

SHEET INDEX

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A12.1	MILLWORK DETAILS	●									
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STRUCTURAL											
S0.0	DESIGN CRITERIA & GENERAL NOTES	●									
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S1.0	FOUNDATION PLAN - BUILDING 2	●									
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S2.0	CONCRETE FOUNDATION DETAILS	●									
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S3.1	WOOD SHEAR WALL SCHEDULES & DETAILS	●									
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PLUMBING											
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M1.0	MECHANICAL PLAN	●									
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ANGIER MEDICAL COMPLEX BUILDING 2

111 LOGAN CT.
ANGIER, NC 27501

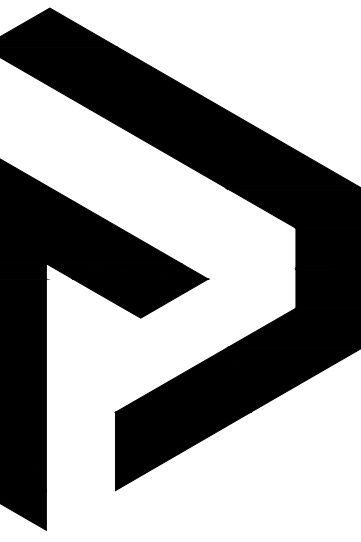


PROJECT DESCRIPTION

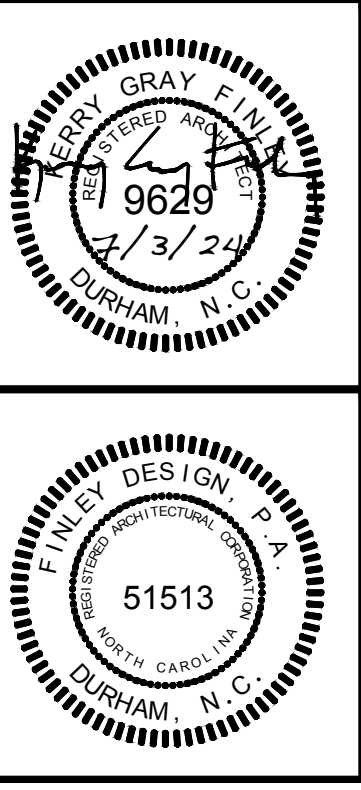
NEW CONSTRUCTION OF ONE-STORY TYPE VB RETAIL SHELL DEVELOPMENT WITH RETAIL TENANT IMPROVEMENT (UPFIT/BUILD-OUT) PLANS.

STATUTORY BUILDING CODES

- NORTH CAROLINA BUILDING CODE, 2018 EDITION
- NORTH CAROLINA FIRE PREVENTION CODE, 2018 EDITION
- NORTH CAROLINA MECHANICAL CODE, 2018 EDITION
- NORTH CAROLINA PLUMBING CODE, 2018 EDITION
- NORTH CAROLINA ELECTRICAL CODE, 2020 EDITION
- NORTH CAROLINA ENERGY CONSERVATION CODE, 2018 EDITION
- NATIONAL FIRE PROTECTION ASSOCIATION (NFPA 13), STANDARD FOR THE INSTALLATION OF SPRINKLER SYST., 2013 EDITION.
- NATIONAL FIRE PROTECTION ASSOCIATION (NFPA 14), STANDARD FOR THE INSTALLATION OF STANDPIPE & HOSE SYSTEMS, 2013 EDITION.
- NATIONAL FIRE PROTECTION ASSOCIATION (NFPA 20), INSTALLATION OF CENTRIFUGAL FIRE PUMPS, 2013 EDITION.
- NATIONAL FIRE PROTECTION ASSOCIATION (NFPA 72), NATIONAL FIRE ALARM CODE, 2013 EDITION.
- ACCESSIBLE AND USABLE BUILDINGS AND FACILITIES (A117.1), 2009 EDITION



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ISSUED FOR PERMIT

ANGIER MEDICAL COMPLEX
BUILDING 2
ANGIER, NC

REVISIONS

NO.	DESCRIPTION

PROJECT: 2344
DATE: 7/3/24
DRAWN BY: KEL
CHECKED BY: KEL

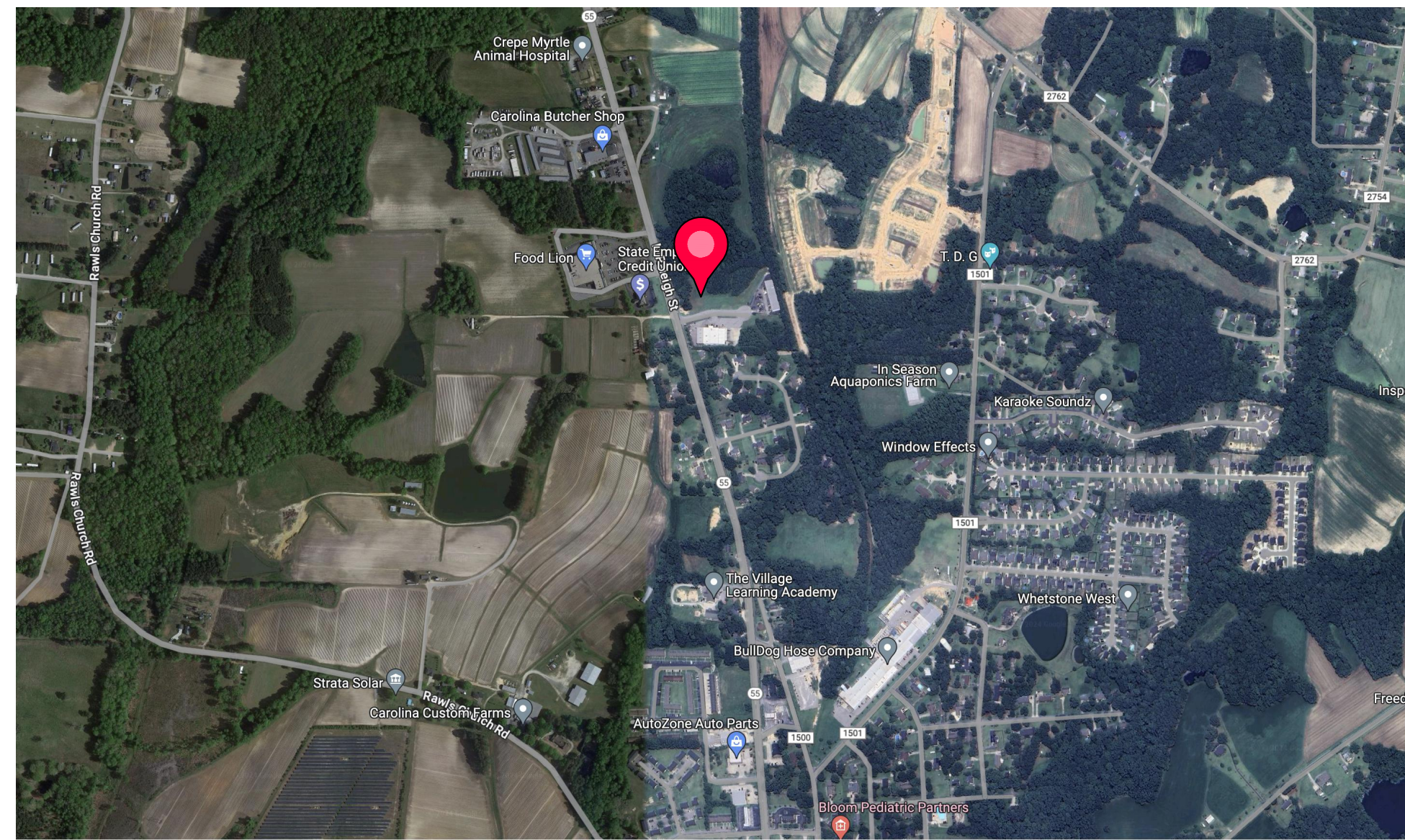
COVER SHEET

A0.00

ABBREVIATIONS

AV	AUDIO VISUAL	LAM	LAMINATE(D)
ADJ	ADJUSTABLE	LAV	LAVATORY
AFF	ABOVE FINISH FLOOR	LBL	LABEL
ALUM	ALUMINUM	LH	LEFT HAND
ALT	ALTERNATE	LL	LIVE LOAD
&	AND	LT	LIGHT
Z	ANGLE	LWC	LIGHT WEIGHT CONCRETE
ARCH	ARCHITECT(URAL)		
@	AT		
		MATL.	MATERIAL
BLDG.	BUILDING	MAX	MAXIMUM
B.O.	BOTTOM OF	MDF	MEDIUM DENSITY FIBERBOARD
		MECH	MECHANICAL
CER	CERAMIC	MEMB	MEMBRANE
C.J.	CONTROL JOINT	MTL	METAL
CL	CENTER LINE	MFR	MANUFACTURER
CLG.	CILING	MIN	MINIMUM
CLR	CLEAR(ANCE)	MISC	MISCELLANEOUS
CMU	CONCRETE MASONRY UNIT		
CLO	CLOSET	N.	NORTH
C.O.	CLEAN OUT	N.A.	NOT APPLICABLE
COL	COLUMN	N.I.C.	NOT IN CONTRACT
CONC.	CONCRETE	NR	NON RATED
COND.	CONDITION(ING)	N.T.S.	NOT TO SCALE
CONSTR	CONSTRUCTION	# / No.	NUMBER
CONT.	CONTINUOUS		
COORD	COORDINATE	O.C.	ON CENTER
CORR	CORRIDOR	O.D.	OUTSIDE DIAMETER
CTR	CENTER	O.F.C.I.	OWNER FURNISHED, CONTRACTOR INSTALLED
		O.F.O.I.	OWNER FURNISHED, OWNER INSTALLED
		OH	OPPOSITE HAND / OVERHEAD
		OPP	OPPOSITE
DBL	DOUBLE		
DEG	DEGREE	PH	PANIC HARDWARE
DF	DRINKING FOUNTAIN	PL / r	PROPERTY LINE
DIA.	/ Ø DIAMETER	PERIM	PERIMETER
DIM	DIMENSION	PERP	PERPENDICULAR
DN.	DOWN	P.LAM.	PLASTIC LAMINATE
DTL	DETAIL	PLWD	PLYWOOD
DWG	DRAWING	PSF	POUNDS PER SQUARE FOOT
DWR	DRAWER	PSI	POUNDS PER SQUARE INCH
		PVC	POLY VINYL CHLORIDE
E.	EAST	PVMT	PAVEMENT
EA	EACH		
E.J.	EXPANSION JOINT	R	RADIUS
ELEV	ELEVATION	RCP	REFLECTED CEILING PLAN
ELEC.	ELECTRIC(AL)	R.D.	ROOF DRAIN
ENC	ENCLOSURE	REF	REFER(ENCE)
EQ	EQUAL	REINF	REINFORCING
EQUIP	EQUIPMENT	REQ'D.	REQUIRED
EXT.	EXTERIOR	RH	RIGHT HAND
EXIST	EXISTING	RM	ROOM
F.D.	FLOOR DRAIN	S.	SOUTH
FE	FIRE EXTINGUISHER	S.C.	SOLID CORE
FEC	FIRE EXTINGUISHER CABINET	SCHED	SCHEDULE
FF	FINISH FLOOR	SEC	SECURITY
FHC	FIRE HOUSE CABINET	SECT	SECTION
FIN	FINISH	S.F.	SQUARE FEET
FIXT	FIXTURE	SHWR	SHOWER
FLR	FLOOR	SIM	SIMILAR
F.O.	FACE OF	SPEC	SPECIFICATION
F.O.F.	FACE OF FINISH	SQ	SQUARE
F.O.P.	FACE OF STUD	SS/ST. STL.	STAINLESS STEEL OR SOLID SURFACE
' / FT	FOOT / FEET	STD	STANDARD
FS	FLOOR SINK	STRUCT	STRUCTURAL
FSR	FIRE SPRINKLER RISER	STL	STEEL
FV	FIELD VERIFY	SUSP	SUSPENDED
		SYM	SYMMETRICAL
GA	GAUGE	TBD	TO BE DETERMINED
GALV	GALVANIZED	TBS	TO BE SPECIFIED
GLS	GLASS / GLAZING	T.I.	TENANT IMPROVEMENT
GWB	GYPSTUM WALL BOARD	T.O.	TOP OF (SPECIFY ITEM)
GYP. BD.	GYPSTUM WALL BOARD	T.O.S.	TOP OF SLAB
		T.O.W.	TOP OF WALL
H.C.	HOLLOW CORE	TRANS	TRANSITION
HDR	HEADER	TV	TELEVISION
HDWE	HARDWARE	TYP	TYPICAL
H.M.	HOLLOW METAL		
HORIZ	HORIZONTAL	UNO	UNLESS NOTED OTHERWISE
HR	HOUR	UON	UNLESS OTHERWISE NOTED
HT	HEIGHT	UL	UNDERWRITERS LABORATORY
HVAC	HEATING, VENT. & AIR COND.		
HW	HOT WATER		
		VAV	VARIABLE AIR VALVE
I.D.	INSIDE DIAMETER	VCT	VINYL COMPOSITION TILE
" / IN.	INCH	VENT	VENTILATION
INCL	INCLUDE(D)	VERT	VERTICAL
INSUL	INSULATION	VIF	VERIFY IN FIELD
INT	INTERIOR		
		W.	WEST
JAN	JANITOR	WIN	WINDOW
		W/	WITH
KD	KNOCK DOWN	W/O	WITHOUT
		W.H.	WATER HEATER
		WT	WEIGHT

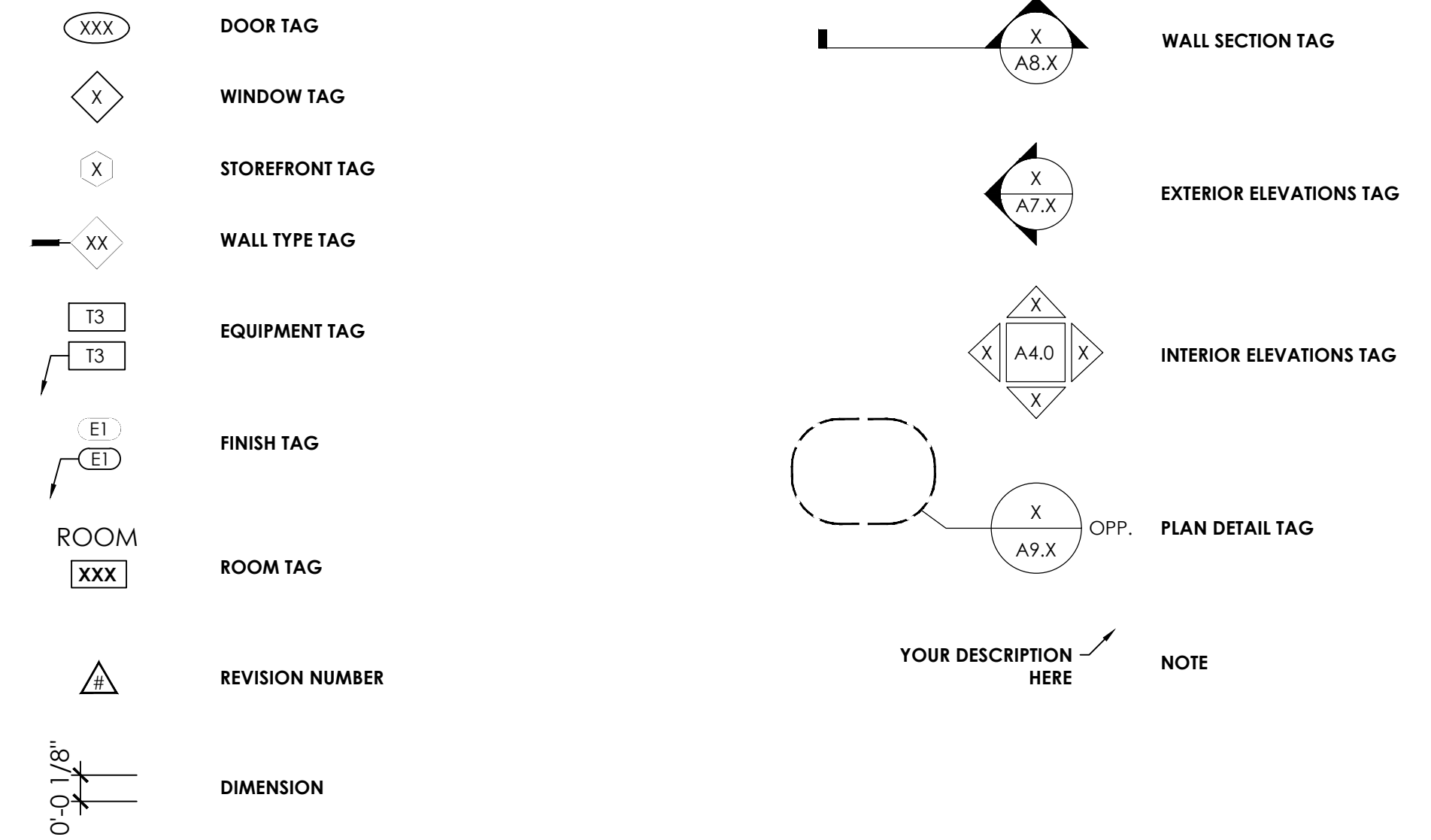
PROJECT LOCATION



PROJECT NOTES

PROJECT MISC.

PROJECT SYMBOLS

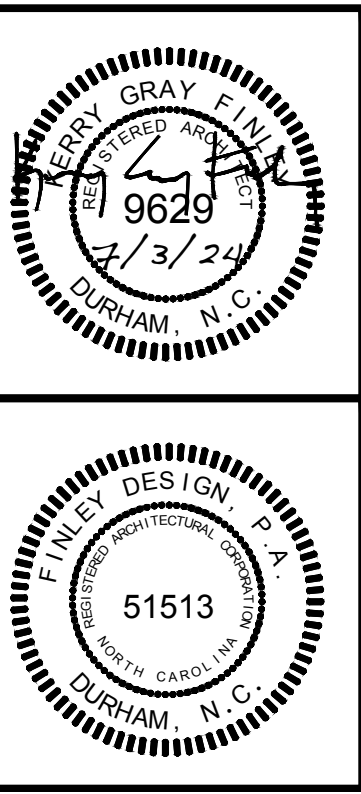


PROJECT DIRECTORY

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ANGIER MEDICAL COMPLEX
BUILDING 2
ANGIER, NC

REVISIONS

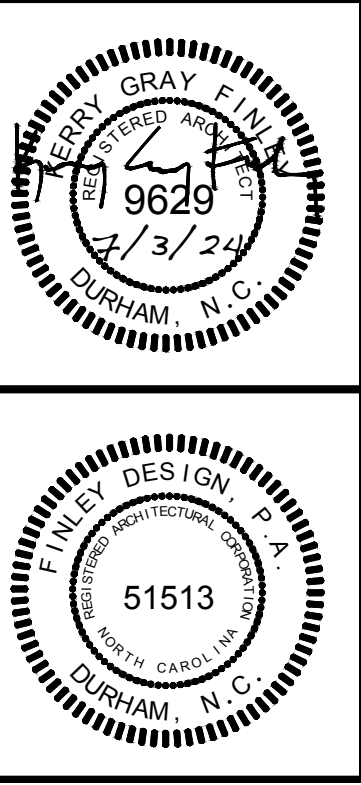
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GENERAL NOTES

A0.01



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LIFE SAFETY PLAN

A0.10

WALL LEGEND

LEAD-LINED WALLS

SYMBOL LEGEND

F.E. FIRE EXTINGUISHER CABINET WITH 30" X 48" CLEAR FLOOR SPACE

EX EXIT SIGNAGE - SEE ELECTRICAL DRAWINGS FOR MORE INFORMATION

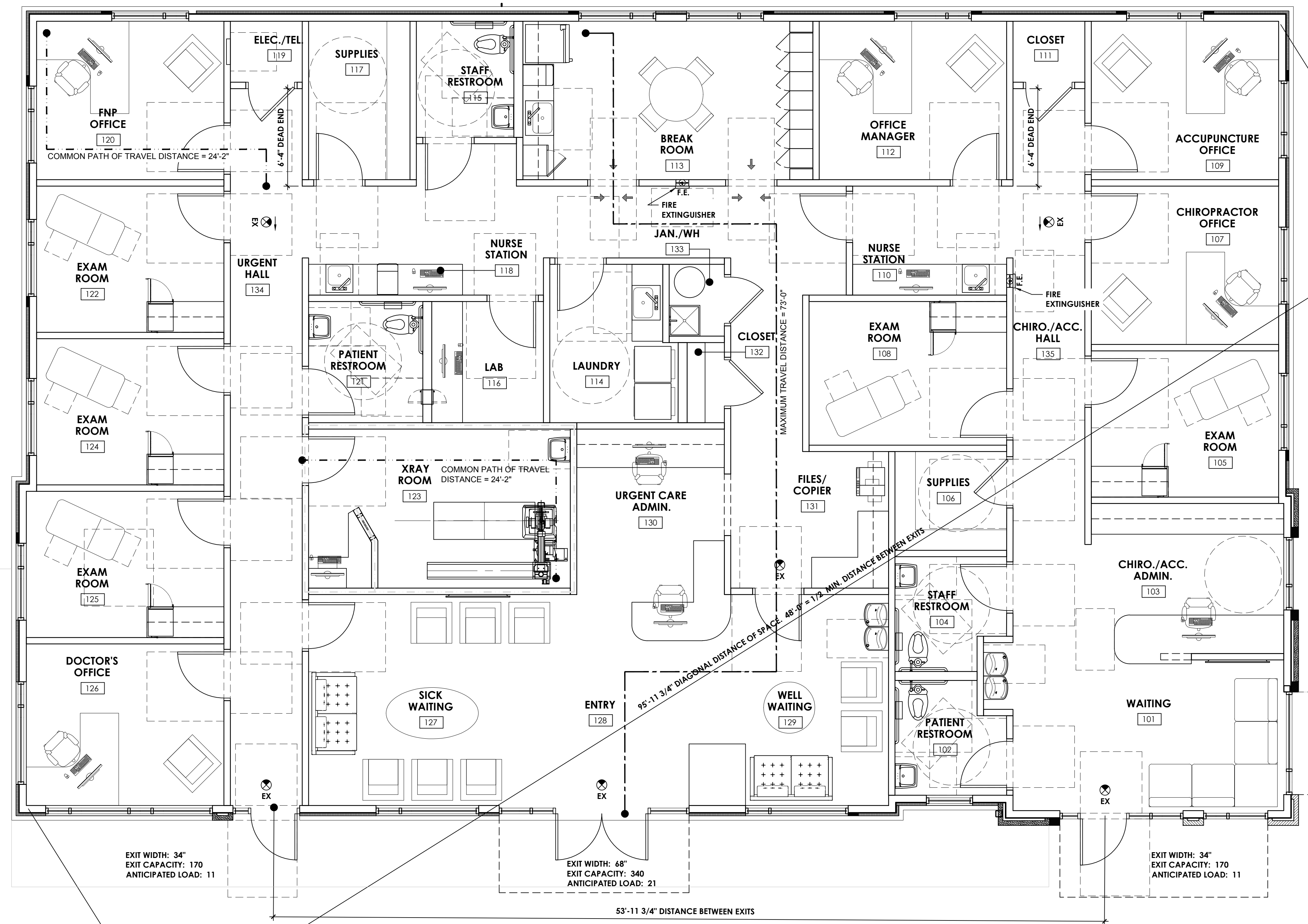
EGRESS LEGEND

MAXIMUM TRAVEL DISTANCE = 0'-0"

COMMON PATH OF TRAVEL DISTANCE = 0'-0"

LIFE SAFETY NOTES

1. FIRE EXTINGUISHERS TO BE TYPE 2-A 5LB
2. FIRE EXTINGUISHER CABINETS TO BE LARSEN'S ARCHITECTURAL SEMI-RECESSED 240PR3 WITH ALUMINUM FINISH WITH ROLLED EDGES.
3. INSTALL ALL FIRE EXTINGUISHER CABINETS SO THE CENTER IS 3'-4" A.F.F.
4. GC TO VERIFY FIRE EXTINGUISHER LOCATIONS WITH JURISDICTIONAL FIRE MARSHALL.
5. ALL FURNISHINGS BY OWNER - SHOWN FOR REFERENCE ONLY.



UNCOMMON CARE
4,324 SQ. FT.

USE - B
4,324 SQ. FT. /100
TOTAL OCCUPANTS:
43

1 LIFE SAFETY PLAN
Scale: 1/4" = 1'-0"

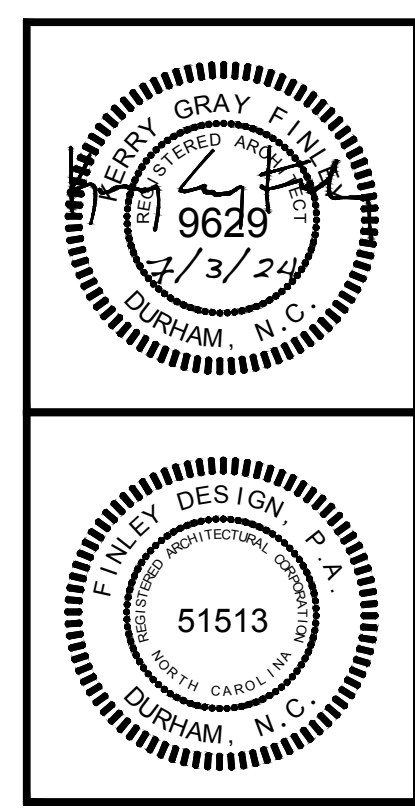
/USERS/KATE/FINLEYDESIGN/PROJECTS/2344/ANGIER MEDICAL/DRAWINGS/2344-B2 PLANS.DWG

PARKING SPACES				
BUILDING #	REQUIRED PARKING	BUILDING SF	SPACES NEEDED	SPACES PROVIDED
BUILDING 1	1 SPACE/300 SF	10,798	36	37
BUILDING 2	1 SPACE/300 SF	4,324	14	14
TOTAL PARKING REQUIRED			50	
TOTAL PARKING PROVIDED			51	

- SITE PLAN NOTES**
1. ARCHITECTURAL SITE PLAN IS INTENDED TO REINFORCE/SUPPLEMENT CODE SUMMARY INFORMATION.
 2. SEE CIVIL ENGINEERING DRAWINGS FOR ALL CIVIL ENGINEERING INFORMATION.
 3. COORDINATE ALL FINISH FLOOR ELEVATIONS WITH CIVIL ENGINEERING DRAWINGS.
 4. SEE CIVIL LANDSCAPE, ELECTRICAL, AND MECHANICAL DRAWINGS FOR LOCATIONS OF METER CENTERS OR CONDENSING UNITS.



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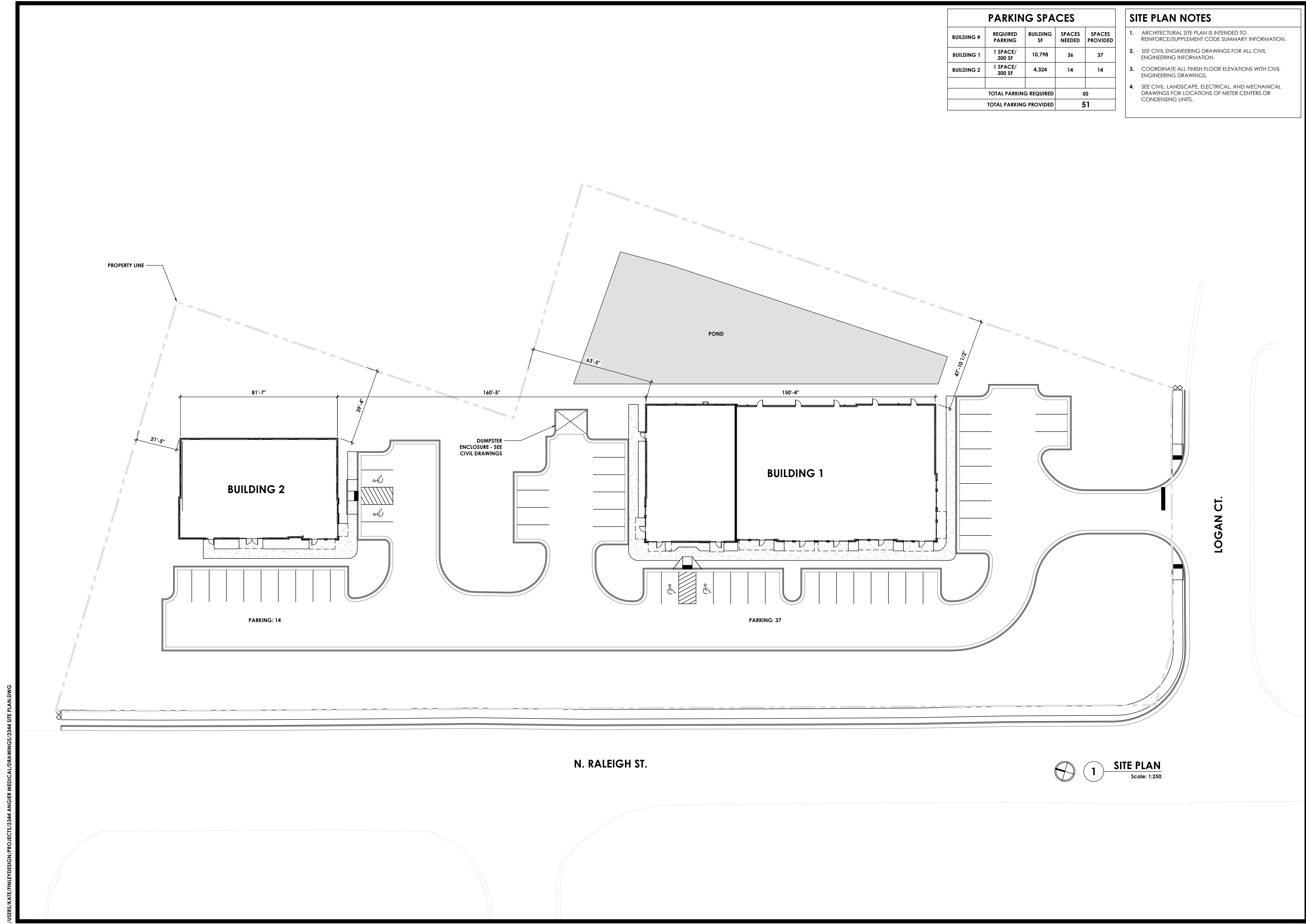
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 BUILDING 2
 ANGIER, NC

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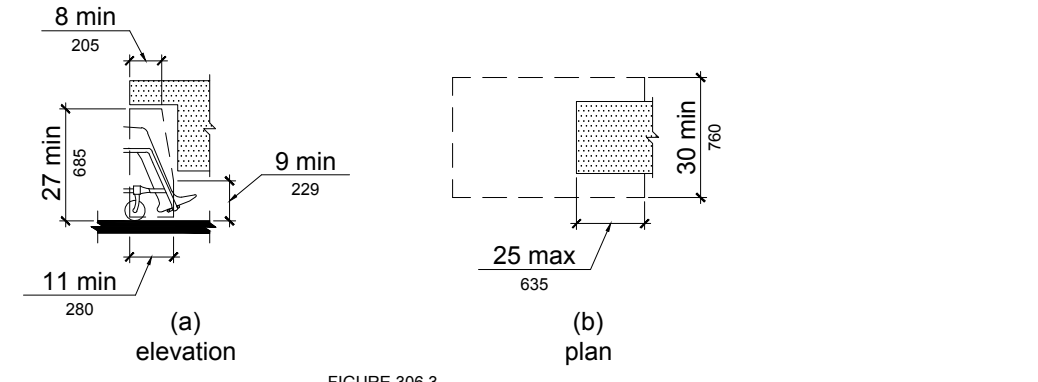
SITE PLAN
 A0.30



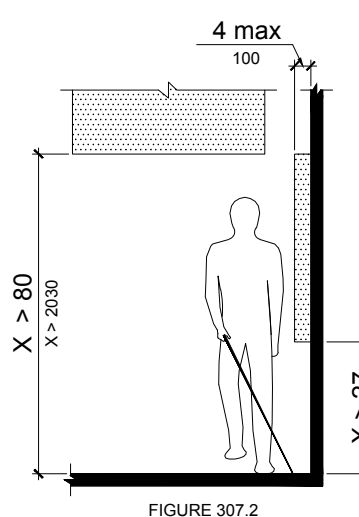
/USERS/KATE/FINLEYDESIGN/PROJECTS/2344 ANGIER MEDICAL/DRAWINGS/2344 SITE PLAN.DWG

BUILDING BLOCKS

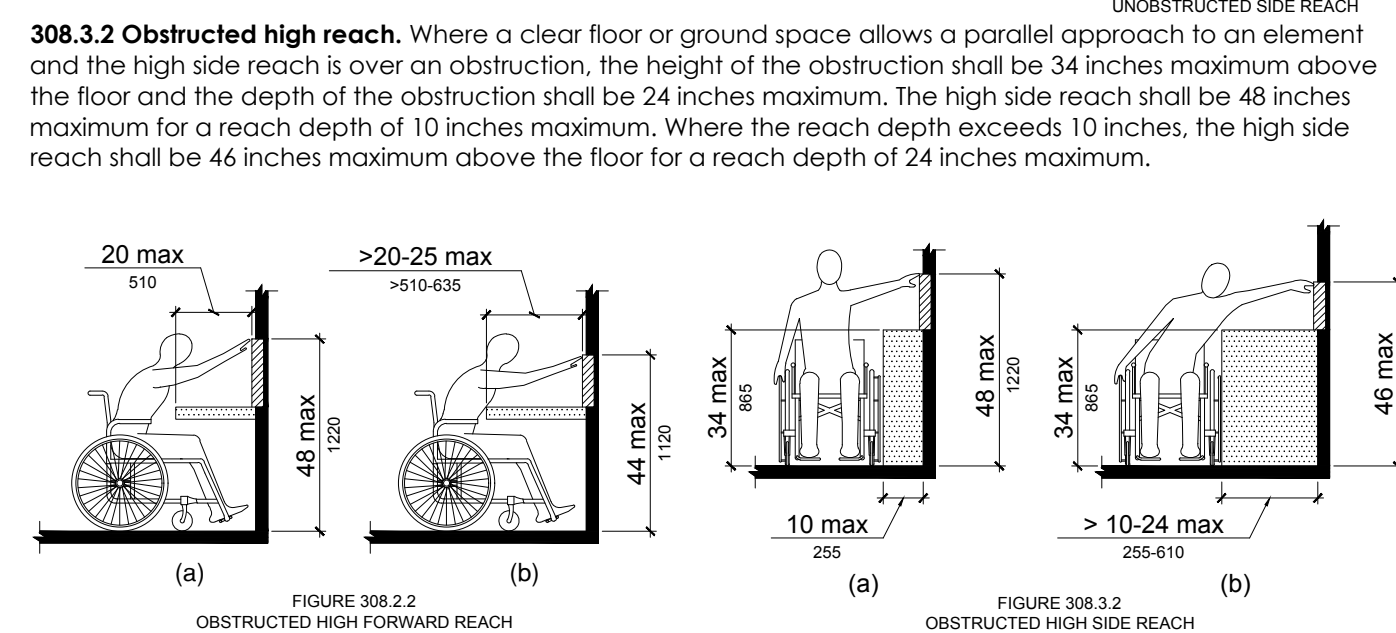
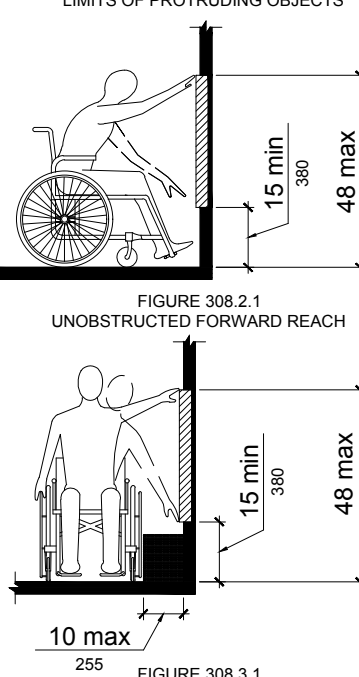
- 302 FLOOR OR GROUND SURFACES
302.1 General. Floor and ground surfaces shall be stable, firm, and slip resistant and shall comply with section 302. Changes in level shall comply with Section 303.
302.3 Openings. Openings in floor or ground surfaces shall not allow passage of a sphere more than 1/2 inch diameter except as allowed in Sections 407.4.3, 408.4.3, 410.4 and 805.10.
303.2 Vertical. Changes in level of 1/4 inch high maximum shall be permitted to be vertical.
303.3 Beveled. Changes in level between 1/4 inch high minimum and not more than 1/2 inch high maximum shall be beveled with a slope not steeper than 1:2.
306 KNEE AND TOE CLEARANCE
306.2 Toe clearance
306.2.2 Maximum depth. Toe clearance shall extend 25 inches maximum under an element.
306.2.3 Minimum required depth. Where toe clearance is required at an element as part of a clear floor space, the toe clearance shall extend 17 inches minimum under the element.
306.2.5 Width. Toe clearance shall be 30 inches wide minimum.
306.3 Knee Clearance
306.3.2 Maximum Depth. Knee clearance shall extend 25 inches maximum under an element at 9 inches above the floor.
306.3.3 Minimum required depth. Where knee clearance is required under an element as part of a clear floor space, the knee clearance shall be 11 inches deep minimum at 9 inches above the floor, and 8 inches minimum in depth at 27 inches above the floor.
306.3.5 Width. Knee clearance shall be 30 inches minimum in width.



- 307 PROTRUDING OBJECTS
307.2 Protrusion limits. Objects with leading edges more than 27 inches and not more than 80 inches above the finished floor shall protrude 4 inches maximum horizontally into the circulation path.
307.3 Post-mounted objects. Objects on posts or pylons shall be permitted to overhang 4 inches maximum when located 27 inches minimum and not more than 80 inches above the floor.
307.4 Vertical clearance. Vertical clearance shall be 80 inches high minimum. Rails or other barriers shall be provided where the vertical clearance is less than 80 inches.
307.5 Required clear width. Protruding objects shall not reduce the clear width required for accessible routes.

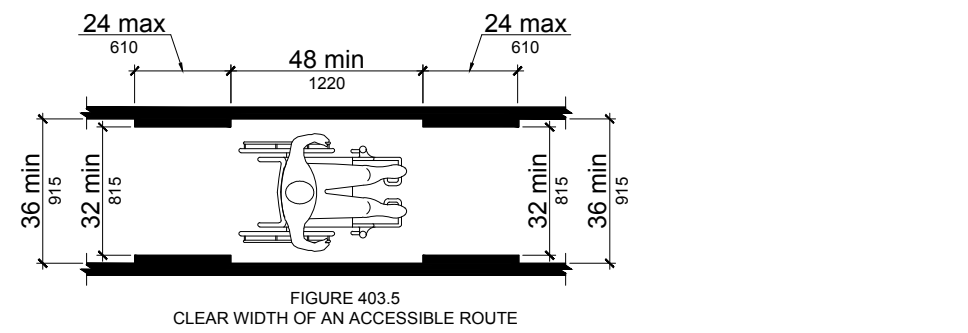


- 308.2 Forward reach.
308.2.1 Unobstructed. Where a forward reach is unobstructed, the high forward reach shall be 48 inches maximum and the low forward reach shall be 15 inches minimum above the floor.
308.2.2 Obstructed high reach. Where a high forward reach is over an obstruction, the clear floor space shall extend beneath the element for a distance not less than the required reach depth over the obstruction.
308.3 Side reach
308.3.1 Unobstructed. Where a clear floor or ground space allows a parallel approach to an element and the edge of the clear floor space is 10 inches maximum from the element, the high side reach shall be 48 inches maximum and the low side reach shall be 15 inches minimum above the floor or ground.
308.3.2 Obstructed high reach. Where a clear floor or ground space allows a parallel approach to an element and the high side reach is over an obstruction, the height of the obstruction shall be 34 inches maximum above the floor and the depth of the obstruction shall be 24 inches maximum.



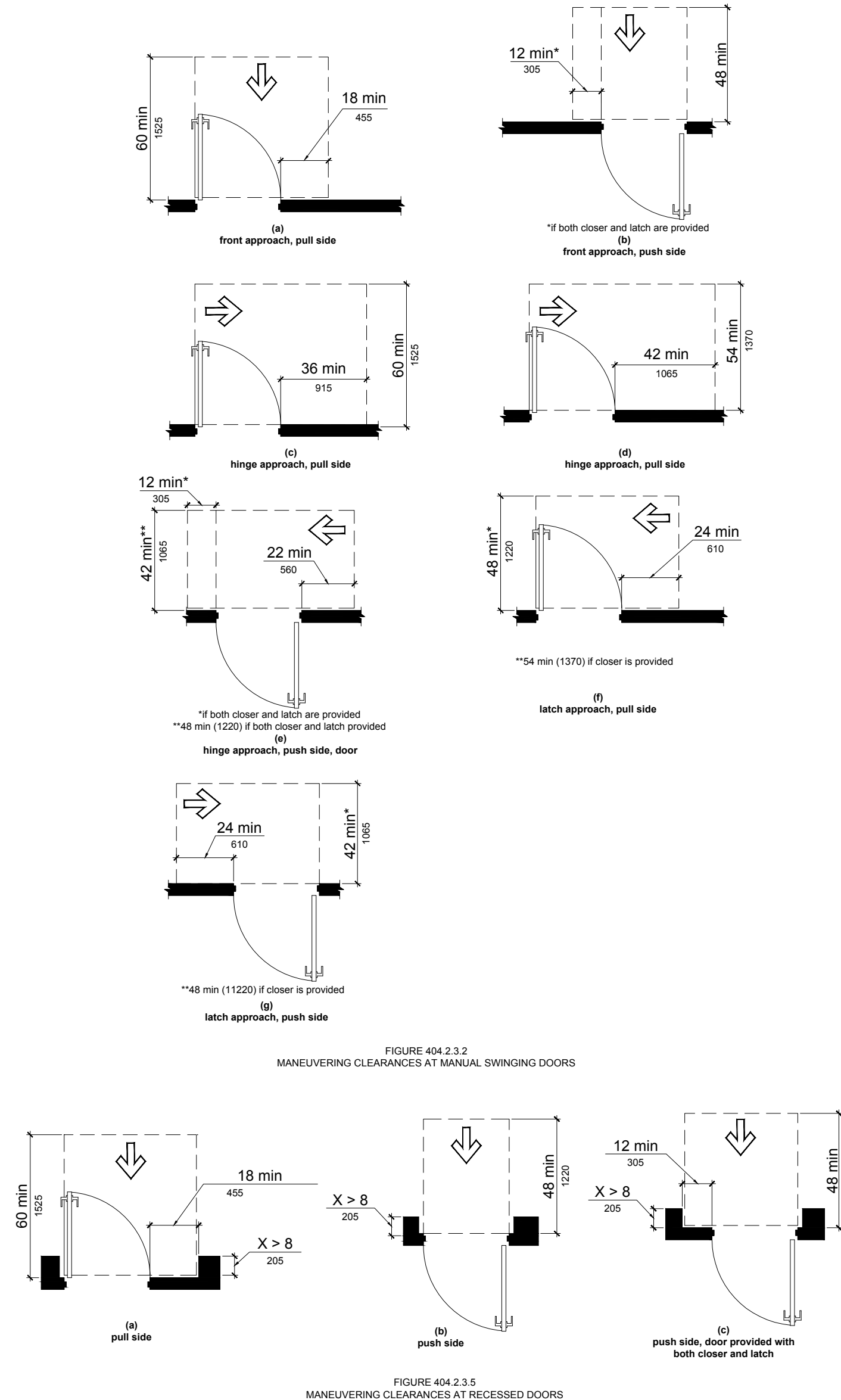
ACCESSIBLE ROUTES

- 403 WALKING SURFACES.
403.3 Slope. The running slope of walking surfaces shall not be steeper than 1:20. The cross slope of walking surfaces shall not be steeper than 1:48.
403.5.1 Clear width. The clear width of walking surfaces shall be 36 inches wide minimum.
Exceptions:
1. The clear width shall be permitted to be reduced to 32 inches minimum for a length of 24 inches maximum provided that reduced width segments are separated by segments that are 48 inches long minimum and 36 inches wide minimum.
2. The clear width for walking surfaces in corridors serving an occupant load of 10 or more shall be 44 inches.
3. The clear width for sidewalks and walks shall be 48 inches minimum. When, because of right-of-way restrictions, natural barriers or other existing conditions, the enforcing agency determines that compliance with the 48-inch clear sidewalk width would create an unreasonable hardship, the clear width may be reduced to 36 inches.
4. The clear width for aisles shall be 36 inches minimum if serving elements on only one side, and 44 inches minimum if serving elements on both sides.



ACCESSIBLE ROUTES - CONT.

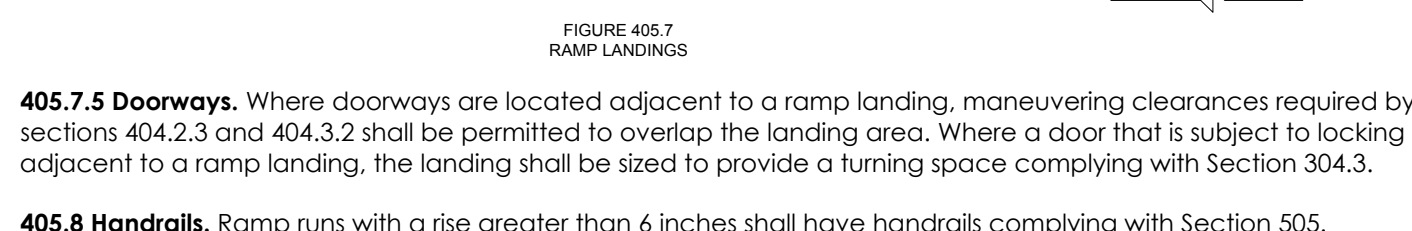
- 404 DOORS AND DOORWAYS
404.2.1 Double-leaf doors and gates. At least one of the active leaves of doorways with two leaves shall comply with sections 404.2.2 and 404.2.3.
404.2.2 Clear width. Door openings shall provide a clear width of 32 inches minimum. Clear opening width of doorways with swinging doors shall be measured between the face of the door and the stop, with the door open 90 degrees.
Exceptions:
1. Door closers and door stops shall be permitted to be 78 inches minimum above the floor.
2. In alterations, a projection of 5/8 inch maximum into the required clear opening shall be permitted for the latch side stop.
404.2.3.2 Swinging doors and gates. Swinging doors and gates shall have maneuvering clearances complying with Table 404.2.3.2



- 404.2.4 Thresholds. If provided, thresholds at doorways shall be 1/2" high maximum in height.
404.2.5 Two Doors in Series. Distance between two hinged or pivoted doors in series shall be 48 inches minimum plus the width of any door swinging into the space.
404.2.6 Door hardware. Handles, pulls, latches, locks and other operable parts on doors on accessible doors shall have a shape that is easy to grasp with one hand and does not require tight grasping, pinching, or twisting of the wrist to operate.
404.2.8 Door-opening force. Fire door shall have the minimum force allowable by the appropriate administrative authority.

- 404.2.9 Door surface. Door surfaces within 10 inches of the floor, measured vertically, shall be a smooth surface on the push side extending the full width of the door.
405 RAMPS
405.2 Slope. Ramp shall have a running slope greater than 1:20 and not steeper than 1:12.
405.3 Cross Slope. Cross slopes of ramp runs shall not be steeper than 1:48.
405.5 Clear width. The clear width of a ramp shall be 36 inches minimum.
405.6 Rise. The rise for any ramp run shall be 30 inches maximum.

- 405.7 Landings. Ramps shall have landings at the top and the bottom of each ramp run.
405.7.2 Length. Clear width of landings shall be at least as wide as the widest ramp run leading to the landing.
405.7.3 Width. Landings shall have a clear length of 60 inches minimum.
405.7.4 Change in direction. Ramps that change direction at ramp landings shall be sized to provide a turning space complying with Section 304.3.
405.7.5 Doorways. Where doorways are located adjacent to a ramp landing, maneuvering clearances required by sections 404.2.3 and 404.3.2 shall be permitted to overlap the landing area.



- 405.8 Handrails. Ramp runs with a rise greater than 6 inches shall have handrails.
405.9 Edge protection. Edge protection complying with section 405.9.1 or 405.9.2 shall be provided on each side of ramp runs and at each side of ramp landings.
Exceptions:
1. Door Edge protection shall not be required on ramps not required to have handrails.
2. Edge protection shall not be required on the sides of ramp landings serving an adjoining ramp run or stairway.
3. Edge protection shall not be required on the sides of ramp landings having a vertical dropoff of 1/2 inch maximum within 10 inches horizontally of the minimum landing area.
405.9.2 Curb or barrier. A curb complying with Section 405.9.2.1 or a barrier complying with Section 405.9.2.2 shall be provided.
405.9.2.1 Curb. A curb shall be a minimum of 4 inches in height.

- 406.2 Curb ramps.
406.2 Counter Slope. Counter slopes of adjoining gutters and road surfaces immediately adjacent to the curb ramp shall not be steeper than 1:20.
406.3 Sides of curb ramps. Where provided, curb ramp flares shall not be steeper than 1:10.
406.3.1 Slope. Flares shall not be steeper than 1:10.
406.3.2 Marking. If curbs adjacent to the ramp flares are painted, the painted surface shall extend along the flared portion of the curb.
406.4 Width. Curb ramps shall be 36 inches minimum in width, exclusive of flared sides.
406.5 Floor Surface. Floor surfaces of curb ramps shall comply with Section 302.

- 406.6 Location. Curb ramps and the flared sides of curb ramps shall be located so they do not project into vehicular traffic lanes.
406.7 Landings. Landings shall be provided at the tops of curb ramps.
406.9 Handrails. Handrails shall not be required on curb ramps.
406.10 Diagonal curb ramps. Diagonal or corner type curb ramps with returned curbs or other well defined edges shall have the edges parallel to the direction of pedestrian flow.

- 406.13 Detectable warnings of Curb Ramps. When detectable warnings are provided on curb ramps, they shall comply with Sections 406.13 and 705.
406.13.1 Area covered. Detectable warnings shall be 24 inches minimum in depth in the direction of travel.
406.13.2 Location. The detectable warning shall be located so the edge nearest the curb line is 6 inches minimum and 8 inches maximum from the curb line.

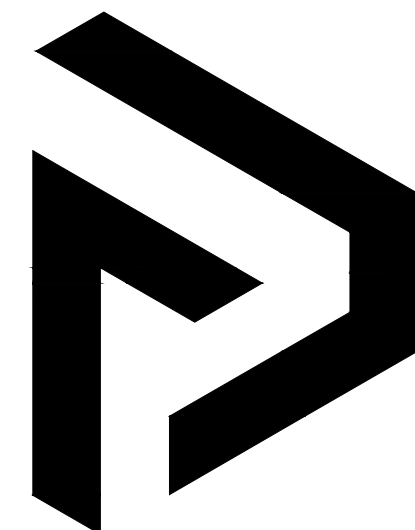
- 407 ELEVATORS.
407.2 Elevator landing requirements. Elevator landings shall comply with sections 407.2.
407.2.1 Call controls. Where elevator call buttons or keypads are provided, they shall comply with Sections 407.2.1 and 309.4.
407.2.1.1 Height. Call buttons and keypads shall be located within one of the reach ranges specified in Section 308.
407.2.1.2 Size. Call buttons shall be 3/4 inch minimum in the smallest dimension.
407.2.1.3 Clear floor space. A clear floor or ground space complying with Section 305 shall be provided at call controls.
407.2.1.4 Location. The call button that designates the up direction shall be located above the call button that designates the down direction.
407.2.2 Hall signals. Hall signals, including in-car signals, shall comply with section 407.2.2.
407.2.2.1 Visible and audible signals. A visible and audible signal shall be provided at each hoistway entrance to indicate which car is answering a call and the car's direction of travel.
407.2.2.2 Visible signals. Visible signal fixtures shall be centered at 72 inches minimum above the floor.
407.2.2.3 Audible signals. Audible signals shall sound once for the up direction and twice for the down direction.

- 407.3.2 Operation. Elevator hoistway and car doors shall open and close automatically.
407.3.3 Reopening device. Elevator doors shall be provided with a reopening device complying with Section 407.3.3 that shall stop and reopen a car door and hoistway door automatically if the door becomes obstructed by an object or person.
407.3.3.1 Height. The device shall be activated by sensing an obstruction passing through the opening of 5 inches nominal and 29 inches nominal above the floor.
407.3.3.2 Contact. The reopening device shall not require physical contact to be activated.
407.3.3.3 Duration. The reopening device shall remain effective for 20 seconds minimum.
407.4.1 Car dimensions. Inside dimensions of elevator cars shall comply with Table 407.4.1.
407.4.2 Floor surfaces. Floor surfaces in elevator cars shall comply with Section 302.
407.4.4 Leveling. Each car shall automatically stop and maintain position at floor landings within a tolerance of 1/2 inch under rated loading to zero loading conditions.
407.4.5 Illumination. The level of illumination at the car controls, platform, car threshold and car landing sill shall comply with ASME A17.1/CSA B44 listed in Section 105.2.5.
407.4.6 Elevator car controls.
407.4.6.1 Location. Controls shall be located within one of the reach ranges specified in Section 308.
407.4.6.2 Buttons. Buttons shall be 3/4 inch minimum in their smallest dimension.
407.4.6.2.1 Size. Buttons shall be 3/4 inch minimum in their smallest dimension.
407.4.6.2.2 Arrangement. Buttons shall be arranged with numbers in ascending order.

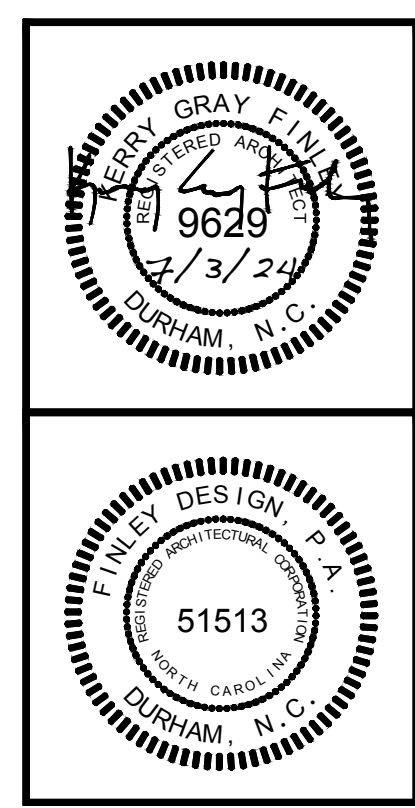
- 407.4.6.4.1 Height. Emergency control buttons shall have their centerlines 35 inches minimum above the floor.
407.4.6.4.2 Location. Emergency controls, including the emergency alarm, shall be grouped at the bottom of the panel.
407.4.9 Car position indicators. Audible and visible car position indicators shall be provided in elevator cars.
407.4.9.1 Visible indicators. Visible indicators shall comply with Section 407.4.9.1.
407.4.9.1.1 Size. Characters shall be 1/2 inch minimum in height.
407.4.9.1.2 Location. Indicators shall be located above the car control panel or above the door.
407.4.9.1.3 Floor arrival. As the car passes a floor and when the car stops at a floor served by the elevator, the corresponding character shall illuminate.
407.4.9.2 Audible indicator.
407.4.9.2.1 Signal type. The signal shall be an automatic verbal annunciator which announces the floor at which the car is about to stop.
407.4.10 Emergency communication. Emergency two-way communication systems between the elevator and a point outside the hoistway shall comply with ASME A17.1/CSA B44 listed in Section 105.2.5.

GENERAL SITE + BUILDING ELEMENTS

- 502 PARKING SPACES
502.1 General. Car and van parking spaces shall comply with Section 502.
502.2 Vehicle space size. Car parking spaces shall be 96 inches long minimum in width. Van parking spaces shall be 132 inches minimum in width.
502.3 Vehicle Space Marking. Car and van parking spaces shall be marked to define the width.
502.4 Access aisle. Car and van parking spaces shall have an adjacent access aisle complying with Section 502.4.
502.4.1 Location. Access aisles shall adjoin an accessible route.
502.4.2 Width. Access aisle serving car and van parking spaces shall be 60 inches minimum in width.
502.4.3 Length. Access aisles shall extend the full required length of the parking spaces they serve.
502.4.3 Marking. Access aisles shall be marked so as to discourage parking in them.
502.5 Floor surfaces. Parking spaces and access aisles shall comply with Section 302 and have surface slopes not steeper than 1:48.
502.6 Vertical clearance. A vertical clearance of 98 inches minimum shall be provided at the following locations:
1. Parking spaces for vans.
2. The access aisles serving parking spaces for vans.
3. The vehicular routes serving parking spaces for vans.
502.7 Identification. Where accessible parking spaces are required to be identified by signs, the signs shall include the International Symbol of Accessibility complying with Section 703.6.3.1.
504 STAIRWAYS.
504.2 Treads and risers. All steps on a flight of stairs shall have uniform riser heights and uniform tread depths.
504.3 Open risers. Open risers are not permitted.
504.5.1 Visual contrast. The leading 2 inches of the tread shall have a visual contrast of dark-on-light or light-on-dark from the remainder of the tread.
504.6 Handrails. Stairs shall have handrails complying with Section 505.
504.7 Wet Conditions. Stair treads and landings subject to wet conditions shall be designed to prevent the accumulation of water.
505 HANDRAILS
505.1 General. Handrails required by Section 405.8 for ramps, or Section 504.6 for stairs, shall comply with Section 505.
505.2 Location. Handrails shall be provided on both sides of stairs and ramps.
505.3 Continuity. Handrails shall be continuous within the full length of each stair flight or ramp run.
505.4 Height. Top of gripping surfaces of handrails shall be 34 inches minimum and 38 inches maximum vertically above stair nosings, ramp surfaces, and walking surfaces.
505.5 Clearance. Clearance between handrail gripping surfaces and adjacent surfaces shall be 1-1/2 inches minimum.
505.6 Gripping surface. Handrail gripping surfaces shall be continuous, without interruption by newel posts, other construction elements, or obstructions.
505.7 Cross section. Handrails shall have a cross section complying with Section 505.7.1 or 505.7.2.



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ANGIER MEDICAL COMPLEX
BUILDING 2
ANGIER, NC

Table with 2 columns: REVISIONS and PROJECT INFORMATION. Includes project name, date (7/3/24), and drawing number (A0.41).

Users: KATE.FINLEY@FINLEYDESIGNPROJECTS/2344: 82 ACCESSIBILITY NOTES.DWG

COMMUNICATION ELEMENTS + FEATURES - CONT'D

703.3.5 Character height. The uppercase "T" shall be used to determine the allowable height of all characters of a font. The height of the uppercase letter "T" of a font, measured vertically from the baseline of the character, shall be 5/8 inch minimum and 2 inches maximum.
 Exception: Where separate raised and visual characters with the same information are provided, the height of the raised uppercase letter "T" shall be permitted to be 1/2 inch minimum.

703.3.10 Height Above Floor. Raised characters shall be 48 inches minimum above the floor, measured to the baseline of the lowest raised character and 60 inches maximum above the floor, measured to the baseline of the highest raised character.
 Exception: Heights shall comply with Table 703.2.4, based on the size of the characters on the sign.

703.3.11 Location. Where a sign containing raised characters and braille is provided at a door, the sign shall be located alongside the door at the latch side. Where a sign containing raised characters and braille is provided at double doors with one active leaf, the sign shall be on the inactive leaf. Where a sign containing raised characters and braille is provided at double doors with two leaves, the sign shall be located to the right of the right-hand door. Where there is no wall space at the latch side of a single door or at the right side of a double door, signs shall be located on the nearest adjacent wall. Signs containing raised characters and braille shall be located so that a clear floor space of 18 inches minimum by 18 inches minimum, centered on the raised characters, is provided beyond the arc of any door swing between the closed position and 45 degree open position.
 Exception: Signs containing raised characters and braille shall be permitted on the push side of doors with closers and without hold-open devices.

703.4 Braille.
703.4.1 General. Braille shall be contacted (Grade 2) and shall comply with Section 703.4.

703.4.2 Uppercase letters. The indication of an uppercase letter or letters shall only be used before the first word of sentences, proper nouns and names, individual letters of the alphabet, initials, or acronyms.

703.4.3 Dimensions. Braille dots shall have a domed or rounded shape and shall comply with table 703.4.3.

703.4.4 Position. Braille shall be below the corresponding text. If text is multilined, braille shall be placed below entire text. Braille shall be separated 3/8 inch minimum from any other raised characters and 3/8 inch minimum from raised borders and decorative elements. Braille provided on elevator car controls shall be separated 3/16 inch minimum either directly below or adjacent to the corresponding raised characters or symbols.

703.4.5 Mounting Height. Braille shall be located 48 inches minimum and 60 inches maximum above the floor, measured from the baseline of the braille cells.

703.5 Pictograms.
703.5.2 Pictogram Field. Pictograms shall have a field 6 inches minimum in height. Characters or braille shall not be located in the pictogram field.

703.5.3 Finish and contrast. Pictograms and their fields shall have a non-glare finish. Pictograms shall contrast with their fields, with either a light pictogram on a dark field or dark pictogram on a light field.

705 DETECTABLE WARNINGS.
705.1 General. Detectable warning surfaces shall comply with Section 705.

705.2 Standardization. Detectable warning surfaces shall be standard within a building, facility, site, or complex of buildings.
 Exception: In facilities that have both interior and exterior locations, detectable warnings in exterior locations shall not be required to comply with Section 705.4.

705.3 Contrast. Detectable warning surfaces shall contrast visually with adjacent surfaces either light-on-dark, or dark-on-light.

705.4 Interior Locations. Detectable warning surfaces in interior locations shall differ from adjoining walking surfaces in resiliency or sound-on-cane contact.

705.5 Truncated Domes.
705.5.1 Size. Truncated domes shall have a base diameter of 0.9 inch minimum and 1.4 inch maximum, a top diameter of 50 percent minimum and 65 percent maximum of the base diameter.

705.5.2 Height. Truncated domes shall have a height of 0.2 inch.

705.5.3 Spacing. Truncated domes shall have a center-to-center spacing of 1.6 inches minimum and 2.4 inches maximum, and a base-to-base spacing of 0.65 inch minimum, measured between the most adjacent domes on the grid.

705.5.4 Alignment. Truncated domes shall be aligned in a square grid pattern.

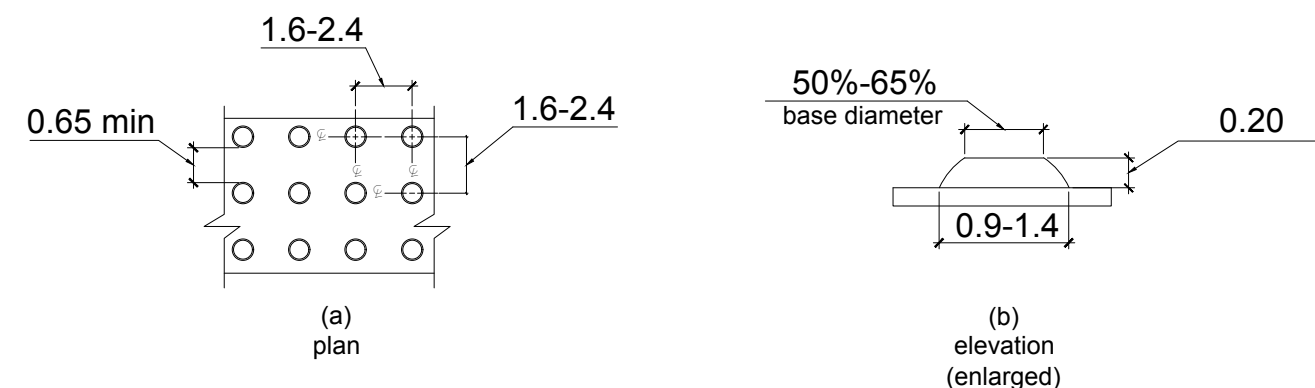


FIGURE 705.5 TRUNCATED DOMES SIZE AND SPACING

706 ASSISTIVE LISTENING SYSTEMS
706.1 General. Assistive listening systems required in assembly areas shall comply with Section 706.

706.2 Receiver jacks. Receivers required for use with assistive listening systems shall include a 1/8 inch standard mono jack.

708 TWO-WAY COMMUNICATION SYSTEMS
708.1 General. Accessible two-way communication systems shall comply with Section 708.

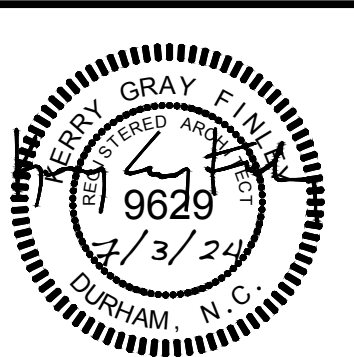
708.2 Audible and Visual Indicators. The system shall provide both visual and audible signals.

