

CV ENGINEERING RENOVATION

Pittsburgh, PA 15237

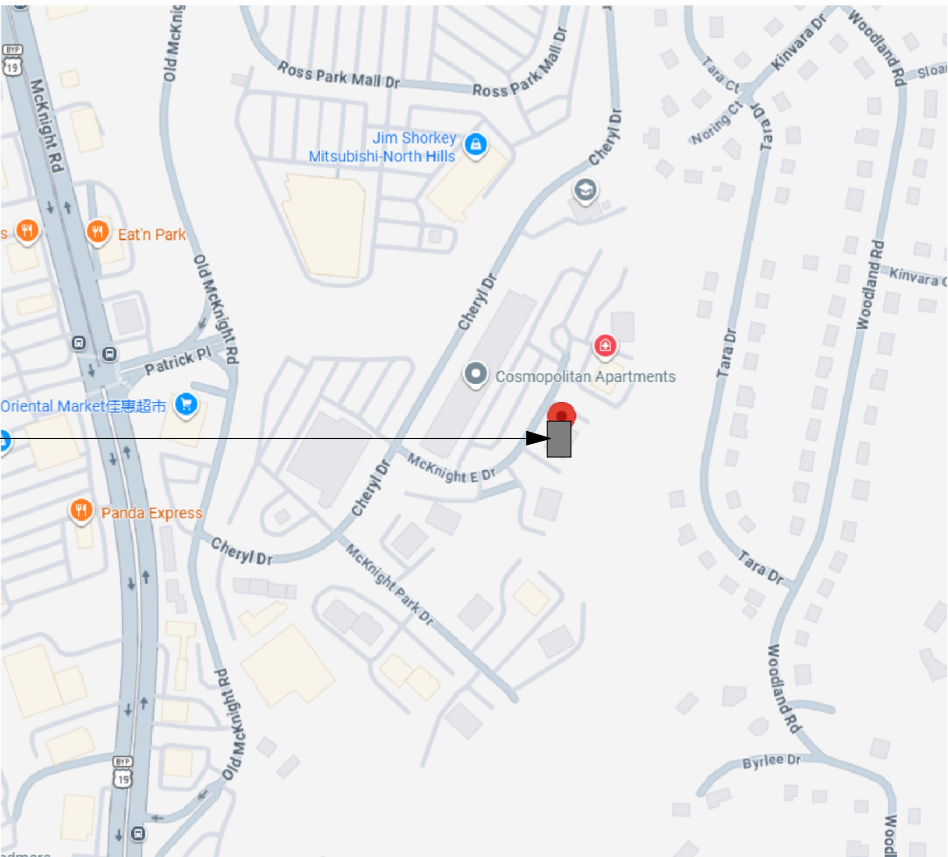


FRONT ENTRY PERSPECTIVE

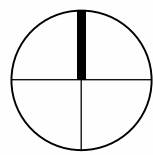


SOUTHWEST BUILDING PERSPECTIVE

PROJECT
LOCATION



LOCATION MAP



DRAWING INDEX			
DWG NO.	Drawing Title	Issuance	Date
GENERAL			
G-101	Title Sheet	Construction Set	08-03-26
G-102	Life Safety Plans	Construction Set	08-03-26
GENERAL: 2			
DEMOLITION			
D-101	First Floor Demolition Plan	Construction Set	08-03-26
D-102	Second Floor Demolition Plan	Construction Set	08-03-26
D-103	Third Floor Demolition Plan	Construction Set	08-03-26
D-121	First Floor Ceiling Demolition Plan	Construction Set	08-03-26
D-122	Second Floor Ceiling Demolition Plan	Construction Set	08-03-26
D-123	Third Floor Ceiling Demolition Plan	Construction Set	08-03-26
DEMOLITION: 6			
ARCHITECTURAL			
A-101	First Floor Plan	Construction Set	08-03-26
A-102	Second Floor Plan	Construction Set	08-03-26
A-103	Third Floor Plan	Construction Set	08-03-26
A-121	First Floor Ceiling Plan	Construction Set	08-03-26
A-122	Second Floor Ceiling Plan	Construction Set	08-03-26
A-123	Third Floor Ceiling Plan	Construction Set	08-03-26
A-130	Finish Legend and Details	Construction Set	08-03-26
A-131	First Floor Finish Plan	Construction Set	08-03-26
A-132	Second Floor Finish Plan	Construction Set	08-03-26
A-133	Third Floor Finish Plan	Construction Set	08-03-26
A-141	First Floor Furniture Plan	Construction Set	08-03-26
A-142	Second Floor Furniture Plan	Construction Set	08-03-26
A-143	Third Floor Furniture Plan	Construction Set	08-03-26
A-401	Enlarged Plans and Elevations - Lounge	Construction Set	08-03-26
A-402	Enlarged Plans and Elevations - Kitchenettes	Construction Set	08-03-26
A-403	Enlarged Plans and Elevations - Reception	Construction Set	08-03-26
A-501	Millwork Section Details	Construction Set	08-03-26
A-601	Door Schedule & Details	Construction Set	08-03-26
A-602	Details	Construction Set	08-03-26
A-701	Entrance Canopy Details	Construction Set	08-03-26
ARCHITECTURAL: 20			
PLUMBING			
P-101	First Floor Sanitary Plan	Construction Set	08-03-26
P-102	Second Floor Sanitary Plan	Construction Set	08-03-26
P-103	Third Floor Sanitary Plan	Construction Set	08-03-26
P-201	First Floor Plumbing Plan	Construction Set	08-03-26
P-202	Second Floor Plumbing Plan	Construction Set	08-03-26
P-203	Third Floor Plumbing Plan	Construction Set	08-03-26
P-800	Plumbing Schedules & Details	Construction Set	08-03-26
PLUMBING: 7			
MECHANICAL			
M-101	First Floor Mechanical	Construction Set	08-03-26
M-102	Second Floor Mechanical	Construction Set	08-03-26
M-103	Third Floor Mechanical	Construction Set	08-03-26
M-800	Mechanical Schedules & Details	Construction Set	08-03-26
MECHANICAL: 4			
ELECTRICAL			
E-100	Electrical General Information	Construction Set	08-03-26
E-101	First Floor Electrical Plan	Construction Set	08-03-26
E-102	Second Floor Electrical Plan	Construction Set	08-03-26
E-103	Third Floor Electrical Plan	Construction Set	08-03-26
ELECTRICAL: 4			
TOTAL DRAWINGS: 43			

DANIEL
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ARCHITECT

ARCHITECTURE
&
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26143 EAST RIVER ROAD
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PROJECT:
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Renovation
3400 McKnight East Drive
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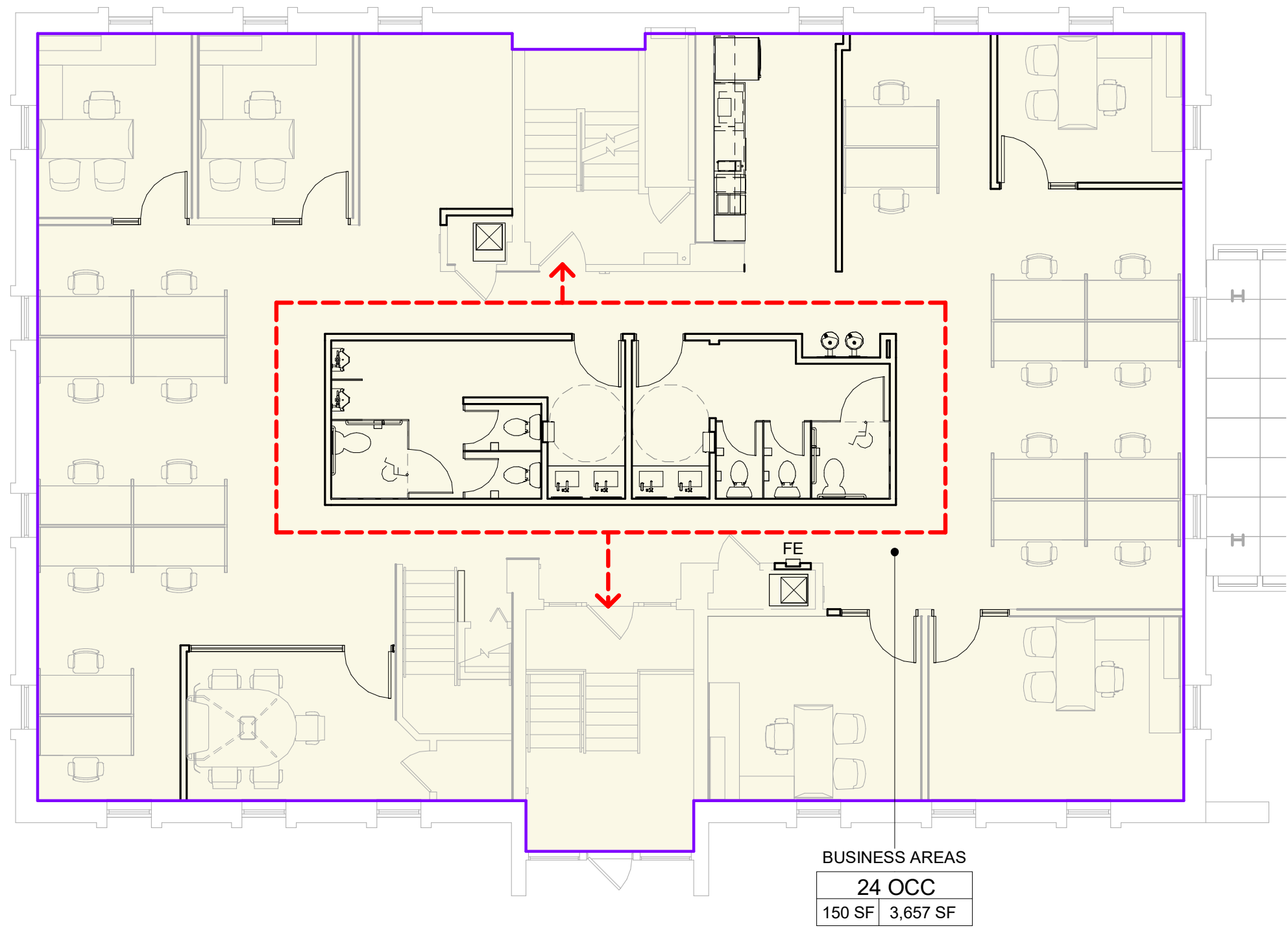
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2025.28

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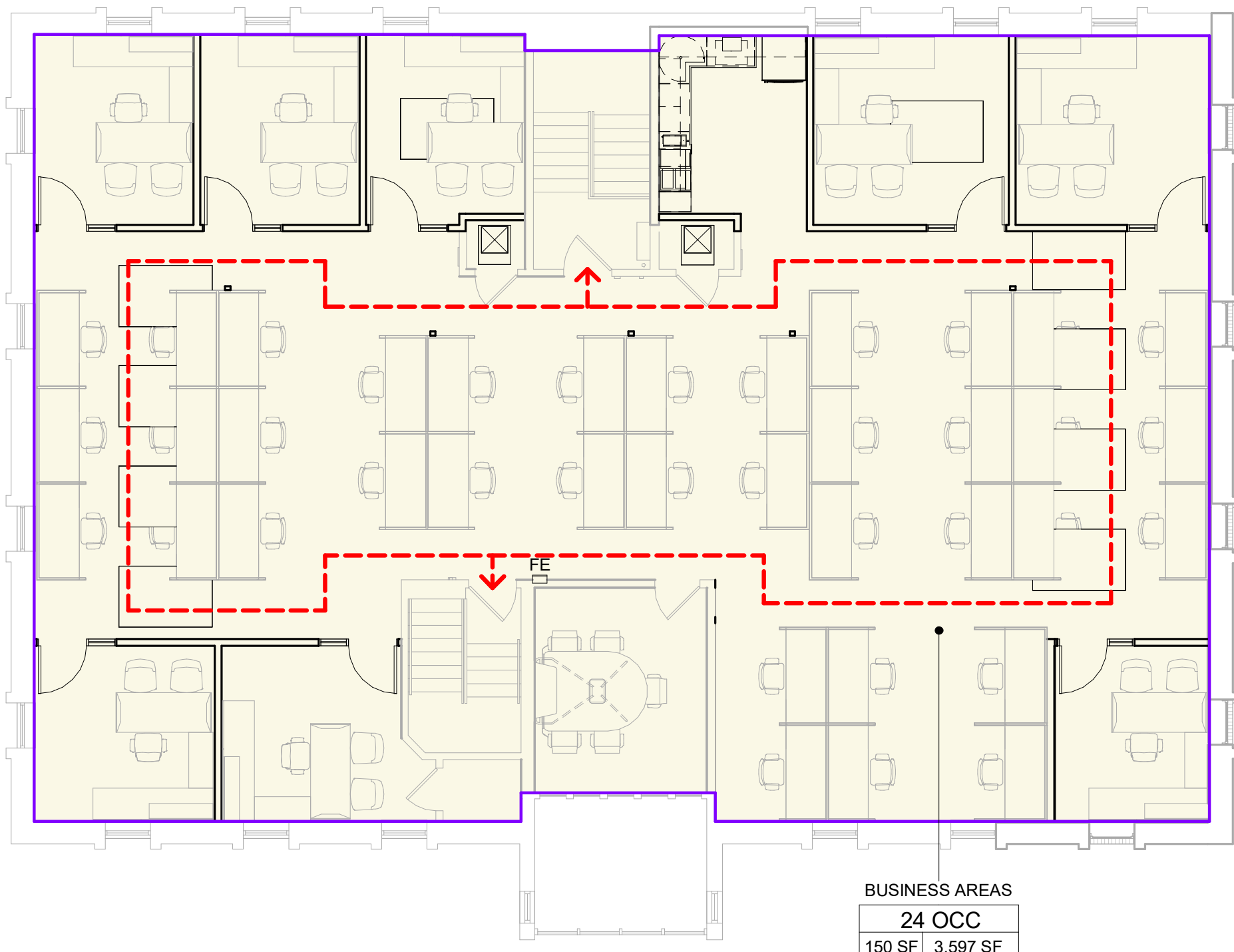
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SHEET TITLE:
Title Sheet

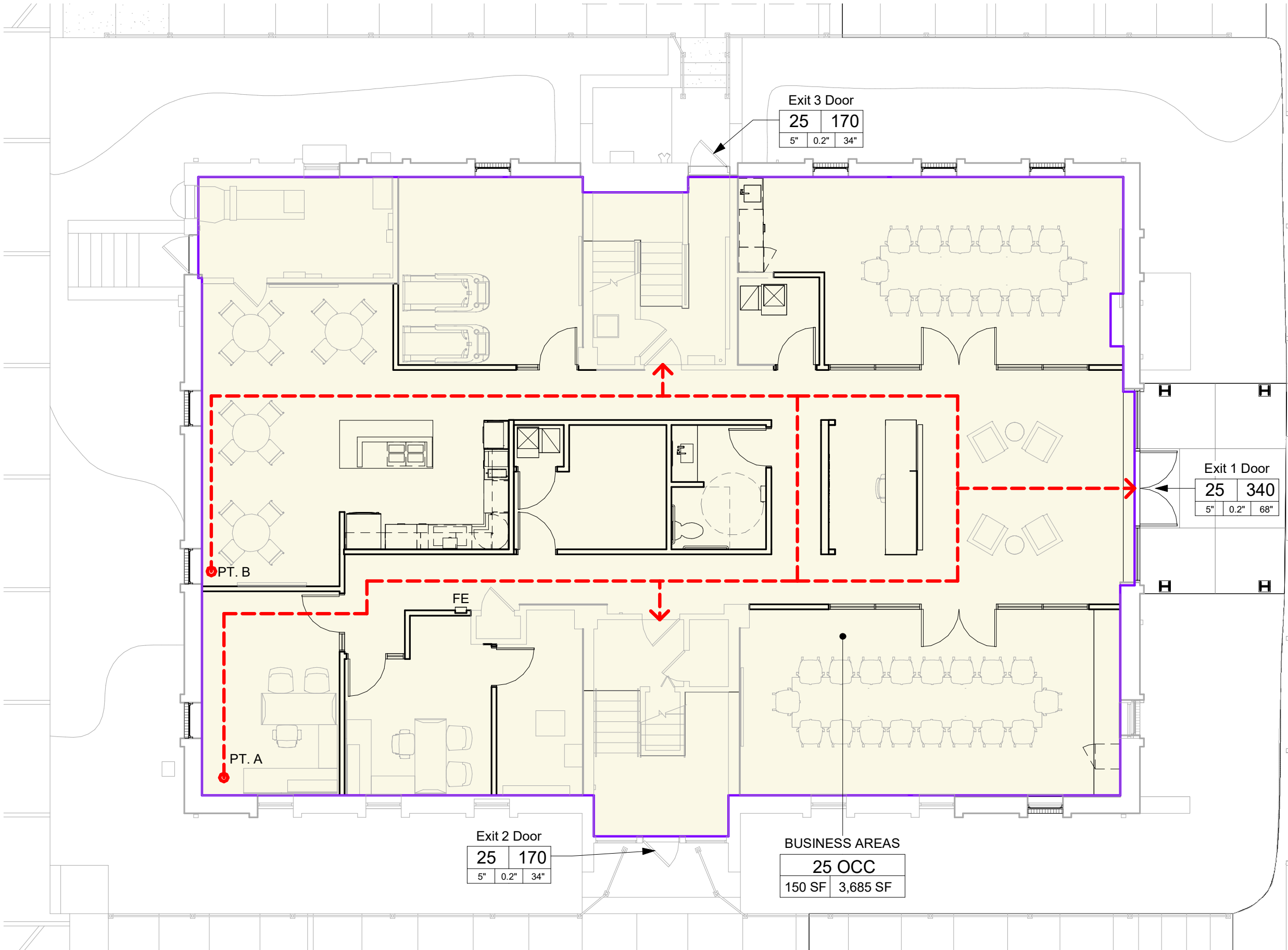
SHEET NO:
G-101



2 SECOND FLOOR OCCUPANT LOAD AND EGRESS PLAN
SCALE: 1/8" = 1'-0"



3 THIRD FLOOR OCCUPANT LOAD AND EGRESS PLAN
SCALE: 1/8" = 1'-0"



1 FIRST FLOOR OCCUPANT LOAD AND EGRESS PLAN
SCALE: 1/8" = 1'-0"

LIFE SAFETY PLAN LEGEND

ROOM	SPACE NAME
00 OCC	SPACE OCCUPANCY
00 SF	AREA OF SPACE
	MAXIMUM AREA PER OCCUPANT
Door	OCCUPANCY LOAD
0	TYPE OF EGRESS COMPONENT
170	OCCUPANCY CAPACITY
0'	ACTUAL EGRESS WIDTH
0.2'	EGRESS CAPACITY FACTOR
34"	CALCULATED EGRESS WIDTH
---	EGRESS PATH

EXIT ACCESS TRAVEL DISTANCE

TRAVEL PATH	TRAVEL DISTANCE
POINT A TO CP	61'- 8"
POINT B TO CP	61'- 0"

MAXIMUM EXIT ACCESS TRAVEL DISTANCE = 200 FT
MAXIMUM COMMON PATH OF TRAVEL = B = 100 FT

Occupant Load Schedule

Name	Area	Occupant Load Factor	Fixed Occupant Load	Occupant Load
BUSINESS AREAS	3,657 SF	150 SF		24
BUSINESS AREAS	3,685 SF	150 SF		25
BUSINESS AREAS	3,597 SF	150 SF		24
Total	10,938 SF			73

Plumbing Fixture Calculations

Refer to MPC Chapter 4 and Table 403.1 "Minimum Plumbing Fixtures" for specifics, exceptions, and footnotes.

OCCUPANCY: Business - B	OCCUPANTS: 72				(36 MALE 36 FEMALE)	
Buildings for the transaction of business, professional services, other services involving merchandise, office buildings, banks, light industrial and similar uses	WATER CLOSET		LAVATORIES		BATHTUBS OR SHOWERS	OTHER
	MALE	FEMALE	MALE	FEMALE		
REQUIRED:	2	2	1	1	—	1 Service Sink
PROVIDED:	1	1	1	1	—	1 Service Sink

CODE ANALYSIS

APPLICABLE CODES:	2021 PENNSYLVANIA BUILDING CODE (PBC)
	2021 PENNSYLVANIA PLUMBING CODE (PPC)
	2021 PENNSYLVANIA MECHANICAL CODE (PMC)
	2021 PENNSYLVANIA FIRE CODE (PFC)
	2021 IFC
	2019 PENNSYLVANIA COMMERCIAL ENERGY CODE (PEC)
	2020 PENNSYLVANIA ELECTRICAL CODE (PEC)
	2020 NFPA 70
	2009 PENNSYLVANIA ACCESSIBILITY CODE (PAC)
	2009 A117.1

PROJECT DESCRIPTION: RENOVATION OF EXISTING OFFICE BUILDING.

BUILDING CHARACTERISTICS: AREA (gross) = 10,938 SF
HEIGHT = 32'-5" FT

2021 PENNSYLVANIA BUILDING CODE

304.1 BUSINESS GROUP B (Engineers)

504.3 TABLE 504.3 ALLOWABLE HEIGHT
B - NS - TYPE 5B = 40 FT

504.4 TABLE 504.4 ALLOWABLE STORIES
B - NS, TYPE 5B = 2

506.2 TABLE 506.2 ALLOWABLE AREA
B, - NS, TYPE 5B = 9,000 SF

506.2.1 SINGLE-OCCUPANCY BUILDINGS
A_u = 15,750 SF
A_s = 9,000 SF
NS = 9,000 SF
I_t = 0.75

601 TABLE 601 TYPE 5B
PRIMARY STRUCTURAL FRAME 0
BEARING WALLS (Exterior) 0
BEARING WALLS (Interior) 0
NONBEARING WALLS (Exterior) 0
NONBEARING WALLS (Interior) 0
FLOOR CONSTRUCTION 0
ROOF CONSTRUCTION 0

705.5 TABLE 705.5 FIRE RESISTANCE RATING X ≥ 30, 5B = 0

720.2.1 FACINGS - THE FLAME SPREAD AND SMOKE-DEVELOPED LIMITATIONS DO NOT APPLY TO INSULATION FACINGS WHEN IN SUBSTANTIAL CONTACT WITH CEILING, WALL, OR FLOOR FINISH.

1004.5 AREAS WITHOUT FIXED SEATS
MAXIMUM FLOOR AREA ALLOWANCES PER OCCUPANT
TABLE 1004.5
BUSINESS AREAS 150 GROSS

SEE OCCUPANT LOAD SCHEDULE THIS SHEET.

1005.3.2 OTHER EGRESS COMPONENTS
CAPACITY FACTOR = 0.2 PER OCCUPANT

1006.2.1 EGRESS BASED ON OCCUPANT LOAD AND COMMON PATH OF TRAVEL
TABLE 1006.2.1
OCCUPANT LOAD B = X > 49
COMMON PATH B = OL ≤ 30 = 100 FT

TABLE 1006.3.1 TWO EXITS REQUIRED WHEN OCCUPANT LOAD IS GREATER THAN 49 AND LESS THAN 500.

1007.1.1 TWO EXITS OR EXIT ACCESS DOORWAYS
EXITS SHALL BE PLACED AT A DISTANCE OF ONE-HALF

1017.2 TABLE 1017.2 EXIT ACCESS TRAVEL DISTANCE
B - NS = 200

1607 LIVE LOADS
TABLE 1607.1
OFFICE BUILDINGS, OFFICES = 50 PSF

2021 PENNSYLVANIA PLUMBING CODE

403.1 MINIMUM NUMBER OF FIXTURES
TABLE 403.1

BUSINESS:
WATER CLOSETS: 1 PER 25 FOR FIRST 50
1 PER 50 FOR REMAINDER
LAVATORIES: 1 PER 40 FOR FIRST 80
1 PER 80 FOR REMAINDER
DRINKING FOUNTAIN: 1 PER 100
SERVICE SINK: 1

SEE PLUMBING FIXTURE CALCULATIONS THIS SHEET.

403.2 SEPARATE FACILITIES
SHALL BE PROVIDED FOR EACH SEX.

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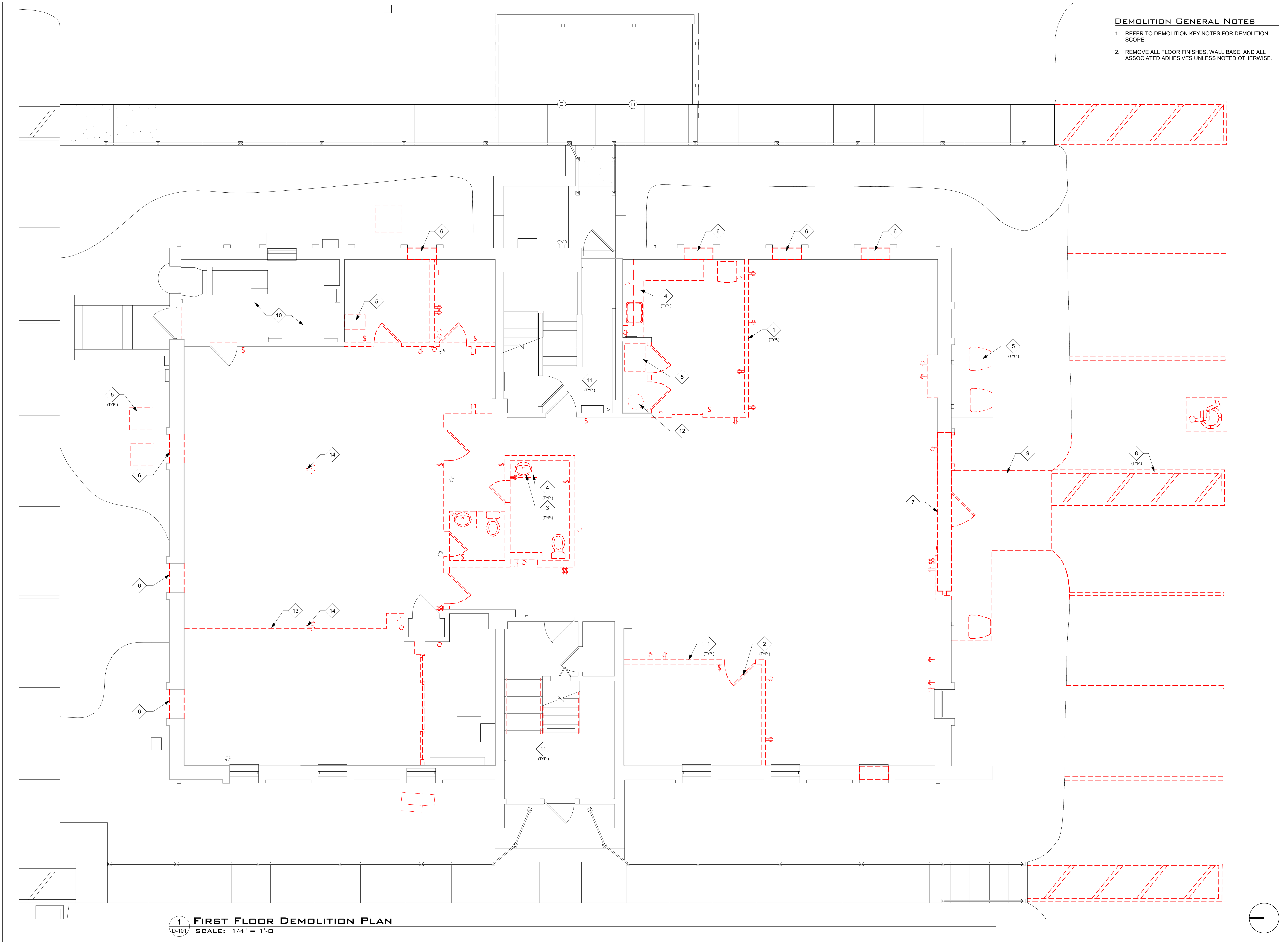
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SHEET TITLE:
Life Safety Plans

SHEET NO:

G-102

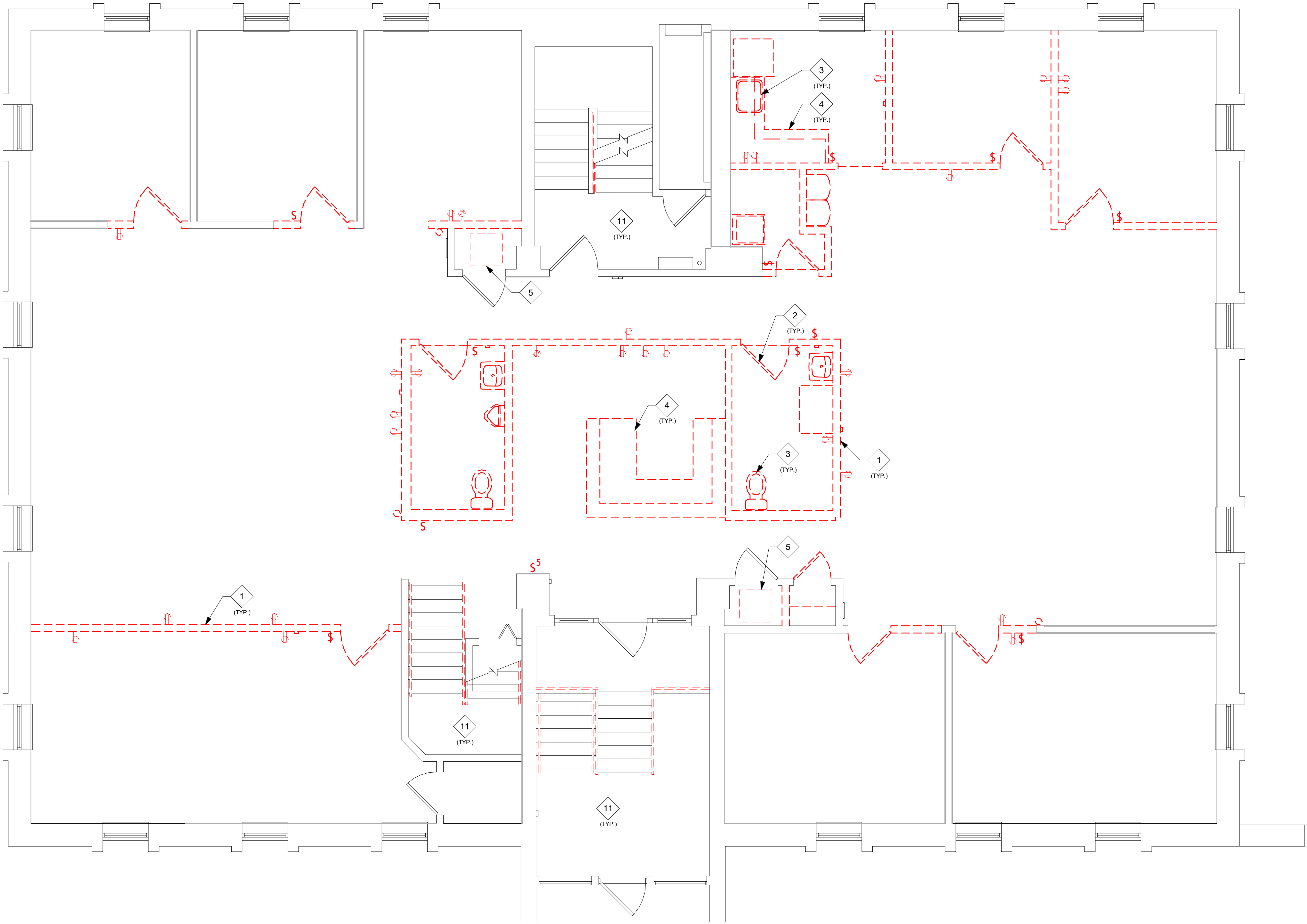


DEMOLITION GENERAL NOTES

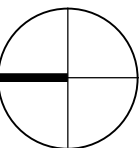
1. REFER TO DEMOLITION KEY NOTES FOR DEMOLITION SCOPE.
2. REMOVE ALL FLOOR FINISHES, WALL BASE, AND ALL ASSOCIATED ADHESIVES UNLESS NOTED OTHERWISE.

DEMOLITION KEYNOTES

- 1 REMOVE ALL WALLS AS INDICATED WITH DASHED LINES. DISCONNECT ALL ELECTRICAL DEVICES IN WALLS AND REMOVE.
- 2 REMOVE DOOR AND FRAME AS INDICATED BY DASHED LINES.
- 3 REMOVE PLUMBING FIXTURES AS INDICATED BY DASHED LINES.
- 4 REMOVE MILLWORK AS INDICATED BY DASHED LINES.
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- 16 REMOVE ALL EXISTING LIGHT FIXTURES IN STAIR AS INDICATED BY DASHED LINES.



1 SECOND FLOOR DEMOLITION PLAN
D-102 SCALE: 1/4" = 1'-0"

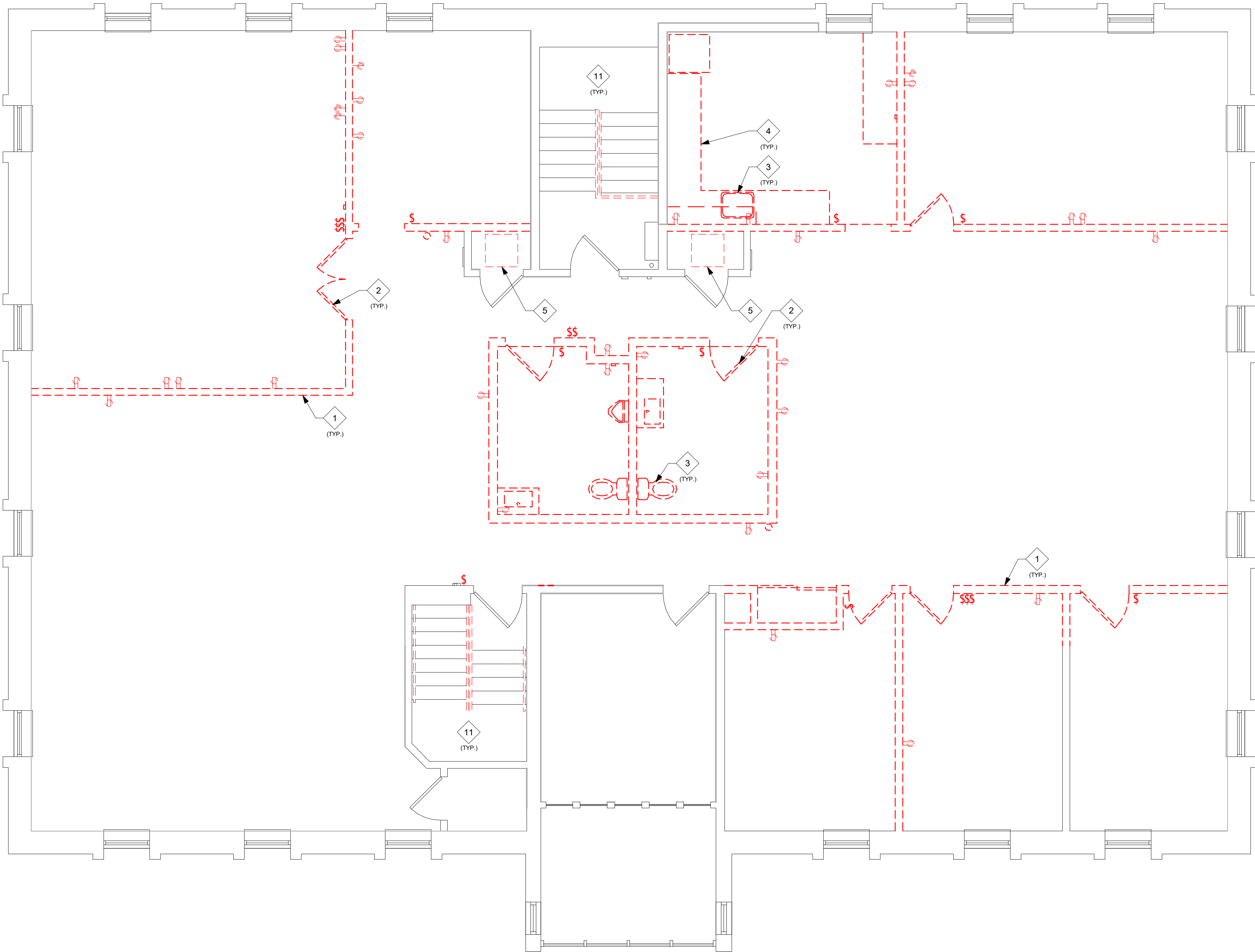


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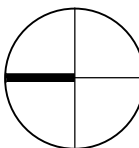
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1 THIRD FLOOR DEMOLITION PLAN
D-103 SCALE: 1/4" = 1'-0"

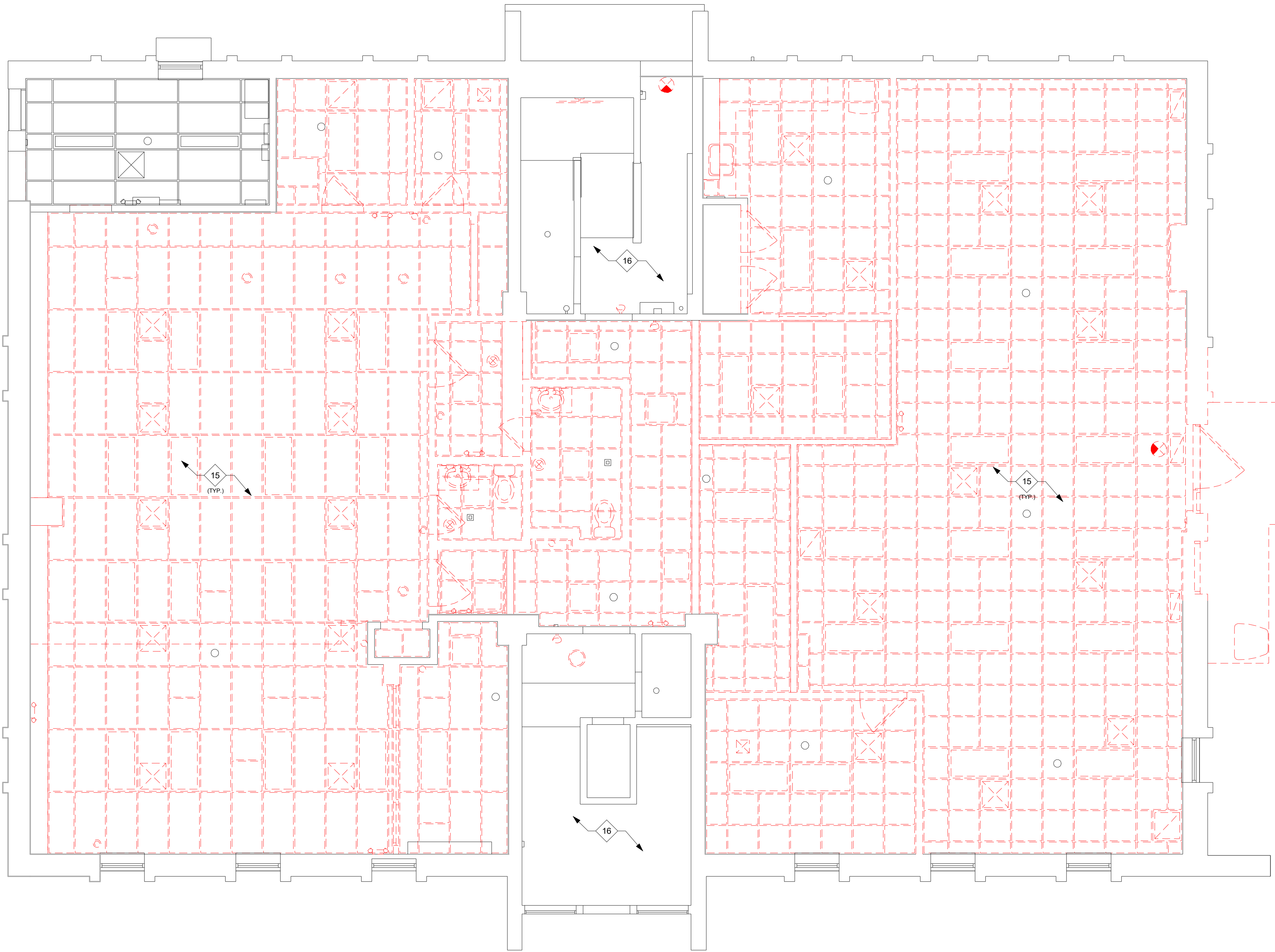


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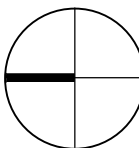
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1 FIRST FLOOR DEMOLITION CEILING PLAN
D-121 SCALE: 1/4" = 1'-0"

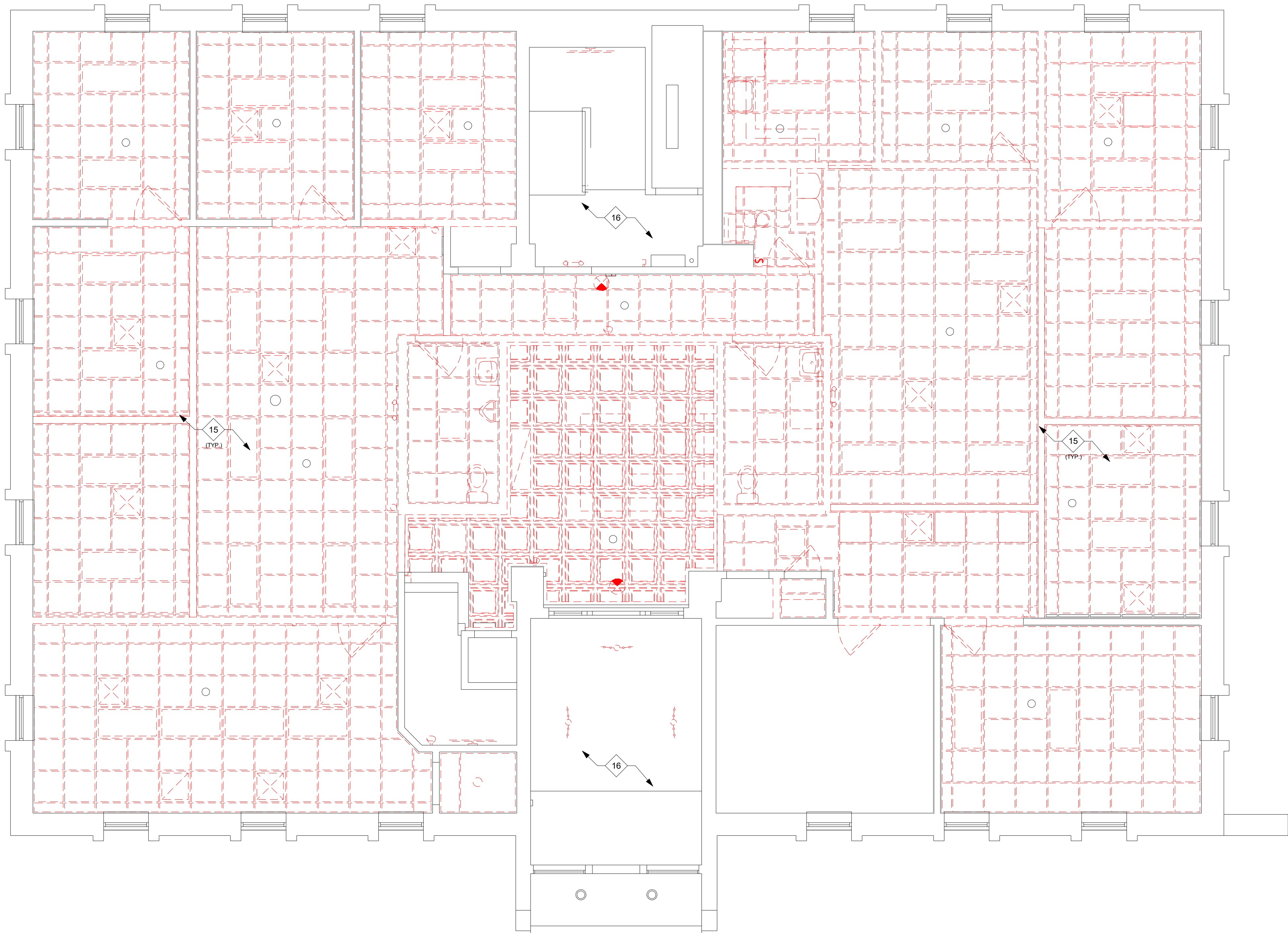


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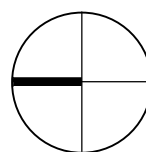
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1 SECOND FLOOR DEMOLITION CEILING PLAN
D-122 SCALE: 1/4" = 1'-0"

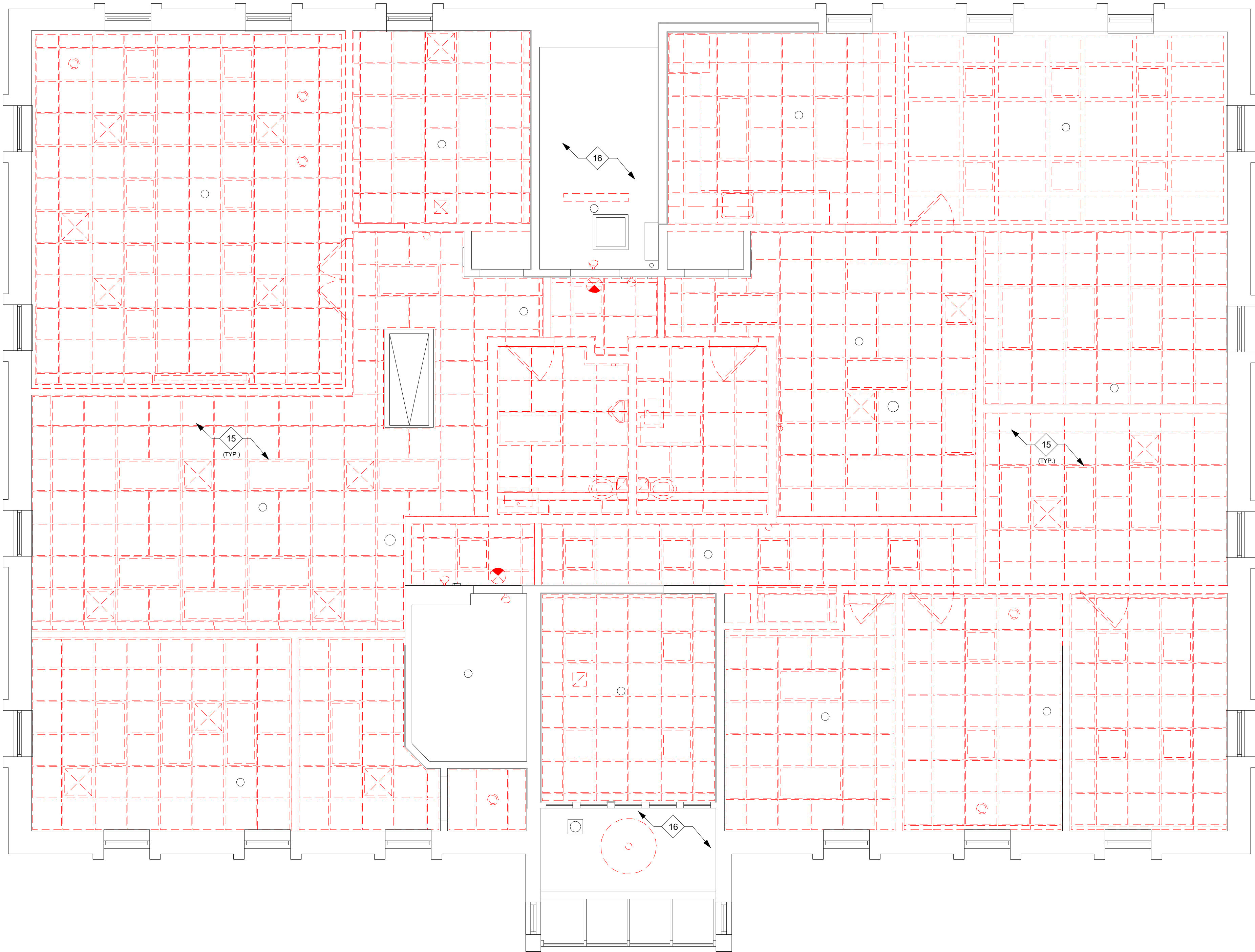


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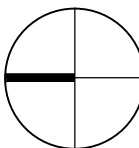
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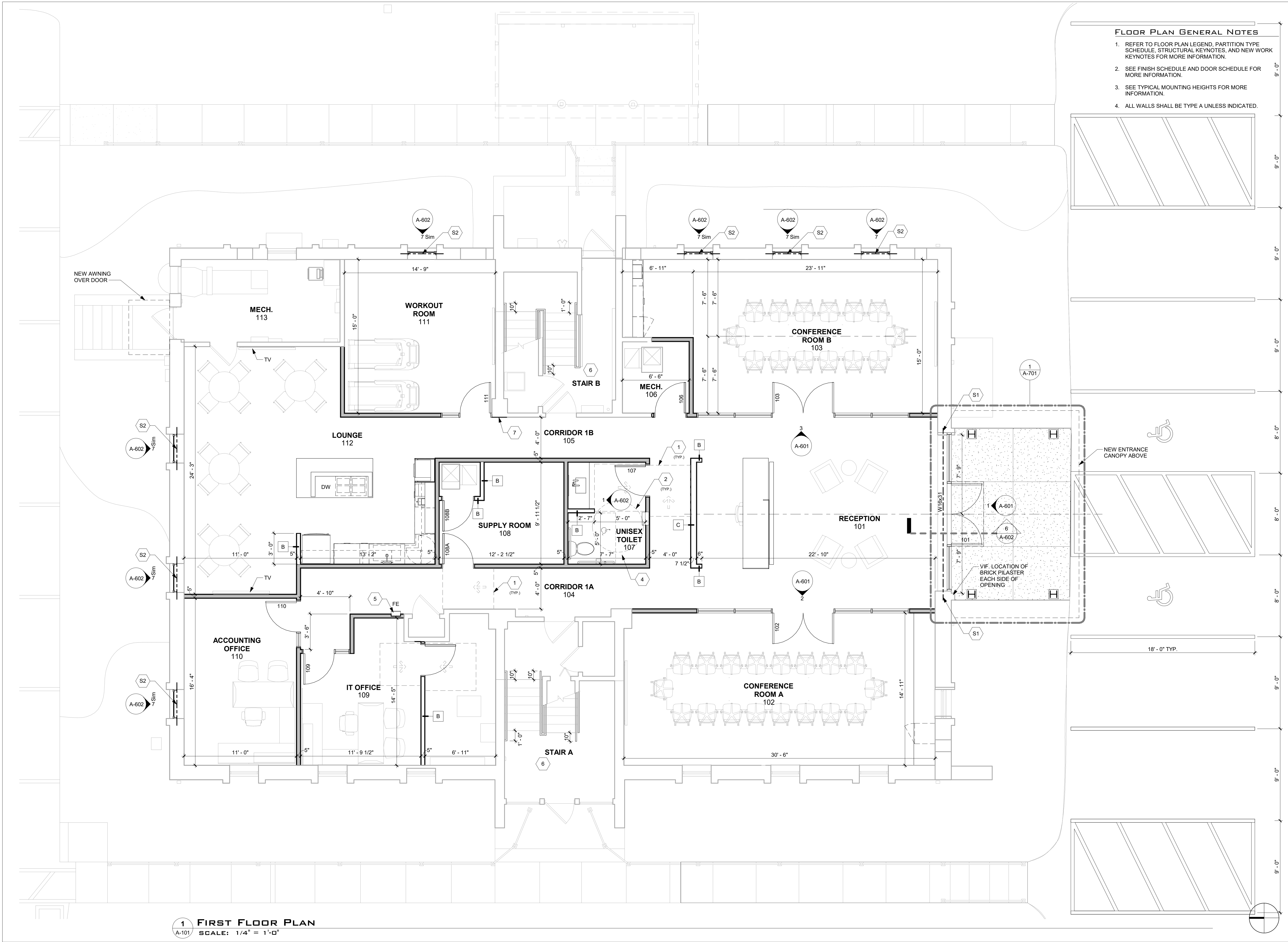
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1 THIRD FLOOR DEMOLITION CEILING PLAN
D-123 SCALE: 1/4" = 1'-0"





FLOOR PLAN GENERAL NOTES

1. REFER TO FLOOR PLAN LEGEND, PARTITION TYPE SCHEDULE, STRUCTURAL KEYNOTES, AND NEW WORK KEYNOTES FOR MORE INFORMATION.
2. SEE FINISH SCHEDULE AND DOOR SCHEDULE FOR MORE INFORMATION.
3. SEE TYPICAL MOUNTING HEIGHTS FOR MORE INFORMATION.
4. ALL WALLS SHALL BE TYPE A UNLESS INDICATED.

