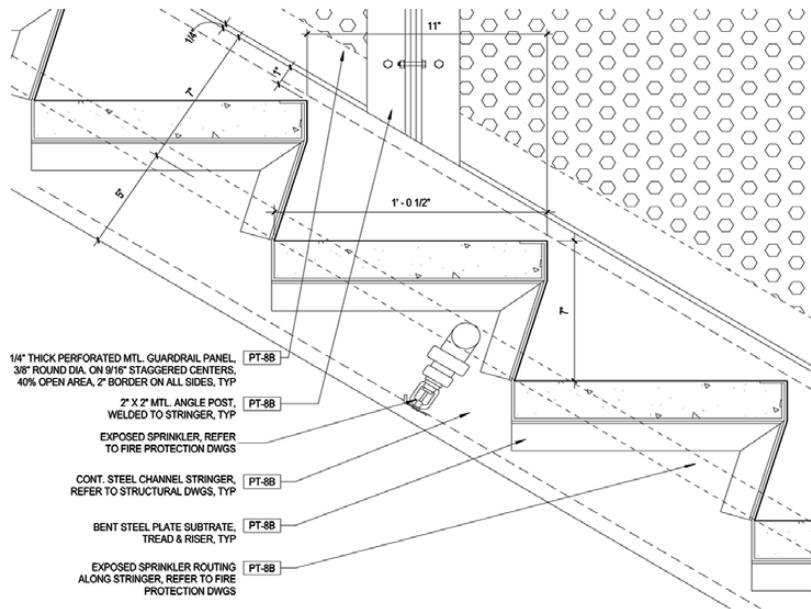
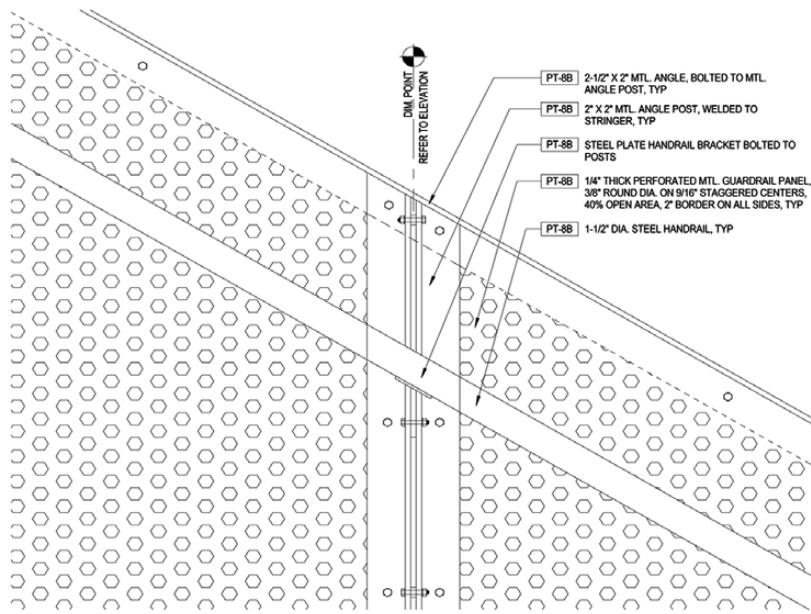
- PT-8B 2" X 2" MTL. ANGLE POST, ANCHORED INTO CONCRETE BASE, TYP
- PT-8B 1/4" THICK PERFORATED MTL. GUARDRAIL PANEL, 3/8" ROUND DIA. ON 9/16" STAGGERED CENTERS, 40% OPEN AREA, 2" BORDER ON ALL SIDES, TYP

- PT-8B STEEL PLATE HANDRAIL BRACKET, BOLTED TO MTL. ANGLE POSTS
- PT-8B 2" x 2" MTL. ANGLE POST, ANCHORED INTO CONCRETE BASE, TYP
- PT-8B 2-1/2" x 2" MTL. ANGLE ABOVE, BOLTED TO MTL. ANGLE POSTS, TYP
- PT-8B 1/4" THICK PERFORATED MTL. GUARDRAIL PANEL, 3/8" ROUND DIA. ON 9/16" STAGGERED CENTERS, 40% OPEN AREA, 2" BORDER ON ALL SIDES, TYP
- PT-8B STEEL HANDRAIL

- PT-8B 1/4" THICK PERFORATED MTL. GUARDRAIL PANEL, 3/8" ROUND DIA. ON 9/16" STAGGERED CENTERS, 40% OPEN AREA, 2" BORDER ON ALL SIDES, TYP
- PT-8B STEEL HANDRAIL END WELDED TO 2" X 2" MTL. ANGLE POST



DIM. POINT
REFER TO ELEVATION



3

393 HUGUENOT STREET

MULTIFAMILY RESIDENTIAL
NEW ROCHELLE, NY

Ai

CLIENT:

381-383 HUGUENOT LLC

Id

PROJECT DESCRIPTION:

THIS MIXED-USE SIX-FLOOR RESIDENTIAL AND TWO-TENANT RETAIL BUILDING IS LOCATED IN THE NEW ROCHELLE DOWNTOWN OVERLAY DISTRICT. THIS DESIGN TAKES ADVANTAGE OF COMMUNITY BENEFIT BONUSES, INCLUDING A PUBLIC ART SPACE, AFFORDABLE HOUSING, A CAR SHARE SERVICE, AND A PRIVATE ART BETTERMENT PROGRAM.

Ps



WITH THESE BONUSES, THIS BUILDING WAS ABLE TO MAXIMIZE TO THE ALLOWED SQUARE FOOTAGE REGULATED BY ZONING HEIGHT, AREA, SETBACKS, AND PARKING REQUIREMENTS.



GIVEN THE CONSTRAINTS OF THE SITE AND THE LOCAL PARKING REQUIREMENTS, ALMOST ALL OF THE PARKING PROVIDED IS SELF-SERVE AUTOMATED PARKING. MOSTLY LOCATED IN THE BACK OF THE BUILDING, THESE PARKING STRUCTURES HAVE PROVIDED A UNIQUE SOLUTION TO A TRADITIONAL PROBLEM.

PD

SD

ROLE:

DESIGNER / PROJECT ARCHITECT

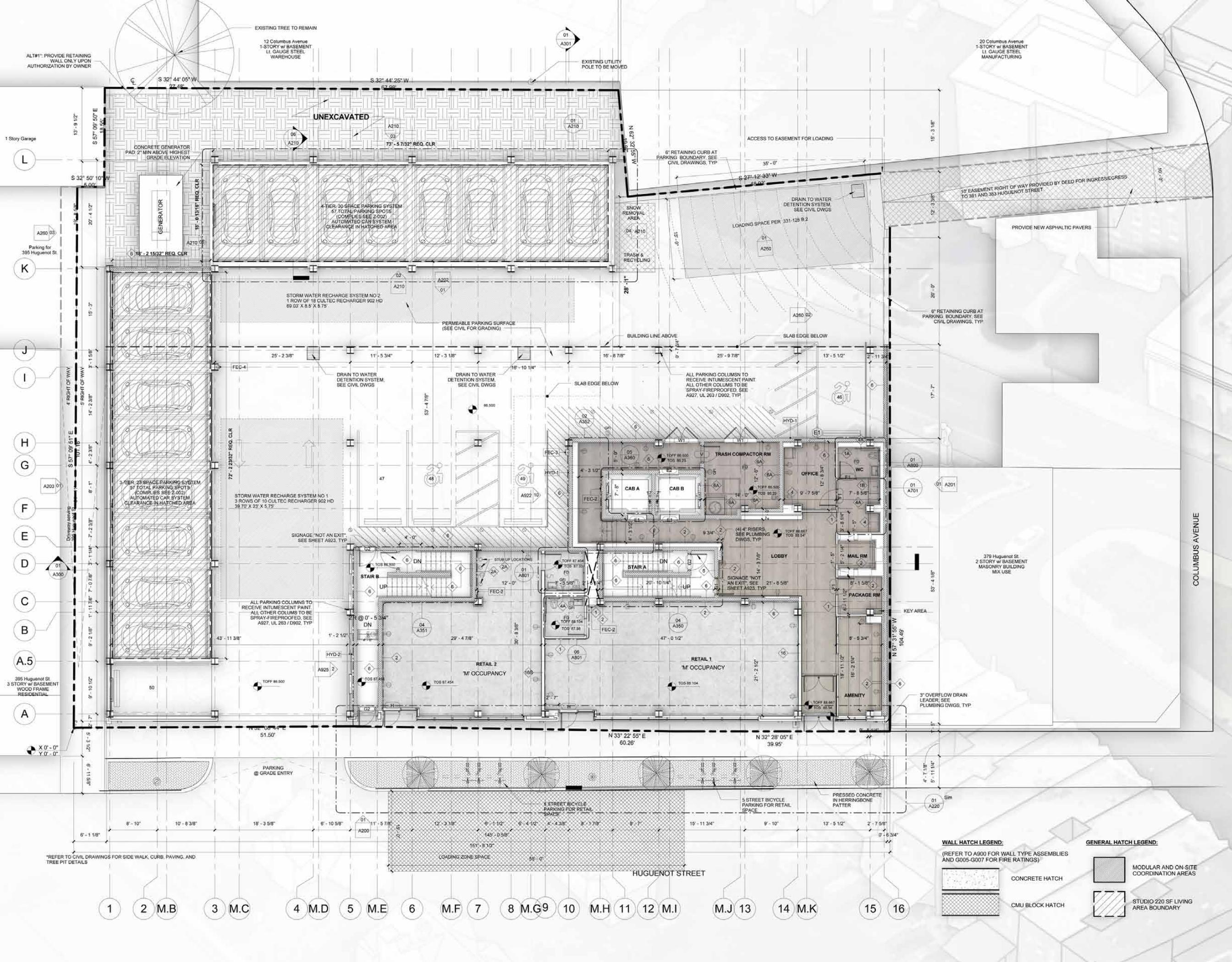
DD

CD

CA







ALT#1: PROVIDE RETAINING WALL ONLY UPON AUTHORIZATION BY OWNER

EXISTING TREE TO REMAIN
12 Columbus Avenue
1-STORY w/ BASEMENT
LT. GAUGE STEEL
WAREHOUSE

EXISTING UTILITY
POLE TO BE MOVED

20 Columbus Avenue
1-STORY w/ BASEMENT
LT. GAUGE STEEL
MANUFACTURING

UNEXCAVATED

ACCESS TO EASEMENT FOR LOADING

CONCRETE GENERATOR
PAD, 2" MIN ABOVE HIGHEST
GRADE ELEVATION

GENERATOR

4-TIER, 30-SPACE PARKING SYSTEM
57 TOTAL PARKING SPOTS
(COMPLIES SEE 2-002)
AUTOMATED CAR SYSTEM
CLEARANCE IN HATCHED AREA

LOADING SPACE PER 331-128 B.2

STORM WATER RECHARGE SYSTEM NO 2
1 ROW OF 18 CULTEC RECHARGER 902 HD
89.03' X 9.5' X 5.75'

PERMEABLE PARKING SURFACE
(SEE CIVIL FOR GRADING)

BUILDING LINE ABOVE

SLAB EDGE BELOW

3-TIER, 23-SPACE PARKING SYSTEM
97 TOTAL PARKING SPOTS
(COMPLIES SEE 2-002)
AUTOMATED CAR SYSTEM
CLEARANCE IN HATCHED AREA

STORM WATER RECHARGE SYSTEM NO 1
3 ROWS OF 10 CULTEC RECHARGER 902 HD
39.70' X 23' X 5.75'

SIGNAGE "NOT AN EXIT"
SEE SHEET A923, TYP

ALL PARKING COLUMNS TO
RECEIVE INTUMESCENT PAINT
ALL OTHER COLUMNS TO BE
SPRAY-FIREPROOFED. SEE
A927, UL 263 / D902, TYP

CAB A
CAB B

TRASH COMPACTOR RM

OFFICE

STAIR B

STAIR A

LOBBY

MAIL RM

PACKAGE RM

RETAIL 2
M' OCCUPANCY

RETAIL 1
M' OCCUPANCY

AMENITY

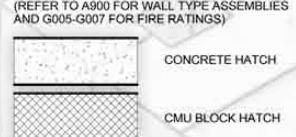
KEY AREA

3" OVERFLOW DRAIN
LEADER. SEE
PLUMBING DWGS, TYP.

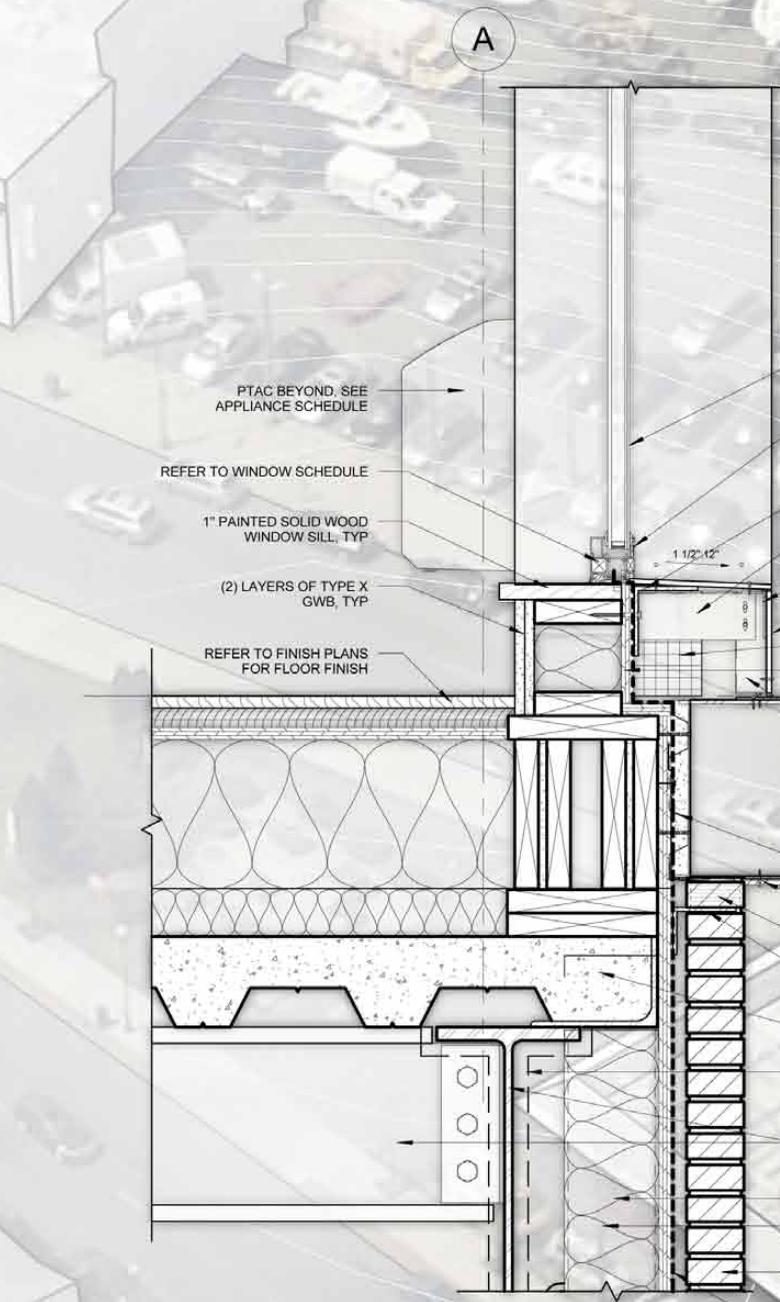
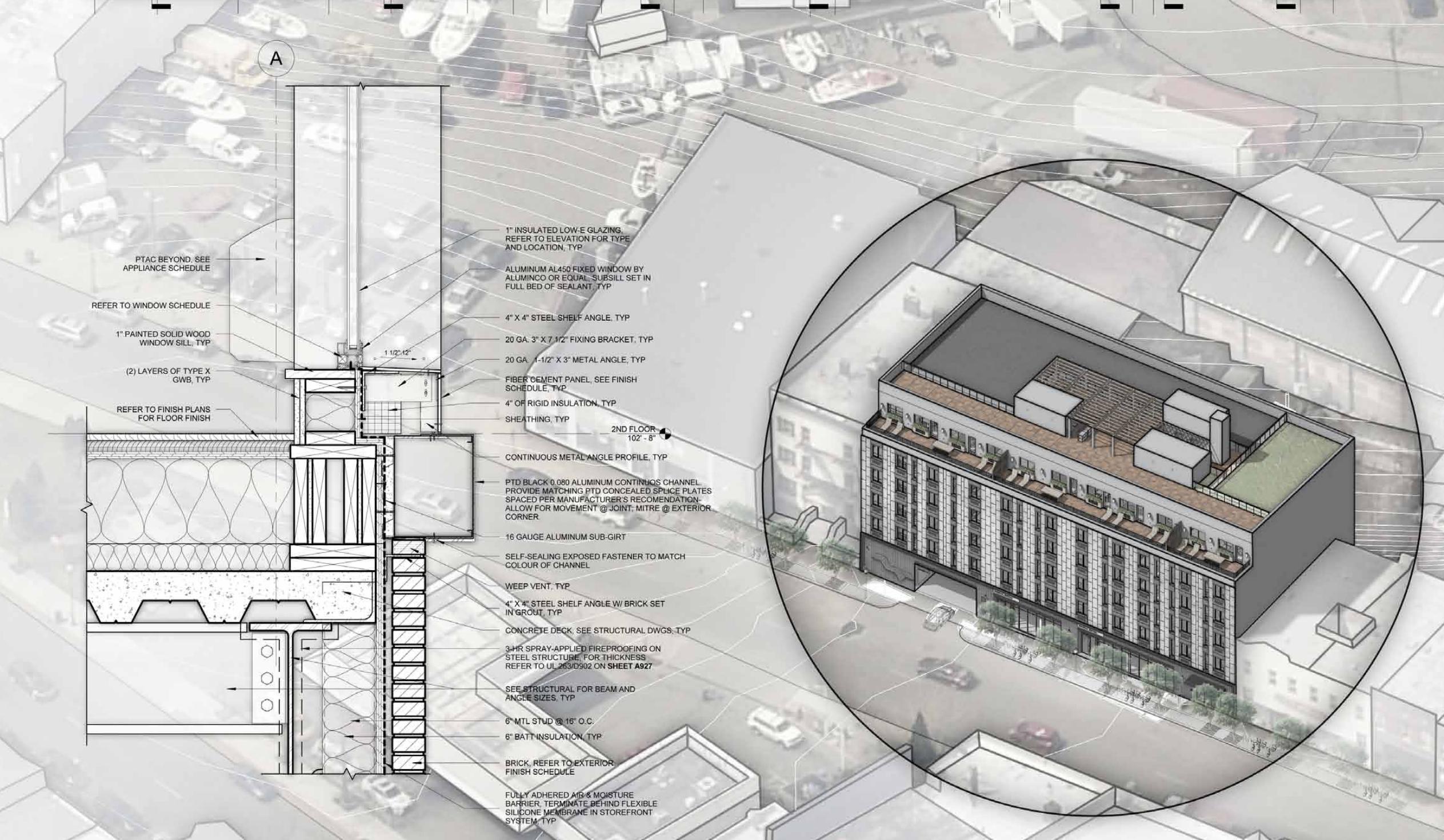
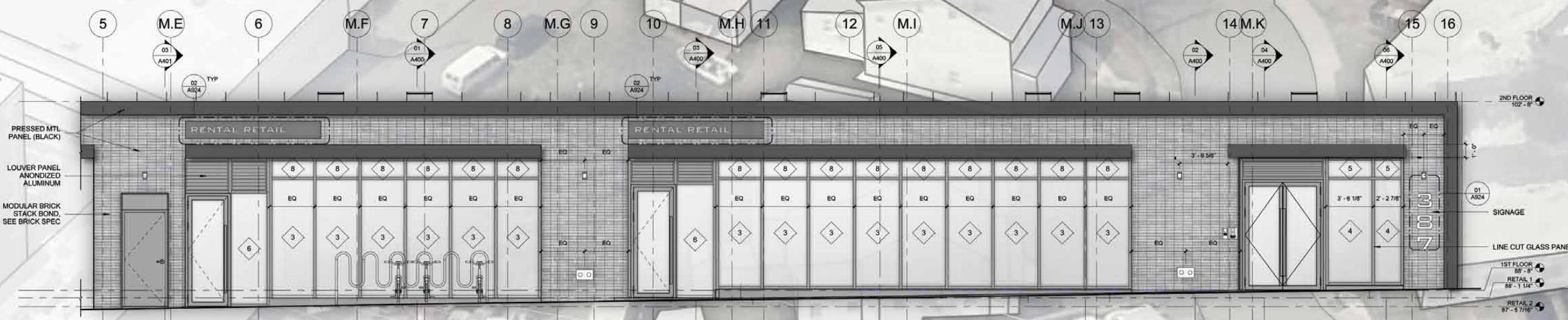
*REFER TO CIVIL DRAWINGS FOR SIDE WALK, CURB, PAVING, AND TREE PIT DETAILS

WALL HATCH LEGEND:
(REFER TO A900 FOR WALL TYPE ASSEMBLIES AND G005-G007 FOR FIRE RATINGS)

GENERAL HATCH LEGEND:



1 2 M.B 3 M.C 4 M.D 5 M.E 6 M.F 7 8 M.G 9 10 M.H 11 12 M.I 13 M.J 14 M.K 15 16



- 1" INSULATED LOW-E GLAZING. REFER TO ELEVATION FOR TYPE AND LOCATION, TYP
- ALUMINUM AL450 FIXED WINDOW BY ALUMINCO OR EQUAL. SUBSILL SET IN FULL BED OF SEALANT, TYP
- 4" X 4" STEEL SHELF ANGLE, TYP
- 20 GA. 3" X 7 1/2" FIXING BRACKET, TYP
- 20 GA. 1-1/2" X 3" METAL ANGLE, TYP
- FIBER CEMENT PANEL, SEE FINISH SCHEDULE, TYP
- 4" OF RIGID INSULATION, TYP
- SHEATHING, TYP
- 2ND FLOOR 102'-8"
- CONTINUOUS METAL ANGLE PROFILE, TYP
- PTD BLACK 0.080 ALUMINUM CONTINUOUS CHANNEL PROVIDE MATCHING PTD CONCEALED SPLICE PLATES SPACED PER MANUFACTURER'S RECOMMENDATION. ALLOW FOR MOVEMENT @ JOINT. MITRE @ EXTERIOR CORNER
- 16 GAUGE ALUMINUM SUB-GIRT
- SELF-SEALING EXPOSED FASTENER TO MATCH COLOUR OF CHANNEL
- WEEP VENT, TYP
- 4" X 4" STEEL SHELF ANGLE W/ BRICK SET IN GROUT, TYP
- CONCRETE DECK, SEE STRUCTURAL DWGS, TYP
- 3HR SPRAY-APPLIED FIREPROOFING ON STEEL STRUCTURE FOR THICKNESS REFER TO UL 263/D902 ON SHEET A927
- SEE STRUCTURAL FOR BEAM AND ANGLE SIZES, TYP
- 6" MTL STUD @ 16" O.C.
- 6" BATT INSULATION, TYP
- BRICK, REFER TO EXTERIOR FINISH SCHEDULE
- FULLY ADHERED AIR & MOISTURE BARRIER, TERMINATE BEHIND FLEXIBLE SILICONE MEMBRANE IN STOREFRONT SYSTEM, TYP

PRESSED MTL PANEL (BLACK)

LOUVER PANEL ANODIZED ALUMINUM

MODULAR BRICK STACK BOND, SEE BRICK SPEC

2ND FLOOR 102'-8"

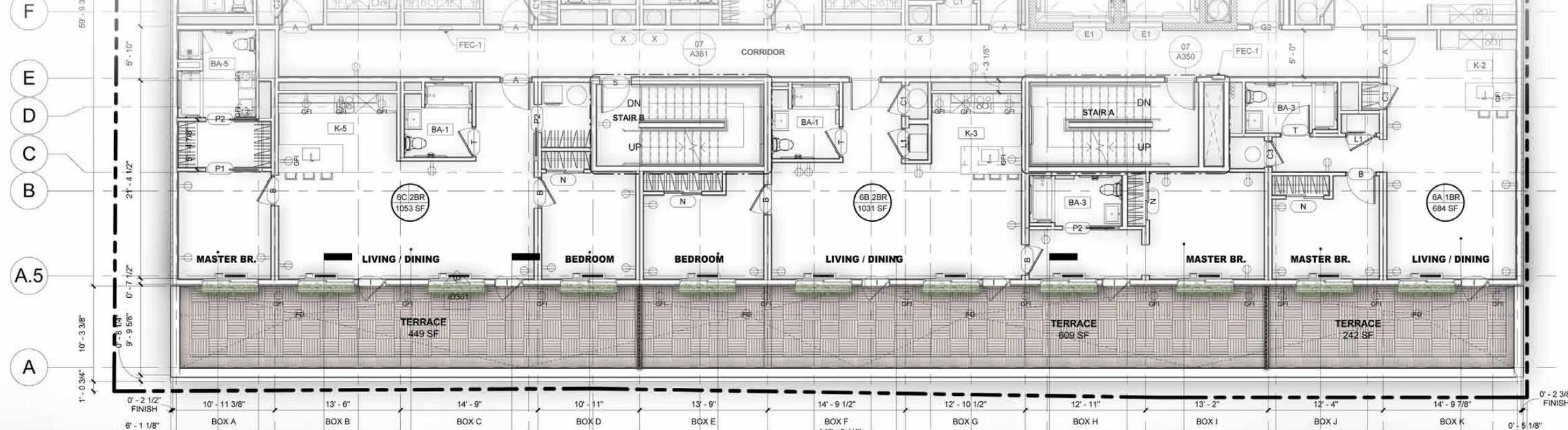
SIGNAGE

LINE CUT GLASS PANEL

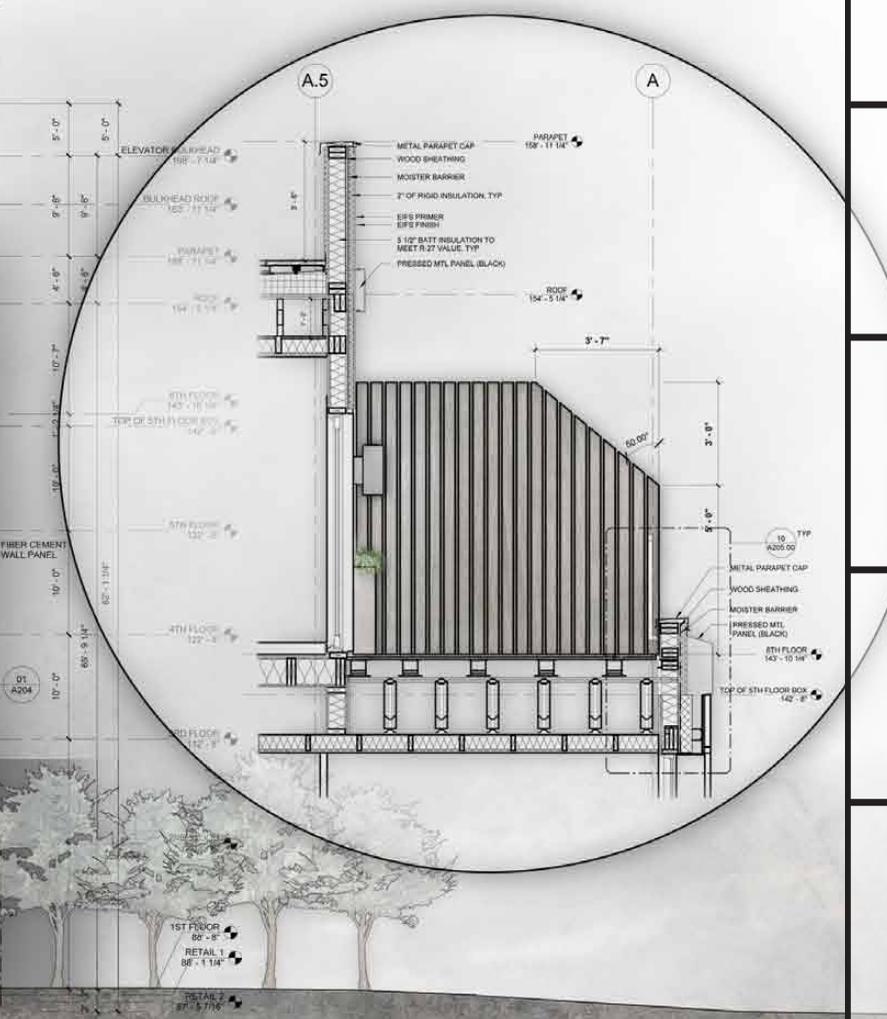
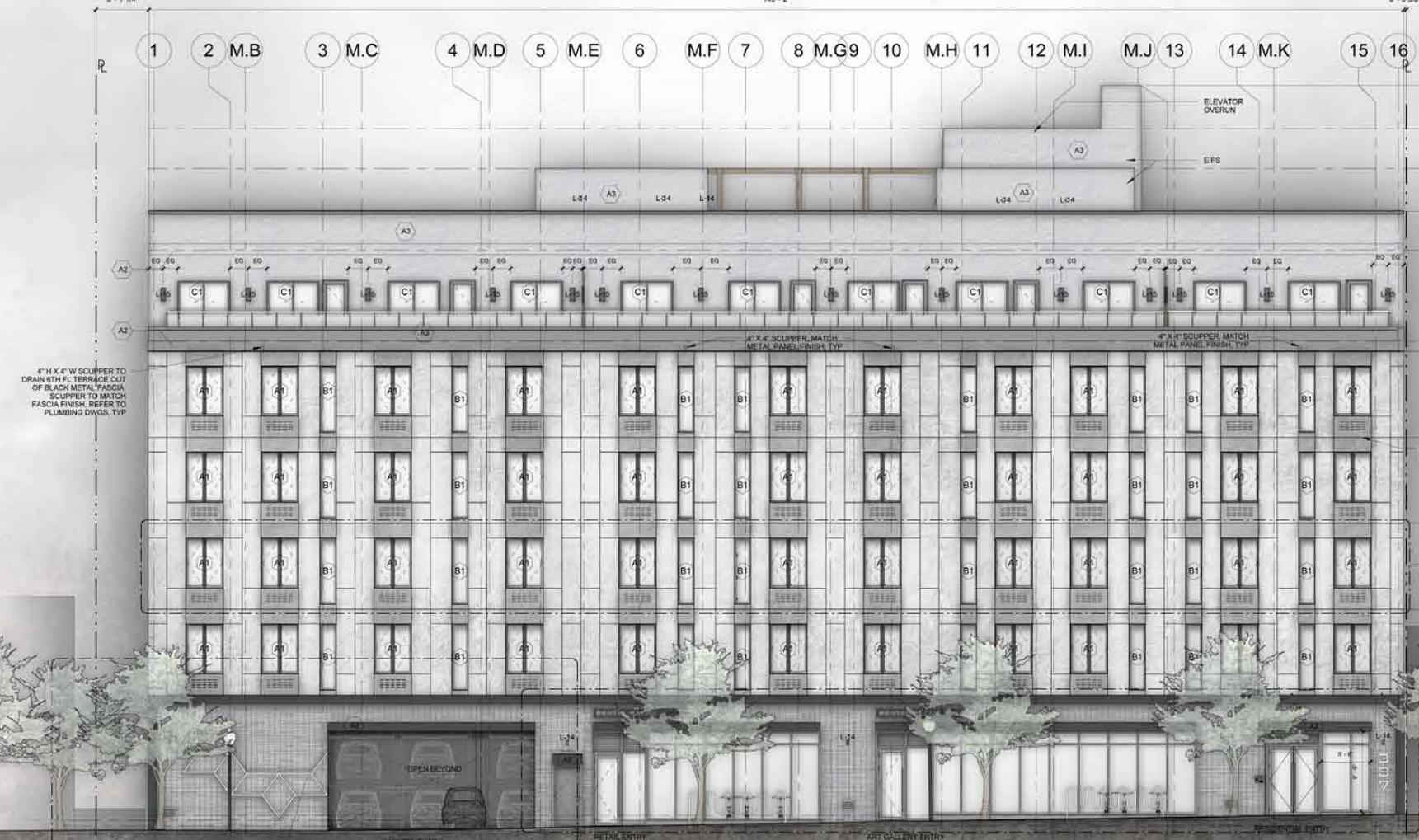
1ST FLOOR 88'-4"

RETAIL 1 88'-1 1/4"

RETAIL 2 87'-6 7/16"

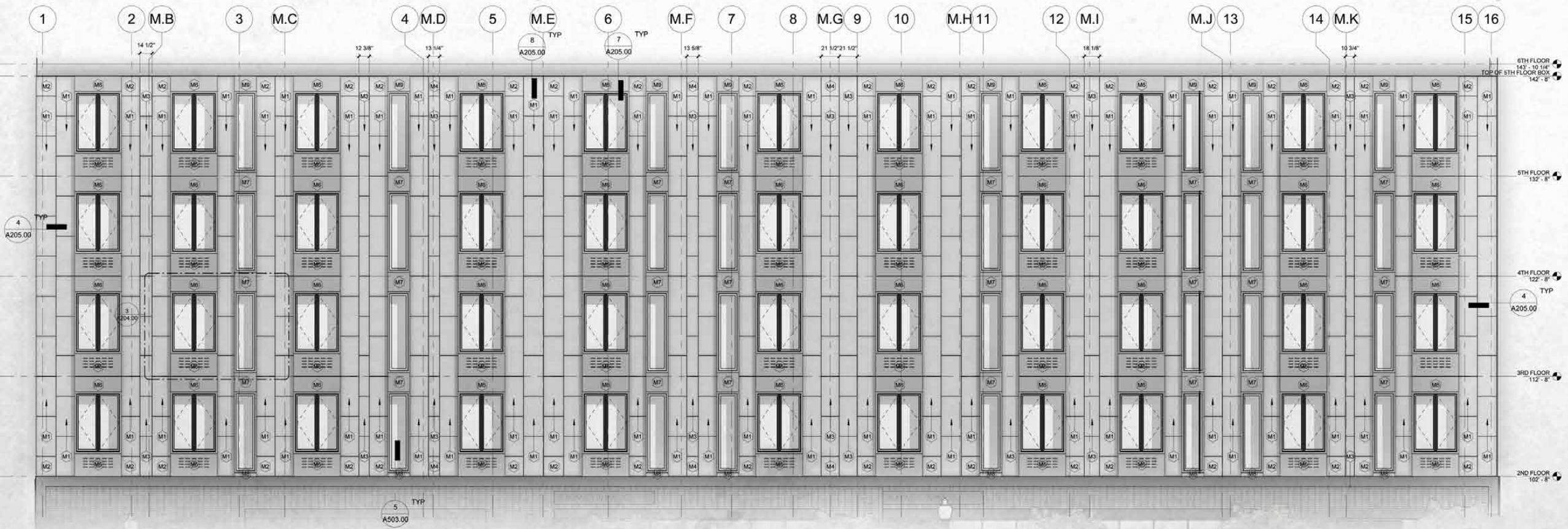
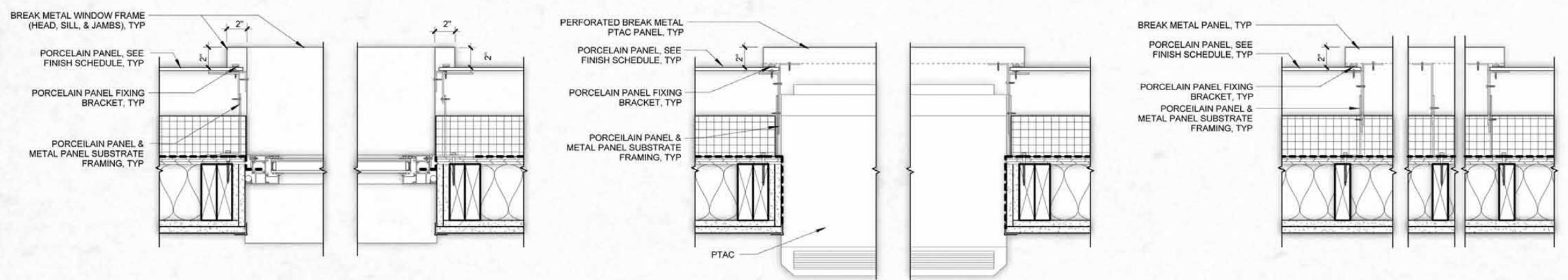
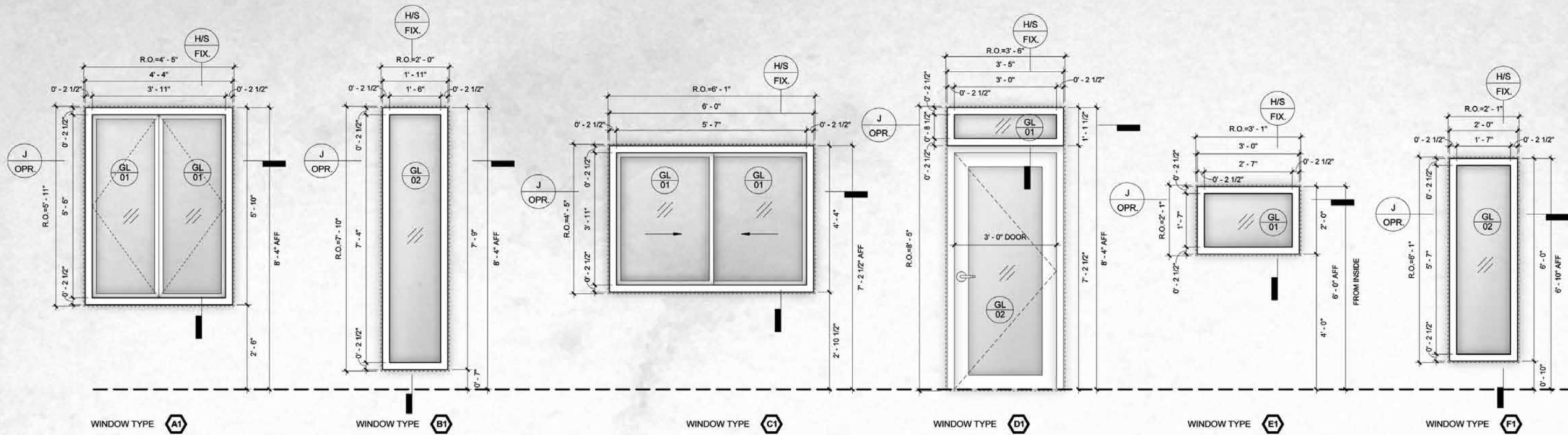


