

Abbreviations

@	At
AC	Air Conditioning
A.F.F.	Above Finished Floor
ATC	Acoustical Tile Ceiling
CFM	Cubic Feet per Minute
C	Centerline
Cig.	Ceiling
Cpt.	Carpet
C.O.	Cased Opening
C.O.	Cleanout
Conc.	Concrete
Cont.	Continuous
Const.	Construction
C.T.	Ceramic Tile
CW	Cold Water
Demo.	Demolition
D.F.	Drinking Fountain
Dia.	Diameter
Dn.	Down
D.S.	Down Spout
Dwg.	Drawing
E	Existing to Remain
El.	Elevation
Elev.	Elevation
Elec.	Electrical
EM	Emergency
Eq.	Equal
Exist.	Existing
F	Future
F.D.	Floor Drain
Fin.	Finish
Flr.	Floor
FSR	HVAC/Floor Supply Register
Ft.	Feet
Furn.	Furnished
Furn.	Furnace
Gl.	Glass
G.C.	General Contractor
GFI	Ground Fault Interrupter
H.	High
H.C.	Hollow Core
Hdwr.	Hardware
Ht.	Height
H.M.	Hollow Metal
HVAC	Heating, Ventilating & Air Conditioning
HW	Hot Water
HWH	Hot Water Heater
In.	Inches
Lam.	Laminated
Lav.	Lavatory
Max.	Maximum
Mech.	Mechanical
Min.	Minimum
Mirr.	Mirror
N	New
NIC	Not In Contract
NL	Night Light
No.	Number
N.T.S.	Not to Scale
Ø	Diameter
O.C.	On Center
O.H.	Overhead
Opg.	Opening
OWD	Open Waste Drain
P.C.	Prime Contractor
Pl.	Plate
Pl. Lam.	Plastic Laminated
Q.T.	Quarry Tile
R	Relocated
RAG	Return Air Grille
Req'd	Required
S & R or R & S	Shelf and Rod
SAG	Supply Air Grille
S.C.	Separate Circuit
S.C.	Solid Core
S.D.	Smoke Detector
SEFG	Sara E.F. Gensburg, Ltd.
S.Ft.	Square Feet
Sq.Ft.	Square Feet
Sht.	Sheet
T	Thermostat
Tel.	Telephone
Temp.	Tempered
U.N.O.	Unless Noted Otherwise
VCT	Vinyl Composition Tile
V.I.F.	Verify In Field
W/	With
WSR	HVAC/ Wall Supply Register

Symbols/Legend

	Existing Construction to Remain
	Existing Construction to be Removed
	New Wall Construction (see wall sections)
	New low-height wall Construction (see wall sections)
	Exit Sign (w/ 1 1/2-hr. battery backup or connect to 24 hr. emergency circuit)
	Exit Sign w/ Directional Arrows (1 1/2-hr. battery backup or connect to 24 hr. emergency circuit)
	Exit Sign w/ Emergency Light (1 1/2-hr. battery backup or connect to 24 hr. emergency circuit)
	Down Light Fixture
	Vapor proof Light Fixture
	Wall Washer Light Fixture
	2 x 2 Fluorescent Light
	2 x 4 Fluorescent Light
	2 x 4 Fluorescent Night Light
	1 x 4 Fluorescent Light
	Fluorescent Strip Light
	Track Light Fixture
	Switch
	Three-Way Switch
	Dimmer / Rheostat Switch
	Occupancy Sensor
	Thermostat
	HVAC Supply Register
	HVAC Return
	Exhaust Fan
	Exhaust Fan with Light
	Electric Motor
	Ceiling Fan
	Speaker
	Intercom
	Intercom Speaker
	Duplex Receptacle (wall mount)
	Double Duplex Receptacle (Quadroxplex)
	Duplex Receptacle with GFI Ground Fault Interrupter
	Separate Circuit Duplex Receptacle
	Duplex Receptacle (floor Mount)
	Quadroxplex Receptacle (floor Mount)
	Flexible Whip
	Junction Box
	Telephone Outlet (wall mount)
	Computer / Data Line (wall mount)
	Telephone Outlet & Data Line (floor mount)
	Cable Television Outlet
	Power Pole
	Sprinkler Head
	Smoke Detector
	Fire Extinguisher
	Fire Alarm Pull
	Audio and Visual (Strobe) Alarm

NOTE: "E" Subscript denotes existing to remain
 "R" Subscript denotes existing to be relocated
 "N" Subscript denotes new
 "D" Subscript denotes demolition

Electrical Notes

- All electric work must comply with applicable municipal electric codes.
- All wall mounted telephone and electrical outlets shall be mounted at height to match existing, unless noted otherwise.
- All electrical and/or telephone boxes on opposite faces of the same wall are to be staggered. Caulk for sound attenuation.
- Mount all switches at building standard height.
- Telephone equipment panel shall be mounted on fire-proofed plywood as required by codes.
- Existing 225A electrical panel to remain in Common Electric Room.
- Provide controls that shall reduce lighting requirements by 50% as per IECC at rooms with new light fixtures only.

Plumbing Notes

- All plumbing work must comply with International Plumbing Code and all other applicable plumbing codes.
- See Sheet P-1 for plumbing diagrams.
- Tenant to provide bottled water in lieu of drinking fountain.

Mechanical Notes

- All mechanical work must comply with applicable codes.
- See Sheet M-1 for Ventilation Schedule.
- Mechanical drawings, if required, shall be provided by mechanical contractor.

Fire Protection Notes

- All emergency lighting and exit signs shall have 1-1/2 hr. battery back-up to assure continued illumination of not less than 1-1/2 hr. in the event of primary power loss. Comply with National Electric Code. Locations of exit and emergency lights are subject to field inspection.
- Drop/raise sprinkler heads down into areas of new construction as required.
- Sprinkler drawings or hydrostatic calculations, if required, shall be provided by sprinkler contractor.
- Fire extinguishers to be provided as directed by the Fire Department.
- Drawings for fire alarm and/or detection system, if required, shall be provided by fire alarm contractor.

Reflected Ceiling Notes

- The contractor shall exercise care and be responsible for any damage to existing conditions which are to remain.
- All new ceilings are to be constructed as indicated and in accordance with established building standards.
- Following construction of acoustical ceiling installation, all joints shall be straight, true to line, with exposed surfaces flush and level. All dirty or discolored surfaces of tile shall be cleaned or replaced, and left free of defects.

General Notes

- Contractor shall field verify all dimensions and conditions shown on drawings prior to construction and shall notify Sara E.F. Gensburg, Ltd. of any discrepancies, omissions and/or conflicts.
- All partitions are dimensioned from finish face or shown to align level with the face of another partition, unless noted otherwise.
- General Contractor shall be responsible for the bracing and blocking of walls at door openings. All wood shall be fire retardant as per municipal code.
- Where new walls align and abut existing wall (drywall to drywall); remove existing corner bead tape and spackle juncture (3 coats minimum).
- Flash patch as required at any door frames which are to be set true, constant and level to ceiling line.
- Contractor shall be responsible for arranging with tenant and building management for handling and disposal of construction and demolition materials.
- All work shall conform to State, Municipal and all other local codes.
- All materials and equipment are to be new, unless noted otherwise, and construction, including workmanship, shall be of good quality and free from faults and defects.
- Existing walls to be patched as required for smooth, even finish. In addition, patch walls as required at areas of demolition to match adjacent finish and materials.
- All egress doors shall be readily operable from the side from which egress is to be made without the use of a key or special knowledge or effort.
- DO NOT SCALE DRAWINGS.
- Repair or patch all penetrations through rated assemblies.
- All new doors to be 3'-0" wide with lever hardware, unless noted otherwise.

Code Review

Work under this permit shall comply with all State, Municipal and following codes adopted by the Town of Munster

Project Name: EON CLINIC
 and Address: 10120 CALUMET AVE., SUITE 202
 MUNSTER, INDIANA

Type of Work: Commercial Interior Alteration

Codes Used:
 International Building Code, 2012 w/ Indiana Amendments
 Accessible & Usable Buildings & Facilities (ANSI A117.1; SCE-7-2005)
 International Plumbing Code, 2012 w/ Indiana Amendments
 National Electrical Code, 2008 w/ Indiana Amendments
 International Mechanical Code, 2012 w/ Indiana Amendments
 Indiana Energy Conservation Code, 2010
 International Fire Code, 2012 w/ Indiana Amendments
 Supplementary Fire Safety Rules
 International Fuel Gas Code, 2012 w/ Indiana Amendments
 Indiana Visibility Rule

Use Group: B - Business (Dental Office)

Type: II-B (Existing)

Total Floor Area: 4,534 S.F.

Occupant Load: 45 people
 (1 person per 100 S.F.)

Sprinklered: Yes

Fire Alarm: Yes

Index of Drawings

A-1	General Notes/Legend, Key Plan
A-2	Floor Plan, Second Floor Key Plan
A-3	Reflected Ceiling Plan, Details
A-4	Equipment/Power Plan, Equipment Schedule
A-5	Wall Sections
A-6	Interior Elevations
A-7	Door Schedule, Room Finish Schedule
M-1	Ventilation Schedule, Mechanical Plan
P-1	Toilet Room Details, Plumbing Fixture Schedule, Plumbing Diagrams
E-1	Electrical Panel Schedule



Key Plan
 Not to Scale

Area of Work:
 "10120 Calumet Ave.,
 Suite 202"
 Second Floor
 (See Sheet A-2)

Architect's Certification:

I hereby certify that these plans and specifications have been prepared by me or under my direct supervision, and to the best of my knowledge comply with all applicable building codes of Greenwood, Indiana.

Signed: *Sara E. Gensburg*
 State of Indiana License #19800110 Exp. 12-31-2021



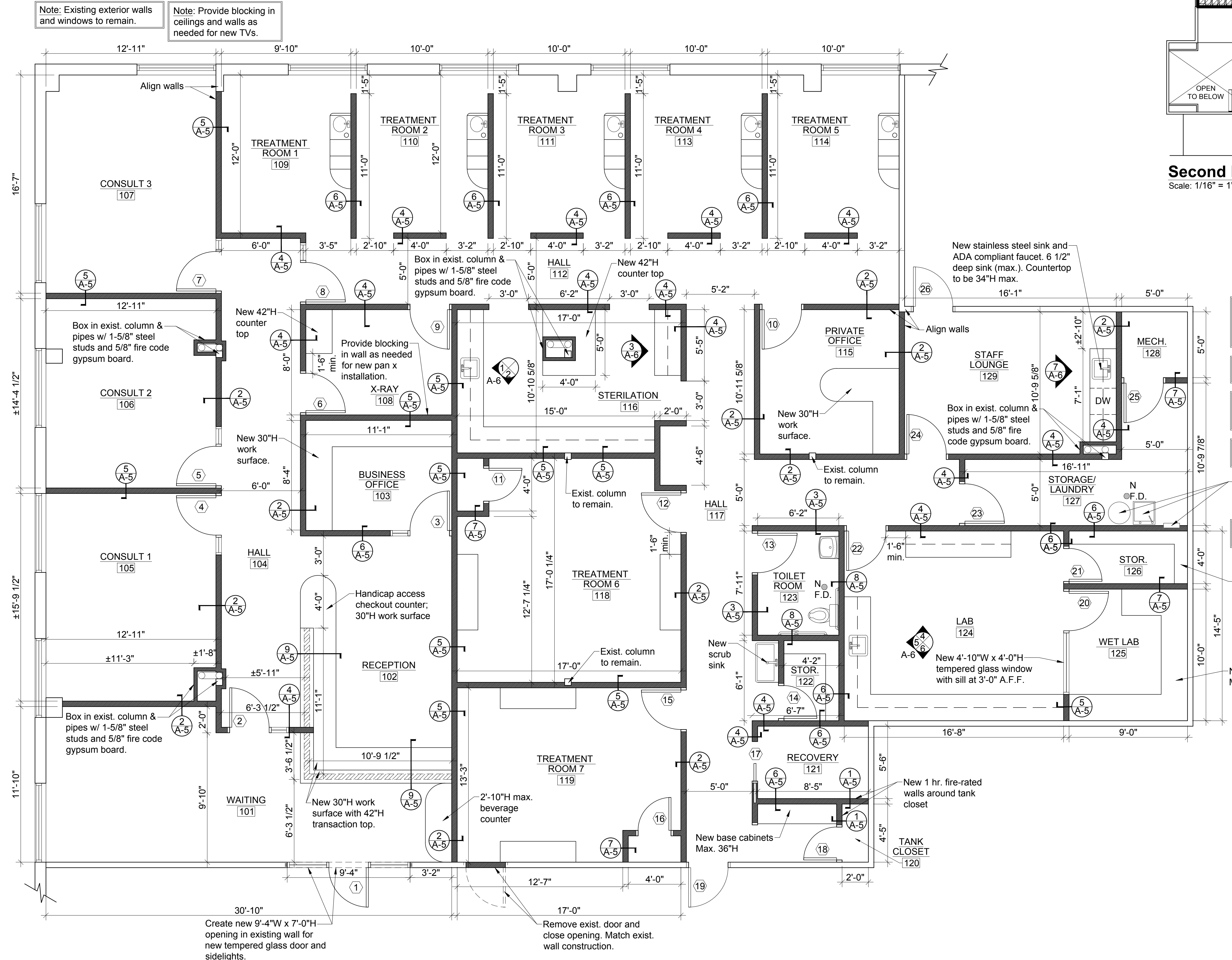
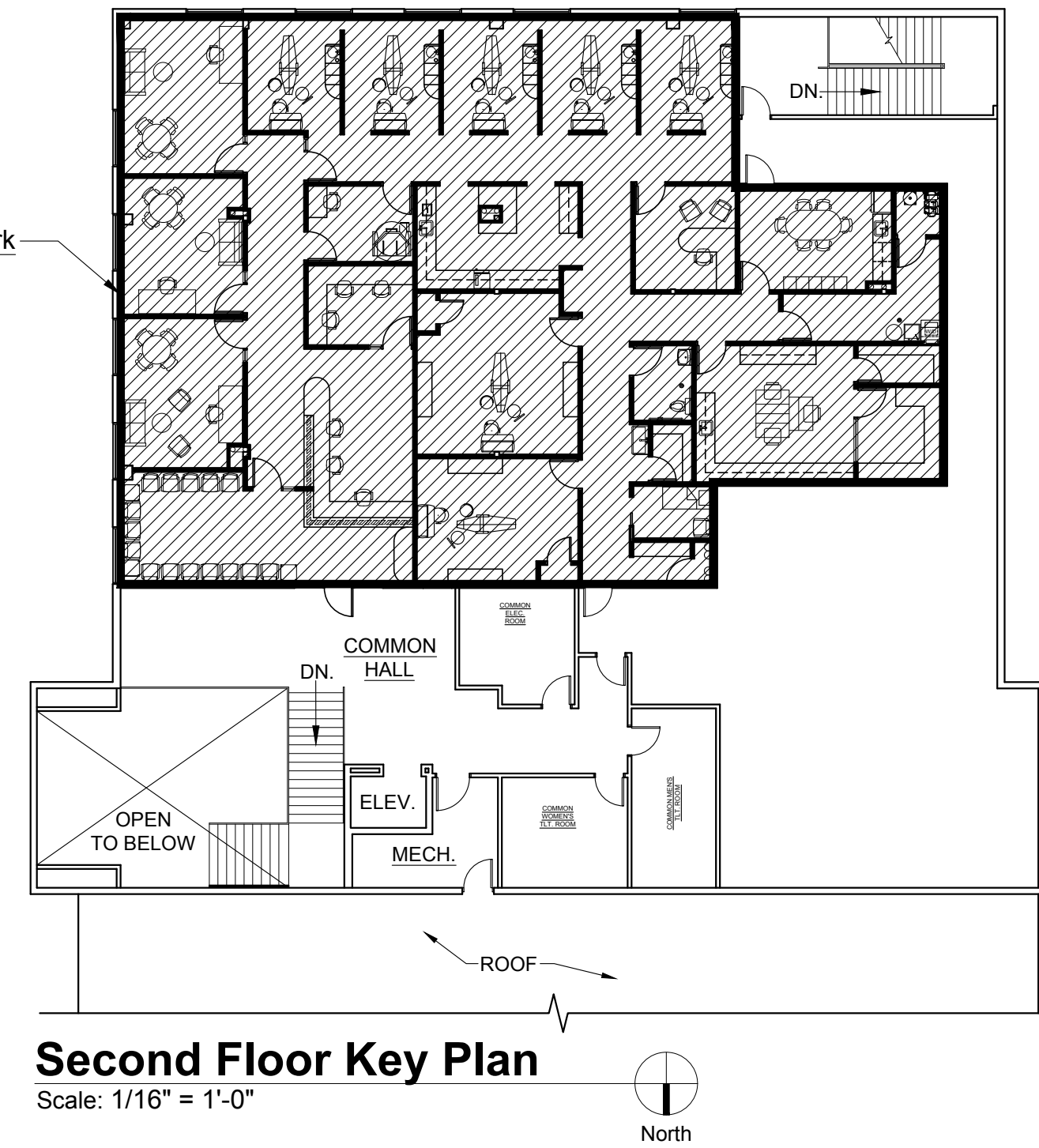
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INTERIOR REMODEL FOR:
EON CLINIC
10120 CALUMET AVE., SUITE 202
MUNSTER, INDIANA

No.	1
Date:	05-06-21
Issued for Review	05-06-21
Issued for Permit	05-06-21

SEFG No.	121081
Drawn:	MHZ
Checked:	S.E.F.G.
Date:	05-06-21

SHEET:	A-1
Sheet 1 of 7	



Floor Plan
 Scale: 1/4" = 1'-0"
 North

- Note: All penetrations in fire rated assemblies shall be properly secured using a U.L. listed sealant.
- Note: Patch existing gypsum board to remain as needed.
- Note: See Equipment/Power Plan on Sheet A-4 for outlet locations.
- Note: All wood blocking to be fire-treated.
- New 60 gal. elec. water heater, utility sink, and guy gray box
- Note: See toilet room details on Sheet P-1.