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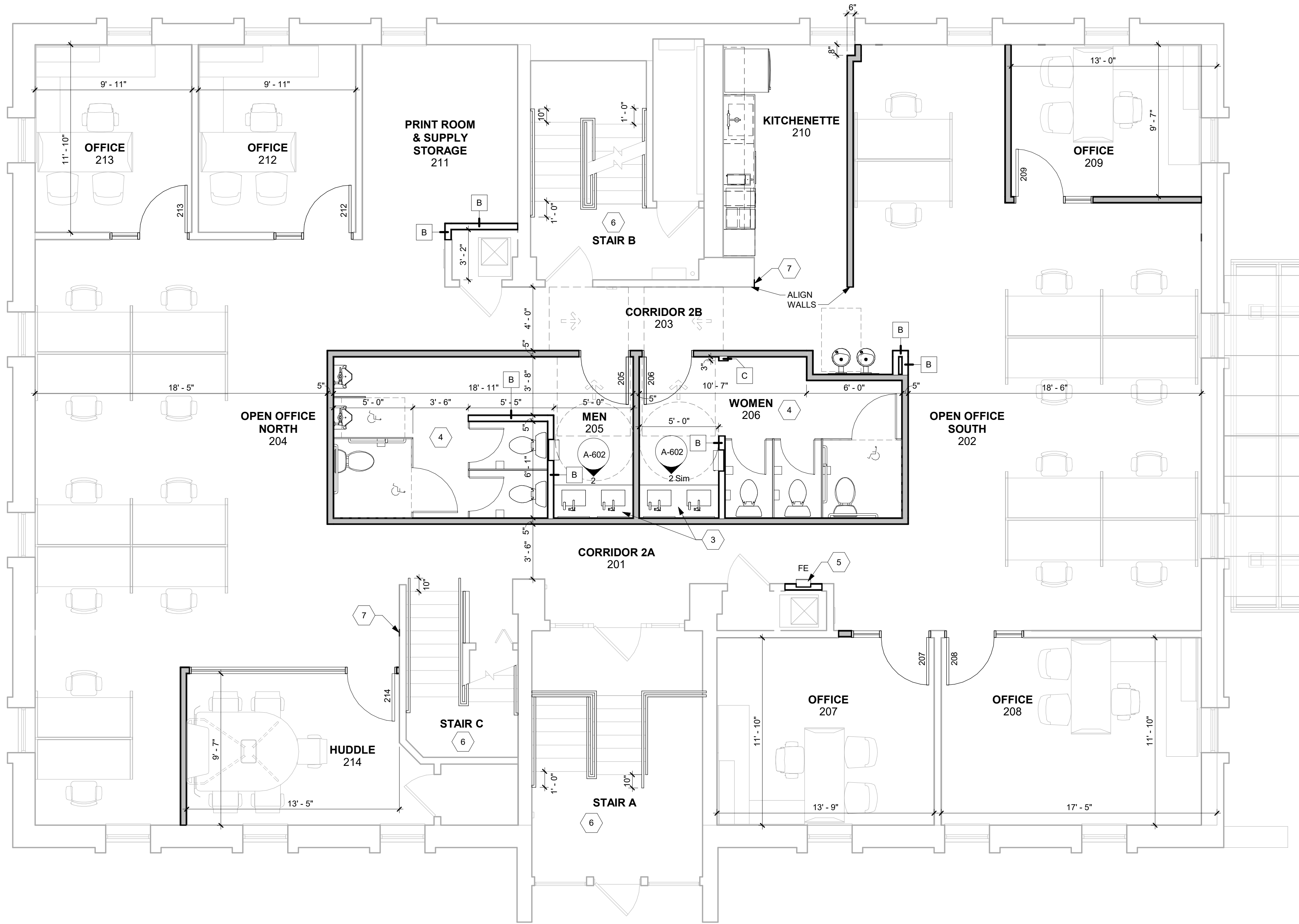
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SHEET TITLE:
First Floor Plan

SHEET NO:

A-101

1 FIRST FLOOR PLAN
SCALE: 1/4" = 1'-0"



1 SECOND FLOOR PLAN
SCALE: 1/4" = 1'-0"

FLOOR PLAN GENERAL NOTES

- REFER TO FLOOR PLAN LEGEND, PARTITION TYPE SCHEDULE, STRUCTURAL KEYNOTES, AND NEW WORK KEYNOTES FOR MORE INFORMATION.
- SEE FINISH SCHEDULE AND DOOR SCHEDULE FOR MORE INFORMATION.
- SEE TYPICAL MOUNTING HEIGHTS FOR MORE INFORMATION.
- ALL WALLS SHALL BE TYPE A UNLESS INDICATED.

FLOOR PLAN LEGEND

Room name	
101	ROOM TAG
101	DOOR TAG
A	WALL TAG
	ACCESSIBLE SYMBOL

PARTITION TYPE SCHEDULE

A	1 LAYER OF 5/8" GYP. BD. EACH SIDE (ONE SIDE WHERE NOT EXPOSED) ON 3-5/8" 20 GA. METAL STUDS @ 16" O.C EXTEND WALL TO BOTTOM OF DECK. STUD CAVITY TO BE FILLED WITH 3" SOUND ATTENUATING BATT INSUL (STC 49).
B	1 LAYER OF 5/8" GYP. BD. EACH SIDE (ONE SIDE WHERE NOT EXPOSED) ON 3-5/8" 20 GA. METAL STUDS @ 16" O.C EXTEND WALL TO BOTTOM OF DECK.
C	1 LAYER OF 5/8" GYP. BD. EACH SIDE (ONE SIDE WHERE NOT EXPOSED) ON 6" 20 GA. METAL STUDS @ 16" O.C EXTEND WALL TO BOTTOM OF DECK.

STRUCTURAL KEYNOTES

- STEEL LINTEL BEARING ON 10"x10"x3/4" BEARING PLATE WITH (2) 1/2" HEADED STUDS. GROUT 24" WIDE x 24" DEEP UNDER BEARING PLATE. ADD (2) #5 VERTICAL BARS IN CORE ADJACENT TO OPENING AND GROUT SOLID FULL HEIGHT.
- W8x24 STEEL LINTEL BEARING ON 8"x8"x1/2" BEARING PLATE WITH (2) 1/2" HEADED STUDS. GROUT 24" WIDE x 24" DEEP UNDER BEARING PLATE. ADD 3/8" STEEL PLATE TO BOTTOM FLANGE OF LINTEL TO SUPPORT EXISTING BRICK VENEER.

NEW WORK KEYNOTES

- LIGHT DASHED LINES INDICATE REQUIRED DOOR MANEUVERING CLEARANCE FOR ACCESSIBILITY.
- LIGHT DASHED CIRCLE INDICATES REQUIRED 5 FEET TURNING RADIUS FOR ACCESSIBILITY.
- NEW MILLWORK (SEE INTERIOR ELEVATIONS FOR MORE INFO.).
- SEE TOILET ACCESSORIES SCHEDULE FOR ALL ACCESSORIES SCHEDULED IN ROOM. SEE TYPICAL MOUNTING HEIGHTS DETAIL FOR MOUNTING INFORMATION.
- SEMI-RECESSED STAINLESS STEEL FIRE EXTINGUISHER CABINET WITH FIRE EXTINGUISHER 4A-80B.C.
- NEW HANDRAILS AND GUARDRAILS WITHIN STAIR. SEE SHEET A-130 AND A-602 FOR DETAILS.
- PATCH WALL TO MATCH ADJACENT SURFACES.

DANIEL
BOGGS
ARCHITECT

ARCHITECTURE
&
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26143 EAST RIVER ROAD
GROSSE ILE, MI 48138
248.882.3642

PROJECT:
CV Engineering
Renovation
3400 McKnight East Drive
Pittsburgh, PA 15237

CONSULTANT:

PROFESSIONAL SEAL:

ISSUED:
01-29-26 Client Review
02-18-26 Revision
03-02-26 Revision
03-03-26 Revision
05-27-26 Design Development Set
08-03-26 Construction Set

PROJECT NO:
2025.28

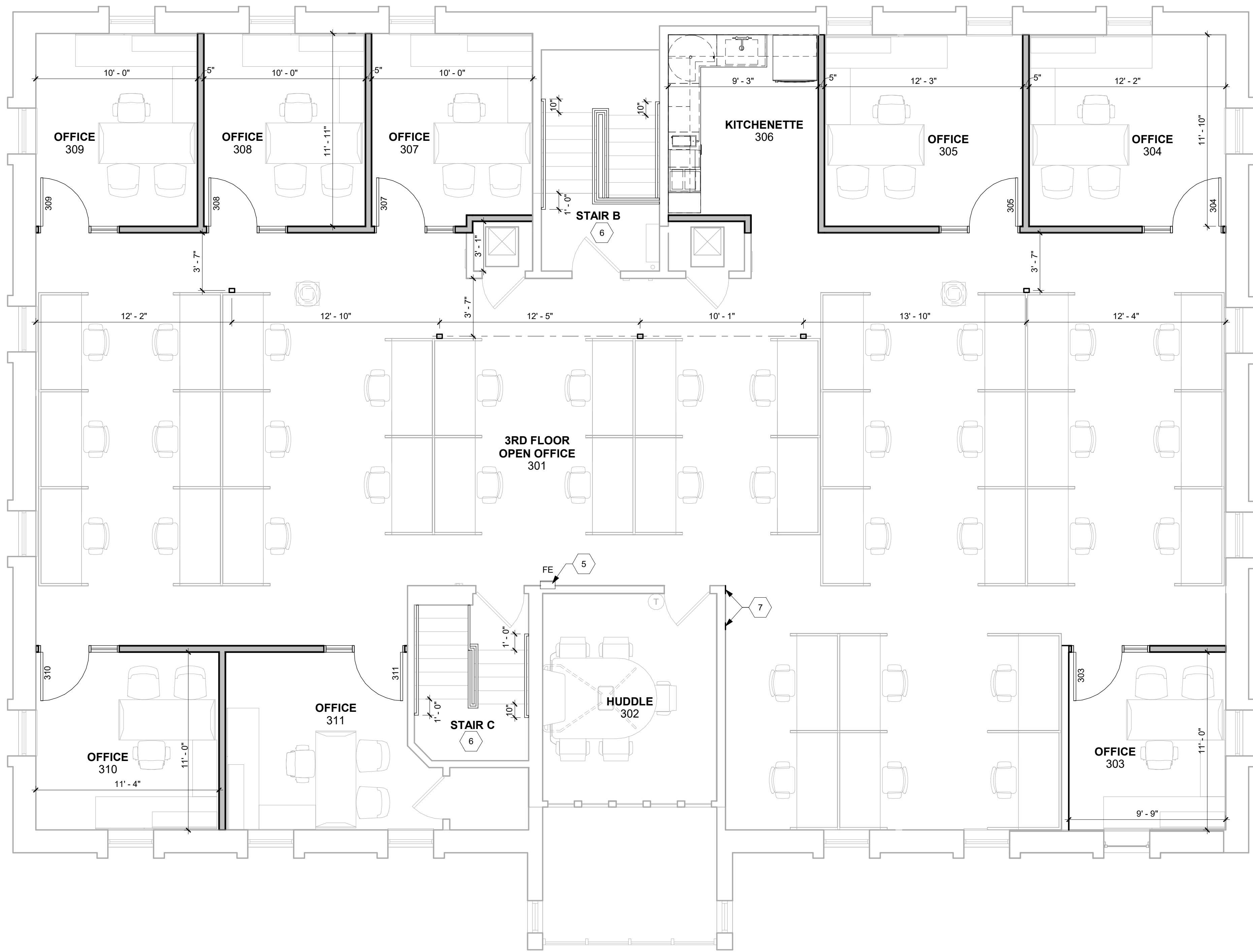
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DWB

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Architect.

SHEET TITLE:
Second Floor Plan

SHEET NO:

A-102



1 THIRD FLOOR PLAN
A-103 SCALE: 1/4" = 1'-0"

- FLOOR PLAN GENERAL NOTES**
1. REFER TO FLOOR PLAN LEGEND, PARTITION TYPE SCHEDULE, STRUCTURAL KEYNOTES, AND NEW WORK KEYNOTES FOR MORE INFORMATION.
 2. SEE FINISH SCHEDULE AND DOOR SCHEDULE FOR MORE INFORMATION.
 3. SEE TYPICAL MOUNTING HEIGHTS FOR MORE INFORMATION.
 4. ALL WALLS SHALL BE TYPE A UNLESS INDICATED.

FLOOR PLAN LEGEND

Room name	
101	ROOM TAG
101	DOOR TAG
A	WALL TAG
	ACCESSIBLE SYMBOL

- PARTITION TYPE SCHEDULE**
- | | |
|---|---|
| A | 1 LAYER OF 5/8" GYP. BD. EACH SIDE (ONE SIDE WHERE NOT EXPOSED) ON 3-5/8" 20 GA. METAL STUDS @ 16" O.C EXTEND WALL TO BOTTOM OF DECK. STUD CAVITY TO BE FILLED WITH 3" SOUND ATTENUATING BATT INSUL (STC 49). |
| B | 1 LAYER OF 5/8" GYP. BD. EACH SIDE (ONE SIDE WHERE NOT EXPOSED) ON 3-5/8" 20 GA. METAL STUDS @ 16" O.C EXTEND WALL TO BOTTOM OF DECK. |
| C | 1 LAYER OF 5/8" GYP. BD. EACH SIDE (ONE SIDE WHERE NOT EXPOSED) ON 6" 20 GA. METAL STUDS @ 16" O.C EXTEND WALL TO BOTTOM OF DECK. |

- STRUCTURAL KEYNOTES**
- S1 STEEL LINTEL BEARING ON 10"x10"x3/4" BEARING PLATE WITH (2) 1/2" HEADED STUDS. GROUT 24" WIDE x 24" DEEP UNDER BEARING PLATE. ADD (2) #5 VERTICAL BARS IN CORE ADJACENT TO OPENING AND GROUT SOLID FULL HEIGHT.
 - S2 W8x24 STEEL LINTEL BEARING ON 8"x8"x1/2" BEARING PLATE WITH (2) 1/2" HEADED STUDS. GROUT 24" WIDE x 24" DEEP UNDER BEARING PLATE. ADD 3/8" STEEL PLATE TO BOTTOM FLANGE OF LINTEL TO SUPPORT EXISTING BRICK VENEER.

- NEW WORK KEYNOTES**
- 1 LIGHT DASHED LINES INDICATE REQUIRED DOOR MANEUVERING CLEARANCE FOR ACCESSIBILITY.
 - 2 LIGHT DASHED CIRCLE INDICATES REQUIRED 5 FEET TURNING RADIUS FOR ACCESSIBILITY.
 - 3 NEW MILLWORK (SEE INTERIOR ELEVATIONS FOR MORE INFO.).
 - 4 SEE TOILET ACCESSORIES SCHEDULE FOR ALL ACCESSORIES SCHEDULED IN ROOM. SEE TYPICAL MOUNTING HEIGHTS DETAIL FOR MOUNTING INFORMATION.
 - 5 SEMI-RECESSED STAINLESS STEEL FIRE EXTINGUISHER CABINET WITH FIRE EXTINGUISHER 4A-80B.C.
 - 6 NEW HANDRAILS AND GUARDRAILS WITHIN STAIR. SEE SHEET A-130 AND A-602 FOR DETAILS.
 - 7 PATCH WALL TO MATCH ADJACENT SURFACES.

**DANIEL
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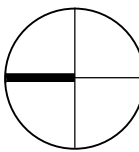
PROJECT NO:
2025.28

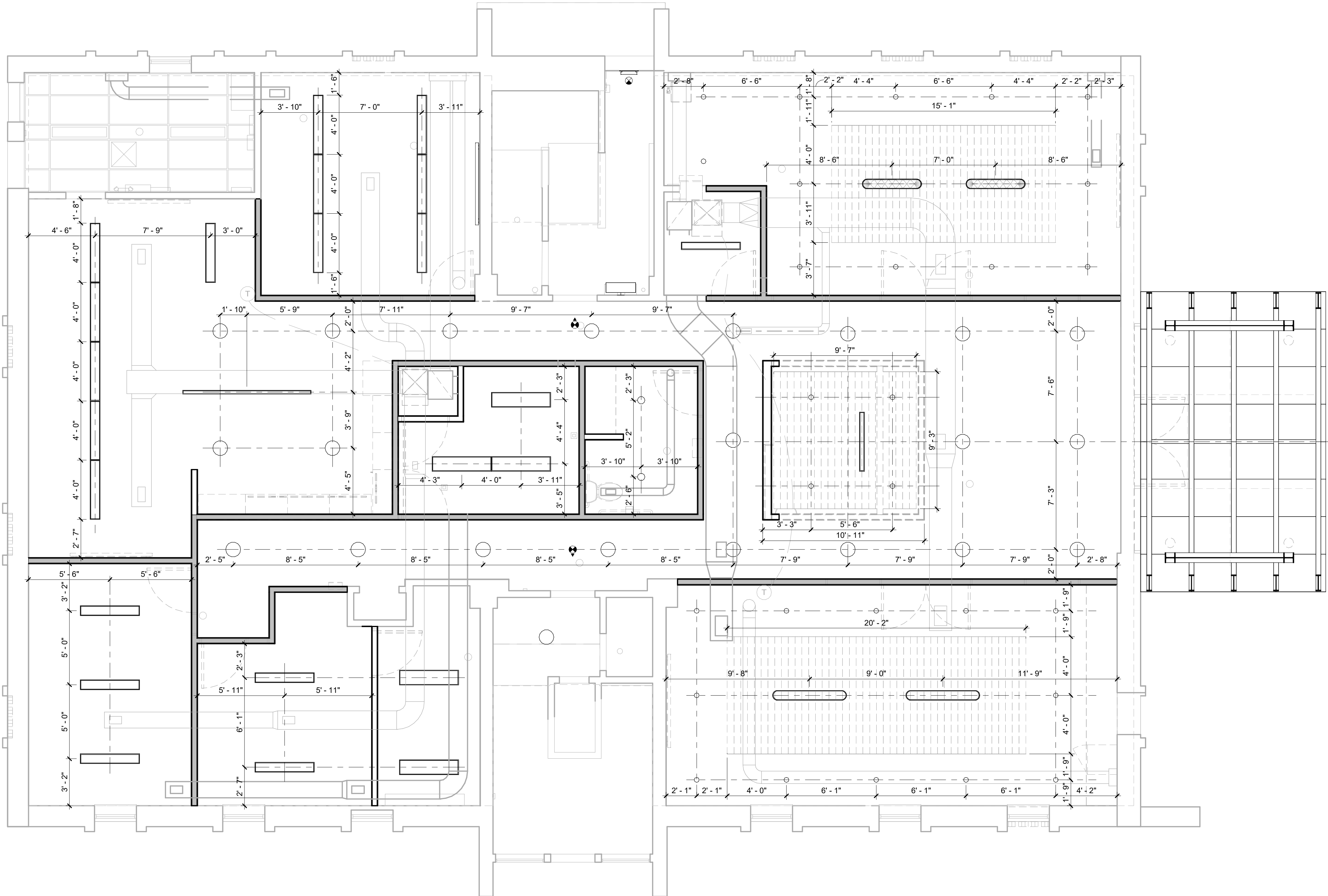
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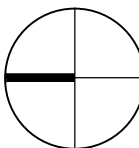
SHEET TITLE:
Third Floor Plan

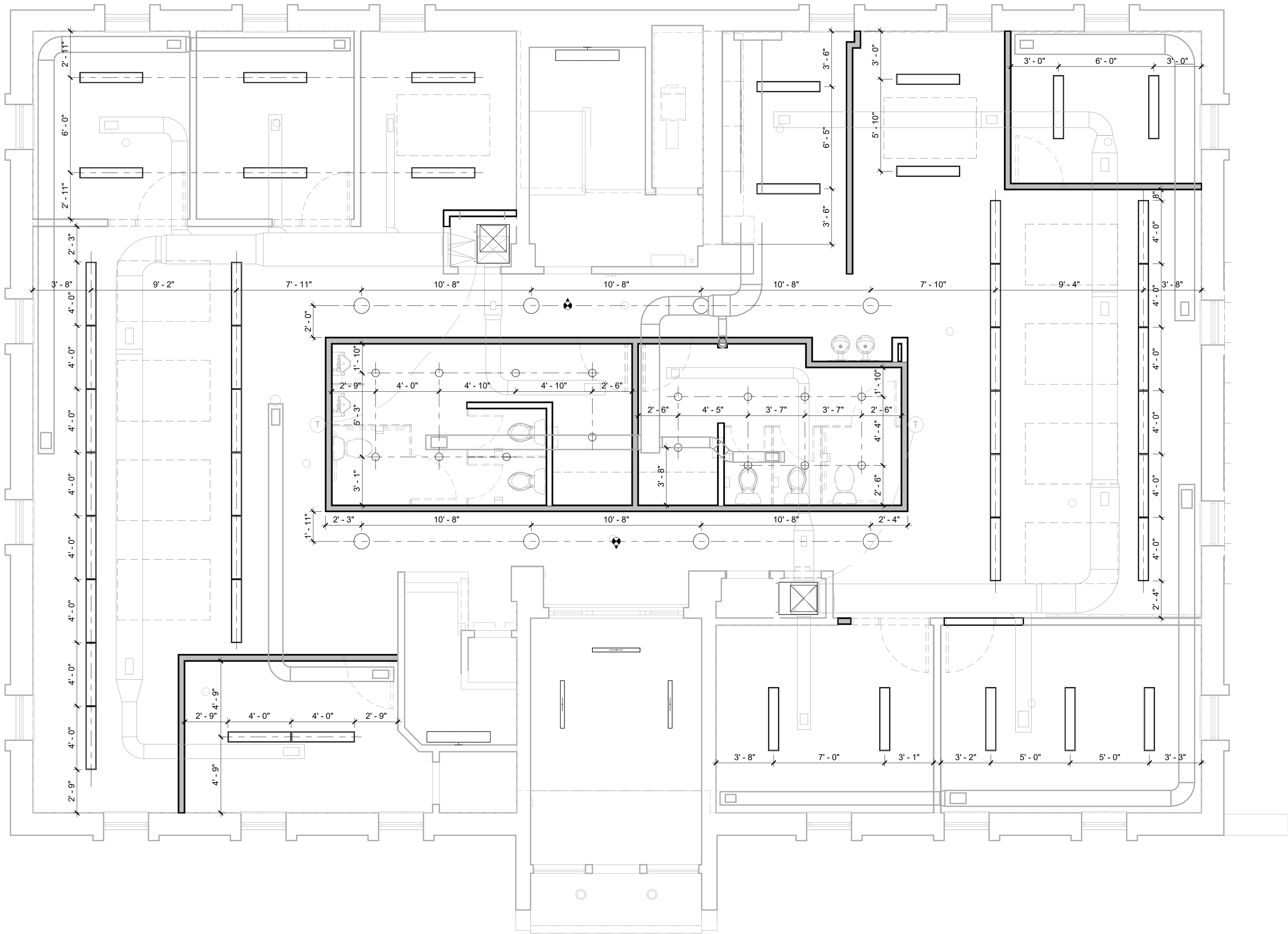
SHEET NO:
A-103



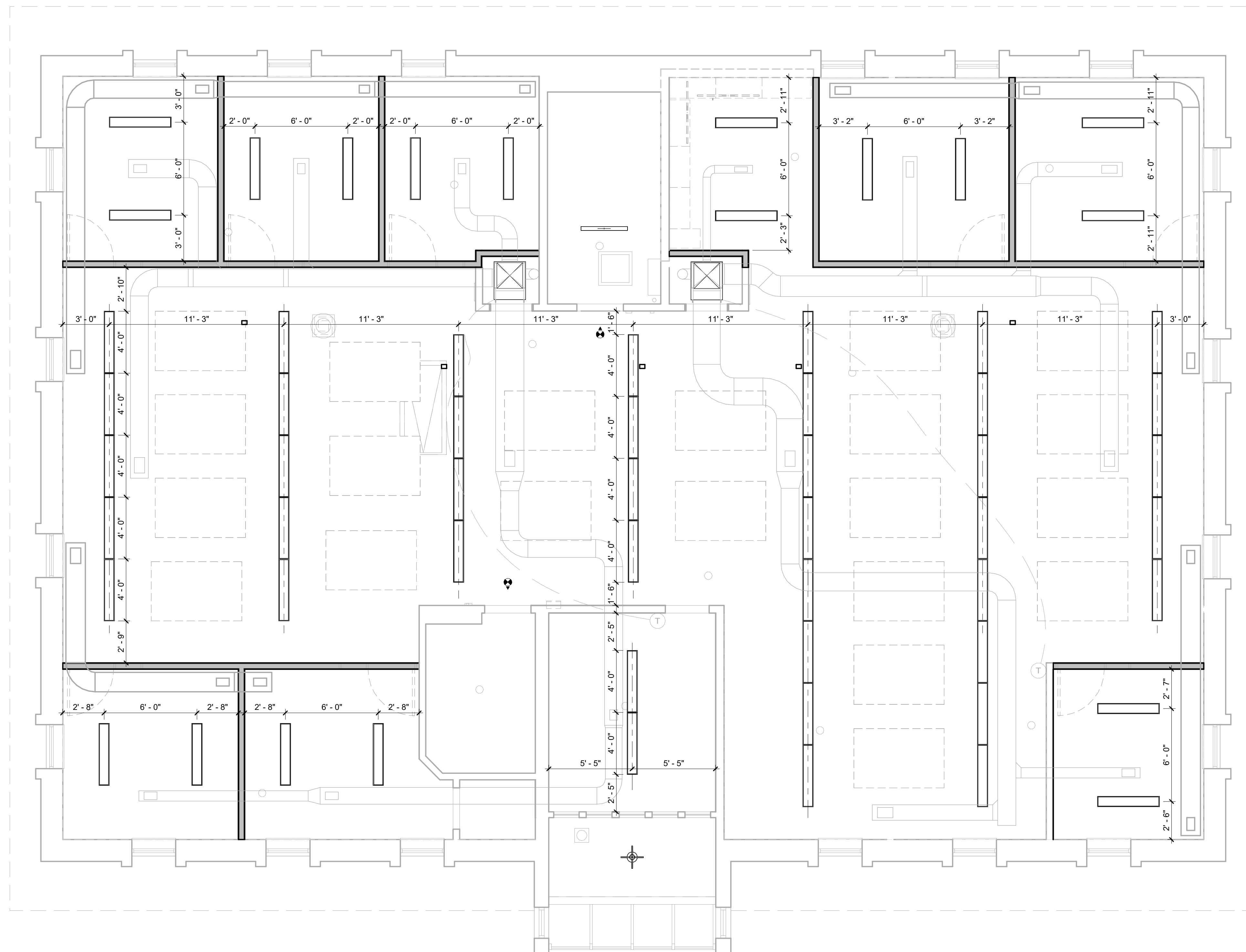


1 FIRST FLOOR CEILING PLAN
A-121 SCALE: 1/4" = 1'-0"





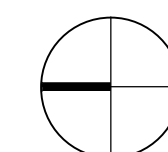
1 SECOND FLOOR CEILING PLAN
A-122 SCALE: 1/4" = 1'-0"

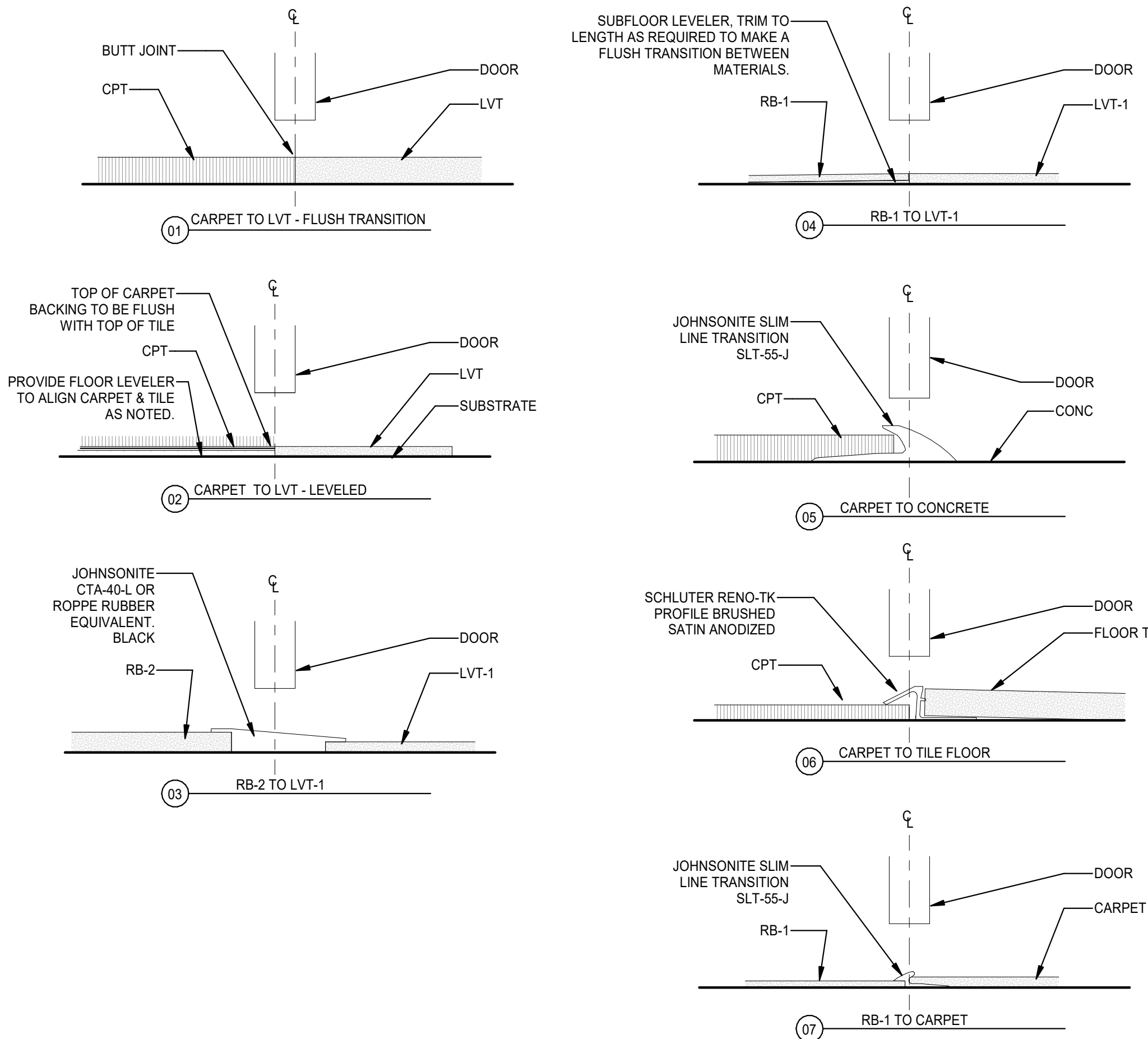


1 THIRD FLOOR CEILING PLAN
A-123 SCALE: 1/4" = 1'-0"

	2'x2' SUSPENDED CEILING
	GYPSUM BOARD CEILING/SOFFIT
	2'x4' RECESSED LED LIGHTING TROFFER
	2'x2' RECESSED LED LIGHTING TROFFER
	SUPPLY DIFFUSER
	RETURN GRILLE
	EXHAUST GRILLE
	6" RECESSED LED DOWN LIGHT
	WIRELESS ACCESS POINT
	DIRECTIONAL SECURITY CAMERA

1. THE LOCATION OF MECHANICAL AND ELECTRICAL COMPONENTS LOCATED WITHIN CEILING SHALL BE AS INDICATED ON ARCHITECTURAL PLANS. IF THERE ARE ANY DISCREPANCIES BETWEEN ARCHITECTURAL AND MEP DRAWINGS NOTIFY ARCHITECT. COORDINATE NEW MECHANICAL AND ELECTRICAL COMPONENT QUANTITIES, TYPES, AND SIZES WITH MECHANICAL AND ELECTRICAL CONTRACTOR.
2. USE DIMENSIONS FOR ALL CEILING ELEMENTS. IF THERE ARE NO DIMENSIONS CENTER ELEMENTS WITHIN ROOM.



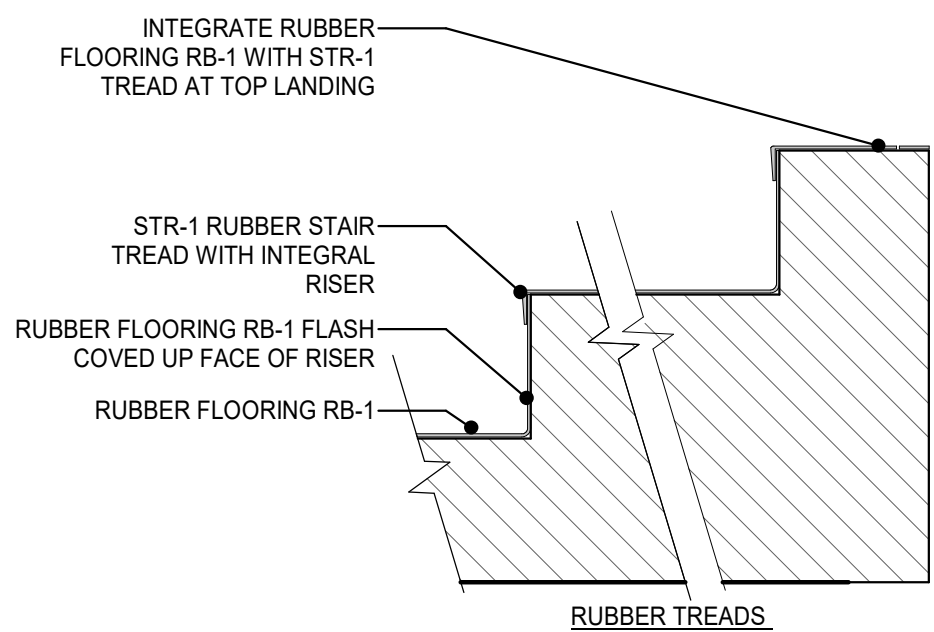


1 FLOOR TRANSITION DETAILS
A-130 SCALE: 6" = 1'-0"

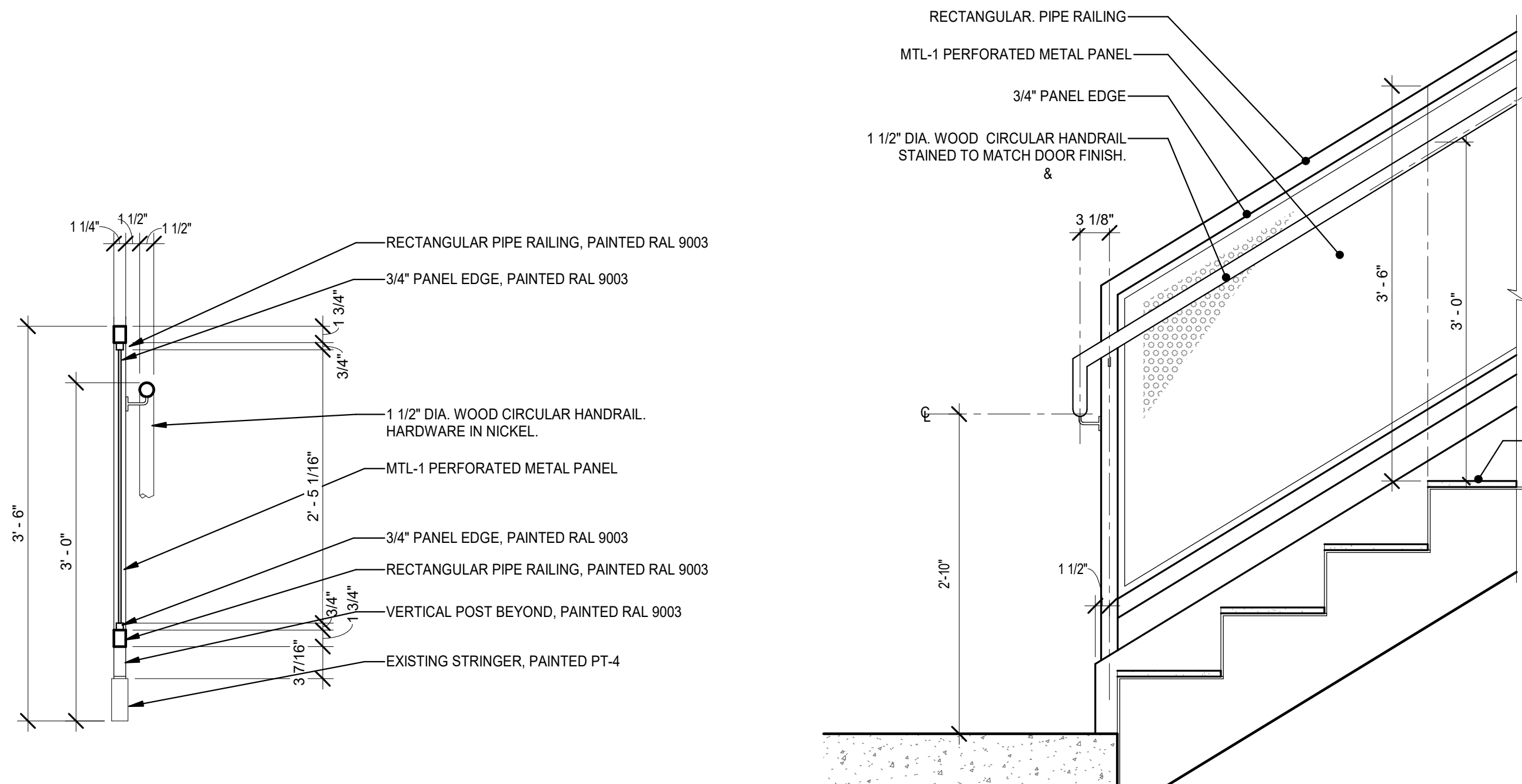
FINISH LEGEND									
LABEL	DESCRIPTION	MANUFACTURER	COLLECTION / STYLE	COLOR / NO.	SIZE / FINISH	INSTALLATION	NOTE	REP CONTACT	
CLG-1	CEILING BAFFLE	TURF	DROP BAFFLE STRAIGHT	BISQUE / R09 CREAM / 01	12" DROP 5-1/2" SPACING	UNISTRUT	SEE RCP FOR SIZE	LAUREN PATAKY lpataky@armstrongceilings.com	
CLG-2	CEILING BAFFLE	TURF	DROP BAFFLE STRAIGHT	BISQUE / R09 CREAM / 01	12" DROP 5-1/2" SPACING	UNISTRUT	SEE RCP FOR SIZE	LAUREN PATAKY lpataky@armstrongceilings.com	
CLG-3	CEILING BAFFLE	TURF	DROP BAFFLE STRAIGHT	BISQUE / R09 CREAM / 01	12" DROP 5-1/2" SPACING	UNISTRUT	SEE RCP FOR SIZE	LAUREN PATAKY lpataky@armstrongceilings.com	
CLG-4	CEILING BAFFLE	ARMSTRONG CEILING	SOUNDSCAPES / SHAPES	SMALL RECTANGLE / WHITE DWH	5'-10" x 3'-10"	SEE RCP	--	LAUREN PATAKY lpataky@armstrongceilings.com	
CPT-1	CARPET	SHAW CONTRACT	DYE LAB ST041	MINT / 41395	24" SQUARE	QUARTER TURN	--	HEATHER GIORDANO heather.giordano@shawcontract.com	
CPT-2	CARPET	PATCRAFT	DECONSTRUCTED METAL / METALLIC	ONYX GRAPHITE / 00590	12" x 48"	BRICK	--	LESLIE WALDRON leslie.waldron@patcraft.com	
CPT-3	CARPET	MANNINGTON	ALCHEMY 0422	DOO-WOP / 42222 CHRMT	12" x 36"	VERTICAL ASHLAR	--	JENNIFER PAUL jennifer.paul@mannington.com	
CPT-4	CARPET	MANNINGTON	CHANNEL RMX	LAVA / 14003 COA2T	12 x 36"	VERTICAL ASHLAR	--	JENNIFER PAUL jennifer.paul@mannington.com	
CPT-5	CARPET	MANNINGTON	COLOR ANCHOR II	DOO-WOP / 42222 DISRT	12" x 36"	VERTICAL ASHLAR	--	JENNIFER PAUL jennifer.paul@mannington.com	
CPT-6	CARPET	MANNINGTON	DISC RMX	CONCEPT / 15173	12" ROLL	VERTICAL ASHLAR	--	JENNIFER PAUL jennifer.paul@mannington.com	
CPT-7	CARPET	MANNINGTON	SUBLINE STATE	DOO-WOP / 42222 DISRT	12" x 36"	VERTICAL ASHLAR	--	JENNIFER PAUL jennifer.paul@mannington.com	
EPX-1	EPOXY CONCRETE FLOORING	SHERWIN WILLIAMS	RESUFLOOR GRAND AND SEAL	CLEAR	--	--	--	CHASE KUHN'S chase.c.kuhn@sherwin.com	
FLT-1	FELT WALL SYSTEM	ACOUFELT	ALCHEMY 0422	KALE / KA12	24" x 96" x 4" SCALLOP	WALL TO WALL	--	SABRINA TRUAN sabrina.truan@acoufelt.com	
FLT-2	FELT WALL SYSTEM	KIREI	EMBOSSED PANEL / ZEN	VINYARD 017	44.5" w x 110.2" h PANEL	WALL TO WALL	--	JOAN GRANDE joan@spectrumarchproducts.com	
FLT-3	FELT WALL SYSTEM	ACOUFELT	FRRACTURE TWO-TONE / BARCODE	FACE: OREGANO OR18 BACK: KALE KA12	48"W x 96" H PANEL	WALL TO WALL	--	SABRINA TRUAN sabrina.truan@acoufelt.com	
GL-1	GLASS	CARVART	02 COLOR LAMINATED	02-C077-V-T-36670	5/16" T	--	SEE RECEPTION AREA DETAILS	NATASHA CATLIN ncatlin@kma.bz	
HPL-1	HIGH PRESSURE LAMINATE	WILSONART	TRACELESS	BLACK VELVET / 15505	ULTRA MATTE FINISH	--	--	AMBER CHORBA amberc@bennettsupply.com	
HPL-2	HIGH PRESSURE LAMINATE	FORMICA	HIGH PRESSURE LAMINATE	CHERRY PB SIENNA / 8279K-05	TIMBERGRAIN FINISH	--	--	CYNTHIA NOLL cnoll@hooddistribution.com	
LVT-1	LUXURY VINYL TILE	PATCRAFT	TRUE SPECIES 5.0	HAZELNUT OAK / 00725	9" x 60"	RANDOM	--	LESLIE WALDRON leslie.waldron@patcraft.com	
LVT-2	LUXURY VINYL TILE	PATCRAFT	NEOLITH	MENAGGIO-V2 / 00530	18" x 36"	MONOLITHIC	--	LESLIE WALDRON leslie.waldron@patcraft.com	
MTL-1	DECORATIVE METAL	MOZ	LASERCUT SKYLINE	EMERALD SAND	--	RAILING PANELING	SEE RAILING DETAILS	JAMIE SANDFORD jamie@mozdesigns.com	
MTL-2	DECORATIVE METAL	CHEMETAL	METAL IMAGES	ALU MEDIUM / 353	4' x 8' SHEET	--	--	KRISTEN FINNERTY kfinnerty@richelieu.com	
PT-1	PAINT	PPG	--	SILVER FEATHER / PPG1002-1	--	--	--	JEFF SKUBA jskuba@ppg.com	
PT-2	PAINT	PPG	--	COOL SLATE / PPG1002-3	--	--	--	JEFF SKUBA jskuba@ppg.com	
PT-3	PAINT	PPG	--	ENGLISH IVY / PPG1134-6	--	--	--	JEFF SKUBA jskuba@ppg.com	
PT-4	PAINT	PPG	--	BLACK MAGIC / PPG1001-7	--	--	--	JEFF SKUBA jskuba@ppg.com	
PT-5	PAINT	PPG	--	SHADOWY / PPG0998-4	--	--	--	JEFF SKUBA jskuba@ppg.com	
QTZ-1	QUARTZ	CORIAN	QUARTZ	DOVE GREY	LEATHERED	--	--	NICKOLETTE GOODDEMOTTE n.gooddemotte@ovsco.com	
RB-1	RUBBER FLOORING	ROPPE	RUBBER TILE	995 RENEW BLACK / R100	19-11/16" X 19-11/16" HAMMERED	--	--	NICK DEMITRAS nick@allfloorsupplies.com	
RB-2	RUBBER FLOORING	TARKETT	REPLAY TILE	MANTIS / COMMIT-RA6	24"x24" TILE	INTERLOCKING LOOSE LAY	--	DAN BERARDELLI dan.berardelli@tarkett.com	
SS-1	SOLID SURFACE	DURAT	SOLID SURFACE	730-50	114.17" x 31.5" x 47"	--	--	--	
SS-2	SOLID SURFACE	DURAT	SOLID SURFACE	100-50	114.17" x 31.5" x 47"	--	--	--	
STR-1	STAIR TREAD	ROPPE	RUBBER HAMMERED W/ RISER	RENEW BLACK R100	VIF WIDTH REQUIRED HAMMERED	--	--	NICK DEMITRAS nick@allfloorsupplies.com	
TLF-1	TILE - FLOOR	SHAW CONTRACT	FRAGMENTED	MEADOW / 00395	24" SQUARE MATTE	MONOLITHIC	GROUT: LATICRETE 89 SMOKE GREY	CLAUDIA FARMER claudia.farmer@daltille.com	
TLW-1	TILE - WALL	DALTILE	LUMINIQUE / HANDCRAFTED	JUNIPER / 0185	12" x 24"	MONOLITHIC	GROUT: LATICRETE 89 SMOKE GREY	CLAUDIA FARMER claudia.farmer@daltille.com	
TLW-2	TILE - WALL	DALTILE	LUMINIQUE / RECTANGLE FLUTED	JUNIPER / 0185	12" x 24"	MONOLITHIC	GROUT: LATICRETE 89 SMOKE GREY	CLAUDIA FARMER claudia.farmer@daltille.com	
TLW-3	TILE - WALL	BEDROSANS	MAKOTO 2" ROUND MATTE PORCELAIN	MMIDORI GREEN / DECKAMKG2RMOM	10" x 10" SHEET	--	GROUT: LATICRETE 85 ALMOND	--	
TLW-4	TILE - WALL	TILEBAR	METAL STAINLESS 3/4" PENNY MOSAIC	COPPER	11.75" x 11.75" SHEET	--	GROUT: LATICRETE 22 MIDNIGHT BLACK	ROWAN BROSAM rbrosam@tilebar.com	
WB-1	WALL BASE	ROPPE	PINNACLE RUBBER BASE	BLACK / 100	4" H	--	--	NICK DEMITRAS nick@allfloorsupplies.com	
WB-2	WALL BASE	JOHNSONITE	BASEWORKS THERMOSET RUBBER	DOVER / TB3	4" H	--	--	DAN BERARDELLI dan.berardelli@tarkett.com	
WB-3	WALL BASE	JOHNSONITE	BASEWORKS THERMOSET RUBBER	SILVER GREY / 55	4" H	--	--	DAN BERARDELLI dan.berardelli@tarkett.com	
WC-1	WALLCOVERING	MDC	BOLTA / VELVET	GREY BLEND / BBLV01	54" ROLL	--	--	WILL MICHAEL wmichael@mdcwall.com	
WC-2	WALLCOVERING	SUSTAINABLE MATERIALS	CONCRETE LITE FLEX	WHITE	VARIES / SMOOTH	--	SEE RECEPTION AREA DETAILS	PETE NICHOLS pete@sustainablematerials.com	
WC-3	WALLCOVERING	SURFACE MATERIALS	LEVEL DIGITAL WALLS	FITNESS GREEN / LX2403	CUSTOM	--	--	TRICIA LEWIS tricia@surfacematerials.com	

FINISH GENERAL NOTES:

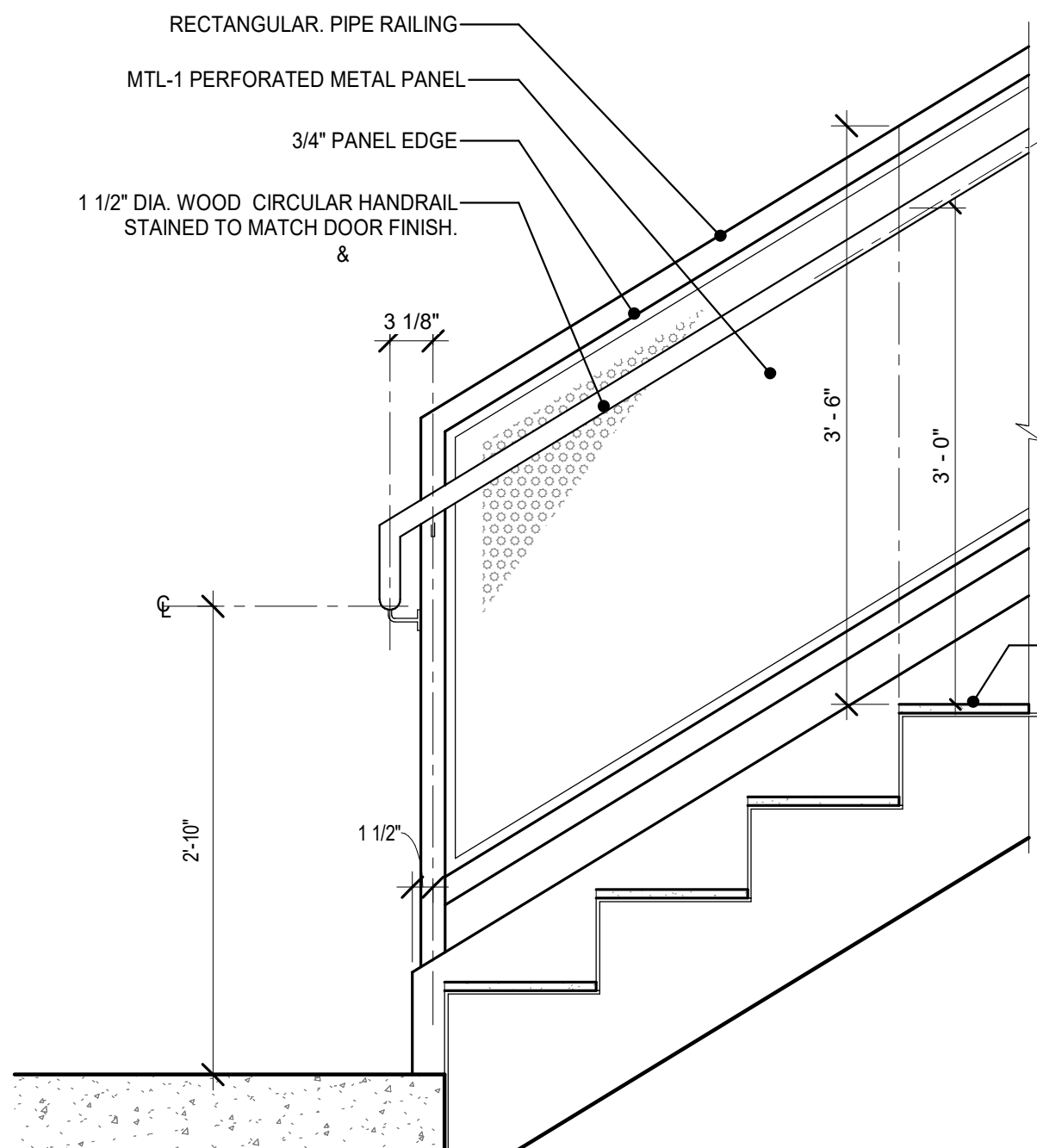
- A. ALL FINISH MATERIALS TO BE INSTALLED STRICTLY ACCORDING TO MANUFACTURER'S RECOMMENDED INSTALLATION PROCEDURES.
B. CONTRACTOR TO FIELD VERIFY ALL DIMENSIONS AND CONDITIONS.
C. ALL FINISH MATERIAL SHALL BE ORDERED UPON RECEIPT OF PROJECT TO AVOID LEAD TIME DELAYS. FAILURE TO DO SO WILL BE AT THE EXPENSE OF THE CONTRACTOR.
D. COMPLY WITH ALL GOVERNING CODES AND REGULATIONS FOR FINISHES.
E. ALL FLOORING TO RUN UNDERNEATH ALL CASEWORK.
F. ALL WALL FINISHES ARE INDICATED ON THE FINISH SCHEDULE. REFER TO PLAN FOR ADDITIONAL CLARIFICATIONS. ACCENT WALLS ARE INDICATED BY A LINE, SHOWING THE STOP AND STARTING POINTS WITH THE CORRESPONDING FINISH IN FRONT OF THE LINE.
G. RUN FLOORING MATERIALS IN THE DIRECTION AS INDICATED BY THE REPRESENTATIVE HATCH OR ARROW ON THE FLOOR FINISH PLAN, OR WITH SYMBOL NOTED.
H. CONTRACTOR SHALL ALIGN ALL SURFACES, REPAIR AND PATCH FLOOR SUBSTRATE AS REQUIRED FOR EACH FLOOR FINISH PRIOR TO MATERIAL INSTALLATION.
I. PROVIDE STRAIGHT, FLUSH RUBBER BASE AT CARPETED AREAS AND COVE TOP SET RUBBER BASE AT AREAS OF RESILIENT FLOORING UNLESS NOTED OTHERWISE.
J. REFER TO PROJECT SPECIFICATIONS FOR LEVEL OF FINISH FOR GYPSUM WALLBOARD PARTITIONS AND CEILINGS AS REQUIRED FOR SPECIFIED FINISHES.
K. ALL EXPOSED DUCTWORK, SPRINKLER PIPING, MISC. PIPING, & CONDUIT IN AREAS OF NO FINISHED CEILING ARE TO BE PAINTED AS TO MATCH SPECIFIED FINISH (WHERE APPLICABLE) UNO.
L. INTERSECTION OF TWO DIFFERENT (COLOR OR MATERIAL) FLOOR FINISHES SHALL OCCUR AT THE CORRIDOR SIDE OF THRESHOLD AT FRAMELESS OPENINGS, AND CENTERED UNDER THICKNESS OF DOOR AT OPENINGS WITH WOODS. PROVIDE THRESHOLD AT ALL FLOOR MATERIAL CHANGES - PROVIDE SUBMITTALS FOR ARCHITECTURAL APPROVAL.
M. ALL COLUMNS AND VERTICAL SHAFT ENCLOSURES THAT MEET THE FINISH FLOOR ARE TO RECEIVE BASE AS SPECIFIED IN ROOM SCHEDULE, UNO.
N. PERIMETER WALLS BELOW WINDOWS FRAMES ARE TO BE PAINTED TO MATCH COLOR/FINISH OF ADJACENT WALLS.
O. ALL SURFACE PREP TO BE IN COMPLIANCE WITH MANUFACTURER'S SPECIFICATIONS.
P. ALL WINDOW SILLS TO REMAIN, PROTECT DURING CONSTRUCTION AND CLEAN TO LIKE NEW CONDITION.



