

NOT FOR CONSTRUCTION

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JURISDICTION:
CITY OF LONGMONT, CO

CURRENT LOT ZONING:
MU-D

CONTRACTOR TO COMPLY WITH THE FOLLOWING ADOPTED BUILDING CODES:
2018 IBC
2018 IFGC
2018 IMC
2018 IPC
2018 IEBC
2018 IECC
2018 IFC
2017 NEC
2009 ICC/ANSI A117.1
*AND ANY LOCAL AMENDMENTS TO THE BUILDING CODE

OCCUPANCY TYPE CLASSIFICATION:
MERCANTILE GROUP M (IBC)

CONSTRUCTION TYPE CLASSIFICATION:
IBC: TYPE II-B
FULLY SPRINKLERED THROUGHOUT
STORIES: 1

OCCUPANCY COUNT FOR TENANT FINISH SPACE (IBC 1004) - REFER TO AREA PLAN ON SHEET A0 FOR A GRAPHIC DESCRIPTION
MERCANTILE AREA - 60 GROSS PER OCCUPANT = 1927 SF / 60 SF = 32.1 = 33 OCCUPANTS
BUSINESS AREA - 150 GROSS PER OCCUPANT = 2067 SF / 150 SF = 13.7 = 14 OCCUPANTS

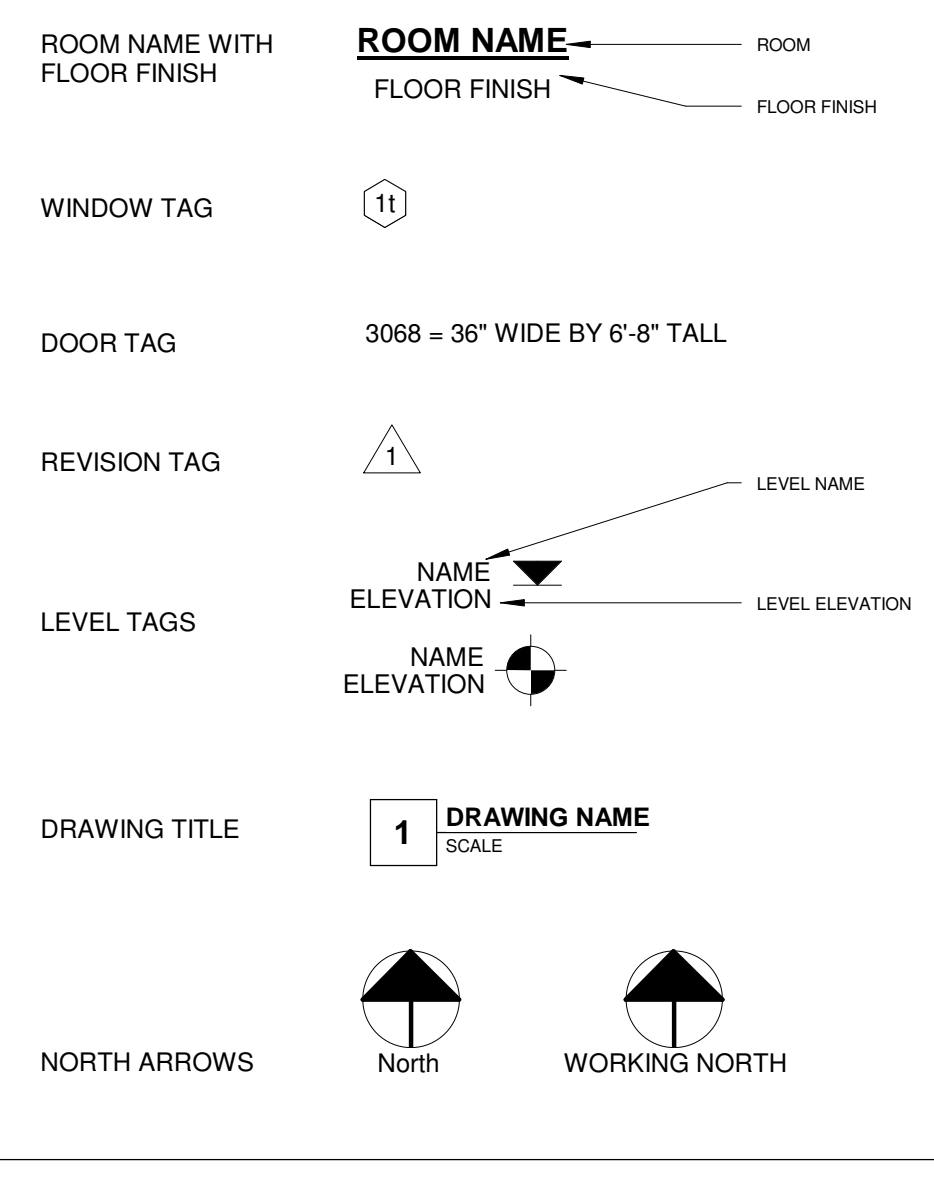
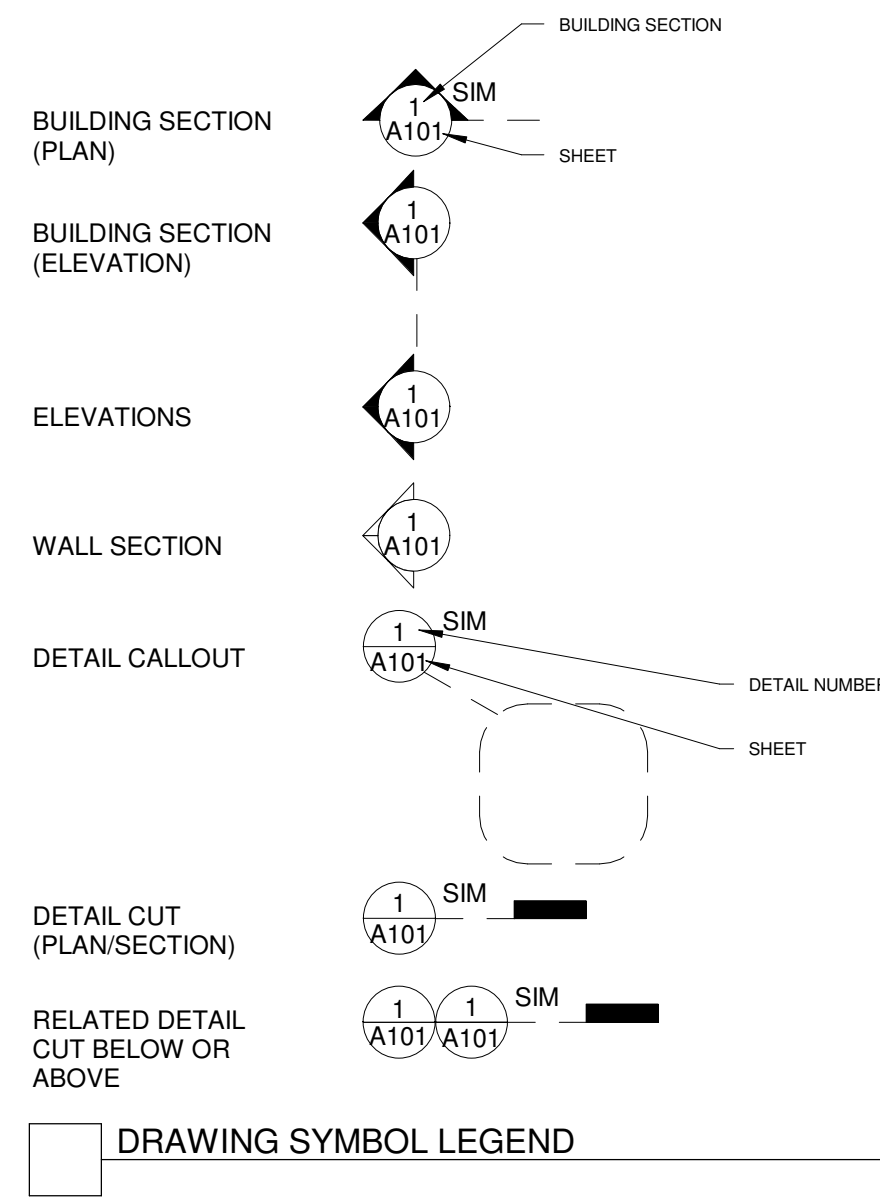
TOTAL OCCUPANTS = 33 + 14 = 47 OCCUPANTS

MEANS OF EGRESS OUT OF TENANT SPACE
EGRESS WIDTH FACTOR WITH SPRINKLER SYSTEM (IBC 1005.1) - 0.15 INCHES PER OCCUPANT = 7 INCHES, THEREFORE THE MINIMUM ALLOWABLE WIDTH OF 36 INCHES PER IBC TABLE 1020.2 WILL BE USED. MINIMUM CLEAR WIDTH AT DOORWAYS SHALL BE 32 INCHES IN ACCORDANCE WITH IBC 1010.1.1

PLUMBING SYSTEMS (PER IBC TABLE 2902.1):
MERCANTILE TYPE CLASSIFICATION REQUIRES:
1 WATER CLOSET PER 500
1 LAVATORY PER 750
1 DRINKING FOUNTAIN PER 1,000
1 SERVICE SINK FOR AN OCCUPANT LOAD OF 16 OR MORE

PLUMBING FIXTURES PROVIDED: MERCANTILE
THE TOTAL NUMBER OF OCCUPANTS HAS BEEN DETERMINED TO BE 47
WATER CLOSET (1 REQUIRED): 2 PROVIDED
LAVATORY (1 REQUIRED): 3 PROVIDED
SERVICE SINK (1 REQUIRED): 1 PROVIDED
DRINKING FOUNTAIN (1 REQUIRED): 1 PROVIDED (DUAL-LEVEL)

CODE INFORMATION



DRAWING LIST	
NO.	NAME
A0	COVER
A0.1	GENERAL ARCHITECTURAL NOTES
A0.2	ADA ACCESSIBLE ROUTES
A0.3	LIFE SAFTEY PLANS
A1	MAIN FLOOR PLAN
A2	REFLECTED CEILING PLAN
A3	DETAILS AND INTERIOR ELEVATIONS
A4	POINT OF SALE EXTERIOR ELEVATION DETAILS
A5	POINT OF SALE INTERIOR ELEVATIONS
A6	GROOMING CHECK IN DETAILS
A7	GROOMING ROOM DETAILS
A8	DAYCARE ROOM DETAILS
A9	D.I.Y. WASH ROOM DETAILS
A10	RETAIL SHELVING PLAN
A11	CEILING FRAMING PLAN
A12	3D FRAMING
A13	METAL STUD FRAMING GUIDELINES
A14	FIRE HYDRANT DETAILS
A15	SPECIFICATION SHEETS

AREA SCHEDULE	
NAME	AREA
MERCANTILE AREA	1927 SF
BUSINESS AREA	2067 SF
Grand total: 2	3995 SF

OVERALL DOOR SCHEDULE				
CONSTRUCTION TYPE	WIDTH	HEIGHT	COMMENTS	COUNT
1630	1' - 6"	3' - 0"		2
3030	3' - 0"	3' - 0"		1
3068	3' - 0"	6' - 8"		7
3068 W/ LITE	3' - 0"	6' - 8"	TEMPERED	3
4030	4' - 0"	3' - 0"		1
Grand total: 14				

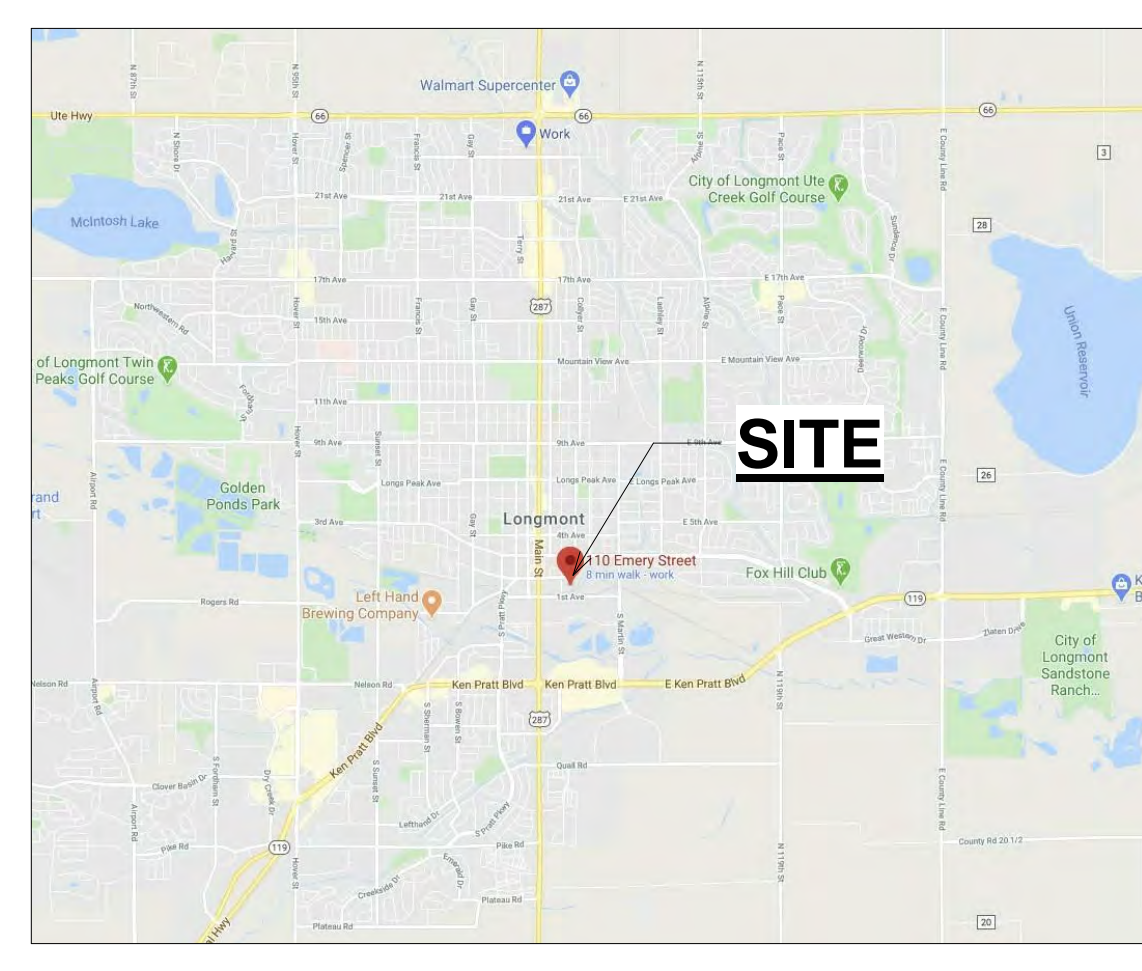
OVERALL WINDOW SCHEDULE				
TYPE MARK	TYPE	WIDTH	HEIGHT	COUNT
A	Fixed 36" x 36"	3' - 0"	3' - 0"	1
B	Fixed 72" x 36"	6' - 0"	3' - 0"	2
Grand total: 3				



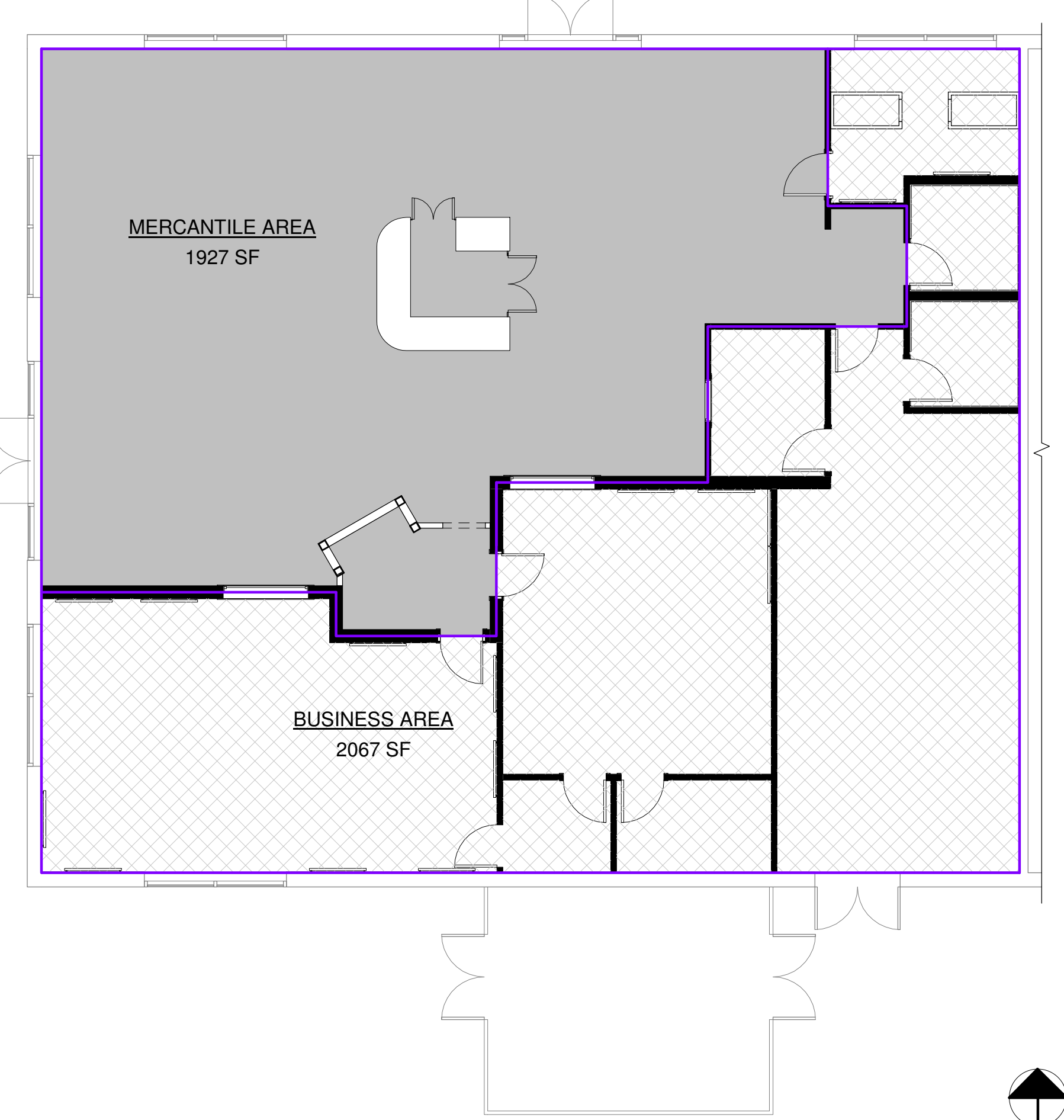
2 3D PERSPECTIVE Dee-O-Gee INTERIOR

PROJECT DESCRIPTION:
THE EXISTING SPACE CURRENTLY HAS NO TENANT.
A DOG SUPPLIES RETAIL STORE WITH DOG DAY CARE AND GROOMING SERVICES IS TO OCCUPY THE SPACE. NO EXTERIOR WORK IS TO OCCUR.
THIS UNIT WILL BE SEPARATED INTO BUSINESS AND MERCANTILE SPACES. THE RETAIL AREA SHALL BE CLASSIFIED AS MERCANTILE SPACE, AND THE BUSINESS SPACE WILL CONTAIN THE FOLLOWING SPACES:
- SELF WASH STATION
- 2 ADA RESTROOMS
- OFFICE
- BREAKROOM
- STORAGE
- DRYING ROOM
- GROOMING ROOM
- GROOMING CHECK-IN
- DOG DAY CARE
ELECTRICAL SWITCHES, OUTLETS, LIGHTING AND HVAC UPDATES SHALL BE EXECUTED PER THE MECHANICAL ENGINEER'S PLANS.

PROJECT DESCRIPTION



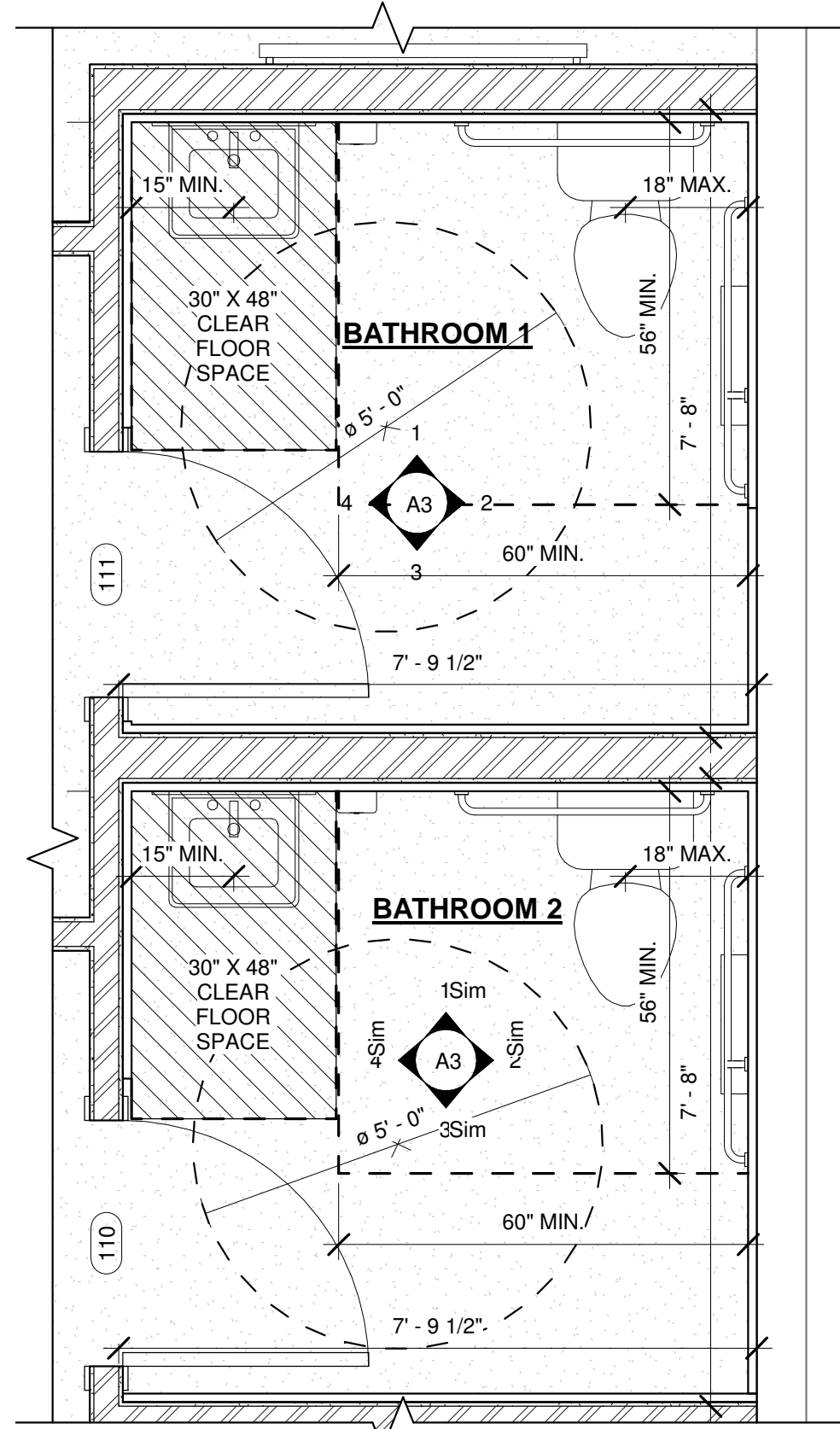
VICINITY MAP
N.T.S.



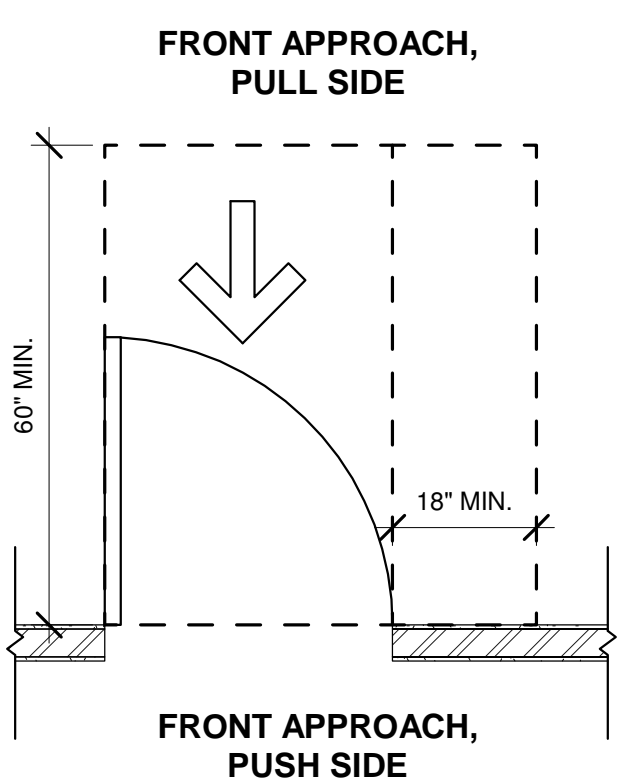
1 MAIN FLOOR AREA PLAN
1/8" = 1'-0"

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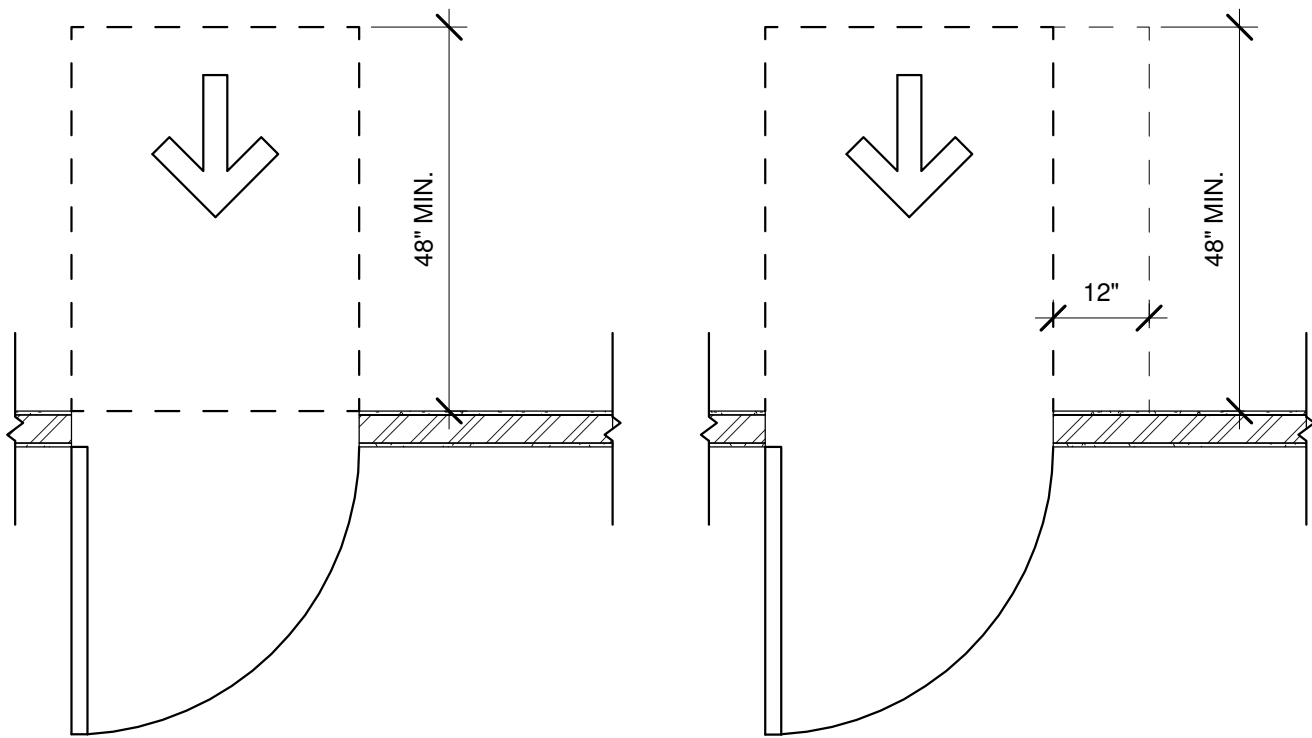
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2 ADA ACCESSIBLE RESTROOMS
1/2" = 1'-0"



FRONT APPROACH, PUSH SIDE, DOOR PROVIDED W/ BOTCH CLOSER AND LATCH



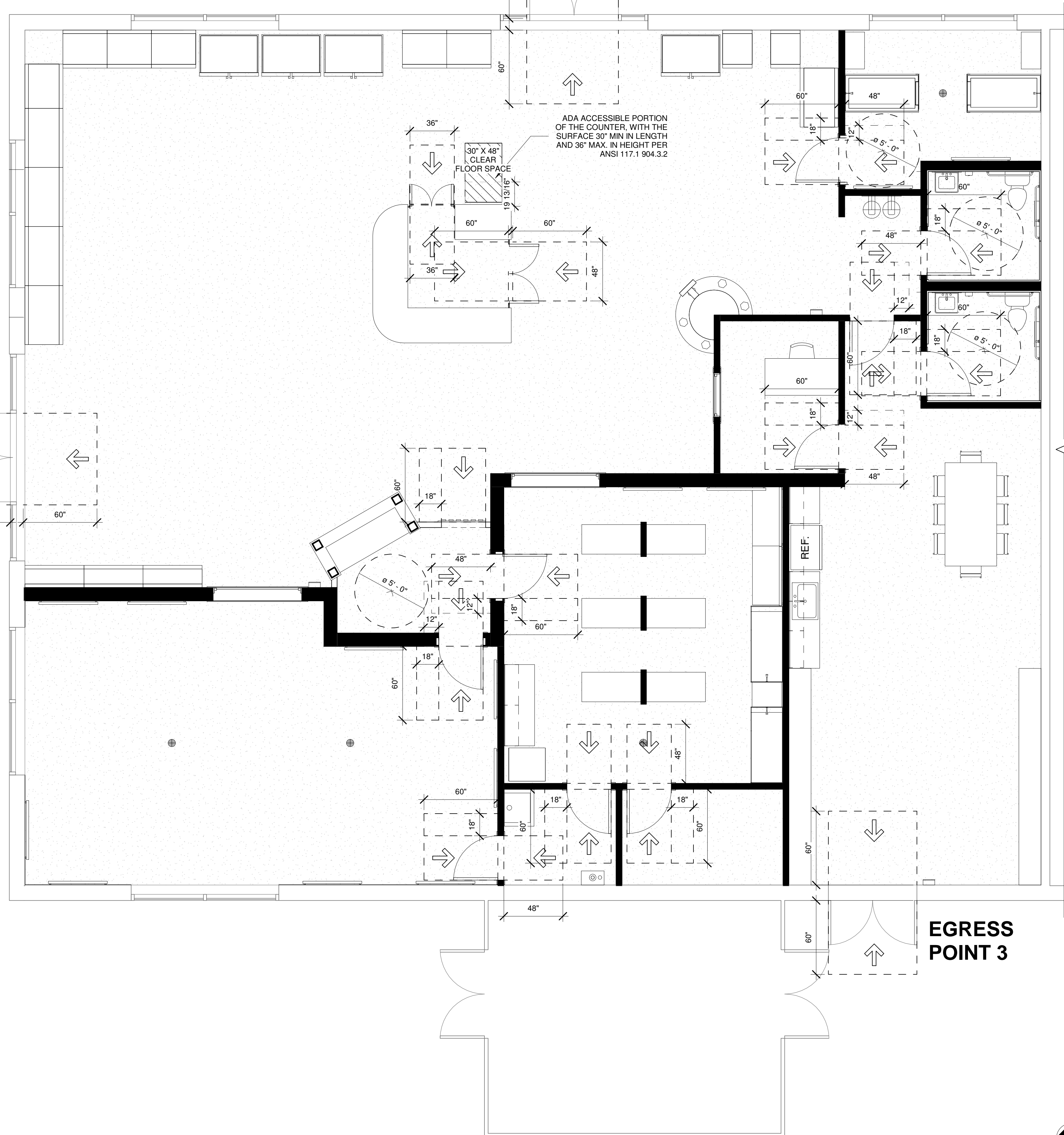
ADA ACCESS LEGEND
1/2" = 1'-0"

EGRESS POINT 1

EGRESS POINT 2

EGRESS POINT 3

1 ADA ACCESSIBLE ROUTES
1/4" = 1'-0"



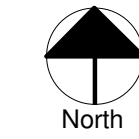
F9

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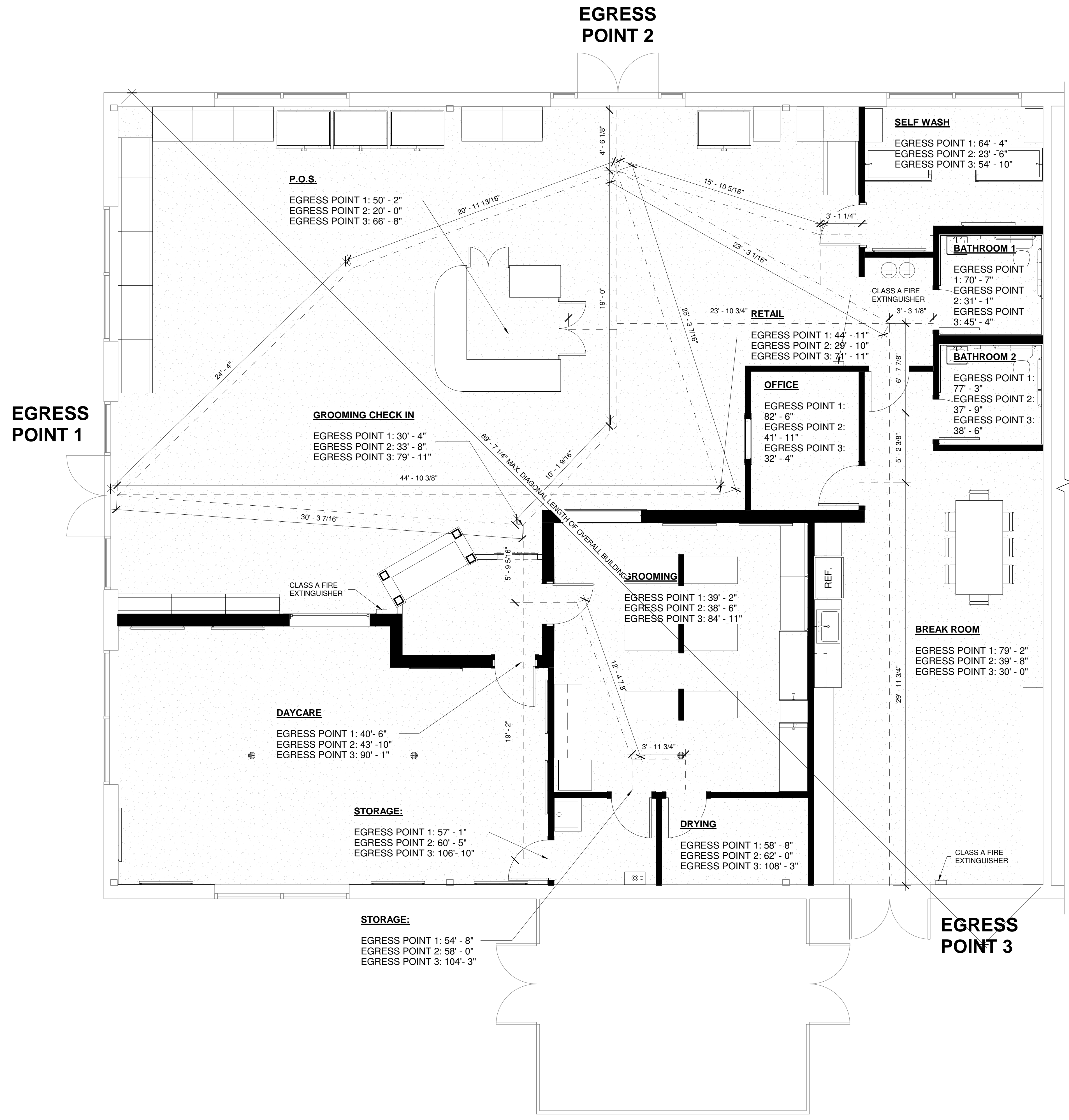
A0.2



ADA ACCESSIBLE ROUTES

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1 LIFE SAFETY AND FIRE EXTINGUISHER PLAN
1/4" = 1'-0"

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LIFE SAFETY PLANS

MAIN FLOOR DOOR SCHEDULE - EXISTING															
SECURITY/KEYSIDE	TO/FROM	INSIDE	LOCKSET	DOOR NO.	DOOR TYPE	CONSTRUCTION TYPE	DOOR MATERIAL	FRAME MATERIAL	CASING	WIDTH	HEIGHT	CLOSER	WALL STOP	HARDWARE	COMMENTS
EXTERIOR	TO	RETAIL	APARTMENT	100	DOUBLE FLUSH	6070 GLASS	BY OWNER	BY OWNER	BY OWNER	6' - 0"	7' - 0"	YES	NO	BY OWNER	
EXTERIOR	TO	RETAIL	APARTMENT	101	DOUBLE FLUSH	6070 GLASS	BY OWNER	BY OWNER	BY OWNER	6' - 0"	7' - 0"	YES	NO	BY OWNER	
EXTERIOR	TO	STORAGE	APARTMENT	102	SINGLE FLUSH	6080	BY OWNER	BY OWNER	BY OWNER	6' - 0"	8' - 0"	YES	NO	BY OWNER	

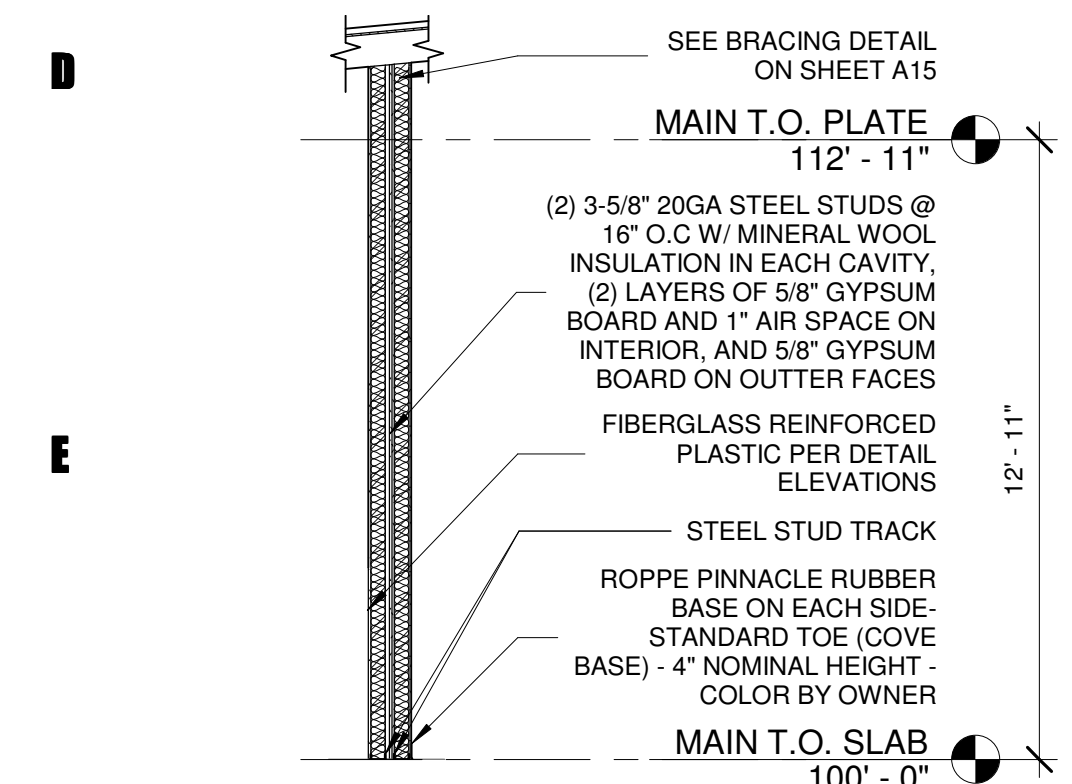
Grand total: 3

MAIN FLOOR DOOR SCHEDULE - NEW															
SECURITY/KEYSIDE	TO/FROM	INSIDE	LOCKSET	DOOR NO.	DOOR TYPE	CONSTRUCTION TYPE	DOOR MATERIAL	FRAME MATERIAL	CASING	WIDTH	HEIGHT	CLOSER	WALL STOP	HARDWARE	COMMENTS
GROOMING CHECK IN	TO	DAY CARE	CLASSROOM SECURITY	104	SINGLE FLUSH	3068 W/ LITE	METAL	HOLLOW METAL	HOLLOW METAL	3' - 0"	6' - 8"	YES	YES	FALCON W	TEMPERED
GROOMING CHECK IN	TO	GROOMING	CLASSROOM SECURITY	105	SINGLE FLUSH	3068 W/ LITE	METAL	HOLLOW METAL	HOLLOW METAL	3' - 0"	6' - 8"	YES	NO	FALCON W	TEMPERED
GROOMING	TO	STORAGE	STOREROOM	106	SINGLE FLUSH	3068	METAL	HOLLOW METAL	HOLLOW METAL	3' - 0"	6' - 8"	NO	NO	FALCON W	
DAYCARE	TO	STORAGE	STOREROOM	107	SINGLE FLUSH	3068	METAL	HOLLOW METAL	HOLLOW METAL	3' - 0"	6' - 8"	NO	YES	FALCON W	
BREAKROOM	TO	OFFICE	PRIVACY	108	SINGLE FLUSH	3068	METAL	HOLLOW METAL	HOLLOW METAL	3' - 0"	6' - 8"	NO	YES	FALCON W	
RETAIL	TO	BREAKROOM	CLASSROOM SECURITY	109	SINGLE FLUSH	3068	METAL	HOLLOW METAL	HOLLOW METAL	3' - 0"	6' - 8"	YES	NO	FALCON W	
BREAKROOM	TO	BATHROOM 2	PUBLIC RESTROOM	110	SINGLE FLUSH	3068	METAL	HOLLOW METAL	HOLLOW METAL	3' - 0"	6' - 8"	NO	NO	FALCON W	
RETAIL	TO	BATHROOM 1	PUBLIC RESTROOM	111	SINGLE FLUSH	3068	METAL	HOLLOW METAL	HOLLOW METAL	3' - 0"	6' - 8"	NO	NO	FALCON W	
RETAIL	TO	DIY WASH	CLASSROOM SECURITY	112	SINGLE FLUSH	3068 W/ LITE	METAL	HOLLOW METAL	HOLLOW METAL	3' - 0"	6' - 8"	YES	NO	FALCON W	TEMPERED
GROOMING	TO	DRYING	PASSAGE	113	SINGLE FLUSH	3068	METAL	HOLLOW METAL	HOLLOW METAL	3' - 0"	6' - 8"	NO	YES	FALCON W	
RETAIL	TO	POS	PASSAGE	114	SALOON	3030	BY OWNER	BY OWNER	BY OWNER	3' - 0"	3' - 0"	YES	NO	NONE	
RETAIL	TO	POS	PASSAGE	115	SALOON	4030	BY OWNER	BY OWNER	BY OWNER	4' - 0"	3' - 0"	YES	NO	NONE	
RETAIL	TO	UPPER STORAGE	PASSAGE	116	BARN	1630	BARNWOOD	BY OWNER	BY OWNER	1' - 6"	3' - 0"	NO	NO	BY OWNER	
RETAIL	TO	UPPER STORAGE	PASSAGE	117	BARN	1630	BARNWOOD	BY OWNER	BY OWNER	1' - 6"	3' - 0"	NO	NO	BY OWNER	