**EON CLINIC
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 MUNSTER, INDIANA**

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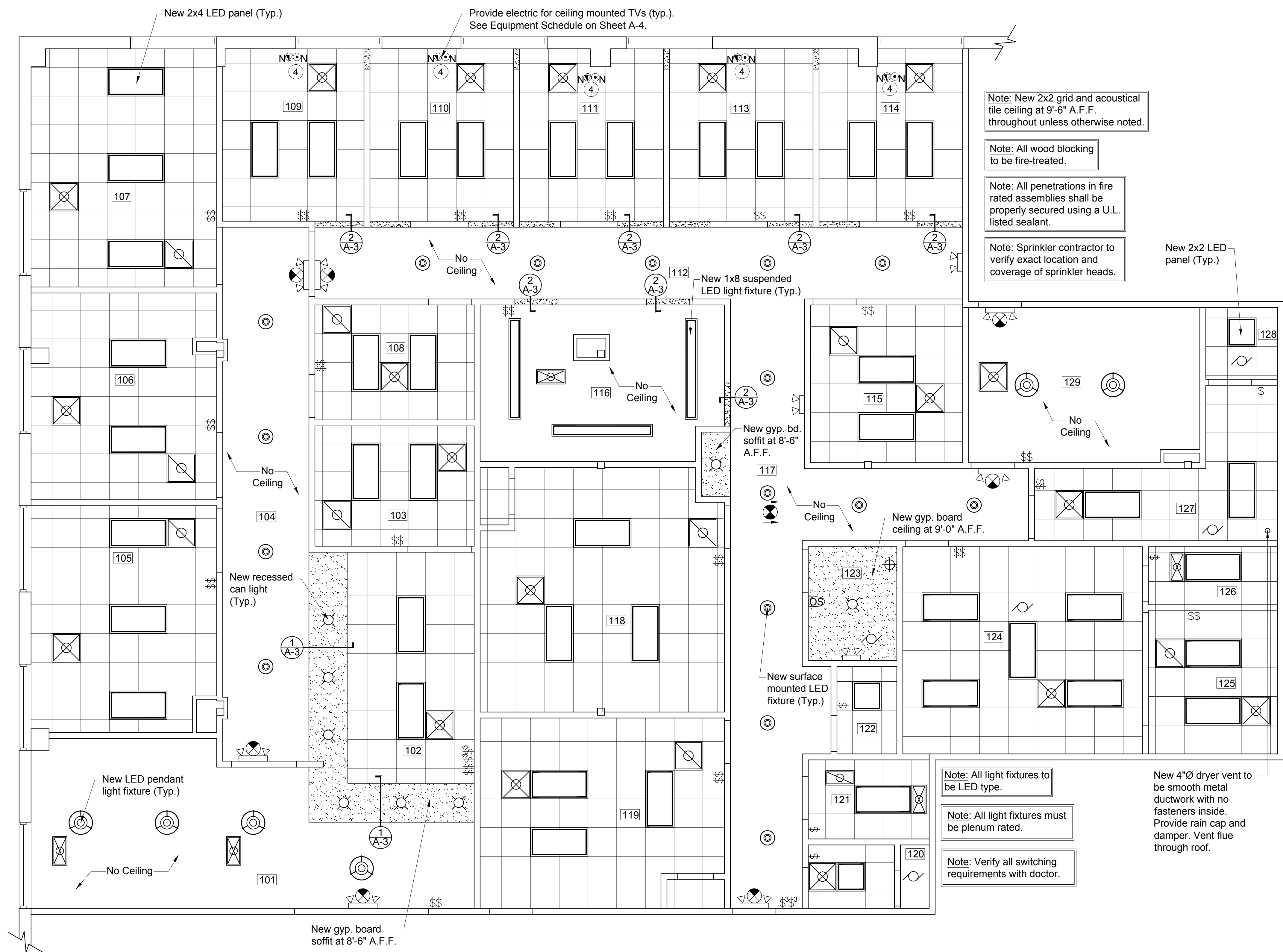
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Issued for:	Review	Permit								

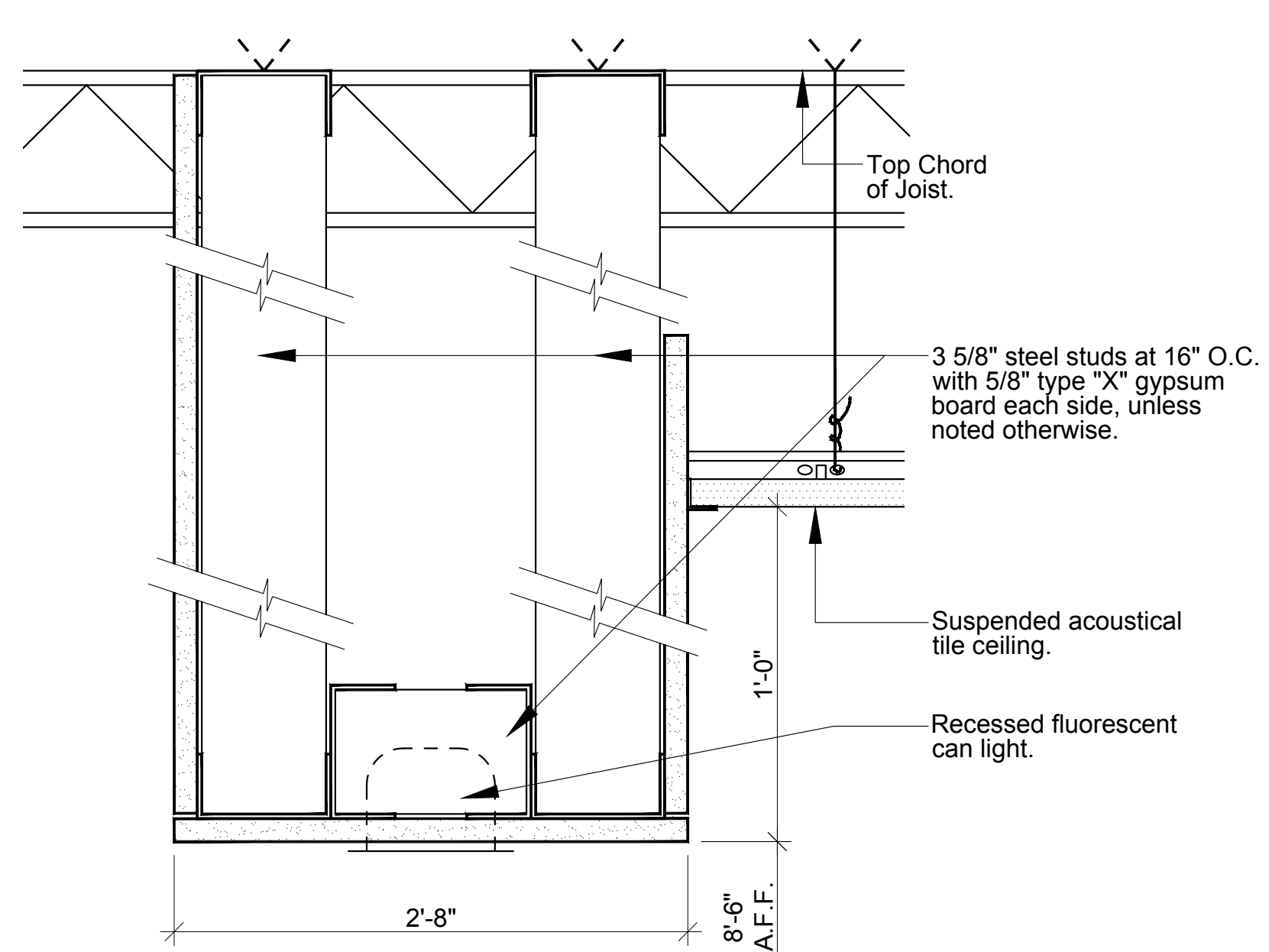
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Checked: S.E.F.G.	
Date: 05-06-21	Sheet 3 of 7



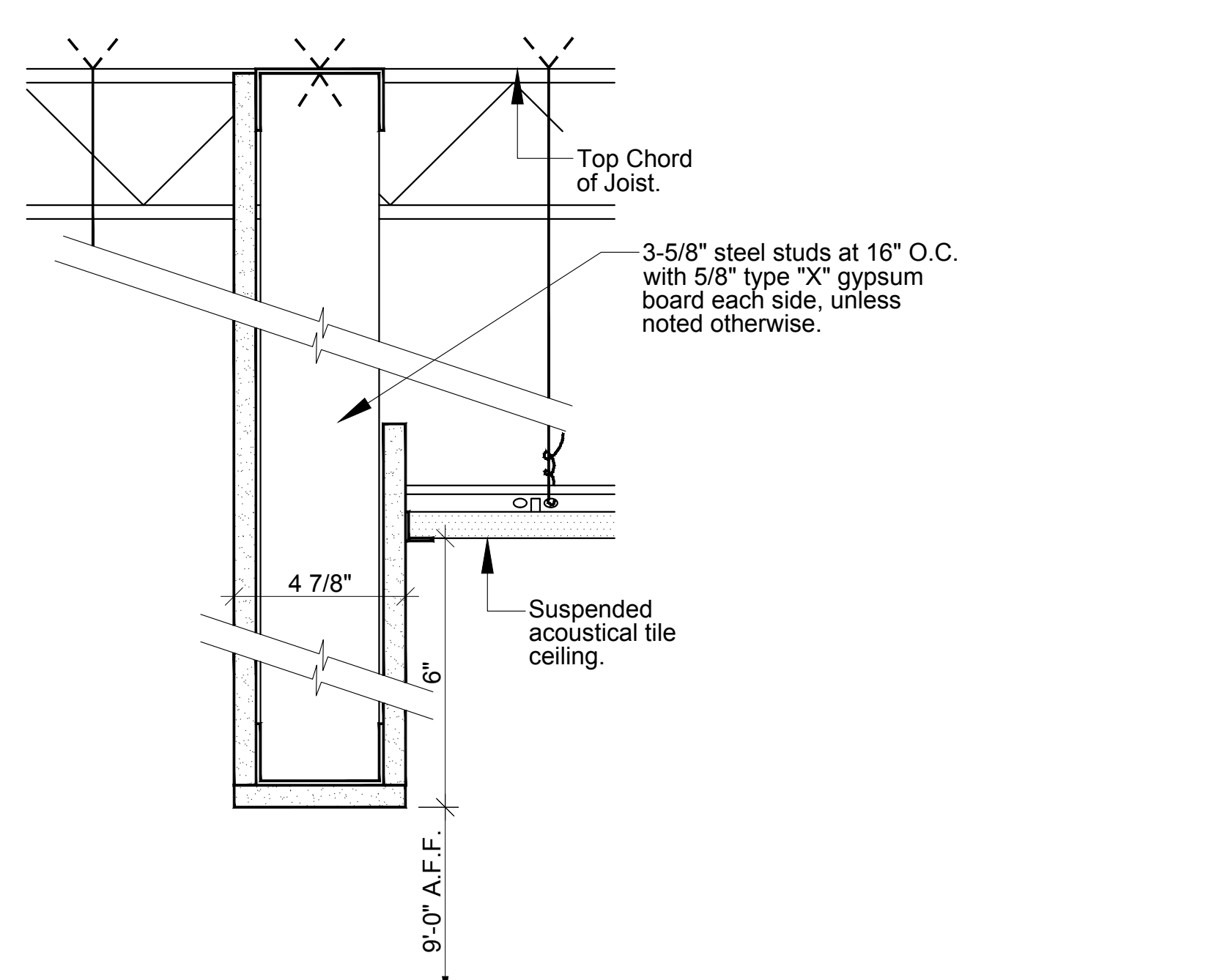
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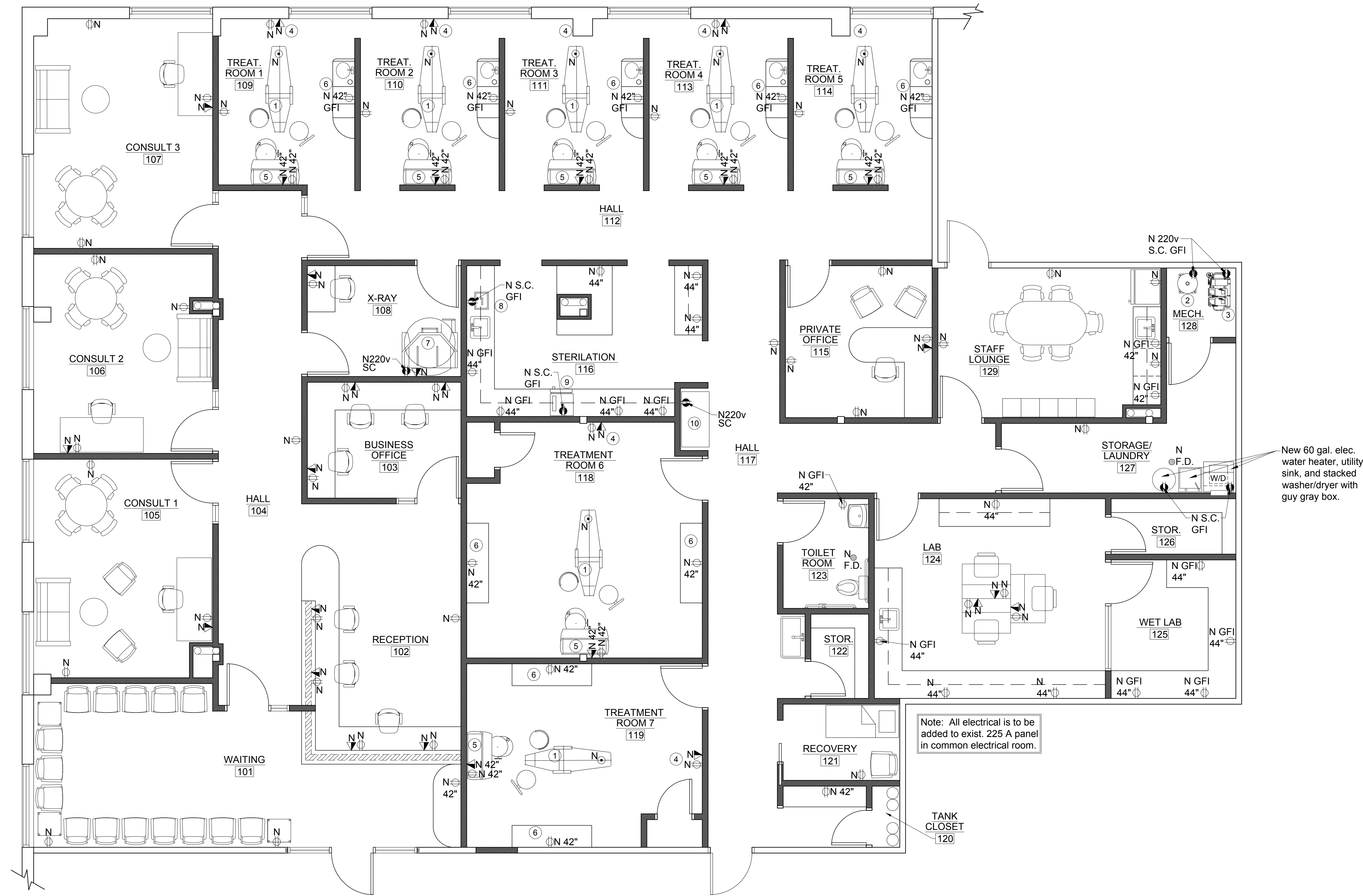
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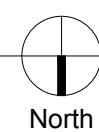
1 Soffit Section
 Scale: 3" = 1'-0"



2 Soffit Section
 Scale: 3" = 1'-0"



Equipment/Power Plan
Scale: 1/4" = 1'-0"



EQUIPMENT SCHEDULE

No.	Item	Manufacturer	Model #	Electrical					Plumbing					Remarks	
				Voit	Ph.	Amp	HP	KW	CW	HW	San.	Air	Oxygen		Vacuum
1	Dental Exam Chair			115		20									Provide hospital grade duplex outlet. Junction Box under toe. Self-contained water supply system.
2	Vacuum			220		20.6					1 1/2" PVC				Provide RPZ backflow preventor. Vent up thru roof.
3	Air Compressor			220		11.4									Copper K or L supply lines
4	TV			115											Provide blocking in wall or ceiling as required.
5	Rear Cabinet			115							1/2"	3/4"			Verify exact size and configuration with doctor.
6	Side Cabinet			115							1/2"	3/4"			Verify exact size and configuration with doctor.
7	Pan X-Ray			220		10									Provide blocking in wall as required.
8	Ultrasonic Cleaner			115		15									Countertop model
9	Autoclave			115		12									Countertop model
10	Implant Cabinet			220		20									

Notes:

1. Verify exact make and model with dentist.
2. See manufacturer's specs for exact requirements and installation procedures.
3. Follow manufacturer's drawings for exact requirements for all equipment.
4. Water pressure must not exceed 50 PSI at all dental units.