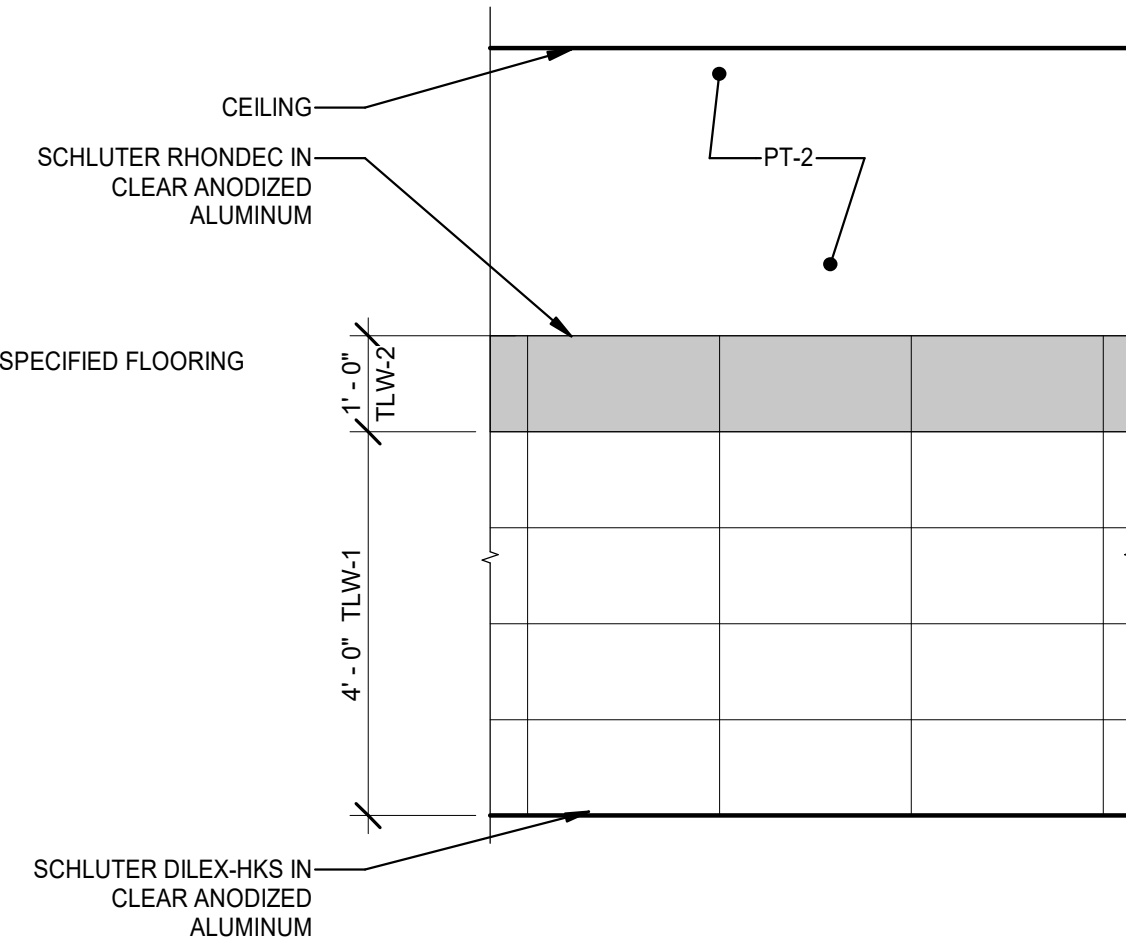
2 STAIR FINISH DETAILS
A-130 SCALE: 1 1/2" = 1'-0"



3 TYPICAL STAIR RAILING DETAIL FRONT
A-130 SCALE: 1" = 1'-0"



4 TYPICAL STAIR RAILING DETAIL SIDE
A-130 SCALE: 1" = 1'-0"



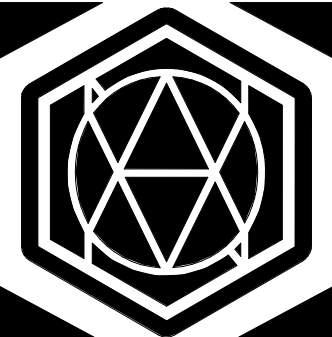
5 TYPICAL WALL TILE CONFIGURATION
A-130 SCALE: 1/2" = 1'-0"

**DANIEL
BOGGS
ARCHITECT**

**ARCHITECTURE
&
PLANNING**

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GROSSE ILE, MI 48138
248.882.3642**

**PROJECT:
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3400 McKnight East Drive
Pittsburgh, PA 15237**

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PITTSBURGH, PA 15237
412-366-0222

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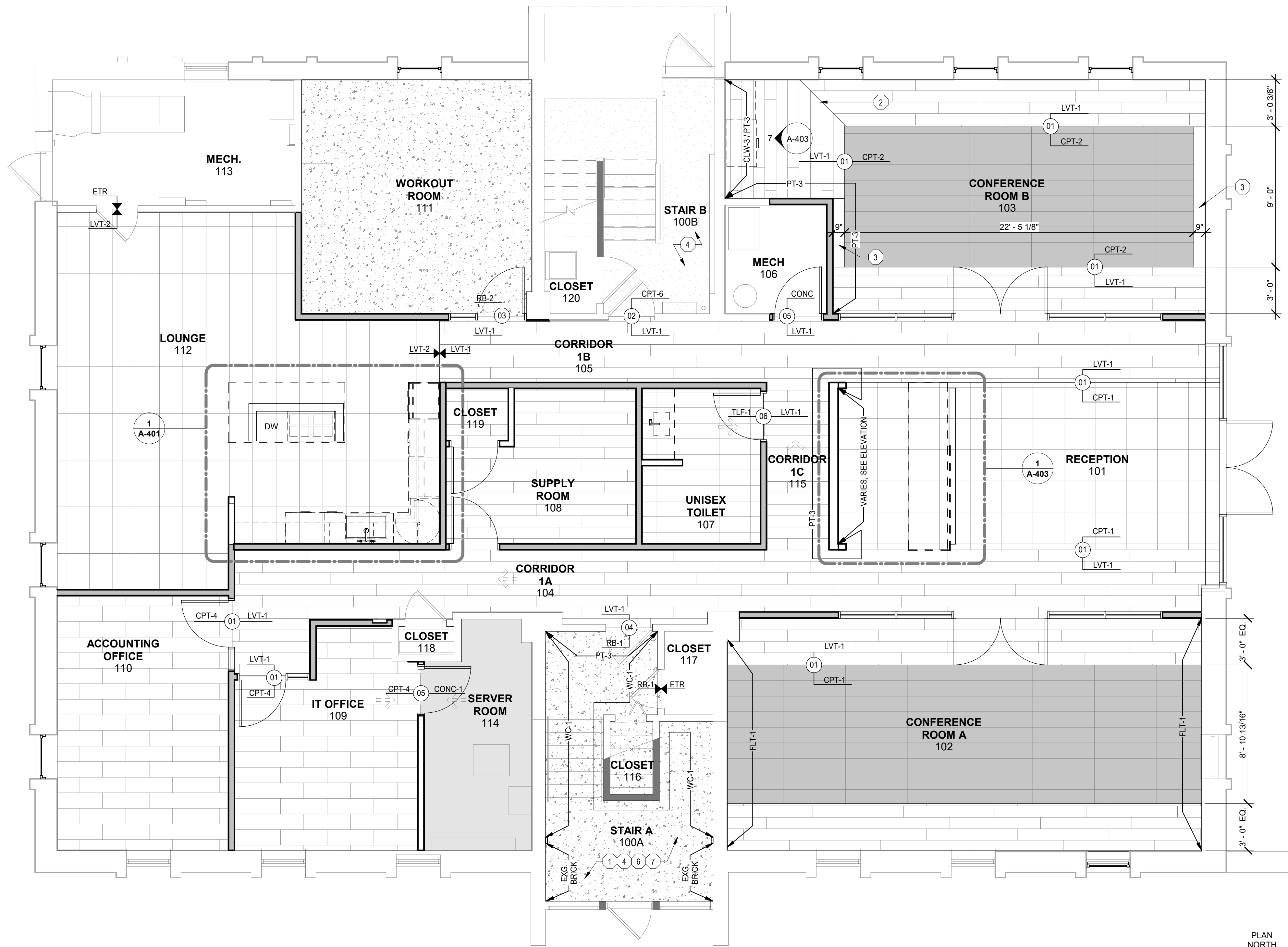
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SHEET TITLE:
**Finish Legend and
Details**

SHEET NO:

A-130



1 FIRST FLOOR FINISH
A-131 SCALE: 1/4" = 1'-0"

Number	ROOM NAME	FLOOR		NORTH WALL		EAST WALL		SOUTH WALL		WEST WALL		CEILING MTL / FINISH	REMARKS
		FINISH	BASE	MTL	FINISH	MTL	FINISH	MTL	FINISH	MTL	FINISH		
100A	STAIR A	RB-1 / STR-1	WB-1	GYP. BD.	PT-3	GYP. BD.	WC-1	GYP. BD.	PT-2	GYP. BD.	WC-1	GWB PT-1	
100B	STAIR B	CPT-6	WB-1	CMU / GYP. BD.	PT-3	CMU / GYP. BD.	PT-2	CMU / GYP. BD.	PT-2	GYP. BD.	PT-2	CONC. & GYP. BD. PT-1	
101	RECEPTION	CPT-1 / LVT-1	WB-2	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-3 / WC-2 / GL-1	DECK PT-4 PT-3 / CLG-1	#1
102	CONFERENCE ROOM A	CTP-2 / LVT-1	WB-2	GYP. BD.	PT-2	GYP. BD.	FLT-1	GYP. BD.	PT-2	GYP. BD.	FLT-1	DECK PT-4 / CLG-2	#1
103	CONFERENCE ROOM B	CPT-2 / LVT-1	WB-2	GYP. BD.	PT-2	GYP. BD.	FLT-1	GYP. BD.	PT-2	GYP. BD.	TLW-3 / PT-3	DECK PT-4 / CLG-2	
104	CORRIDOR 1A	LVT-1	WB-2	GYP. BD.	PT-2	--	--	GYP. BD.	PT-2	GYP. BD.	PT-2	DECK PT-4	
105	CORRIDOR 1B	LVT-1	WB-2	GYP. BD.	PT-2	--	--	GYP. BD.	PT-2	--	--	DECK PT-4	
106	MECH	ETR	ETR	GYP. BD.	PT-1	GYP. BD.	PT-1	GYP. BD.	PT-1	GYP. BD.	PT-1	NO FINISH	
107	UNISEX TOILET	TLF-1	--	GYP. BD.	TLW-1 / TLW-2 / PT-2	GYP. BD.	TLW-1 / TLW-2 / PT-2	GYP. BD.	TLW-1 / TLW-2 / PT-2	GYP. BD.	TLW-1 / TLW-2 / PT-2	DECK PT-1	#1 / #2
108	SUPPLY ROOM	LVT-1	WB-2	GYP. BD.	PT-1	GYP. BD.	PT-1	GYP. BD.	PT-1	GYP. BD.	PT-1	NO FINISH	
109	IT OFFICE	CPT-4	WB-3	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-3	GYP. BD.	PT-2	DECK PT-1	
110	ACCOUNTING OFFICE	CPT-4	WB-3	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-3	DECK PT-1	
111	WORKOUT ROOM	RB-2	WB-1	GYP. BD.	PT-1	GYP. BD.	PT-3	GYP. BD.	PT-1	GYP. BD.	WC-3	DECK PT-1	
112	LOUNGE	LVT-2	WB-2	GYP. BD.	PT-2	GYP. BD.	TLW-3 / PT-2	GYP. BD.	PT-3	GYP. BD.	PT-3	DECK PT-4	#1
113	MECH.	ETR	ETR	GYP. BD.	PT-1	GYP. BD.	PT-1	GYP. BD.	PT-1	GYP. BD.	PT-1	NO FINISH	
114	SERVER ROOM	EXPOSED CONC.	WB-3	GYP. BD.	PT-1	GYP. BD.	PT-1	GYP. BD.	PT-3	GYP. BD.	PT-1	DECK PT-1	#3
115	CORRIDOR 1C	LVT-1	WB-2	--	GYP. BD.	PT-3	--	GYP. BD.	PT-3	GYP. BD.	PT-2	DECK PT-4	
116	CLOSET	RB-1	WB-1	GYP. BD.	PT-1	GYP. BD.	PT-1	GYP. BD.	PT-1	GYP. BD.	PT-1	NO FINISH	
117	CLOSET	ETR	N/A	N/A	--	N/A	--	N/A	--	N/A	--	N/A	
118	CLOSET	LVT-1	WB-2	GYP. BD.	PT-1	GYP. BD.	PT-1	GYP. BD.	PT-1	GYP. BD.	PT-1	NO FINISH	
119	CLOSET	LVT-1	WB-2	GYP. BD.	PT-1	GYP. BD.	PT-1	GYP. BD.	PT-1	GYP. BD.	PT-1	NO FINISH	
120	CLOSET	ETR	N/A	N/A	--	N/A	--	N/A	--	N/A	--	N/A	

FINISH SCHEDULE - REMARKS	
1.	REFER TO FINISH PLANS AND INTERIOR ELEVATIONS FOR FINISH EXTENTS.
2.	SEE S/A-130 FOR WALL TILE TO FLOOR TILE TRANSITION DETAIL AND TRIM.
3.	PROVIDE BID ALTERNATE FOR FLOORING. CONC-1 IS BASIS OF DESIGN. PROVIDE ALTERNATE DEDUCT FOR SANDING OF EXISTING CONCRETE.

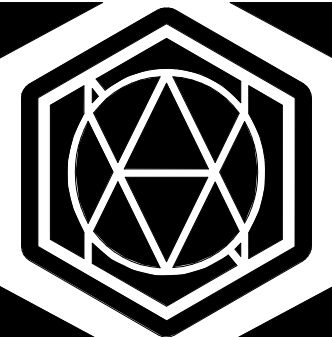
FINISH PLAN - GENERAL NOTES	
A.	SEE REFLECTED CEILING PLANS FOR SCHEDULED FINISH LOCATIONS AT CEILINGS.
B.	DIRECTIONAL ORIENTATION TO COORDINATE WITH PLAN NORTH, DO NOT COORDINATE WITH COMPASS MAGNETIC/DIRECTIONAL ORIENTATION.
C.	REFER TO PLANS, REFLECTED CEILING PLANS AND ELEVATIONS FOR ADDITIONAL INFORMATION AND DETAILED FINISH LOCATIONS.
D.	SEE A130 FOR SPECIFIED FINISH INFORMATION AND DETAILS.
E.	ALL INTERIOR WALLS TO BE PAINTED PT-2 UNLESS NOTED OTHERWISE ON PLANS OR ELEVATIONS.
F.	REFER TO ENLARGED PLANS, INTERIOR ELEVATIONS AND DETAILS FOR EXTENT OF CASEWORK FINISHES.
G.	ALL HOLLOW METAL DOORS AND FRAMES, OR PAINTED WOOD DOORS TO BE PT-5. ALL WOOD DOORS TO BE VT INDUSTRIES WHITE MAPLE TOFFEE TF24.

FINISH PLAN - KEYNOTES	
1	STAIRS TO RECEIVE STR-1, RB-1 AT ALL LANDINGS. SEE TYPICAL DETAIL 2/A-130.
2	LVT-1 TO BE TOOTHED IN AT CORNER TO ALLOW FOR DIRECTION CHANGE OF FLOORING AS SHOWN
3	LVT-1 AT END OF CPT-2, (1) TILE WIDTH AS SHOWN.
4	SEE SHEET A130 FOR NEW RAILING DESIGN.
5	EXISTING DOOR AND SIDELIGHTS TO BE REFINISHED. REMOVE ALL EXISTING FINISHES, PREP AND PAINT PT-5.
6	PAINT ALL EXISTING WOOD TRIM TO REMAIN PT-1, UNO.
7	PAINT STAIR STRINGERS AND ASSOCIATED ITEMS PT-4.

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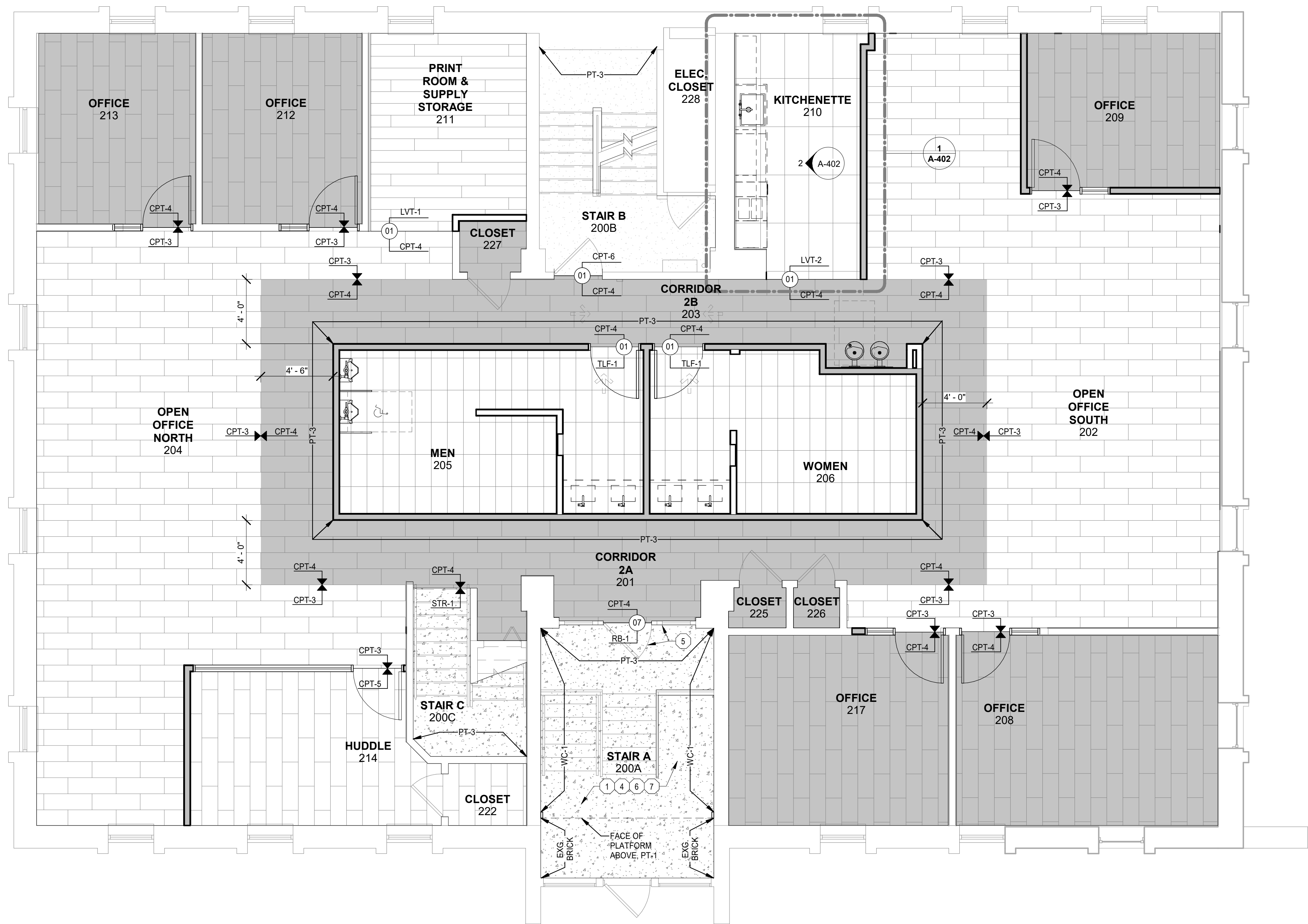
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SHEET TITLE:
First Floor Finish
Plan

SHEET NO:

A-131



1 SECOND FLOOR FINISH
A-132 SCALE: 1/4" = 1'-0"

ROOM FINISH SCHEDULE SECOND FLOOR													
Number	ROOM NAME	FLOOR		NORTH WALL		EAST WALL		SOUTH WALL		WEST WALL		CEILING MTL / FINISH	REMARKS
		FINISH	BASE	MTL	FINISH	MTL	FINISH	MTL	FINISH	MTL	FINISH		
200A	STAIR A	RB-1 / STR-1	WB-1	GYP. BD.	PT-3	GYP. BD.	WC-1	GYP. BD.	PT-1	GYP. BD.	WC-1	GWB PT-1	
200B	STAIR B	CPT-6	WB-1	CMU / GYP. BD.	WB-1	CMU / GYP. BD.	PT-2	CMU / GYP. BD.	PT-2	GYP. BD.	PT-2	GWB PT-1	
200C	STAIR C	RB-1 / STR-1	WB-1	--	--	GYP. BD.	PT-2	GYP. BD.	PT-3	GYP. BD.	PT-2	GWB PT-1	
201	CORRIDOR 2A	CPT-4	WB-3	GYP. BD.	PT-3	--	--	GYP. BD.	PT-2	--	--	DECK PT-1	
202	OPEN OFFICE SOUTH	CPT-3 / CPT-4	WB-3	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-3	DECK PT-1 / CLG-4	
203	CORRIDOR 2B	CPT-4	WB-3	GYP. BD.	PT-2	--	--	GYP. BD.	PT-3	--	--	DECK PT-1	
204	OPEN OFFICE NORTH	CPT-3 / CPT-4	WB-3	GYP. BD.	PT-2	GYP. BD.	PT-3	GYP. BD.	PT-2	GYP. BD.	PT-2	DECK PT-1 / CLG-4	
205	MEN	TLF-1	--	GYP. BD.	TLW-1 / TLW-2 / PT-2	GYP. BD.	TLW-1 / TLW-2 / PT-2	GYP. BD.	TLW-1 / TLW-2 / PT-2	GYP. BD.	TLW-1 / TLW-2 / PT-2	DECK PT-1	#1 / #2
206	WOMEN	TLF-1	--	GYP. BD.	TLW-1 / TLW-2 / PT-2	GYP. BD.	TLW-1 / TLW-2 / PT-2	GYP. BD.	TLW-1 / TLW-2 / PT-2	GYP. BD.	TLW-1 / TLW-2 / PT-2	DECK PT-1	#1 / #2
208	OFFICE	CPT-4	WB-3	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-3	GYP. BD.	PT-2	DECK PT-1	
209	OFFICE	CPT-4	WB-3	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-2	DECK PT-1	
210	KITCHENETTE	LVT-2	WB-3	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	TLW-3 / PT-2	DECK PT-1	
211	PRINT ROOM & SUPPLY STORAGE	LVT-1	WB-3	GYP. BD.	PT-2	GYP. BD.	PT-3	GYP. BD.	PT-3	GYP. BD.	PT-2	DECK PT-1	#1
212	OFFICE	CPT-4	WB-3	GYP. BD.	PT-3	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-2	DECK PT-1	
213	OFFICE	CPT-4	WB-3	GYP. BD.	PT-3	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-2	DECK PT-1	
214	HUDDLE	CPT-5	WB-3	GYP. BD.	PT-2	GYP. BD.	PT-3	GYP. BD.	PT-2	GYP. BD.	FLT-2	DECK PT-1	
217	OFFICE	CPT-4	WB-3	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-3	GYP. BD.	PT-2	DECK PT-1	
222	CLOSET	CPT-4	WB-3	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-2	DECK PT-1	
225	CLOSET	CPT-4	WB-3	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-2	NO FINISH	
226	CLOSET	CPT-4	WB-3	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-2	NO FINISH	
227	CLOSET	CPT-4	WB-3	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-2	NO FINISH	
228	ELEC. CLOSET	ETR	WB-3	GYP. BD.	PT-1	WOOD	NO FINISH	GYP. BD.	PT-2	GYP. BD.	PT-2	NO FINISH	

FINISH SCHEDULE - REMARKS

- REFER TO FINISH PLANS AND INTERIOR ELEVATIONS FOR FINISH EXTENTS.
- SEE S/A-130 FOR WALL TILE TO FLOOR TILE TRANSITION DETAIL AND TRIM.
- PROVIDE BID ALTERNATE FOR FLOORING. CONC-1 IS BASIS OF DESIGN. PROVIDE ALTERNATE DEDUCT FOR SANDING OF EXISTING CONCRETE.

FINISH PLAN - GENERAL NOTES

- SEE REFLECTED CEILING PLANS FOR SCHEDULED FINISH LOCATIONS AT CEILINGS.
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- ALL INTERIOR WALLS TO BE PAINTED PT-2 UNLESS NOTED OTHERWISE ON PLANS OR ELEVATIONS.
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- ALL HOLLOW METAL DOORS AND FRAMES, OR PAINTED WOOD DOORS TO BE PT-5. ALL WOOD DOORS TO BE VT INDUSTRIES WHITE MAPLE TOFFEE TF24.

FINISH PLAN - KEYNOTES

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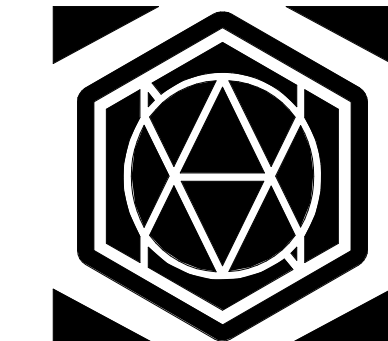
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PROFESSIONAL SEAL:

ISSUED:

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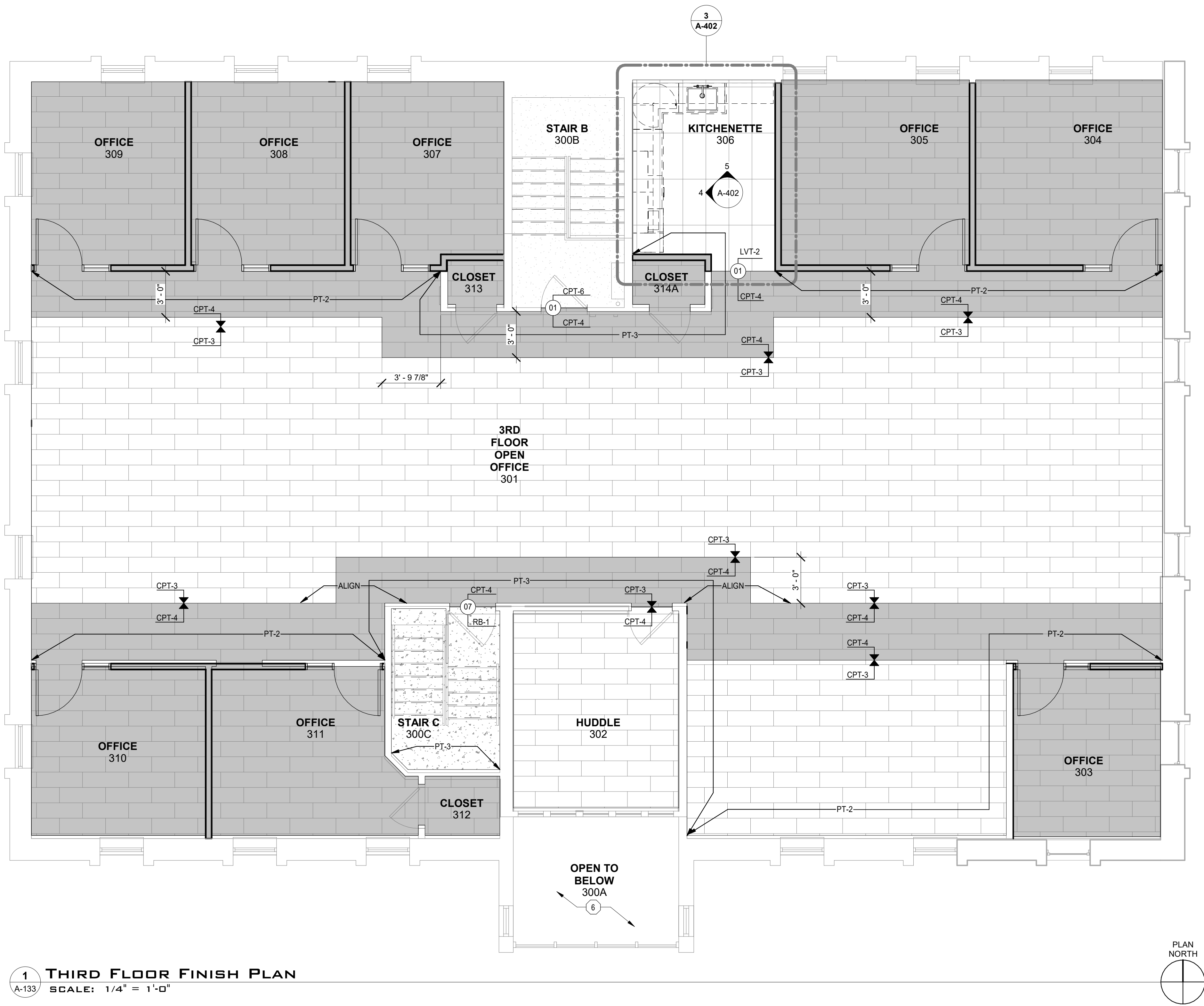
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SHEET TITLE:

Second Floor
Finish Plan

SHEET NO:

A-132



1 THIRD FLOOR FINISH PLAN
A-133 SCALE: 1/4" = 1'-0"

ROOM FINISH SCHEDULE THIRD FLOOR													
Number	ROOM NAME	FLOOR		NORTH WALL		EAST WALL		SOUTH WALL		WEST WALL		CEILING MTL / FINISH	REMARKS
		FINISH	BASE	MTL	FINISH	MTL	FINISH	MTL	FINISH	MTL	FINISH		
300A	OPEN TO BELOW	--	--	GYP. BD.	PT-1	GYP. BD.	WC-1	GYP. BD.	--	GYP. BD.	WC-1	GWB PT-1	
300B	STAIR B	CPT-6	WB-1	GYP. BD.	PT-3	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-2	GWB PT-1	
300C	STAIR C	RB-1 / STR-1	WB-1	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-3	GYP. BD.	PT-2	GWB PT-1	
301	3RD FLOOR OPEN OFFICE	CPT-3 / CPT-4	WB-3	GYP. BD.	PT-2 / PT-3	GYP. BD.	PT-2	GYP. BD.	PT-2 / PT-3	GYP. BD.	PT-2	DECK PT-1 / CLG-4	
302	HUDDLE	CPT-5	WB-3	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	FLT-3	DECK PT-1	
303	OFFICE	CPT-4	WB-3	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-3	GYP. BD.	PT-2	DECK PT-1	
304	OFFICE	CPT-4	WB-3	GYP. BD.	PT-3	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-2	DECK PT-1	
305	OFFICE	CPT-4	WB-3	GYP. BD.	PT-3	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-2	DECK PT-1	
306	KITCHENETTE	LVT-2	WB-3	GYP. BD.	TLW-3 / PT-2	GYP. BD.	PT-2	GYP. BD.	PT-3	GYP. BD.	TLW-3 / PT-2	DECK PT-1	#1
307	OFFICE	CPT-4	WB-3	GYP. BD.	PT-3	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-2	DECK PT-1	
308	OFFICE	CPT-4	WB-3	GYP. BD.	PT-3	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-2	DECK PT-1	
309	OFFICE	CPT-4	WB-3	GYP. BD.	PT-3	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-2	DECK PT-1	
310	OFFICE	CPT-4	WB-3	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-3	GYP. BD.	PT-2	DECK PT-1	
311	OFFICE	CPT-4	WB-3	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-3	GYP. BD.	PT-2	DECK PT-1	
312	CLOSET	CPT-4	WB-3	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-2	DECK PT-1	
313	CLOSET	CPT-4	WB-3	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-2	DECK PT-1	
314A	CLOSET	CPT-4	WB-3	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-2	GYP. BD.	PT-2	NO FINISH	

FINISH SCHEDULE - REMARKS
1. REFER TO FINISH PLANS AND INTERIOR ELEVATIONS FOR FINISH EXTENTS.
2. SEE 5/A-130 FOR WALL TILE TO FLOOR TILE TRANSITION DETAIL AND TRIM.
3. PROVIDE BID ALTERNATE FOR FLOORING. CONC-1 IS BASIS OF DESIGN. PROVIDE ALTERNATE DEDUCT FOR SANDING OF EXISTING CONCRETE.

FINISH PLAN - GENERAL NOTES

A. SEE REFLECTED CEILING PLANS FOR SCHEDULED FINISH LOCATIONS AT CEILINGS.

B. DIRECTIONAL ORIENTATION TO COORDINATE WITH PLAN NORTH, DO NOT COORDINATE WITH COMPASS MAGNETIC/DIRECTIONAL ORIENTATION.

C. REFER TO PLANS, REFLECTED CEILING PLANS AND ELEVATIONS FOR ADDITIONAL INFORMATION AND DETAILED FINISH LOCATIONS.

D. SEE A130 FOR SPECIFIED FINISH INFORMATION AND DETAILS.

E. ALL INTERIOR WALLS TO BE PAINTED PT-2 UNLESS NOTED OTHERWISE ON PLANS OR ELEVATIONS.

F. REFER TO ENLARGED PLANS, INTERIOR ELEVATIONS AND DETAILS FOR EXTENT OF CASEWORK FINISHES.

G. ALL HOLLOW METAL DOORS AND FRAMES, OR PAINTED WOOD DOORS TO BE PT-5. ALL WOOD DOORS TO BE VT INDUSTRIES WHITE MAPLE TOFFEE TF24.

FINISH PLAN - KEYNOTES

1 STAIRS TO RECEIVE STR-1, RB-1 AT ALL LANDINGS. SEE TYPICAL DETAIL 2/A-130.

2 LVT-1 TO BE TOOTHED IN AT CORNER TO ALLOW FOR DIRECTION CHANGE OF FLOORING AS SHOWN

3 LVT-1 AT END OF CPT-2, (1) TILE WIDTH AS SHOWN.

4 SEE SHEET A130 FOR NEW RAILING DESIGN.

5 EXISTING DOOR AND SIDELIGHTS TO BE REFINISHED. REMOVE ALL EXISTING FINISHES, PREP AND PAINT PT-5.

6 PAINT ALL EXISTING WOOD TRIM TO REMAIN PT-1, UNO.

7 PAINT STAIR STRINGERS AND ASSOCIATED ITEMS PT-4.

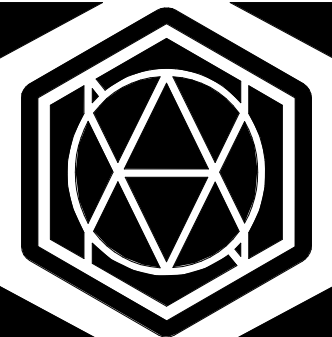
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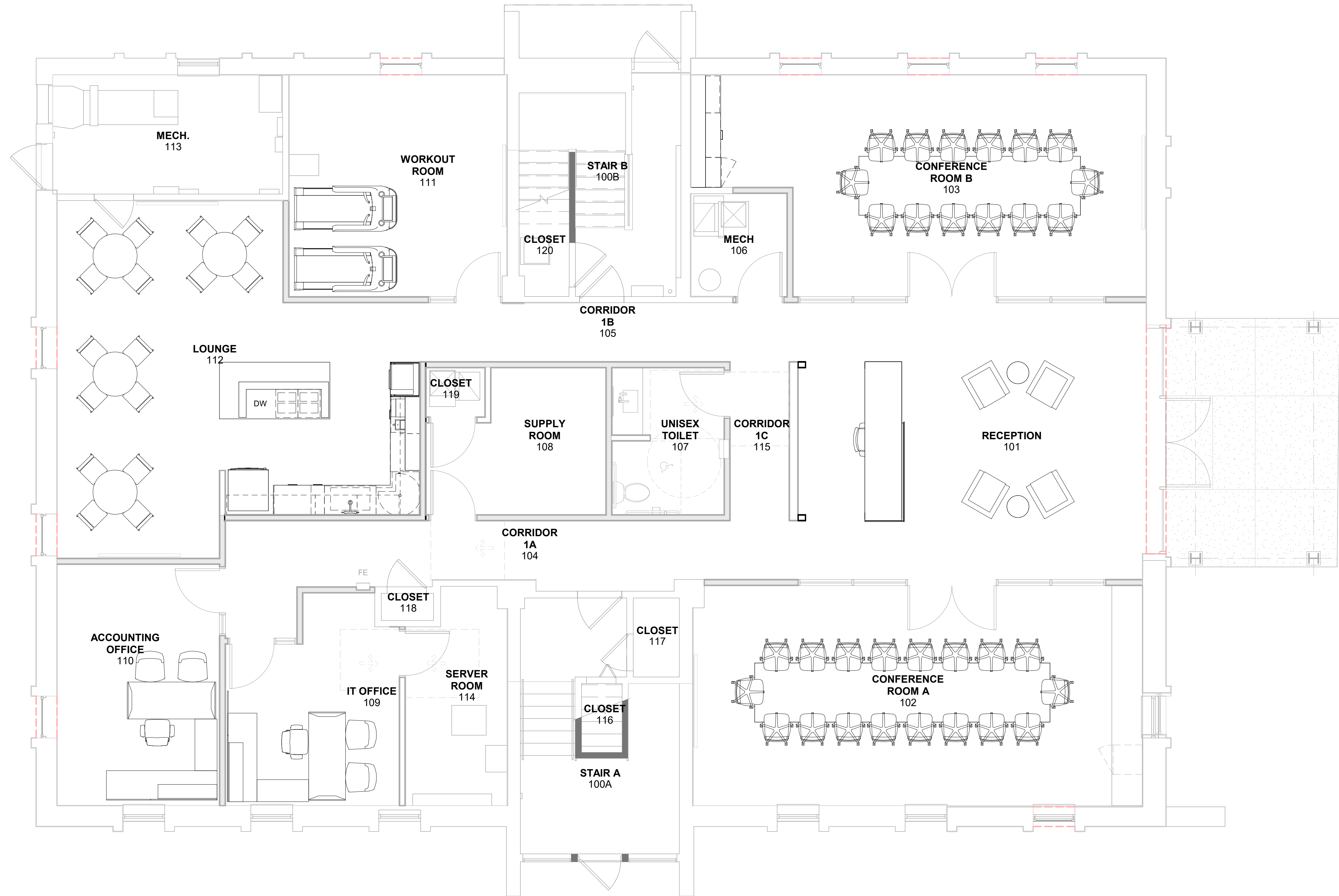
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SHEET TITLE:
Third Floor Finish
Plan

SHEET NO:
A-133

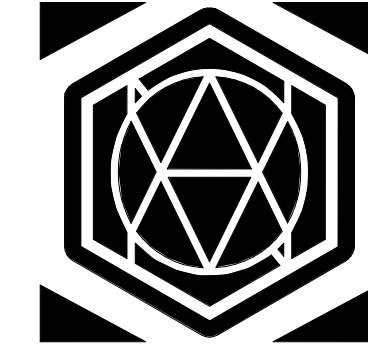


1 FIRST FLOOR FURNITURE PLAN
A-141 SCALE: 1/4" = 1'-0"

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SHEET TITLE:
First Floor
Furniture Plan

SHEET NO:
A-141

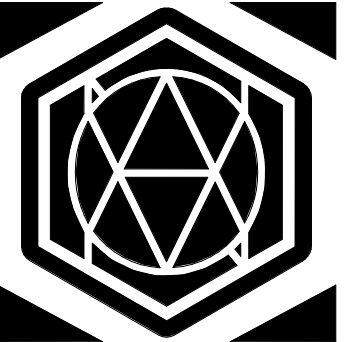


1 SECOND FLOOR FURNITURE PLAN
A-142 SCALE: 1/4" = 1'-0"

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08-03-26 Construction Set

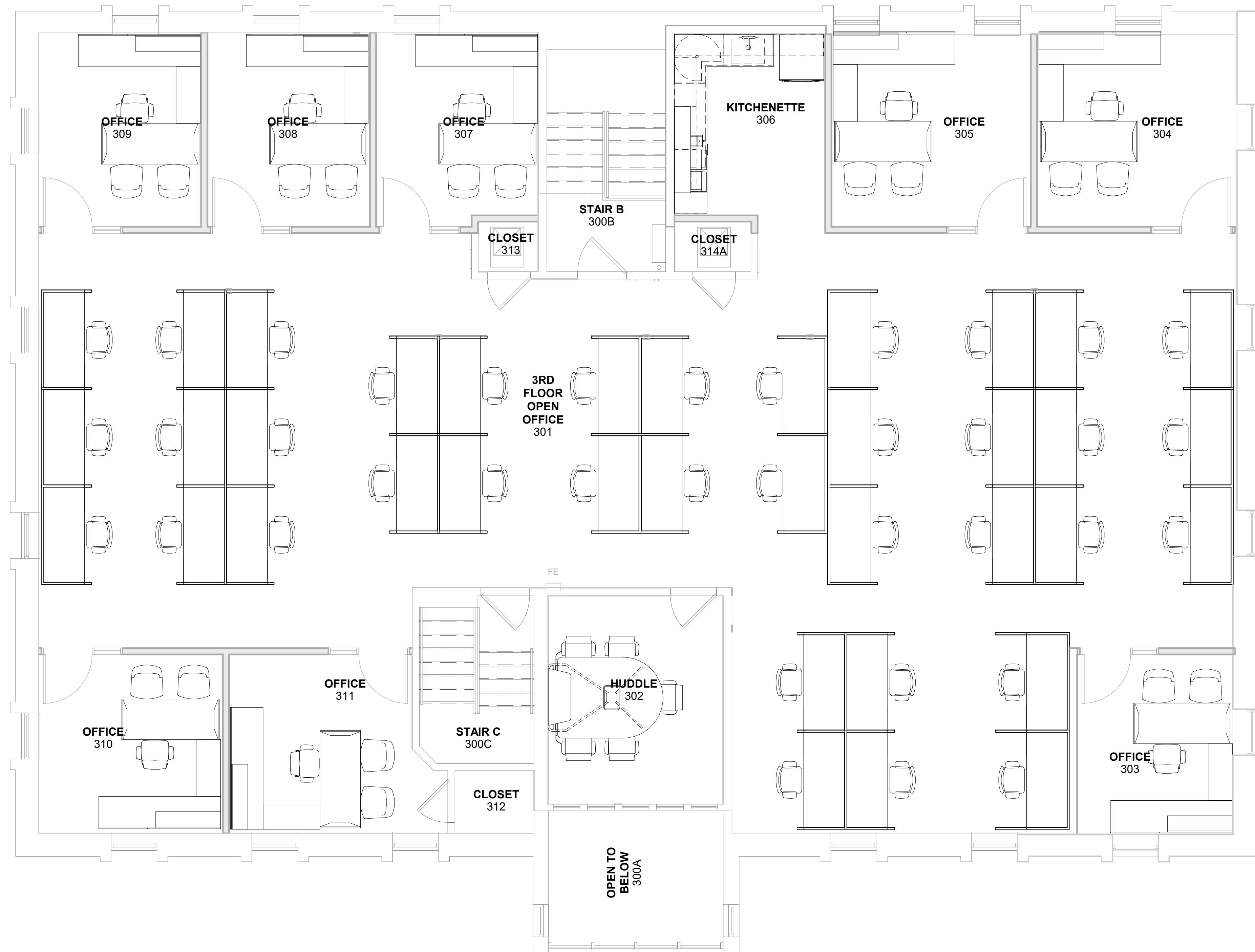
PROJECT NO:
2025.28

DRAWN BY:
DWB

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CV Engineering at 3400 McKnight East Drive
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SHEET TITLE:
Second Floor
Furniture Plan

SHEET NO:
A-142

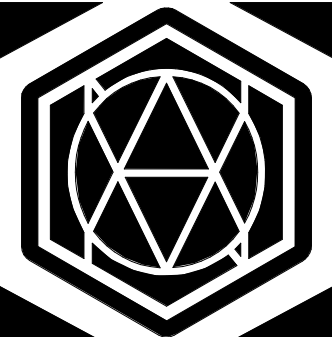


1 THIRD FLOOR FURNITURE PLAN
A-143 SCALE: 1/4" = 1'-0"

**DANIEL
BOGGS
ARCHITECT**

**ARCHITECTURE
&
PLANNING**
26143 EAST RIVER ROAD
GROSSE ILE, MI 48138
248.882.3642

PROJECT:
CV Engineering
3400 McKnight East Drive
Pittsburgh, PA 15237

CONSULTANT:

AVON DESIGN GROUP, LLC
9800B MCKNIGHT RD, SUITE 104
PITTSBURGH, PA 15237
412-366-0222

PROFESSIONAL SEAL:

ISSUED:
03-18-26 Client Review
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PROJECT NO:
2025.28

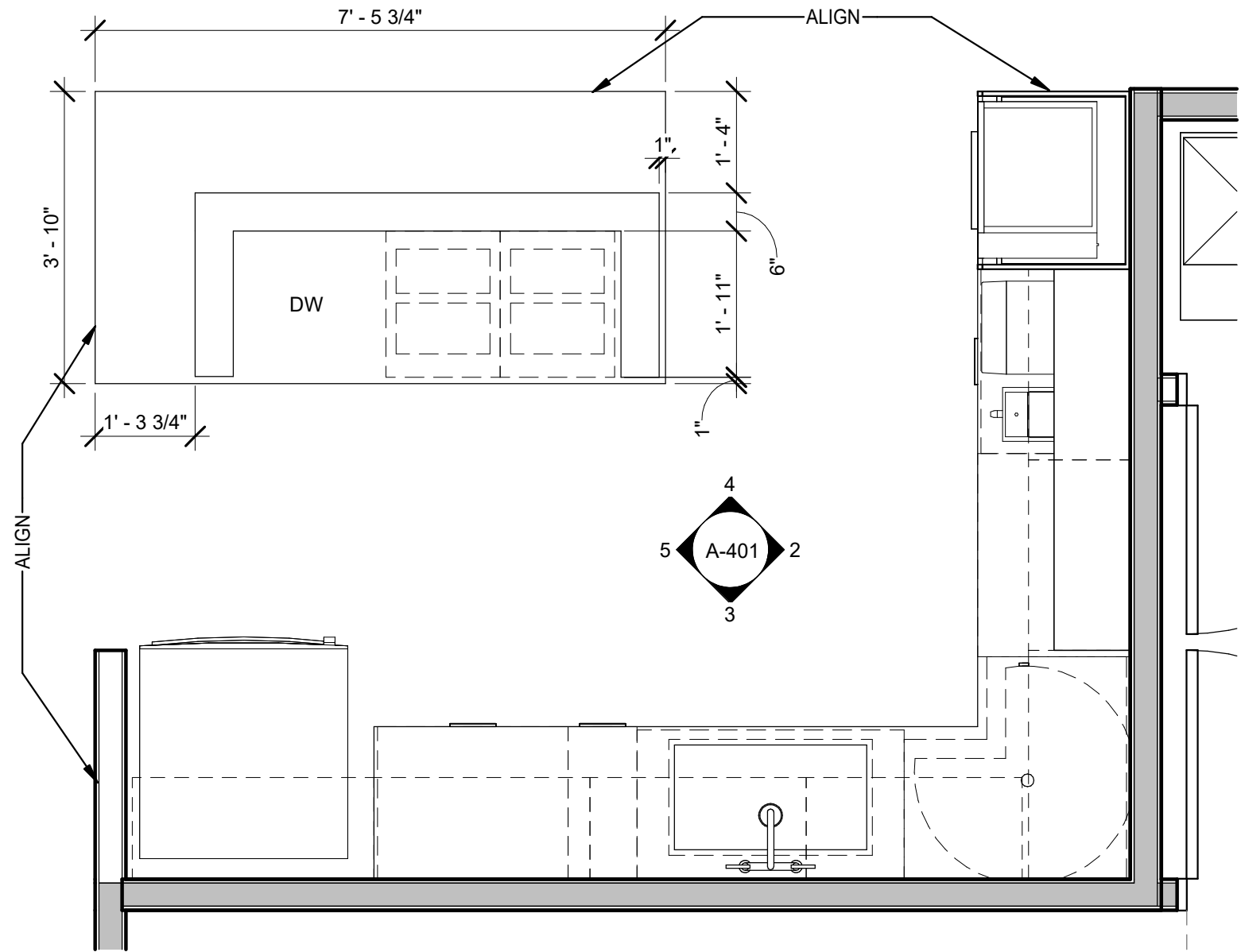
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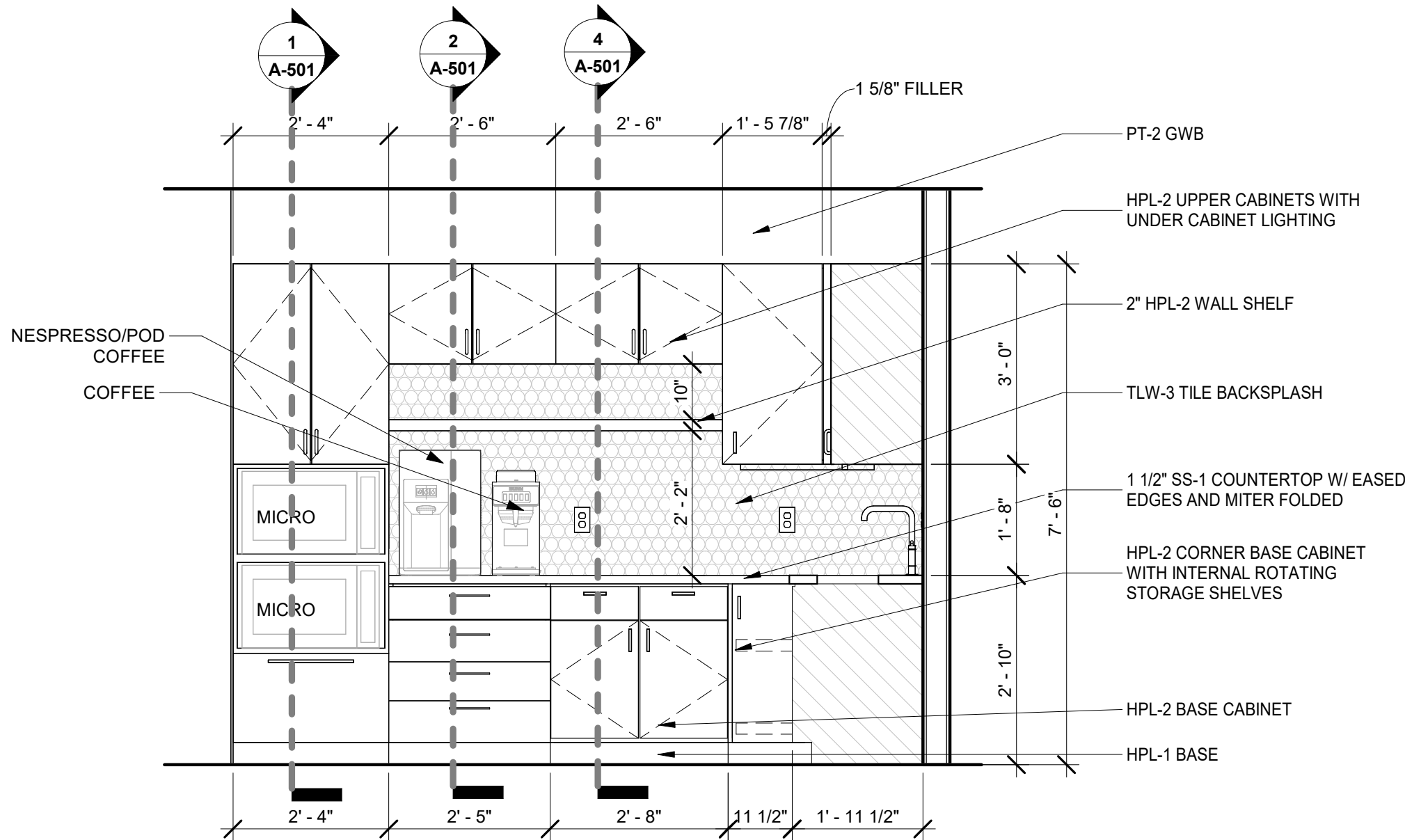
SHEET TITLE:
Third Floor
Furniture Plan