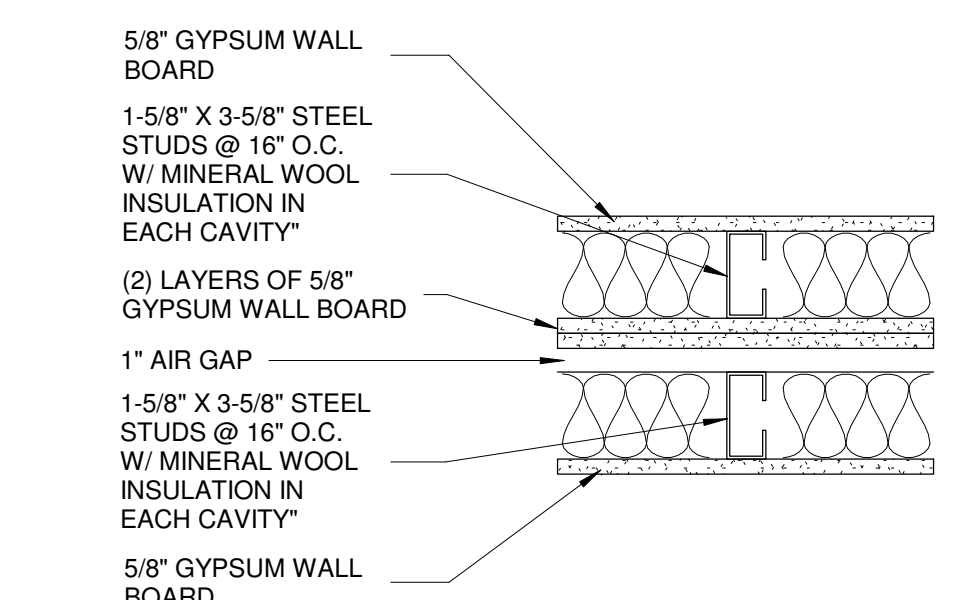
Grand total: 14

MAIN FLOOR WINDOW SCHEDULE - NEW							
TYPE MARK	TYPE	WIDTH	HEIGHT	SILL HEIGHT	HEAD HEIGHT	COMMENTS	
A	Fixed 36" x 36"	3' - 0"	3' - 0"	3' - 8"	6' - 8"	SEMI-TRANSPARENT FILM TO BE APPLIED	
B	Fixed 72" x 36"	6' - 0"	3' - 0"	4' - 0"	7' - 0"		
B	Fixed 72" x 36"	6' - 0"	3' - 0"	4' - 0"	7' - 0"		

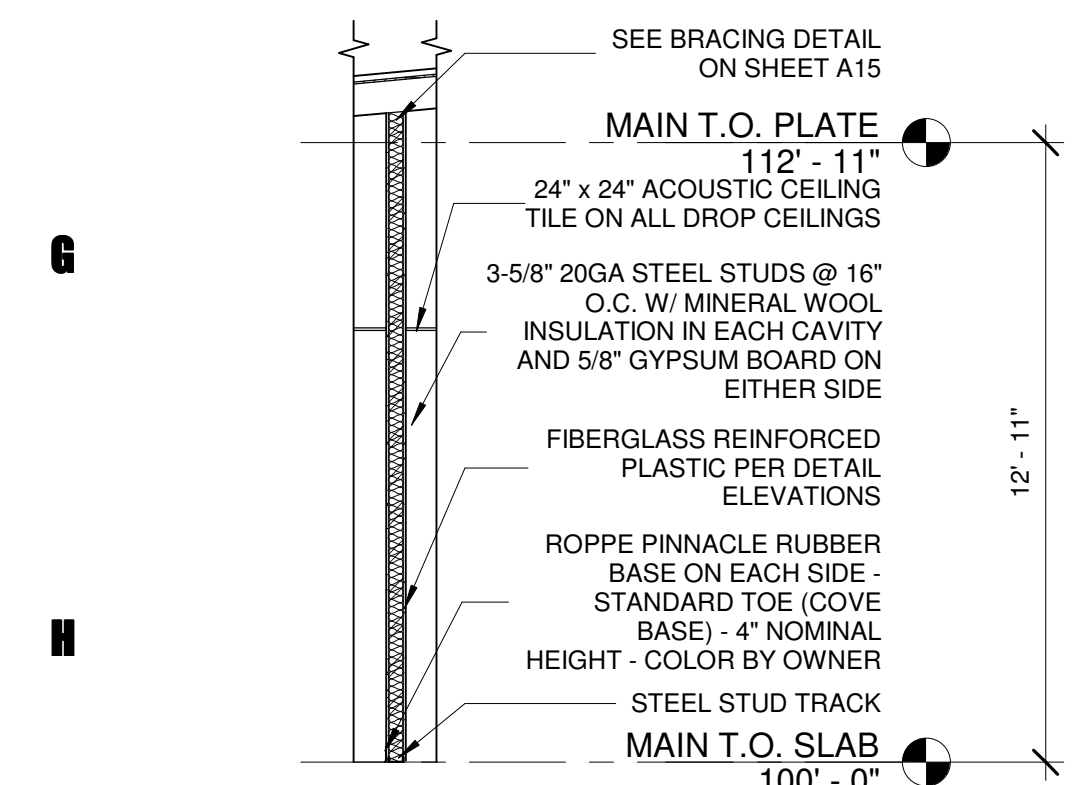
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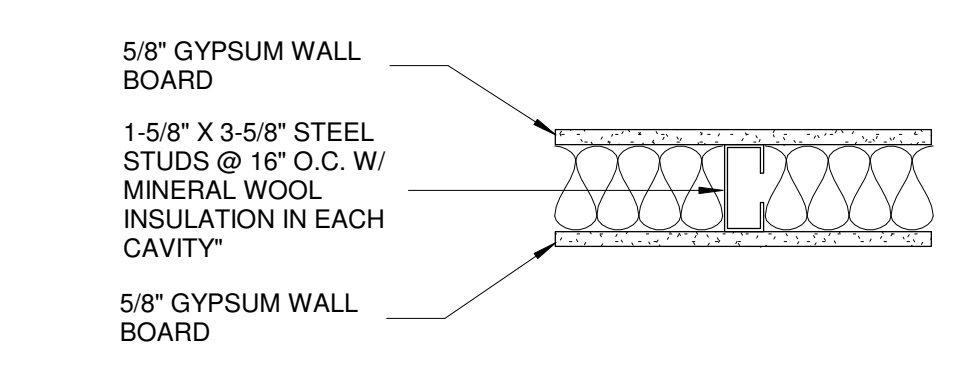
2 P1 - PARTITION WALL SECTION
1/4" = 1'-0"



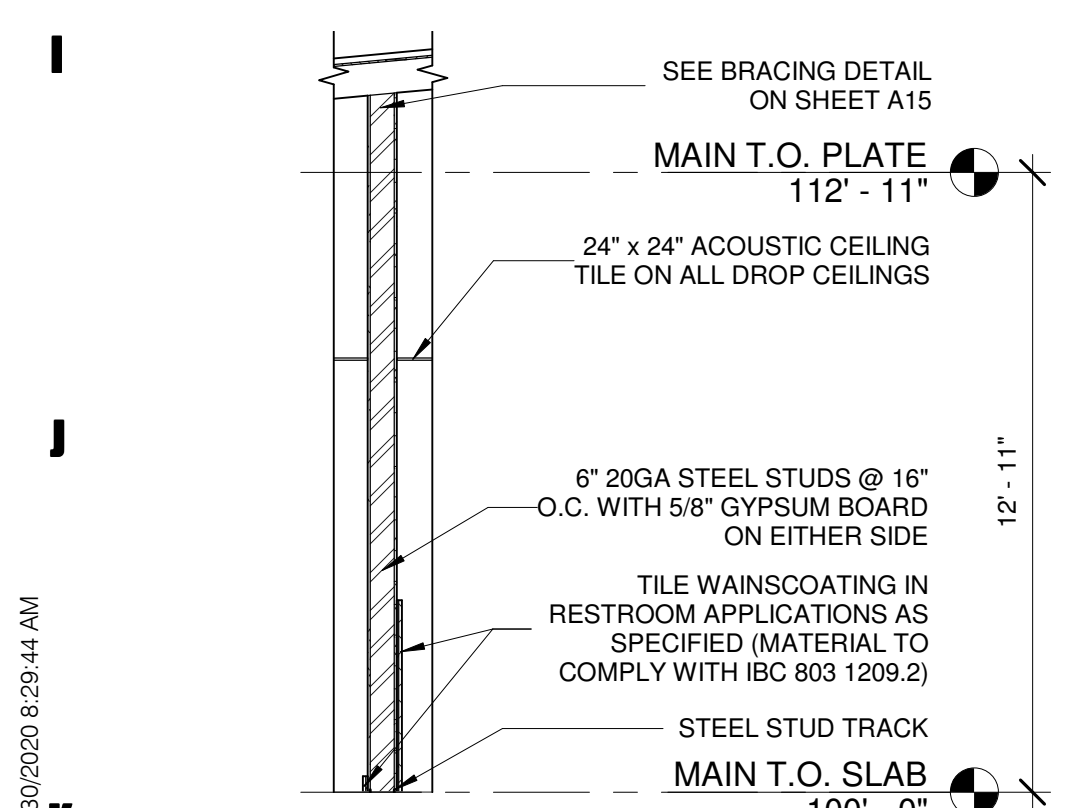
PARTITION TYPE 1 LEGEND
1 1/2" = 1'-0"



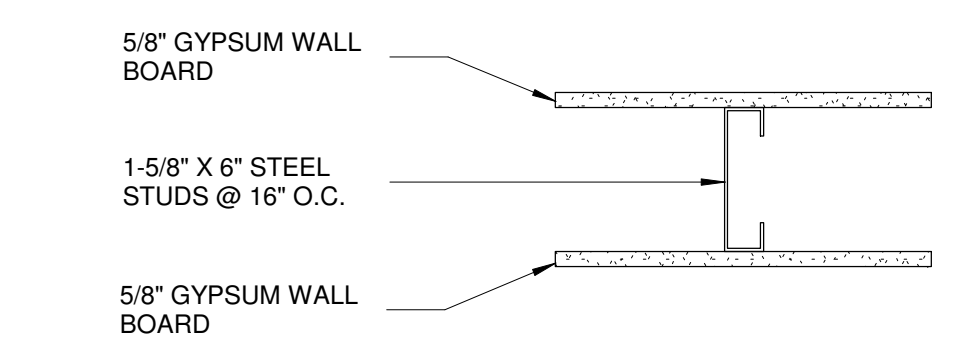
3 P2 - PARTITION WALL SECTION
1/4" = 1'-0"



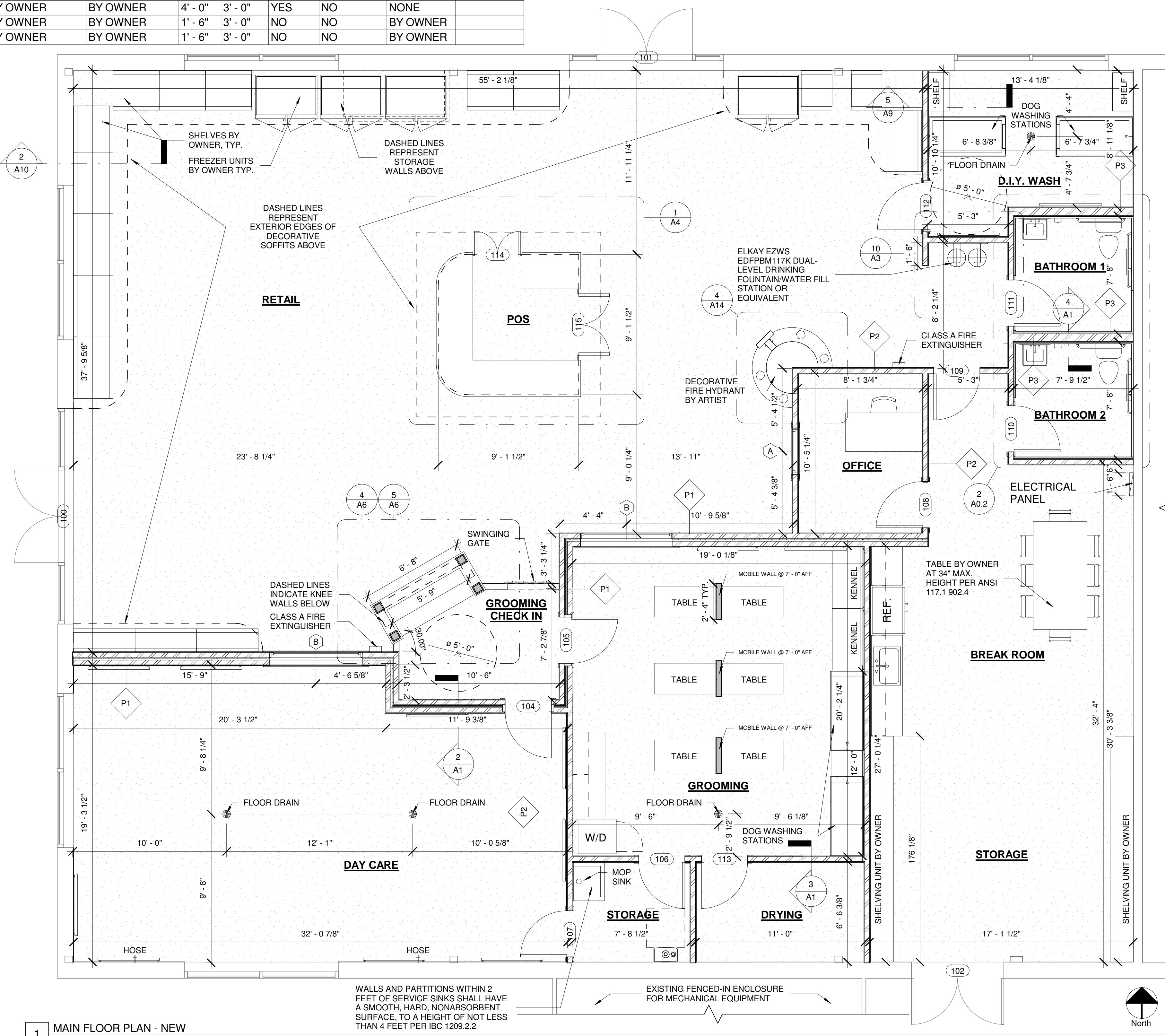
PARTITION TYPE 2 LEGEND
1 1/2" = 1'-0"



4 P3 - PARTITION WALL SECTION
1/4" = 1'-0"



PARTITION TYPE 3 LEGEND
1 1/2" = 1'-0"



1 MAIN FLOOR PLAN - NEW
1/4" = 1'-0"

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A1
MAIN FLOOR PLAN

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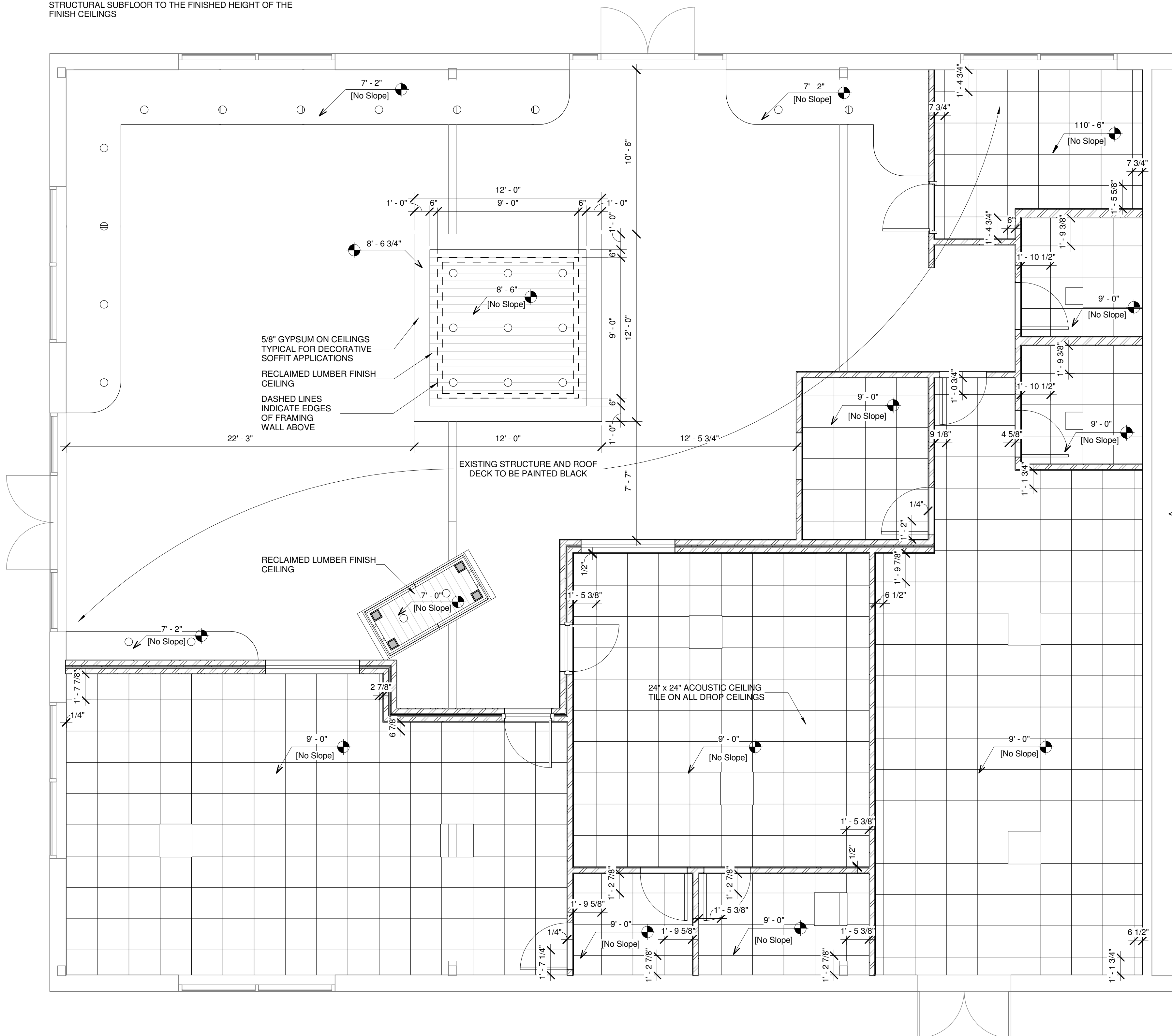
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NOTE: ALL HEIGHTS ARE MEASURED FROM THE TOP OF STRUCTURAL SUBFLOOR TO THE FINISHED HEIGHT OF THE FINISH CEILINGS



1 MAIN FLOOR - REFLECTED CEILING PLAN - NEW
1/4" = 1'-0"

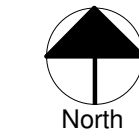
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A2



REFLECTED CEILING PLAN

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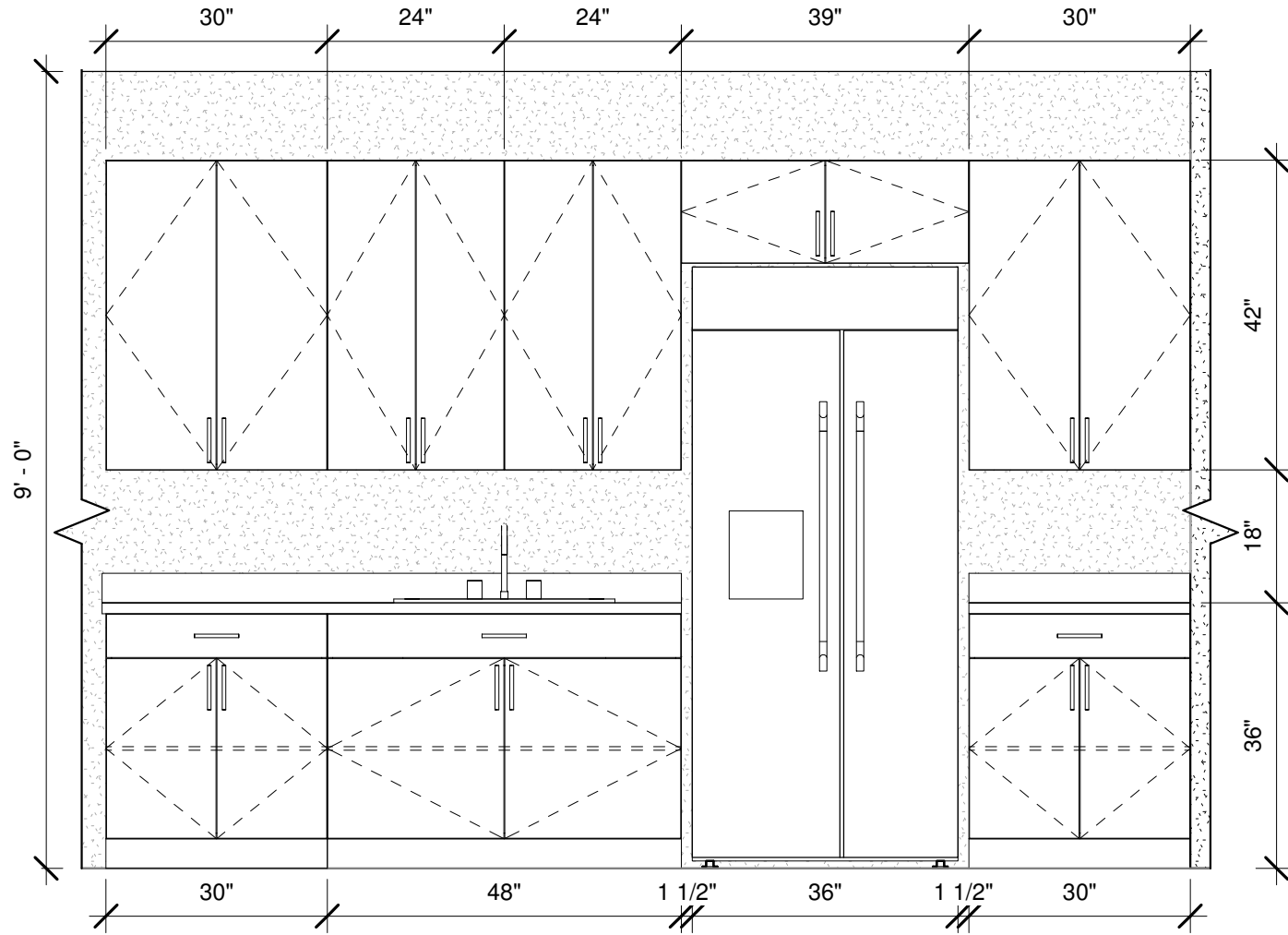
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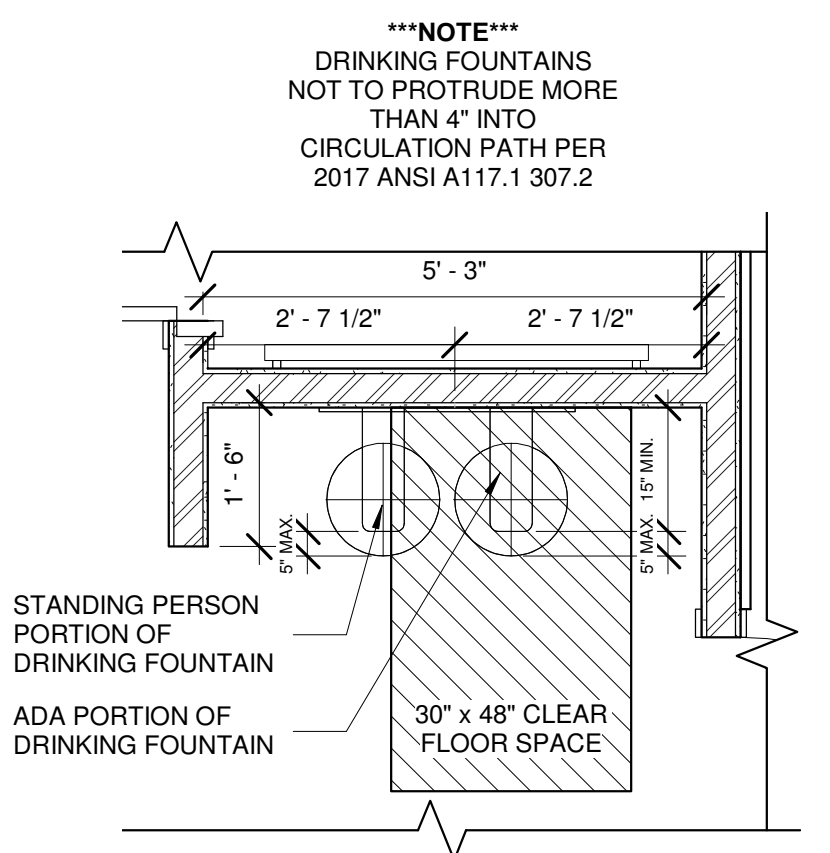
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A3

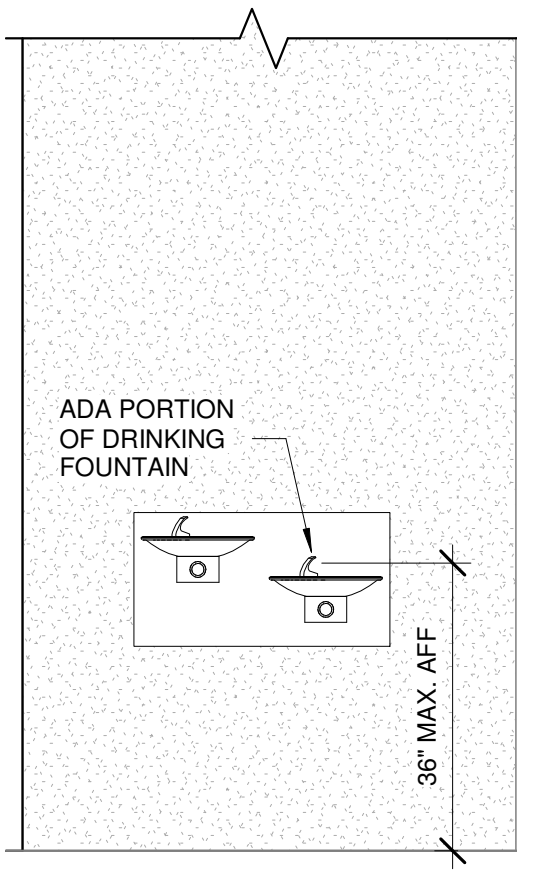
DETAILS AND INTERIOR ELEVATIONS



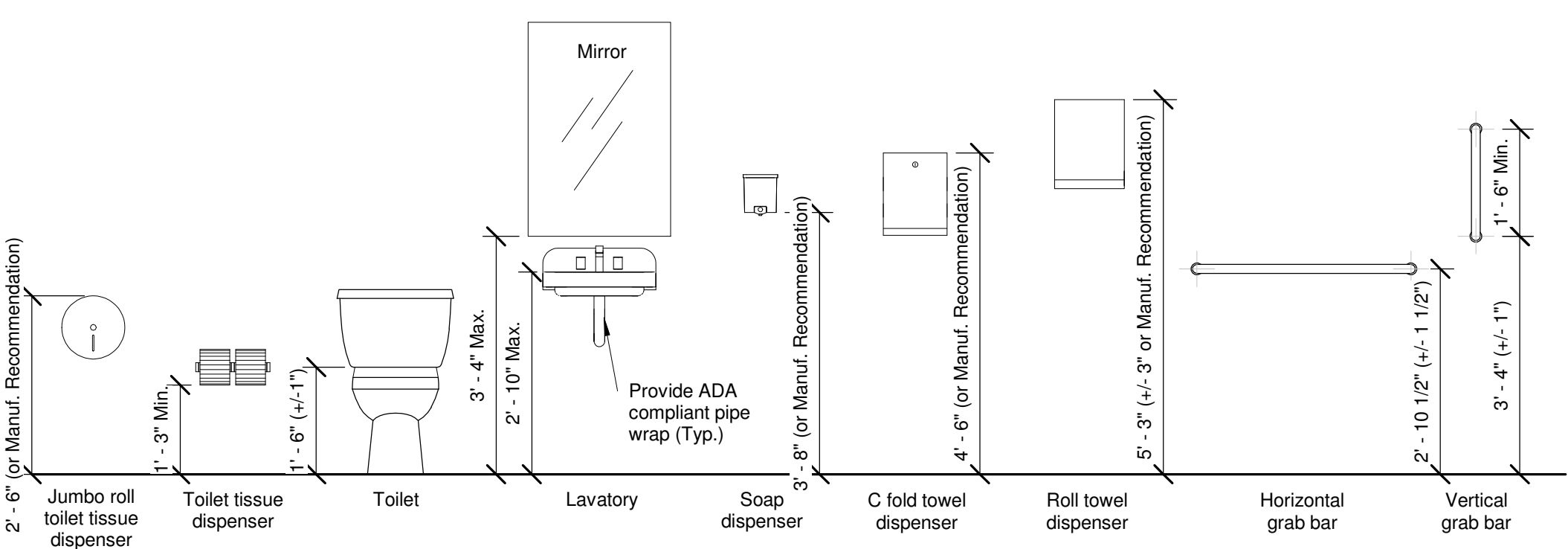
5 BREAKROOM - ELEVATION 1
1/2" = 1'-0"



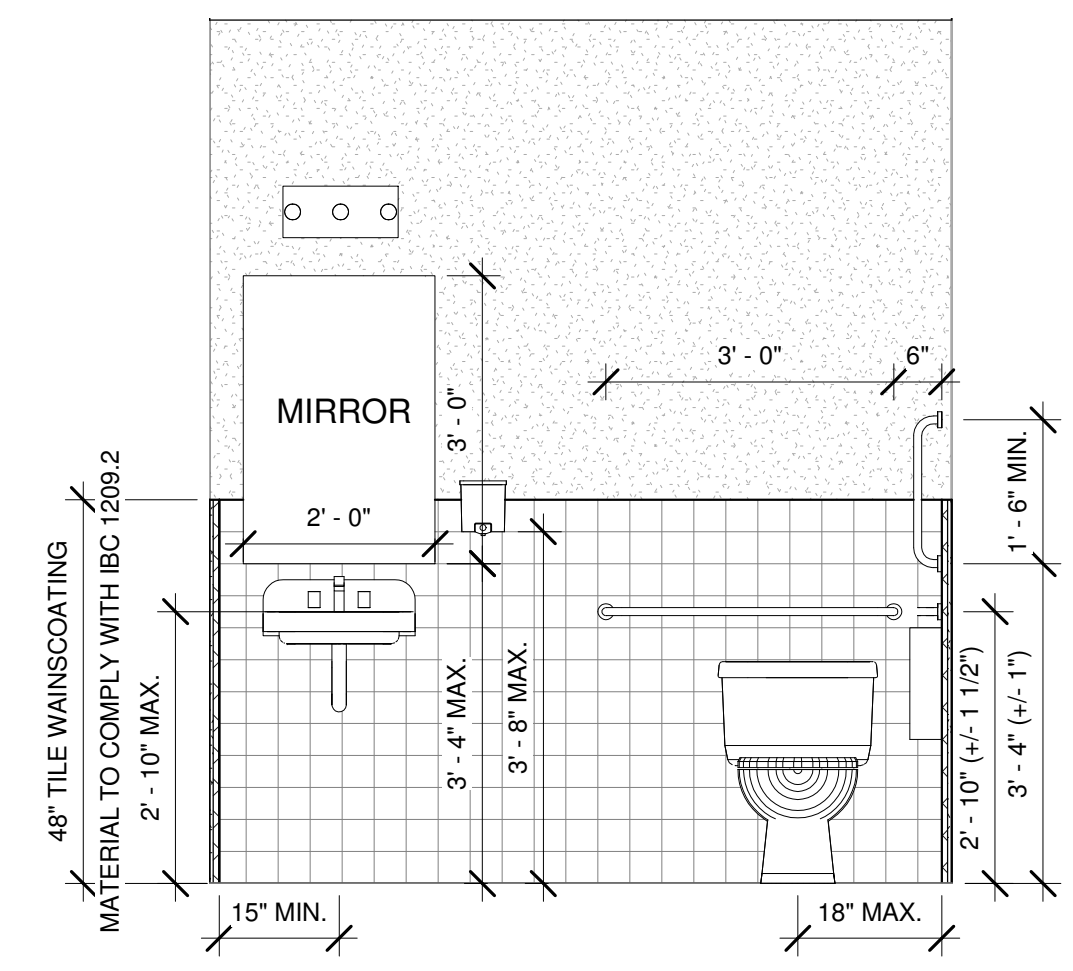
10 DRINKING FOUNTAIN DETAIL
1/2" = 1'-0"



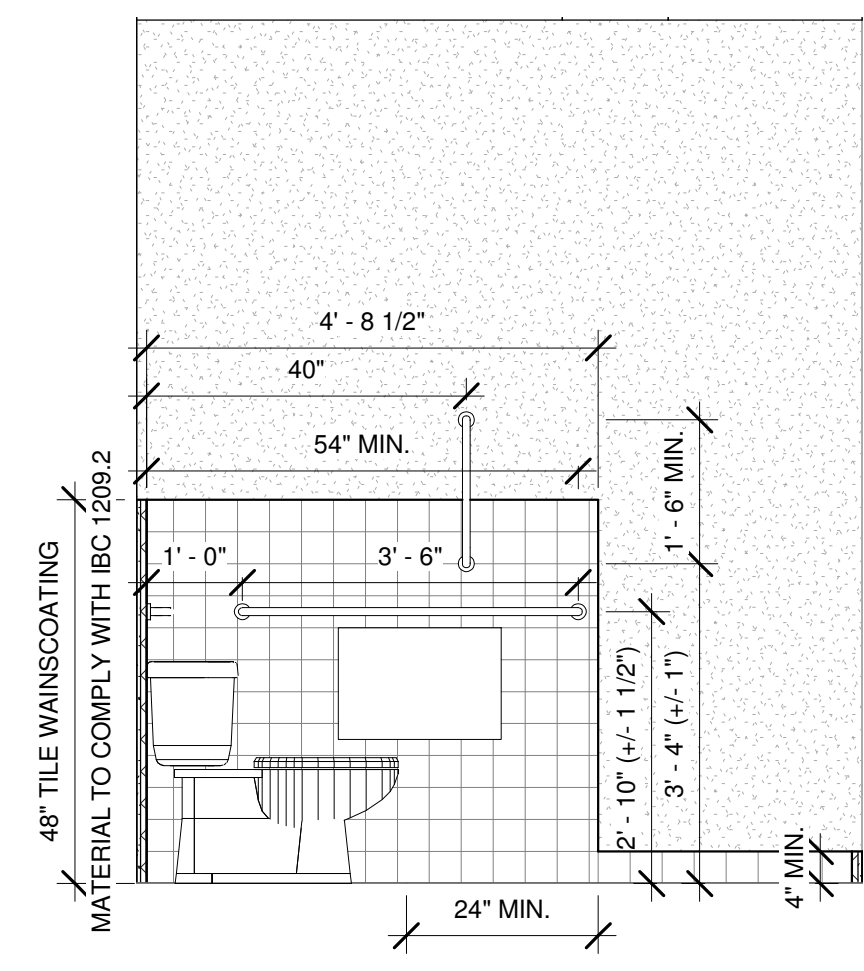
9 DRINKING FOUNTAIN ELEVATION
1/2" = 1'-0"



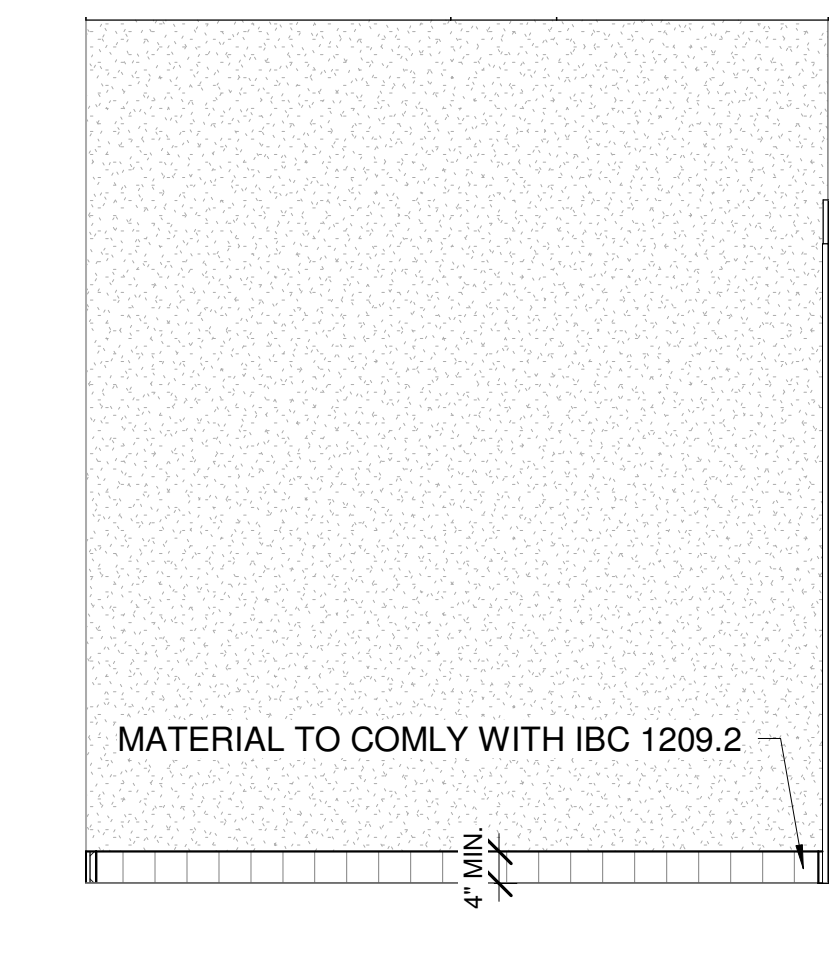
PLUMBING FIXTURE HEIGHTS
1/2" = 1'-0"



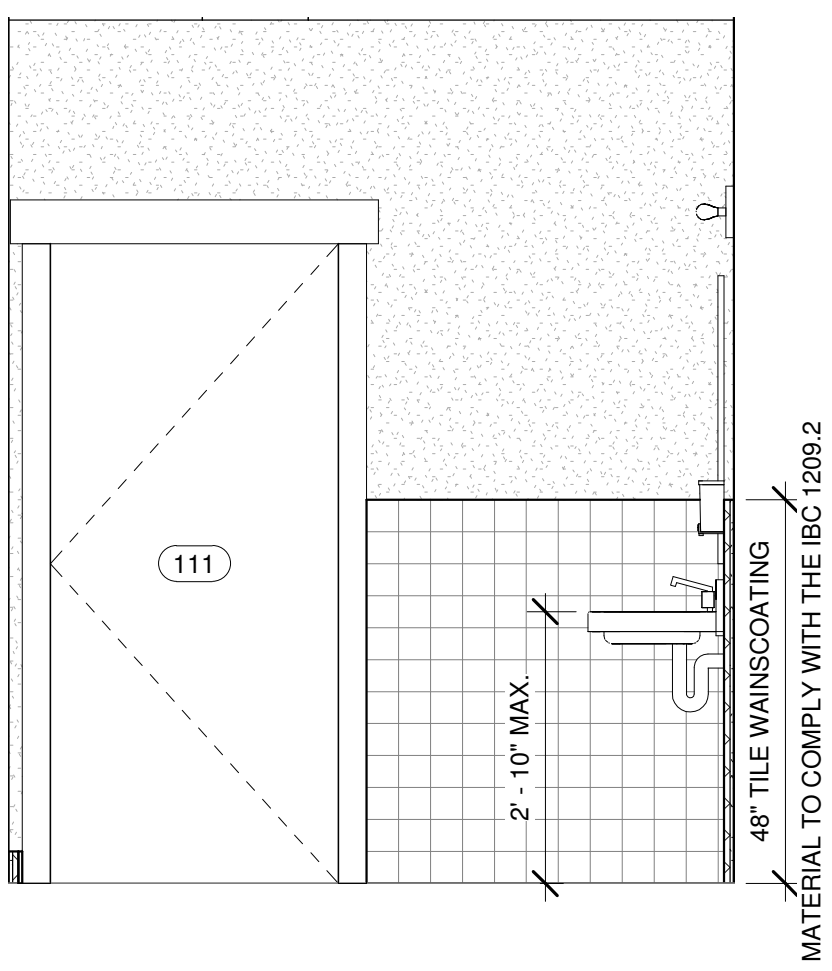
1 ADA RESTROOM 1 - ELEVATION 1
1/2" = 1'-0"