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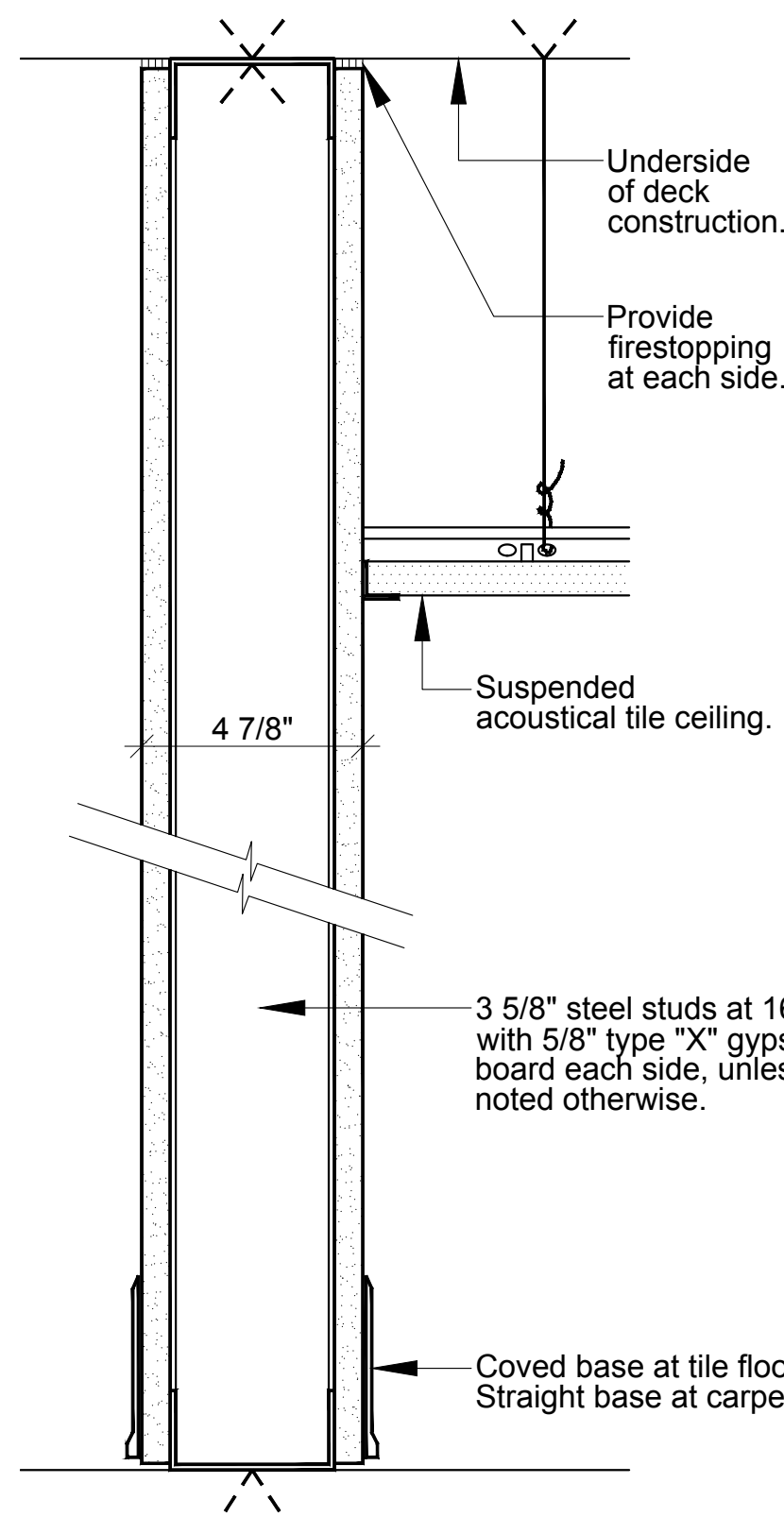
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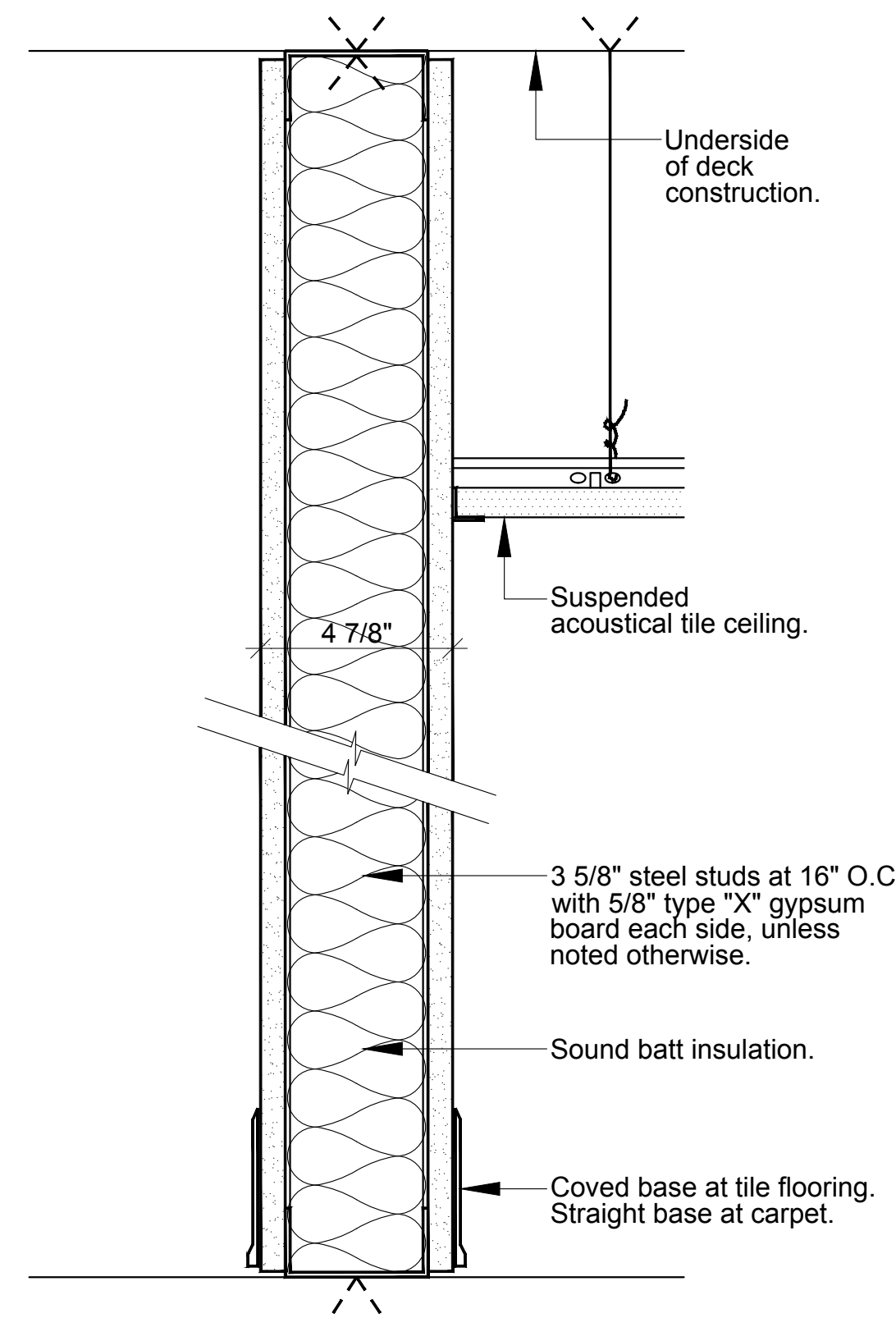
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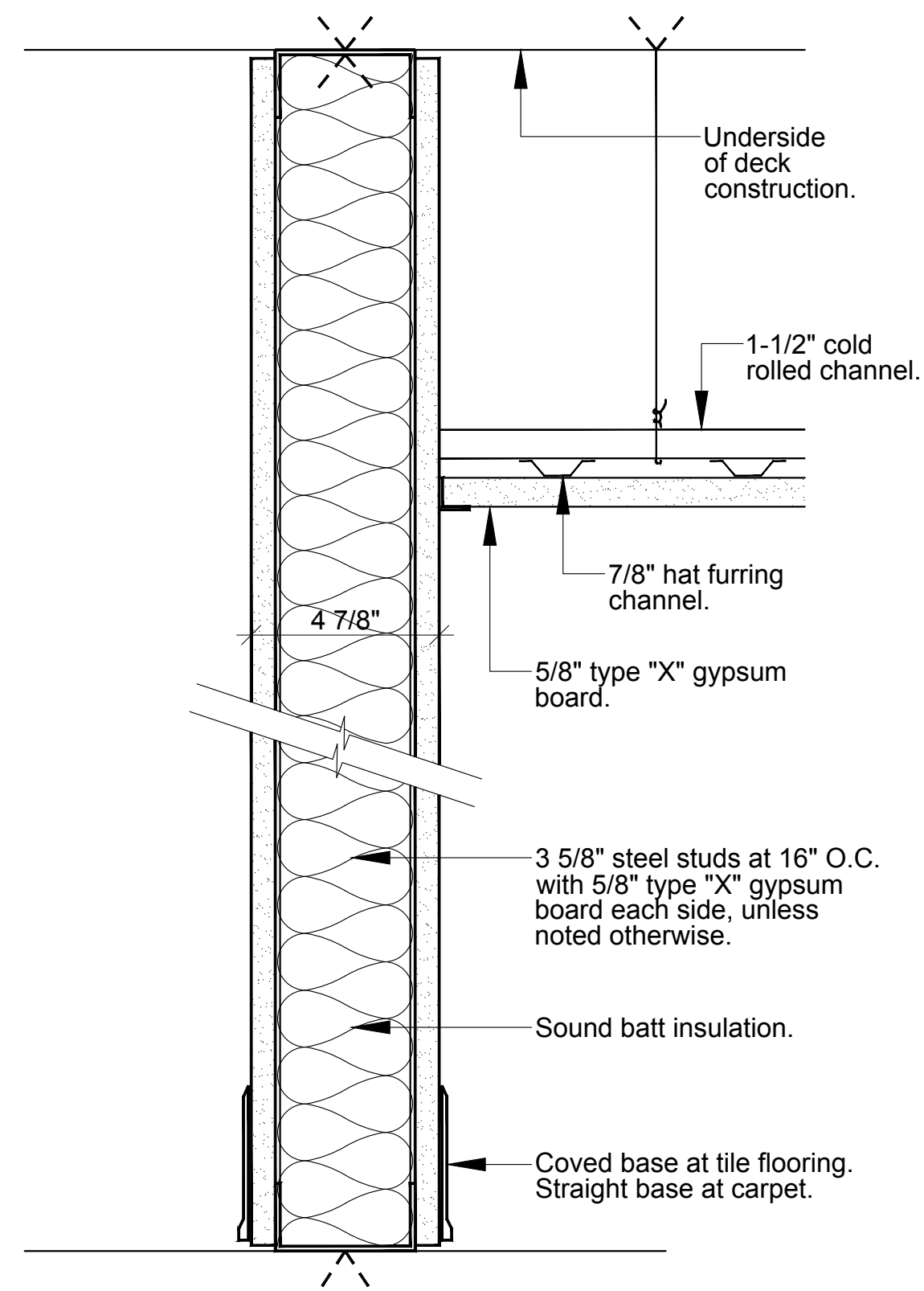
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Sheet 4 of 7