708.3 Handsets. Handset cords, if provided, shall be 29 inches minimum in length.

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REVISIONS

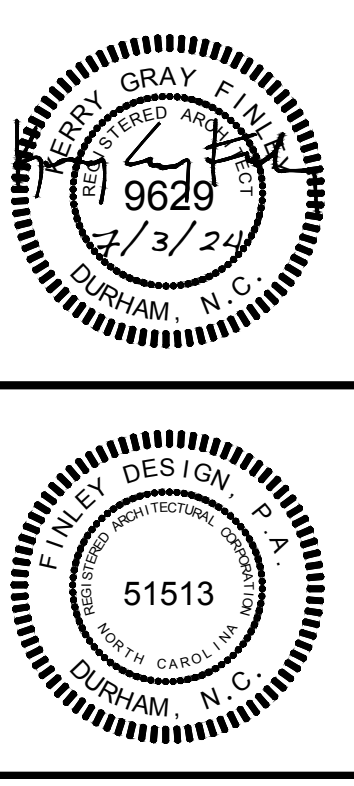
PROJECT: 2344
 DATE: 7/3/24
 DRAWN BY: KEL
 CHECKED BY: KEL

ACCESSIBILITY NOTES & DIAGRAMS

A0.43



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ANGIER MEDICAL COMPLEX
BUILDING 2
ANGIER, NC

REVISIONS

PROJECT: 2344
DATE: 7/3/24
DRAWN BY: KEL
CHECKED BY: KEL

FLOOR PLAN

A1.0

WALL TYPE LEGEND

	2X4 WOOD STUD WALLS WITH 5/8" GYPSUM BOARD BOTH SIDES. EXTEND STUDS TO 6" ABOVE ADJACENT CEILINGS OR TO BOTTOM OF TRUSS IF REQUIRED FOR STRUCTURAL SUPPORT. EXTEND GYPSUM BOARD 6" ABOVE ADJACENT CEILINGS.
	2X4 WOOD STUD WALLS WITH 5/8" GYPSUM BOARD BOTH SIDES AND SOUND ATTENUATION BATT INSULATION. EXTEND TO BOTTOM OF TRUSS.
	2X4 WOOD STUD WALLS WITH 5/8" GYPSUM BOARD BOTH SIDES. EXTEND STUDS TO 6" ABOVE ADJACENT CEILINGS OR TO BOTTOM OF TRUSS IF REQUIRED FOR STRUCTURAL SUPPORT. EXTEND GYPSUM BOARD 6" ABOVE CEILINGS.
	2X4 WOOD STUD WALLS WITH 5/8" GYPSUM BOARD BOTH SIDES AND SOUND ATTENUATION BATT INSULATION. EXTEND STUDS AND GYPSUM BOARD TO CEILING FRAMING.
	2X4 WOOD STUD WALLS WITH 5/8" GYPSUM BOARD ON OUTSIDE FACE OF STUD AND LEAD-LINED 5/8" GYPSUM BOARD WALLS TO 7'-0" A.F.F. AND SOUND ATTENUATION BATT INSULATION - SEE ENLARGED PLANS FOR MORE INFORMATION

NOTES:

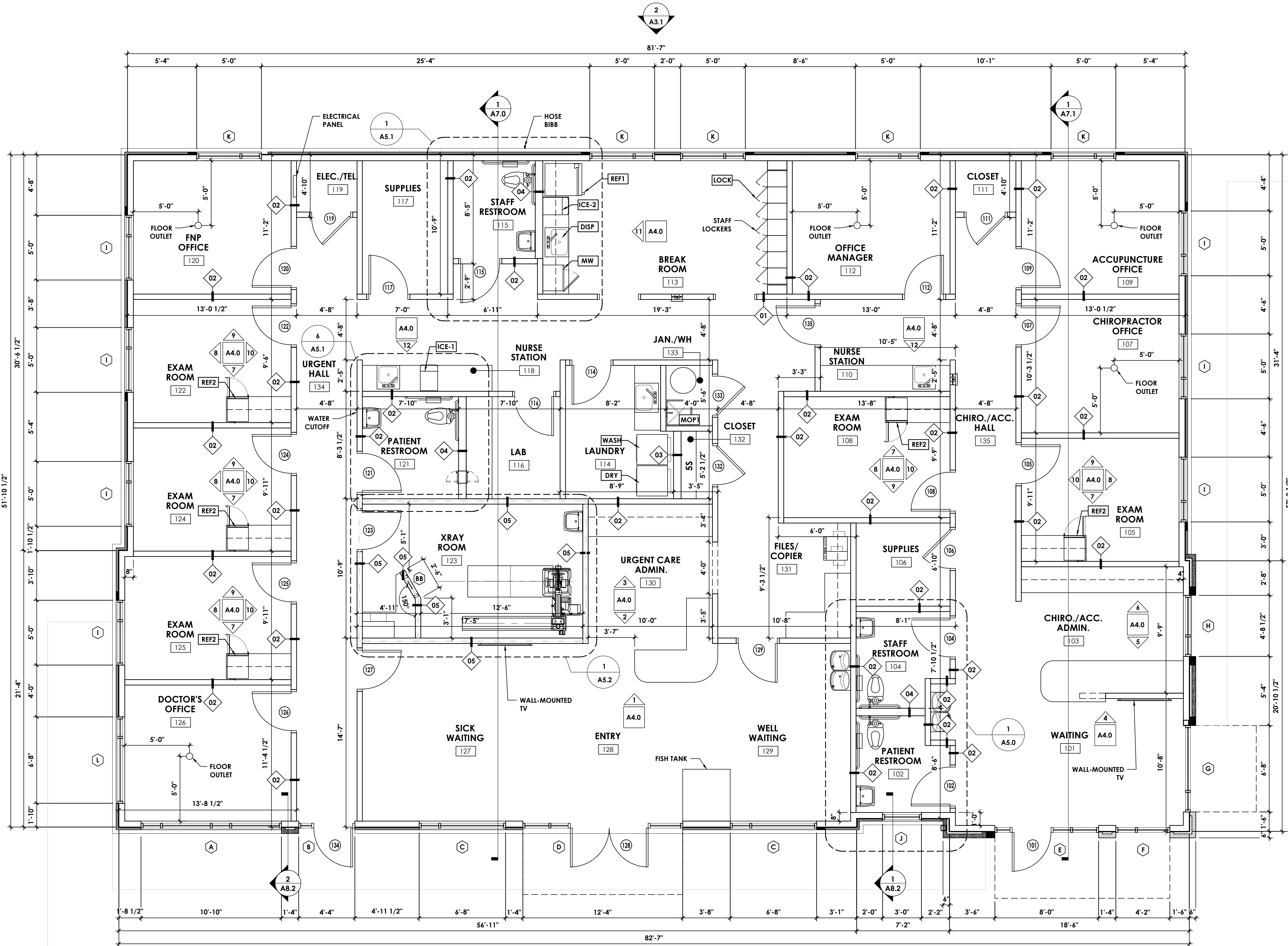
- WALL SECTIONS DO NOT INDICATE INTERIOR WALL FINISHES OR CEILINGS. INTERIOR FINISH INFORMATION SHOWN ON PLANS SUPERCEDES FINISH INFORMATION SHOWN ON SECTIONS.
- SEE ELEVATIONS, WALL SECTIONS, AND PLAN DETAILS FOR ADDITIONAL INFORMATION ON WALL COMPOSITION.

WALL LEGEND

LEAD-LINED WALLS

PLAN NOTES

- ALL DIMENSIONS ARE TO FACE OF STUD UNLESS NOTED OTHERWISE. G.C. SHALL VERIFY ALL DIMENSIONS PRIOR TO BEGINNING WORK. NOTIFY THE ARCHITECT IMMEDIATELY IF ANY DISCREPANCIES ARE FOUND BETWEEN CONSTRUCTION DOCUMENTS AND FIELD CONDITIONS BEFORE COMMENCING WORK.
- REFER TO CIVIL DRAWINGS FOR FINISHED FLOOR ELEVATIONS.
- PROVIDE PRESSURE TREATED SILL PLATES WITH SILL SEALER AT ALL GROUND FLOOR WALLS.
- PROVIDE POSITIVE DRAINAGE AWAY FROM THE BUILDING WITH GRADE A MINIMUM OF 8" BELOW FINISHED FLOOR SLAB ELEVATION.
- PROVIDE NON-FREEZE HOSE BIBBS - SEE PLUMBING DRAWINGS FOR LOCATIONS.
- SEE REFLECTED CEILING PLANS FOR LIGHTING INFORMATION.
- ALL INTERIOR WALL FRAMING TO BE WALL TYPE 1, UNLESS NOTED OTHERWISE.
- G.C. TO PROVIDE BLOCKING FOR ALL TOILET FIXTURES AND ACCESSORIES. BLOCKING TO BE INSTALLED AS REQUIRED TO MEET FUTURE ACCESSIBILITY REQUIREMENTS.
- G.C. TO SUPPORT ALL SHELVES WITH ADEQUATE IN-WALL BLOCKING.
- FIELD VERIFY AND COORDINATE LOCATIONS OF PLUMBING PENETRATIONS PRIOR TO COMMENCING WORK.
- DOORS TO BE 4" FROM ADJACENT WALL OR CENTERED IN WALL PER DRAWINGS UNLESS NOTED OTHERWISE.
- SEE SECTION DETAILS, ELEVATIONS, AND PLAN DETAILS FOR INFORMATION ON WALL COMPOSITION.
- WIRE SHELVING:
5S INDICATES 5 SHELVES. THE LOWEST SHELF IS TO BE 21" A.F.F. UNLESS NOTED OTHERWISE AND 15" DEEP. THE REMAINING SHELVES ARE TO BE 12" DEEP AND 15" ABOVE THE ONE BELOW WITH THE TOP SHELF 16" ABOVE THE ONE BELOW UNLESS NOTED OTHERWISE.
1S INDICATES 1 SHELF INSTALLED AT 5'-6" A.F.F.
1S-ANSI INDICATES 1 SHELF INSTALLED AT 3'-8" A.F.F.
- GYPSUM WALLBOARD TO BE MILDEW AND MOISTURE RESISTANT AT LAUNDRY CLOSETS, MOP SINK AND WATER HEATER WET WALLS, AND RESTROOM WET WALLS (TYPICAL) UNLESS NOTED OTHERWISE.
- FIELD VERIFY ALL DIMENSIONS FOR MILLWOK PRIOR TO FABRICATION.
- INSTALL FINISH FLOORING UNDER ALL FLOOR RESTING APPLIANCES, TYP.
- INSTALL LEVER DOOR HARDWARE FOR ALL DOORS (BOTH SIDES).
- PROVIDE ACCESSIBLE THRESHOLDS AT ALL EXTERIOR DOORS.
- PROVIDE BASEBOARD TRIM AT ALL INTERIOR WALLS.
- SEE STOREFRONT SCHEDULE FOR MORE INFORMATION ON SOLARBAN 67 GLASS.



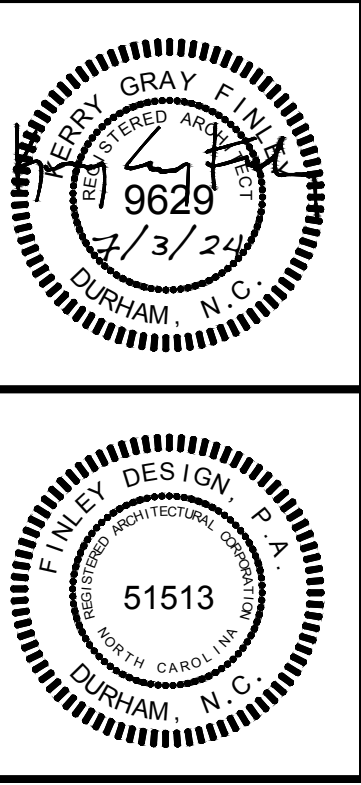
UNCOMMON CARE
4,324 SQ. FT.

1 FLOOR PLAN
Scale: 1/4" = 1'-0"

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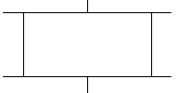

REVISIONS

PROJECT: 2344
DATE: 7/3/24
DRAWN BY: KEL
CHECKED BY: KEL

FINISH FLOOR PLAN

A1.1













FINISH LEGEND

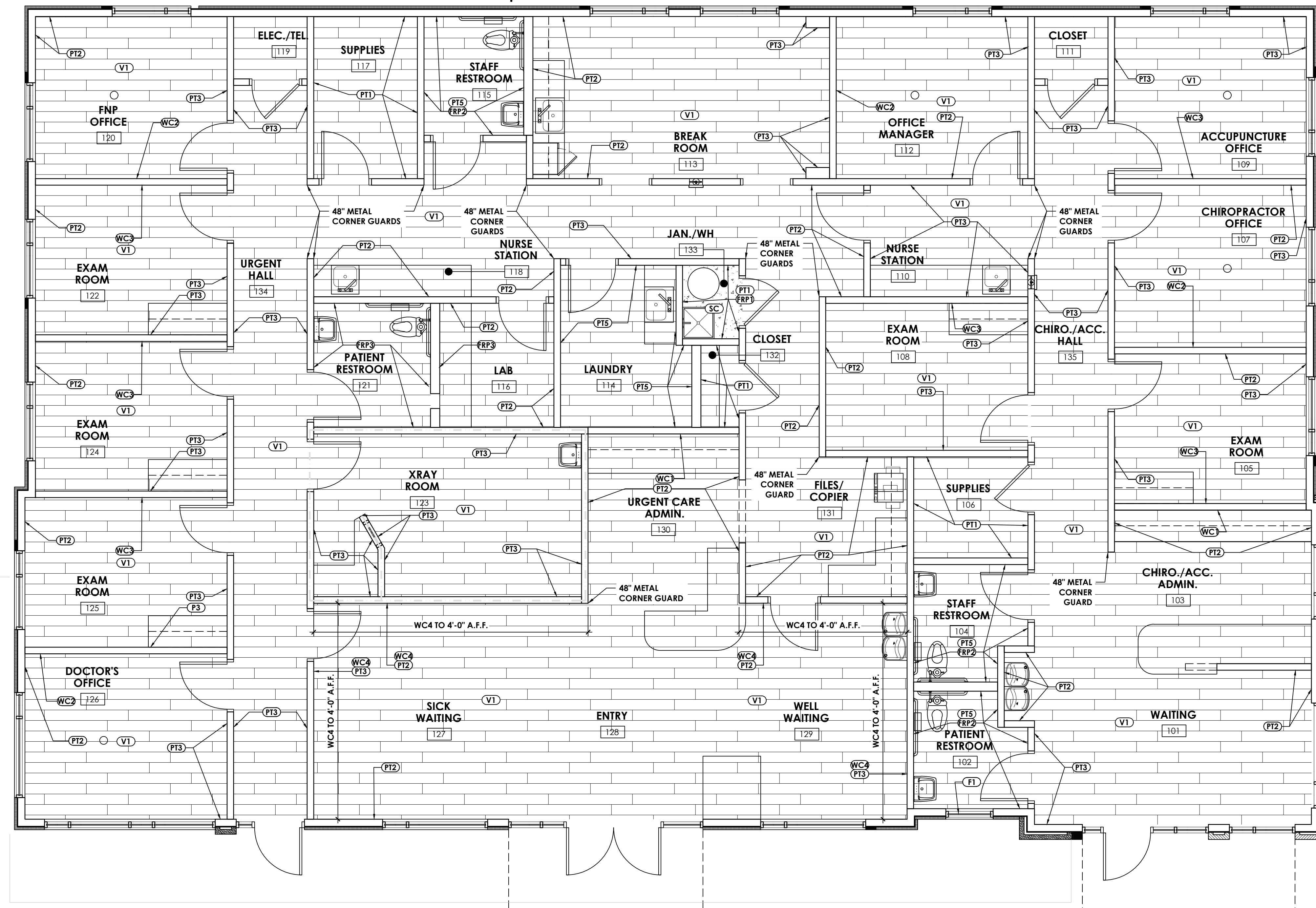
-  PT1 PORCELAIN TILE
-  SC SEALED CONCRETE

FINISH NOTES

1. REFERENCE FINISH SCHEDULE FOR LOCATIONS OF WALL AND FLOOR FINISHES NOT INDICATED ON FINISH PLAN.
2. REFERENCE REFLECTED CEILING PLAN FOR CEILING FINISH INFORMATION.
3. REFERENCE INTERIOR ELEVATIONS AND SECTIONS OR ADDITIONAL FINISH LOCATIONS NOT INDICATED ON FINISH PLAN AND/OR FINISH SCHEDULE.
4. SUBMIT SAMPLES OF ALL FINISHES TO ARCHITECT FOR APPROVAL PRIOR TO ORDERING MATERIALS. PAINT COLORS MAY BE ALTERED BY THE ARCHITECT BASED ON PHYSICAL SAMPLES OF OTHER MATERIALS.
5. REFERENCE MATERIALS LIST FOR PRODUCT INFORMATION.
6. CORNER GUARDS TO BE ALUMINUM OR STAINLESS STEEL.
7. ALL WALL BASE TO BE TYPE BA1 UNLESS NOTED OTHERWISE.

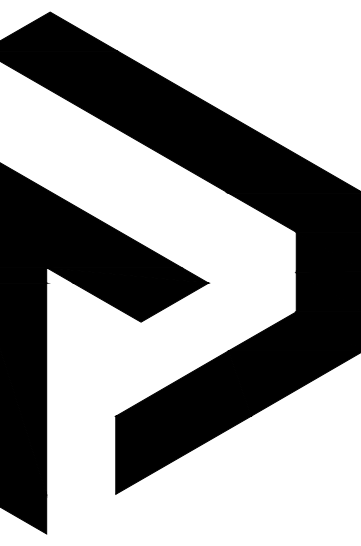
MATERIAL LEGEND

-  BA1 BASE - RUBBER
-  F1 FILM - FROSTED WINDOW FILM
-  FRP1 FIBERGLASS REINFORCED PLASTIC - WHITE
-  FRP2 FIBERGLASS REINFORCED PLASTIC - PATTERN
-  PT1 PAINT - WHITE SEMIGLOSS
-  PT2 PAINT - TAUPE
-  PT3 PAINT - BEIGE
-  PT4 PAINT - FLAT WHITE
-  PT5 PAINT - TAUPE SEMIGLOSS
-  WC1 WALL COVERING - WOVEN WOOD
-  WC2 WALL COVERING - CHEVRON GRASS TEXTURE
-  WC3 WALL COVERING - SPONGE TEXTURE
-  WC4 WALL COVERING - PROTECTIVE WAINSCOT

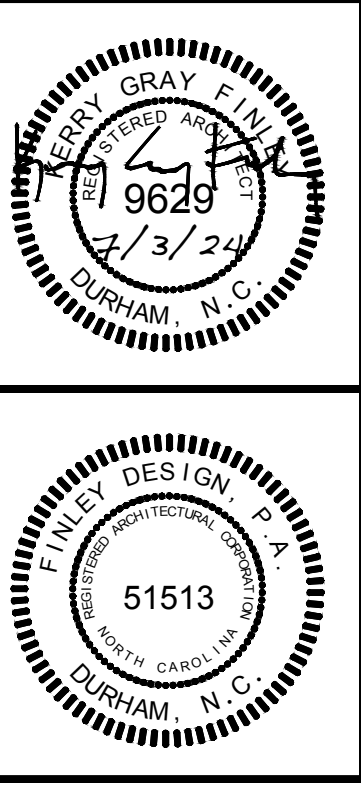


UNCOMMON CARE
4,324 SQ. FT.

1 FINISH FLOOR PLAN
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ANGIER MEDICAL COMPLEX
 BUILDING 2
 ANGIER, NC

REVISIONS

NO.	DESCRIPTION

PROJECT:	2344
DATE:	7/3/24
DRAWN BY:	KEL
CHECKED BY:	KEL

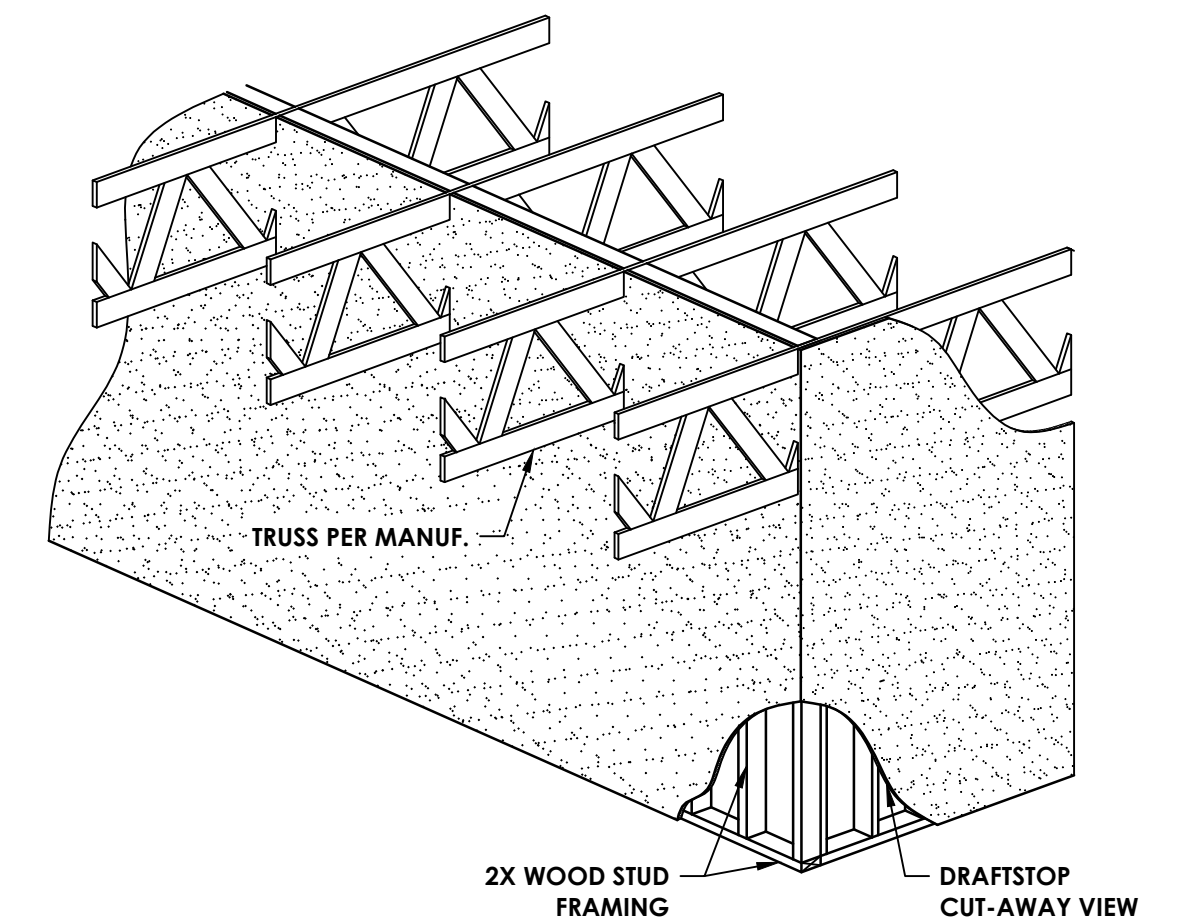
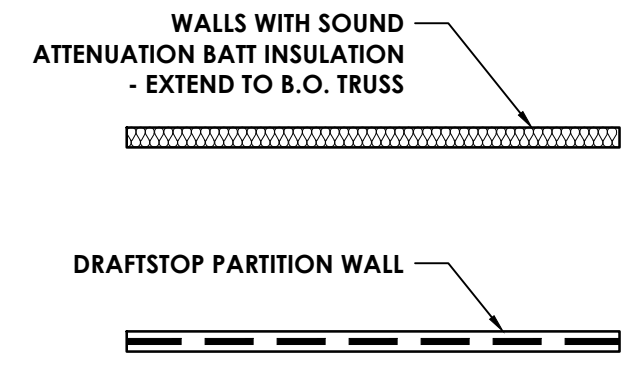
ATTIC PLAN

A1.5

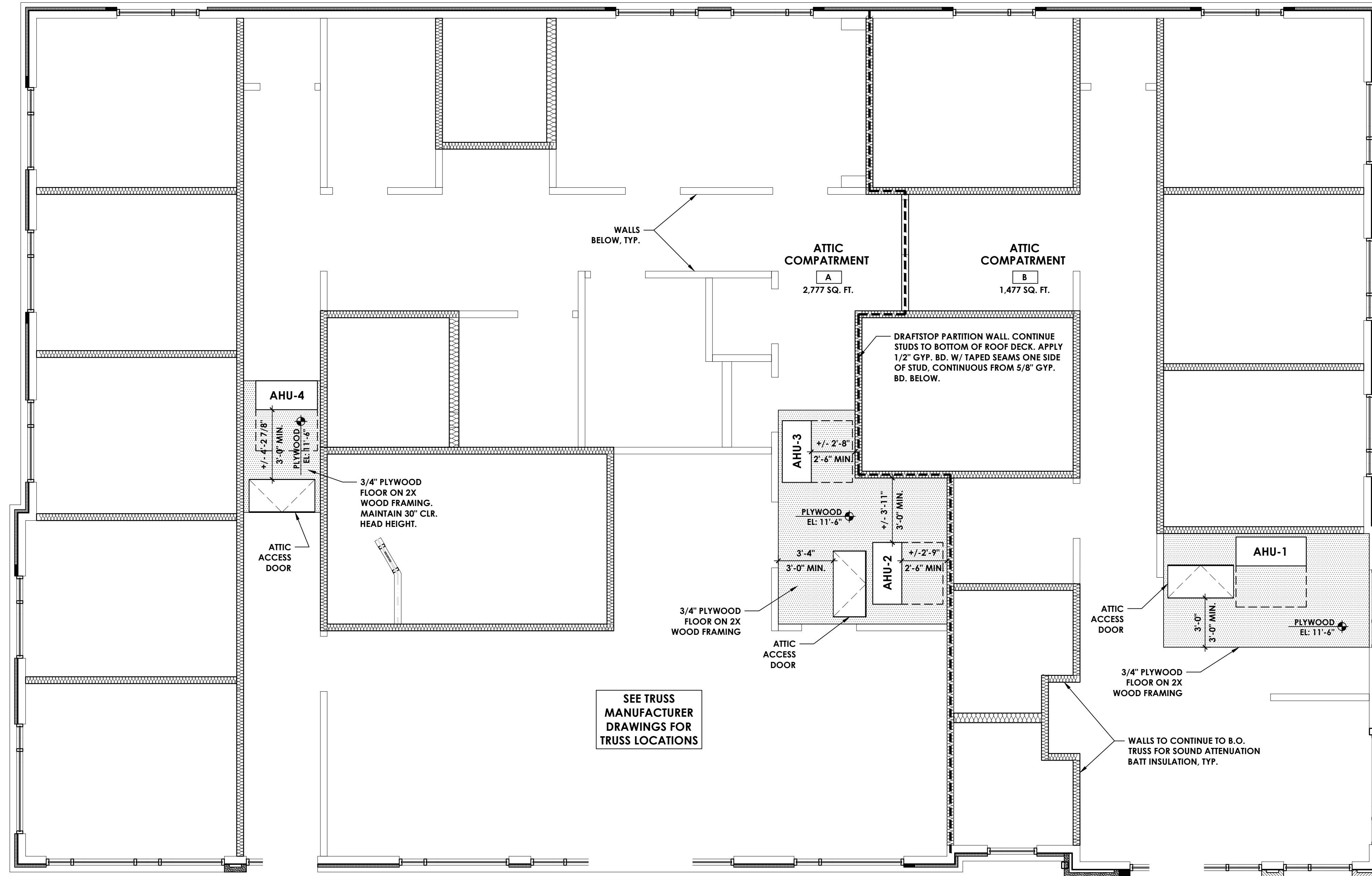
ATTIC NOTES

1. SEE REFLECTED CEILING PLAN AND MECHANICAL DRAWINGS FOR MORE INFORMATION.
2. MAINTAIN 30" MIN. CLEAR HEADROOM ABOVE PLYWOOD FLOORS.
3. DRAFTSTOPPING SHALL DIVIDE THE ATTIC SPACE INTO PARTITIONS OF NO MORE THAN 3,000 SF MAXIMUM.

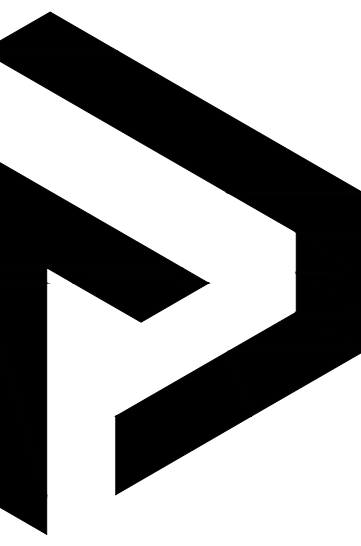
WALL LEGEND



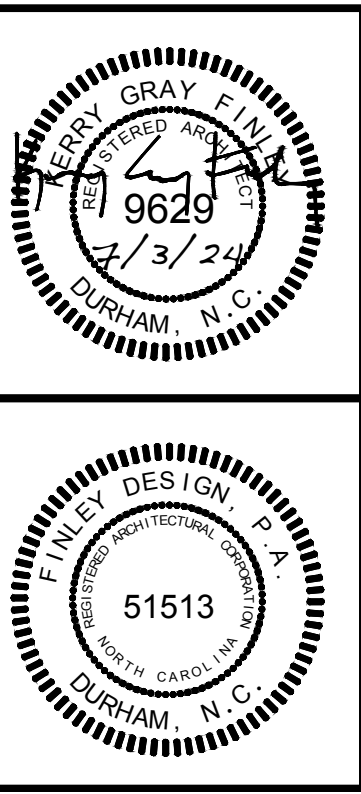
2 DRAFTSTOP DETAIL
 Scale: Not so Scale



1 ATTIC PLAN
 Scale: 1/4" = 1'-0"



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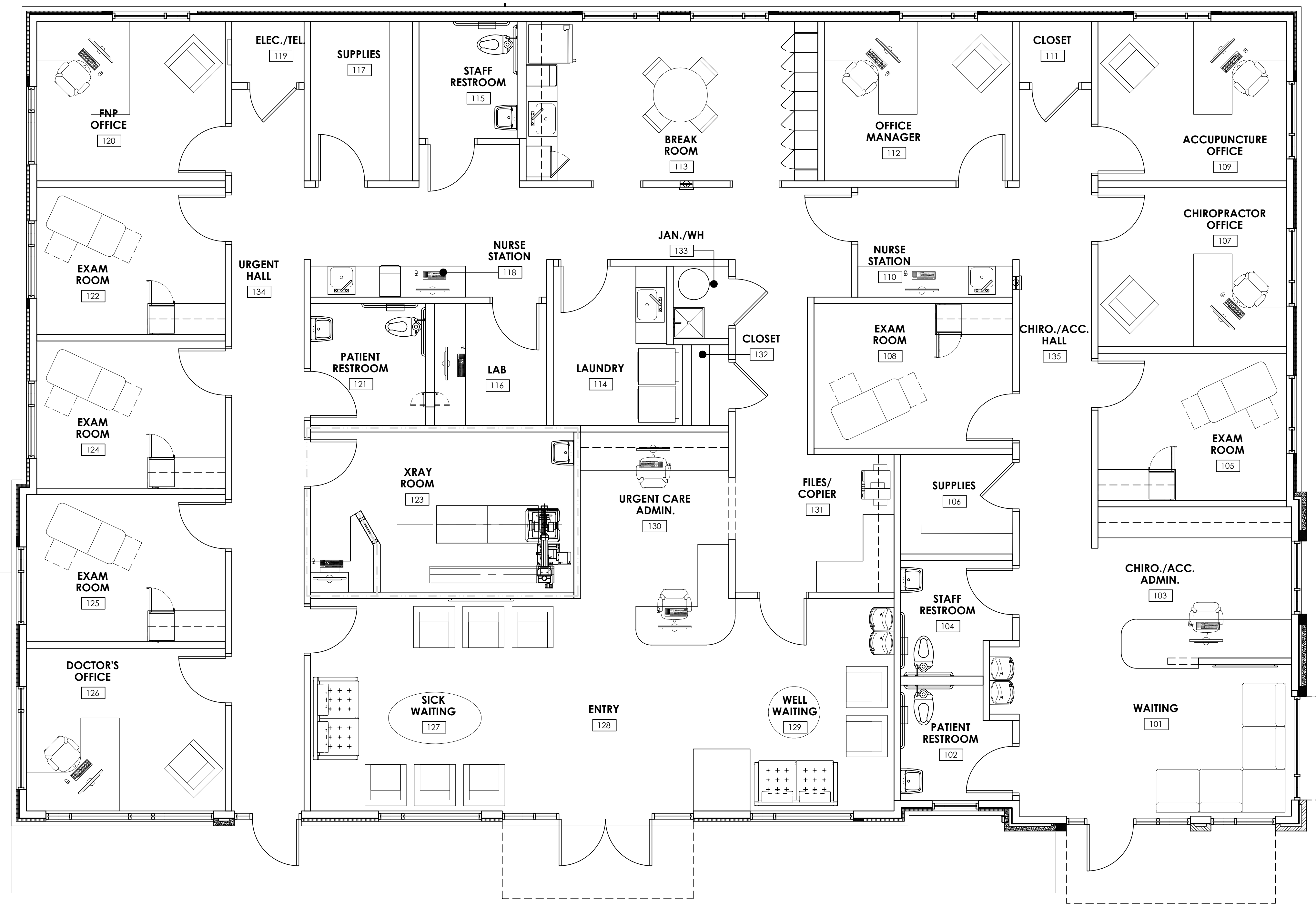
ANGIER MEDICAL COMPLEX
 BUILDING 2
 ANGIER, NC

REVISIONS

PROJECT: 2344
 DATE: 7/3/24
 DRAWN BY: KEL
 CHECKED BY: KEL

FURNITURE PLAN

A1.10



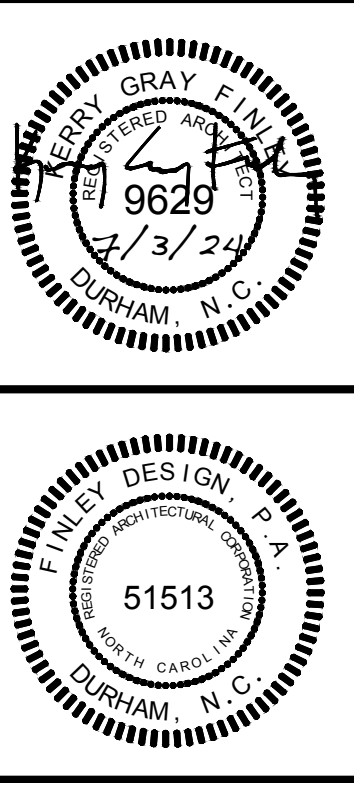
UNCOMMON CARE
 4,324 SQ. FT.

1 FURNITURE PLAN
 Scale: 1/4" = 1'-0"

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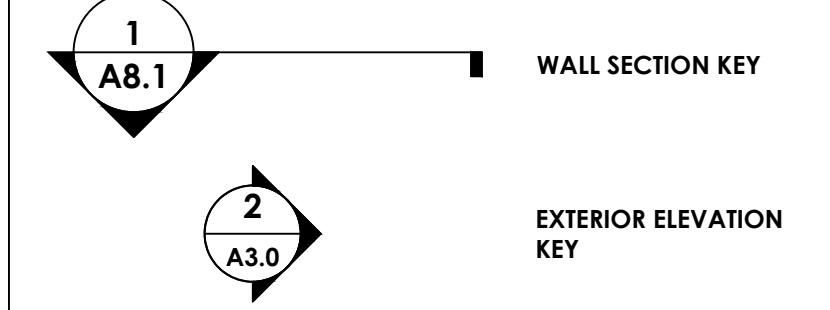
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PROJECT: 2344
DATE: 7/3/24
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ROOF PLAN

A2.0

SYMBOL LEGEND

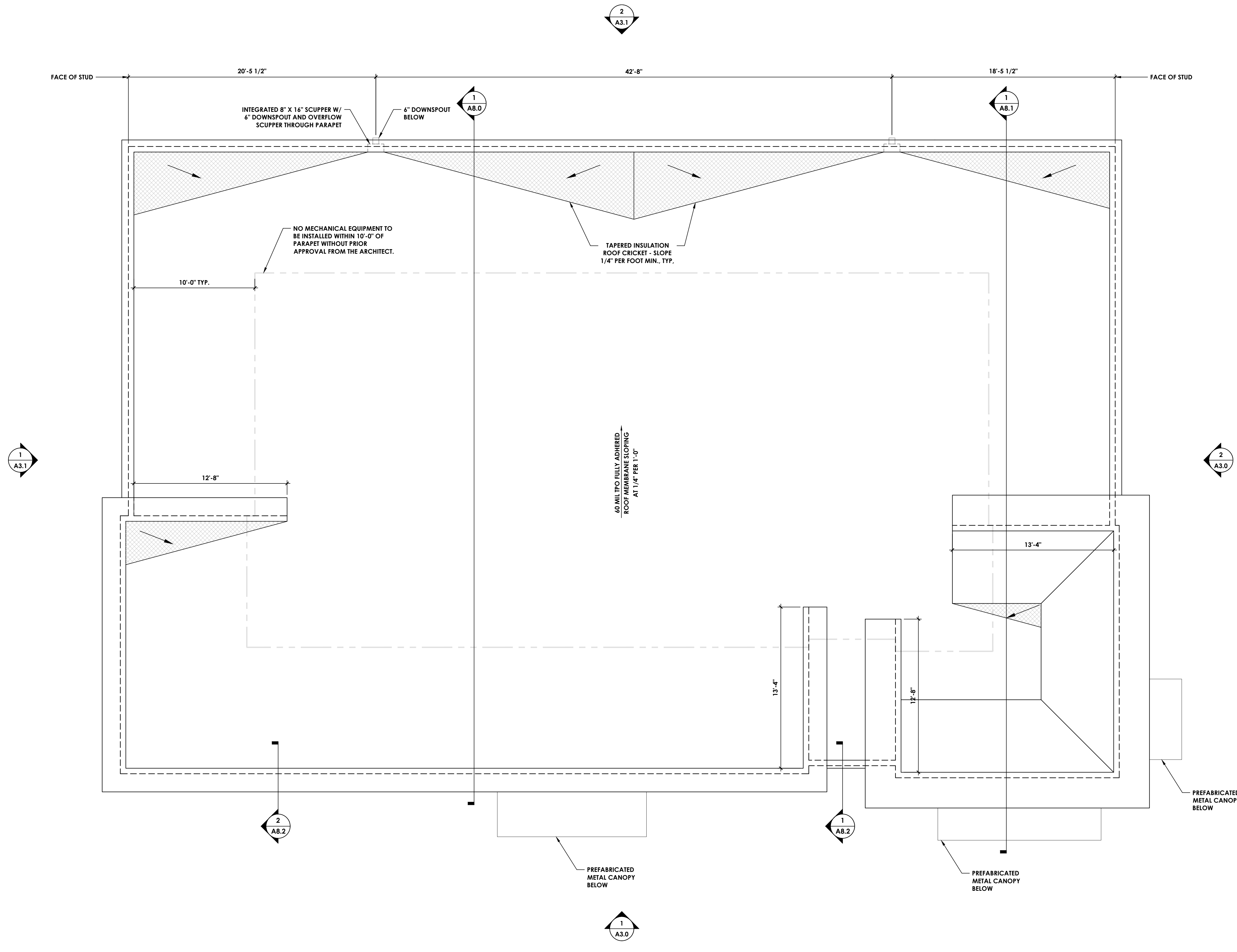


ROOF NOTES

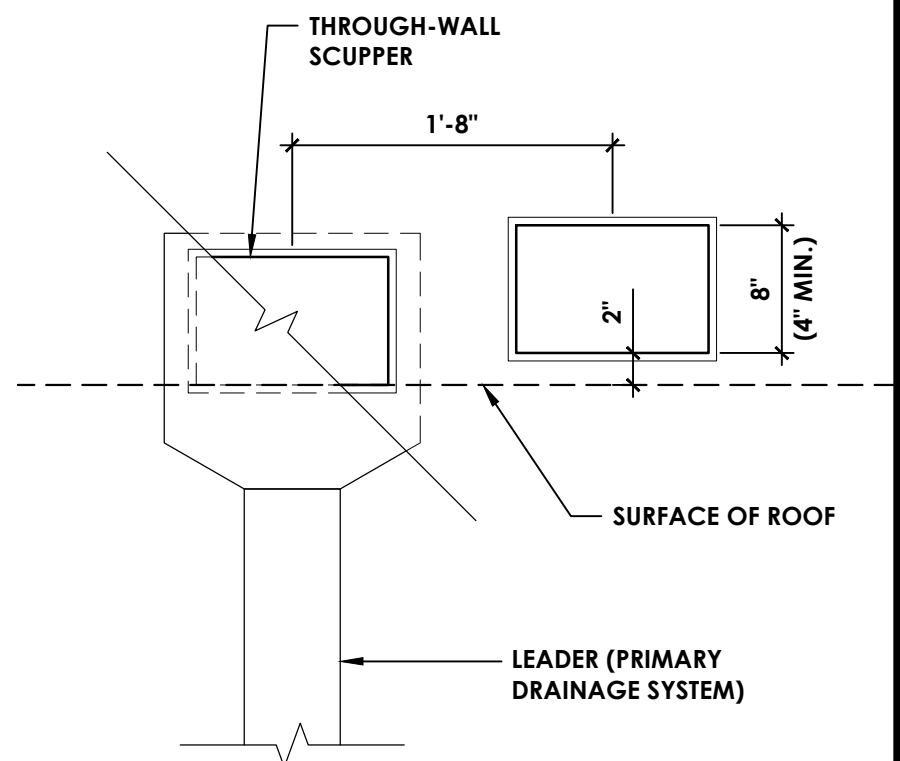
- SEE ELEVATIONS AND WALL SECTIONS FOR ROOF ELEMENTS NOT SHOWN ON THIS DRAWING.
- ROOFING MEMBRANE TO BE SINGLE-PLY TPO 60 MIL, FULLY ADHERED.
- ROOFING MEMBRANE WARRANTY TO BE A MINIMUM OF 15 YEARS.
- ROOFING WORKMANSHIP WARRANTY TO BE A MINIMUM OF 5 YEARS AND GUARANTEED BY GENERAL CONTRACTOR.
- ALL SEAMS SHALL BE HEAT WELDED PER ROOFING MEMBRANE MANUFACTURER STANDARDS.
- ROOFING CONTRACTOR TO PROVIDE ALL METAL FLASHING, INCLUDING AREAS SHOWN ONLY IN ELEVATION AND NOT ON ROOF PLAN.
- METAL COPING ASSEMBLY TO BE 24 GA. PREFINISHED SENTICLAD OR APPROVED EQUAL.
- PROVIDE SUBMITTAL OF ROOFING MATERIAL AND ACCESSORIES FOR ARCHITECT APPROVAL.
- SEE FLOOR PLAN FOR AWNING LOCATIONS.

ROOF DRAINAGE CALCULATION

HORIZONTAL PROJECTED ROOF AREA - 4,578 SQ. FT.
RAINFALL RATE - 4" (FIGURE 1106.1)
PRIMARY CONDUCTOR AND LEADERS MINIMUM SIZE - 3-1/2" X 5" (TABLE 1106.2(2) FOR AN AREA OF 17.5 SQUARE INCHES. 6"X6" IS PROVIDED FOR AN AREA OF 36 SQUARE INCHES AND INDICATED AT 2 POINTS ON THE BUILDING AS SHOWN ON PLAN.
SECONDARY (EMERGENCY) ROOF DRAINAGE CALCULATES TO 1,368.63 GALLONS PER MINUTE (4,578 SQ. FT. X .04 FEET PER MINUTE (BASED ON 7.2 INCHES PER 15 MINUTES / 12 INCHES PER FOOT) MULTIPLIED BY 7.48051948 GALLONS PER CUBIC FOOT OF WATER)
THE 8"X16" SCUPPER INDICATED, ACCOMMODATES 1,085.02 GALLONS PER MINUTE. 2 SCUPPERS ARE INDICATED ON THE PLAN FOR A TOTAL FLOW OF 2,170 GALLONS PER MINUTE. NO ADDITIONAL OVERFLOW OPENINGS ARE REQUIRED.



1 ROOF PLAN
Scale: 1/4" = 1'-0"

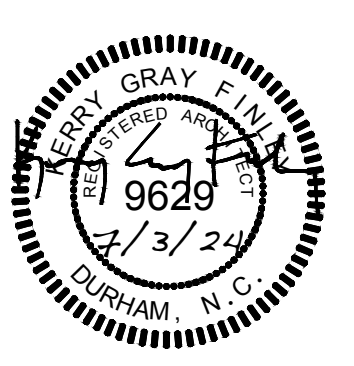


2 LEADER & SCUPPER DETAIL
Scale: 1" = 1'-0"

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EXTERIOR ELEVATIONS

A3.0

MATERIAL LEGEND

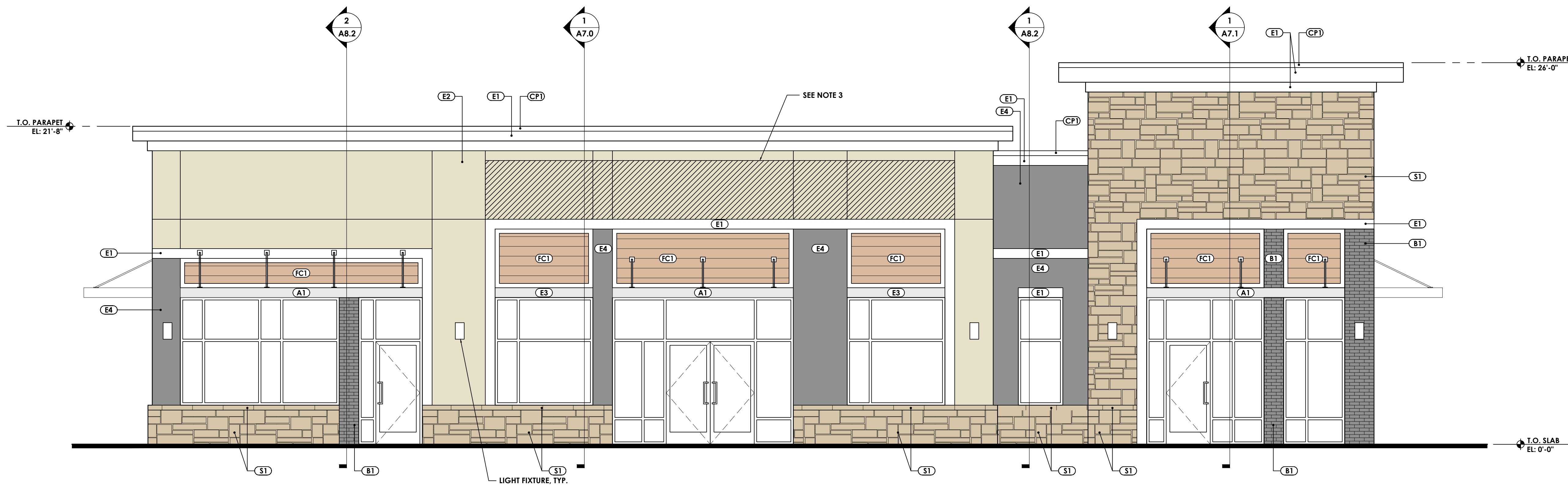
- (B1) BRICK - BLACK MORTAR - STANDARD GRAY
- (E1) EIFS - WHITE
- (E2) EIFS - BEIGE
- (E3) EIFS - GRAY
- (E4) EIFS - BLACK
- (E5) EIFS - BROWN
- (FC1) FIBER CEMENT SIDING - BROWN LAP
- (S1) STONE - TAN/BROWN MORTAR - STANDARD GRAY
- (STC1) STUCCO - TAN/BROWN
- (P1) PAINT - WHITE
- (A1) METAL AWNING - SILVER
- (CPT1) METAL COPING - WHITE

ELEVATION NOTES

1. DO NOT SCALE ELEVATIONS. REFERENCE PLAN AND WALL SECTIONS FOR MORE INFORMATION.
2. PARAPET RETURNS SHALL HAVE MATCHING FINISH, COLOR AND REVEALS TO THE FRONT OF THE PARAPET FROM WHICH THEY RETURN, UNLESS NOTED OTHERWISE ON THE DRAWINGS.
3. AREAS HATCHED INDICATE 5/8" FIRE TREATED PLYWOOD FOR SIGNAGE MOUNTING. TYPICAL. CONFIRM FINAL LOCATIONS WITH INITIAL TENANTS OCCUPYING SHELL BUILDING.
4. ALL TRIM TO BE PAINTED P1 UNLESS NOTED OTHERWISE.
5. SEE FINISH SCHEDULE FOR MORE INFORMATION.



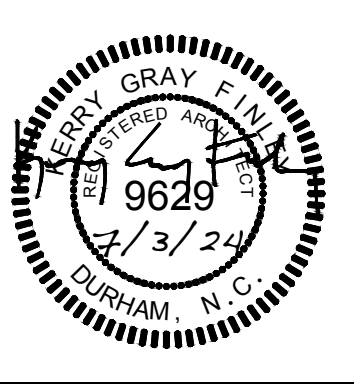
2 RIGHT ELEVATION
Scale: 1/4" = 1'-0"



1 FRONT ELEVATION
Scale: 1/4" = 1'-0"



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EXTERIOR ELEVATIONS

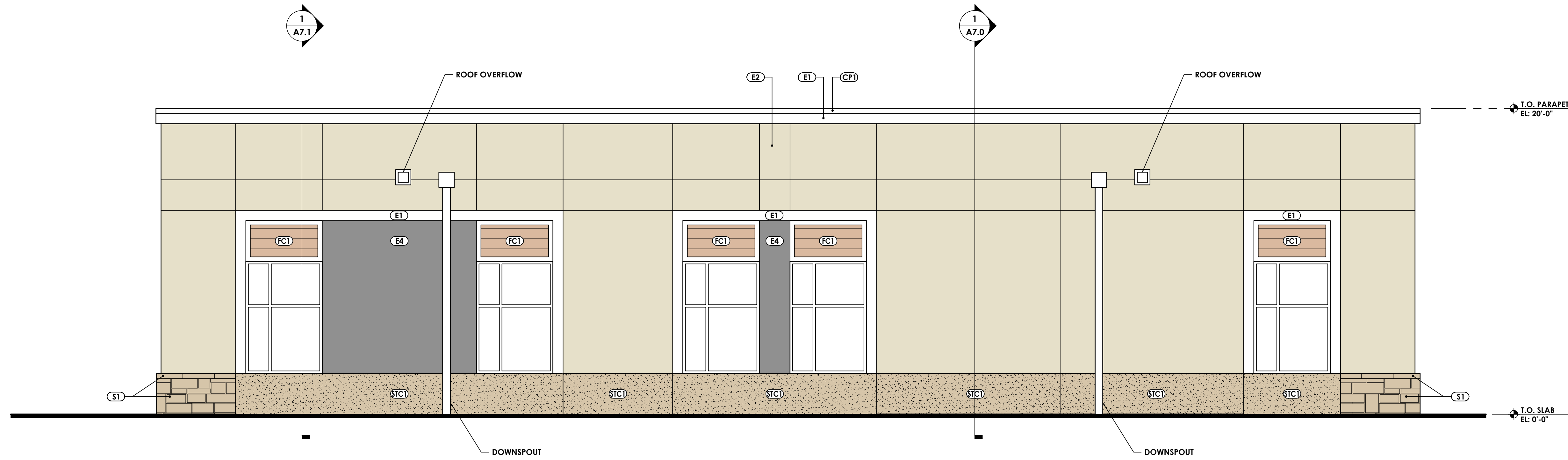
A3.1

MATERIAL LEGEND

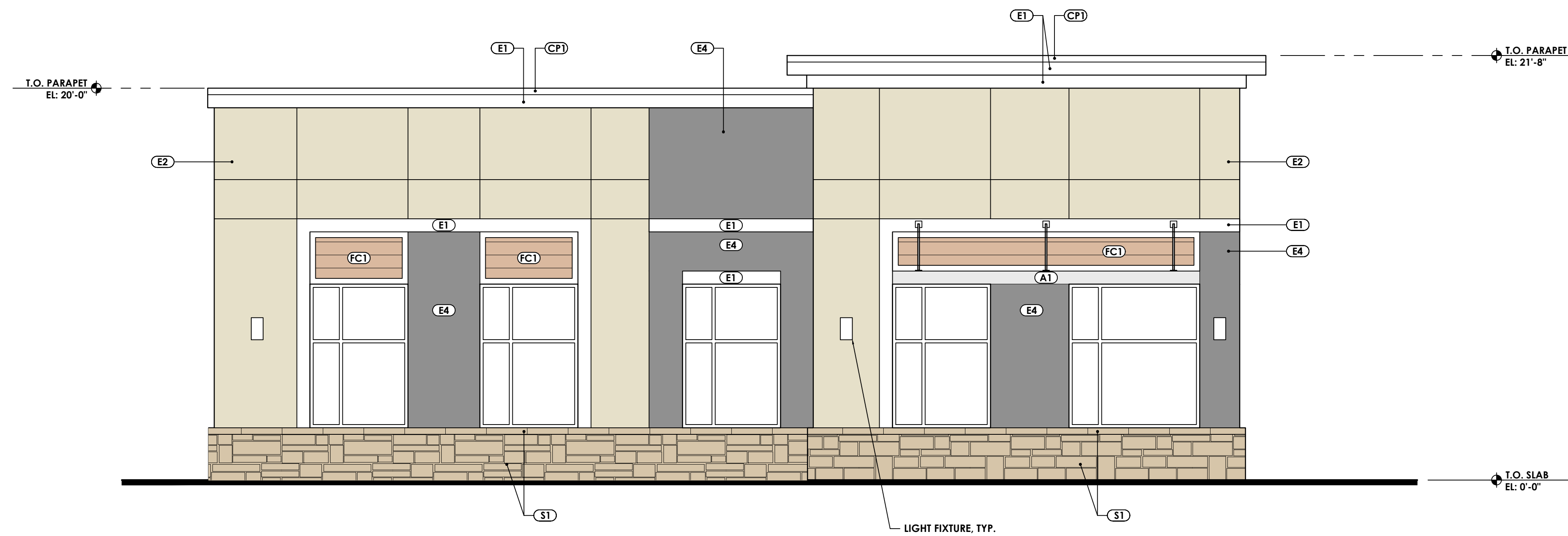
- (B1) BRICK - BLACK MORTAR - STANDARD GRAY
- (E1) EIFS - WHITE
- (E2) EIFS - BEIGE
- (E3) EIFS - GRAY
- (E4) EIFS - BLACK
- (E5) EIFS - BROWN
- (FC1) FIBER CEMENT SIDING - BROWN LAP
- (S1) STONE - TAN/BROWN MORTAR - STANDARD GRAY
- (STC1) STUCCO - TAN/BROWN
- (P1) PAINT - WHITE
- (A1) METAL AWNING - SILVER
- (CPT1) METAL COPING - WHITE

ELEVATION NOTES

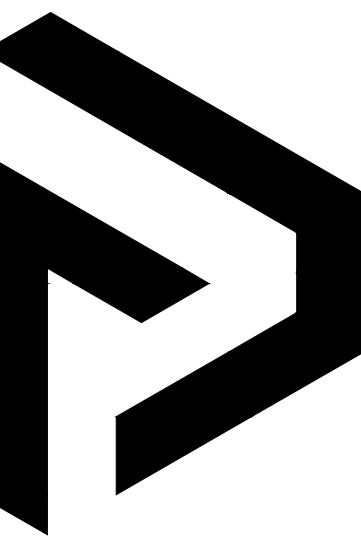
1. DO NOT SCALE ELEVATIONS. REFERENCE PLAN AND WALL SECTIONS FOR MORE INFORMATION.
2. PARAPET RETURNS SHALL HAVE MATCHING FINISH, COLOR AND REVEALS TO THE FRONT OF THE PARAPET FROM WHICH THEY RETURN, UNLESS NOTED OTHERWISE ON THE DRAWINGS.
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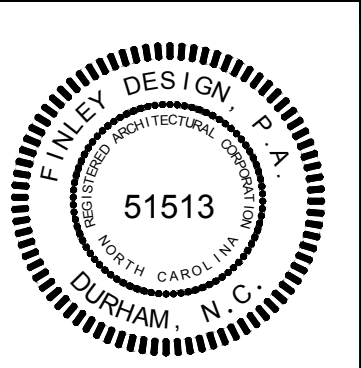
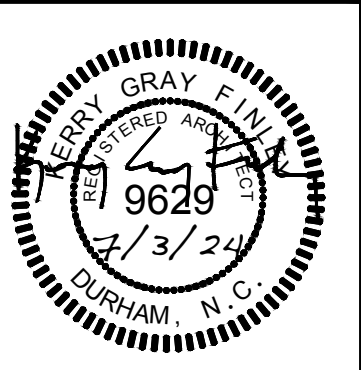
2 REAR ELEVATION
Scale: 1/4" = 1'-0"



1 LEFT ELEVATION
Scale: 1/4" = 1'-0"



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INTERIOR ELEVATIONS

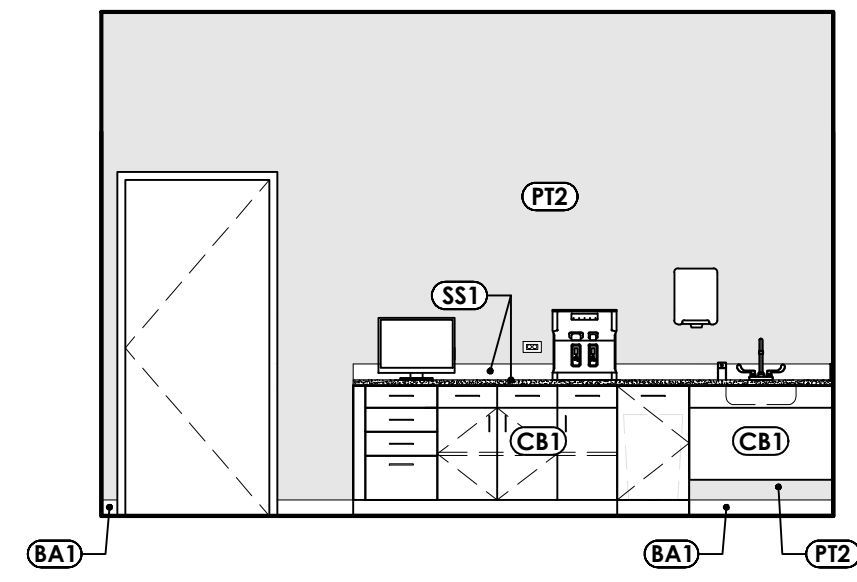
A4.0

MATERIAL LEGEND

- (BA1) WALL BASE - RUBBER
- (PL2) PLASTIC LAMINATE - MARBLE-LOOK
- (PT1) PAINT - WHITE SEMIGLOSS
- (PT2) PAINT - TAUPE
- (PT3) PAINT - BEIGE
- (SS1) SOLID SURFACE - MARBLE-LOOK
- (WC1) WALL COVERING - WOVEN WOOD
- (WC2) WALL COVERING - CHEVRON GRASS TEXTURE

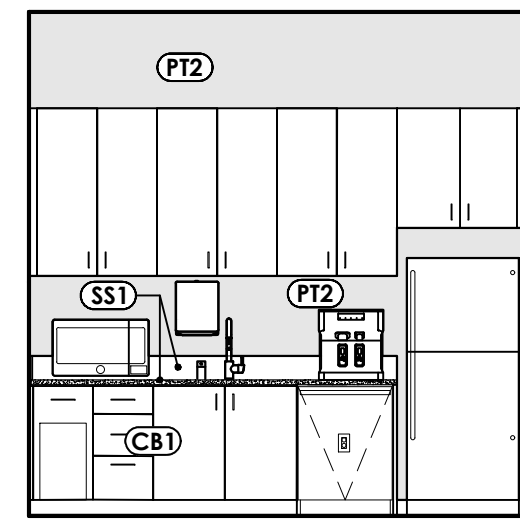
ELEVATION NOTES

1. DO NOT SCALE ELEVATIONS. REFERENCE PLAN AND WALL SECTIONS FOR MORE INFORMATION.
2. SEE FINISH SCHEDULE FOR MORE INFORMATION.