2 ADA RESTROOM 1 - ELEVATION 2
1/2" = 1'-0"



3 ADA RESTROOM 1 - ELEVATION 3
1/2" = 1'-0"



4 ADA RESTROOM 1 - ELEVATION 4
1/2" = 1'-0"

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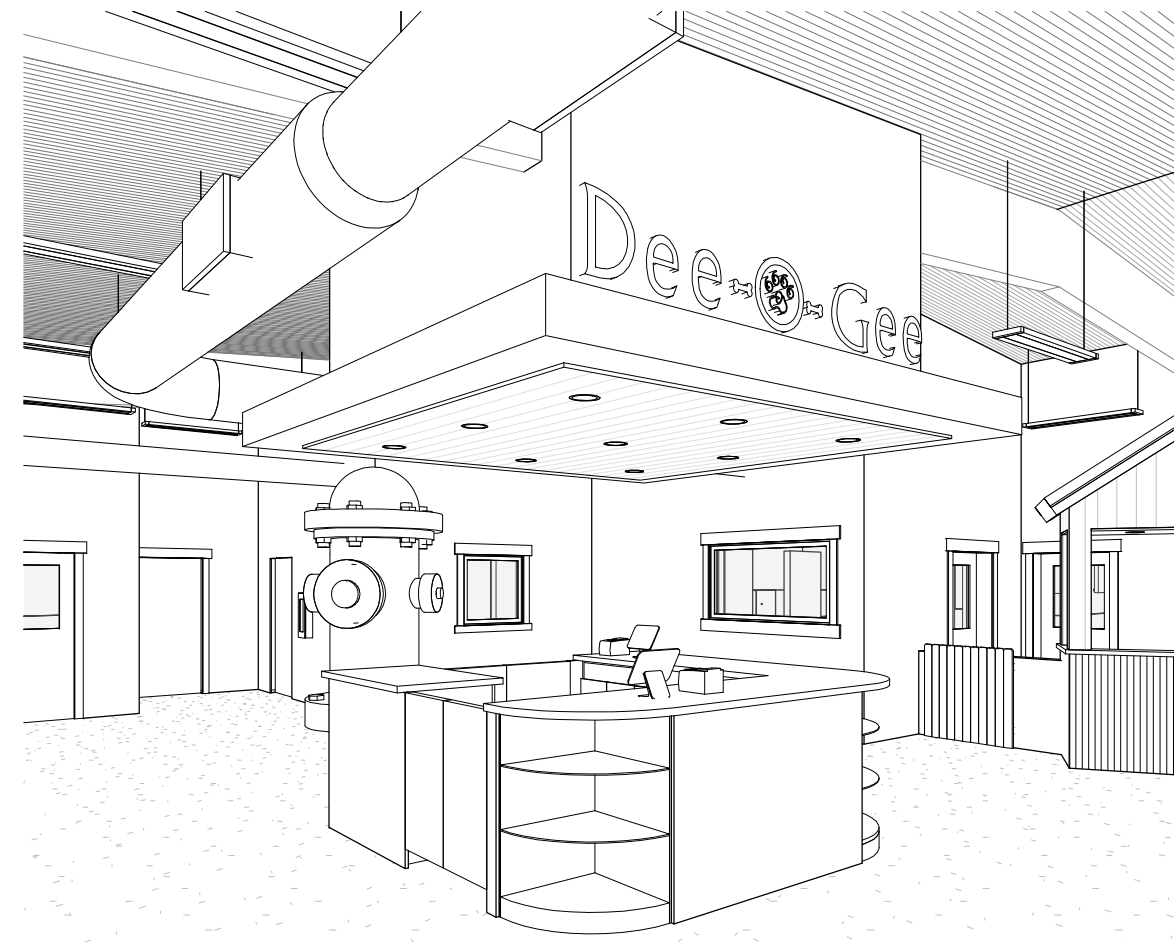
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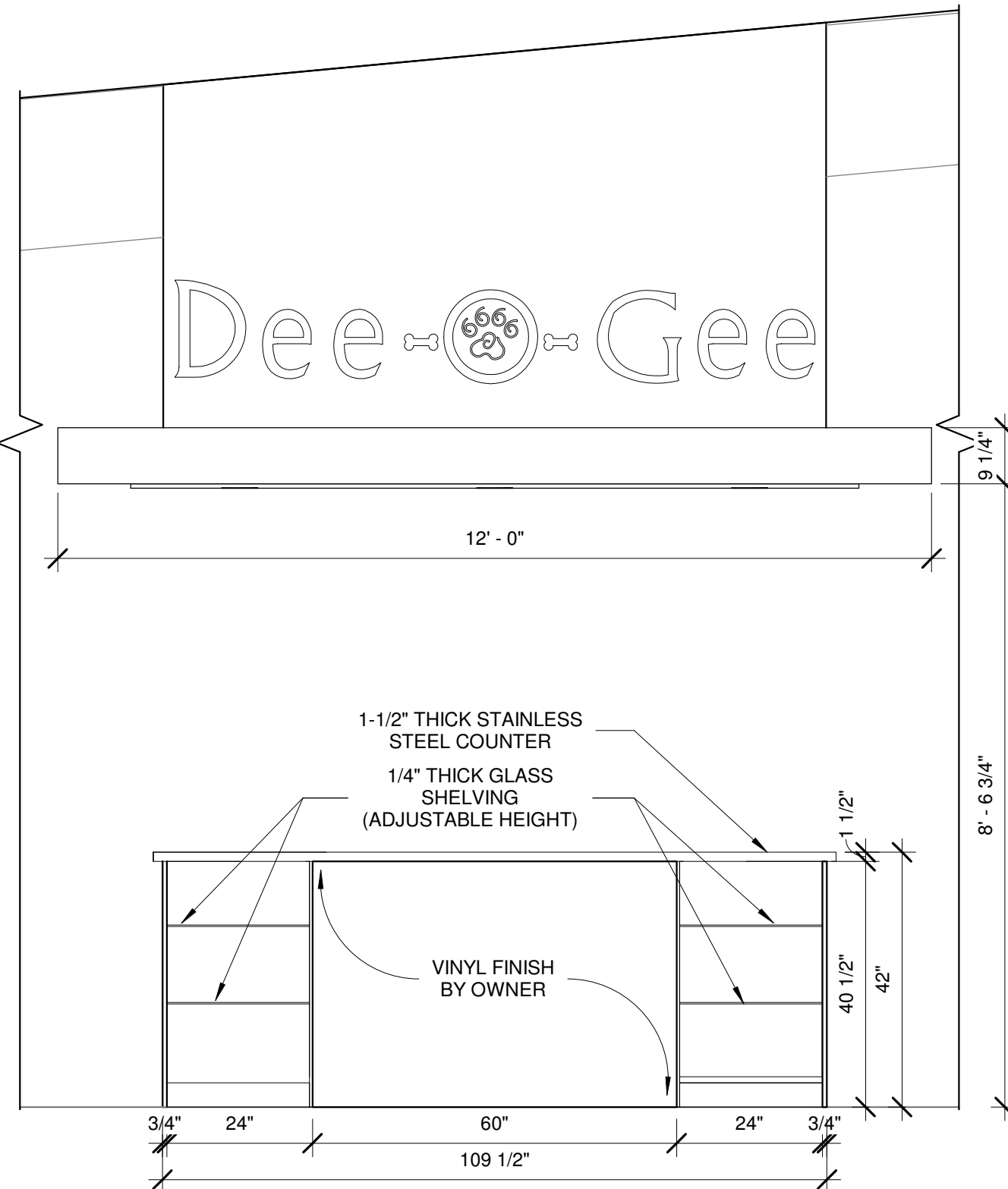
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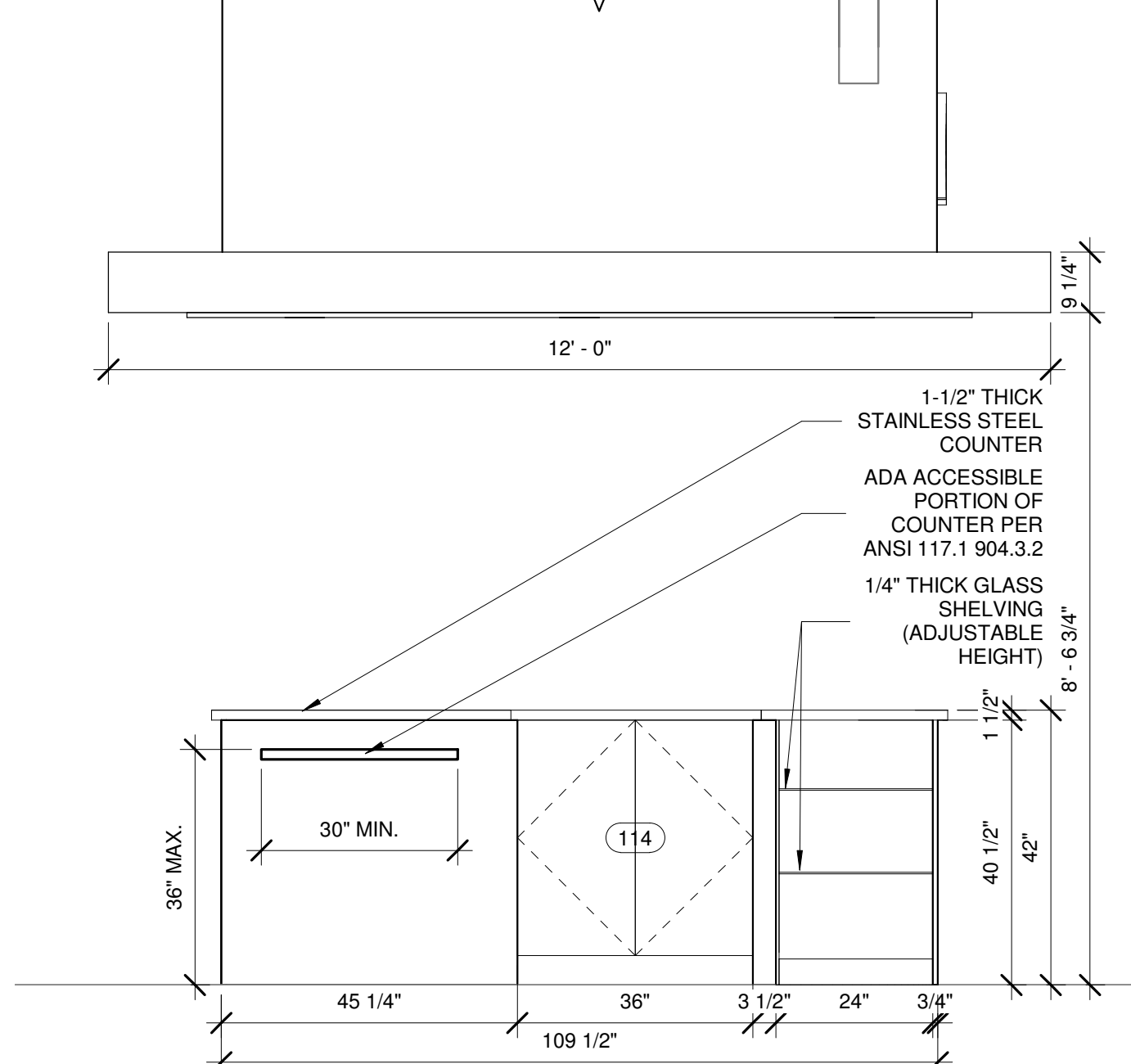
13 3D PERSPECTIVE P.O.S. SOUTHEAST



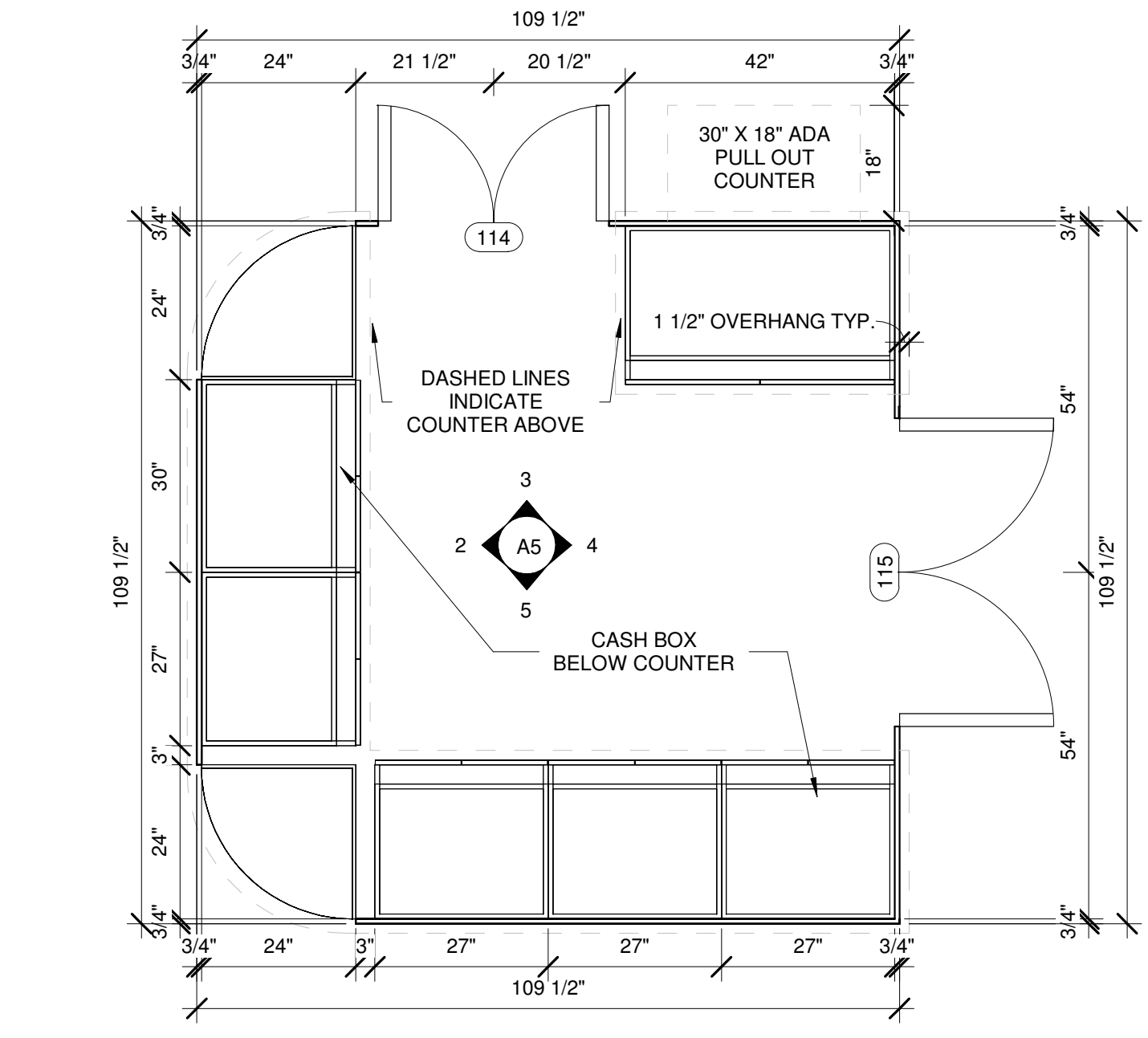
8 POS STATION EXTERIOR - ELEVATION 1
1/2" = 1'-0"



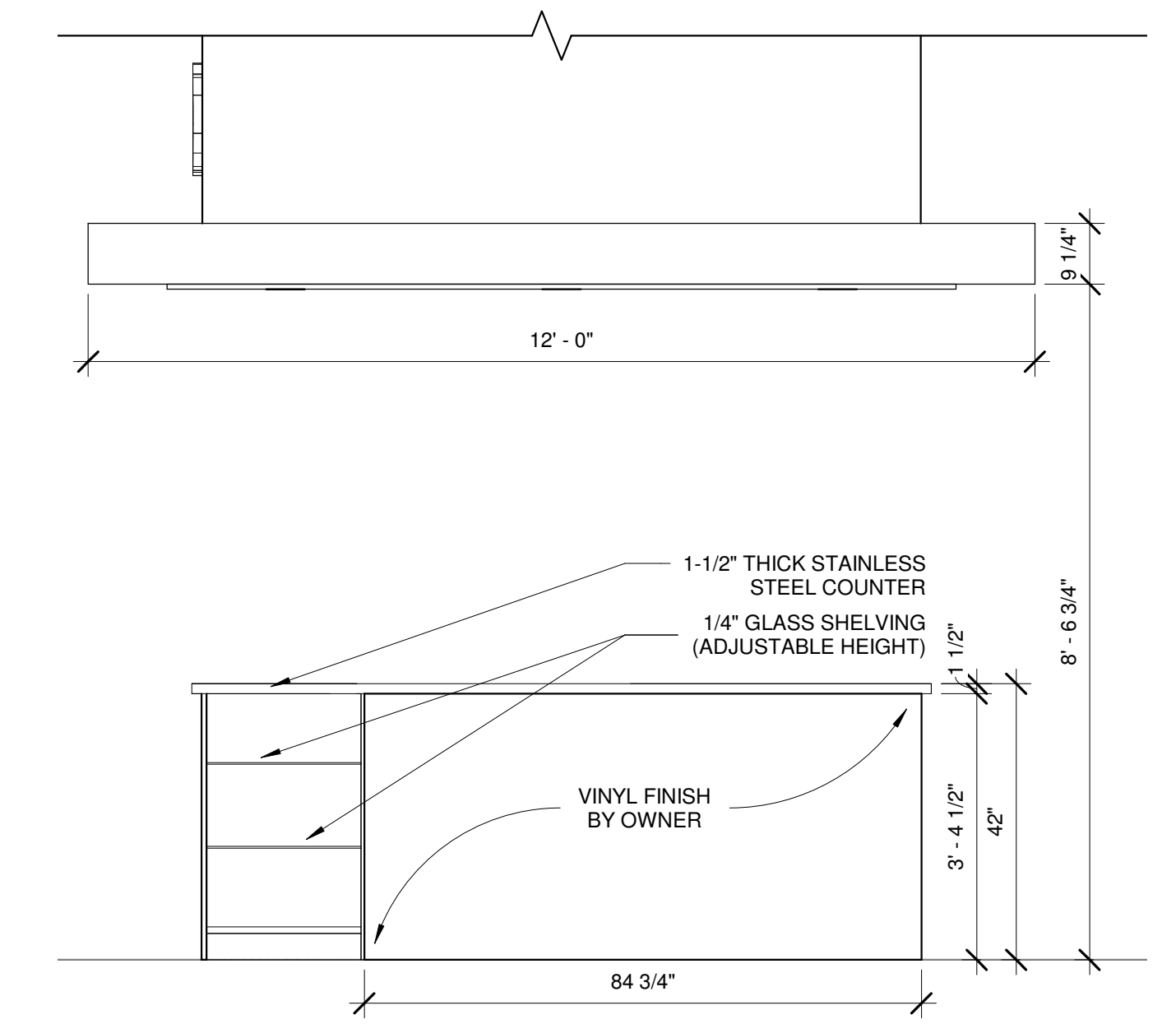
11 3D PERSPECTIVE P.O.S. NORTHEAST



2 POS STATION EXTERIOR - ELEVATION 3
1/2" = 1'-0"



1 POINT OF SALE CALLOUT
1/2" = 1'-0"



6 POS STATION EXTERIOR - ELEVATION 2
1/2" = 1'-0"

A4

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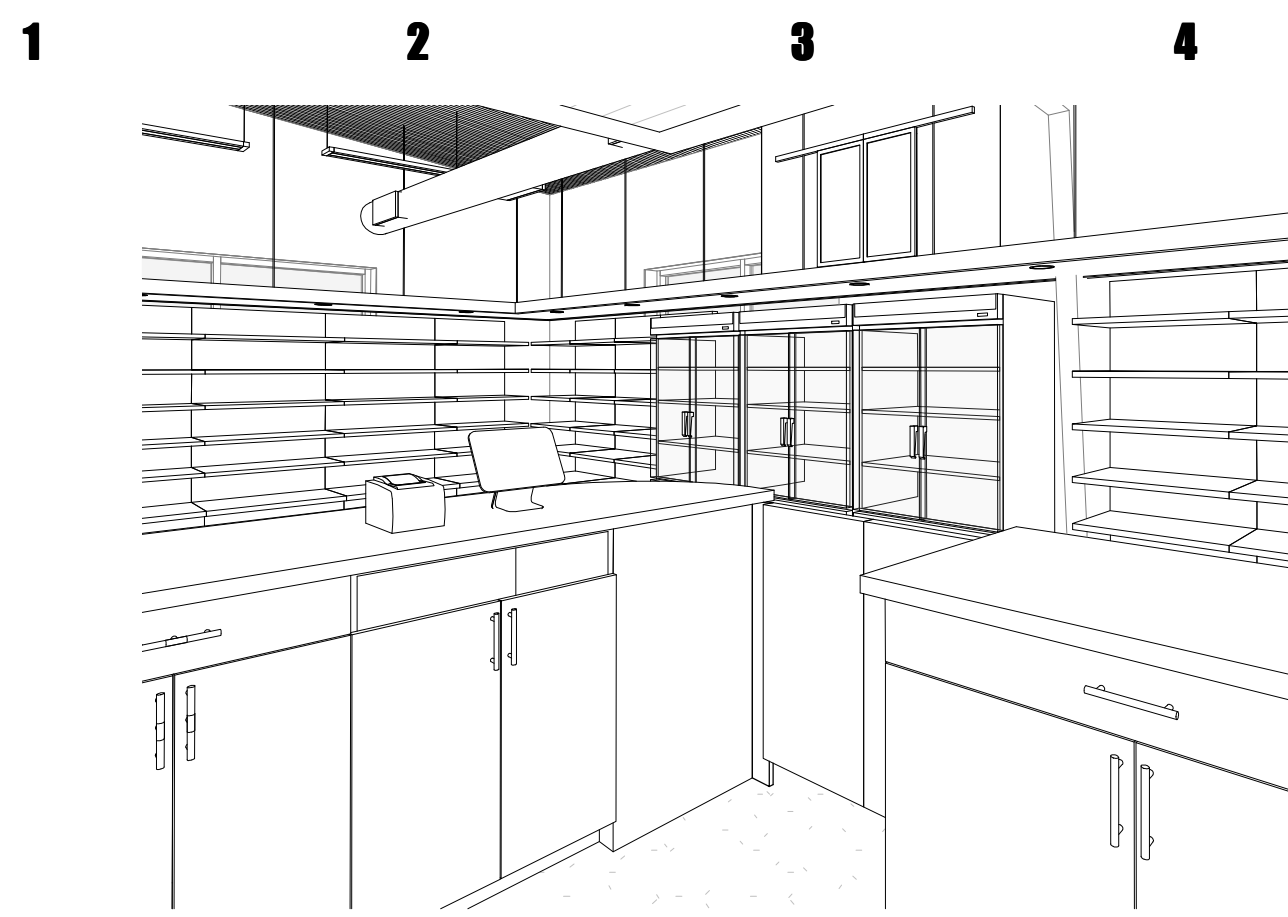
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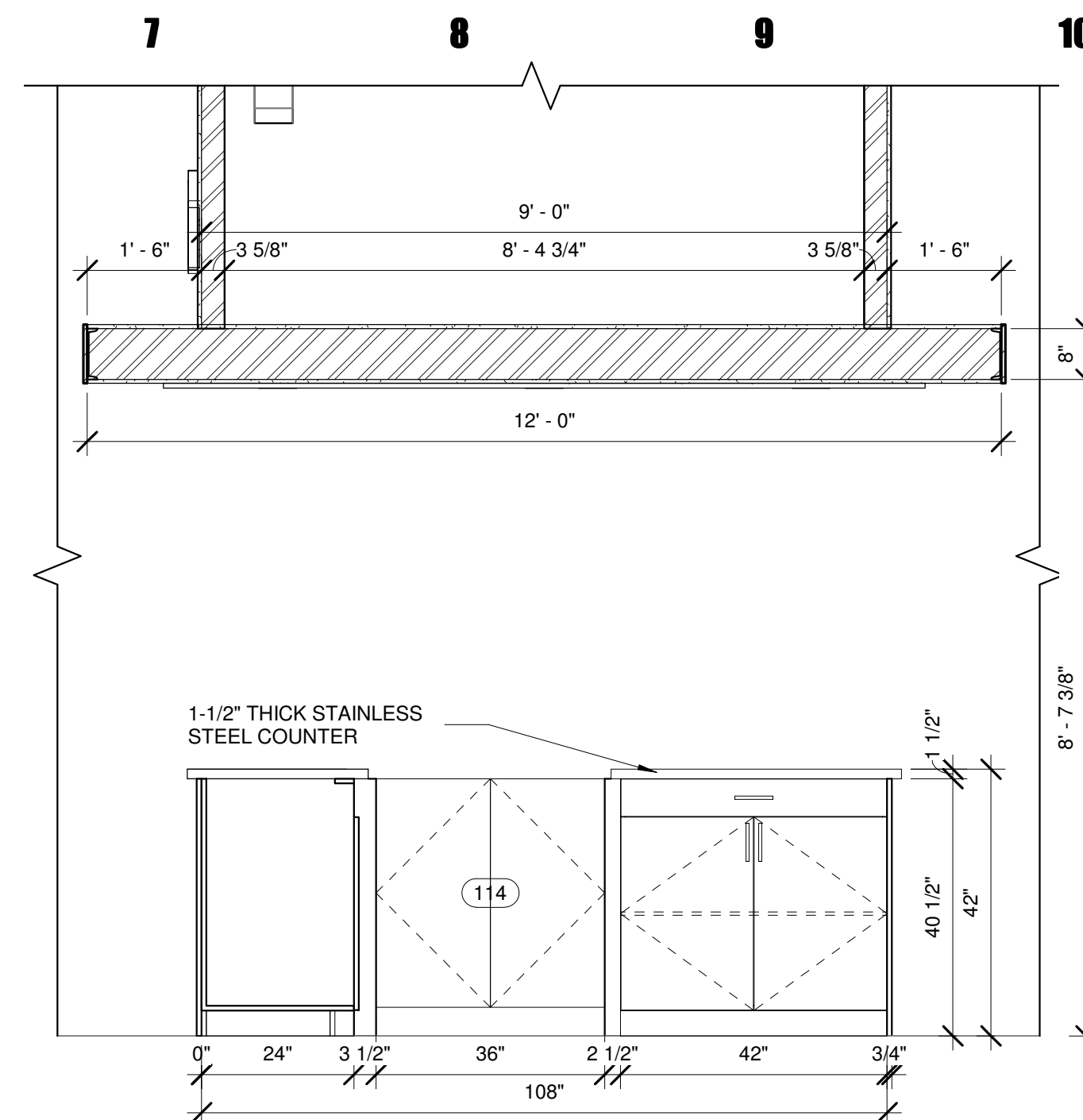
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A4

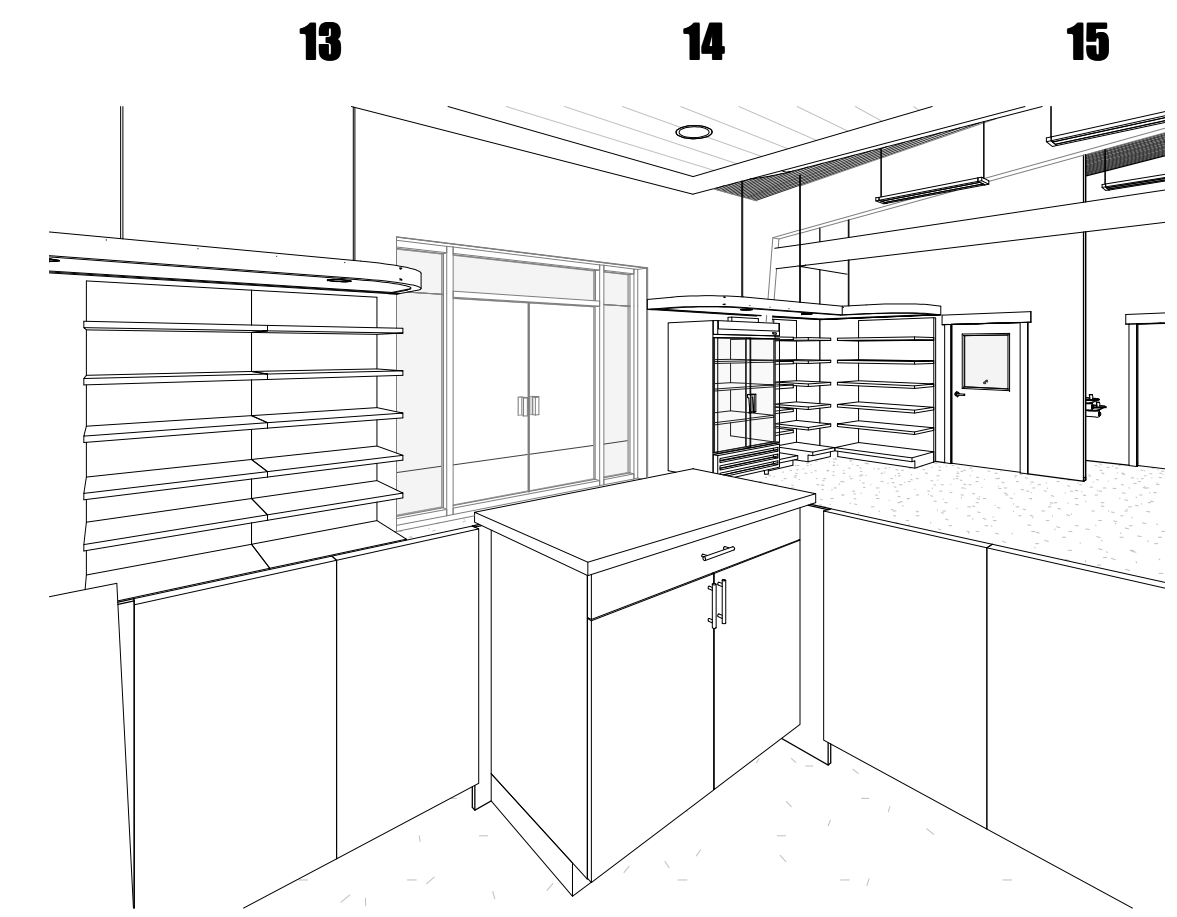
POINT OF SALE EXTERIOR ELEVATION DETAILS



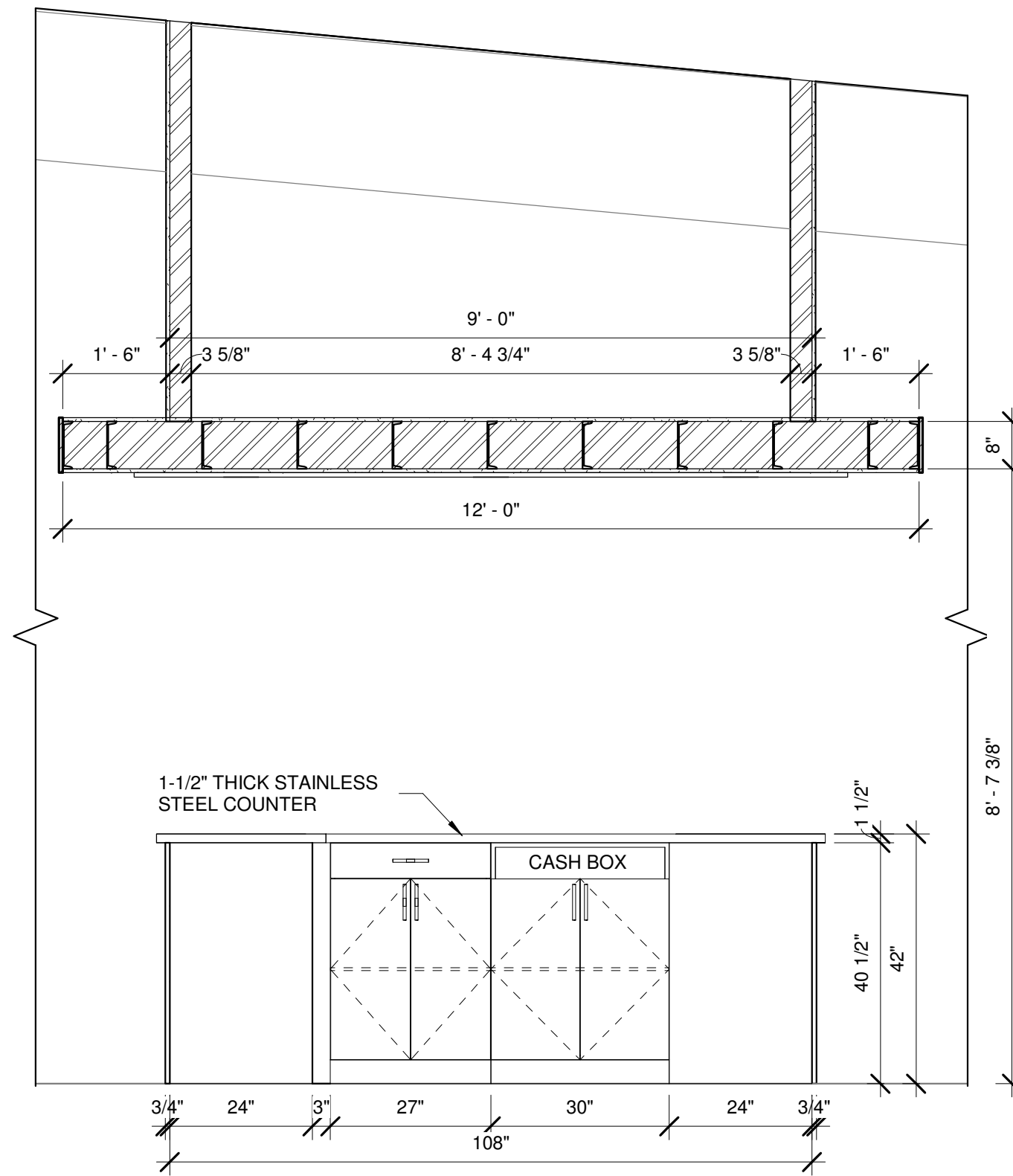
9 3D PERSPECTIVE P.O.S. INTERIOR NORTHWEST



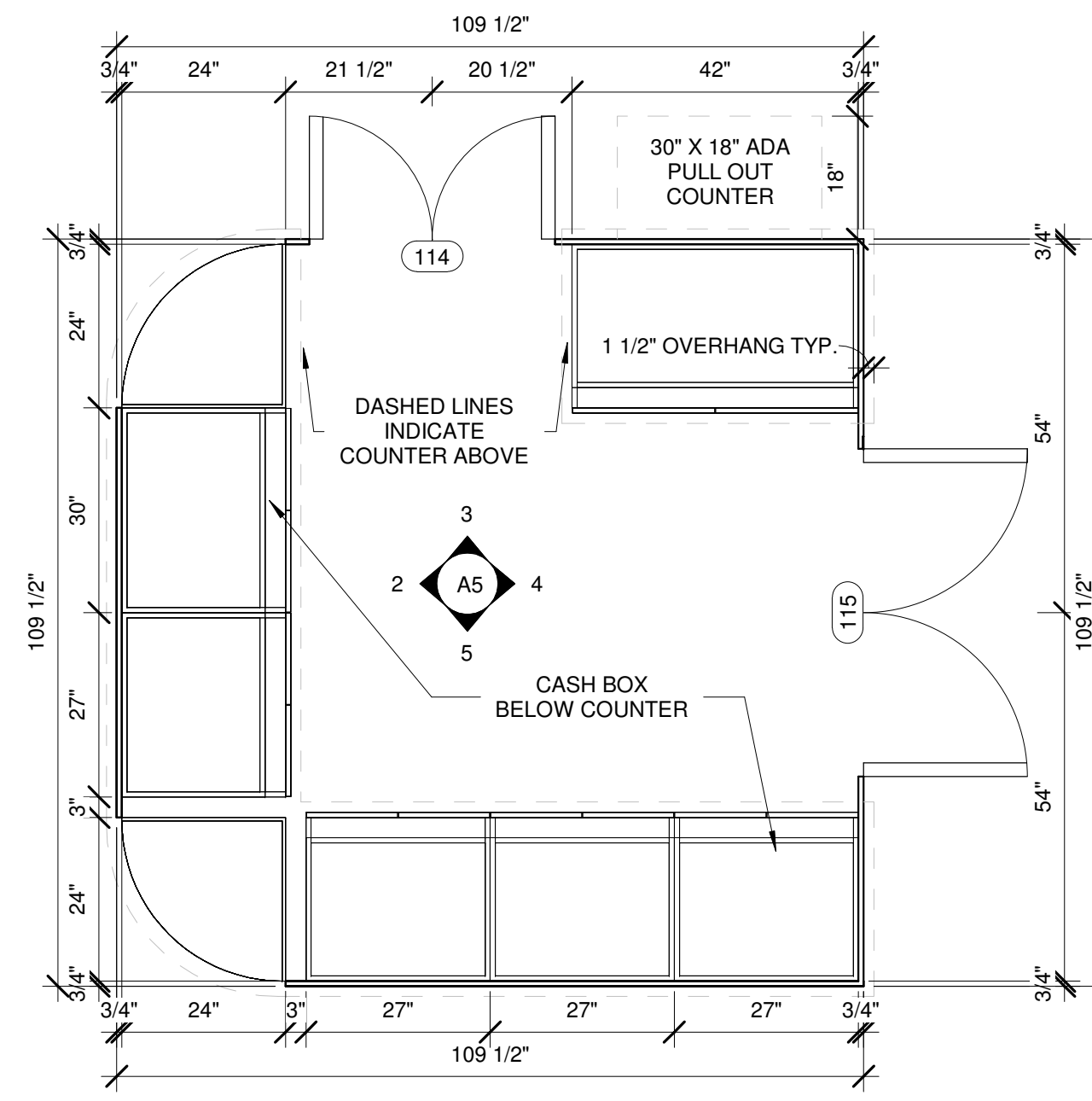
3 POS STATION INTERIOR - ELEVATION 2
1/2" = 1'-0"



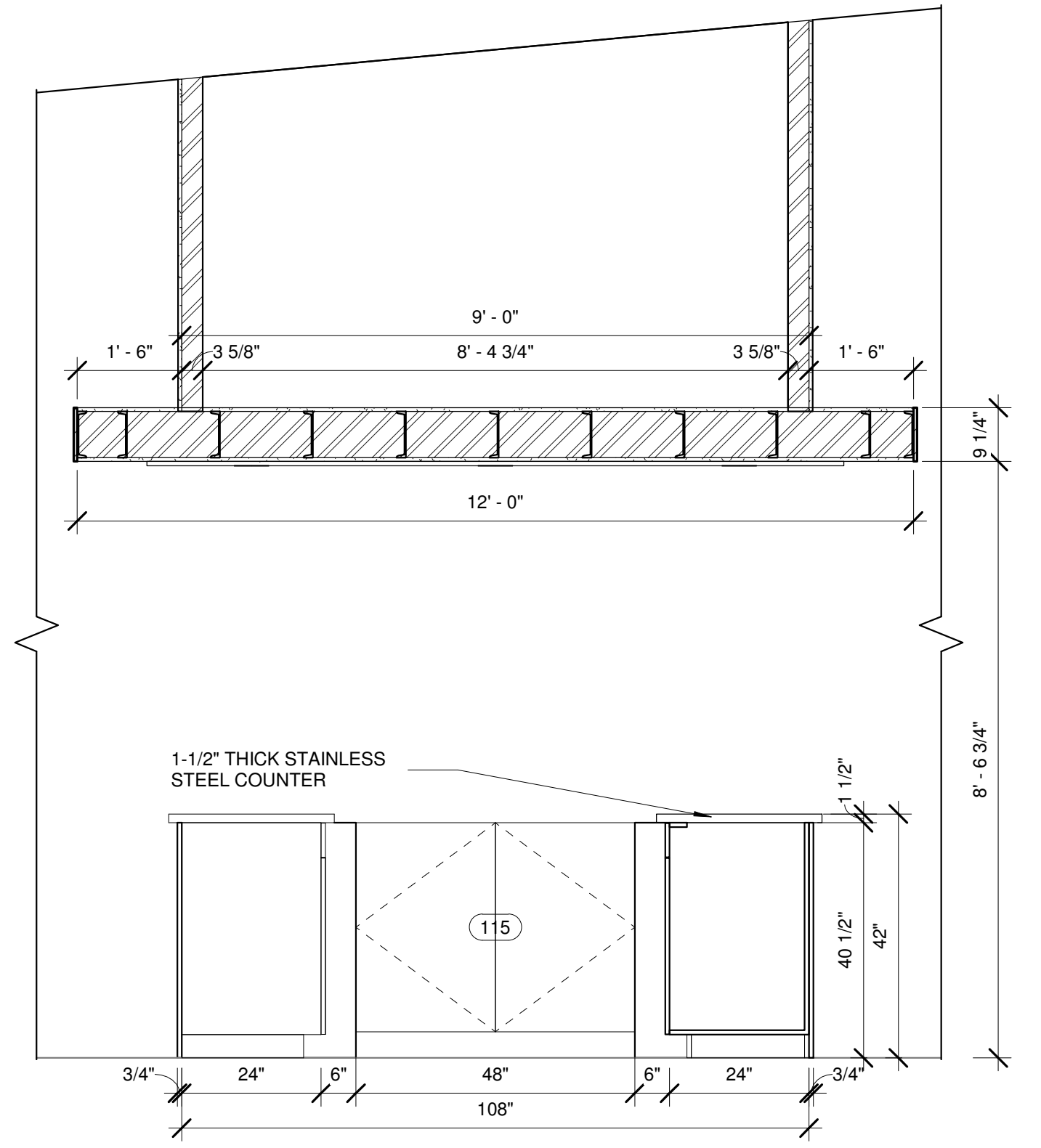
6 3D PERSPECTIVE P.O.S. INTERIOR NORTHEAST



2 POS STATION INTERIOR - ELEVATION 1
1/2" = 1'-0"



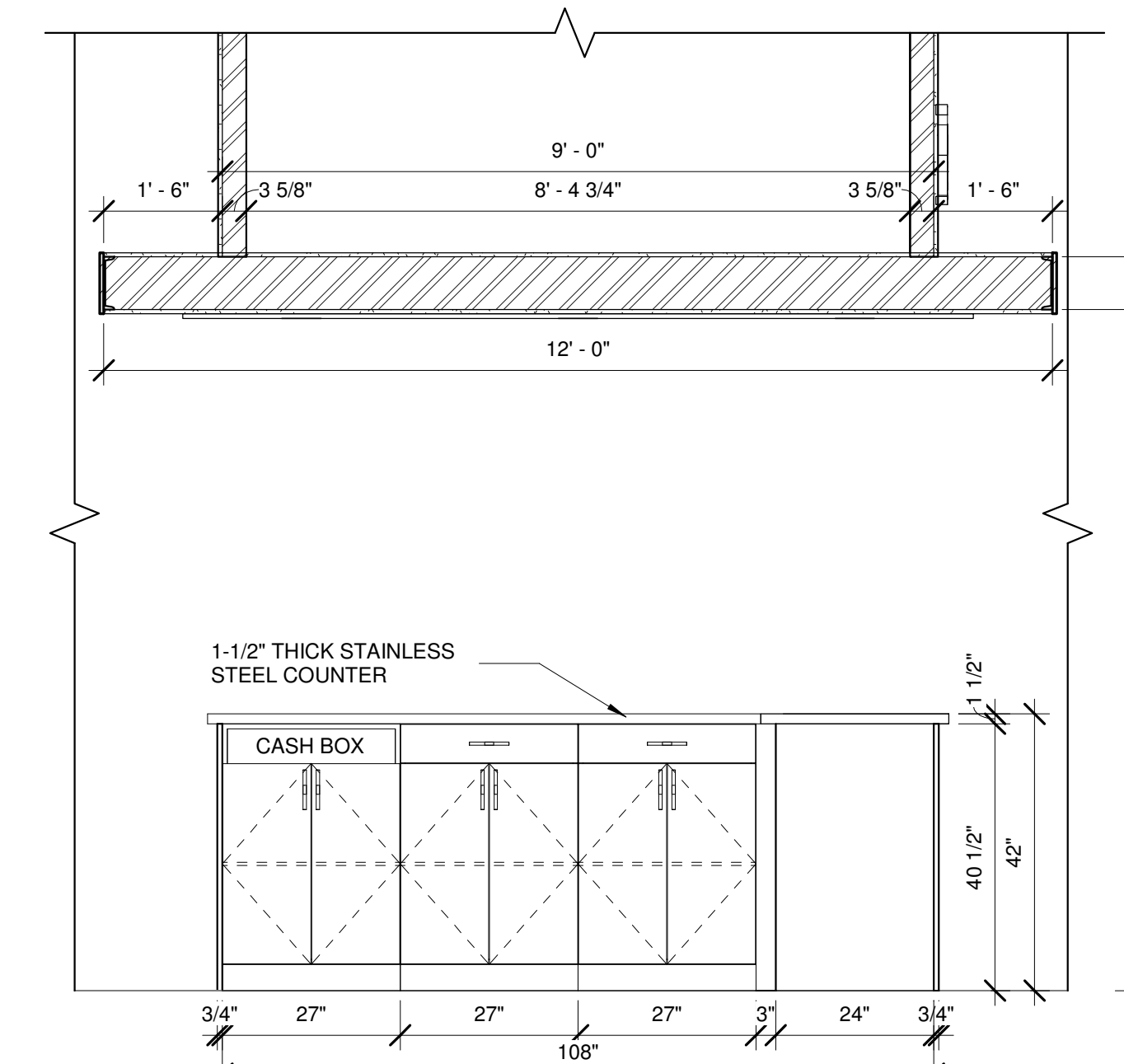
1 POINT OF SALE CALLOUT
1/2" = 1'-0"



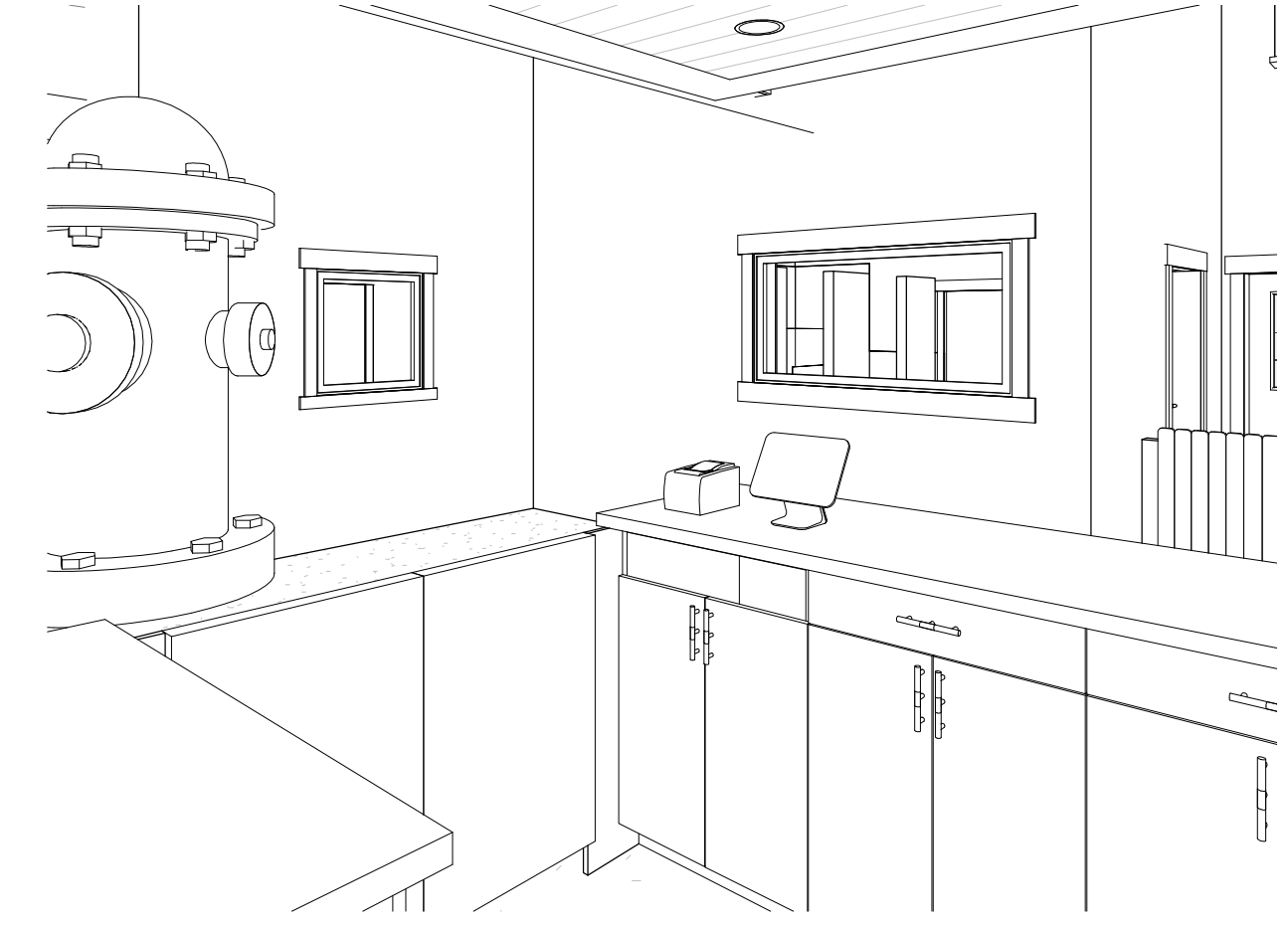
4 POS STATION INTERIOR - ELEVATION 3
1/2" = 1'-0"