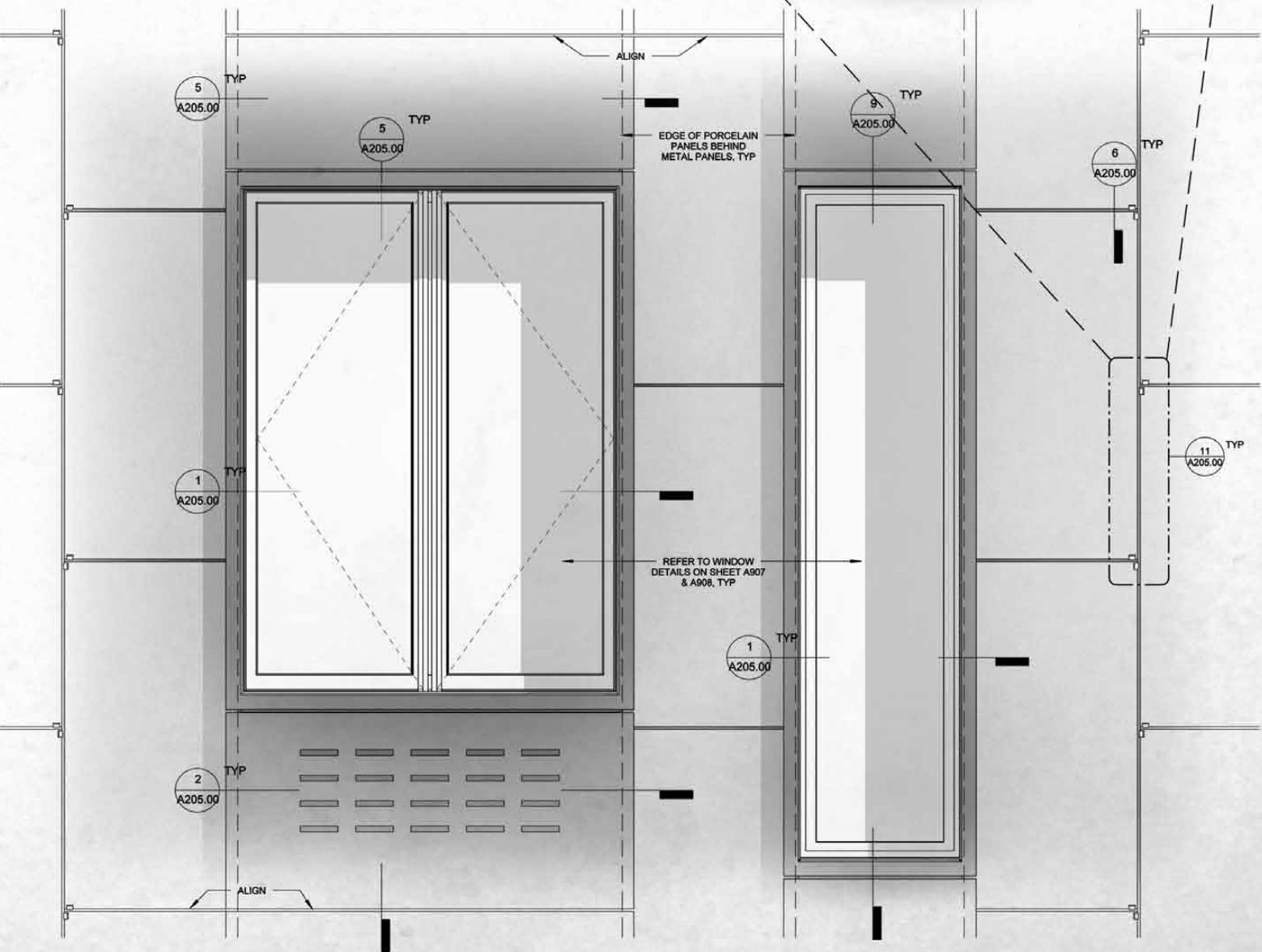
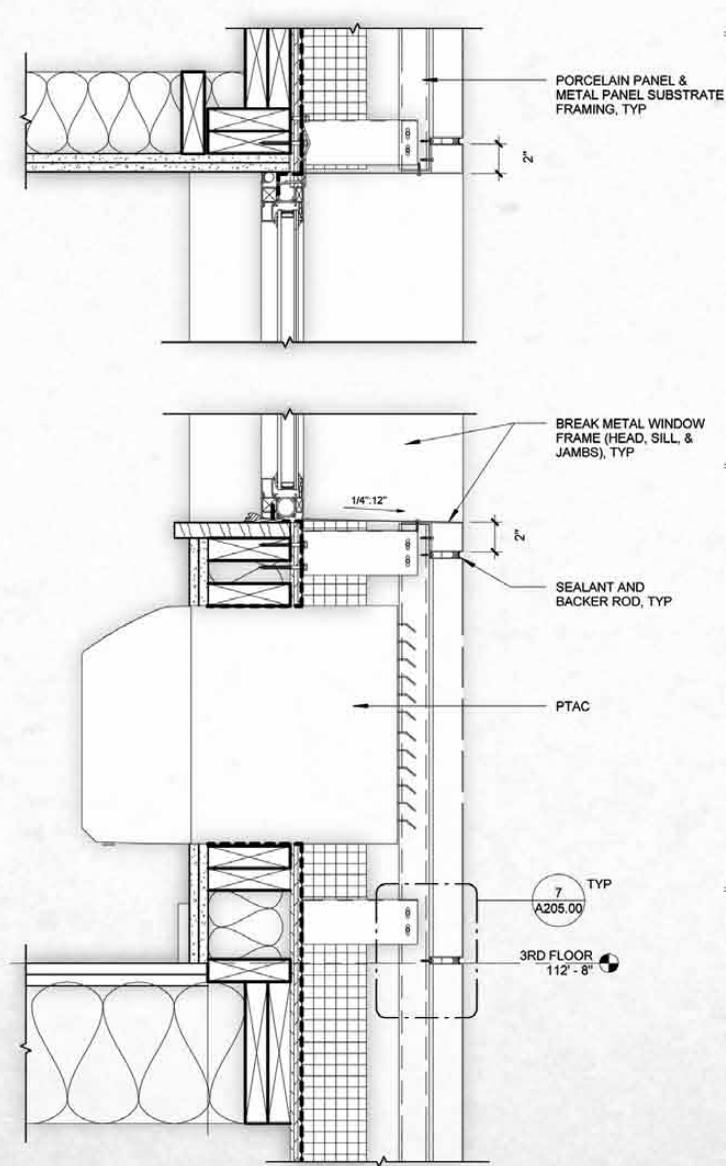
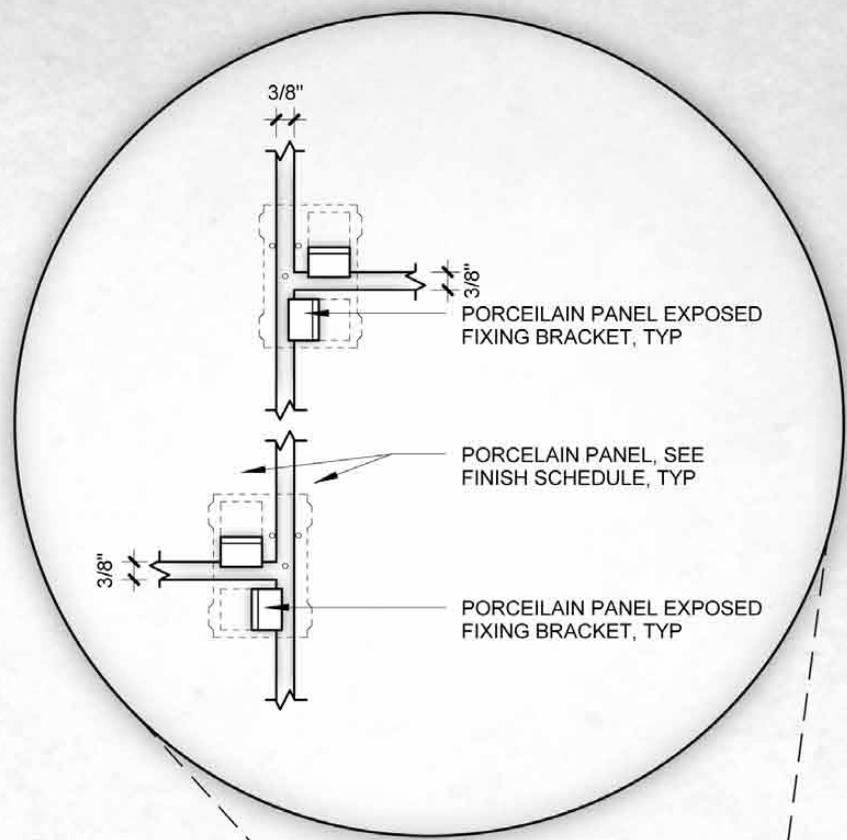
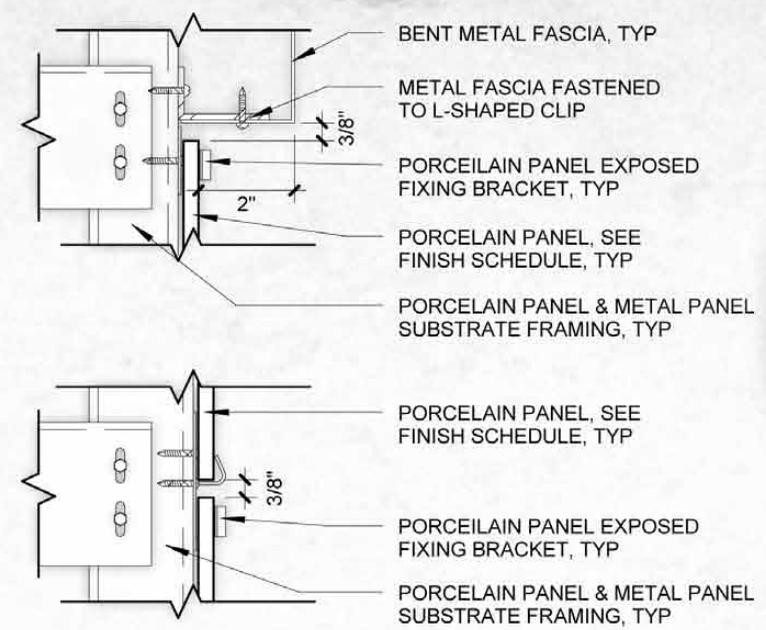
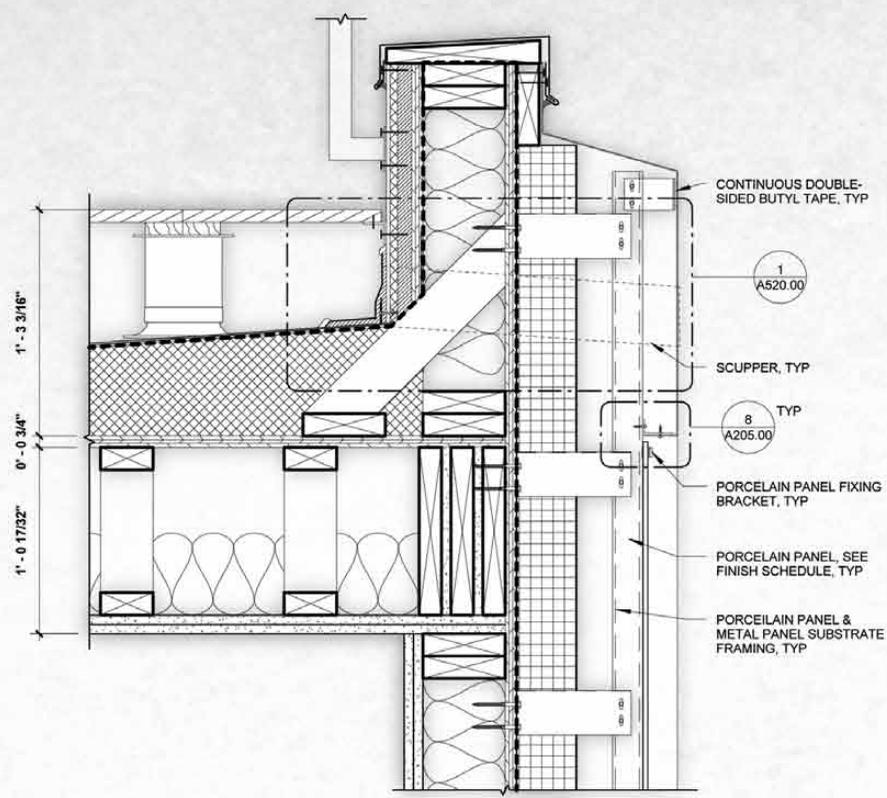
MASTER BR. : 116 SF 4% Ventilation Required 5 SF Ventilation Provided 11 SF 8% Light Required 9 SF Light Provided 22 SF	LIVING / DINING : 412 SF 4% Ventilation Required 16 SF Ventilation Provided 63 SF 8% Light Required 33 SF Light Provided 69 SF	BEDROOM : 116 SF 4% Ventilation Required 5 SF Ventilation Provided 11 SF 8% Light Required 9 SF Light Provided 22 SF	BEDROOM : 127 SF 4% Ventilation Required 5 SF Ventilation Provided 11 SF 8% Light Required 10 SF Light Provided 22 SF	LIVING / DINING : 387 SF 4% Ventilation Required 15 SF Ventilation Provided 63 SF 8% Light Required 31 SF Light Provided 69 SF	MASTER BR. : 208 SF 4% Ventilation Required 8 SF Ventilation Provided 43 SF 8% Light Required 17 SF Light Provided 57 SF	MASTER BR. : 112 SF 4% Ventilation Required 4 SF Ventilation Provided 11 SF 8% Light Required 9 SF Light Provided 22 SF	LIVING / DINING : 343 SF 4% Ventilation Required 14 SF Ventilation Provided 31 SF 8% Light Required 27 SF Light Provided 35 SF
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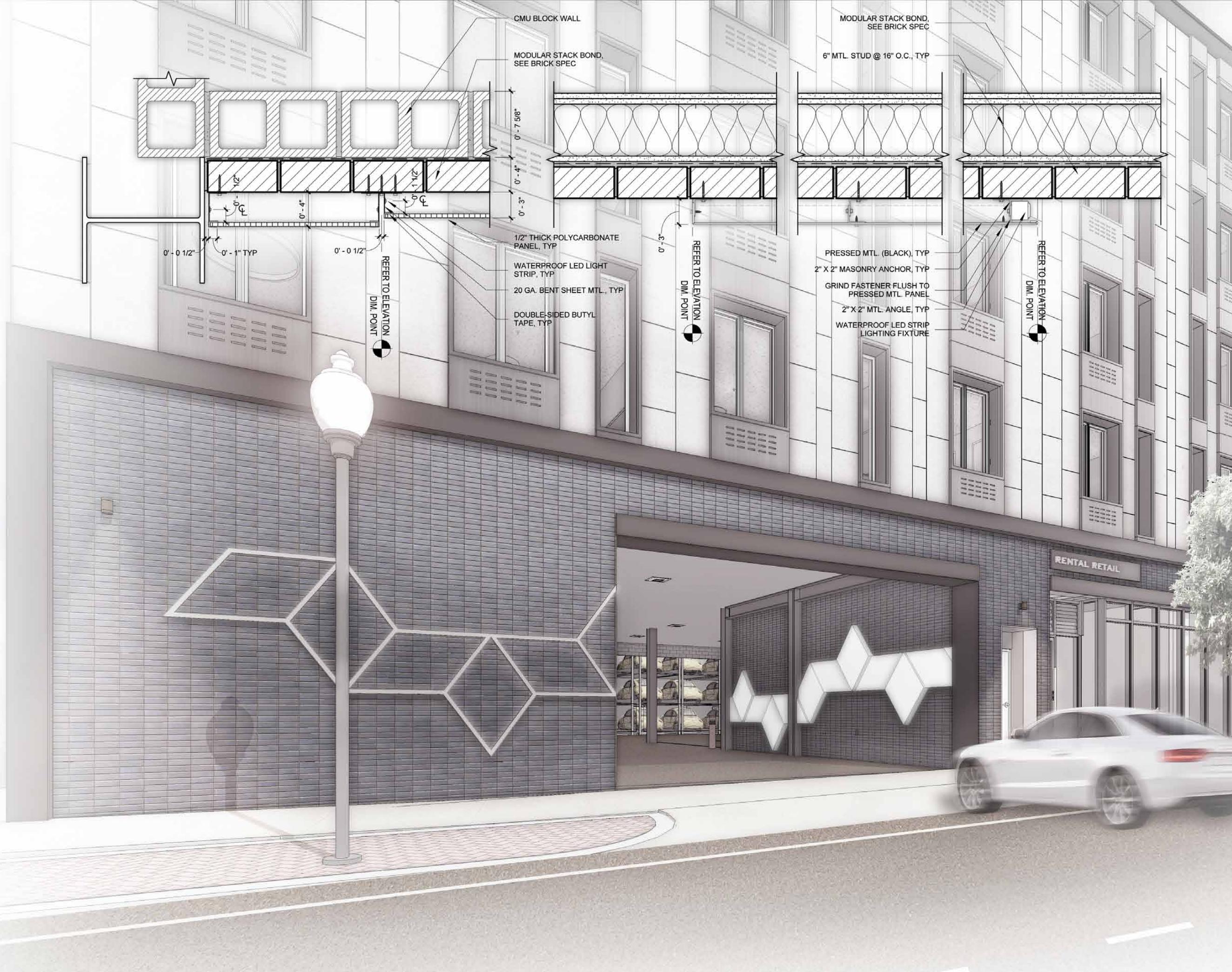


3









CMU BLOCK WALL

MODULAR STACK BOND, SEE BRICK SPEC

MODULAR STACK BOND, SEE BRICK SPEC

6" MTL. STUD @ 16" O.C., TYP

1/2" THICK POLYCARBONATE PANEL, TYP

WATERPROOF LED LIGHT STRIP, TYP

20 GA. BENT SHEET MTL., TYP

DOUBLE-SIDED BUTYL TAPE, TYP

PRESSED MTL. (BLACK), TYP

2" X 2" MASONRY ANCHOR, TYP

GRIND FASTENER FLUSH TO PRESSED MTL. PANEL

2" X 2" MTL. ANGLE, TYP

WATERPROOF LED STRIP LIGHTING FIXTURE

0'-0 1/2"

0'-1" TYP

0'-0 1/2"

0'-7 5/8"

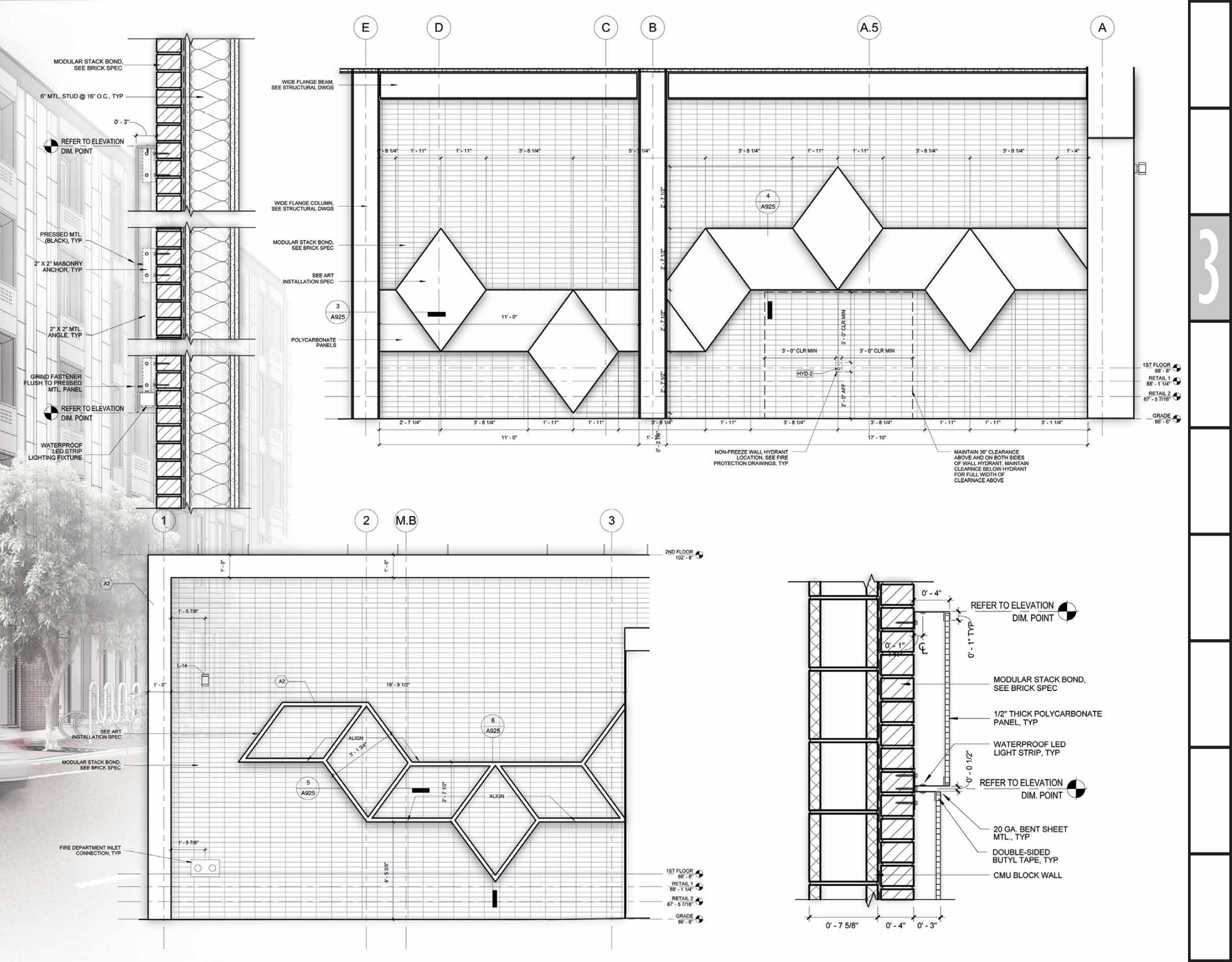
0'-4"

0'-3"

1/2"

REFER TO ELEVATION DIM. POINT

RENTAL RETAIL



MODULAR STACK BOND, SEE BRICK SPEC

6" MTL STUD @ 16" O.C., TYP

REFER TO ELEVATION DIM. POINT

PRESSED MTL (BLACK), TYP

2" X 2" MASONRY ANCHOR, TYP

2" X 2" MTL ANGLE, TYP

GRIND FASTENER FLUSH TO PRESSED MTL PANEL

REFER TO ELEVATION DIM. POINT

WATERPROOF LED STRIP LIGHTING FIXTURE

WIDE FLANGE BEAM, SEE STRUCTURAL DWGS

WIDE FLANGE COLUMN, SEE STRUCTURAL DWGS

MODULAR STACK BOND, SEE BRICK SPEC

SEE ART INSTALLATION SPEC

POLYCARBONATE PANELS

1ST FLOOR 88'-8"
RETAIL 1 88'-1 1/4"
RETAIL 2 87'-5 7/16"
GRADE 86'-6"

2ND FLOOR 102'-8"

1ST FLOOR 88'-8"
RETAIL 1 88'-1 1/4"
RETAIL 2 87'-5 7/16"
GRADE 86'-6"

REFER TO ELEVATION DIM. POINT

MODULAR STACK BOND, SEE BRICK SPEC

1/2" THICK POLYCARBONATE PANEL, TYP

WATERPROOF LED LIGHT STRIP, TYP

REFER TO ELEVATION DIM. POINT

20 GA. BENT SHEET MTL., TYP

DOUBLE-SIDED BUTYL TAPE, TYP

CMU BLOCK WALL

3

M.B.

SEE ART INSTALLATION SPEC

MODULAR STACK BOND, SEE BRICK SPEC

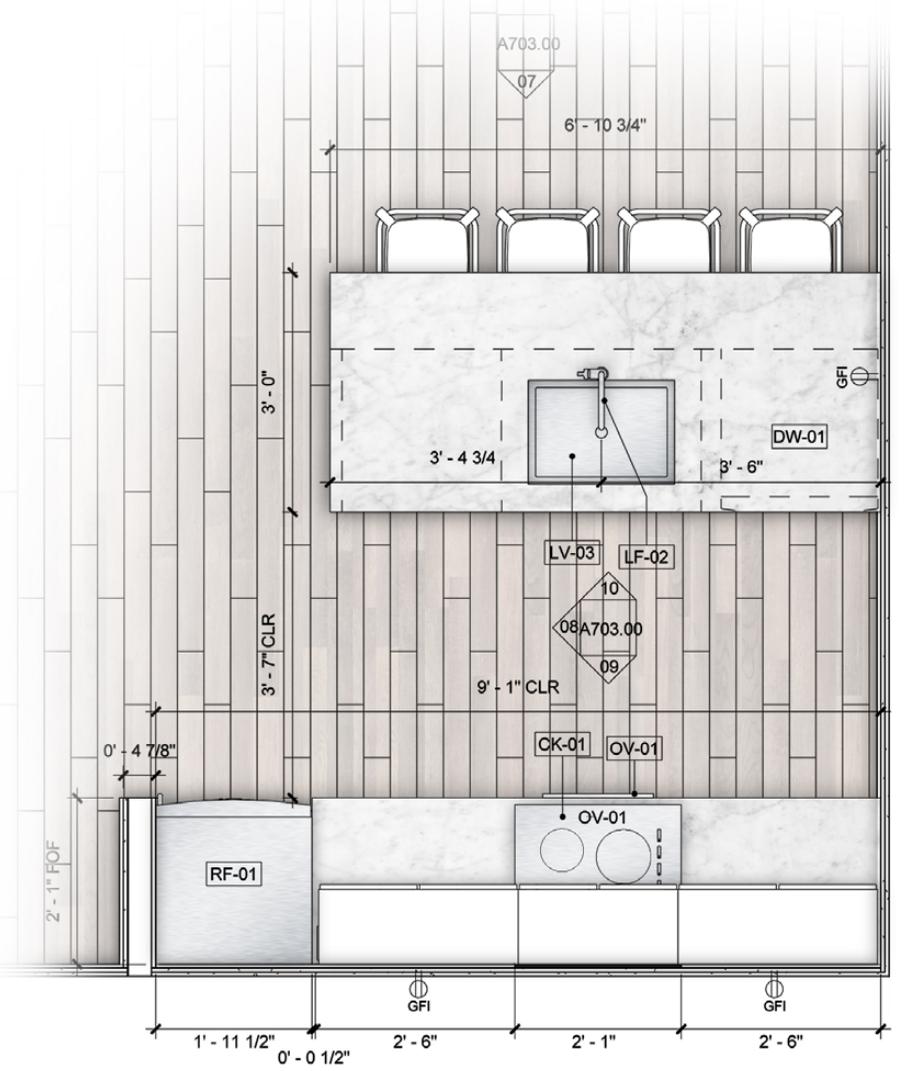
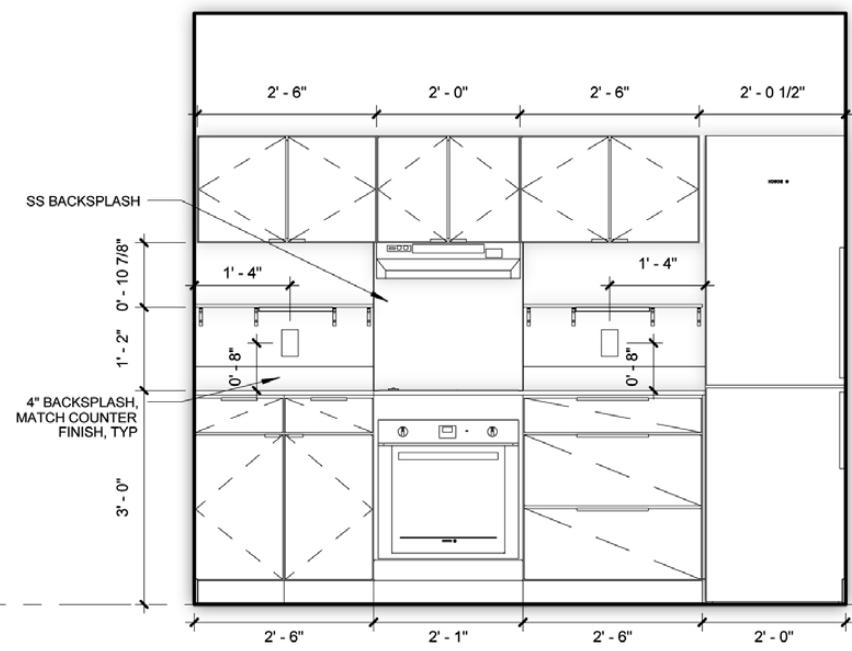
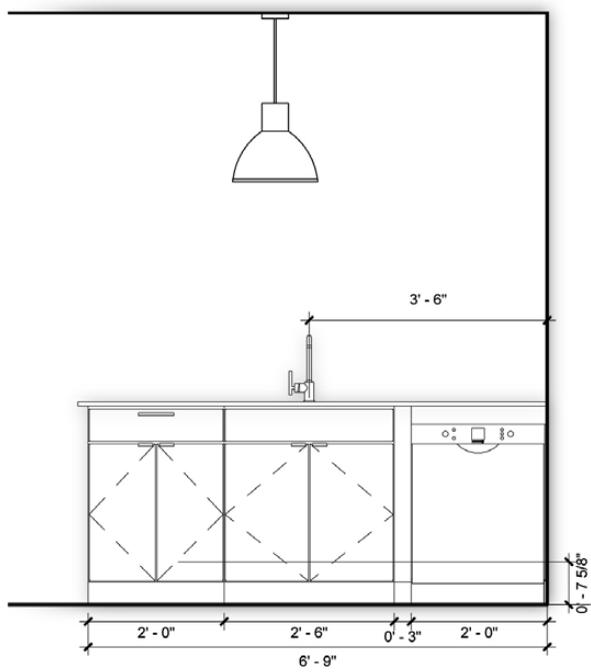
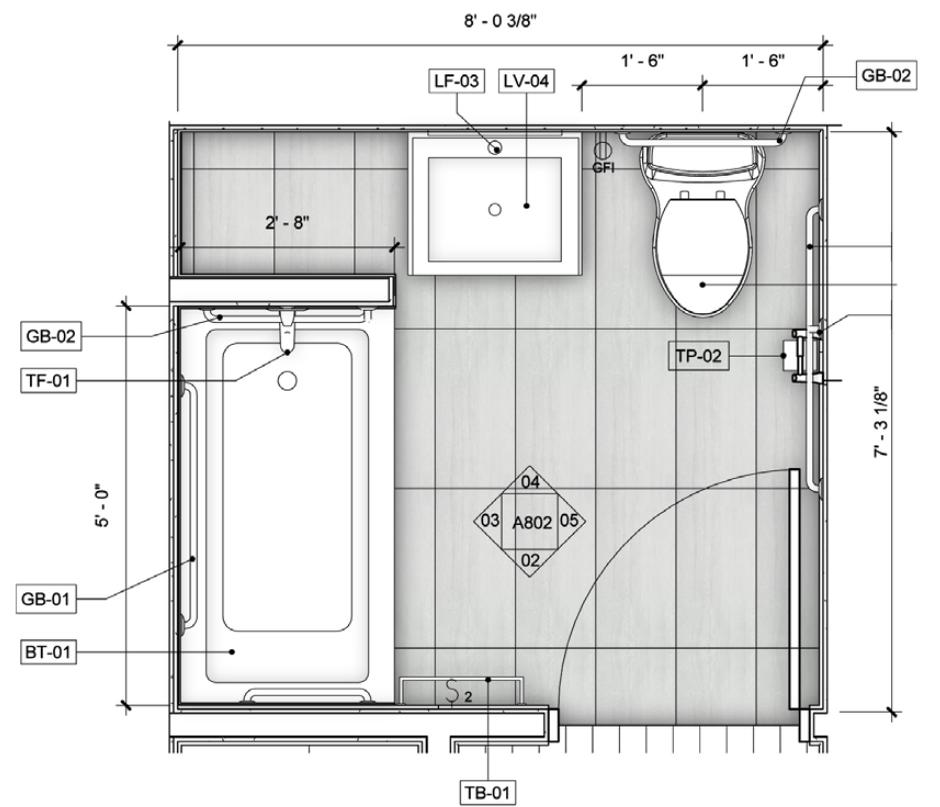
FIRE DEPARTMENT INLET CONNECTION, TYP

ALIGN

ALIGN

REFER TO ELEVATION DIM. POINT

REFER TO ELEVATION DIM. POINT



4

17 LOCUST AVENUE

MONROE COLLEGE STUDENT HOUSING
NEW ROCHELLE, NY



CLIENT:
MONROE COLLEGE



PROJECT DESCRIPTION:

THIS FIVE-FLOOR STUDENT DORMITORY BUILDING IS LOCATED IN THE NEW ROCHELLE DOWNTOWN OVERLAY DISTRICT. THIS DESIGN TAKES ADVANTAGE OF COMMUNITY BENEFIT BONUSES, INCLUDING A PUBLIC ART SPACE, A CAR SHARE SERVICE, AND A PRIVATE ART BETTERMENT PROGRAM.



WITH THESE BONUSES, THIS BUILDING WAS ABLE TO MAXIMIZE TO THE ALLOWED SQUARE FOOTAGE REGULATED BY ZONING HEIGHT, AREA, SETBACKS, AND PARKING REQUIREMENTS. THE CONSTRAINTS OF THE LOCAL ZONING ORDINANCE ALMOST SOLELY DICTATED THE FORM OF THE BUILDING. THIS INCLUDES A 10'-0" SETBACK FOR A FORECOURT FRONTAGE PRECEDING THE ENTRANCE OF THE BUILDING, A 20'-0" SETBACK ALONG THE SIDE OF THE BUILDING CREATING A SECOND FLOOR PUBLIC TERRACE, AND A 10'-0" SETBACK ALONG THE STREET FRONTAGE CREATING A FIFTH FLOOR PRIVATE TERRACE FOR THE ADJACENT DORMITORIES.



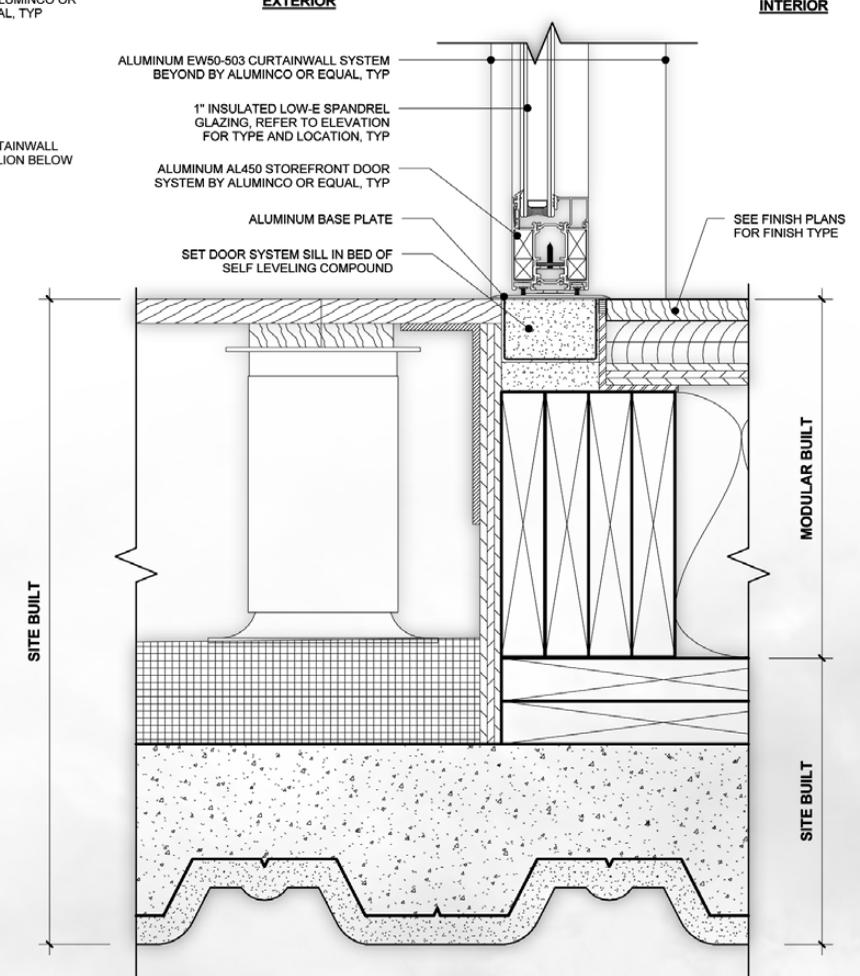
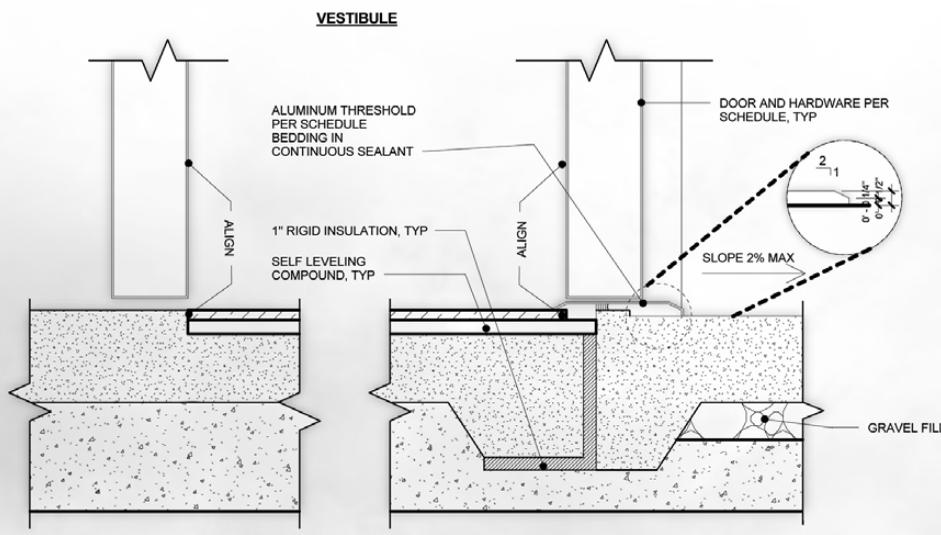
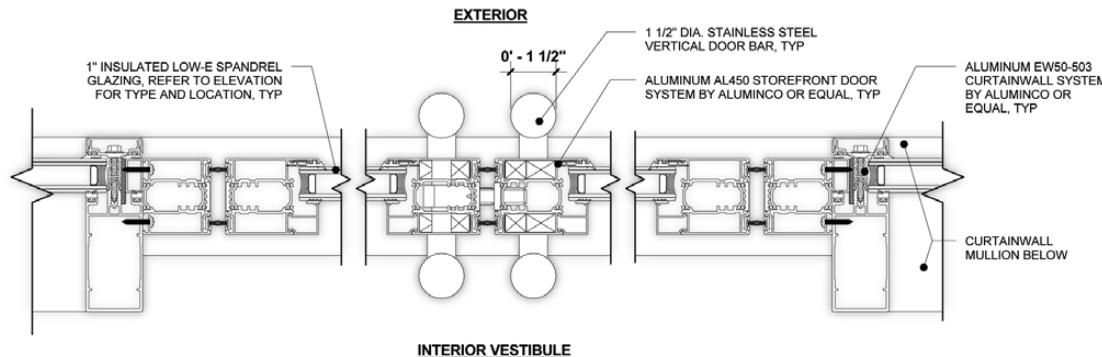
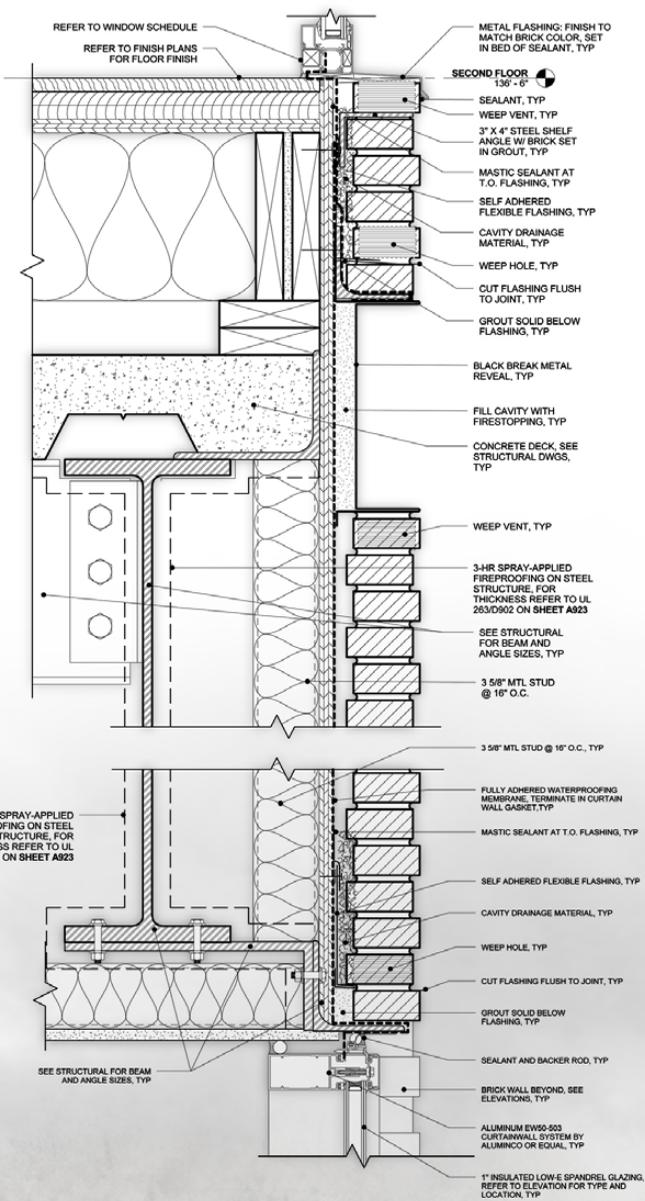
ROLE:
PROJECT ARCHITECT