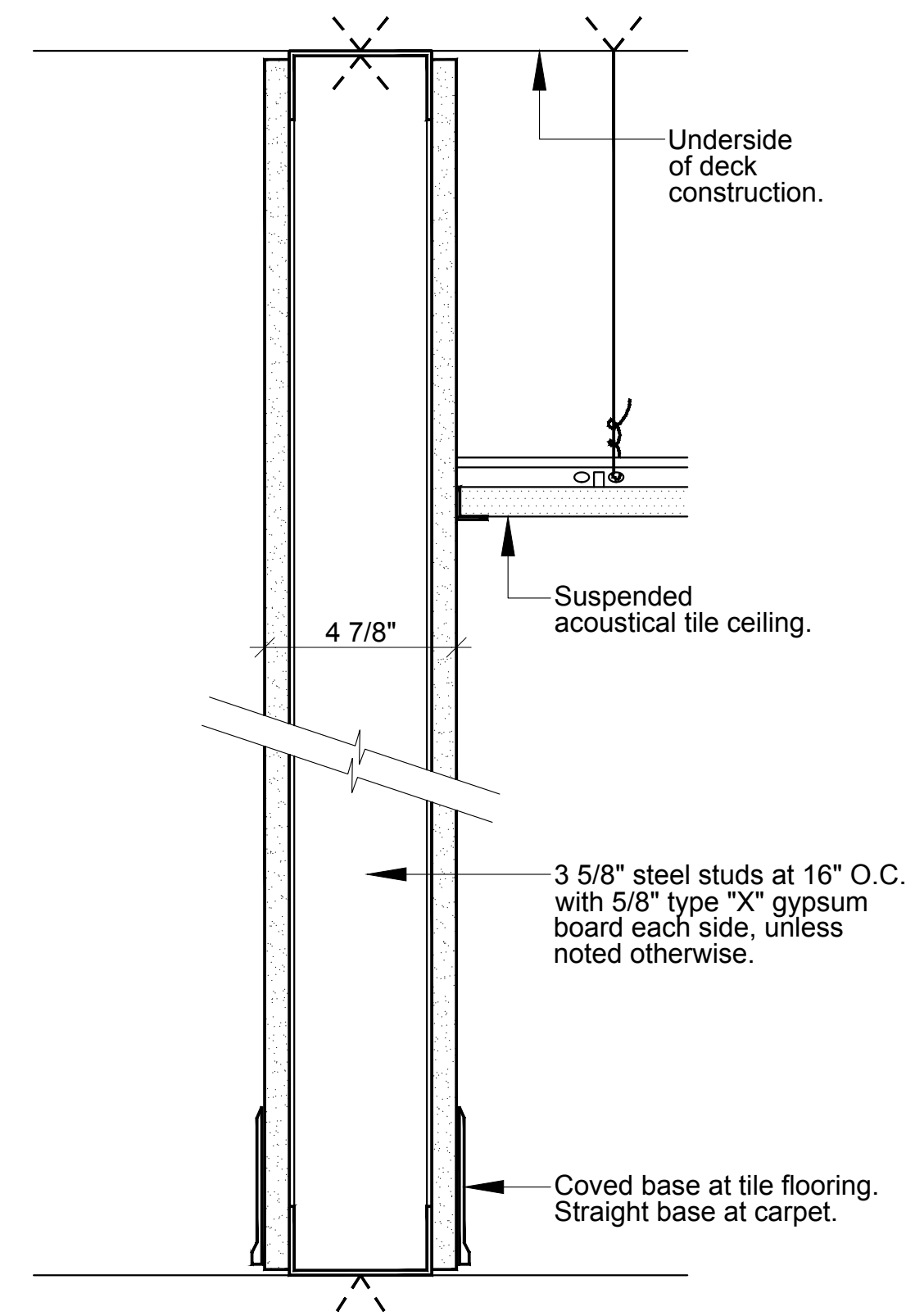
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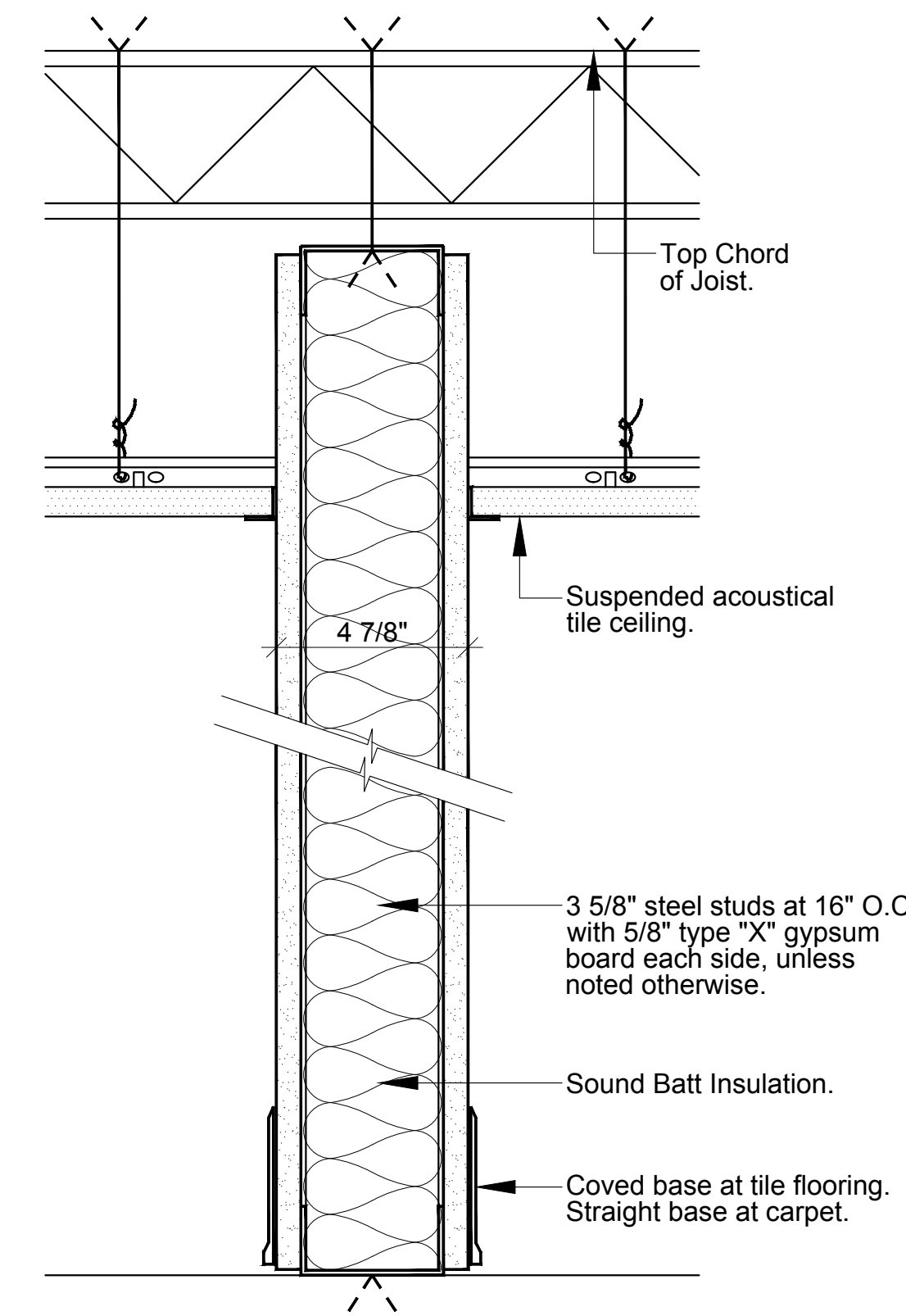
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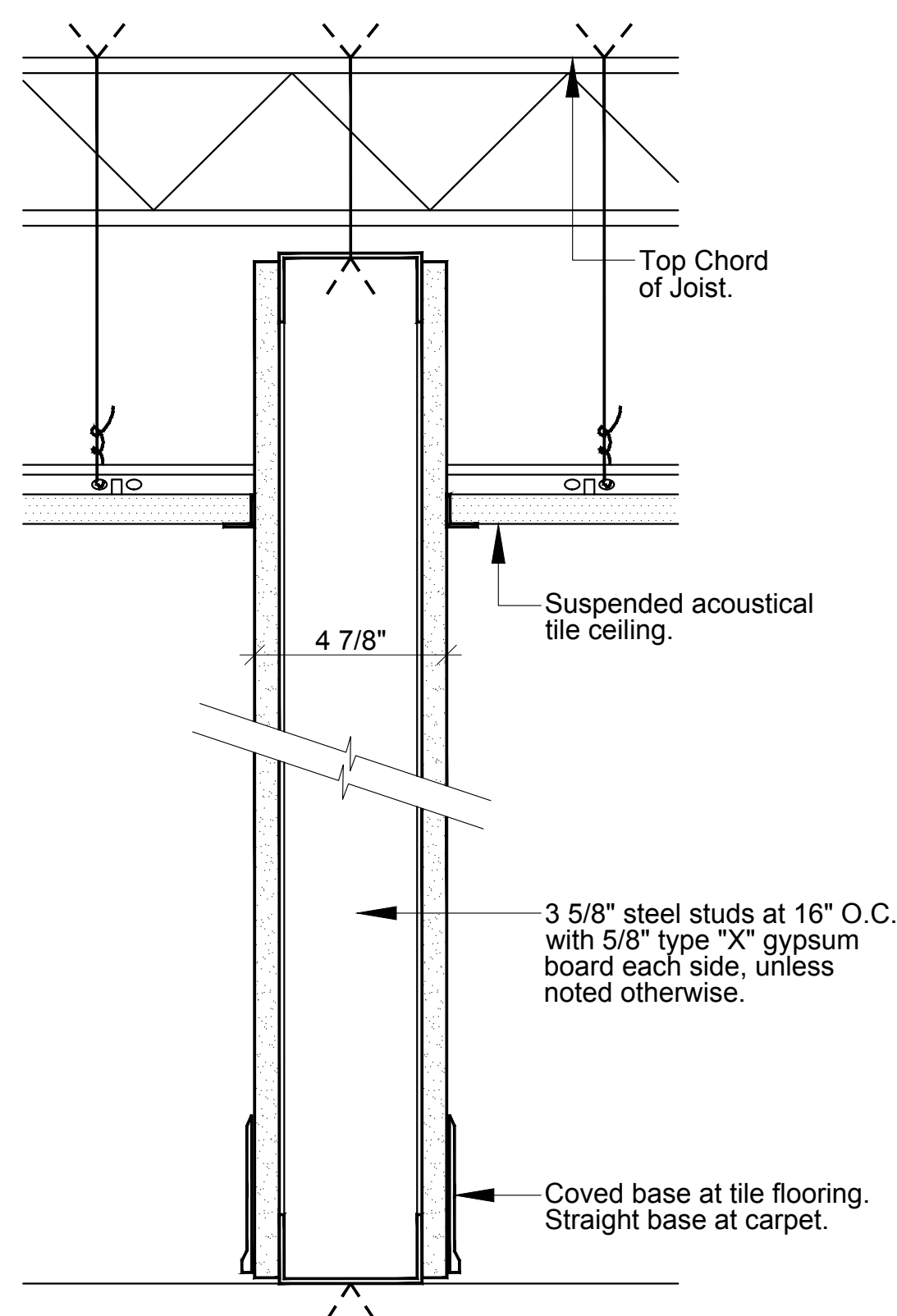
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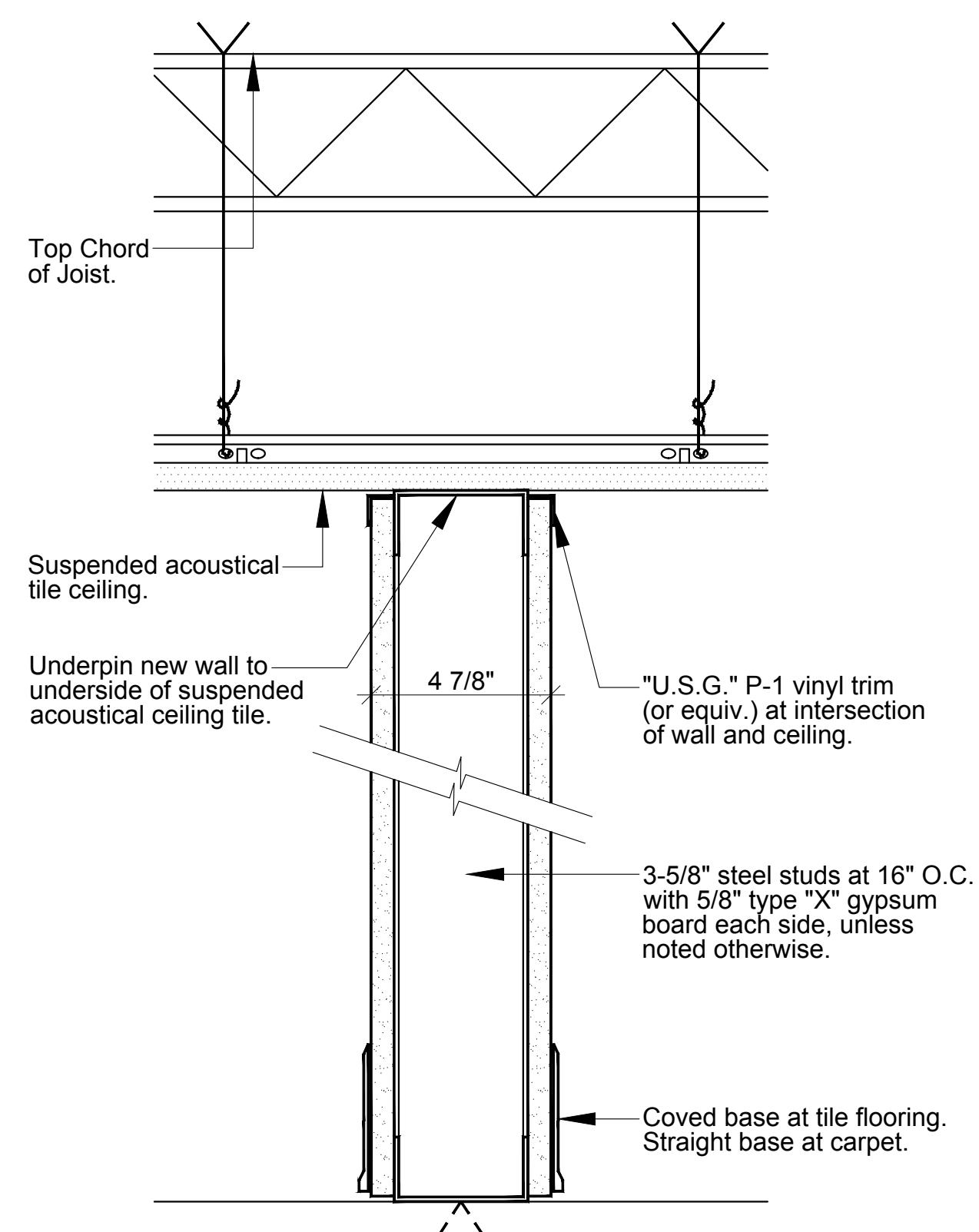
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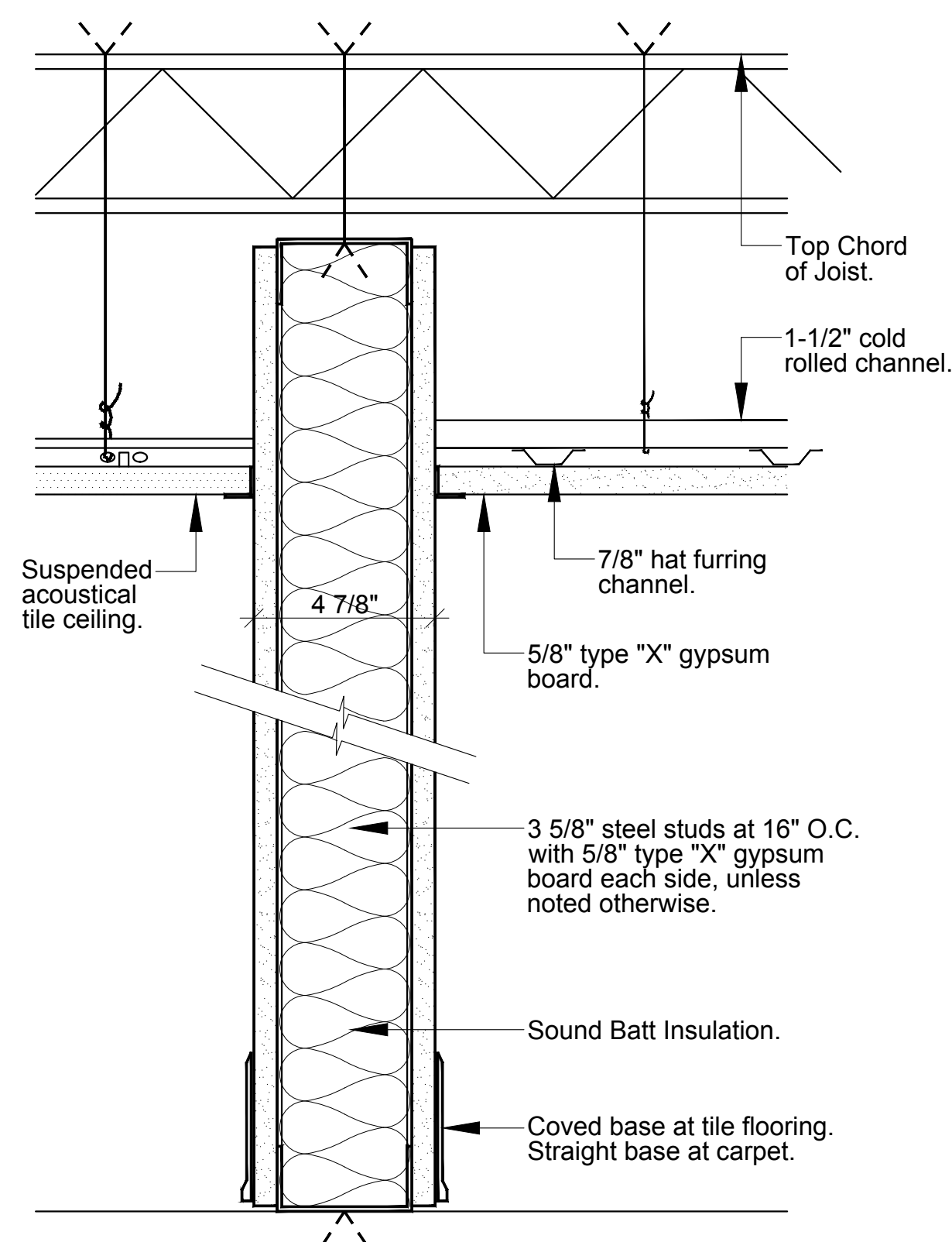
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Scale: 3" = 1'-0"



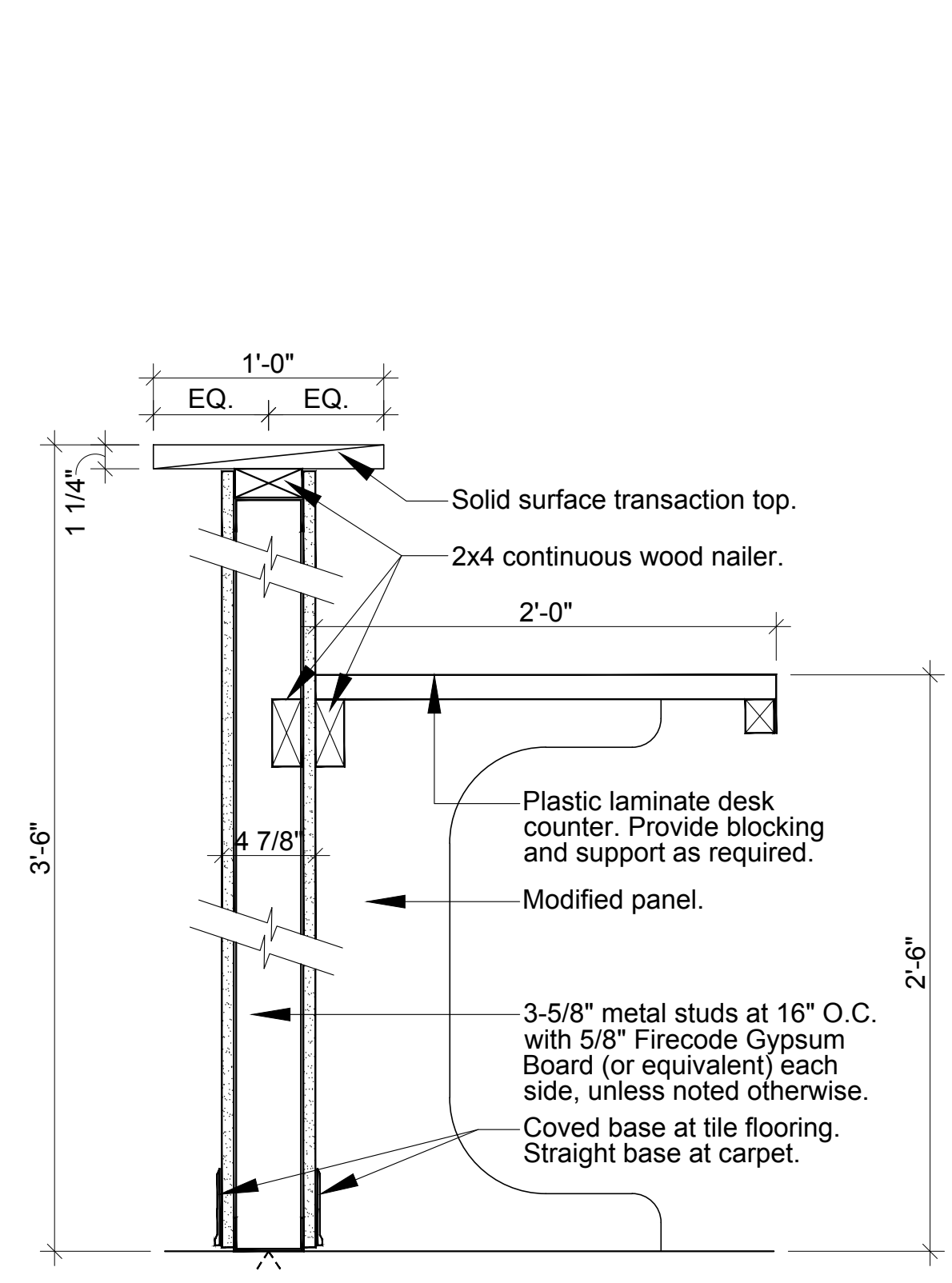
6 Wall Section
Scale: 3" = 1'-0"