SHEET NO:

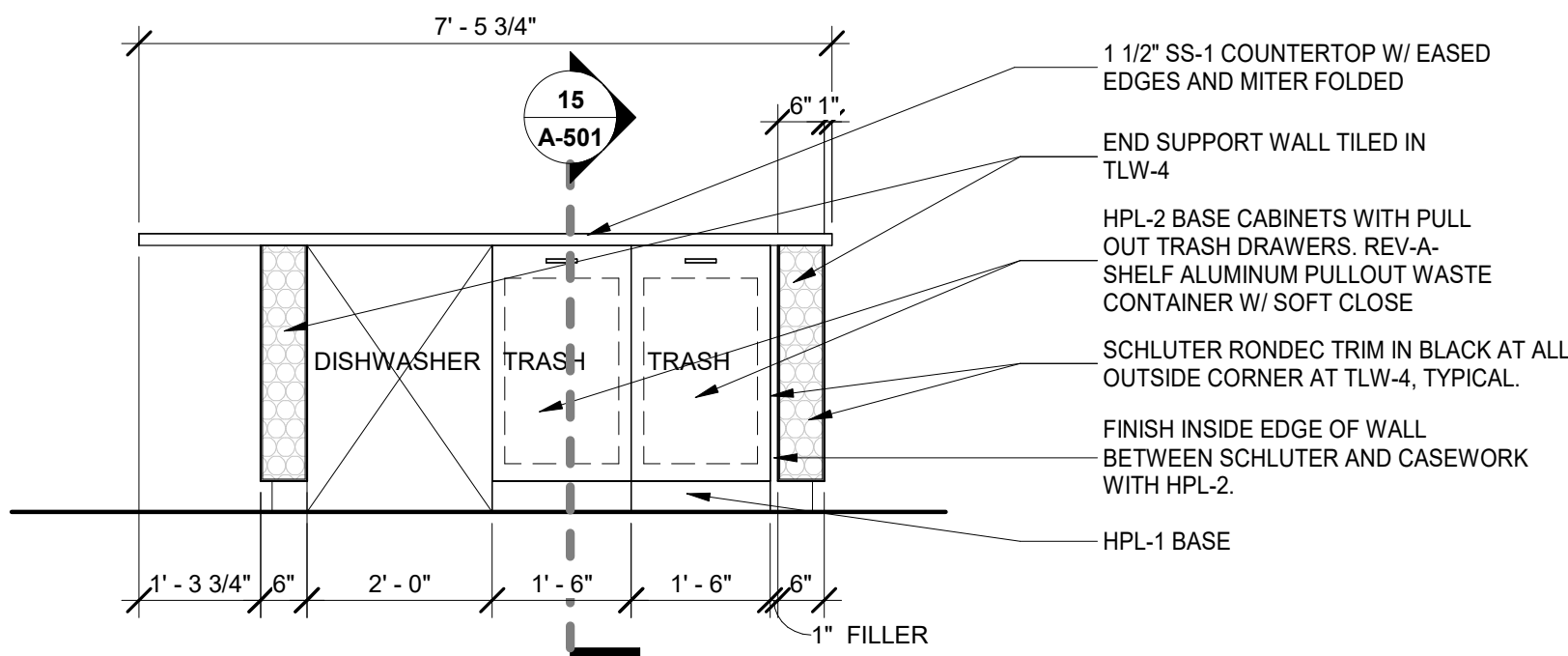
A-143



1 ENLARGED PLAN - LOUNGE
SCALE: 1/2" = 1'-0"



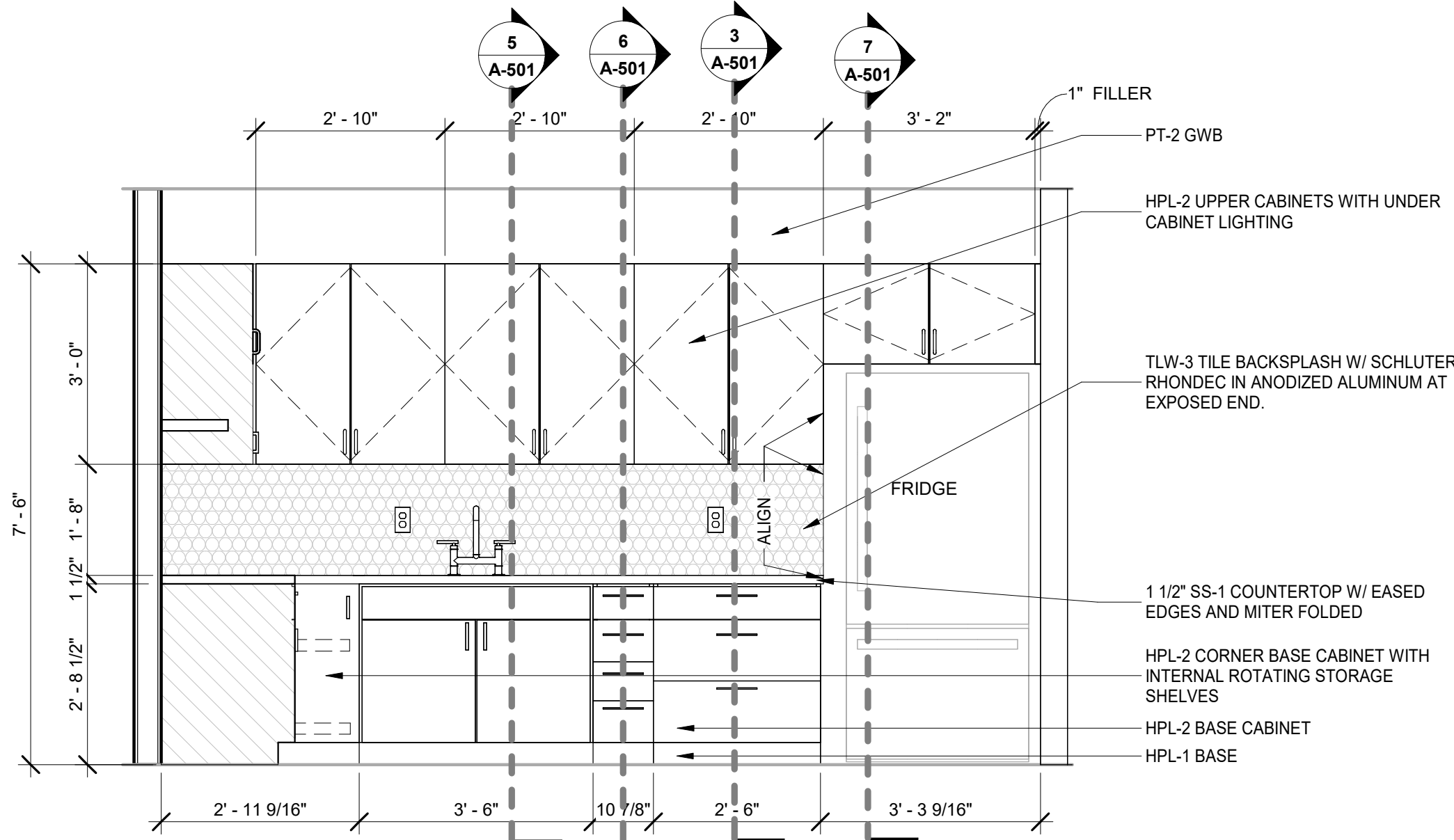
2 LOUNGE - EAST
SCALE: 1/2" = 1'-0"



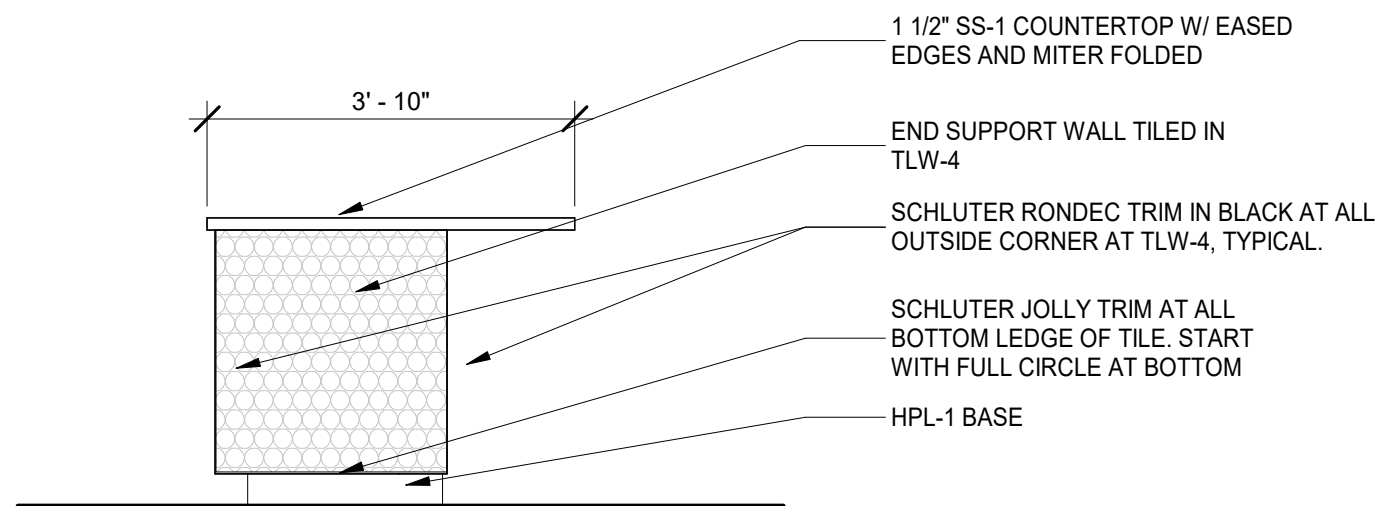
4 LOUNGE - NORTH
SCALE: 1/2" = 1'-0"

CASEWORK FINISH LEGEND	
GL-1	CARVART: COLOR LAMINATED CLASS 02-C077-V-T-36670
HPL-1	WILSONART: BLACK VELVET 15505 ULTRA MATTE
HPL-2	FORMICA: CHERRY PB SIENNA 8215K-05
MTL-2	CHEMETAL; IMAGES ALU MEDIUM 353
QZ-1	CORIAN: DOVE GREY LEATHERED
SS-1	DURAT: SOLID SURFACE 730-50
ALL PULLS TO BE MOCKETT DP128/6 6-11/16" IN SATIN NICKEL	

CASEWORK NOTES LEGEND	
1.	CONTRACTOR TO COOR. FINAL CASEWORK OP'G SIZES W/ TENANT-APPROVED APPLIANCES.
2.	CONTRACTOR TO COOR. POWER & UTILITY REQ'TS W/ TENANT-APPROVED PLUMBING FIXTURES AND APPLIANCES.
3.	CONTRACTOR TO COOR. GROMMET AND PLUMBING REQ'TS. FOR OWNER APPLIANCES WHERE APPLICABLE.
4.	CONTRACTOR TO COOR. BLOCKING W/ TENANT-PROVIDED ACCESSORIES.
5.	ALL WORK MATERIALS, ETC. SHALL CONFORM TO W.I.C. STANDARDS FOR PREMIUM GRADE.
6.	MILLWORKER SHALL DETERMINE THE AVAILABILITY OF ALL FINISHES AND MATERIALS, TRADES AND ITEMS SHOWN IN THESE DOCUMENTS. ANY DELAY THAT MAY CAUSE POTENTIAL PROBLEMS IN MEETING AGREED UPON CONSTRUCTION SCHEDULE SHALL BE BROUGHT TO THE ATTENTION OF TENANT & OWNER FOR POSSIBLE RE-EVALUATION OF MATERIAL DESIGNATION.
7.	MILLWORKER TO COORDINATE FABRICATION OF CABINETY WITH FIELD CONDITIONS AND FIELD LOCATIONS OF POWER/DATA RECEPTACLES, PLUMBING LINES AND FEEDS AS SHOWN ON DRAWINGS.
8.	CABINETS SHALL BE FLUSH OVERLAY CONSTRUCTION.
9.	ALL EXPOSED SURFACES, INCLUDING ALL DOOR EDGES, ETC. SHALL BE PLASTIC LAMINATE. INTERIOR SURFACES SHALL BE WHITE MELAMINE U.N.O.
10.	ALL HINGES TO BE CONCEALED STYLE, OPEN 120 DEGREES.
11.	ALL DRAWER GLIDES SHALL BE "ACCURIDE", "BLUM", OR EQUAL AND MUST BE RATED FOR 75 LBS. LOAD AND 7/8 EXTENSION.
12.	ALL INTERIOR SHELVES SHALL BE PEGGED, ADJUSTABLE U.N.O.
13.	ALL DRAWERS AND DOORS SHALL RECEIVE STAINLESS STEEL 4" WIRE PULLS U.N.O.
14.	CABINETS AND COUNTER TOPS SHALL BE ANCHORED & SECURED AND SCRIBED TO ADJACENT SURFACES.
15.	BY SUBMITTING SHOP DRAWINGS & SAMPLES, CONTRACTOR REPRESENTS THAT THEY HAVE COORDINATED WITH FIELD DIMENSIONS AND CONDITIONS, MATERIALS, CATALOG NUMBERS, AND SIMILAR DATA, AND THAT EACH SUBMITTAL HAS BEEN CHECKED AND COORDINATED WITH CONTRACT REQUIREMENTS. CONTRACTOR IS RESPONSIBLE FOR ACCURACY OF SHOP DRAWINGS. ALL SHOP DRAWINGS & SAMPLES SHALL BE SUBMITTED TO ARCHITECT FOR REVIEW AND APPROVAL.
16.	CONTRACTOR RESPONSIBLE FOR PROPER FITTINGS, COORDINATION OF WORK, CONSTRUCTION TECHNIQUES, MATERIALS, AND WORK REQUIRED BY CONTRACT DOCUMENTS.



3 LOUNGE - SOUTH
SCALE: 1/2" = 1'-0"



5 LOUNGE - WEST
SCALE: 1/2" = 1'-0"

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BOGGS
ARCHITECT**

**ARCHITECTURE
&
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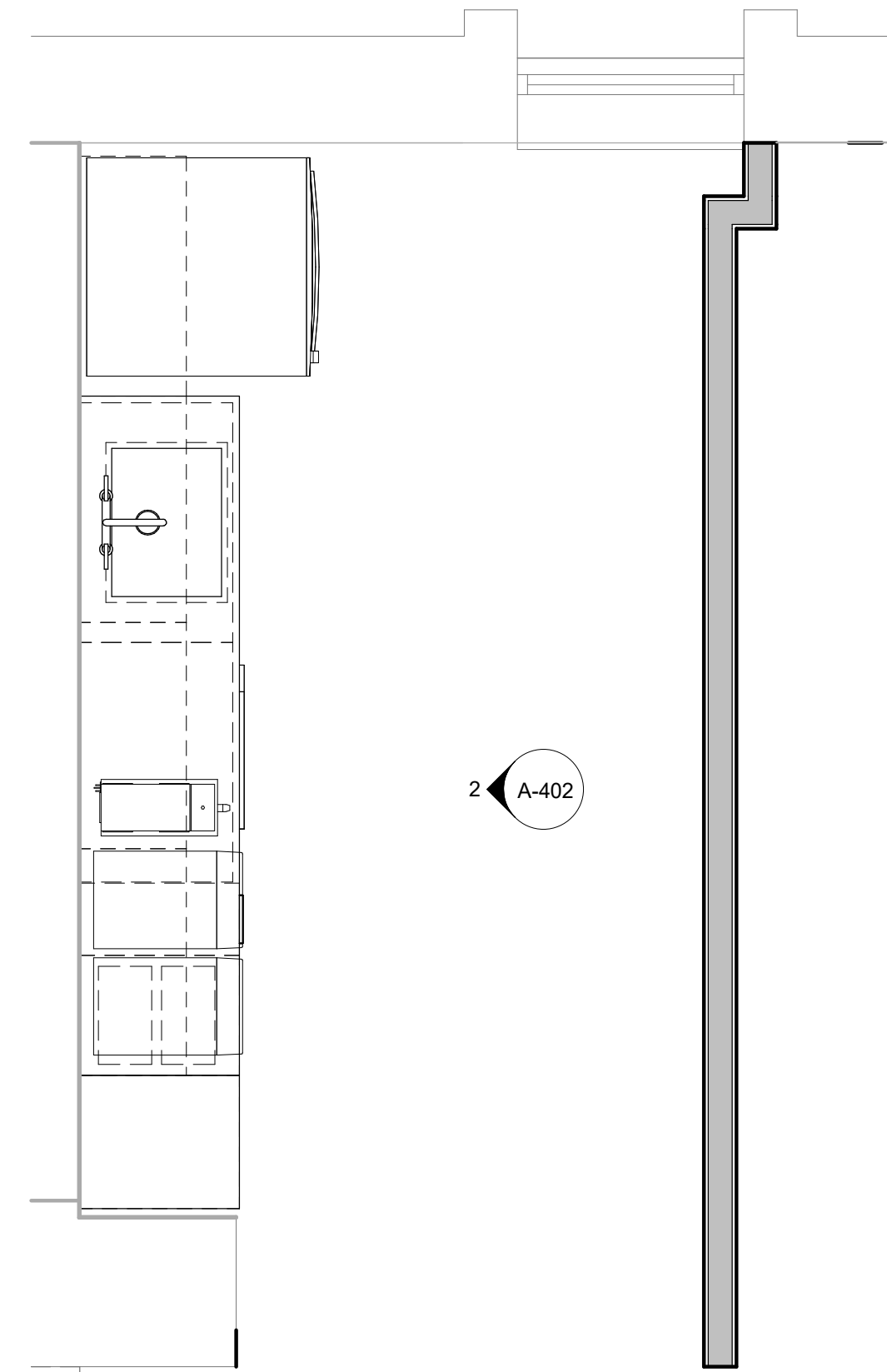
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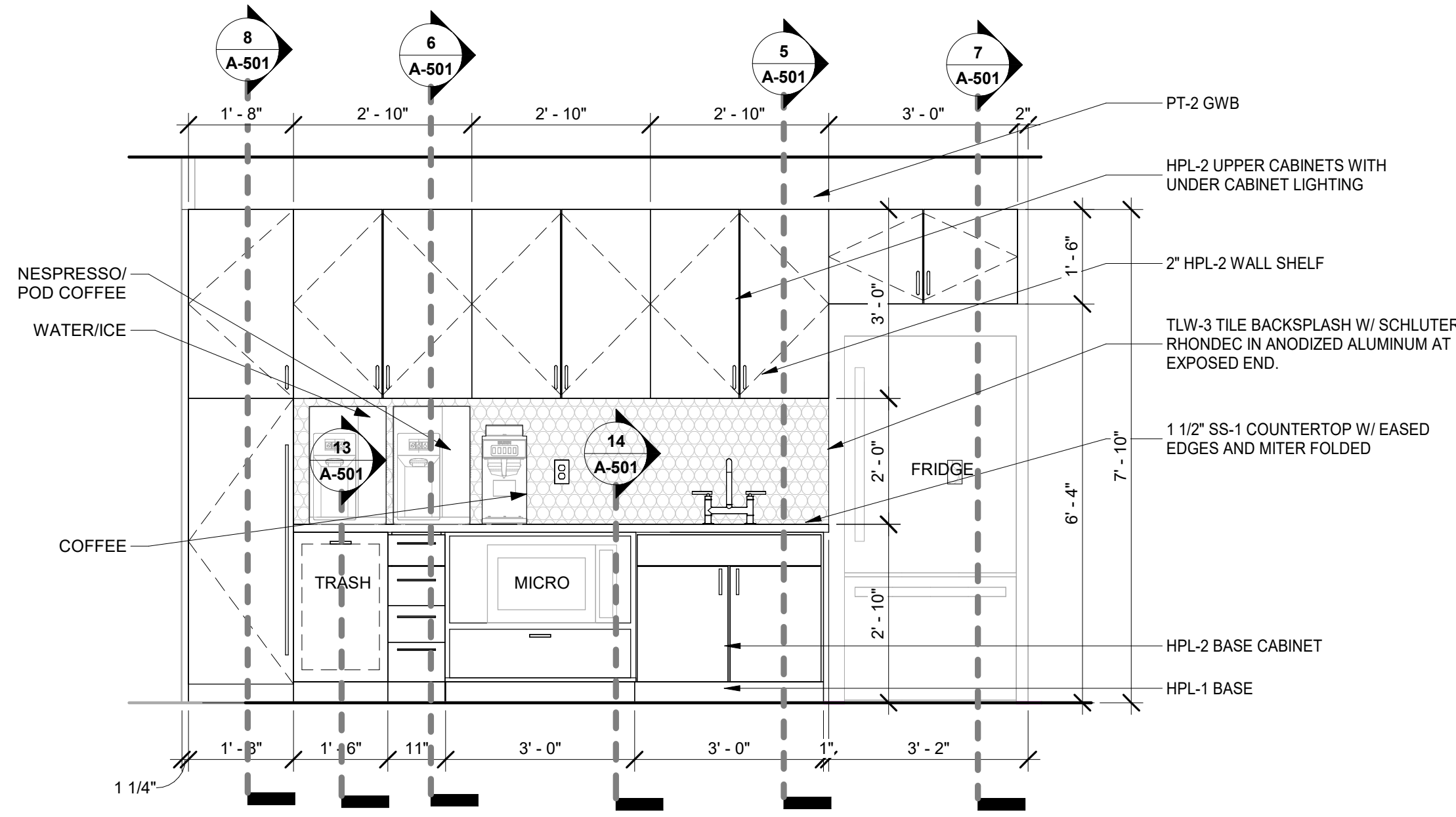
**Enlarged Plan and
Elevations -
Lounge**

SHEET NO:

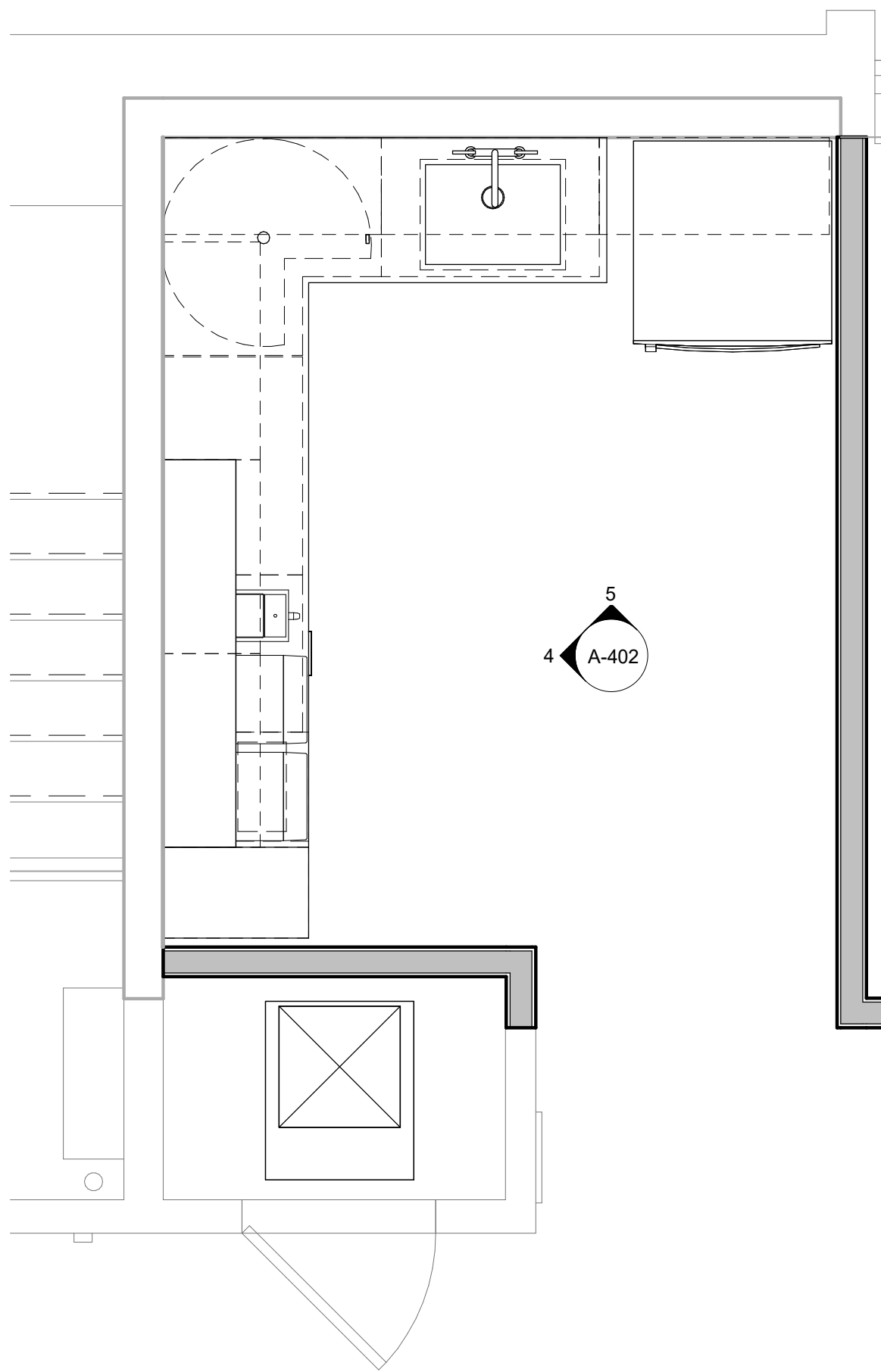
A-401



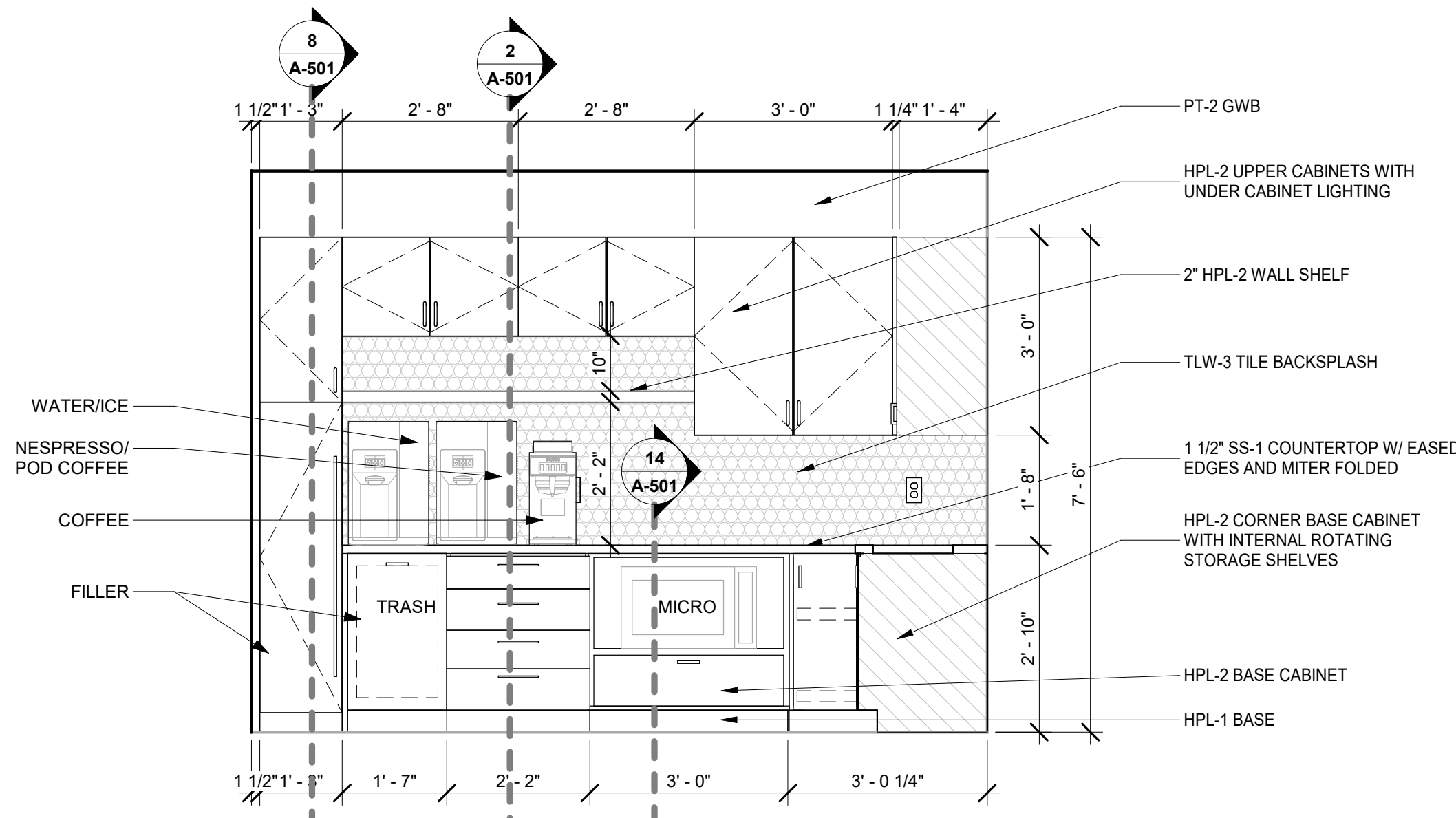
1 ENLARGED PLAN - SECOND FLOOR KITCHENETTE
SCALE: 1/2" = 1'-0"



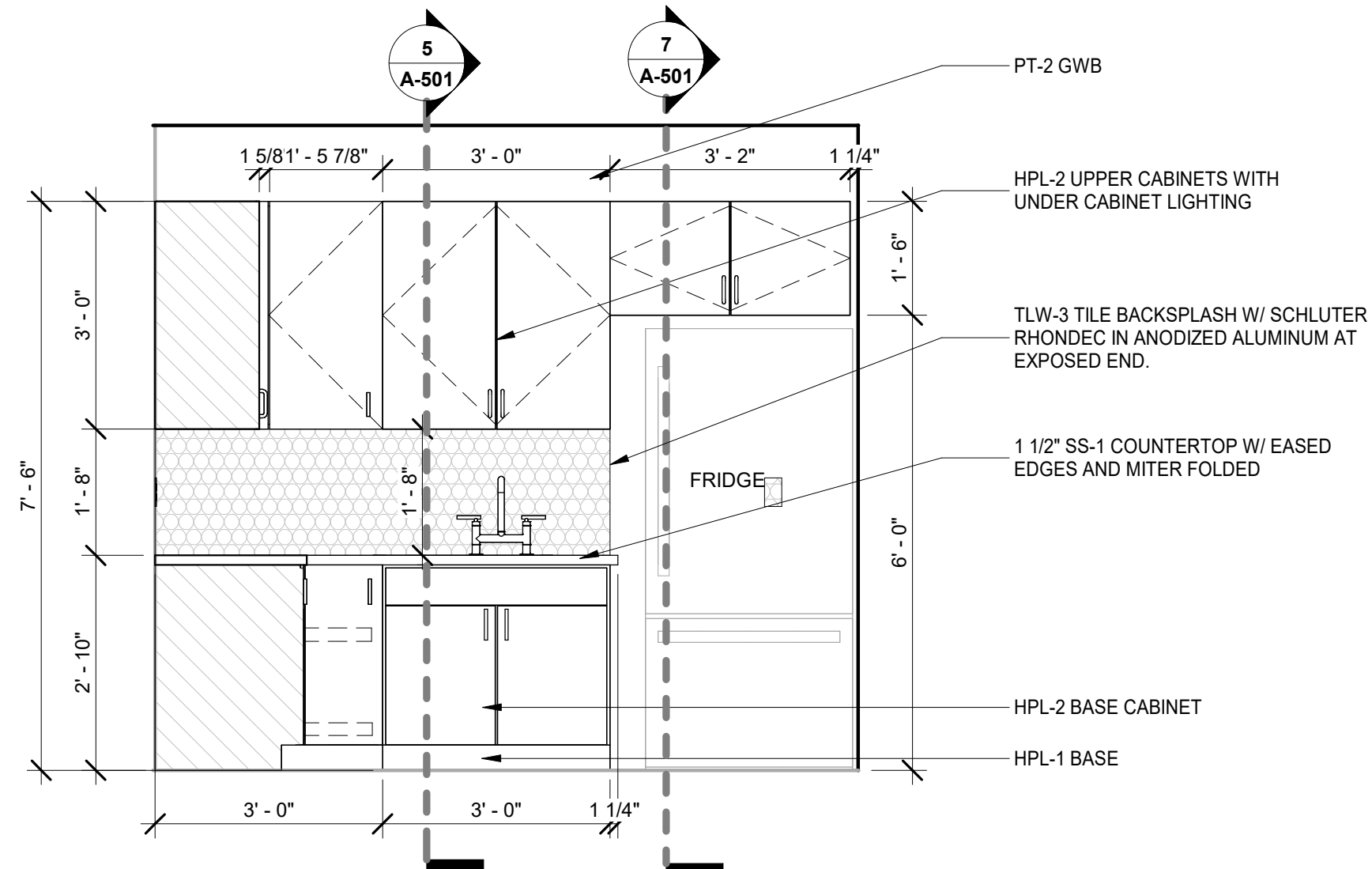
2 INTERIOR ELEVATION - SECOND FLOOR KITCHENETTE
SCALE: 1/2" = 1'-0"



3 ENLARGED PLAN - THIRD FLOOR KITCHENETTE
SCALE: 1/2" = 1'-0"



4 INTERIOR ELEVATION - 3RD FLOOR KITCHENETTE NORTH
SCALE: 1/2" = 1'-0"



5 INTERIOR ELEVATION - 3RD FLOOR KITCHENETTE
SCALE: 1/2" = 1'-0"

CASEWORK FINISH LEGEND	
GL-1	CARVART: COLOR LAMINATED CLASS 02-C077-V-T-36670
HPL-1	WILSONART: BLACK VELVET 15505 ULTRA MATTE
HPL-2	FORMICA: CHERRY PB SIENNA 8215K-05
MTL-2	CHEMETAL: IMAGES ALU MEDIUM 353
QZ-1	CORIAN: DOVE GREY LEATHERED
SS-1	DURAT: SOLID SURFACE 730-50
ALL PULLS TO BE MOCKETT DP128/6 6-11/16" IN SATIN NICKEL	

CASEWORK NOTES LEGEND	
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SHEET TITLE:
Enlarged Plans
and Elevations -
Kitchenettes

SHEET NO:

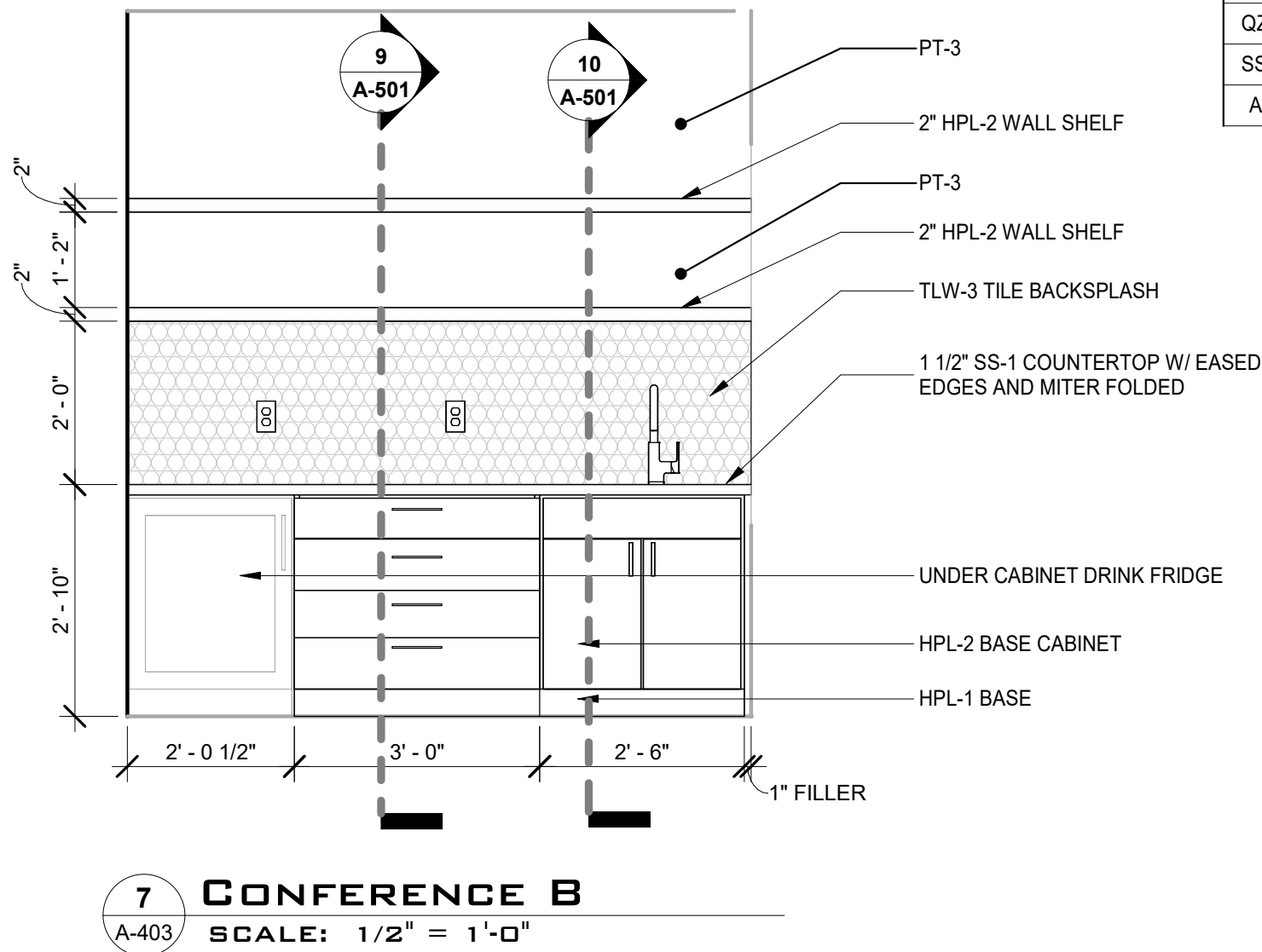
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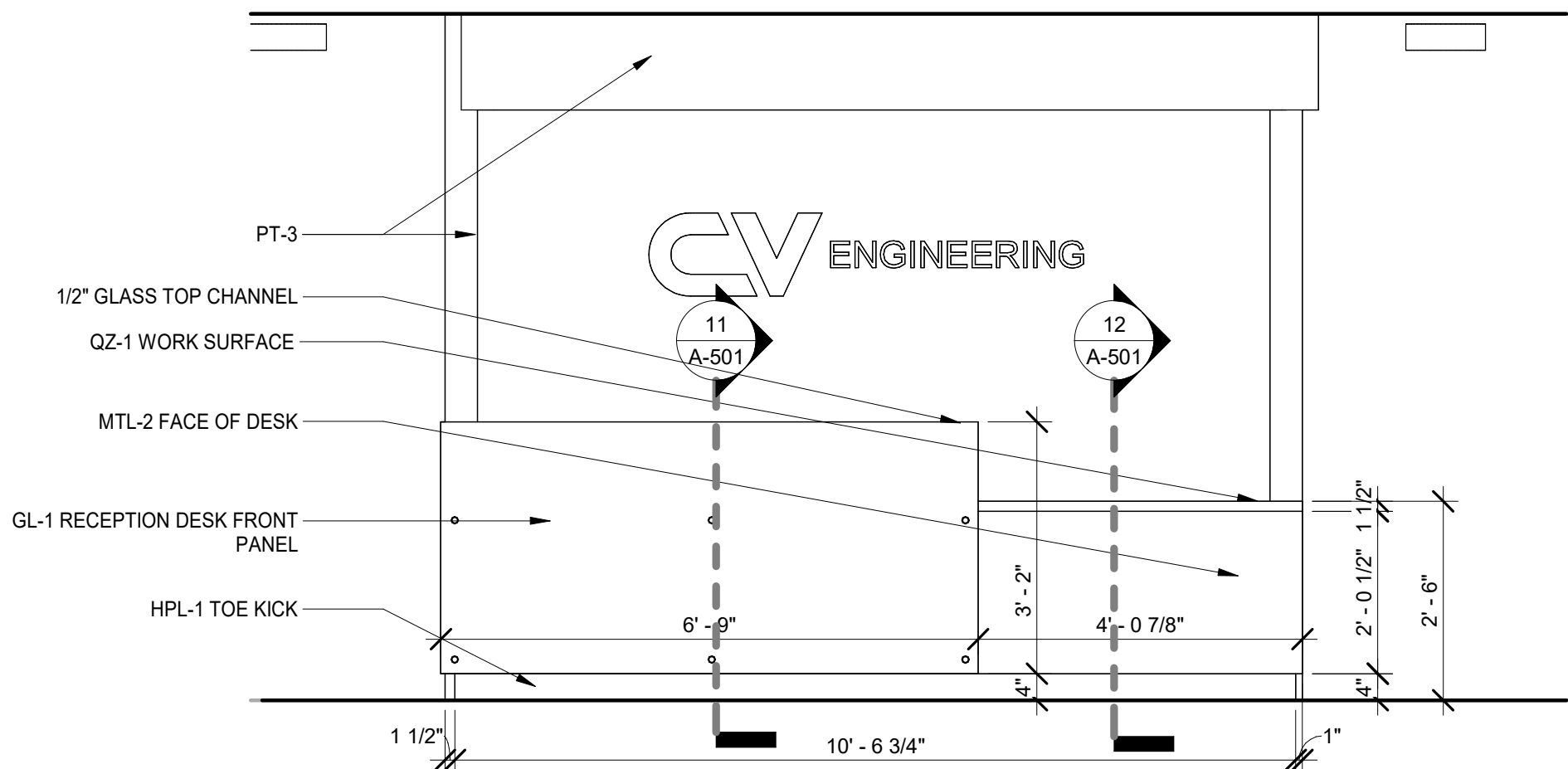
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CASEWORK NOTES LEGEND

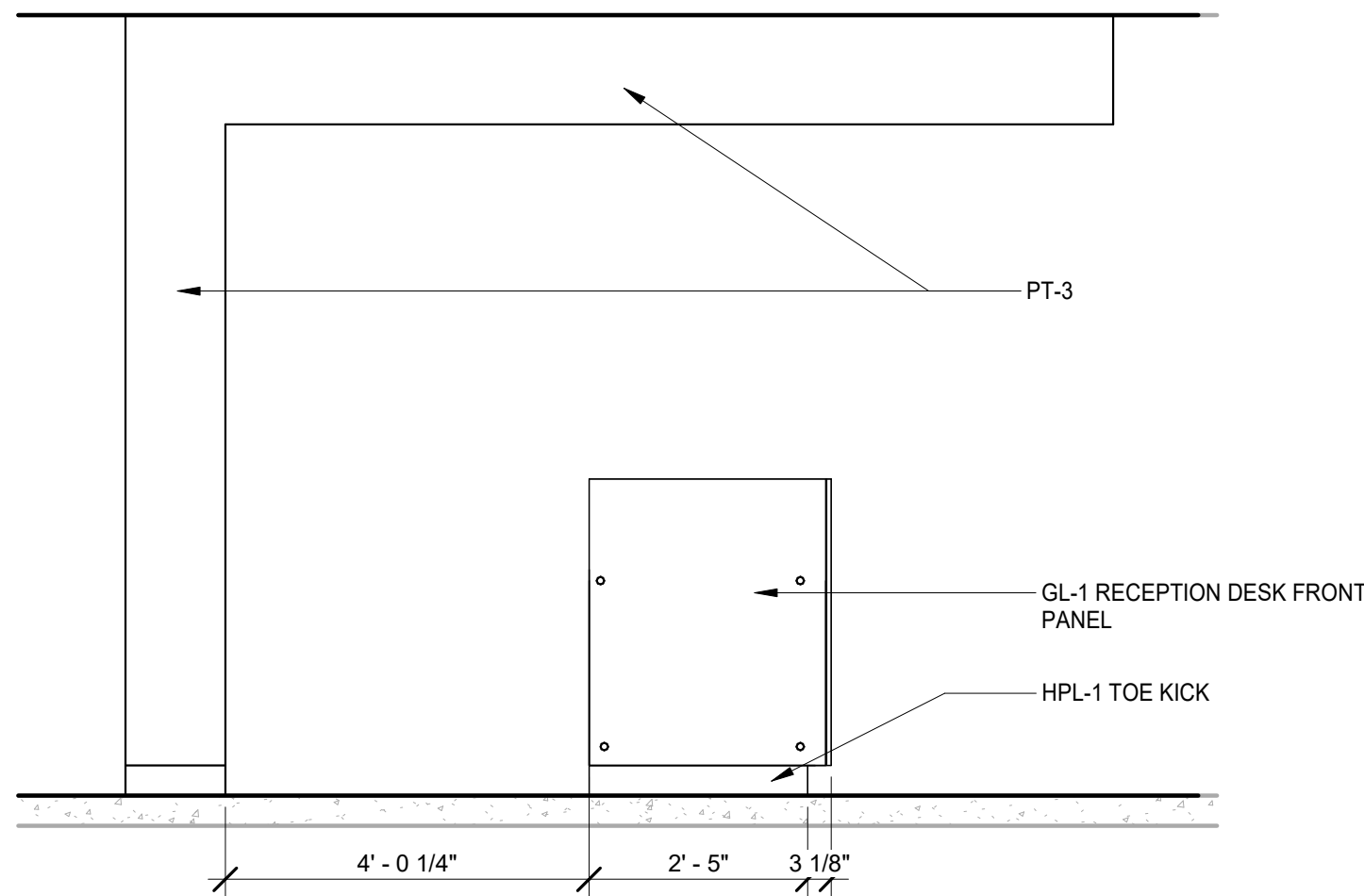
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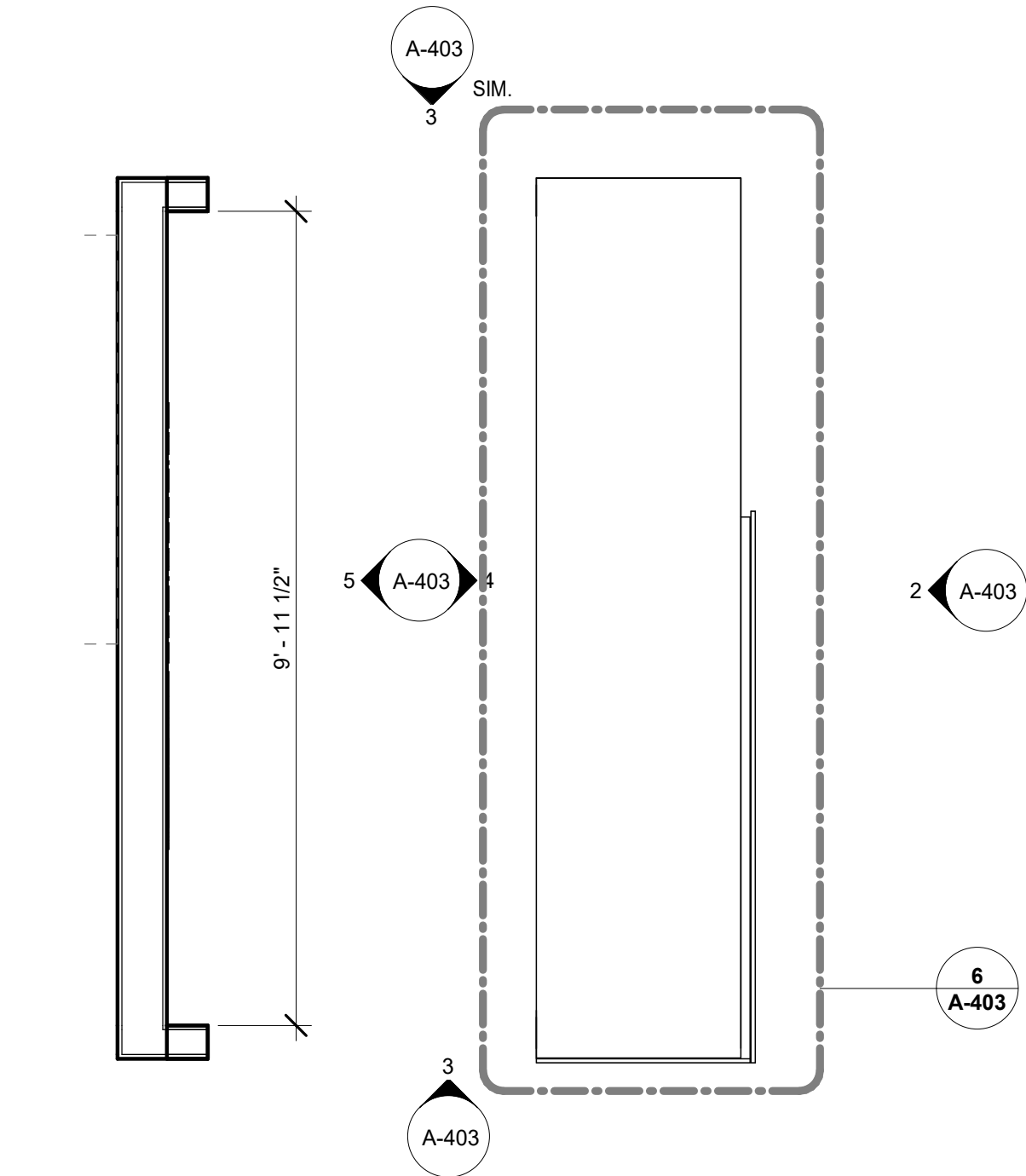
7 CONFERENCE B
SCALE: 1/2" = 1'-0"



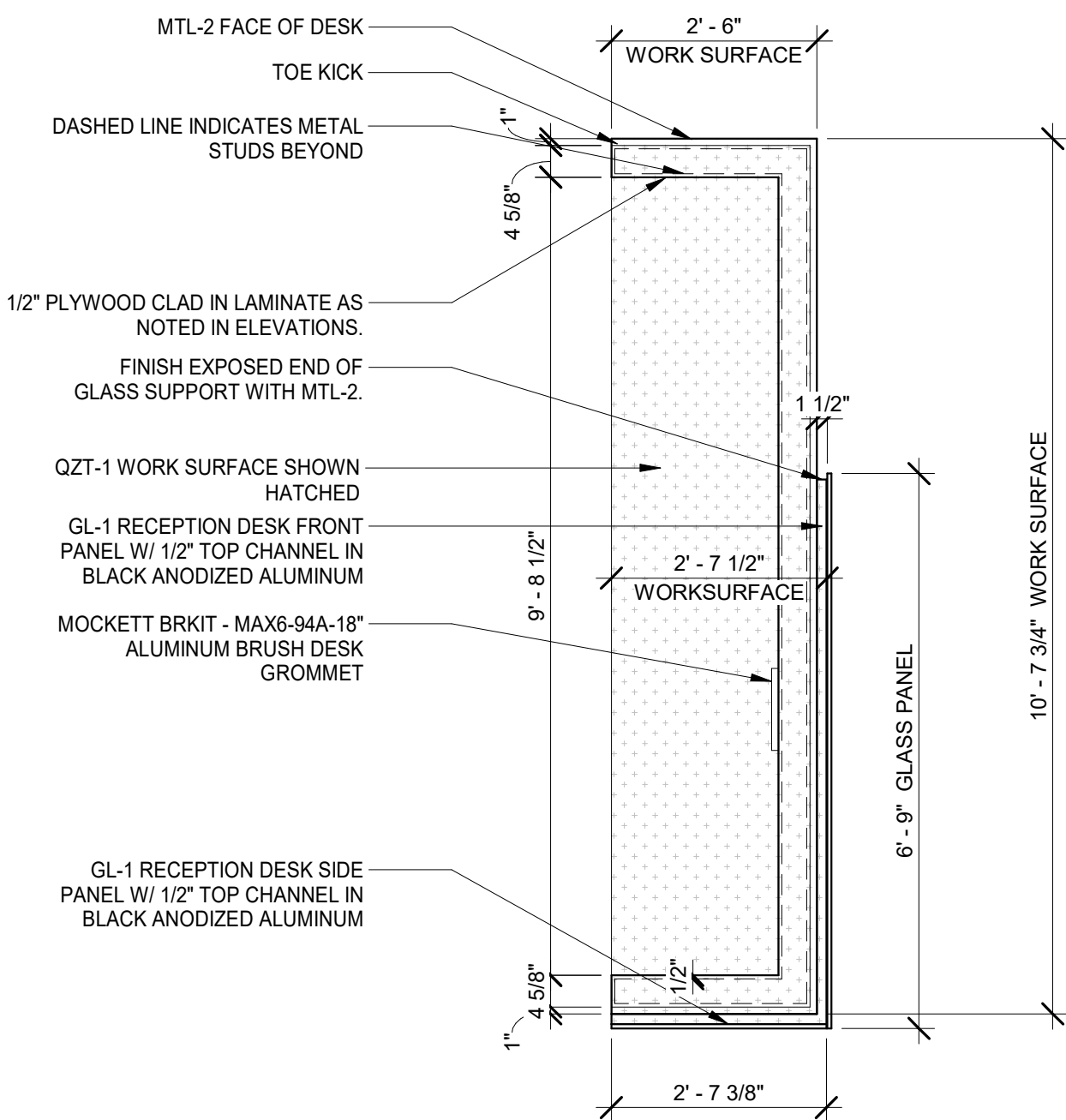
2 RECEPTION DESK FRONT
SCALE: 1/2" = 1'-0"