7 3D PERSPECTIVE P.O.S. INTERIOR SOUTHWEST



5 POS STATION INTERIOR - ELEVATION 4
1/2" = 1'-0"



8 3D PERSPECTIVE P.O.S. INTERIOR SOUTHEAST

NOT FOR CONSTRUCTION

A

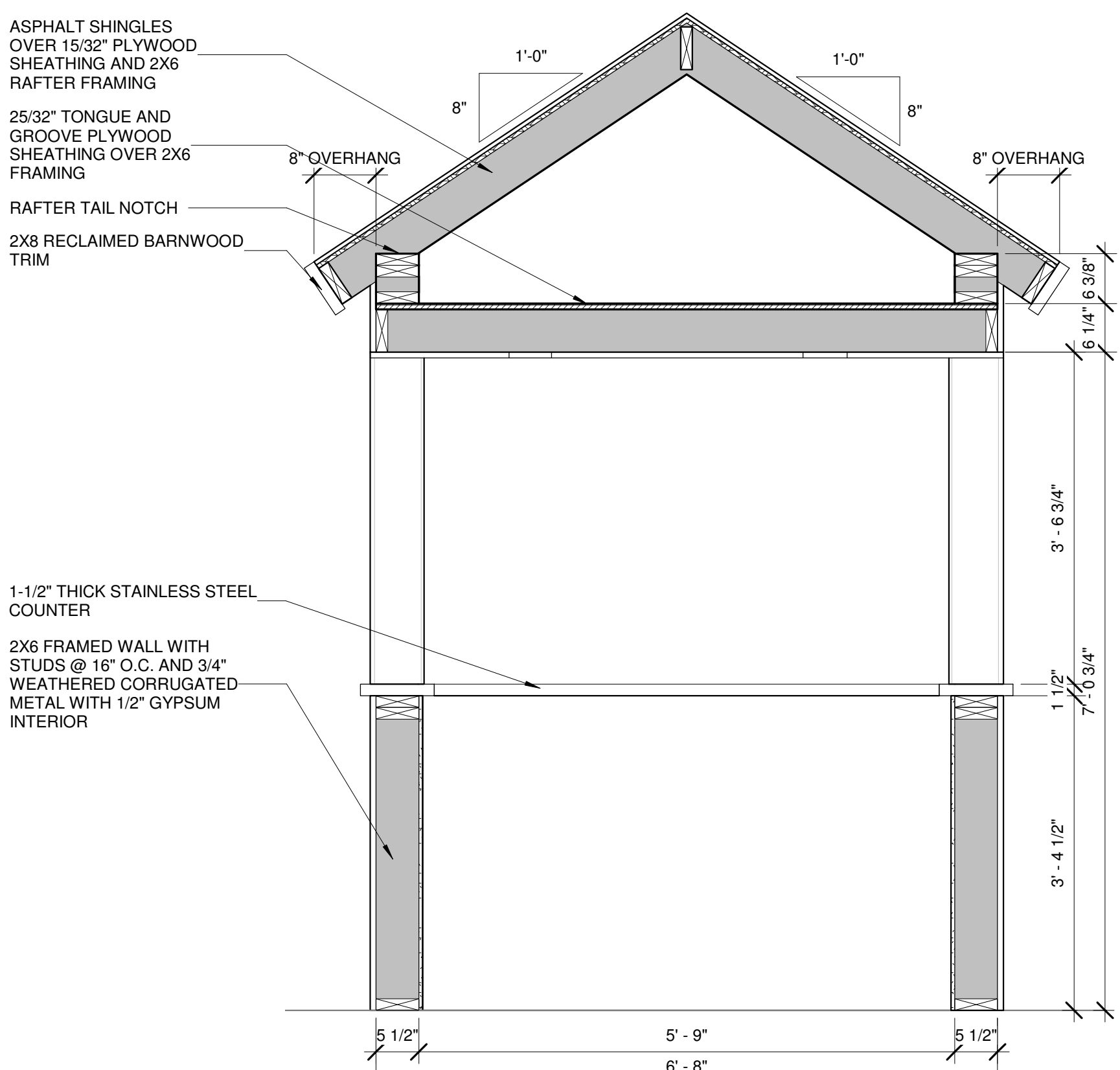
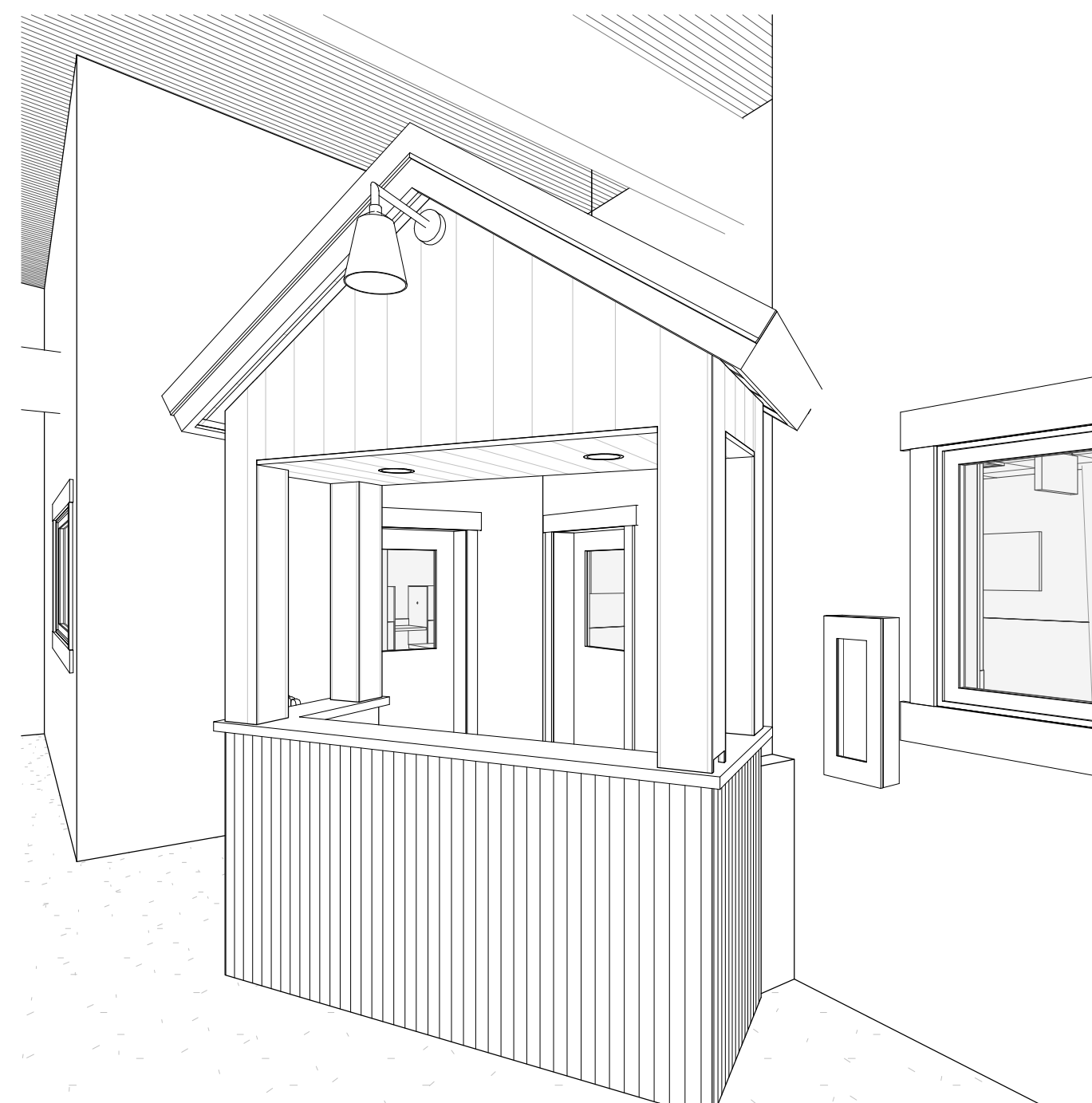
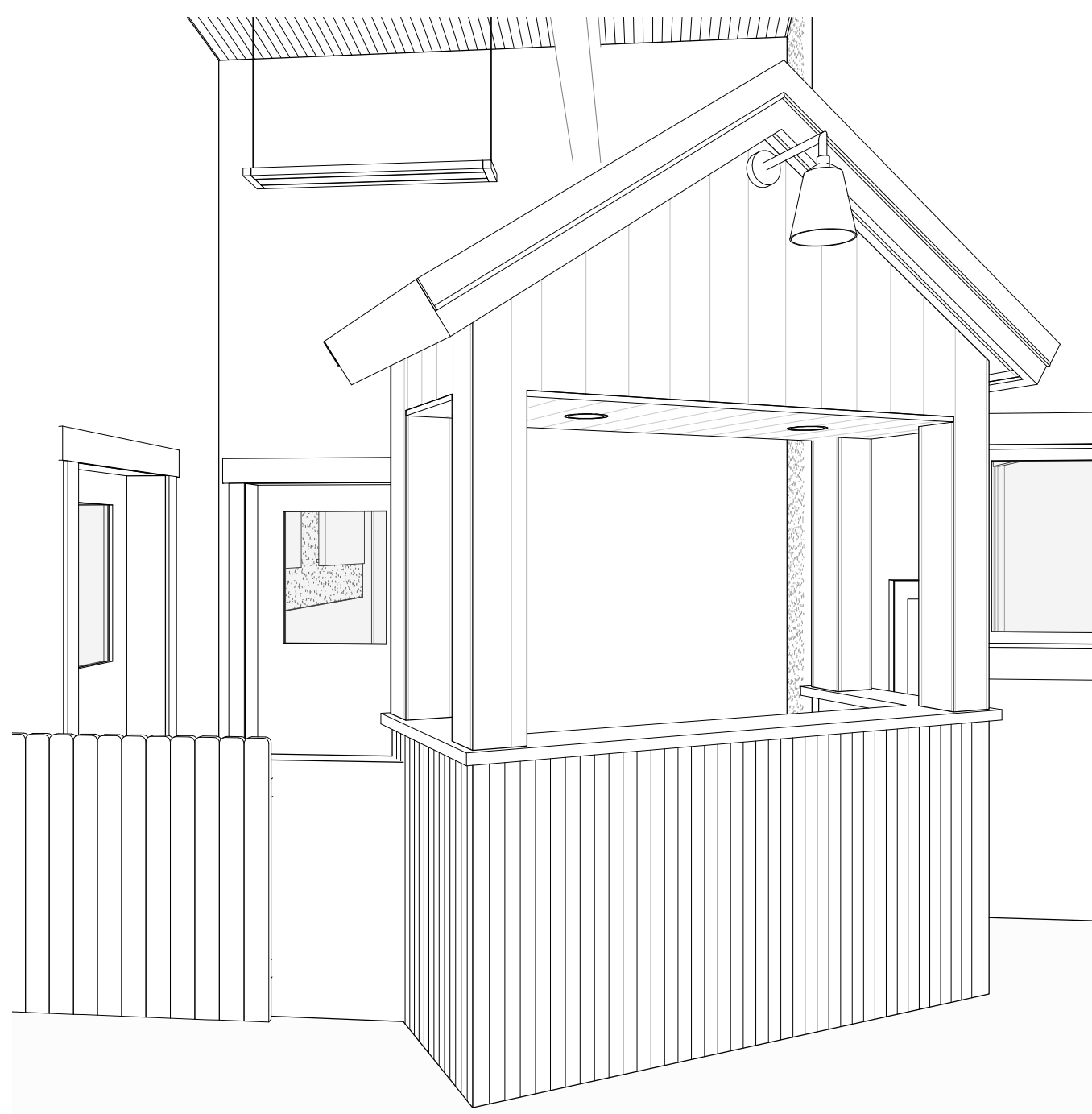
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1 3D PERSPECTIVE GROOMING CHECK IN 1

2 3D PERSPECTIVE GROOMING CHECK IN 2

3 3D PERSPECTIVE GROOMING CHECK IN 3

6 GROOMING CHECK-IN SECTION
3/4" = 1'-0"

F9

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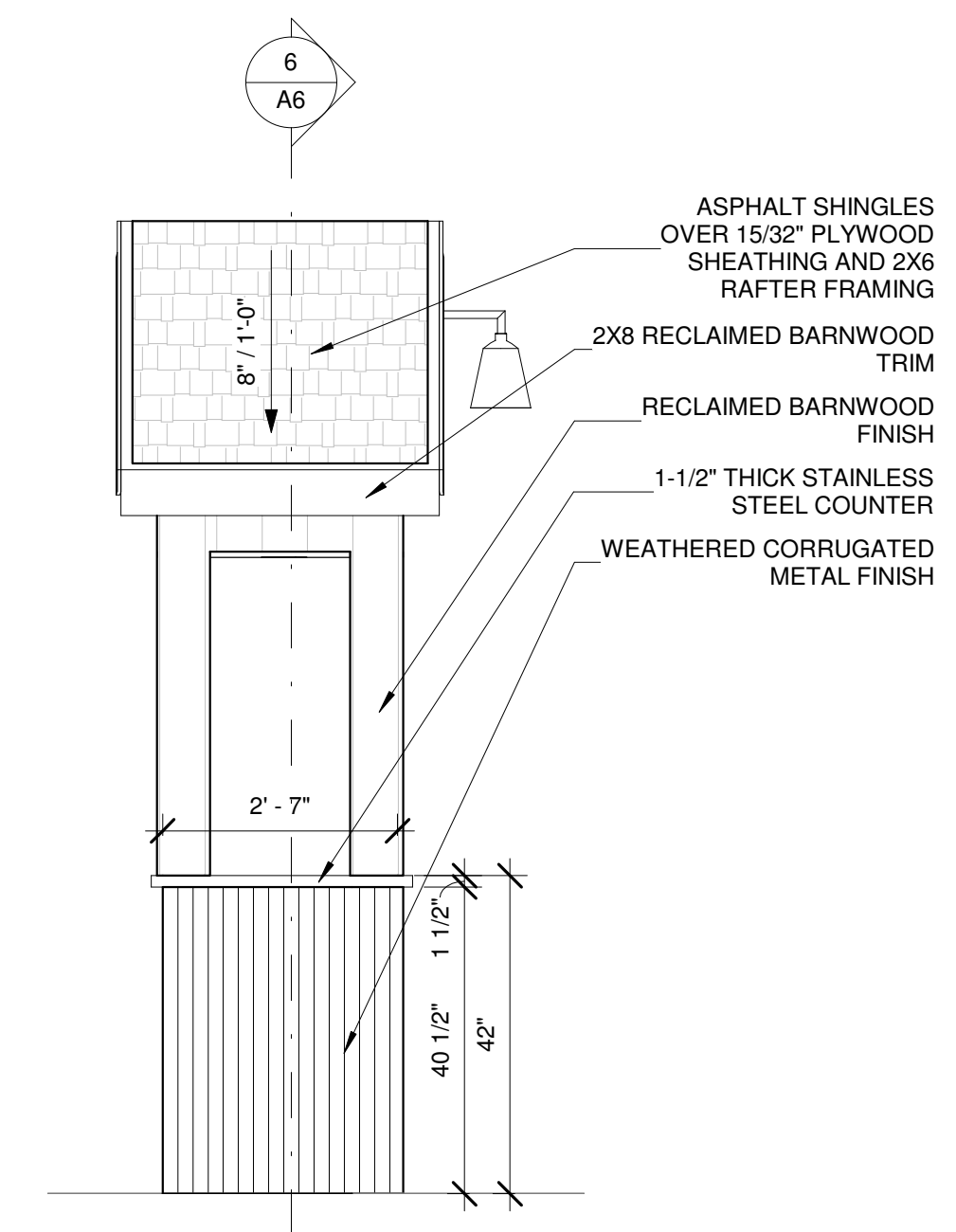
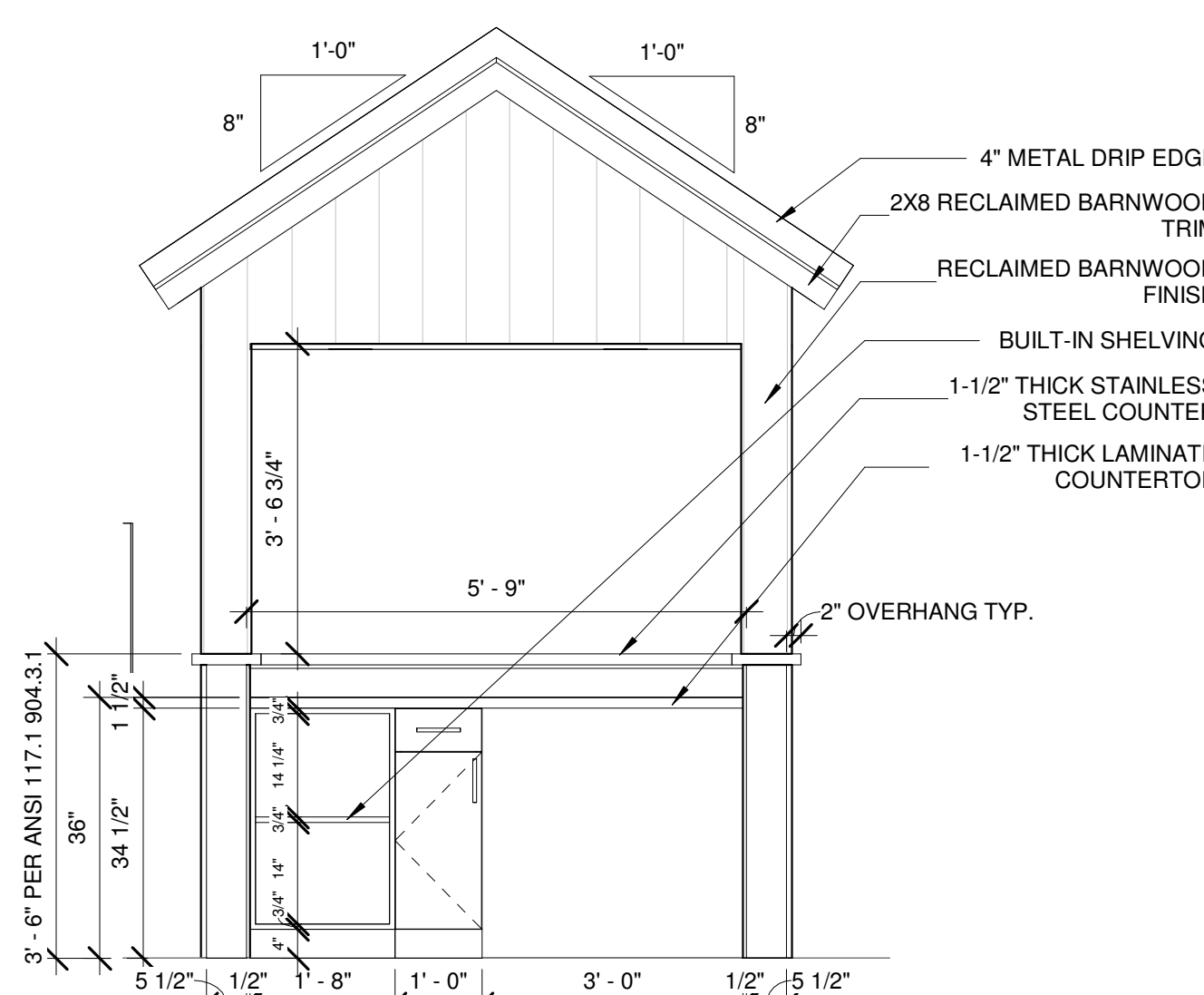
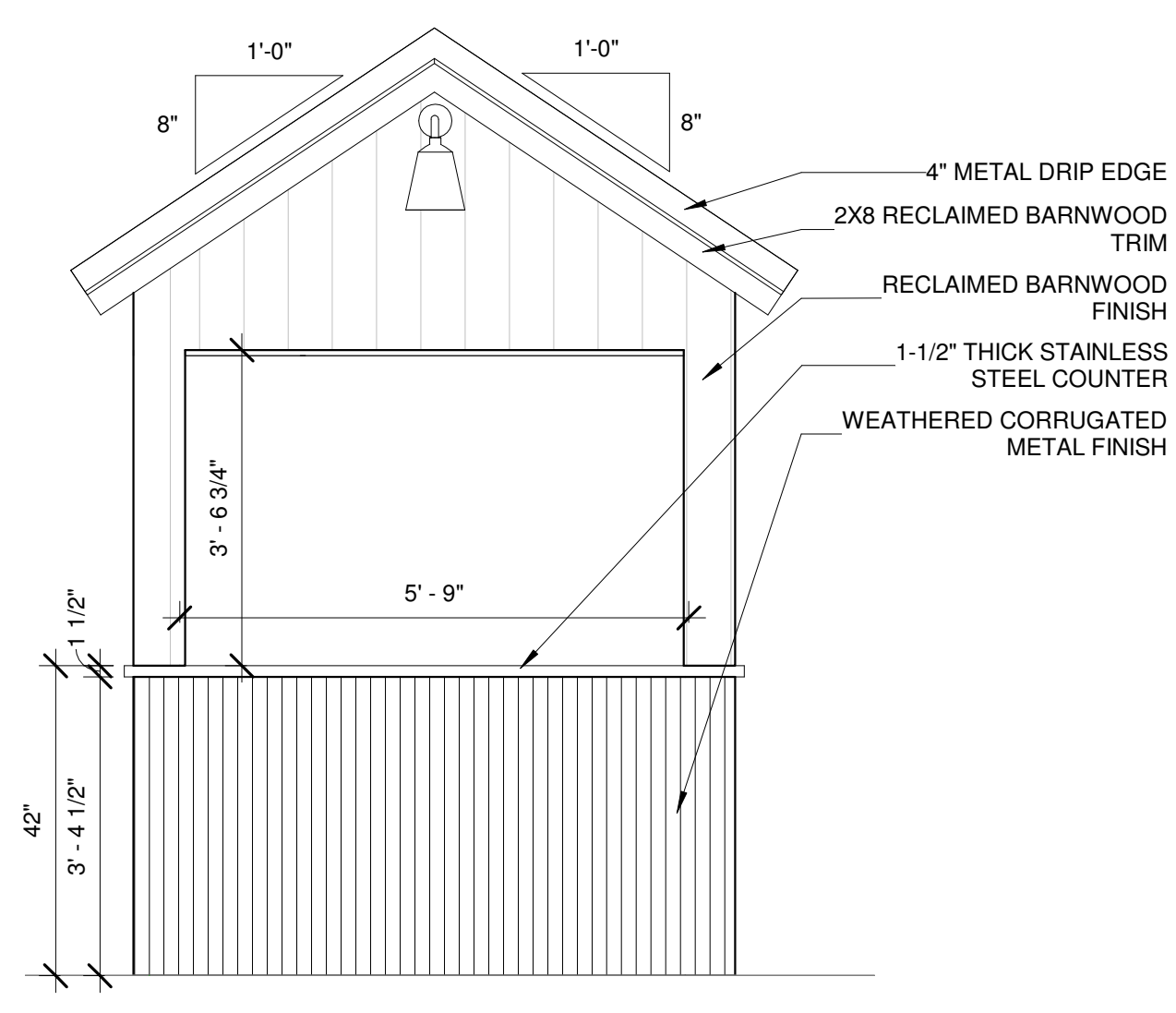
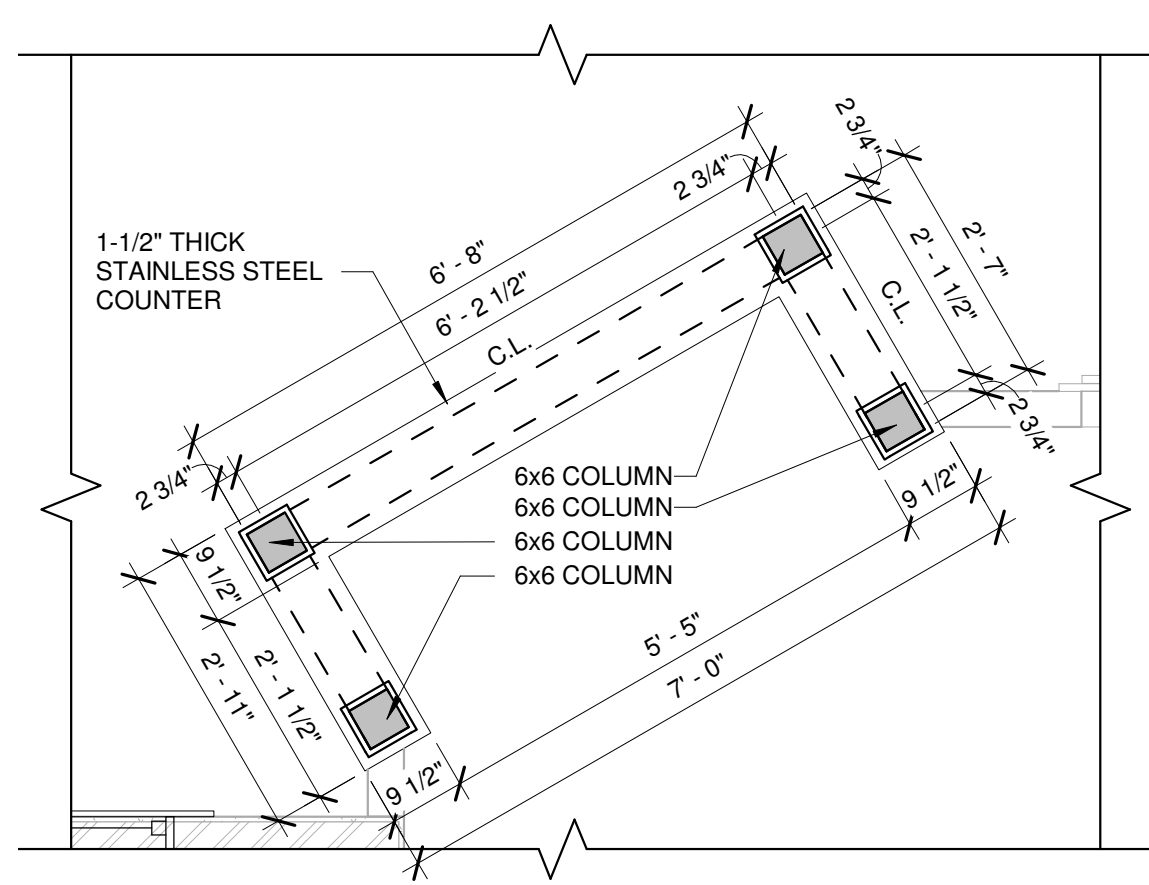
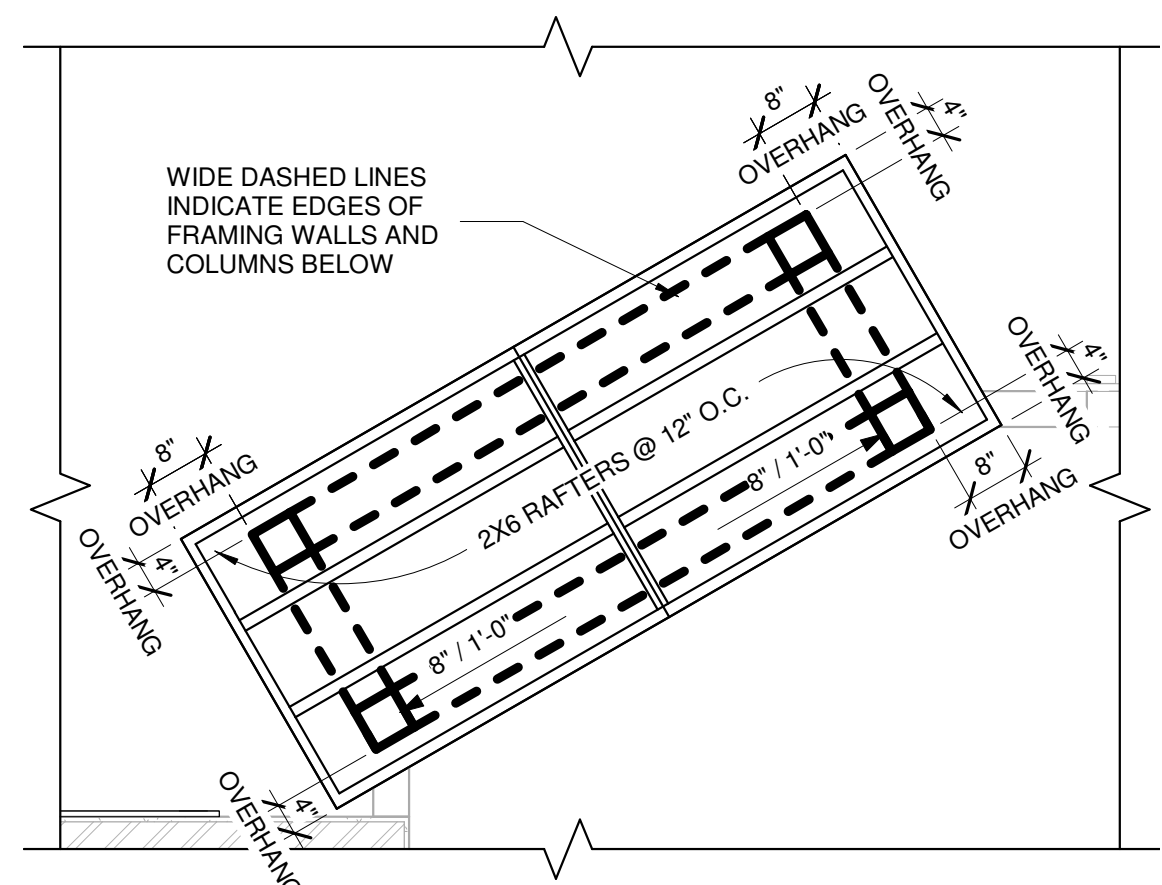
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5 GROOMING CHECK IN ROOF CALL OUT
1/2" = 1'-0"

4 GROOMING CHECK IN CALL OUT
1/2" = 1'-0"

14 GROOMING CHECK-IN - ELEVATION 1
1/2" = 1'-0"

15 GROOMING CHECK-IN - ELEVATION 2
1/2" = 1'-0"

16 GROOMING CHECK-IN - ELEVATION 3
1/2" = 1'-0"

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A6

GROOMING CHECK IN DETAILS

1 2 3 4 5 6 7 8 9

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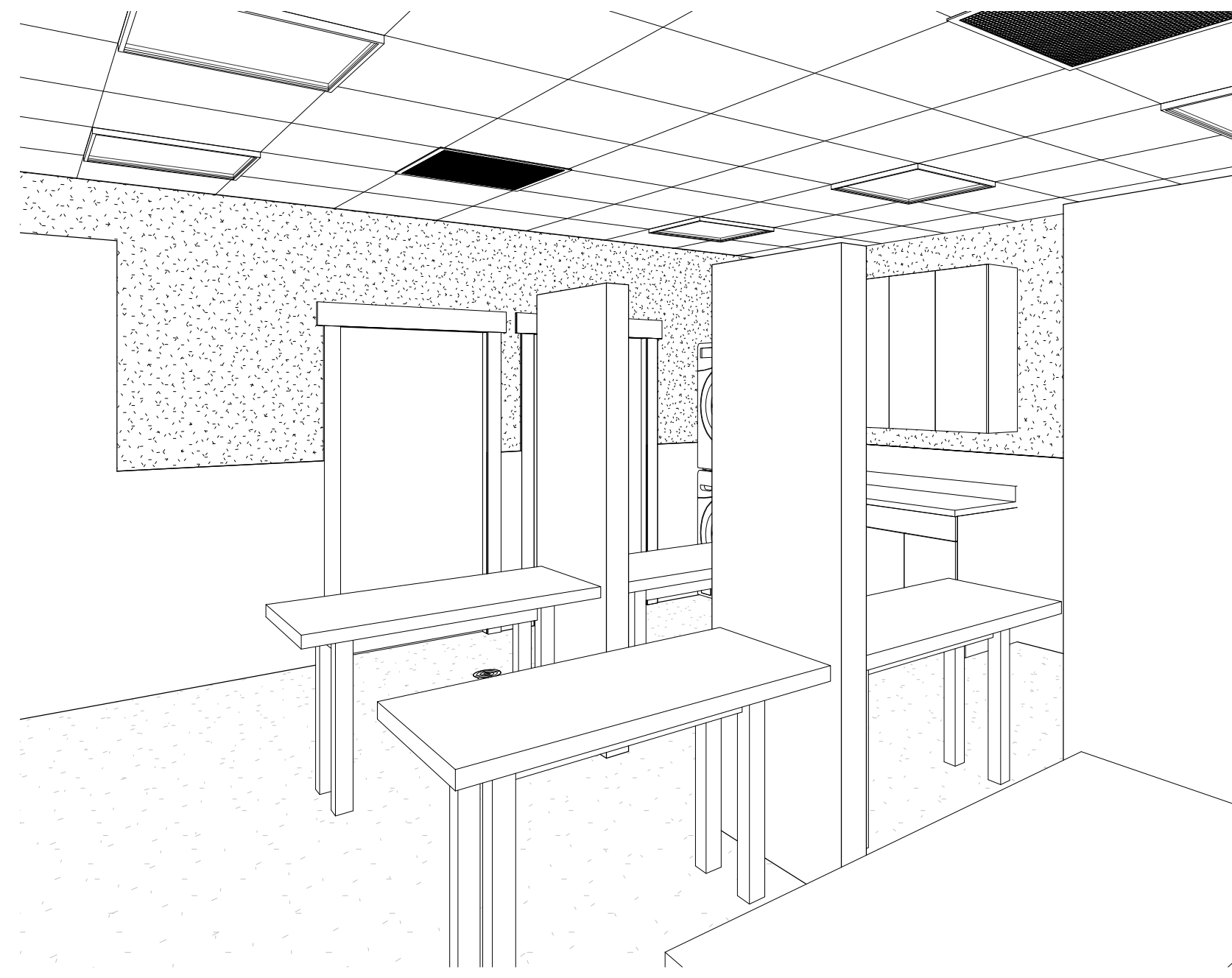
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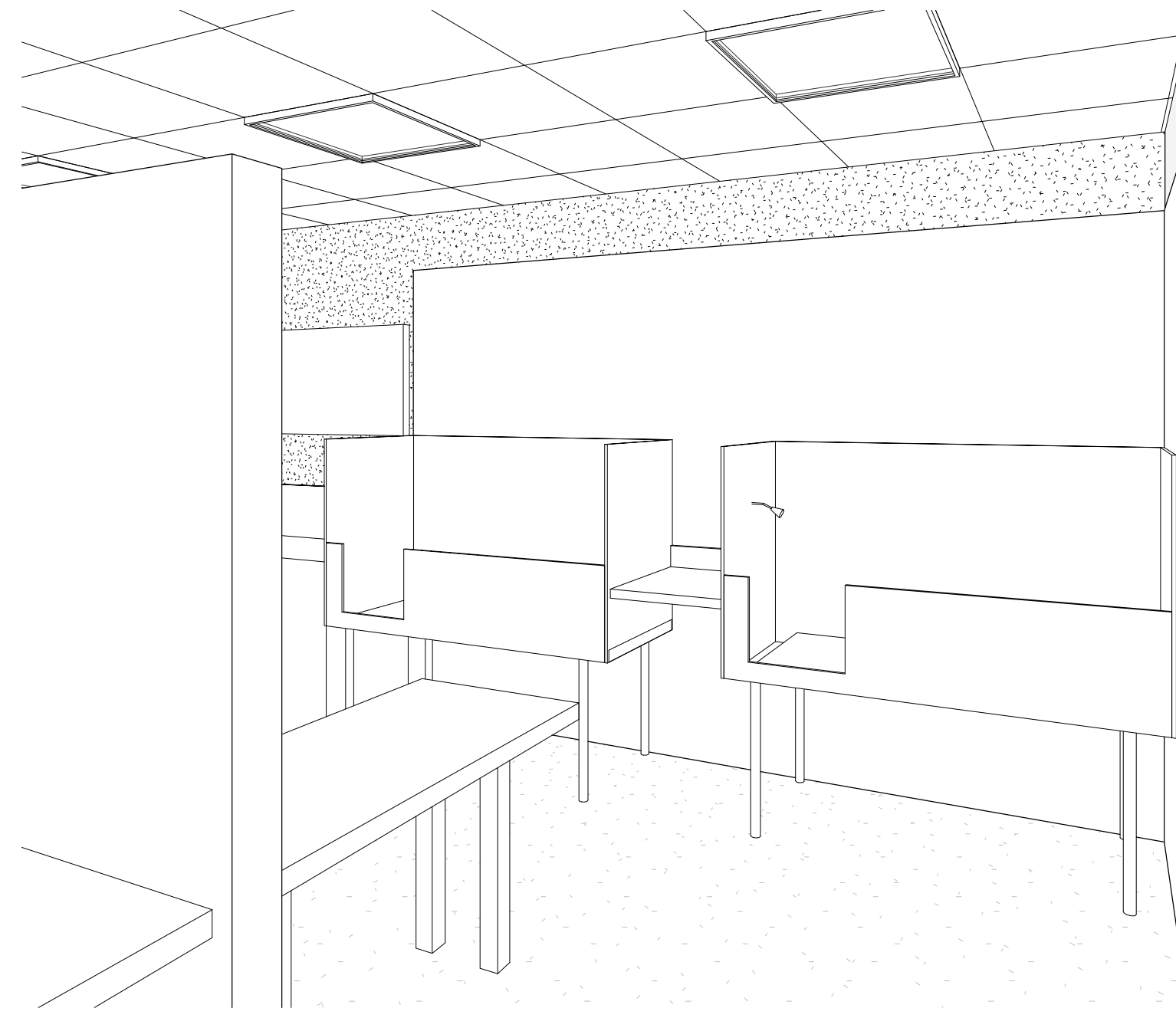
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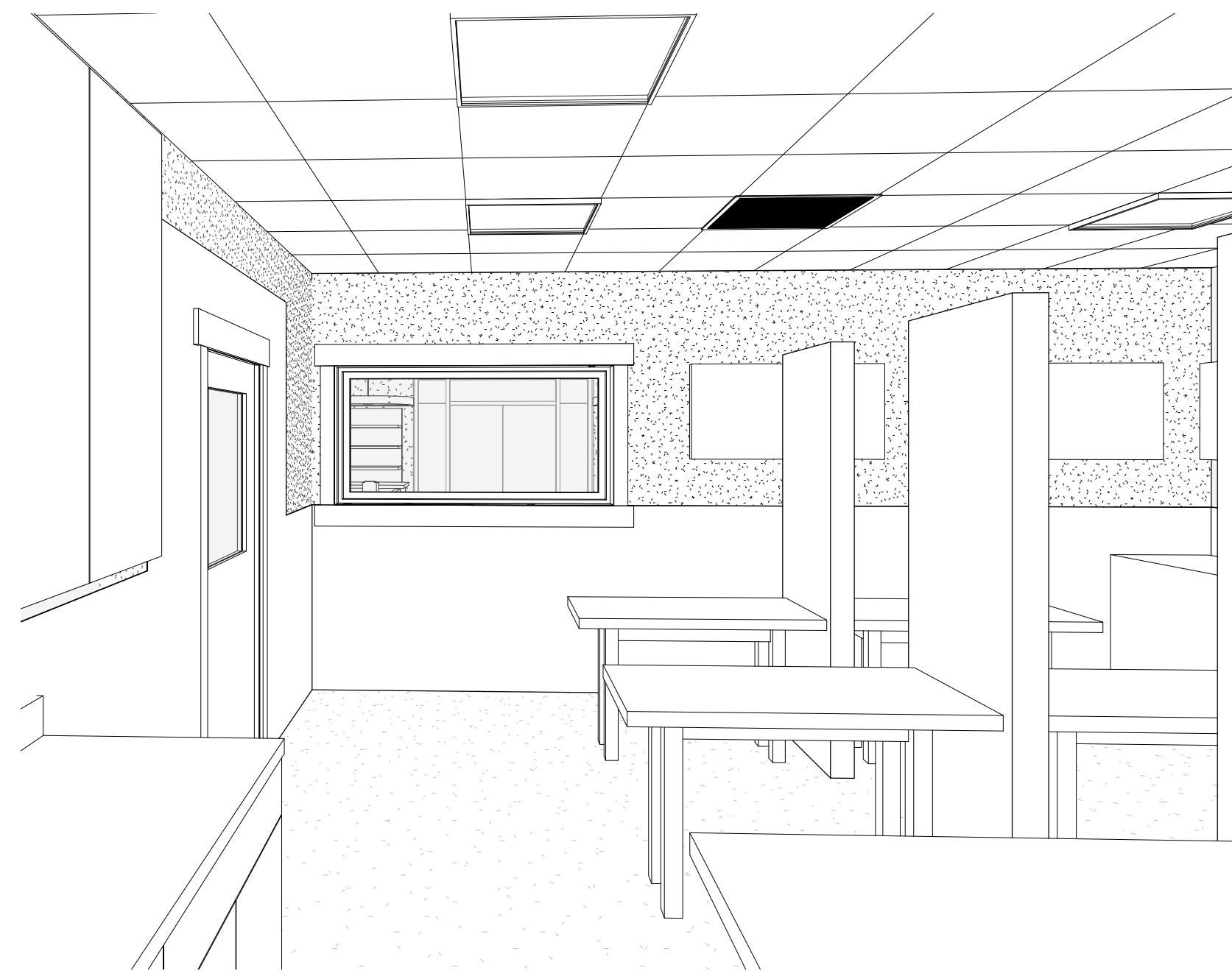
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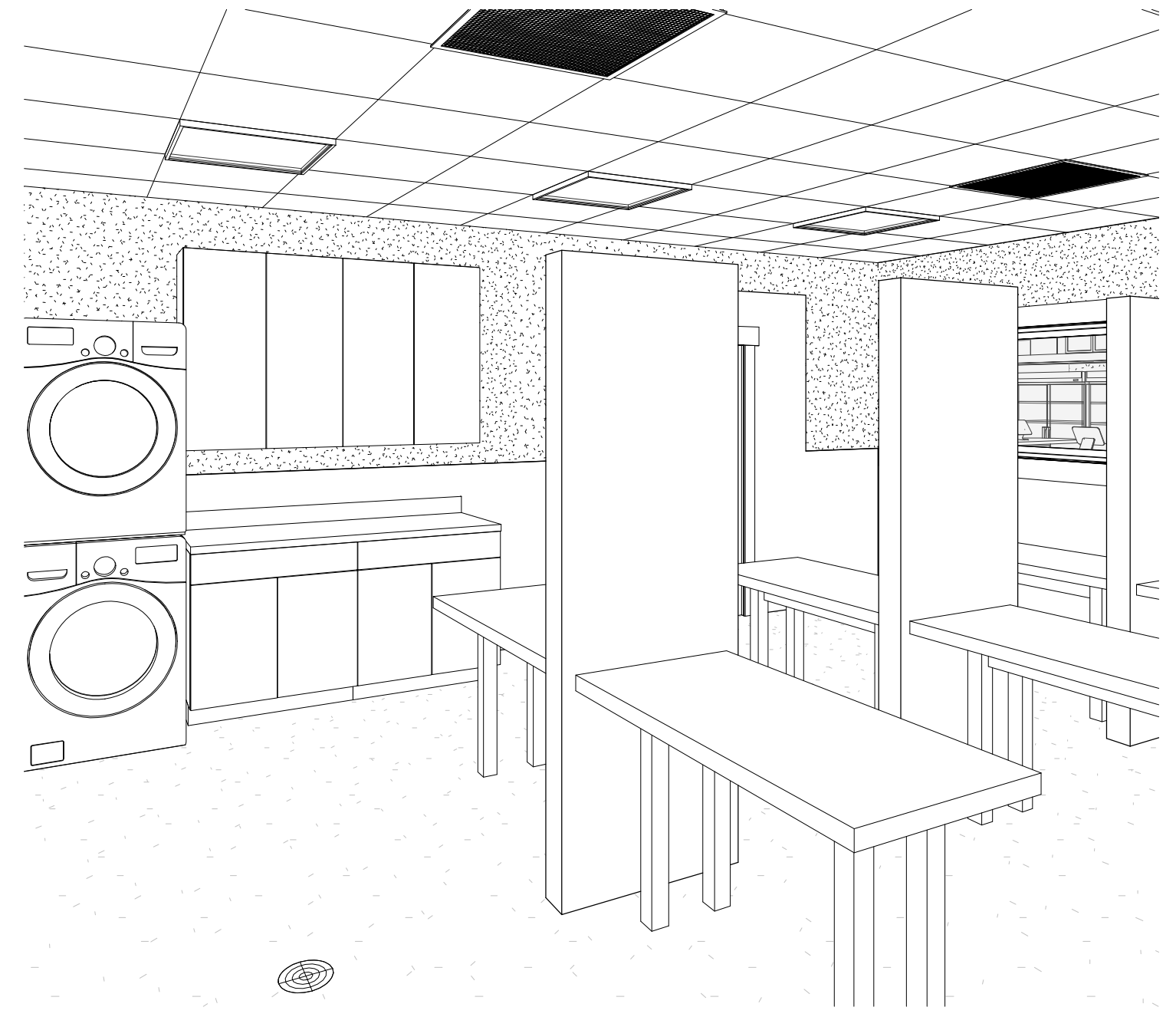
7 3D PERSPECTIVE GROOMING SOUTHWEST