7 Wall Section
Scale: 3" = 1'-0"



8 Wall Section
Scale: 3" = 1'-0"



9 Wall Section
Scale: 3" = 1'-0"



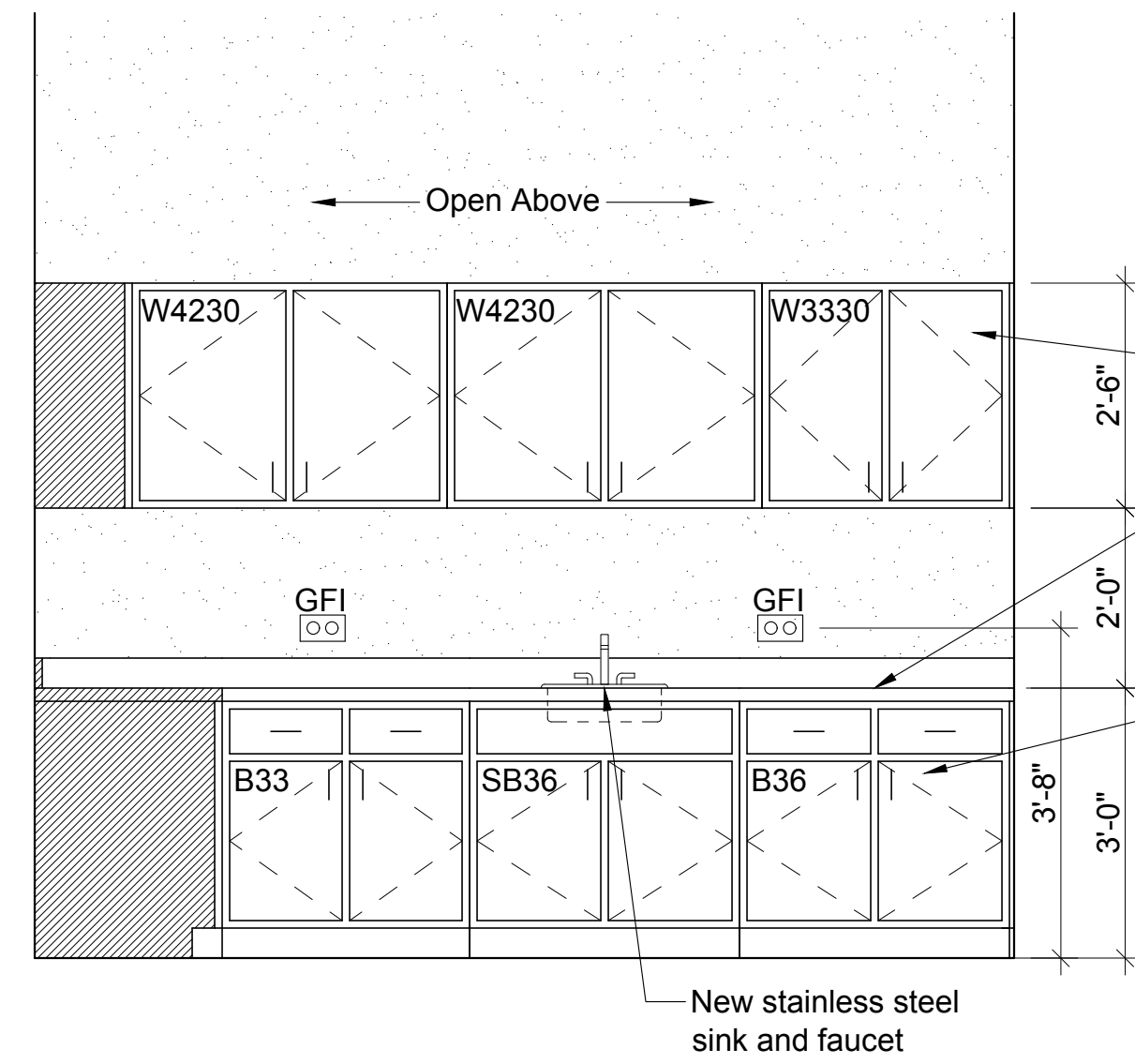
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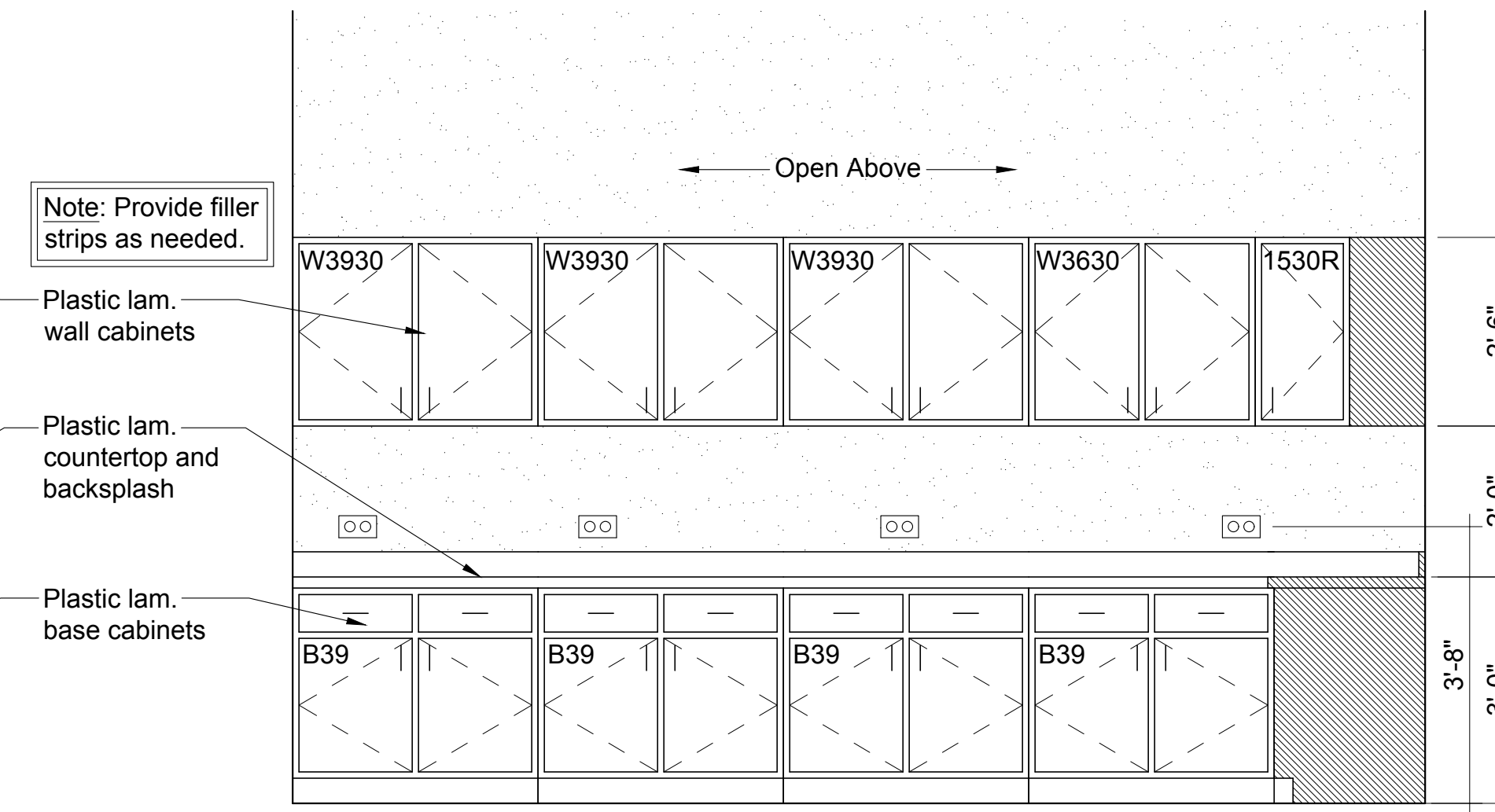
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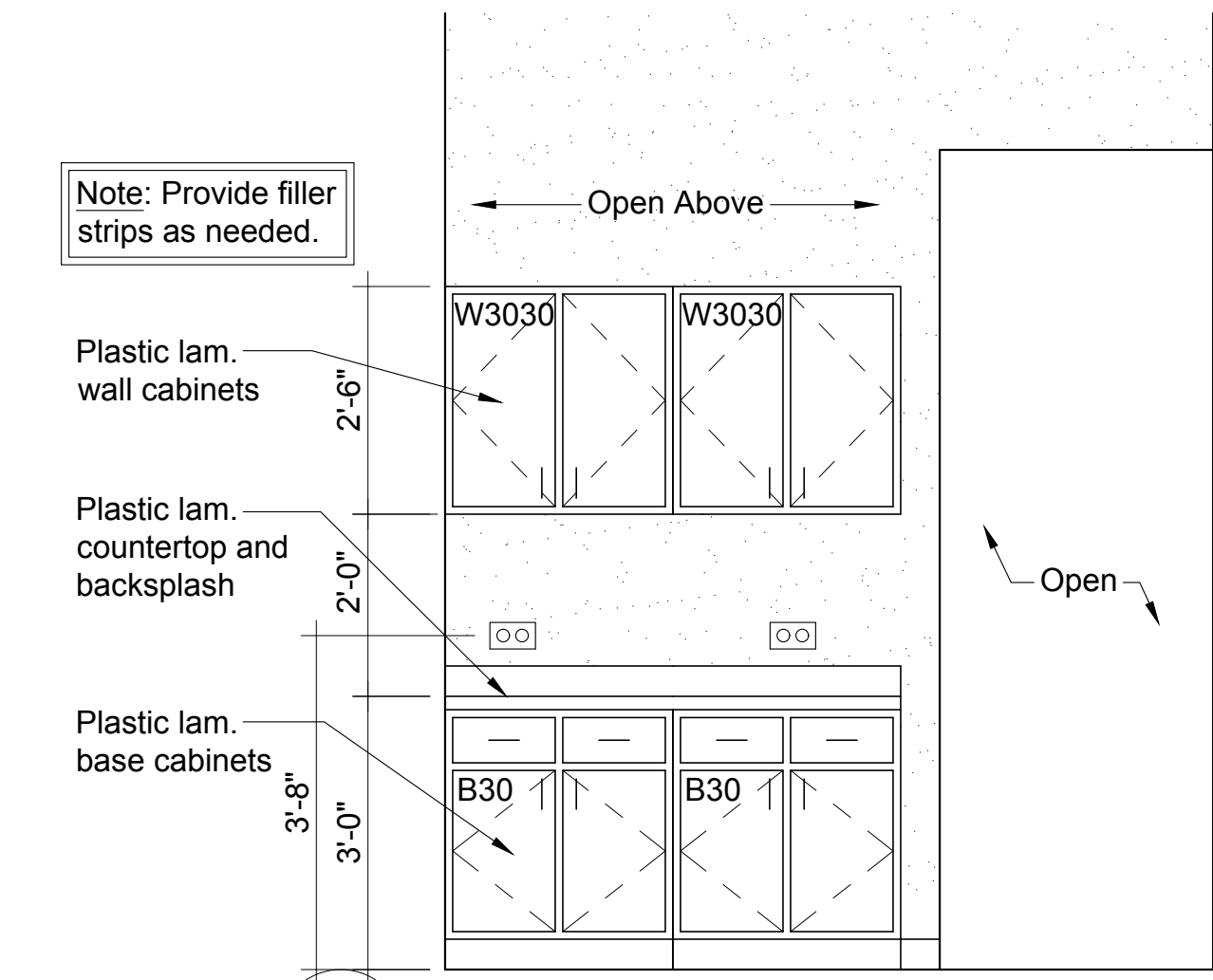
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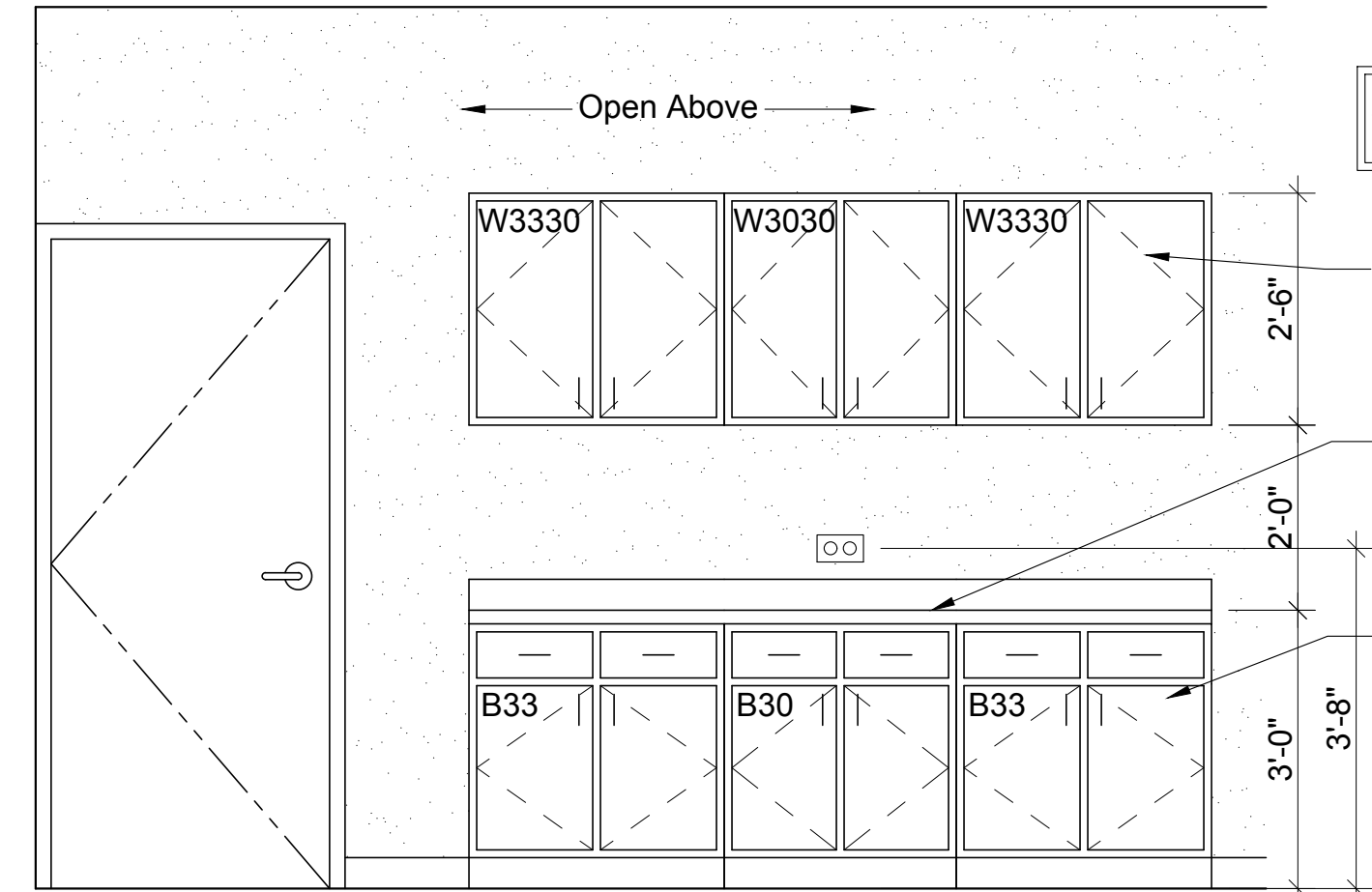
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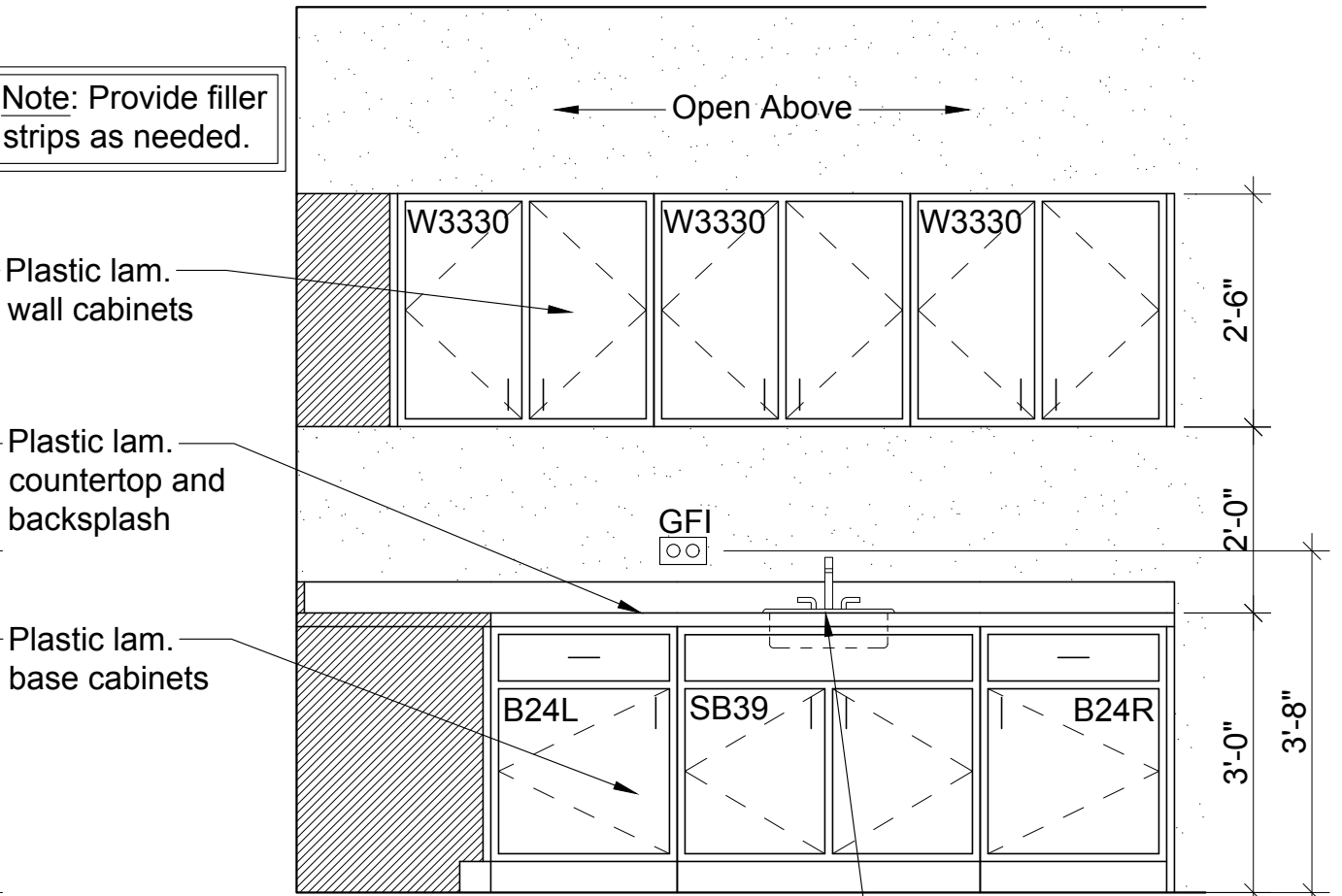
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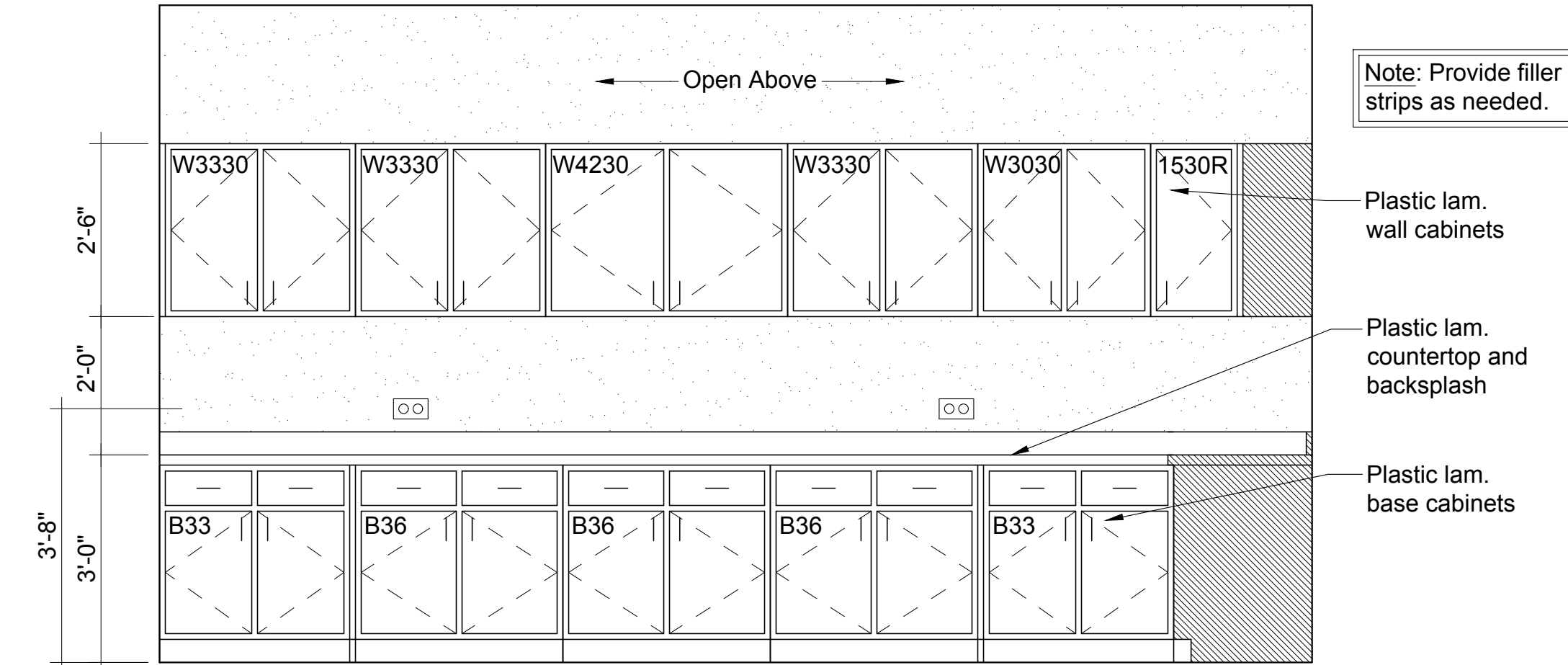
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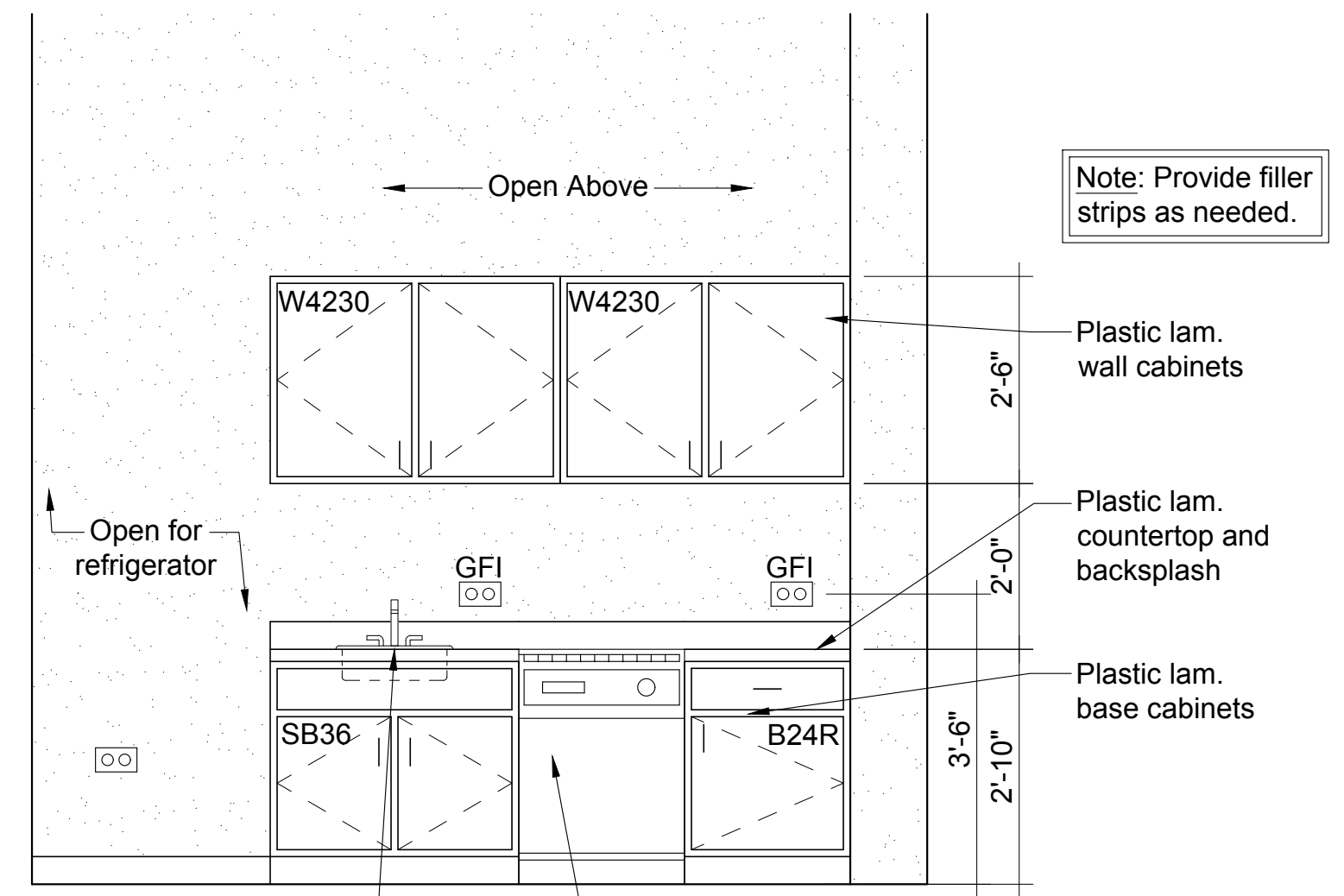
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5 Interior Elevation @ Lab #124
Scale: 1/2" = 1'-0"