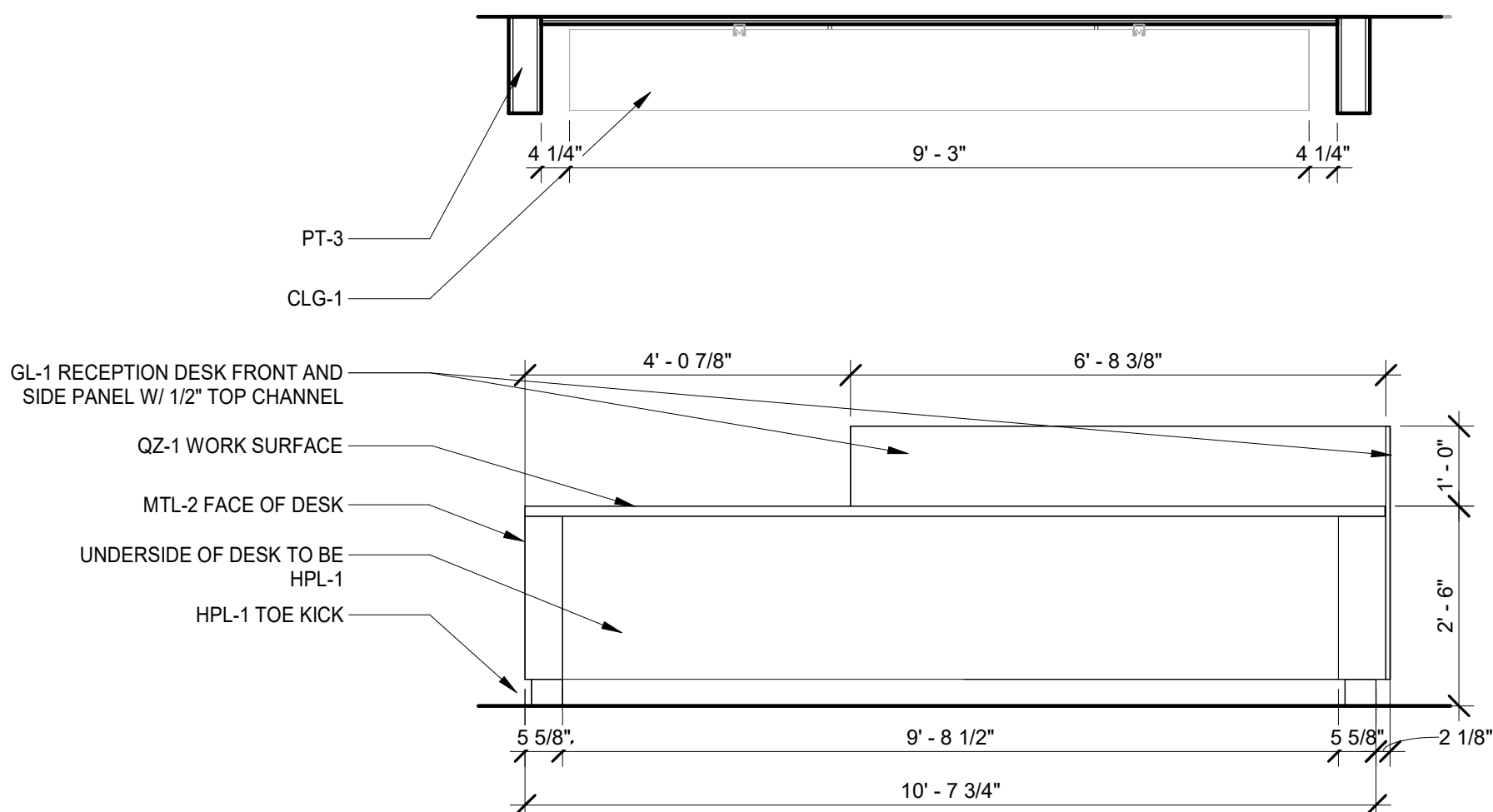
3 RECEPTION DESK SIDE
SCALE: 1/2" = 1'-0"



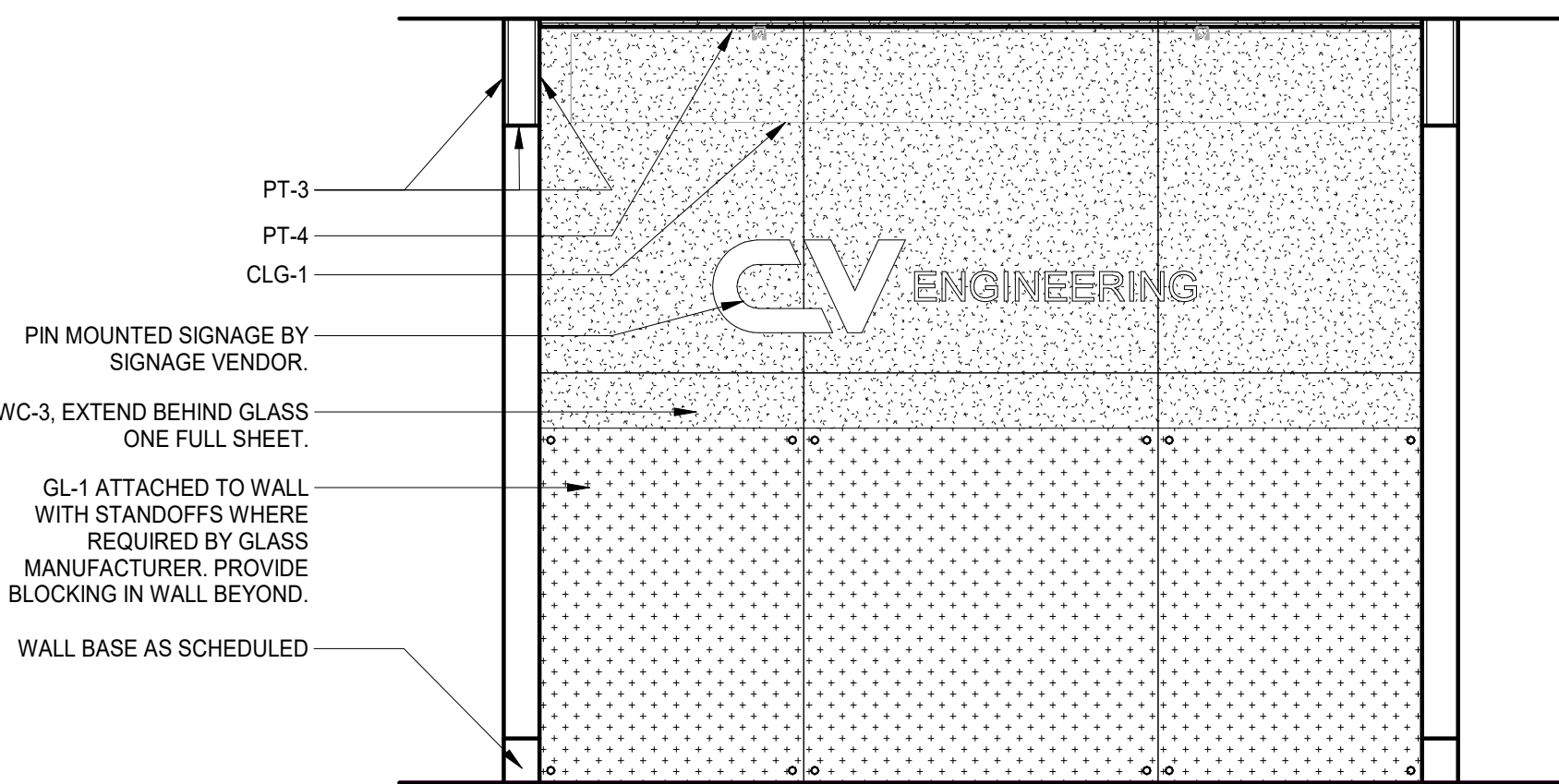
1 ENLARGED PLAN - RECEPTION
SCALE: 1/2" = 1'-0"



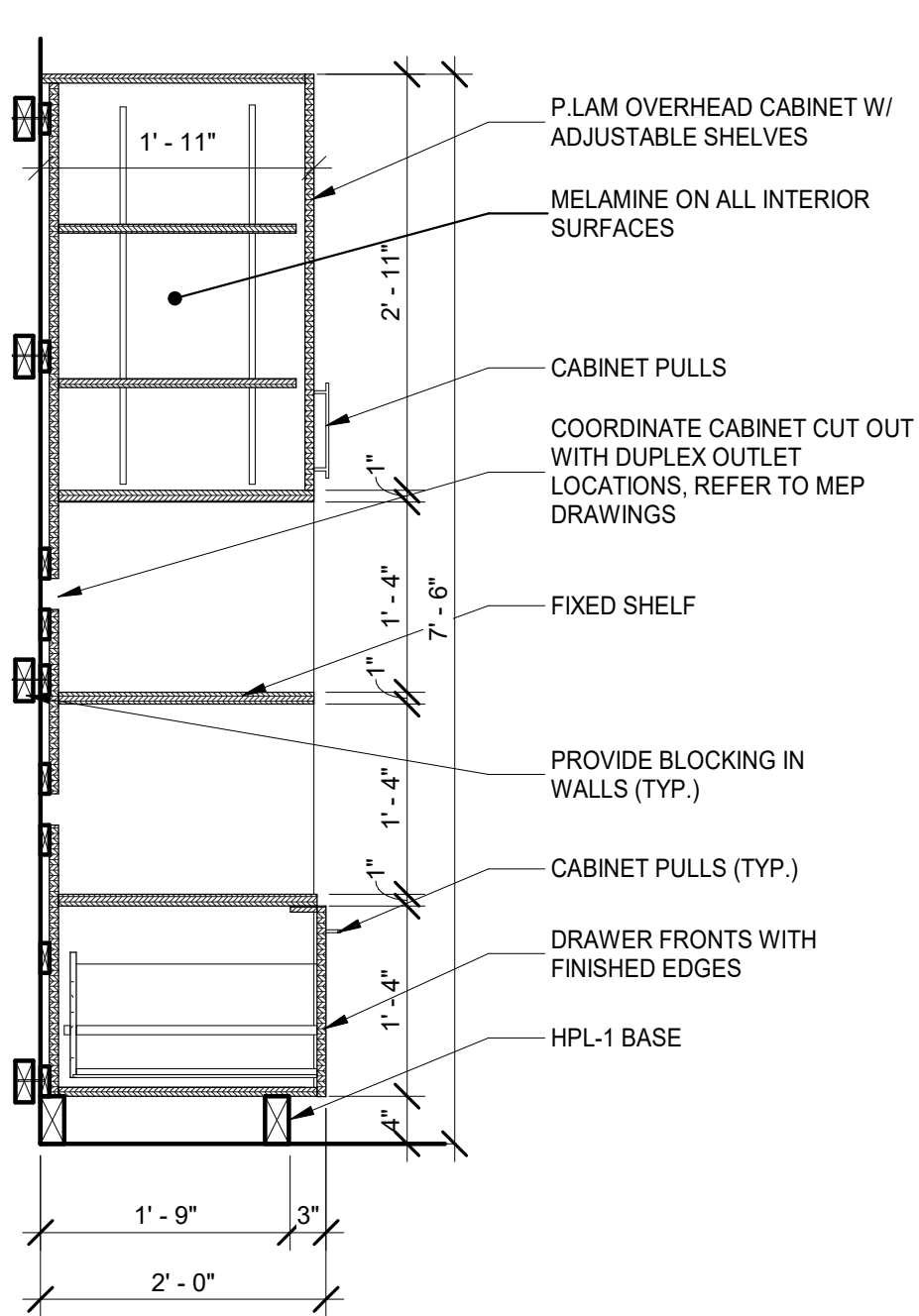
6 ENLARGED PLAN DETAIL- RECEPTION
SCALE: 1/2" = 1'-0"



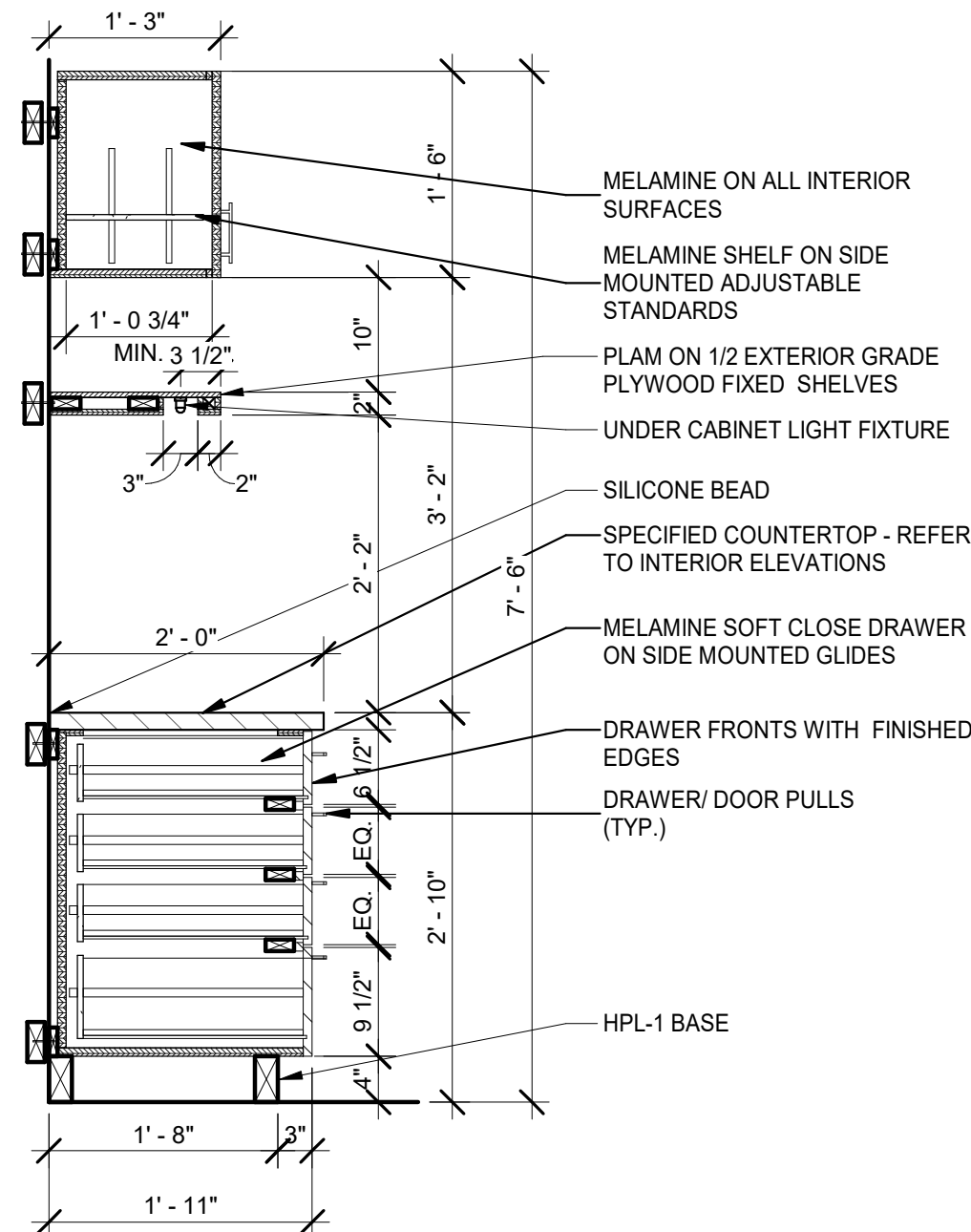
4 RECEPTION DESK REAR
SCALE: 1/2" = 1'-0"



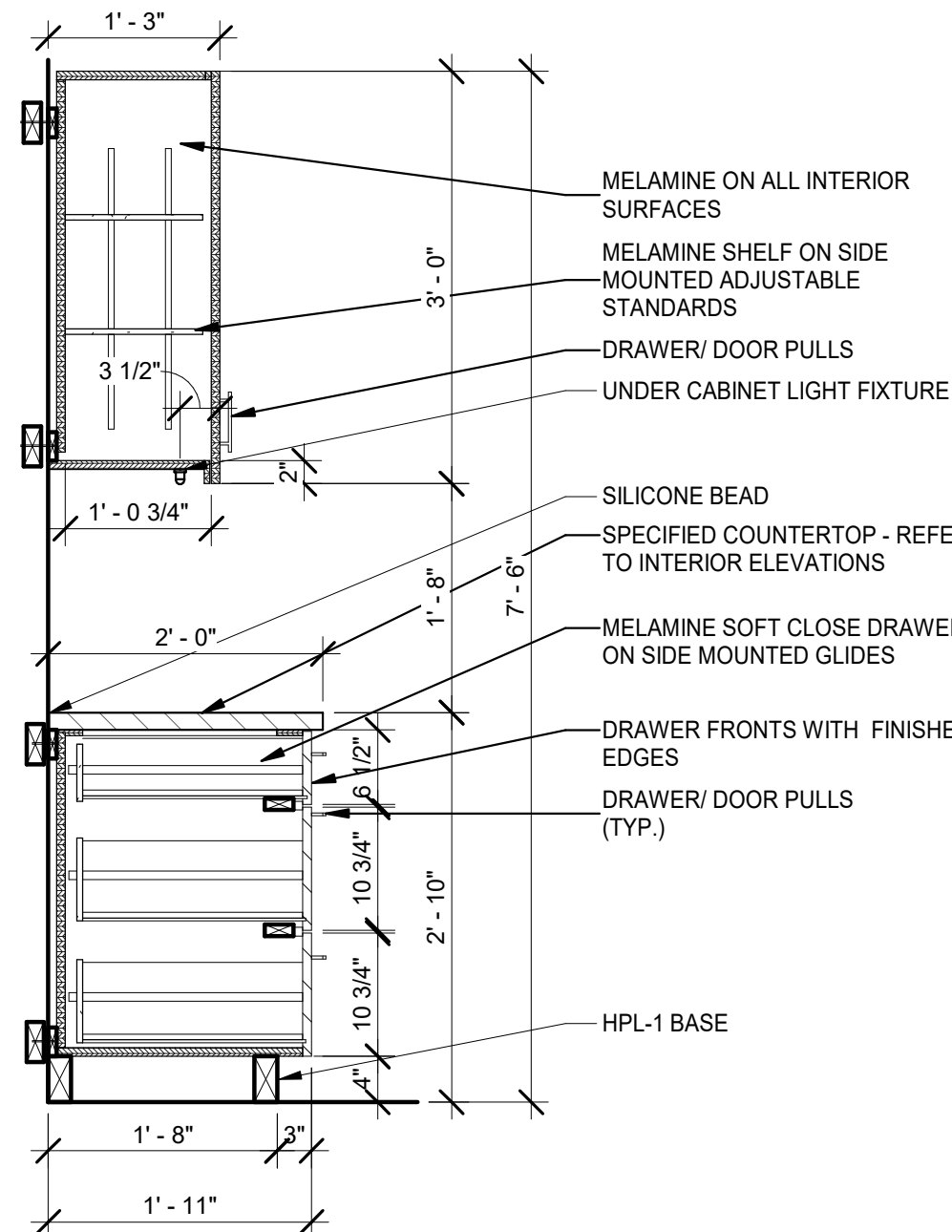
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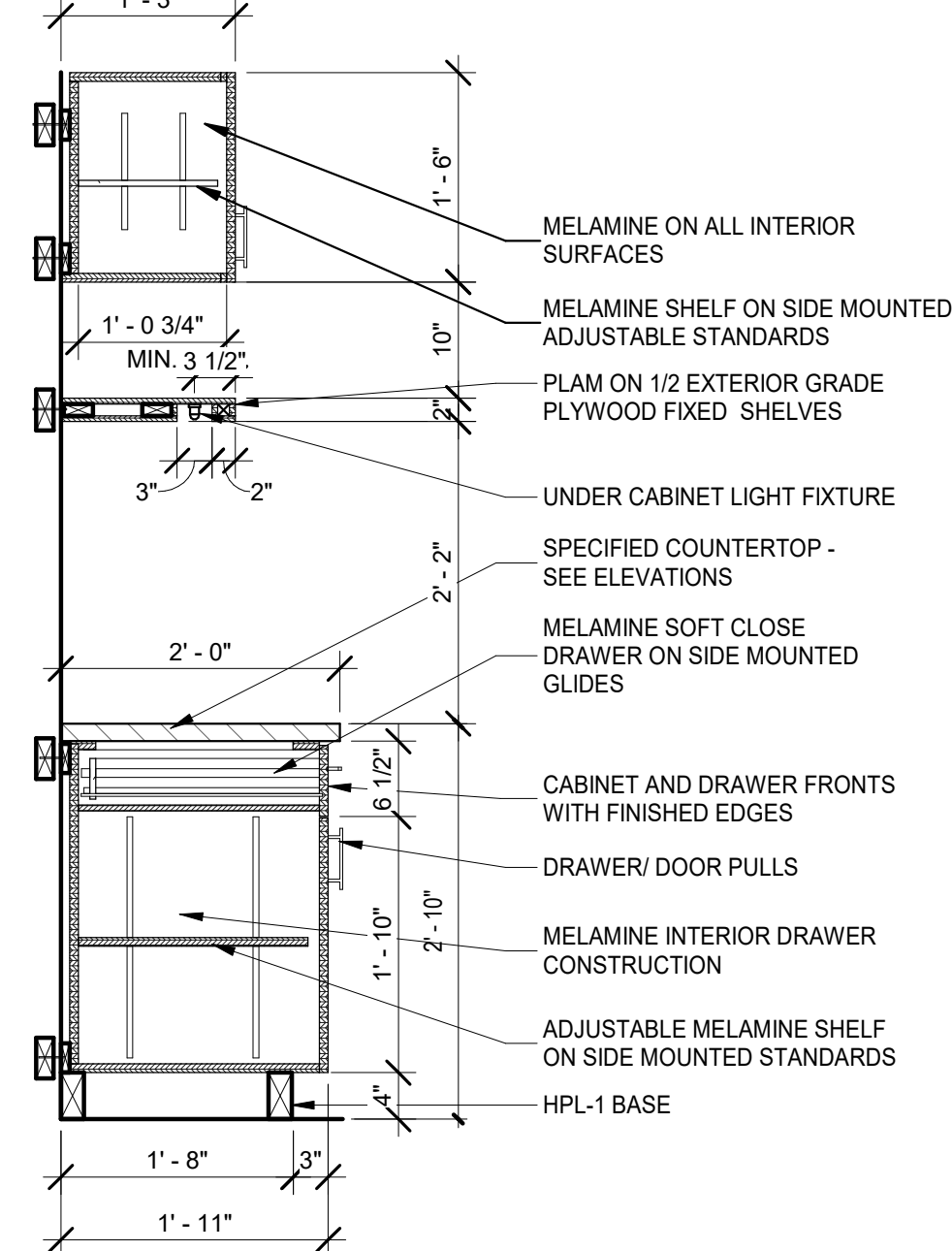
1 CASEWORK SECTION
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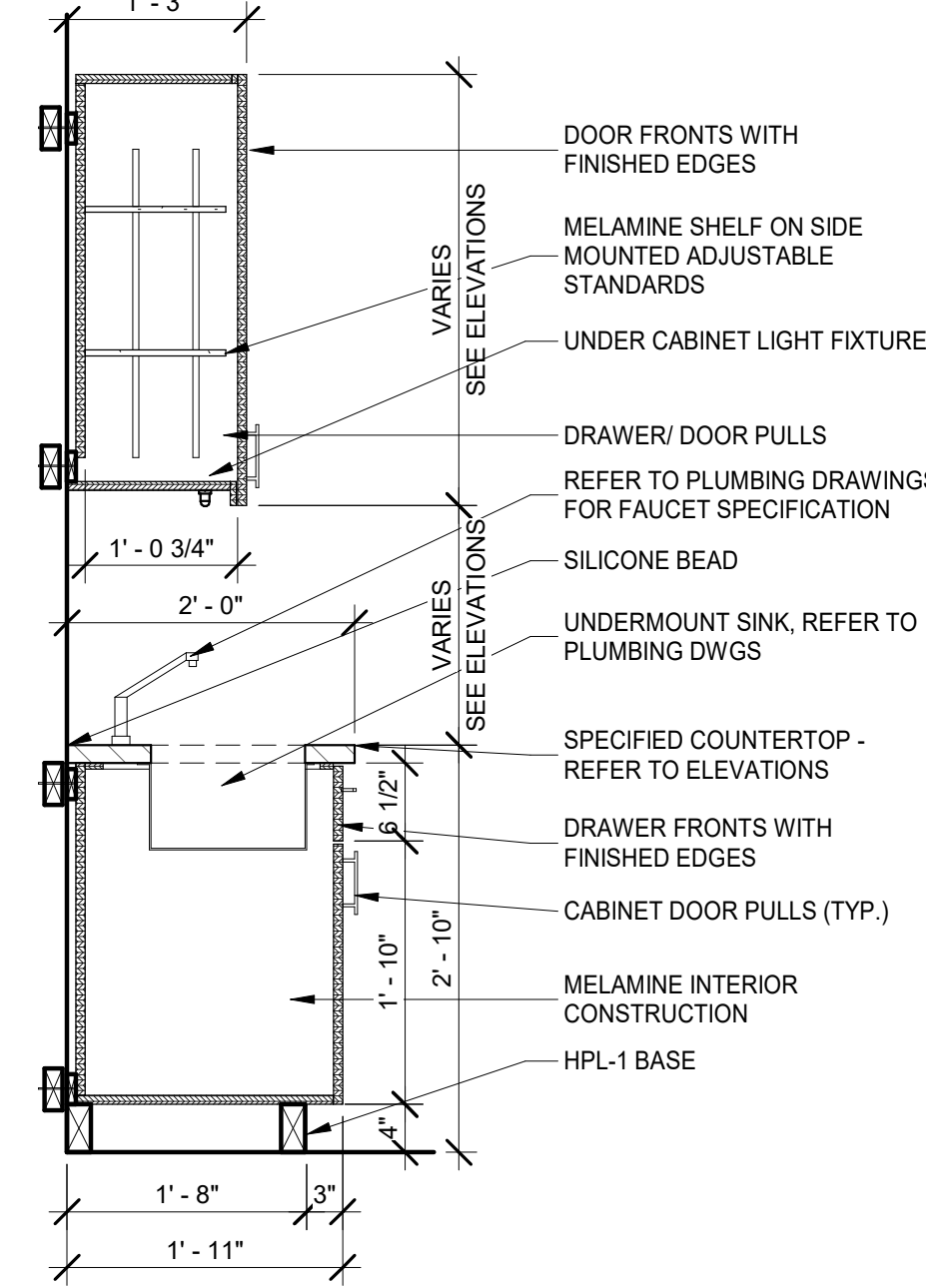
2 CASEWORK SECTION
SCALE: 3/4" = 1'-0"



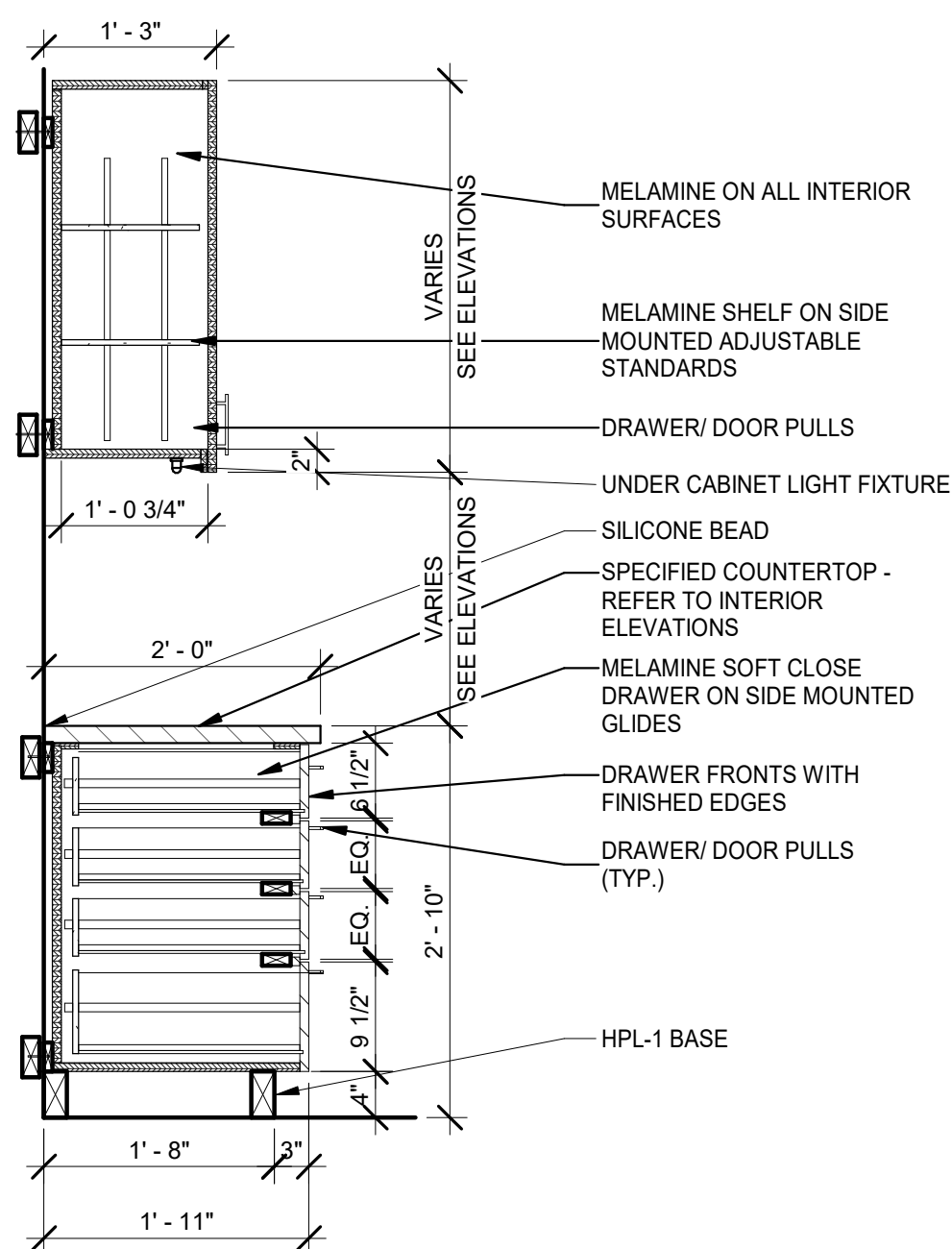
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SCALE: 3/4" = 1'-0"



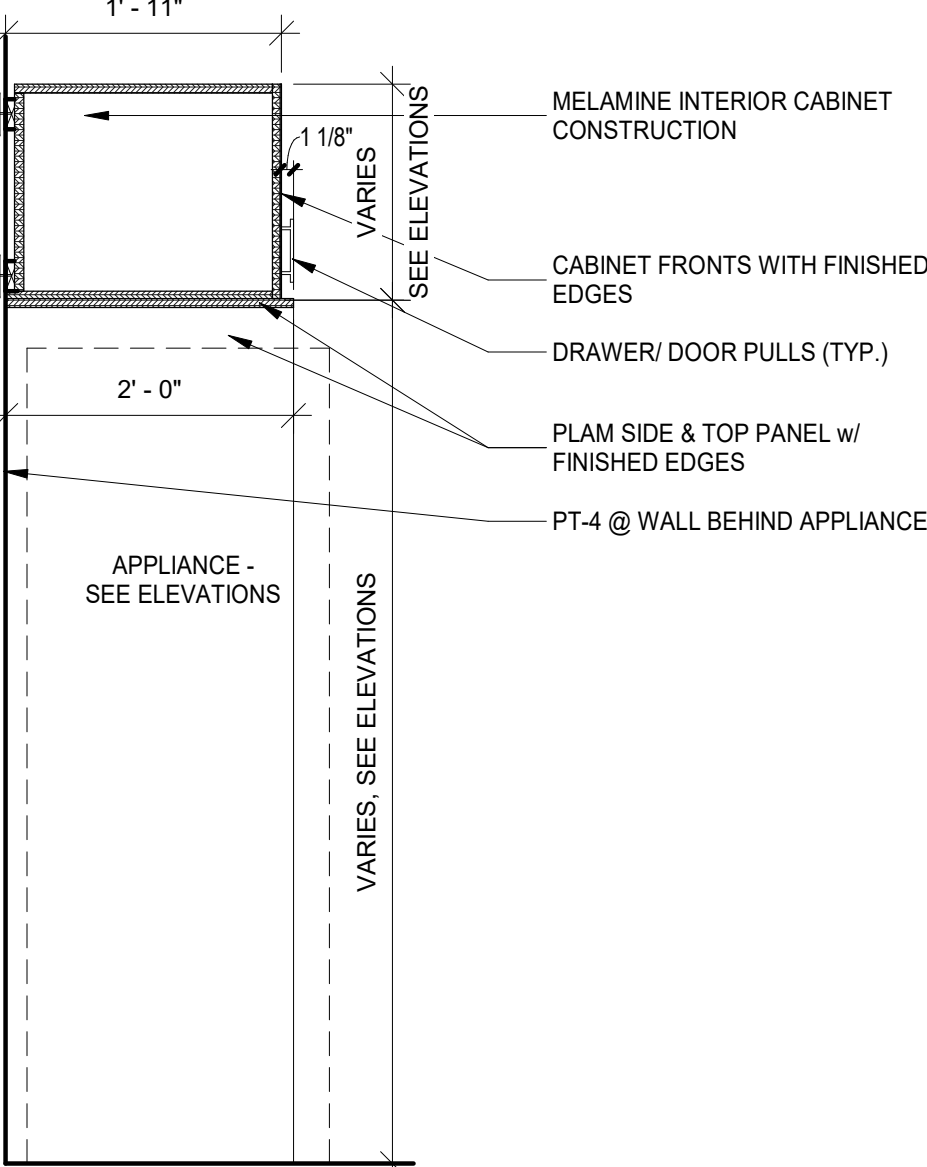
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SCALE: 3/4" = 1'-0"



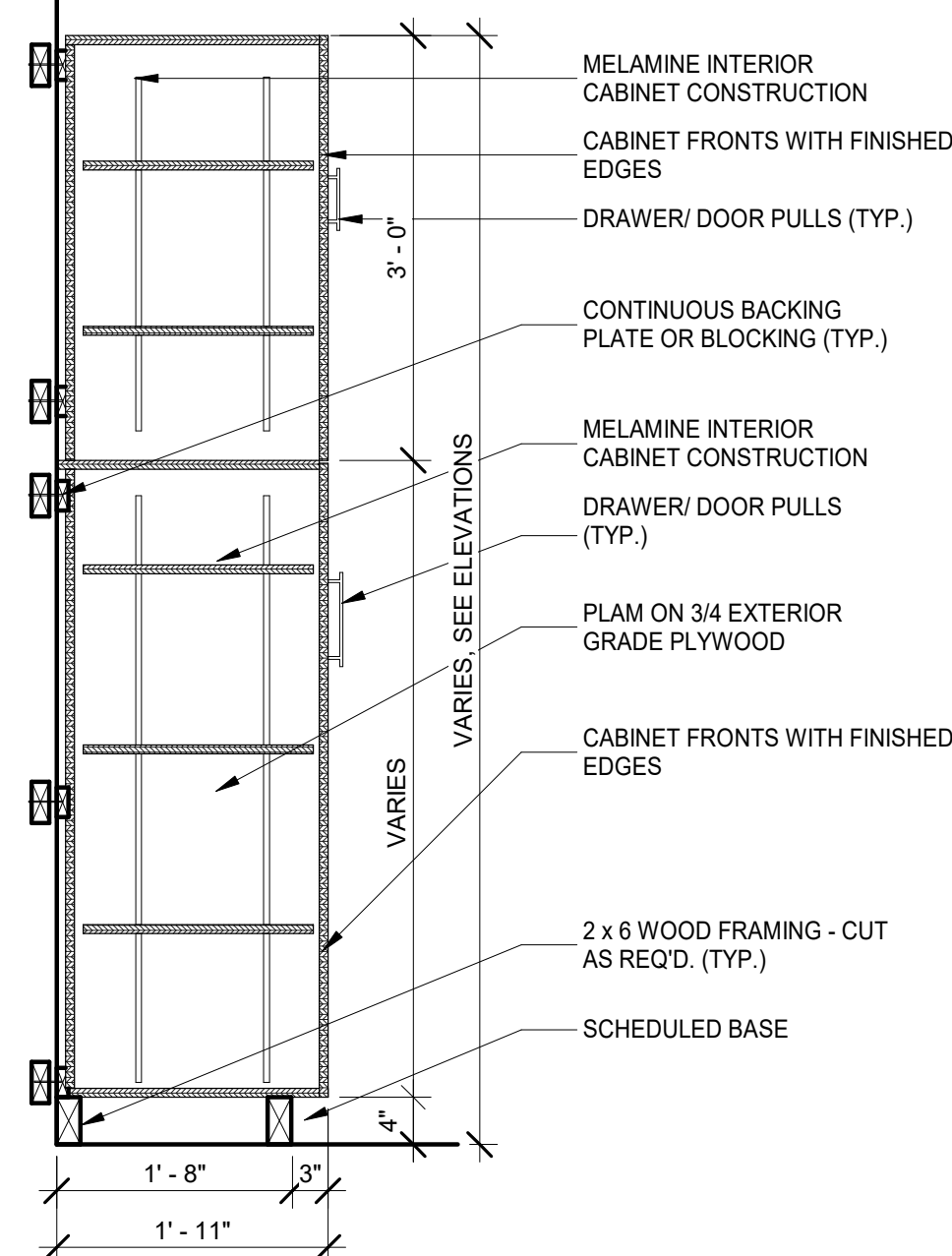
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SCALE: 3/4" = 1'-0"



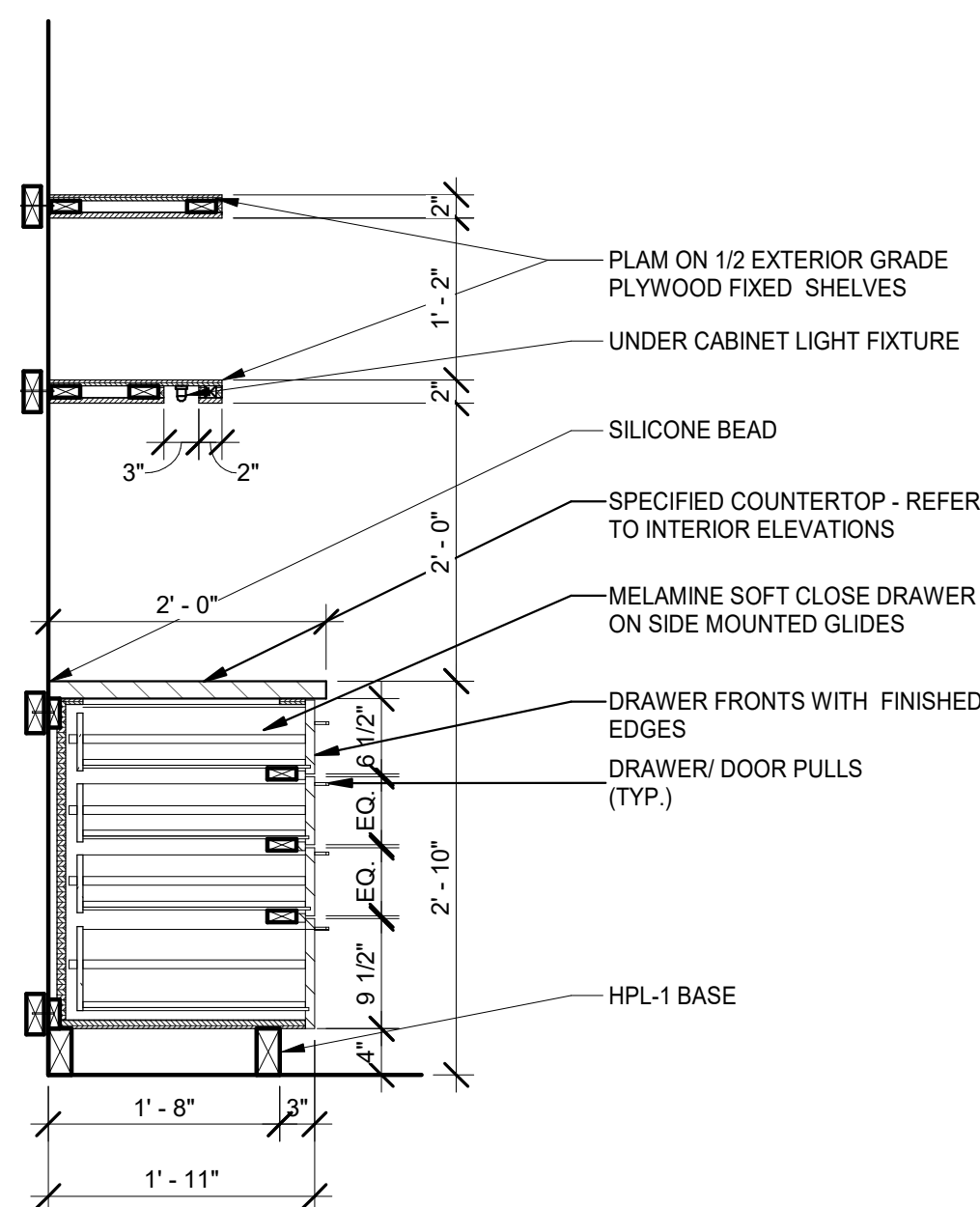
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SCALE: 3/4" = 1'-0"



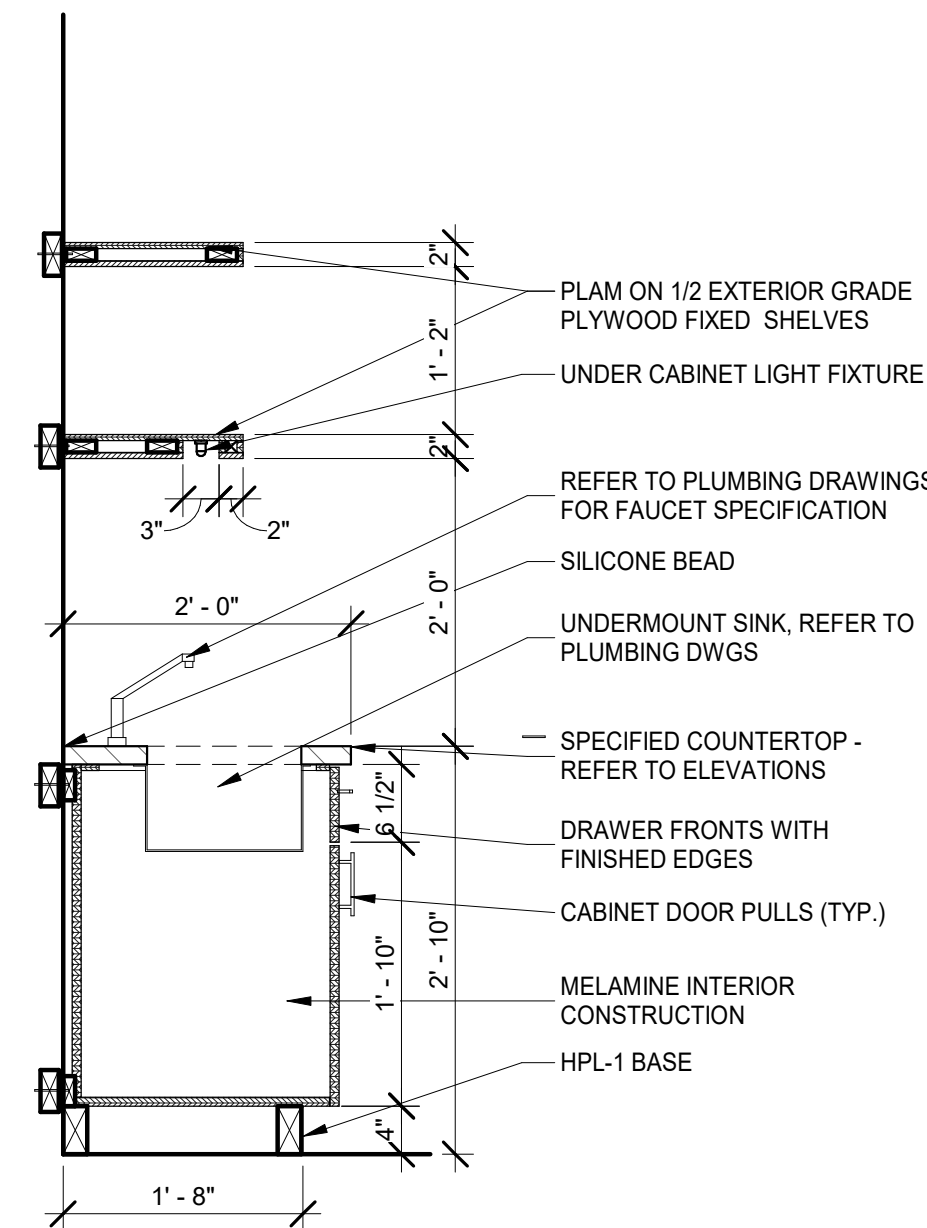
7 CASEWORK SECTION
SCALE: 3/4" = 1'-0"



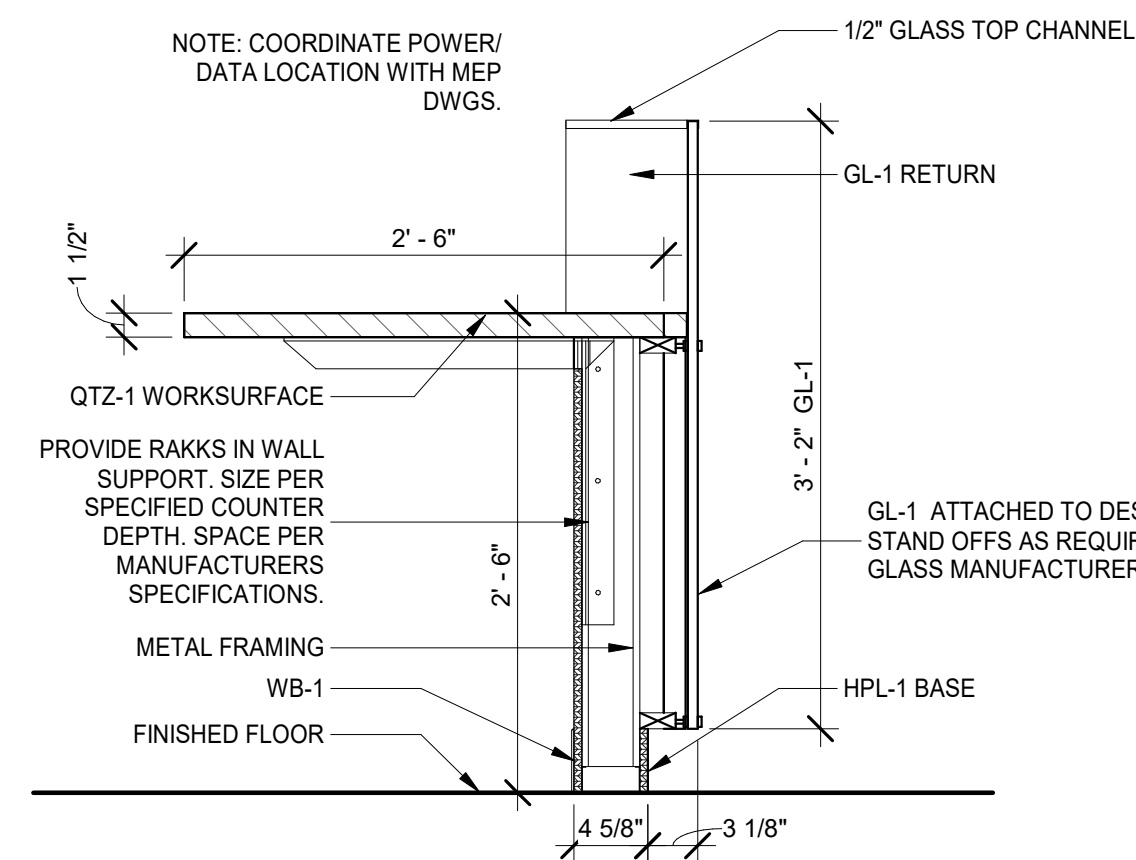
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SCALE: 3/4" = 1'-0"



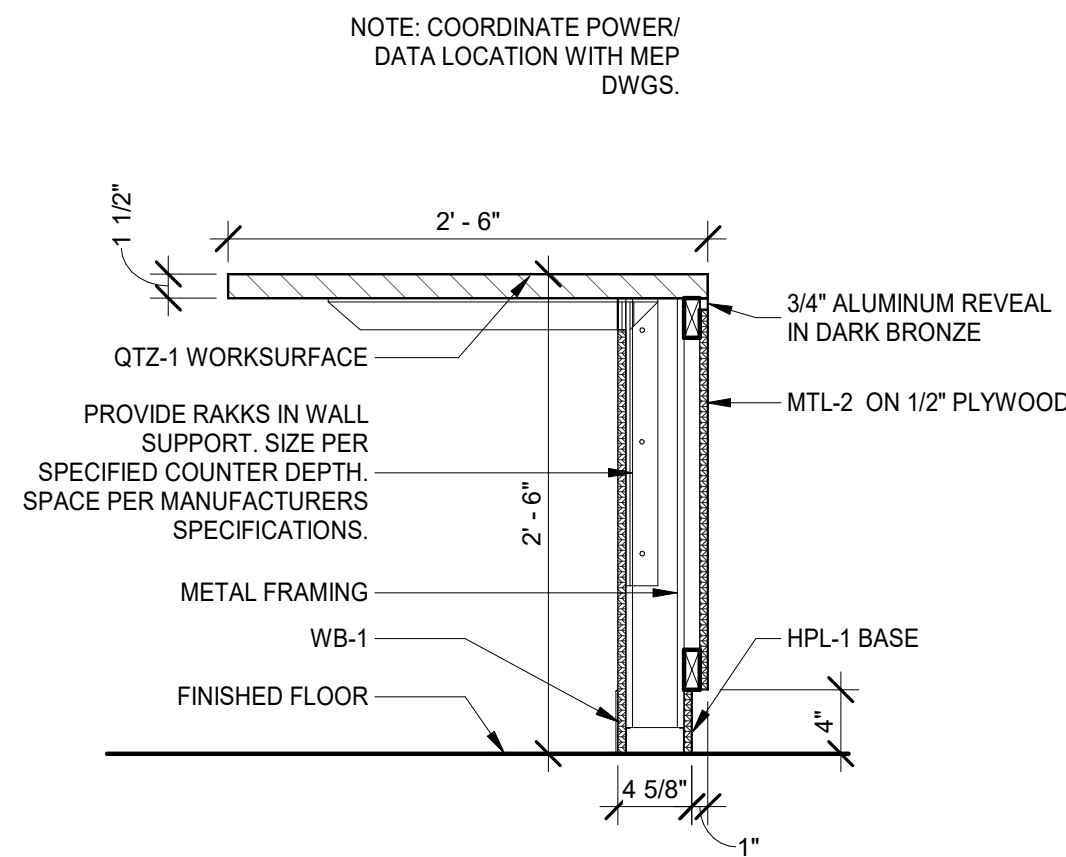
9 CASEWORK SECTION
SCALE: 3/4" = 1'-0"