LOCUST
HALL
MONROE COLLEGE



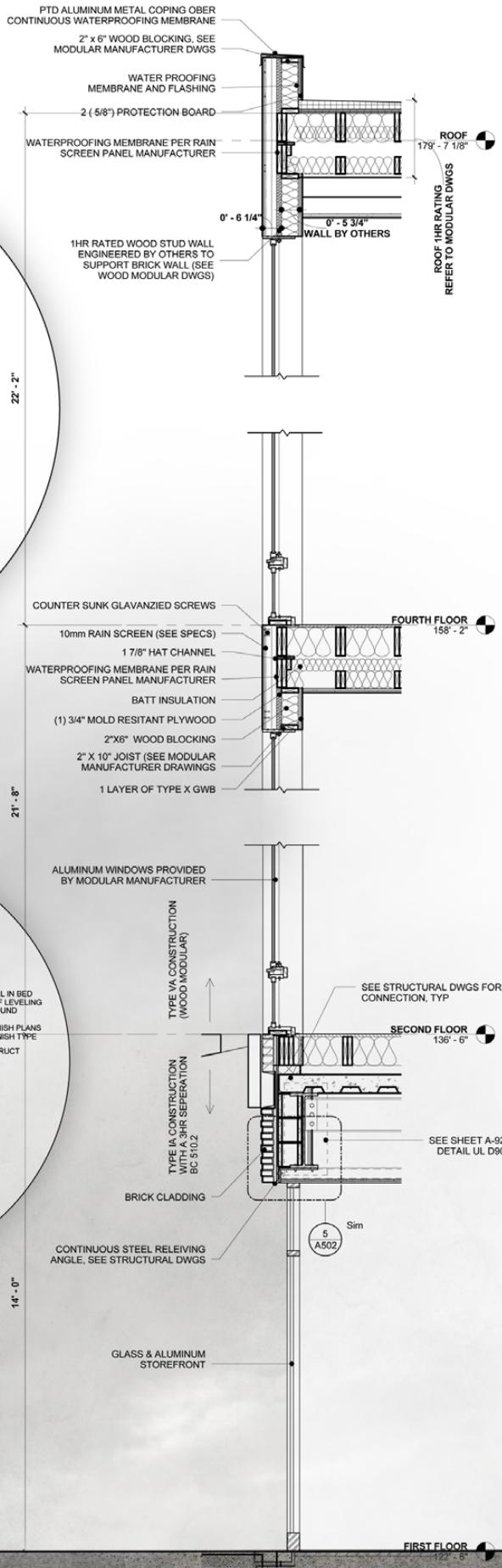
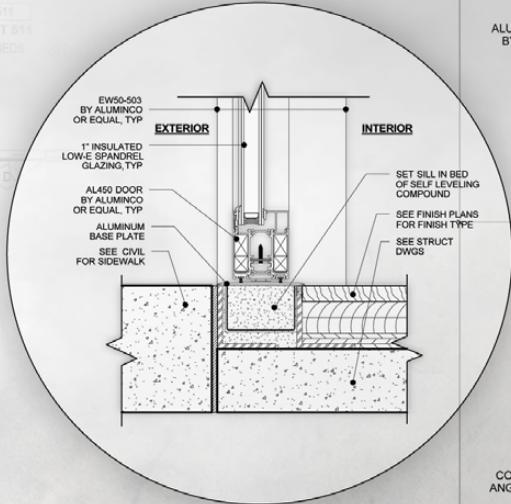
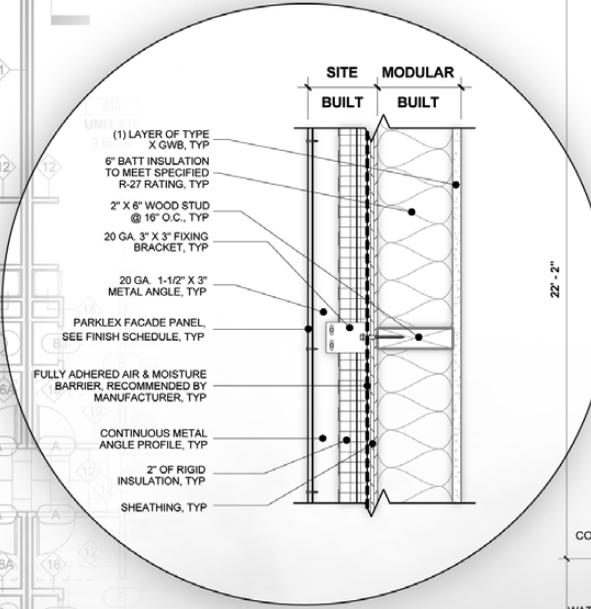
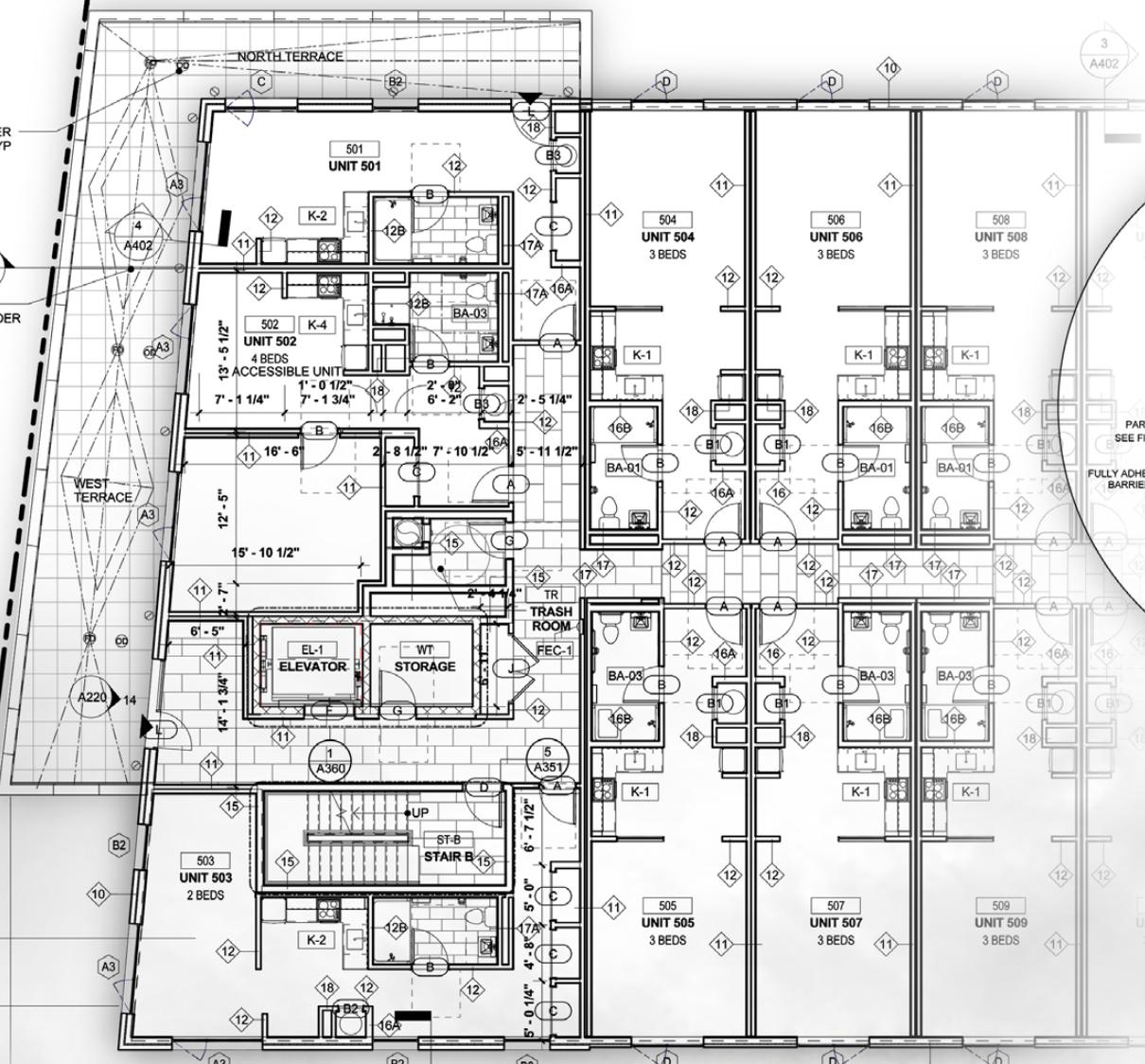


AT RELIEVING ANGLE



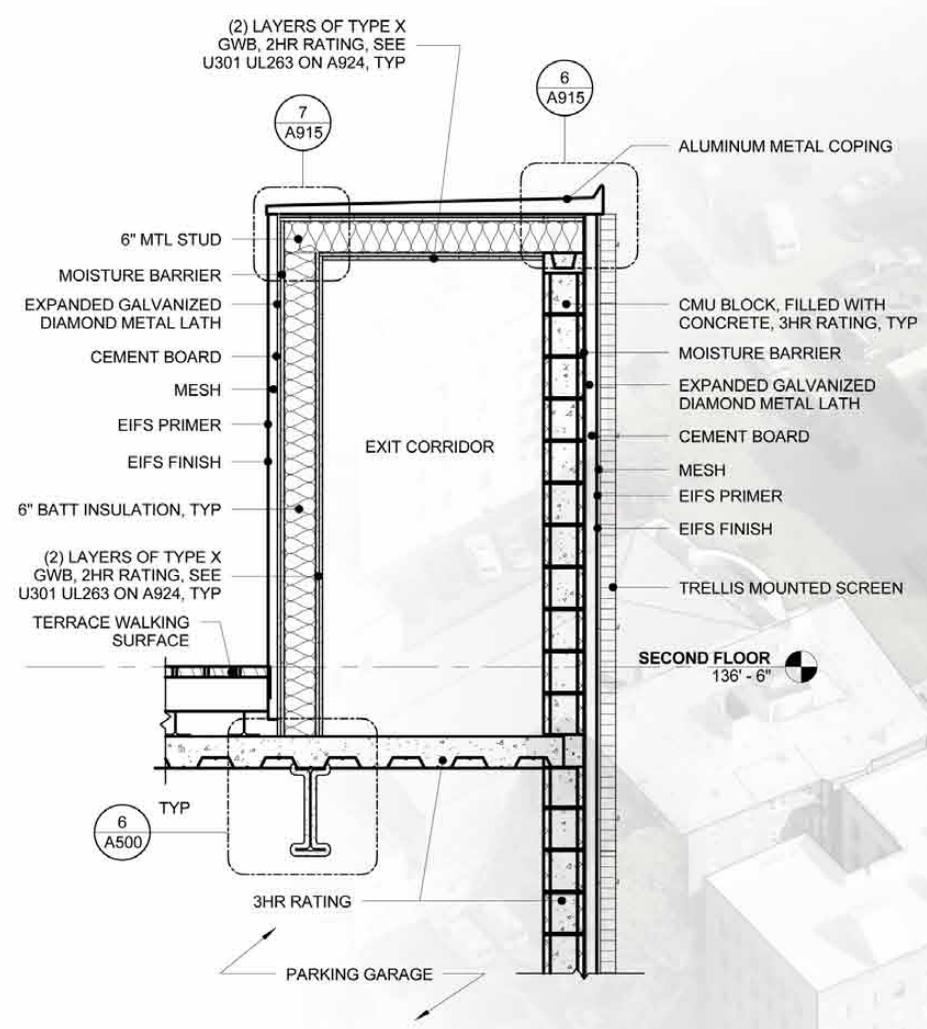
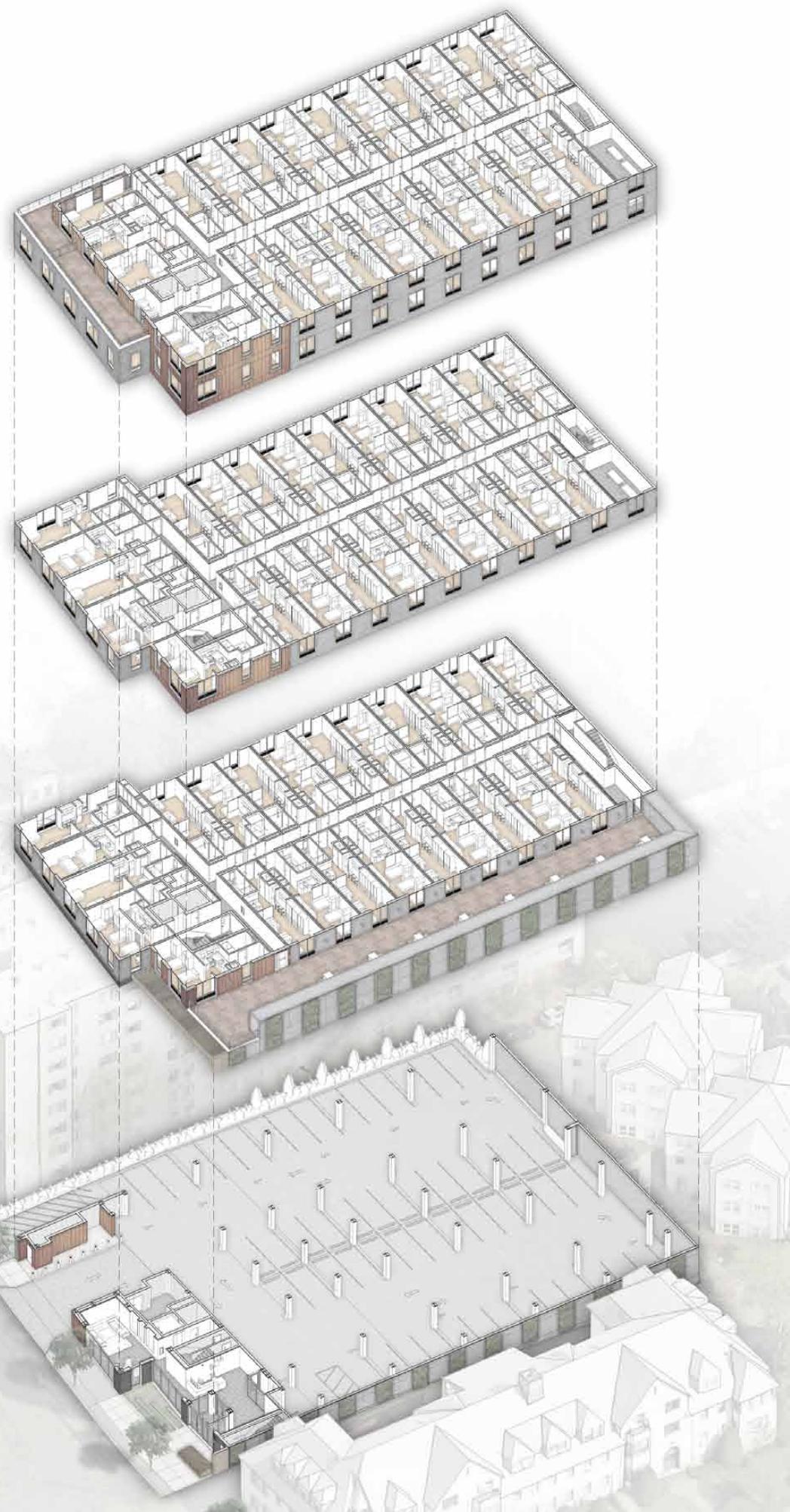
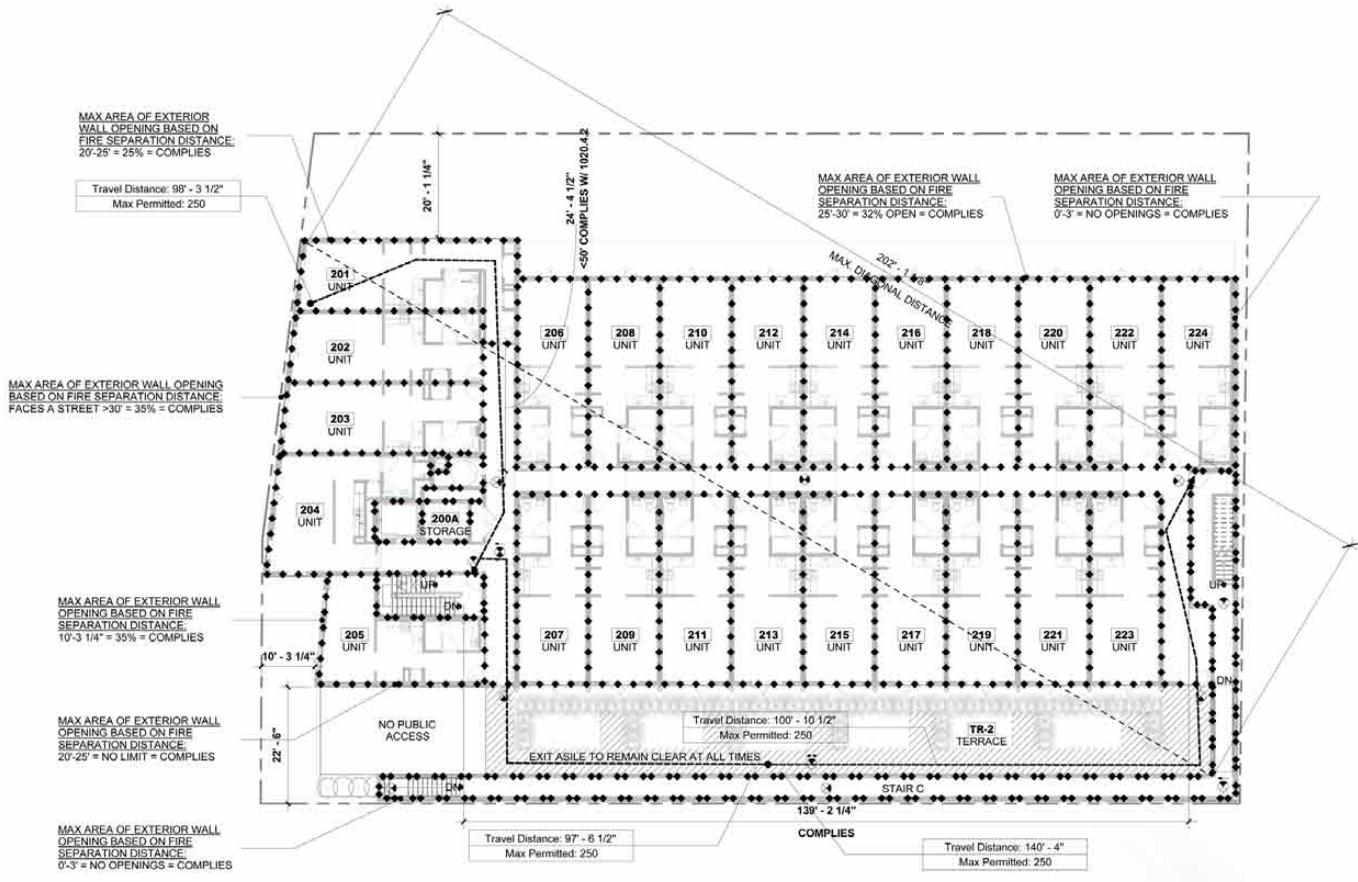
4" OVERFLOW DRAIN, REFER TO PLUMBING DWGS, TYP

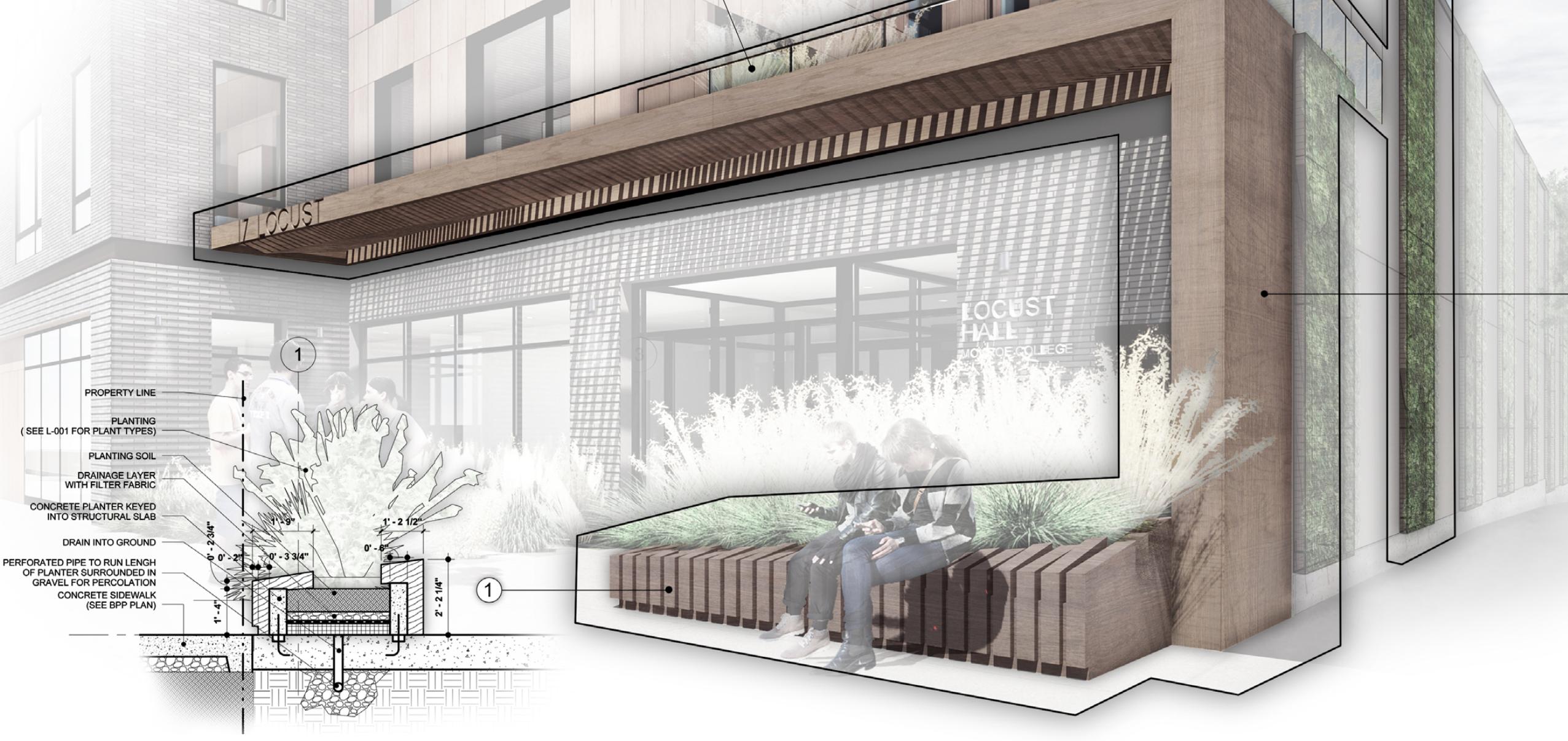
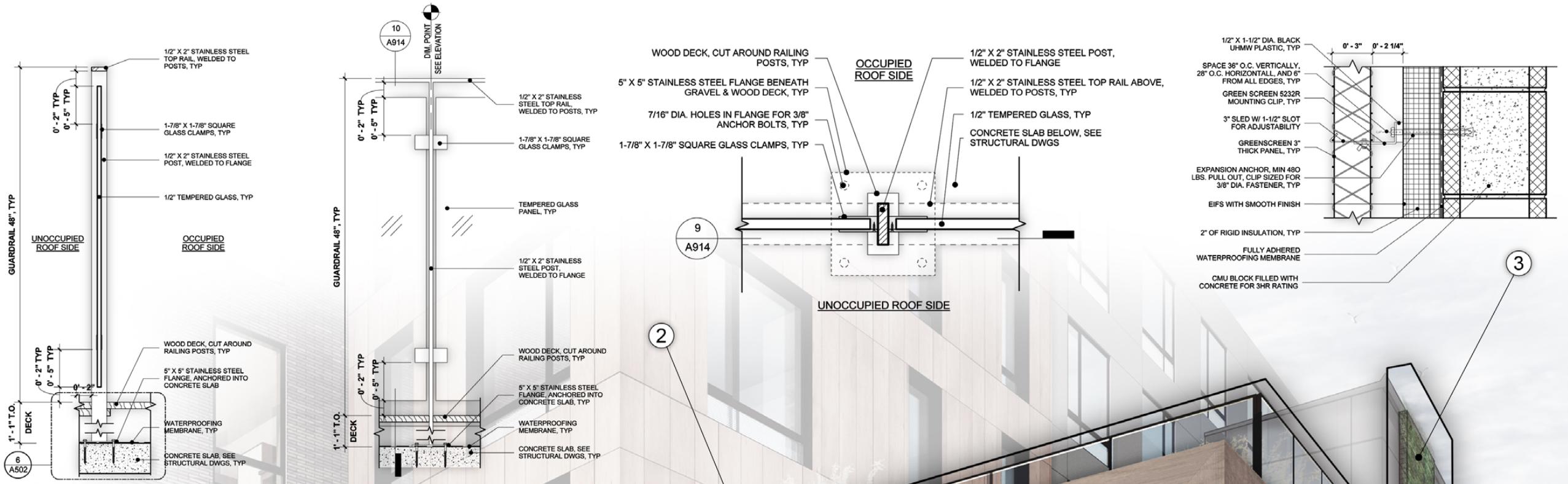
1 A302
SLATWALL
PANEL DIVIDER



EXTERIOR FINISH LEGEND

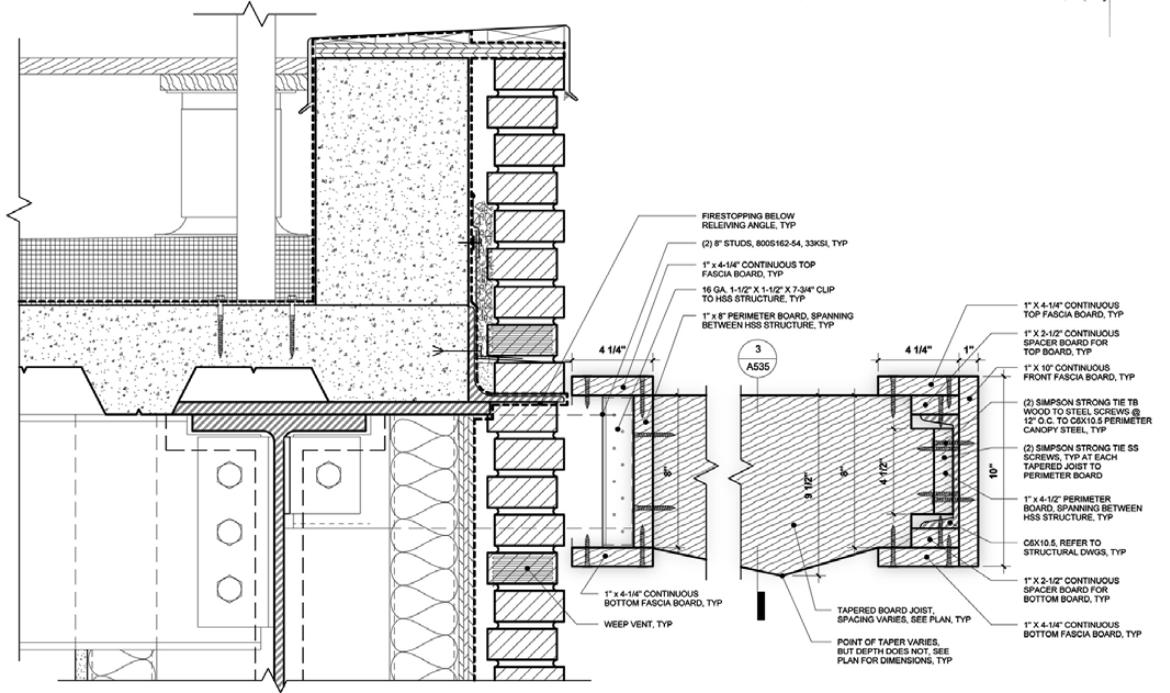
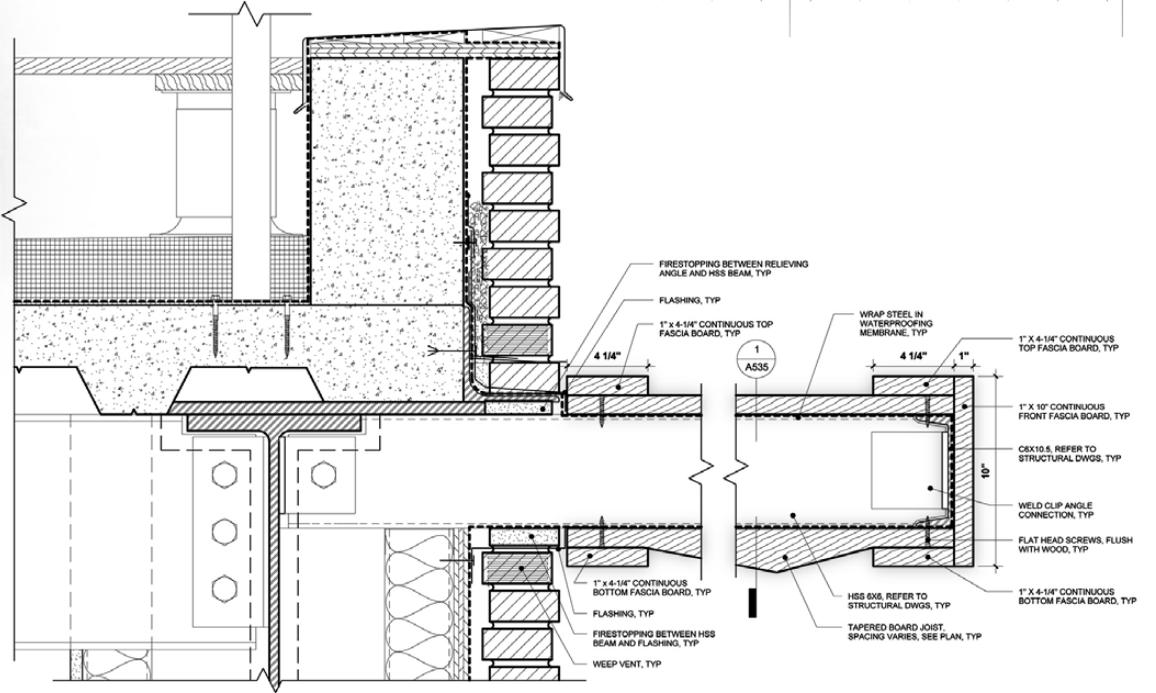
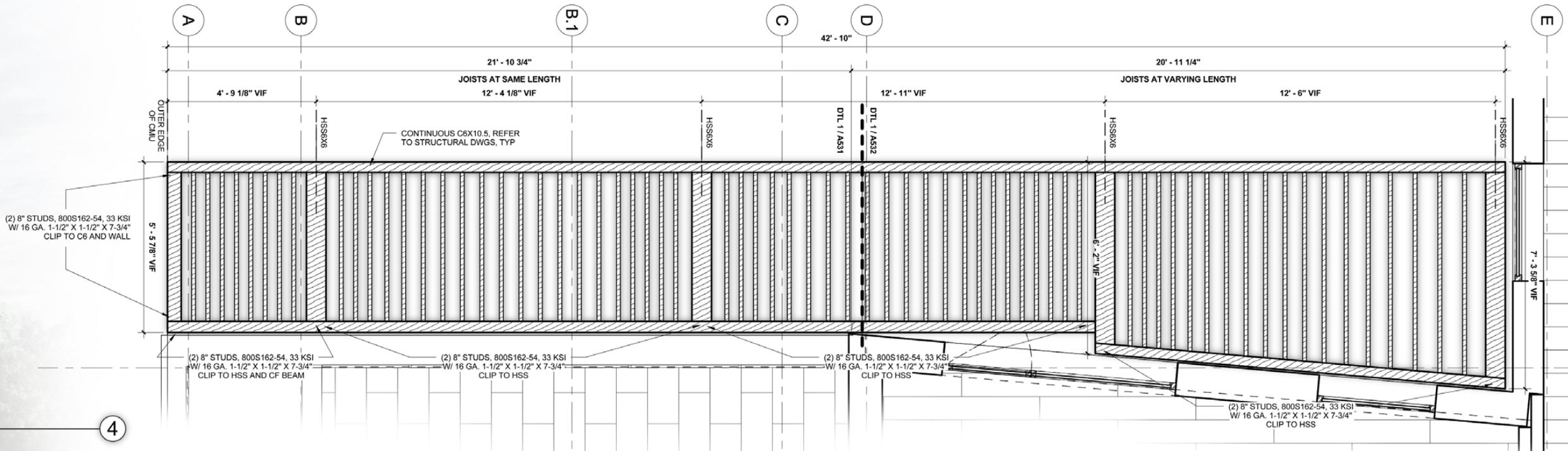
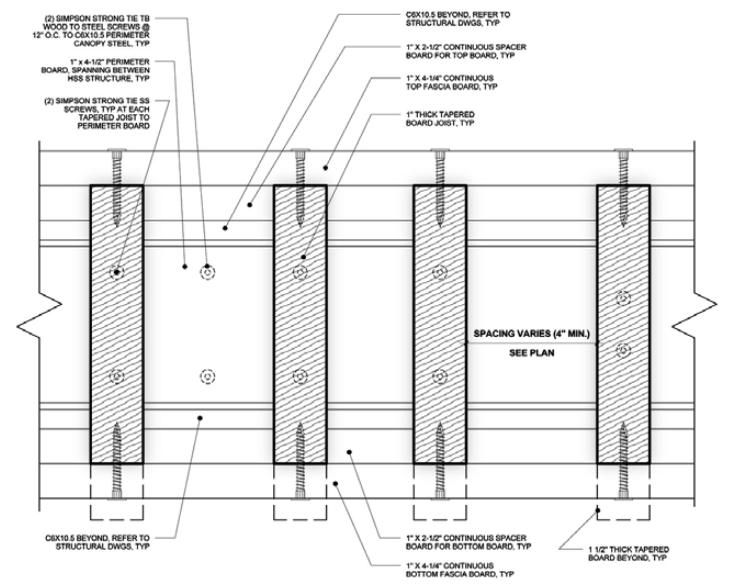
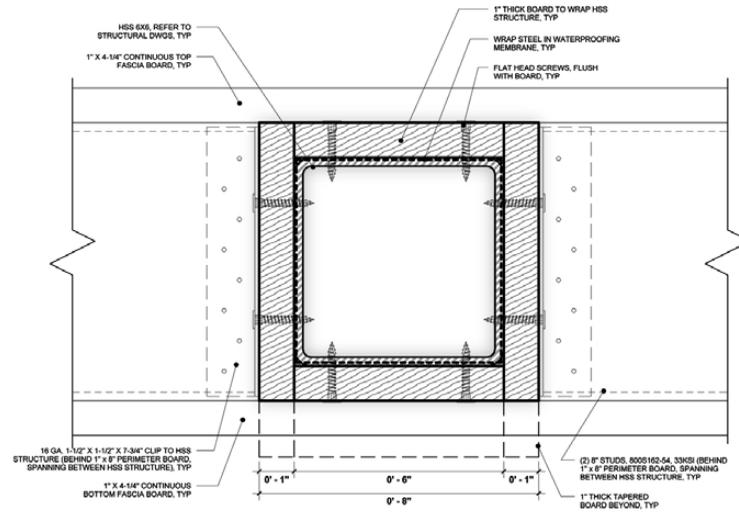
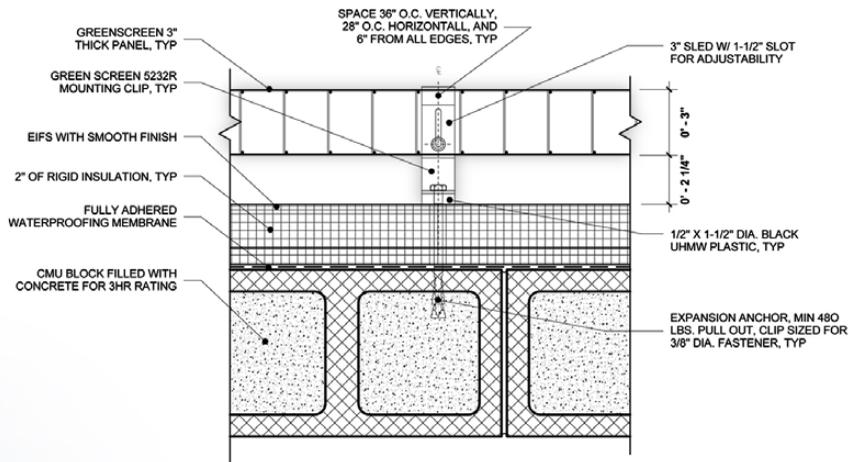
- EXTERIOR BRICK CLADDING BR-01:**
 ROMAN BRICK (2 X 12 NOMINAL)
 MANUFACTURER: YANKEE HILL
 PRODUCT NAME: CAPITAL
 COLOR: IRON SPOT SM
- EXTERIOR EIFS CLADDING EF-01:**
 MANUFACTURER: STO
 PRODUCT NAME: STO LIMESTONE
 FINISH: LIMESTONE (SMOOTH)
- EXTERIOR RAIN SCREEN CLADDING RC-01:**
 SIZE: REFER TO ELEVATION
 MANUFACTURER: PARKLEX
 APPLICATION: FACADE
 COLOR: COPPER
- TRELLIS GREEN SCREEN GS-01:**
 SIZE: REFER TO ELEVATION
 MANUFACTURER: GREENSCREEN
 APPLICATION: WALLMOUNTED
 COLOR: BLACK

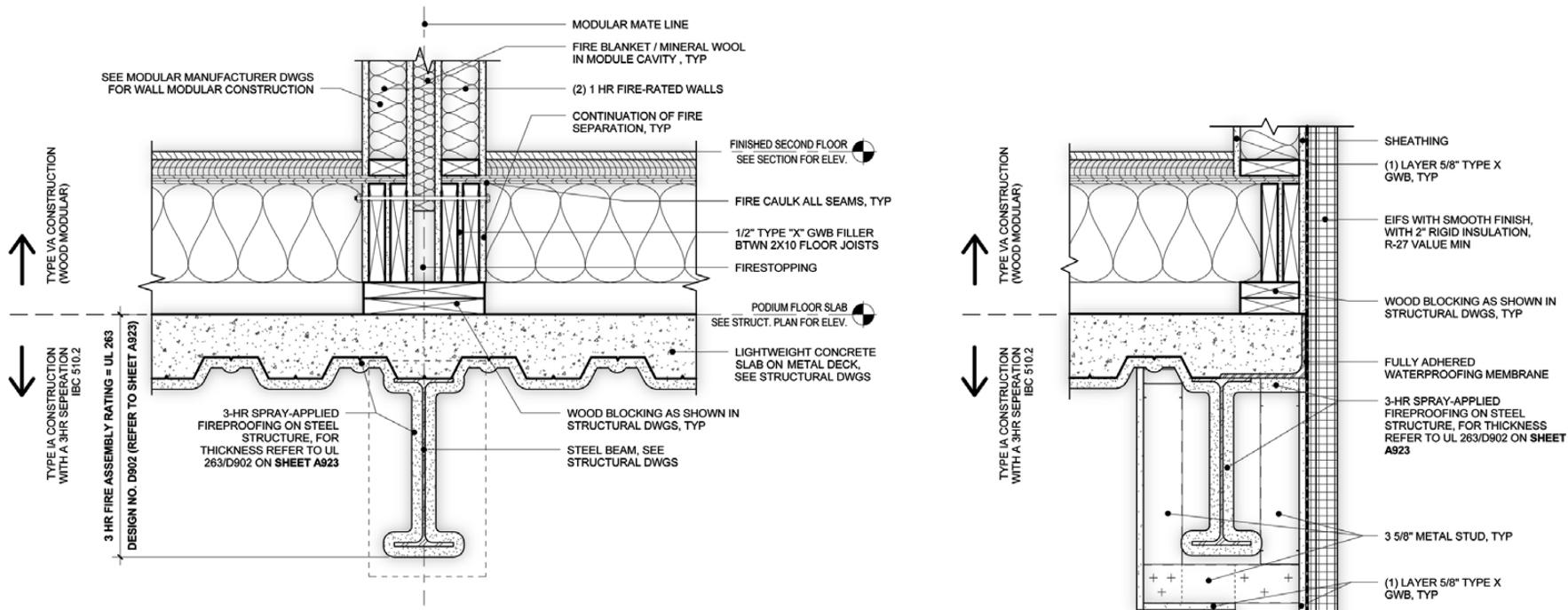




17 LOCUST

LOCUST HALL
MONROE COLLEGE





4

5

195 ADAMS STREET

PRIVATE RESIDENCE / DUPLEX CONVERSION
DOWNTOWN BROOKLYN / BROOKLYN, NY

Ai

CLIENT:
PRIVATE RESIDENT

Id

PROJECT DESCRIPTION:

TWO SEPARATE APARTMENTS (8B AND 9B) OWNED BY THE SAME PRIVATE RESIDENT, SOUGHT TO COMBINE BOTH APARTMENTS INTO A LARGE 2-BR DUPLEX WITH A CONNECTING STAIR. ON THE 8TH FLOOR, THE KITCHEN AND BATHROOM WERE RENOVATED, THE EXISTING BEDROOM WAS REMOVED AND REPURPOSED INTO A LIVING ROOM, AND THE EXISTING LIVING ROOM WAS REPROGRAMED INTO THE DINING ROOM AND THE LOCATION FOR THE INTERNAL STAIR CONNECTING TO THE 9TH FLOOR UNIT. ON THE 9TH FLOOR, THE EXISTING KITCHEN WAS RENOVATED INTO A BATHROOM AND LAUNDRY ROOM, THE BEDROOM WAS ENLARGED, AND THE LIVING ROOM WAS MADE INTO A FLEXIBLE SECOND BEDROOM.