6 Interior Elevation @ Lab #124
Scale: 1/2" = 1'-0"



7 Interior Elevation @ Staff Lounge #129
Scale: 1/2" = 1'-0"

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7	05-06-21



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SEFG No. 121081	SHEET:
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ROOM FINISH SCHEDULE

Room Number	Room Name	Floor	Base	Wall	Ceiling	Ceiling Height	Remarks
101	Waiting	CPT-1	B-1	P-1	Exposed		
102	Reception	CPT-1	B-1	P-1	2x2 ATC	9'-6" A.F.F.	
103	Business Office	CPT-1	B-1	P-1	2x2 ATC	9'-6" A.F.F.	
104	Hall	CPT-1	B-1	P-1	Exposed		
105	Consult 1	CPT-1	B-1	P-1	2x2 ATC	9'-6" A.F.F.	
106	Consult 2	CPT-1	B-1	P-1	2x2 ATC	9'-6" A.F.F.	
107	Consult 3	CPT-1	B-1	P-1	2x2 ATC	9'-6" A.F.F.	
108	X-ray	CPT-1	B-1	P-1	2x2 ATC	9'-6" A.F.F.	
109	Treatment Room 1	VCT-1	B-1	P-1	2x2 ATC	9'-6" A.F.F.	
110	Treatment Room 2	VCT-1	B-1	P-1	2x2 ATC	9'-6" A.F.F.	
111	Treatment Room 3	VCT-1	B-1	P-1	2x2 ATC	9'-6" A.F.F.	
112	Hall	CPT-1	B-1	P-1	Exposed		
113	Treatment Room 4	VCT-1	B-1	P-1	2x2 ATC	9'-6" A.F.F.	
114	Treatment Room 5	VCT-1	B-1	P-1	2x2 ATC	9'-6" A.F.F.	
115	Private Office	CPT-1	B-1	P-1	2x2 ATC	9'-6" A.F.F.	
116	Sterilization	VCT-1	B-1	P-1	Exposed		
117	Hall	CPT-1	B-1	P-1	Exposed		
118	Treatment Room 6	VCT-1	B-1	P-1	2x2 ATC	9'-6" A.F.F.	
119	Treatment Room 7	VCT-1	B-1	P-1	2x2 ATC	9'-6" A.F.F.	
120	Tank Closet	VCT-1	B-1	P-1	Exposed		
121	Recovery	CPT-1	B-1	P-1	2x2 ATC	9'-6" A.F.F.	
122	Storage	VCT-1	B-1	P-1	2x2 ATC	9'-6" A.F.F.	
123	Toilet Room	VCT-1	B-1	P-1	Gyp. Bd.	9'-0" A.F.F.	
124	Lab	VCT-1	B-1	P-1	2x2 ATC	9'-6" A.F.F.	
125	Wet Lab	VCT-1	B-1	P-1	2x2 ATC	9'-6" A.F.F.	
126	Storage	VCT-1	B-1	P-1	2x2 ATC	9'-6" A.F.F.	
127	Storage/ Laundry	VCT-1	B-1	P-1	2x2 ATC	9'-6" A.F.F.	
128	Mechanical	VCT-1	B-1	P-1	2x2 ATC	9'-6" A.F.F.	
129	Staff Lounge	VCT-1	B-1	P-1	Exposed		

Legend

<p>Floor: CPT-1 Carpet To be selected by doctor</p> <p>VCT-1 Vinyl Tile Color: To be selected by doctor</p> <p>Base: B-1 Vinyl Base To be selected by doctor Cove @ Tile Straight @ Carpet</p>	<p>Wall: P-1 "Benjamin Moore egg-shell or equivalent" Color: To be selected by doctor</p> <p>Ceiling: ATC New 2x2 Acoustical Tile Ceiling Gyp. Bd. Gypsum Board</p>
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- Notes:**
- All colors, styles and finishes to be approved by doctor.

INTERIOR FINISHES

CLASS 2			
Material	Min. Critical Radiant Flux	Flame Spread	Smoke Developed
Carpet	0.22 watts/cm ²	—	—
Tile	—	0	0
VCT	—	20	450
Vinyl Base	—	20	450
Paint	—	10	5
Acoustical Tile	—	25	10
Acoustical Tile (Vinyl coated)	—	20	5

DOOR SCHEDULE

DOOR		Size	Material	Finish	FRAME		HARDWARE		Remarks
Door	Type				Material	Finish	Detail	Hardware Set	
①	Flush w/ Full Lite	3'-0"W x 7'-0"H	S.C. Birch + Temp. Glass		H.M.	Paint		Lever Hdwr., w/ Closer and Keyed Lockset	w/ 3'-0"W x 7'-0"H tempered glass sidelight on each side
②	Flush w/ Full Lite	3'-0"W x 7'-0"H	S.C. Birch + Temp. Glass		H.M.	Paint		Lever Hdwr., w/ Closer	w/ 1'-6"W x 7'-0"H tempered glass sidelight
③	Flush w/ Full Lite	3'-0"W x 7'-0"H	S.C. Birch + Temp. Glass		H.M.	Paint		Lever Hdwr.	w/ 1'-6"W x 7'-0"H tempered glass sidelight
④	Flush w/ Full Lite	3'-0"W x 7'-0"H	S.C. Birch + Temp. Glass		H.M.	Paint		Lever Hdwr.	w/ 1'-6"W x 7'-0"H tempered glass sidelight
⑤	Flush w/ Full Lite	3'-0"W x 7'-0"H	S.C. Birch + Temp. Glass		H.M.	Paint		Lever Hdwr.	w/ 1'-6"W x 7'-0"H tempered glass sidelight
⑥	Flush	3'-0"W x 7'-0"H	S.C. Birch		H.M.	Paint		Lever Hdwr.	
⑦	Flush w/ Full Lite	3'-0"W x 7'-0"H	S.C. Birch + Temp. Glass		H.M.	Paint		Lever Hdwr.	w/ 1'-0"W x 7'-0"H tempered glass sidelight
⑧	Flush w/ Full Lite	3'-0"W x 7'-0"H	S.C. Birch + Temp. Glass		H.M.	Paint		Lever Hdwr., w/ Closer	w/ 1'-6"W x 7'-0"H tempered glass sidelight
⑨	Flush	3'-0"W x 7'-0"H	S.C. Birch		H.M.	Paint		Lever Hdwr.	
⑩	Flush	3'-0"W x 7'-0"H	S.C. Birch		H.M.	Paint		Lever Hdwr.	
⑪	Flush	2'-6"W x 7'-0"H	S.C. Birch		H.M.	Paint		Lever Hdwr., keyed lockset	
⑫	Flush	3'-0"W x 7'-0"H	S.C. Birch		H.M.	Paint		Lever Hdwr.	
⑬	Flush	3'-0"W x 7'-0"H	S.C. Birch		H.M.	Paint		Lever Hdwr., Privacy lockset	
⑭	Flush	2'-6"W x 7'-0"H	S.C. Birch		H.M.	Paint		Lever Hdwr., keyed lockset	
⑮	Flush	3'-0"W x 7'-0"H	S.C. Birch		H.M.	Paint		Lever Hdwr.	
⑯	Flush	2'-6"W x 7'-0"H	S.C. Birch		H.M.	Paint		Lever Hdwr., keyed lockset	
⑰	Pocket Door	3'-0"W x 7'-0"H	S.C. Birch		H.M.	Paint		ADA Pull*	*Provide Trimco 1069 Series Accessible Pull
⑱	1 Hr Rated	3'-0"W x 7'-0"H			H.M.	Paint		Lever Hdwr., keyed lockset	
⑲	Existing								Exist. to Remain
⑳	Flush	3'-0"W x 7'-0"H	S.C. Birch		H.M.	Paint		Lever Hdwr.	
㉑	Flush	2'-6"W x 7'-0"H	S.C. Birch		H.M.	Paint		Lever Hdwr., keyed lockset	
㉒	Flush	3'-0"W x 7'-0"H	S.C. Birch		H.M.	Paint		Lever Hdwr.	
㉓	Flush	3'-0"W x 7'-0"H	S.C. Birch		H.M.	Paint		Lever Hdwr., keyed lockset	
㉔	Flush	3'-0"W x 7'-0"H	S.C. Birch		H.M.	Paint		Lever Hdwr.	
㉕	Flush	3'-0"W x 7'-0"H	S.C. Birch		H.M.	Paint		Lever Hdwr., keyed lockset	
㉖	Existing								Existing to Remain

Notes:

- Door and hardware finish to be approved by doctor.
- Verify master keying of all hardware with doctor. Verify all hardware requirements with owner prior to ordering.
- All operating devices on doors shall have a shape that does not require tight grasping or twisting to operate.
- All egress doors shall be readily operable from the interior/egress side without the use of a key (unlocked in the direction of egress) or special knowledge or effort. A lever handle or push paddle must be provided that opens the lock and door in one motion.
- All new doors to be 3'-0" wide with lever hardware unless noted otherwise.
- Door handles, pulls, latches, locks, and other operating devices required to be accessible shall not require tight twisting of the wrist to operate on new and existing doors. (IFC 1008.1.8.1 & NFPA 101-7.2.1.5.9).
- Provide accessible required maneuvering clearance at all doors (18" min. at jamb on pull side, 12" at jamb on push side.).
- All glass in doors to be tempered safety glass.