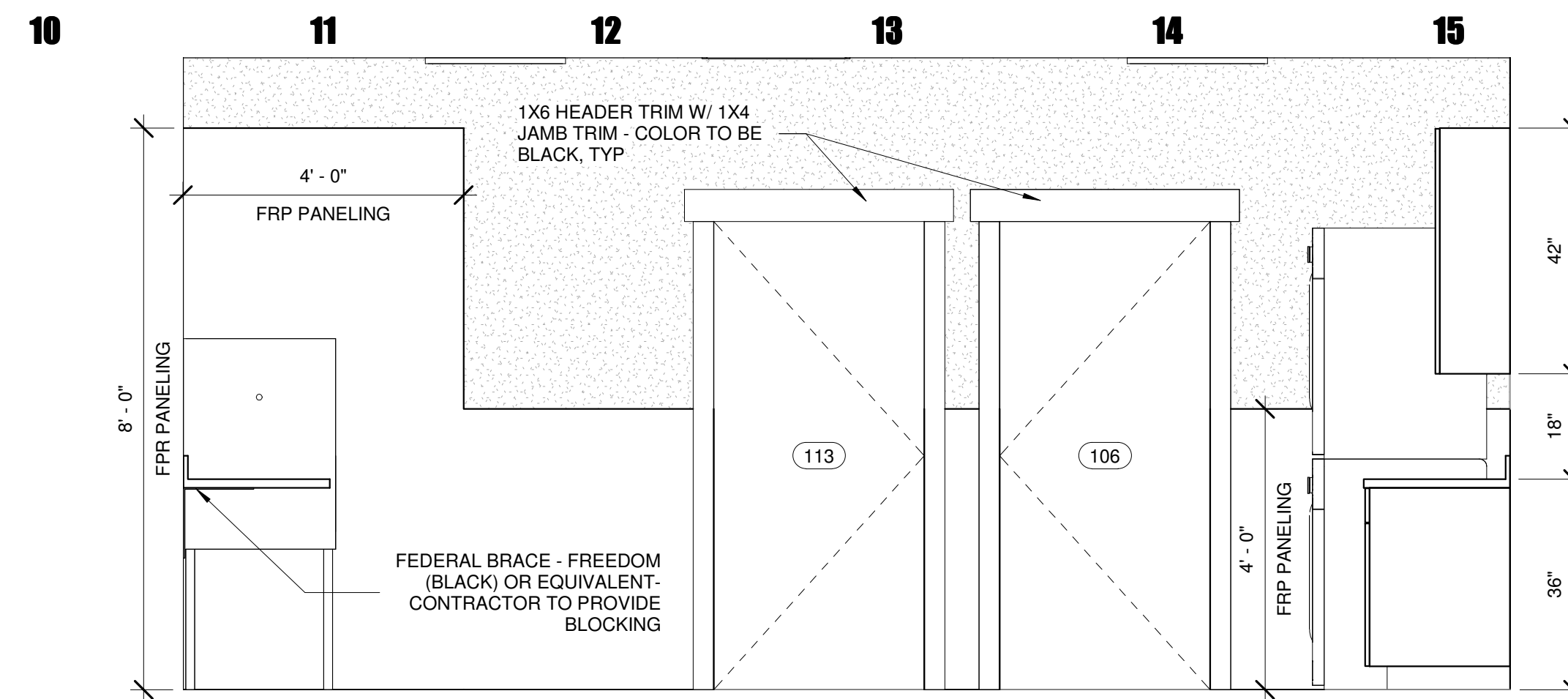
6 3D PERSPECTIVE GROOMING SOUTHEAST



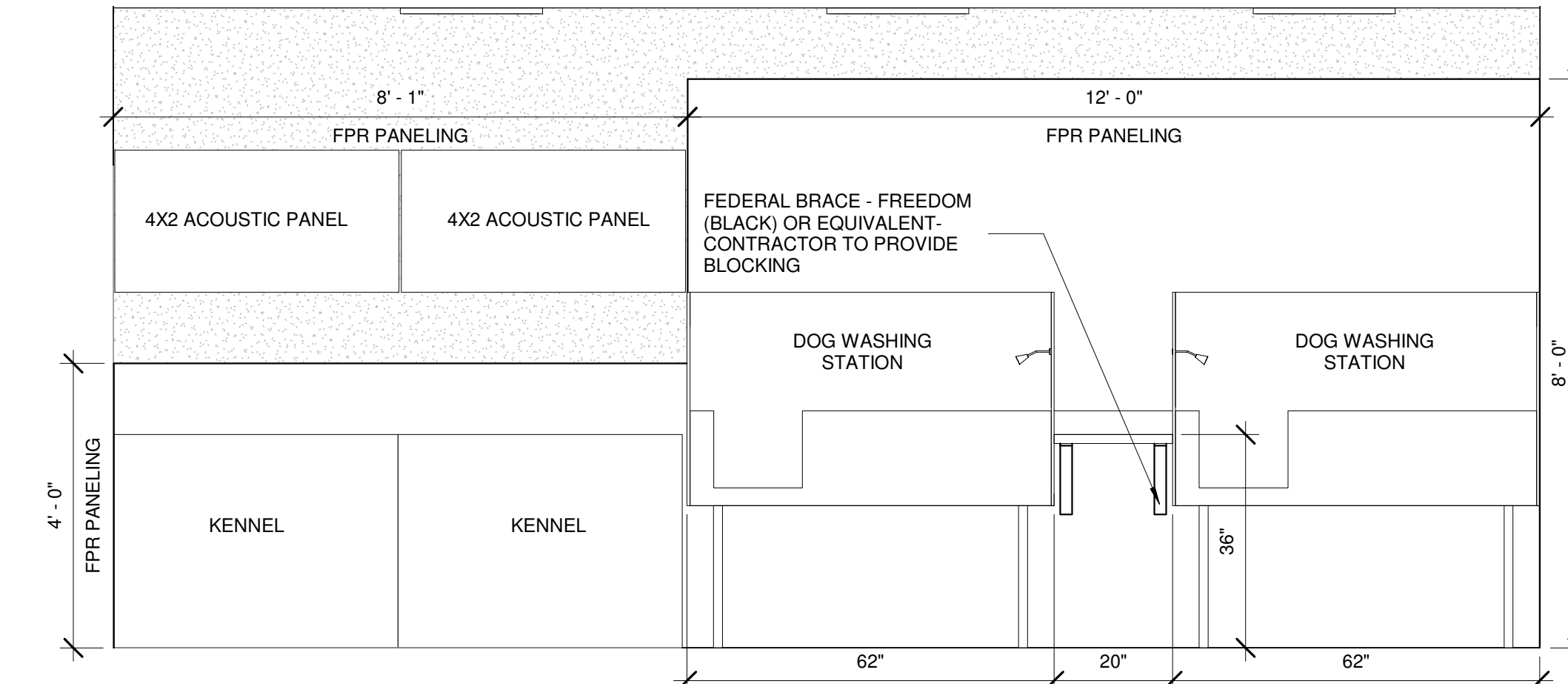
8 3D PERSPECTIVE GROOMING NORTH



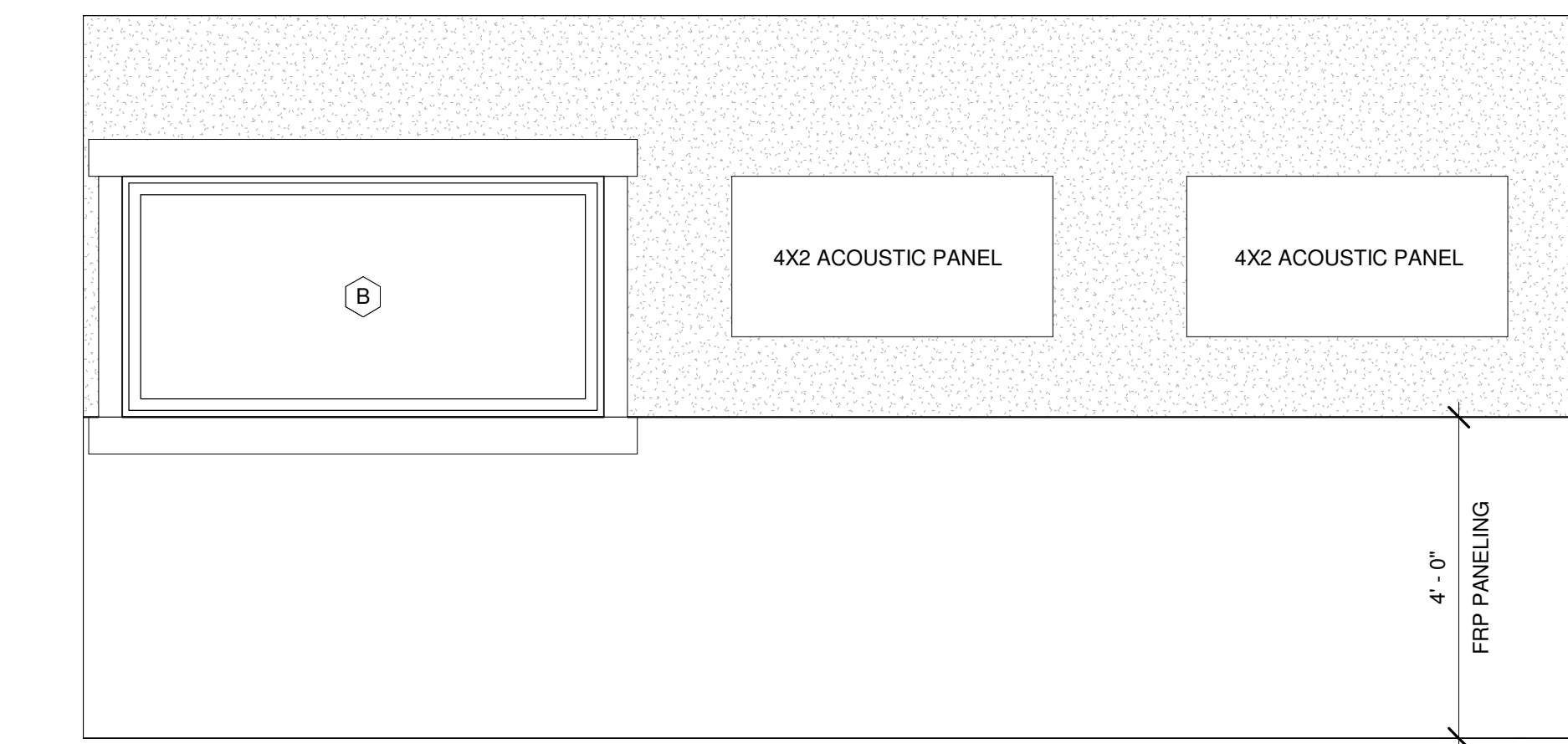
5 3D PERSPECTIVE GROOMING NORTHWEST



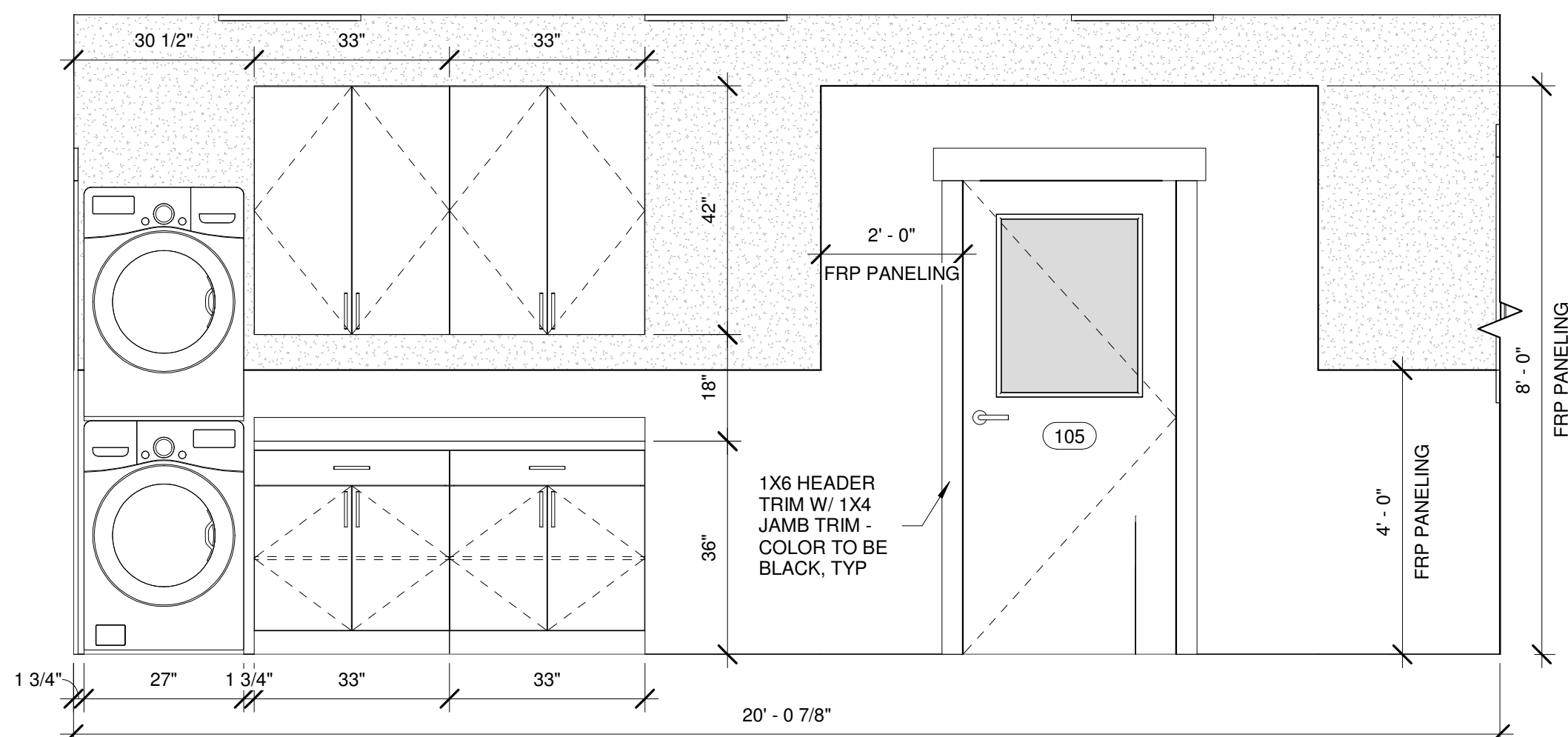
4 GROOMING - ELEVATION 4
1/2" = 1'-0"



3 GROOMING - ELEVATION 3
1/2" = 1'-0"



2 GROOMING - ELEVATION 2
1/2" = 1'-0"



1 GROOMING - ELEVATION 1
1/2" = 1'-0"

A7
NOT FOR
CONSTRUCTION

F9

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A7

GROOMING ROOM DETAILS

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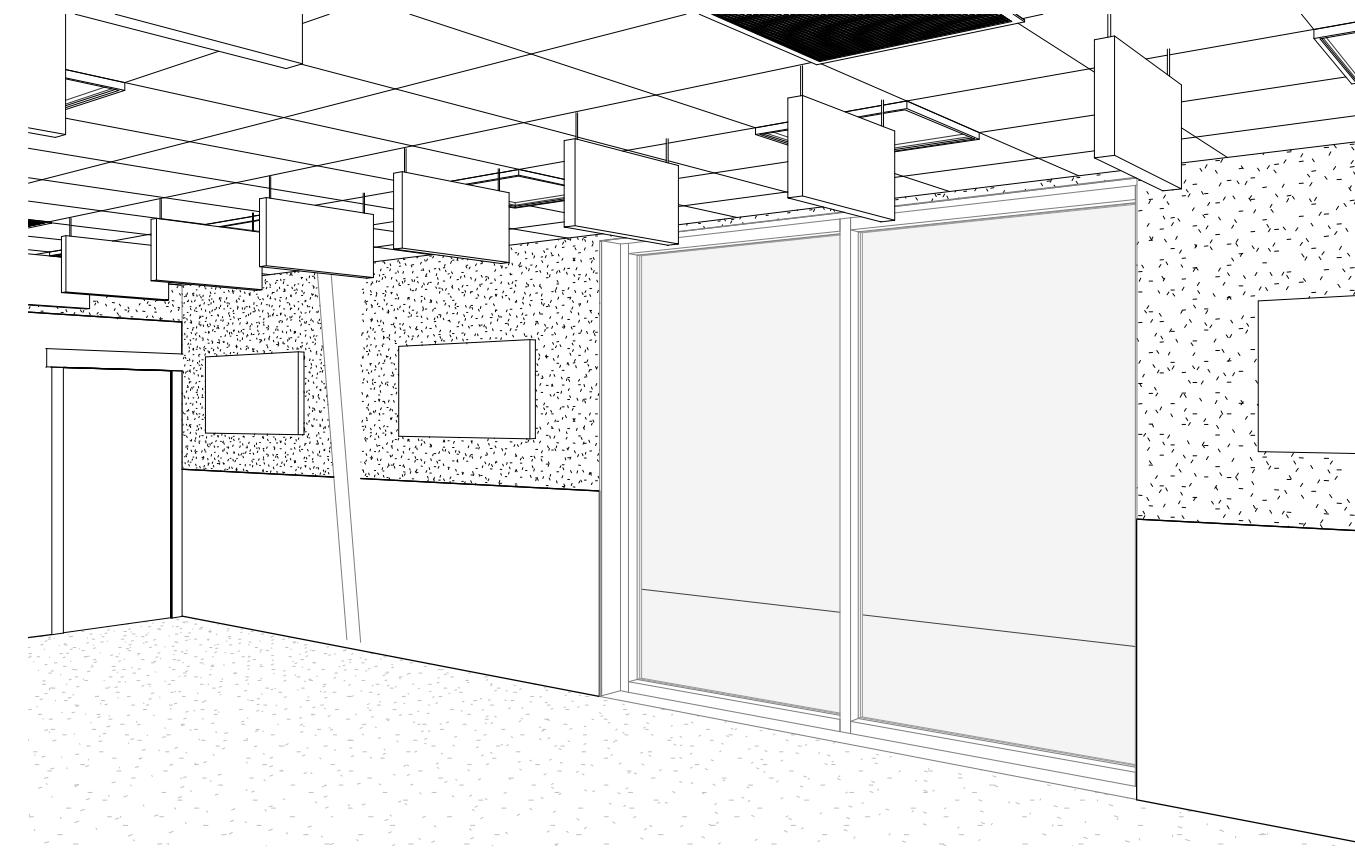
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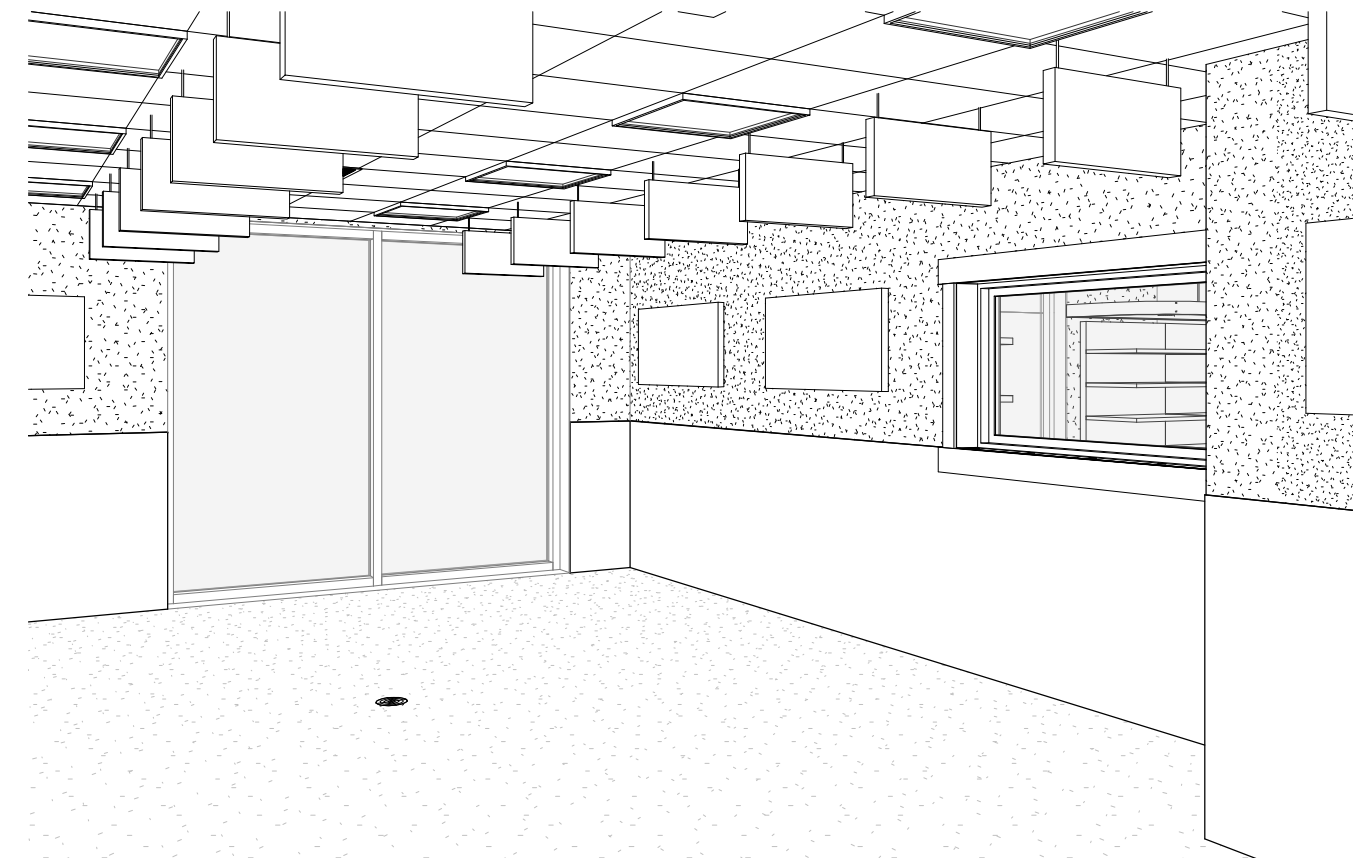
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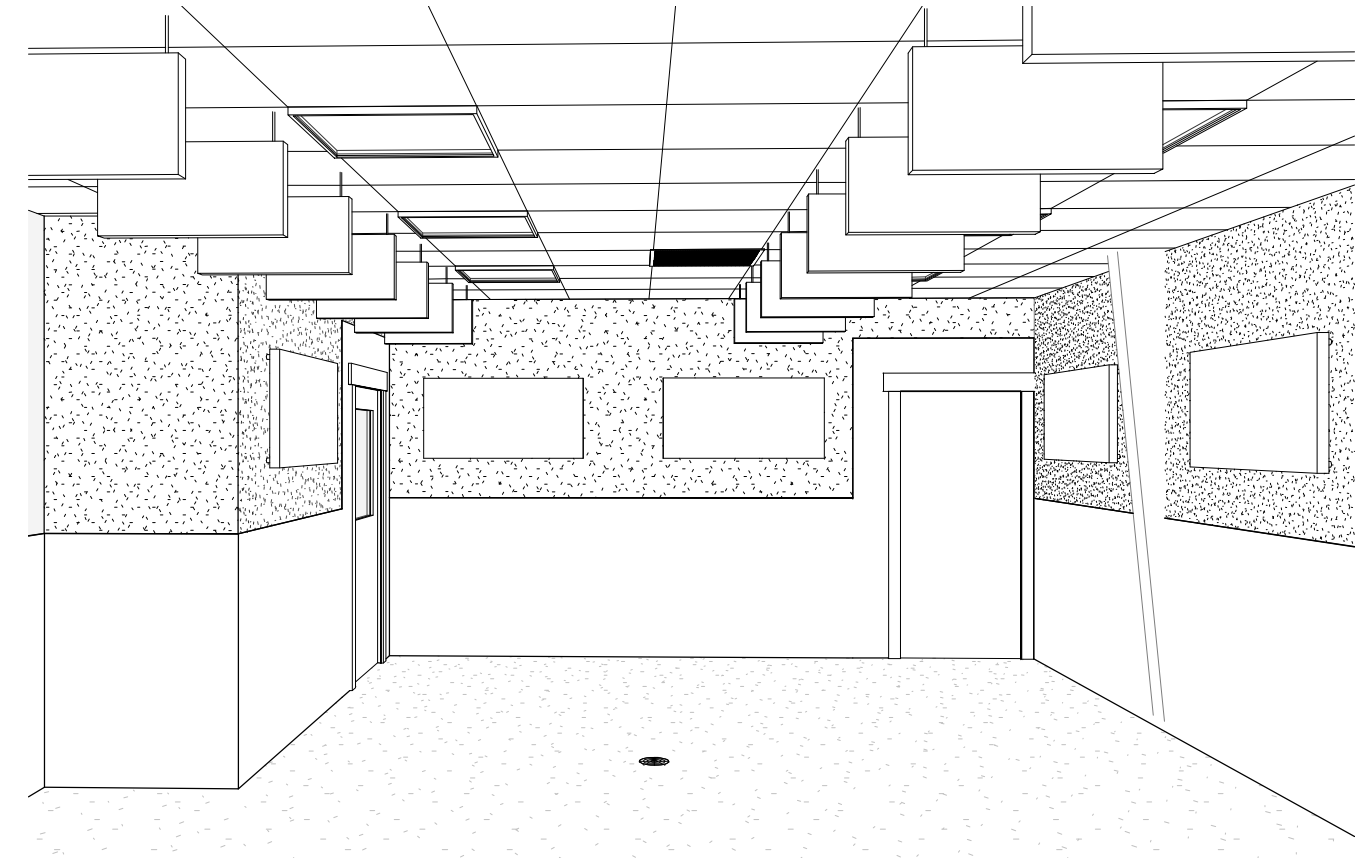
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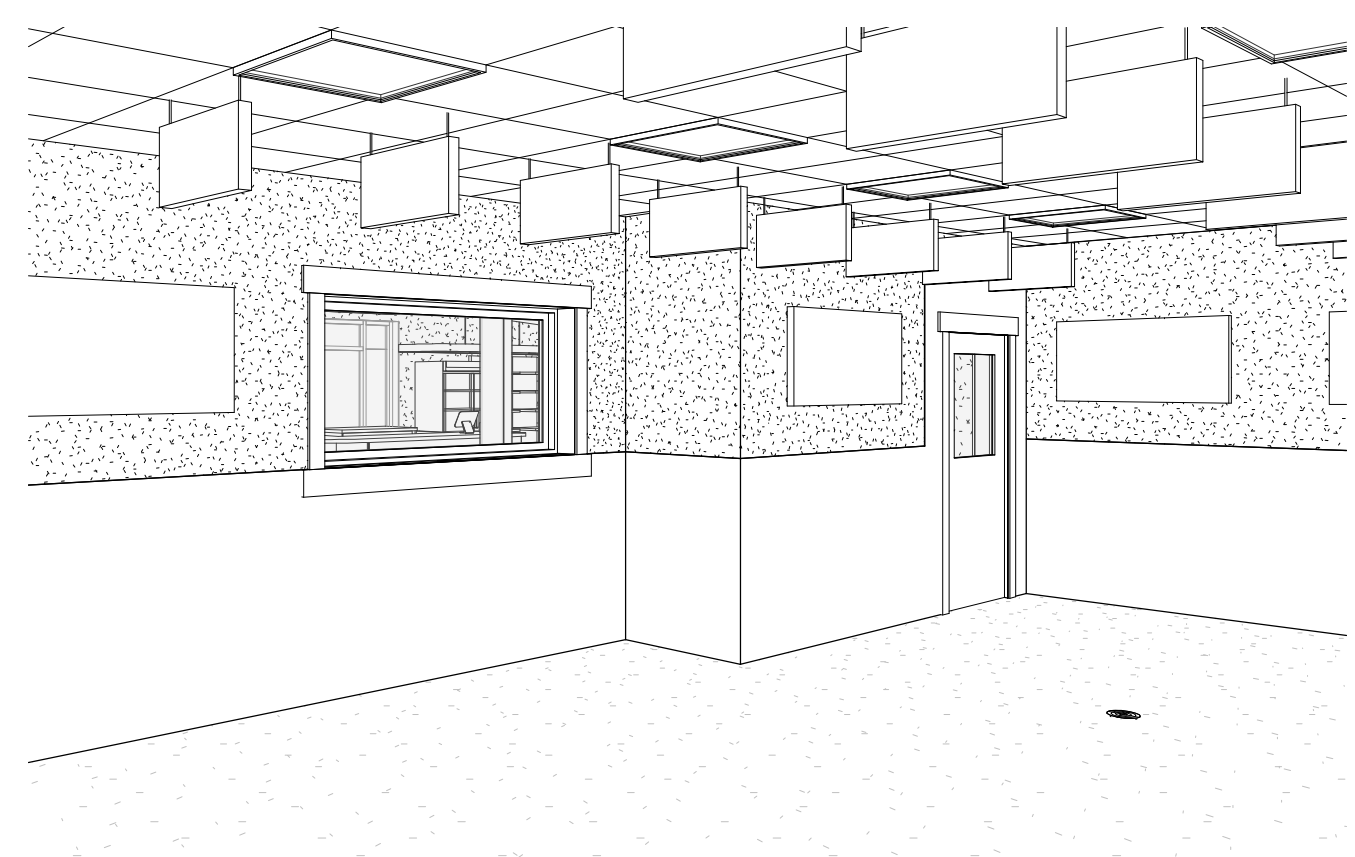
8 3D PERSPECTIVE DAYCARE SOUTHEAST



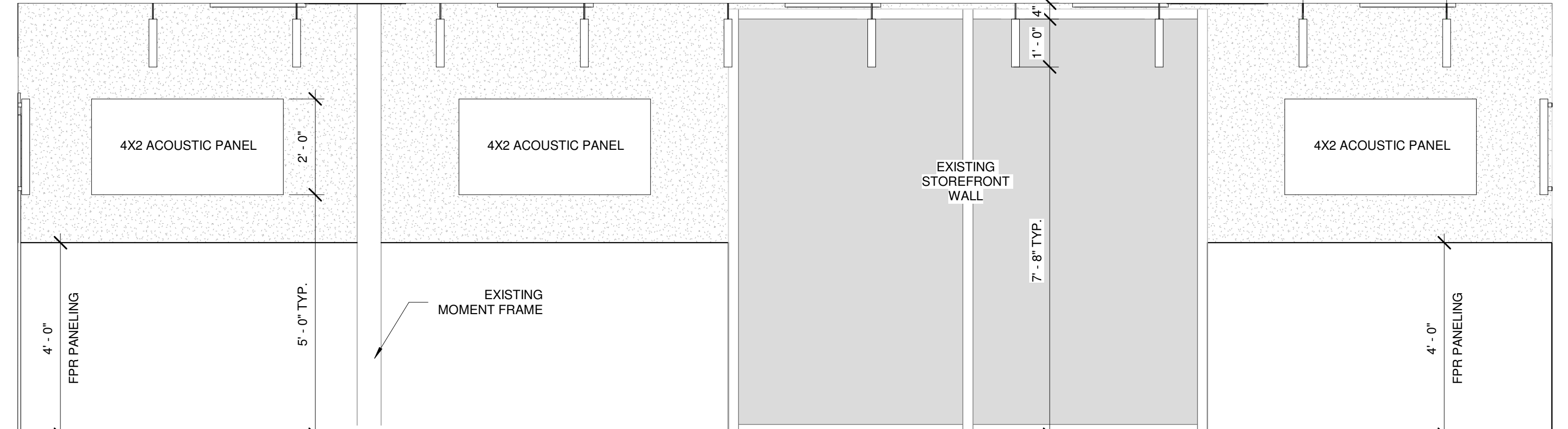
7 3D PERSPECTIVE DAYCARE NORTHWEST



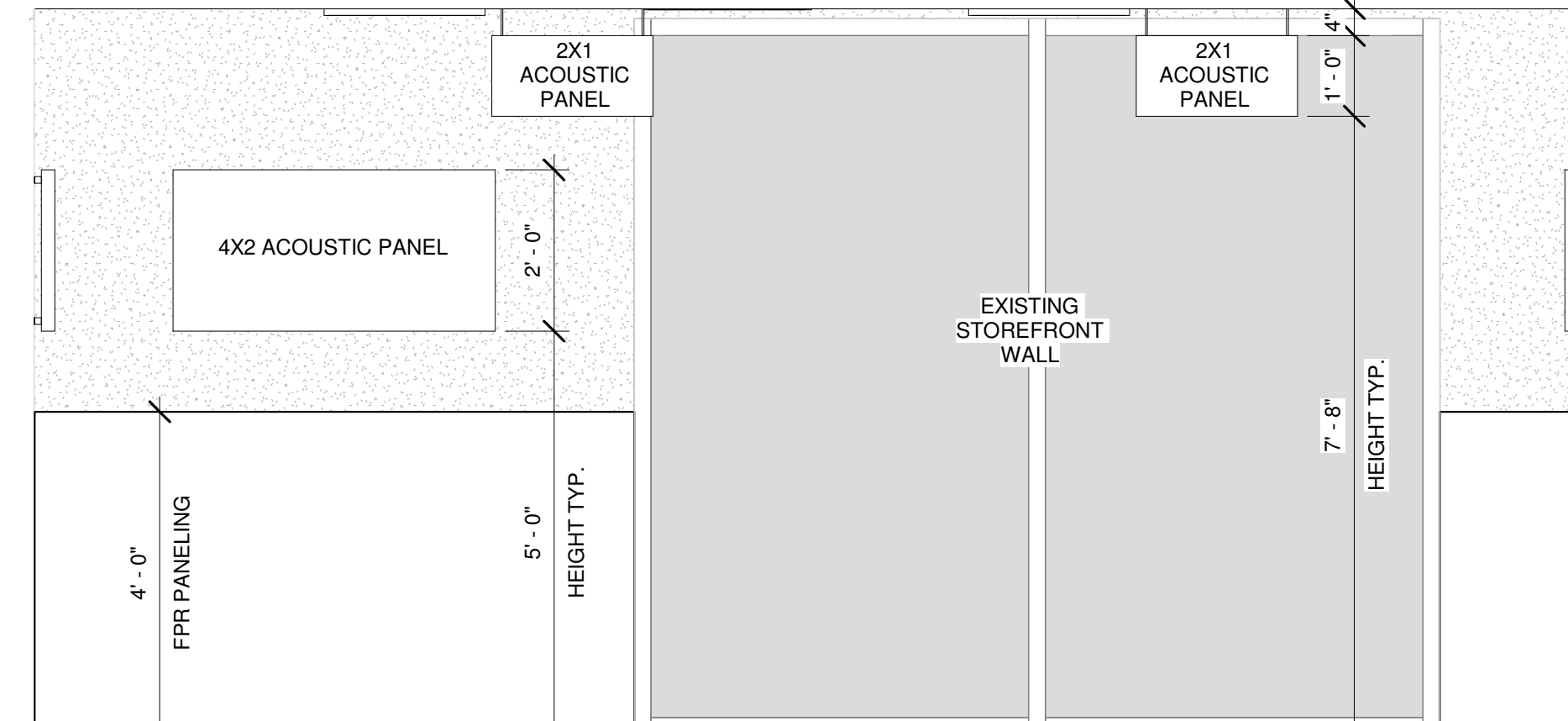
6 3D PERSPECTIVE DAYCARE EAST



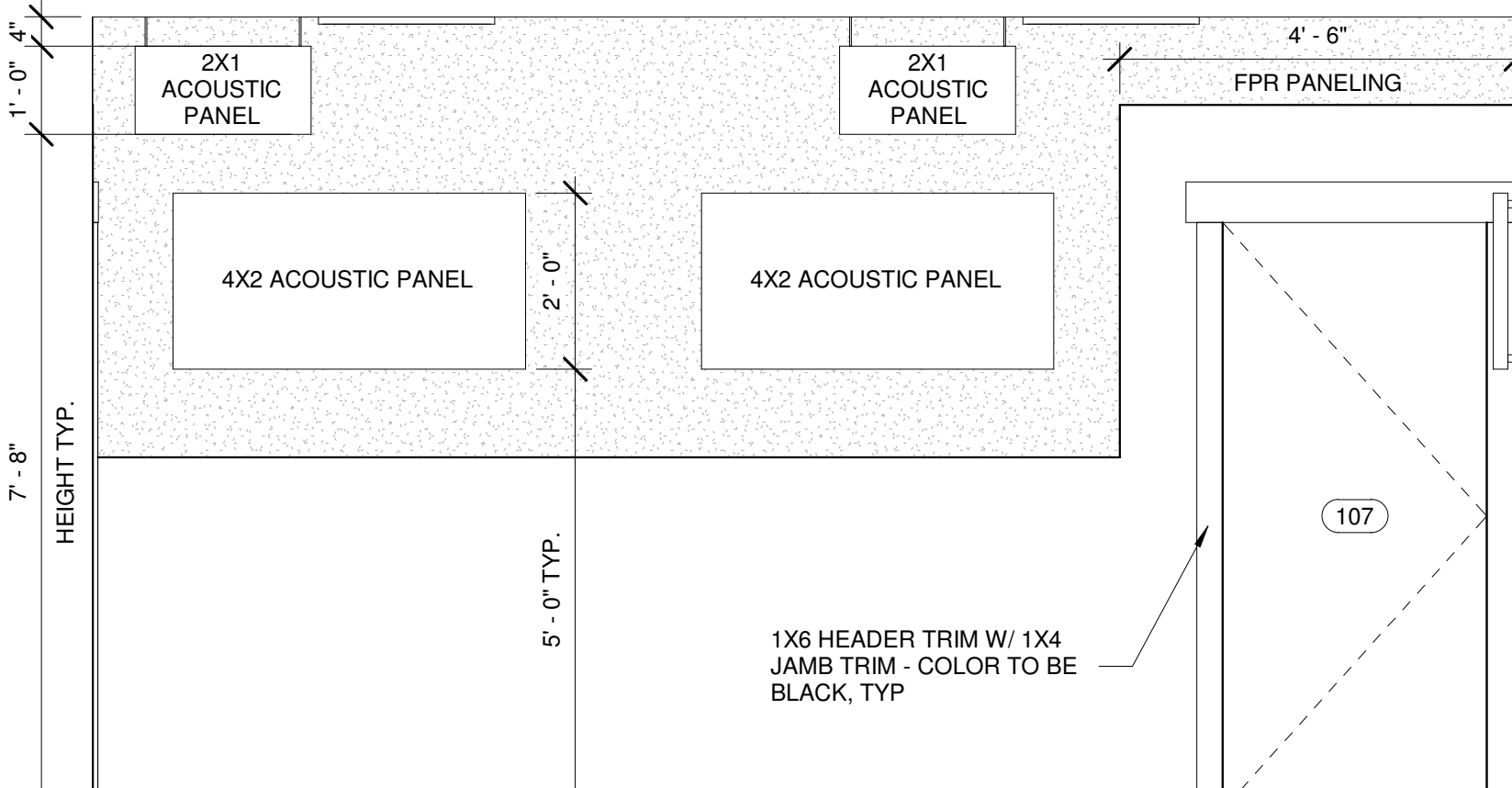
5 3D PERSPECTIVE DAYCARE NORTHEAST



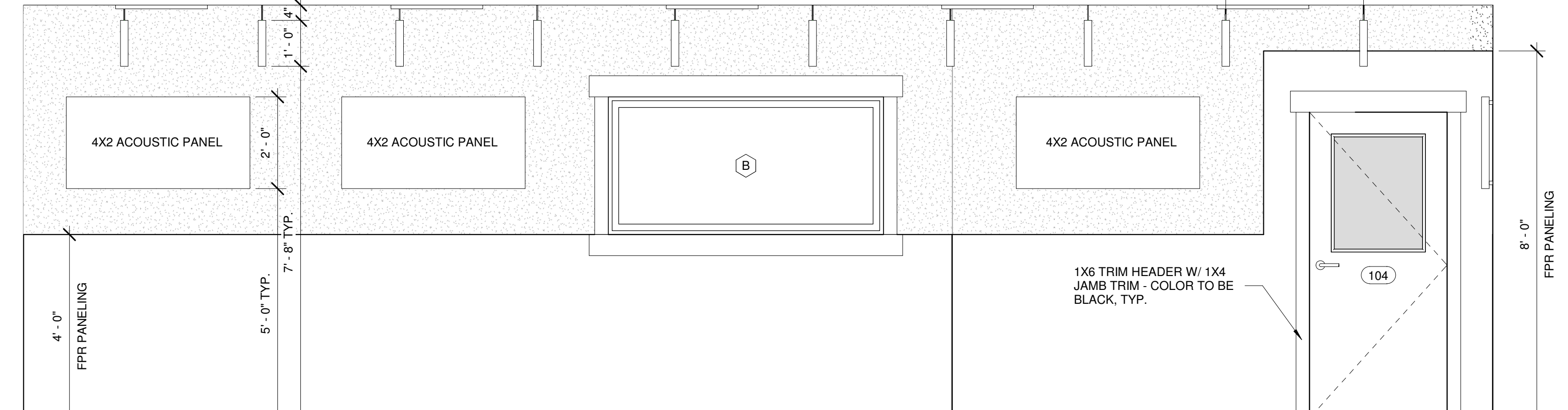
4 DAY CARE - ELEVATION 4
1/2" = 1'-0"