Ps



PD

BEING ENTHUSIASTIC ABOUT WOOD WORKING AND CUSTOM MADE FURNITURE, THE CLIENT COMMISSIONED NUMEROUS CUSTOM BUILT-IN FURNITURE PIECES, UTILIZING DOBAN ARCHITECTURE'S SISTER COMPANY, THINK FABRICATE. THESE FURNISHINGS INCLUDE A LIVING ROOM MEDIA CABINET WITH AN INTEGRATED "SECRET DOOR" TO THE BATHROOM, SHELVING, WALL ART, AND A RADIATOR BENCH COVER.

SD

DD

CD

CA

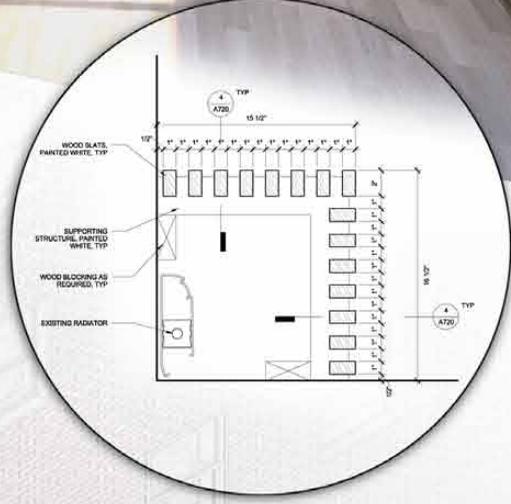
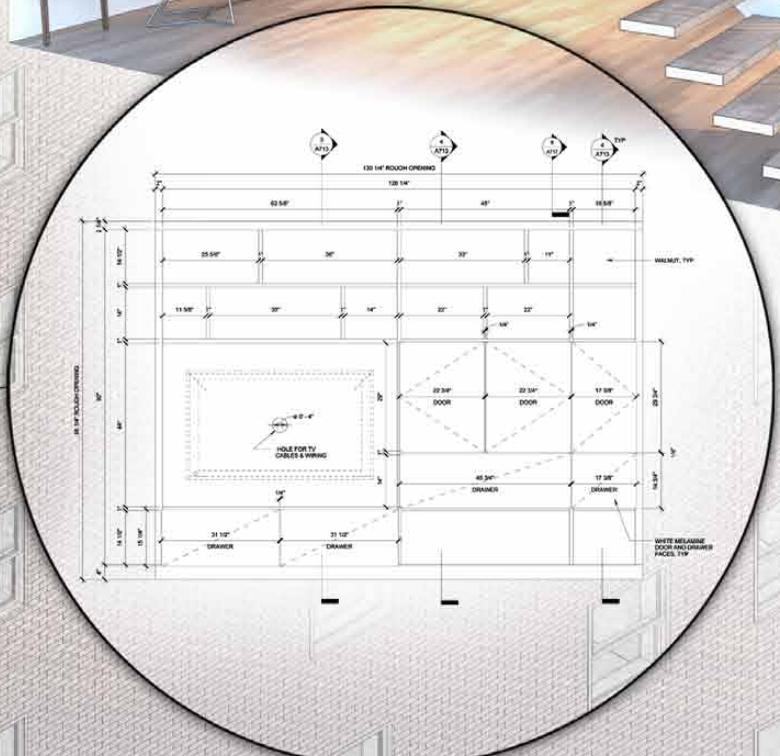
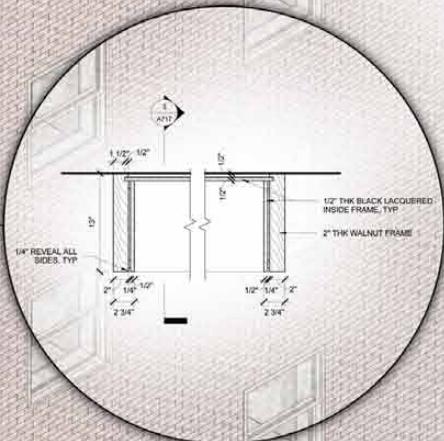
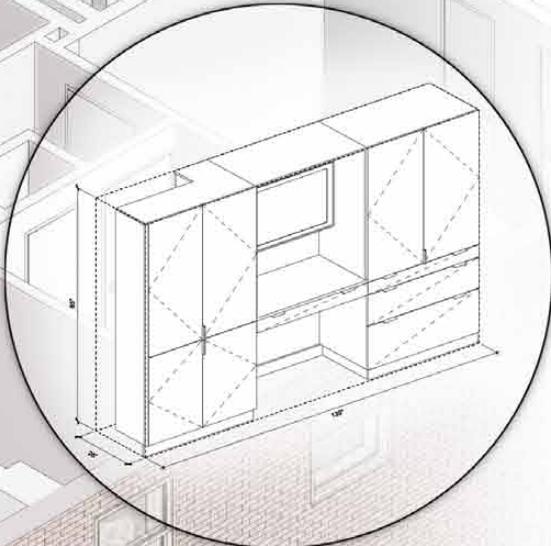
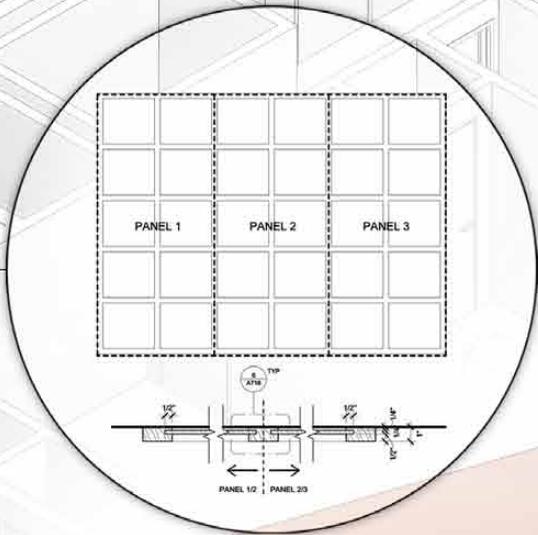
ROLE:
DESIGNER / PROJECT ARCHITECT

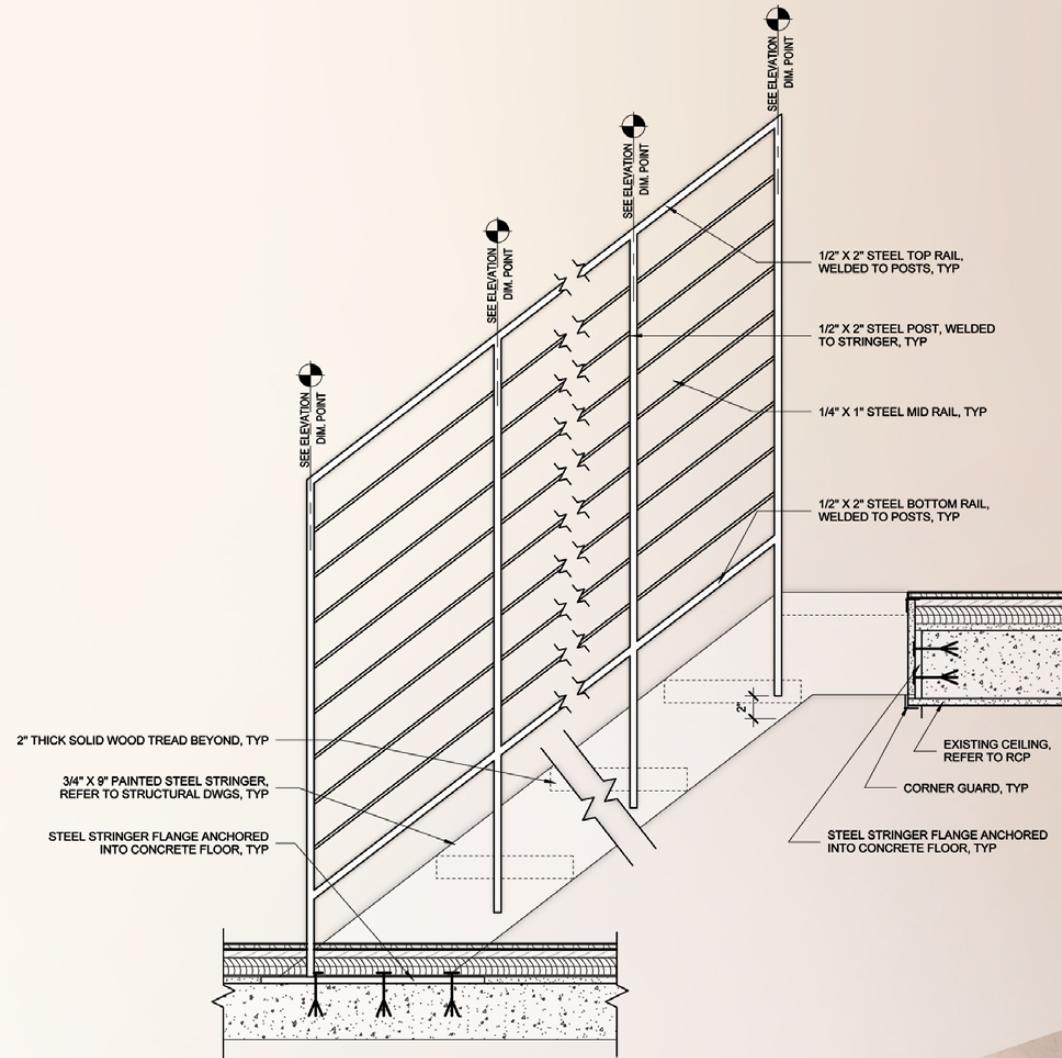
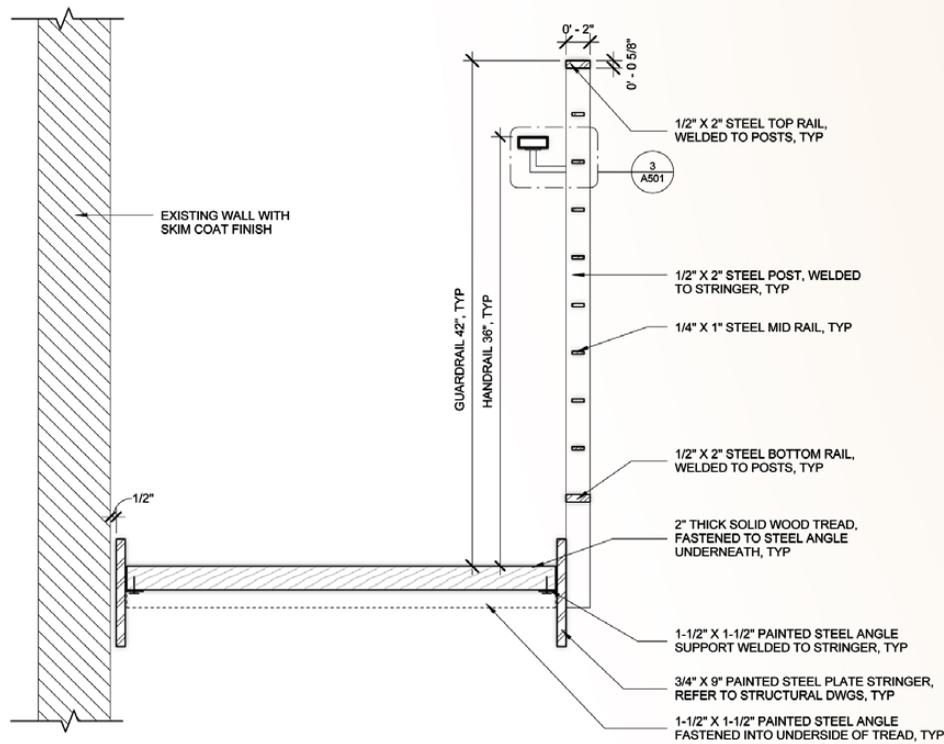
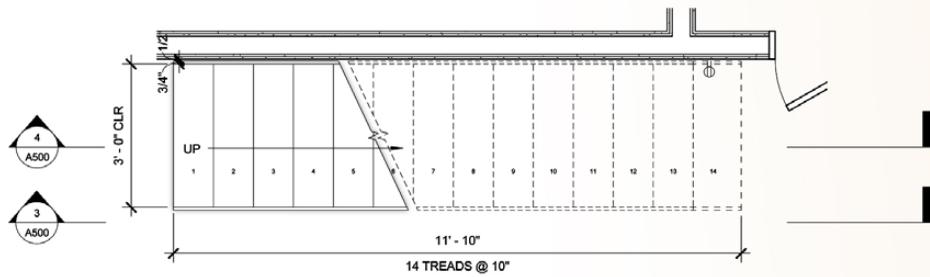
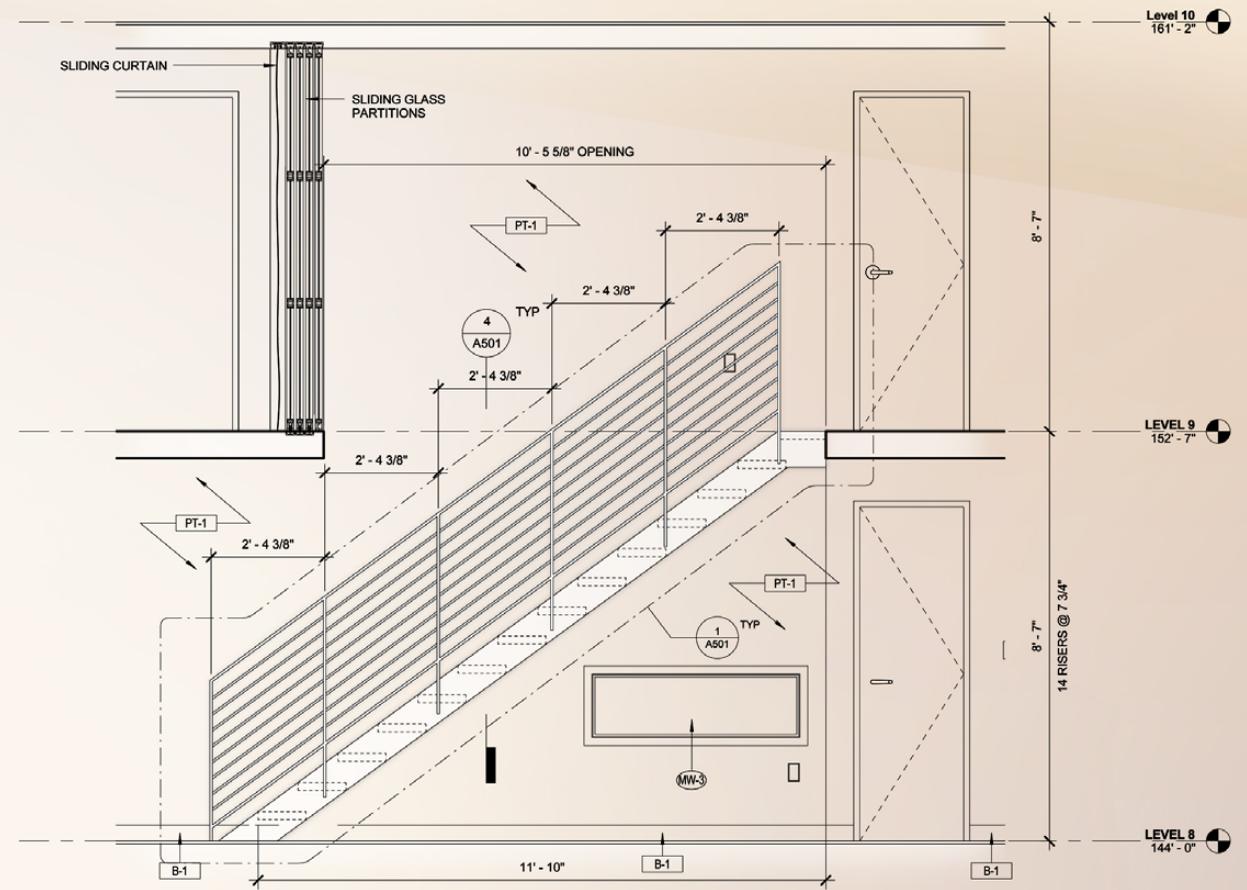
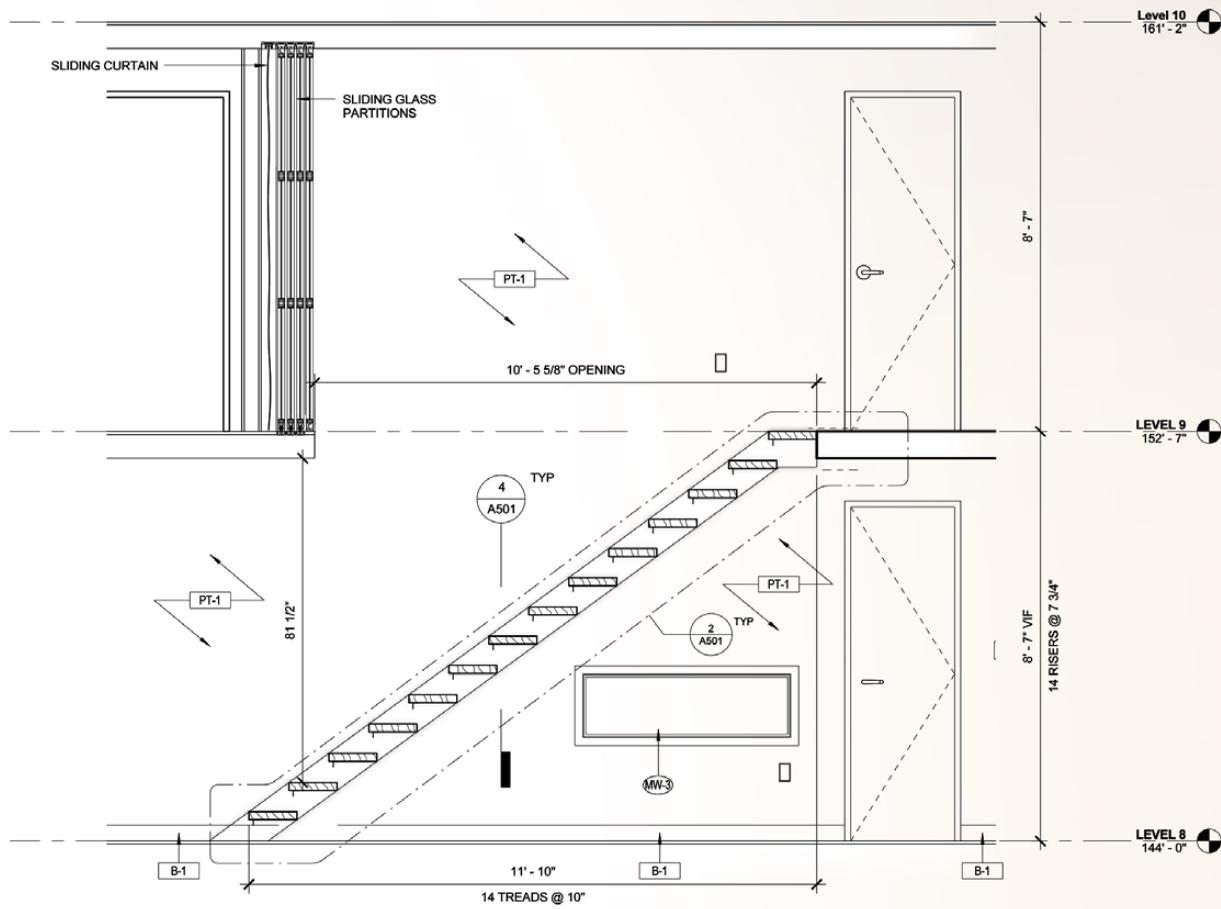


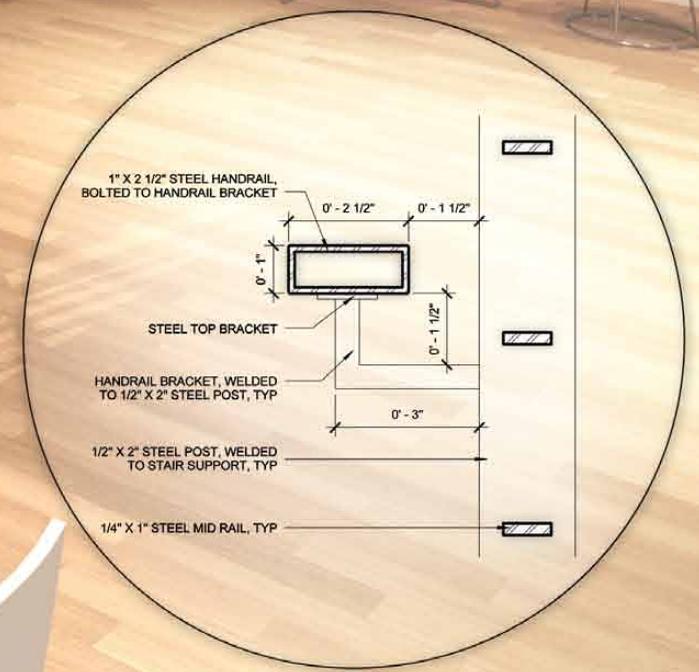
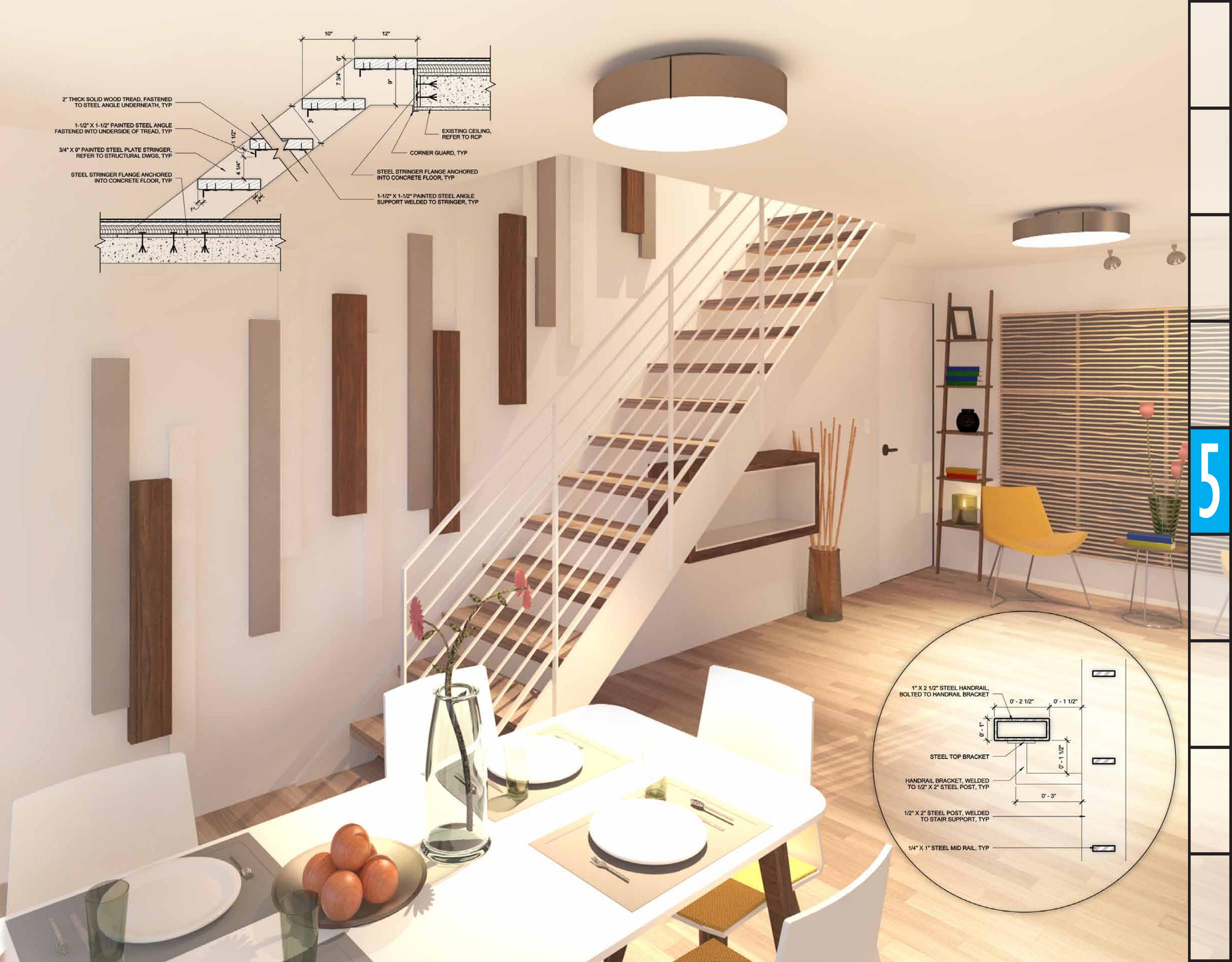
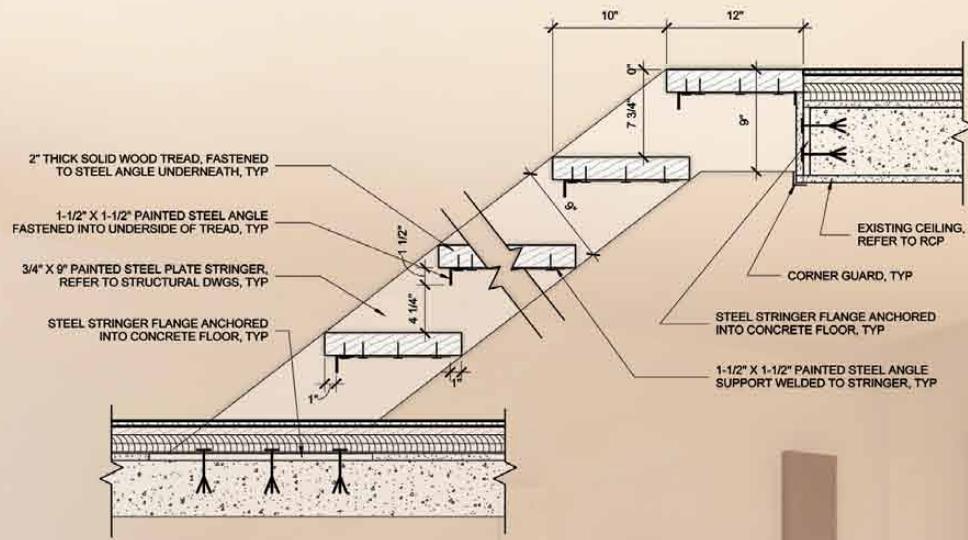


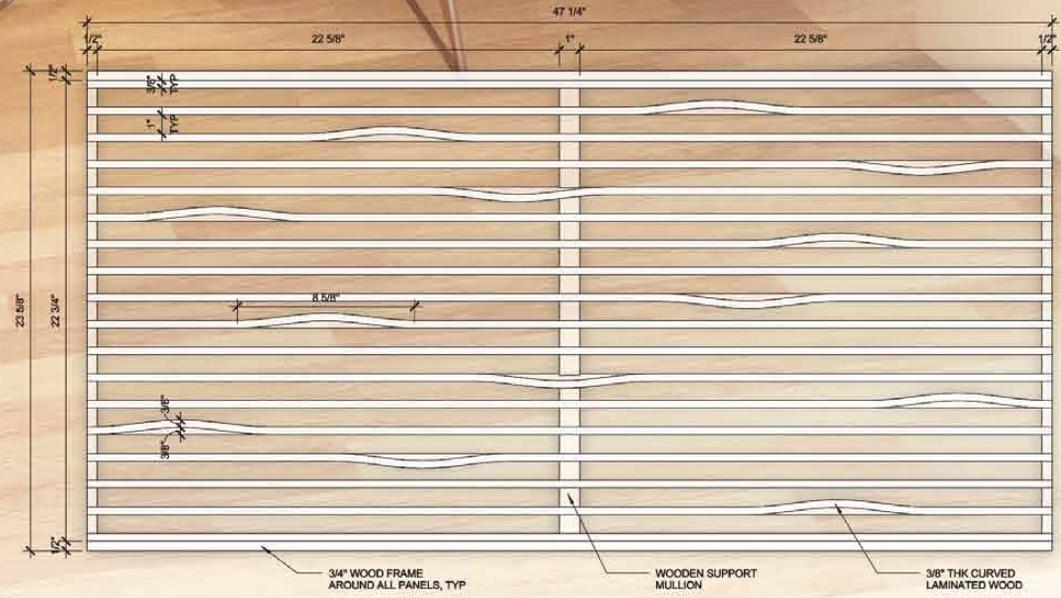
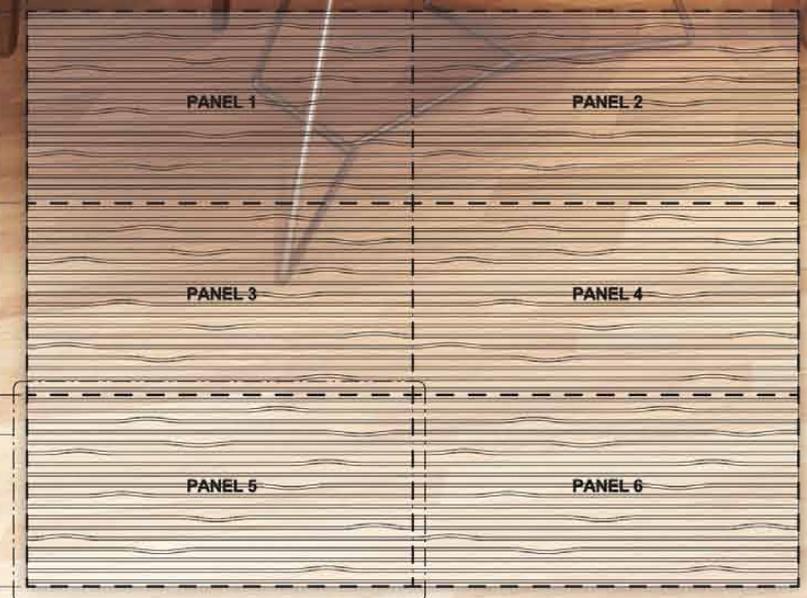
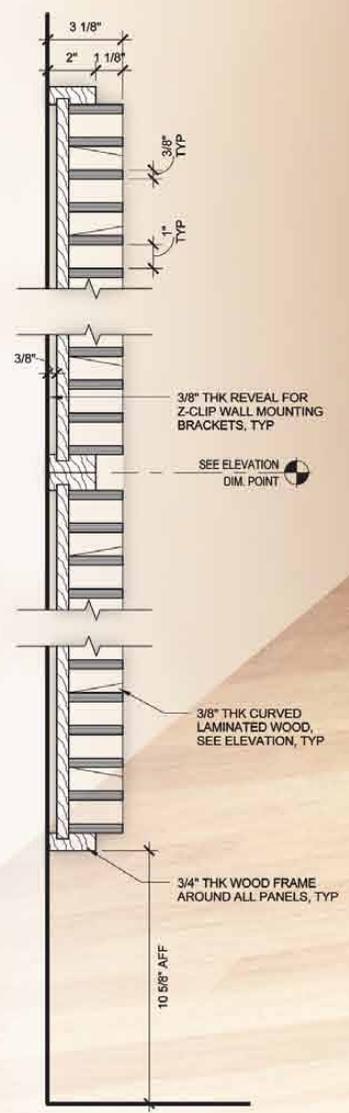
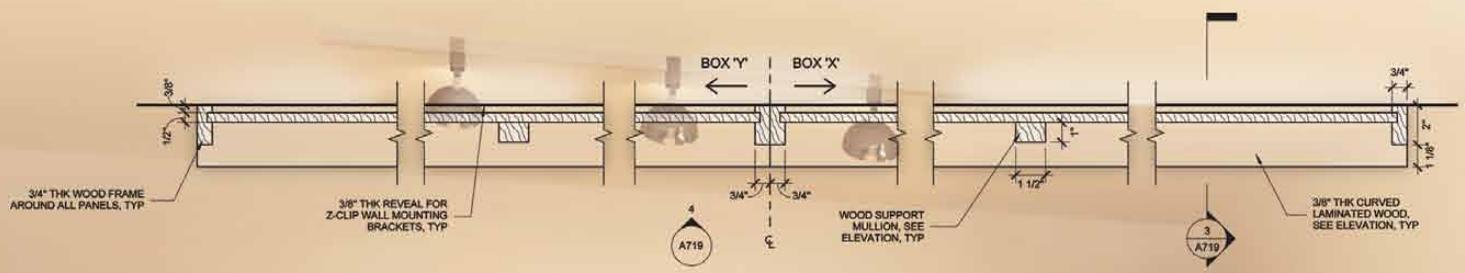
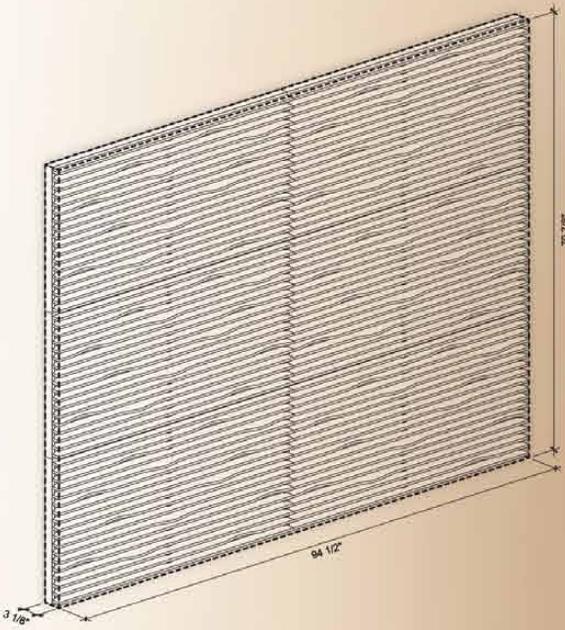
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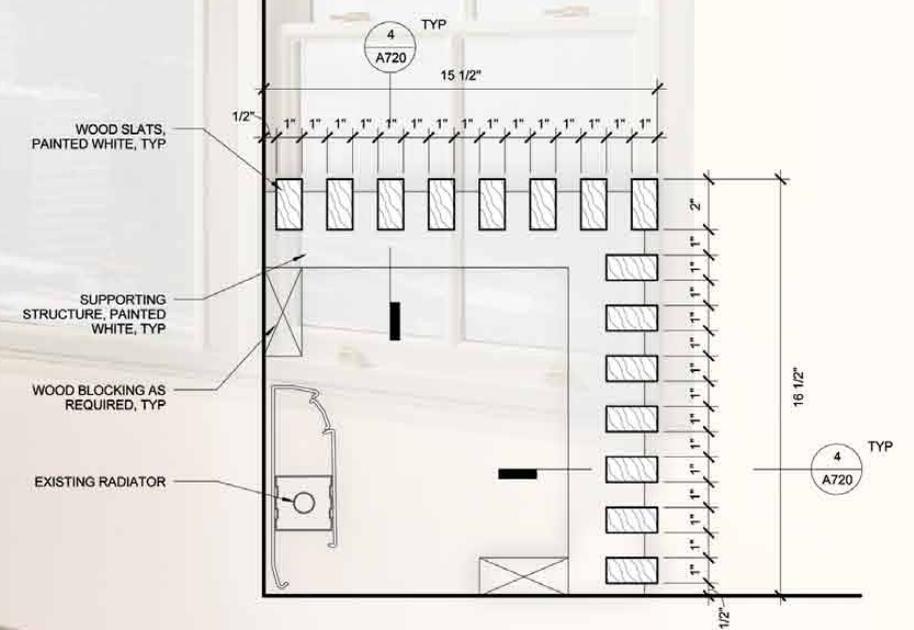
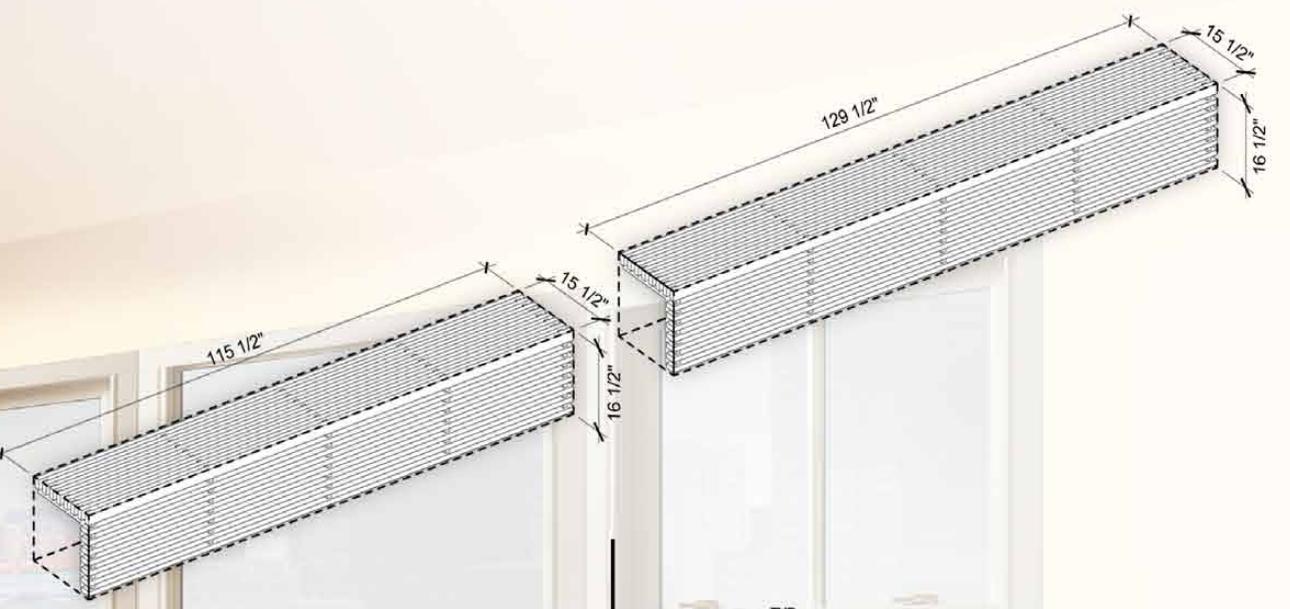
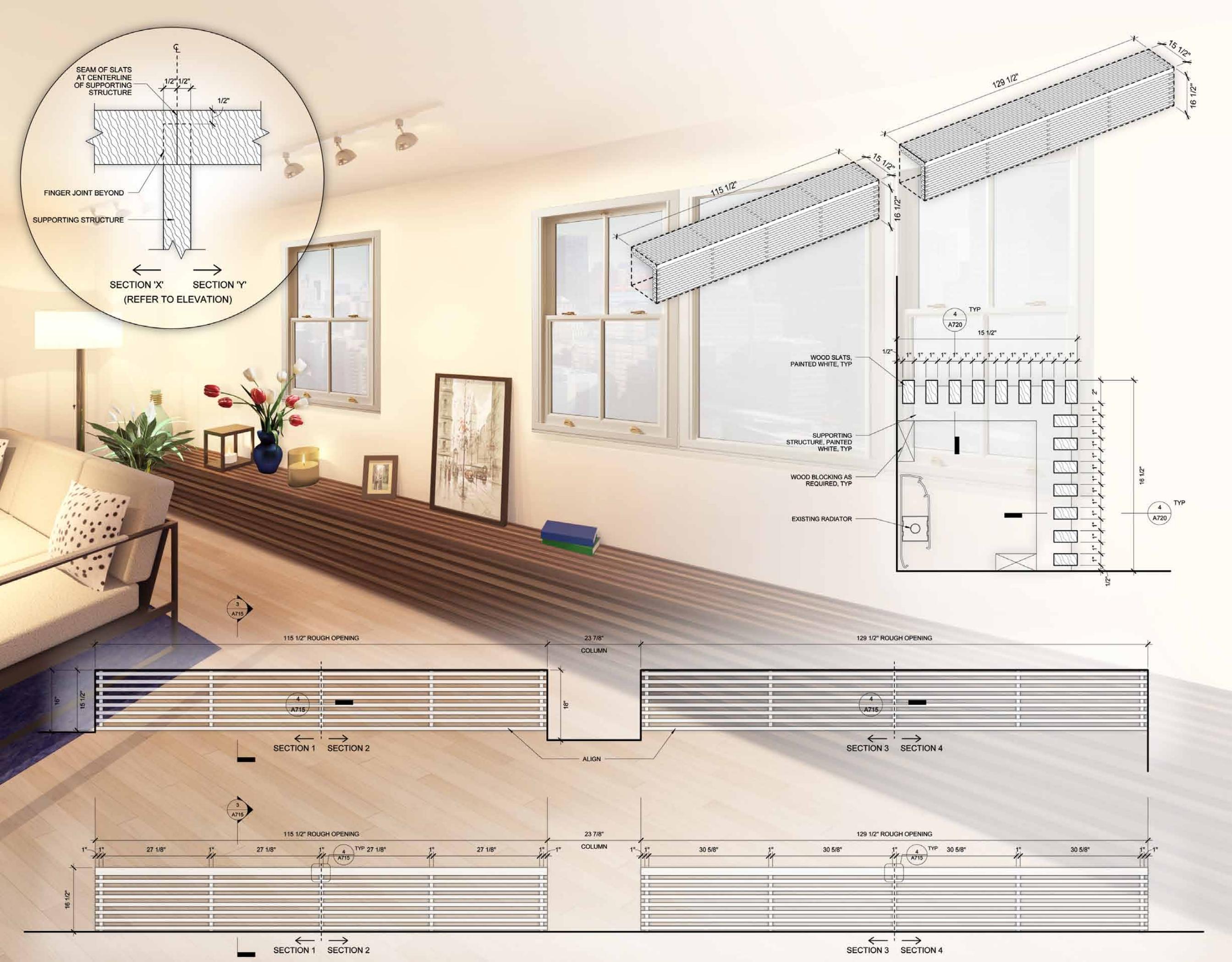
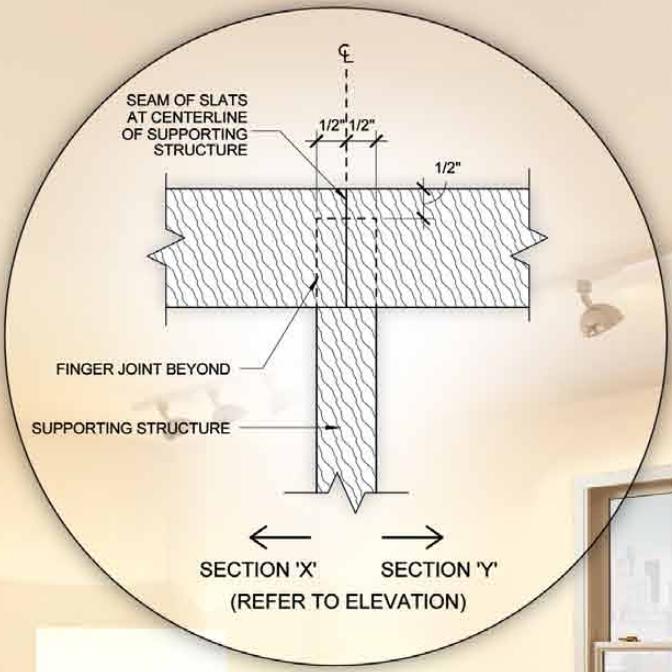