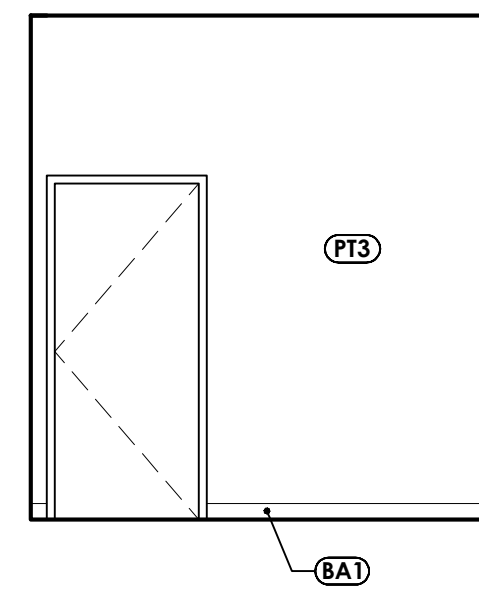
SEE MILLWORK SHEETS FOR MORE INFORMATION

10 NURSE STATION ELEVATION
Scale: 1/4" = 1'-0"

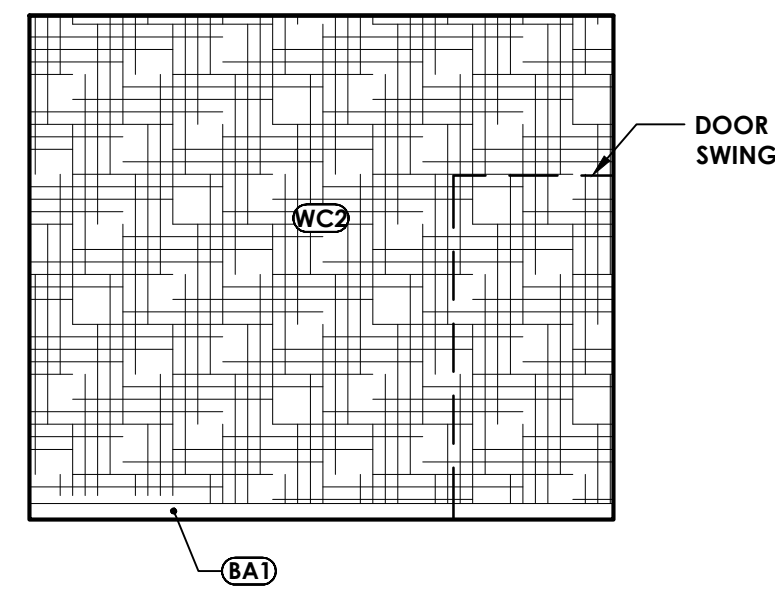


SEE MILLWORK SHEETS FOR MORE INFORMATION

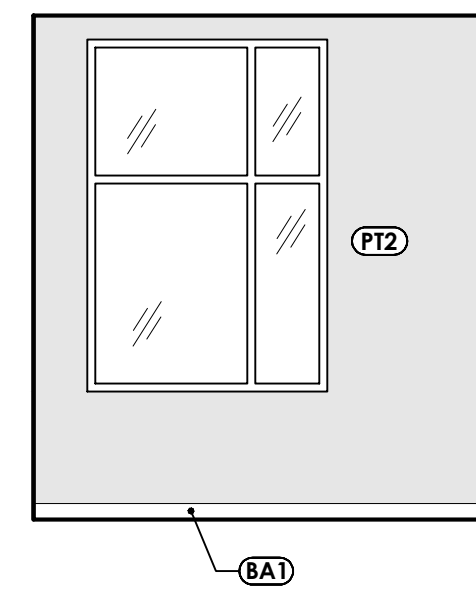
11 BREAK ROOM ELEVATION
Scale: 1/4" = 1'-0"



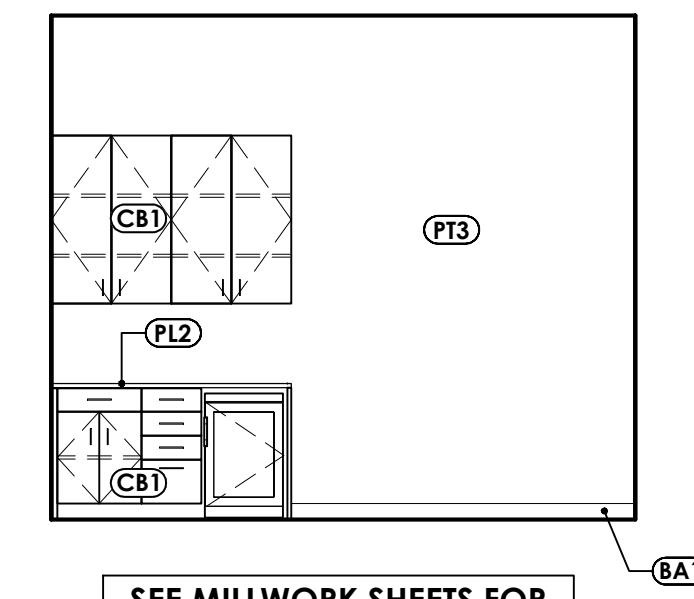
10 EXAM ELEVATION
Scale: 1/4" = 1'-0"
*REVERSE IF PLAN LAYOUT DIFFERS



9 EXAM ELEVATION
Scale: 1/4" = 1'-0"
*REVERSE IF PLAN LAYOUT DIFFERS

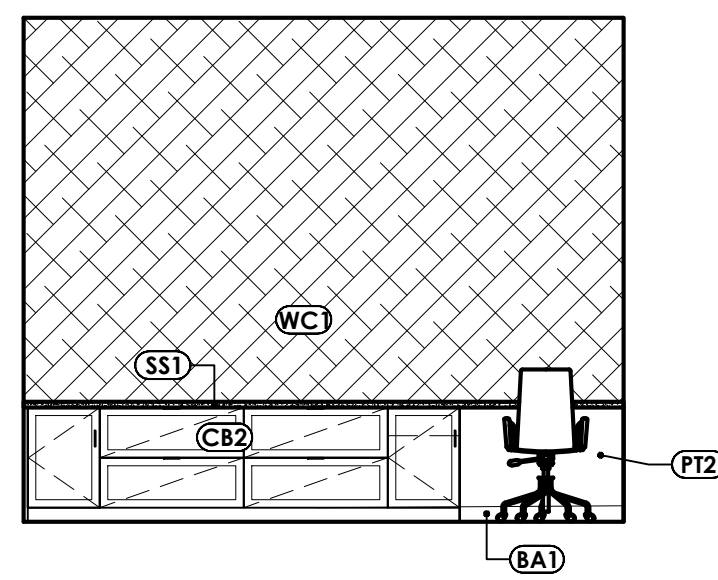


8 EXAM ELEVATION
Scale: 1/4" = 1'-0"
*REVERSE IF PLAN LAYOUT DIFFERS



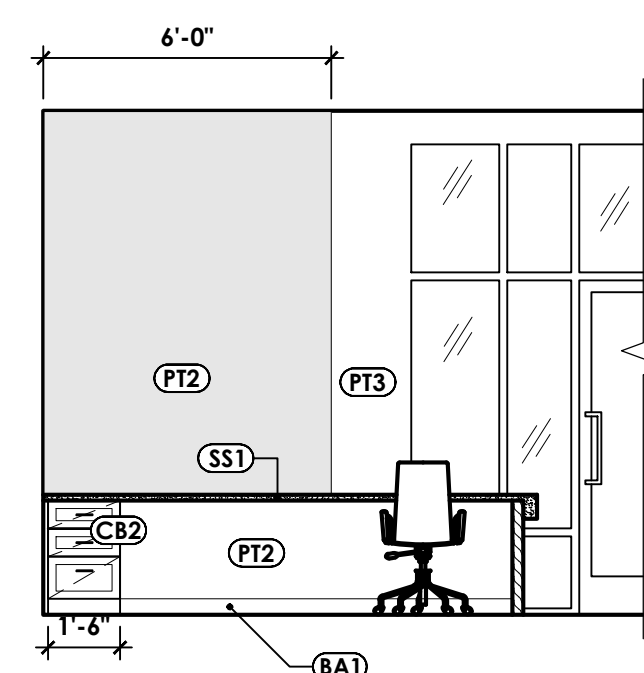
SEE MILLWORK SHEETS FOR MORE INFORMATION

7 EXAM ELEVATION
Scale: 1/4" = 1'-0"
*REVERSE IF PLAN LAYOUT DIFFERS



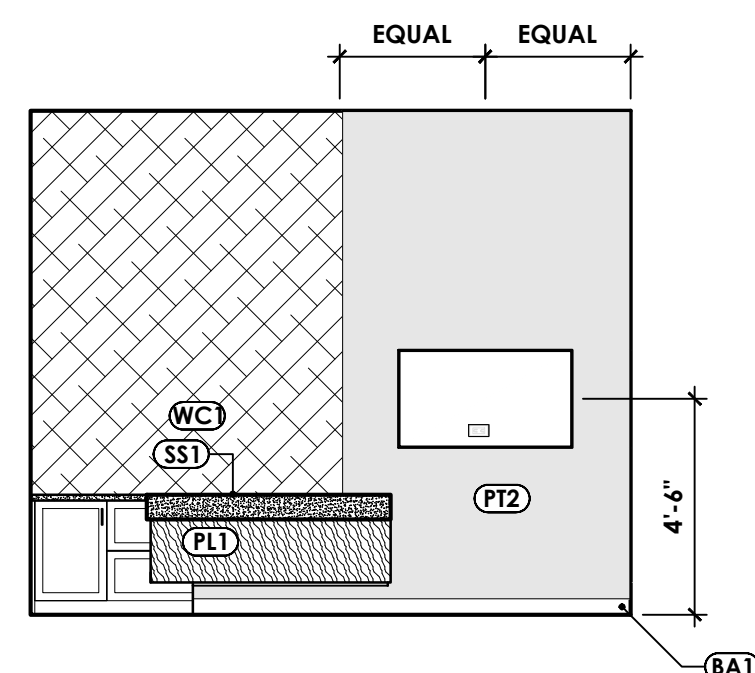
SEE MILLWORK SHEETS FOR MORE INFORMATION

6 CHECK IN ELEVATION
Scale: 1/4" = 1'-0"



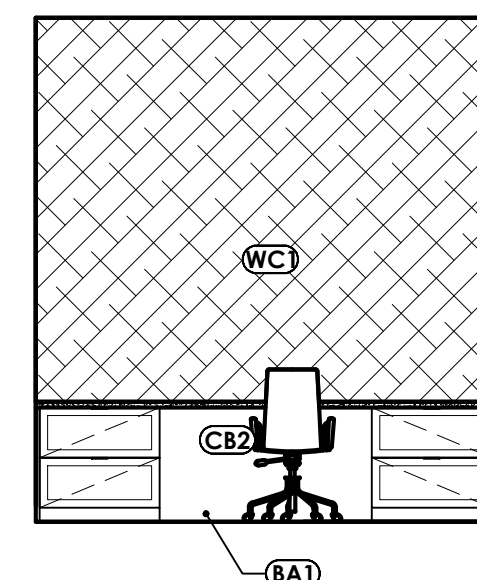
SEE MILLWORK SHEETS FOR MORE INFORMATION

5 CHECK IN ELEVATION
Scale: 1/4" = 1'-0"



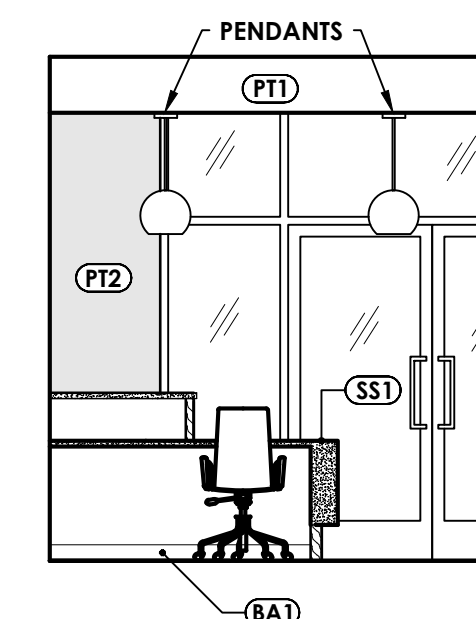
SEE MILLWORK SHEETS FOR MORE INFORMATION

4 CHECK IN ELEVATION
Scale: 1/4" = 1'-0"



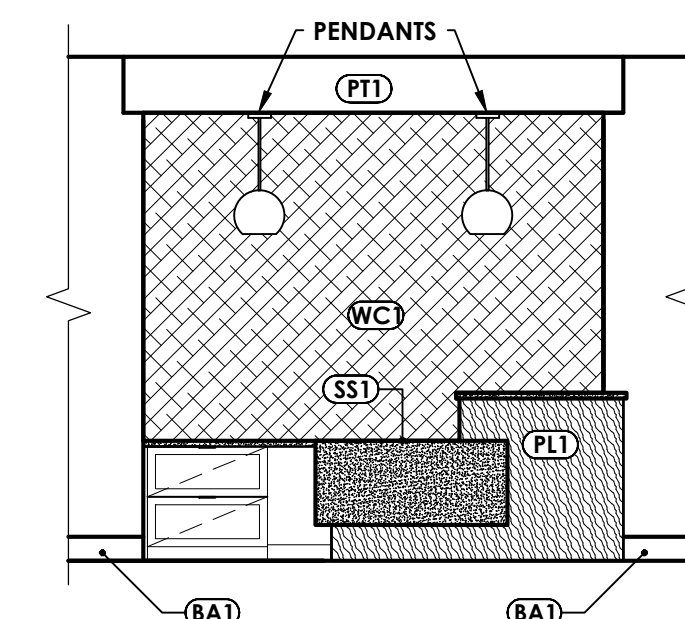
SEE MILLWORK SHEETS FOR MORE INFORMATION

3 RECEPTION ELEVATION
Scale: 1/4" = 1'-0"



SEE MILLWORK SHEETS FOR MORE INFORMATION

2 RECEPTION ELEVATION
Scale: 1/4" = 1'-0"

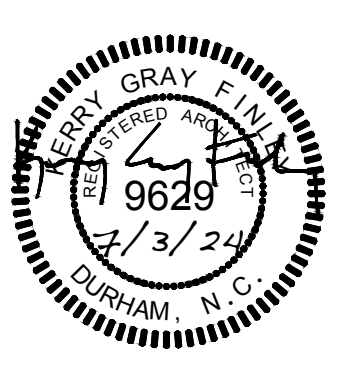


SEE MILLWORK SHEETS FOR MORE INFORMATION

1 RECEPTION ELEVATION
Scale: 1/4" = 1'-0"



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ENLARGED PLANS AND ELEVATIONS

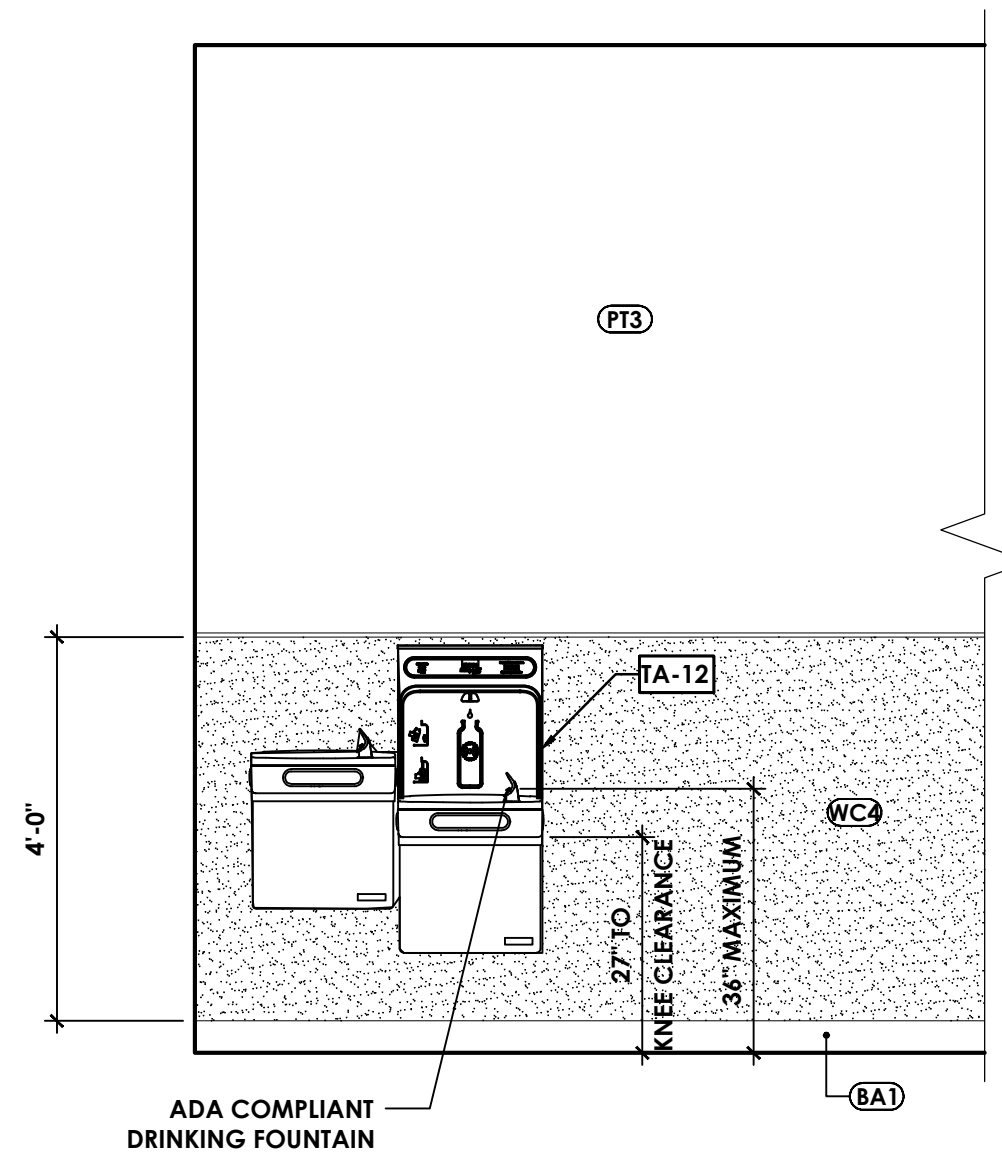
A5.0

MATERIAL LEGEND

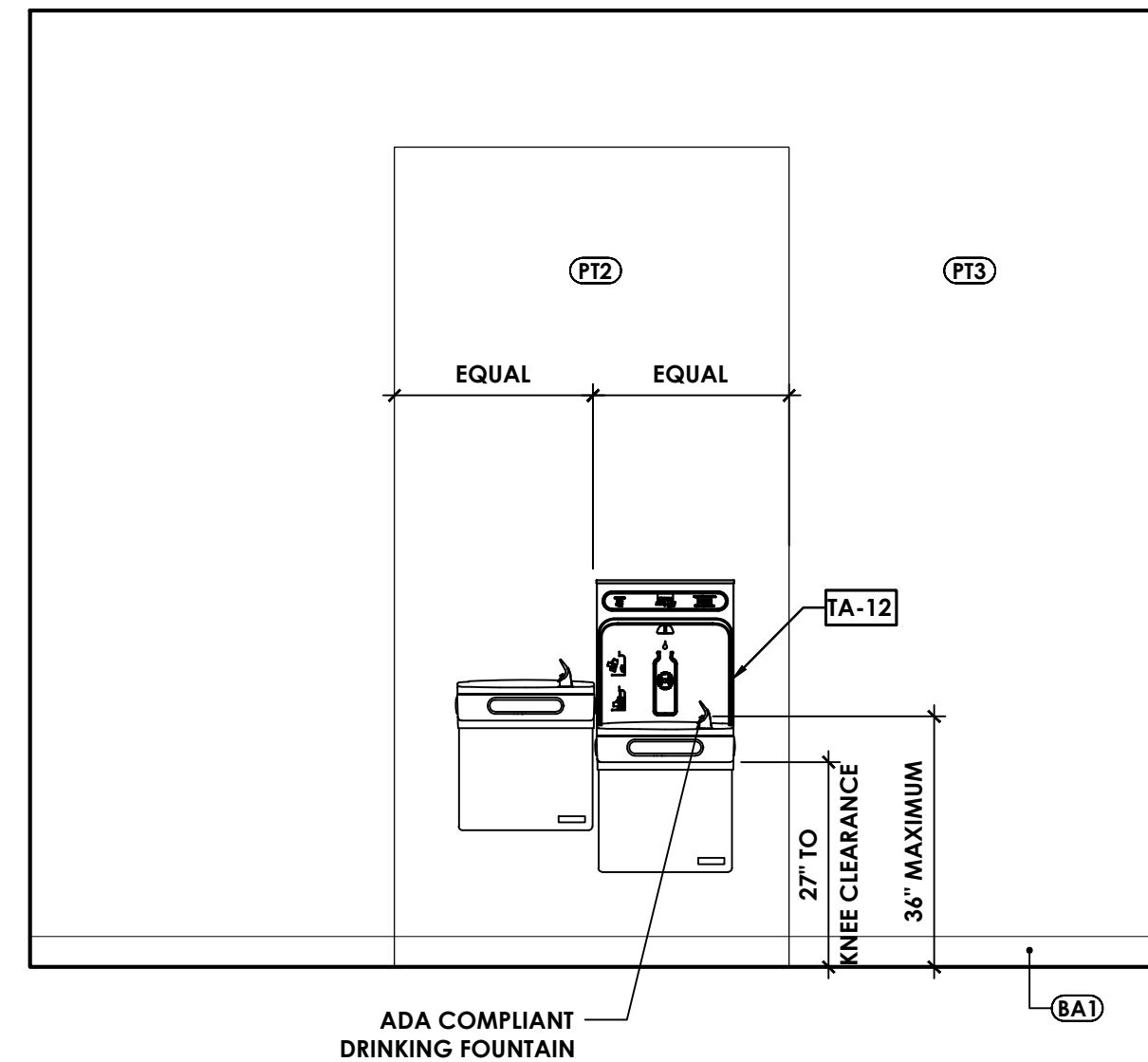
- (BA1) WALL BASE - RUBBER
- (FRP1) FIBERGLASS REINFORCED PLASTIC - PLAIN
- (FRP2) FIBERGLASS REINFORCED PLASTIC - SUBWAY TILE LOOK
- (FRP3) FIBERGLASS REINFORCED PLASTIC - LARGE VERTICAL
- (PL2) PLASTIC LAMINATE - MARBLE-LOOK
- (PT1) PAINT - WHITE SEMIGLOSS
- (PT2) PAINT - TAUPE
- (PT3) PAINT - BEIGE
- (PT5) PAINT - TAUPE SEMIGLOSS
- (WC1) WALL COVERING - WOVEN WOOD
- (WC2) WALL COVERING - CHEVRON GRASS TEXTURE
- (WC3) WALL COVERING - SPONGE TEXTURE
- (WC4) WALL COVERING - PROTECTIVE WAINSCOT

ELEVATION NOTES

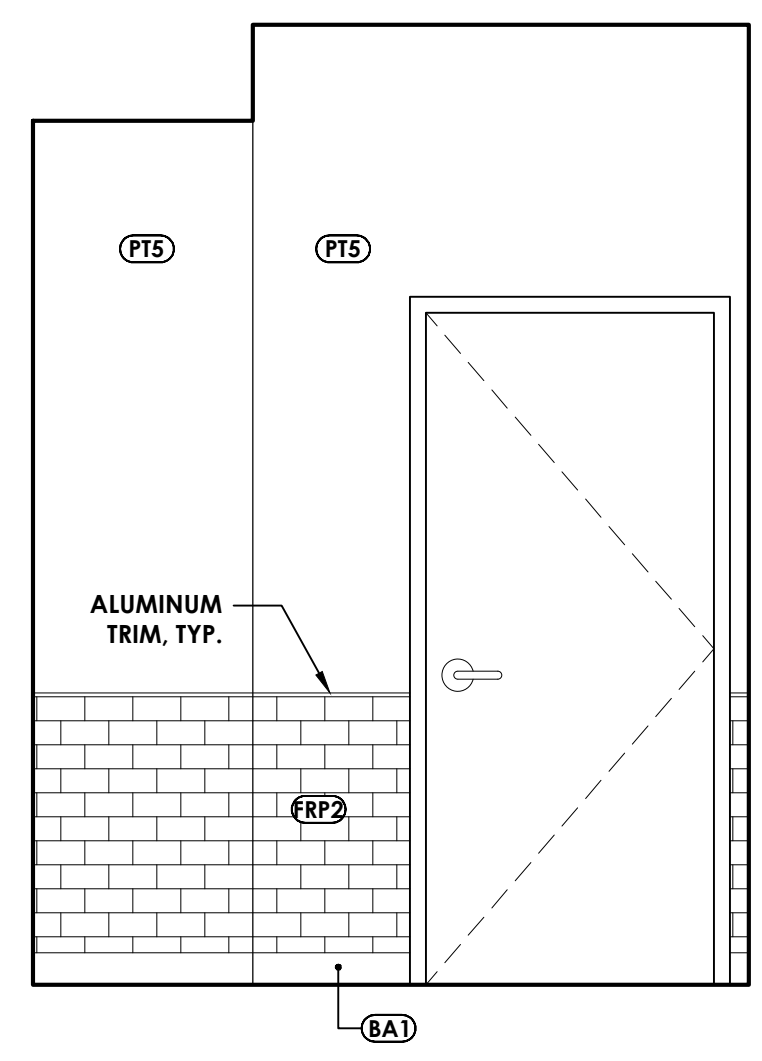
1. DO NOT SCALE ELEVATIONS. REFERENCE PLAN AND WALL SECTIONS FOR MORE INFORMATION.
2. SEE FINISH SCHEDULE FOR MORE INFORMATION.



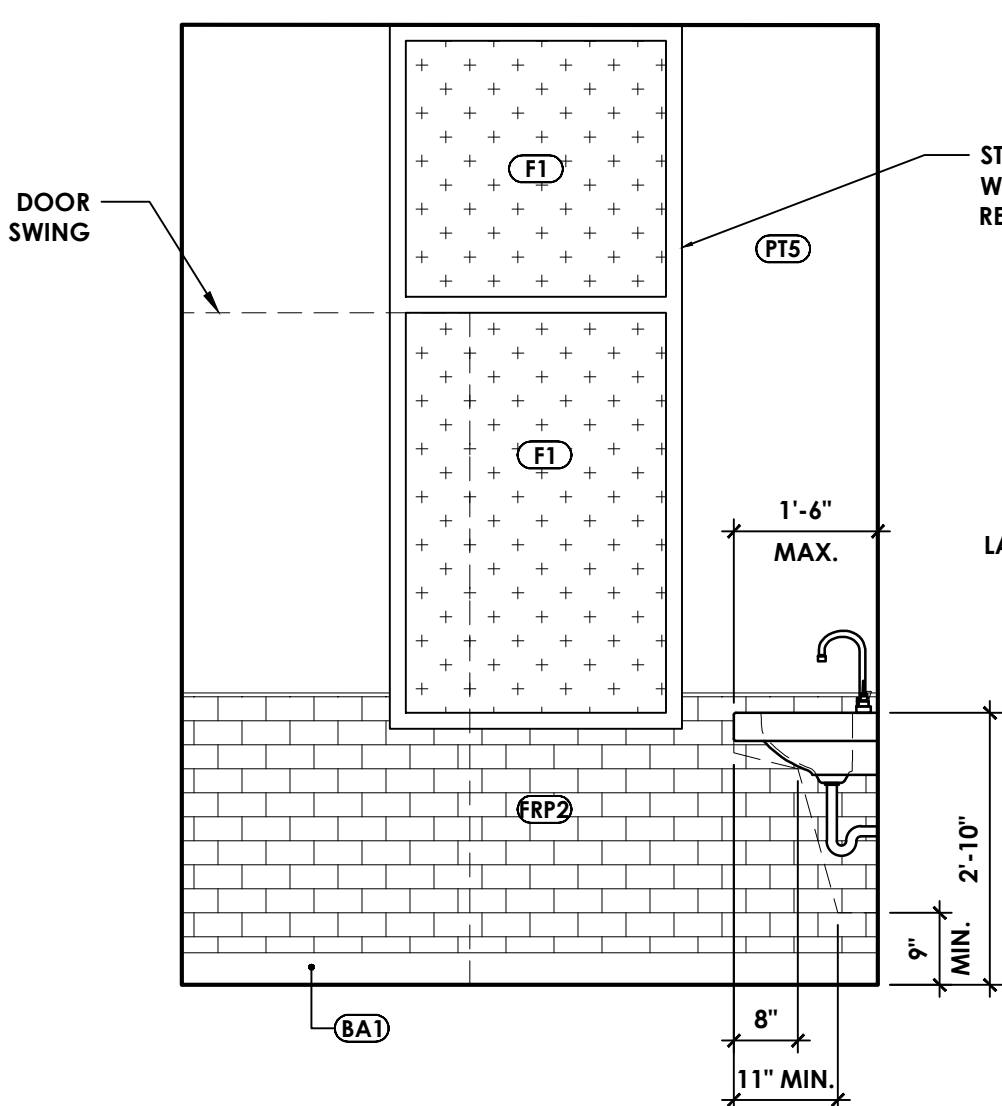
7 WELL WAITING WATER COOLER ELEVATION
Scale: 1/2" = 1'-0"



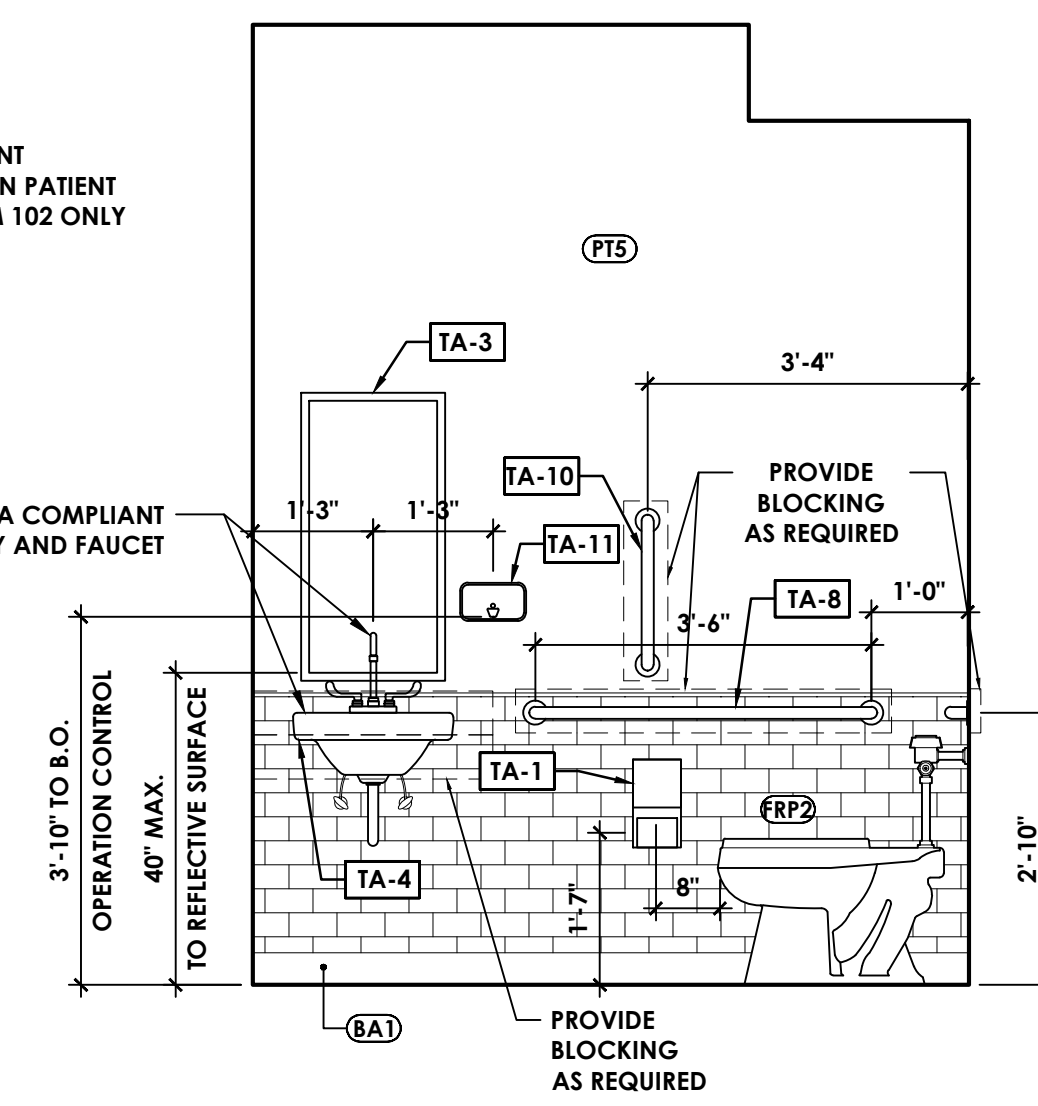
6 CHIRO/ACC. WATER COOLER ELEVATION
Scale: 1/2" = 1'-0"



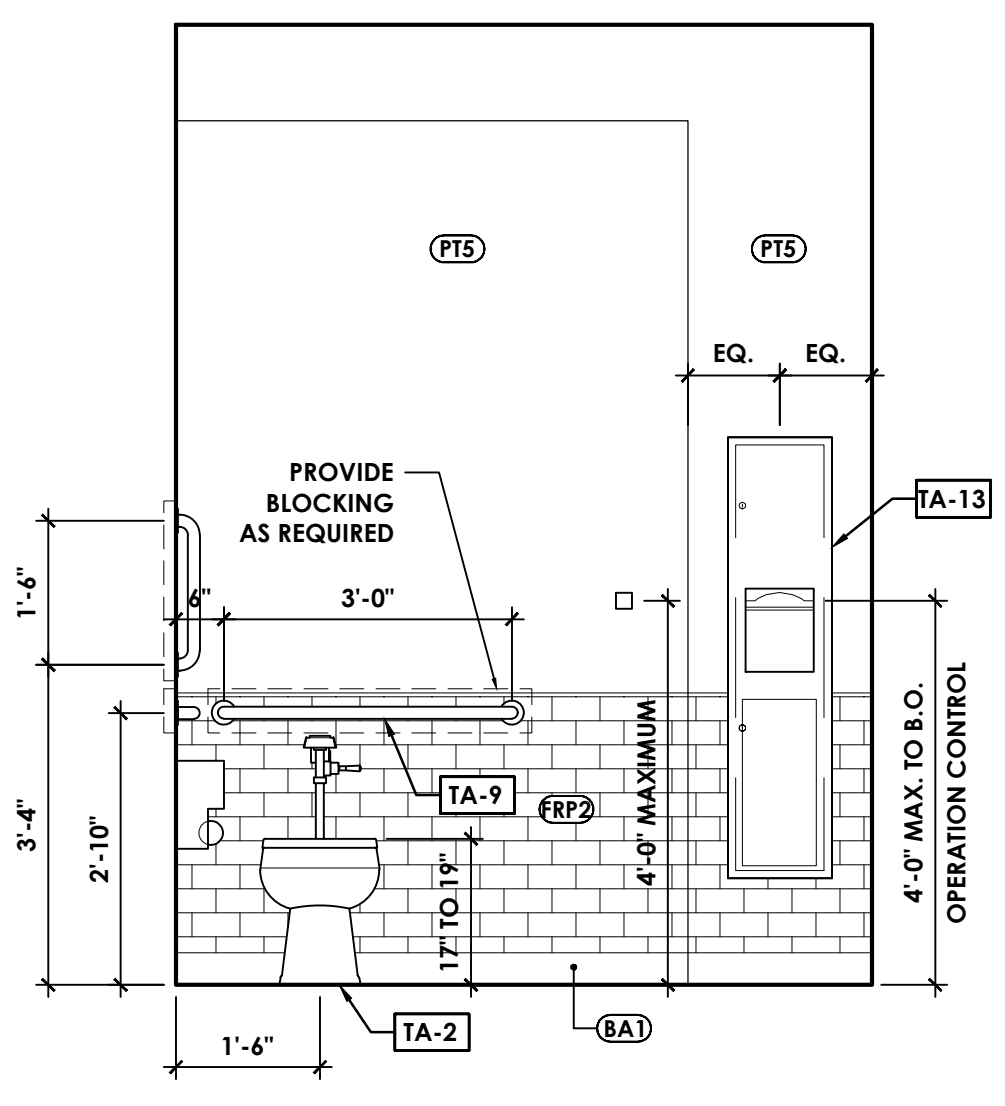
5 RESTROOM ELEVATION
Scale: 1/2" = 1'-0"
* REVERSE IF PLAN LAYOUT DIFFERS



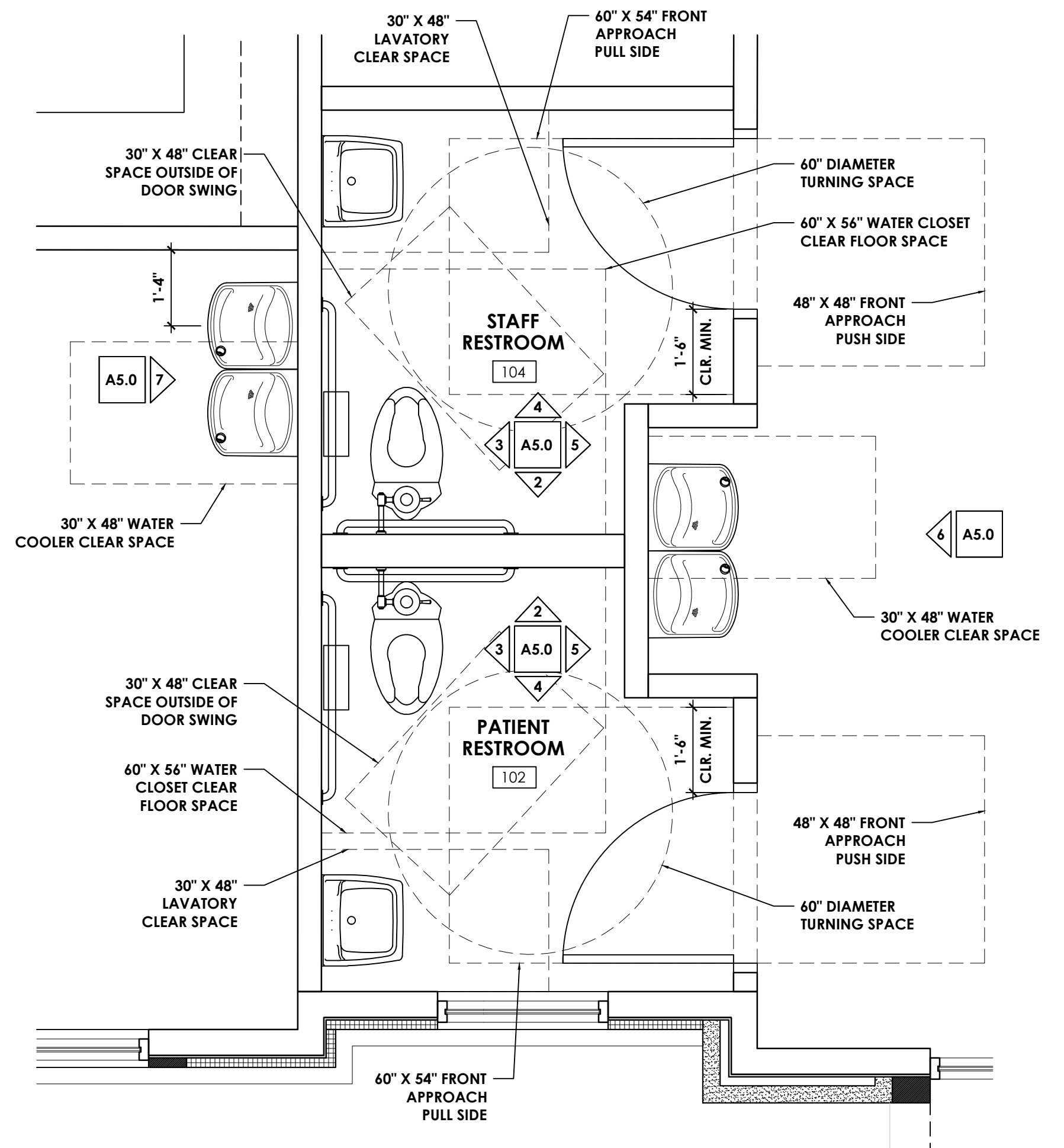
4 RESTROOM ELEVATION
Scale: 1/2" = 1'-0"
* REVERSE IF PLAN LAYOUT DIFFERS



3 RESTROOM ELEVATION
Scale: 1/2" = 1'-0"
* REVERSE IF PLAN LAYOUT DIFFERS



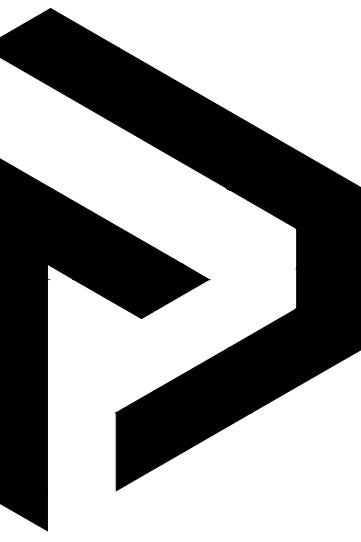
2 RESTROOM ELEVATION
Scale: 1/2" = 1'-0"
* REVERSE IF PLAN LAYOUT DIFFERS



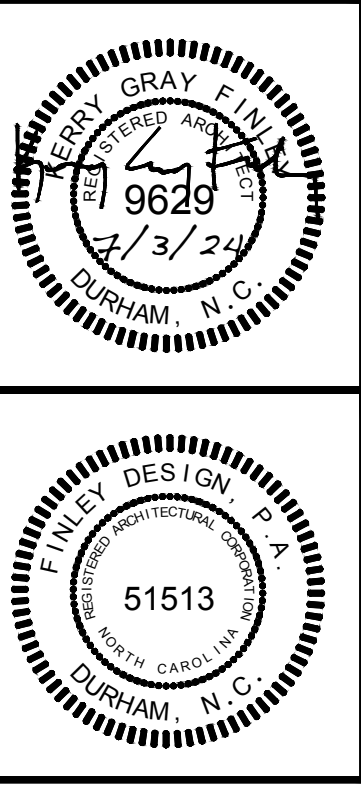
1 CHIRO./ACCU. RESTROOMS PLAN
Scale: 1/2" = 1'-0"

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/USERS/KATE/FINLEYDESIGN/PROJECTS/2344 ANGIER MEDICAL/DRAWINGS/2344-B2 ENLARGED PLANS AND ELEVATIONS.DWG



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 CHECKED BY: KEL

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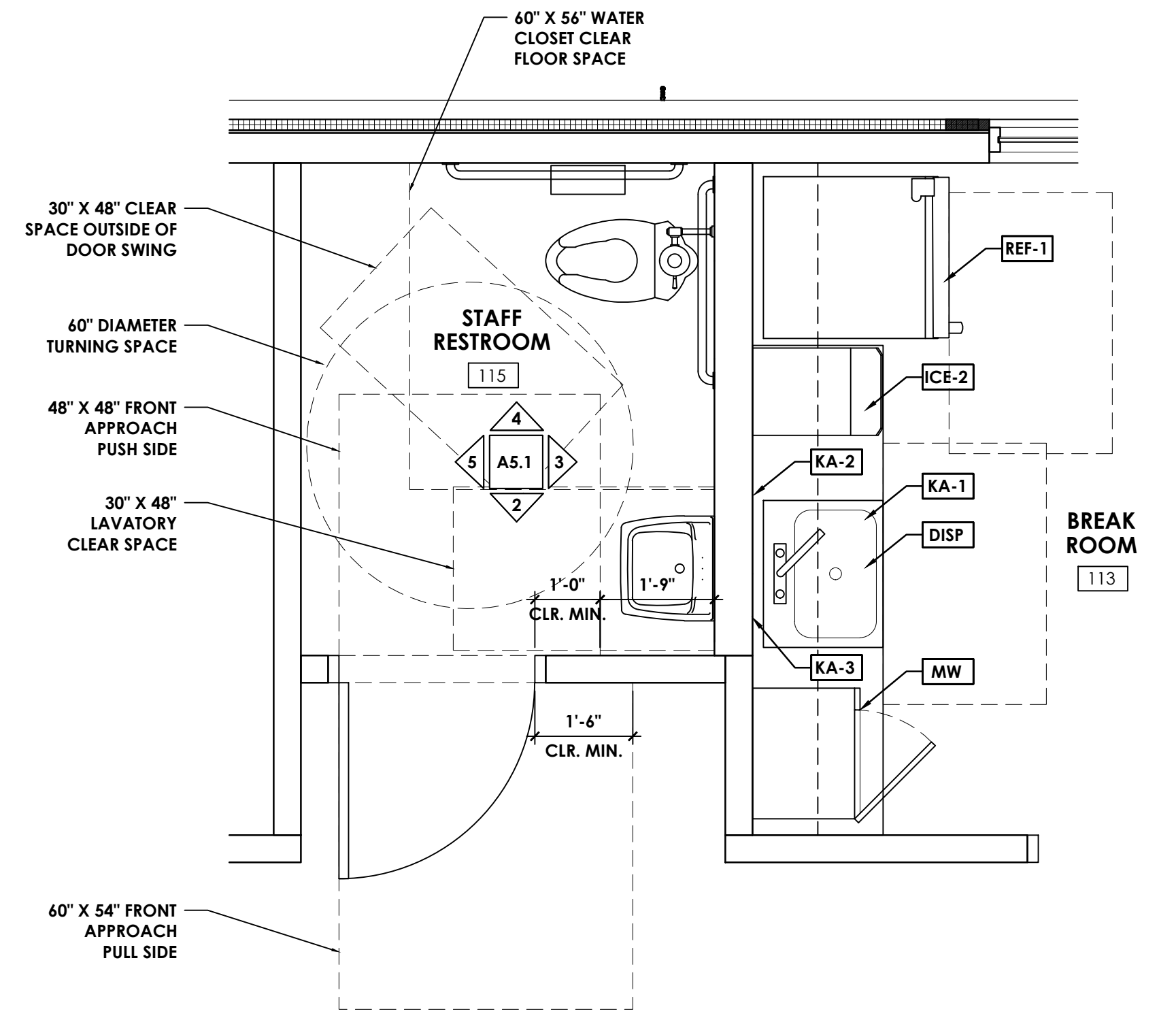
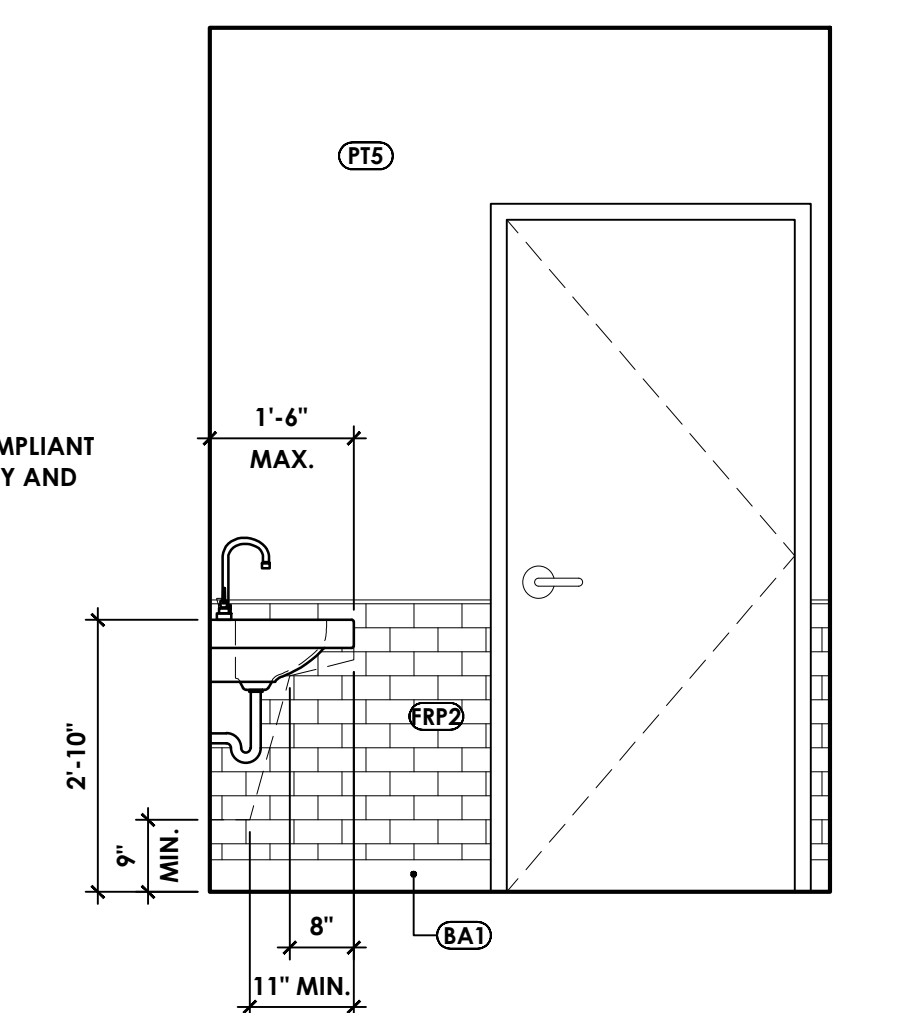
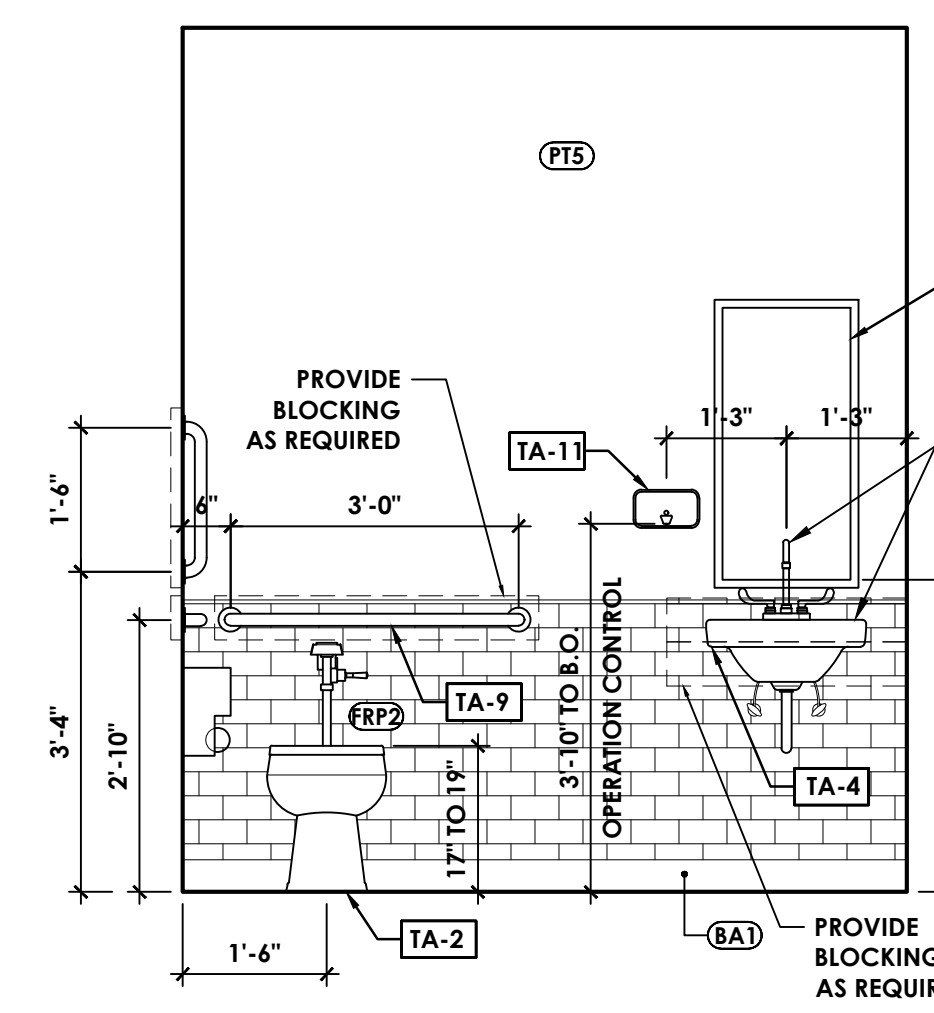
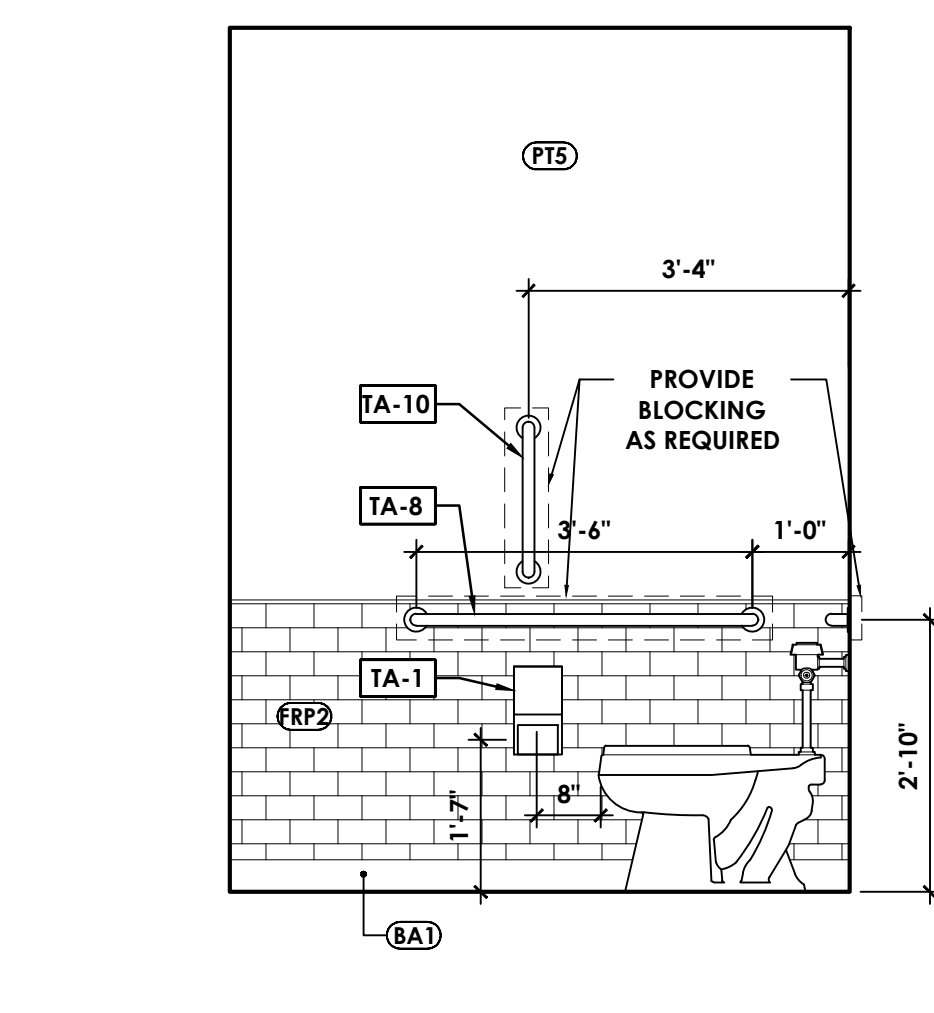
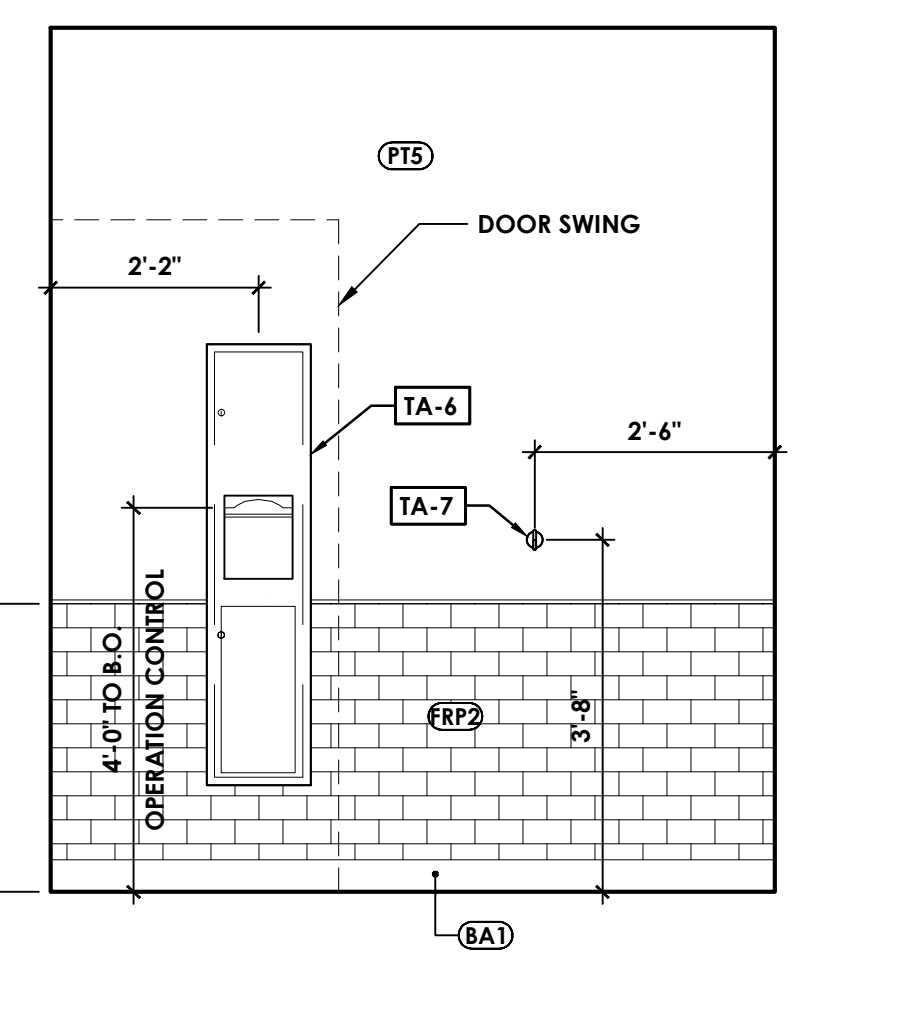
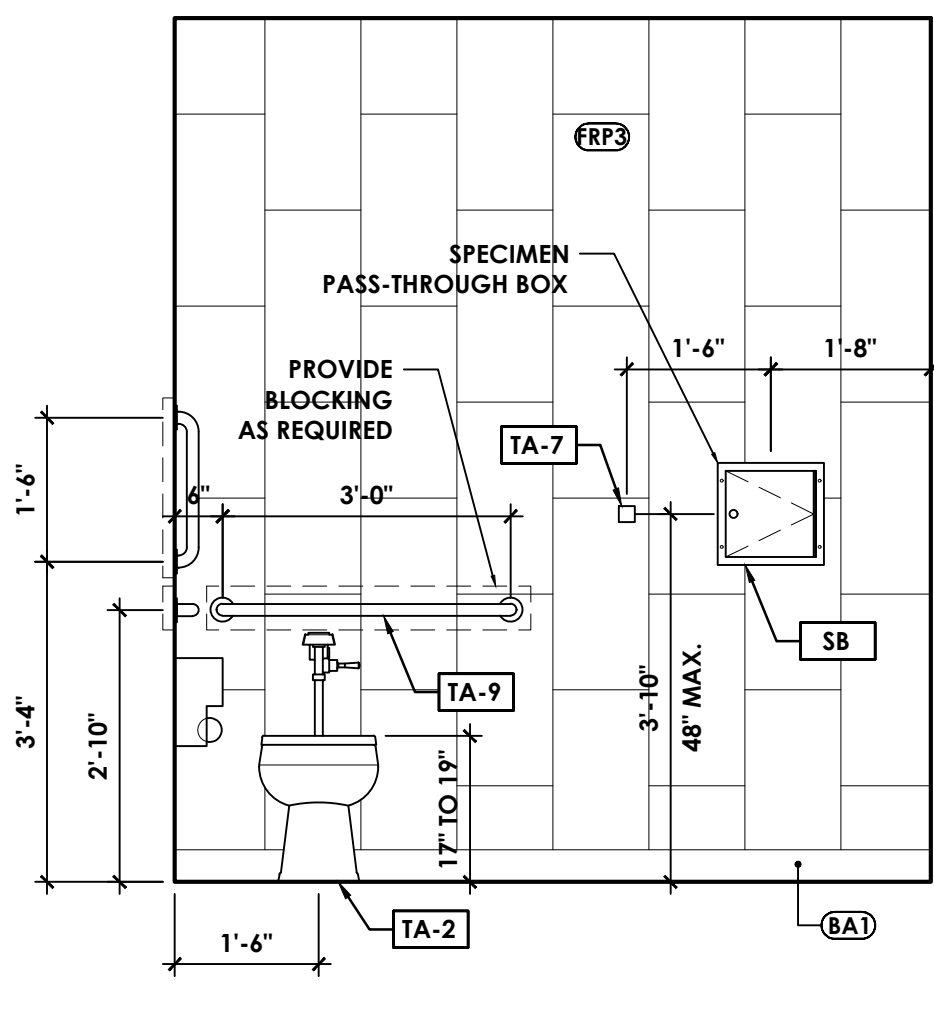
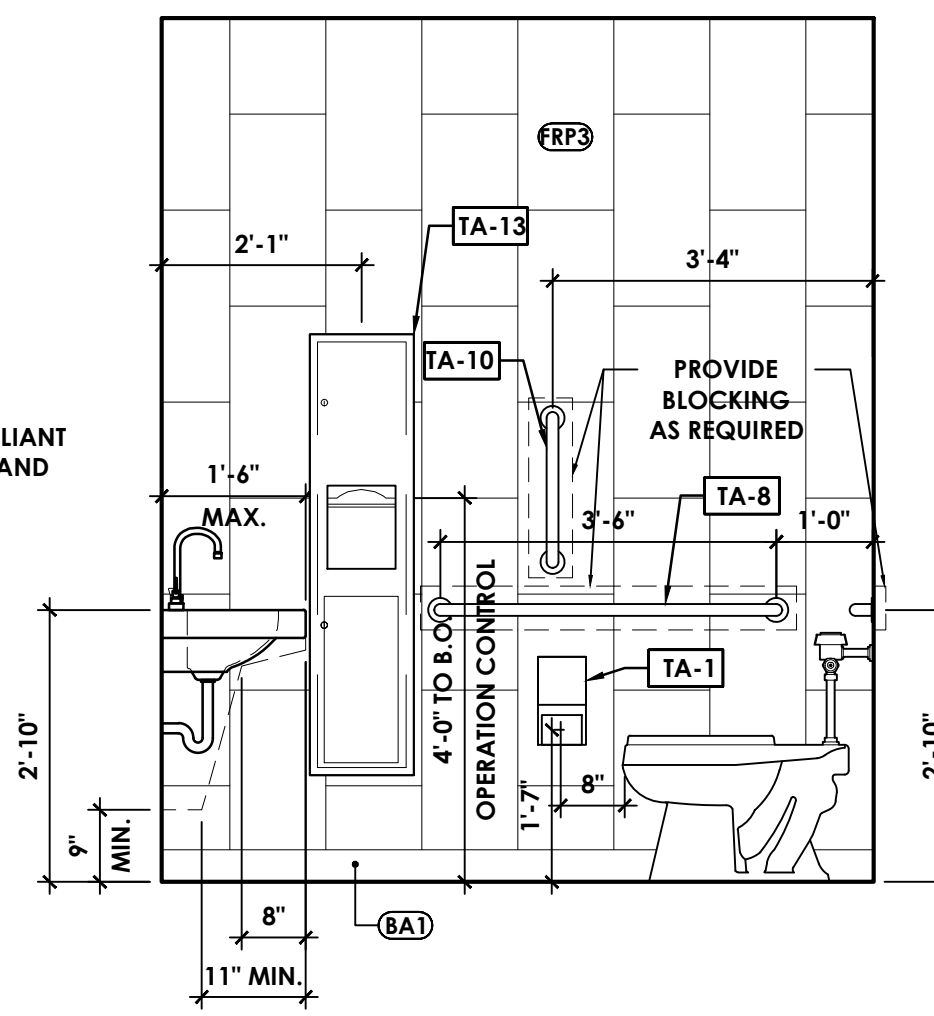
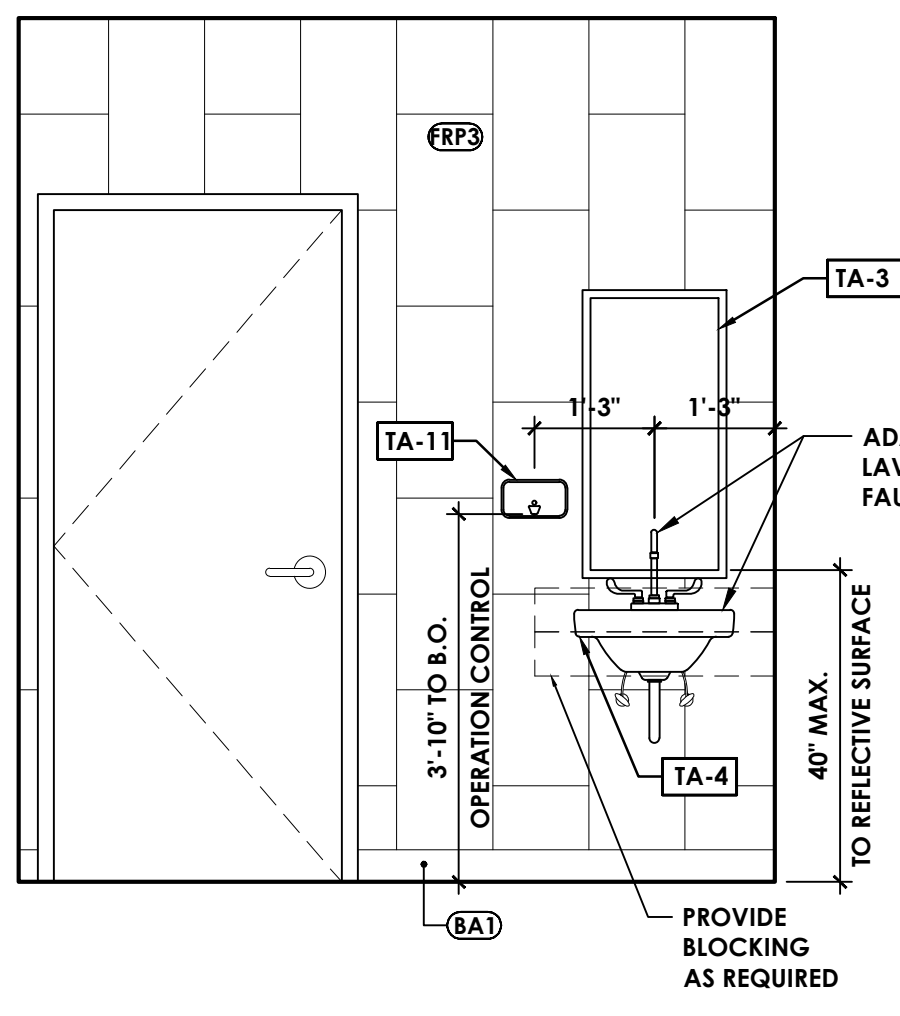
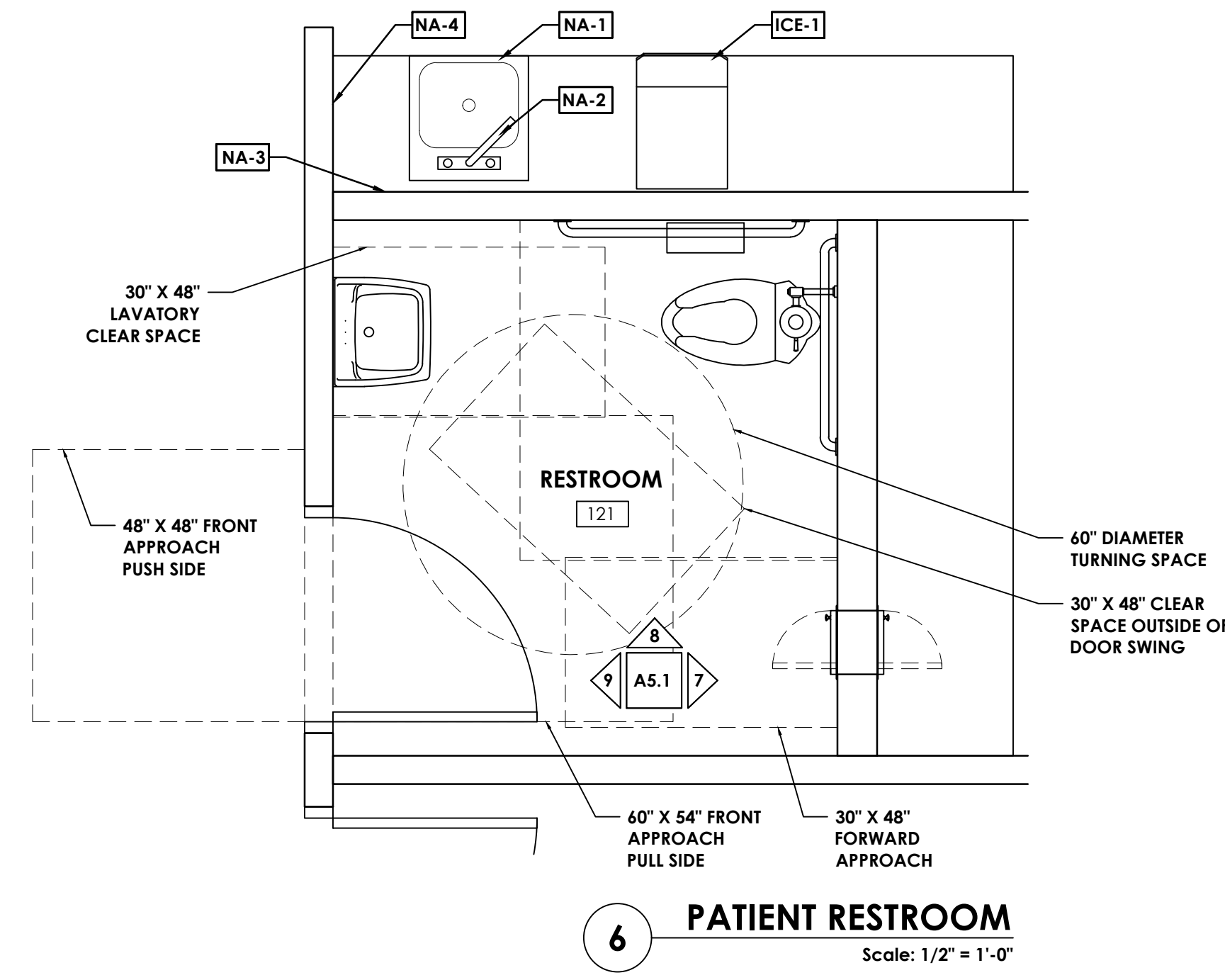
A5.1