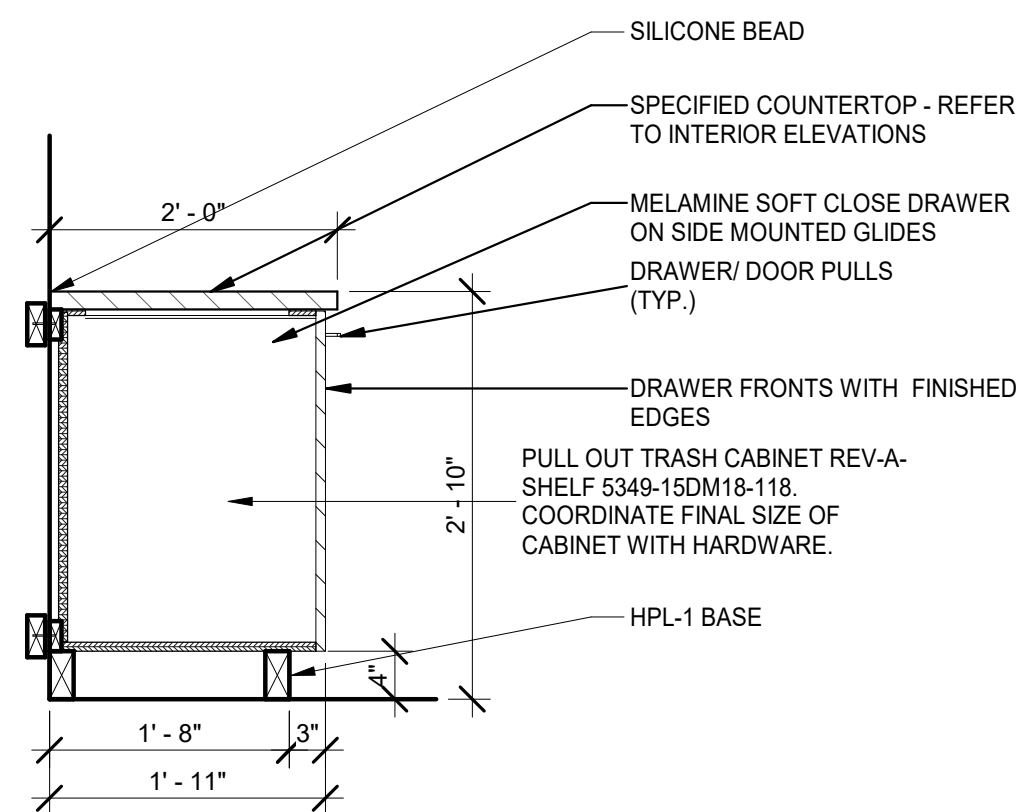
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SCALE: 3/4" = 1'-0"



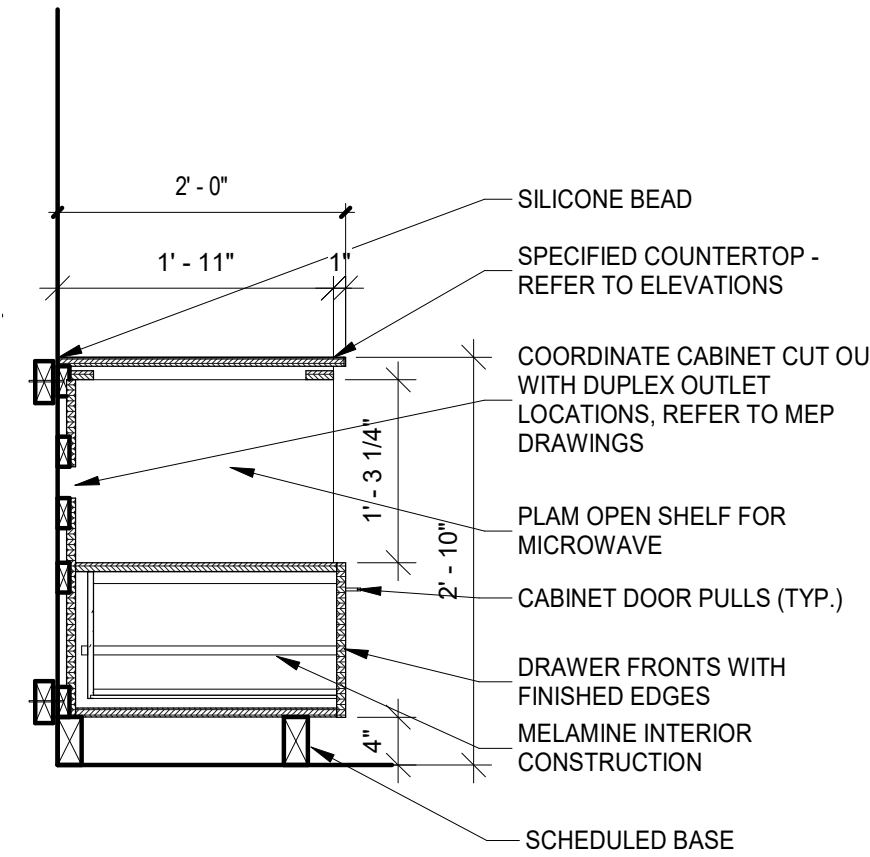
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SCALE: 1" = 1'-0"



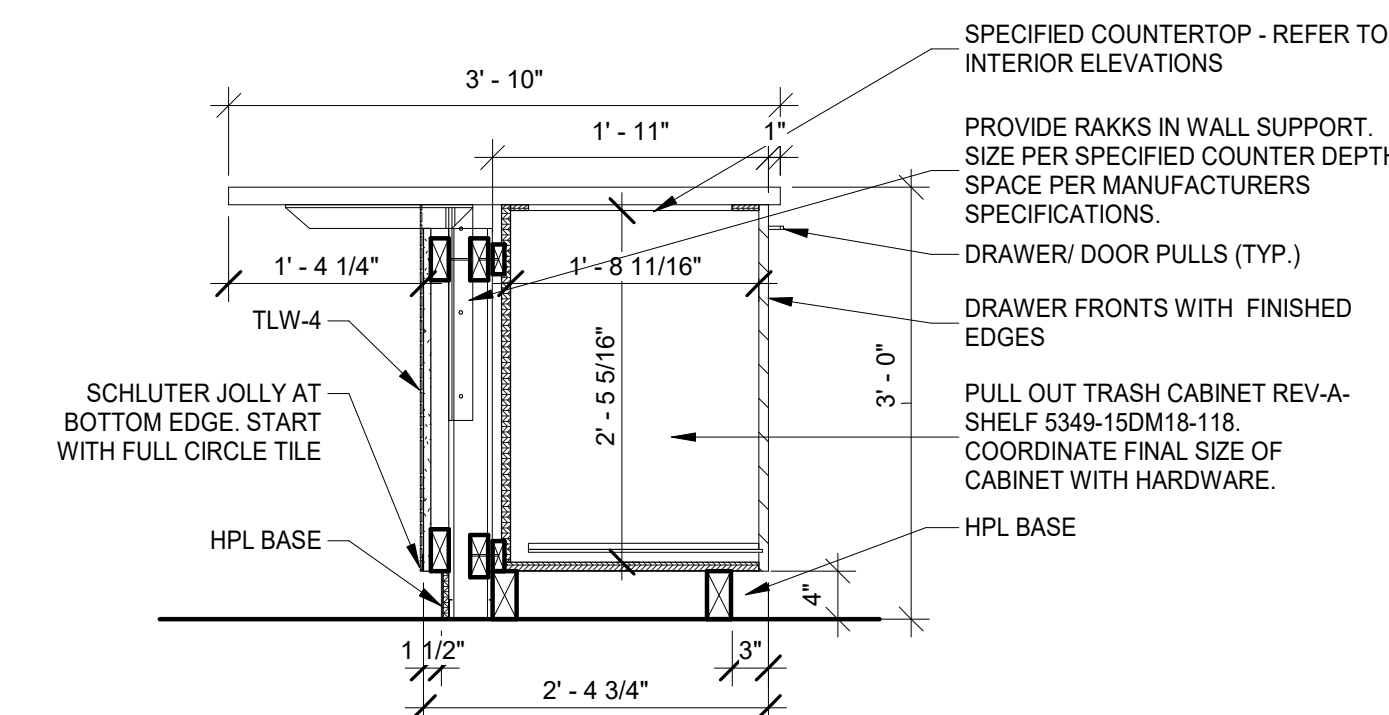
12 CASEWORK SECTION
SCALE: 1" = 1'-0"



13 CASEWORK SECTION
SCALE: 3/4" = 1'-0"



14 CASEWORK SECTION
SCALE: 3/4" = 1'-0"

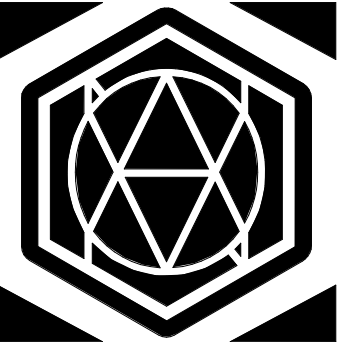


15 CASEWORK SECTION
SCALE: 3/4" = 1'-0"

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SHEET TITLE:
Millwork Section
Details

SHEET NO:

A-501

DOOR SCHEDULE												
Room Name	Opng. No.	Opening Size		Door				Frame		Hdwe Set	Remarks	
		Width	Height	Type	Mat'l	Thres Type	Glass Type	Elev. Type	Mat'l			Glass Type
First Floor												
RECEPTION	101	6' - 0"	7' - 0"	----	ALUM	ALUM	GT-04	----	ALUM		HW-01 A.	
CONFERENCE ROOM A	102	6' - 0"	7' - 0"	B	ALUM	----	GT-01	----	ALUM	GT-02	HW-07 A.	
CONFERENCE ROOM B	103	6' - 0"	7' - 0"	B	ALUM	----	GT-01	----	ALUM	GT-02	HW-07 A.	
MECH.	106	3' - 0"	7' - 0"	A	WD	----	----	1	ALUM	----	HW-05	
UNISEX TOILET	107	3' - 0"	7' - 0"	A	WD	TH-1	----	1	ALUM	----	HW-03	
SUPPLY ROOM	108A	3' - 0"	7' - 0"	A	WD	----	----	1	ALUM	----	HW-05	
SUPPLY ROOM	108B	3' - 0"	7' - 0"	A	WD	----	----	1	ALUM	----	HW-05	
IT OFFICE	109	3' - 0"	7' - 0"	B	WD	----	GT-01	3	ALUM	GT-01	HW-04	
ACCOUNTING OFFICE	110	3' - 0"	7' - 0"	B	WD	----	GT-01	3	ALUM	GT-01	HW-04	
WORKOUT ROOM	111	3' - 0"	7' - 0"	B	WD	----	GT-01	2	ALUM	GT-01	HW-04	
	185	3' - 0"	7' - 0"							----		
Second Floor												
MEN	205	3' - 0"	7' - 0"	A	WD	TH-1	----	1	ALUM	----	HW-06	
WOMEN	206	3' - 0"	7' - 0"	A	WD	TH-1	----	1	ALUM	----	HW-06	
OFFICE	207	3' - 0"	7' - 0"	B	WD	----	GT-01	2	ALUM	GT-01	HW-04	
OFFICE	208	3' - 0"	7' - 0"	B	WD	----	GT-01	2	ALUM	GT-01	HW-04	
OFFICE	209	3' - 0"	7' - 0"	B	ALUM	----	GT-01	2	ALUM	GT-01	HW-04	
OFFICE	212	3' - 0"	7' - 0"	B	WD	----	GT-01	2	ALUM	GT-01	HW-04	
OFFICE	213	3' - 0"	7' - 0"	B	WD	----	GT-01	2	ALUM	GT-01	HW-04	
HUDDLE	214	3' - 0"	7' - 0"	B	ALUM	----	GT-01	----	ALUM	GT-01	HW-04 A.	
Third Floor												
OFFICE	303	3' - 0"	7' - 0"	B	WD	----	GT-01	2	ALUM	GT-01	HW-04	
OFFICE	304	3' - 0"	7' - 0"	B	WD	----	GT-01	2	ALUM	GT-01	HW-04	
OFFICE	305	3' - 0"	7' - 0"	B	WD	----	GT-01	2	ALUM	GT-01	HW-04	
OFFICE	307	3' - 0"	7' - 0"	B	WD	----	GT-01	2	ALUM	GT-01	HW-04	
OFFICE	308	3' - 0"	7' - 0"	B	WD	----	GT-01	2	ALUM	GT-01	HW-04	
OFFICE	309	3' - 0"	7' - 0"	B	WD	----	GT-01	2	ALUM	GT-01	HW-04	
OFFICE	310	3' - 0"	7' - 0"	B	WD	----	GT-01	2	ALUM	GT-01	HW-04	
3RD FLOOR OPEN OFFICE	311	3' - 0"	7' - 0"	B	WD	----	GT-01	2	ALUM	GT-01	HW-04	

DOOR SCHEDULE LEGEND

Remarks

A. SEE ELEVATIONS FOR DOOR AND FRAME TYPE.

General Notes

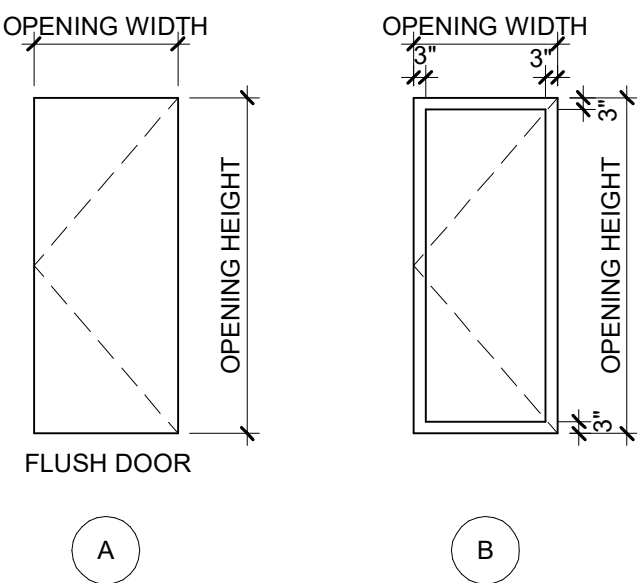
- WHERE FLOOR FINISH CHANGES FROM ONE ROOM TO ANOTHER, PROVIDE TRANSITION STRIP AT THE CENTER OF THE COMMUNICATING DOOR.

Glass Types

GT-01 TEMPERED
GT-02 TEMPERED INSULATED GLASS (FIXED) U-0.36 MAX, SHGC-0.38 MAX, VT/SHGC-1.10
GT-03 TEMPERED INSULATED GLASS (OPERABLE) U-0.45 MAX, SHGC-0.33 MAX, VT/SHGC-1.10
GT-04 TEMPERED INSULATED GLASS (ENTRANCE DOOR) U-0.63 MAX, SHGC-0.33 MAX, VT/SHGC-1.10

Hardware Sets

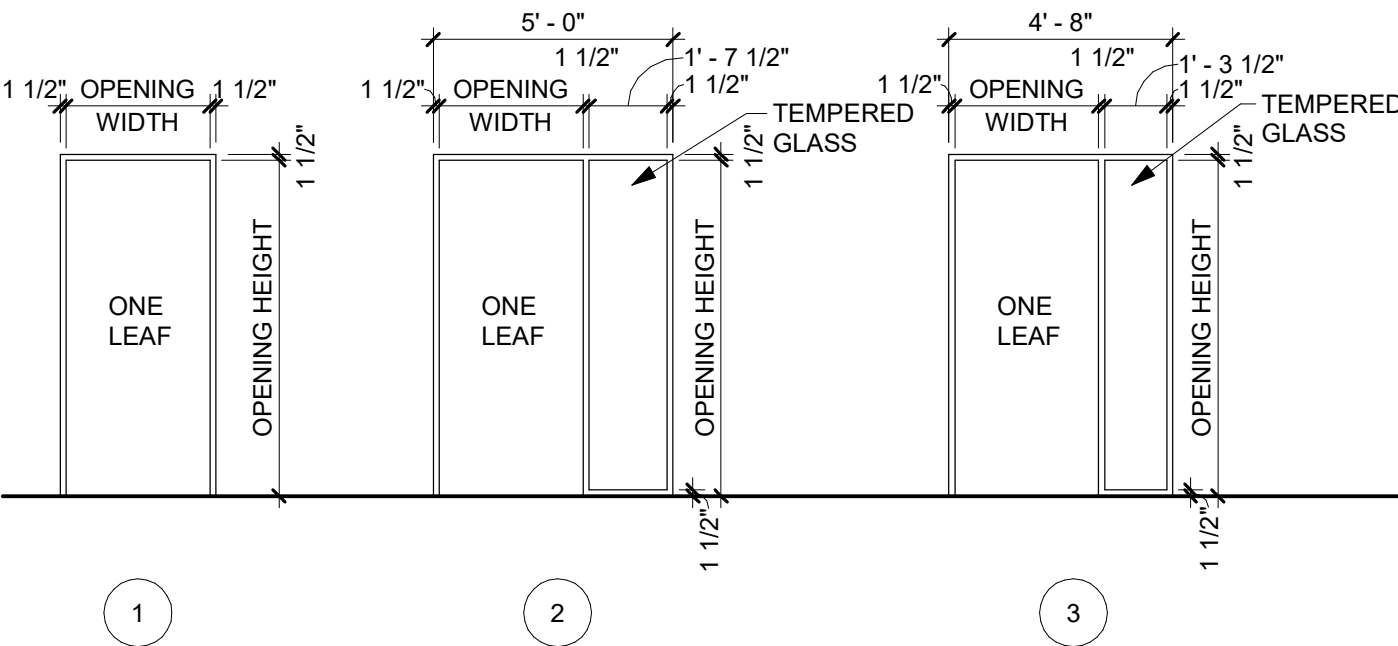
HW-01 PULL AND PUSH BAR WITH ENTRY LOCK, CLOSER, WEATHER STRIPPING FOR DOUBLE DOOR.
HW-02 PASSAGE LOCKSET
HW-03 PRIVACY LOCKSET
HW-04 CLASSROOM LOCKSET
HW-05 STOREROOM LOCKSET
HW-06 PUSH PLATE AND PULL WITH CLOSER
HW-07 PULL BOTH SIDES OF DOUBLE DOOR



A

B

DOOR TYPES

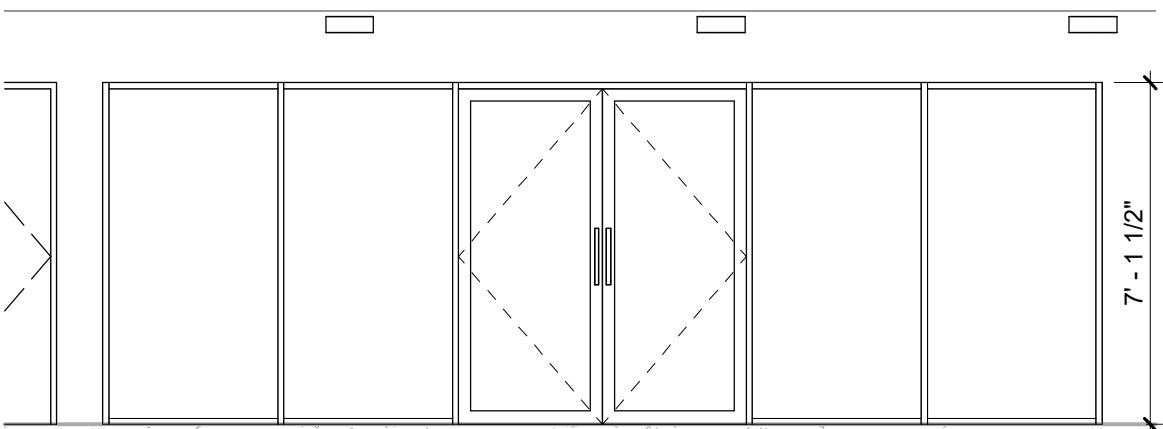


1

2

3

FRAME TYPES

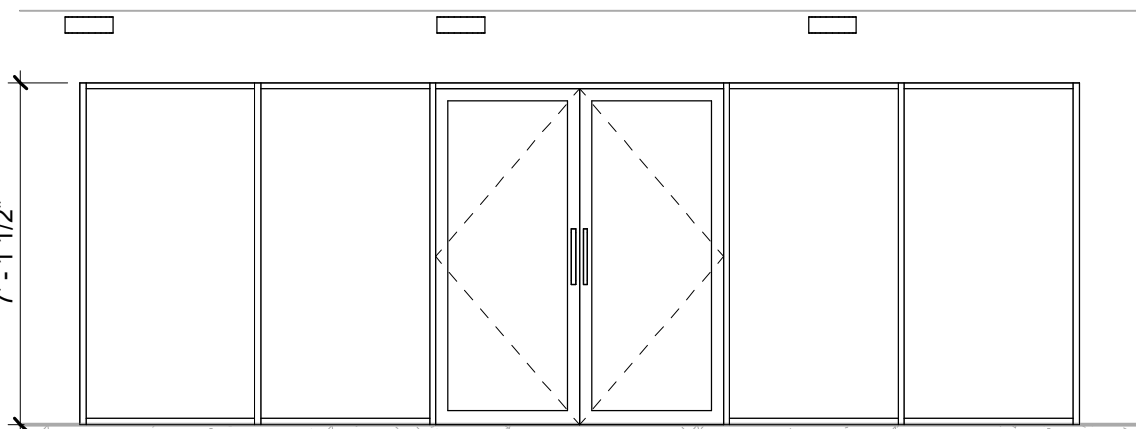


3

CONFERENCE ROOM B

A-601

SCALE: 1/4" = 1'-0"

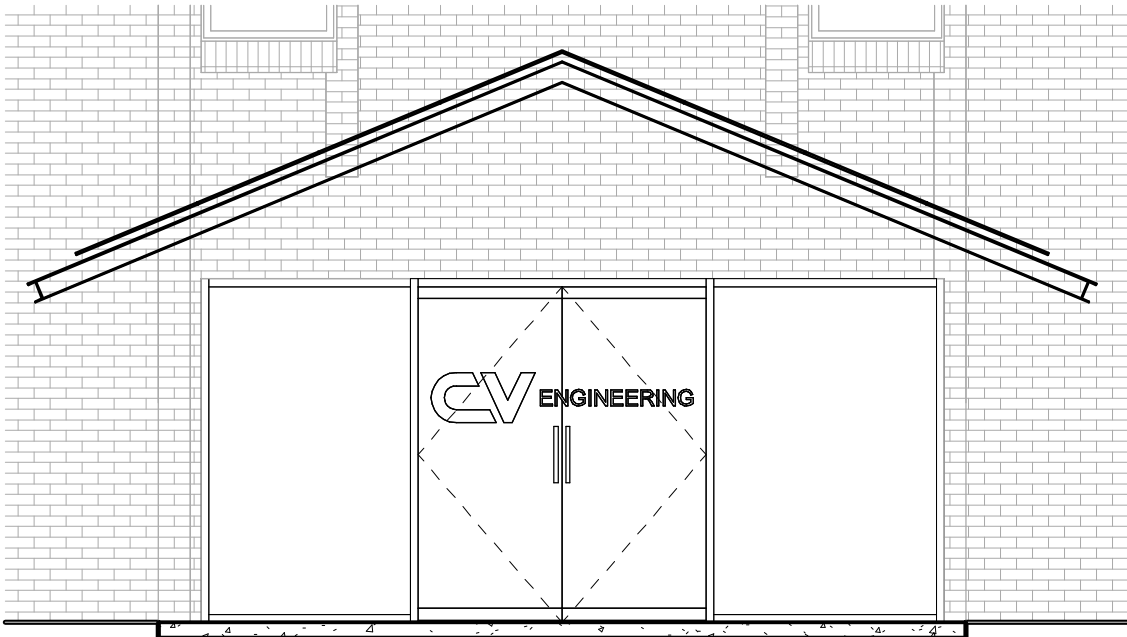


2

CONFERENCE ROOM A

A-601

SCALE: 1/4" = 1'-0"

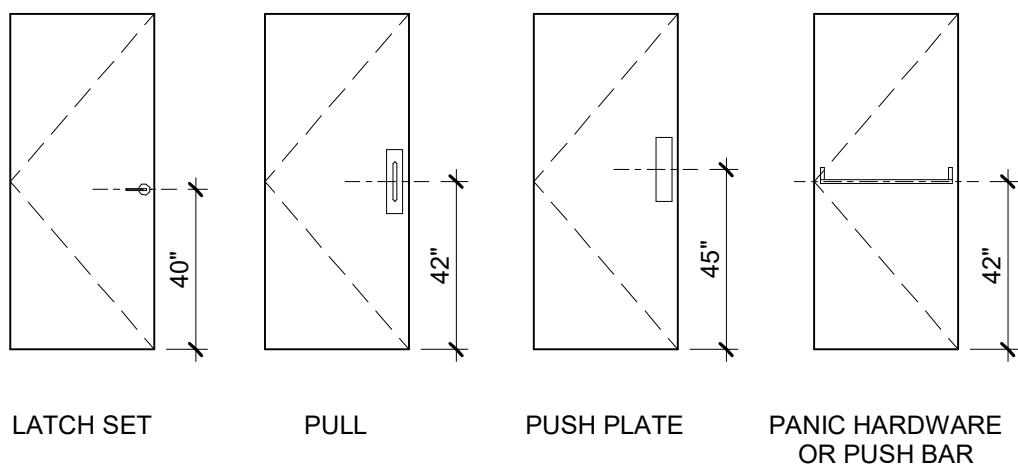


1

MAIN ENTRANCE ELEVATION

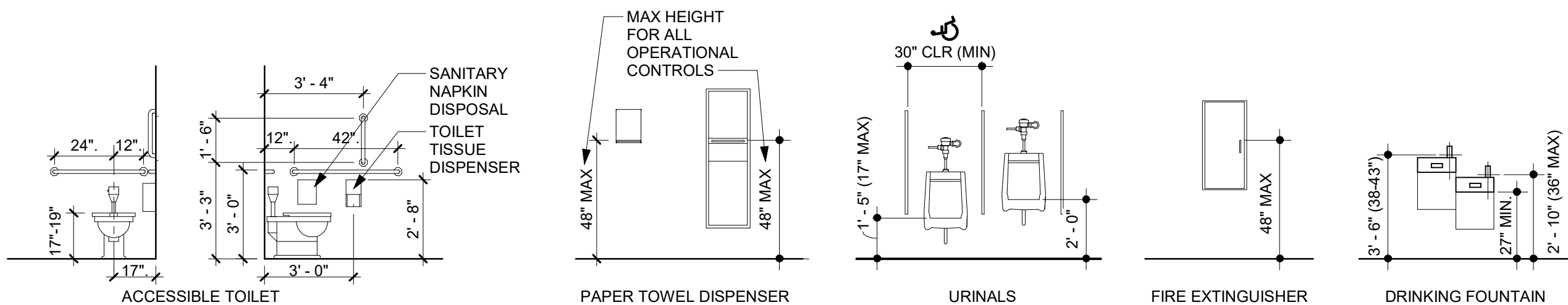
A-601

SCALE: 1/4" = 1'-0"

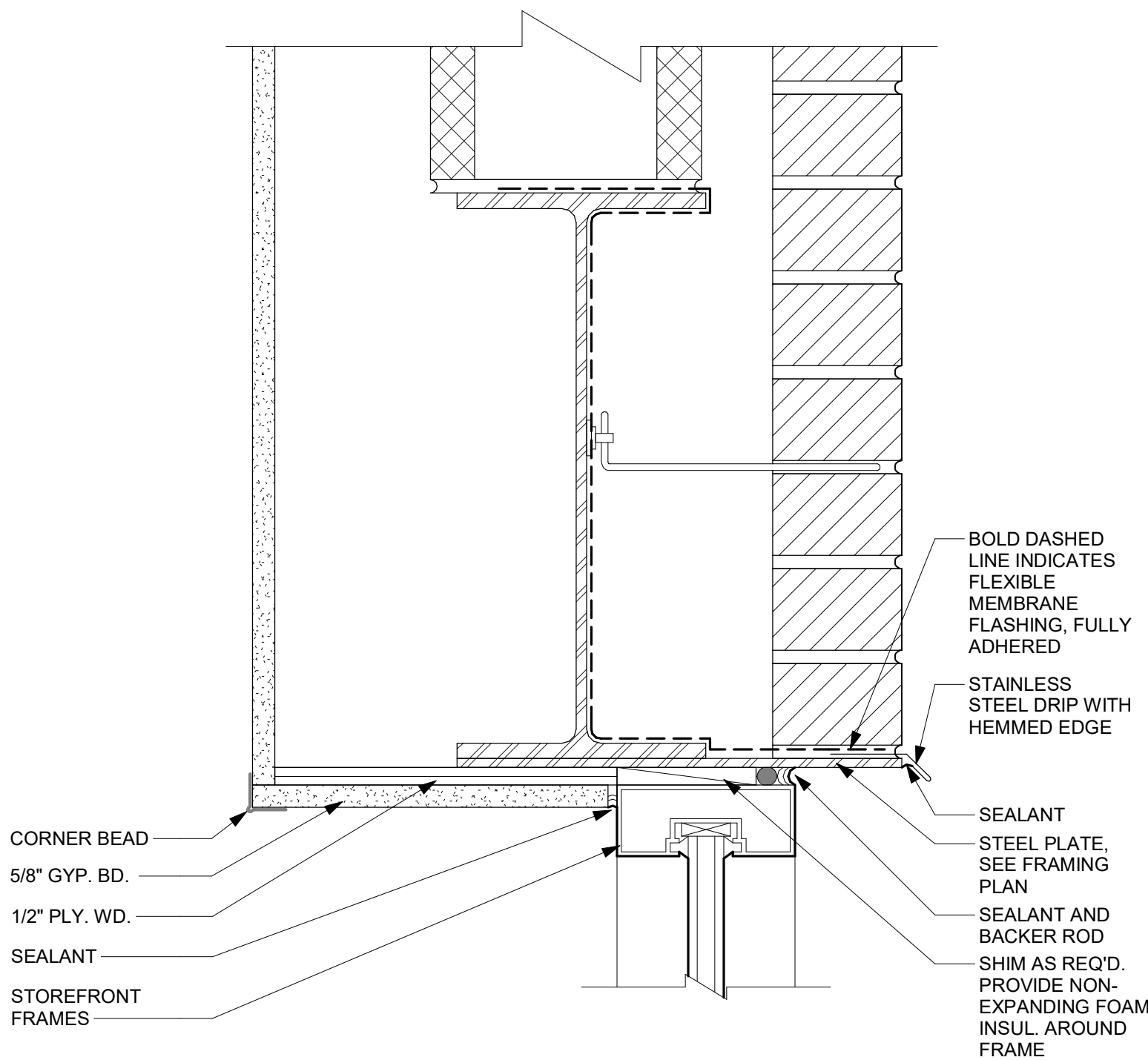


TYPICAL DOOR HARDWARE MOUNTING HEIGHTS

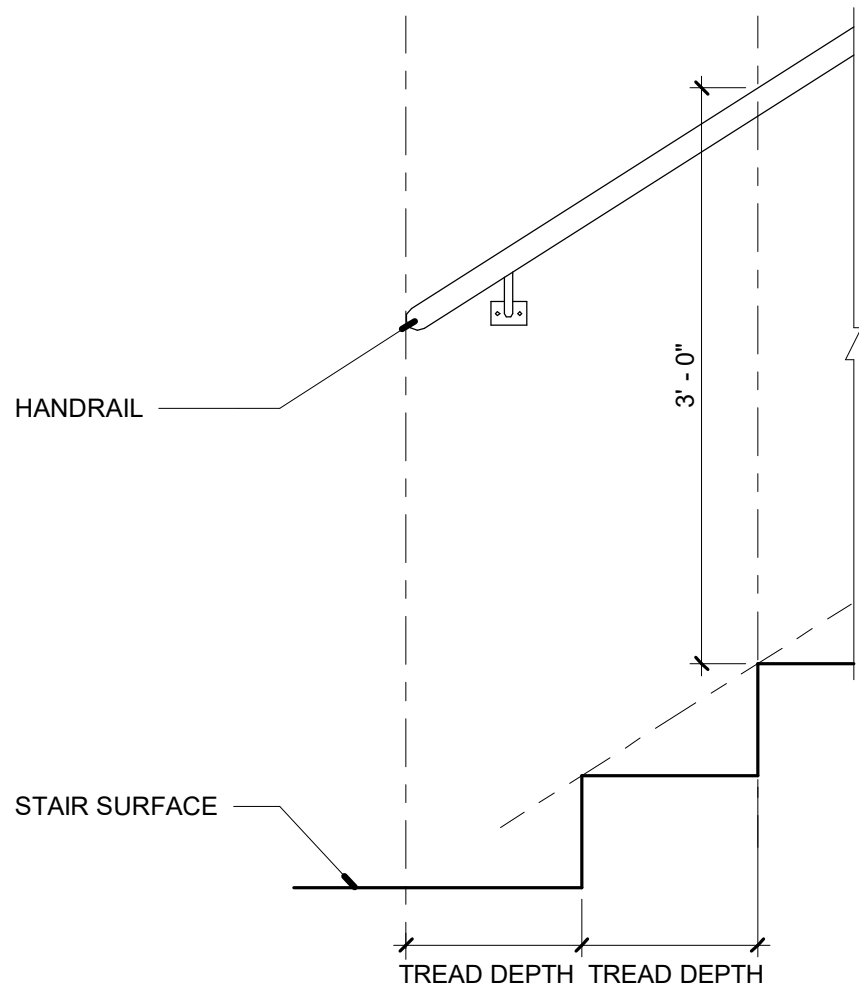
SCALE: 1/4" = 1'-0"



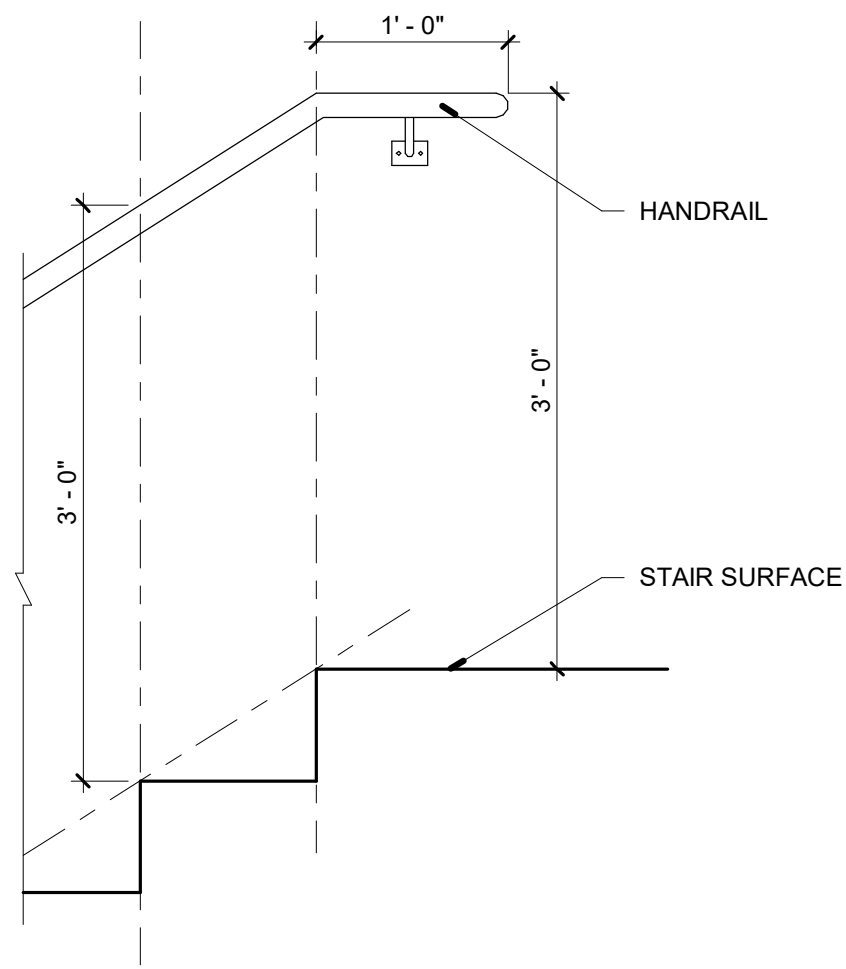
TYPICAL MOUNTING HEIGHTS



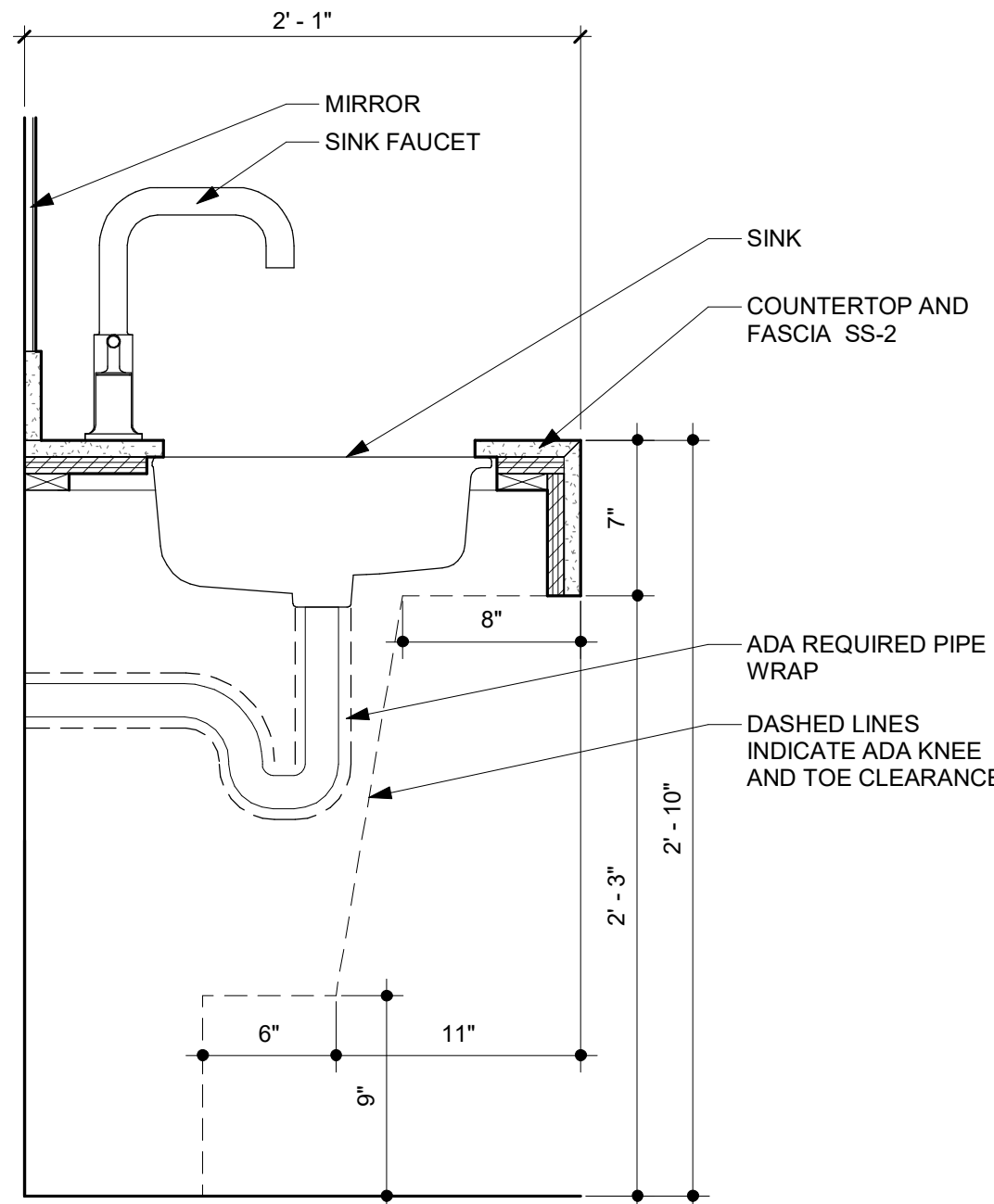
8 STEEL LINTEL DETAIL AT BRICK VENEER
SCALE: 3\"/>



5 HANDRAIL ELEVATION DETAIL AT STAIR BASE
SCALE: 1\"/>



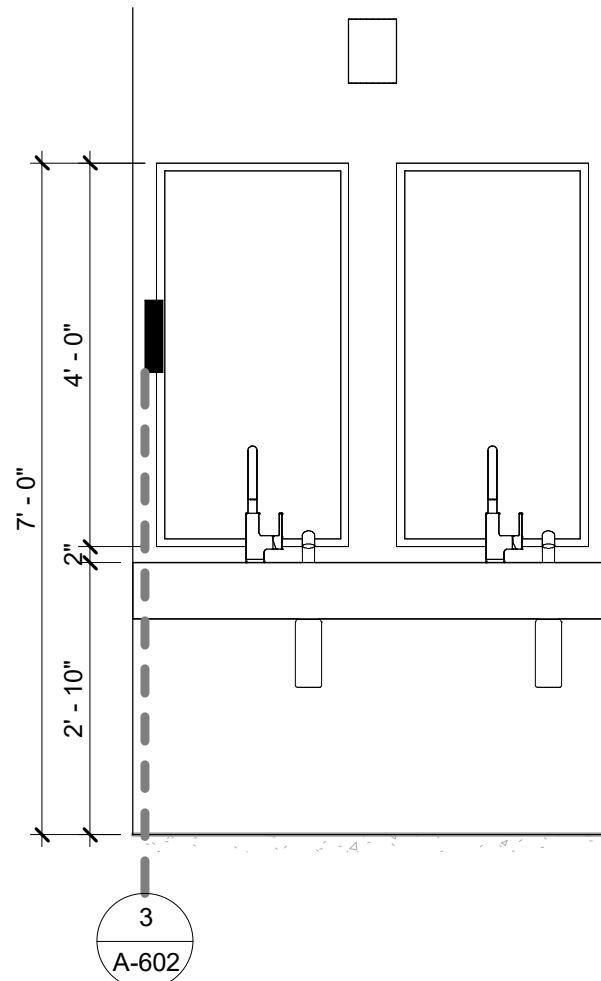
4 HANDRAIL ELEVATION DETAIL AT STAIR TOP
SCALE: 1\"/>



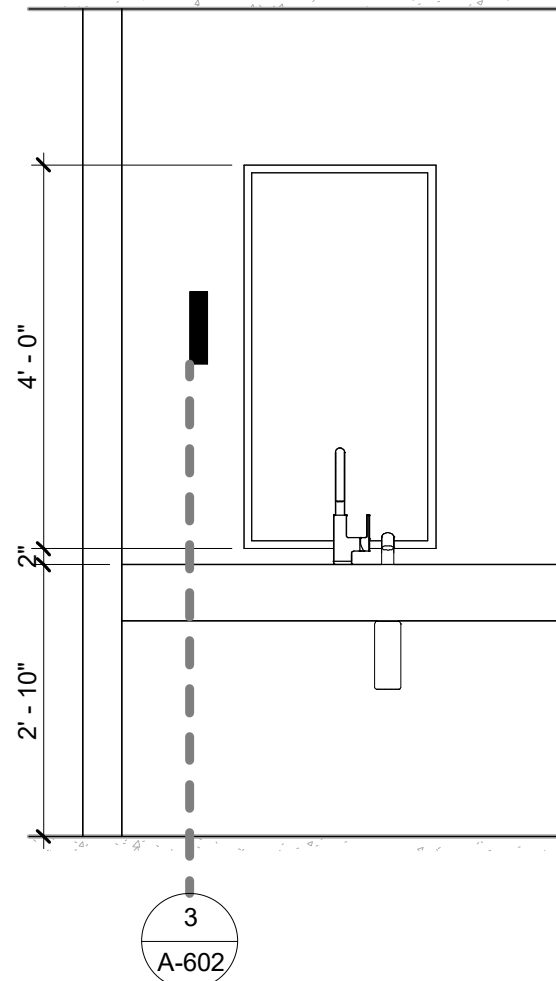
3 TYPICAL LAVATORY COUNTER DETAIL
SCALE: 1 1/2\"/>

TOILET ASSESSORIES SCHEDULE

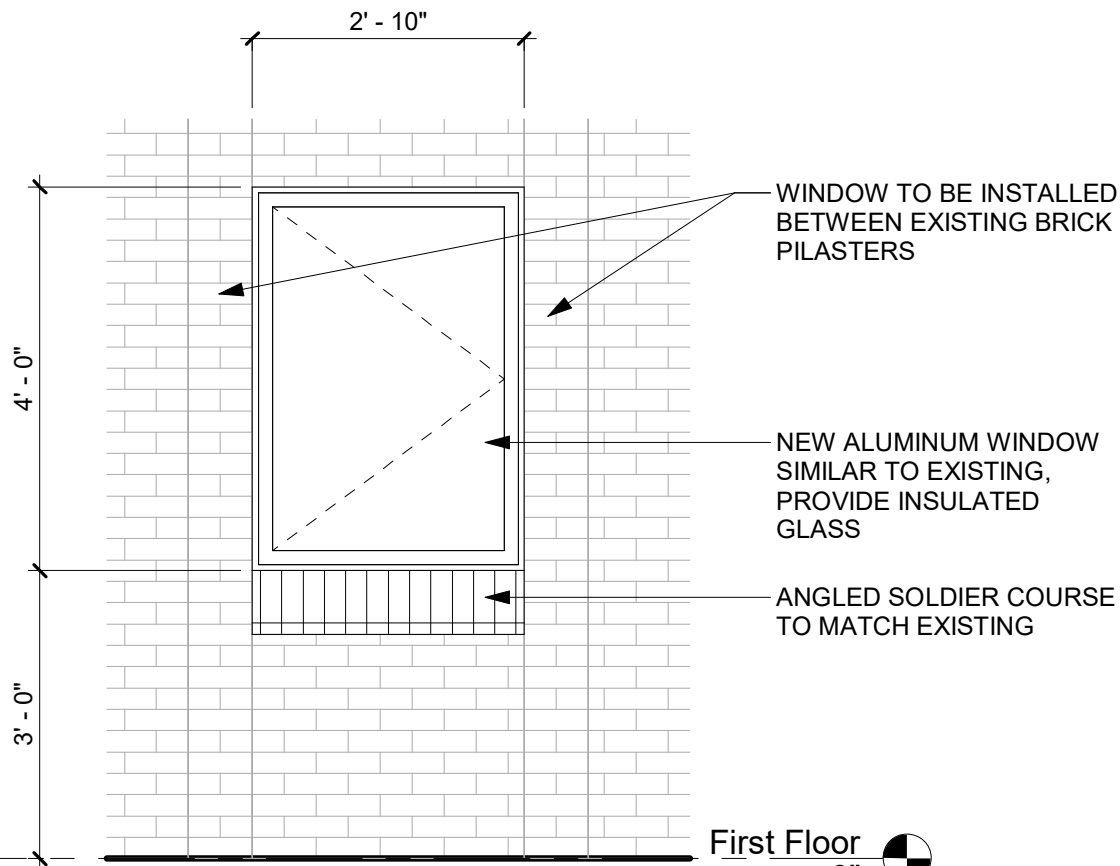
GRAB BARS:	1 SET @ EACH ACCESSIBLE TOILET ROOM, SATIN STAINLESS STEEL, 18\", 36\", 42\", BOBRICK B-9806
TOILET TISSUE DISPENSER:	1 @ EACH WATER CLOSET, SATIN STAINLESS STEEL, DUAL, BOBRICK B-9547
SANITARY NAPKIN DISPOSAL:	1 @ EACH WATER CLOSET FOR WOMEN, SATIN STAINLESS STEEL, BOBRICK B-270
PAPER TOWEL DISPENSER & WASTE RECEPTACLE:	1 @ EACH TOILET ROOM, SATIN STAINLESS STEEL, RECESSED, BOBRICK B-3974
ILLUMINATED MIRROR:	1 @ EACH LAVATORY, 24\"X48\", BOBRICK B-167