3 DAY CARE - ELEVATION 3
1/2" = 1'-0"



2 DAY CARE - ELEVATION 2
1/2" = 1'-0"



1 DAY CARE - ELEVATION 1
1/2" = 1'-0"

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A8

DAYCARE ROOM DETAILS

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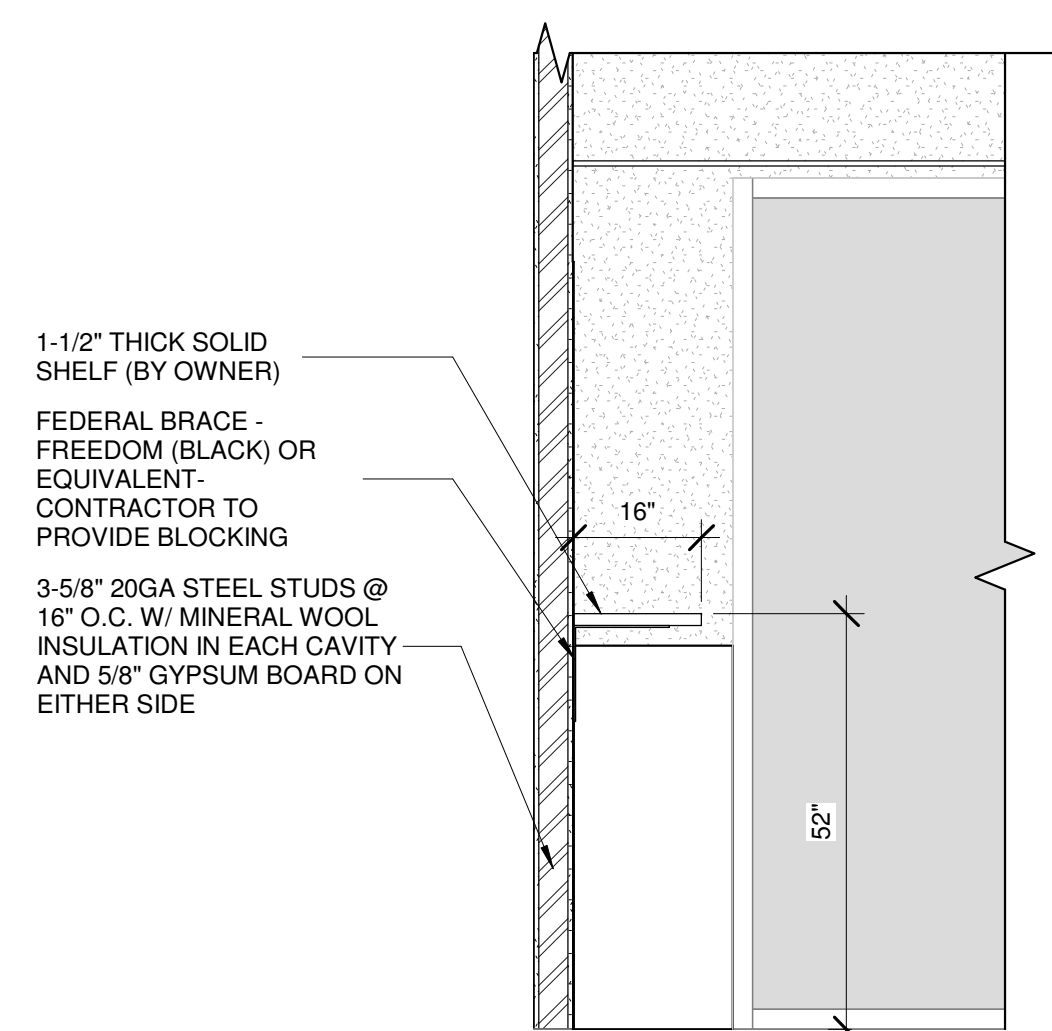
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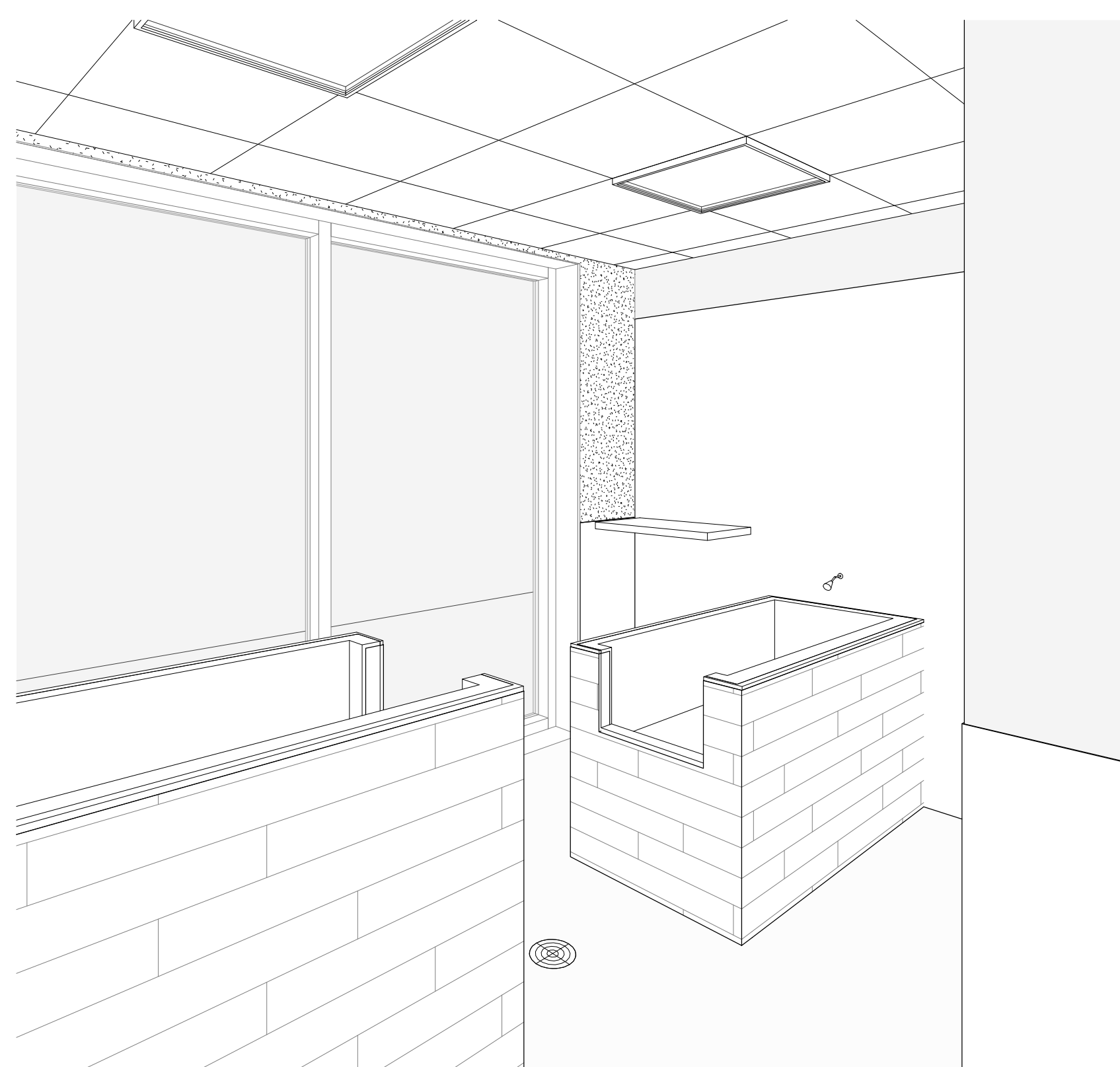
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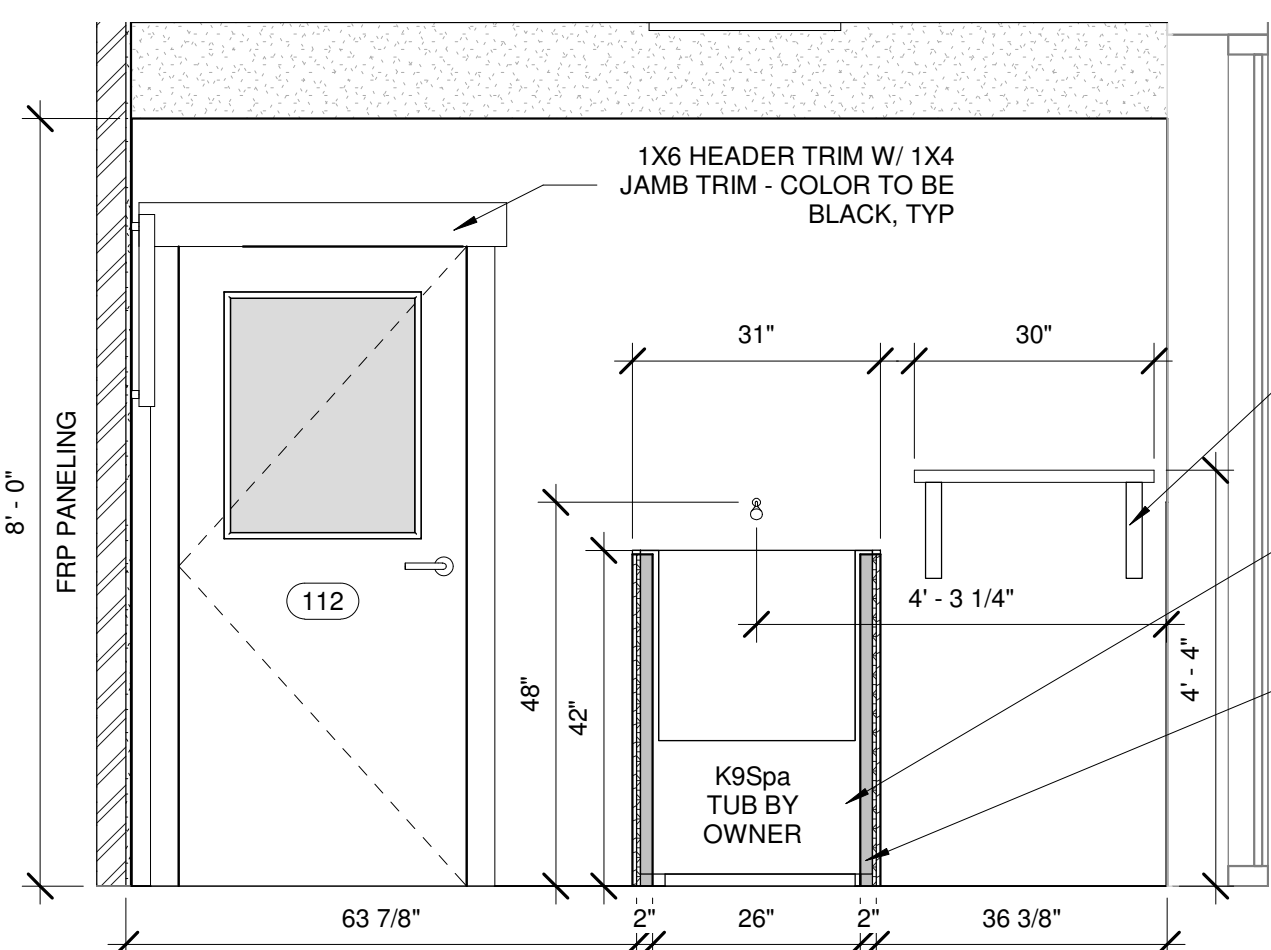
5 D.I.Y. WASH SHELF SECTION
1/2" = 1'-0"



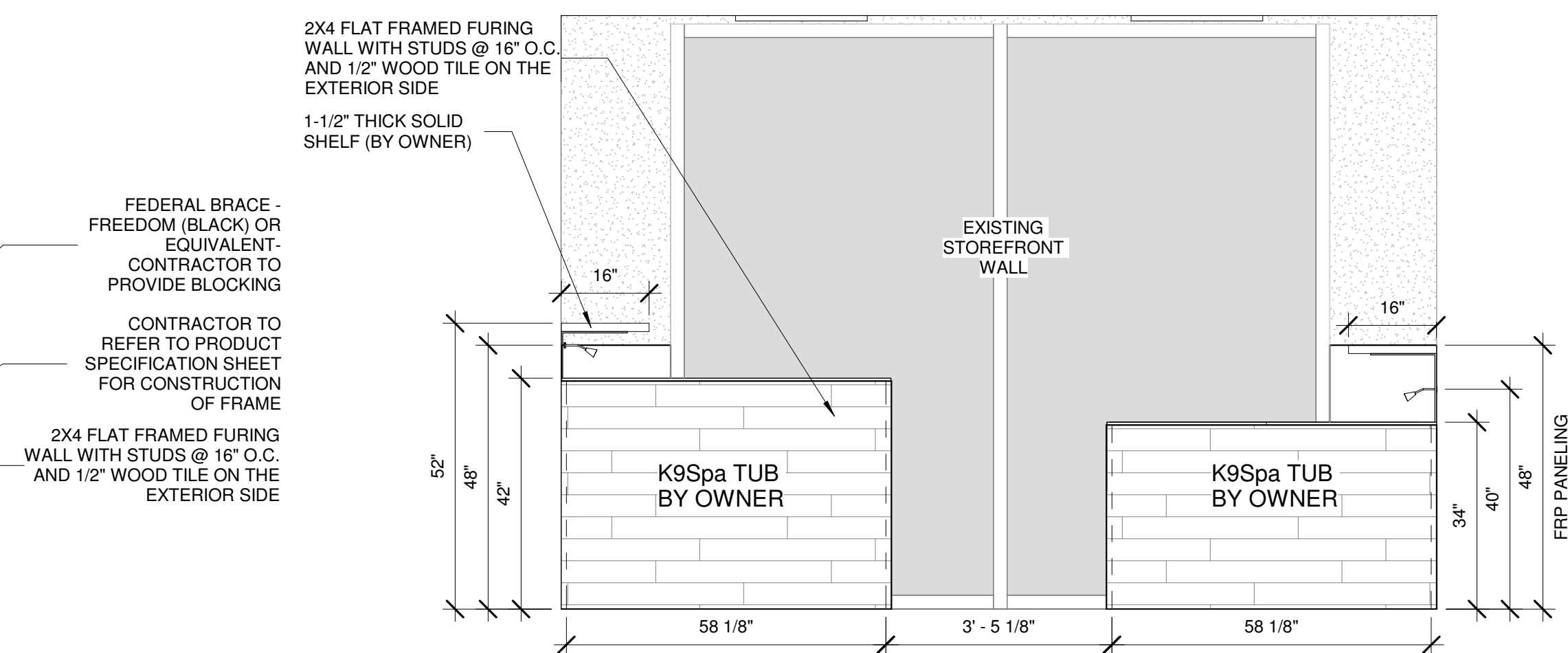
6 3D PERSPECTIVE D.I.Y. WASH NORTHEAST



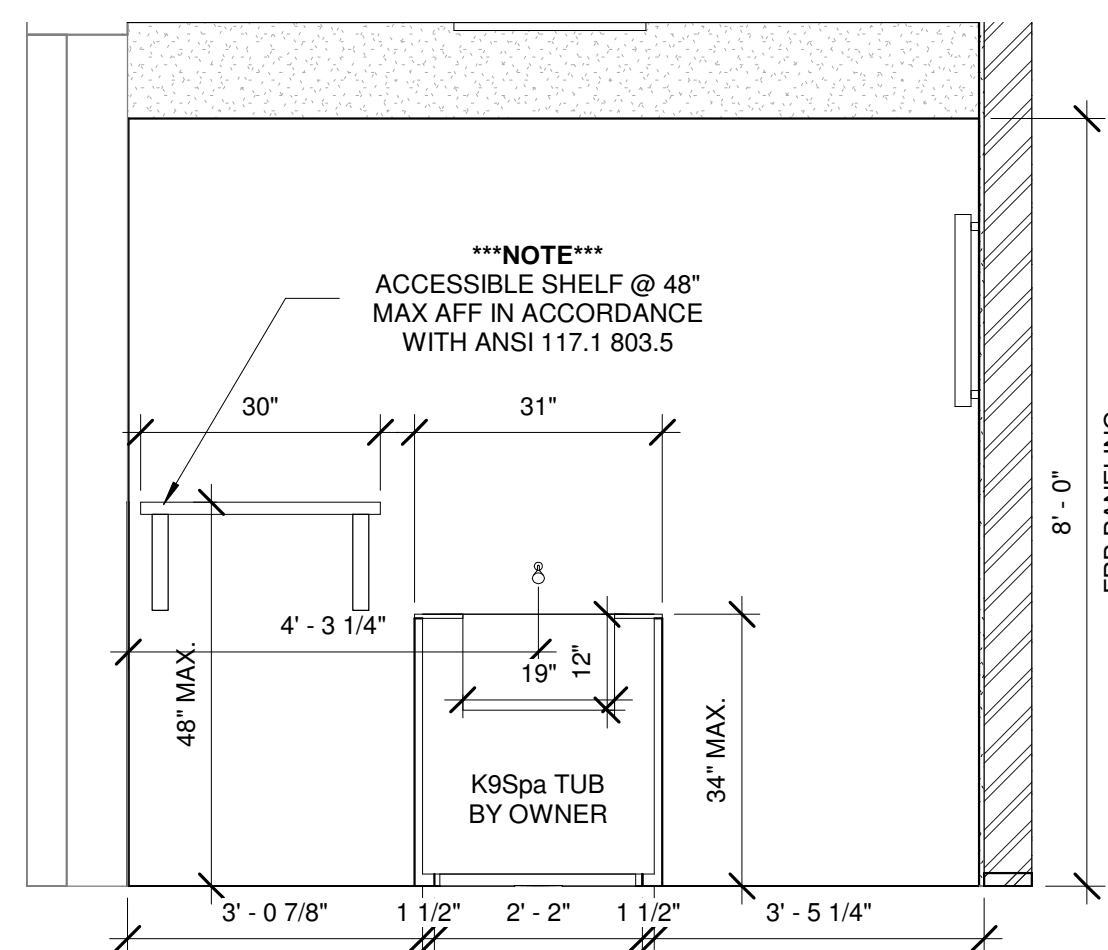
7 3D PERSPECTIVE D.I.Y. WASH NORTHWEST



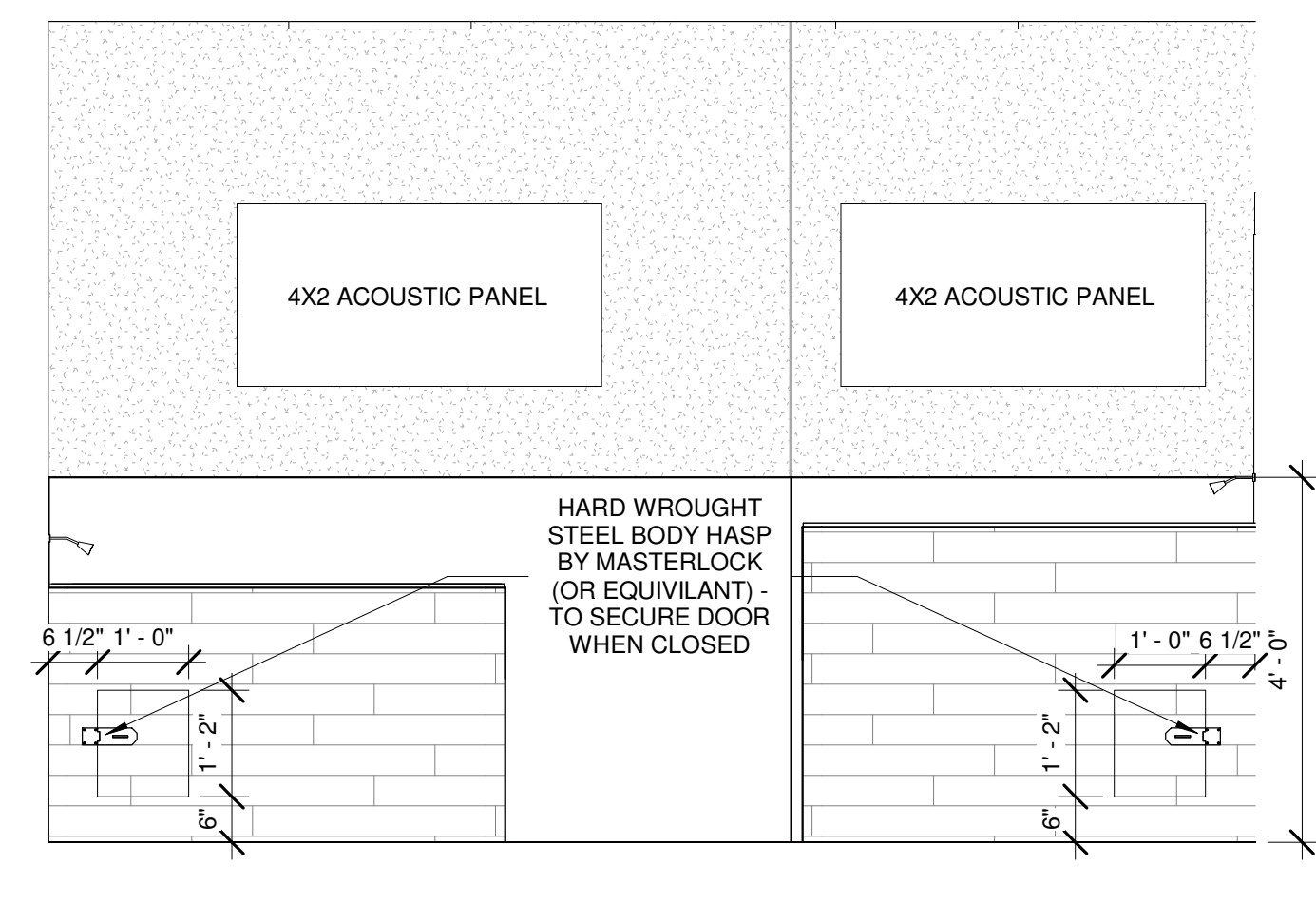
1 D.I.Y. WASH - ELEVATION 1
1/2" = 1'-0"



2 D.I.Y. WASH - ELEVATION 2
1/2" = 1'-0"



3 ADA D.I.Y. WASH - ELEVATION 3
1/2" = 1'-0"



4 PLUMBING ACCESS DOOR ELEVATION
1/2" = 1'-0"

F9

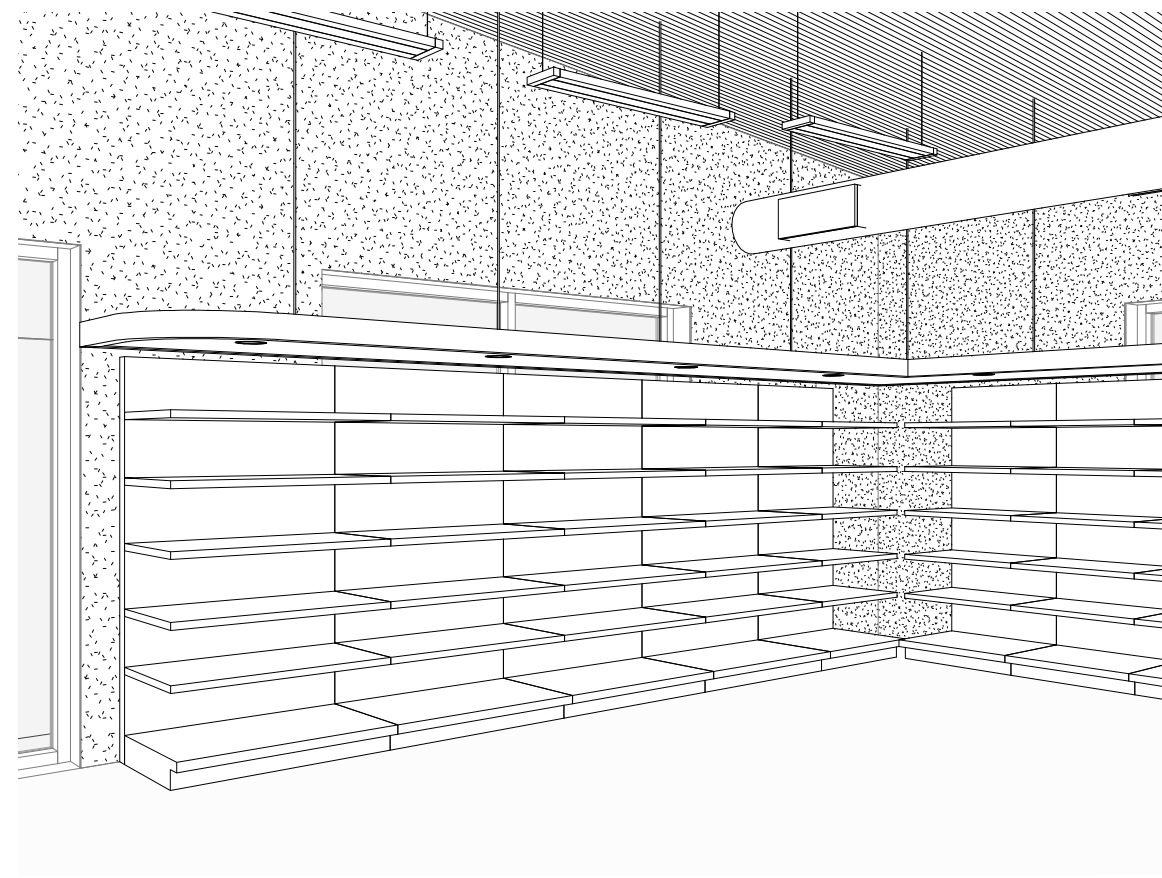
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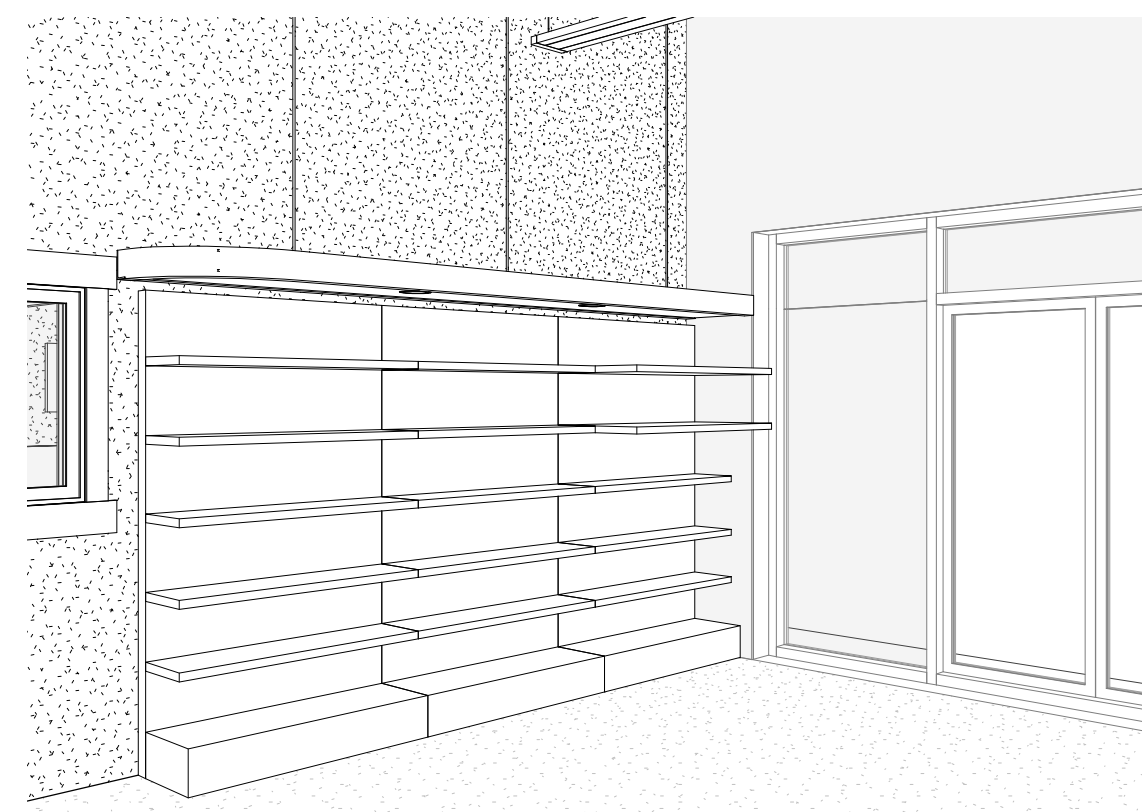
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A9

NOT FOR CONSTRUCTION



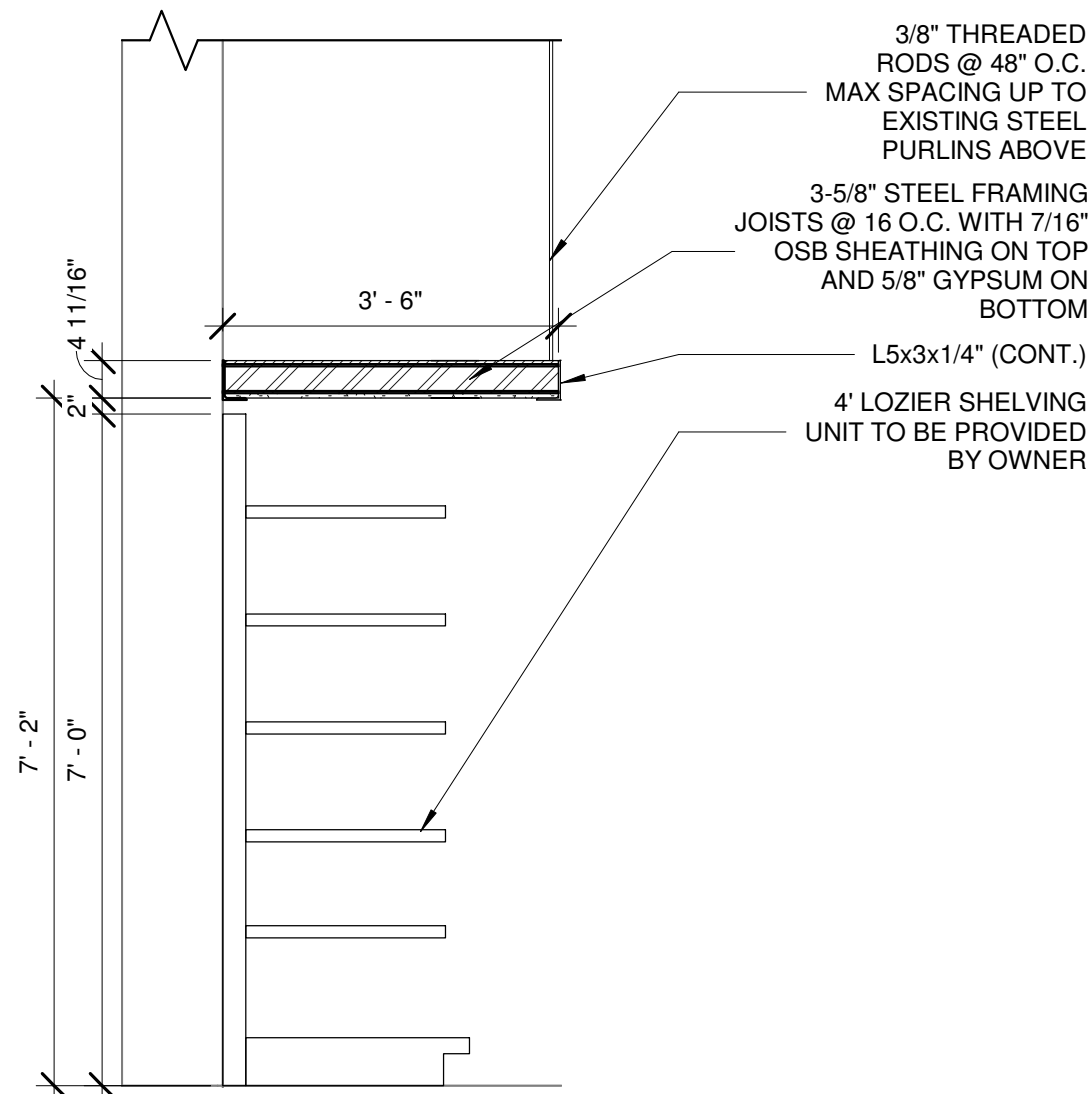
1 3D PERSPECTIVE RETAIL SHELVING NORTHWEST



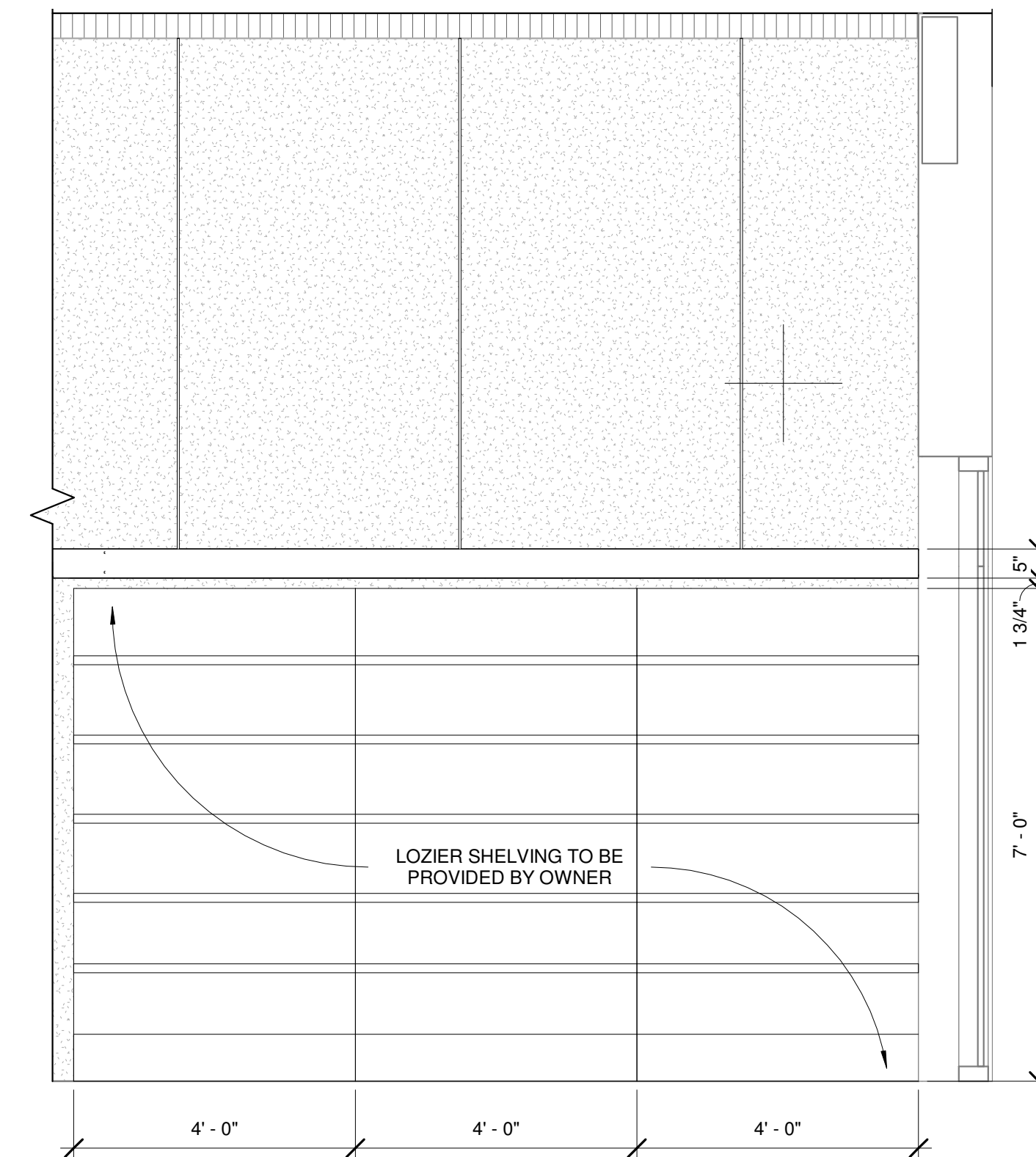
8 3D PERSPECTIVE RETAIL SHELVING SOUTHWEST



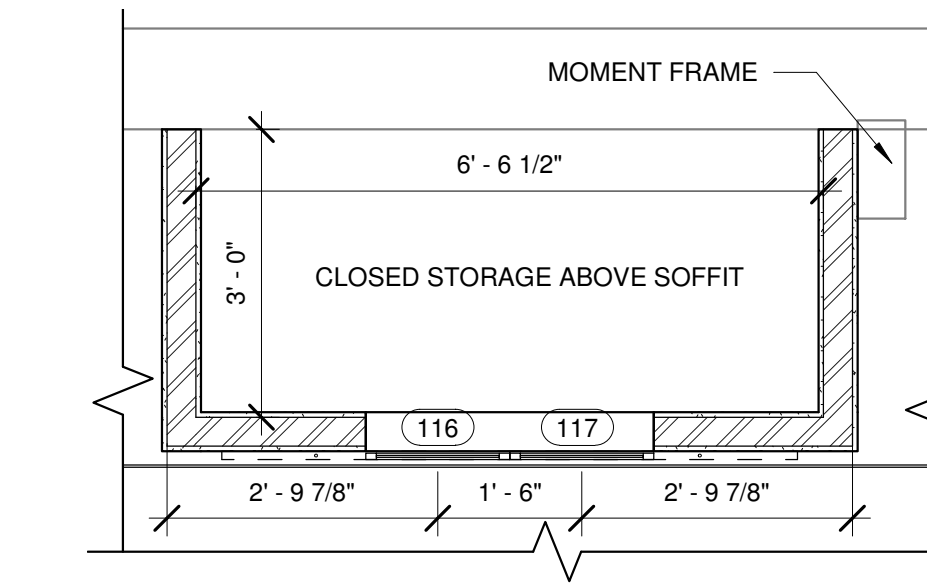
7 3D PERSPECTIVE RETAIL SHELVING NORTHEAST



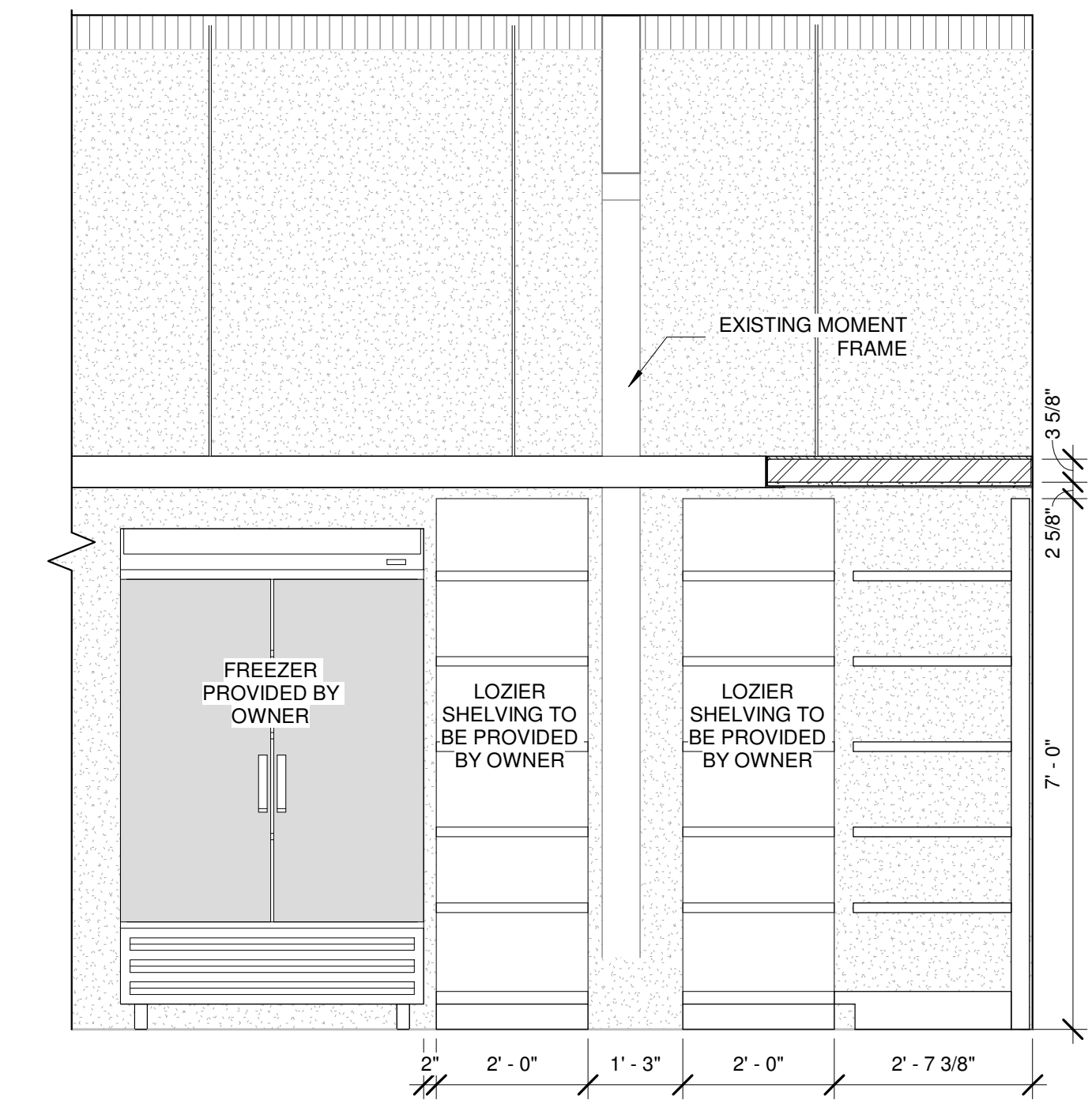
2 SOFFIT SECTION
1/2" = 1'-0"



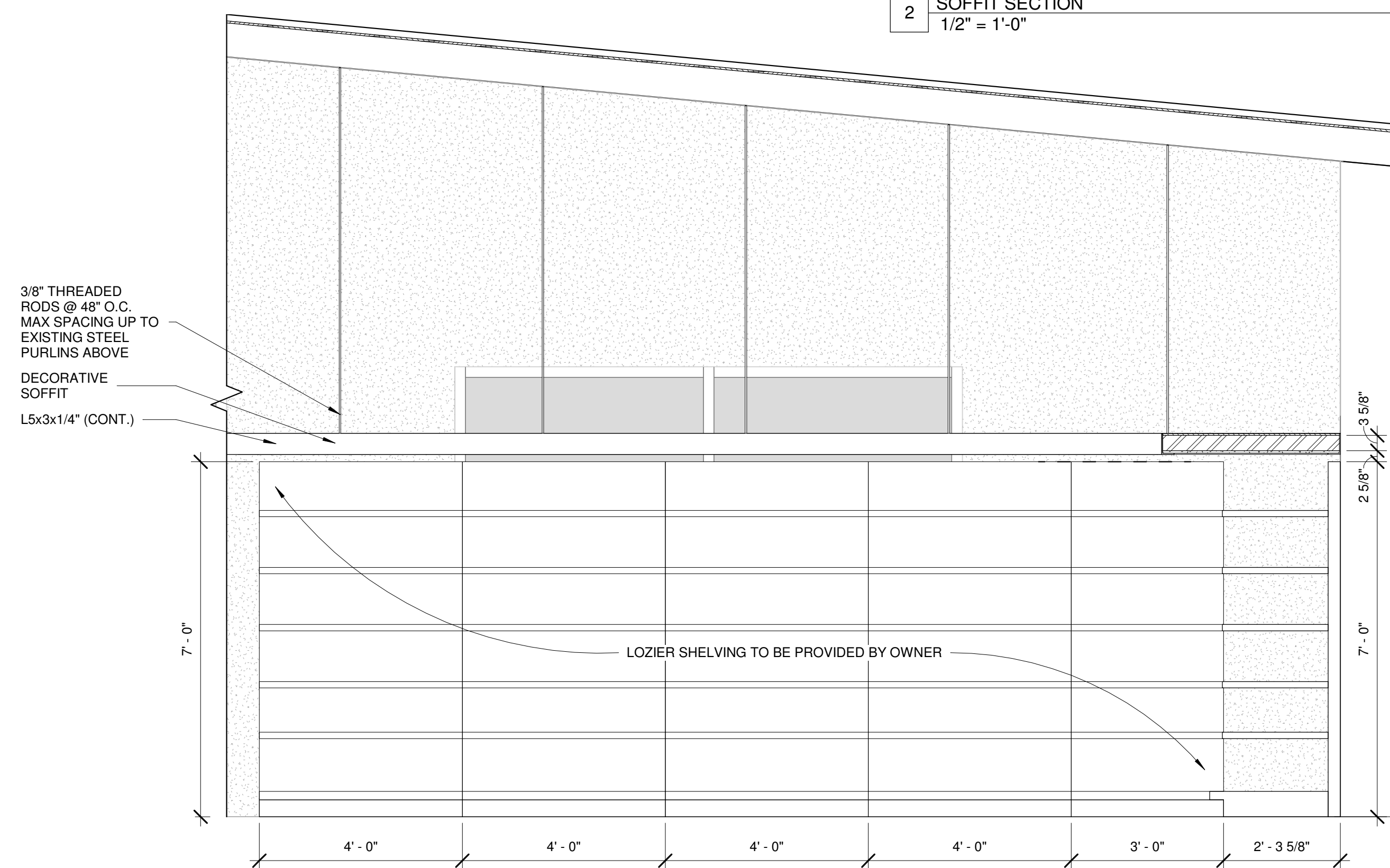
5 SHELVING UNIT ELEVATION 2
1/2" = 1'-0"