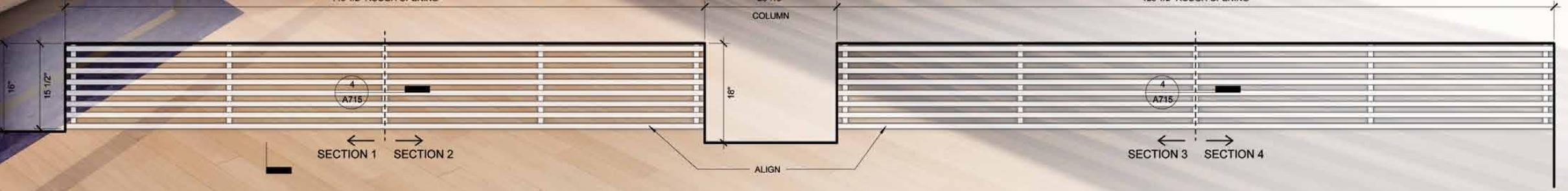




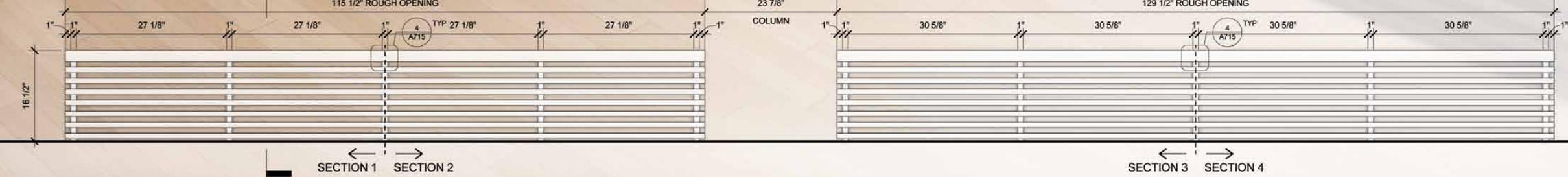


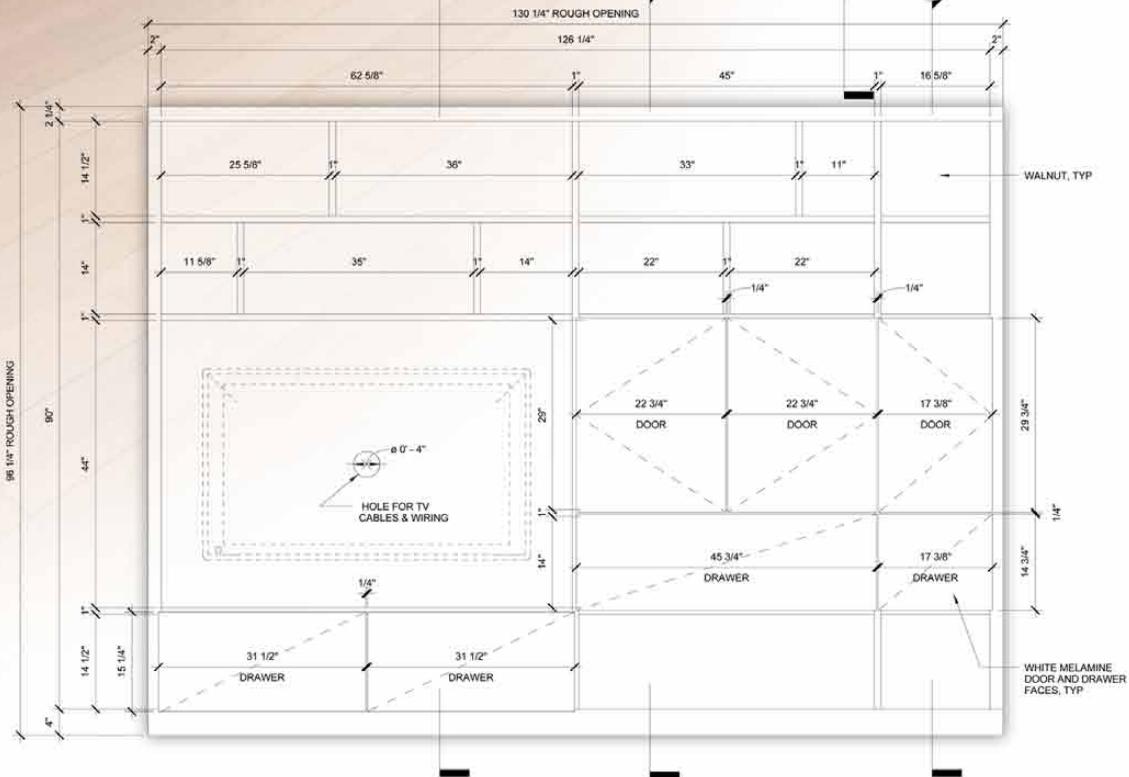
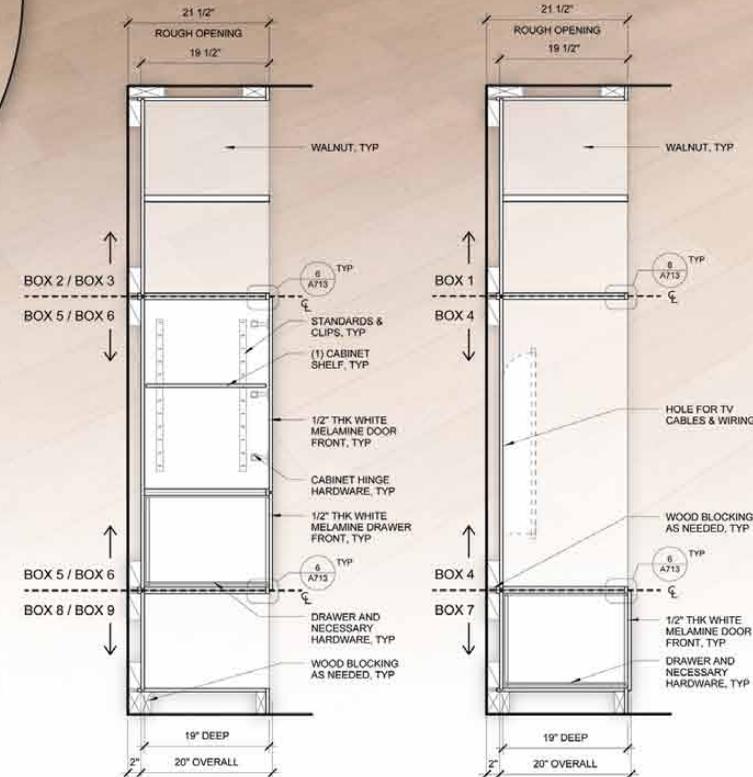
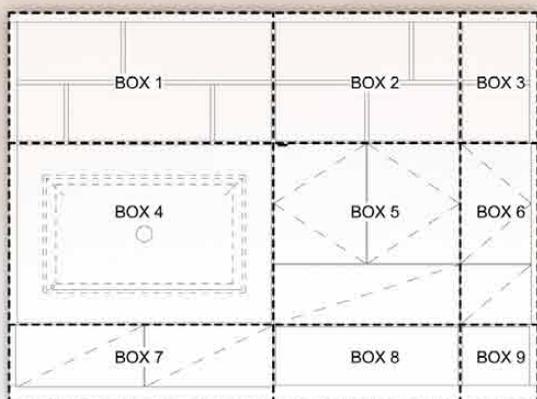
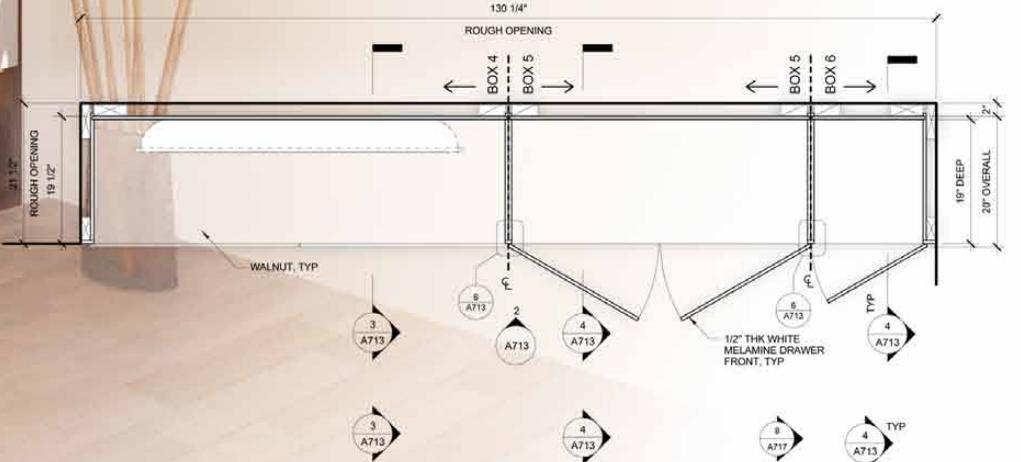
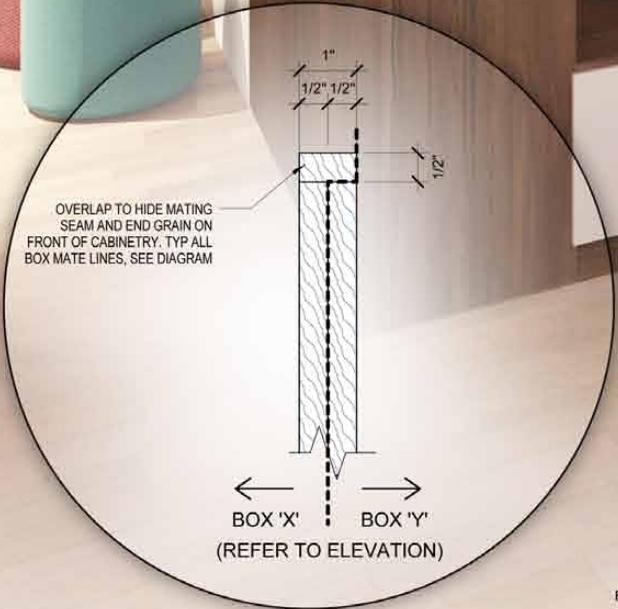
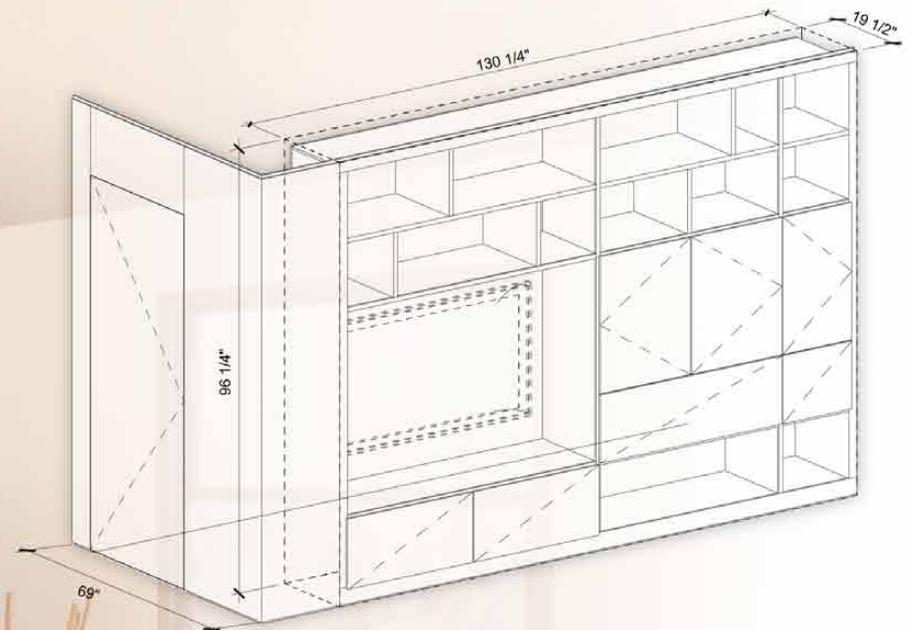


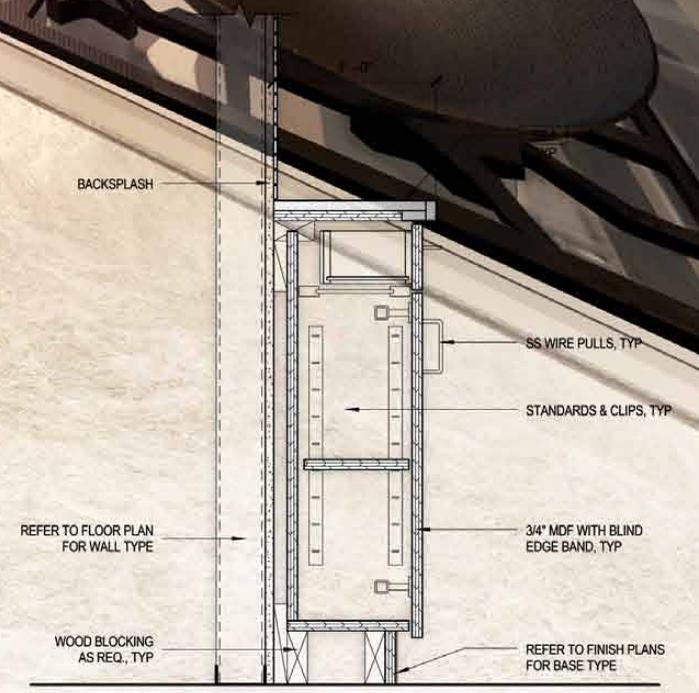
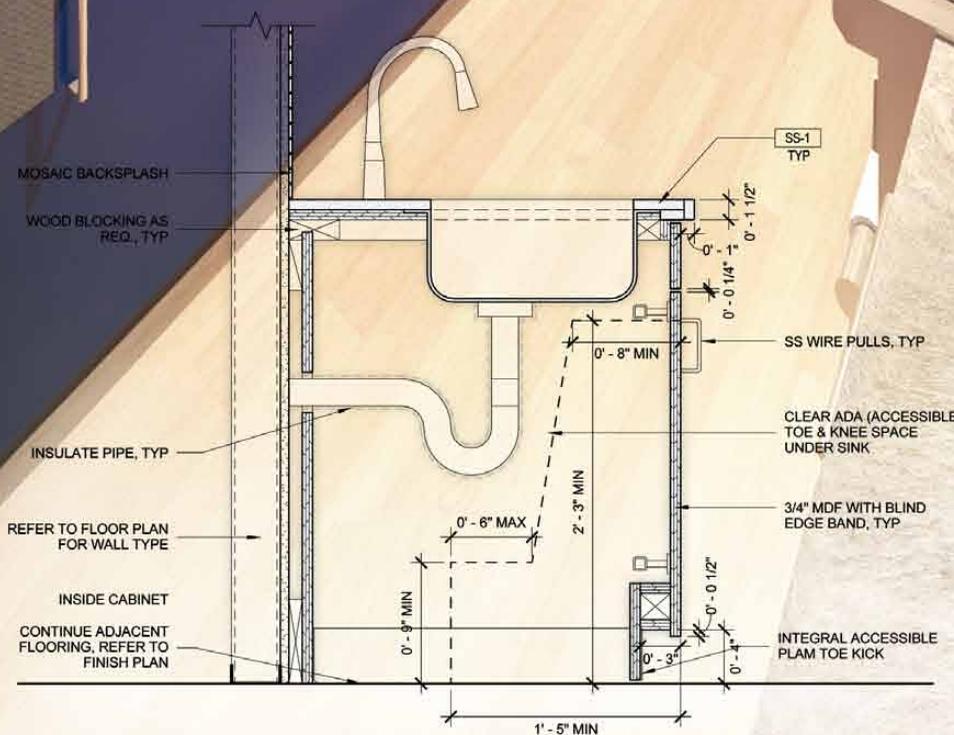
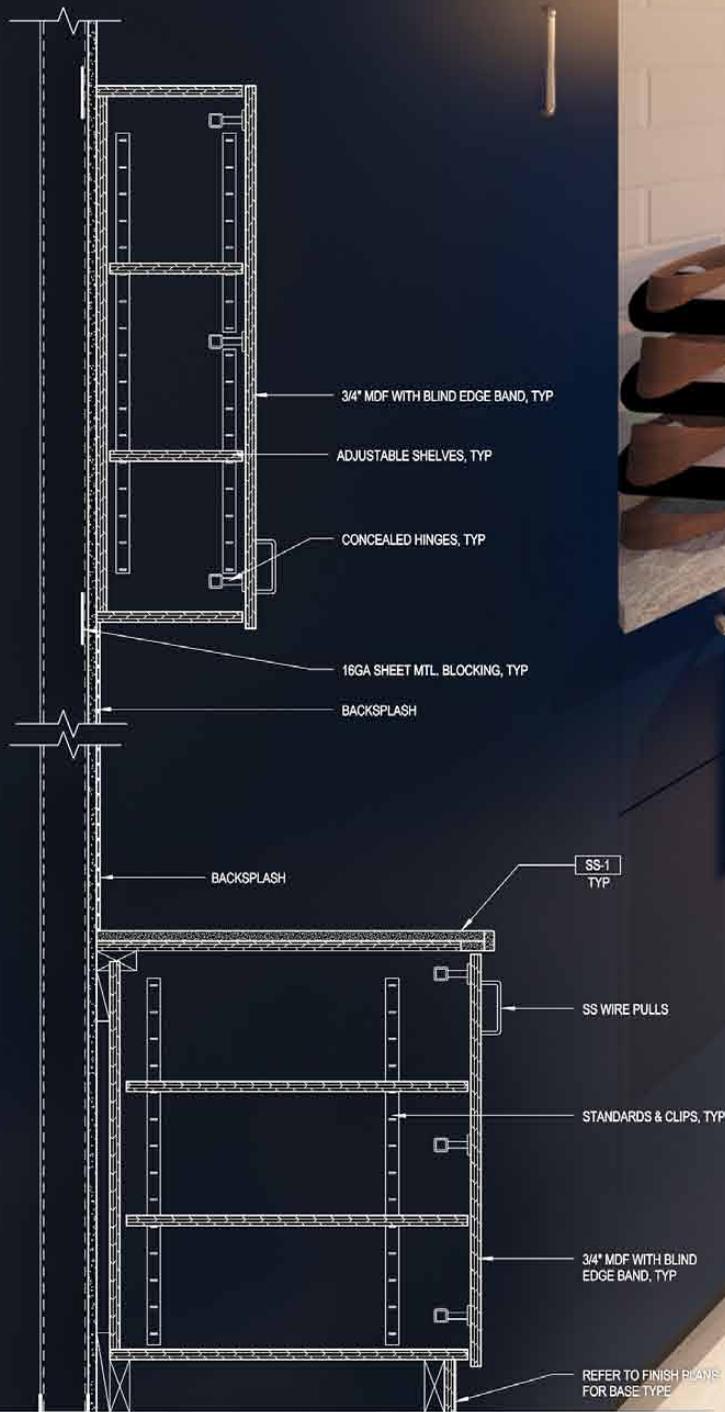
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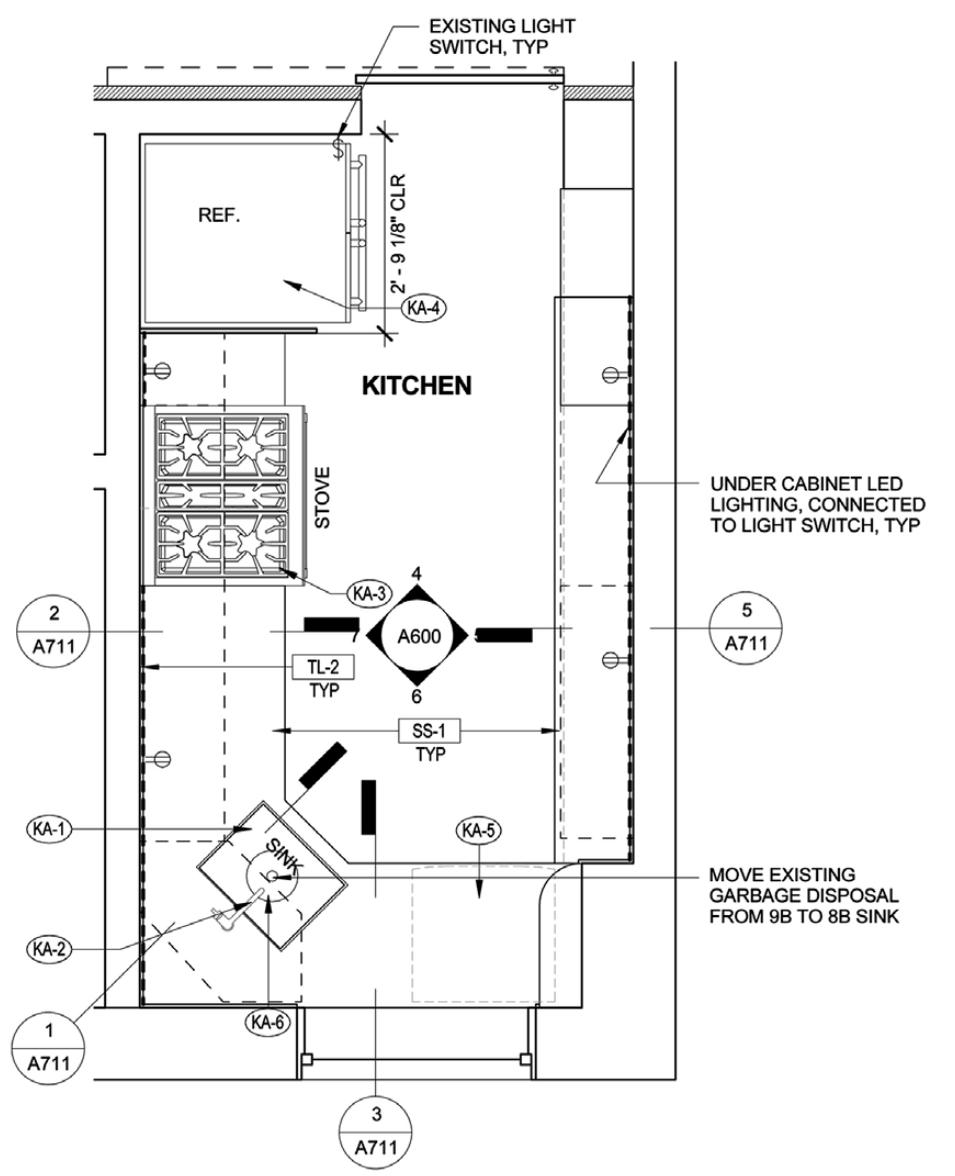
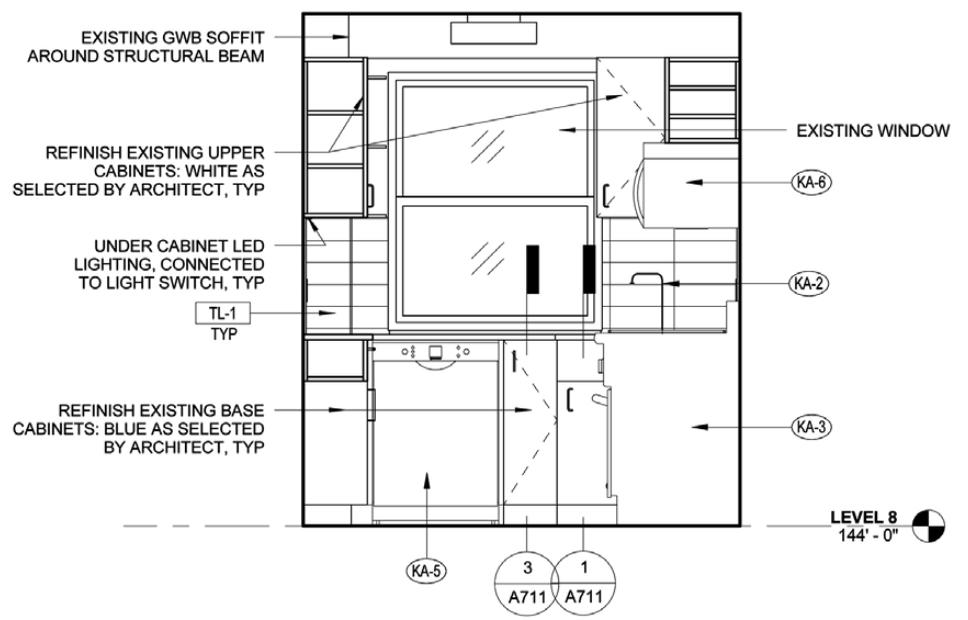
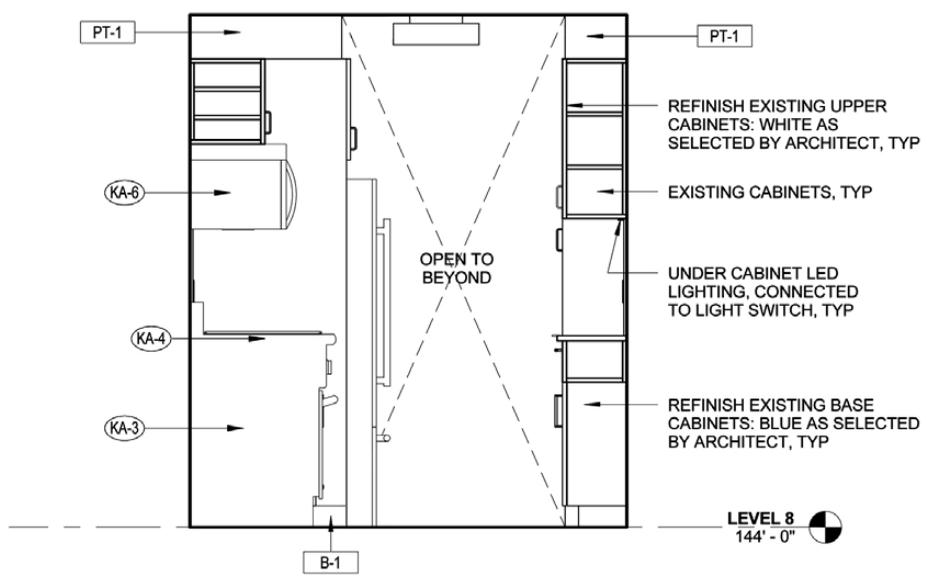
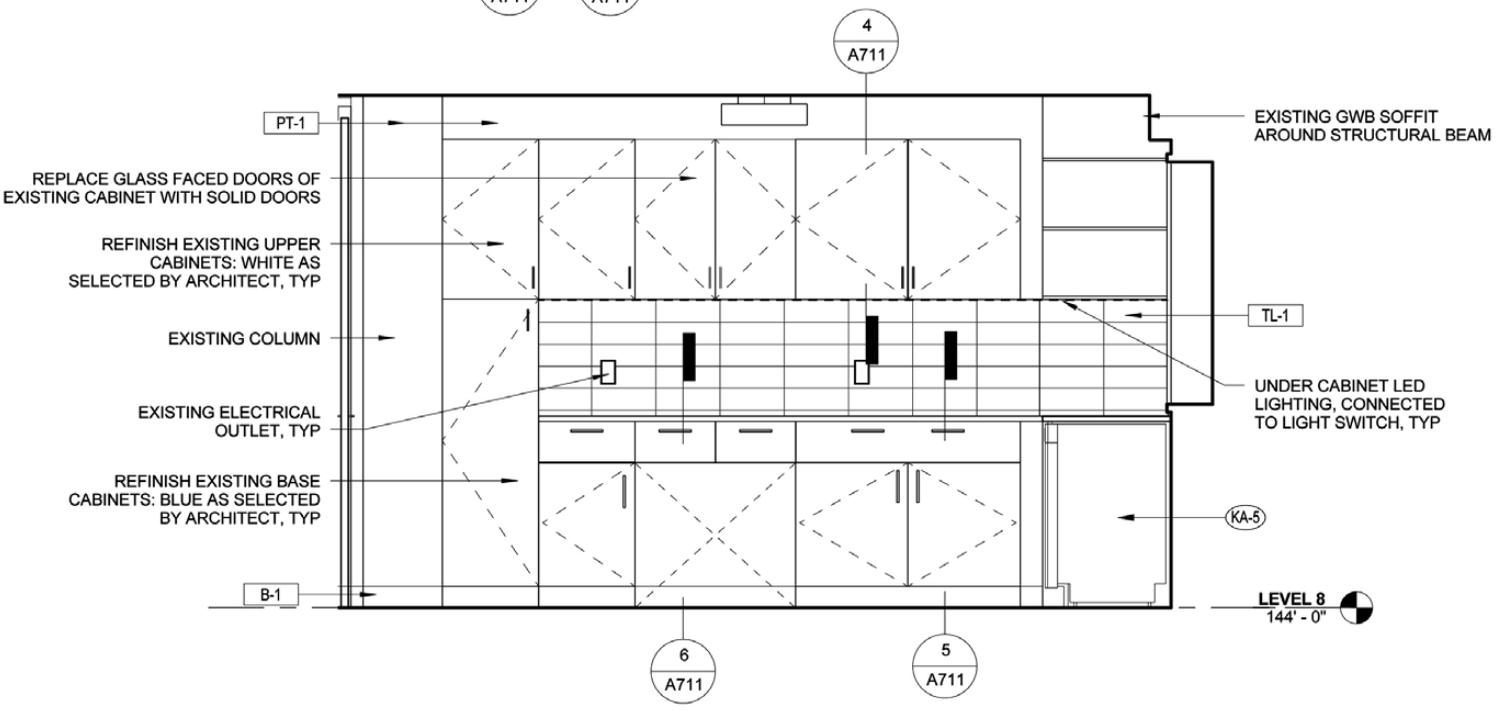
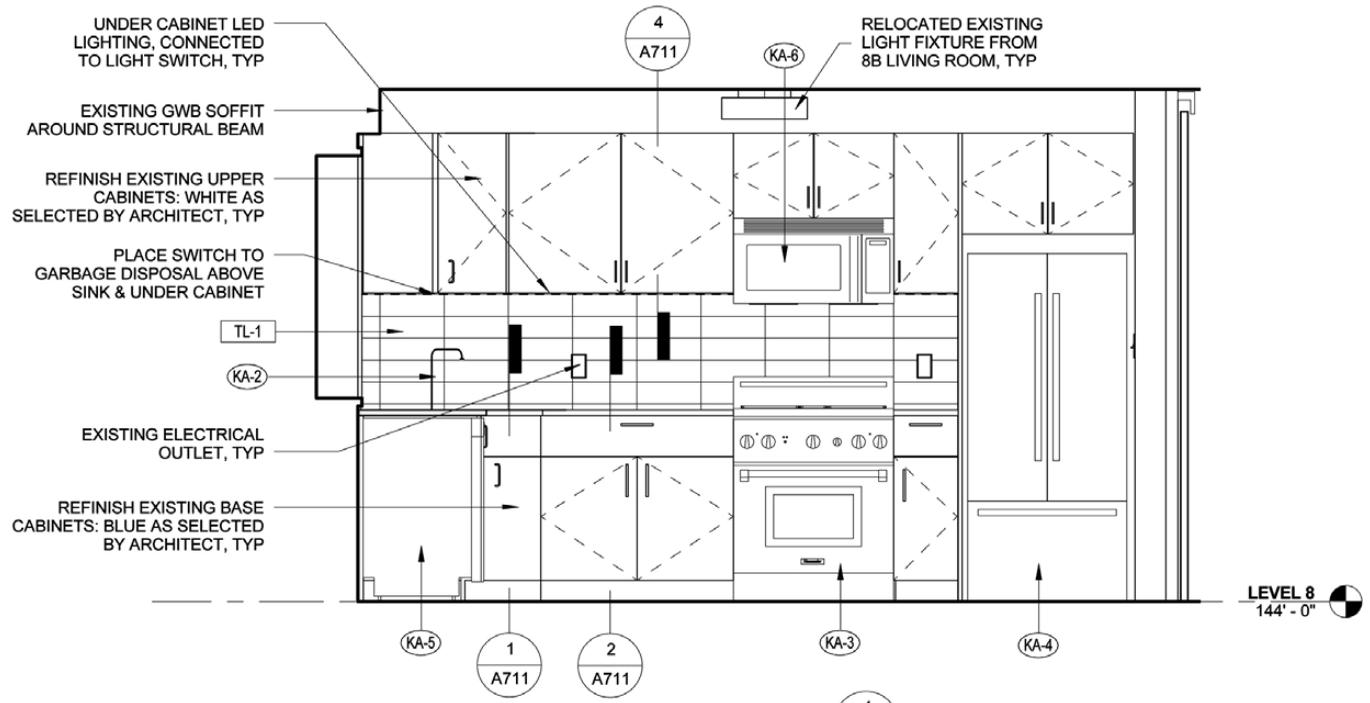