MATERIAL LEGEND

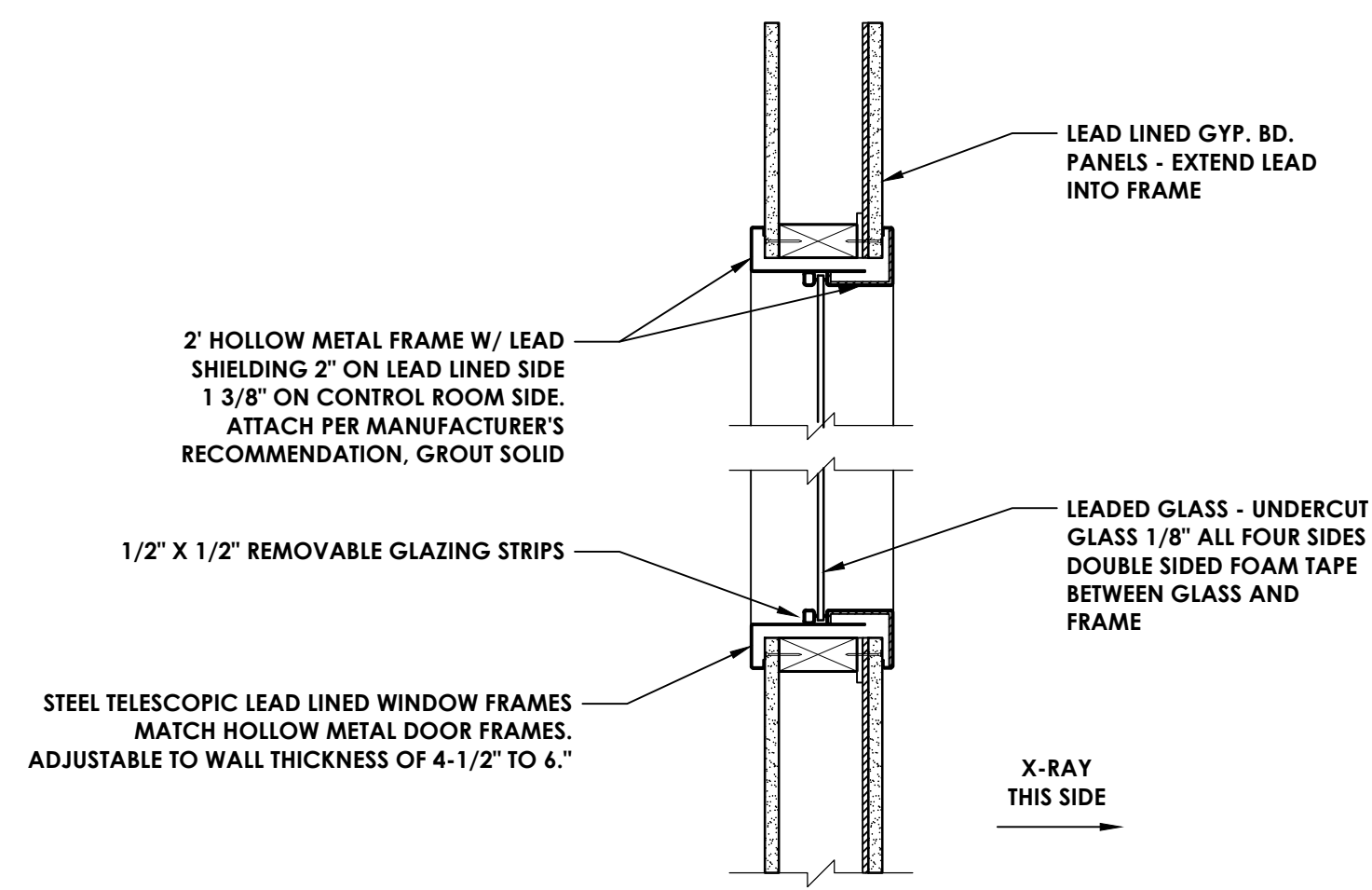
- (BA1) WALL BASE - RUBBER
- (FRP1) FIBERGLASS REINFORCED PLASTIC - PLAIN
- (FRP2) FIBERGLASS REINFORCED PLASTIC - SUBWAY TILE LOOK
- (FRP3) FIBERGLASS REINFORCED PLASTIC - LARGE VERTICAL
- (PL2) PLASTIC LAMINATE - MARBLE-LOOK
- (PT1) PAINT - WHITE SEMIGLOSS
- (PT2) PAINT - TAUPE
- (PT3) PAINT - BEIGE
- (PT5) PAINT - TAUPE SEMIGLOSS
- (WC1) WALL COVERING - WOVEN WOOD
- (WC2) WALL COVERING - CHEVRON GRASS TEXTURE
- (WC3) WALL COVERING - SPONGE TEXTURE
- (WC4) WALL COVERING - PROTECTIVE WAINSCOT

ELEVATION NOTES

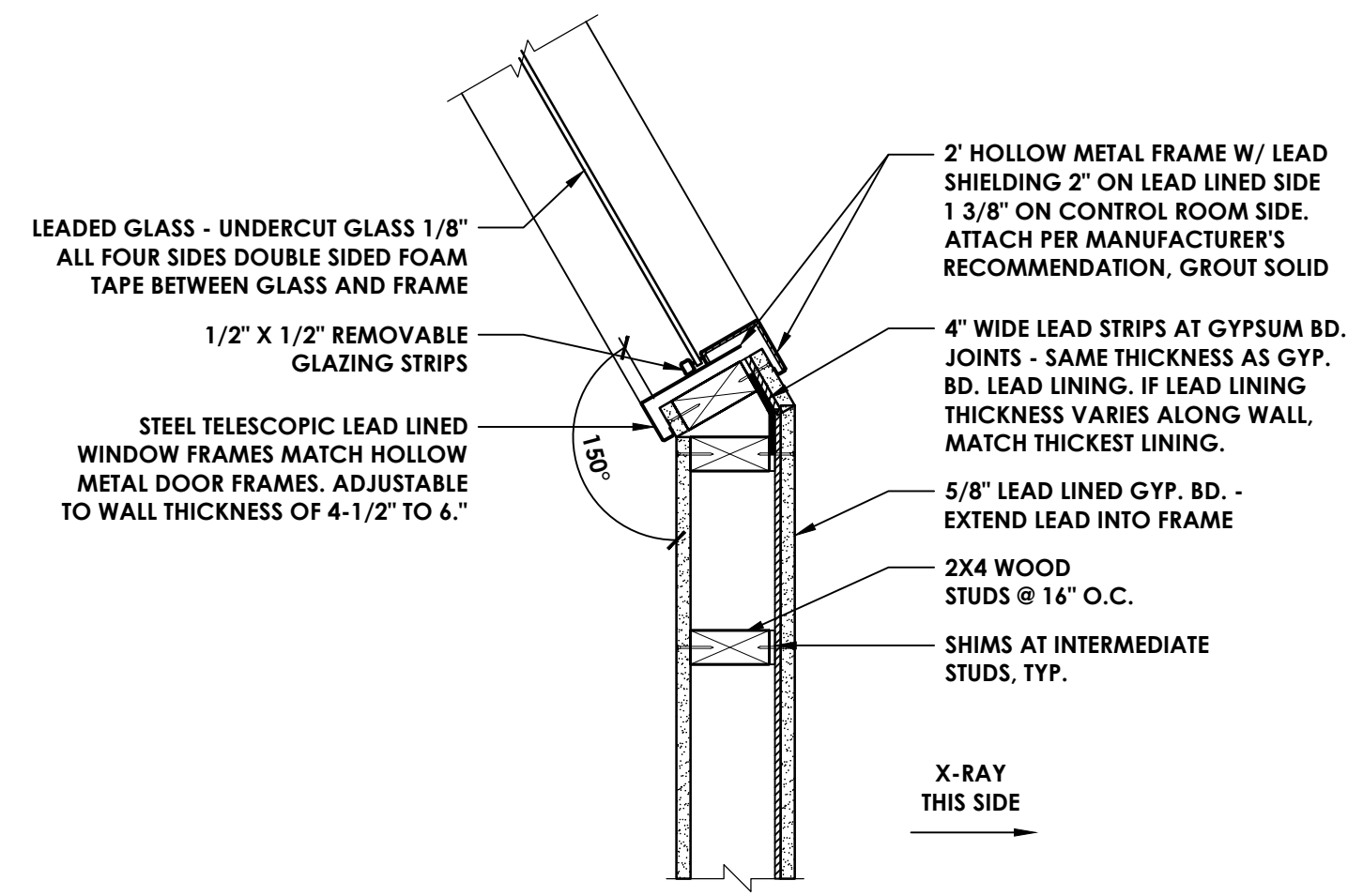
1. DO NOT SCALE ELEVATIONS. REFERENCE PLAN AND WALL SECTIONS FOR MORE INFORMATION.
2. SEE FINISH SCHEDULE FOR MORE INFORMATION.



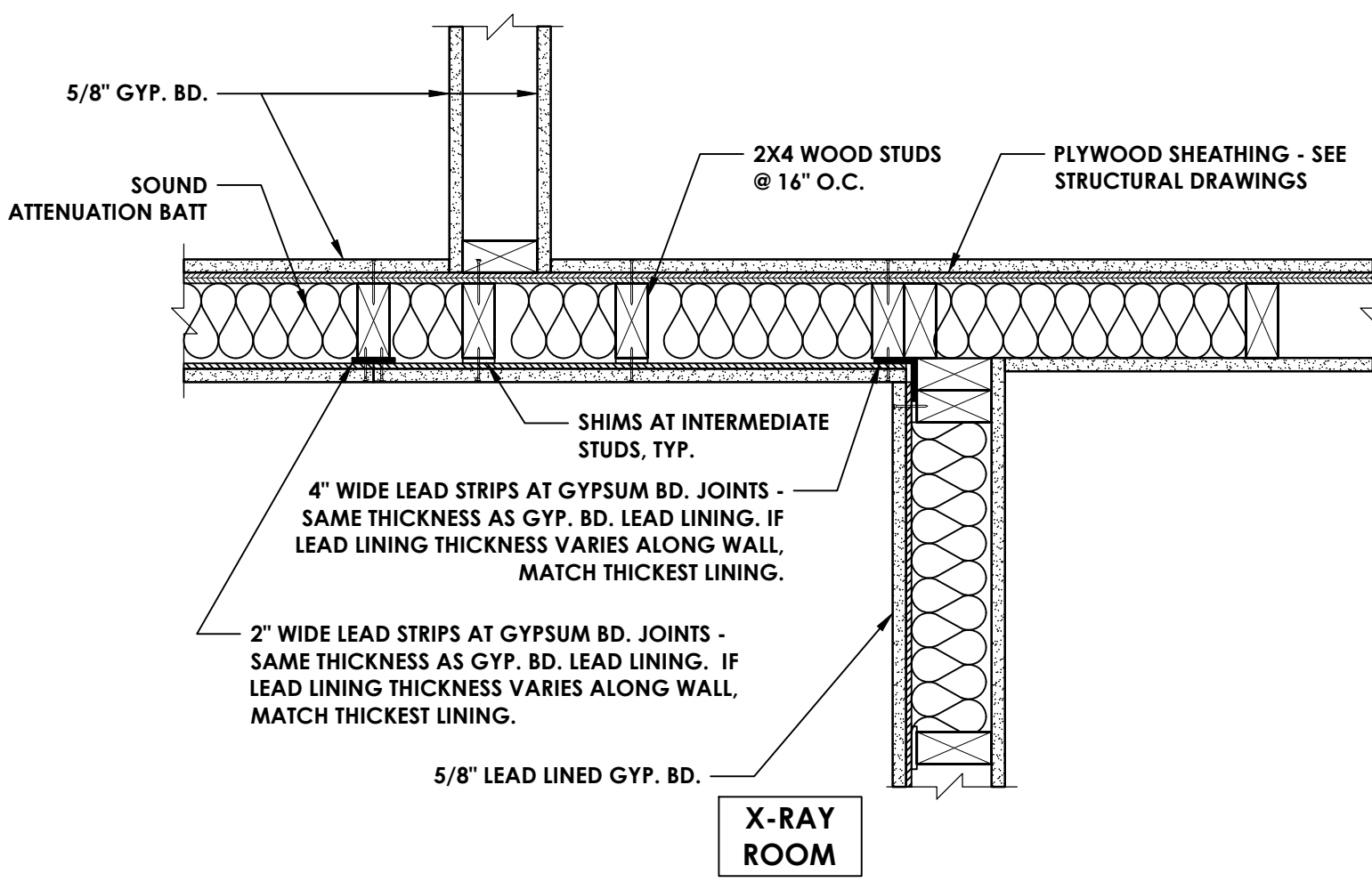
/USERS/KATE/FINLEYDESIGN/PROJECTS/2344 ANGLIER MEDICAL/DRAWINGS/2344 B2 ENLARGED PLANS AND ELEVATIONS.DWG



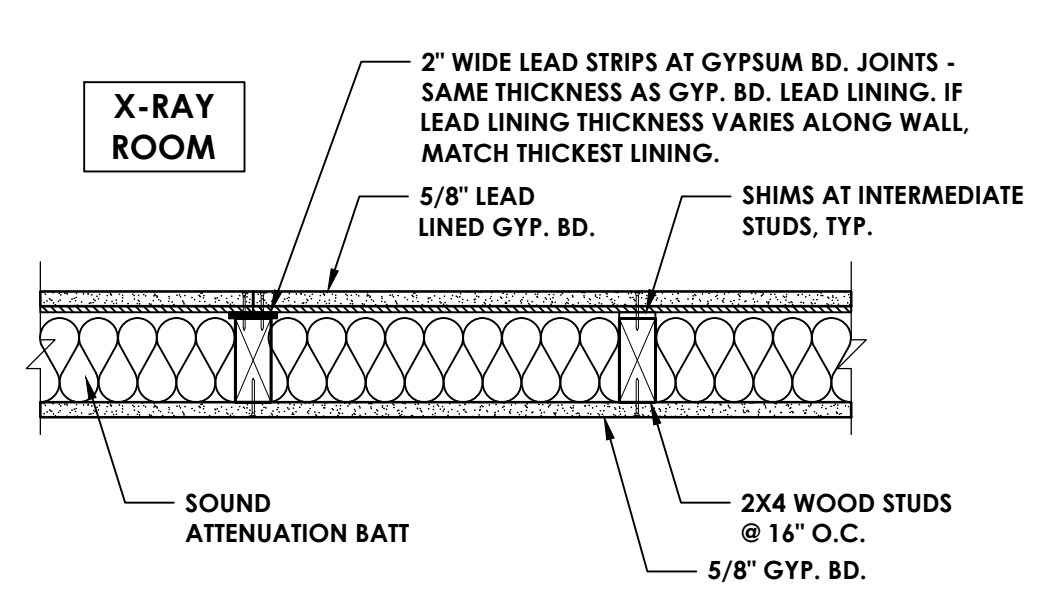
11 SECTION DETAIL
Scale: 1-1/2" = 1'-0"



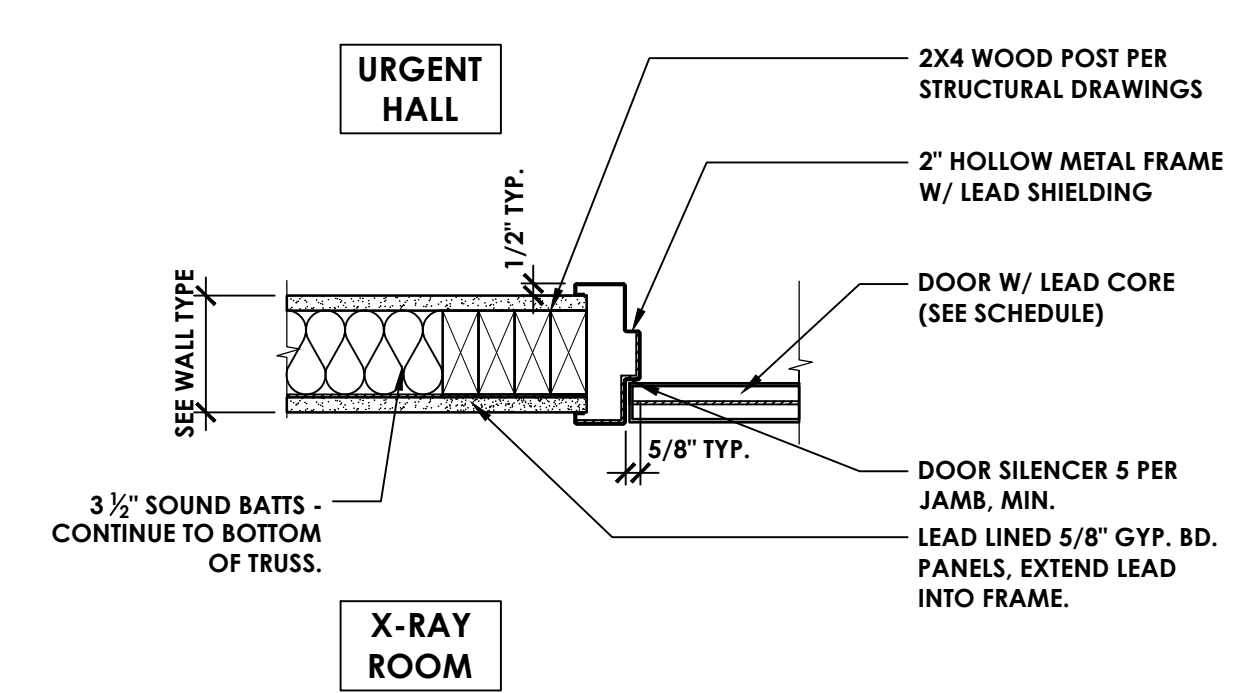
10 PLAN DETAIL
Scale: 1-1/2" = 1'-0"



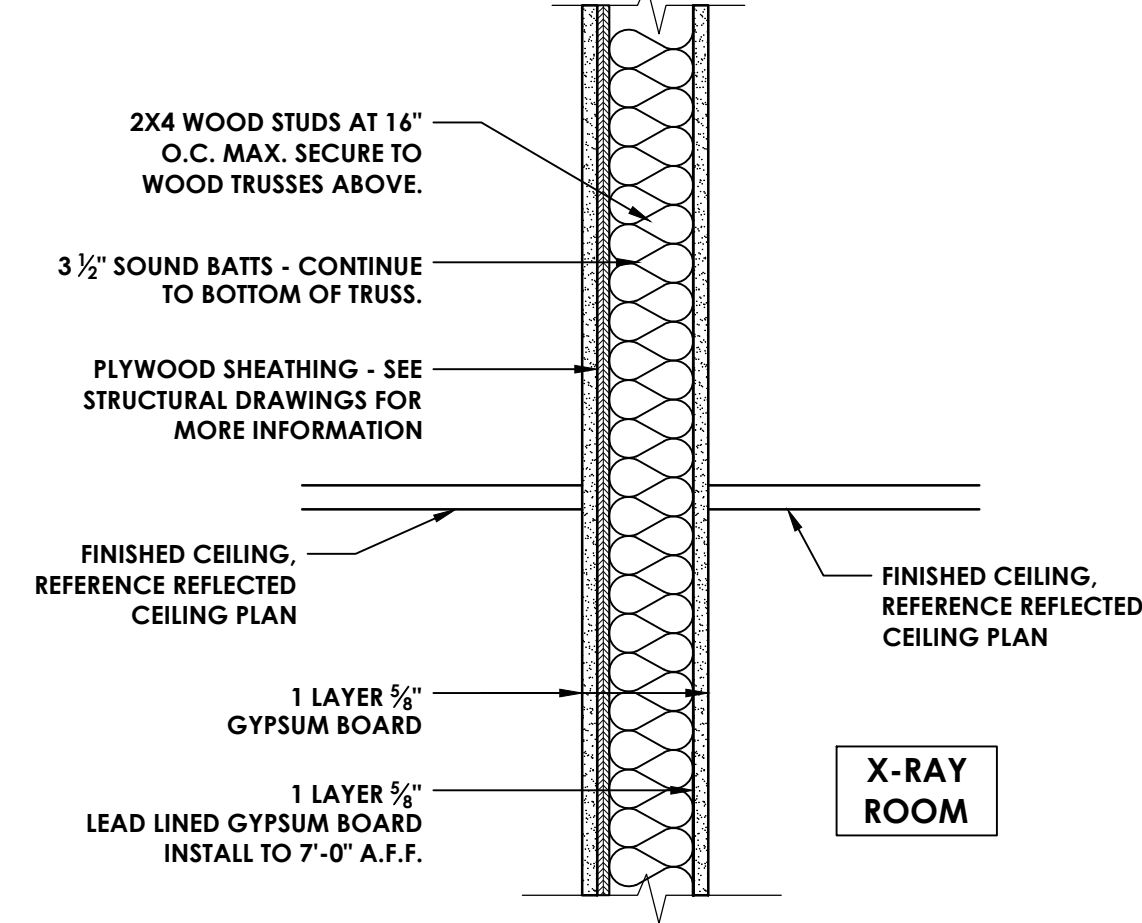
9 PLAN DETAIL
Scale: 1-1/2" = 1'-0"



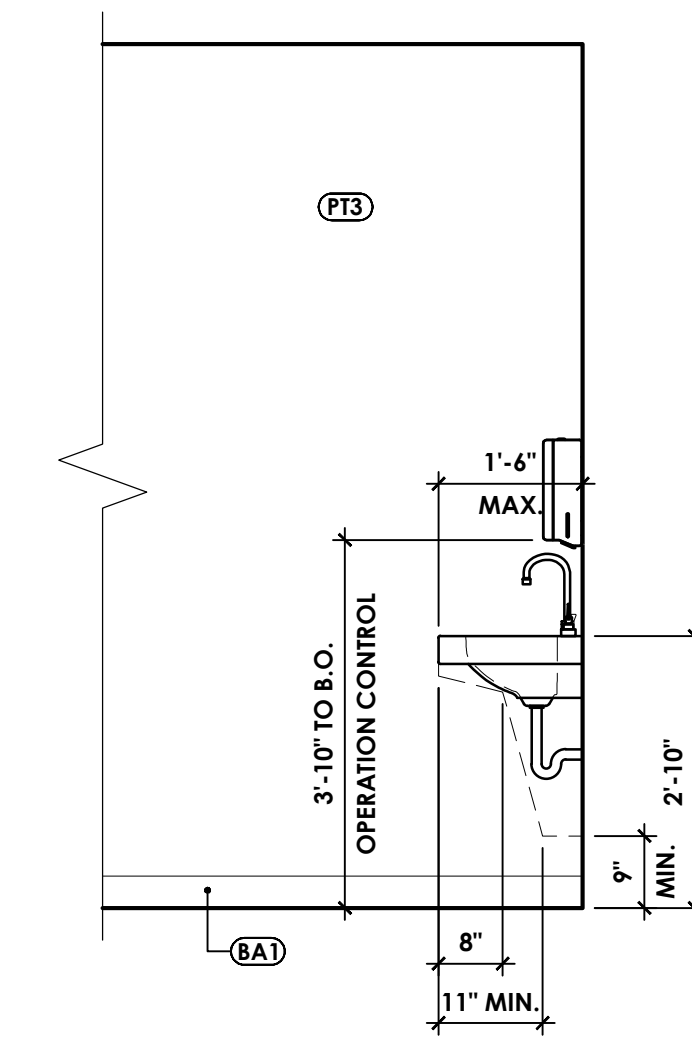
8 PLAN DETAIL
Scale: 1-1/2" = 1'-0"



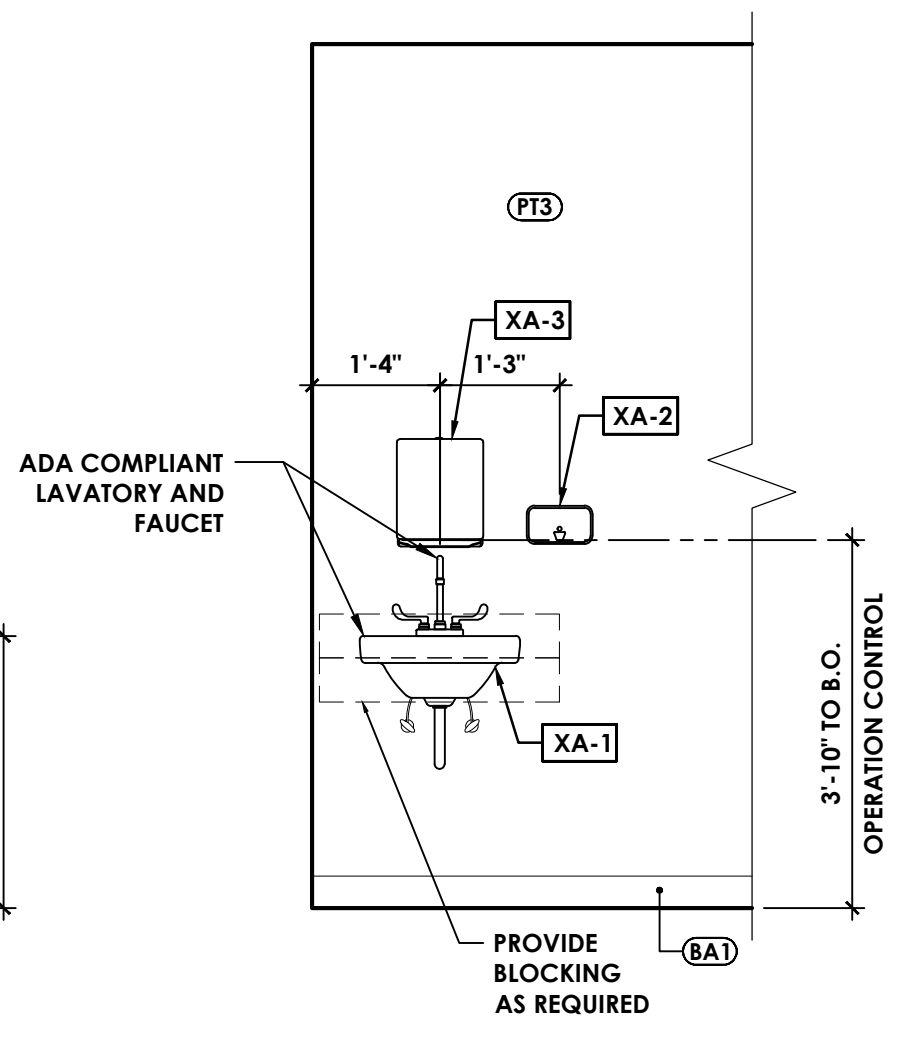
7 PLAN DETAIL
Scale: 1-1/2" = 1'-0"



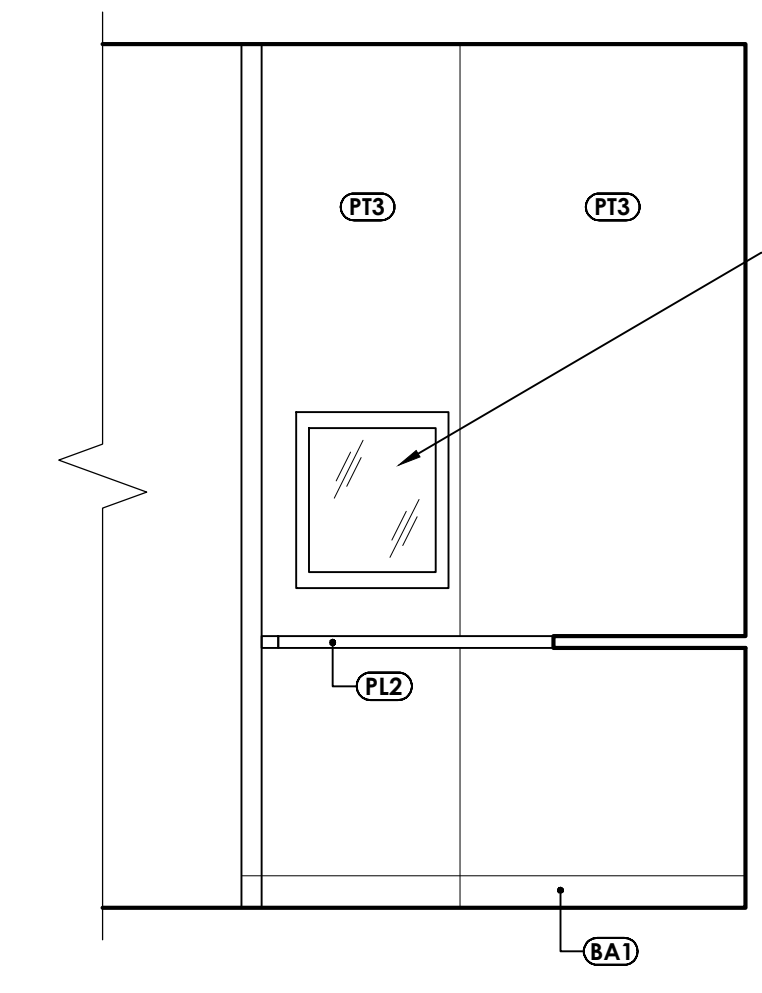
6 SECTION DETAIL
Scale: 1-1/2" = 1'-0"



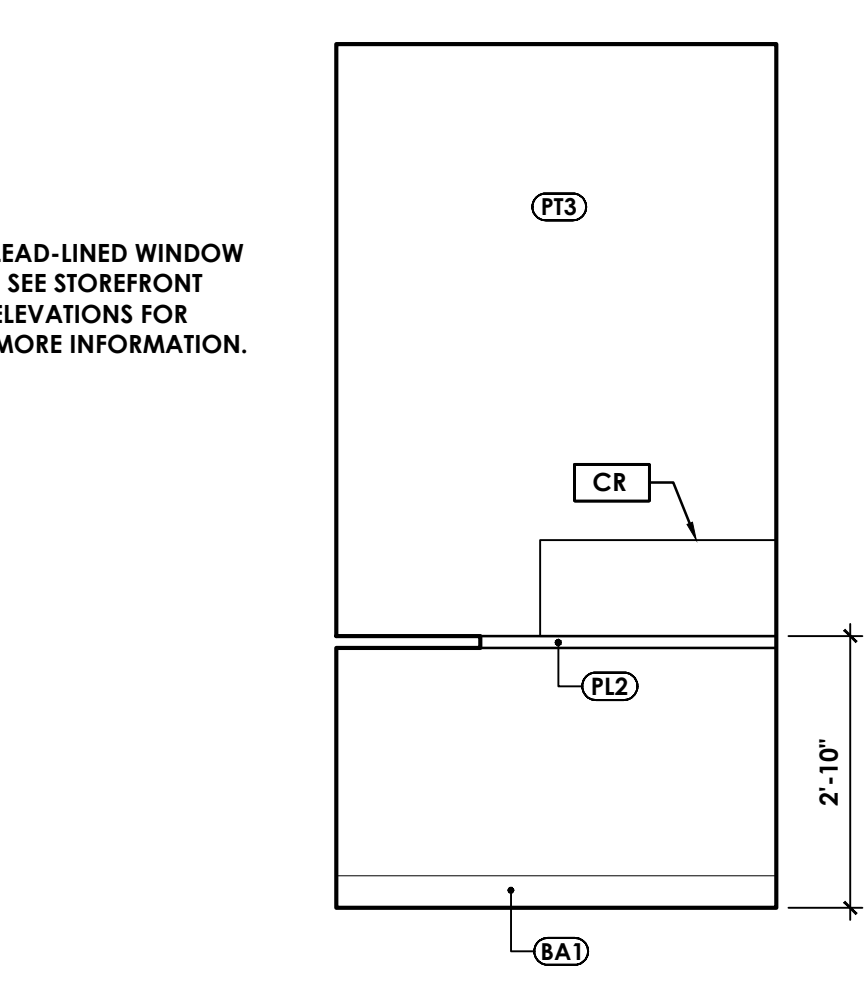
5 LAVATORY ELEV.
Scale: 1/2" = 1'-0"



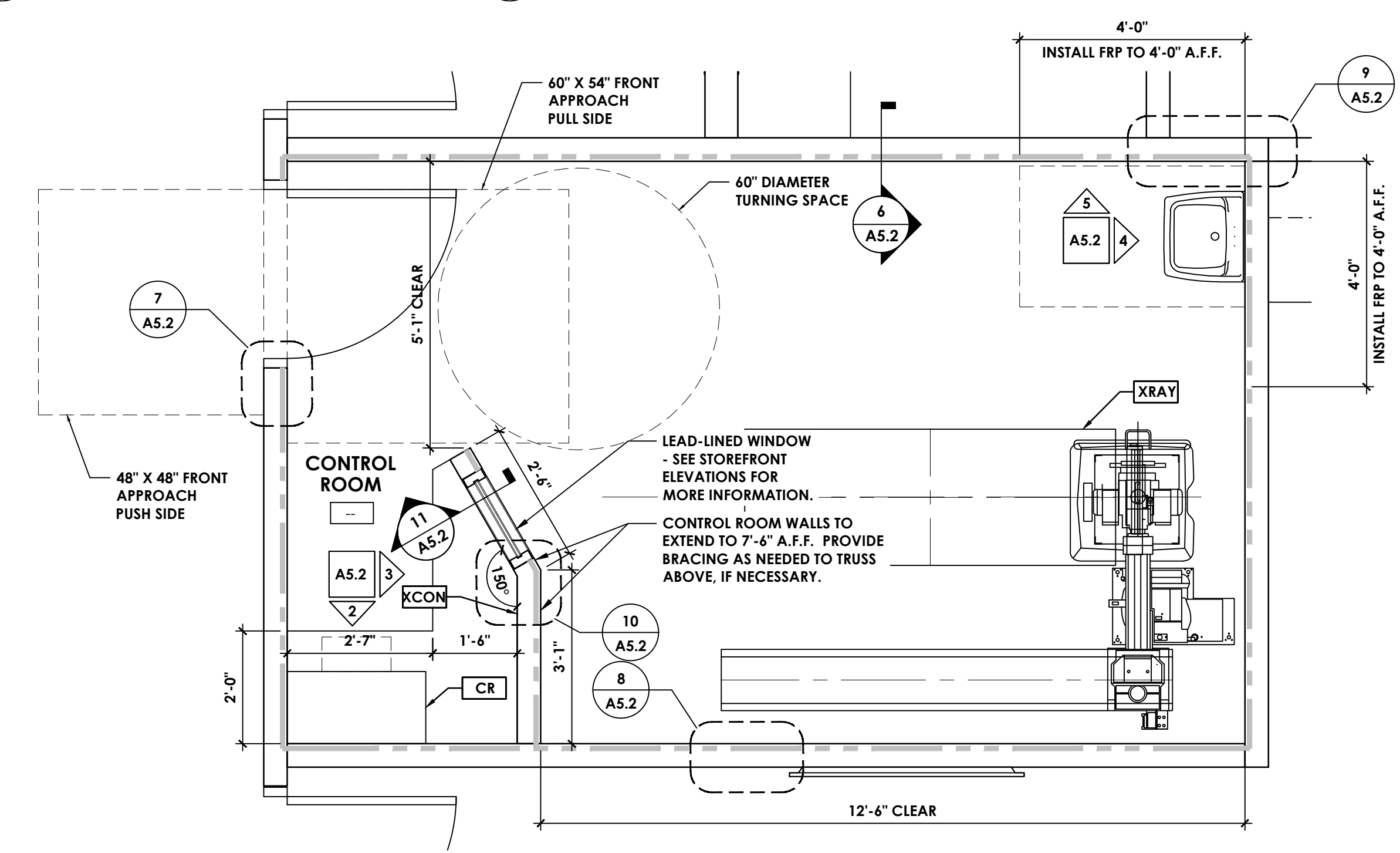
4 LAVATORY ELEV.
Scale: 1/2" = 1'-0"



3 CONTROL ROOM ELEV.
Scale: 1/2" = 1'-0"



2 CONTROL ROOM ELEV.
Scale: 1/2" = 1'-0"



1 X-RAY ROOM
Scale: 1/2" = 1'-0"

NOTE: VARYING THICKNESSES OF LEAD IN LEAD-LINED WALLS TO BE CALCULATED BY PHYSICIST AND PROVIDED BY TENANT.

NOTE: REFERENCE LEAD-LINED WALLS DETAILS FOR MORE INFORMATION.

NOTE: X-RAY EQUIPMENT SHOWN FOR REFERENCE ONLY. COORDINATE WITH EQUIPMENT VENDOR FOR INSTALLATION REQUIREMENTS. REFERENCE ELECTRICAL FOR MORE INFORMATION.

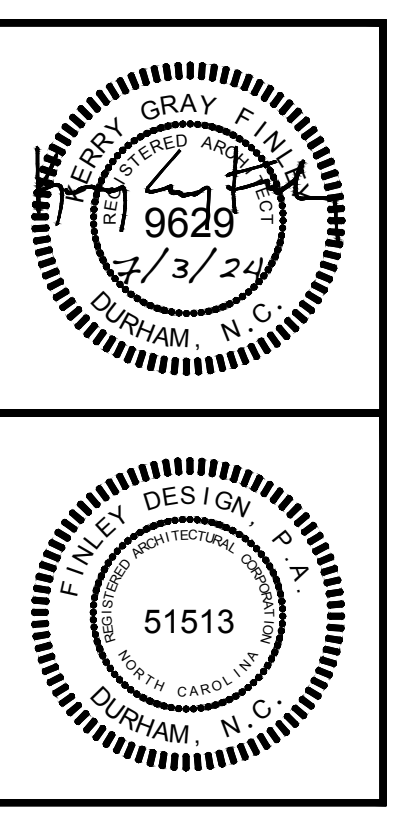
- ELEVATION NOTES**
- DO NOT SCALE ELEVATIONS. REFERENCE PLAN AND WALL SECTIONS FOR MORE INFORMATION.
 - SEE FINISH SCHEDULE FOR MORE INFORMATION.

MATERIAL LEGEND

BA1	WALL BASE - RUBBER
FRP1	FIBERGLASS REINFORCED PLASTIC - PLAIN
FRP2	FIBERGLASS REINFORCED PLASTIC - SUBWAY TILE LOOK
FRP3	FIBERGLASS REINFORCED PLASTIC - LARGE VERTICAL
PL2	PLASTIC LAMINATE - MARBLE-LOOK
PT1	PAINT - WHITE SEMIGLOSS
PT2	PAINT - TAUPE
PT3	PAINT - BEIGE
PT5	PAINT - TAUPE SEMIGLOSS
WC1	WALL COVERING - WOVEN WOOD
WC2	WALL COVERING - CHEVRON GRASS TEXTURE
WC3	WALL COVERING - SPONGE TEXTURE
WC4	WALL COVERING - PROTECTIVE WAINSCOT



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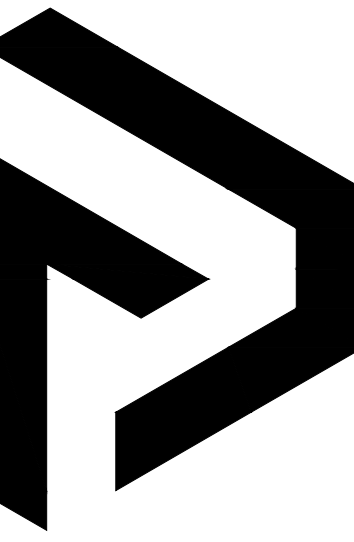
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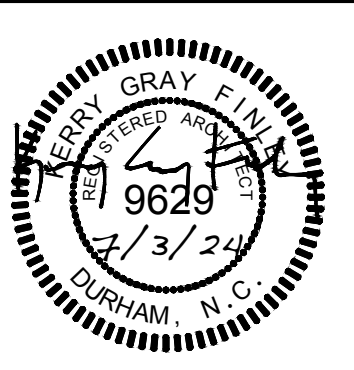
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ENLARGED PLANS AND ELEVATIONS
A5.2



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REFLECTED CEILING PLAN

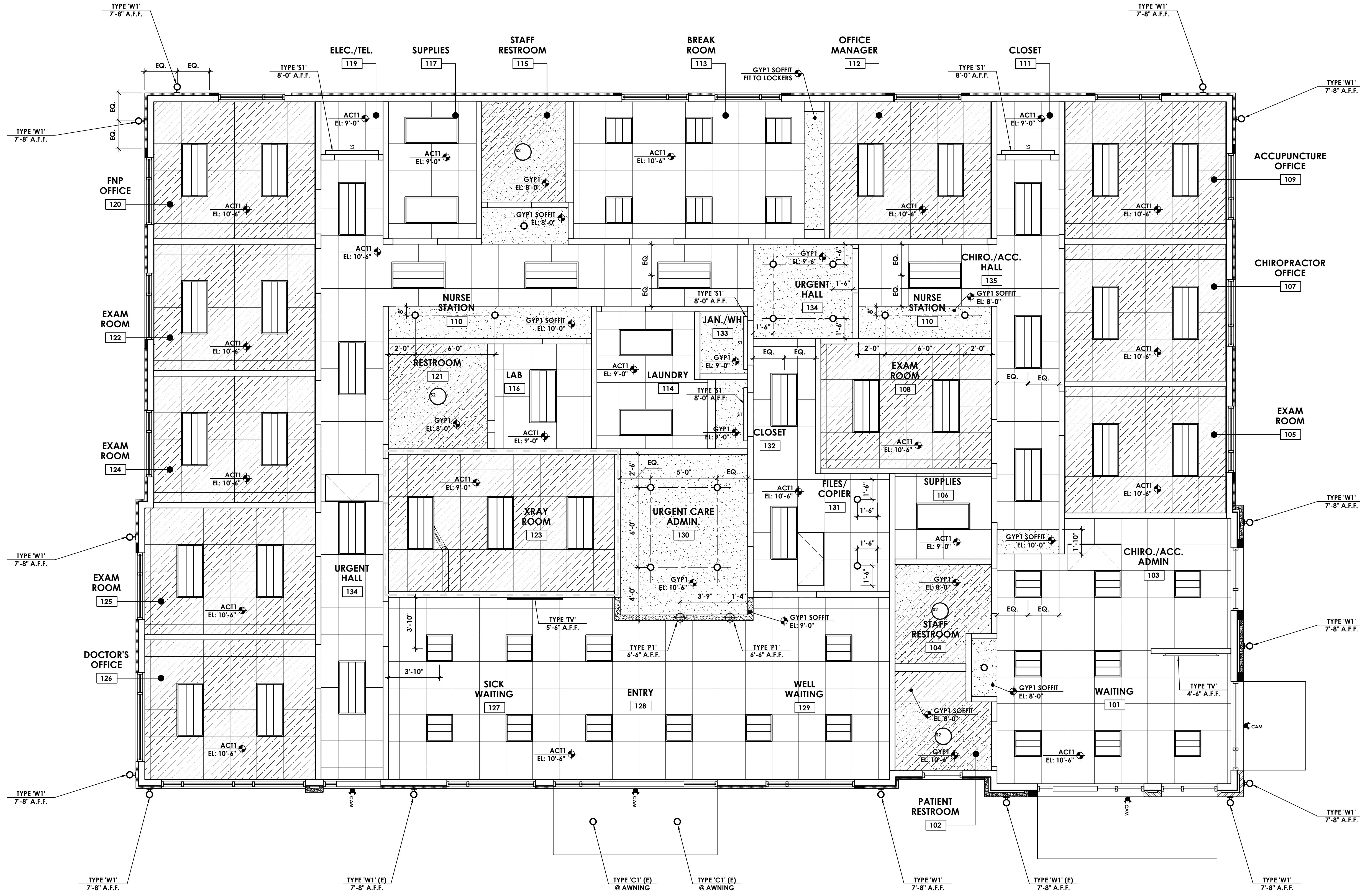
A6.0

EXTERIOR FIXTURES	
○	LIGHT FIXTURE TYPE - C1 FLUSH-MOUNT CEILING - WAC LIGHTING - TUBE - 5" CEILING MOUNT 3000K - FM-W2605-AL
⊗	LIGHT FIXTURE TYPE - W1 WALL UP/DOWN - WAC LIGHTING - CALIBER - WS-W36614-AL
CAM	FIXTURE TYPE - CAM SECURITY CAMERA CONDUIT AND JUNCTION BOX - CAMERA TO BE PROVIDED AND INSTALLED BY OWNER

INTERIOR FIXTURES	
	LIGHT FIXTURE TYPE - L1 LAY-IN 2X4 DIRECT-INDIRECT - LITHONIA - AVANTE LED RECESSED DIRECT-INDIRECT - 2AVL4 3000K
	LIGHT FIXTURE TYPE - L2 LAY-IN 2X2 DIRECT-INDIRECT - LITHONIA - AVANTE LED RECESSED DIRECT-INDIRECT - 2AVL2 3000K
	LIGHT FIXTURE TYPE - L3 LAY-IN 2X4 DIRECT - LITHONIA - AVANTE LED RECESSED DIRECT - 2AVL4 3000K
	LIGHT FIXTURE TYPE - P1 PENDANT - SHADES OF LIGHT - LUCEREN PENDANT BRASS/MILK GLASS - PE23013 AB
○	LIGHT FIXTURE TYPE - R1 RECESSED ROUND WITH TRIM - WAC LIGHTING - 4" EQ ROUND DOWNLIGHT TRIM - R4FRD1-930-3000K-90-WT
	LIGHT FIXTURE TYPE - S1 SURFACE MOUNT UTILITY - LITHONIA - CLX - CLX48
	LIGHT FIXTURE TYPE - S2 SURFACE MOUNT DISC - WAC LIGHTING - ROUND LED FLUSH MOUNT - FM-15RN-930-WT
	ATTIC ACCESS DOOR DROP-GRID ACCESS DOOR - WILLIAMS BROTHERS - 24 X 48 ALUMINUM SUSPENDED CEILING T-BAR ACCESS DOOR - WB TB 1210 24X48

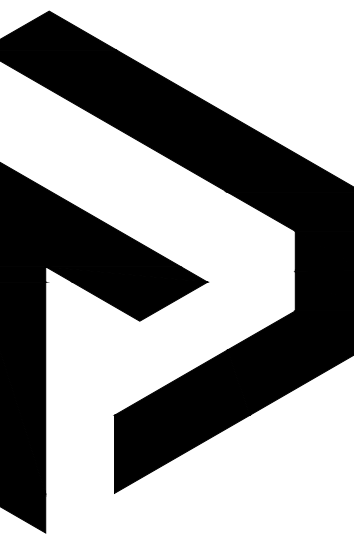
CEILING LEGEND	
	ACT1 2 X 2 ACOUSTIC CEILING TILE GRID: PRELUDE XL 1/2" EXPOSED TEE, WHITE, SUPPORT 4'-0" O.C.
	GYP1 PAINTED GYPSUM BOARD
	SOUND BATTS INSULATION ABOVE TRUSSES

RCP NOTES	
1.	LIGHT FIXTURES TO BE CENTERED ON SECTION OF WALL INDICATED UNLESS NOTED OTHERWISE.
2.	ELEVATIONS PROVIDED ARE TO CENTERLINE OF FIXTURE.
3.	FIXTURES WITH (E) DESIGNATION TO BE ON EMERGENCY CIRCUIT WITH BATTERY BACKUP.
4.	REFERENCE ELECTRICAL DRAWINGS FOR MORE INFORMATION.
5.	FOR AWNING LOCATIONS, SEE FLOOR PLAN.
6.	ATTIC ACCESS DOORS TO BE 20" X 30" MINIMUM.

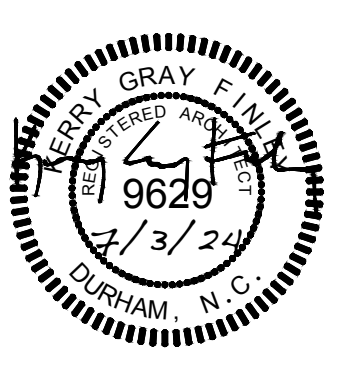


1 REFLECTED CEILING PLAN
Scale: 1/4" = 1'-0"

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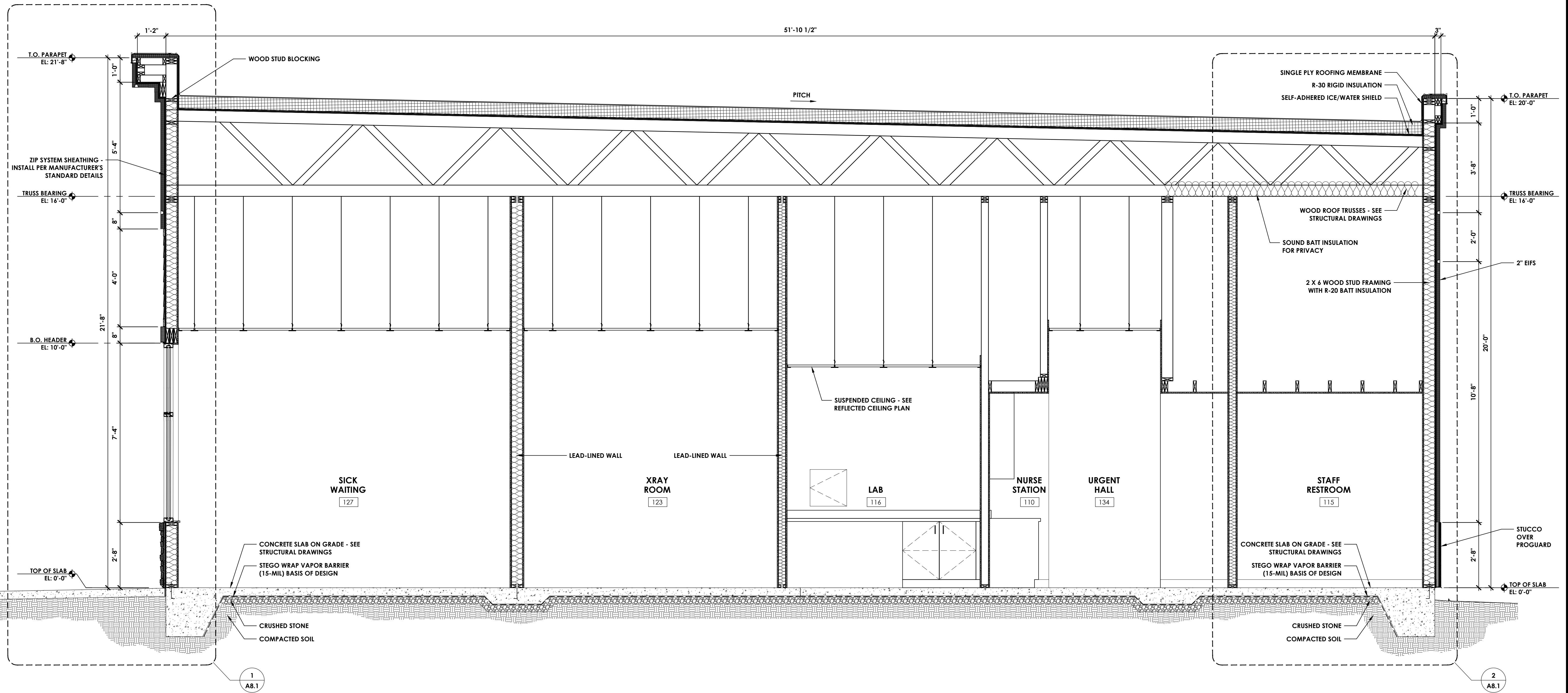
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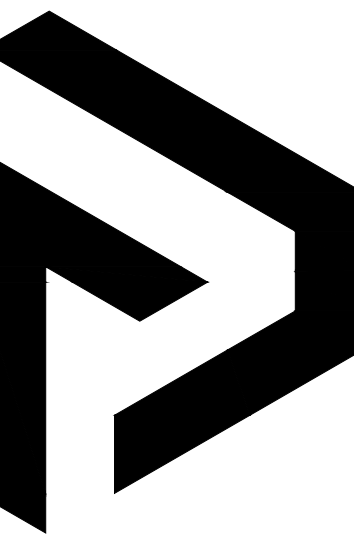
BUILDING SECTION

A7.0

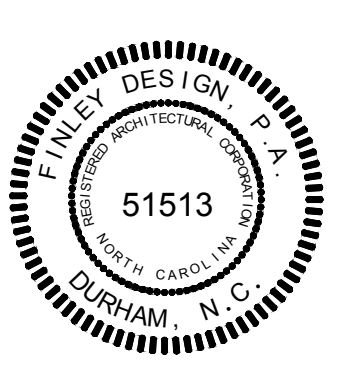
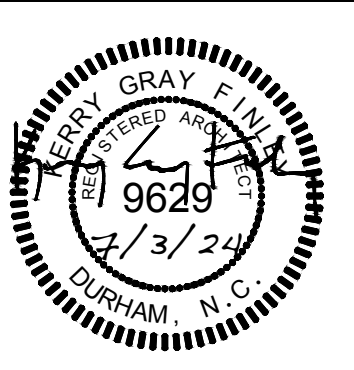


1 BUILDING SECTION
 Scale: 1/2" = 1'-0"

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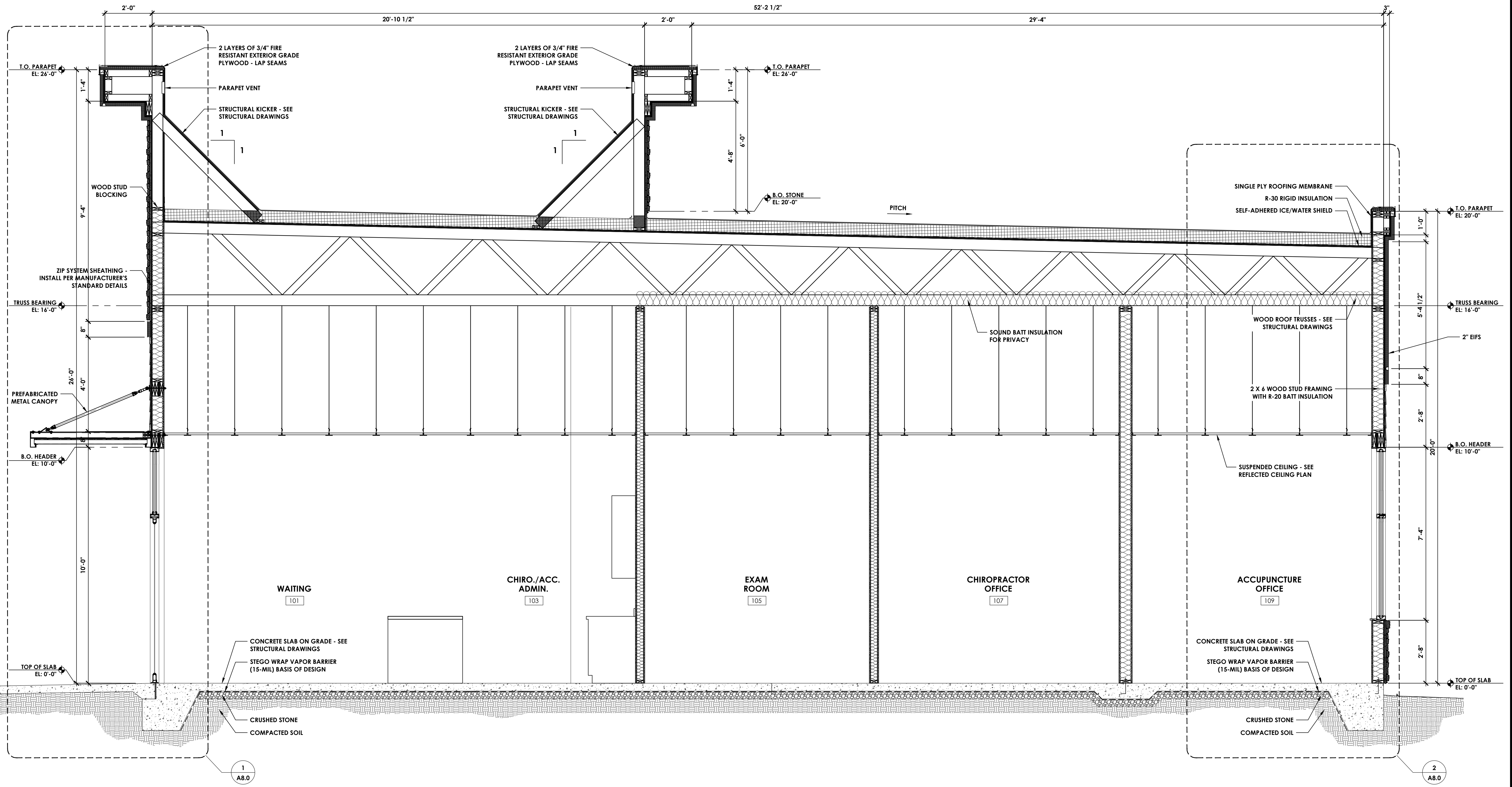
REVISIONS

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BUILDING SECTION

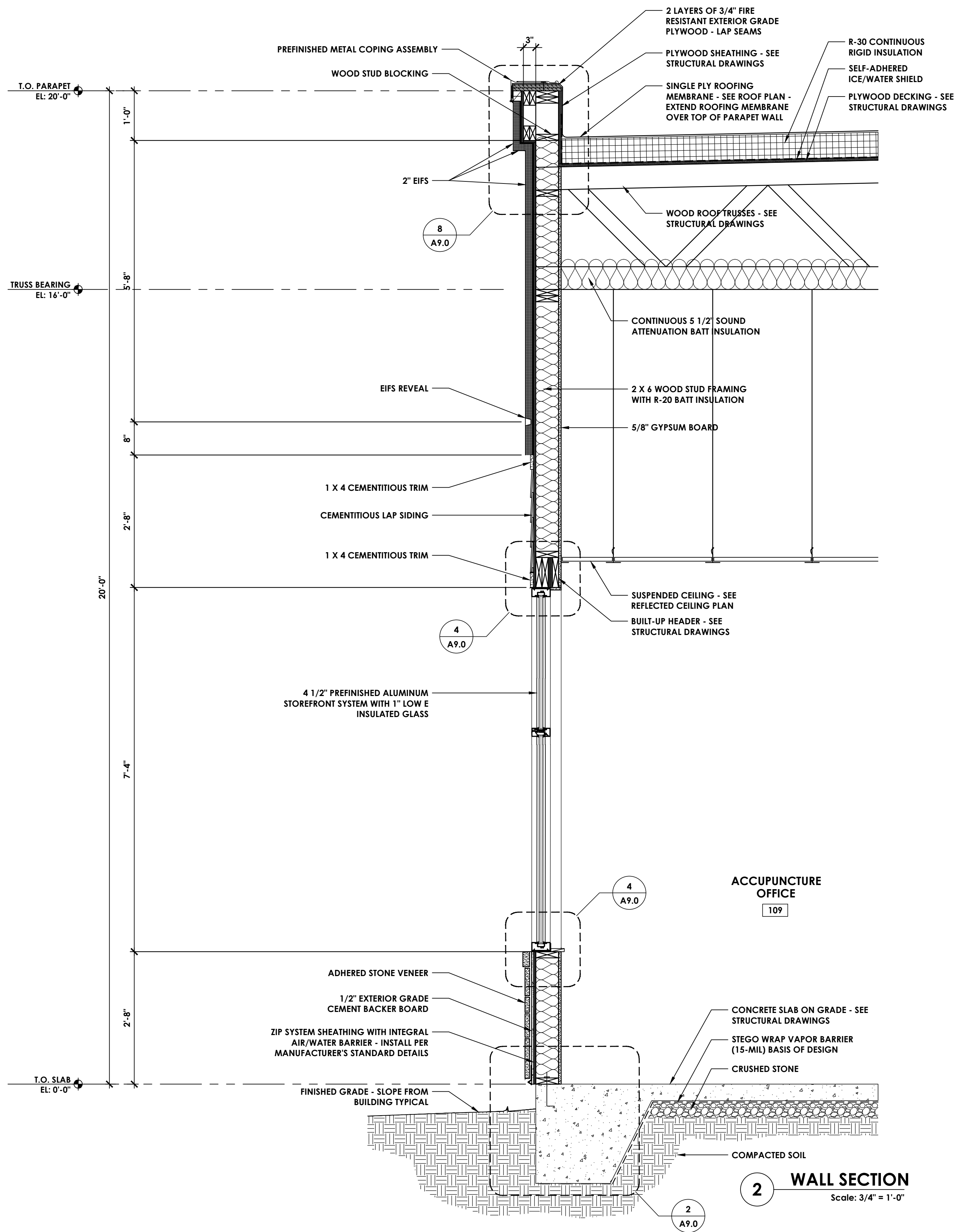
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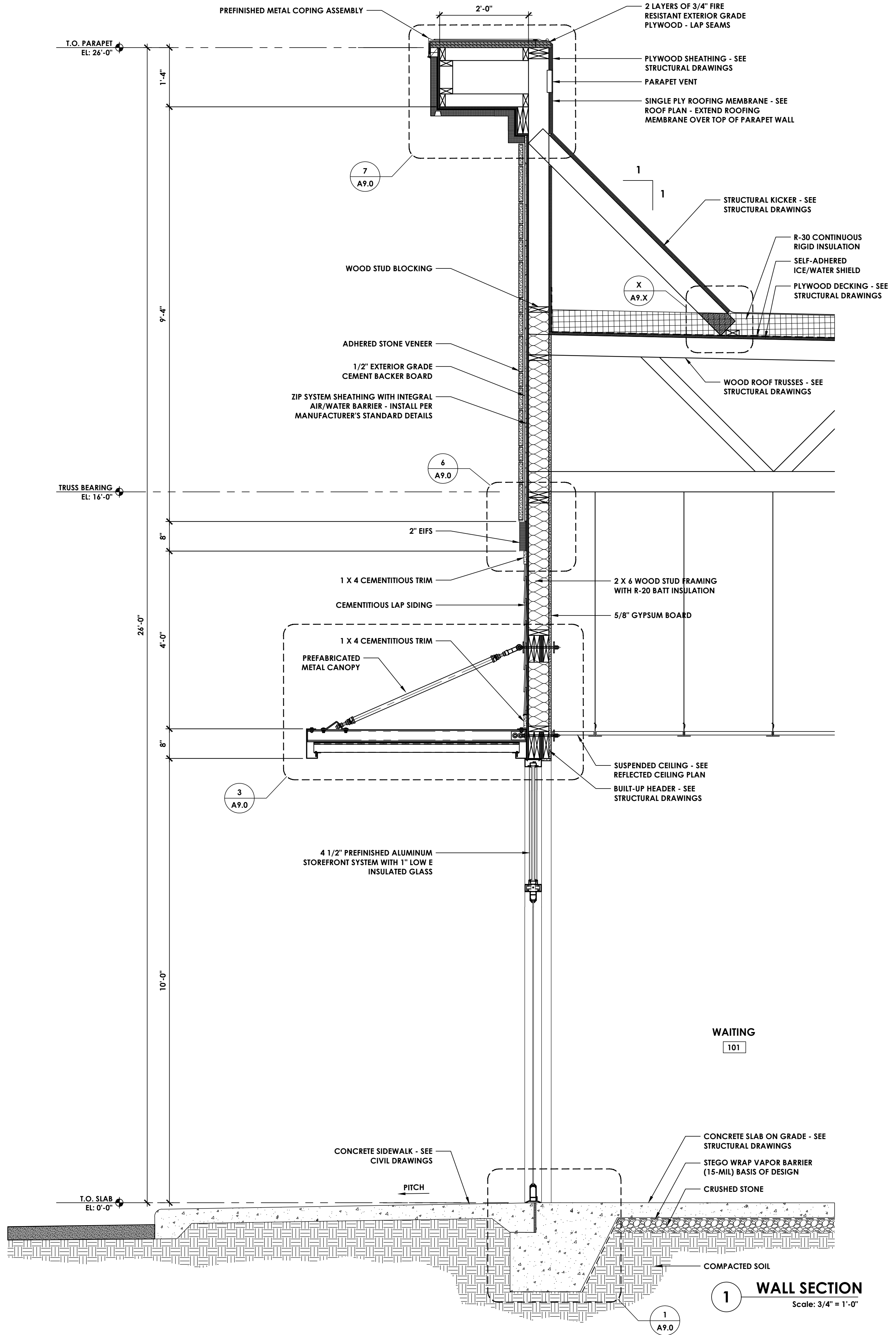
1 BUILDING SECTION
 Scale: 1/2" = 1'-0"