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EON CLINIC
10120 CALUMET AVE., SUITE 202
MUNSTER, INDIANA

INTERIOR REMODEL FOR:

No.	Date	Issued for Review	Issued for Permit
1	05-06-21	05-06-21	05-06-21



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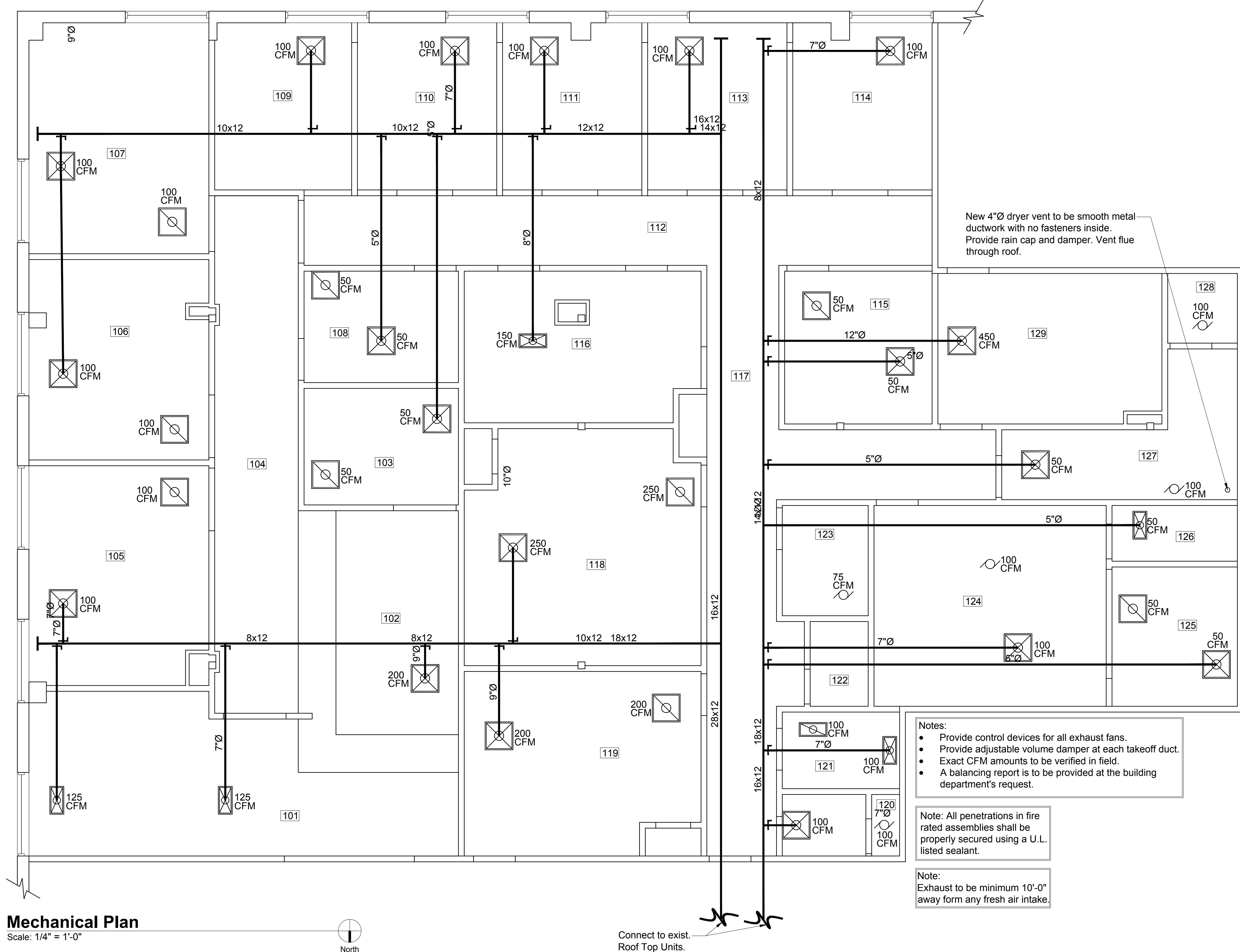
SEFG No. 121081	SHEET:
Drawn: MHZ	A-7
Checked: S.E.F.G.	
Date: 05-06-21	

VENTILATION SCHEDULE

(Based on 2012 International Mechanical Code Table 403.3)
 * Actual CFM will meet or exceed International Mechanical Code requirements.

Room Number	Room Name	Occupancy Classification	Floor Area Sq. Ft.	Fixture Count	Occupant Load	Required Mech. Ventilation		Actual Mech. Ventilation			
						CFM Outdoor Air	CFM Air Exhaust	CFM Outdoor Air	CFM Air Supply	CFM Air Return	CFM Air Exhaust
101	Waiting	Reception Area	287		9	62	0	75	250	250	
102	Reception	Reception Area	195		6	42	0	45	150	150	
103	Business Office	Office	93		1	11	0	15	50	50	
104	Hall	Corridor	223		0	13	0	15	50	50	
105	Consult 1	Office	199		1	17	0	30	100	100	
106	Consult 2	Office	182		1	16	0	30	100	100	
107	Consult 3	Office	213		1	18	0	30	100	100	
108	X-ray	Office	89		1	10	0	15	50	50	
109	Treatment Room 1	Patient Room	118		1	25	0	30	100	100	
110	Treatment Room 2	Patient Room	120		1	25	0	30	100	100	
111	Treatment Room 3	Patient Room	120		1	25	0	30	100	100	
112	Hall	Corridor	225		0	14	0	15	50	50	
113	Treatment Room 4	Patient Room	120		1	25	0	30	100	100	
114	Treatment Room 5	Patient Room	120		1	25	0	30	100	100	
115	Private Office	Office	116		1	12	0	15	50	50	
116	Sterilization	Office	180		1	16	0	30	100	100	
117	Hall	Corridor	333		0	20	0	30	100	100	
118	Treatment Room 6	Patient Room	274		3	75	0	75	250	250	
119	Treatment Room 7	Patient Room	215		2	50	0	60	200	200	
120	Tank Closet		9		0	0	0	0	0	0	100
121	Recovery	Patient Room	46		1	25	0	30	100	100	
122	Storage	Storage Room	25		0	3	0	0	0	0	
123	Toilet Room	Toilet Room — Public	49	1	0	0	70	0	0	0	75
124	Lab	Office	240		1	19	0		100	0	100
125	Wet Lab	Office	90		1	10	0	15	50	50	
126	Storage	Storage Room	36		0	4	0	15	50	0	
127	Storage/Laundry	Storage Room	114		0	14	0	15	50	0	100
128	Mechanical		25		0	0	0	0	0	0	100
129	Staff Lounge	Dining Room	171		12	121	0	135	450	450	
TOTALS:			4,227	1	47	697	70	840	2,900	2,700	475

- Notes:
- (3) existing roof top units to remain serving entire building (1) with 3000 CFM, (1) with 19,500 CFM, and (1) with 9,500 CFM
 - Provide new ductwork and supply dampers throughout.
 - All ductwork shall be sheet metal and shall meet A.S.H.R.A.E. standards and shall comply with 13-176-160.
 - 100% of code supply outdoor air shall be 15'-0" away from all exhaust and contamination.
 - All dampers shall be locking type.
 - New flexible ducts to be "ZIPPER FLEX" model #429-4 (or equiv.).



- Notes:
- Provide control devices for all exhaust fans.
 - Provide adjustable volume damper at each takeoff duct.
 - Exact CFM amounts to be verified in field.
 - A balancing report is to be provided at the building department's request.

Note: All penetrations in fire rated assemblies shall be properly secured using a U.L. listed sealant.

Note: Exhaust to be minimum 10'-0" away from any fresh air intake.

New 4"Ø dryer vent to be smooth metal ductwork with no fasteners inside. Provide rain cap and damper. Vent flue through roof.

**EON CLINIC
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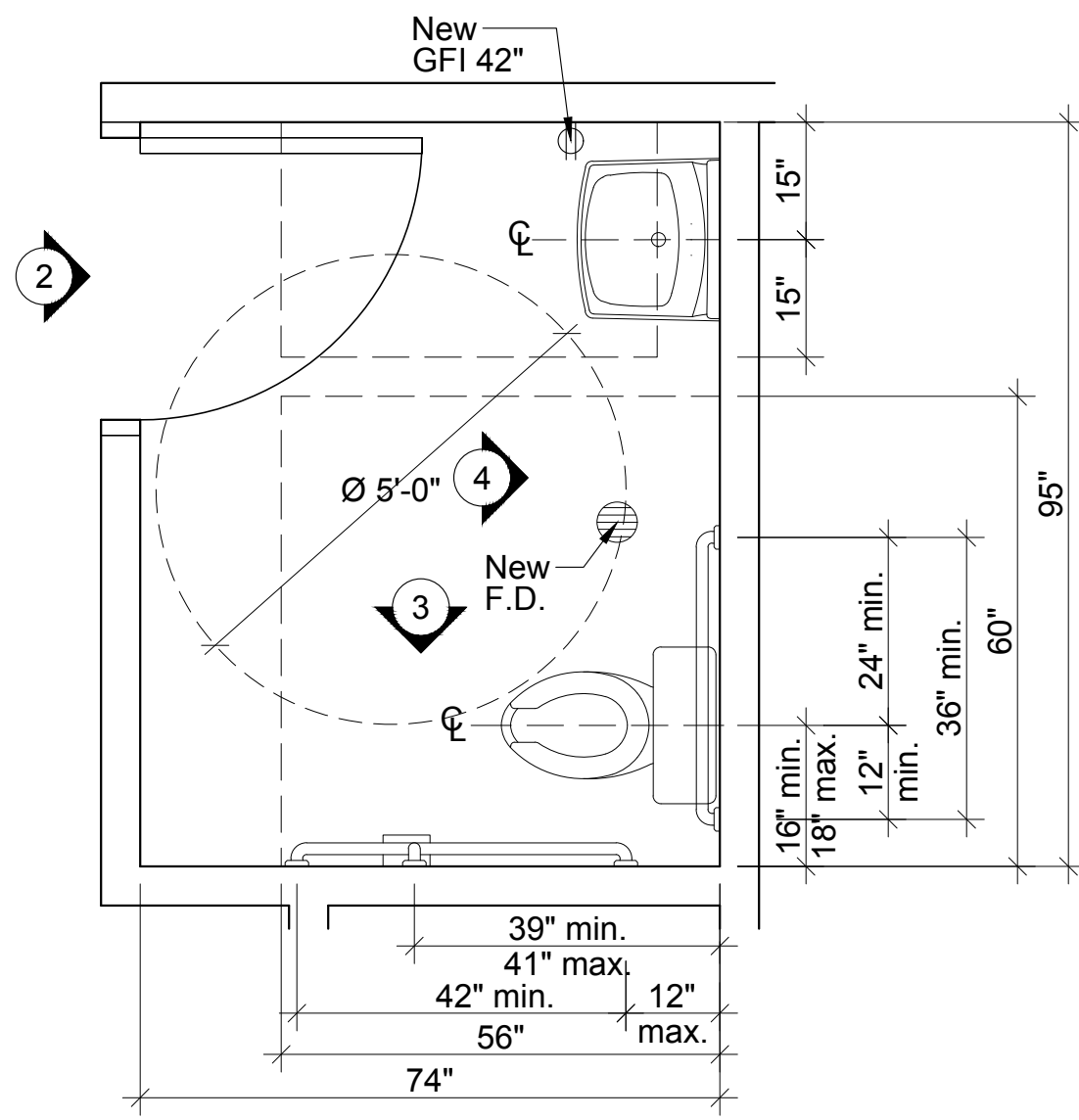
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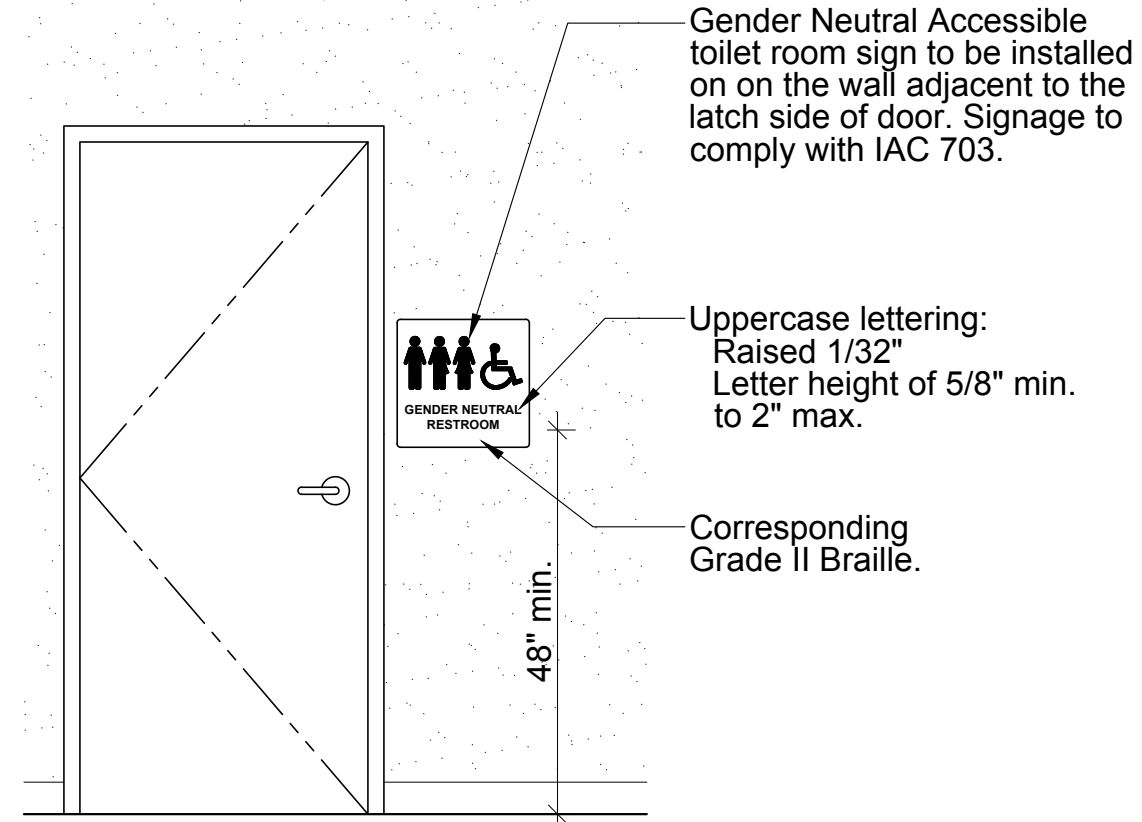