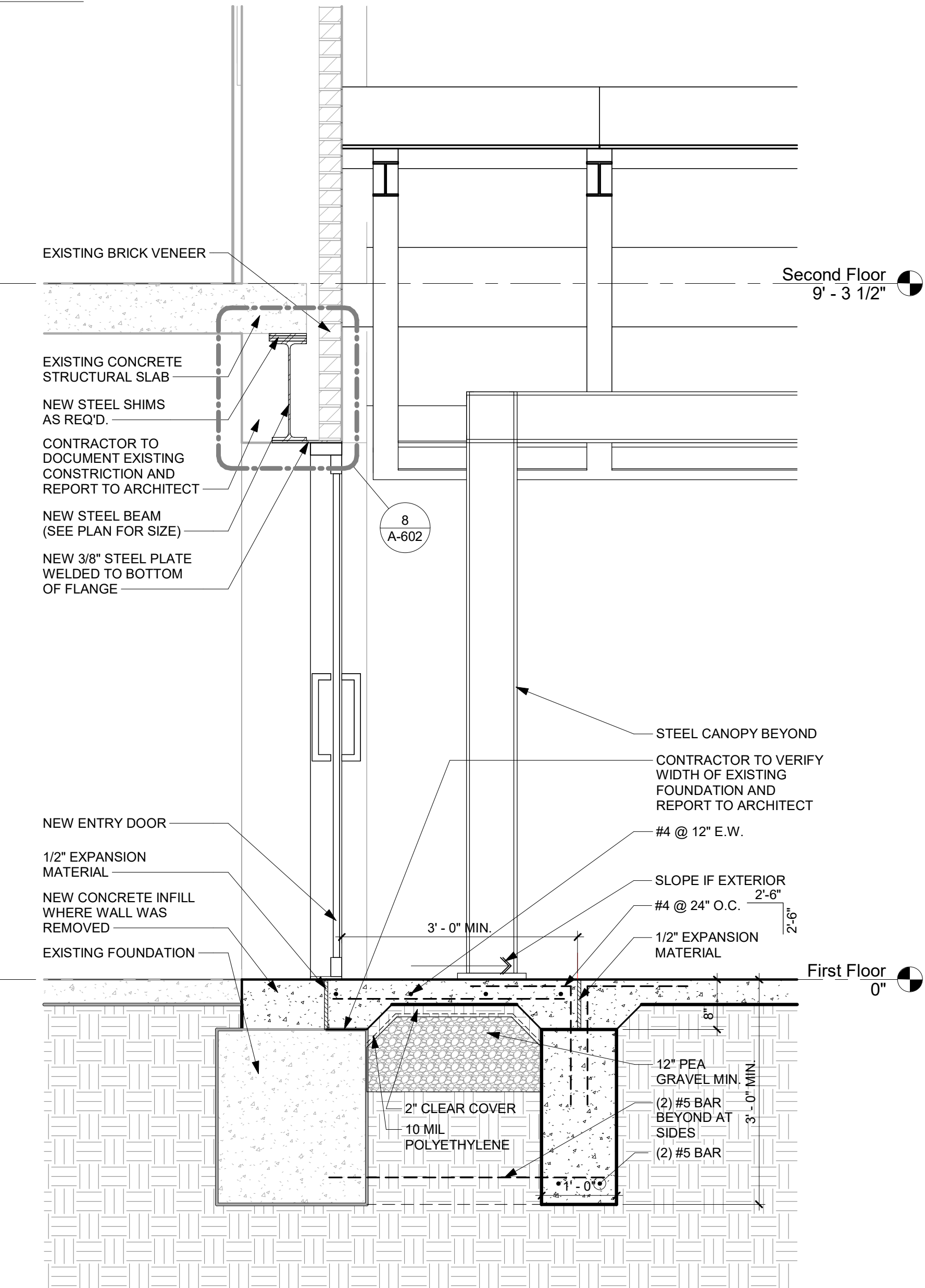
2 TOILET ROOM
SCALE: 1/2\"/>



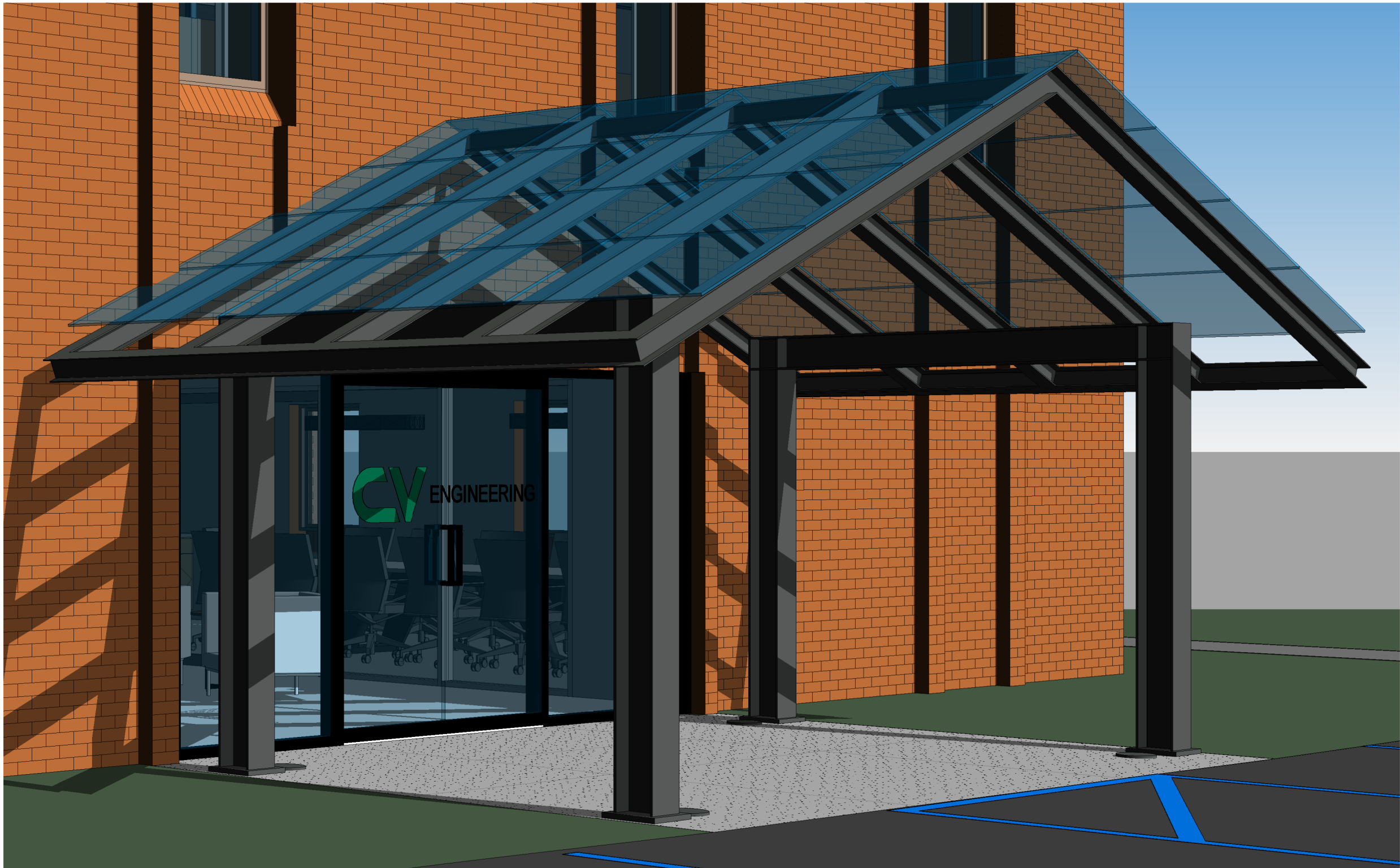
1 UNISEX TOILET ROOM
SCALE: 1/2\"/>



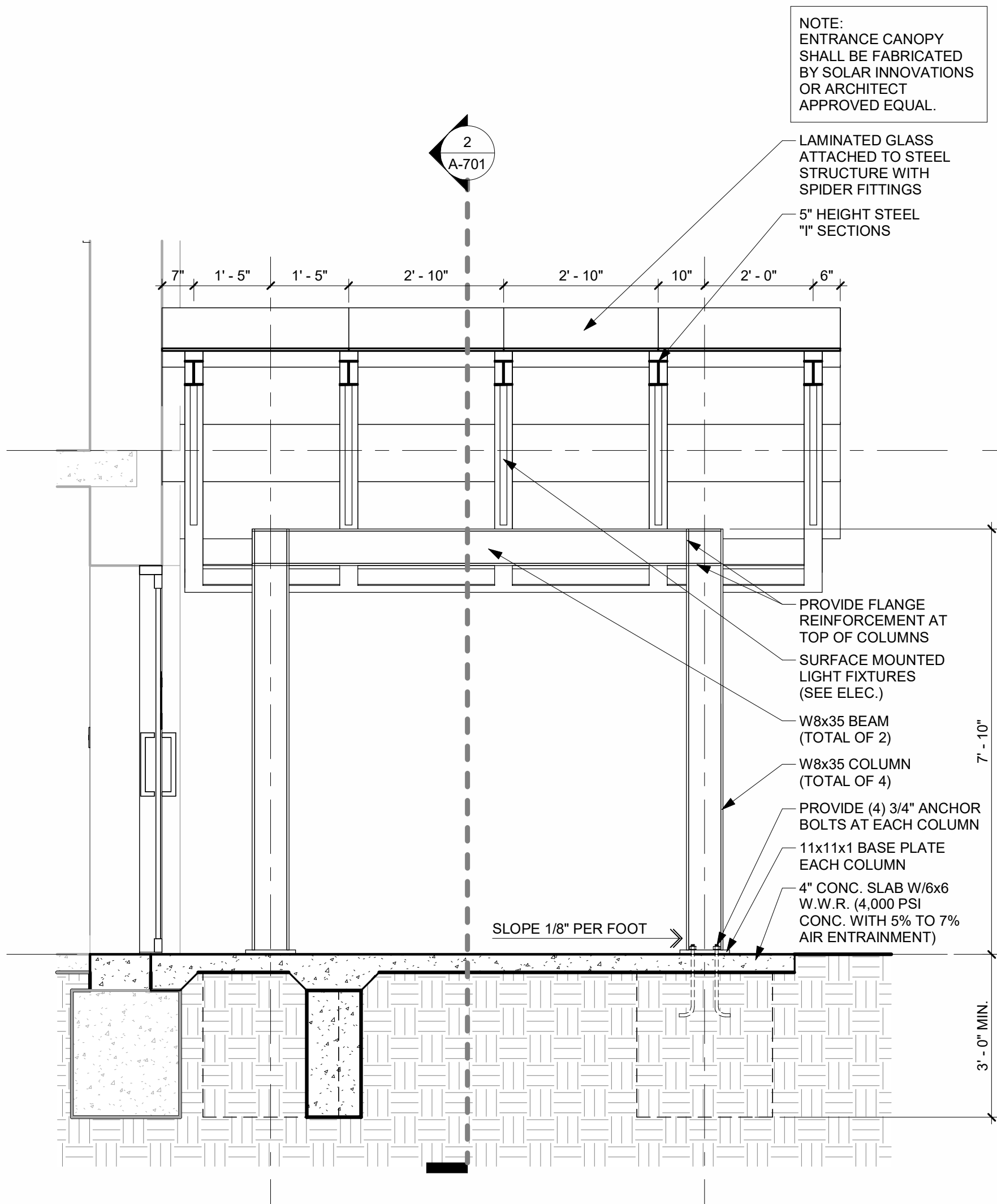
7 TYPICAL WINDOW ELEVATION
SCALE: 1/2\"/>



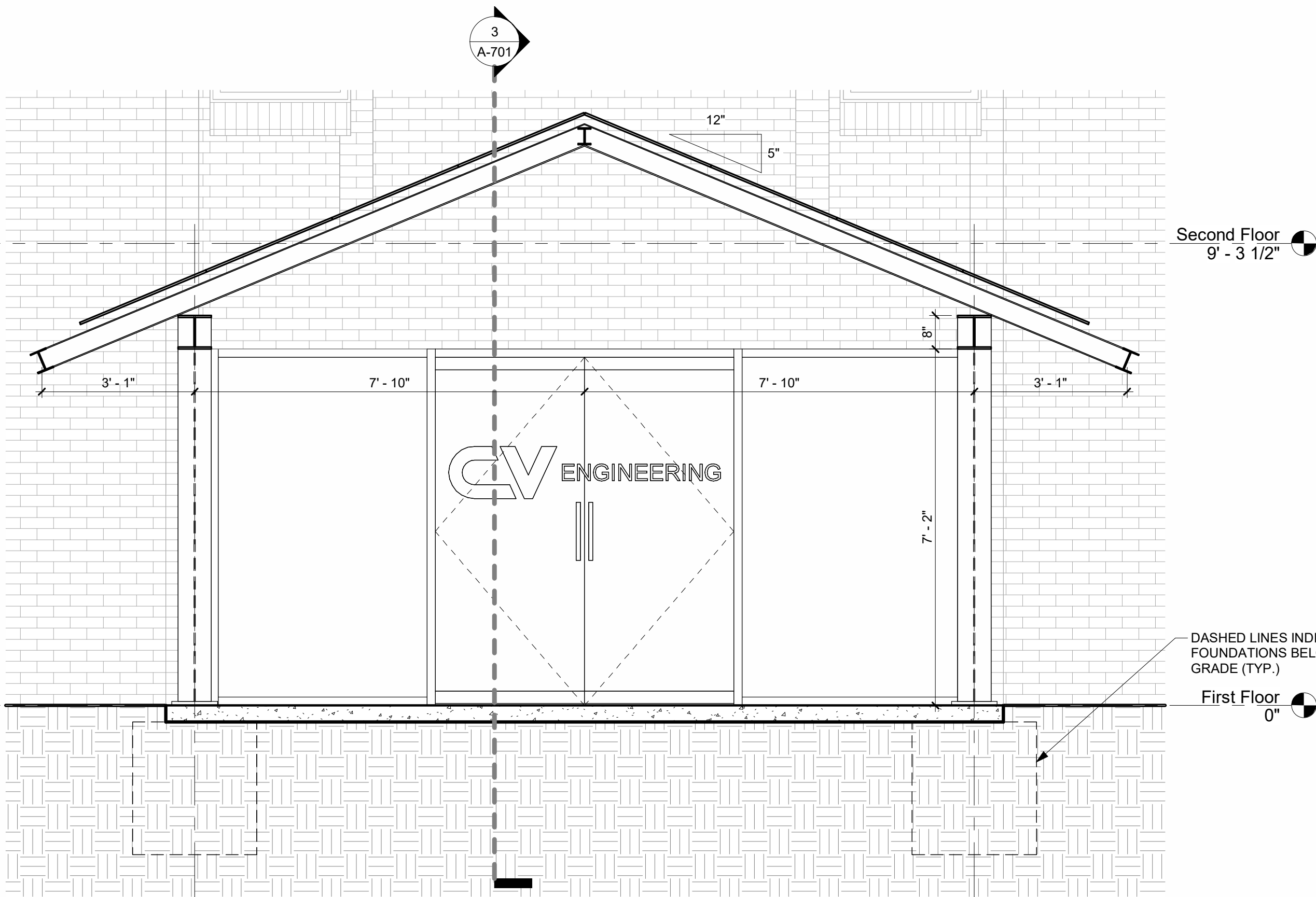
6 SECTION AT MAIN ENTRANCE
SCALE: 3/4\"/>



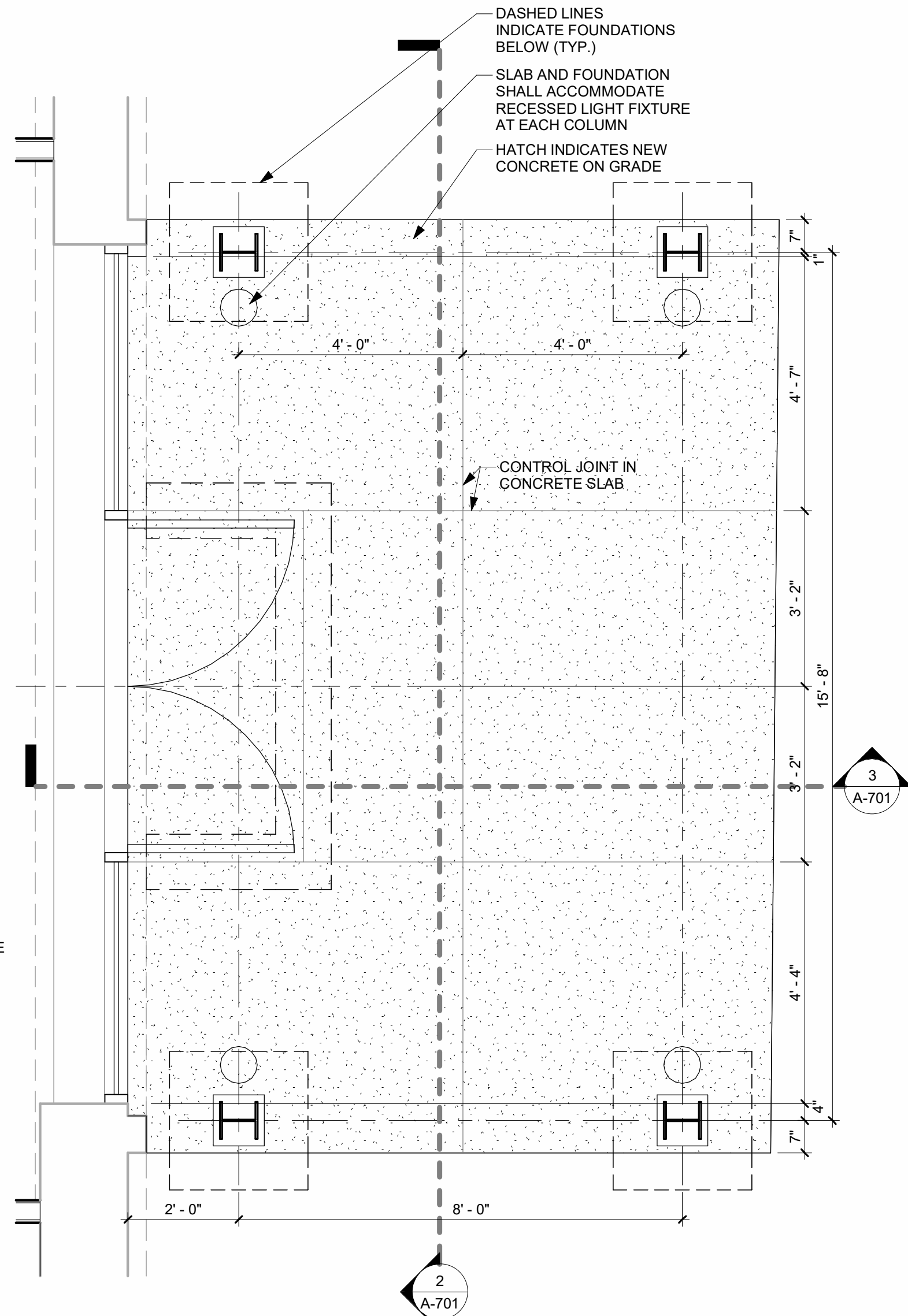
SOUTHWEST PERSPECTIVE



3 ENTRANCE CANOPY SECTION A
SCALE: 1/2" = 1'-0"



2 ENTRANCE CANOPY SECTION B
SCALE: 1/2" = 1'-0"



1 ENTRANCE CANOPY PLAN
SCALE: 1/2" = 1'-0"

PLUMBING SPECIFICATIONS

1. THE WORK SHALL BE EXECUTED IN STRICT CONFORMITY WITH BASE BUILDING SPECIFICATION AND WITH THE LATEST EDITION OF THE PREVAILING LOCAL PLUMBING AND BUILDING CODES AND ALL LOCAL REGULATIONS THAT MAY APPLY. IN CASE OF CONFLICT BETWEEN THE CONTRACT DOCUMENTS AND A GOVERNING CODE OR ORDINANCE THE MORE STRINGENT STANDARD SHALL APPLY.
2. ALL PLUMBING WORK SHALL BE COORDINATED WITH ALL OTHER TRADES BEFORE PROCEEDING WITH INSTALLATION.
3. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND FOR PAYING RELATED FEES.
4. ROUGH-IN DIMENSIONS OF TOILET FIXTURES MUST BE COORDINATED WITH GENERAL CONTRACTOR AND FIELD SUPERVISOR.
5. INSTALL BALL VALVES ON ALL BRANCH SUPPLY LINES.
6. PROVIDE ACCESS PANELS ON ALL INACCESSIBLE VALVES AND CLEANOUTS. ACCESS PANELS SHALL BE PROVIDED BY GENERAL CONTRACTOR. PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR THEIR LOCATION, MOUNT SHUT-OFF VALVES NO HIGHER THAN 12'-8" AFF.
7. ALL WORK SHALL BE PROPERLY TESTED, BALANCED AND CLEANED. PROVIDE A ONE YEAR WARRANTY FROM DATE OF FINAL INSPECTION ON ALL PARTS AND LABOR.
8. FOLLOW PDI STANDARDS FOR WATER HAMMER ARRESTORS.
9. ALL FIXTURES TO BE SUPPLIED & INSTALLED BY PLUMBING CONTRACTOR.
10. PROVIDE BUILDING SERVICE LINE 5'-0" FROM BUILDING LINE, OR INSIDE BUILDING FROM OUTLET SIDE OF METER AS SHOWN ON CIVIL SITE PLAN. COORDINATE EXACT LOCATION WITH CIVIL DRAWINGS AND AT JOB SITE. PROVIDE BACKFLOW PREVENTER AS REQUIRED BY LOCAL AUTHORITIES.
11. SANITARY SEWER PIPING SHOWN IS BASED ON 0.125"/FT FOR 3'-6" & 0.25"/FT FOR 2'-1/2" OR LESS FOR ALL PIPING. COORDINATE BUILDING SEWER LOCATION AND INVERT ELEVATION WITH CIVIL DRAWINGS.
12. TRAP SEAL PRIMERS ARE TO BE PROVIDED ON FLOOR DRAINS/SINKS AS REQUIRED BY LOCAL BUILDING CODE OFFICIALS.
13. VTRS SHALL BE LOCATED A MINIMUM OF 5' FROM ANY PARAPET WALL AND 10' FROM ANY RTU AIR INTAKE.
14. FURNISH ALL MATERIAL, LABOR, EQUIPMENT, AND ACCESSORIES AS REQUIRED TO INSTALL COMPLETE PLUMBING AND HVAC PIPING SYSTEMS AS INDICATED ON MECHANICAL DRAWINGS AND IN THESE SPECIFICATIONS.
15. SANITARY SEWERS

a. UNDERGROUND PIPING SHALL BE SIZE 3" OR GREATER.

b. INSTALL SANITARY SEWERS, STACKS, VENTS, DRAINS, CLEANOUTS, ETC., AS INDICATED ON THE DRAWINGS.

c. SEWERS TO BE PITCHED A MINIMUM OF 1/8" PER FOOT.

d. CHANGES IN DIRECTION AND BRANCH CONNECTIONS SHALL BE MADE WITH APPROVED DRAINAGE FITTINGS COMPATIBLE WITH THE PIPING SYSTEM MATERIAL IN WHICH IT IS INSTALLED.

e. ALL FIXTURES AND SANITARY DRAINS SHALL BE VENTED AS INDICATED ON DRAWINGS AND IN ACCORDANCE WITH CODE.

f. VENTS ARE TO BE EXTENDED THROUGH ROOF AS INDICATED ON DRAINS AND FLASHED WITH 4 LB. LEAD WITH VENT FLASHING TOP TURNED DOWN TWO (2) INCHES MINIMUM INSIDE PIPE.
18. BELOW GRADE SANITARY INSIDE BUILDING

a. SERVICE WEIGHT - CAST IRON PIPE ASTM A74-82 WITH ASTM C564-70 NEOPRENE COMPRESSION JOINTS OR NO-HUB WITH CLAMPS.

b. PVC-DWV PLASTIC ASTM D1785 WITH ASTM D2665 DWV SOLVENT WELD SOCKET FITTINGS.
19. ABOVE GRADE SANITARY SEWER AND VENT

a. NO-HUB CAST IRON PIPE CISP1 1-301-78.

b. PVC-DWV PLASTIC ASTM D1785 WITH ASTM D2665 DWV SOLVENT WELD SOCKET FITTINGS (IN CONCEALED AREAS ONLY, PVC SHALL NOT BE INSTALLED IN CEILING PLENUMS).

c. SCHEDULE 40 GALVANIZED STEEL PIPE, ASTM A53-83 WITH CAST IRON SCREWED FITTINGS ANSI B16.22 1983.
20. DOMESTIC WATER PIPING

a. INSTALL DOMESTIC WATER PIPING AS INDICATED ON DRAWINGS. INCLUDE ALL FITTINGS, VALVES, HANGERS AND OTHER ACCESSORIES. EXTEND DOMESTIC WATER PIPING TO ALL FIXTURES AND EQUIPMENT REQUIRED FOR COMPLETE INSTALLATION.

b. INCLUDE UNIONS, OR OTHER DISCONNECT MEANS, STOPS OR VALVES FOR ISOLATION OF FIXTURES AND EQUIPMENT. VALVES TO BE FULLY COMPATIBLE WITH PIPING FOR SERVICE INTENDED AS MANUFACTURED BY NIBCO, CRANE OR MILWAUKEE. INCLUDE HOSES OR DRAIN VALVES AT LOW POINTS WHERE FIXTURES CANNOT BE USED FOR DRAINAGE.

c. PROVIDE WATER HAMMER ARRESTERS OF TYPE AS INDICATED ON THE DOMESTIC WATER RISER DIAGRAM. THESE SHALL BE ASSE 1010 OR PDI-WH201, PISTON TYPE WITH PRESSURIZED METAL-TUBE CUSHIONING CHAMBER AS MANUFACTURED BY SIOUX CHIEF, AMTROL, JOSAM OR ZURN.

d. HANGERS ON INSULATED PIPE TO BE OUTSIDE OF INSULATION, SIZED ACCORDINGLY AND WITH A SUFFICIENT SADDLE TO PROTECT INSULATION.
21. DOMESTIC WATER PIPING SHALL BE AS FOLLOWS:

a. ABOVE GRADE - TYPE "L" HARD COPPER ASTM B88-832 WITH WROUGHT COPPER FITTINGS ASTM B16.22 1980 AND NON-LEAD OR ANTIMONY SOLDER JOINTS.

b. BELOW GRADE - TYPE "K" SOFT COPPER WITHOUT SPLICES OR FITTINGS.

c. FLUSH, VENT AND SANITIZE ALL WATER PIPING WITH CHLORINE AS REQUIRED PER AWWA, LOCAL BUILDING DEPARTMENT AND HEALTH DEPARTMENT CODES.

d. DOMESTIC HOT AND COLD WATER PIPING UNDER CONCRETE FLOOR TO BE COVERED WITH SAND SO THAT PIPING WILL NOT BECOME EMBEDDED IN THE FLOOR SLAB.

e. ALL PIPING UNDER CONCRETE FLOOR SHALL BE TYPE "K" SOFT COPPER, CONTINUOUS. NO SPLICES OR FITTINGS WILL BE ALLOWED.

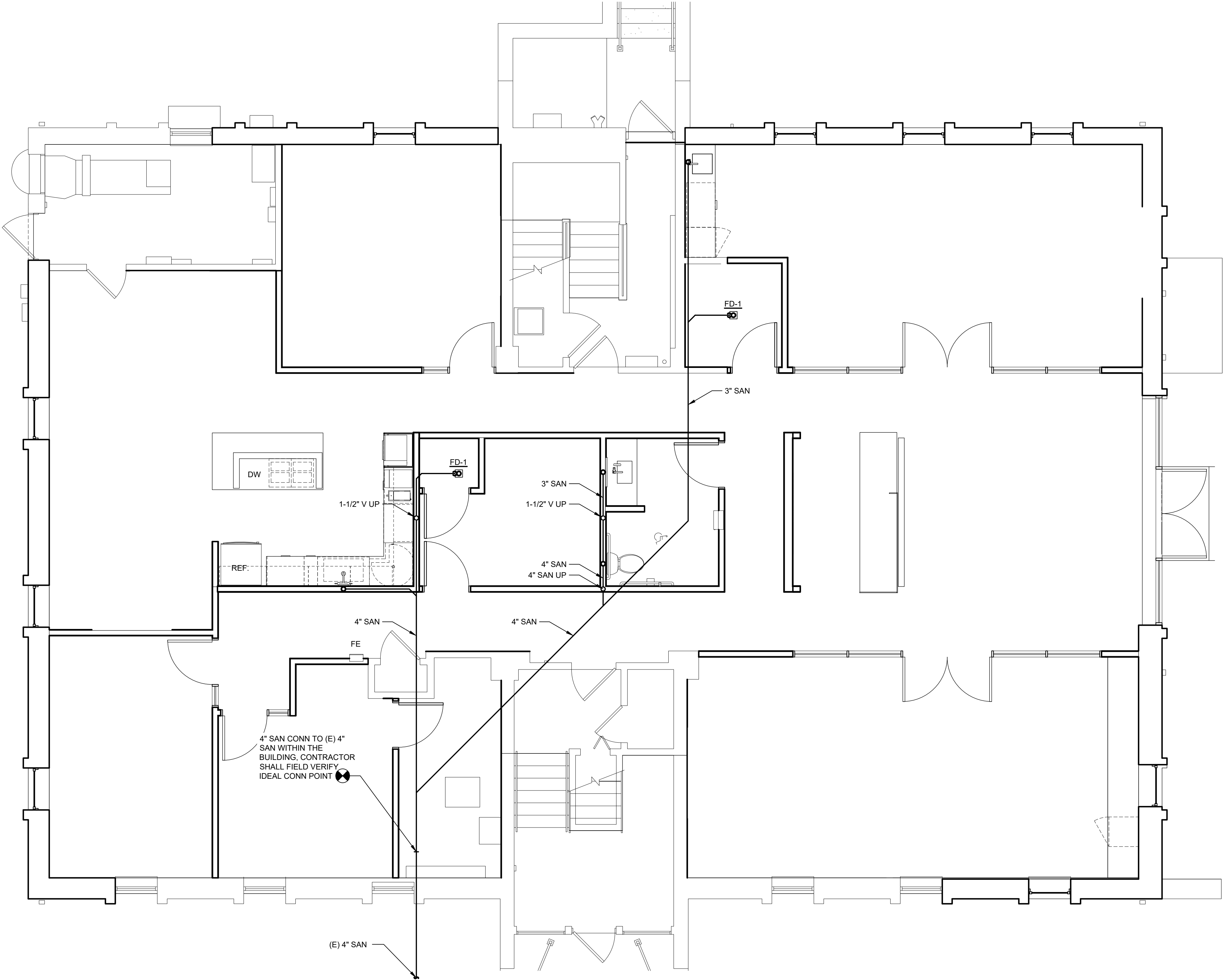
f. EXTREME CAUTION MUST BE TAKEN SO THAT NO COPPER PIPING AND INSULATION UNDER CONCRETE FLOORS BECOMES CRUSHED, CUT, SPLIT OR DEFORMED DURING THE POURING OF THE FLOOR SLAB.

GENERAL PLUMBING NOTES

1. GENERAL PLUMBING NOTES APPLY TO ALL PLUMBING DRAWINGS.
2. THESE DRAWINGS ARE DIAGRAMMATIC & INDICATE THE GENERAL EXTENT OF THE WORK. PROVIDE PLUMBING SYSTEMS COMPLETE AND PER APPLICABLE CODES INCLUDING REQUIRED COMPONENTS, OFFSETS REQUIRED TO AVOID THE STRUCTURE, ETC.
3. REFER TO ARCHITECTURAL PLANS FOR SPECIFICATIONS OF AND EXACT LOCATIONS OF FIXTURES (STANDARD AND BARRIER FREE), SINKS, ETC.
4. CONTRACTOR SHALL COORDINATE THE INSTALLATION OF PLUMBING AND PIPING WITH THE WORK OF ALL OTHER TRADES.
5. PIPING SHALL NOT BE LOCATED OVER ELECTRICAL EQUIPMENT/PANELS. PROVIDE REQUIRED CLEARANCE IN FRONT OF ELECTRICAL EQUIPMENT. PIPING SHALL NOT INTERFERE WITH ELECTRICAL EQUIPMENT CLEARANCE.
6. PIPING SHALL NOT BE INSTALLED IN A LOCATION THAT RESTRICTS THE ACCESS TO MECHANICAL DEVICES REQUIRING ACCESS.
7. CONTRACTOR SHALL PROVIDE SUPPLEMENTARY STEEL AS REQUIRED FOR THE PROPER SUPPORT OF ALL MECHANICAL SYSTEMS.
8. HOT AND COLD WATER PIPING RUN-OUTS TO LAVATORIES AND SINKS SHALL BE 1/2" UNLESS NOTED OTHERWISE. REFER TO SPECIFICATIONS FOR FIXTURE CONNECTION SIZES.
9. PLUMBING VENT PIPING THRU THE ROOF SHALL BE LOCATED 10' FROM ANY FRESH AIR INTAKE LOCATION AND A MINIMUM OF 18" CLEAR FROM THE INSIDE FACE OF PARAPET.
10. PROVIDE CODE REQUIRED CLEARANCE FOR ALL CLEAN OUTS INSTALLED IN SANITARY WASTE AND VENT PIPING.
11. MINIMUM UNDERGROUND PIPE SIZE SHALL BE 3".
12. SHUT-OFF VALVES SHALL BE LOCATED IN AN ACCESSIBLE AREA FOR EACH HW & CW BRANCH TO AN INDIVIDUAL FIXTURE.
13. ENGINEER OF RECORD SHALL RECEIVE SUBMITTALS FOR ALL PLUMBING FIXTURES. FIXTURES SHALL NOT BE INSTALLED WITHOUT APPROVAL.

LEGEND

	SANITARY SEWER
	DOMESTIC COLD WATER
	DOMESTIC HOT WATER
	COMPRESSED AIR
	PLUMBING VENT
	NATURAL GAS
	UNION
	PLUG COCK
	ELBOW - TURNED DOWN
	ELBOW - TURNED UP
	TEE - TURNED DOWN
	TEE - TURNED UP
	GATE VALVE
	BALL VALVE
	CHECK VALVE
	SHUT-OFF VALVE IN VERTICAL LINE
	FLOOR CLEANOUT
	NEW TO EXISTING CONNECTION
	WALL HYDRANT
	WALL CLEANOUT
FD FLOOR DRAIN DN DOWN VTR VENT THRU ROOF UG UNDER GROUND SAN SANITARY SEWER V PLUMBING VENT (F) FUTURE	HW HOT WATER CW COLD WATER CONT. CONTINUATION I.E. INVERT ELEVATION CD CONDENSATE DRAIN



1

FIRST FLOOR SANITARY PLAN

SCALE: 1/4" = 1'-0"

DANIEL
BOGGS
ARCHITECT

ARCHITECTURE
&
PLANNING

26143 EAST RIVER ROAD
GROSSE ILE, MI 48138
248.882.3642

PROJECT:

CV Engineering

3400 McKnight East Drive
Pittsburgh, PA 15237

CONSULTANTS:



RAM MECHANICAL CONSULTING
8521 CHURCH ROAD
GROSSE ILE, MI 48138
(586) 668-1062

PROFESSIONAL SEAL:

ISSUED:

08-03-26 Construction Set

PROJECT NO:

2025.28

DRAWN BY:

RON MACIEJEWSKI

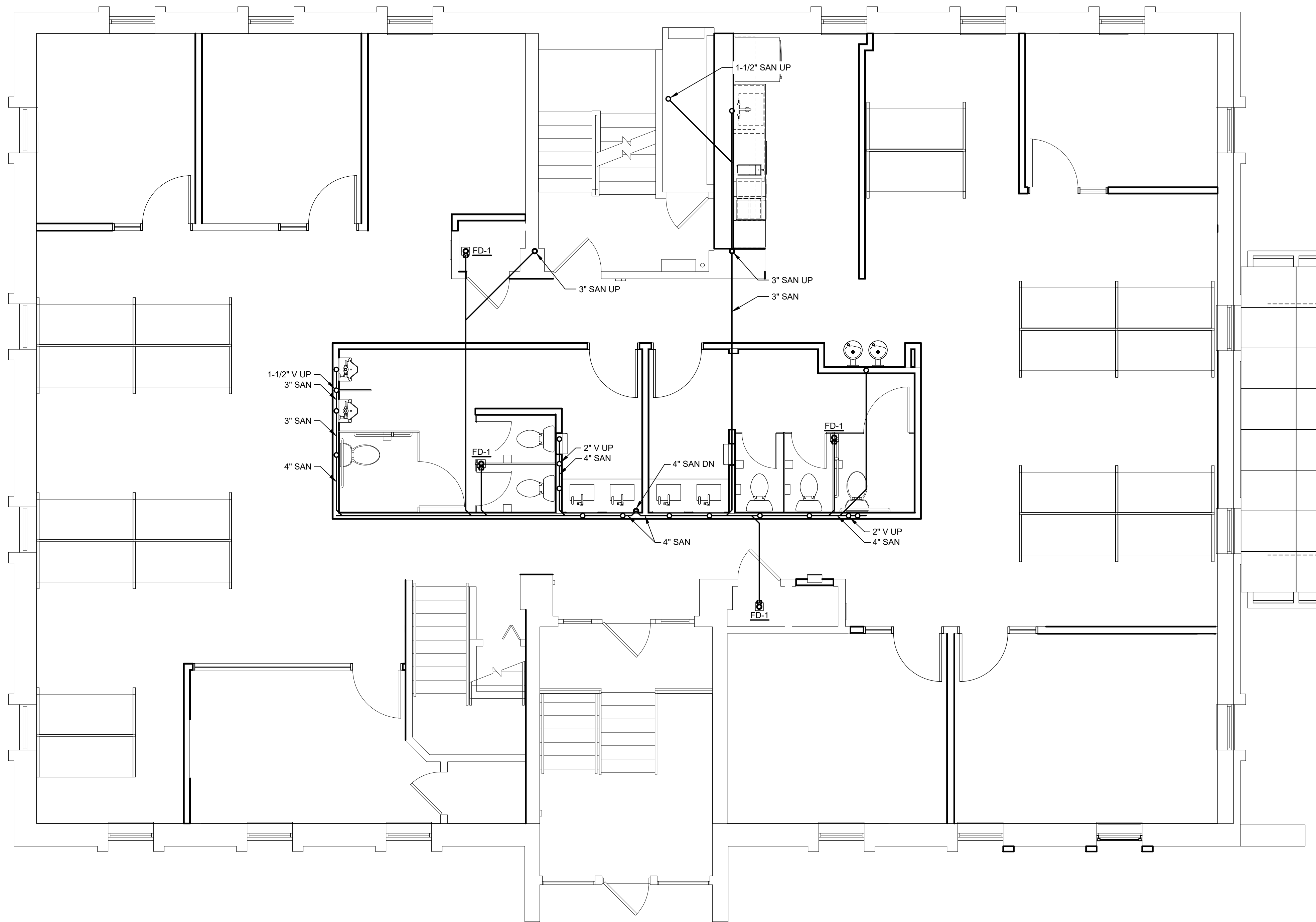
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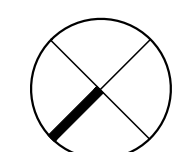
FIRST FLOOR
SANITARY
PLAN

SHEET NO:

P-101



1 SECOND FLOOR SANITARY PLAN
SCALE: 1/4" = 1'-0"



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PROFESSIONAL SEAL:

ISSUED:
08-03-26 Construction Set

PROJECT NO:
2025.28

DRAWN BY:
RON MACIEJEWSKI

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SHEET TITLE:
SECOND FLOOR
SANITARY PLAN

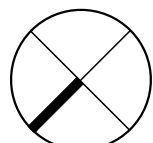
SHEET NO:
P-102



1

THIRD FLOOR SANITARY PLAN

SCALE: 1/4" = 1'-0"



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GROSSE ILE, MI 48138
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PROJECT:
CV Engineering
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PROFESSIONAL SEAL:

ISSUED:
08-03-26 Construction Set

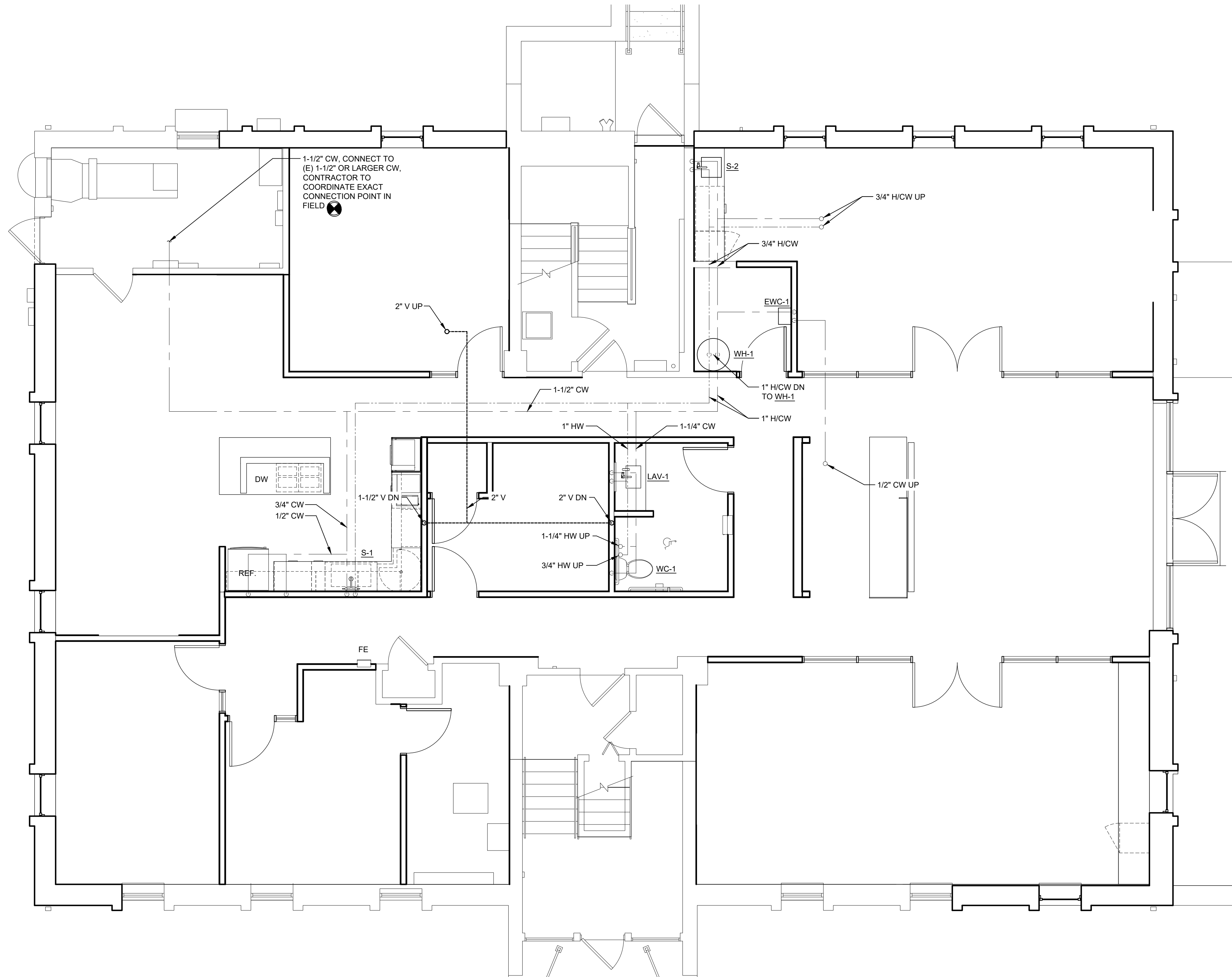
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2025.28

DRAWN BY:
RON MACIEJEWSKI

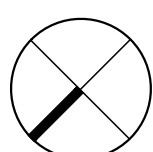
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SHEET TITLE:
THIRD FLOOR
SANITARY PLAN

SHEET NO:
P-103



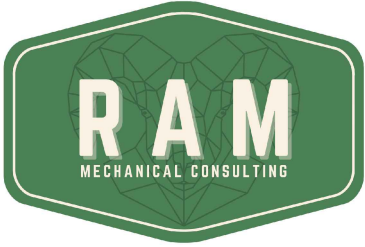
1 FIRST FLOOR PLUMBING PLAN
SCALE: 1/4" = 1'-0"



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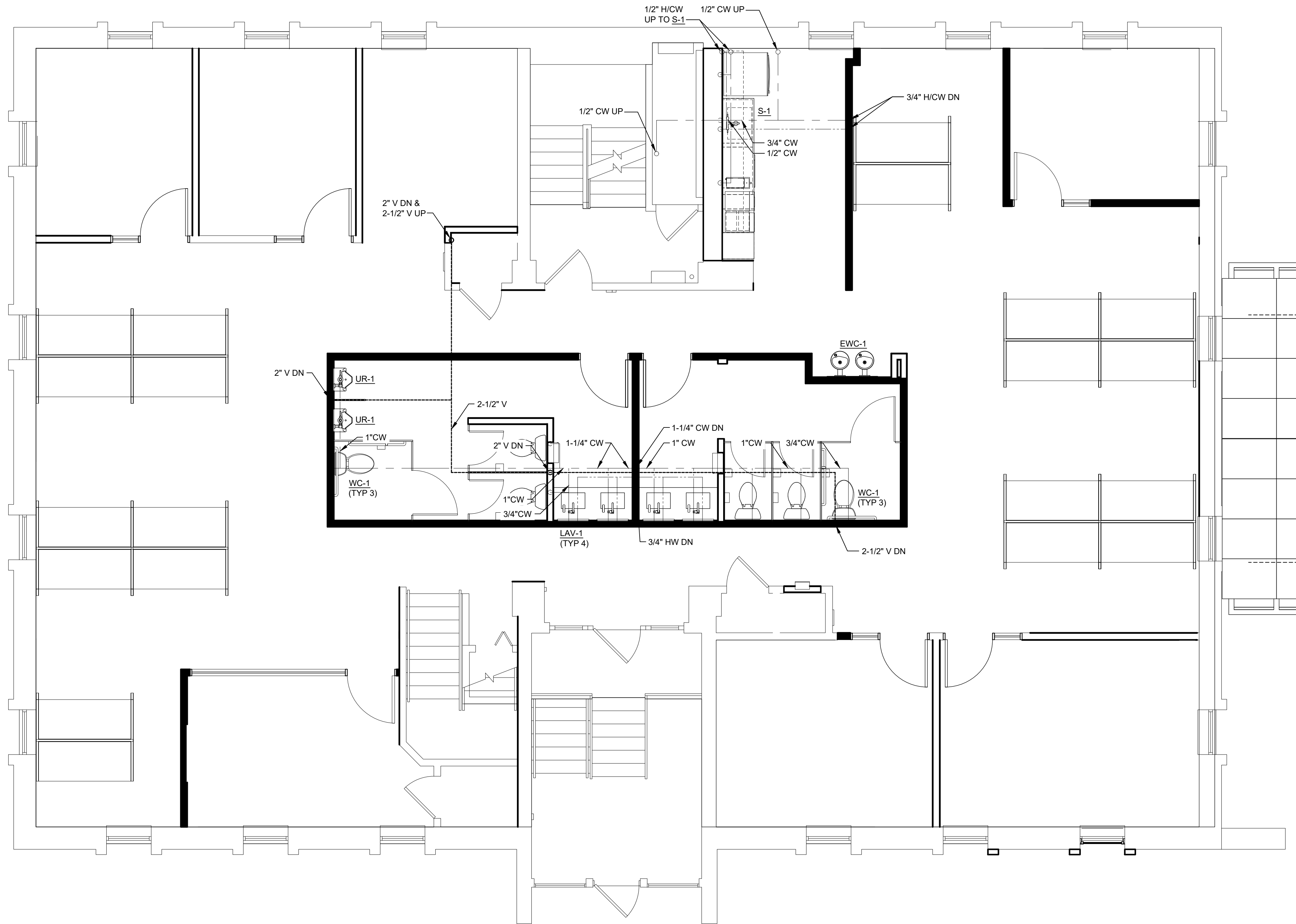
ISSUED:
08-03-26 Construction Set

PROJECT NO:
2025.28
DRAWN BY:
RON MACIEJEWSKI

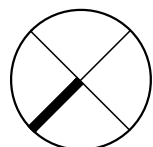
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Pittsburgh, PA 15237
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Architect.

SHEET TITLE:
SECOND FLOOR
PLUMBING PLAN

SHEET NO:
P-202

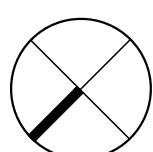


1 SECOND FLOOR PLUMBING PLAN
SCALE: 1/4" = 1'-0"





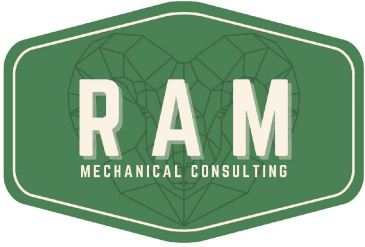
1 THIRD FLOOR PLUMBING PLAN
SCALE: 1/4" = 1'-0"



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PROJECT:
CV Engineering
3400 McKnight East Drive
Pittsburgh, PA 15237

CONSULTANTS:

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PROFESSIONAL SEAL:

ISSUED:
08-03-26 Construction Set

PROJECT NO:
2025.28

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SHEET TITLE:
THIRD FLOOR
PLUMBING PLAN

SHEET NO:
P-203



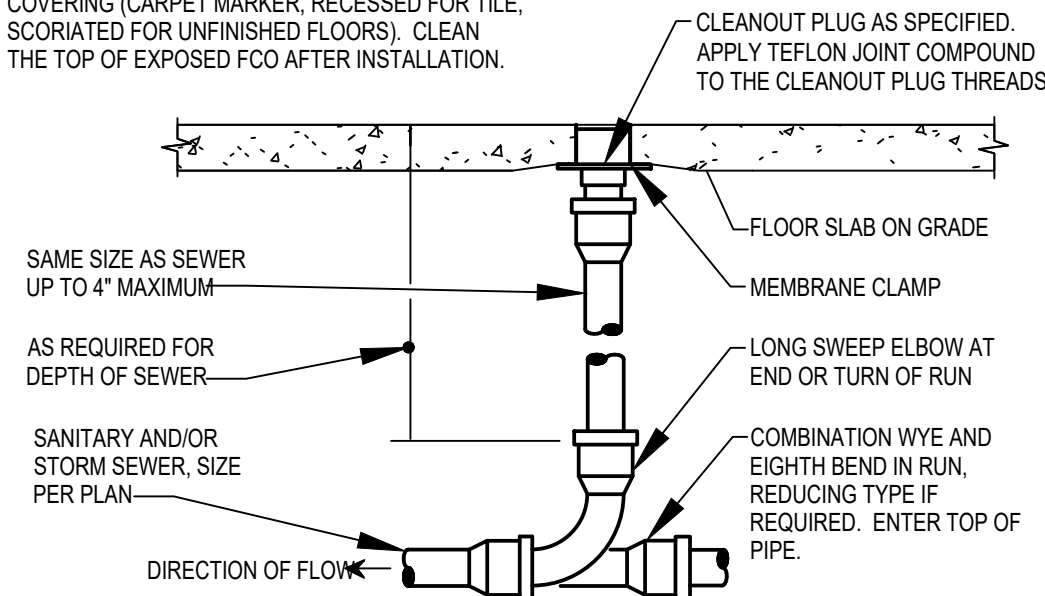
GAS WATER HEATER SCHEDULE									
UNIT I.D.	LOCATION	STORAGE CAPACITY (GAL)	FUEL TYPE	INPUT RATE (MBH)	RECOVERY @90°F RISE	INLET TEMP °F	OUTLET TEMP °F	MODEL NO.	REMARKS
WH-1	BASEMENT	100	NG	199.9	284	50	140	8TH-199	

NOTES: 1. MODEL NUMBERS ARE AO SMITH WHITE UNLESS OTHERWISE NOTED.

WATER HEATER SCHEDULE		
TAG	MANUFACTURER	DESCRIPTION
WH-1	A. O. SMITH	WATER HEATER: MODEL #ENJ-40, 26"Øx33.5"H, 38 GALLON GLASS LINED TANK, ONE-4500 WATT, 120 VOLT, SINGLE PHASE ELEMENT. INSTALL 16 GAGE GALV. SHEET METAL PAN BELOW.

PLUMBING FIXTURE SCHEDULE	
MARK	DESCRIPTION
WC-1	FLOOR MOUNTED ADA VITREOUS CHINA ELONGATED 1.6 FLUSH GALLON CLOSE COUPLED TWO PIECE SIPHON JET WATER CLOSET, FLUSH TANK WITH 12" ROUGH-IN. KOHLER #K3493-0. PROVIDE SUPPLY & STOP. PROVIDE OPEN FRONT SEAT. KOHLER #K-4731SC-0.
UR-1	URINAL, KOHLER #K-5016-ET-0, VITREOUS CHINA, WITH 1 GPF TOUCHLESS FLUSH VALVE: SLOAN ROYAL #186 SFSM.
L-1	LAVATORY, KOHLER LADENA: #K-2214: VITREOUS CHINA UNDER COUNTER MOUNT LAVATORY, OVERFLOW DRAIN; FAUCET: KOHLER # K-103S36-SANA: GRID DRAIN IN MATTE BLACK. 1-1/4" TAILPIECE. PROVIDE 3/8" WALL SUPPLIES WITH GRID STRAINER, P-TRAP, FURNISH AND INSTALL PROFLO #PFSOPT25BK TRAP WRAP AND SET OF SOFT SUPPLY COVERS.
S-1	STAINLESS STEEL UNDERMOUNT SINK, DAYTON: #DXUH2416 OR EQUAL, 16"x24", 8" DEEP. FAUCET: DELTA 9159-LS-DST SINGLE HANDLE, OVERALL HEIGHT 13". 3/4 HP FOOD WASTE INSINKERATOR. INSTALL FURNISH AND INSTALL "BROCAR" #C500R-B TRAP WRAP FOR PF6. BROCAR TEL: (800) 827-1207.
S-2	STAINLESS STEEL SINK, DAYTON: #D11515 OR EQUAL, 15"x15", 5-1/8" DEEP, 14-3/8"x14-3/8 CUTOUT WITH 1-1/2" RAD. CORNERS, 1-1/4" DIA. FAUCET HOLES. FAUCET: DELTA 2171LF-WBHDF GOOSE NECK BAR FAUCET WITH HANDLES AND AERATOR, OVERALL HEIGHT 4". FURNISH AND INSTALL STUDOR VENT AND "BROCAR" #C500R-B TRAP WRAP FOR PF6. BROCAR TEL: (800) 827-1207.
EW-C-1	ELECTRIC WATER COOLER ELKAY #EDFPBM117C OR EQUAL: WALL-HUNG, BI-LEVEL, ADA COMPLIANT WITH FRONT BUBBLER BUTTON. REMOTE CHILLER, ELKAY MODEL # ECH8 OR EQUAL. REFER TO ARCHITECTURAL DRAWINGS FOR MOUNTING HEIGHT.
FD-1	FLOOR DRAIN, ZURN #FD-2290 OR EQUAL, CAST IRON BODY, CLAMP COLLAR AND ADJUSTABLE 3" NICKEL BRONZE STRAINER ASSEMBLY.
TP-1	AUTOMATIC TRAP PRIMER. PRECISION PLUMBING PRODUCTS PR-500

PROVIDE CLEANOUT WITH ADJUSTABLE CLEANOUT TOP WITH VARIATIONS SUITABLE FOR FLOOR COVERING (CARPET MARKER, RECESSED FOR TILE, SCORRATED FOR UNFINISHED FLOORS). CLEAN THE TOP OF EXPOSED FCO AFTER INSTALLATION.



REFER TO SPECIFICATIONS AND SCHEDULE FOR MORE INFORMATION. LOCATE AT BUILDING EXIT, AT ENDS OF RUNS, AT TURNS OF PIPE GREATER THAN 45°, AT 50' INTERVALS ON STRAIGHT RUNS, AND/OR WHERE SHOWN ON PLANS AND RISERS. PROVIDE BACKFILL PER ARCHITECTURAL SPECIFICATIONS. LOCATE CLEANOUT WHERE THERE IS 18" CLEAR AROUND, FOR ACCESSIBILITY. CONSULT LOCAL CODES AND OFFICIALS FOR OTHER REQUIREMENTS.