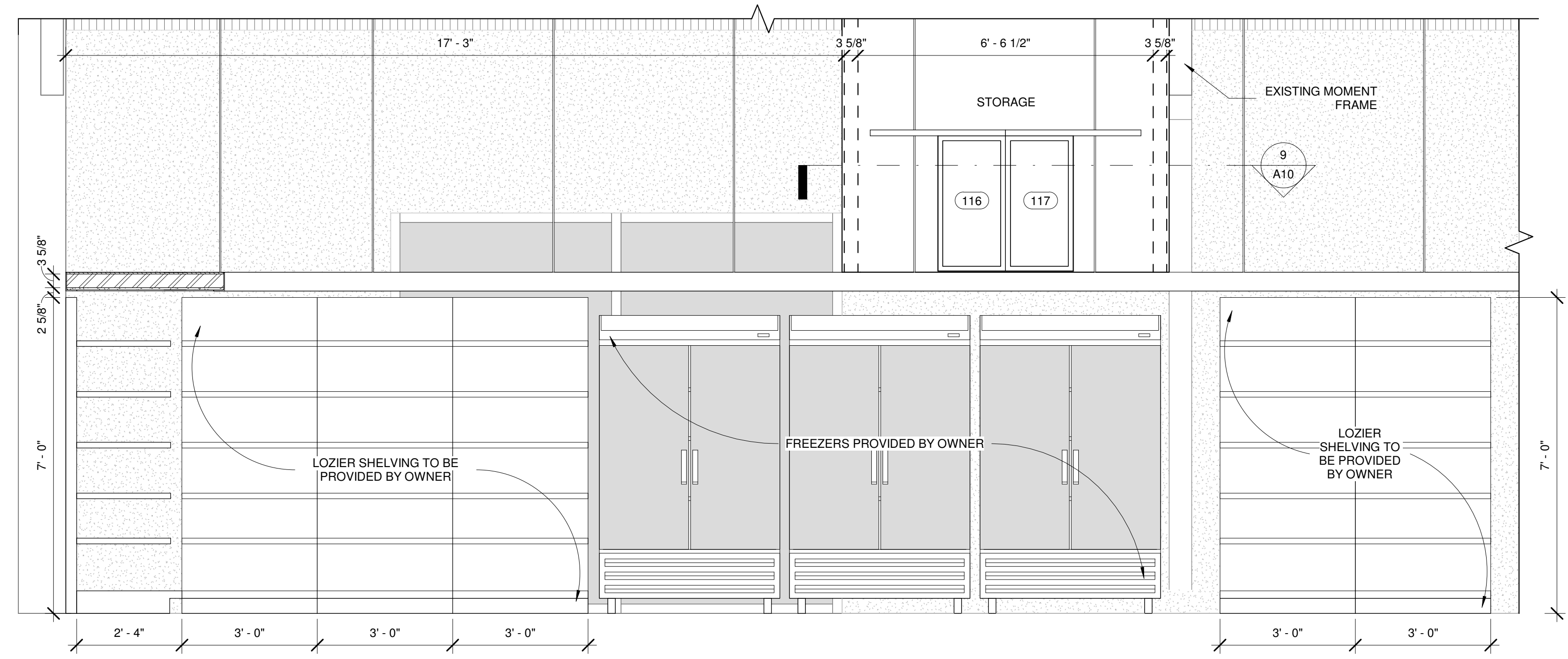
9 STORAGE ABOVE SOFFIT SECTION
1/2" = 1'-0"



6 SHELVING UNIT ELEVATION 4
1/2" = 1'-0"



4 SHELVING UNIT ELEVATION 3
1/2" = 1'-0"



3 SHELVING UNIT ELEVATION 1
1/2" = 1'-0"

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A10

RETAIL SHELVING DETAILS

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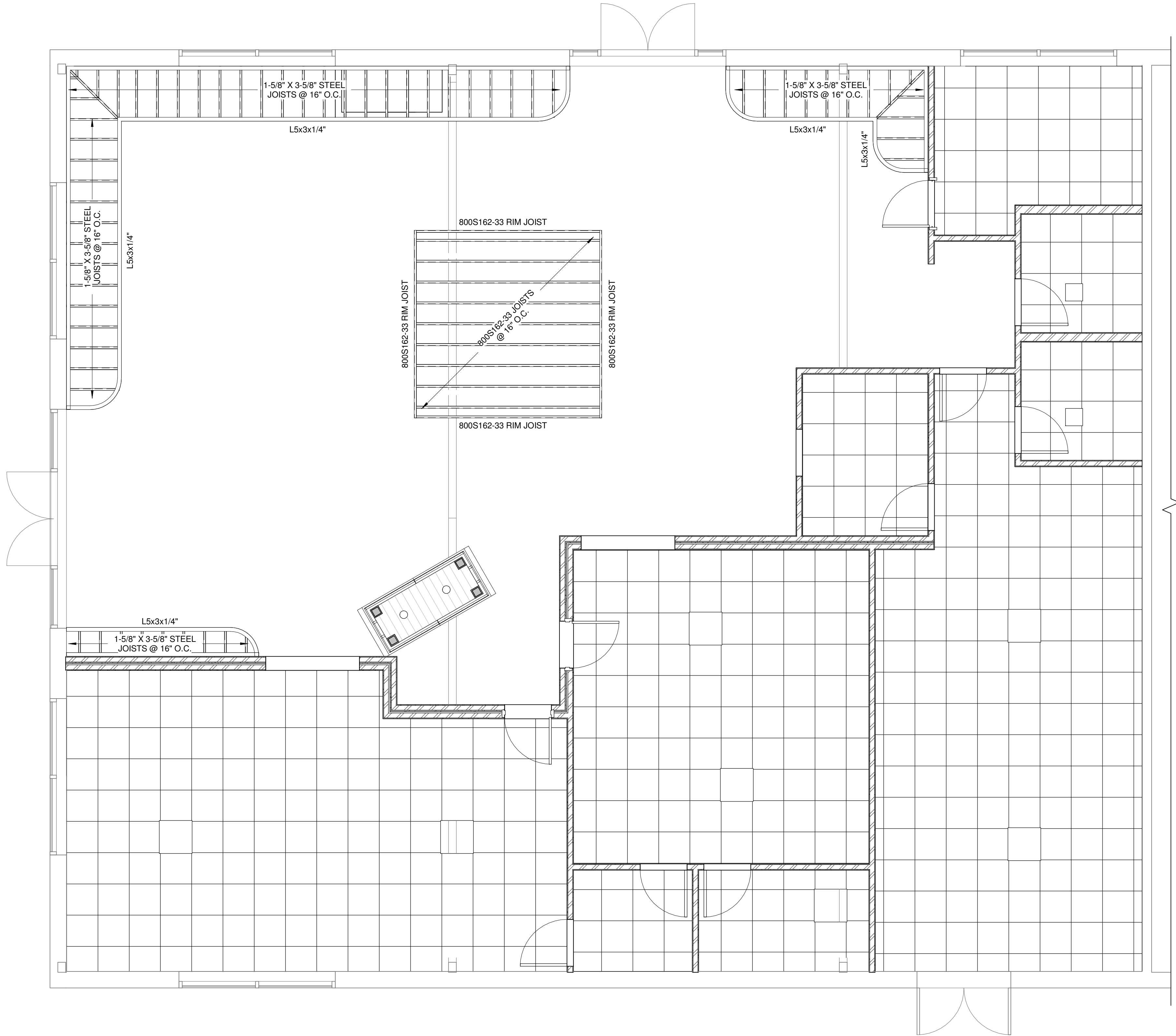
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A11



1 CEILING FRAMING PLAN
1/4" = 1'-0"

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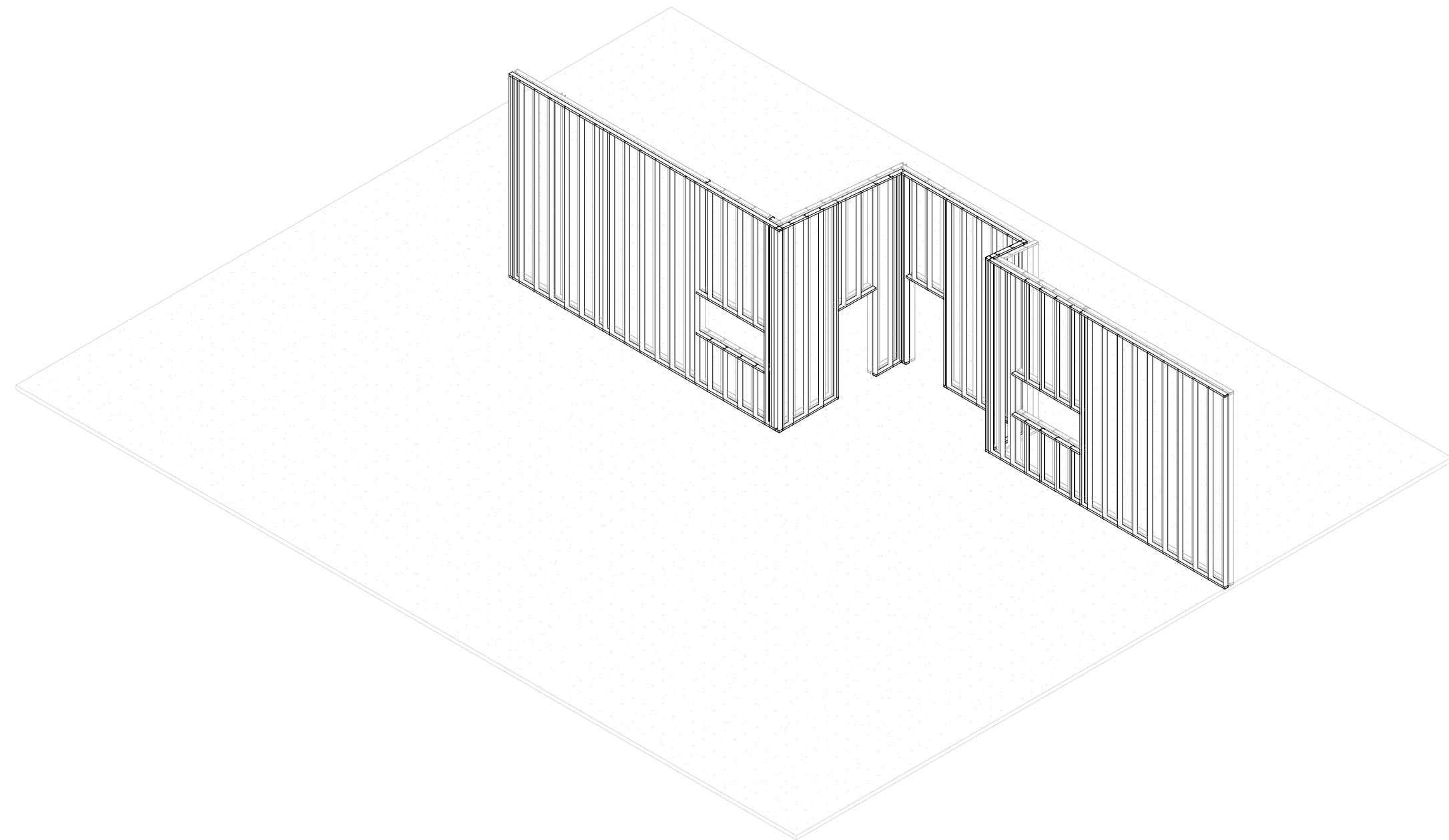
A12

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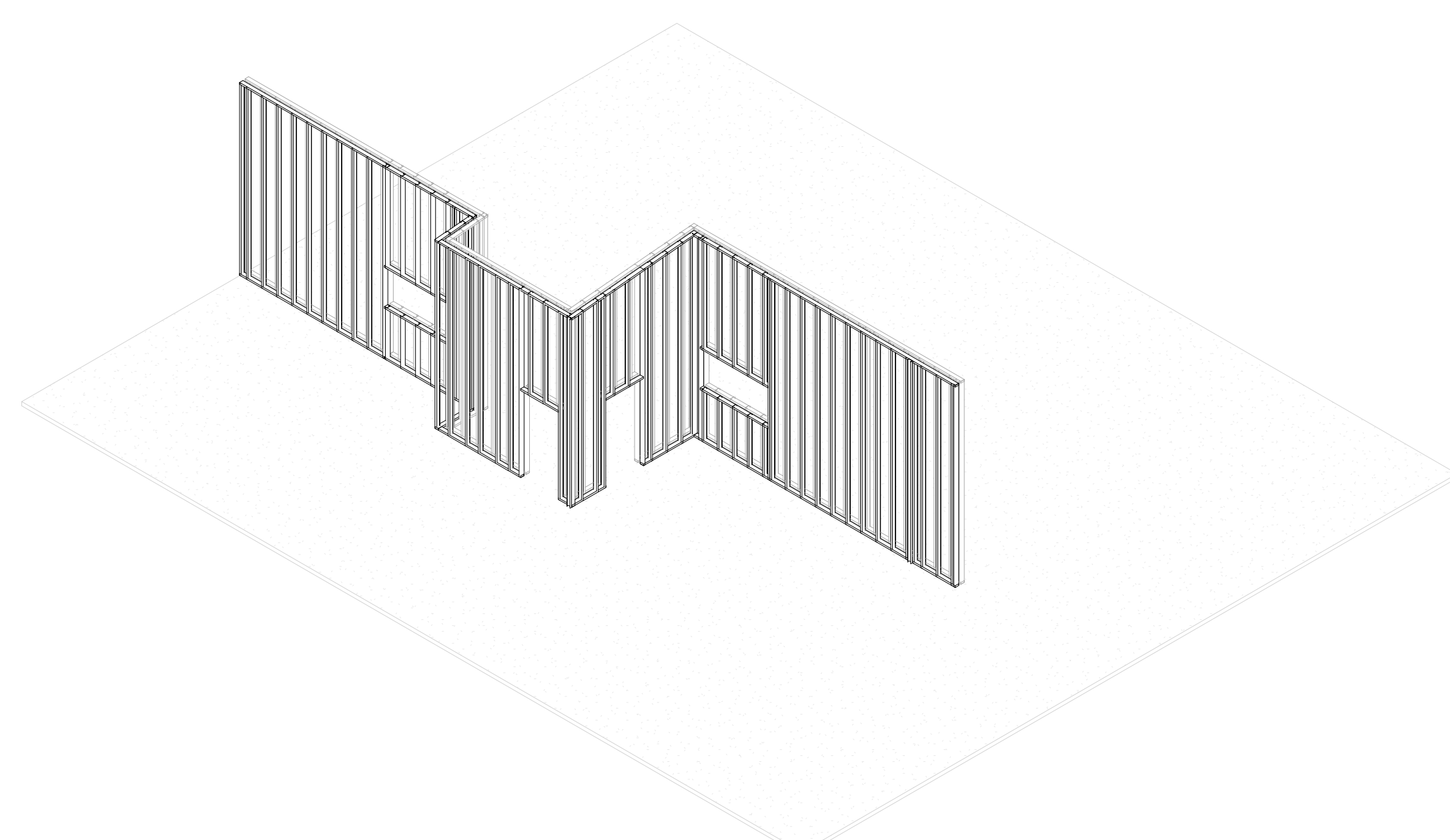
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2 3D FRAMING - P1 NORTH WALL



3 3D FRAMING - P1 SOUTH WALL

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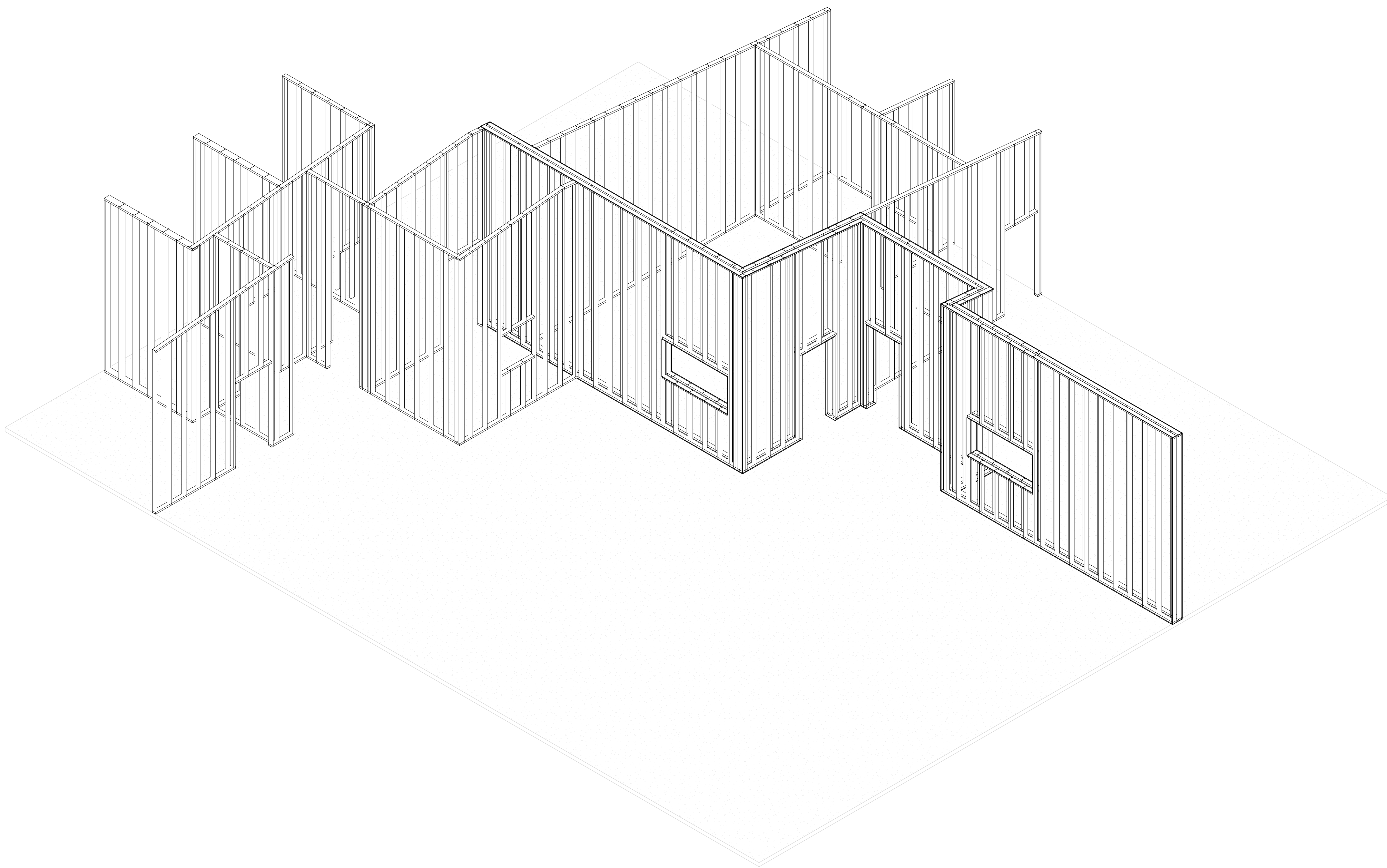
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1 3D FRAMING

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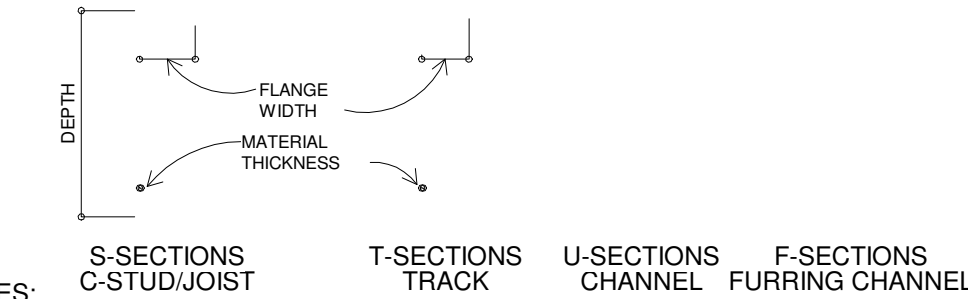
A12
3D FRAMING

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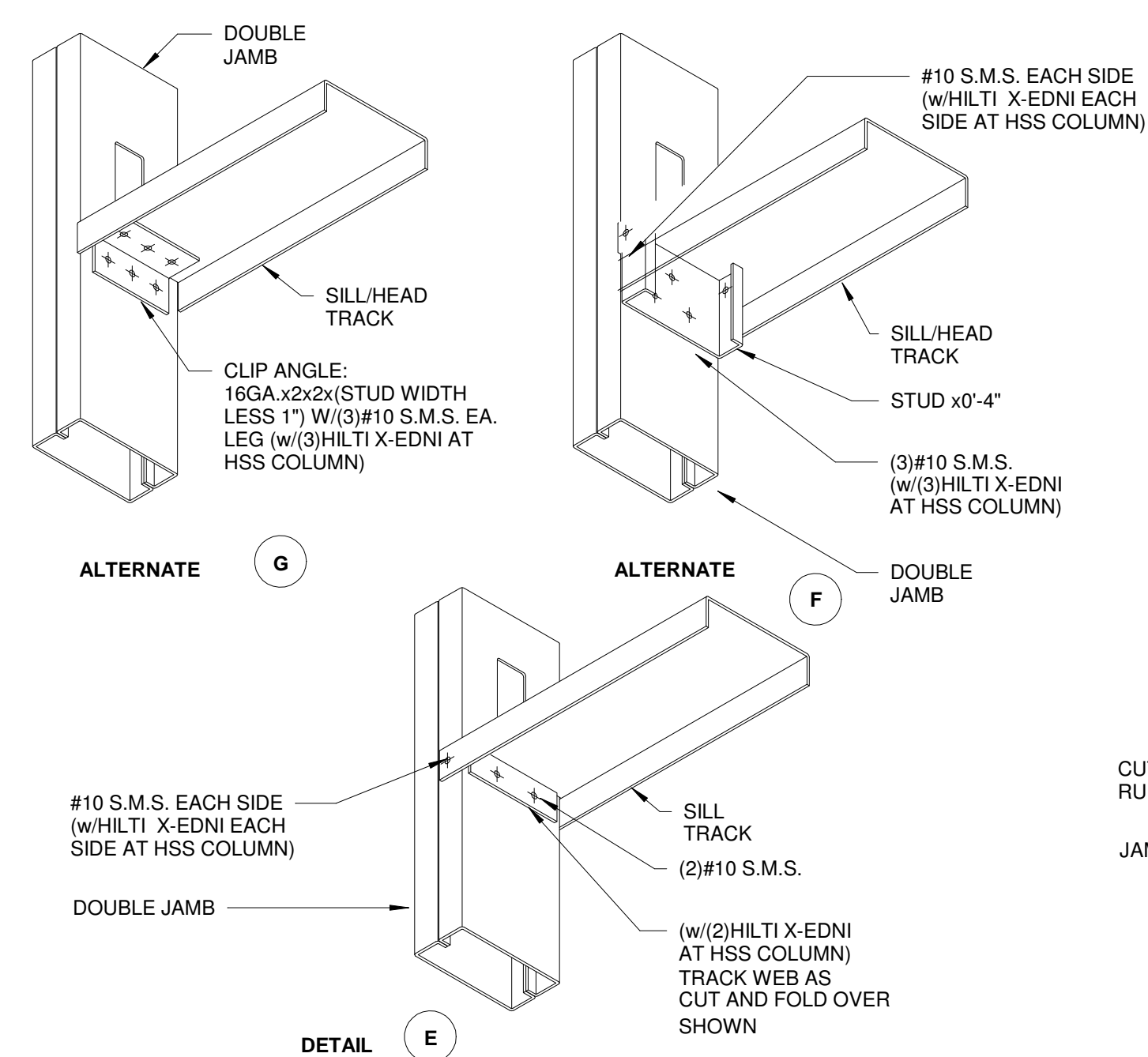
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EXAMPLE: 800 S 162 54

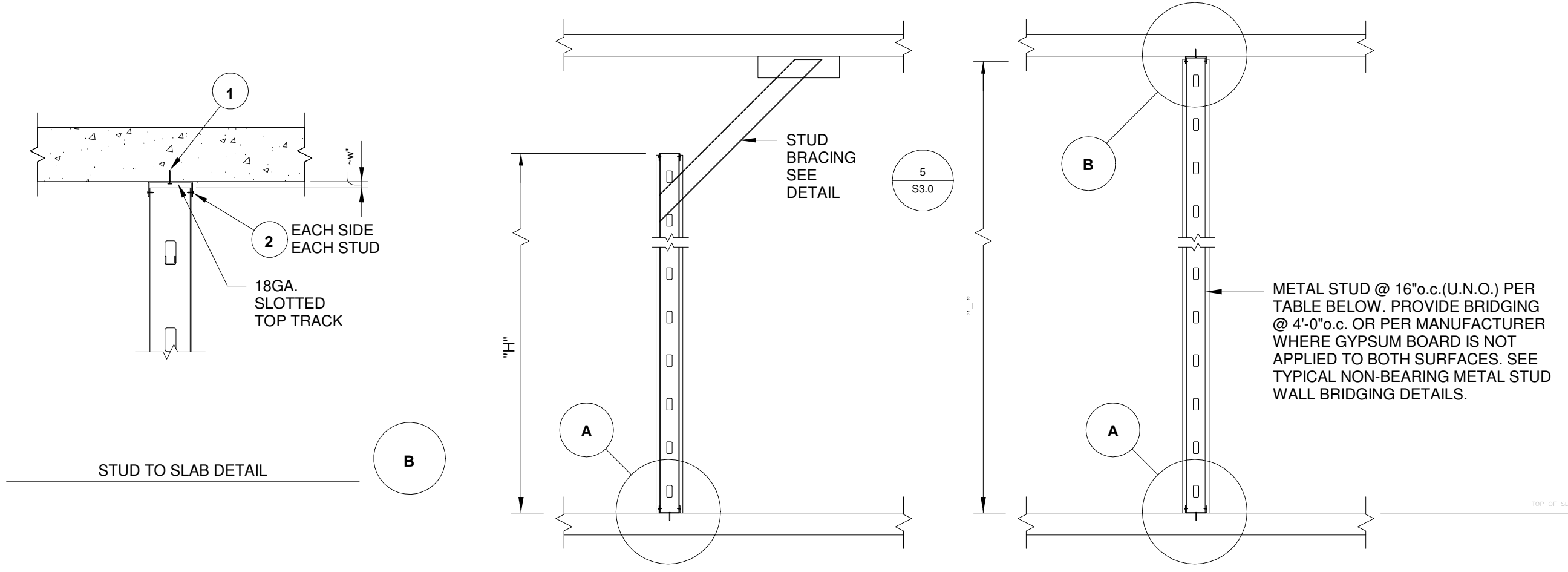
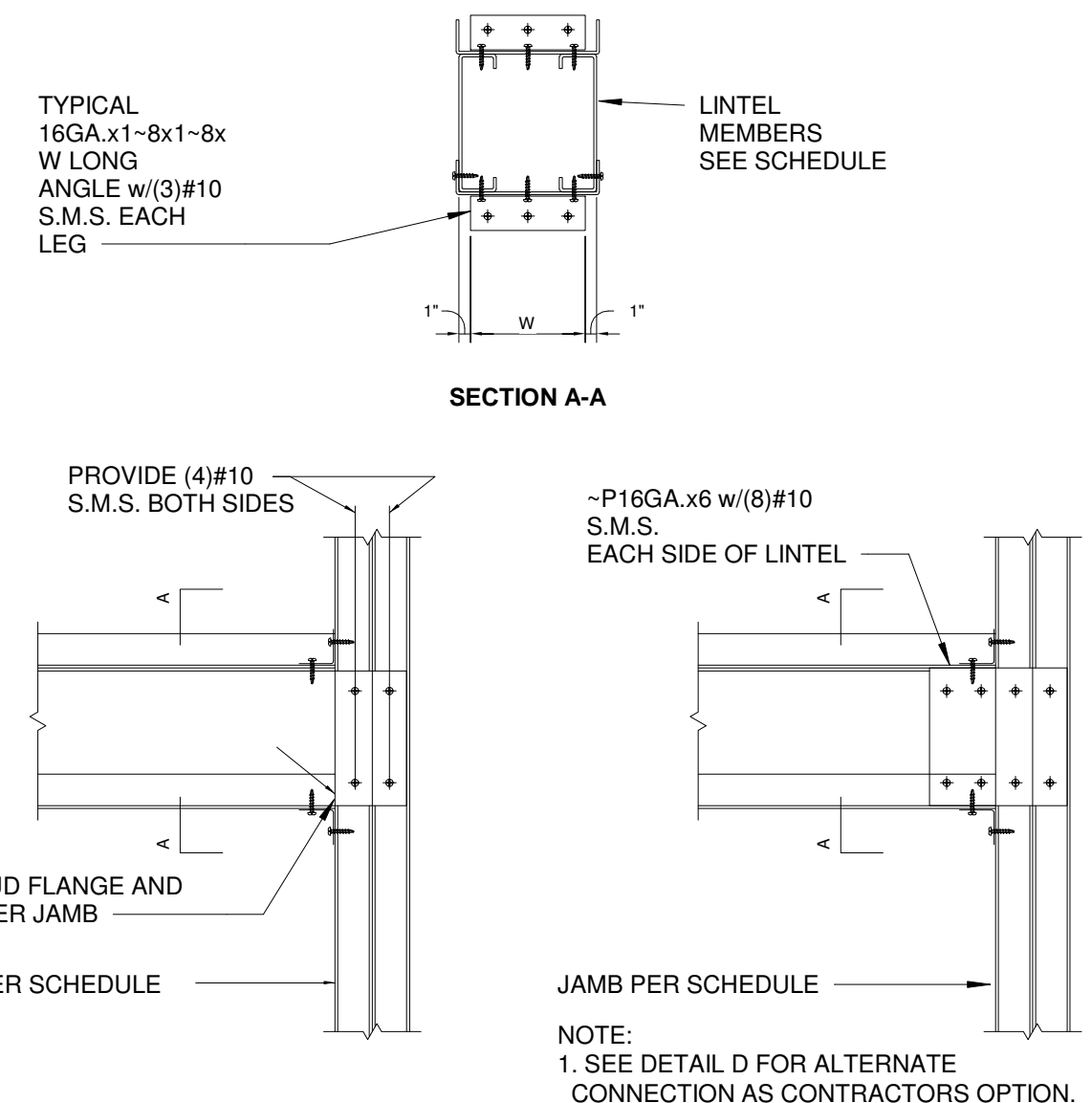
STEEL FRAMING SCHEDULE					
DEPTHS	STYLES	FLANGE WIDTH	MATERIAL THICKNESS		
			FLANGE	WEB	BASE
162 = 1'-0"	S = STUD AND JOIST	125 = 1'-4"	18	(.0188")	25 GA.
250 = 2'-8"	T = TRACK	137 = 1'-6"	27	(.0283")	22 GA.
350 = 3'-8"	U = CHANNEL	150 = 1'-8"	33	(.0348")	20 GA.
362 = 3'-0"	F = FURRING CHANNEL	162 = 1'-0"	43	(.0451")	18 GA.
400 = 4'		200 = 2'	54	(.0566")	16 GA.
550 = 5'-8"		250 = 2'-8"	68	(.0713")	14 GA.
600 = 6'			97	(.1017")	12 GA.
800 = 8'					
1000 = 10'					*95% OF DESIGN THICKNESS
1200 = 12'					



- NOTES:
 1. SEE LIGHT GAGE FRAMING NOTES FOR ADDITIONAL REQUIREMENTS
 2. ALL STUDS TO BE USED AS JOISTS-TO BE "UNPUNCHED"

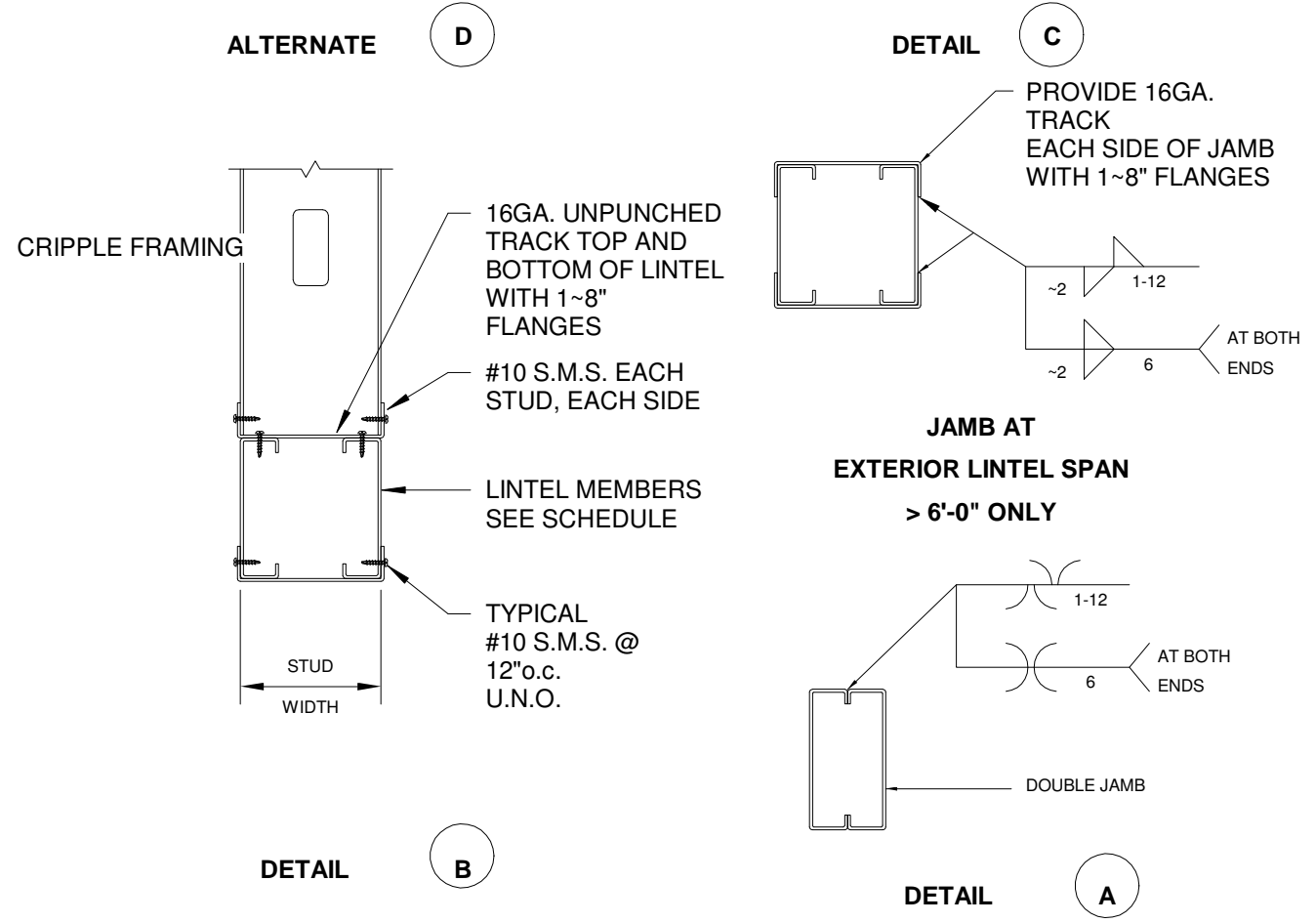
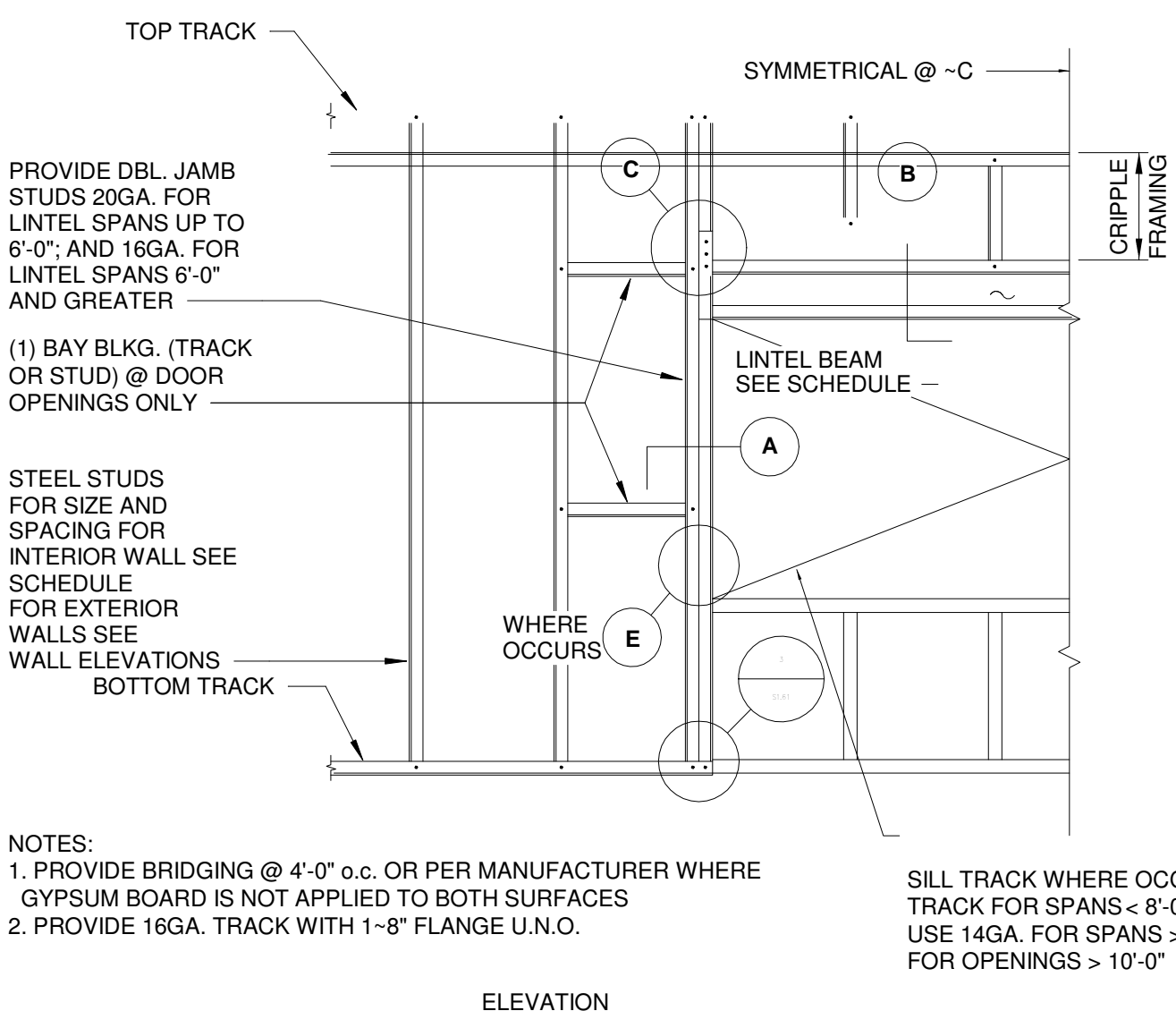


NOTE:
 1. SEE DETAILS F&G FOR ALTERNATE CONNECTION AS CONTRACTORS OPTION.

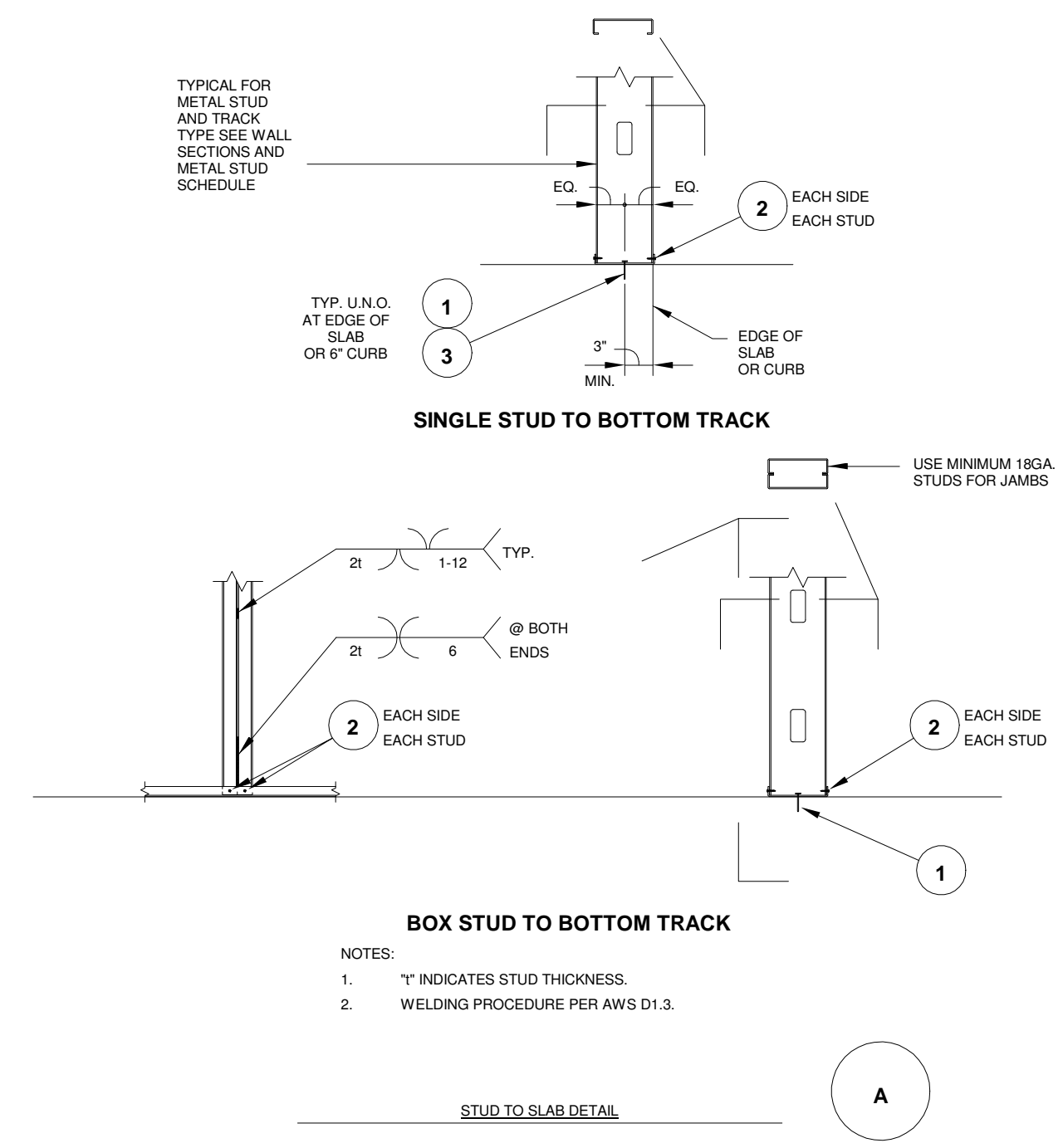


METAL STUD SIZE (1-5/8" FLANGE - 162)				
GAUGE	3-5/8"	4"	6"	8"
14	19'-4"	21'-6"	29'-11"	-
16	18'-1"	20'-1"	27'-11"	-
18	16'-11"	18'-9"	26'-0"	-
20	15'-0"	16'-8"	23'-1"	-

- NOTES:
 1. MAXIMUM STUD HEIGHT "H" FOR STUDS @16" O.C.
 2. SEE ARCHITECTURAL FOR OTHER CONDITIONS
 3. LIMIT DEFLECTION TO "H"/240
 4. NO ARCHITECTURAL, MECHANICAL OR MIS. ELEMENTS SHALL BE ATTACHED TO THE STUDS
 5. ALL TRACKS SHALL MATCH STUD GAUGE AS A MINIMUM WITH 1-1/4" FLANGES



LINTEL SCHEDULE U.N.O.		
SPAN	LINTEL SIZE	COMMENTS
<6'-0"	(2)400S162-43	-
6'-0"<-8'-0"	(2)600S162-43	-
8'-0"<-10'-0"	(2)600S162-54	-
10'-0"<-15'-0"	(2)600S162-54	AT INTERIOR LINTELS ONLY
15'-0"<-20'-0"	(2)800S162-68	-



METAL STUD FASTENER SCHEDULE		
MARK	FASTENERS SIZE AND SPACING	REMARKS
1	HILTI-X-U UNIVERSAL POWDER DRIVEN FASTENERS w/MINIMUM PENETRATION OF 1" @ 32" o.c. (AT POST-TENSION SLABS PENETRATION TO BE "w" @ 16" o.c.)	ESR-2 292 LARR # 25675
2	#10 SHEET METAL SCREW x 1" LONG	-
3	HILTI-KB-TZ -6"x3" x 2-0" EXPANSION ANCHORS @ 32" o.c.	ESR-1917 LARR#25701

- NOTES:
 1. FOR STEEL STUD AND TRACK TYPE, SEE PLANS, SECTIONS AND METAL STUD SIZE SCHEDULE.
 2. FOR METAL STUD FASTENERS, SEE METAL STUD FASTENER SCHEDULE.