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/USERS/SHARED/FINLEY DESIGN/PROJECTS/2344 ANGIER MEDICAL/DRAWINGS/2344 B2 WALL SECTIONS.DWG



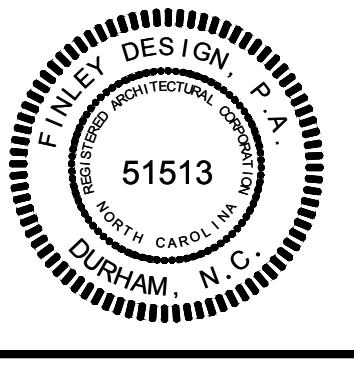
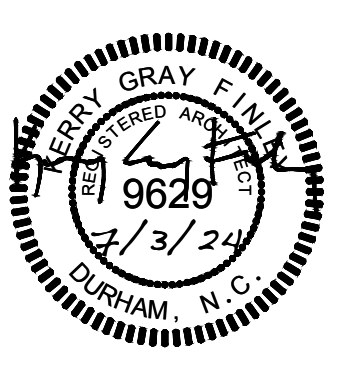
2 WALL SECTION
Scale: 3/4" = 1'-0"



1 WALL SECTION
Scale: 3/4" = 1'-0"



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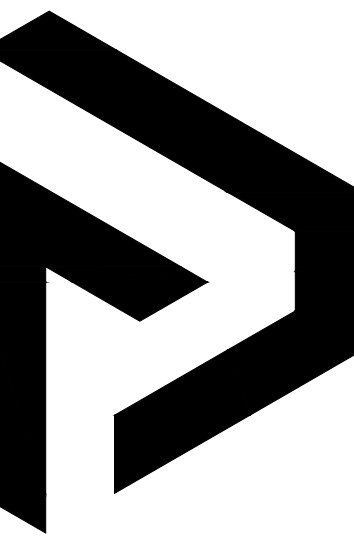
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NO.	DATE	DESCRIPTION

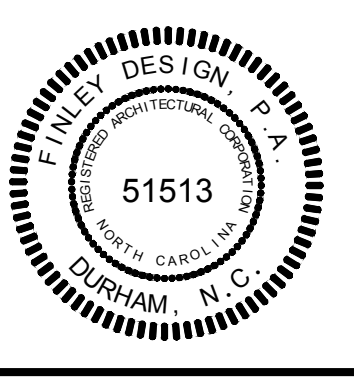
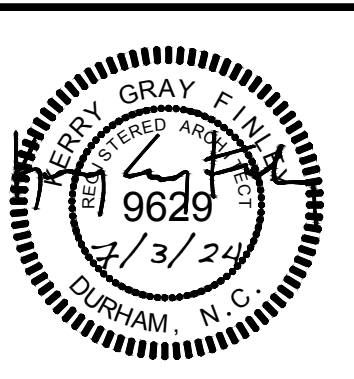
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WALL SECTIONS

A8.0



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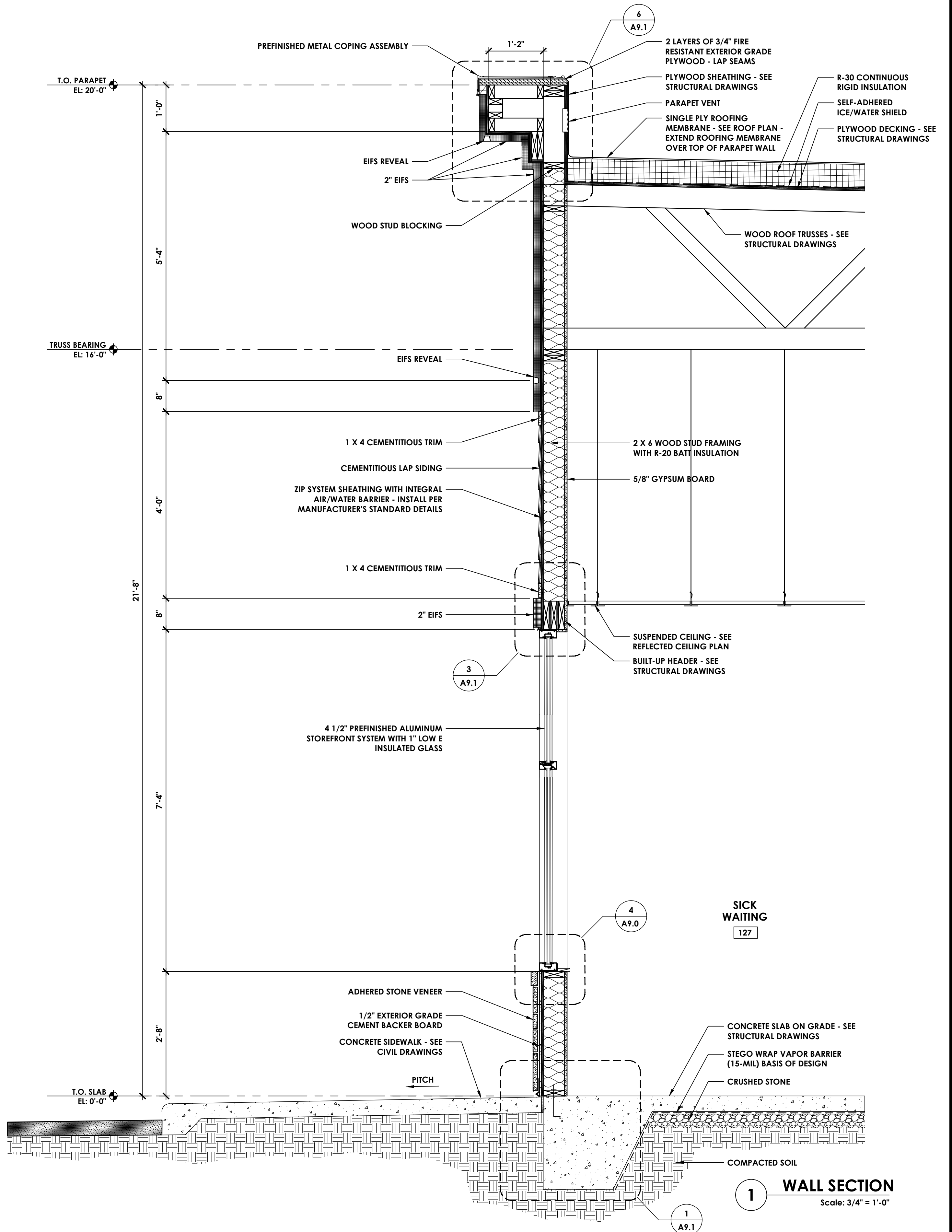
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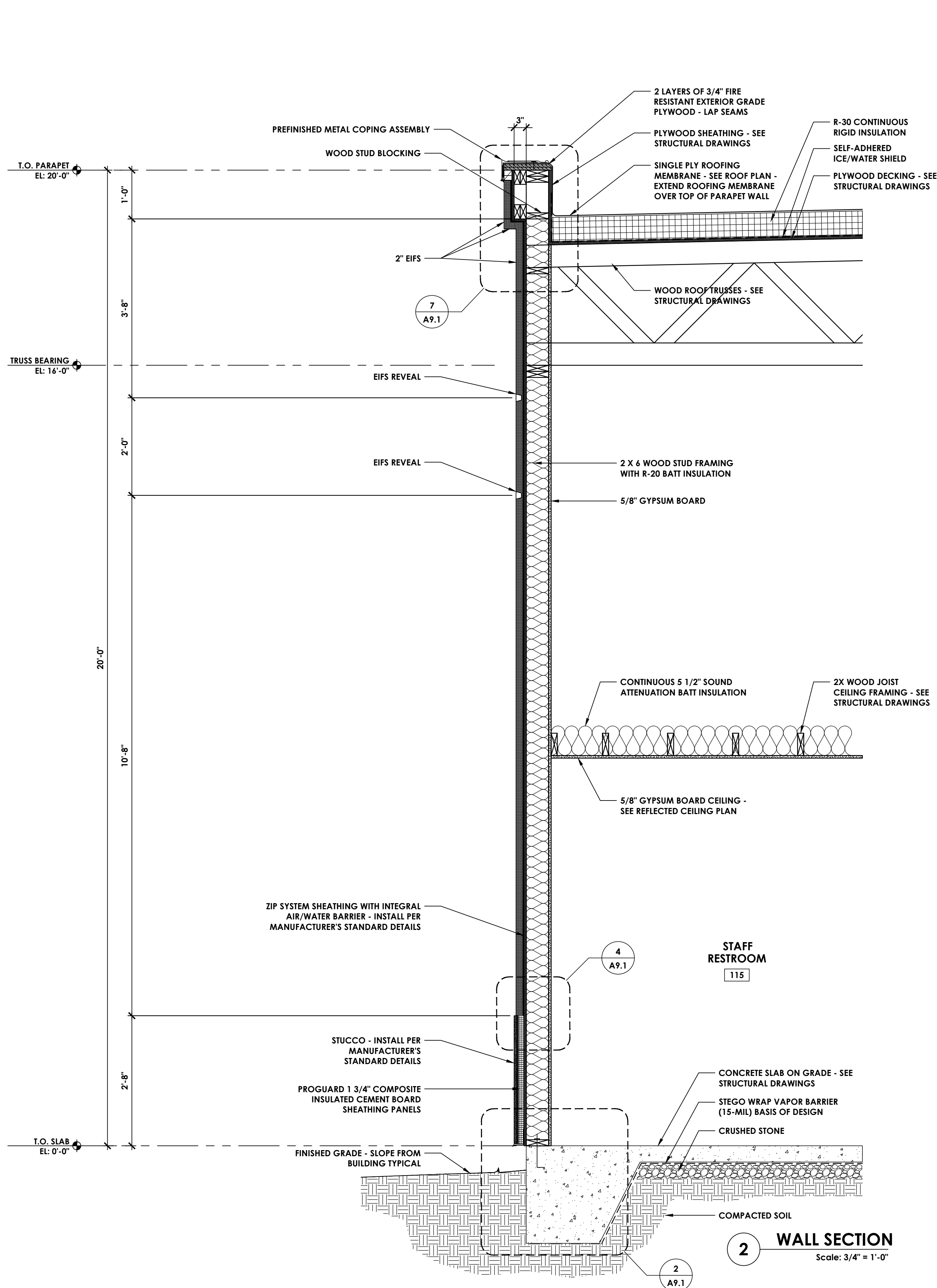
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WALL SECTIONS

A8.1

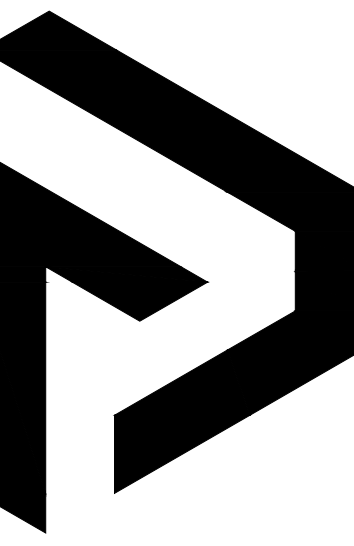


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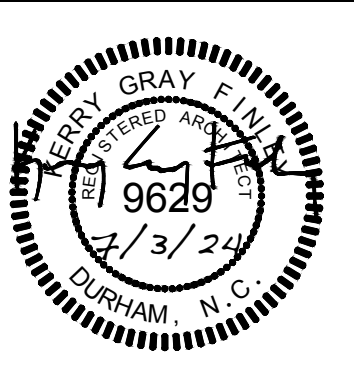


2 WALL SECTION
Scale: 3/4" = 1'-0"

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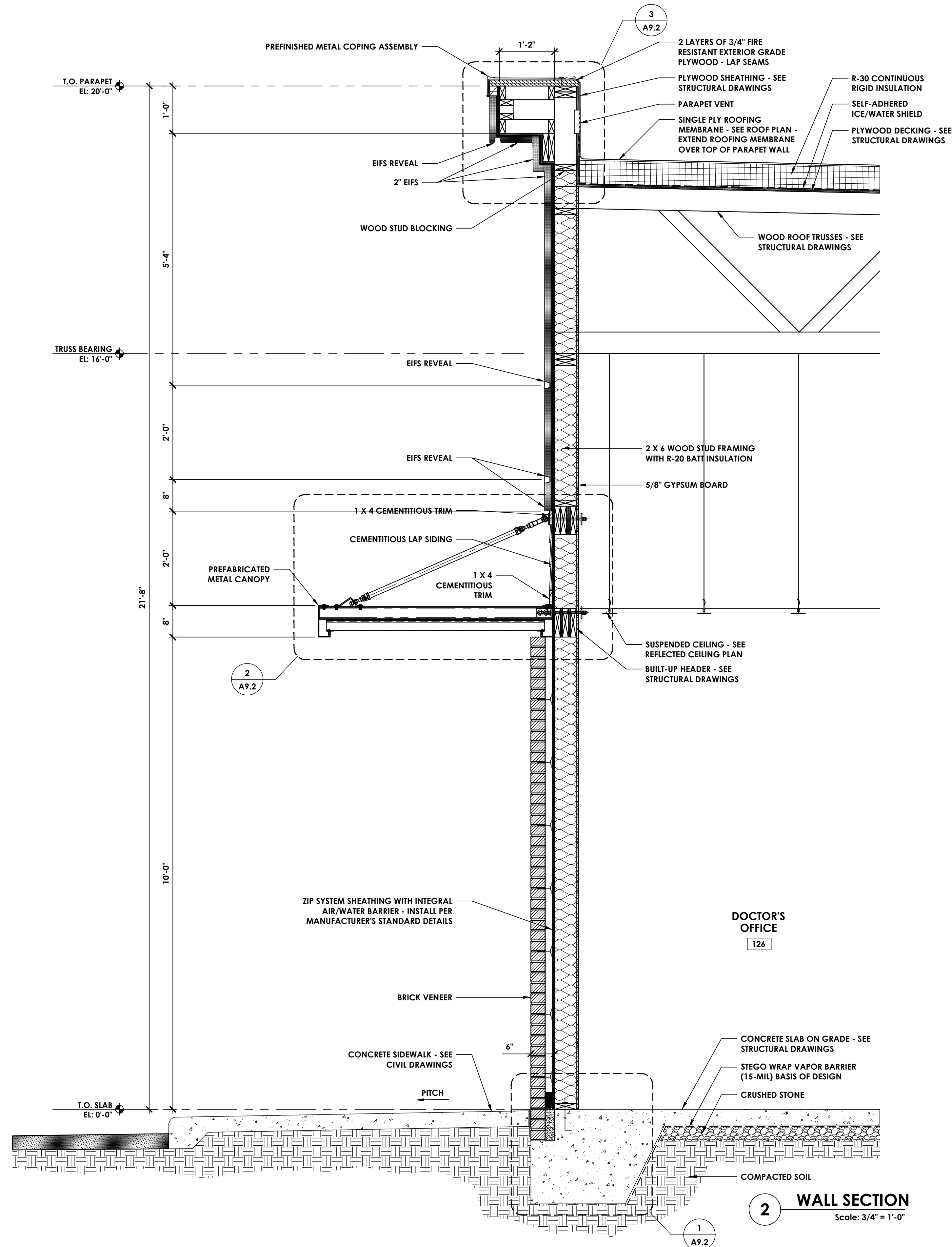
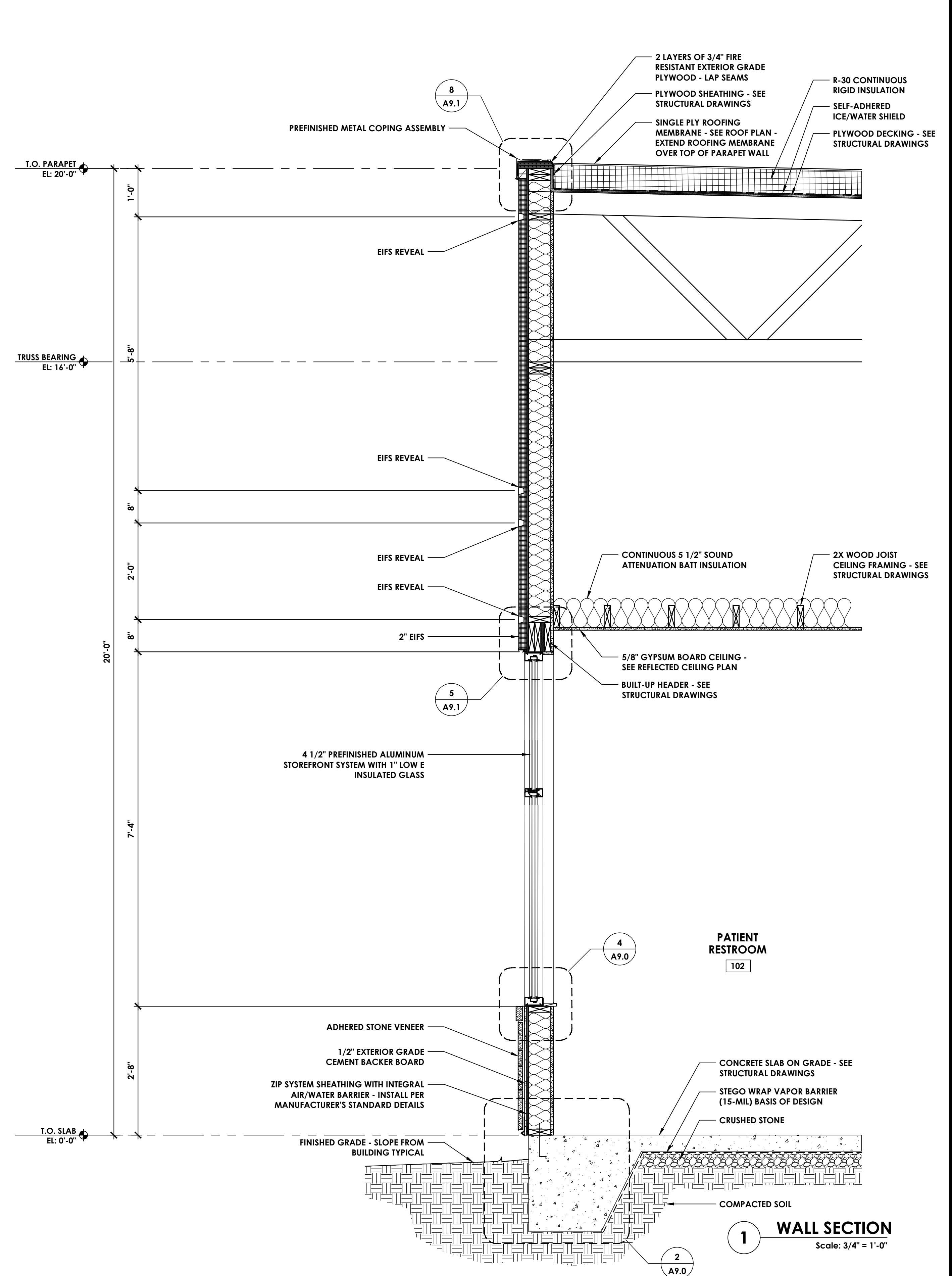
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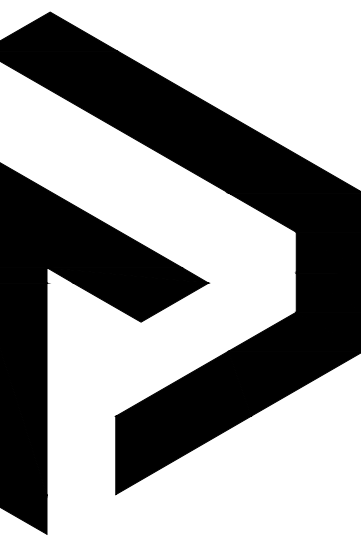
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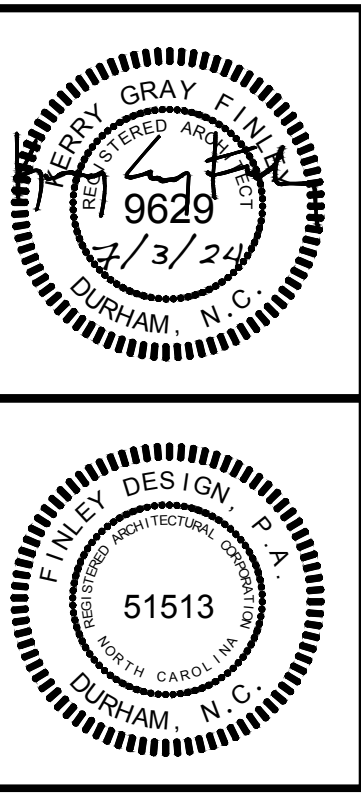
WALL SECTIONS

A8.2





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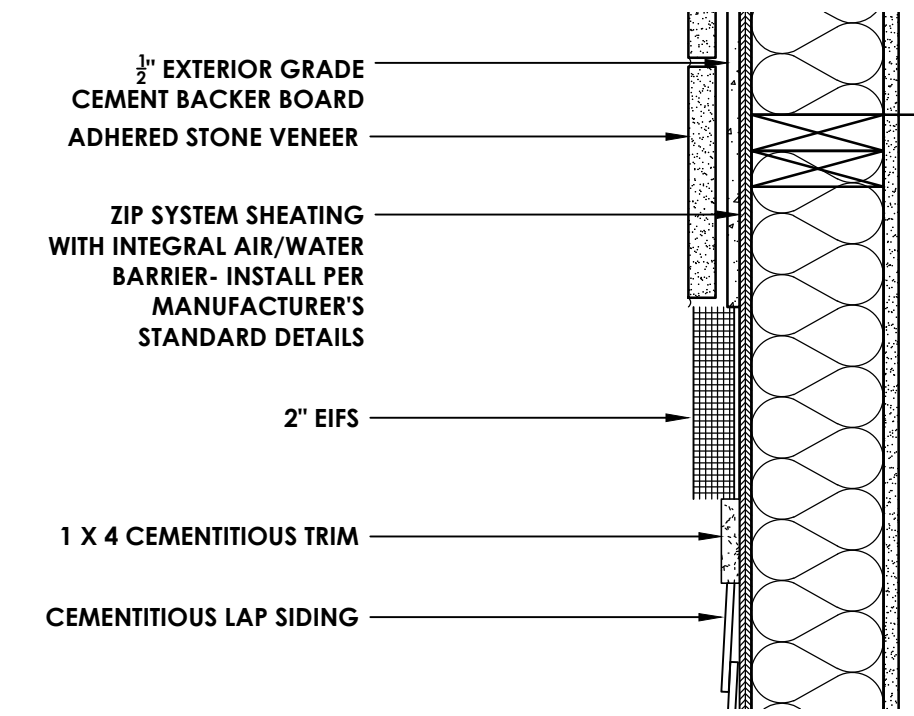
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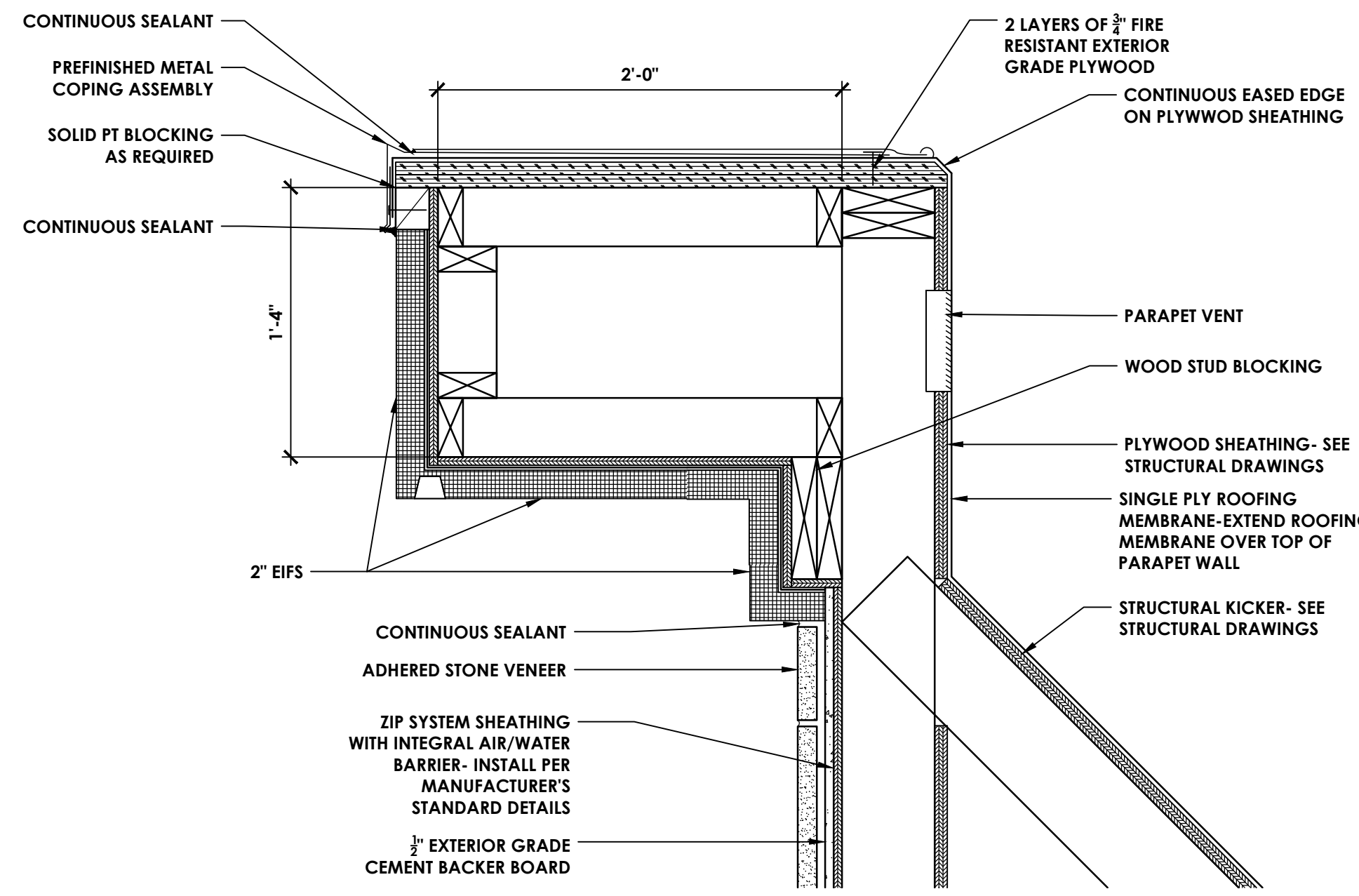
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SECTION DETAILS

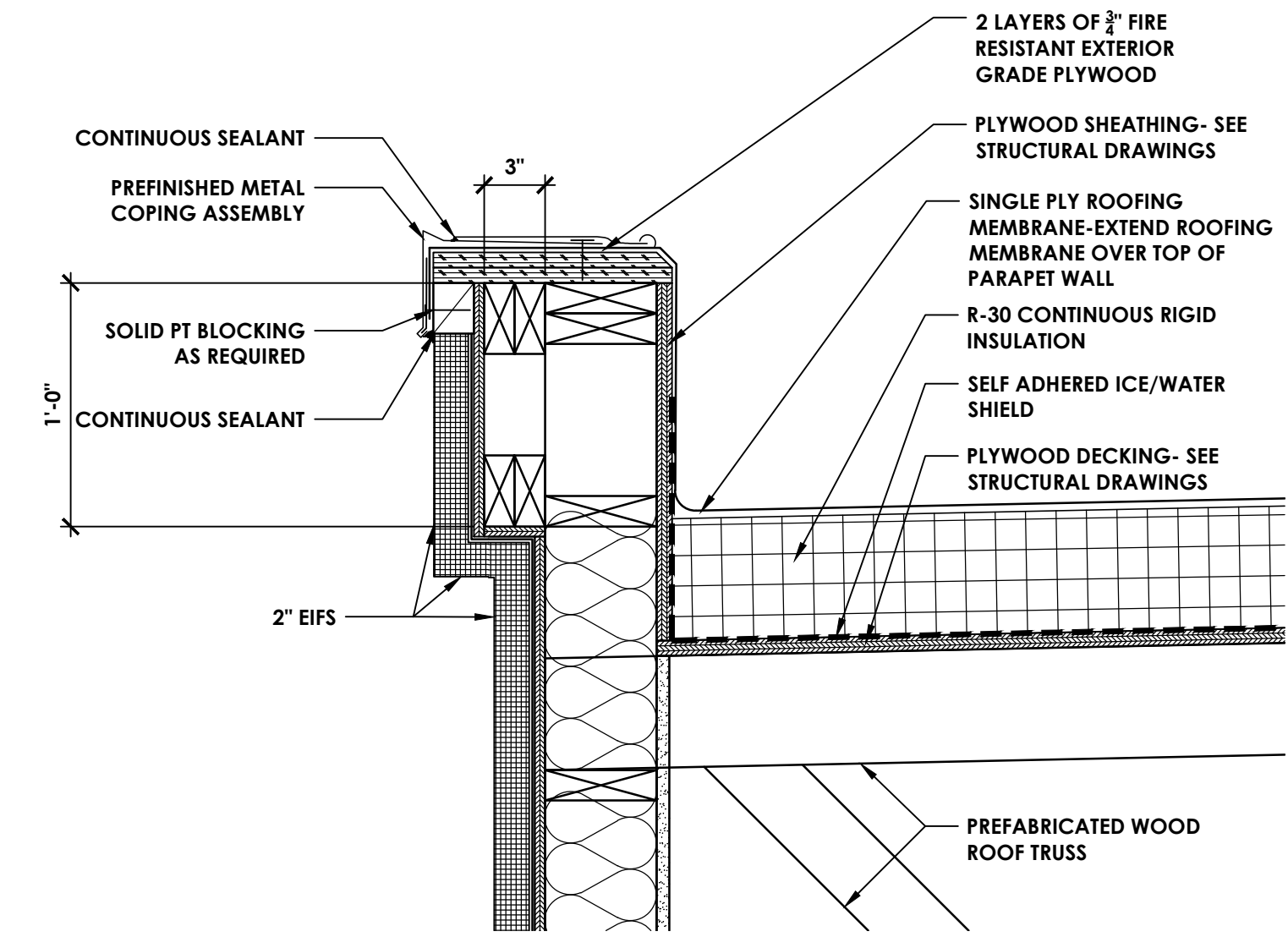
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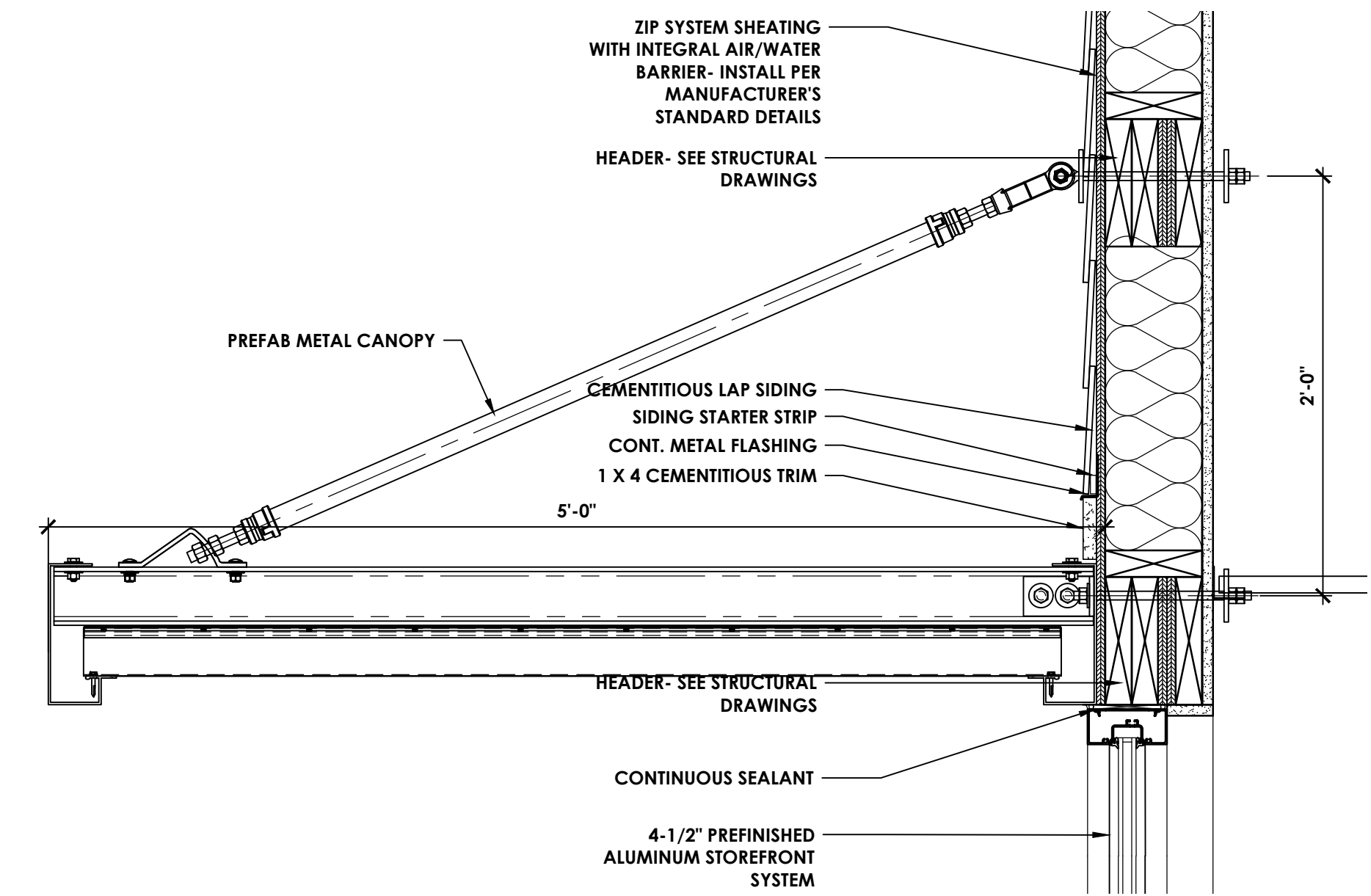
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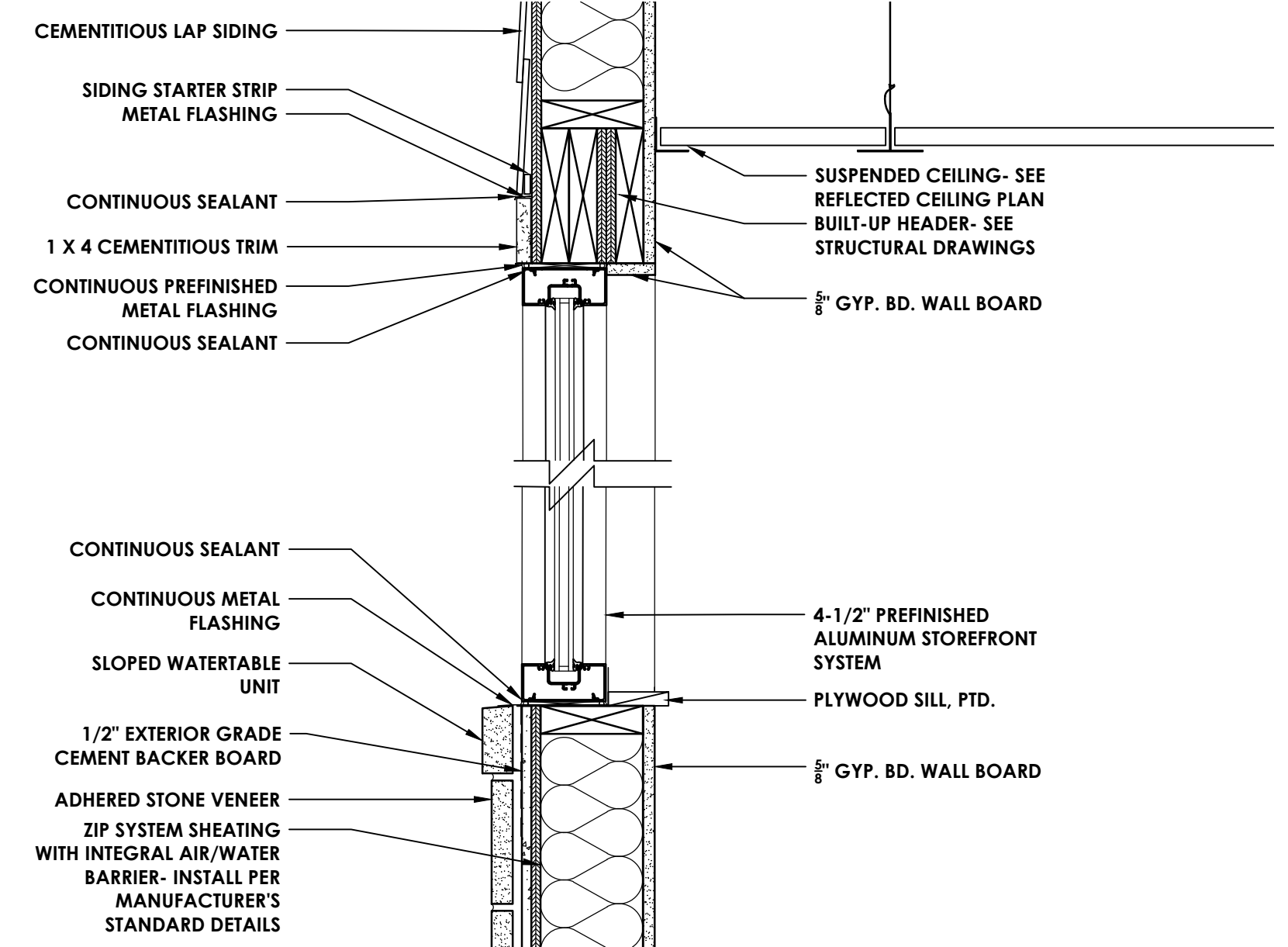
7 SECTION DETAIL
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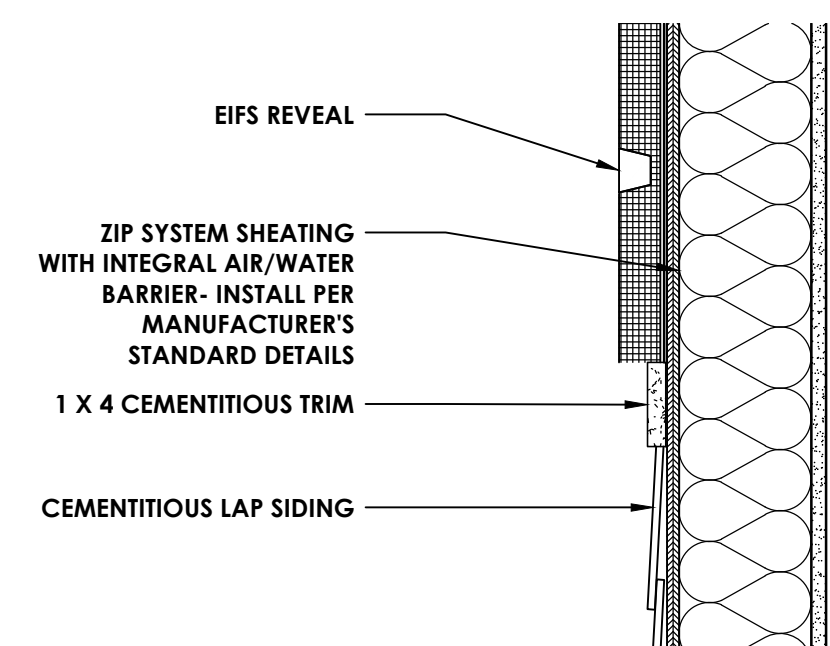
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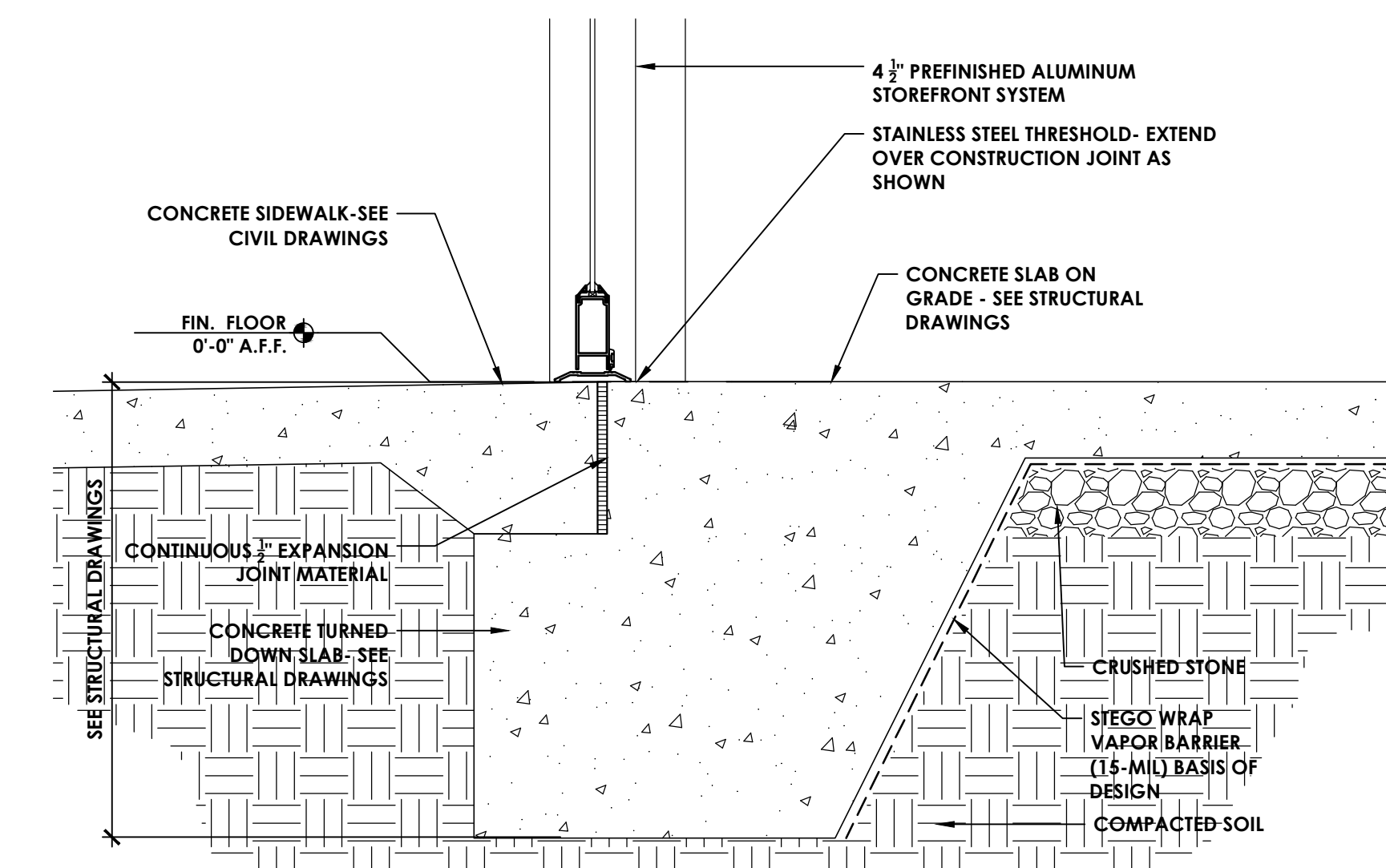
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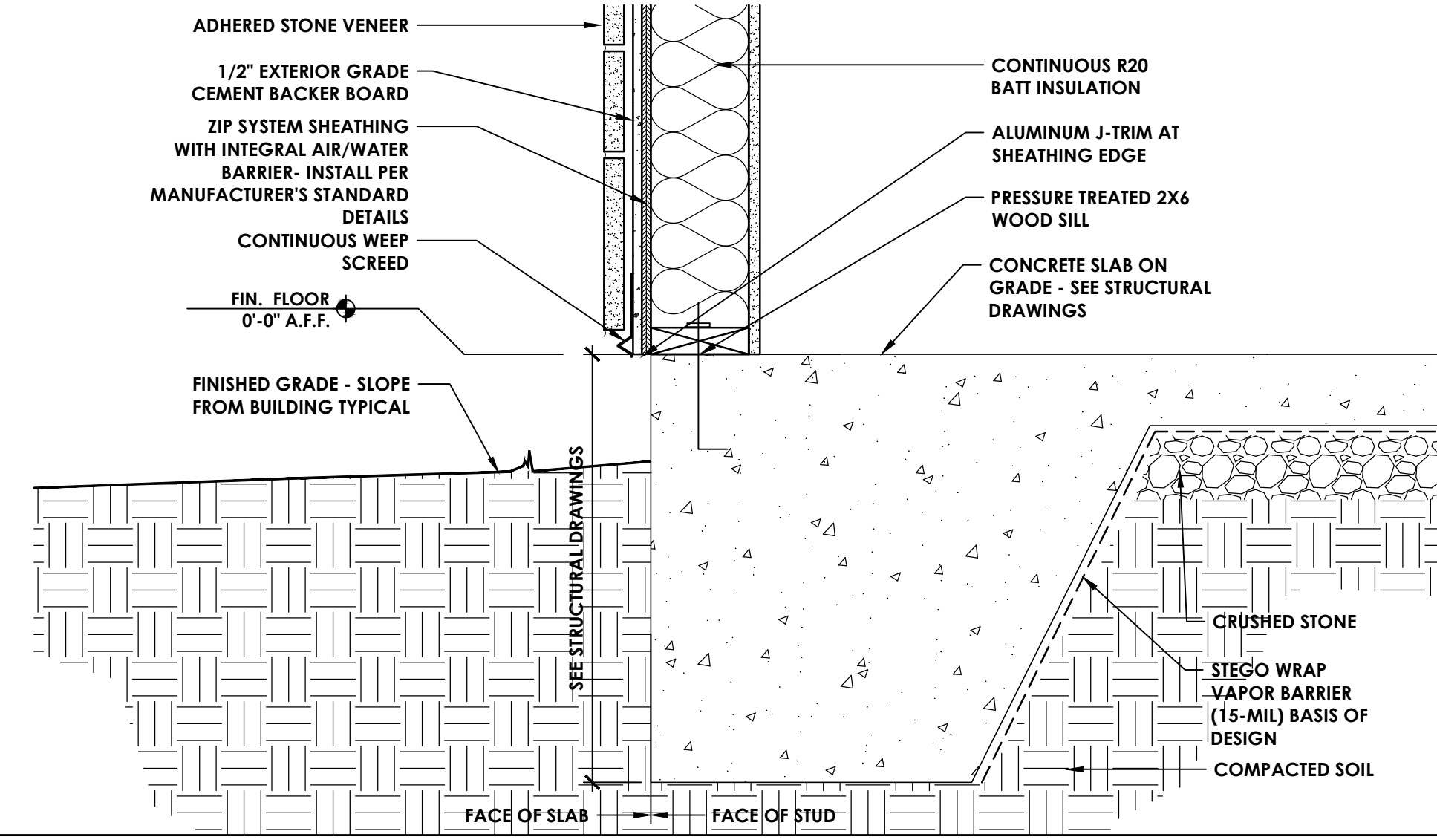
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5 SECTION DETAIL
Scale: 1-1/2" = 1'-0"

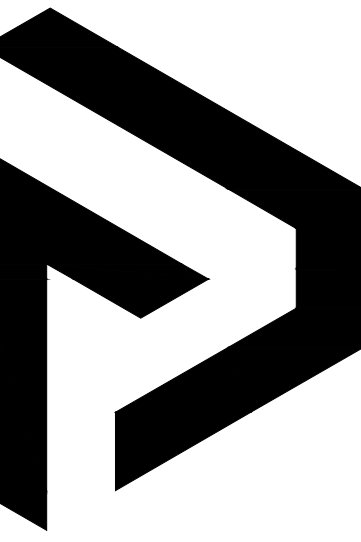


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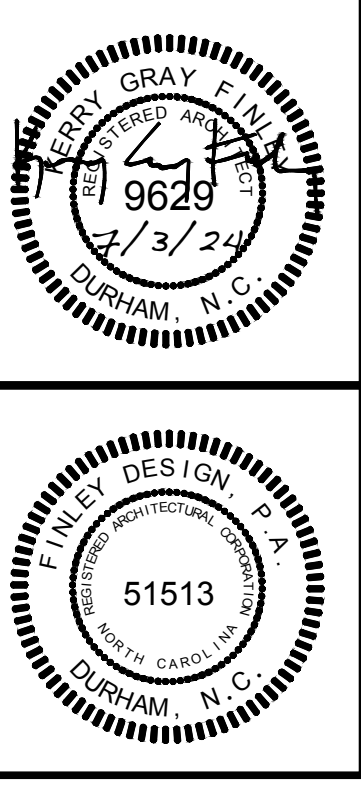


2 SECTION DETAIL
Scale: 1-1/2" = 1'-0"

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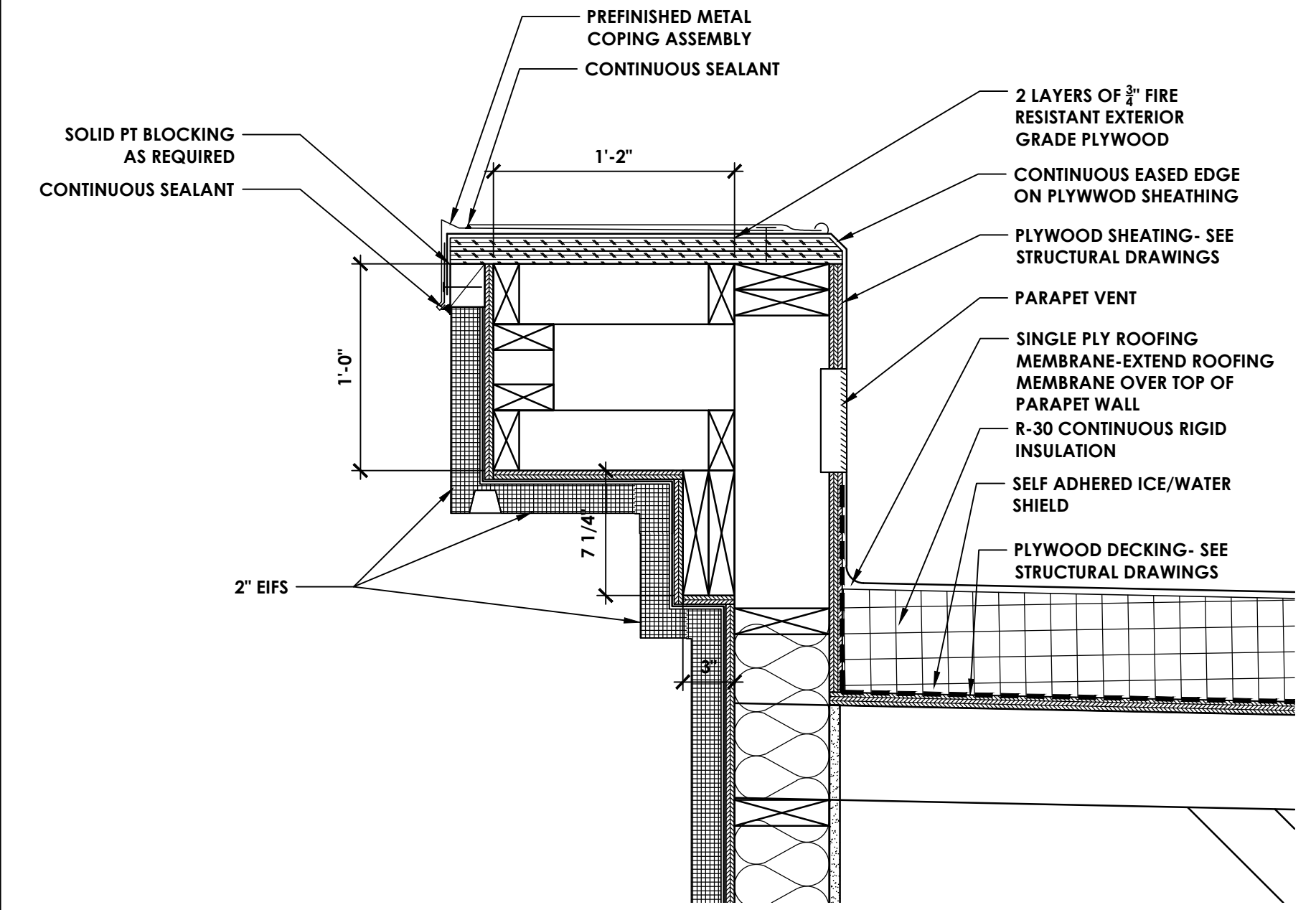
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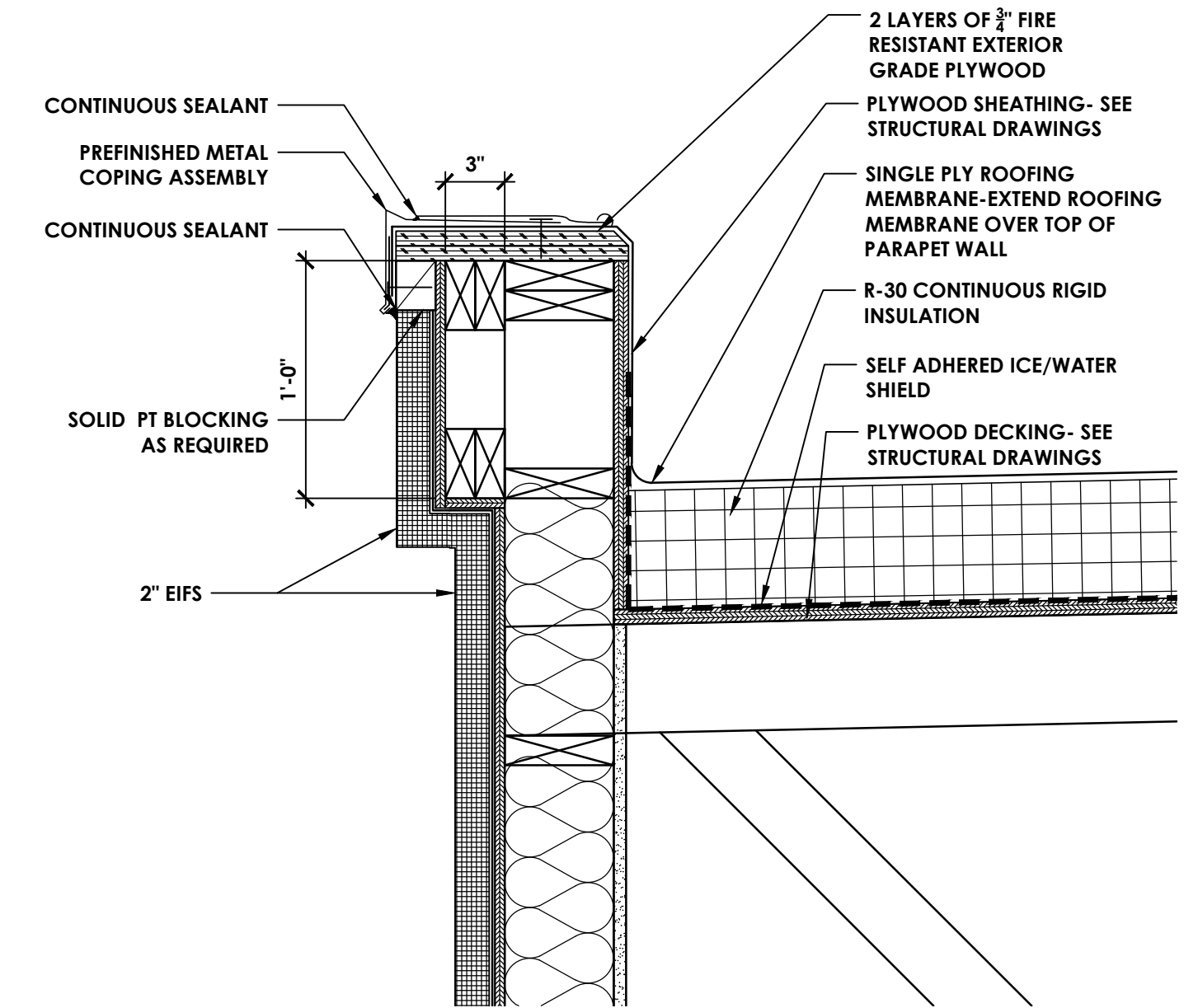
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DATE: 7/3/24
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SECTION DETAILS