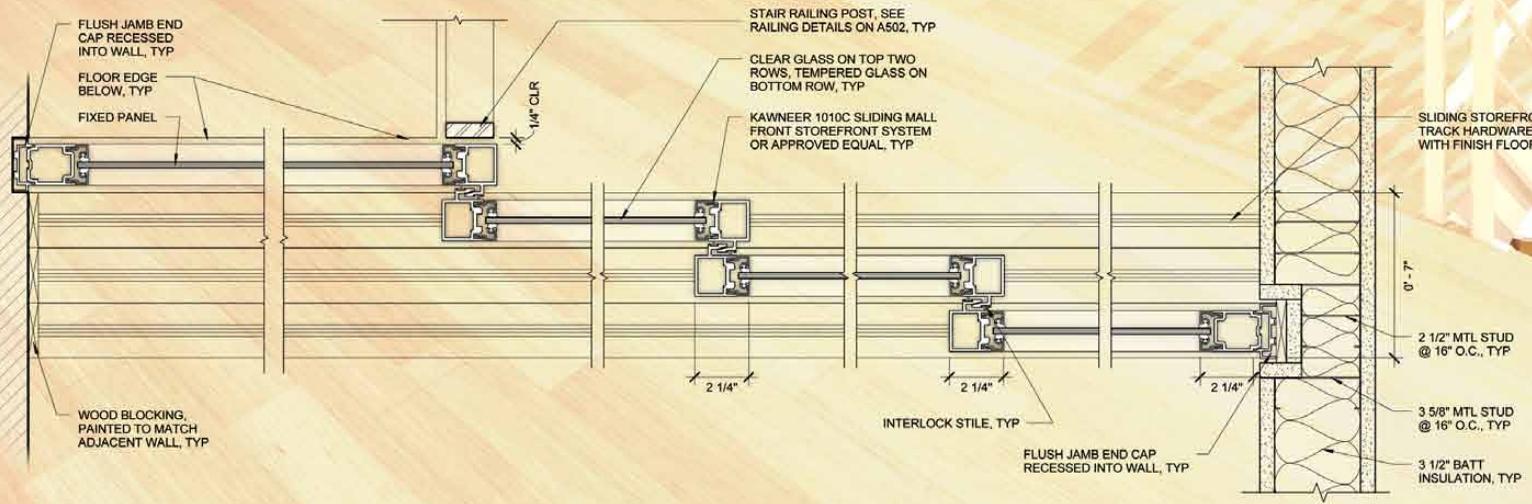
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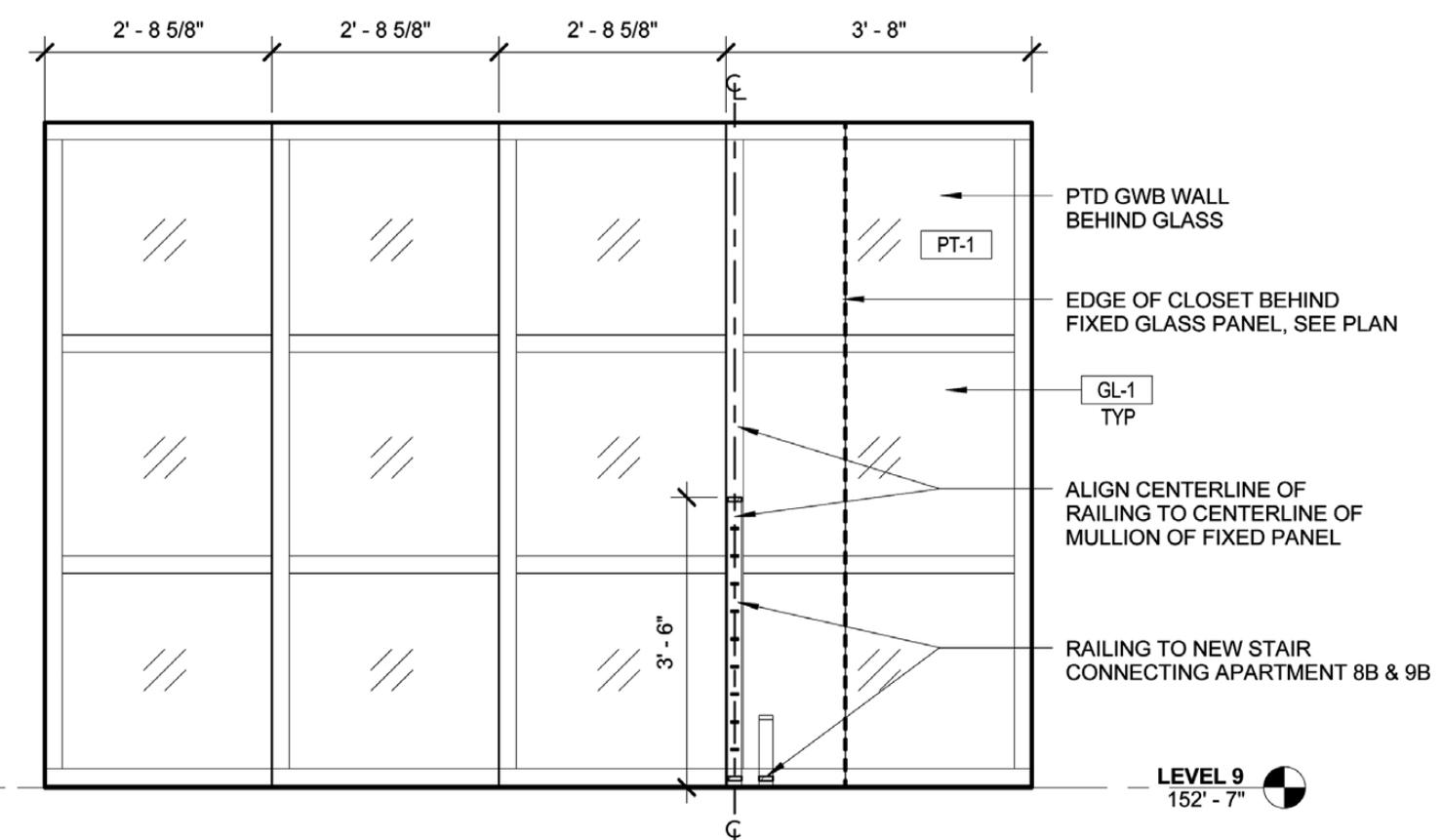
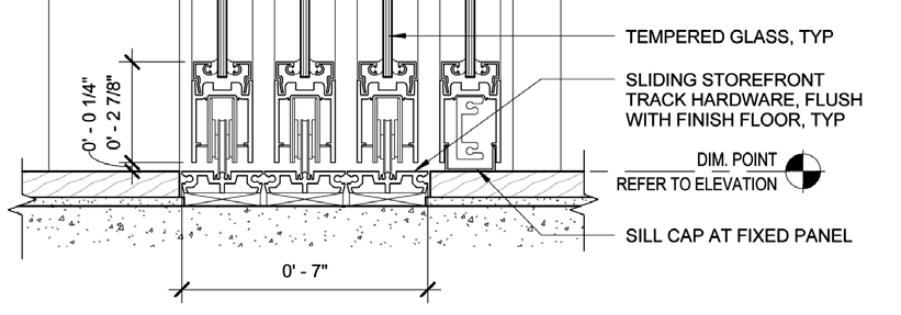
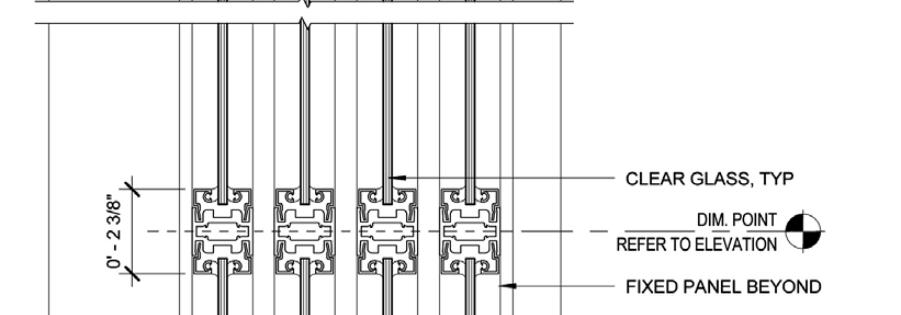
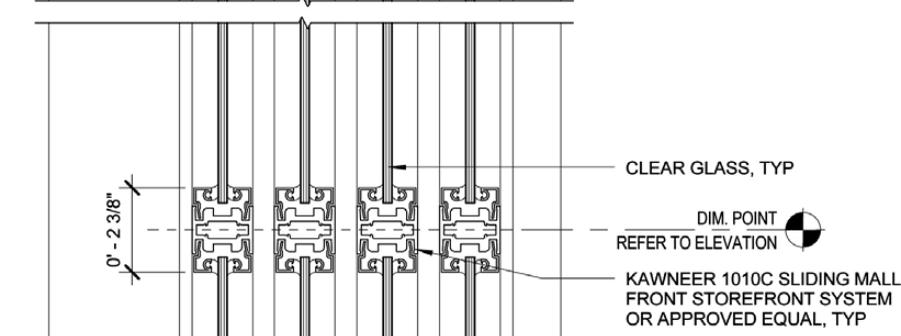
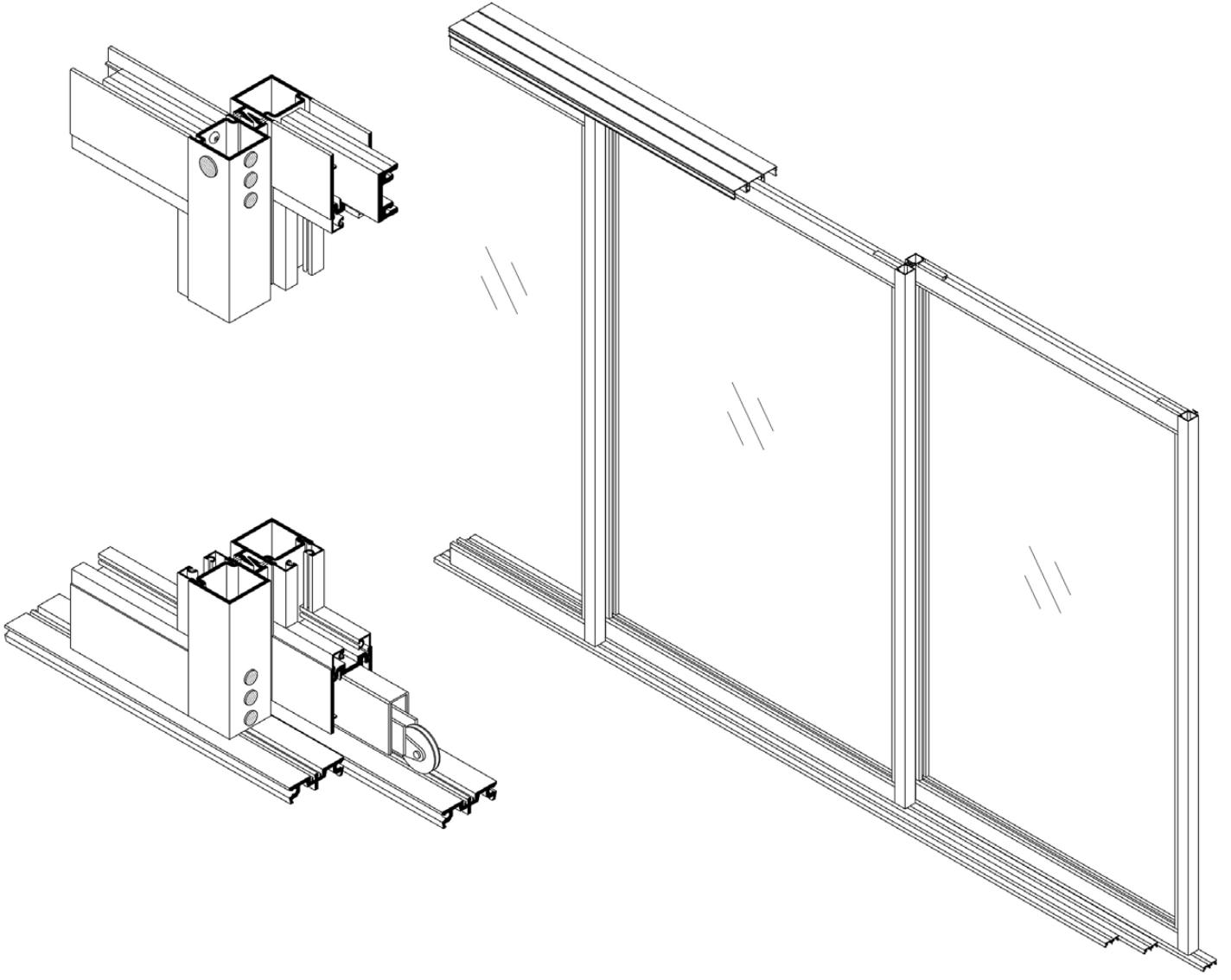
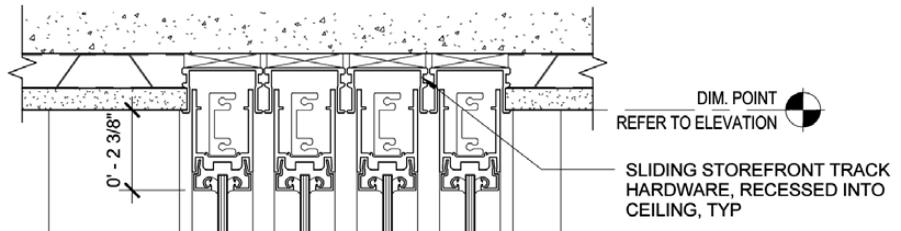


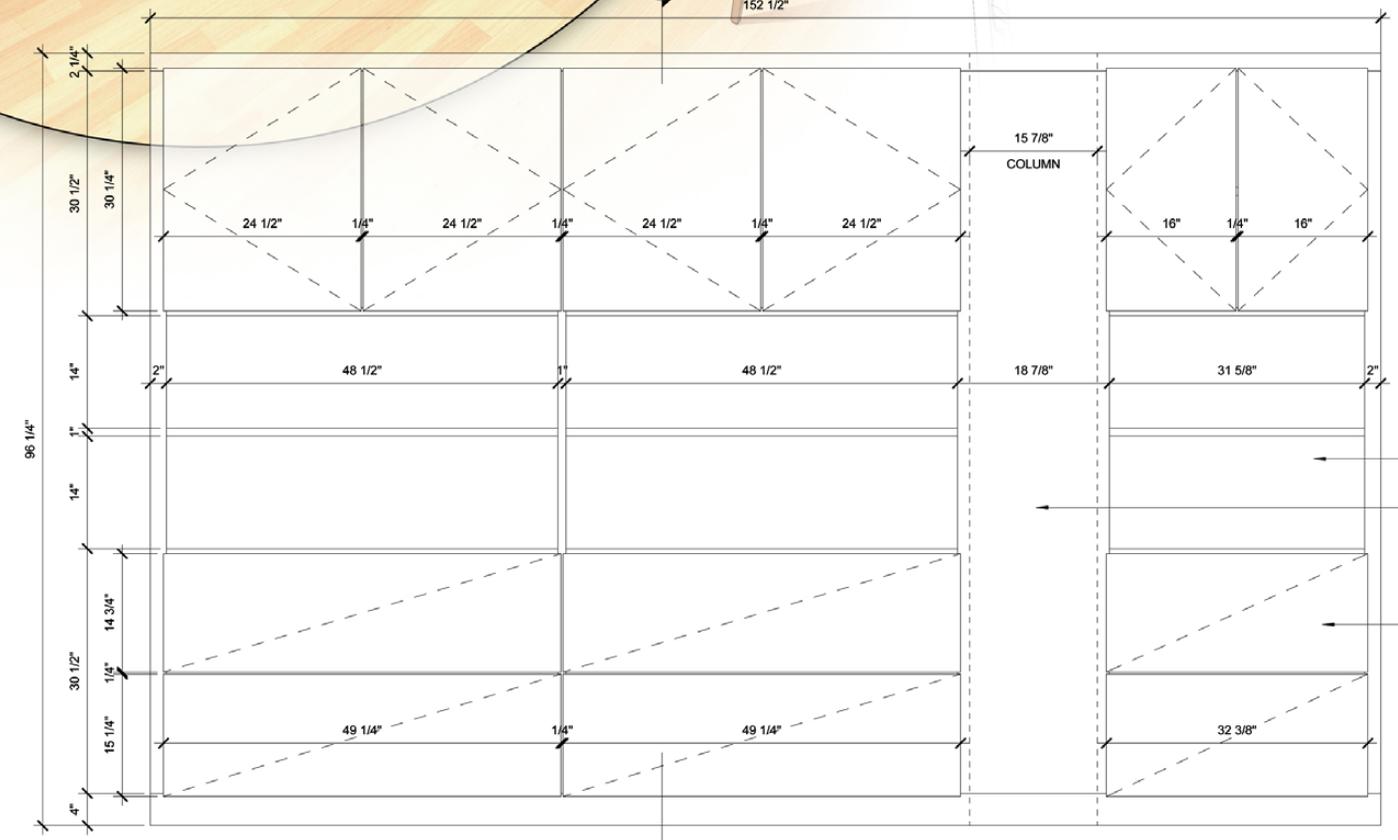
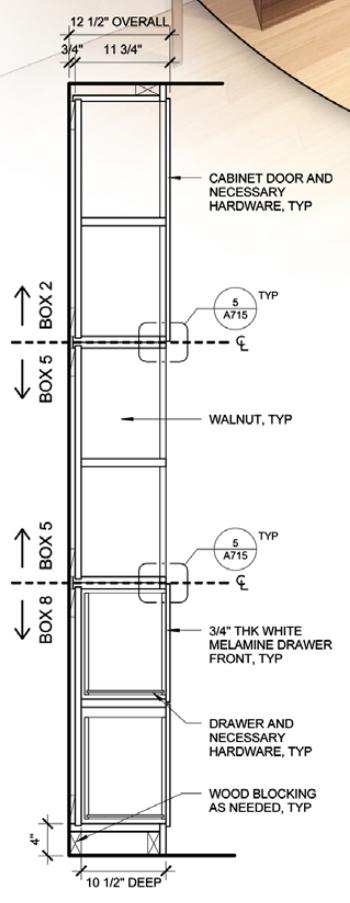
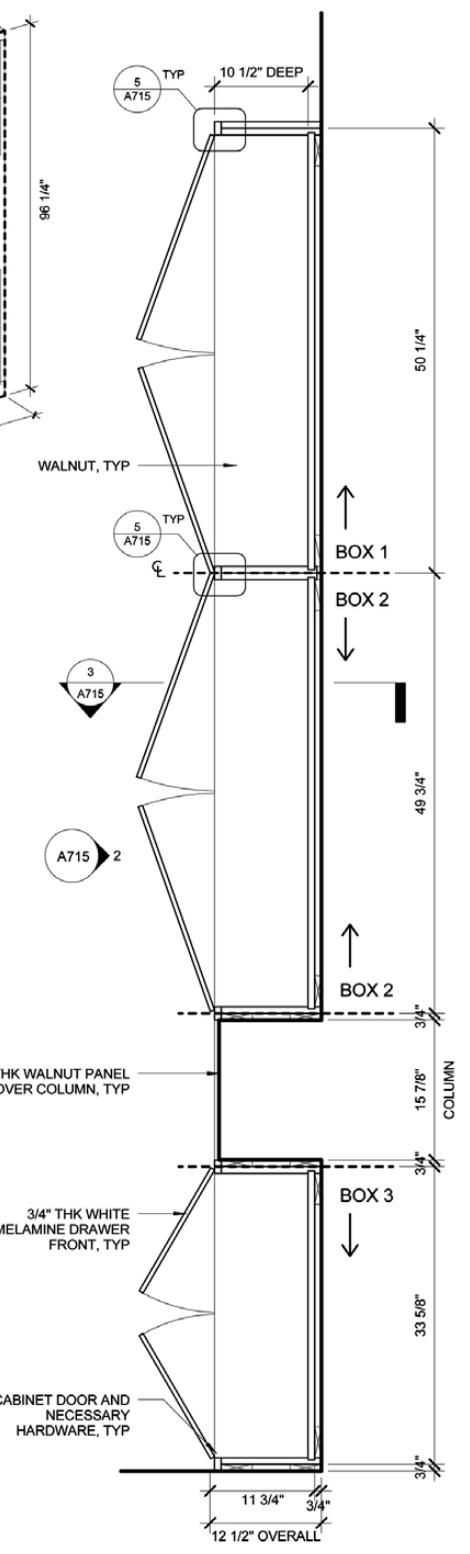
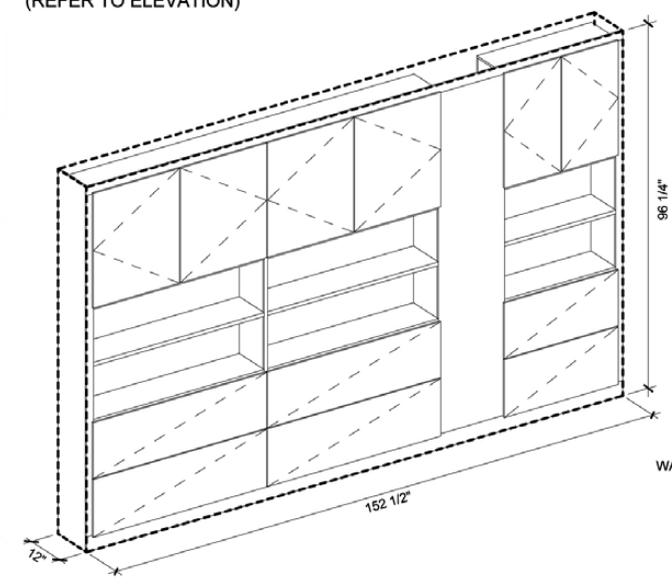
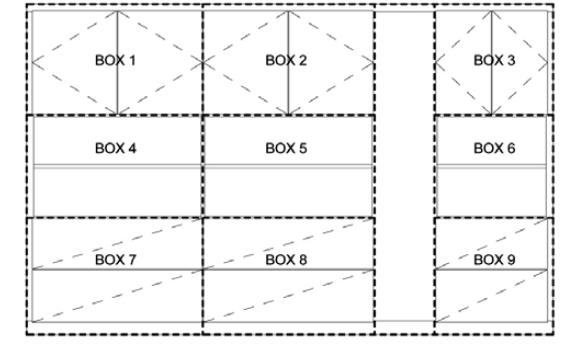
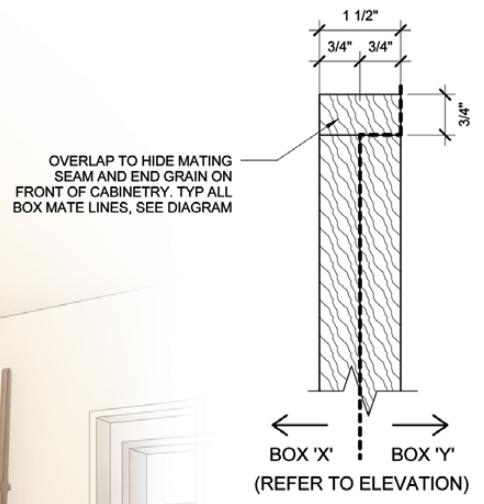


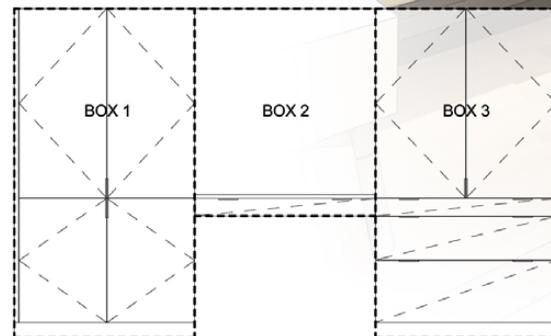
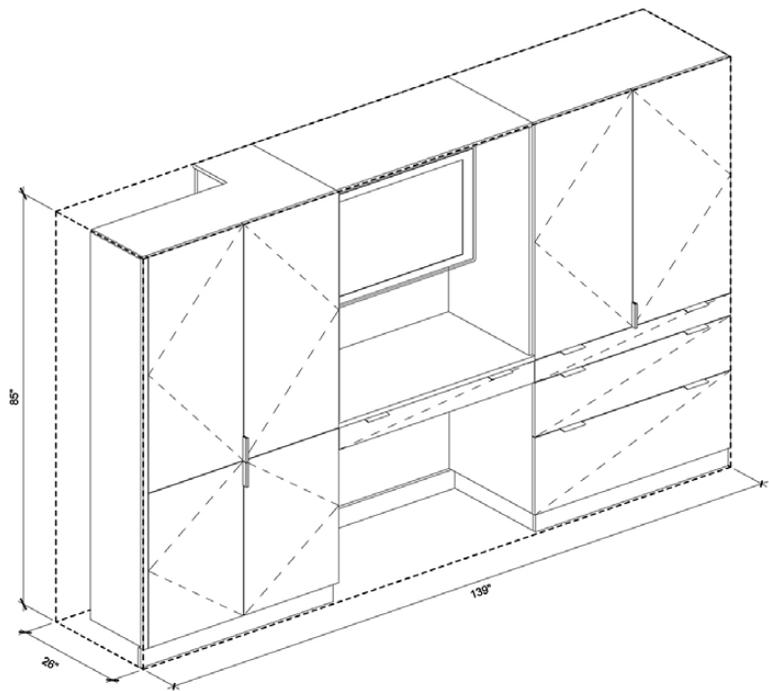
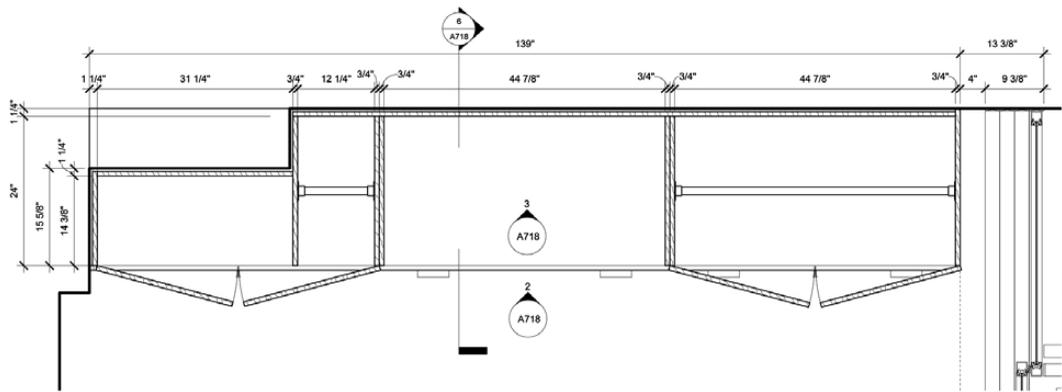
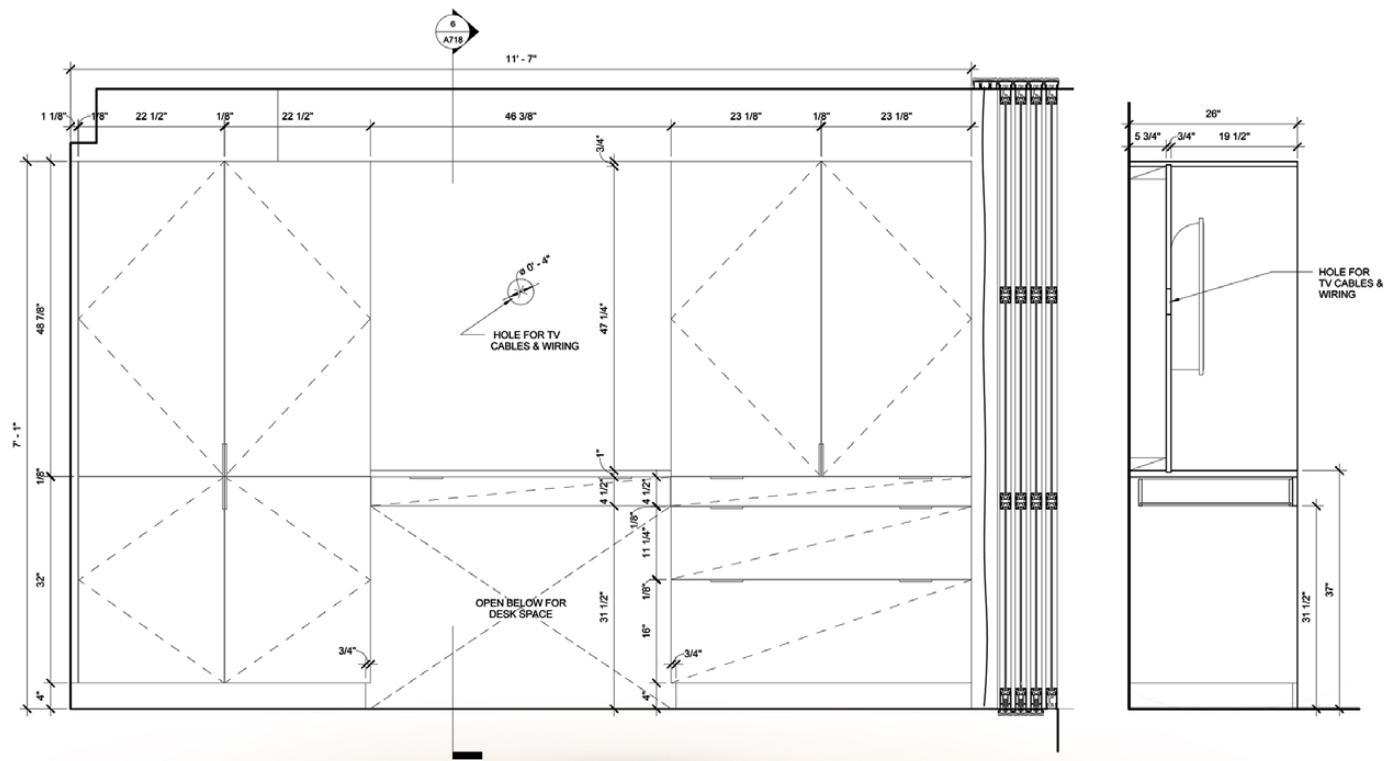
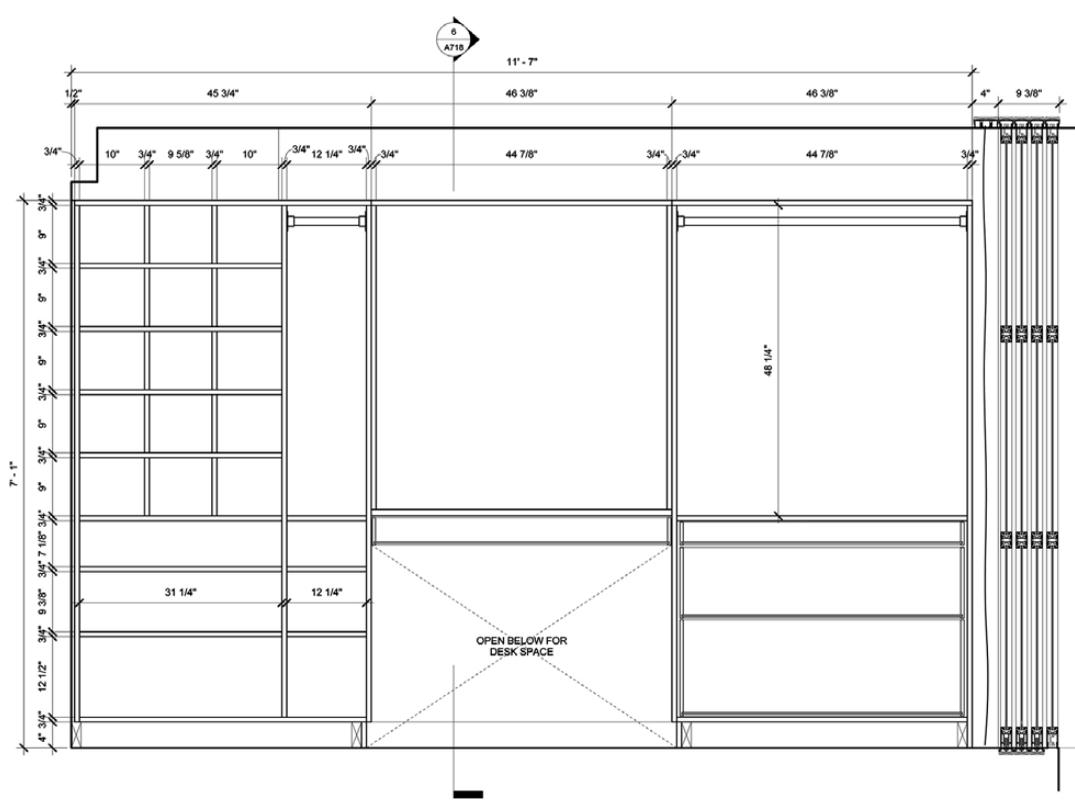




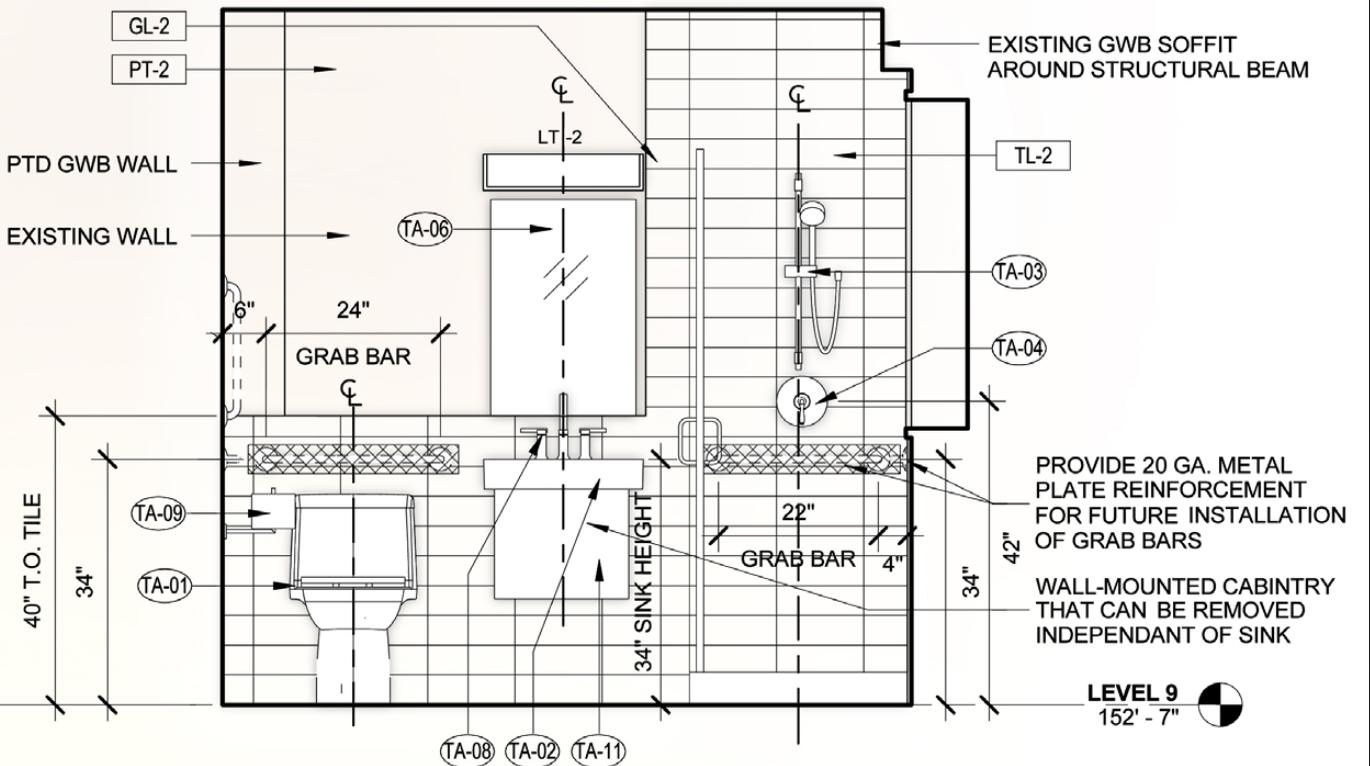
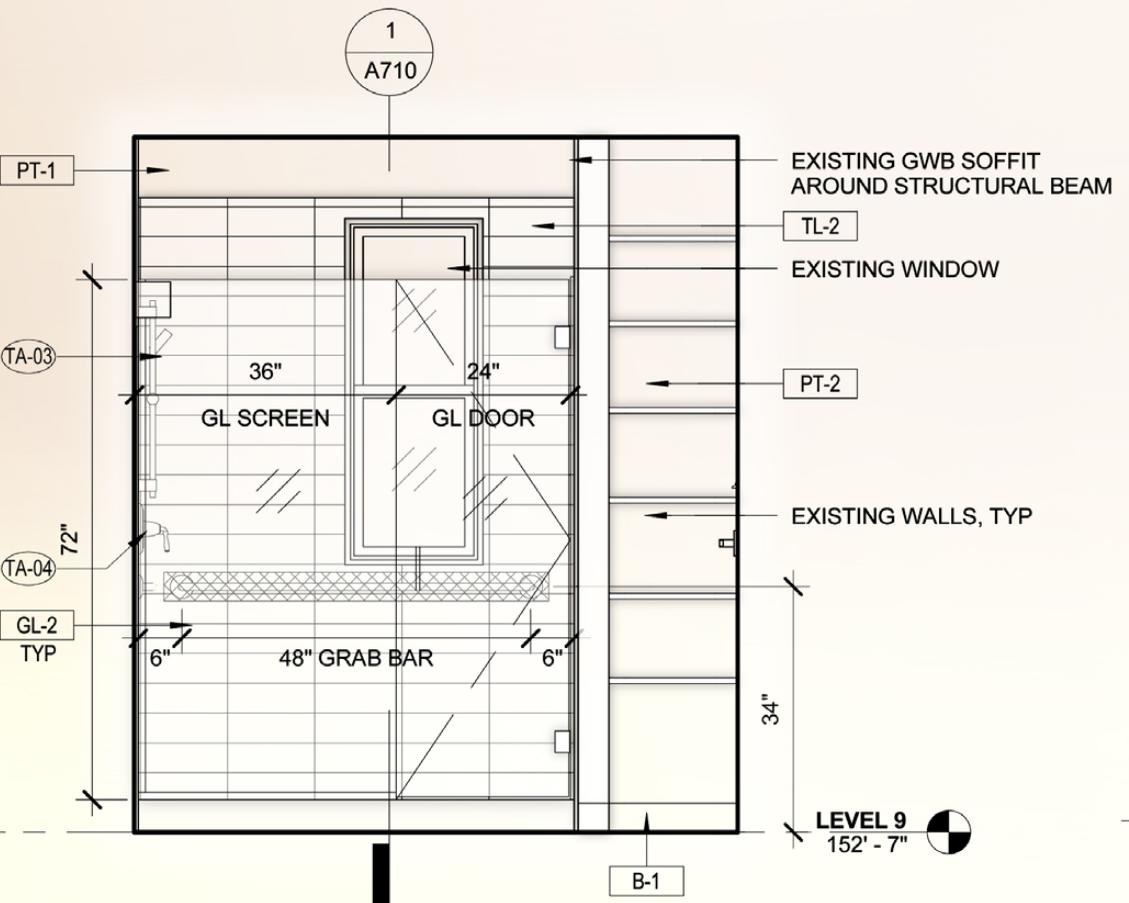
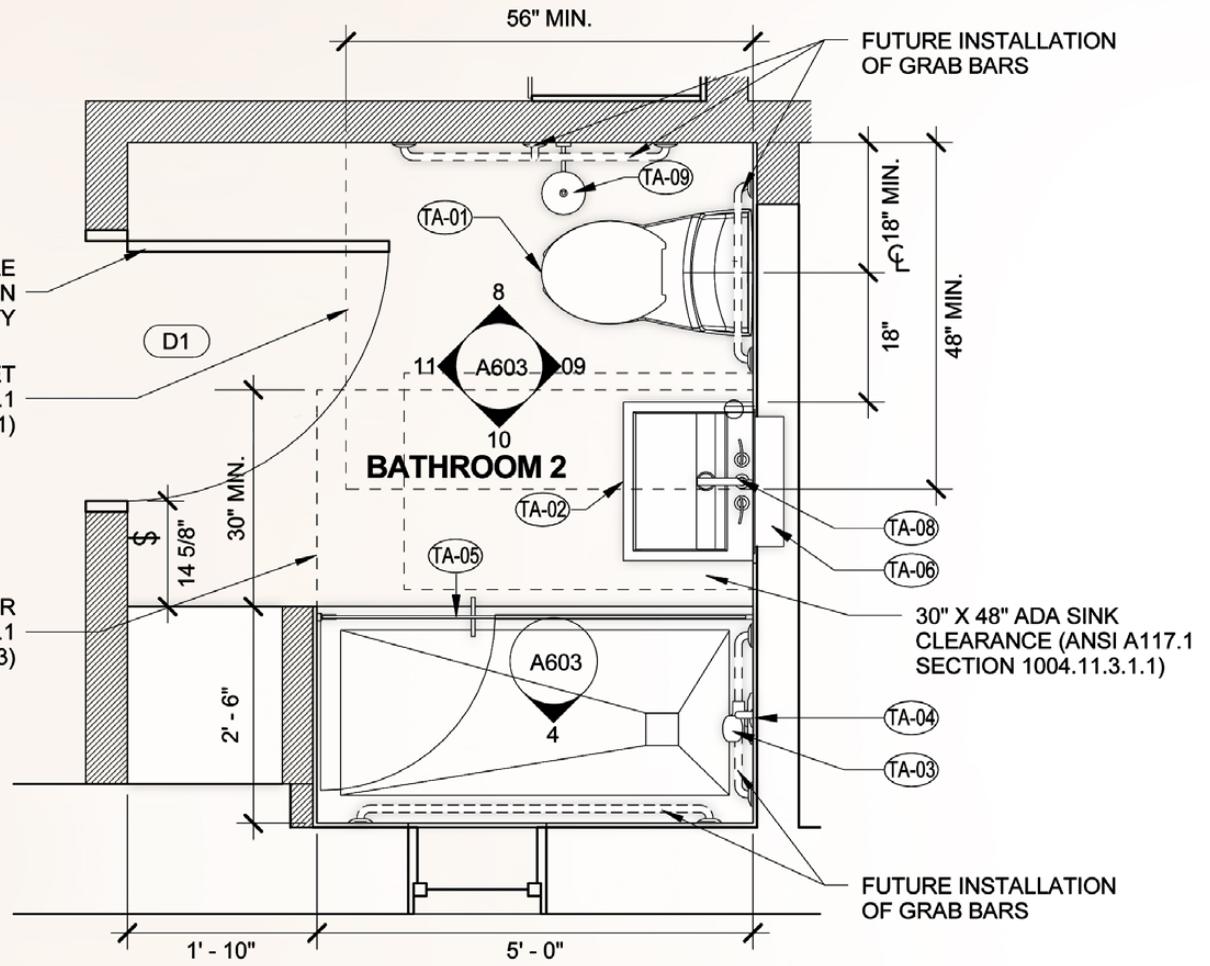
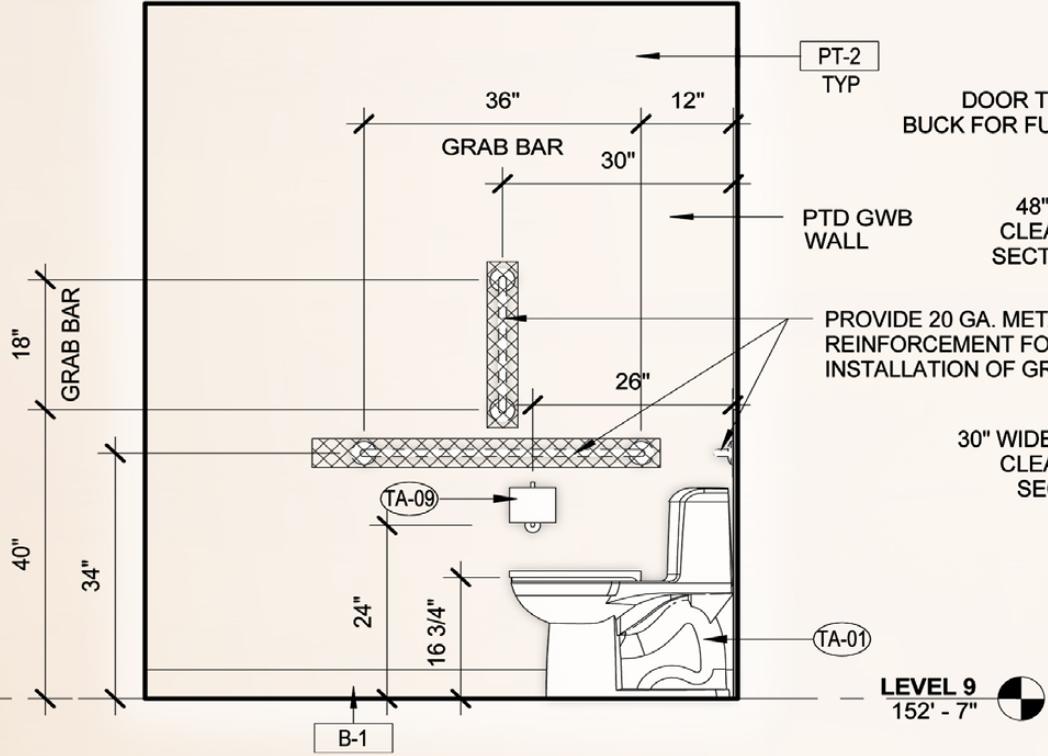