FLOOR CLEAN OUT DETAIL

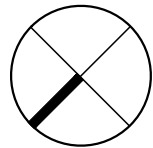
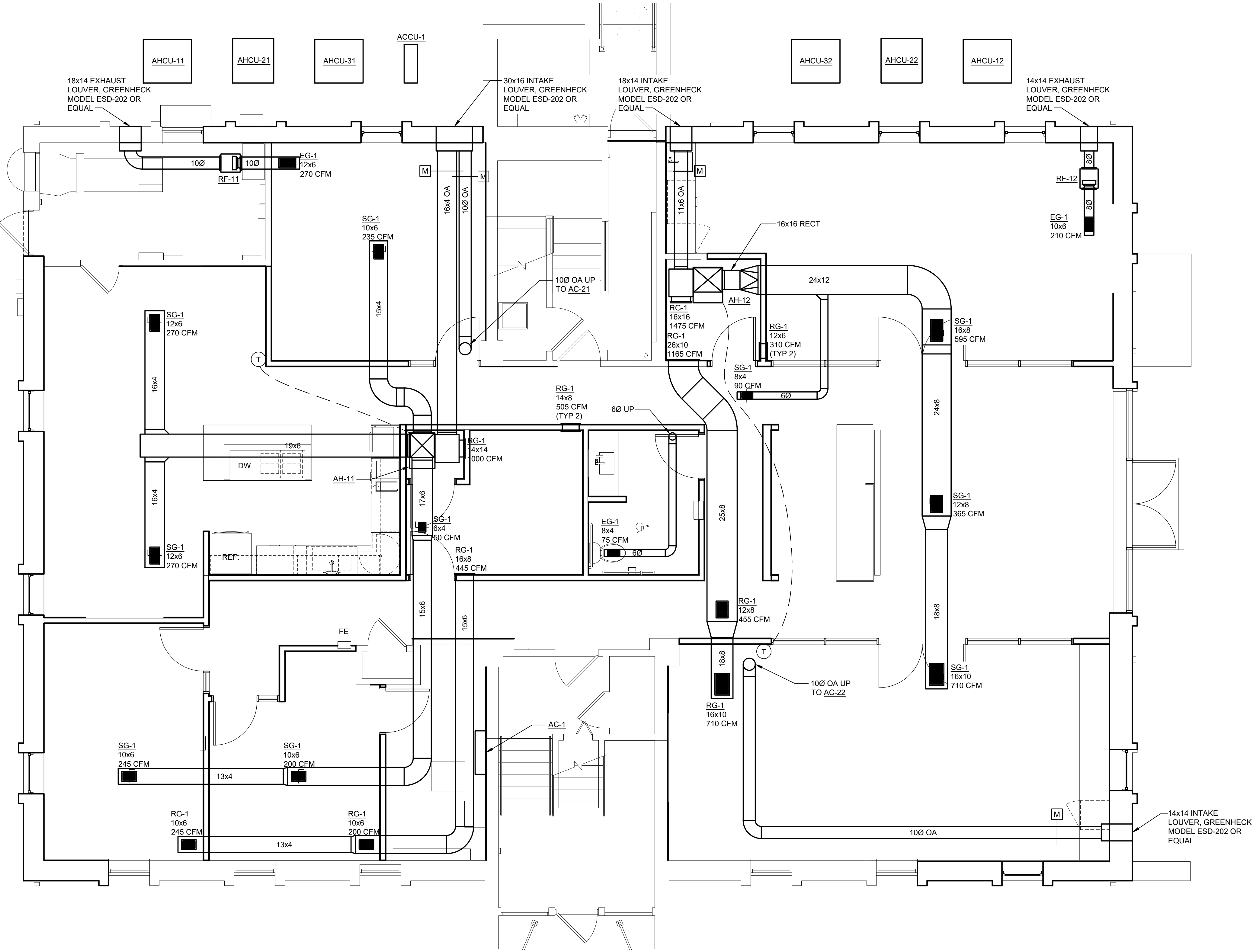
Scale: No Scale

HVAC SPECIFICATIONS

1. ALL MECHANICAL EQUIPMENT SHALL BE PROVIDED WITH PROPER CLEARANCE PER MANUFACTURER'S RECOMMENDATION.
2. FABRICATE AND ERECT ALL DUCTWORK TO SMACNA STANDARDS FOR GALVANIZED STEEL. COMPLY WITH NFPA 90A REQUIREMENTS.
3. DUCTWORK SHALL BE SMACNA LOW PRESSURE CONSTRUCTION 2" STATIC PRESSURE RATING WITH SEAL CLASS B SEAMS AND JOINTS.
4. INCLUDE ALL ACOUSTIC, AIRFOIL SHAPED PERFORATED ALUMINUM TURNING VANES, MANUAL DAMPERS, FLEXIBLE CONNECTORS, GRILLES AND DIFFUSERS, ACOUSTIC LINING, AND OTHER SHEET METAL ACCESSORIES FOR THE PROJECT.
5. ALL BRANCH CONNECTIONS SHALL BE AS PER THE DETAILS SHOWN ON THE DRAWINGS.
6. ACOUSTICALLY LINE ALL RECTANGULAR DUCTS INDICATED ON DRAWINGS WITH ONE (1) INCH THICK NON-FLAKING, COATED MEDIUM DENSITY LINER, WITH 0.26 THERMAL CONDUCTIVITY, MAXIMUM FLAME SPREAD RATING OF 25 AND SMOKE DEVELOPED RATING OF 50, CONFORM TO MANUFACTURER'S RECOMMENDATIONS.
7. DUCT DIMENSIONS INDICATED ON DRAWINGS ARE CLEAR INSIDE DIMENSIONS (FREE AREA).
8. FURNISH ALL MATERIAL, LABOR AND EQUIPMENT AS REQUIRED TO INSTALL COMPLETE PLUMBING AND HVAC INSULATION AS INDICATED ON MECHANICAL DRAWINGS AND IN THESE SPECIFICATIONS.
9. INSTALL IN FULL ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
10. HVAC INSULATION (AS MANUFACTURED BY OWENS CORNING, KNAUF, SCHULLER, OR CERTAINTED) INTERNAL INSULATION SHALL BE PROVIDED ON ALL RETURN AIR DUCTWORK AND OUTSIDE AIR DUCTWORK. INTERNAL INSULATION SHALL BE PROVIDED ON SUPPLY AIR DUCTWORK FROM HVAC UNIT TO 10 FEET INSIDE THE BUILDING. INTERNAL INSULATION SHALL BE MINIMUM 1" THICK 1-1/2 PCF FIBERGLASS, NEOPRENE COATED, AND ADHERED WITH 100% COVERAGE AND STICK CLIPS ON 12" CENTERS. SHEET METAL SIZES SHALL BE INCREASED ACCORDINGLY TO ALLOW FOR DUCT LINER. AFTER 10 FEET OF INSULATED SUPPLY AIR DUCTWORK INSIDE BUILDING, SUPPLY AIR DUCTWORK ROUTED IN EXPOSED CONDITIONED AREAS IS NOT REQUIRED TO BE INSULATED. SUPPLY AIR DUCTWORK ROUTED ABOVE THE CEILING IN CONCEALED AREAS SHALL BE WRAPPED WITH 2" FIBERGLASS INSULATION.
11. DUCT LINER SHALL COMPLY WITH NFPA 90A AND 90B (LATEST EDITION) REQUIREMENTS AND NAIMA "FIBROUS GLASS DUCT LINER STANDARD".
12. FLEXIBLE DUCTWORK (AS MANUFACTURED BY CLEVAFLEX, FLEXMASTER OR WIREMOLD). FLEXIBLE DUCTS SHALL BE INDEPENDENTLY SUPPORTED FROM THE STRUCTURE AND CONNECTED WITH PLASTIC DRAW BANDS AND TIGHTENED. FLEXIBLE DUCTS SHALL BE LIMITED TO 60" MAXIMUM STRAIGHT LENGTHS. FLEXIBLE DUCTS SHALL BE CONSTRUCTED OF 1 1/2" INSULATION WITH VINYL VAPOR BARRIER JACKET AND RATED AT 10" WC FOR SIZES THROUGH 12", UL LISTED, AND MEET 25/50 FLAME AND SMOKE TEST. FLEXIBLE DUCTS ARE NOT PERMITTED IN ROOMS WITHOUT CEILINGS.
13. ALL DUCT TRUNK 90 DEGREE TURNS OR TEE'S, SHALL HAVE TURNING VANES. 3 PIECE OR 45 DEGREE TURNS CAN BE USED IN PLACE OF 90 DEGREE TURNS AND DO NOT NEED TURNING VANES.
14. ALL REGISTERS, GRILLES & DIFFUSERS MUST BE TESTED IN ACCORDANCE WITH ASTM E 84, AND VOLUME DAMPERS OR OTHER MEANS OF SUPPLY AIR ADJUSTMENT SHALL BE PROVIDED IN DUCTS OR AT EACH INDIVIDUAL REGISTER, GRILLE OR DIFFUSER.
15. AIR DISTRIBUTION SYSTEMS SHALL BE TESTED, ADJUSTED, AND BALANCED BY A LICENSED ENGINEER OF THIS STATE OR A CURRENT CERTIFIED ORGANIZATION.
16. AIR HANDLERS (OVER 2000 CFM) SHALL HAVE A SMOKE DETECTOR INSTALLED IN THE SUPPLY. IN ACCORDANCE WITH NFPA 90A AND NFPA 72.
17. FIRE DAMPERS (AS MANUFACTURED BY RUSKIN, NAILOR OR SAFE-AIR). FABRICATE IN ACCORDANCE WITH NFPA 90A AND UL555. DAMPERS SHALL BE SUITABLE FOR USE IN THE VERTICAL OR HORIZONTAL POSITION AS INDICATED ON THE DRAWINGS, BE TYPE 'B' WITH BLADES OUT OF AIRSTREAM, AND BE RATED FOR 1-1/2 HOURS MINIMUM (UNLESS NOTED OTHERWISE).
18. PROVIDE DUCT MOUNTED ACCESS DOORS AT ALL FIRE DAMPER LOCATIONS. ACCESS DOORS (AS MANUFACTURED BY RUSKIN, NAILOR OR SAFE-AIR). FABRICATE IN ACCORDANCE WITH SMACNA STANDARDS. DOORS TO BE FABRICATED OF GALVANIZED STEEL WITH SEALING GASKET AND QUICK LOCKING DEVICE. FOR INSULATED DUCTWORK, DOORS SHALL HAVE MINIMUM ONE (1) INCH INSULATION WITH SHEET METAL COVER.
19. FRESH AIR INTAKES SHALL NOT BE LOCATED CLOSER THAN 10 FT. FROM ANY CHIMNEY, EXHAUST OR VENT OUTLET, OR SANITARY SEWER VENT OUTLET.
20. ALL EXHAUST DUCTS, SHALL BE CONSTRUCTED OF GALV. METAL.
21. ALL EXHAUSTED BATHROOMS, CLOSETS & STORAGE ROOMS SHALL HAVE UNDER CUT DOORS OR A METHOD FOR MAKE UP AIR TO BE TRANSFERRED EQUAL TO THE AMOUNT OF CFM'S EXHAUSTED.
22. CONDENSATE FROM ALL COOLING COILS AND EVAPORATORS SHALL BE CONVEYED FROM THE DRAIN PAN OUTLET TO AN APPROVED PLACE OF DISPOSAL. CONDENSATE SHALL NOT DISCHARGE INTO A STREET, ALLEY OR OTHER AREA AS TO CAUSE A NUISANCE. MUST TERMINATE A MIN. OF 18" FROM EXT. WALL. PER AUTHORITY OVER JURISDICTION CONDENSATE DRAIN MAY DRAIN TO A STORM SYSTEM, UTILITY SINK OR SEWER BY APPROVED MEANS. CONDENSATE DRAIN LINE SHALL NOT BE LESS THAN 3/4 INCH DIAMETER AND SHALL NOT DECREASE IN SIZE.
23. THERMOSTAT SHALL BE MOUNTED AT 4'-0" A.F.F. THERMOSTATS AND REMOTE SENSORS WILL BE SUPPLIED BY THE CONTRACTOR. MECHANICAL CONTRACTOR SHALL MOUNT AND WIRE REMOTE SENSORS AND THERMOSTATS.

GENERAL MECHANICAL NOTES	
1	GENERAL MECHANICAL NOTES APPLY TO ALL MECHANICAL DRAWINGS.
2	THESE DRAWINGS ARE DIAGRAMMATIC & INDICATE THE GENERAL INTENT OF THE WORK. PROVIDE COMPLETE PIPING SYSTEMS PER SPECIFICATIONS, AND PER APPLICABLE CODES INCLUDING ALL NECESSARY OFFSETS, AND FITTINGS WHICH ARE REQUIRED DUE TO SPACE CONSTRAINTS OR OTHER CONDITIONS.
3	CONTRACTOR SHALL COORDINATE HIS WORK WITH ALL OTHER TRADES. VERIFY ALL CLEARANCES PRIOR TO THE FABRICATION OF ANY WORK.
4	THE CONTRACTOR SHALL PROVIDE ALL MISCELLANEOUS SUPPORTING STEEL, ETC. FOR PROPER INSTALLATION OF ALL MECHANICAL SYSTEMS.
5	COORDINATE FLOOR, WALL, AND ROOF PENETRATIONS WITH ARCHITECTURAL TRADES.
6	FRESH AIR INTAKE SHALL BE LOCATED A MINIMUM OF 10'-0" FROM ANY PLUMBING VENT, FLUE VENT OR EXHAUST DISCHARGE.
7	COORDINATE AND PROVIDE ACCESS DOORS IN HARD CEILING AREAS FOR ACCESS TO BALANCING DAMPERS, ETC. REFER TO ARCHITECTURAL DRAWINGS FOR CEILING TYPES.

LEGEND	
	THERMOSTAT CONTROL
	SMOKE DETECTOR
	TEMPERATURE SENSOR
	SUPPLY DUCT IN SECTION
	RETURN DUCT IN SECTION
	EXHAUST DUCT IN SECTION
	VOLUME CONTROL DAMPER
	FIRE DAMPER
	FIRE/SMOKE DAMPER
	CEILING SUPPLY DIFFUSER
	CEILING RETURN GRILLE
	CEILING EXHAUST GRILLE
	NEW TO EXISTING CONNECTION
CFM CUBIC FEET PER MINUTE	NK NECK
DN DOWN	AFF ABOVE FINISHED FLOOR
CD CONDENSATE DRAIN	EXH EXHAUST
SA SUPPLY AIR	REQD REQUIRED
RA RETURN AIR	DMPR DAMPER
FD FIRE DAMPER	VD VOLUME DAMPER
VVT CONSTANT VOLUME BOX	NG NATURAL GAS
RG RETURN GRILLE	EG EXHAUST GRILLE
CUH CABINET UNIT HEATER	SC SUPPLY GRILLE
	UH UNIT HEATER



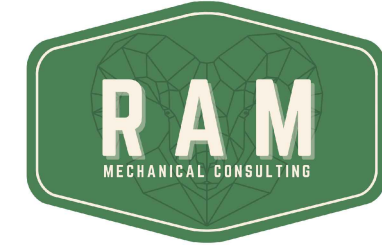
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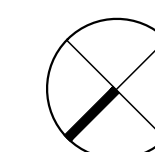
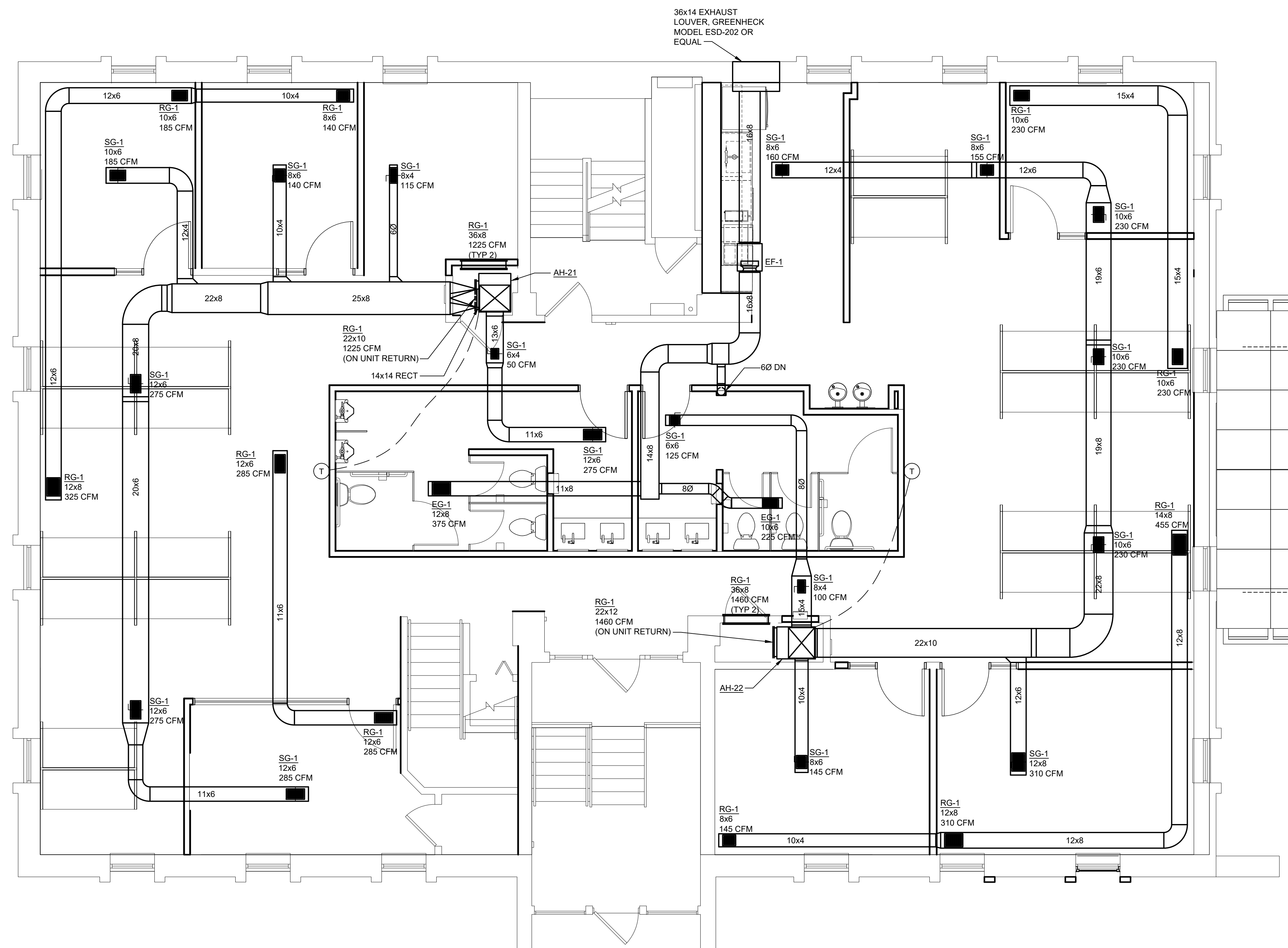
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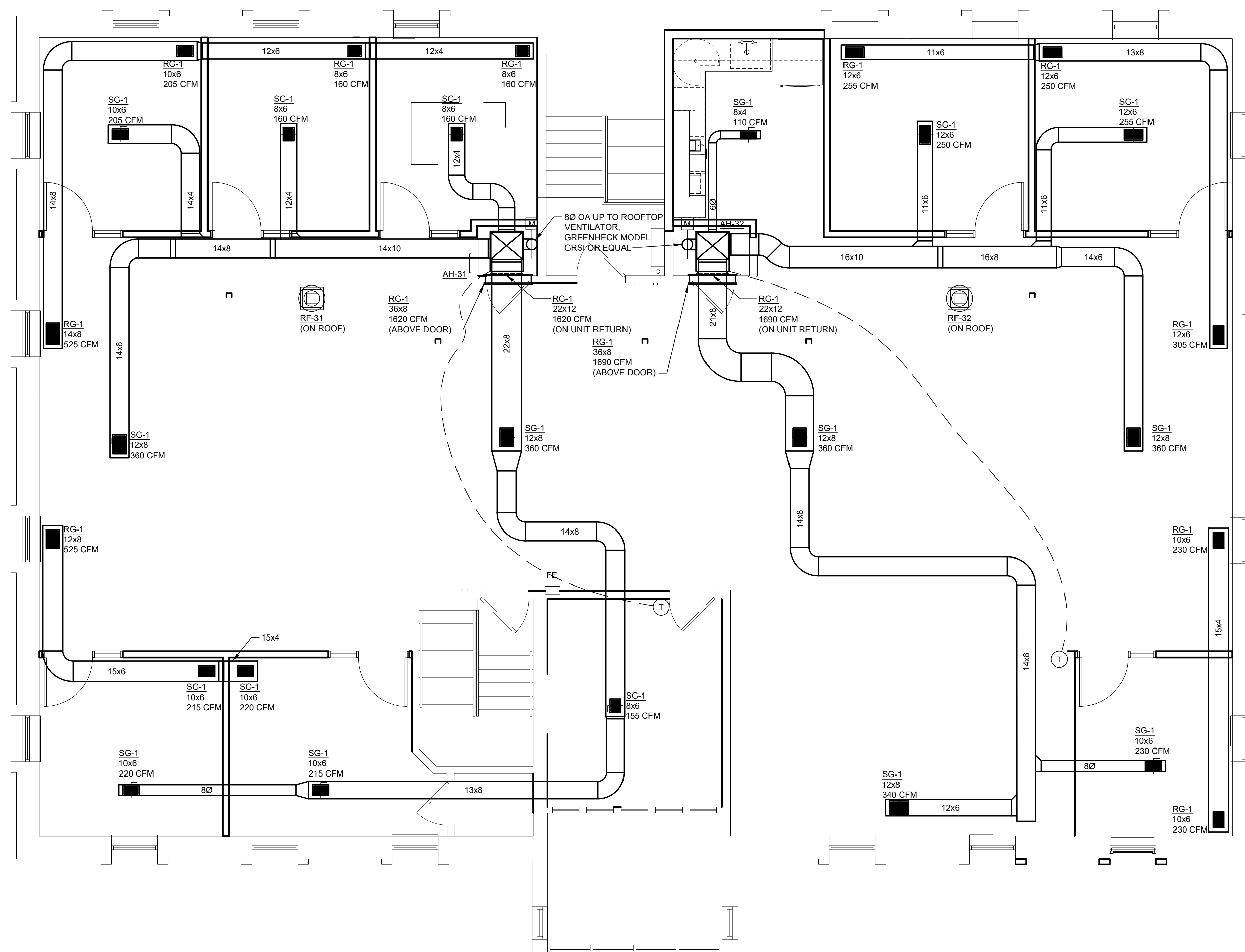
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SHEET TITLE:
FIRST FLOOR
MECHANICAL
PLAN

SHEET NO:

M-101





1 THIRD FLOOR MECHANICAL PLAN
SCALE: 1/4" = 1'-0"



SPLIT SYSTEM SCHEDULE																								
INDOOR UNIT										OUTDOOR UNIT							ELECTRICAL				REMARKS			
EQUIPMENT TAG	AIRFLOW (CFM)	OUTSIDE AIR (CFM)	COOLING TOTAL (MBH)	COOLING SENSIBLE (MBH)	HEATING INPUT (MBH)	HEATING OUTPUT (MBH)	DIMENSION HxWxL (IN)	WEIGHT (LBS)	YORK/JCI MODEL NUMBER	ELECTRICAL				EQUIPMENT TAG	DIMENSION HxWxL (IN)	WEIGHT (LBS)	SEER2	YORK/JCI MODEL NUMBER	VOLT	PHASE			MCA	MOP
										VOLT	PHASE	MCA	MOP											
AH-11	1290	270	40.5	27.1	100	97	36x23x32	142	TP9C100C16MP13C	115	1	13.4	15	AHCU-11	40x36x40	230	14.5	XC442E2S11	208/230	1	18.9	30		
AH-12	1775	285	57.5	36.0	120	116	36x27x32	156	TP9C120D20MP13C	115	1	16.6	20	AHCU-12	46x36x40	235	14.0	XC460E2S11	208/230	1	30.7	50		
AH-21	1585	175	47.9	28.4	120	116	36x27x32	156	TP9C120D20MP13C	115	1	16.6	20	AHCU-21	40x34x37	215	14.0	XC448E2S11	208/230	1	29.1	50		
AH-22	1585	175	46.9	30.5	120	116	36x27x32	156	TP9C120D20MP13C	115	1	16.6	20	AHCU-22	40x34x37	215	14.0	XC448E2S11	208/230	1	29.1	50		
AH-31	1835	215	57.4	37.3	130	104	36x27x32	136	Z8ES130D20SMPS1	115	1	13.7	20	AHCU-31	46x40x36	255	16.0	XC660E2S11	208/230	1	31.6	50		
AH-32	1905	215	57.5	41.9	130	104	36x27x32	136	Z8ES130D20SMPS1	115	1	13.7	20	AHCU-32	46x40x36	235	14.25	XC460E2S11	208/230	1	30.7	50		

NOTES:
1. ALTERNATE MANUFACTURERS: CARRIER AND LENNOX.

MINIMUM OUTDOOR AIR SCHEDULE										
ROOM NAME	SERVED BY	AREA (SQ. FT.)	OA REQ'D PER AREA (CFM)	OCCUPANCY (PEOPLE./ 1000 FT²)	OCCUPANCY (NUMBER OF PEOPLE)	OA REQ'D PER PRSN (CFM)	UNCORRECTED OA (CFM)	SUPPLY AIR (CFM)	ACTUAL OA SUPPLIED (CFM)	REMARKS
ACCOUNTING OFFICE	AC-11	179.8	0.06	-	1	5.0	16			
IT OFFICE	AC-11	246.3	0.06	-	1	5.0	20			
LOUNGE	AC-11	490.2	0.12	-	20	5.0	159			
SUPPLY ROOM	AC-11	120.0	0.12	0	0	0	14			
WORKOUT ROOM	AC-11	221.5	0.06	10	2.2	20	58			
AC-11 TOTAL							266	1270	270	
CONFERENCE A	AC-12	452.9	0.06	-	18	5.0	117			
CONFERENCE B	AC-12	412.5	0.06	-	14	5.0	95			
CORRIDOR	AC-12	326.3	0.06	0	0	0	20			
RECEPTION	AC-12	460.8	0.06	-	5	5.0	53			
UNISEX TOILET	AC-12	74.6	0.00	0	0	0	0			
AC-12 TOTAL							284	1760	285	
CORRIDOR	AC-21	159.0	0.06	0	0	0	10			
HUDDLE	AC-21	157.8	0.06	-	6	5.0	39			
MEN	AC-21	187.5	0.00	0	0	0	0			
OFFICE	AC-21	117.3	0.06	-	1	5.0	12			
OFFICE	AC-21	117.8	0.06	-	1	5.0	12			
OPEN OFFICE	AC-21	589.5	0.06	-	10	5.0	85			
PRINT SUPPLY & STORAGE	AC-21	116.3	0.12	0	0	0	14			
AC-21 TOTAL							172	1600	175	
CORRIDOR	AC-22	232.0	0.06	0	0	0	14			
KITCHENETTE	AC-22	116.3	0.12	25	2.9	5	28			
OFFICE	AC-22	115.1	0.06	-	1	5.0	12			
OFFICE	AC-22	162.2	0.06	-	1	5.0	15			
OFFICE	AC-22	194.3	0.06	-	1	5.0	17			
OPEN OFFICE	AC-22	630.6	0.06	-	10	5.0	88			
MEN	AC-22	157.4	0.00	0	0	0	0			
AC-22 TOTAL							174	1610	175	
HUDDLE	AC-31	138.4	0.06	-	6	5.0	38			
OFFICE	AC-31	119.4	0.06	-	1	5.0	12			
OFFICE	AC-31	119.1	0.06	-	1	5.0	12			
OFFICE	AC-31	118.5	0.06	-	1	5.0	12			
OFFICE	AC-31	124.7	0.06	-	1	5.0	12			
OFFICE	AC-31	153.2	0.06	-	1	5.0	14			
OPEN OFFICE	AC-31	860.4	0.06	-	12	5.0	112			
AC-31 TOTAL							213	1835	215	
KITCHENETTE	AC-32	109.9	0.12	25	2.7	5	27			
OFFICE	AC-32	145.2	0.06	-	1	5.0	14			
OFFICE	AC-32	144.2	0.06	-	1	5.0	14			
OFFICE	AC-32	106.8	0.06	-	1	5.0	11			
OPEN OFFICE	AC-32	1136.5	0.06	-	16	5.0	148			
AC-32 TOTAL							214	1905	215	

NOTE: BASED ON IMC 2021 403.3.1.1.

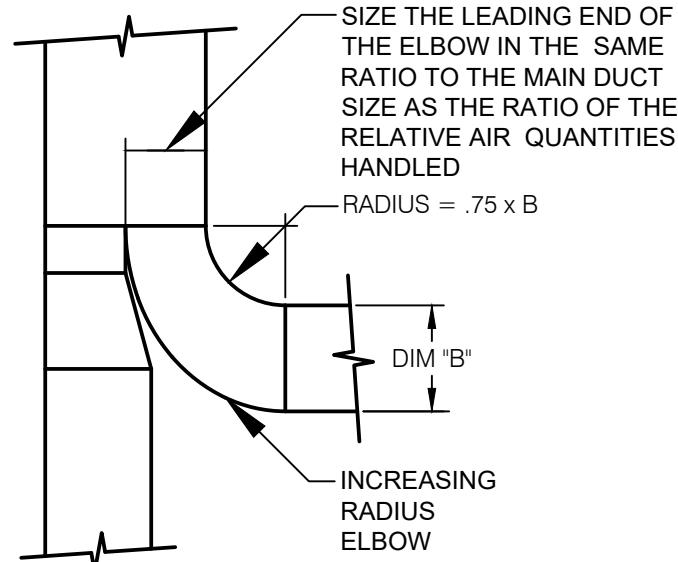
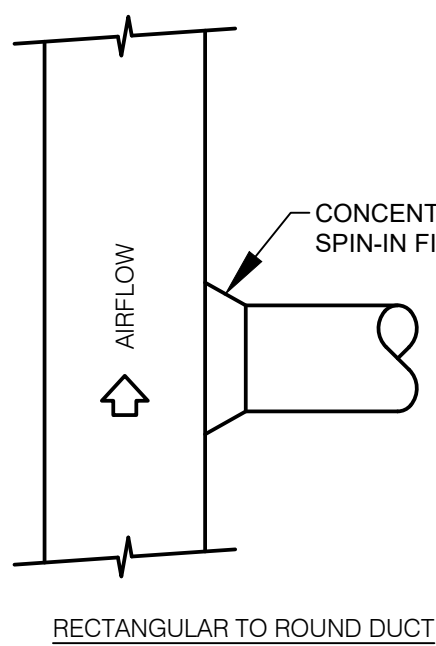
MINI-SPLIT SYSTEM AIR CONDITIONING UNIT SCHEDULE																	
AREA SERVED	INDOOR UNIT								OUTDOOR UNIT								REMARKS
	EQUIPMENT TAG	CAPACITY (BTUH)	AIRFLOW (CFM)	EFFICIENCY (EER2/ SEER2)	REFRIGERANT	DIMENSION HxWxD (IN)	WEIGHT (LBS)	HITACHI MODEL NUMBER	EQUIPMENT TAG	DIMENSION HxWxD (IN)	WEIGHT (LBS)	HITACHI MODEL NUMBER	V	PH	MCA	MOP	
SERVER	AC-1	9,000	350	15.0/22.0	R32	11x36x9	20	PPK-B09UFA1DQ	ACCU-1	23x32x11	78	PAS-09BUFASDQ1	208 / 230	1	9.3	15	

FAN SCHEDULE												
EQUIPMENT TAG	AIRFLOW (CFM)	ESP	FRPM	DRIVE	ELECTRICAL					MODEL NUMBER	MANUFACTURER	REMARKS
					POWER (HP)	RPM	VOLT	PHASE	FLA			
EF-1	675	0.6	1140	DIRECT	1/6	1140	115	1	2.7	SQ-120	GREENHECK	FAN SHALL OPERATE CONTINUOUSLY DURING OCCUPIED HOURS

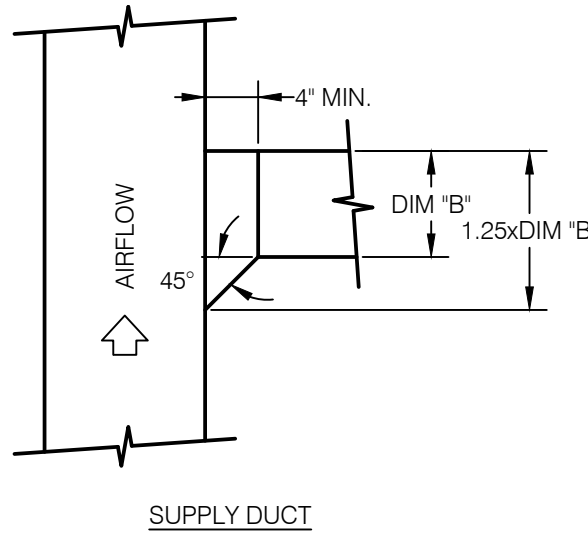
NOTES: 1. PROVIDE BACKDRAFT DAMPER.

GRILLE, REGISTER, DIFFUSER SCHEDULE									
TAG	SERVICE	NECK SIZE	FRAME SIZE	FRAME TYPE	ACCESSORIES	MATERIAL	FINISH	MODEL NUMBER	REMARKS
SG-1	SUPPLY	SEE PLANS	DUCT SIZE + 2"	SURFACE MOUNT	NONE	STEEL	WHITE	520	DOUBLE DEFLECTION
RG-1 / EG-1	RETURN / EXHAUST	SEE PLANS	DUCT SIZE + 2"	SURFACE MOUNT	NONE	STEEL	WHITE	530	SINGLE DEFLECTION

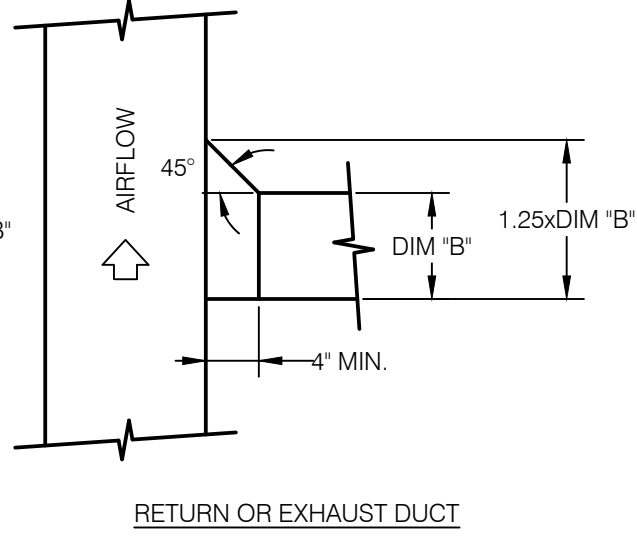
NOTE: 1. MODEL NUMBERS ARE PRICE UNLESS OTHERWISE NOTED.
2. PROVIDE TRANSITION TO DIFFUSER WHERE REQUIRED.



SUPPLY, RETURN OR EXHAUST DUCT
FOR USE WHEN A BRANCH TAKE-OFF IS TO HANDLE MORE THAN 25% OF THE AIR HANDLED BY THE MAIN DUCT

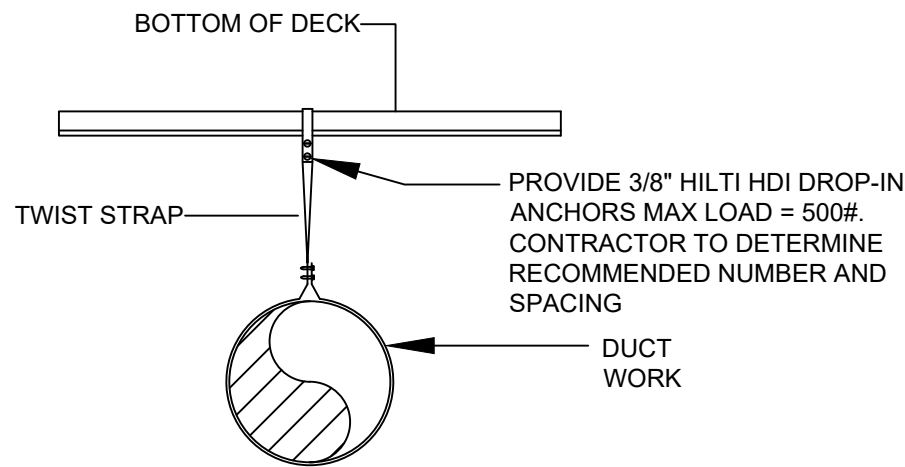


SUPPLY DUCT



RETURN OR EXHAUST DUCT

RECTANGULAR BRANCH TAKE-OFF DETAILS
N.T.S.



DUCT HANGERS
PIPE HANGER SIMILAR.

HANGER DETAIL
N.T.S.

DANIEL
BOGGS
ARCHITECT

ARCHITECTURE
&
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26143 EAST RIVER ROAD
GROSSE ILE, MI 48138
248.882.3642

PROJECT:
CV Engineering
3400 McKnight East Drive
Pittsburgh, PA 15237

CONSULTANTS:



RAM MECHANICAL CONSULTING
8521 CHURCH ROAD
GROSSE ILE, MI 48138
(586) 668-1062

PROFESSIONAL SEAL:

ISSUED:
08-03-26 Construction Set

PROJECT NO:
2025.28

DRAWN BY:
RON MACIEJEWSKI

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CV Engineering at 3400 McKnight East Drive
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Architect.

SHEET TITLE:
MECHANICAL
SCHEDULES &
DETAILS

SHEET NO:

M-800

LIGHTING FIXTURE SCHEDULE	
TYPE	DESCRIPTION
A1	48" LED DIRECT/INDIRECT CABLE SUSPENDED FIXTURE, 1250LM PER FT, 3000K, BLACK. PINNACLE ARCHITECTURAL LIGHTING LINERO L8DI-A-70-835HO-VARIOUS-AC-JB-U-FSD-1-0-BL
A1EM	SAME AS FIXTURE "A1" BUT WITH EMERGENCY BATTERY BACKUP OR CONNECTED TO INVERTER. L8DI-A-70-835HO-VARIOUS-AC-JB-U-FSD-1-FSB-BL
A2	48" LED DIRECT/INDIRECT WALL MOUNTED FIXTURE, 1250LM PER FT, 3000K, BLACK. PINNACLE ARCHITECTURAL LIGHTING LINERO 8 L8DI-A-70-835HO-4-WB-JB-U-FSD-1-0-BL
A2EM	SAME AS FIXTURE "A2" BUT WITH EMERGENCY BATTERY BACKUP OR CONNECTED TO INVERTER. L8DI-A-70-835HO-4-WB-JB-U-FSD-1-FSB-BL
B	24" LED DIRECT/INDIRECT WALL MOUNTED FIXTURE, 1200LM PER FT, 3000K, BLACK. AXIS LIGHTING BEAM 3 TB3WDILED-1200-1000-90-30-SO-2-M16LEDB-BLK-UNV-DP-1
BEM	SAME AS FIXTURE "B" BUT WITH EMERGENCY BATTERY BACKUP OR CONNECTED TO INVERTER. TB3WDILED-1200-1000-90-30-SO-2-M16LEDB-BLK-UNV-DP-1-B
C	48" LED SURFACE MOUNTED FIXTURE, SWITCHABLE LUMENS, 3000K SWITCHABLE CCT, WHITE. COLUMBIA LIGHTING CRW ROUND WRAP CRW4-A-LSCS
D	48" LED SURFACE MOUNTED FIXTURE, SWITCHABLE LUMENS, 3000K SWITCHABLE CCT, WHITE. COLUMBIA LIGHTING CSL STRIPLIGHT CSL4-B-LSCS
E	12" LED SURFACE MOUNTED CIRCLE FIXTURE, 1740LM, 3000K SWITCHABLE CCT, BLACK. NORA LIGHTING NELO NELO-12RTWMPW-NELO-12R-B
EEM	SAME AS FIXTURE "E" BUT WITH EMERGENCY BATTERY BACKUP OR CONNECTED TO INVERTER.
F24	24" LED SURFACE MOUNTED UNDER CABINET LIGHTING, 775LM, 3000K SWITCHABLE CCT, WHITE. LEDBAR-23-CCT
F48	48" LED SURFACE MOUNTED UNDER CABINET LIGHTING, 1500LM, 3000K SWITCHABLE CCT, WHITE. LEDBAR-46-CCT
G48	48" LED CABLE SUSPENDED FIXTURE, 2920LM, 3000K, BLACK. ZANEEN SMOOTHLINE SUSPENSION A30273-0-10V-3000-BKV-PMMA-OPAL
G60	60" LED CABLE SUSPENDED FIXTURE, 3650LM, 3000K, BLACK. ZANEEN SMOOTHLINE SUSPENSION A30275-0-10V-3000-BKV-PMMA-OPAL
H	TRACK LIGHTING WITH SPOT LIGHTS, SURFACE MOUNTED, BLACK. CORONET MAGNETO TRACK MAG-TRK-X-X-NA-30-HIGH-UNV-DB-DR90-BLK-SM LARGE SPOT MODULE, 2920LM, 3000K, BLACK. MAG-SPLRG-30-MED-BLK-WFL-NA
J	60" LINEAR PENDANT MOUNTED FIXTURE OVER KITCHEN ISLAND, 2400LM, 3000K, BLACK. MS-003-03-102
K	36" LINEAR PENDANT MOUNTED FIXTURE, 1200LM PER FT, 3000K, WHITE. AXIS LIGHTING BEAM 3 TB3ILED-1200-90-30-BW-3-W-UNV-DP-1-CA
KEM	SAME AS FIXTURE "K" BUT WITH EMERGENCY BATTERY BACKUP OR CONNECTED TO INVERTER. TB3ILED-1200-90-30-BW-3-W-UNV-DP-1-CA-B
L	6" LED SURFACE MOUNTED CIRCLE FIXTURE, 1050LM, SWITCHABLE CCT, BLACK. NORA LIGHTING NELO NELO-6RTWMPW-NELO-6R-B
LEM	SAME AS FIXTURE "L" BUT WITH EMERGENCY BATTERY BACKUP OR CONNECTED TO INVERTER. NELO-6RTWMPW-NELO-6R-B-NSEM-6WDW
M	PENDANT MOUNTED DECORATIVE FIXTURE IN STAIR, 6375LM, 3000K, BLACK. BLACKJACK LIGHTING TTK PENDANT TTK-072P-BL-27U-30K
N	4" DIAMETER LED MONO POINT FIXTURE, E26 LAMP, 800LM, 3000K, BLACK. BLACKJACK LIGHTING MONO 4 CRM-FR-04-BL-BL-SP5-096-C
P	LINEAR PENDANT HUNG FIXTURE, SWITCHABLE LUMENS, 3000K SWITCHABLE CCT, WHITE. NAL LIGHTING GROUP ATT-VP5W-P-4-D2-LO-TW-E-DC-W-R3
EA	EXTERIOR SURFACE MOUNTED FIXTURE, 341 LM PER FT, 2700K, BLACK. LUMINII KENDO XL SURFACE KXLW-HE64MO-27K-F-FC-BK-LWE-RWE
EB	EXTERIOR IN-GRADE FIXTURE, 1383LM, 2700K, BLACK. B-K LIGHTING DENALI DE-IN-RMD-LCB-SS-FSM-X64-WFL-12-00-WL00-BLP
X1	CEILING MOUNTED EXIT LIGHT, GREEN LETTERS, BLACK MOUNT. EVENLITE SOVEREIGN II X1. SOVII-EM-G-2M-BK-SC-UC
X2	WALL MOUNTED EXIT LIGHT, GREEN LETTERS, BLACK MOUNT. EVENLITE SOVEREIGN II X2. SOVII-EM-G-1C-BK-SW-NA

ELECTRICAL SYMBOL LEGEND	
SYMBOL	DESCRIPTION
	DUPLEX RECEPTACLE (18" A.F.F. UNLESS NOTED)
	220V RECEPTACLE (18" A.F.F. UNLESS NOTED)
	EXTERIOR GFI WITH BUBBLE COVER (18" A.F.F. UNLESS NOTED)
	GROUND-FAULT CIRCUIT-INTERRUPTER (18" A.F.F. UNLESS NOTED)
	DUPLEX FLOOR RECEPTACLE
	SINGLE POLE SWITCH (48" A.F.F. UNLESS NOTED)
	THREE-WAY SWITCH (48" A.F.F. UNLESS NOTED)
	SMART WALLBOX SENSOR, LEVITON OR EQUAL (48" A.F.F. UNLESS NOTED). ELECTRONIC LIGHTING CONTROL WITH THE FOLLOWING FUNCTIONS: MANUAL ON AUTOMATIC ON WITH OCCUPANCY SENSING AUTOMATIC OFF 20 MINUTES AFTER VACANCY
	SMART WALLBOX SENSOR, LEVITON OR EQUAL (48" A.F.F. UNLESS NOTED). ELECTRONIC LIGHTING CONTROL WITH THE FOLLOWING FUNCTIONS: MANUAL ON AUTOMATIC ON WITH OCCUPANCY 50% POWER DIMMING CONTROLS AUTOMATIC OFF 20 MINUTES AFTER VACANCY

ELECTRICAL GENERAL NOTES

- VERIFY EXACT MECHANIC EQUIPMENT LOCATION WITH MECHANICAL DRAWINGS AND CONTRACTOR.
- THE ELECTRICAL INSTALLATION IN ITS ENTIRETY SHALL BE DONE IN STRICT ACCORDANCE WITH ALL APPLICABLE NATIONAL, STATE, AND CITY CODE, RULES, REGULATIONS, AND ORDINANCES.
- ALL DEVICE PLATES SHALL BE STAINLESS STEEL.
- ALL ELECTRICAL MATERIALS SHALL MEET THE CURRENT NATIONAL ELECTRICAL CODE STANDARDS UNLESS BETTER GRADE IS MENTIONED HEREIN AND SHALL BEAR THE UNDERWRITERS LABORATORIES LABEL.
- LOCATIONS SHOWN FOR RECEPTACLES, J-BOXES, ETC. ARE APPROXIMATE LOCATIONS ONLY.
- ALL LIGHT FIXTURES SHALL BE RATED FOR THE LOCATION IN WHICH THEY ARE INSTALLED (DAMP LOCATION, ETC.).
- ALL LIGHT FIXTURES SHALL BE TYPE A UNLESS INDICATED OTHERWISE.

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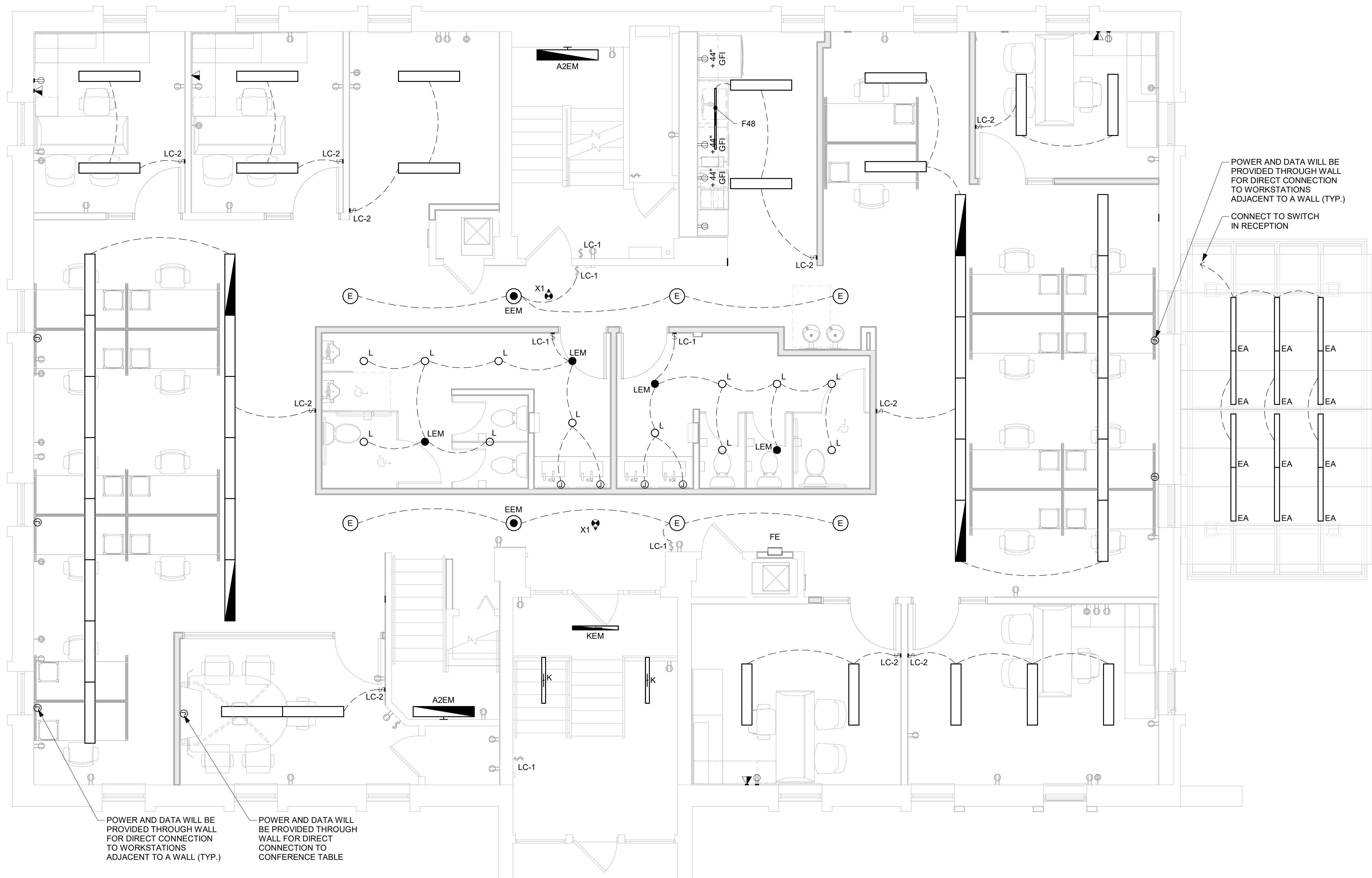
PROJECT NO:
2025.28

DRAWN BY:
DWB

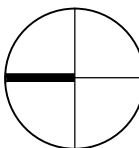
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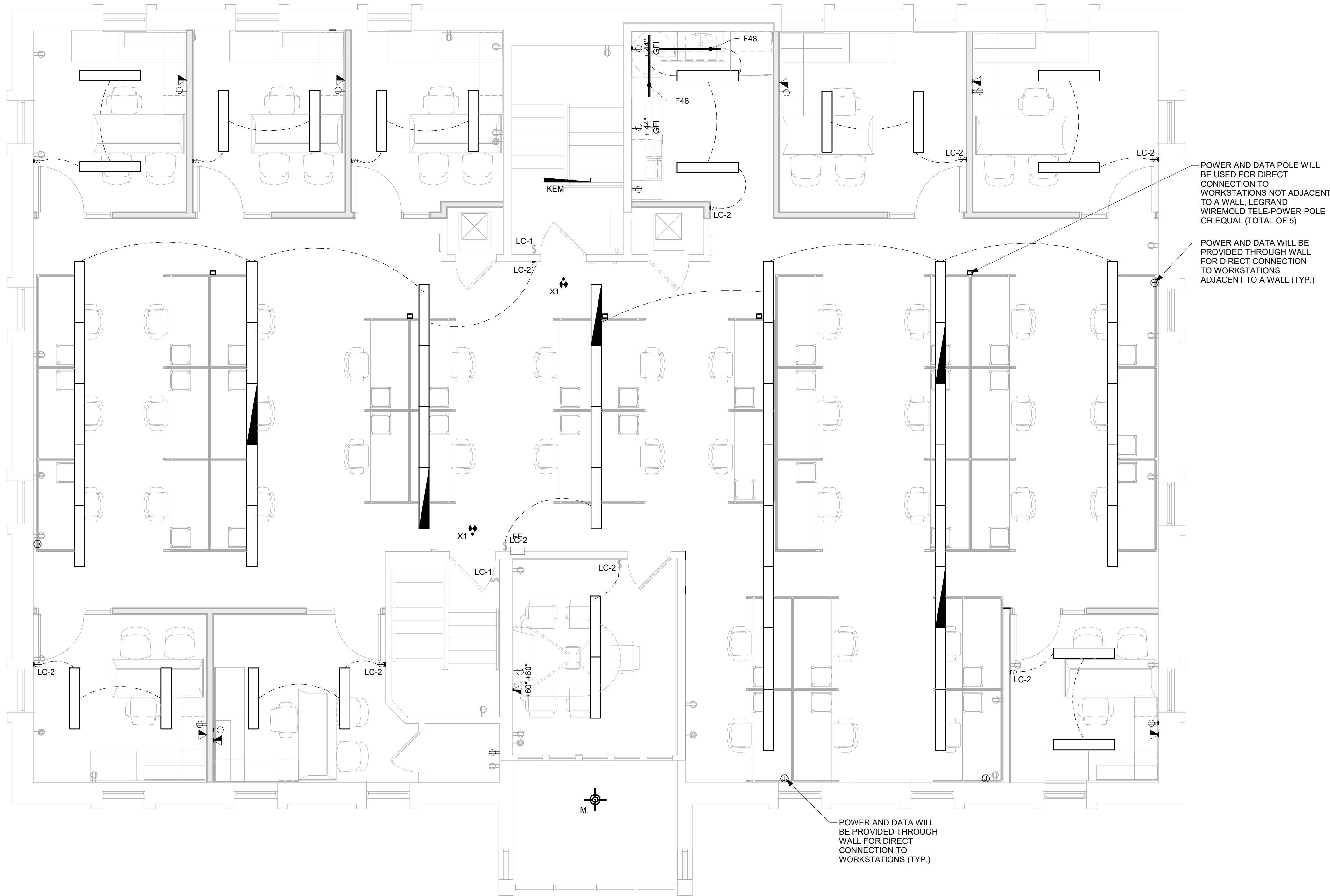
SHEET TITLE:
Electrical General
Information

SHEET NO:
E-100



1 SECOND FLOOR ELECTRICAL PLAN
E-102 SCALE: 1/4" = 1'-0"





1 THIRD FLOOR ELECTRICAL PLAN
E-103 SCALE: 1/4" = 1'-0"