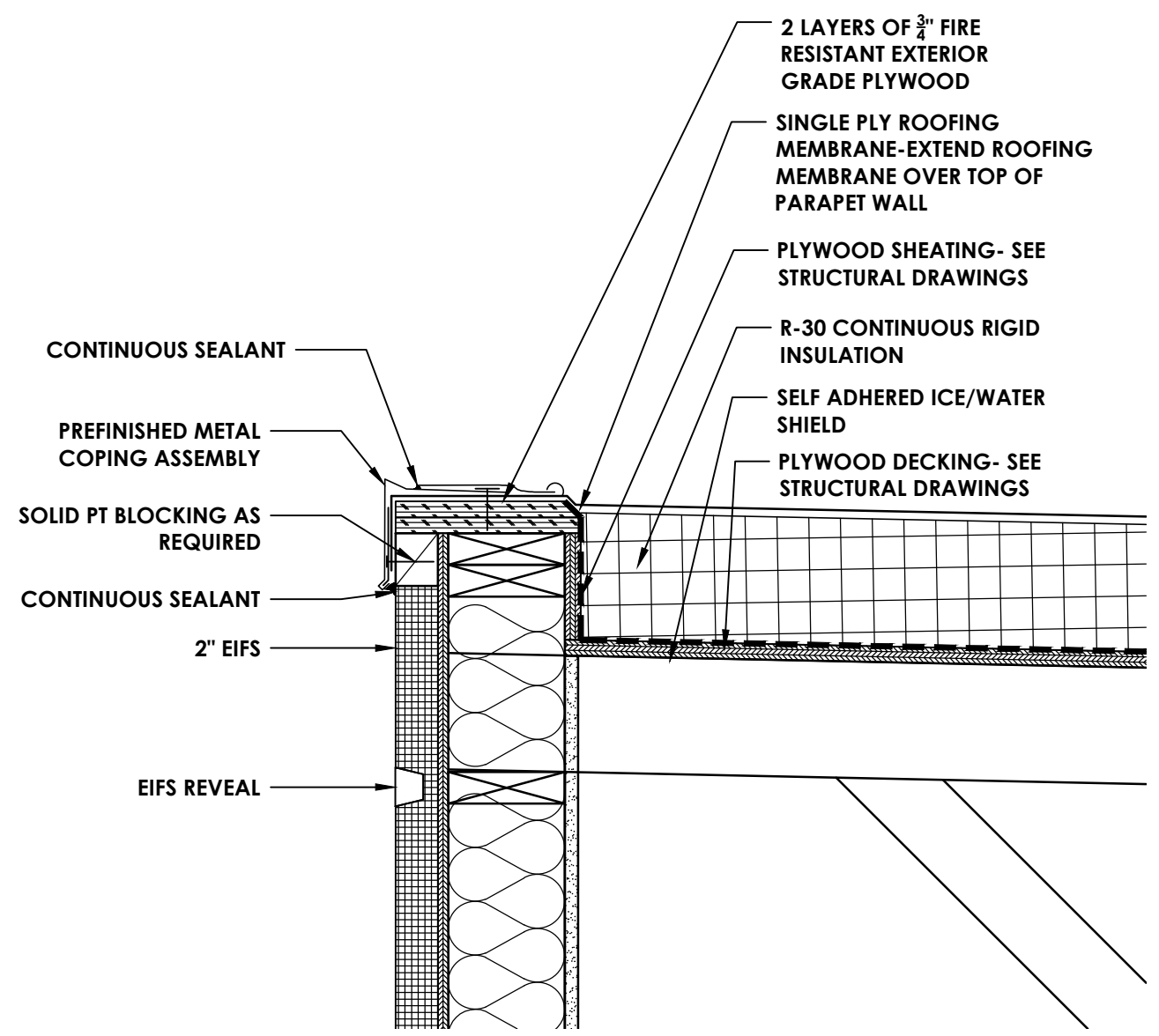
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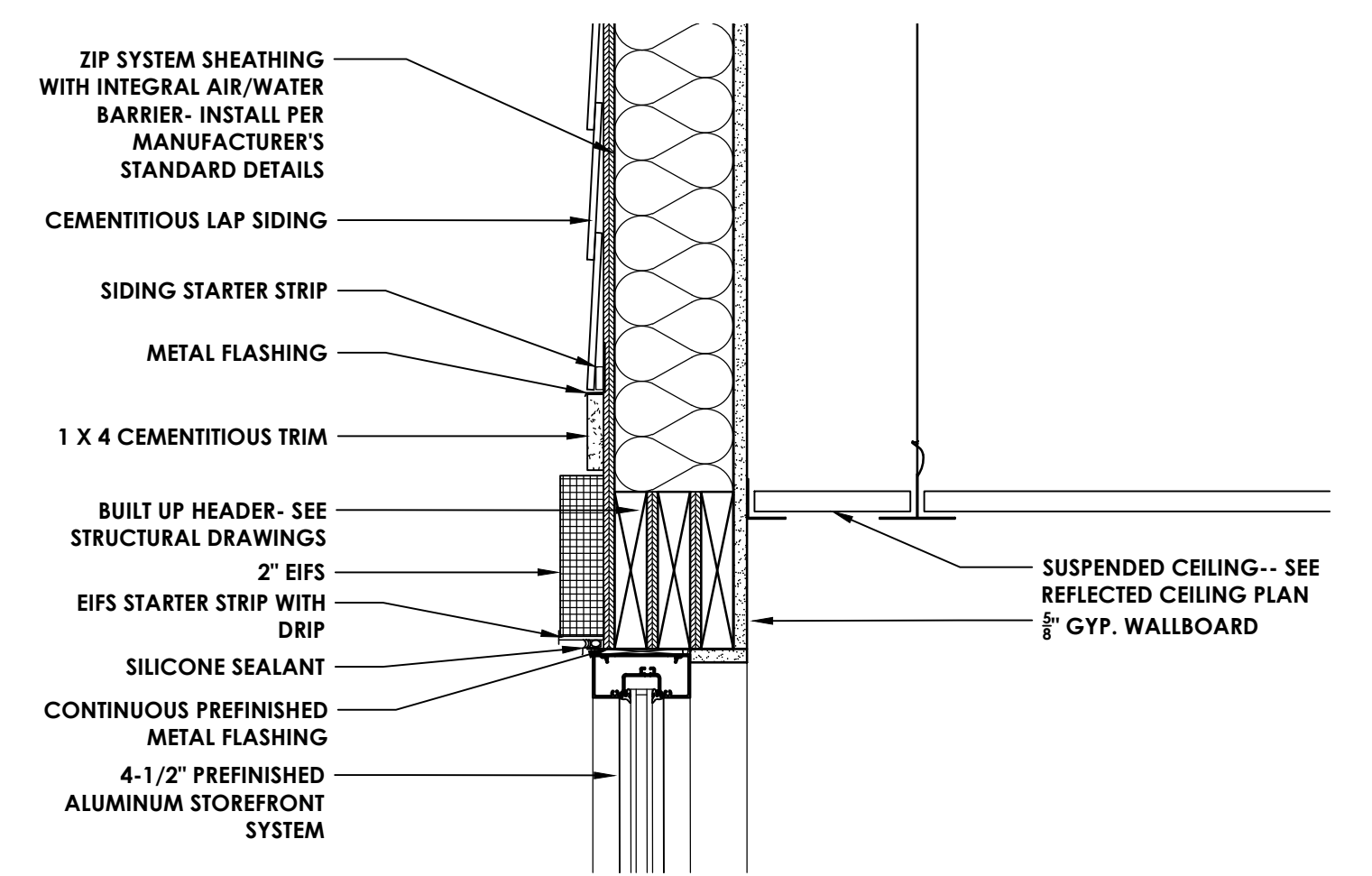
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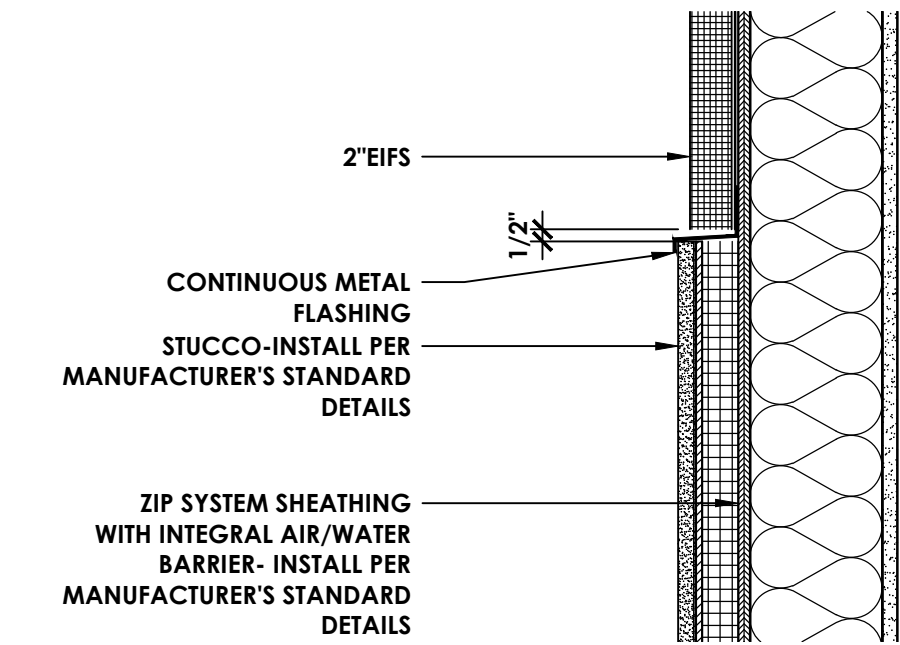
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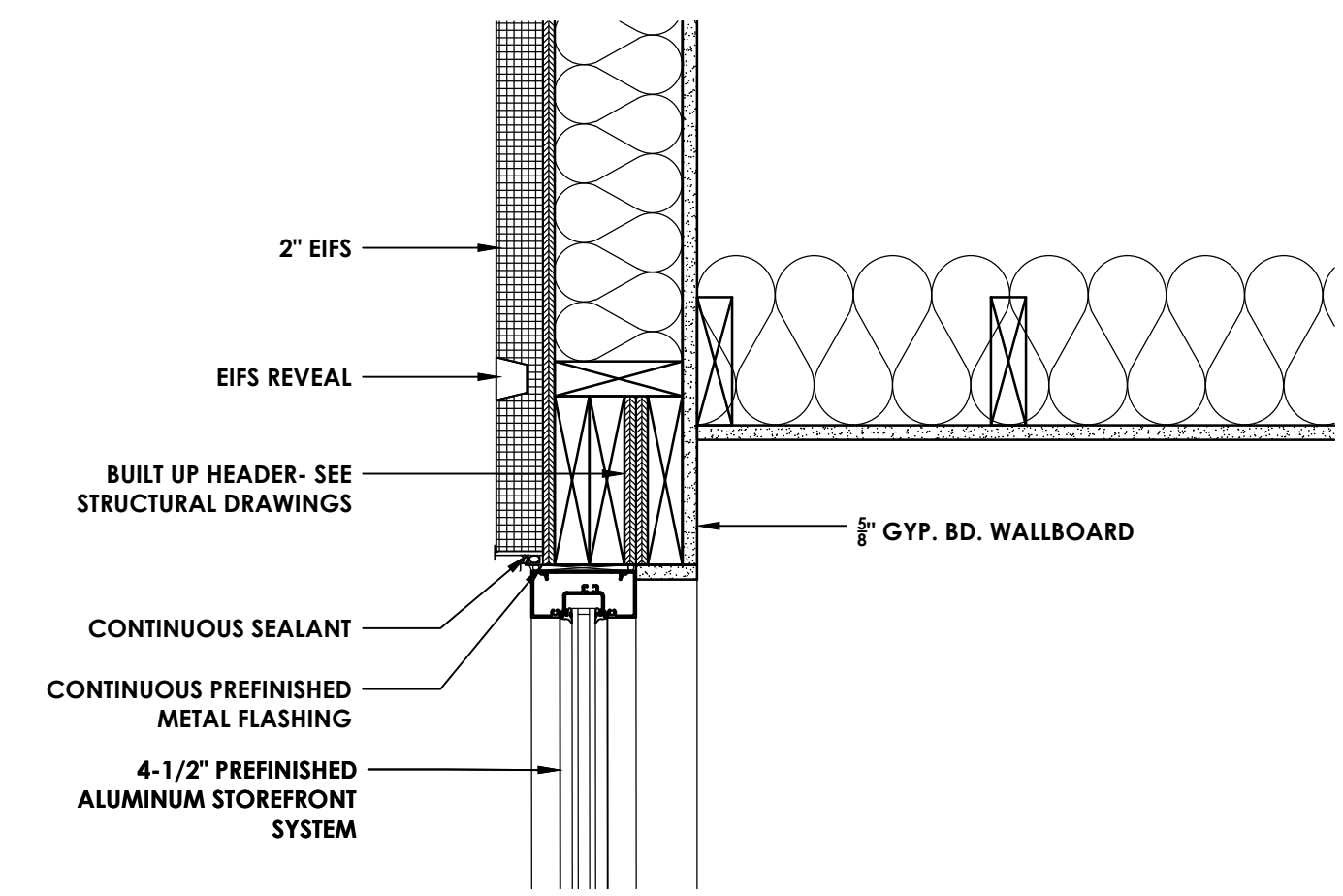
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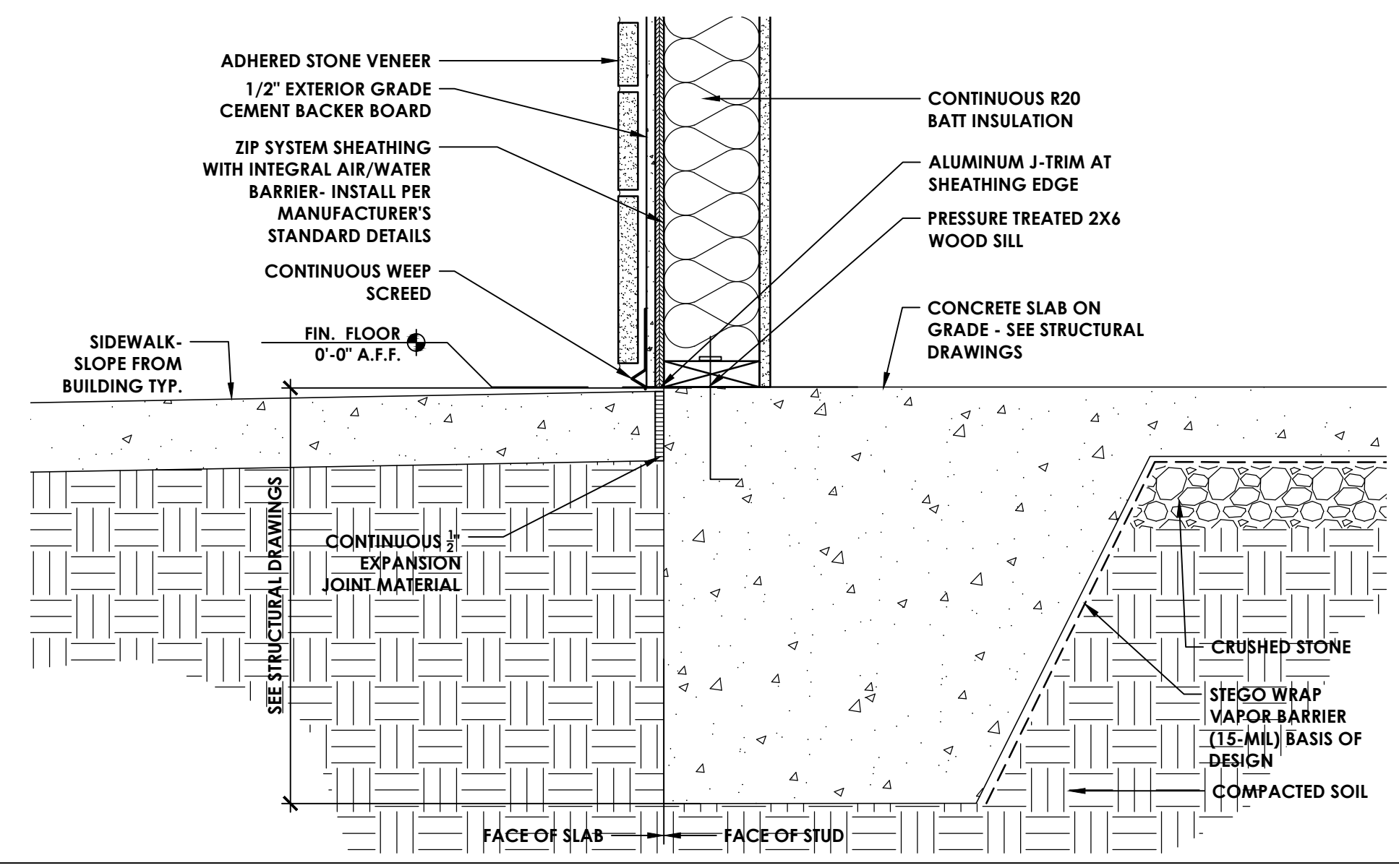
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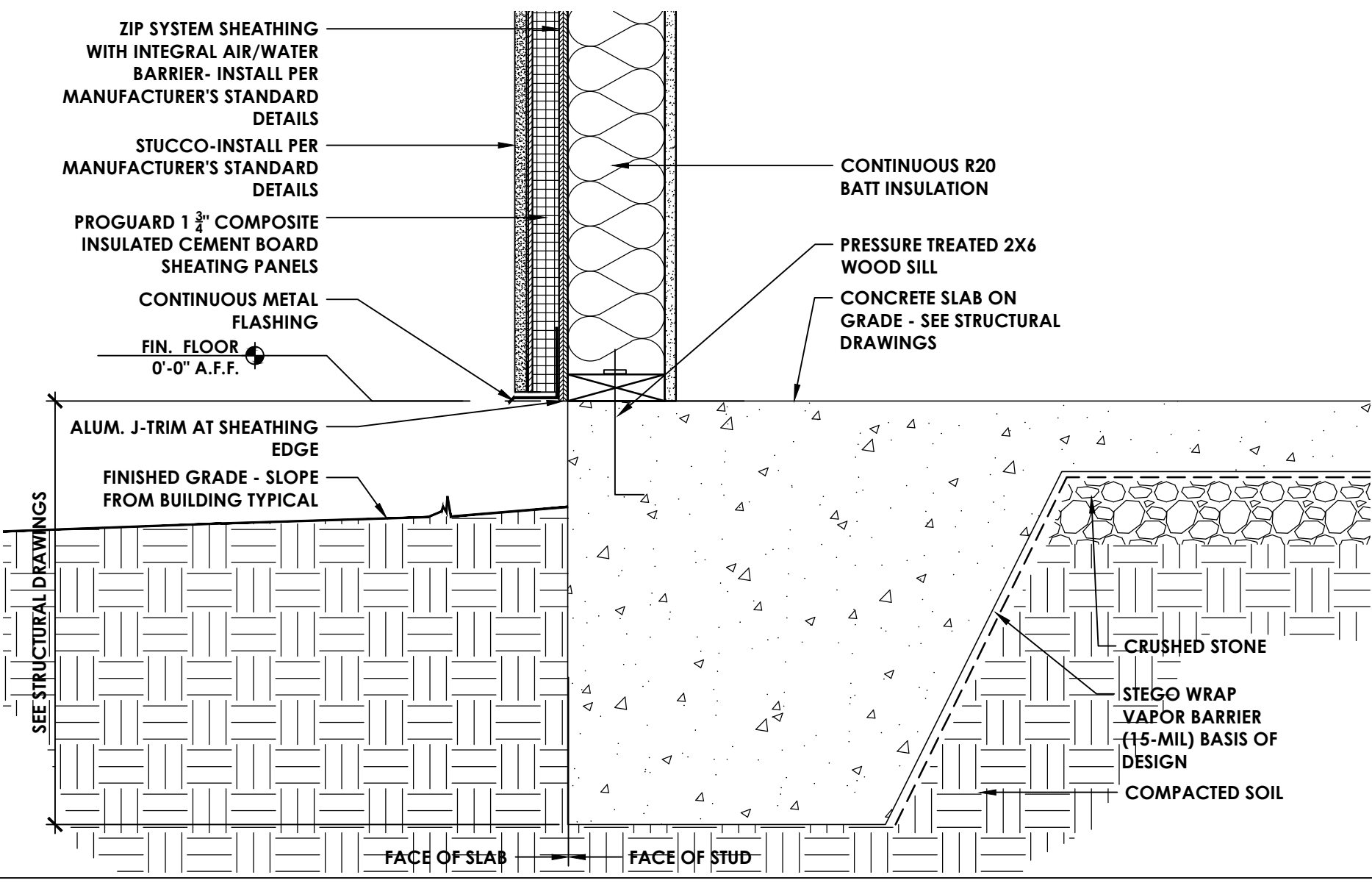
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5 SECTION DETAIL
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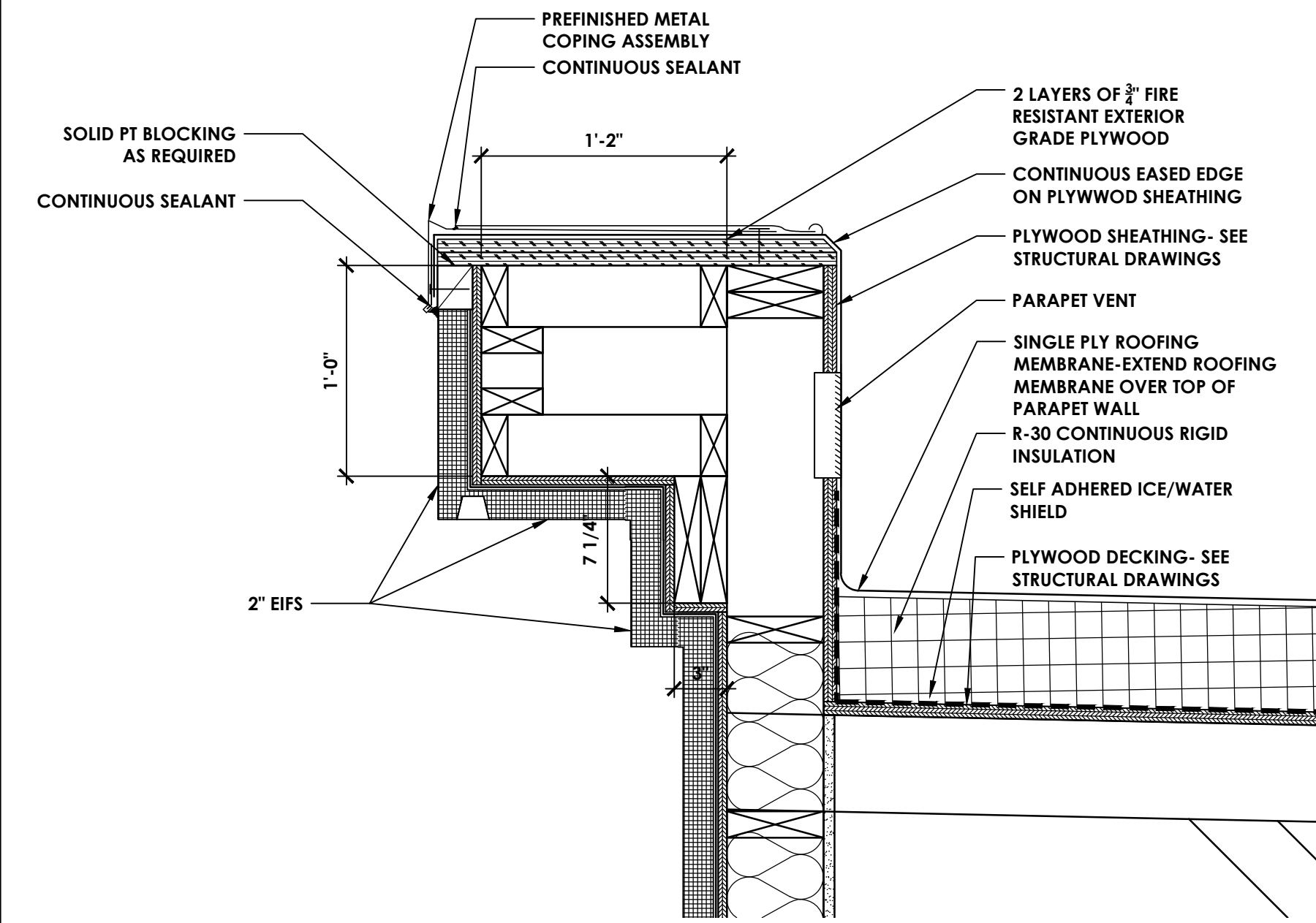
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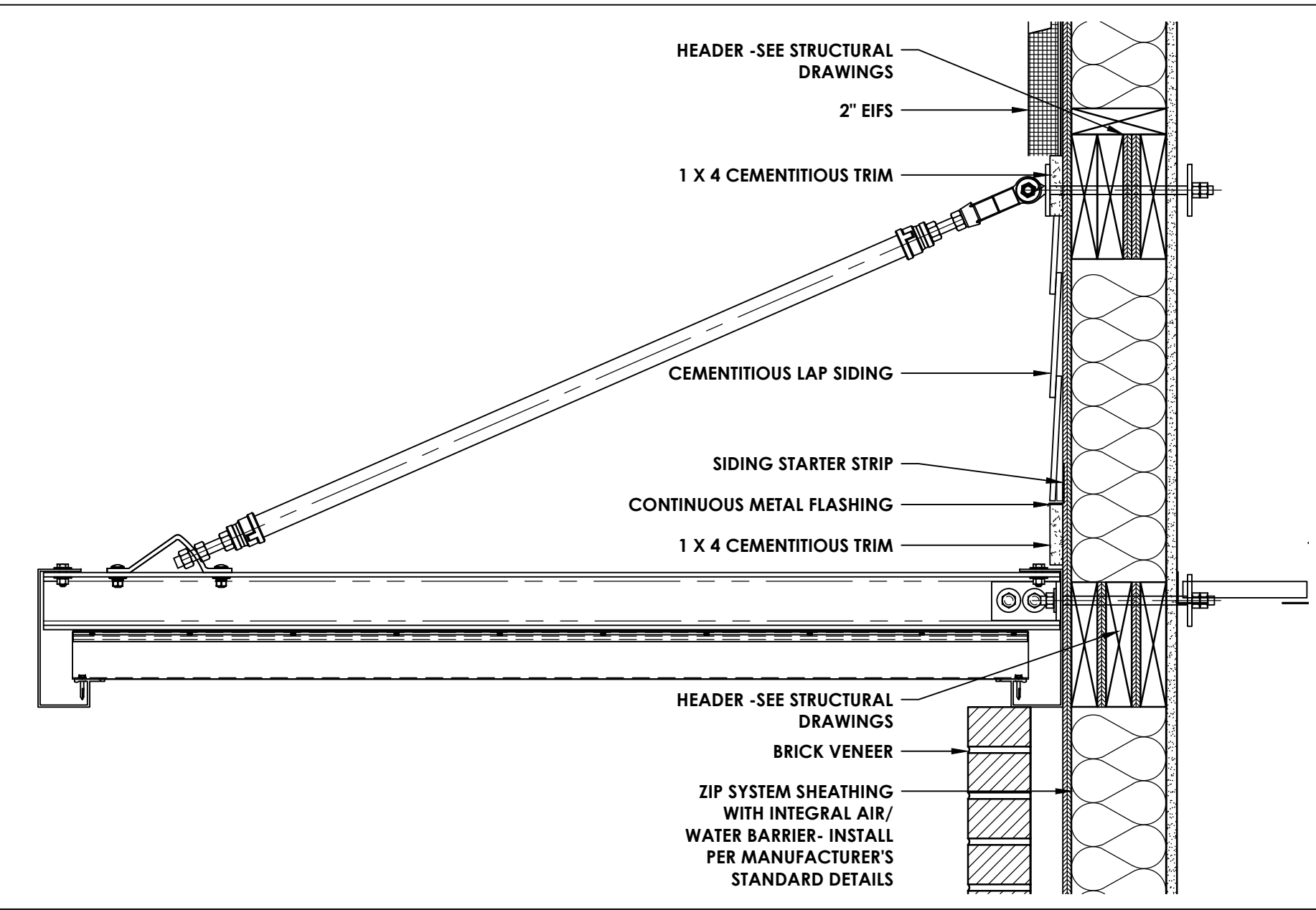
2 SECTION DETAIL
Scale: 1-1/2" = 1'-0"

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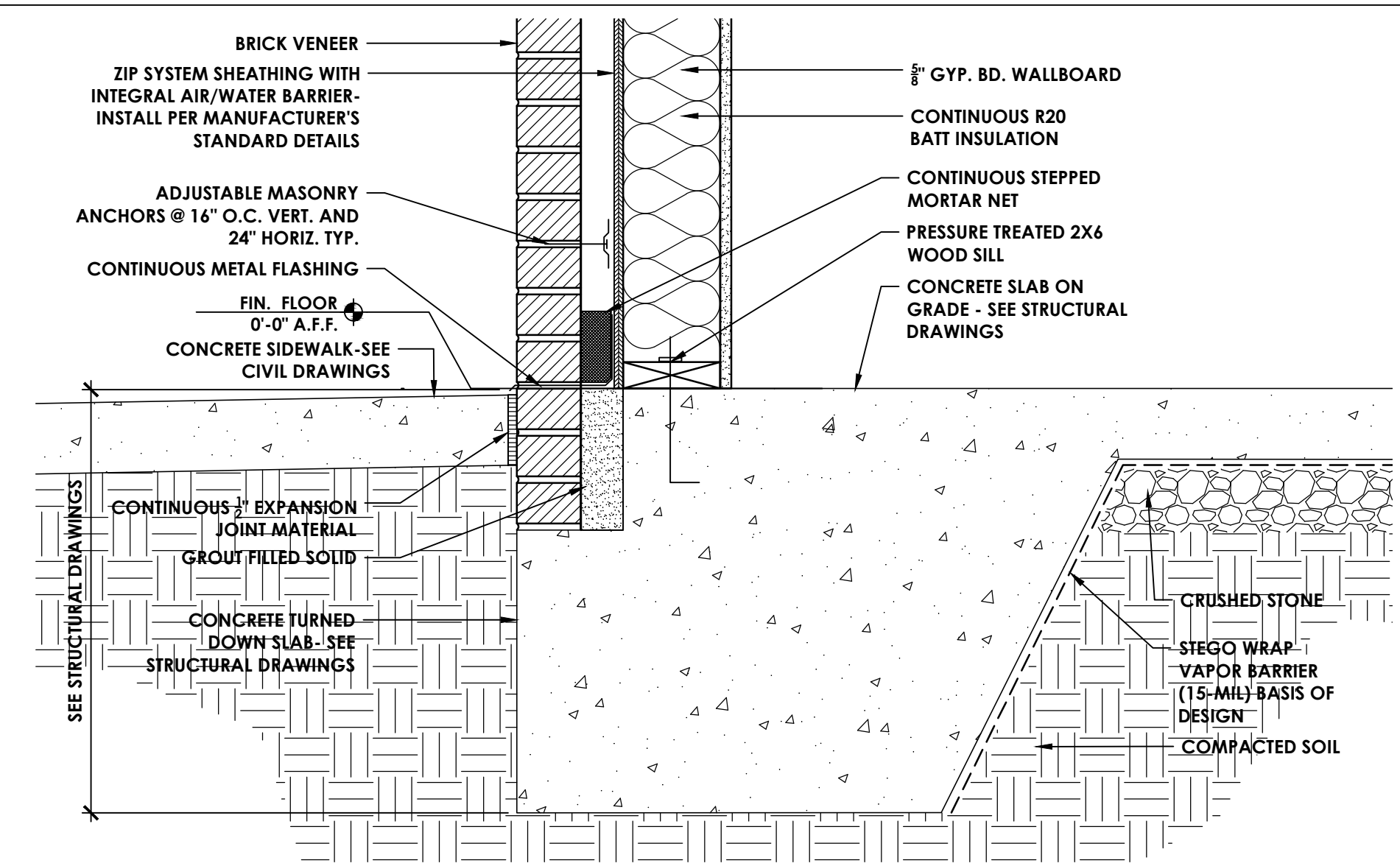
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3 SECTION DETAIL
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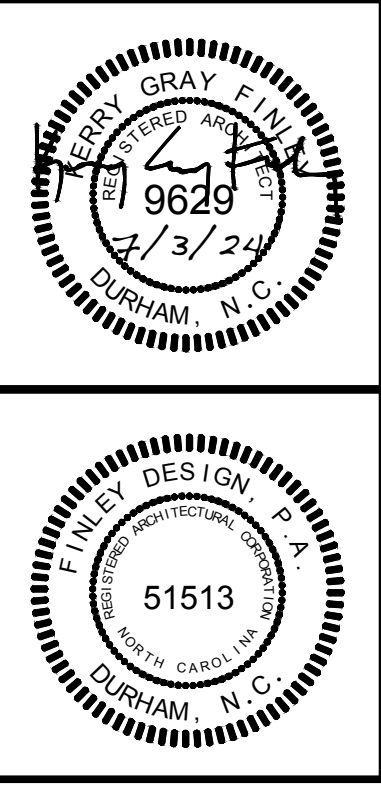
2 SECTION DETAIL
Scale: 1-1/2" = 1'-0"



1 SECTION DETAIL
Scale: 1-1/2" = 1'-0"



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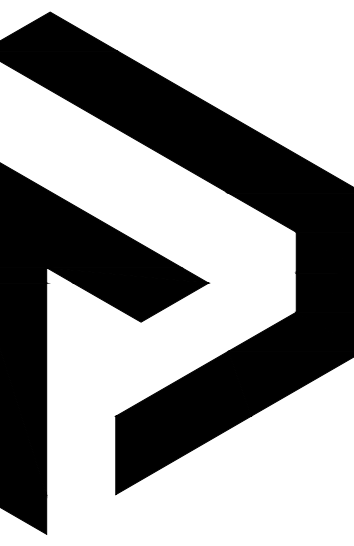
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NO.	DESCRIPTION	DATE

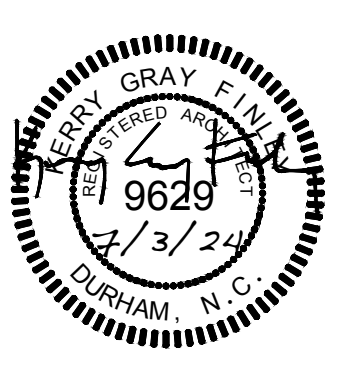
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SECTION DETAILS

A9.2



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DOOR
SCHEDULE

A11.0

DOOR NOTES

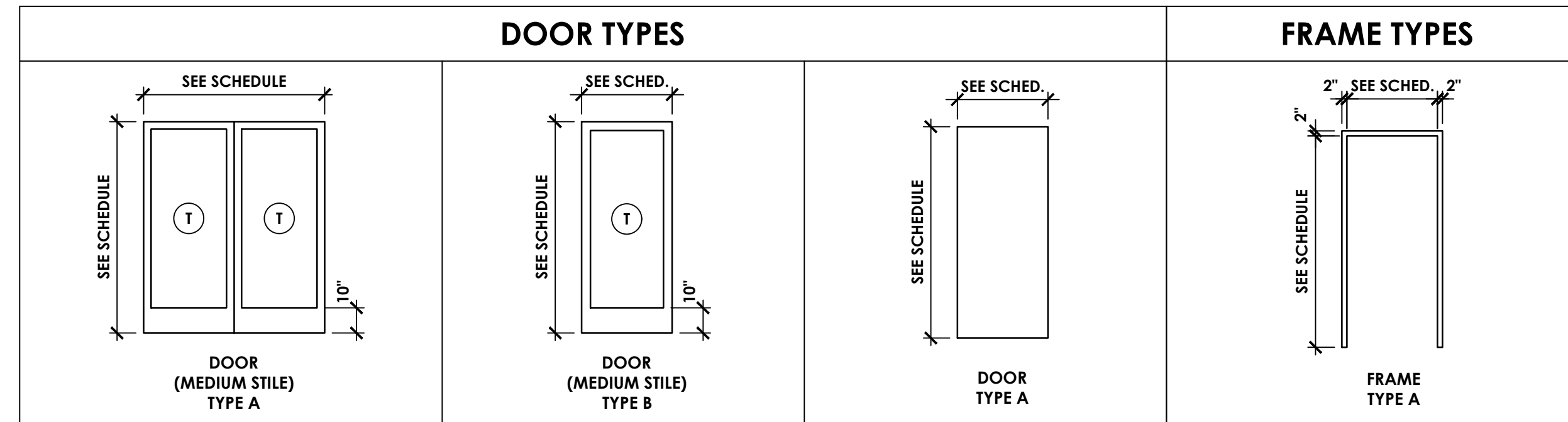
- HARDWARE INSTALLER TO GENERATE HARDWARE AND KEYING SCHEDULE TO BE REVIEWED BY OWNER AND ARCHITECT.
- HOLLOW METAL DOOR FRAMES TO BE MITERED WITH WELDED CORNERS, GROUND SMOOTH.
- HARDWARE PRODUCT DATA AND FINISHES TO BE APPROVED BY ARCHITECT PRIOR TO ORDERING.
- EXTERIOR FACE OF EXTERIOR DOOR AND FRAMES TO BE PAINTED WITH TWO COATS OF ENAMEL TO MATCH BUILDING EXTERIOR. REFERENCE BUILDING ELEVATIONS FOR MORE INFORMATION.
- ALL DOOR HARDWARE TO BE COMMERCIAL QUALITY AND MEET ACCESSIBILITY STANDARDS.
- PROVIDE ACCESSIBLE THRESHOLDS AT ALL EXTERIOR DOORS.
- ALL DOOR HARDWARE TO BE STAINLESS STEEL UNLESS NOTED OTHERWISE.

SIGNAGE SCHEDULE

- IS-1 RESTROOMS: "RESTROOM" WITH ADA COMPLIANT PICTOGRAM

SIGNAGE NOTES

- SIGNAGE CONTRACTOR TO COORDINATE WITH OWNER ON SIGNAGE NEEDS.
- G.C. TO FURNISH AND INSTALL WALL MOUNTED INJECTION MOLDED ROOM IDENTIFICATION SIGN WITH RAISED TACTILE GRAPHICS AND BRILLE AND WHITE TEXT ON CONTRASTING BACKGROUND IN COMPLIANCE WITH ICC-ANSI A117.1.
- COLOR TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S STANDARD FINISHES.



DOOR SCHEDULE - EXTERIOR

DOOR NO.	LOCATION	DOOR						FRAME			ASSEMBLY RATING	HARDWARE SET	PANIC HARDWARE	SIGNAGE	REMARKS
		WIDTH	HEIGHT	TYPE	MATERIAL	FINISH	GLASS	TYPE	MATERIAL	FINISH					
101	WAITING	(2) 3'-0"	7'-0"	A	AL	AS1		-	-	-		13			
128	ENTRY	(2) 3'-0"	7'-0"	A	AL	AS1		-	-	-		14			
134	URGENT HALL	3'-0"	7'-0"	B	AL	AS1		-	-	-		13			

ABBREVIATIONS
AL = ALUMINUM AS1 - CLEAR ANODIZE PT - PAINT HMI - HOLLOW METAL INSULATED

DOOR SCHEDULE - INTERIOR

DOOR NO.	LOCATION	DOOR						FRAME			ASSEMBLY RATING	HARDWARE SET	PANIC HARDWARE	SIGNAGE	REMARKS
		WIDTH	HEIGHT	TYPE	MATERIAL	FINISH	GLASS	TYPE	MATERIAL	FINISH					
102	PATIENT RESTROOM	3'-0"	7'-0"	A	SCW	WD		A	HM	PT	--	3		IS-1	"VACANT" OR "OCCUPIED" DISPLAY
104	STAFF RESTROOM	3'-0"	7'-0"	A	SCW	WD		A	HM	PT	--	5		IS-1	"VACANT" OR "OCCUPIED" DISPLAY
105	EXAM ROOM	3'-0"	7'-0"	A	SCW	WD		A	HM	PT	--	4			
106	SUPPLIES	3'-0"	7'-0"	A	SCW	WD		A	HM	PT	--	6			
107	CHIROPRACTOR OFFICE	3'-0"	7'-0"	A	SCW	WD		A	HM	PT	--	1			
108	EXAM ROOM	3'-0"	7'-0"	A	SCW	WD		A	HM	PT	--	4			
109	ACCUPUNCTURE OFFICE	3'-0"	7'-0"	A	SCW	WD		A	HM	PT	--	1			
111	CLOSET	3'-0"	7'-0"	A	SCW	WD		A	HM	PT	--	8			
112	OFFICE MANAGER	3'-0"	7'-0"	A	SCW	WD		A	HM	PT	--	1			
113	TREATMENT	3'-0"	7'-0"	A	SCW	WD		A	HM	PT	--	2			
114	LAUNDRY	3'-0"	7'-0"	A	SCW	WD		A	HM	PT	--	9			
115	STAFF RESTROOM	3'-0"	7'-0"	A	SCW	WD		A	HM	PT	--	5		IS-1	"VACANT" OR "OCCUPIED" DISPLAY
116	LAB	3'-0"	7'-0"	A	SCW	WD		A	HM	PT	--	1			
117	SUPPLIES	3'-0"	7'-0"	A	SCW	WD		A	HM	PT	--	6			
119	ELEC./TEL.	3'-0"	7'-0"	A	SCW	WD		A	HM	PT	--	7			
120	FNP OFFICE	3'-0"	7'-0"	A	SCW	WD		A	HM	PT	--	1			
121	PATIENT RESTROOM	3'-0"	7'-0"	A	SCW	WD		A	HM	PT	--	5		IS-1	"VACANT" OR "OCCUPIED" DISPLAY
122	EXAM ROOM	3'-0"	7'-0"	A	SCW	WD		A	HM	PT	--	4			
123	X-RAY	3'-0"	7'-0"	A	SEE DETAILS	WD		SEE DETAILS	SEE DETAILS	PT	--	2			LEAD-LINED DOOR - SEE DETAILS
124	EXAM ROOM	3'-0"	7'-0"	A	SCW	WD		A	HM	PT	--	4			
125	EXAM ROOM	3'-0"	7'-0"	A	SCW	WD		A	HM	PT	--	4			
126	DOCTOR'S OFFICE	3'-0"	7'-0"	A	SCW	WD		A	HM	PT	--	1			
127	SICK WAITING	3'-0"	7'-0"	A	SCW	WD		A	HM	PT	--	11			
129	WELL WAITING	3'-0"	7'-0"	A	SCW	WD		A	HM	PT	--	10			
132	CLOSET	3'-0"	7'-0"	A	SCW	WD		A	HM	PT	--	8			
133	JAN./WH	3'-0"	7'-0"	A	SCW	WD		A	HM	PT	--	8			
135	CHIRO./ACC. HALL	3'-0"	7'-0"	A	SCW	WD		A	HM	PT	--	12			

ABBREVIATIONS
HCW = HOLLOW CORE WOOD HM = HOLLOW METAL PT = PAINTED (SEE FINISH SCHEDULE) SCW = SOLID CORE WOOD WD = WOOD VENEER

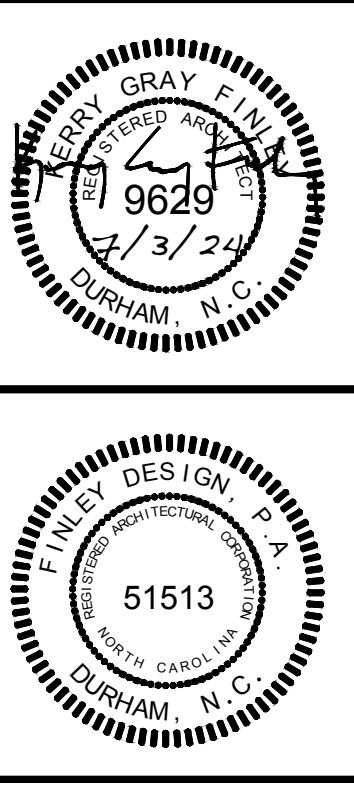
HARDWARE SCHEDULE

HARDWARE SET 1 - OFFICE	HARDWARE SET 9 - LAUNDRY
3 HINGES (IVES 58B1 4.5 X 4.5), ENTRANCE/OFFICE LOCK (SCHLAGE ND50TD SPA), FSIC CORE (SCHLAGE 23-030), WALL STOP (IVES WS406/407CCV), 3 SILENCERS (IVES SR64)	3 HINGES (IVES 58B1 4.5 X 4.5), PASSAGE SET (SCHLAGE ND10S SPA), WALL STOP (IVES WS406/407CCV), 3 SILENCERS (IVES SR64)
HARDWARE SET 2 - X-RAY	HARDWARE SET 10 - WELL WAITING
PIVOT SET (IVES 7230F SET), INTERMEDIATE PIVOT (IVES 7237F INT), ENTRANCE/OFFICE LOCKSET (SCHLAGE ND50TD SPA XN12-307), FSIC CORE (SCHLAGE 23-030), SURFACE CLOSER (LCN 4050A REGULAR ARM MOUNT), WALL STOP (IVES WS406/407CCV), GASKETING (ZERO 488SBK PSA), LEAD-LINED AUTOMATIC DOOR BOTTOM (NGP 423N)	3 HINGES (IVES 58B1 4.5 X 4.5 NRP), CLASSROOM LOCK (SCHLAGE ND70TD SPA), FSIC CORE (SCHLAGE 23-030), SURFACE CLOSER (LCN 4050A RW/PA), 3 SILENCERS (IVES SR64)
HARDWARE SET 3 - PATIENT RESTROOM	HARDWARE SET 11 - SICK WAITING
PIVOT SET (IVES 7255 SET), PRIVACY LOCK W/ OUTSIDE INDICATOR (SCHLAGE ND40S SPA OS-OCC), RESCUE STRIKE (IVES 299RS), FLOOR STOP (IVES FS436), 2 MORTISED GASKETING (ZERO 34BK)	3 HINGES (IVES 58B1 4.5 X 4.5 NRP), CLASSROOM LOCK (SCHLAGE ND70TD SPA), FSIC CORE (SCHLAGE 23-030), SURFACE CLOSER (LCN 4050A RW/PA), WALL STOP (IVES WS406/407CCV), 3 SILENCERS (IVES SR64)
HARDWARE SET 4 - EXAM ROOM	HARDWARE SET 12 - TENANT
3 HINGES (IVES 58B1 4.5 X 4.5), PASSAGE SET (SCHLAGE ND10S SPA), WALL STOP (IVES WS406/407CCV), 3 SILENCERS (IVES SR64)	3 HINGES (IVES 58B1 4.5 X 4.5 NRP), DOUBLE CYLINDER COMMUNICATING LOCK (SCHLAGE ND72T SPA XN12-002), FSIC CORE (SCHLAGE 23-030), SURFACE CLOSER (LCN 4050A RW/PA), WALL STOP (IVES WS406/407CCV), 3 SILENCERS (IVES SR64)
HARDWARE SET 5 - RESTROOM	HARDWARE SET 13 - STOREFRONT ENTRY (SINGLE)
PIVOT SET (IVES 7255 SET), PRIVACY LOCK WITH OUTSIDE INDICATOR (SCHLAGE ND40S SPA OS-OCC), RESCUE STRIKE (IVES 299RS), WALL STOP (IVES WS406/407CCV), 2 MORTISED GASKETING (ZERO 34BK)	CONTINUOUS HINGE (IVES 112HD), PANIC HARDWARE (FALCON 25-R-NL-OP), RIM CYLINDER (SCHLAGE 20-057 ICX), FSIC CORE (SCHLAGE 23-030), 90 DEG. OFFSET PULL (IVES 8190EZHD 10" STD), CONCEALED CLOSER (LCN 2031 BUMP WMS), RAIN DRIP IF EXPOSED ABOVE (ZERO 142AA), GASKETING/SEALS (PROVIDED BY STOREFRONT DOOR & FRAME MANUFACTURER), DOOR SWEEP (ZERO 8192AA), ADA COMPLIANT THRESHOLD (ZERO 655A)
HARDWARE SET 6 - STOREROOM	HARDWARE SET 14 - STOREFRONT ENTRY (DOUBLE)
3 HINGES (IVES 58B1 4.5 X 4.5), STOREROOM LOCK (SCHLAGE ND80TD SPA), FSIC CORE (SCHLAGE 23-030), OVERHEAD STOP (GLYNN-JOHNSON 90S), 3 SILENCERS (IVES SR64)	CONTINUOUS HINGE (IVES 112HD), PANIC HARDWARE (FALCON 25-C-C AND 25-C-EO), MORTISE CYLINDER (SCHLAGE 20-061-ICX), FSIC CORE (SCHLAGE 23-030), 90 DEG. OFFSET PULL (IVES 8190EZHD 10" STD), CONCEALED CLOSER (LCN 2031 BUMP WMS), RAIN DRIP IF EXPOSED ABOVE (ZERO 142AA), GASKETING/SEALS (PROVIDED BY STOREFRONT DOOR & FRAME MANUFACTURER), DOOR SWEEP (ZERO 8192AA), ADA COMPLIANT THRESHOLD (ZERO 655A)
HARDWARE SET 7 - ELEC./TEL.	
3 HINGES (IVES 58B1 4.5 X 4.5 NRP), STOREROOM LOCK (SCHLAGE ND80TD SPA), FSIC CORE (SCHLAGE 23-030), WALL STOP (IVES WS406/407CCV), 3 SILENCERS (IVES SR64)	
HARDWARE SET 8 - CLOSET	
3 HINGES (IVES 58B1 4.5 X 4.5 NRP), STOREROOM LOCK (SCHLAGE ND80TD SPA), FSIC CORE (SCHLAGE 23-030), OVERHEAD STOP (GLYNN-JOHNSON 90S), 3 SILENCERS (IVES SR64)	

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STOREFRONT SCHEDULE

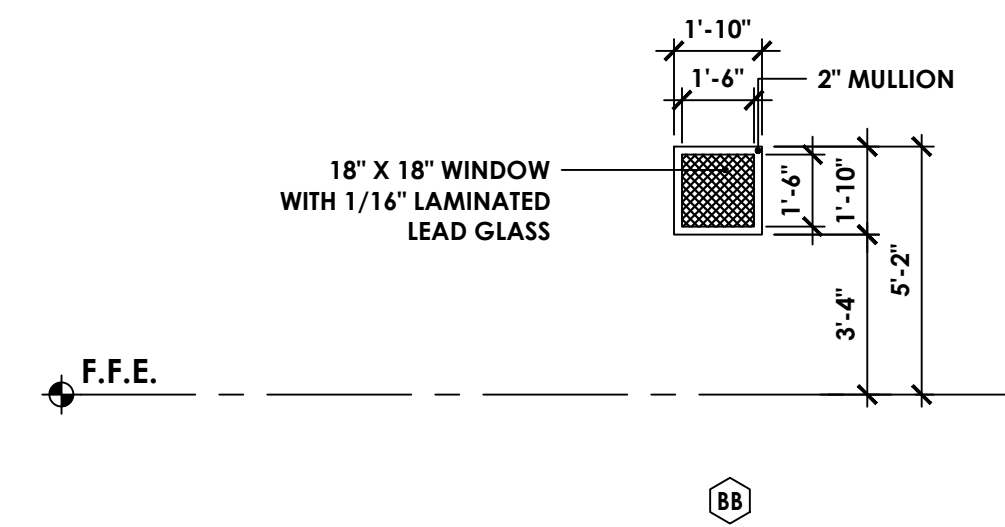
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STOREFRONT NOTES

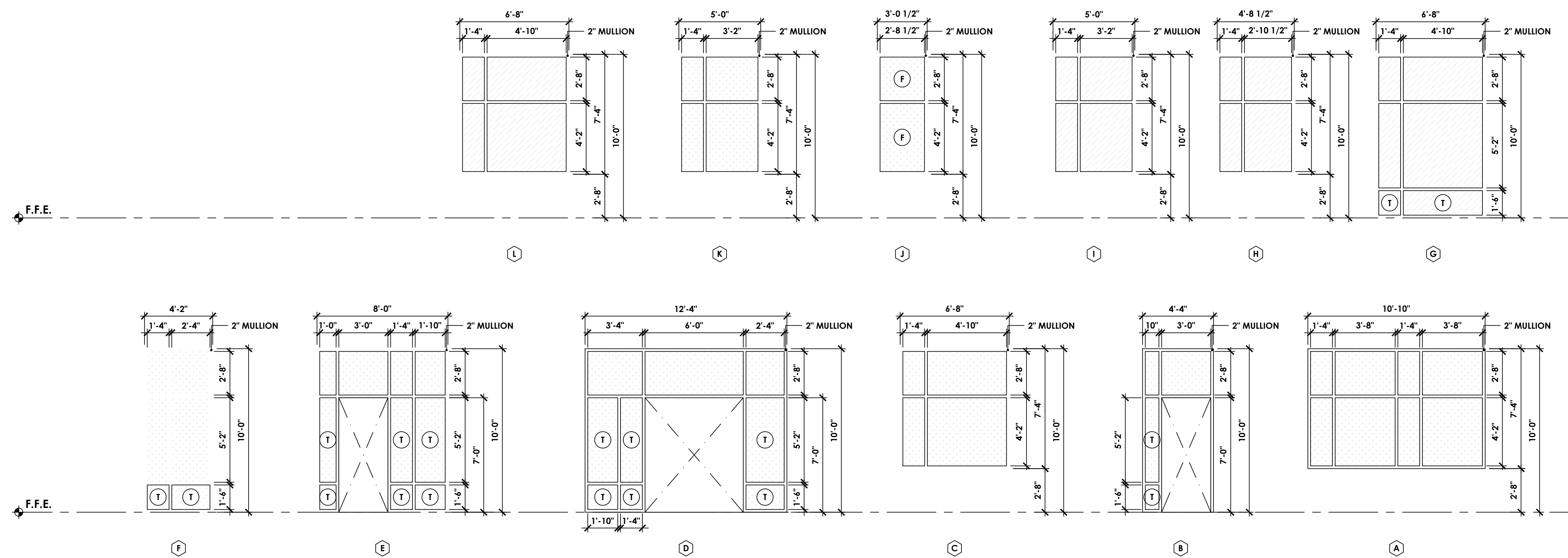
- EXTERIOR ALUMINUM STOREFRONT TO BE KAWNEER 451T OR EQUAL. GLASS TO BE EITHER LOW E CLEAR, 1" INSULATED GLASS SOLARBAN 60, OR LOW E CLEAR SOLARBAN 67, OR EQUAL. TEMPER GLASS WHERE NOTED.
- ARCHITECT TO SELECT ALUMINUM STOREFRONT FINISH FROM MANUFACTURER'S FULL RANGE OF STANDARD COLORS.
- EXTERIOR STOREFRONT COLOR TO BE AS1.
- INTERIOR STOREFRONT COLOR TO BE AS2.
- INTERIOR ALUMINUM STOREFRONT TO BE 1/4" CLEAR GLASS. TEMPER GLASS WHERE NOTED.

STOREFRONT LEGEND

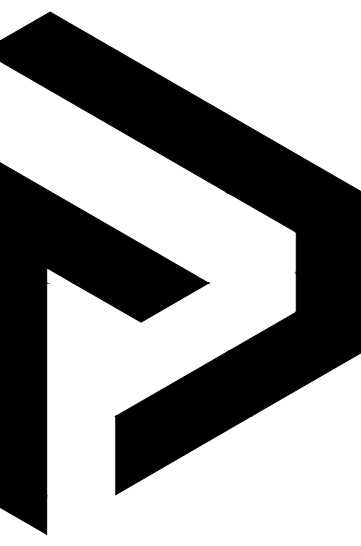
- (T) TEMPERED SAFETY GLASS
- (F) TRANSLUCENT FILM APPLIED TO INTERIOR FACE OF GLASS
- [Pattern] SOLARBAN 67 CLEAR + CLEAR [VLT 54, 0.29-0.24 U-VALUE, 0.29 SHGC] GLASS
- [Pattern] SOLARBAN 60 (2) CLEAR + CLEAR [VLT 70, 0.29-0.24 U-VALUE, 0.39 SHGC] GLASS



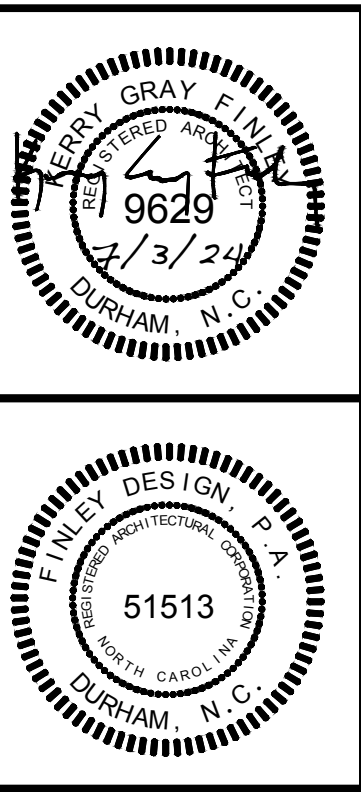
2 INTERIOR STOREFRONT ELEVATIONS
 Scale: 1/4" = 1'-0"



1 ALUMINUM STOREFRONT ELEVATIONS
 Scale: 1/4" = 1'-0"



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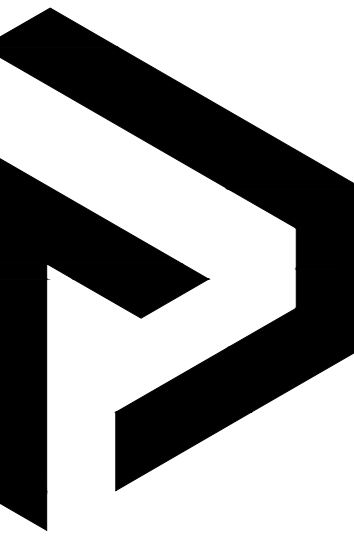
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EXTERIOR FINISH SCHEDULE

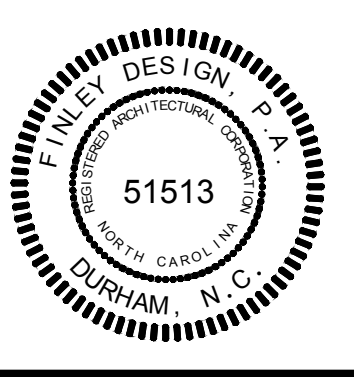
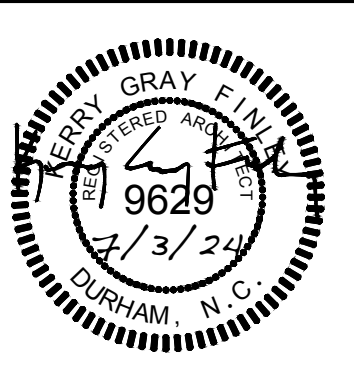
A11.2

EXTERIOR FINISH SCHEDULE			
BRICK	STONE	METAL	AWNINGS
B1	S1	CP1	A1
FINISH TYPE: BRICK MANUFACTURER: TAYLOR CLAY PRODUCTS COLOR: BLACK ONYX MODULAR WIRECUT STYLE: - SIZE: - NOTES: STANDARD GRAY MORTAR	FINISH TYPE: ADHERED STONE VENEER MANUFACTURER: ESCHOLON MASONRY STYLE: KENSLEY STONE COLOR: 2/3 DOGWOOD + 1/3 WHEAT (BLEND) SIZE: - NOTES: STANDARD GRAY MORTAR	FINISH TYPE: METAL COPING MANUFACTURER: - COLOR: TO MATCH P1 STYLE: ANODIZED ALUMINUM SIZE: - NOTES: WHITE	FINISH TYPE: METAL AWNING MANUFACTURER: MAPES STYLE: LUMISHADE WITH 8" J FASCIA COLOR: CLEAR ANODIZED SIZE: SEE PLANS AND SECTIONS NOTES: -
PAINT			
P1	P2	P3	P4
FINISH TYPE: EXTERIOR PAINT MANUFACTURER: SHERWIN WILLIAMS COLOR: ALABASTER - SW 7008 STYLE: SEMIGLOSS SIZE: - NOTES: WHITE	FINISH TYPE: EXTERIOR PAINT MANUFACTURER: SHERWIN WILLIAMS COLOR: OYSTER BAR - SW 7565 STYLE: SEMIGLOSS SIZE: - NOTES: BEIGE	FINISH TYPE: EXTERIOR PAINT MANUFACTURER: SHERWIN WILLIAMS COLOR: TBD STYLE: SEMIGLOSS SIZE: - NOTES: GRAY	FINISH TYPE: EXTERIOR PAINT MANUFACTURER: SHERWIN WILLIAMS COLOR: TBD STYLE: SEMIGLOSS SIZE: - NOTES: DARK BROWN
P5	P6	NOT USED	NOT USED
FINISH TYPE: EXTERIOR PAINT MANUFACTURER: SHERWIN WILLIAMS COLOR: KEYSTONE GRAY - SW 7504 STYLE: SEMIGLOSS SIZE: - NOTES: BROWN	FINISH TYPE: EXTERIOR PAINT MANUFACTURER: SHERWIN WILLIAMS COLOR: TBD STYLE: SEMIGLOSS SIZE: - NOTES: TAN	FINISH TYPE: - MANUFACTURER: - COLOR: - STYLE: - SIZE: - NOTES: -	FINISH TYPE: - MANUFACTURER: - COLOR: - STYLE: - SIZE: - NOTES: -
EIFS			
E1	E2	E3	E4
FINISH TYPE: EIFS MANUFACTURER: - COLOR: MATCH P1 STYLE: DRAINABLE SIZE: - NOTES: WHITE	FINISH TYPE: EIFS MANUFACTURER: - COLOR: MATCH P2 STYLE: DRAINABLE SIZE: - NOTES: BEIGE	FINISH TYPE: EIFS MANUFACTURER: - COLOR: MATCH P3 STYLE: DRAINABLE SIZE: - NOTES: GRAY	FINISH TYPE: EIFS MANUFACTURER: - COLOR: MATCH P4 STYLE: DRAINABLE SIZE: - NOTES: DARK BROWN
E5	NOT USED	NOT USED	NOT USED
FINISH TYPE: EIFS MANUFACTURER: - COLOR: MATCH P5 STYLE: DRAINABLE SIZE: - NOTES: BROWN	FINISH TYPE: - MANUFACTURER: - COLOR: - STYLE: - SIZE: - NOTES: -	FINISH TYPE: - MANUFACTURER: - COLOR: - STYLE: - SIZE: - NOTES: -	FINISH TYPE: - MANUFACTURER: - COLOR: - STYLE: - SIZE: - NOTES: -
FIBER CEMENT	ALUMINUM STOREFRONT	STUCCO	
FC1	AS1	STC	
FINISH TYPE: CEMENTITIOUS LAP SIDING MANUFACTURER: ALLURA STYLE: TRADITIONAL CEDAR COLOR: CHESTNUT BY CAROLINA COLOR TONES SIZE: - NOTES: WOOD-LOOK LAP SIDING	FINISH TYPE: STOREFRONT MANUFACTURER: KAWNEER OR EQUAL COLOR: #18 CHAMPAGNE STYLE: - SIZE: - NOTES: CHAMPAGNE	FINISH TYPE: STUCCO MANUFACTURER: - COLOR: - STYLE: - SIZE: - NOTES: MATCH P6	

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INTERIOR FINISH
SCHEDULE

A11.3

INTERIOR FINISH SCHEDULE

FLOORING		WALL BASE		WINDOW	
SC	V1	BA1	F1	WT1	
FINISH TYPE: SEALED CONCRETE MANUFACTURER: - COLOR: - STYLE: - SIZE: - NOTES: SEALED CONCRETE	FINISH TYPE: RESILIENT FLOORING PLANK MANUFACTURER: SHAW CONTRACT STYLE: PIVOT COLOR: MINDSET 00115 SIZE: 8" X 51" PATTERN: RANDOM NOTES: -	FINISH TYPE: RUBBER WALL BASE MANUFACTURER: TARKETT/JOHNSONITE STYLE: DURACOVE 4" COLOR: TBD SIZE: 4" NOTES: -	FINISH TYPE: ADHESIVE PRIVACY FILM MANUFACTURER: SOLYX STYLE: SXWF-WM COLOR: WHITE MATTE SIZE: FIELD MEASURE MOUNT: INTERIOR FACE NOTES: PATIENT RESTROOM STOREFRONT	FINISH TYPE: FAUX WOOD BLINDS MANUFACTURER: TBD STYLE: TBD COLOR: ARCHITECT TO SELECT FROM MANUFACTURER'S STANDARD COLORS SIZE: 2" NOTES: INSTALL ON ALL STOREFRONT WINDOWS EXCEPT RESTROOM	
PAINT					
PT1	PT2	PT3	PT4	PT5	
FINISH TYPE: INTERIOR PAINT MANUFACTURER: SHERWIN WILLIAMS COLOR: SHOJI WHITE - SW 7042 STYLE: SEMIGLOSS NOTES: TRIM	FINISH TYPE: INTERIOR PAINT MANUFACTURER: SHERWIN WILLIAMS COLOR: STUDIO TAUPE - SW 7549 STYLE: EGGHELL NOTES: WALLS	FINISH TYPE: INTERIOR PAINT MANUFACTURER: SHERWIN WILLIAMS COLOR: NATUREL - SW 7542 STYLE: EGGHELL NOTES: WALLS	FINISH TYPE: INTERIOR PAINT MANUFACTURER: SHERWIN WILLIAMS PRODUCT: PREMIUM CEILING PAINT STYLE: FLAT NOTES: CEILINGS ONLY	FINISH TYPE: INTERIOR PAINT MANUFACTURER: SHERWIN WILLIAMS PRODUCT: STUDIO TAUPE - SW 7549 STYLE: SEMIGLOSS NOTES: RESTROOMS	
WALL					
FRP1	FRP2	FRP3	WC1	WC2	
FINISH TYPE: FIBERGLASS REINFORCED PLASTIC MANUFACTURER: MARLITE STYLE: STANDARD COLOR: P 100 WHITE FINISH: SMOOTH CLASS: A TRIM: MATCH FRP1 NOTES: UTILITY SPACES ONLY; INSTALL TO 48" A.F.F.	FINISH TYPE: FIBERGLASS REINFORCED PLASTIC MANUFACTURER: MARLITE LINE: SYMMETRIX SMARTSEAM SUBWAY STYLE: 6" X 3" HORIZONTAL SUBWAY COLOR: WHITE WITH WHITE GROUT; SATIN FINISH CLASS: - TRIM: ALUMINUM NOTES: RESTROOM WAINSCOT	FINISH TYPE: FIBERGLASS REINFORCED PLASTIC MANUFACTURER: MARLITE LINE: SYMMETRIX SMARTSEAM SUBWAY STYLE: 24" X 12" VERTICAL SUBWAY COLOR: LOGGIA SS5461-G63R; SATIN FINISH CLASS: - TRIM: ALUMINUM NOTES: RESTROOM WALLS	FINISH TYPE: WALL COVERING MANUFACTURER: KOROSEAL STYLE: WOVEN WOOD COLOR: TAK-GA01-04 SIZE: 36" ROLL MATERIAL: WOOD VENEER CLASS: A NOTES: ENTRANCE	FINISH TYPE: WALL COVERING MANUFACTURER: KOROSEAL STYLE: COHIBA COLOR: 67651 SIZE: 52-54" ROLL MATERIAL: VINYL CLASS: A NOTES: OFFICES	
WC3	WC4	NOT USED	NOT USED	NOT USED	
FINISH TYPE: WALL COVERING MANUFACTURER: KOROSEAL STYLE: ARID COLOR: CELESTIAL-DA21-09 SIZE: 52-54" ROLL MATERIAL: VINYL CLASS: A NOTES: EXAM ROOMS	FINISH TYPE: WALL COVERING MANUFACTURER: KOROSEAL STYLE: KOROGARD COLOR: TBD; P1 DUNE TEXTURE SIZE: 4' X 8" CLASS: A NOTES: WAITING AREAS; USE MANUFACTURER'S TRIM	FINISH TYPE: - MANUFACTURER: - STYLE: - COLOR: - SIZE: - CLASS: - NOTES: -	FINISH TYPE: - MANUFACTURER: - STYLE: - COLOR: - SIZE: - CLASS: - NOTES: -	FINISH TYPE: - MANUFACTURER: - STYLE: - COLOR: - SIZE: - CLASS: - NOTES: -	
MILLWORK			COUNTERTOP		
CB1	CB2	PL1	PL2	SS1	
FINISH TYPE: CABINET FINISH MANUFACTURER: WILSONART CONSTRUCTION: FRAMED DOOR STYLE: SLAB FRONT EXTERIOR FINISH: THERMALLY FUSED LAMINATE DOORS IN PL1 INTERIOR FINISH: PL1 OVERLAY SIZE: FULL OVERLAY NOTES: WHITE CABINETS	FINISH TYPE: CABINET FINISH MANUFACTURER: WILSONART CONSTRUCTION: FRAMED DOOR STYLE: SHAKER EXTERIOR FINISH: THERMALLY FUSED LAMINATE DOORS IN PL1 INTERIOR FINISH: PL1 OVERLAY SIZE: FULL OVERLAY NOTES: WHITE CABINETS	FINISH TYPE: THERMALLY FUSED LAMINATE MANUFACTURER: WILSONART COLOR: LINEN D427 FINISH: 60 MATTE APPLICATION: DOOR AND DRAWER FRONTS, CABINET FRONT, TOE KICK, SIDES, INTERIOR OF CABINETS NOTES: TREATMENT ROOM BUILT-IN CABINETS	FINISH TYPE: PLASTIC LAMINATE COUNTERTOP MANUFACTURER: WILSONART COLOR: CALACATTA ORO 4981 FINISH: 38 FINE VELVET TEXTURE EDGE: BASIC/EASED THICKNESS: SEE MILLWORK DETAILS OVERHANG: 1" FRONT FOR LOWER CABINETS NOTES: COUNTERTOPS	FINISH TYPE: ACRYLIC SOLID SURFACE COUNTERTOP MANUFACTURER: WILSONART COLOR: - FINISH: - EDGE: BASIC/EASED THICKNESS: SEE MILLWORK DETAILS OVERHANG: 1" FRONT FOR LOWER CABINETS NOTES: CHECK-IN COUNTER; BREAK ROOM COUNTER	
CEILING					
ACT1	GYP				
FINISH TYPE: ACOUSTIC CEILING TILE MANUFACTURER: ARMSTRONG SIZE + COLOR: 24" X 24" TILE; WHITE STYLE: ULTIMA HEALTH ZONE HIGH NRC EDGE: BEVELED REGULAR 15/16 GRID: PRELUDE XL 15/16" EXPOSED TEE SYSTEM CLASS: A NOTES: -	FINISH TYPE: PAINTED GYPSUM BOARD COLOR: PAINTED PT6 SIZE: 5/8" GYPSUM BOARD NOTES: PAINTED PT6 UNLESS NOTED OTHERWISE				

BASIS OF DESIGN HARDWARE SCHEDULE

DESCRIPTION	MANUFACTURER / NAME / MODEL NO.	REMARKS
CABINET PULL	MISENO / MADISON 3" CENTER TO CENTER HANDLE CABINET PULL / MCPBP3300PC	POLISHED CHROME; INSTALL VERTICALLY
DRAWER PULL	MISENO / MADISON 3" CENTER TO CENTER HANDLE CABINET PULL / MCPBP3300PC	POLISHED CHROME

APPLIANCE AND EQUIPMENT SCHEDULE

MARK	DESCRIPTION	MANUFACTURER / NAME / MODEL NO.	REMARKS
CR	COMPUTED RADIOGRAPHY	CARESTREAM / DIRECTVIEW VITA XE CR SYSTEM	PROVIDED BY TENANT; NETWORK CONNECTED
DISP	GARBAGE DISPOSAL	INSINKERATOR / BADGER 5 GARBAGE DISPOSAL, 1/2 HP	-
DRY	DRYER - FRONT LOAD	GE / ENERGY STAR® 7.8 CU. FT. CAPACITY SMART FRONT LOAD ELECTRIC DRYER WITH SANITIZE CYCLE / GFD55ESSNWW	WHITE FINISH; ADA COMPLIANT
ICE-1	ICE MACHINE - NURSE	SCOTSMAN / HID207 MERIDIAN™ COMPACT ICE AND WATER DISPENSER	16" W X 24" D X 18" H
ICE-2	ICE MACHINE - BREAK ROOM	SCOTSMAN / HID207 MERIDIAN™ COMPACT ICE AND WATER DISPENSER	16" W X 24" D X 18" H
KA-1	KITCHEN SINK	ELKAY / DAYTON STAINLESS STEEL 30-1/2" X 18-1/4" X 8" SINGLE BOWL UNDERMOUNT SINK / DXUH2816	
	KITCHEN FAUCET	MOEN / SLEEK ONE-HANDEL HIGH ARC PULLDOWN KITCHEN FAUCET / 7864SRS	ADA COMPLIANT; SPOT RESISTANT STAINLESS FINISH
KA-2	KITCHEN SOAP DISPENSER	BOBRICK / SUREFLO AUTOMATIC TOP FILL BULK FOAM SOAP DISPENSER / B-828	ADA COMPLIANT
KA-3	KITCHEN PAPER TOWEL DISPENSER	BOBRICK / SURFACE-MOUNTED PAPER TOWEL DISPENSER / B-262	ADA COMPLIANT; TUMBLER LOCK
LOCK	LOCKERS (7 TOTAL)	AMERICAN SPECIALTIES, INC. / TRADITIONAL COLLECTION SINGLE-TIER LOCKERS 15" X 18" X 72" IN WHITE #29	INCLUDE 3" RECESS TRIM IN MATCHING COLOR
LA-1	LAUNDRY SINK	ELKAY / QUARTZ CLASSIC 25" X 18-1/2" X 11-13/16" UNDERMOUNT LAUNDRY SINK WITH PERFECT DRAIN WHITE / ELGU251912PDWHO	WHITE FINISH
	LAUNDRY FAUCET	MOEN / CHATEAU CHROME TWO-HANDLE LOW ARC LAUNDRY FAUCET /	ADA COMPLIANT; CHROME FINISH
LA-2	LAUNDRY SOAP DISPENSER	BOBRICK / SUREFLO AUTOMATIC TOP FILL BULK FOAM SOAP DISPENSER / B-828	ADA COMPLIANT
LA-3	LAUNDRY PAPER TOWEL DISPENSER	BOBRICK / SURFACE-MOUNTED PAPER TOWEL DISPENSER / B-262	ADA COMPLIANT; TUMBLER LOCK
MOP1	MOP SINK	FIAT / MOLDED STONE MOP SERVICE BASIN / MSB 2424	
	MOP FAUCET	FIAT / SERVICE-SINK FAUCET / 830-AA	
	MOP SINK HOSE	FIAT / HOSE AND HOSE BRACKET / 832-AA	INSTALL PER MANUFACTURER'S REQUIREMENTS
MOP2	MOP HANGER/SHELF	AMERICAN SPECIALTIES, INC. / 34" STAINLESS STEEL SHELF WITH UTILITY HOOKS AND MOP HOLDERS / 1308	
MW	MICROWAVE	GE PROFILE / 1.1 CU. FT. COUNTERTOP MICROWAVE OVEN / PEM31SFSS	ADA COMPLIANT
NA-1	NURSE STATION LAVATORY	ELKAY / LUSTERTONE CLASSIC STAINLESS STEEL 16" X 18-1/2" X 4-3/8" SINGLE BOWL UNDERMOUNT ADA SINK WITH PERFECT DRAIN / ELUHAD131645PD	ADA COMPLIANT
NA-2	NURSE STATION FAUCET	ZURN / AQUASENSE BATTERY POWERED FAUCET / Z6920-XL-HW6	HARDWIRED; 8" GOOSENECK SPOUT; ADA COMPLIANT; ADD TEMPERATURE MIXING VALVE
NA-3	NURSE STATION SOAP DISPENSER	BOBRICK / SUREFLO AUTOMATIC TOP FILL BULK FOAM SOAP DISPENSER / B-828	ADA COMPLIANT
NA-4	NURSE STATION PAPER TOWEL DISPENSER	BOBRICK / SURFACE-MOUNTED PAPER TOWEL DISPENSER / B-262	ADA COMPLIANT; TUMBLER LOCK
NA-5	NURSE STATION TRASH CAN		
REF1	REFRIGERATOR	GE / GE ENERGY STAR 19.2 CU. FT. TOP-FREEZER REFRIGERATOR / GIE19JSNRSS	ADA COMPLIANT; STAINLESS STEEL
REF2	UNDER COUNTER MEDICAL REFRIGERATOR	ACCUCOLD / 20" WIDE BUILT-IN PHARMACY ALL-REFRIGERATOR / ACR45L	ADA COMPLIANT; KEYLESS ACCESS LOCK
SB	SPECIMEN PASS BOX	AMERICAN SPECIALTIES, INC. / SPECIMEN PASS BOX WITH EXTENSION SLEEVE & FLANGE - RECESSED / 8156	ADA COMPLIANT
WASH	WASHER - FRONT LOAD	GE / ENERGY STAR 4.8 CU. FT. CAPACITY SMART FRONT LOAD WASHER WITH ULTRAFRESH VENT SYSTEM WITH ODORBLOCK / GFW550SSNWW	WHITE FINISH; ADA COMPLIANT; USE STAINLESS STEEL HOSES
	WASHER DRAIN PAN	AMERICANBUILTPRO / UNDRILLED WASHING MACHINE PAN INCL. DRAINHOSE ADAPTER	MATCH COLOR TO BASE OF WASHER
XA-1	LAVATORY	AMERICAN STANDARD / LUCERNE WALL-HUNG BATHROOM SINK 4-IN. CENTERS / 0355041.020	ADA COMPLIANT; WHITE
	FAUCET	ZURN / AQUASENSE 4" CENTERSET SENSOR FAUCET / Z6915-XL	ADA COMPLIANT; HARDWIRED; ADD TEMPERATURE MIXING VALVE
	PIPE COVER	PROFLO / P TRAP COVER / PF200WH	
XA-2	SOAP DISPENSER	BOBRICK / WALL-MOUNTED AUTOMATIC FOAM SOAP DISPENSER / B-2013	ADA COMPLIANT
XA-3	PAPER TOWEL DISPENSER	BOBRICK / SURFACE-MOUNTED PAPER TOWEL DISPENSER / B-262	ADA COMPLIANT; TUMBLER LOCK
XA-4	TRASH CAN		
XCON	X-RAY CONTROLS		PROVIDED BY TENANT
XRAY	X-RAY MACHINE	BENNETT / B-180M6F	PROVIDED BY TENANT

NOTES

- ALL APPLIANCES AND APPLIANCE ACCESSORIES TO BE PROVIDED AND INSTALLED BY G.C.
- ALL APPLIANCES TO BE STAINLESS STEEL FINISH UNLESS NOTED OTHERWISE.