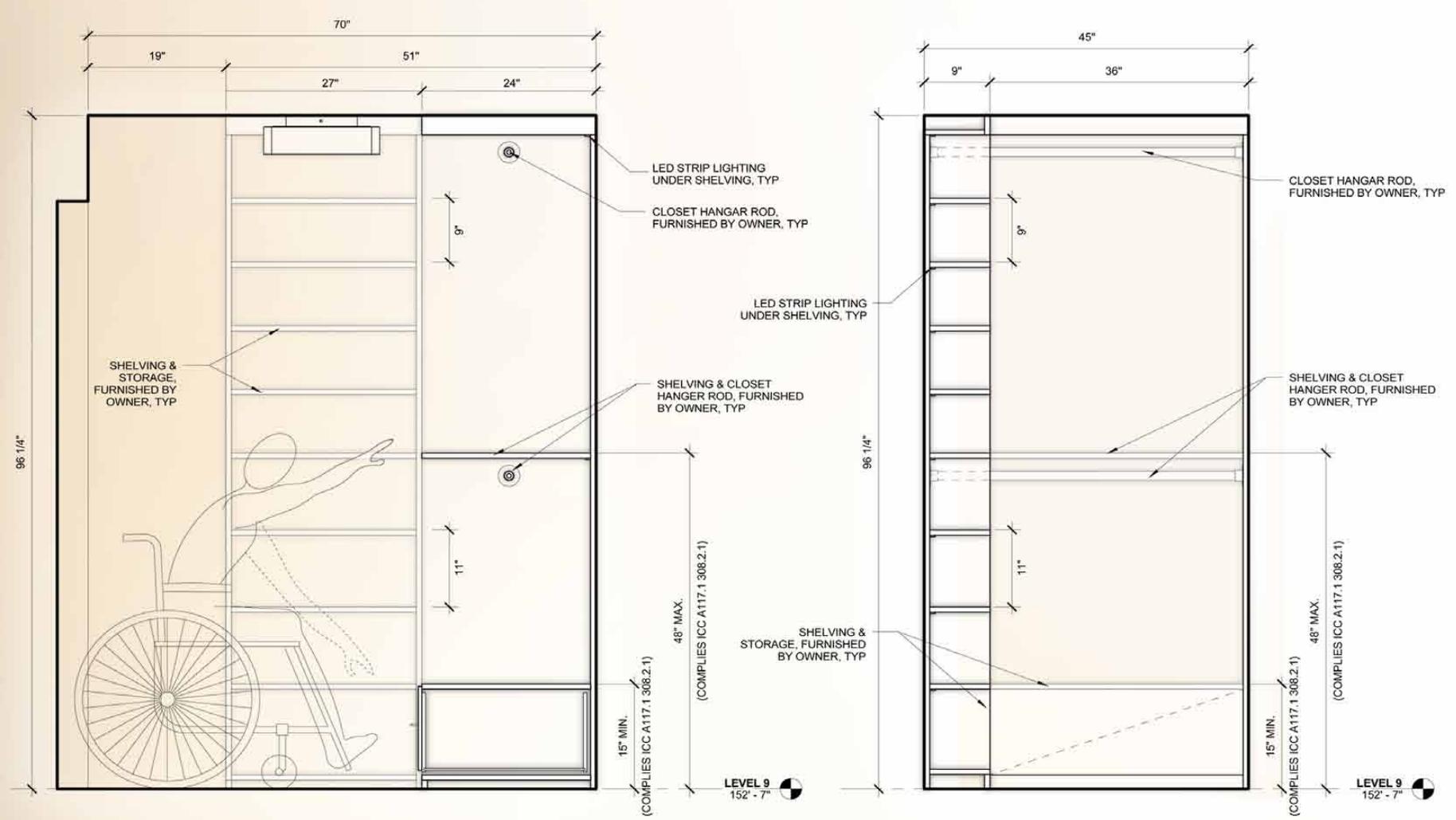
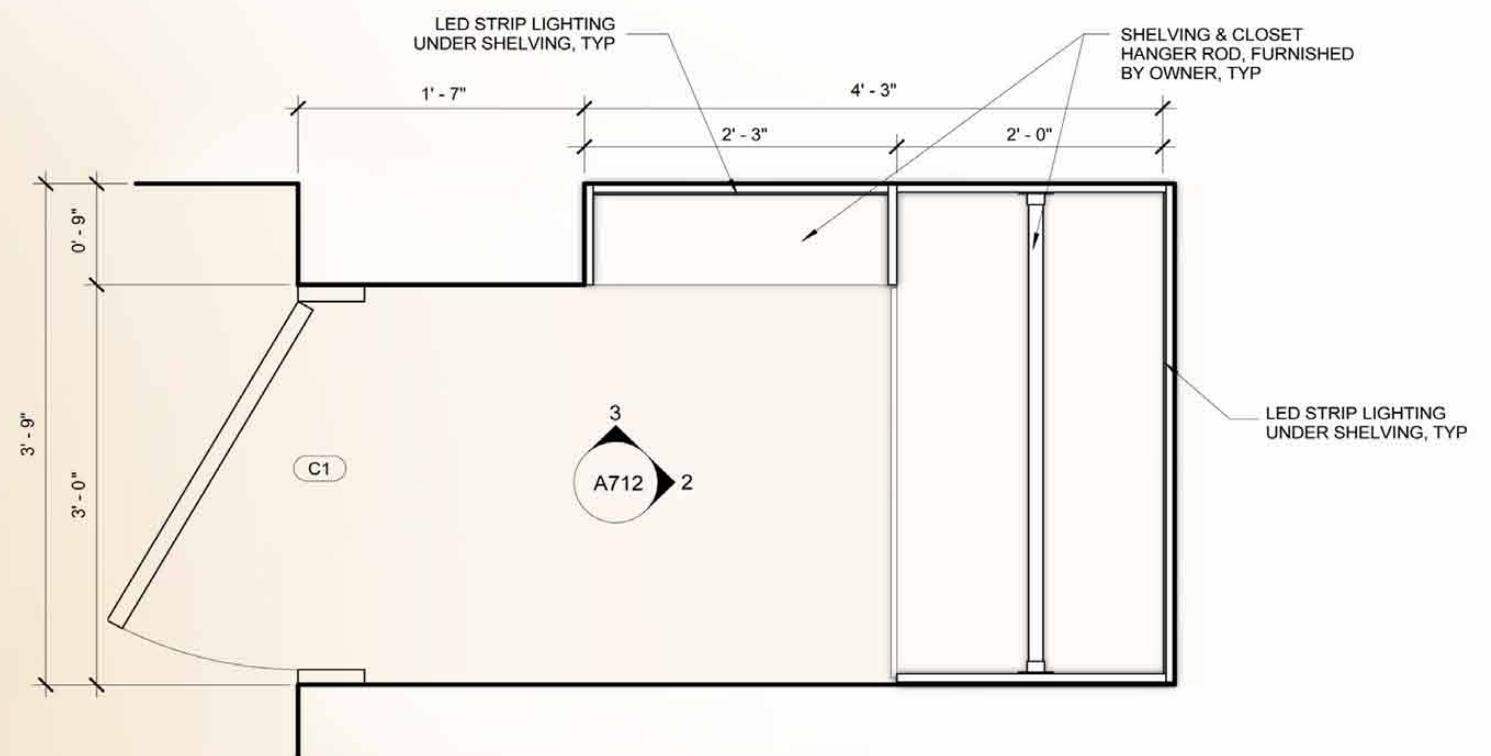


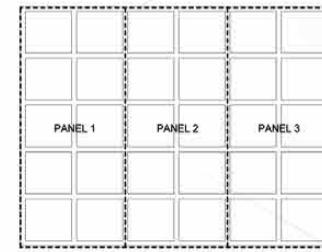
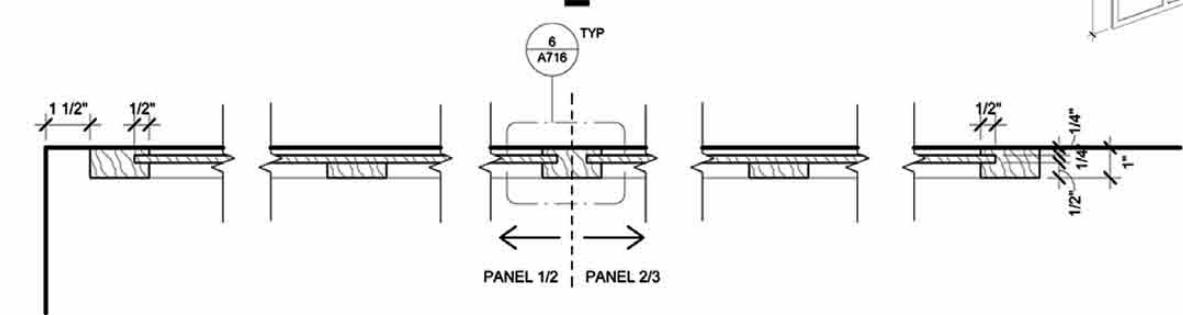
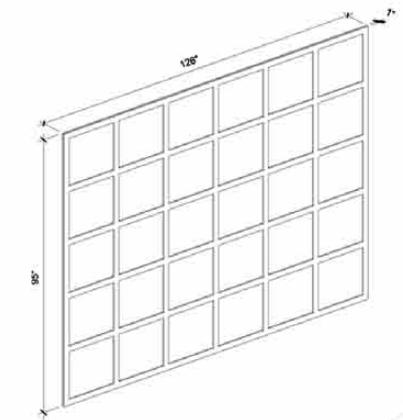
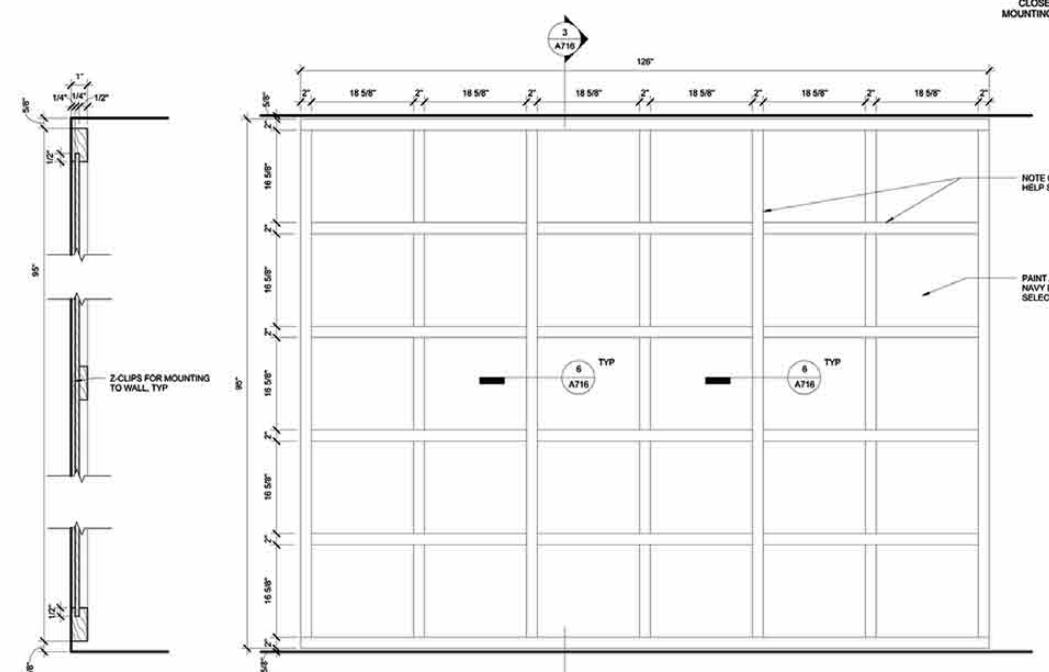
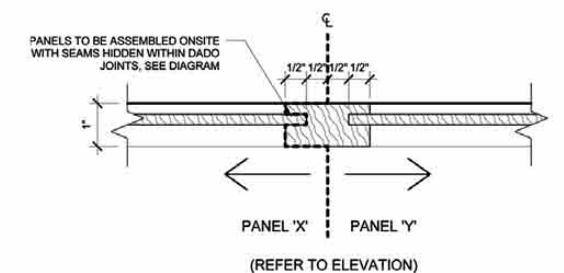
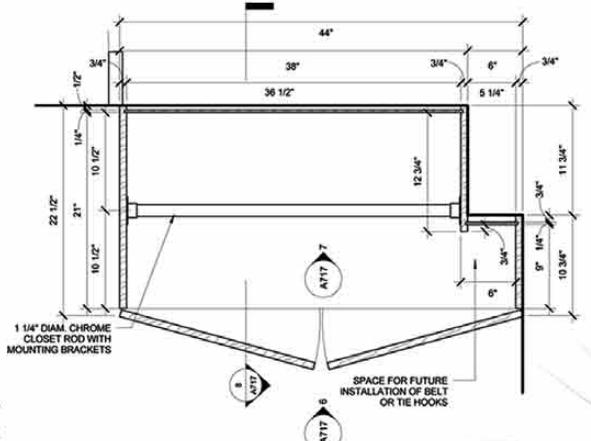
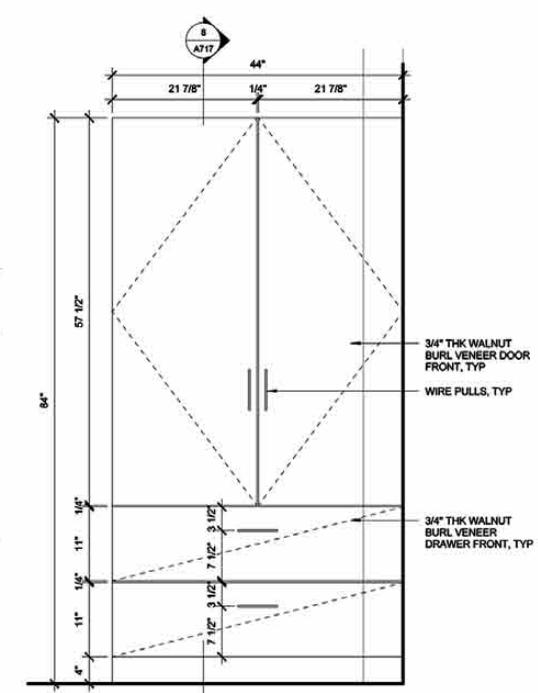
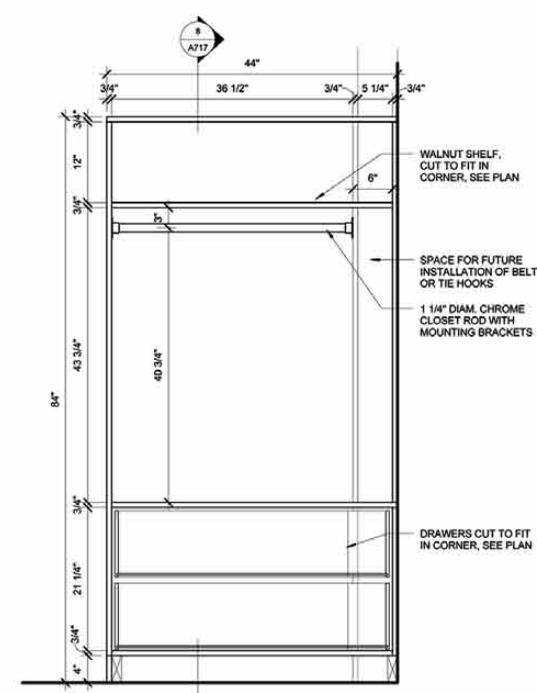
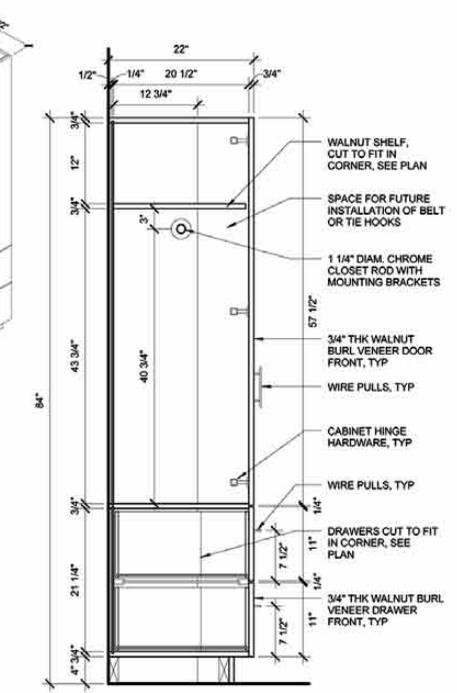












6

INWOOD DEVELOPMENT

MULTIFAMILY RESIDENTIAL / COMMUNITY FACILITY
INWOOD / NEW YORK, NY

Ai

CLIENT:

EPISCOPAL DIOCESE OF NEW YORK | HOLY TRINITY CHURCH OF INWOOD

Id

DEVELOPER:

RANGER PROPERTIES, LLC

Ps

PROJECT DESCRIPTION:

THIS MIXED-USE SEVEN-FLOOR RESIDENTIAL AND COMMUNITY FACILITY BUILDING IS LOCATED IN THE NEW INWOOD REZONING-BOUNDARY. THE PROPOSAL IS INTENDED TO REPLACE THE EXISTING HOLY TRINITY SANCTUARY AND THE MULTIPURPOSE DRILL HALL, WHICH IS THE HOME OF THE PIED PIPER CHILDREN'S THEATER, WITH A NEW FLEXIBLE SANCTUARY TO INCLUDE THE THEATER FUNCTIONS, ADMINISTRATIVE SPACES FOR THE CONGREGATION, AND RESIDENTIAL APARTMENTS ABOVE TO CREATE REVENUE FOR THE CHURCH.

VS

MA

AR

TR

PD

WITH THIS UNIQUE MIXED-USE PROGRAM, THIS BUILDING WAS ABLE TO MAXIMIZE TO THE ALLOWED SQUARE FOOTAGE REGULATED BY ZONING HEIGHT, AREA, SETBACKS, SKY EXPOSURE PLANE, AND PARKING REQUIREMENTS, WHILE CREATING A MODERN DESIGN THAT DISTINCTLY SEPARATES THE RESIDENTIAL FUNCTIONS FROM THE RELIGIOUS ONES.

SD

DD

CD

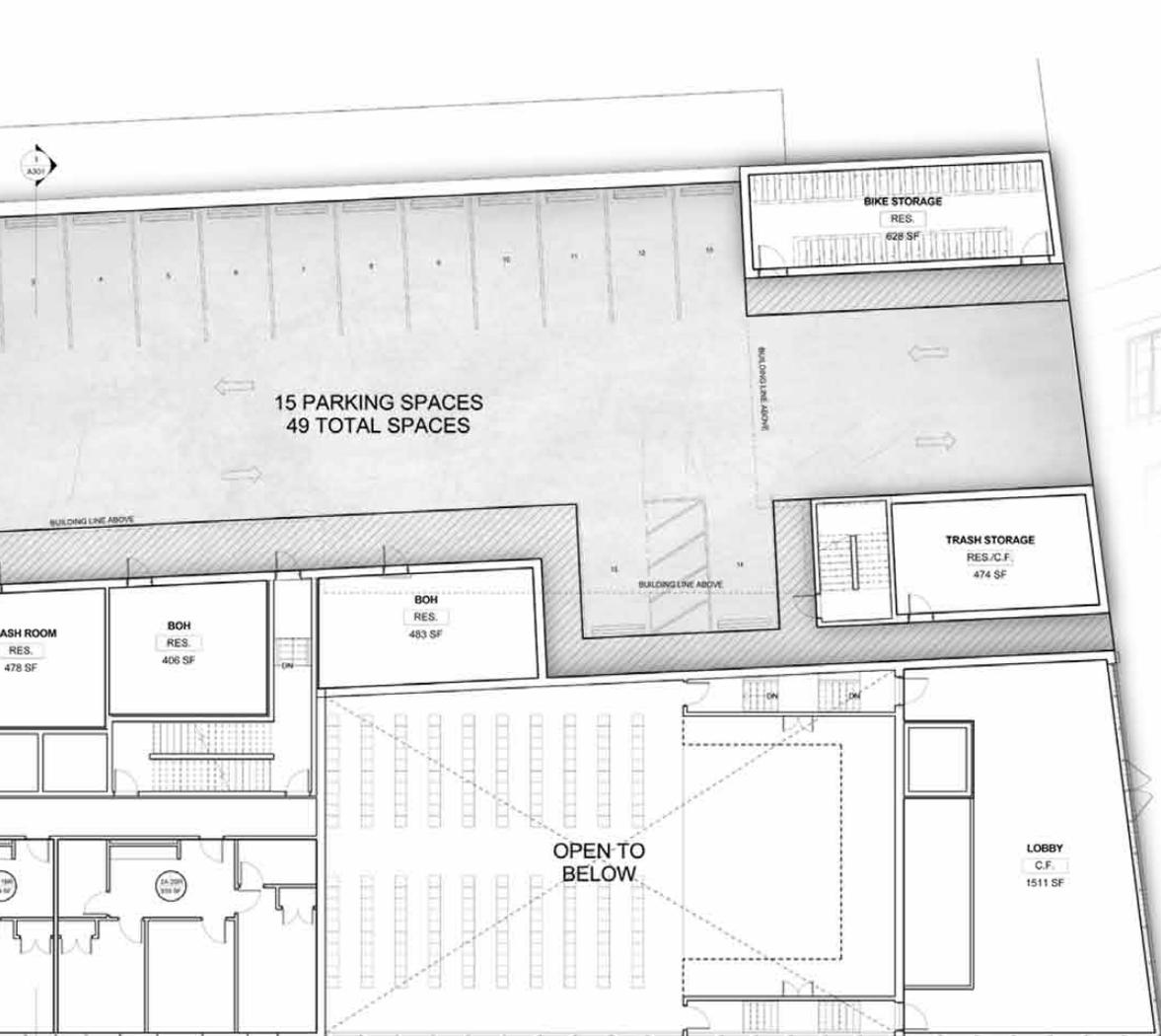
CA

ROLE:

DESIGNER / FINAL PRODUCTION







SKY EXPOSURE PLANE 2.7-1
AS PER ZR24-522

20'-0"
NARROW STREET
INITIAL SETBACK
AS PER ZR 24-522

SKY EXPOSURE PLANE 5.6-1
AS PER ZR24-522

15'-0"
WIDE STREET
INITIAL SETBACK
AS PER ZR 24-522
80'-0"
TOTAL HEIGHT

CUMMING STREET
(NARROW STREET)

SEAMAN AVENUE
(WIDE STREET)

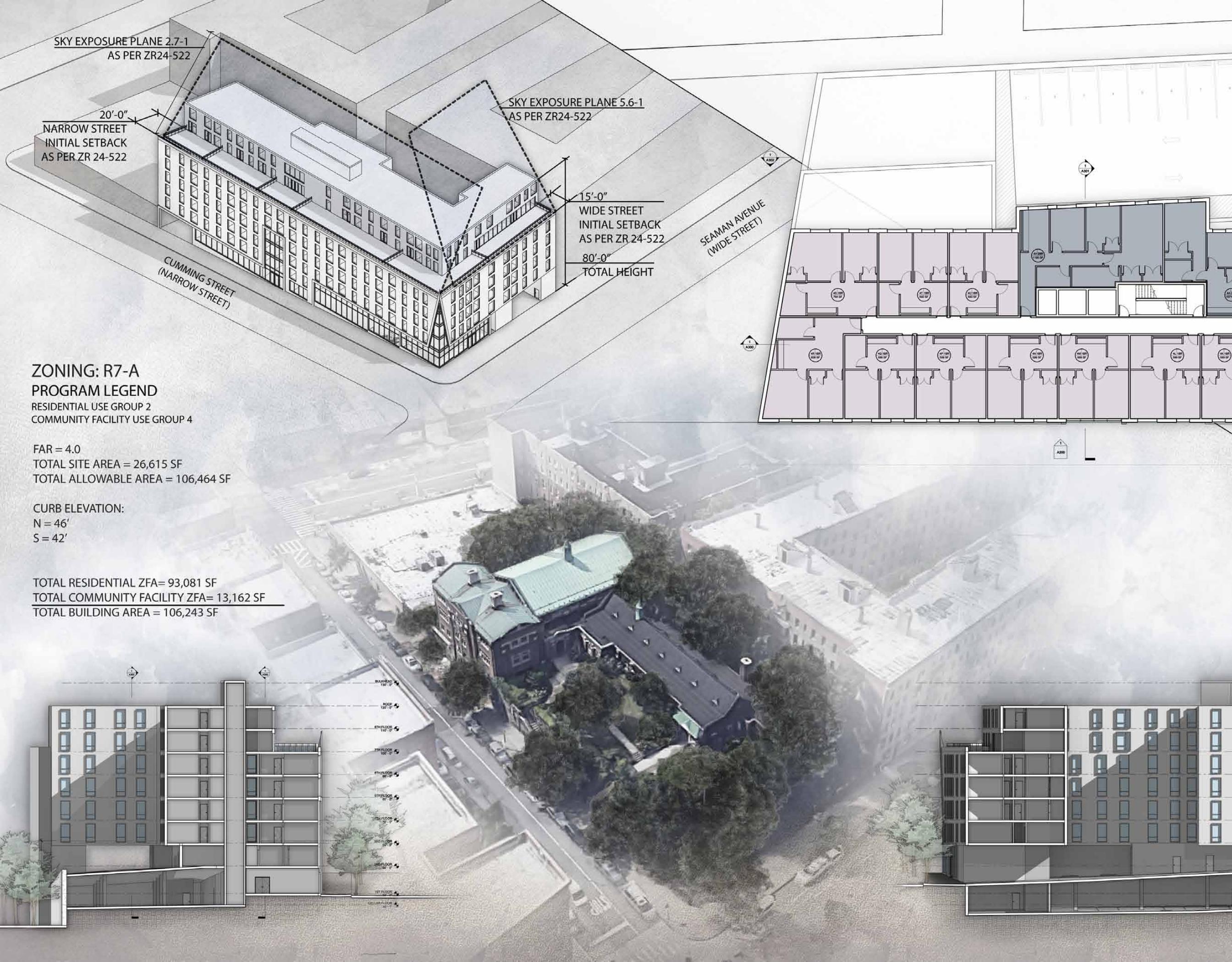
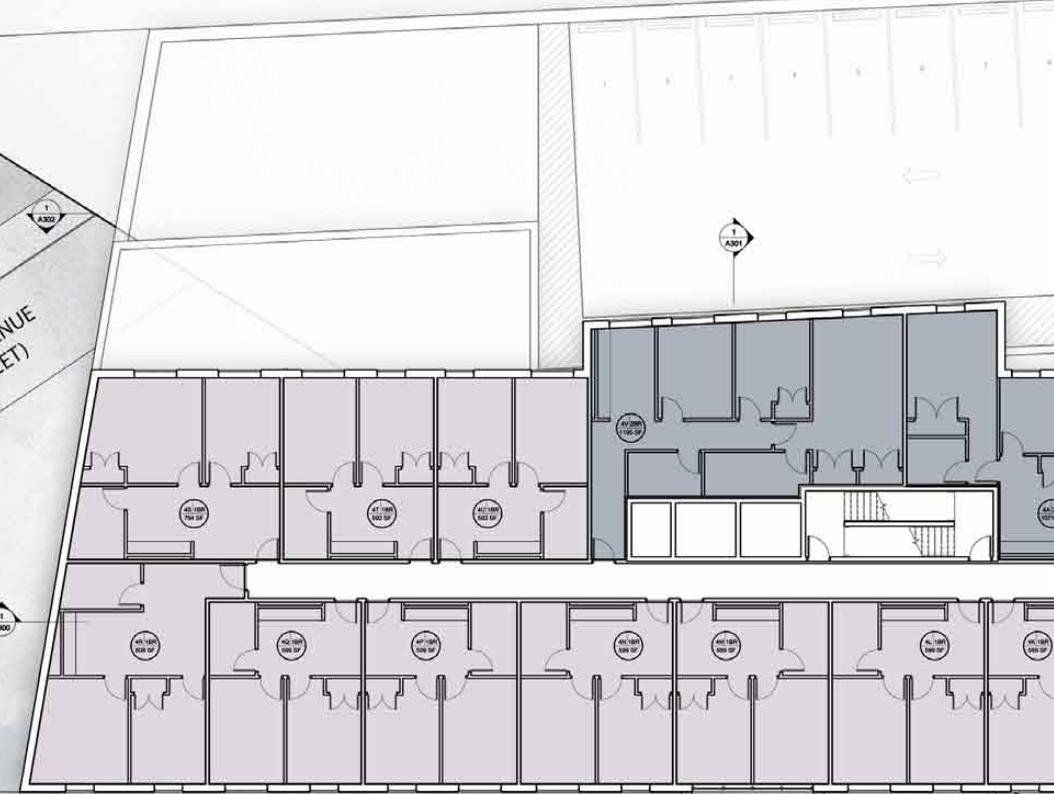
ZONING: R7-A
PROGRAM LEGEND

RESIDENTIAL USE GROUP 2
COMMUNITY FACILITY USE GROUP 4

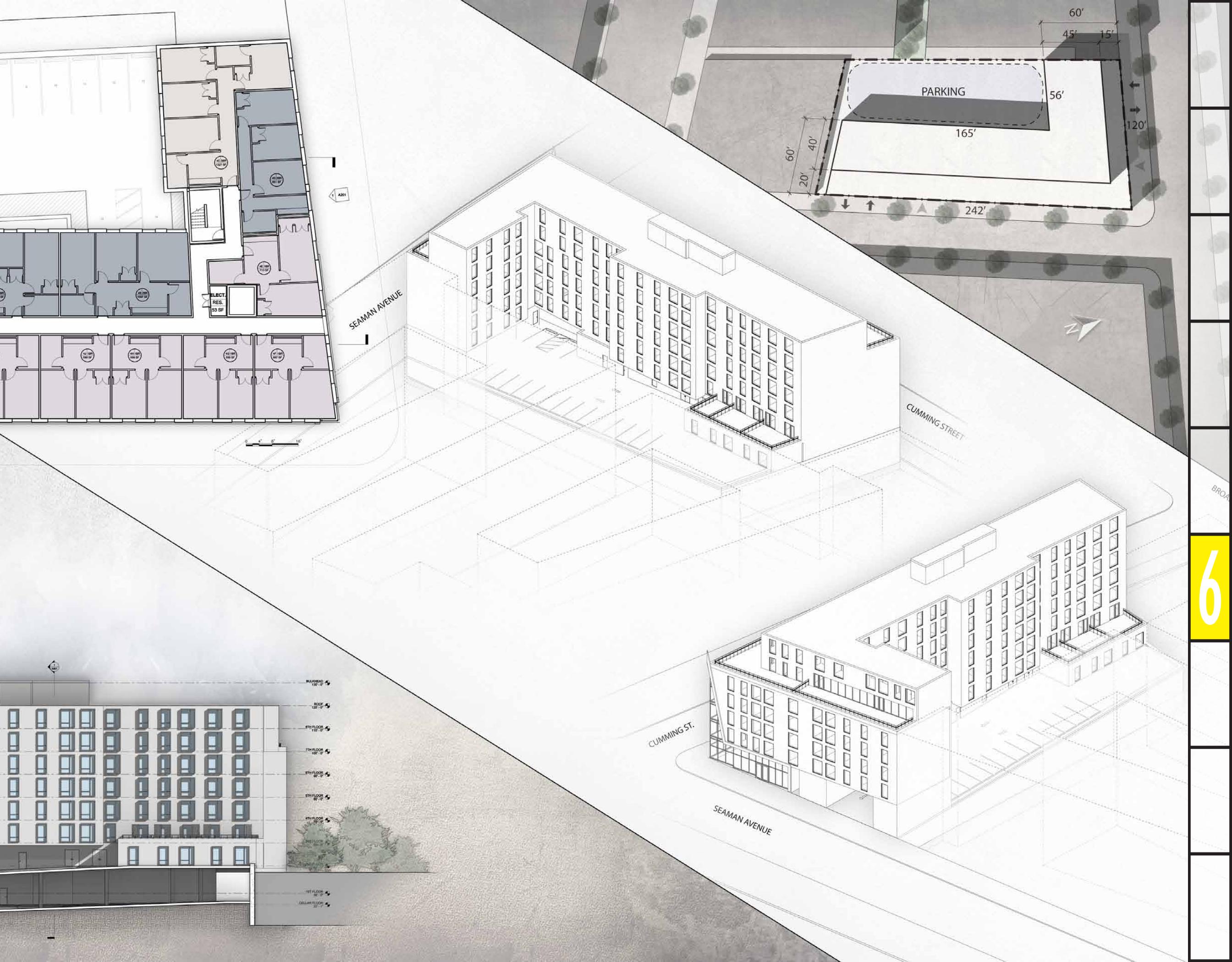
FAR = 4.0
TOTAL SITE AREA = 26,615 SF
TOTAL ALLOWABLE AREA = 106,464 SF

CURB ELEVATION:
N = 46'
S = 42'

TOTAL RESIDENTIAL ZFA= 93,081 SF
TOTAL COMMUNITY FACILITY ZFA= 13,162 SF
TOTAL BUILDING AREA = 106,243 SF



BLUESHED 128'-0"
ROOF 127'-0"
8TH FLOOR 116'-0"
7TH FLOOR 106'-0"
6TH FLOOR 96'-0"
5TH FLOOR 86'-0"
4TH FLOOR 76'-0"
3RD FLOOR 66'-0"
2ND FLOOR 56'-0"
1ST FLOOR 46'-0"
CELLAR FLOOR 36'-0"



7 LAKA COMPETITION

ARCHITECTURE THAT REACTS
NEW YORK, NY



CLIENT:
LAKA ARCHITEKTURA FOUNDATION



PROJECT DESCRIPTION:

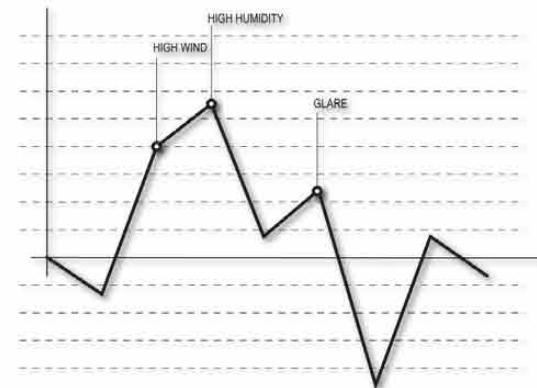
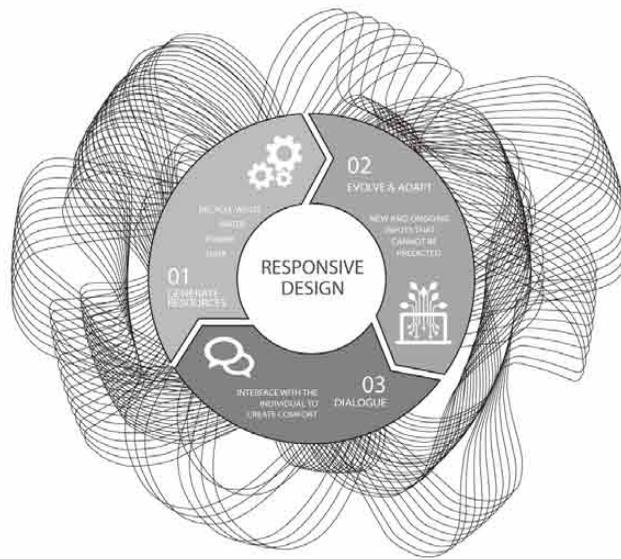
THE GUIDELINES OF THIS COMPETITION WAS TO CREATE ARCHITECTURE THAT REACTS TO SOCIAL NEEDS, THEREBY HAVING A POSITIVE IMPACT ON SUSTAINABLE GLOBAL ISSUES. THE SOLUTION MUST ADAPT DYNAMICALLY TO UNPREDICTABLE CONDITIONS IN ORDER TO SUCCEED IN SOCIAL REVITALIZATION.



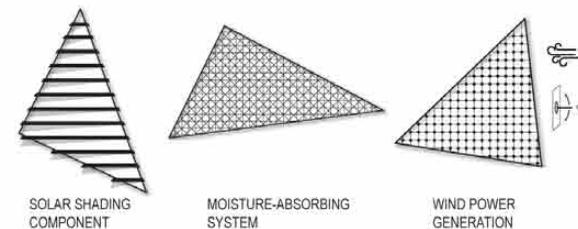
THROUGH ENVIRONMENT (PASSIVE) AND OCCUPANT (DIRECT) INFORMATIONAL INPUT, ARCHITECTURE CAN TRIGGER REACTIVE DESIGN INTERVENTIONS THROUGH A HOST NETWORK. THESE INTERVENTIONS ARE THE RESULT OF A DIALOGUE BETWEEN RESOURCES (SOLAR, WATER, AND WIND) AND REQUIREMENTS (PROTECTION, ABSORPTION, GENERATION, AND FILTRATION).