TYPICAL METAL STUD FRAMING GUIDELINE

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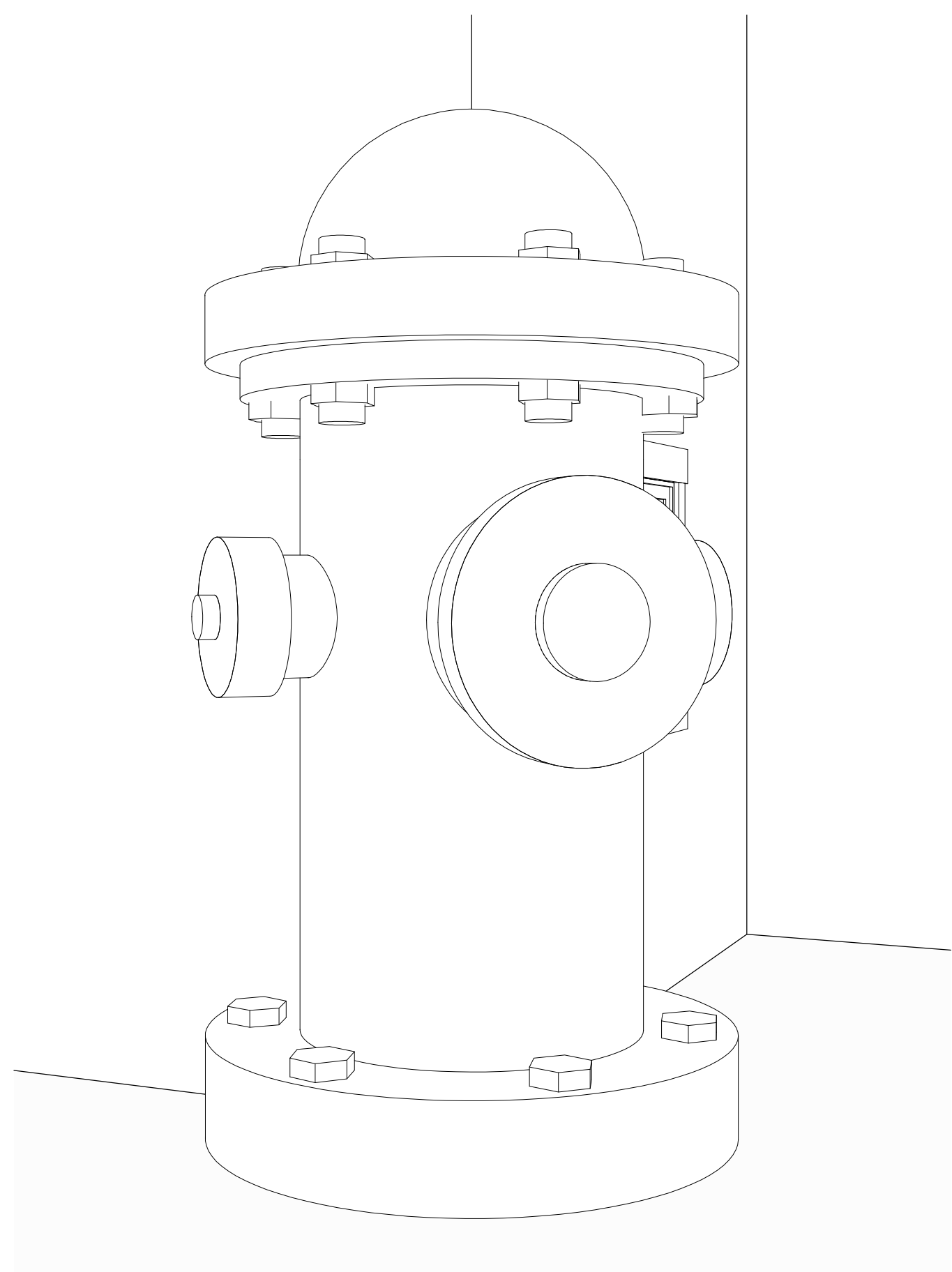
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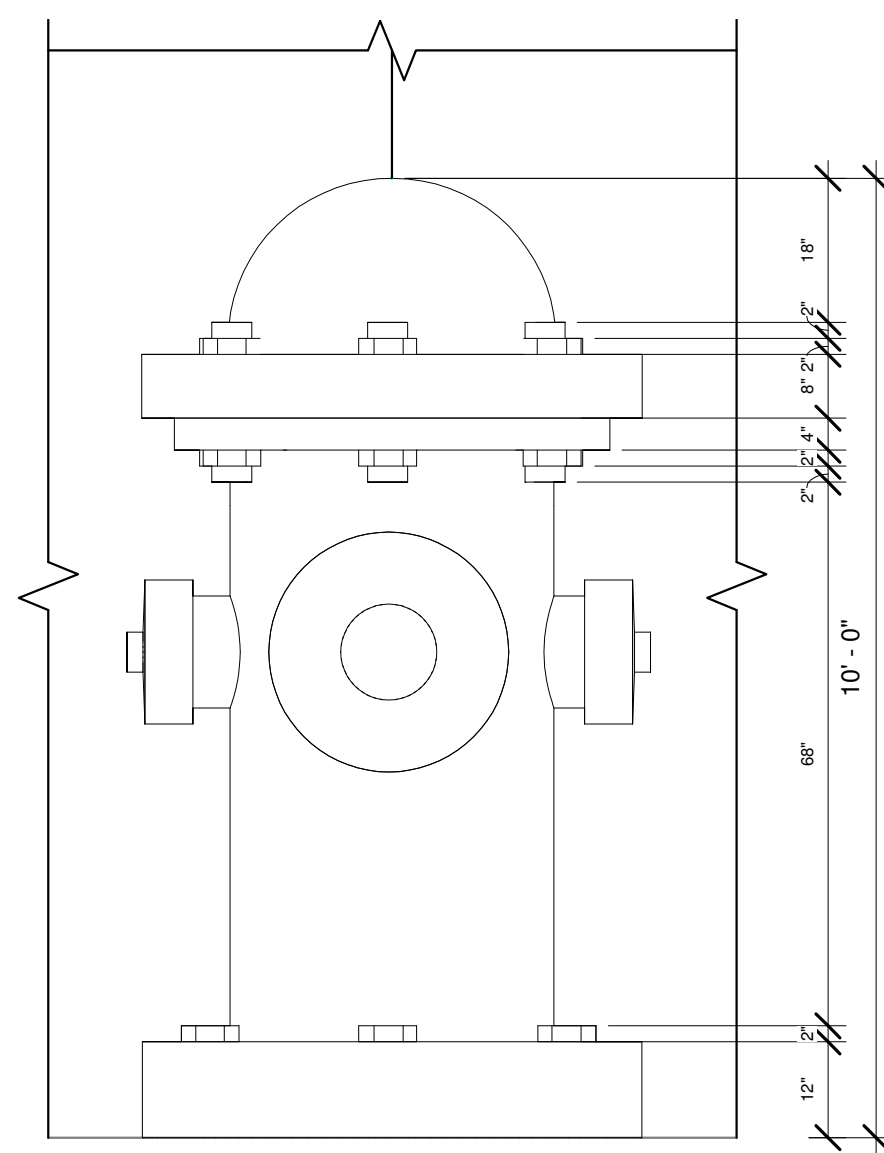
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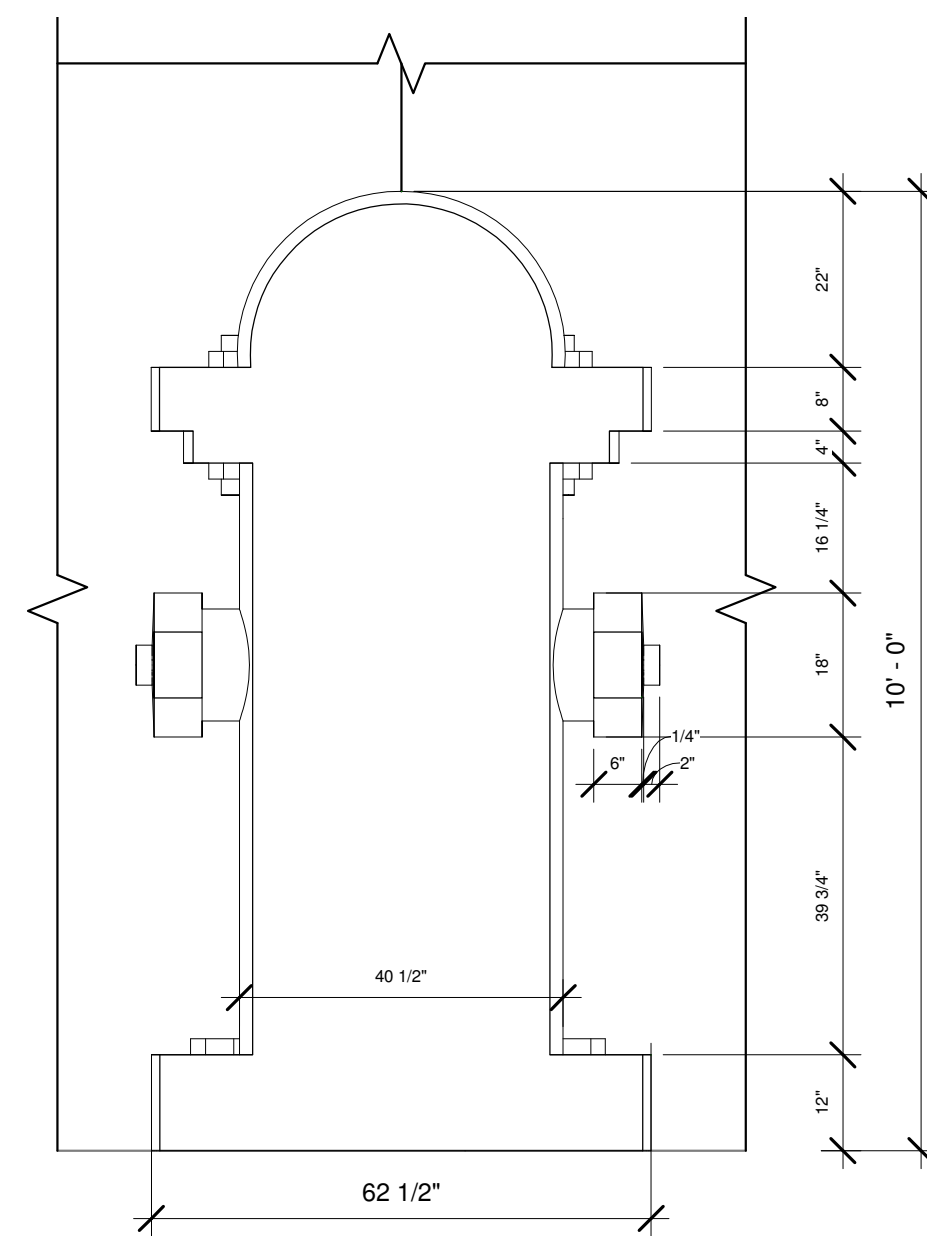
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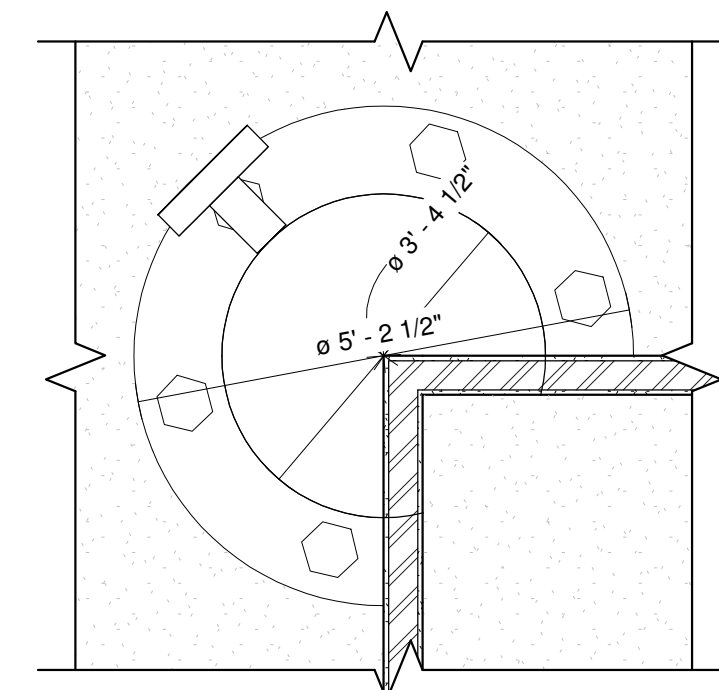
1 3D PERSPECTIVE FIRE HYDRANT



2 FIRE HYDRANT ELEVATION 1
1/2" = 1'-0"



3 FIRE HYDRANT SECTION
1/2" = 1'-0"



4 FIRE HYDRANT CALL OUT
1/2" = 1'-0"

F9

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A14

FIRE HYDRANT DETAILS

NOT FOR CONSTRUCTION

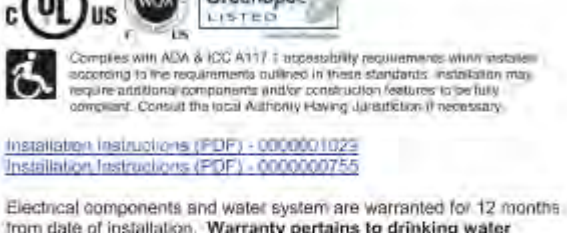
ELKAY SPECIFICATIONS Elkay EZH2O Bottle Filling Station with Integral SwirlFlo Fountain Non-Filtered Non-Refrigerated Stainless Model EZWS-EDFPBM117K

PRODUCT SPECIFICATIONS Elkay EZH2O Bottle Filling Station with Integral SwirlFlo Fountain, Non-Filtered Non-Refrigerated Stainless. Features include Hands Free, Green Ticker™, Laminar Flow, Antimicrobial, Real Drain, Furnished with Front Guard & Safety Bubble, Electronic Bottle Filler Sensor With Mechanical Front Bubble Button activation. Product shall be installed inside of a mounting frame, for indoor applications, serving 2 station(s). Unit shall be certified to UL 399 and CAN/CSA C22.2 No. 120. Unit shall be lead-free design which is certified to NSF/ANSI 61 & 372 (lead free) and meets Federal and State low-lead requirements.

Special Features: Hands Free, Green Ticker™, Laminar Flow, Antimicrobial, Real Drain, Station(s) Served: 2, Finish: Stainless Steel, Power: 110V/60Hz, Bubble Style: Heavy Guard & Safety Bubble, Activation by: Electronic Bottle Filler Sensor With Mechanical Front Bubble Button, Mounting Type: Wall Mount (Mount Frame/Panel), Chilling Option: Non-refrigerated, Full Load Amps: 1, Panel Width: 15, Dimensions (L x W x H): 38-1/2" x 19" x 34-5/8", Approx. Shipping Weight: 110 lbs, Installation Location: Indoor, No. of Stations Served: 2

Special Note: Coming soon: Elkay's ezH2O is getting a new look. The model you receive may have an updated logo, different from what is shown here. Mechanically-Activated bubble continues to supply water in event of service disruptions. Green Ticker™ informs user of number of 20 oz. plastic water bottles served from well. Laminar flow provides a fill with minimal splash. Silver Ion Antimicrobial protection on key plastic components to inhibit the growth of mold and viruses. Real Drain System eliminates standing water.

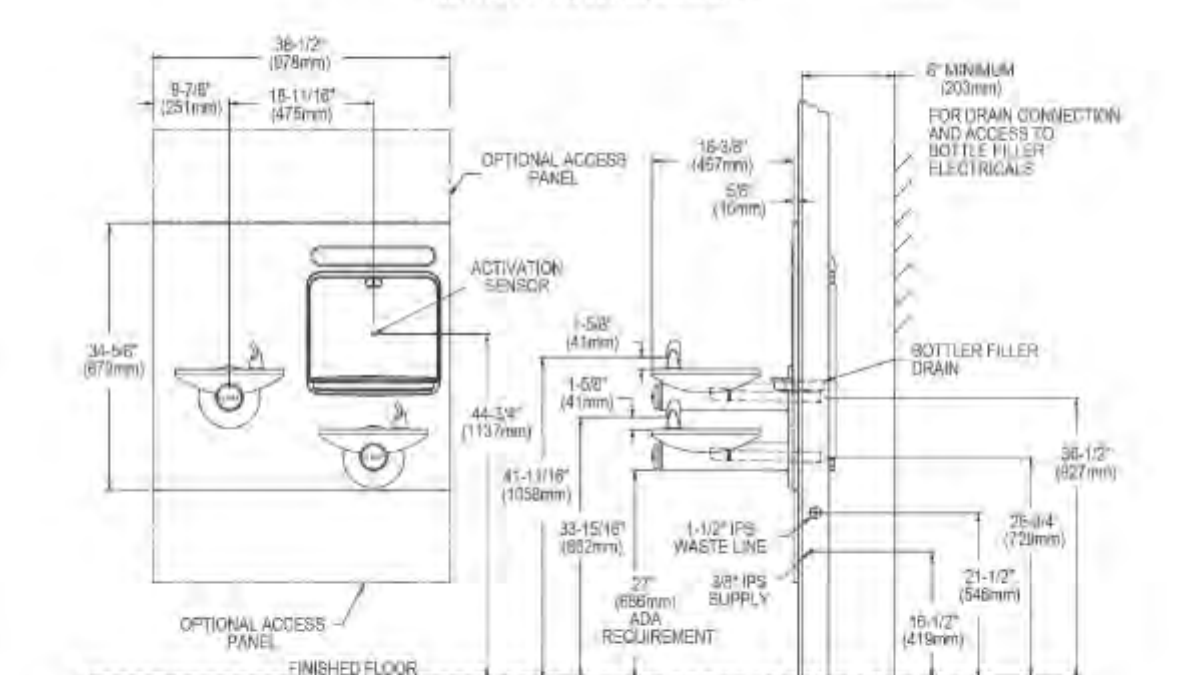
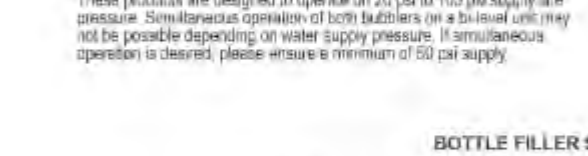
AMERICAN PRIDE. A LIFETIME TRADITION. Like our family, the Elkay® family has values and traditions that endure. For almost a century, Elkay has been a family-owned and operated company, providing products and services that support our mission and vision. Included with Product: Fountain (EDFPBM117WS), Mounting Frame (MFW5200). Ship in multiple boxes. PRODUCT COMPLIANCE: ADA & ICC A117.1, ASME A112.19.3/CSA B45.4, Iky American Act, CAN/CSA C22.2 No. 120, GreenSpec™, NSF/ANSI 61 & 372 (lead free), UL 399.



OPTIONAL ACCESSORIES: EWF5000 - Elkay WaterSentry Plus Filter System Kit (Bottle Filters), LKAPR1 - Elkay Crane Apron for SwirlFlo Gray, ACCESS12K35-S - Accessory Stainless Steel Access Panel for Bi-Level Architectural Fountains.

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IMPORTANT! INSTALLER PLEASE NOTE: The grounding of electrical equipment such as blenders, computers, etc., to water lines is a common practice. The grounding may be in the building or may occur away from the building. The grounding can cause electrical feedback into a water cooler, creating an electrolysis which causes a metallic taste or causes an increase in the metal content of the water. This condition is exacerbated by using the proper materials as indicated below. The drain fittings which are provided by the installer should also be plastic to electrolytically isolate the cooler from the building plumbing system.

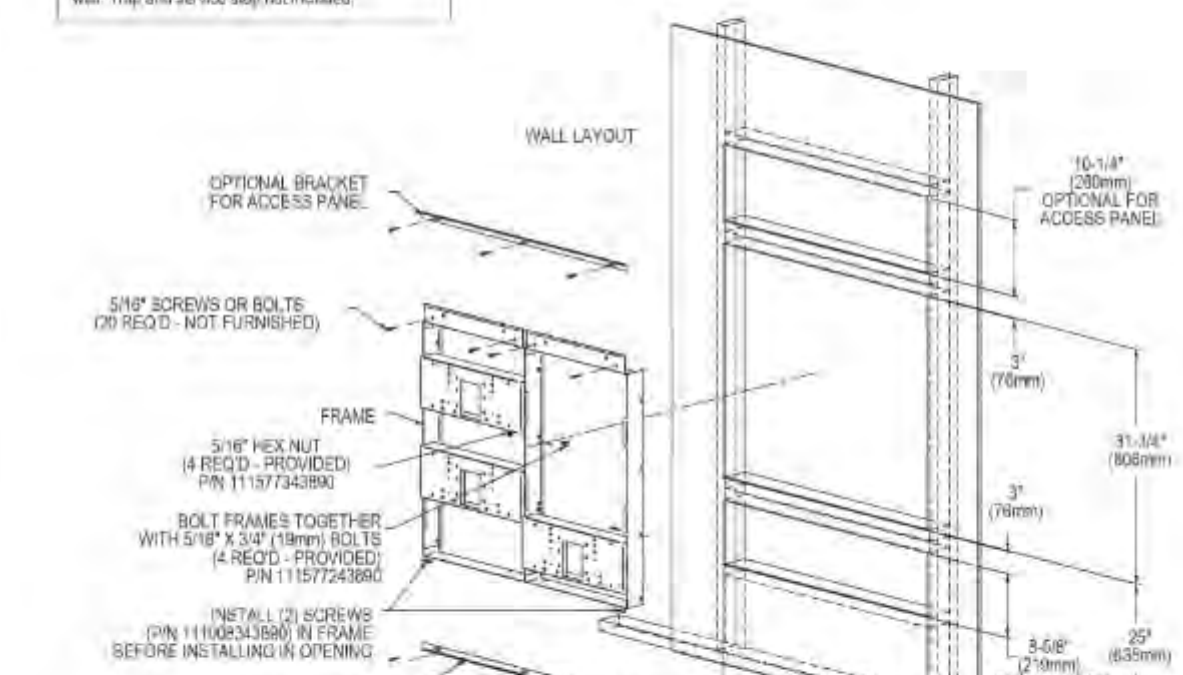


NOTE: New installations must use Ground Fault Circuit Interrupter (GFCI). It is highly recommended that the circuit be dedicated and no other protection be used for 75 amps.

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WALL OPENING IMPORTANT! It is necessary to create a wall opening 37-1/2" W x 33-3/4" H and 25" above the floor line. ELECTRICAL DATA: Electrical outlet, three (3) conductor grounded. Locate within safe reach of power cord.

MOUNTING INSTRUCTIONS: Refer to rough-in location of plumbing and electrical services. The support frame is to be installed first, using upper panels to hang on frame. Careful attention is to be observed to panel and wall frame. Water service line, waste, trap and vent are to be assembled as required. Perform a final check for leaks and correct function of fountain and cooler. For details see the installation instructions. Installer requires trap to be installed in wall. Trap and venting not included.



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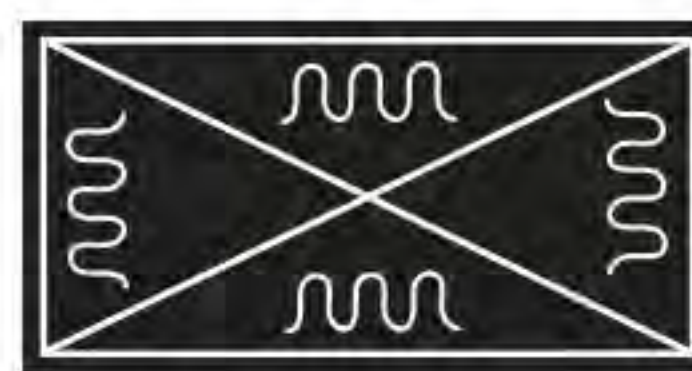


Acoustical Surfaces, Inc. SOUNDPROOFING, ACOUSTICS, NOISE & VIBRATION CONTROL SPECIALISTS. 123 Columbia Court North • Suite 201 • Chaska, MN 55318 (952) 448-5300 • Fax (952) 448-2613 • (800) 448-0121 Email: sales@acousticalsolutions.com Visit our Website: www.acousticalsolutions.com

We Identify and S.T.O.P. Your Noise Problems Sound Silencer (PEPP)

INSTALLATION & CLEANING INSTRUCTIONS *Sound Silencer is Not UV Stable and Will Degrade in Direct Sunlight Over Time

Receiving & Storage: Check cartons upon receipt & report any damage to shipper & supplier. Always store cartons in a dry area. Cutting: PEPP is most easily cut with a sharp, heavy duty table saw or hand saw. A long razor blade knife can also be used but requires several passes. Use caution if cutting PEPP on a table saw, panels could jam and or be pulled through by blade. Application & Adhesive: Install PEPP directly to substrate. Apply adhesive to back of panel at 1/4" adhesive bead around perimeter and an X from corner to corner is usually sufficient.



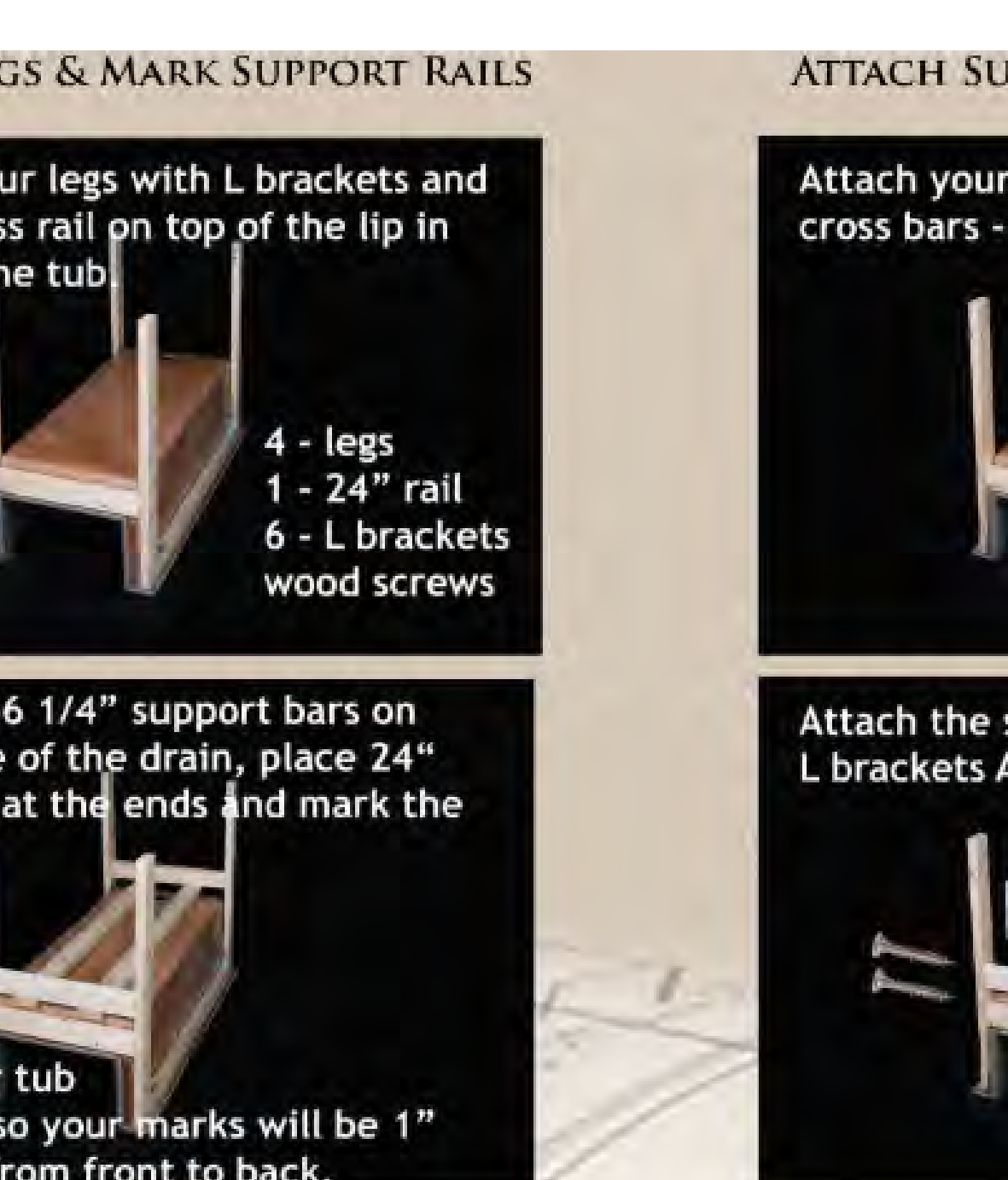
Cleaning & Maintenance: Accumulation of dust and dirt are best removed with a soft brush attachment on a vacuum cleaner. Use vacuum attachments with a least 1" soft brushes to avoid damage to panel. Painting: PEPP may be painted with a very light coat of spray applied latex or Fire Retardant paint without significantly altering acoustic performance. Handling: Pepp is made from polypropylene based products. MSDS information available on request. Pepp is Class A fire retardant ASTM E84 Certified.

- Doormetry Testing • On-Site Noise Evaluations • Design Layout • Octave Band Analysis • Urethane & Melamine Foams • Sound Barriers • Acoustic Composites • Vibration Control • Acoustic Wall Panels • Sound Curtain Systems • Soft & Hard Enclosures • Acoustical Pipe Wrap

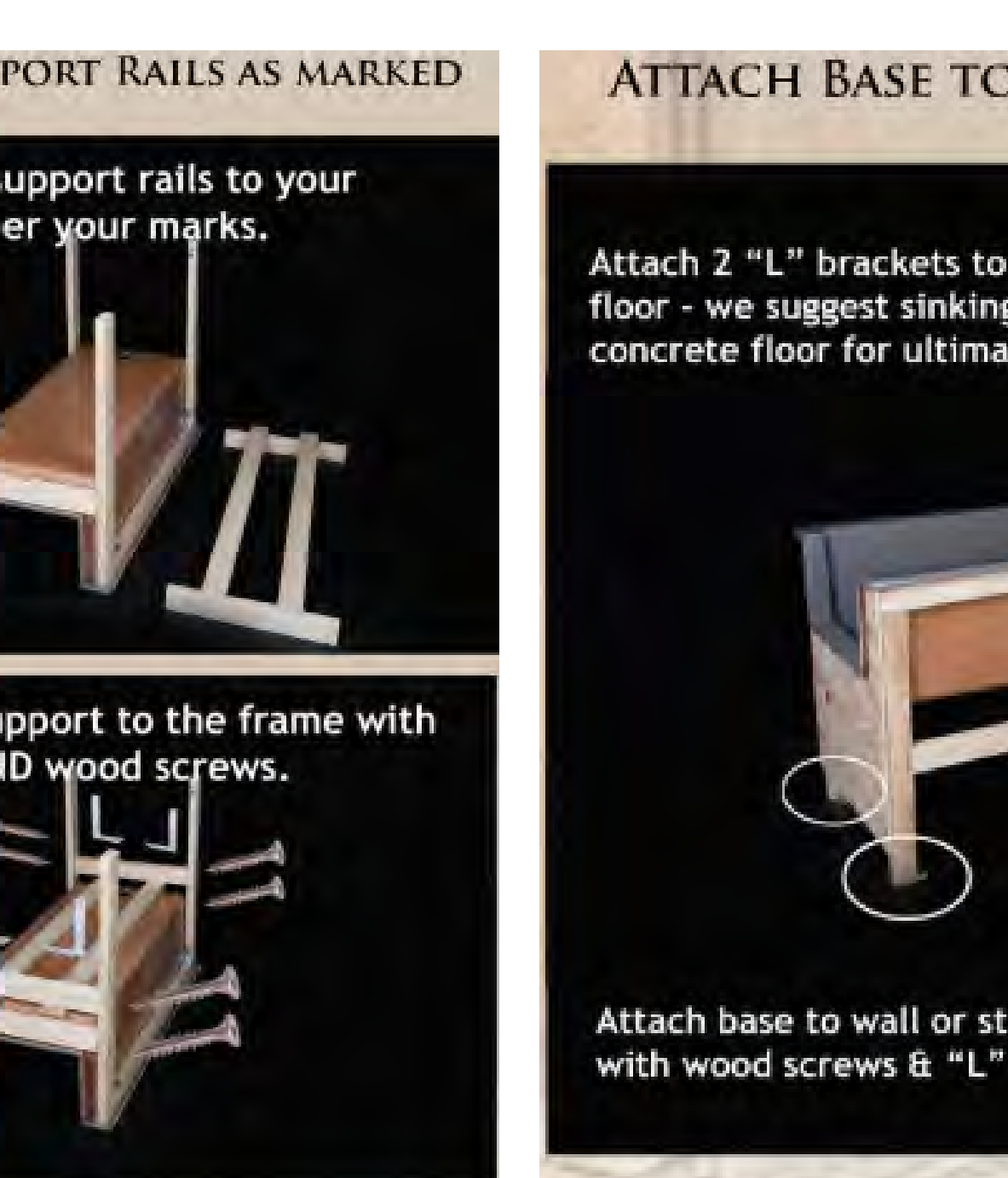
DRINKING FOUNTAIN SPEC SHEET



ATTACH LEGS & MARK SUPPORT RAILS



ACUSTIC PANELS SPEC SHEET



K9 SPA SPEC SHEET

ATTACH BASE TO FLOOR & WALL

ADD SIDES & STEPS/RAMP

CAUTION: Screw into wood only, do not screw into the fiberglass K9Spa!

NOTE your tub slopes 1" so your marks will be 1" different from front to back.

Attach base to wall or stub wall (plumbing wall) with wood screws & "L" brackets.

Options are: Paint, Wood Seal, Linoleum, Tile or Formica!

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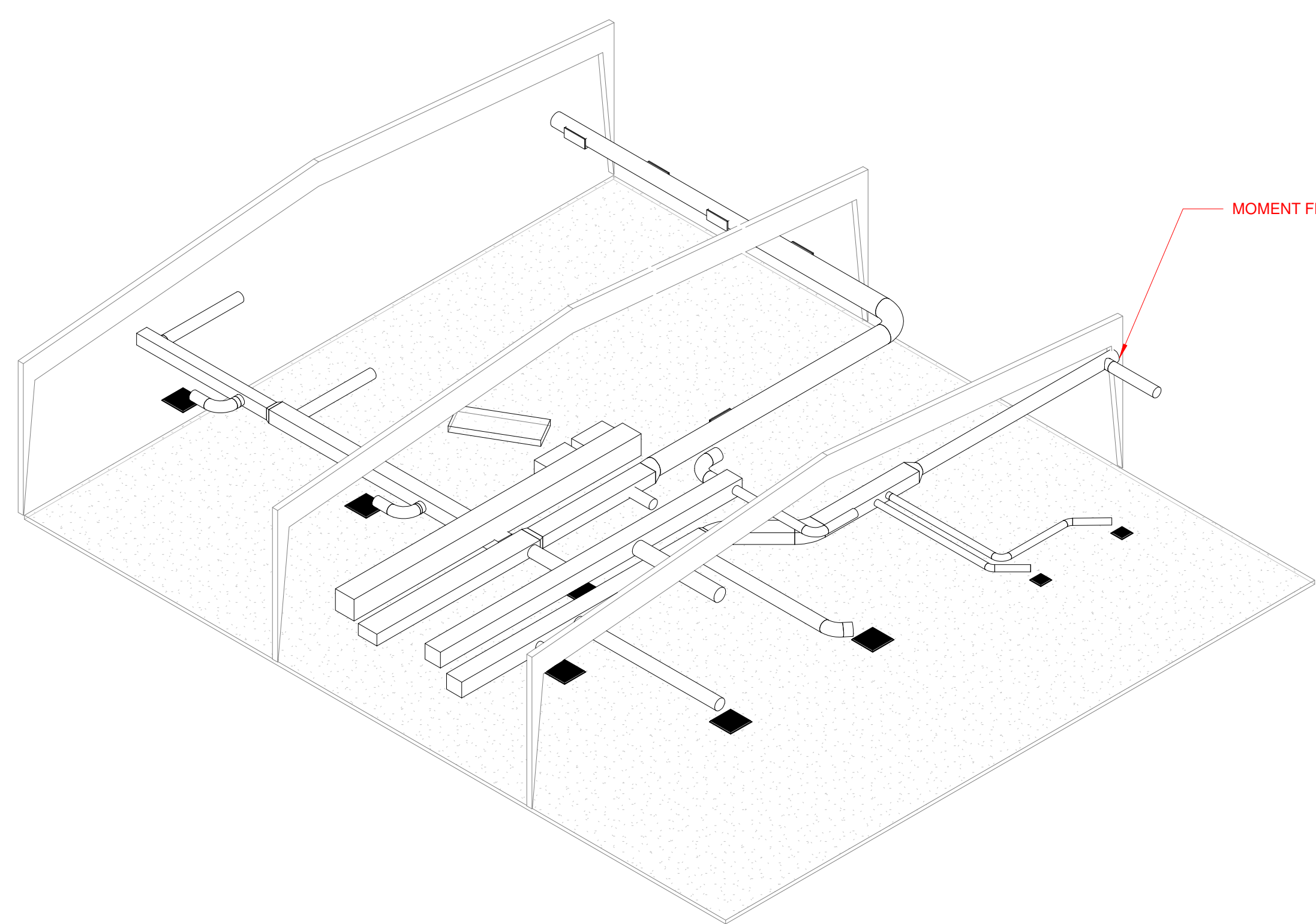
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MOMENT FRAME/DUCT CLASH



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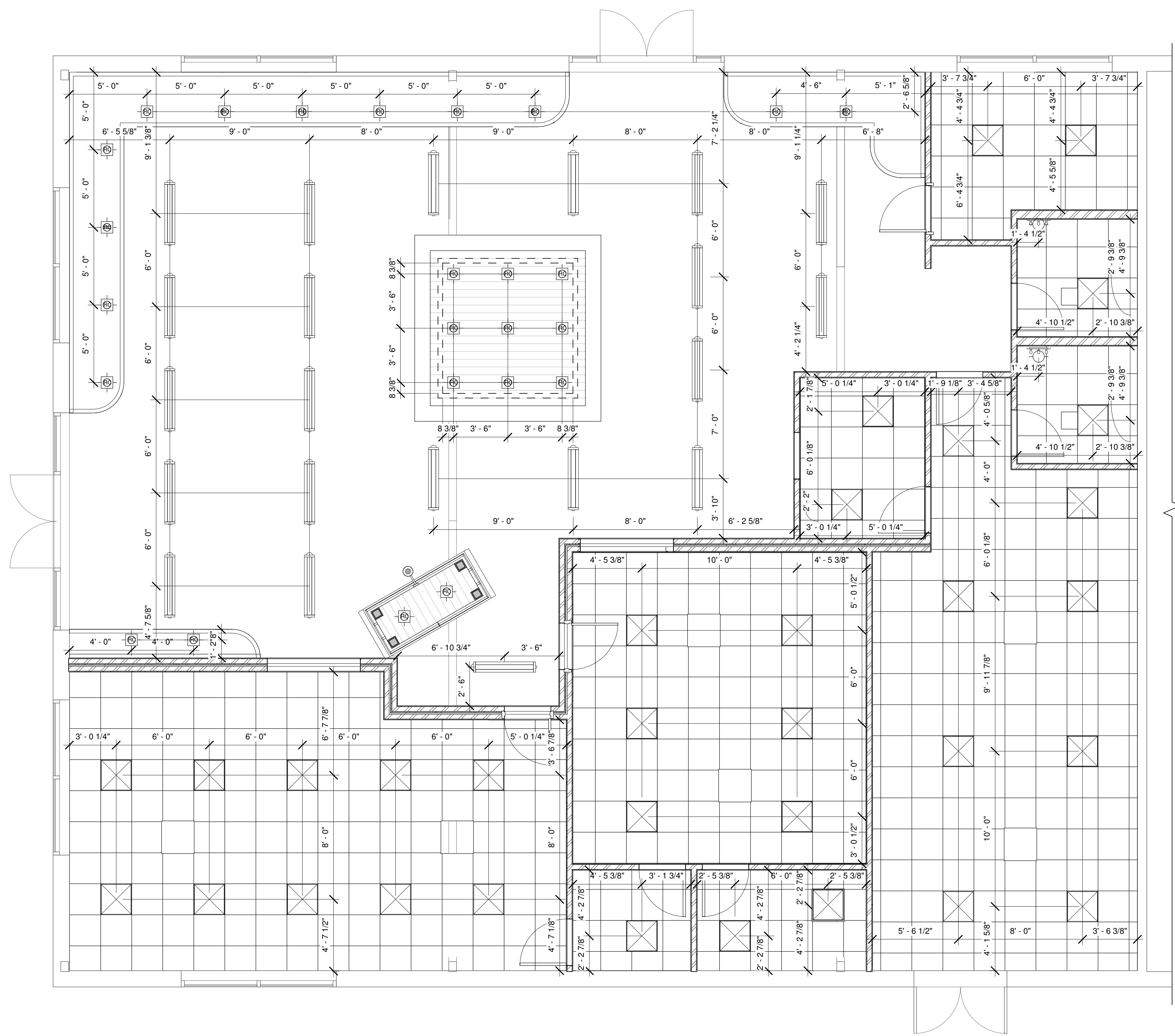
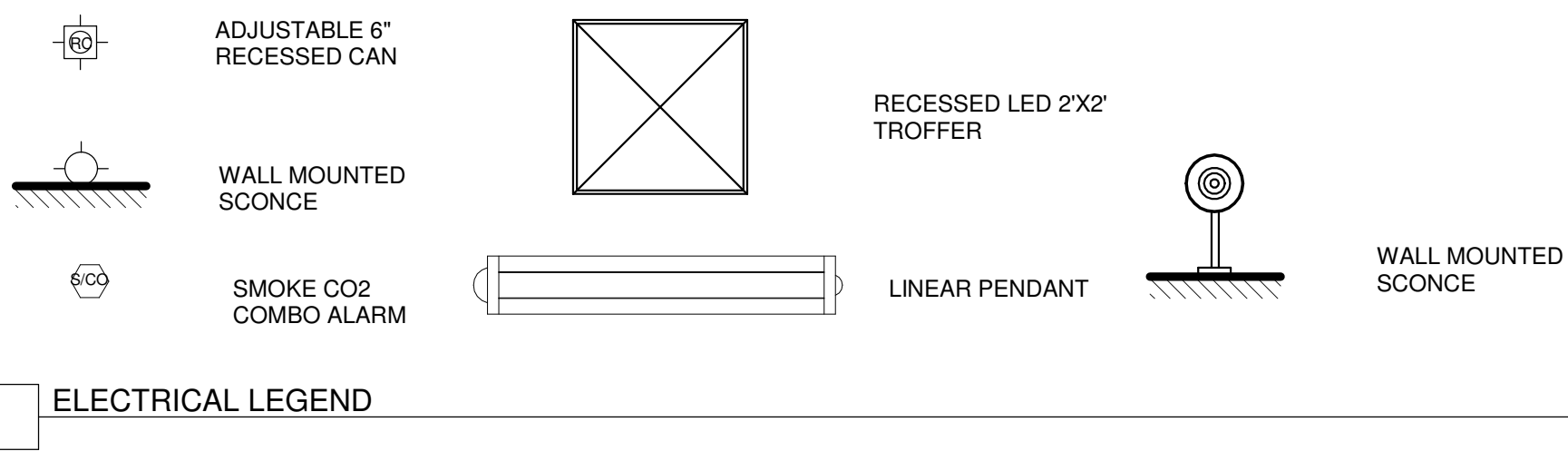
CONCEPTUAL HVAC PLAN

2 3D - HVAC ONLY

1 MAIN FLOOR - REFLECTED CEILING PLAN - CONCEPTUAL HVAC
1/4" = 1'-0"

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1 MAIN FLOOR - REFLECTED CEILING PLAN - CONCEPTUAL ELECTRICAL
1/4" = 1'-0"

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