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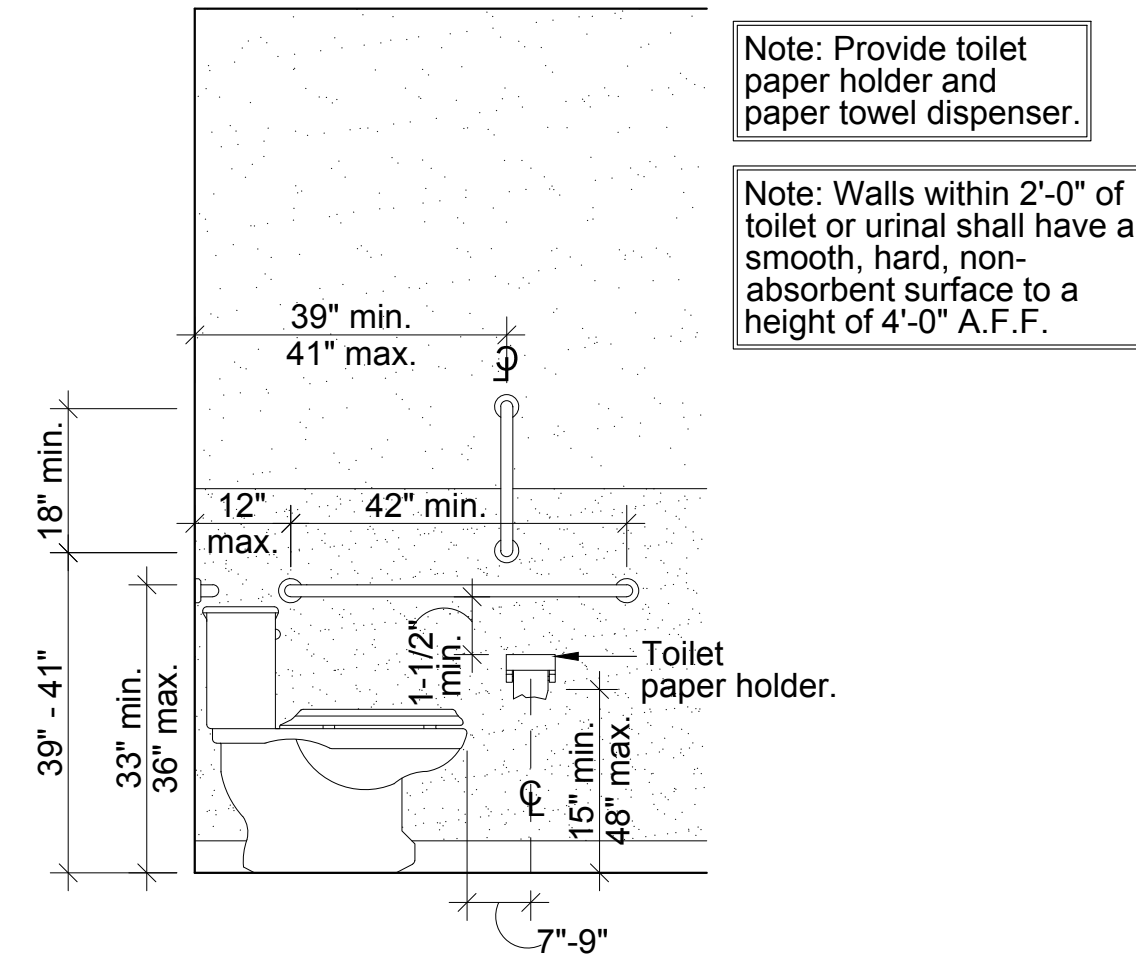
SEFG No. 121081	SHEET:
Drawn: MHZ	M-1
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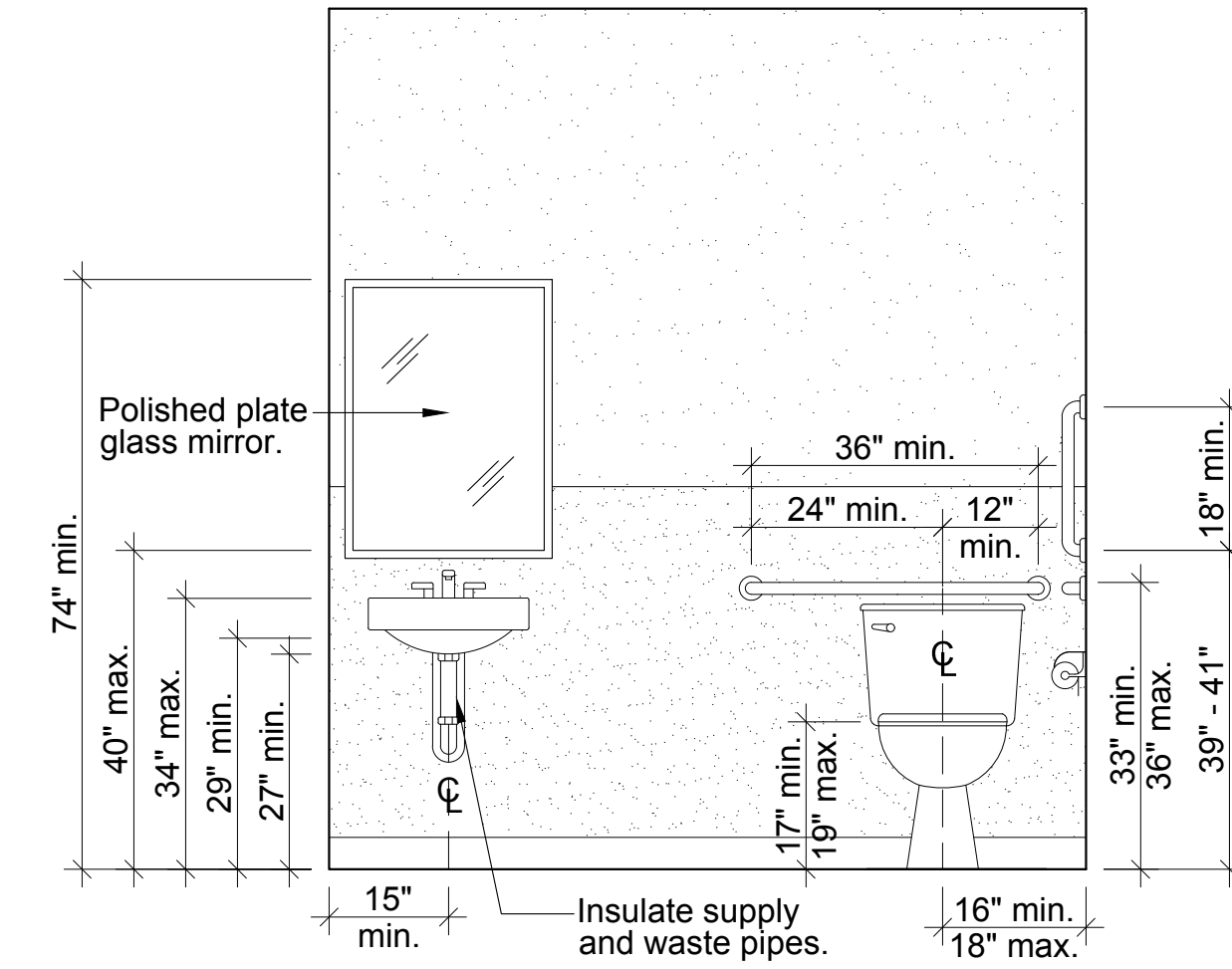
1 Toilet Room Plan
Scale: 1/2" = 1'-0"



2 Toilet Room Signage Elevation
Scale: 1/2" = 1'-0"



3 Toilet Room Elevation
Scale: 1/2" = 1'-0"

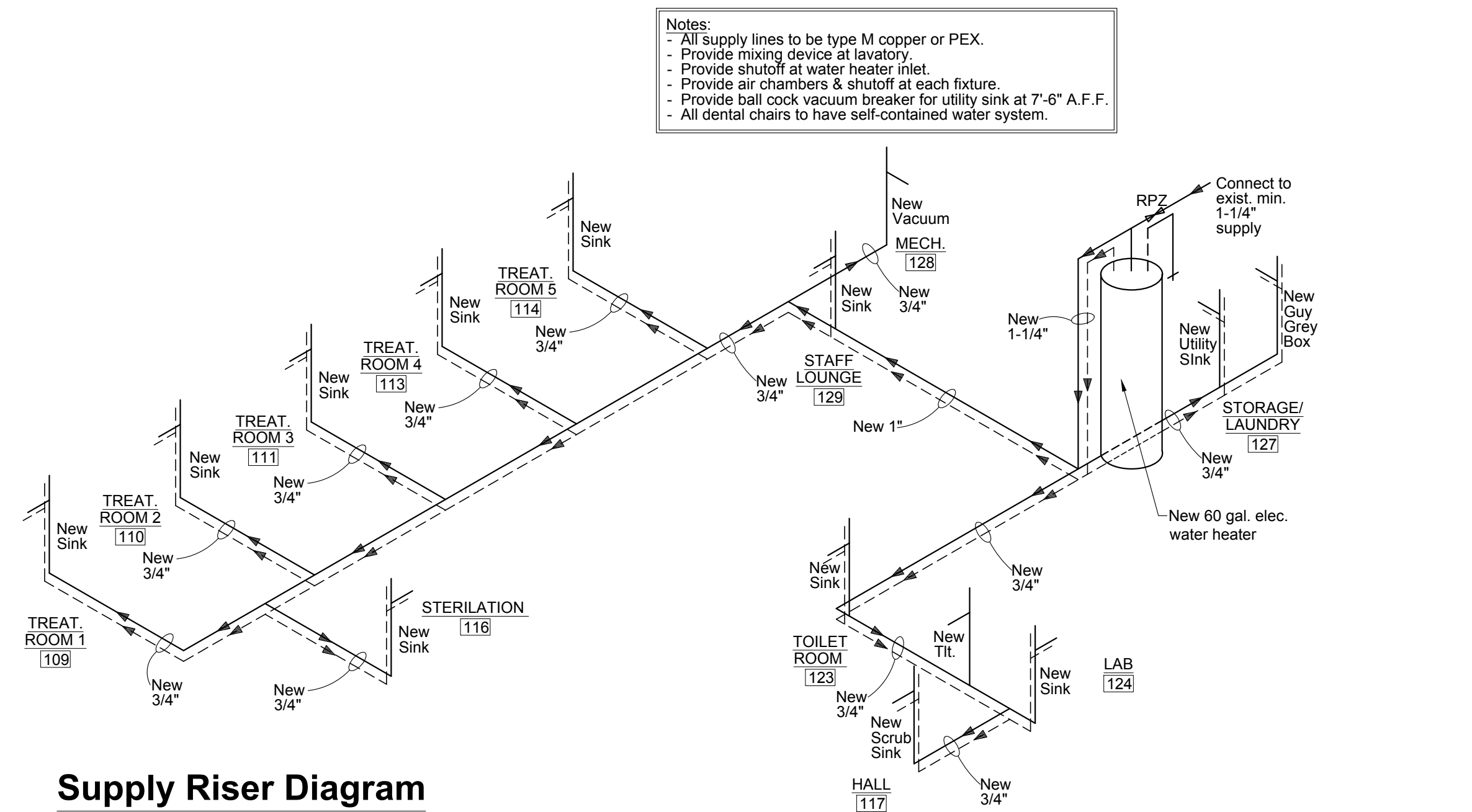


4 Toilet Room Elevation
Scale: 1/2" = 1'-0"

PLUMBING FIXTURE SCHEDULE

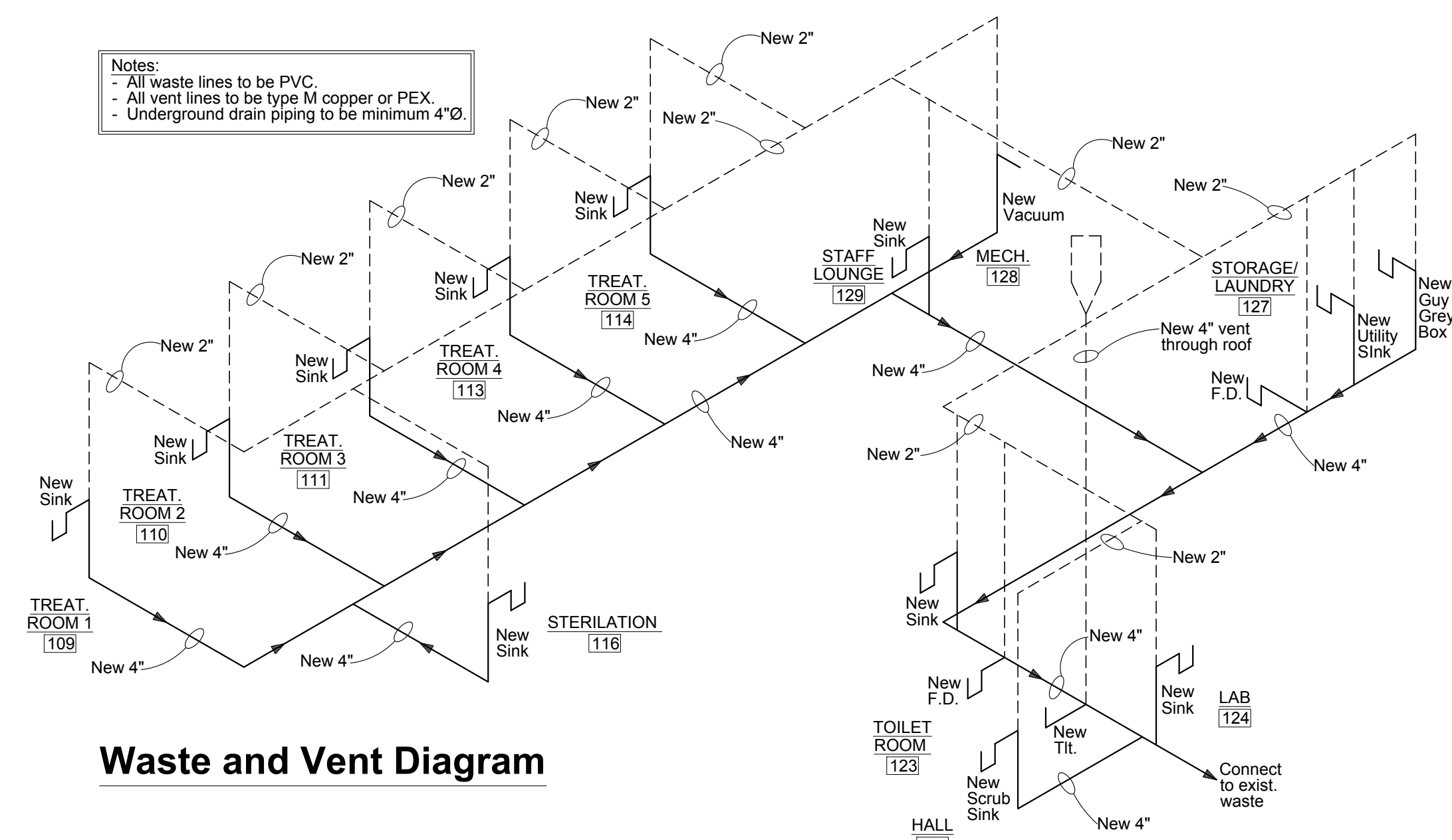
Item	Qty.	Make	Color	W.S.F.	Total W.S.F.	Remarks
Toilet (Flush Tank)	1	American Standard (or equal)	White	3	3.0	New
Lavatory	1	American Standard (or equal)	White	2	2.0	New
Exam Sink	5		Stainless Steel	2	10.0	New
Lab Sink	2		Stainless Steel	2	4.0	New
Scrub Sink	1		Stainless Steel	2	2.0	New
Utility Sink	1			3	3.0	New
Break Room Sink	1		Stainless Steel	2	2.0	New
Dental Vacuum	1			10	10.0	New
				Total:	36.0	

- Notes:
 1. Tenant to approve all fixtures and appliances prior to ordering.
 2. Existing water service to be a minimum of 1-1/4" to meet Plumbing Code.



Supply Riser Diagram

Plumbing Diagrams
Not to Scale



Waste and Vent Diagram



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Date:	05-06-21	Sheet 1 of 1	

ELECTRICAL PANEL SCHEDULE

Voltage: 208/120
 Phase: 3
 Wire: 4
 Main: 225A
 Rating:
 Equipment Ground Bar
 100% Natural Bus

Location: Common Elec. Room
 Mounting: Surface
 Panel Type: Circuit Breaker
 Fed From:
 Feeder:
 Short Circuit:
 Rating:

Legend:
 L Lights
 R Receptacles
 M Motors
 E Equipment
 S Spare

CCT. Number	Trip	Legend	Description	Load (VA)			CCT. Number	Trip	Legend	Description	Load (VA)			
				A	B	C					A	B	C	
1	20	L	Exit Lights	840			2	20	R	Receptacles	1080			
3	20	L	Lights		1440		4	20	R	Receptacles		1080		
5	20	L	Lights			1440	6	20	R	Receptacles			1080	
7	20	L	Lights	1440			8	20	R	Receptacles	1080			
9	20	L	Lights		1440		10	20	R	Receptacles		1080		
11	20	L	Lights			1440	12	20	R	Receptacles			1080	
13	20	L	Lights	1440			14	20	R	Receptacles	1080			
15	20	L	Lights		1440		16	20	R	Receptacles		1080		
17	20	L/R/E	Toilet Room			1080	18	20	R	Receptacles			1080	
19	20	E	Exhaust Fans	1440			20	20	R	Receptacles	1080			
21	20	E	Dental Chairs		600		22	20	R	Receptacles		1080		
23	20	E	Dental Chairs			600	24	20	R	Receptacles			1080	
25	20	E	Dental Chairs	600			26	20	E	Washer	1800			
27	20	E	Dental Chairs		300		28	20	E	Dryer		1500		
29	20	E	Vacuum			1080	30							
31				1080				32	30	E	Pan-X		1200	
33	20	E	Compressor		1200		34							1200
35						1200		36	30	E	Water Heater			1500
37	20	E	Autoclave	1380			38						1500	
39	20	E	Ultrasonic Cleaner		1725		40	20	S	Implant Cabinet				
41		S	Spare				42		S	Spare				
Sub Total:				8220	8145	6840					Sub Total:	8820	7020	7320
												8220	8145	6840
											Sub Total:	17040	15165	14160
											Total:	46	KVA	

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E-1
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