RESTROOM ACCESSORY SCHEDULE

MARK	DESCRIPTION	MANUFACTURER / NAME / MODEL	REMARKS
TA-1	TOILET TISSUE DISPENSER	BOBRICK / SURFACE-MOUNTED TOILET TISSUE DISPENSER / B-2888	ADA COMPLIANT
TA-2	TOILET	AMERICAN STANDARD / MADERA CHAIR HEIGHT TOP SPUD ELONGATED BOWL / 3043001.020	WHITE
	TOILET SEAT	AMERICAN STANDARD / COMMERCIAL HEAVY DUTY OPEN FRONT ELONGATED TOILET SEAT / S901100.020	WHITE
	TOILET FLUSH	SELECTRONIC / ULTIMA EXPOSED TOILET FLUSH VALVE, DIAPHRAGM / 6247121.002	AUTOMATIC; CHROME OR STAINLESS STEEL FINISH
TA-3	MIRROR	BOBRICK / WELDED FRAME MIRROR / B-290 1836	18" X 36"
TA-4	WALL-HUNG LAVATORY	AMERICAN STANDARD / LUCERNE WALL-HUNG BATHROOM SINK 4-IN. CENTERS / 0355041.020	ADA COMPLIANT; WHITE
	FAUCET	ZURN / AQUASENSE 4" CENTERSET SENSOR FAUCET / Z6915-XL	ADA COMPLIANT; HARDWIRED; ADD TEMPERATURE MIXING VALVE
	PIPE COVER	PROFLO / P TRAP COVER / PF200WH	
TA-5	PAPER TOWEL DISPENSER	BOBRICK / SURFACE-MOUNTED PAPER TOWEL DISPENSER / B-262	ADA COMPLIANT; TUMBLER LOCK
TA-6	TRASH CAN	-	
TA-7	ROBE HOOK	BOBRICK / COMMERCIAL SINGLE ROBE & COAT HOOK / B-671	SATIN-FINISH STAINLESS STEEL
TA-8	42" ADA GRAB BAR	BOBRICK / STRAIGHT GRAB BAR / B-5806 42	ADA COMPLIANT
TA-9	36" ADA GRAB BAR	BOBRICK / STRAIGHT GRAB BAR / B-5806 36	ADA COMPLIANT
TA-10	18" ADA GRAB BAR	BOBRICK / STRAIGHT GRAB BAR / B-5806 18	ADA COMPLIANT
TA-11	SOAP DISPENSER	BOBRICK / WALL-MOUNTED AUTOMATIC FOAM SOAP DISPENSER / B-2013	ADA COMPLIANT
TA-12	WATER COOLER	ELKAY / WATER REFILLING STATION, BI-LEVEL REVERSIBLE, W/ FILTER, LIGHT GRAY / LZSLBWSLK	ADA COMPLIANT
TA-13	PAPER TOWEL DISPENSER/WASTE RECEPTACLE	BOBRICK / SEMI-RECESSED CONVERTIBLE PAPER TOWEL DISPENSER AND WASTE RECEPTACLE / B-3942	ADA COMPLIANT

NOTES

- FIXTURES AND ACCESSORIES ARE BASIS OF DESIGN. SUBMIT PRODUCT CUT SHEETS TO THE ARCHITECT FOR APPROVAL.
- REFERENCE INTERIOR ELEVATIONS FOR FIXTURE MOUNTING HEIGHTS.
- BLOCKING FOR GRAB BARS TO EXTEND 2" PAST THE CENTERLINE LENGTH GRAB BARS AND TO BE 5 1/2" WIDE.
- ALL METALLIC FIXTURES TO BE STAINLESS STEEL UNLESS NOTED OTHERWISE.

EXTERIOR LIGHT FIXTURE SCHEDULE

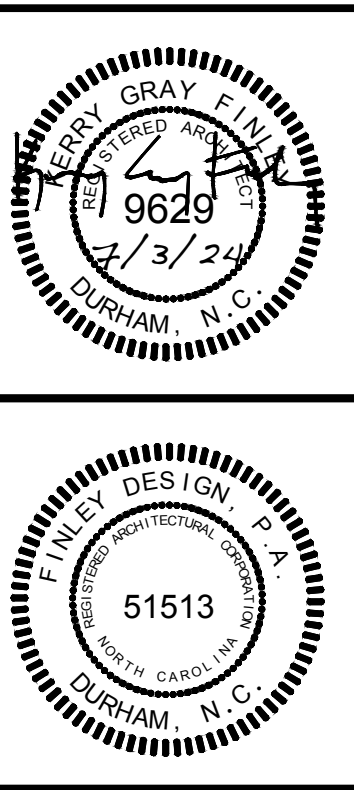
MARK	TYPE	APPLICATION / MANUFACTURER / NAME / MODEL NO.	COLOR	COLOR TEMP.	SAFETY RATED	MAKE DIMMABLE?
C1	CEILING	CANOPY / WAC LIGHTING / TUBE 5" CEILING FLUSH MOUNT / FM-W2605-AL	BRUSHED ALUMINUM	3000K	WET	NO
W1	WALL	WALL UP/DOWN / WAC LIGHTING / CALIBER / WS-W36614-AL	BRUSHED ALUMINUM	3000K	WET	NO
CAM	CAMERA	SECURITY CAMERA CONDUIT AND JUNCTION BOX (CAMERA TO BE PROVIDED AND INSTALLED BY OWNER)				

INTERIOR LIGHT FIXTURE SCHEDULE

MARK	TYPE	APPLICATION / MANUFACTURER / NAME / MODEL NO.	COLOR	COLOR TEMP.	SAFETY RATED	MAKE DIMMABLE?
L1	LAY-IN	2X4 DIRECT-INDIRECT LAY-IN / LITHONIA / AVANTE LED RECESSED DIRECT-INDIRECT / 2AVL4	STANDARD WHITE	3000K	NOT REQ'D	IN OFFICES AND EXAM ROOMS ONLY
L2	LAY-IN	2X2 DIRECT-INDIRECT LAY-IN / LITHONIA / AVANTE LED RECESSED DIRECT-INDIRECT / 2AVL2	STANDARD WHITE	3000K	NOT REQ'D	NO
L3	LAY-IN	2X4 DIRECT LAY-IN / LITHONIA / LED RECESSED TROFFER / 2GTL 4	STANDARD WHITE	3000K	NOT REQ'D	NO
P1	PENDANT	CHECK-IN COUNTER / SHADES OF LIGHT / LUCERNE PENDANT - MILK GLASS / PE23013 AB	BRASS/MILK GLASS	3000K	DRY	YES
R1	RECESSED	WHITE ROUND / WAC LIGHTING / FQ 4" DOWNLIGHT TRIMMED ROUND / R4FRDT-930-3000K-90-WT	WHITE	3000K	NOT REQ'D	NO
S1	SURFACE	UTILITY / LITHONIA LIGHTING / CLX / CLX L48	WHITE	4000K	DAMP	NO
S2	SURFACE	CEILING DISC / WAC LIGHTING / ROUND LED FLUSH MOUNT 15" / FM-15RN-930-WT	WHITE	3000K	DAMP	NO



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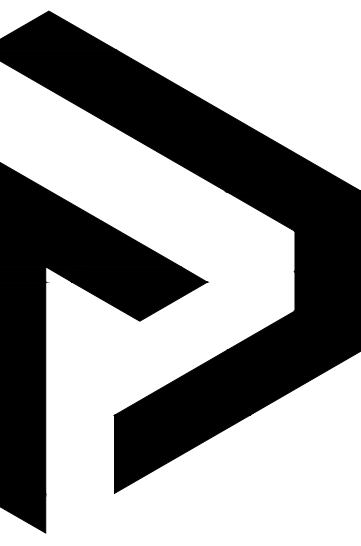
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NO.	DESCRIPTION

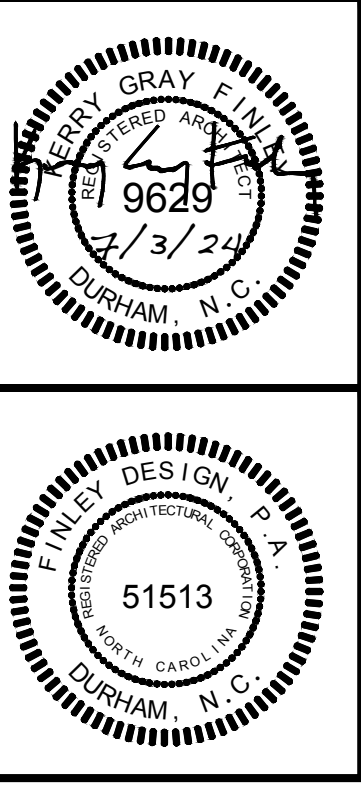
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DATE: 7/3/24
DRAWN BY: KEL
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ADDITIONAL SCHEDULES

A11.4



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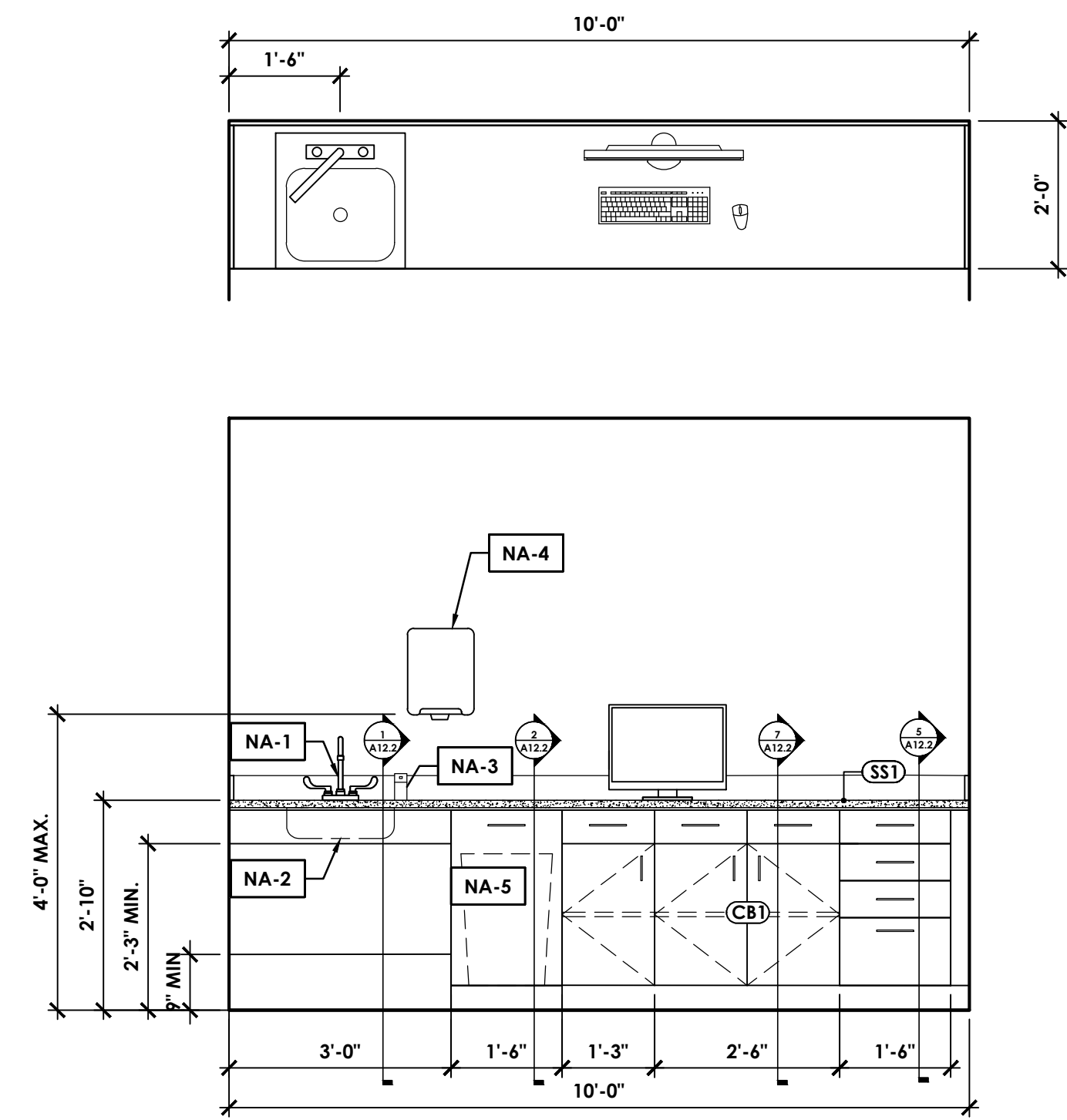
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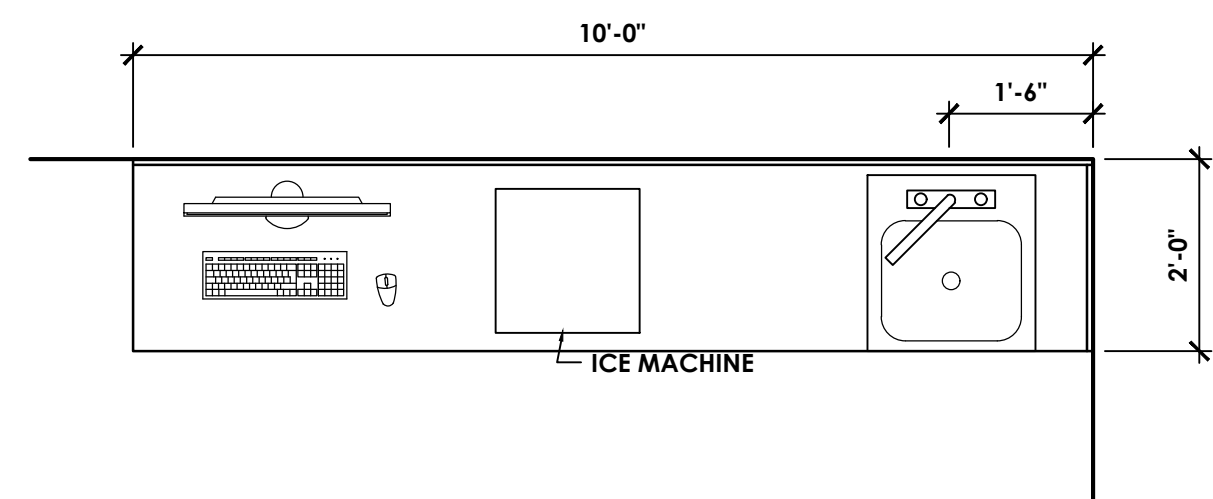
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MILLWORK

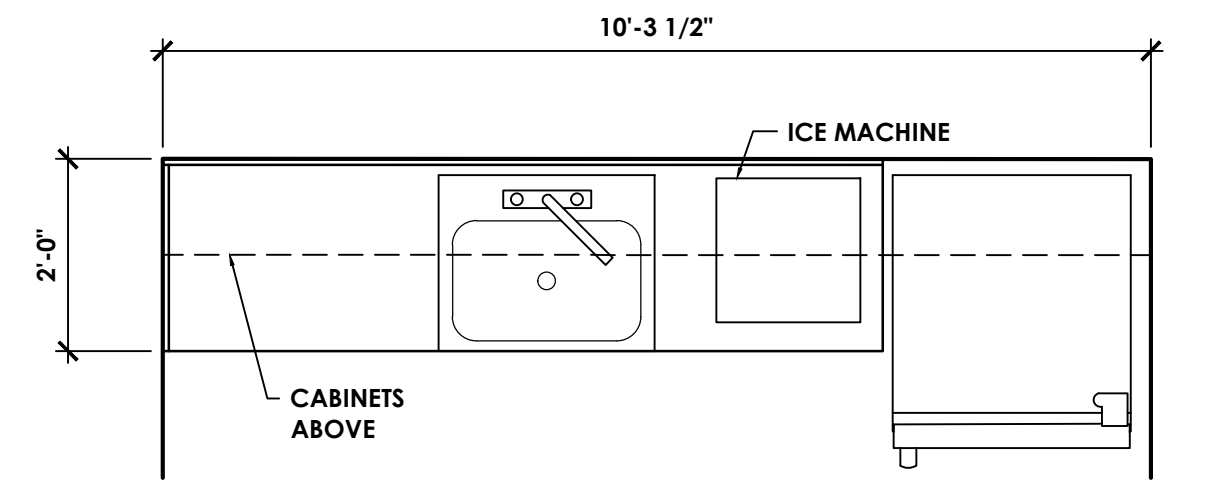
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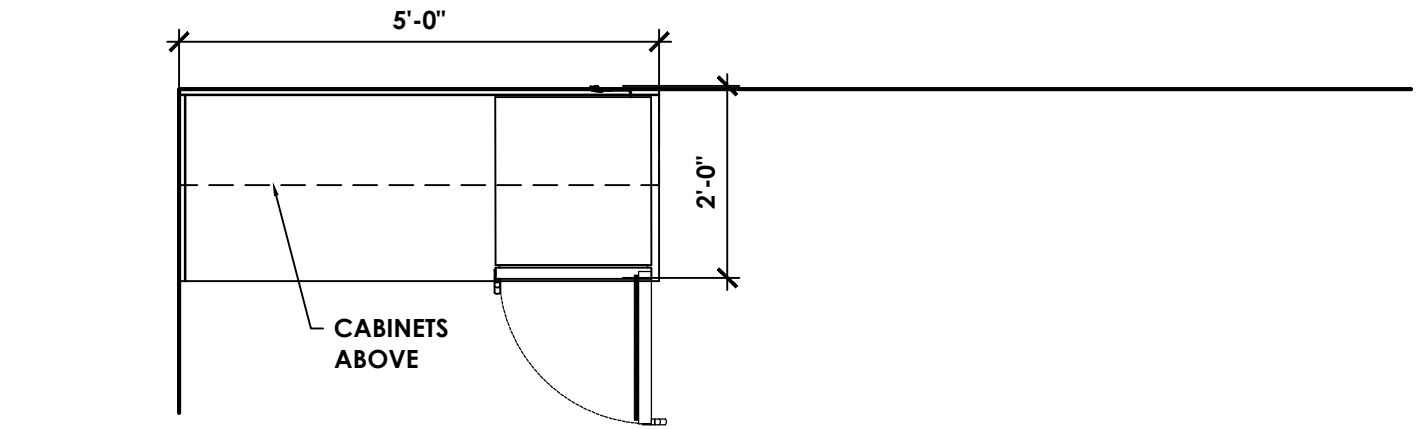
5 NURSE STATION 110
 Scale: 1/2" = 1'-0"



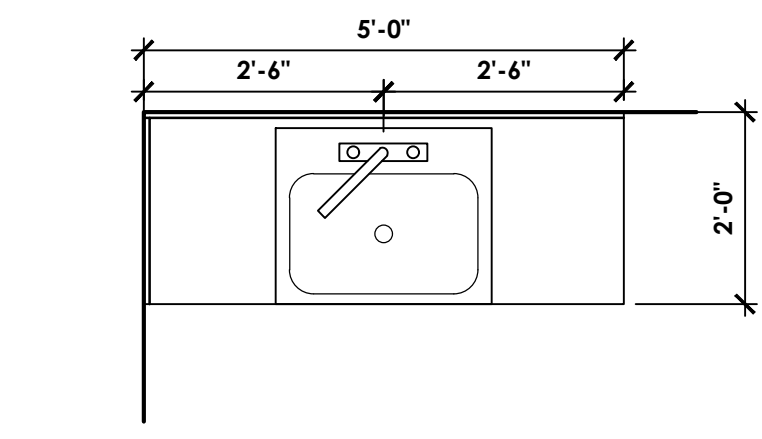
2 NURSE STATION 118
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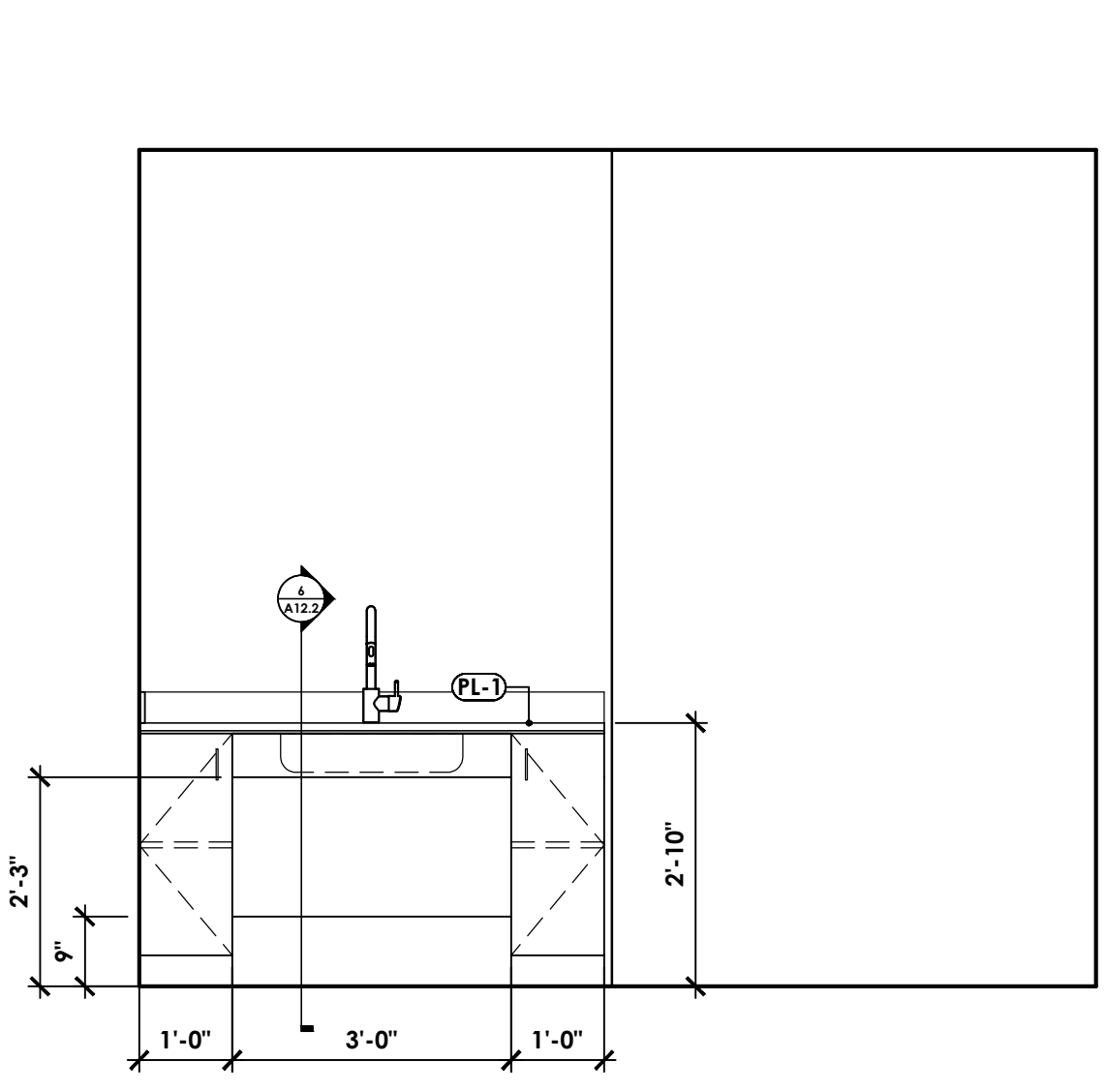
3 BREAK ROOM 113
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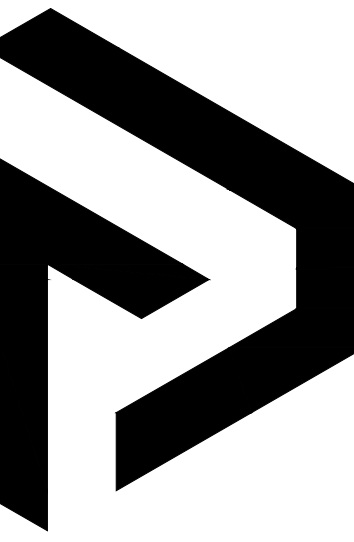
1 EXAM ROOMS
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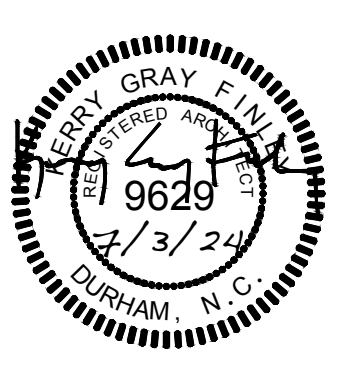
4 LAUNDRY ROOM
 Scale: 1/2" = 1'-0"



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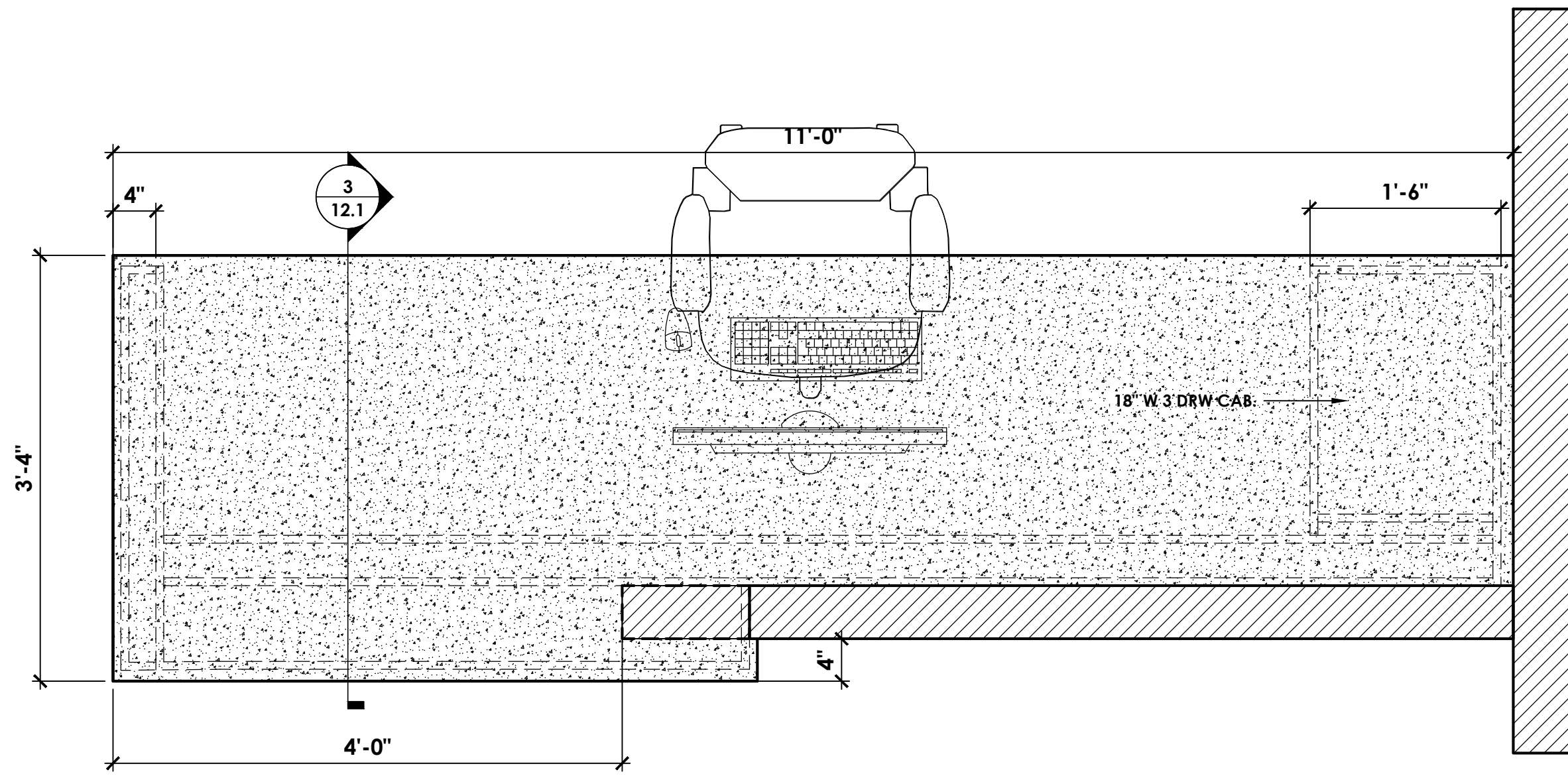
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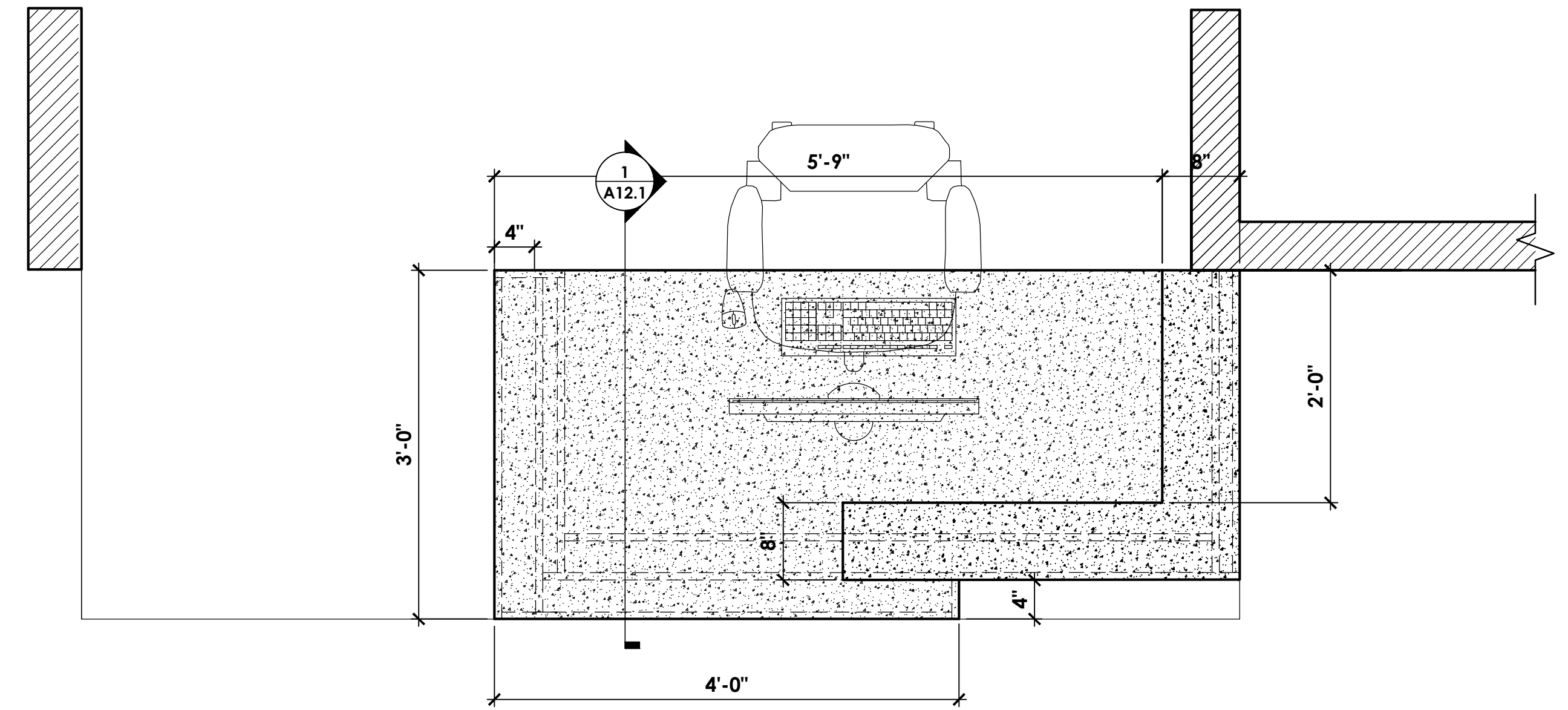
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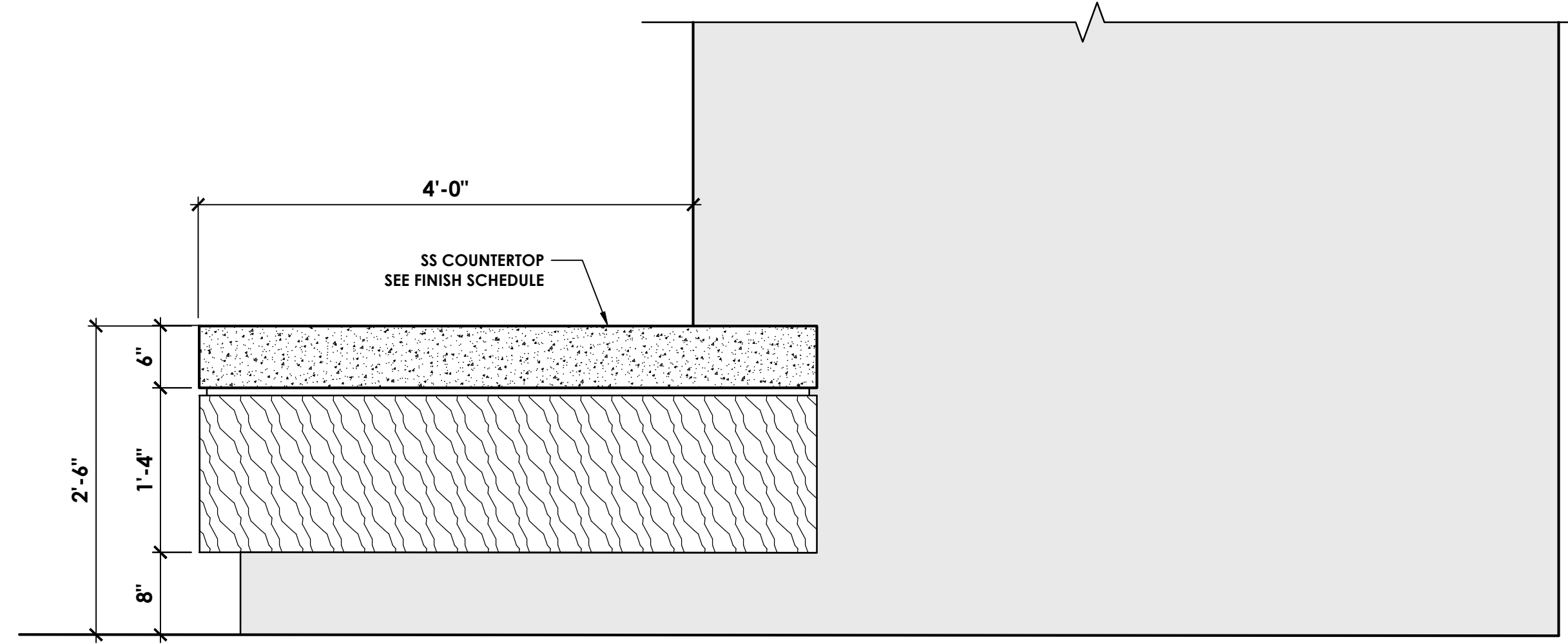
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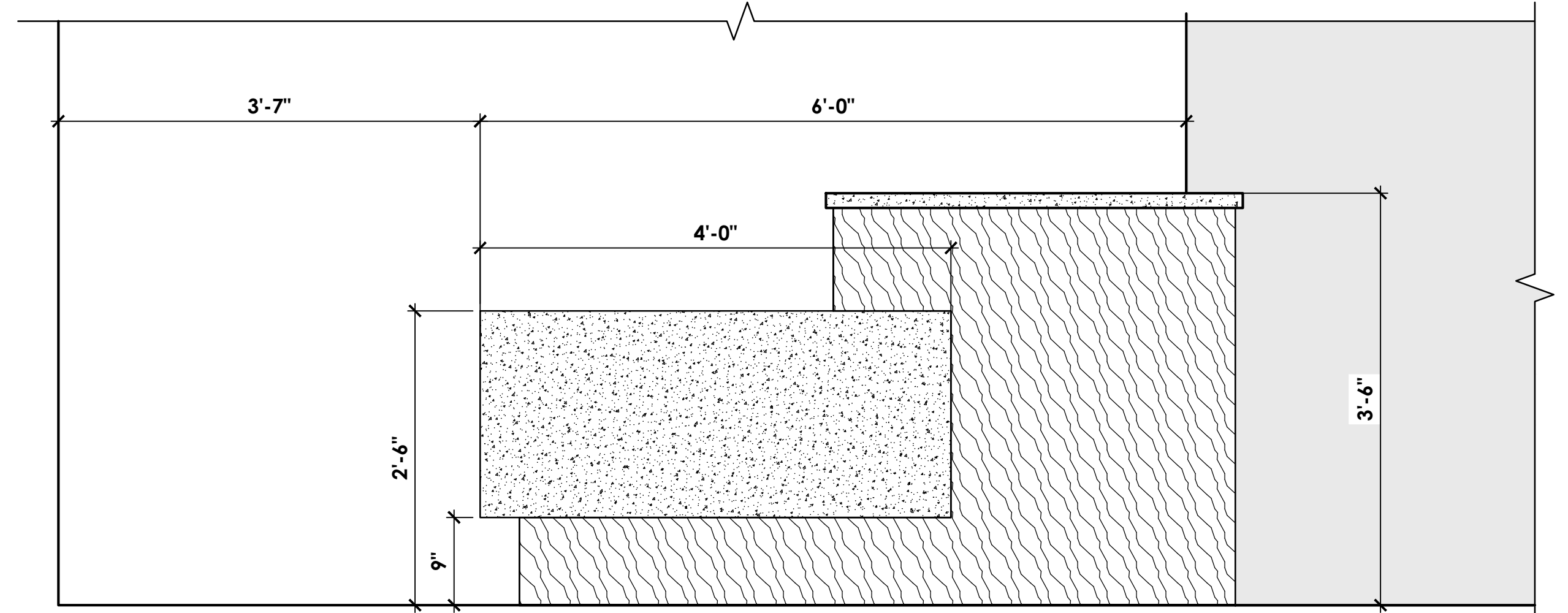
7 RECEPTION DESK PLAN
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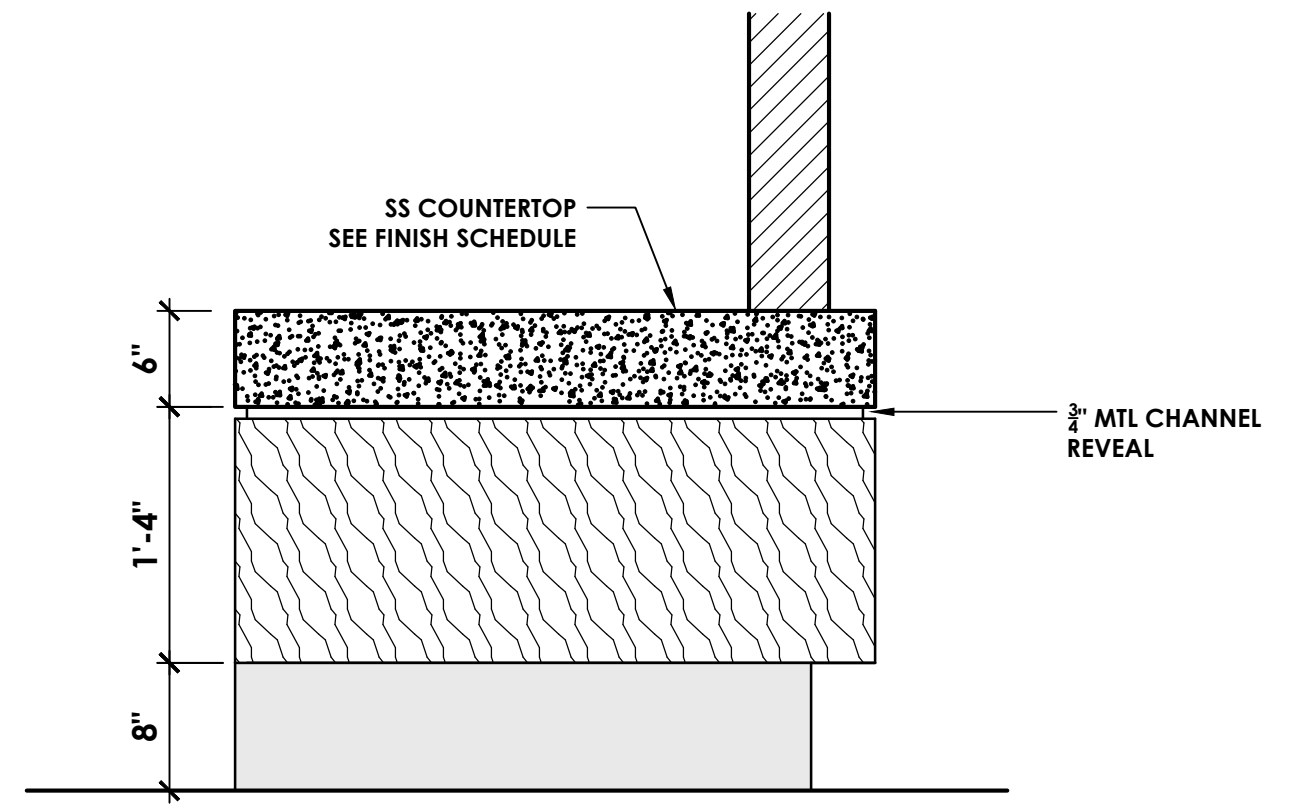
6 RECEPTION DESK PLAN
 Scale: 1" = 1'-0"



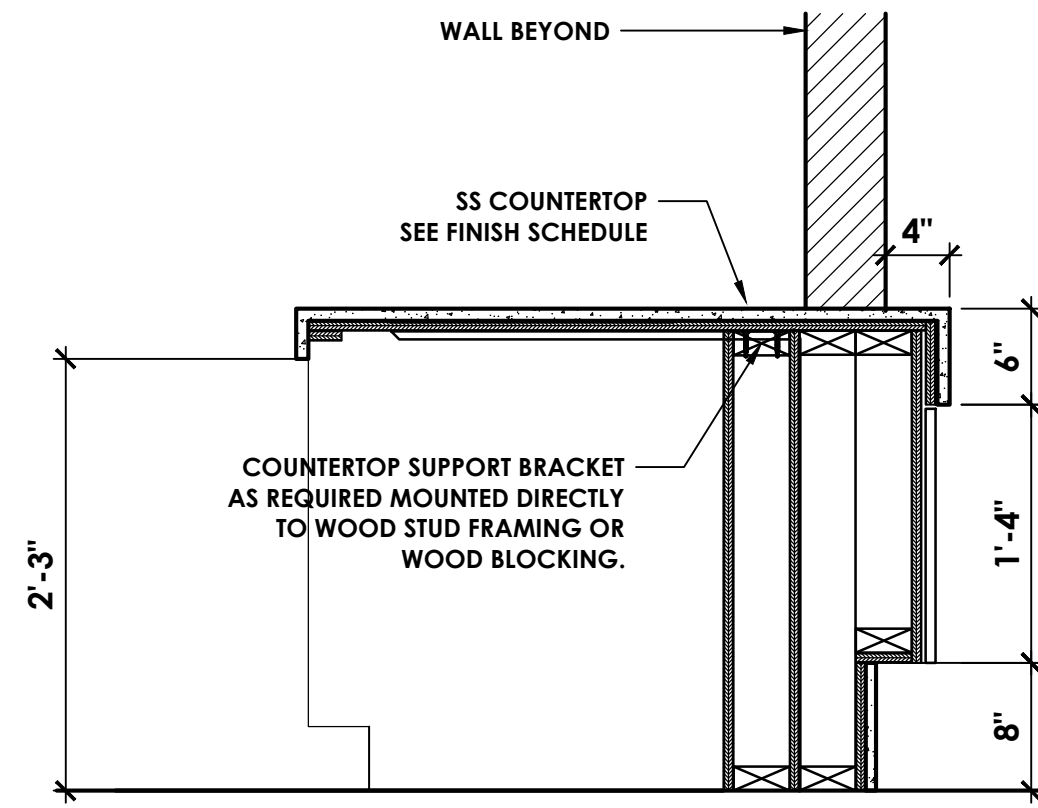
5 FRONT ELEVATION
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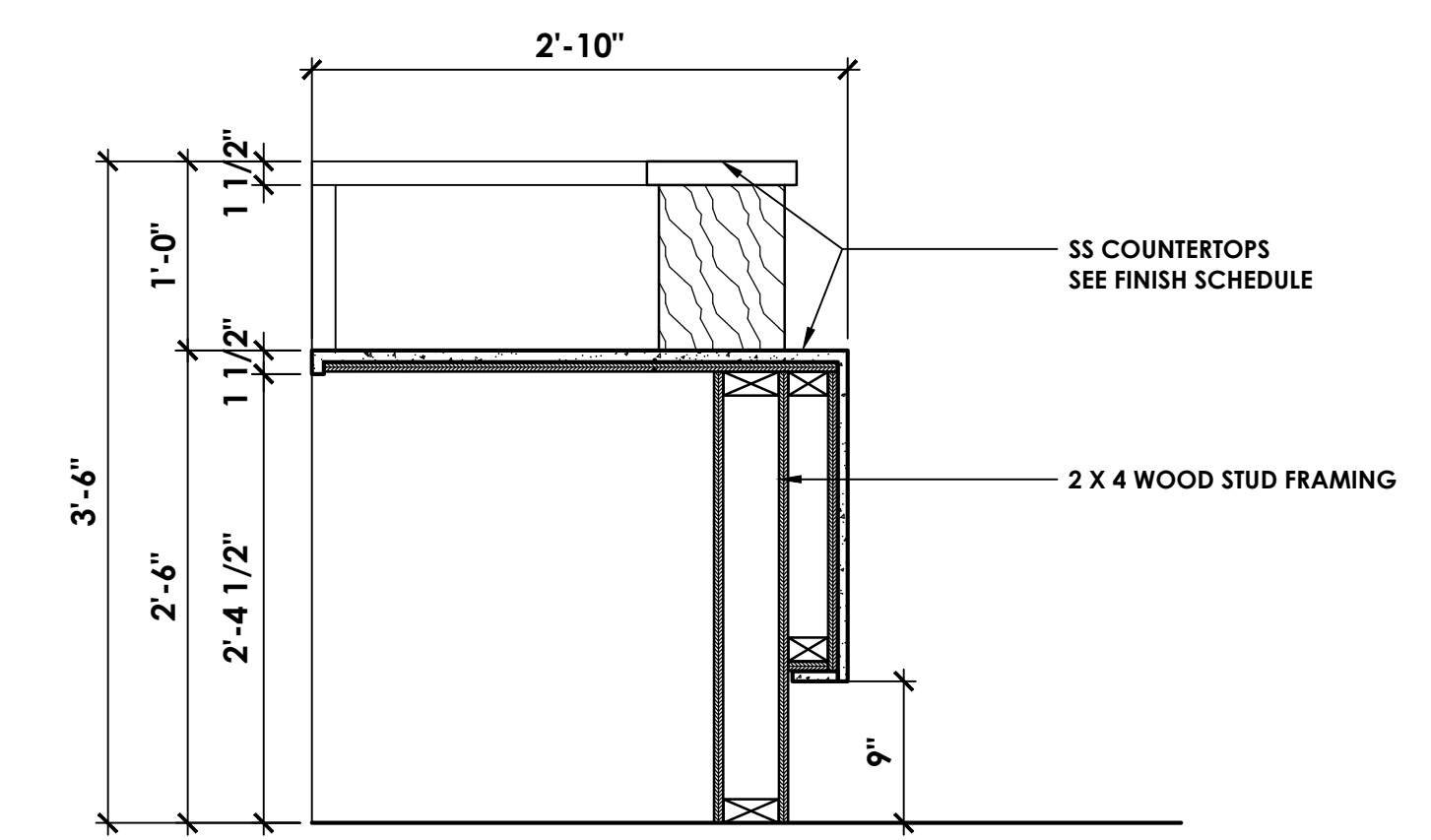
4 FRONT ELEVATION
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3 SIDE ELEVATION
 Scale: 1" = 1'-0"



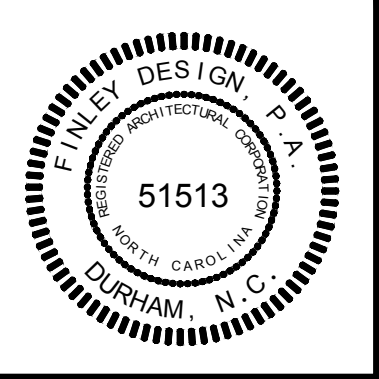
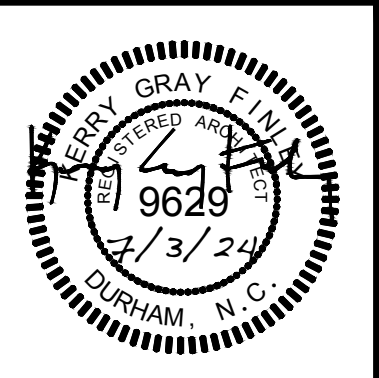
2 SECTION
 Scale: 1" = 1'-0"



1 SECTION
 Scale: 1" = 1'-0"



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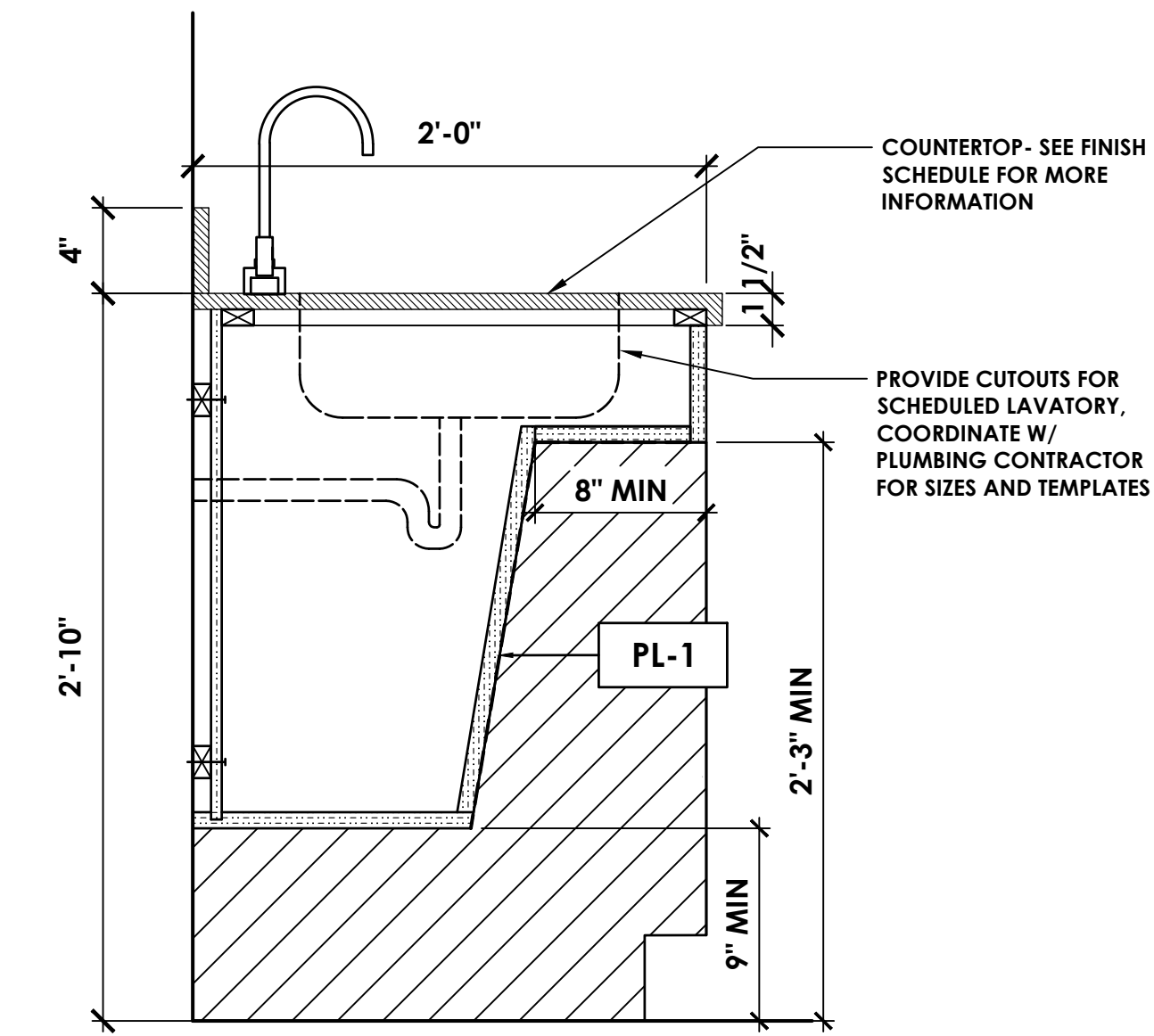
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MILLWORK SECTIONS

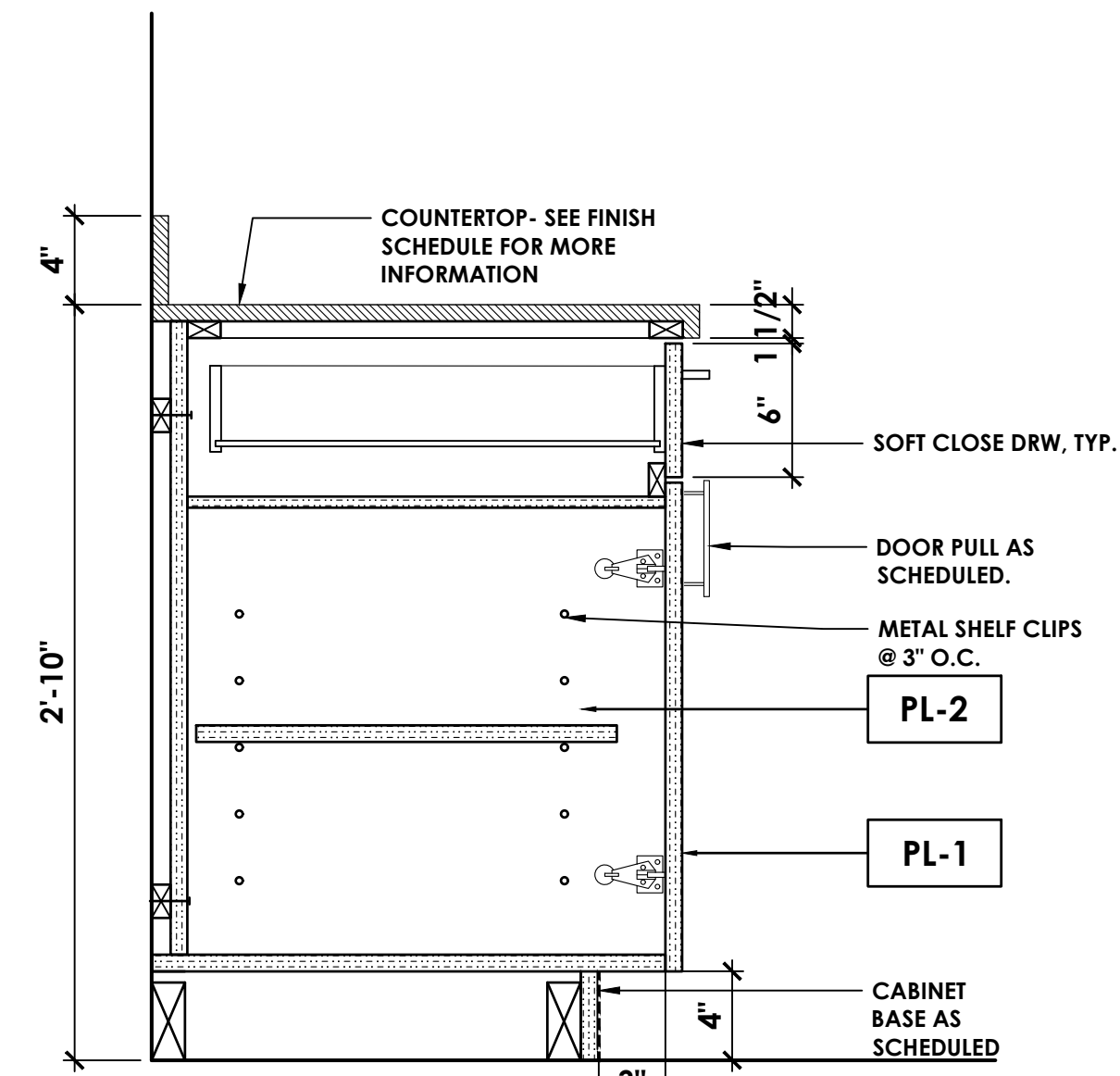
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MILLWORK NOTES

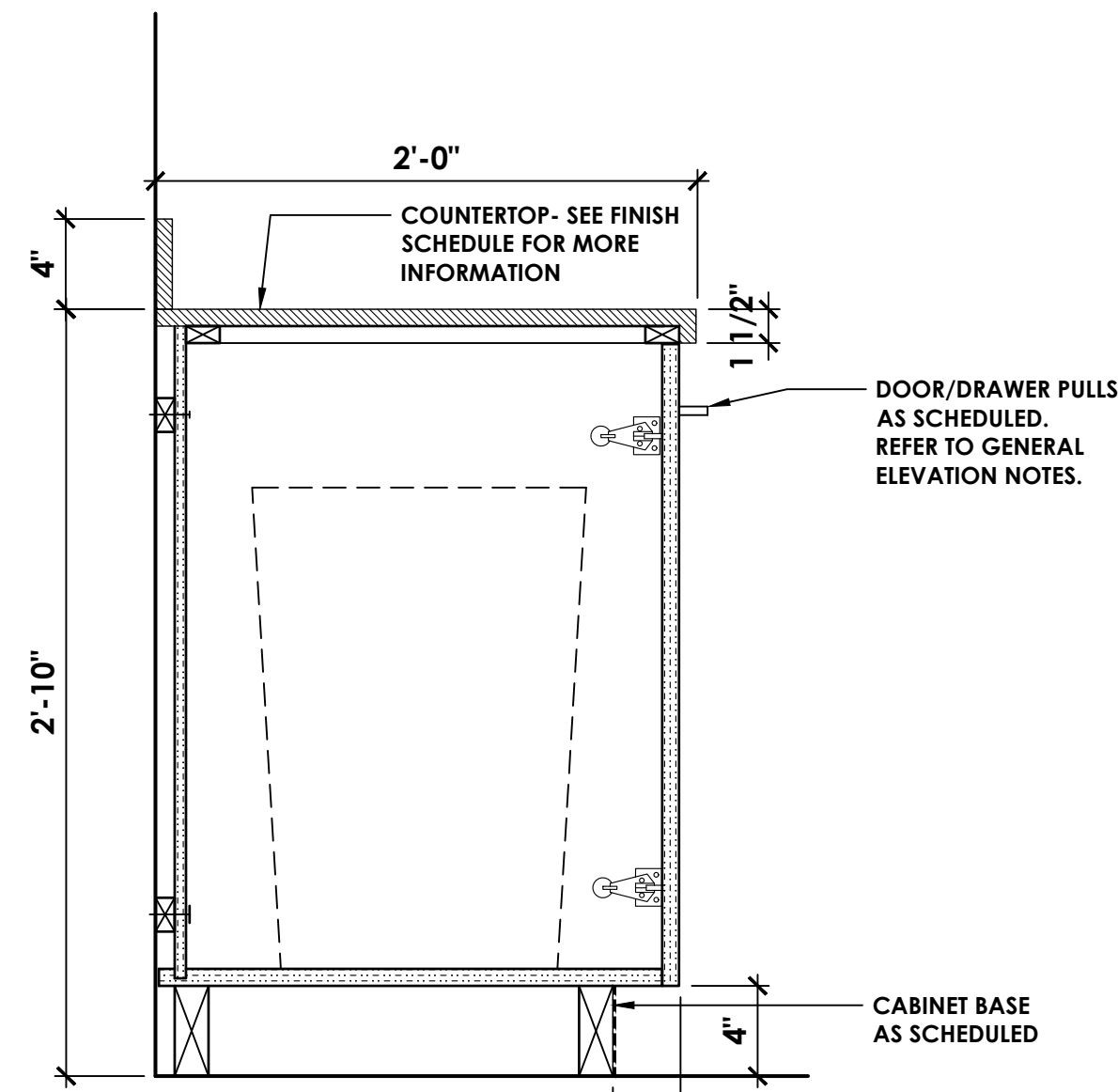
- UPPER CABINETS TO HAVE TWO ADJUSTABLE SHELVES UNLESS NOTED OTHERWISE.
- BASE CABINETS TO HAVE ONE ADJUSTABLE HALF-DEPTH SHELF UNLESS NOTED OTHERWISE.
- PROVIDE 4" TOE SPACE BELOW ALL BASE CABINETS.
- FIELD VERIFY ALL EXISTING CONDITIONS BEFORE CABINETS ARE ORDERED.
- PROVIDE END PANELS AND FILLER STRIPS WHERE REQUIRED.