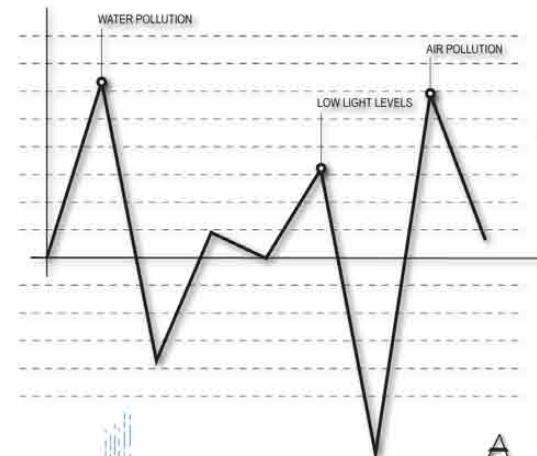
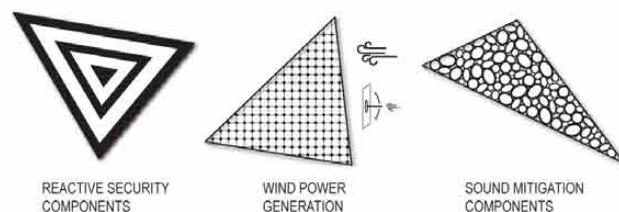
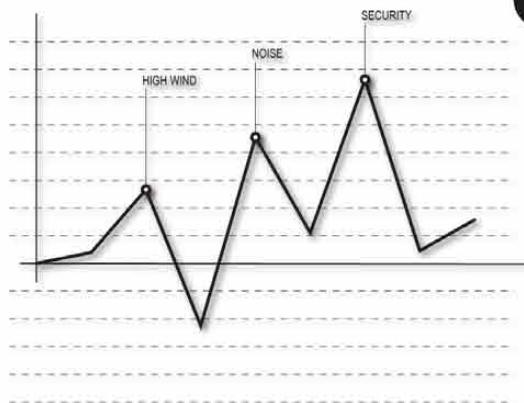
ROLE:
DESIGNER / FINAL PRODUCTION



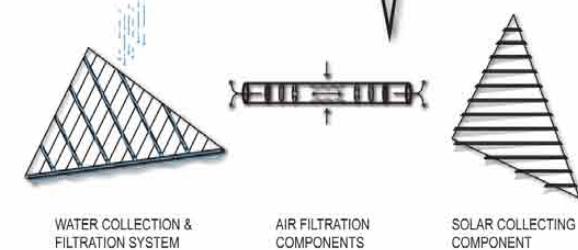
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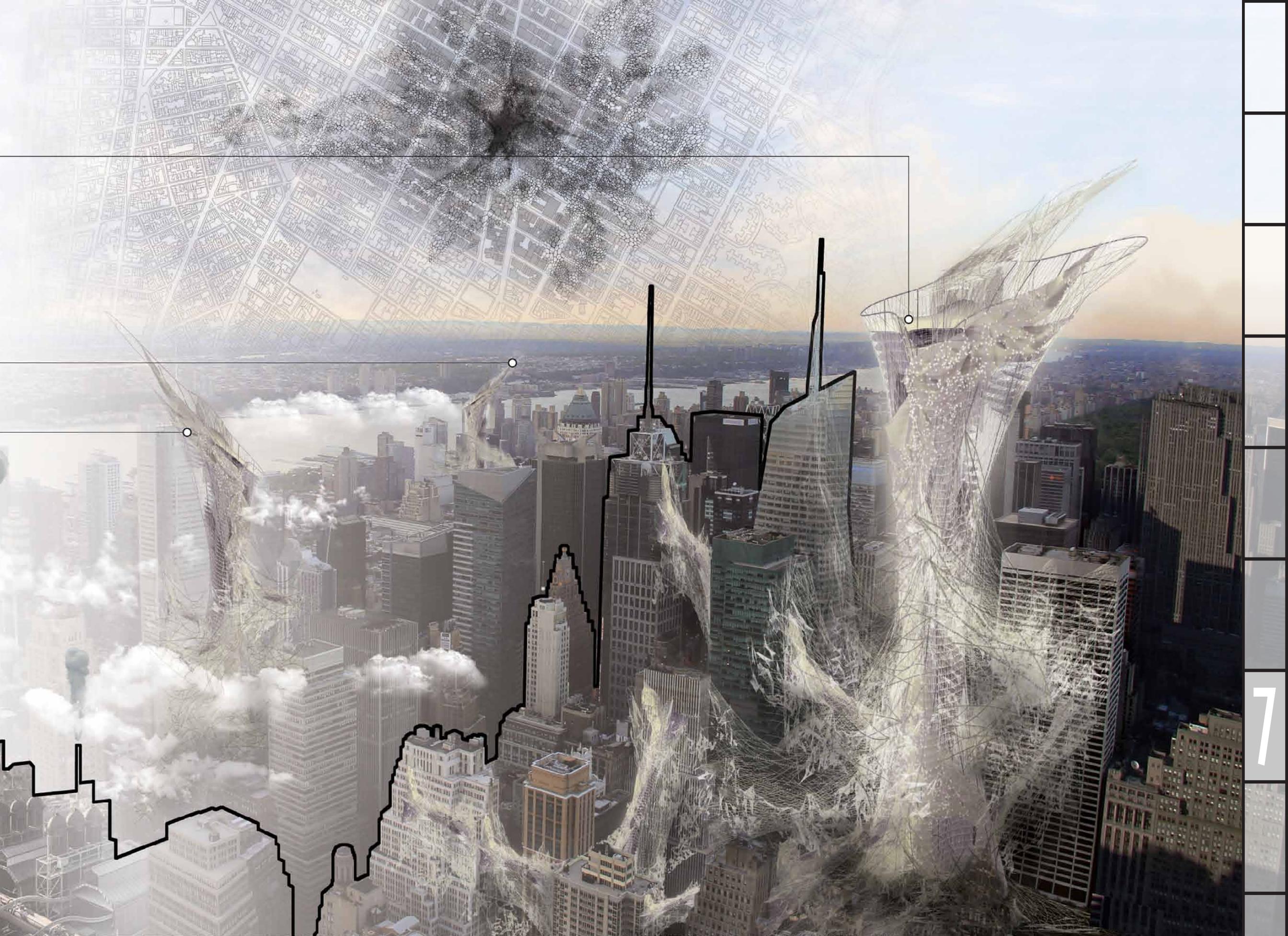


2



3





03 resultant obsolescence:
unsustainable built environment leads to unpredictability

RESPONSE.

04 unpredictability: re-engagement of emerging technology
+ human-to-building dialogue yields active building

8

THINK FABRICATE

FABRICATION STUDIO
BROOKLYN, NY

Ai

CLIENT:

METALS IN CONSTRUCTION MAGAZINE

Id

PROJECT DESCRIPTION:

THINK FABRICATE, A FABRICATION STUDIO, IS THE SISTER COMPANY TO DOBAN ARCHITECTURE, A ARCHITECTURAL DESIGN FIRM. INSPIRED BY BROOKLYN CRAFTSMANSHIP, MODERN FORM, AND FUNCTIONAL DESIGN, THE FEATURED PROJECTS ARE AN ON-GOING COLLABORATION BETWEEN THE TWO STUDIOS. THE FURNITURE, PRODUCTS, AND INSTALLATIONS FEATURED ARE ONLY A SMALL OVERVIEW OF THE BREADTH OF PRODUCTS OFFERED. THIS COLLECTION STARTS WITH A VARIETY OF TABLES, CHAIRS, SHELVING, LIGHTING, ETC. AND DELVES INTO A DETAILED LOOK AT THE MOST COMMON PRODUCTS, INCLUDING THINK LANTERNS, BATH CABINETRY, AND WALL*NUT HEXAGONS.

Ps



ROLE:

DESIGNER / MARKETING

PD

SD

DD

CD

CA





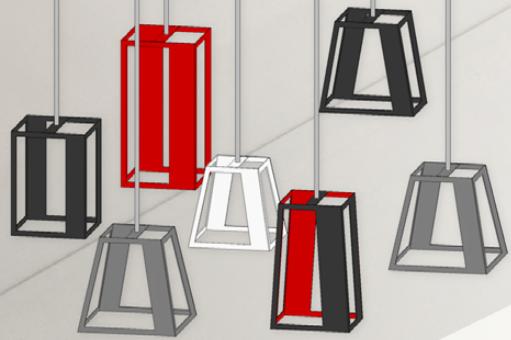
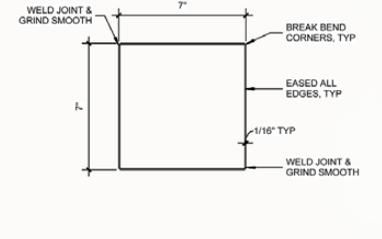
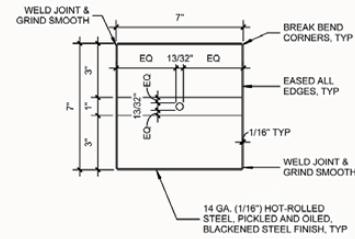
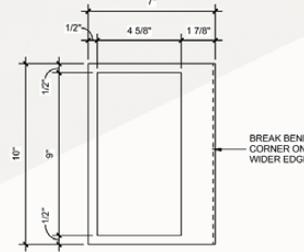
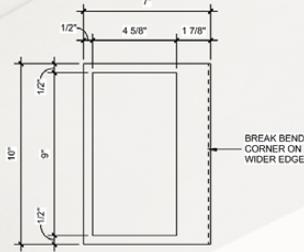




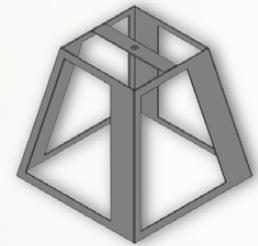
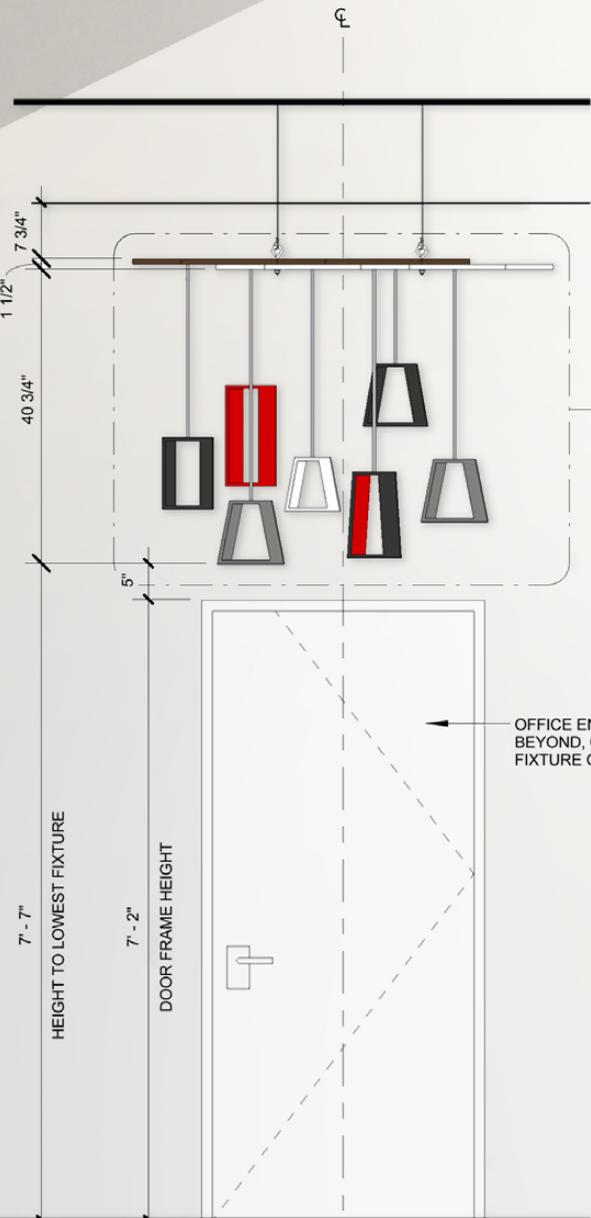
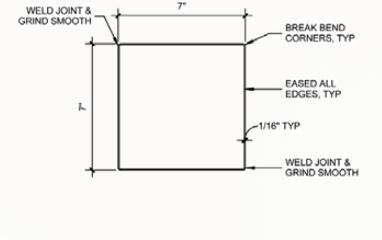
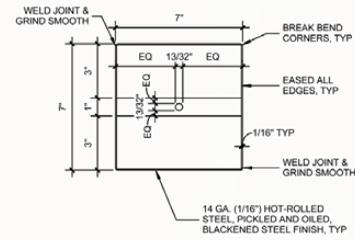
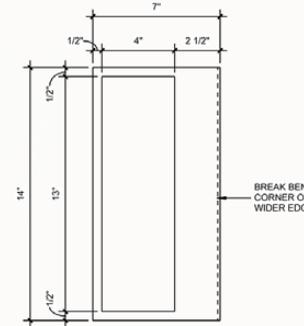
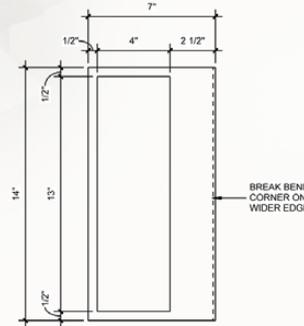




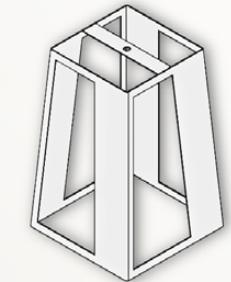
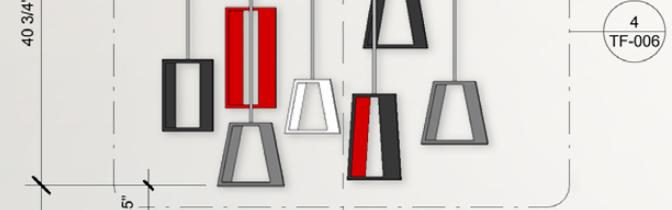
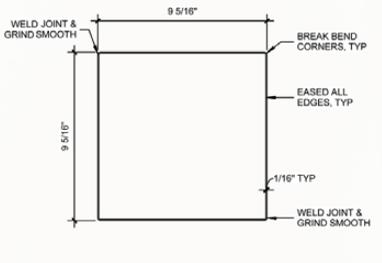
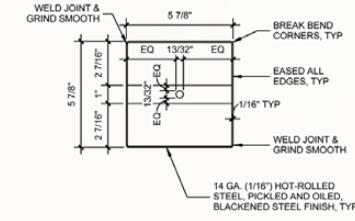
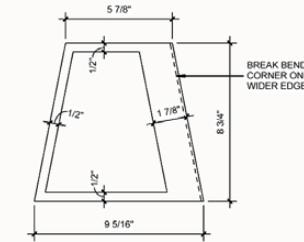
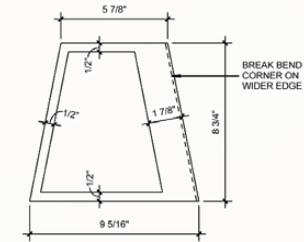
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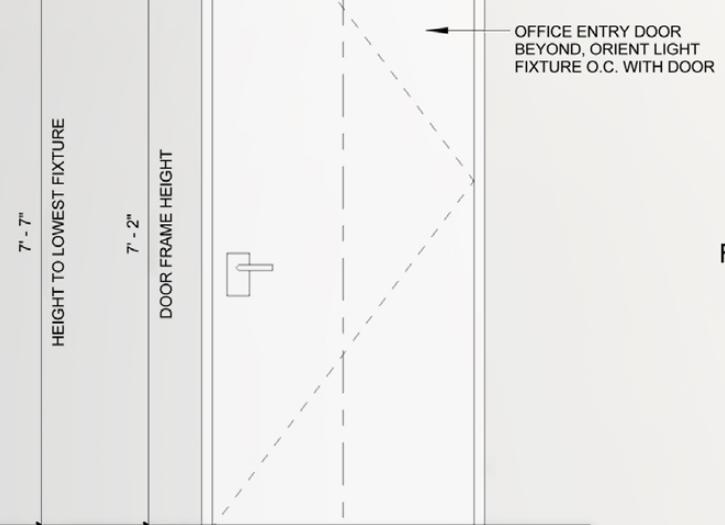
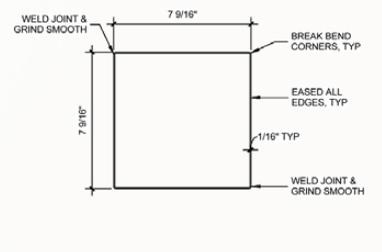
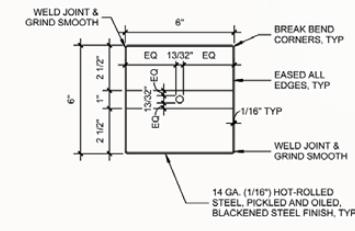
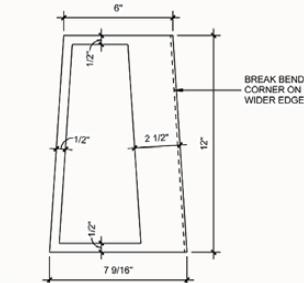
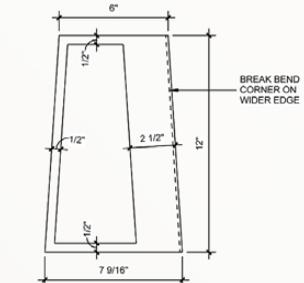
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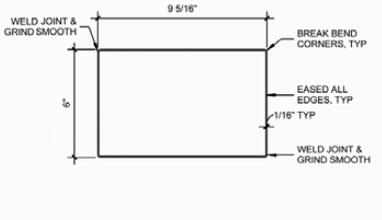
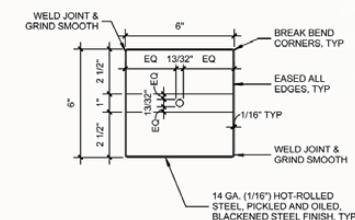
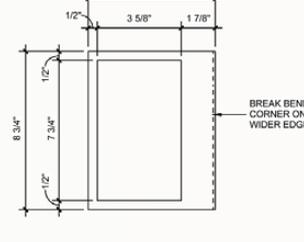
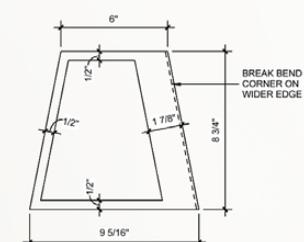
FLARED LANTERN (2X)



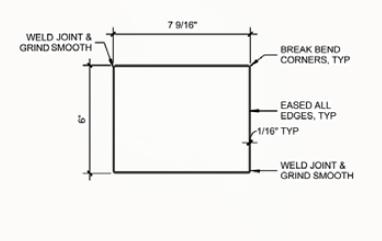
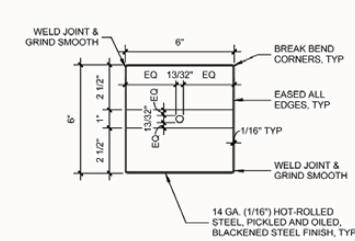
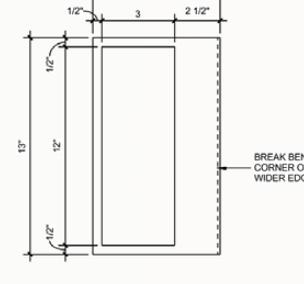
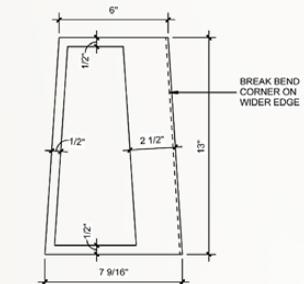
FLARED LANTERN XL (2X)

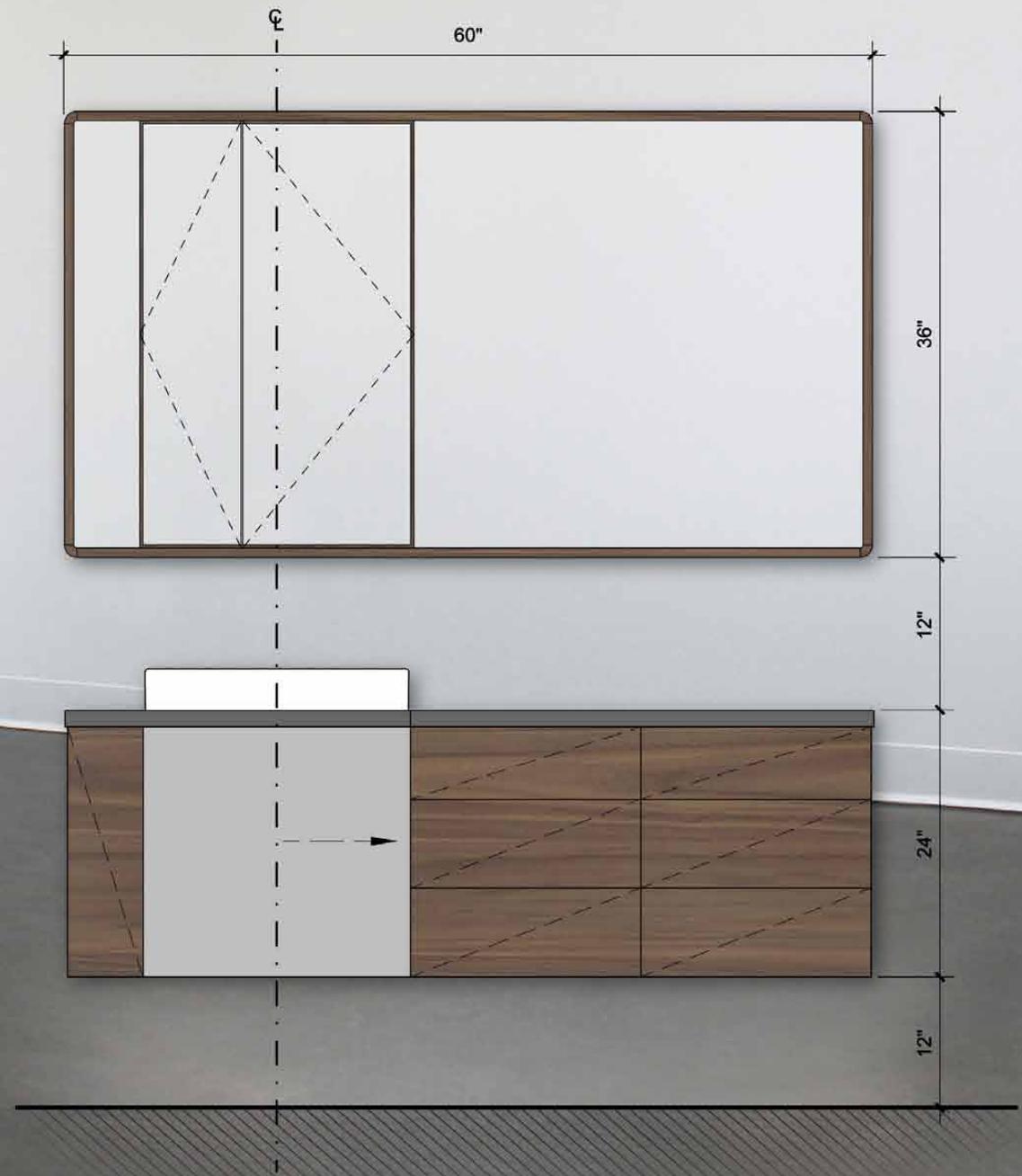


FLARED LANTERN (1X)



FLARED LANTERN XL (1X)



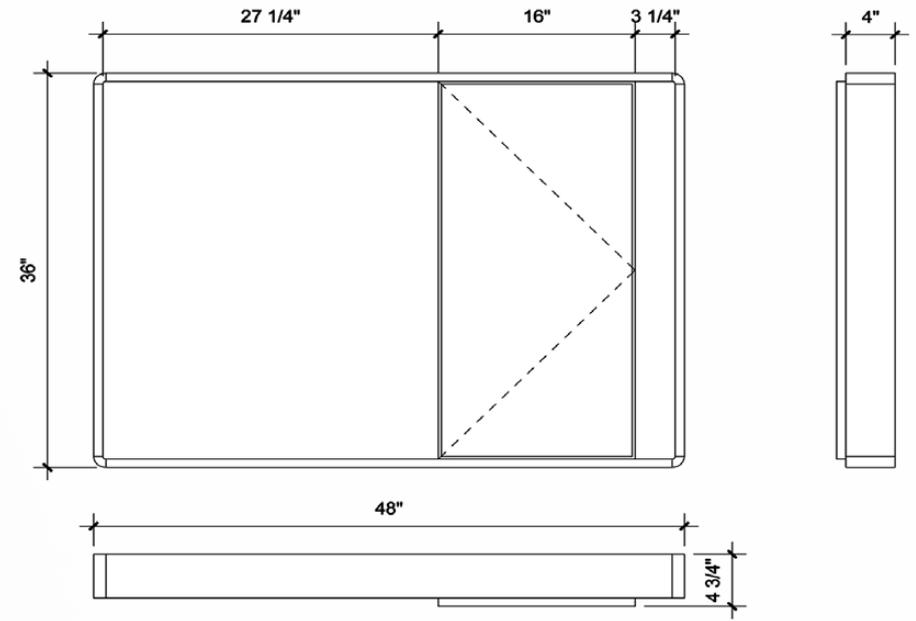




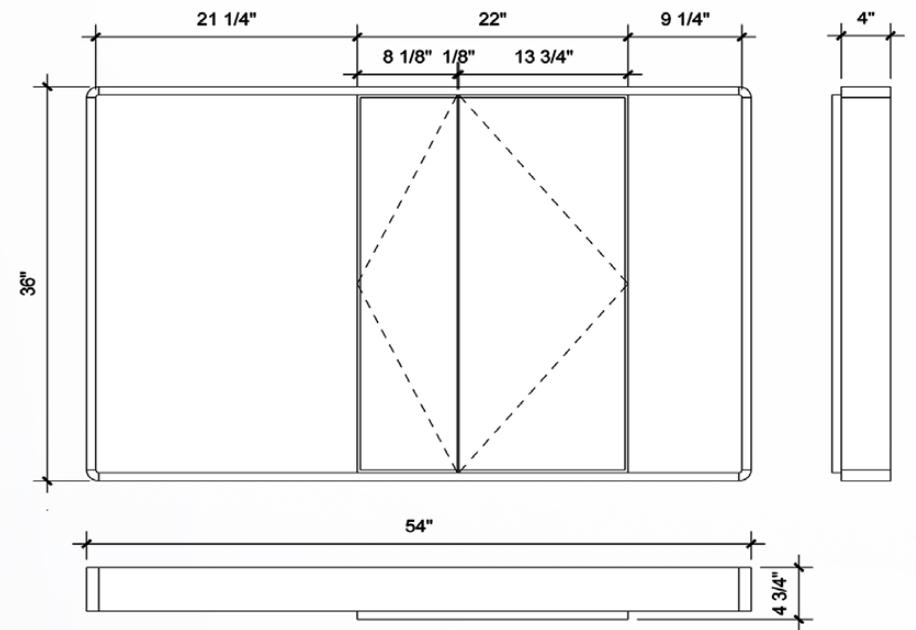
SURFACE MOUNTED



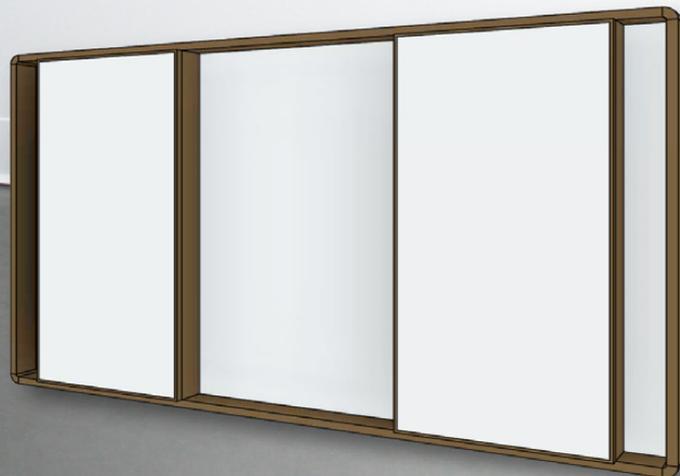
CUSTOM MINI XL 48 MEDICINE CABINET - 1 DOOR



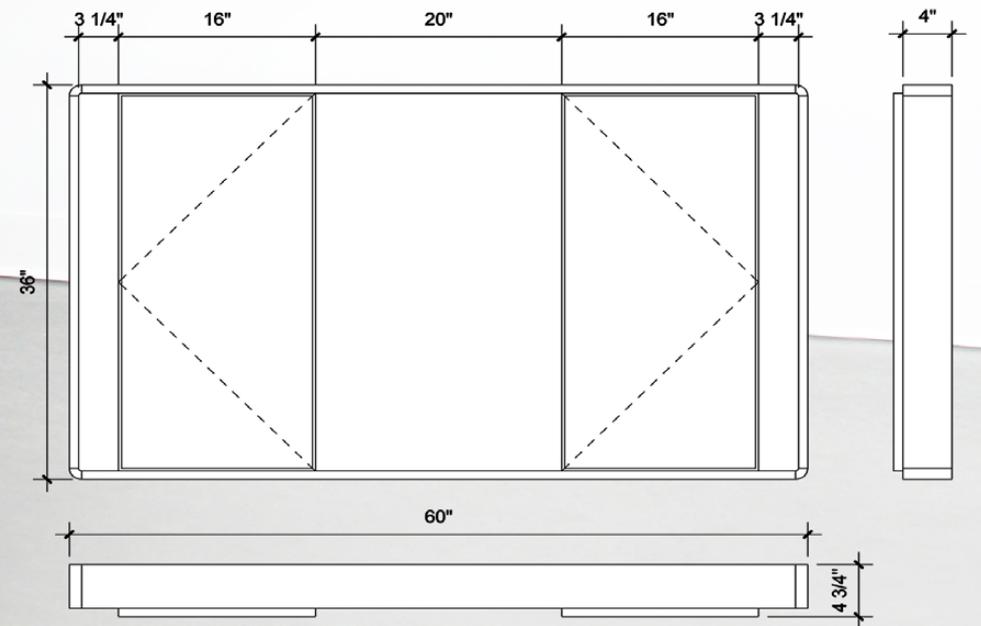
CUSTOM MINI XL 54 MEDICINE CABINET - 2 DOOR



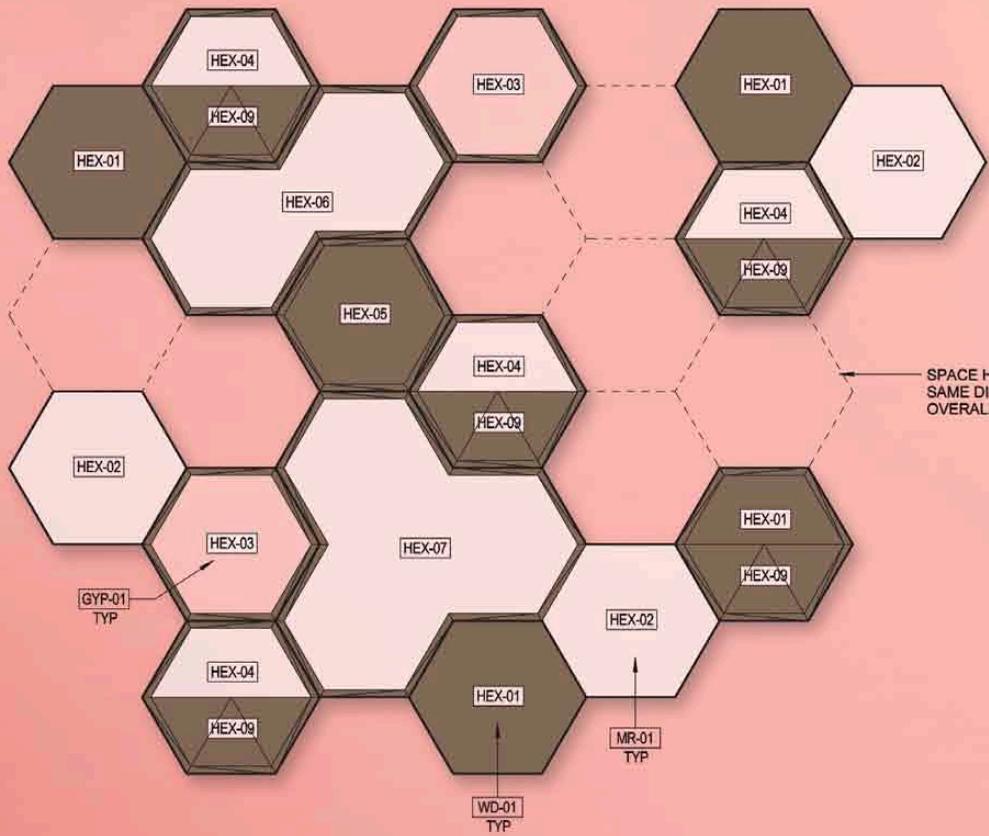
RECESSED SURFACE



CUSTOM MINI XL 60 MEDICINE CABINET - 2 DOOR







SPACE HEXAGONS WITH SAME DIMENSIONS OF OVERALL HEXAGONS

1" WOOD PANEL

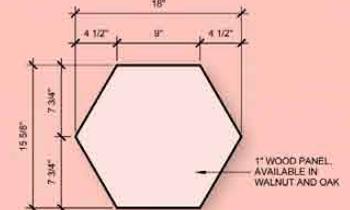
3" MIRROR PANEL

4" CASEMENT

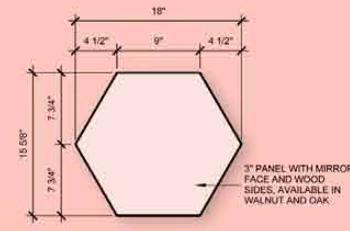
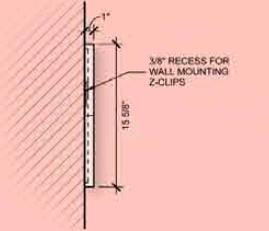
5" CASEMENT (W/ PLANTER INSERT)

5" DOUBLE CASEMENT

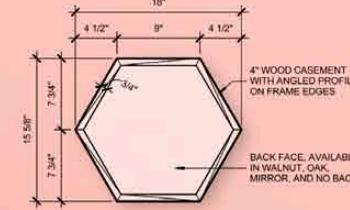
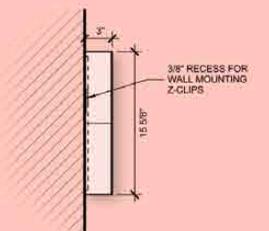
5" TRIPLE CASEMENT



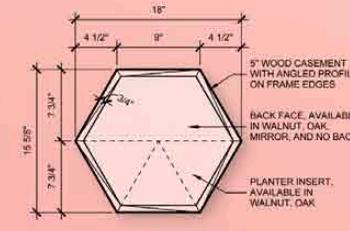
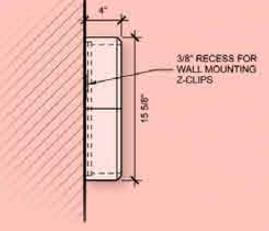
1" WOOD PANEL, AVAILABLE IN WALNUT AND OAK



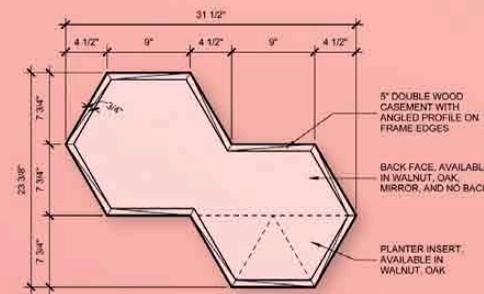
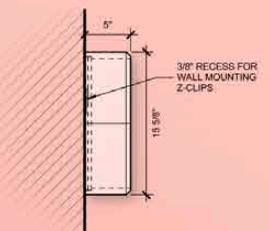
3" PANEL WITH MIRROR FACE AND WOOD SIDES, AVAILABLE IN WALNUT AND OAK



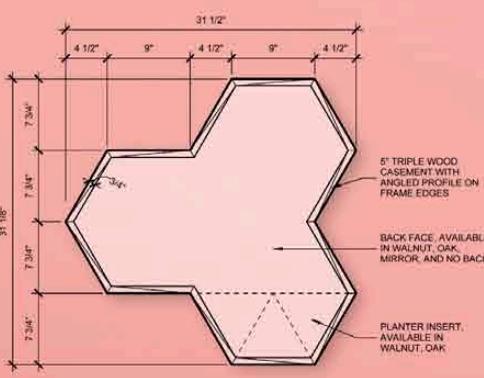
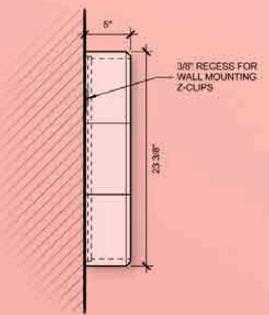
4" WOOD CASEMENT WITH ANGLED PROFILE ON FRAME EDGES
BACK FACE, AVAILABLE IN WALNUT, OAK, MIRROR, AND NO BACK



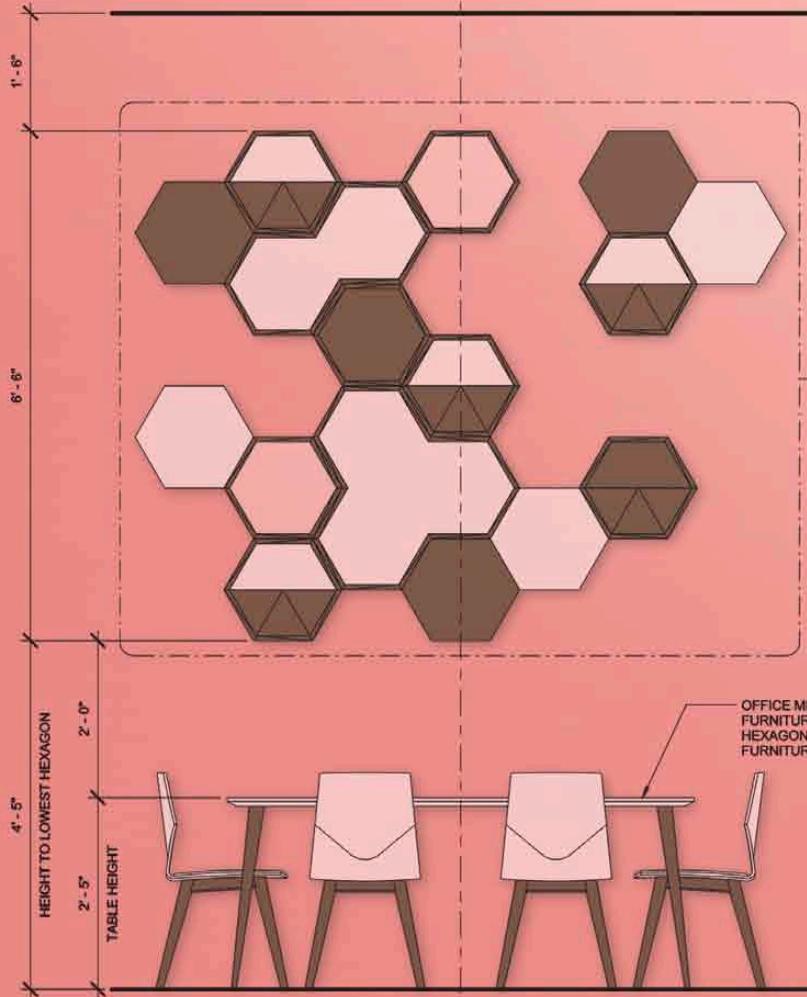
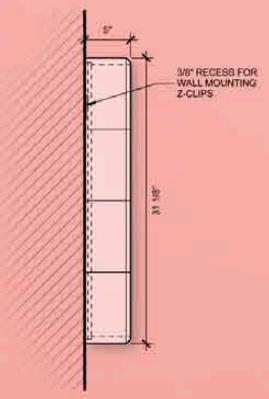
5" WOOD CASEMENT WITH ANGLED PROFILE ON FRAME EDGES
BACK FACE, AVAILABLE IN WALNUT, OAK, MIRROR, AND NO BACK
PLANTER INSERT, AVAILABLE IN WALNUT, OAK



5" DOUBLE WOOD CASEMENT WITH ANGLED PROFILE ON FRAME EDGES
BACK FACE, AVAILABLE IN WALNUT, OAK, MIRROR, AND NO BACK
PLANTER INSERT, AVAILABLE IN WALNUT, OAK



5" TRIPLE WOOD CASEMENT WITH ANGLED PROFILE ON FRAME EDGES
BACK FACE, AVAILABLE IN WALNUT, OAK, MIRROR, AND NO BACK
PLANTER INSERT, AVAILABLE IN WALNUT, OAK



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OFFICE MEETING ROOM FURNITURE, ORIENT WALL-NUT HEXAGON GROUP O.C. WITH FURNITURE

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MISCELLANEOUS

VARIOUS PROJECTS
BROOKLYN, NY

Ai

WOODWORKING

FURNISHINGS & RINGS
BROOKLYN, NY

Id

MODEL MAKING

ACADEMIC PROJECTS
SYRACUSE, NY

Ps



HAND DRAWING

FIELD STUDIES SKETCHES
ROME, VICENZA, VENICE, ITALY



ARTWORK

PERSONAL WORK
BROOKLYN, NY



PD

SD

DD

CD

CA