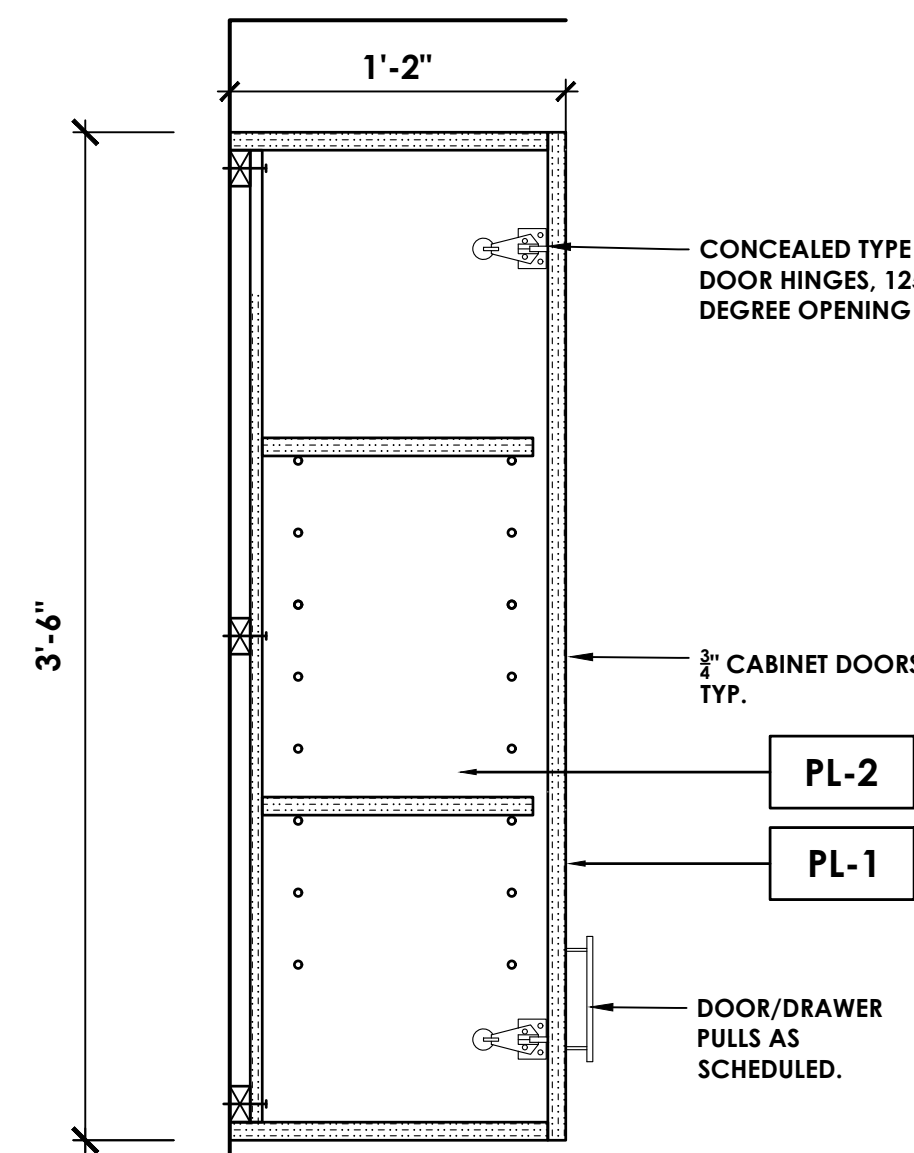
6 BASE LAV. CABINET ACCESSIBLE
Scale: 1 1/2" = 1'-0"



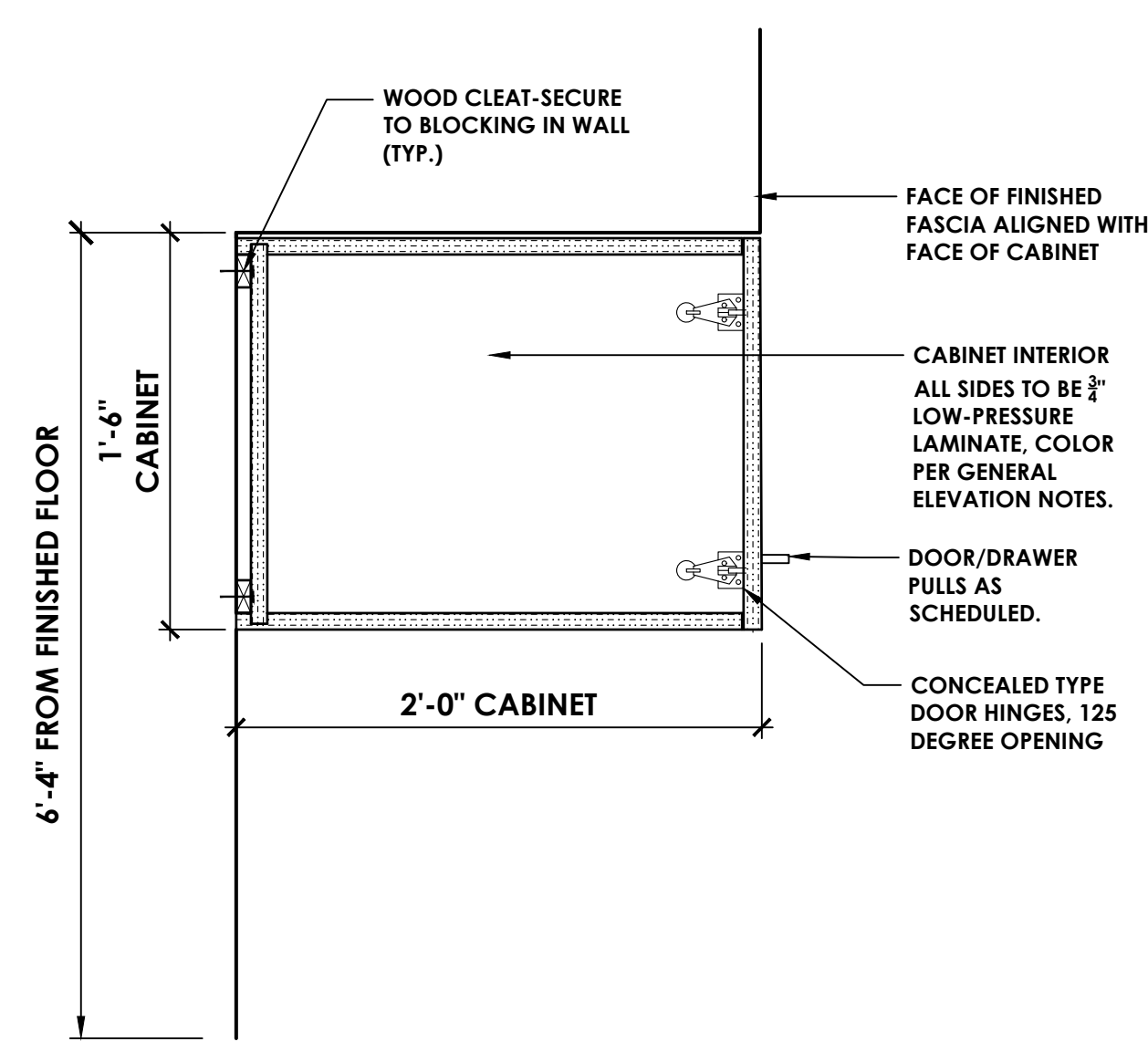
7 BASE CABINET SECTION
Scale: 1 1/2" = 1'-0"



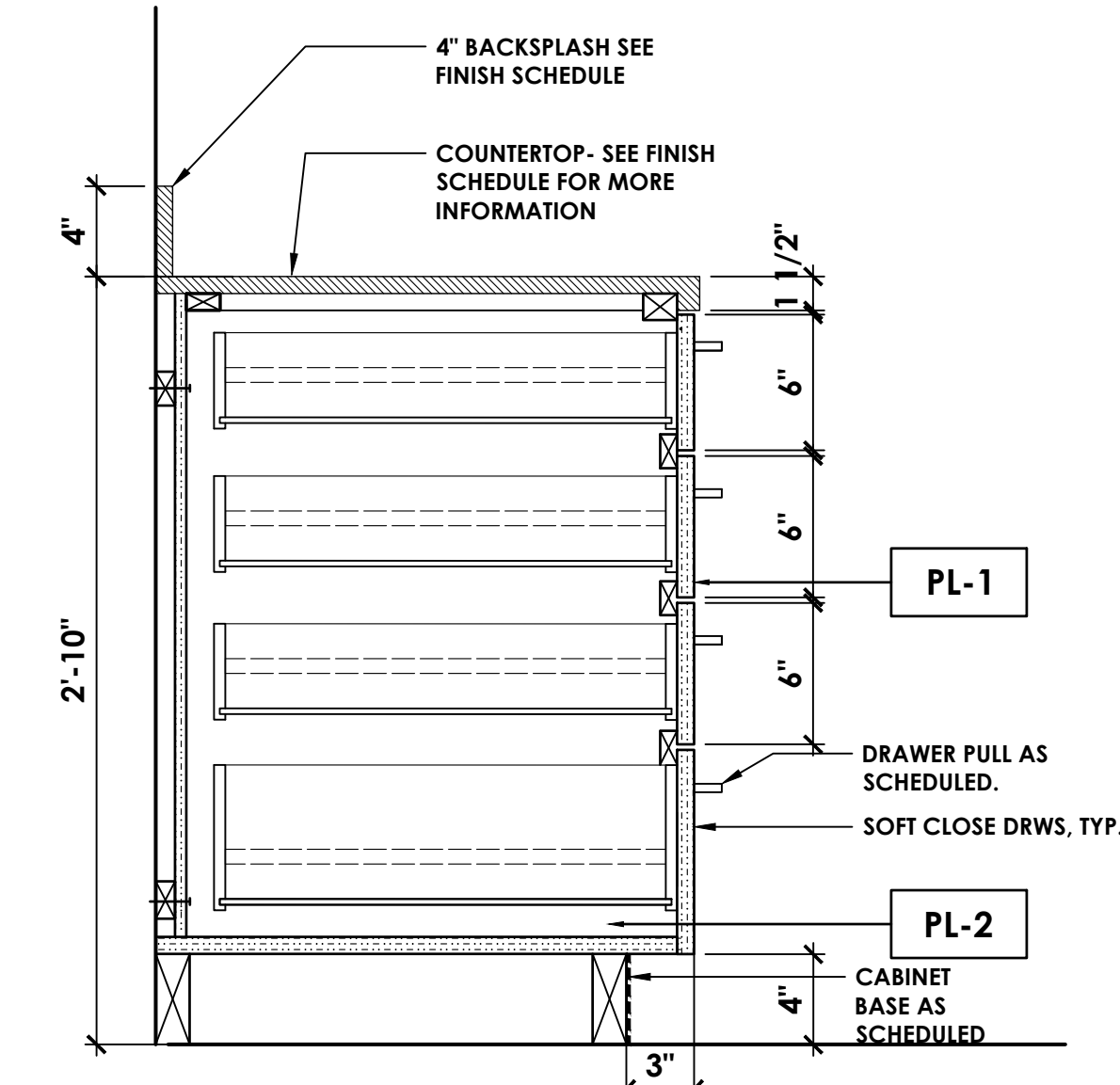
8 BASE CABINET TRASH BIN
Scale: 1 1/2" = 1'-0"



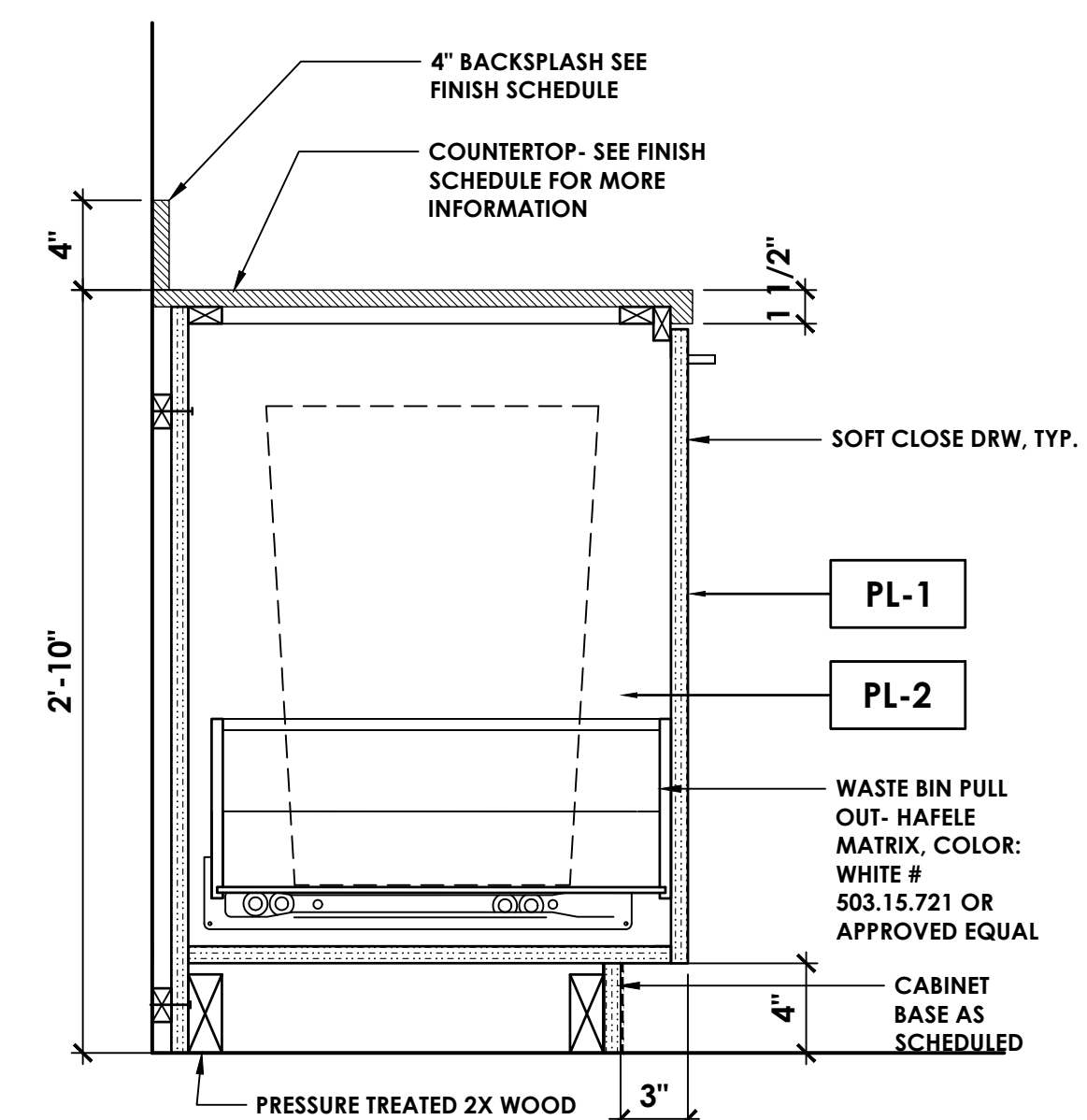
1 BASE AND UPPER CABINET SECTION
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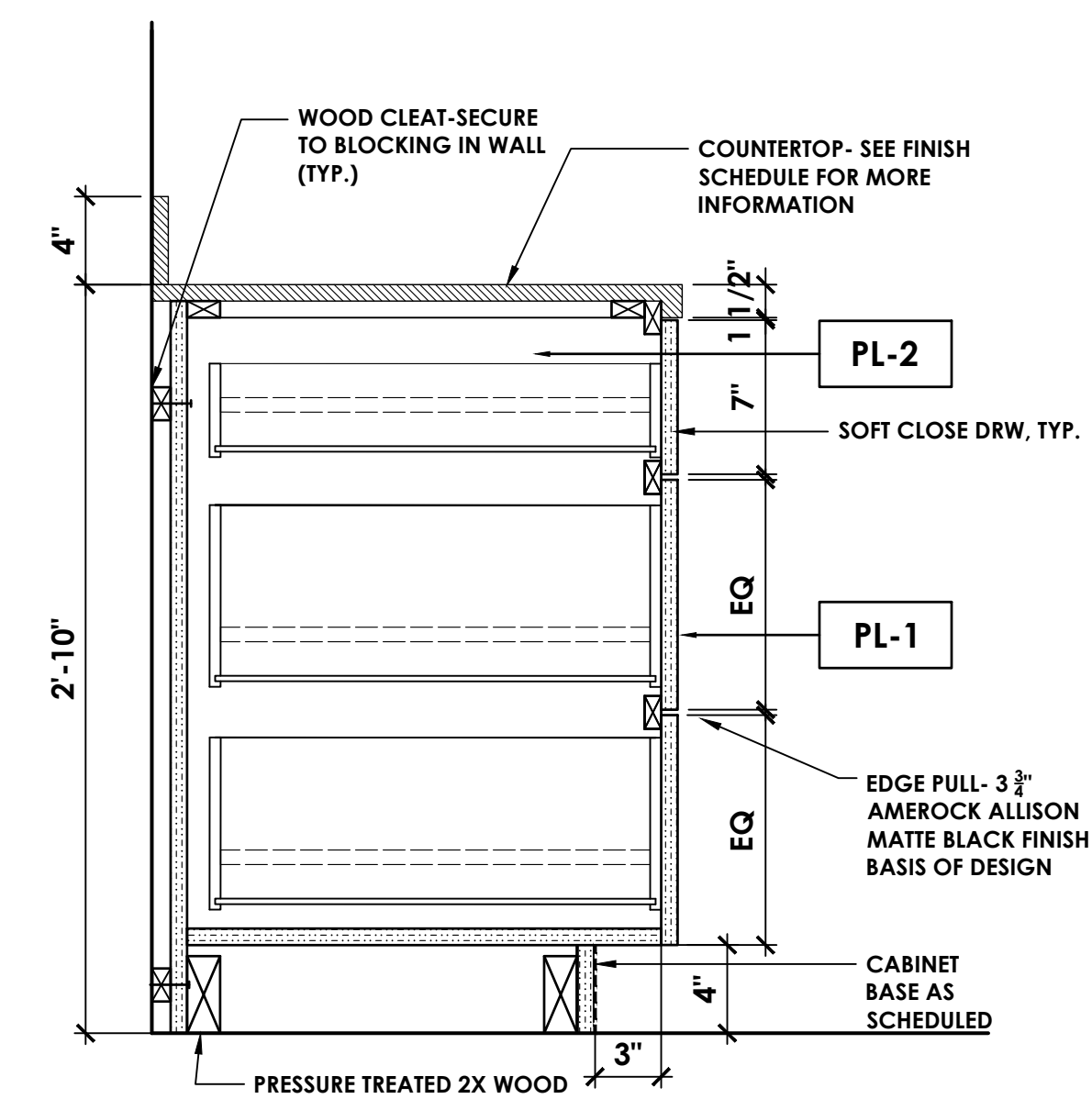
4 UPPER CABINET SECTION TYP.
Scale: 1 1/2" = 1'-0"



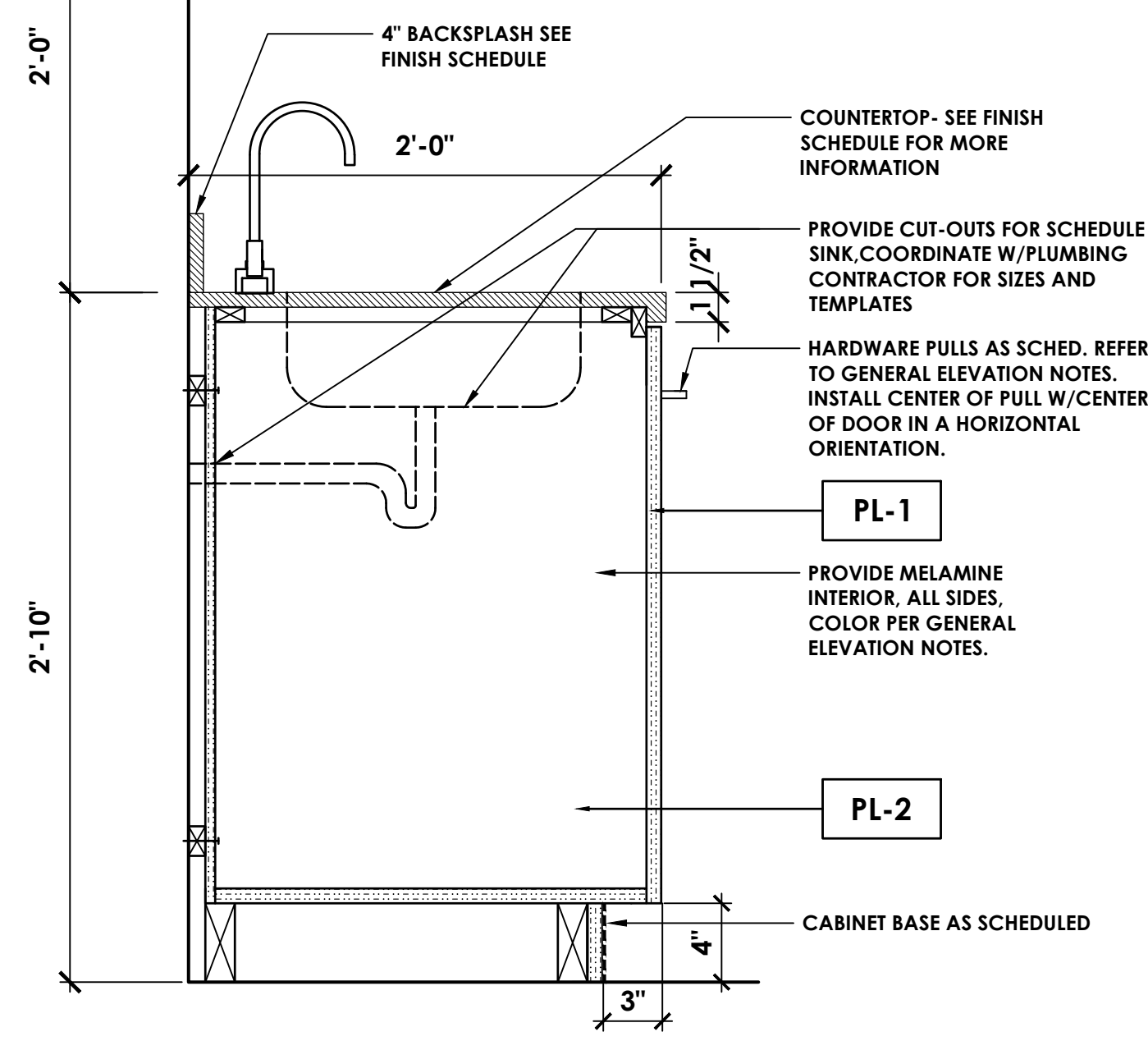
5 BASE CABINET SECTION
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2 BASE CABINET SECTION
Scale: 1 1/2" = 1'-0"



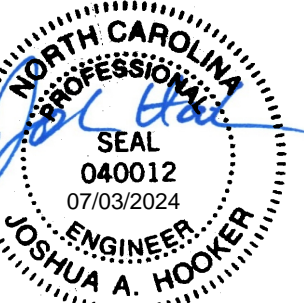
3 BASE CABINET SECTION
Scale: 1 1/2" = 1'-0"



1 BASE AND UPPER CABINET SECTION
Scale: 1 1/2" = 1'-0"



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ISSUED FOR PERMIT

ANGIER MEDICAL COMPLEX
BUILDING 2
ANGIER, NC

REVISIONS

PROJECT: 2344
DATE: 7/3/2024
DRAWN BY: JD
CHECKED BY: JMS
DESIGN CRITERIA & GENERAL NOTES
SO.0

DESIGN CRITERIA

- STRUCTURE HAS BEEN DESIGNED TO COMPLY WITH:
2018 NORTH CAROLINA STATE BUILDING CODE: BUILDING CODE IBC 2015
ASCE 7-10
ACI 318-14
ACI 530-1
AISC 360-10
AWS D1.1, D1.3 AND D1.8
NDS-15 AND SDPW-15
- RISK CATEGORY II
- LIVE LOADS:
TYPICAL ROOF 20 PSF (REDUCIBLE)
- SNOW:
GROUND SNOW 15 PSF
SNOW EXPOSURE FACTOR 1.0
THERMAL FACTOR 1.0
IMPORTANCE FACTOR 1.0
FLAT ROOF SNOW 10.5 PSF
DESIGN SNOW 10.5 PSFSSS
RAIN-ON-SNOW SURCHARGE 5 PSF
BUILDING ONE SNOWDRIFT 44 PSF FOR 11'
BUILDING TWO SNOW DRIFT 25 PSF FOR 6'-4"
- SEISMIC:

	BUILDING 1	BUILDING 2
RISK CATEGORY	II	II
SEISMIC DESIGN CATEGORY	B	B
IMPORTANCE FACTOR	1.0	1.0
SOIL CLASS	D	D
Ss	0.17 g	0.17 g
S1	0.08 g	0.08 g
Ssb	0.185 g	0.185 g
Sd1	0.133 g	0.133 g
SEISMIC FORCE RESISTING SYSTEM	LIGHT FRAME WOOD WALLS WITH STRUCTURAL WOOD SHEAR PANELS	LIGHT FRAME WOOD WALLS WITH STRUCTURAL WOOD SHEAR PANELS
ALLOWABLE STORY DRIFT	0.02h	0.02h
R	6.5	6.5
Cd	4	4
Qd	3	3
ρ	1.0	1.0
ANALYSIS PROCEDURE	EQUIVALENT LATERAL FORCE	EQUIVALENT LATERAL FORCE
SEISMIC RESPONSE COEFFICIENT, Cs	0.028	0.028
DESIGN BASE SHEAR, STRENGTH LEVEL	V = 16.6 KIPS	V = 7.7 KIPS
- WIND:
BASIC WIND SPEED V_{ULT} = 116 MPH & V_{ASD} = 90 MPH
IMPORTANCE FACTOR 1.0
EXPOSURE CLASS C
INTERNAL PRESSURE COEFFICIENT, C_{pi} ± 0.18
BUILDING 1 BASE SHEAR, STRENGTH LEVEL V = 95.2 KIPS, E-W V = 41.1 KIPS, N-S
BUILDING 2 BASE SHEAR, STRENGTH LEVEL V = 63.0 KIPS, E-W V = 37.9 KIPS, N-S
- ALL LATERAL LOAD RESISTANCE AND STABILITY OF THE BUILDING IN THE COMPLETED STRUCTURE IS PROVIDED BY LIGHT FRAME WOOD WALLS WITH STRUCTURAL WOOD SHEAR PANELS IN EACH ORTHOGONAL DIRECTION. SEE PLANS FOR LOCATIONS. THE WOOD DECKING SERVE AS HORIZONTAL DIAPHRAGMS DISTRIBUTING THE LATERAL FORCES TO THE VERTICAL LATERAL ELEMENTS WHICH IN TURN CARRY THE LOAD TO THE BUILDING FOUNDATIONS.

GENERAL

- DURING THE CONSTRUCTION PERIOD, THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAFETY OF PERSONNEL AND PROPERTY ON AND AROUND THE JOBSITE. THE CONTRACTOR SHALL PROVIDE ADEQUATE SHORING, BRACING, GUYS, ETC. IN ACCORDANCE WITH ALL NATIONAL, STATE, AND LOCAL SAFETY ORDINANCES.
- ALL DRAWINGS ARE CONSIDERED TO BE A PART OF THE CONTRACT DOCUMENTS. THE GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE REVIEW AND COORDINATION OF ALL DRAWINGS PRIOR TO THE START OF CONSTRUCTION. ANY DISCREPANCIES SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE START OF CONSTRUCTION. NO CLAIMS OR LITIGATION CAN BE ISSUED. ANY WORK PERFORMED IN CONFLICT WITH THE CONTRACT DOCUMENTS OR ANY CODE REQUIREMENTS SHALL BE CORRECTED BY THE CONTRACTOR AT THEIR OWN EXPENSE AND AT NO EXPENSE TO THE OWNER OR ARCHITECT.
- STRUCTURAL SUBSTITUTIONS MAY BE ALLOWED WITH THE APPROVAL OF THE STRUCTURAL ENGINEER. SUPPLIER SHALL PROVIDE SEALED DESIGN CALCULATIONS OR SUITABLE PRODUCT LITERATURE FOR THE COMPONENTS.
- ALL DIMENSIONS AND SITE CONDITIONS SHALL BE VERIFIED BY THE CONTRACTOR AT THE JOBSITE PRIOR TO CONSTRUCTION. START OF SHOP DRAWINGS, START OF CONSTRUCTION, AND/OR FABRICATION OF MATERIALS, IF DISCREPANCIES ARE ENCOUNTERED, OR CONDITIONS DEVELOP THAT ARE NOT COVERED BY THE CONTRACT DOCUMENTS, THE ARCHITECT SHALL BE NOTIFIED FOR CLARIFICATION.
- CONTRACTOR SHALL PROVIDE AND BE RESPONSIBLE FOR THE PROTECTION AND REPAIR OF ADJACENT EXISTING SURFACES AND AREAS WHICH MAY BE DAMAGED AS A RESULT OF NEW WORK.
- STRUCTURAL DRAWINGS INCLUDE DESIGN REQUIREMENTS AND DIMENSIONS FOR STRUCTURAL INTEGRITY BUT DO NOT SHOW ALL DETAIL DIMENSIONS TO FIT INTRICATE ARCHITECTURAL AND MECHANICAL DETAILS. CONTRACTOR SHALL SO CONSTRUCT THE WORK SO IT WILL CONFORM TO THE CLEARANCES REQUIRED BY ARCHITECTURAL, MECHANICAL AND ELECTRICAL DESIGN.
- ALL SYMBOLS AND ABBREVIATIONS USED ON THE DRAWINGS ARE CONSIDERED TO BE CONSTRUCTION STANDARDS. IF CLARIFICATION IS REQUIRED, THE CONTRACTOR SHALL NOTIFY THE ARCHITECT PRIOR TO PROCEEDING WITH THE WORK.
- DO NOT SCALE DRAWINGS. PRINTED DIMENSIONS HAVE PRECEDENCE OVER SCALED DRAWINGS AND LARGE-SCALE OVER SMALL-SCALE DRAWINGS. CONTRACTOR TO DETERMINE FINAL DIMENSION WITH ARCHITECT.
- TYPICAL DETAILS SHALL APPLY TO SITUATIONS OCCURRING ON THE PROJECT THAT ARE THE SAME OR SIMILAR TO THOSE SPECIFICALLY REFERENCED. WHERE NO DETAILS ARE GIVEN, CONSTRUCTION SHALL BE AS SHOWN FOR SIMILAR WORK.
- THE CONTRACT DOCUMENTS REPRESENT THE FINISHED STRUCTURE. THEY DO NOT INDICATE THE METHOD OF CONSTRUCTION. THE CONTRACTOR SHALL PROVIDE ALL MEASURES NECESSARY TO PROTECT THE STRUCTURE AND SAFETY OF WORKMEN DURING CONSTRUCTION. SUCH MEASURES SHALL INCLUDE, BUT NOT BE LIMITED TO, BRACING AND SHORING FOR LOADS DUE TO CONSTRUCTION EQUIPMENT, ETC. OBSERVATION VISITS TO THE SITE BY THE ARCHITECT OR STRUCTURAL ENGINEER SHALL NOT INCLUDE INSPECTION OR APPROVAL OF THE ABOVE ITEMS AND DO NOT IN ANY WAY RELIEVE THE CONTRACTOR OF THEIR RESPONSIBILITIES FOR THE ABOVE.
- SEE ARCHITECTURAL, ELECTRICAL AND MECHANICAL DRAWINGS FOR DETAILS, CONDITIONS, PITS, TRENCHES, PADS, DEPRESSIONS, ROOF/FLOOR OPENINGS, STAIRS, SLEEVES, ITEMS TO BE EMBEDDED OR ATTACHED TO STRUCTURAL ELEMENTS, ETC., NOT SHOWN ON THE STRUCTURAL DRAWINGS.

- ESTABLISH AND VERIFY ALL OPENINGS AND INSERTS FOR MECHANICAL, ELECTRICAL AND PLUMBING WITH APPROPRIATE TRADE CONTRACTORS. OPENING SIZES AND LOCATIONS SHOWN FOR DUCTS, PIPE, INSERTS AND OTHER PENETRATIONS WHEN SHOWN ARE FOR GENERAL INFORMATION ONLY AND SHALL BE VERIFIED PRIOR TO FORMING.
- NO HOLES, NOTCHES, BLOCK-OUTS, ETC. ARE ALLOWED IN STRUCTURAL ELEMENTS UNLESS SPECIFICALLY DETAILED ON THE STRUCTURAL DRAWINGS OR APPROVED BY THE STRUCTURAL ENGINEER.
- PENETRATIONS SHALL BE CAST-IN-PLACE AND SHALL NOT BE PERMITTED EXCEPT AS SHOWN IN THE STRUCTURAL DRAWINGS.

SUBMITTALS

- SUBMITTALS ARE:
 - CONCRETE MIX DESIGNS
 - MATERIAL PRODUCT DATA FOR STRUCTURAL MATERIALS
 - CONCRETE REINFORCING
 - ENGINEERED LUMBER
 - PANELIZED WALLS FOR WOOD BUILDINGS
 - STEEL FABRICATION AND MISCELLANEOUS METALS
 - MASONRY REINFORCING AND PRODUCT DATA
- SUBMITTALS SHALL BE REVIEWED AND COORDINATED PRIOR TO SUBMITTING TO THE ARCHITECT. EACH SHOP DRAWING SUBMITTED SHALL BE STAMPED INDICATING REVIEW BY THE CONSTRUCTION MANAGER/GENERAL CONTRACTOR AND REVIEW BY THE ARCHITECT SHALL NOT BEGIN UNTIL THIS IS COMPLETE. WORK SHALL NOT BEGIN WITHOUT REVIEW BY THE ARCHITECT/STRUCTURAL ENGINEER.
- SUBMITTALS SHALL BE REVIEWED BY THE ARCHITECT/STRUCTURAL ENGINEER FOR GENERAL CONFORMANCE WITH DESIGN CONCEPT ONLY. NOTATIONS MADE BY THE ARCHITECT/STRUCTURAL ENGINEER ON THE SHOP DRAWINGS DOES NOT RELIEVE THE CONTRACTOR FROM COMPLYING WITH THE REQUIREMENTS OF THE DRAWINGS.
- FOR ADDITIONAL INFORMATION ON REQUIRED SUBMITTALS, SEE INDIVIDUAL MATERIAL SECTIONS.

DELEGATED DESIGN

- DELEGATED DESIGNS PER SECTION 107.3.4.1 SHALL BE SUBMITTED TO THE BUILDING OFFICIAL AND THE DESIGN PROFESSIONALS AND REVIEWED PRIOR TO INSTALLATION.
- DELEGATED DESIGNS ARE:
 - PREFABRICATED TRUSSES
 - PREMANUFACTURED WOOD JOISTS
 - EXTERIOR WALL SYSTEMS
 - STAIRS, ACCESS LADDERS, HANDRAILS, GUARDRAILS, AND GRATING
 - BUILDING MAINTENANCE DAVIT PEDESTALS, TIE-BACKS, AND FALL ARREST SYSTEMS
 - SEISMIC AND/OR GRAVITY SUPPORT AND ANCHORAGE FOR MECHANICAL, ELECTRICAL, PLUMBING, AND FIRE PROTECTION EQUIPMENT AND SYSTEMS
- ALL DELEGATED DESIGNS SHALL BEAR THE STAMP AND SIGNATURE OF THE QUALIFIED PROFESSIONAL ENGINEER, REGISTERED IN THE STATE WHERE THE PROJECT IS LOCATED, RESPONSIBLE FOR THE PREPARATION OF THESE DOCUMENTS.

EARTHWORK

- FOUNDATION DESIGN IS IN ACCORDANCE WITH THE BUILDING CODE ALLOWABLE BEARING PRESSURES. NO NEW GEOTECHNICAL REPORT HAS BEEN PROVIDED BY THE OWNER FOR THIS PROJECT
- SOIL PROPERTIES:
ASSUMED ALLOWABLE NET SOIL BEARING PRESSURE: 2000 PSF
FROST DEPTH 1'-6" FT
COEFFICIENT OF FRICTION 0.03
- A GEOTECHNICAL ENGINEER SHALL BE EMPLOYED TO VERIFY THAT THE PRESUMED ALLOWABLE NET SOIL BEARING PRESSURE HAS BEEN ACHIEVED PRIOR TO CONSTRUCTION. THAT ENGINEER SHALL DEVELOP AND ENSURE IMPLEMENTATION OF A SITE SUBGRADE PREPARATION PROGRAM AS REQUIRED TO ACHIEVE THE PRESUMED SOIL BEARING PRESSURE. FOOTING AND SLAB-ON-GRADE SUBGRADE PREPARATION SHALL BE IN COMPLIANCE WITH THE APPLICABLE REQUIREMENTS OF THE AUTHORITIES HAVING JURISDICTION.
- CONTRACTOR SHALL PROVIDE FOR DE-WATERING OF EXCAVATIONS FROM SURFACE WATER, GROUND WATER OR SEEPAGE. FREE GROUND WATER WAS NOT ENCOUNTERED IN THE BORINGS. DETAILS OF GROUND WATER INFORMATION CAN BE OBTAINED FROM THE ABOVE-MENTIONED GEOTECHNICAL REPORT. IF GROUND WATER SHOULD OCCUR DURING EXCAVATION, SPECIAL PROCEDURES SHALL BE IMPLEMENTED AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER.
- WHERE THERE IS NOT SUFFICIENT SPACE FOR SLOPED EMBANKMENTS, SHORING WILL BE REQUIRED. SEE THE GEOTECHNICAL REPORT FOR INFORMATION REGARDING THE DESIGN AND INSTALLATION OF THE SHORING. SHORING THAT IS NOT PART OF THE PERMANENT BUILDING SUPPORT IS THE CONTRACTOR'S RESPONSIBILITY AND OUTSIDE THIS PERMIT.
- CARE SHALL BE EXERCISED WHEN EXCAVATING OR GRADING ADJACENT TO EXISTING STRUCTURES OR IMPROVEMENTS TO NOT DAMAGE OR UNDERMINE FOUNDATIONS, WALLS, SLABS, UTILITIES, ETC.
- CONTRACTOR SHALL INVESTIGATE SITE DURING CLEARING AND EARTHWORK OPERATIONS FOR FILL MATERIAL OR BURIED STRUCTURES SUCH AS CESSPOOLS, CISTERNS AND FOUNDATIONS. IF ANY SUCH MATERIAL, OR STRUCTURES ARE FOUND, ARCHITECT/ENGINEER SHALL BE NOTIFIED IMMEDIATELY. ALL ABANDONED FOUNDATIONS, UTILITIES AND OTHER STRUCTURES THAT INTERFERE WITH NEW CONSTRUCTION SHALL BE REMOVED.
- ALL FOOTINGS AND SLABS ON GRADE SHALL BE PLACED ONTO FIRM UNDISTURBED SOIL OR CONTROLLED COMPACTED FILL, REMOVING ANY EXISTING FILL, ORGANIC MATERIAL, OR UNSUITABLE SOILS, AS RECOMMENDED BY THE GEOTECHNICAL REPORT. EXPOSED NATURAL SOIL SHALL BE PROOF ROLLED BELOW SLABS ON GRADE.
- THE CONTRACTOR SHALL DIRECT QUESTIONS REGARDING THE SUBGRADE PREPARATION REQUIREMENTS TO THE GEOTECHNICAL ENGINEER.
- FOUNDATION ELEVATIONS SHOWN DESIGNATE A MINIMUM DEPTH WHERE AN ADEQUATE SOIL BEARING PRESSURE IS EXPECTED. FOOTINGS, PIERS AND/OR WALLS SHALL BE LOWERED OR EXTENDED AS REQUIRED TO REACH SOIL MEETING THE DESIGN BEARING PRESSURE.
- THE MOISTURE CONTENT OF ONSITE CLAYEY SOILS AT THE TIME OF COMPACTION SHALL BE BETWEEN 2-3% ABOVE OPTIMUM MOISTURE CONTENT.
- ANY REQUIRED IMPORT FILL SOIL SHALL HAVE A LOW POTENTIAL FOR EXPANSION AND SHALL BE APPROVED BY THE GEOTECHNICAL ENGINEER PRIOR TO IMPORTING.

REINFORCING STEEL

- ALL REINFORCING STEEL SHALL BE DETAILED AND PLACED IN CONFORMANCE WITH THE AMERICAN CONCRETE INSTITUTE (ACI) DETAILING MANUAL (SP-096) EXCEPT AS OTHERWISE SHOWN, NOTED OR SPECIFIED.
- CONCRETE REINFORCING STEEL SHALL BE HIGH STRENGTH NEW BILLET STEEL CONFORMING TO THE FOLLOWING STANDARDS:

DEFORMED BARS	ASTM A615, GR 60	Fy = 60 KSI
WELDED WIRE REINFORCING	ASTM A1064	Fy = 65 KSI
STEEL WIRE	ASTM A1064	Fy = 60 KSI
- MINIMUM CONCRETE COVER SHALL BE PROVIDED AS FOLLOWS TO THE OUTERMOST REINFORCING BARS:

- CAST AGAINST AND PERMANENTLY IN CONTACT WITH GROUND EXPOSED TO WEATHER OR IN CONTACT WITH GROUND

#6 BARS OR LARGER	2"
#5 BARS OR SMALLER	1 1/2"
NOT EXPOSED TO WEATHER OR IN CONTACT WITH GROUND	
SLABS, JOISTS AND WALLS WITH #11 BARS OR SMALLER	3/4"
BEAMS, COLUMNS, PEDESTALS AND TENSION TIES	1 1/2"
- SUPPORTS FOR REINFORCEMENT SHALL HAVE CLASS 2 PROTECTION AS DEFINED IN THE CRSI MANUAL OF STANDARD PRACTICE, UNLESS OTHERWISE NOTED.
- ALL WELDED WIRE REINFORCING (WWR) SHALL BE LAPPED 2 PANELS AT EDGES AND ENDS.
- WHERE REINFORCEMENT LENGTH IS SPECIFIED, NO SPLICES ARE PERMITTED WITHIN THE SPECIFIED LENGTH WITHOUT APPROVAL BY THE STRUCTURAL ENGINEER.
- DOWELS BETWEEN FOOTINGS AND WALLS OR COLUMNS SHALL BE THE SAME GRADE, SIZE AND SPACING OR NUMBER AS THE VERTICAL REINFORCING, RESPECTIVELY, UNLESS OTHERWISE NOTED. PROVIDE FOUNDATION DOWELS TO MATCH SIZE AND SPACING OF WALL OR COLUMN REINFORCEMENT. EXTEND DOWELS A LAP SPLICE LENGTH INTO WALL OR COLUMN AND TERMINATE WITH STANDARD HOOK AT BOTTOM OF FOOTING, UNLESS OTHERWISE NOTED.
- REINFORCING IN WALL FOOTINGS AND GRADE BEAMS BETWEEN COLUMNS SHALL BE DEVELOPED (L_d) INTO COLUMN FOOTINGS.
- CUTTING OF REINFORCING WHICH CONFLICTS WITH EMBEDDED OBJECTS OR SLEEVES IS NOT ACCEPTABLE.
- REINFORCING BARS SHALL BE BENT COLD, AND NO METHOD OF FABRICATION SHALL BE USED WHICH WOULD BE INJURIOUS TO THE MATERIAL. HEATING OF BARS FOR BENDING IS NOT PERMITTED.
- FIELD WELDING OR BENDING OF REINFORCING IS NOT PERMITTED EXCEPT AS INDICATED ON THE DRAWINGS OR AS APPROVED BY THE STRUCTURAL ENGINEER.
- USE TEMPLATES TO SET ALL EMBEDDED ANCHOR BOLTS, LEVELING PLATES, AND DOWEL BARS AS REQUIRED OR INDICATED ON THE DRAWINGS.
- SUBMIT SHOP DRAWINGS FOR FABRICATION AND PLACEMENT OF REINFORCING STEEL. INCLUDE SCHEDULES AND DIAGRAMS OF BENT BARS AND SHOW ARRANGEMENT OF REINFORCEMENT, INCLUDING CONCRETE COVER. STRUCTURAL ENGINEER'S REVIEW WILL BE FOR COMPLIANCE WITH DESIGN REQUIREMENTS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR VERIFYING DIMENSIONS AND QUANTITIES.
- CONCRETE STRENGTHS SHALL CONFORM TO:

INTENDED USE	STRENGTH (PSI)	EXPOSURE CLASS
FOOTINGS	3000	N/A
SLAB ON GRADE	4000	N/A
UNLESS OTHERWISE NOTED	4000	N/A

NORMAL-WEIGHT 28-DAY STRENGTH UNLESS OTHERWISE NOTED.
- CEMENT
FLY ASH
FINE AND COARSE AGGREGATE
LIGHTWEIGHT AGGREGATE
WATER
AIR-ENTRAINING ADMIXTURE
WATER REDUCING ADMIXTURE
ASTM C150, TYPE I OR II
ASTM C618, TYPE C OR F
ASTM C33
ASTM C330
POTABLE
ASTM C260
ASTM C494

INTENDED USE	STRENGTH (PSI)	EXPOSURE CLASS
FOOTINGS	3000	N/A
SLAB ON GRADE	4000	N/A
UNLESS OTHERWISE NOTED	4000	N/A

- DRYPACK OR GROUT SHALL HAVE A MINIMUM 28-DAY STRENGTH OF 7000 PSI.
- SLAB-ON-GRADE CONSTRUCTION: LOCATE SAW-CUT CONTROL JOINTS ALONG COLUMN LINES WITH INTERMEDIATE JOINTS SPACED PER THE TABLE BELOW, UNLESS OTHERWISE NOTED. SLAB PANELS SHALL HAVE A MAXIMUM LENGTH TO WIDTH RATIO OF 1.5:1. PROVIDE ADDITIONAL CONTROL JOINTS AT ALL RE-ENTRANT CORNERS. SEE PLAN FOR SPECIAL CASES.

THICKNESS (IN)	MAXIMUM JOINT SPACING EACH WAY (FT)
4	12

- CROSS REFERENCE ARCHITECTURAL AND STRUCTURAL DRAWINGS TO ENSURE PROPER DIMENSIONS AND PLACEMENT OF ALL ANCHOR BOLTS, INSERTS, NOTCHES, AND EDGES OF WALLS/FOUNDATIONS PRIOR TO PLACING CONCRETE.
- UNLESS OTHERWISE NOTED, ALL FOOTINGS SHALL BE CENTERED UNDER WALLS, PIERS OR COLUMNS.
- CONSTRUCTION JOINTS SHALL BE THOROUGHLY ROUGHENED TO 1/4" AMPLITUDE BY SAND BLASTING OR MECHANICAL MEANS. CLEAN BEFORE POUR. LOCATION TO BE APPROVED BY THE STRUCTURAL ENGINEER. SUBMIT LOCATION PLAN OF ALL PROPOSED JOINTS NOT INDICATED ON DRAWINGS FOR APPROVAL PRIOR TO BEGINNING WORK.
- PRIOR TO PLACING CONCRETE, THE CONTRACTOR SHALL ENSURE ALL REINFORCING AND EMBEDMENTS, INCLUDING COLUMN ANCHOR BOLTS, ARE PROPERLY LOCATED AND SECURELY TIED IN PLACE.
- PROVIDE SLEEVES FOR PLUMBING AND ELECTRICAL PENETRATIONS THROUGH CONCRETE BEFORE PLACING. SECURE SLEEVES TO PREVENT MOVEMENT DURING PLACING OPERATIONS. SEE MECHANICAL AND ELECTRICAL DRAWINGS FOR LOCATIONS.
- CONFIRM WITH ARCHITECT THAT MATERIALS TO BE EMBEDDED ARE SUITABLE FOR EMBEDMENT IN CONCRETE.
- CONDUIT, PIPES, AND SLEEVES EMBEDDED IN CONCRETE SHALL CONFORM TO REQUIREMENTS OF ACI 318, SECTIONS 20.7 AND 28.8.
- NO ALUMINUM SHALL BE ALLOWED IN THE CONCRETE WORK UNLESS COATED TO PREVENT ALUMINUM-CONCRETE REACTION.
- WATERSTOPS SHALL BE A FLEXIBLE BENTONITE PRODUCT..
- PROJECTING CORNERS OF BEAMS, WALLS, COLUMNS, ETC., SHALL BE FORMED WITH A 3/4 INCH CHAMFER, UNLESS OTHERWISE NOTED ON ARCHITECTURAL DRAWINGS.
- SLOPE SLABS TO DRAINS OR FOR POSITIVE DRAINAGE IF NO DRAINS ARE PRESENT AND PROVIDE DEPRESSIONS WHERE SHOWN ON THE STRUCTURAL AND/OR ARCHITECTURAL DRAWINGS WITHOUT REDUCING THE THICKNESS OF SLAB INDICATED. FOR SLAB-ON-GRADE DEPRESSIONS GREATER THAN 1 INCH, SEE DETAILS FOR ADDITIONAL REINFORCING.
- INTERNALLY VIBRATE ALL CAST-IN-PLACE CONCRETE EXCEPT SLABS-ON-GRADE WHICH NEED ONLY BE VIBRATED AROUND UNDER FLOOR DUCTS AND OTHER EMBEDDED ITEMS. VIBRATE TOPS OF COLUMNS.
- CONCRETE SHALL NOT BE PERMITTED TO DROP MORE THAN 5 FEET.
- IF CONCRETE IS PLACED BY PUMPING, SUPPORT SHALL BE PROVIDED FOR THE HOSE. THE HOSE SHALL NOT BE ALLOWED TO RIDE ON THE REINFORCING AND OTHER EMBEDDED ITEMS.
- CONCRETE SLABS SHALL BE CURED BY KEEPING CONTINUOUSLY WET FOR 7 DAYS. FORMS FOR CONCRETE WALLS SHALL BE LEFT IN PLACE FOR 7 DAYS OR MAY BE STRIPPED AFTER 3 DAYS AND COATED WITH AN APPROVED CURING COMPOUND.
- NO LOADS SHALL BE PLACED ON STRUCTURAL CONCRETE SLABS WITHIN 7 DAYS AFTER CONCRETE IS PLACED. AFTER CONCRETE IS PLACED, IN NO CASE SHALL THE SUPERIMPOSED CONSTRUCTION LOADS BE GREATER THAN SPECIFIED DESIGN LIVE LOADS, UNLESS THE WORK IS SHORED.
- NOTIFY THE ARCHITECT/STRUCTURAL ENGINEER 48 HOURS MINIMUM PRIOR TO ALL POURS.
- CONTRACTOR SHALL SURVEY ALL CONCRETE WORK WITHIN 48 HOURS OF PLACING CONCRETE TO ENSURE PLACEMENT IS IN ACCORDANCE WITH PROJECT REQUIREMENTS.

- THE DESIGN AND ENGINEERING OF FORMWORK, SHORING AND RESHORING, AS WELL AS THEIR CONSTRUCTION, SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR. FORMS SHALL BE DESIGNED TO HAVE SUFFICIENT STRENGTH TO SAFELY WITHSTAND THE LOADS RESULTING FROM PLACEMENT AND VIBRATION OF THE CONCRETE AND SHALL ALSO BE DESIGNED FOR SUFFICIENT RIGIDITY TO MAINTAIN SPECIFIED TOLERANCES. CONTRACTOR SHALL SUBMIT DETAILED FORMWORK SHOP DRAWINGS TO THE ARCHITECT TO BE REVIEWED FOR GENERAL COMPLIANCE WITH THE DESIGN CONCEPT ONLY.
- CONCRETE FILL THICKNESS SHOWN ON FRAMING PLANS AND DETAIL SHEETS IS MINIMUM THICKNESS. NO ALLOWANCES HAVE BEEN SHOWN FOR ADDITIONAL CONCRETE FILL REQUIRED TO COMPENSATE FOR BEAM OR DECK DEFLECTIONS AND TO MAINTAIN SURFACE TOLERANCES SPECIFIED.
- CORING OF CONCRETE IS NOT PERMITTED UNLESS APPROVED BY THE STRUCTURAL ENGINEER.
- NO CONCRETE SHALL BE PLACED ONTO OR AGAINST SUBGRADES CONTAINING FREE WATER, FROST, ICE OR SNOW.
- DURING WINTER CONSTRUCTION, ALL FOOTINGS SHALL BE PROTECTED FROM FROST PENETRATION UNTIL THE BUILDING IS ENCLOSED AND TEMPORARY HEAT IS PROVIDED.
- GENERAL CONTRACTOR TO PROVIDE SHOP DRAWINGS FOR SIZE, LOCATION AND HEIGHT OF MECHANICAL EQUIPMENT PADS ON CONCRETE SLAB ON STEEL DECK AND SLAB-ON-GRADE.
- THE PROPOSED MATERIALS AND MIX DESIGN SHALL BE FULLY DOCUMENTED AND REVIEWED BY THE TESTING AGENCY. RESPONSIBILITY FOR OBTAINING THE REQUIRED DESIGN STRENGTH IS THE CONTRACTOR'S. SUBMIT TEST DATA ON EACH PROPOSED MIX FOR REVIEW IN ACCORDANCE WITH THE APPLICABLE CODE. MIX DESIGNS SUBMITTED WITHOUT THE REQUIRED TEST DATA WILL BE RETURNED WITHOUT REVIEW.
- PROVIDE SLAB COORDINATION DRAWING SUBMITTAL INDICATING COORDINATED LOCATIONS OF MEP PENETRATIONS, SLEEVES, OPENINGS, IN-SLAB CONDUIT/DUCT (IF ALLOWED), EMBEDS, CAST-IN ANCHORS, AND OTHER ITEMS EMBEDDED OR PENETRATING STRUCTURAL ELEVATED SLABS.

STEEL

- STRUCTURAL STEEL SHALL BE DETAILED IN ACCORDANCE WITH THE AMERICAN INSTITUTE OF STEEL CONSTRUCTION (AISC) "DETAILING FOR STEEL CONSTRUCTION" AND FABRICATED AND ERECTED IN ACCORDANCE WITH THE "SPECIFICATION FOR STRUCTURAL STEEL BUILDINGS".
- STRUCTURAL STEEL SHALL CONFORM TO ASTM STANDARDS AS NOTED BELOW:

WIDE FLANGE SHAPES	ASTM A992	Fy = 50 KSI
OTHER ROLLED SHAPES	ASTM A36	Fy = 36 KSI
HSS SECTION, SQUARE	ASTM A500, GR C	Fy = 50 KSI
BASE AND CONNECTION PLATE	ASTM A36	Fy = 50 KSI
ANCHOR RODS	ASTM F1554, GR 36	Fy = 55 KSI
HIGH STRENGTH BOLTS	ASTM F3125, GR A325	Fv = 120 KSI
HEAVY HEX NUTS	ASTM A563	
WASHERS	ASTM F436	
ELECTRODES FOR ARC WELDING	AWS 5.1, E70XX	
- HIGH STRENGTH BOLTS SHALL BE INSTALLED IN ACCORDANCE WITH AISC "SPECIFICATIONS FOR STRUCTURAL JOINTS USING HIGH-STRENGTH BOLTS". SEE DETAILS FOR BOLT SIZE AND MATERIAL ASTM DESIGNATION.
- ALL BOLTED CONNECTIONS SHALL BE GRADE A325N BEARING TYPE BOLTS, UNLESS OTHERWISE NOTED. ALL BOLTS SHALL BE INSTALLED TO A MINIMUM "SNUG TIGHT" CONDITION, UNLESS OTHERWISE NOTED.
- EXCEPT WHERE DETAILED OTHERWISE, FABRICATOR SHALL SELECT LRFD BOLTED (OR WELDED EQUIVALENT) SIMPLE SHEAR CONNECTIONS PER AISC 360 PART 10 TO SUPPORT LOADS INDICATED ON THE STRUCTURAL DRAWINGS. WHEN LOADS ARE NOT SHOWN, CONNECTION SHALL SUPPORT 60% OF THE TOTAL UNIFORM LOAD CAPACITY FOR EACH GIVEN BEAM SIZE AND SPAN AS LISTED IN AISC 360 TABLE 3-6. FOR COMPOSITE MEMBERS, CONNECTION SHALL SUPPORT 80% OF THE TOTAL UNIFORM LOAD CAPACITY FOR EACH BEAM SIZE AND SPAN.
- BEAM REACTIONS GIVEN ON THE CONTRACT DOCUMENTS SHALL SUPERSEDE THE PREVIOUS NOTE. IN NO CASE SHALL THE CONNECTIONS BE DESIGNED FOR AN UNFACTORED END REACTION LESS THAN 12 KIPS.
- WELD LENGTHS INDICATED ON THE DRAWINGS ARE THE NET EFFECTIVE LENGTH REQUIRED, WHERE WELD LENGTH IS NOT SPECIFIED, PROVIDE WELD ALONG ENTIRE INTERSECTION OF THE JOINED PARTS. WHERE FILLET WELD SYMBOL IS GIVEN WITHOUT INDICATION OF SIZE, USE MINIMUM WELD SIZE AS SPECIFIED IN AISC 360, TABLE J2.4.
- ALL WELDING OF STRUCTURAL STEEL SHALL BE PERFORMED BY CERTIFIED WELDERS WITH EXPERIENCE AND CERTIFICATION IN THE TYPES OF WELDING CALLED FOR. WELDES SHALL HAVE BEEN RECENTLY QUALIFIED AS PRESCRIBED IN "QUALIFICATION PROCEDURES" OF THE AMERICAN WELDING SOCIETY (AWS).
- SPLICING OF STEEL MEMBERS WHERE NOT DETAILED ON THE DRAWINGS IS PROHIBITED WITHOUT THE PRIOR APPROVAL OF THE STRUCTURAL ENGINEER AS TO LOCATION, TYPE OF SPlice AND CONNECTION TO BE MADE.
- ALL STEEL EXPOSED TO WEATHER OR AS NOTED ON PLAN SHALL BE HOT-DIP GALVANIZED AFTER FABRICATION IN ACCORDANCE WITH ASTM A123 G60. ABRADED AREAS TO BE TOUCHED UP WITH COLD GALVANIZING COMPOUND IN ACCORDANCE WITH ASTM A780.
- ALL GALVANIZED HOLLOW SECTIONS SHALL HAVE WELDED CAP PLATES TO SEAL EXPOSED ENDS.
- CUTS, HOLES, OPENINGS, ETC., REQUIRED IN STRUCTURAL STEEL MEMBERS FOR THE WORK OF OTHER TRADES SHALL BE SHOWN ON THE SHOP DRAWINGS. BURNING OF HOLES AND CUTS IN THE FIELD SHALL NOT BE ALLOWED, EXCEPT BY WRITTEN AUTHORIZATION FROM THE STRUCTURAL ENGINEER.
- FURNISH AND INSTALL MISCELLANEOUS STEEL (CURBS, HANGERS, EXPANSION JOINT ANGLES, STRUTS, ETC.) AS CALLED FOR OR AS NECESSARY PER ARCHITECTURAL AND MECHANICAL/ELECTRICAL DRAWINGS.
- GROUT FOR BASE AND BEARING PLATES SHALL BE A NON-SHRINK, NON-METALLIC PRODUCT. MINIMUM COMPRESSIVE STRENGTH AT 28 DAYS SHALL BE 7000 PSI. INSTALL GROUT PRIOR TO APPLYING SIGNIFICANT LOADING TO MEMBER.
- THE STRUCTURAL STEEL FABRICATOR SHALL FURNISH SHOP DRAWINGS OF ALL STRUCTURAL STEEL FOR ARCHITECT/STRUCTURAL ENGINEER'S REVIEW BEFORE FABRICATION.

WOOD

- STRUCTURAL SHEATHING
 - ALL PANELS TO BE PLYWOOD OF MINIMUM 5 PLY CONSTRUCTION. EACH PANEL SHALL BEAR THE QUALITY TRADEMARK STAMP OF THE AMERICAN PLYWOOD ASSOCIATION (APA).
 - ROOFS:
 - GRADE:
 - 1/2", "C"-D, GROUP 1, SPAN INDEX 32/16, EXPOSURE 1
 - 5/8", "C"-D, GROUP 1, SPAN INDEX 40/20, EXPOSURE 1
 - 3/4", "C"-D, GROUP 1, SPAN INDEX 48/24, EXPOSURE 1
 - 1 1/8", STURD-I-FLOOR, SPAN RATING 48" OC
 - PANEL EDGE SUPPORT SHALL BE EITHER TONGUE-AND-GROOVE EDGE, PANEL EDGE CLIP MIDWAY BETWEEN SUPPORTS, OR LUMBER BLOCKING (MIN 2x4 SIZE).
 - WALLS:
 - SEE ARCHITECTURAL DRAWINGS FOR TYPICAL WALL SHEATHING, UNLESS OTHERWISE NOTED. SEE PLANS FOR SHEAR WALL SHEATHING.
 - MINIMUM NAILING REQUIREMENTS UNLESS OTHERWISE NOTED:
 - ROOF:
 - NAIL SIZE: USE 0.148" x 2 1/4" GUN NAIL
 - SPACING:

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REF. SCALE IN INCHES PROJECT #24003232.00

- 1) PANEL EDGES @ 6" OC
2) INTERIOR BEARINGS @ 12" OC
3) GLULAM BEAMS AND SHEAR COLLECTORS @ 6" OC
E. PANEL LAYOUT:
i. LONG DIMENSION OF PANEL TO BE PERPENDICULAR TO FRAMING MEMBERS...

- I. ALL WOOD CONNECTIONS MADE WITH LAG SCREWS SHALL BE MADE WITH SCREWS CONFORMING TO THE REQUIREMENTS OF THE CURRENT VERSION OF ANS/ASME...
J. WHERE THERE ARE CONNECTOR NAILING ALTERNATIVES LISTED IN THE MANUFACTURER'S CATALOG...
5. GENERAL CONSTRUCTION REQUIREMENTS:

POST-INSTALLED ANCHORS

- 1. ANCHORS SERVING AS THE BASIS OF DESIGN ARE SHOWN ON THE DRAWINGS. ACCEPTABLE ALTERNATIVE ANCHORS MAY BE SUPPLIED PROVIDED THE QUANTITY AND CONFIGURATION MATCH THE CAPACITY OF THE DESIGN ANCHOR QUANTITY AND CONFIGURATION...
2. MECHANICAL ANCHORS:
a. EXPANSION ANCHORS

Table with 3 columns: ANCHORED INTO, BASIS OF DESIGN, ACCEPTABLE ALTERNATES. Includes rows for Grouted Masonry and Cracked Concrete.

Table with 3 columns: ANCHORED INTO, BASIS OF DESIGN, ACCEPTABLE ALTERNATES. Includes rows for Grouted Masonry, Cracked Concrete, and Threaded Screw Anchors.

Table with 3 columns: ANCHORED INTO, BASIS OF DESIGN, ACCEPTABLE ALTERNATES. Includes rows for Hollow Masonry, Grouted Masonry, and Concrete.

- D. ALL LUMBER, UNLESS NOTED, SHALL BE MILL SIZED AND SURFACED ON FOUR SIDES AND SHALL BE STRAIGHT STOCK...
E. ALL ROUGH CARPENTRY SHALL PRODUCE JOINTS TRUE, TIGHT, AND WELL NAILED...
G. ALL LUMBER AND PRODUCTS SHALL BE HANDLED AND STORED TO PREVENT MARRING AND MOISTURE ABSORPTION...
H. PROTECTION AGAINST DECAY AND TERMITES:
I. ALL LUMBER: WHEN IN DIRECT CONTACT WITH CONCRETE OR MASONRY SHALL BE TREATED WOOD...

METAL PLATE CONNECTED WOOD TRUSSES

- 1. DESIGN, FABRICATE, TRANSPORT, AND ERECT METAL PLATE CONNECTED WOOD TRUSSES IN ACCORDANCE WITH LATEST STRUCTURAL BUILDING COMPONENTS ASSOCIATION (SBCA) STANDARDS...
2. ROOF TRUSS DESIGN CRITERIA: LIVE LOAD, DEAD LOAD, MIN DEAD LOAD (FOR UPLIFT), WIND UPLIFT, SNOW DRIFT LOADING...
3. PREFABRICATED PRE-ENGINEERED TRUSSES ARE PERFORMANCE SPECIFIED...
4. ALL TRUSS-TO-TRUSS CONNECTIONS ARE TO BE DESIGNED BY THE TRUSS MANUFACTURER...
5. ALL PERMANENT AND TEMPORARY BRACING SHALL BE DESIGNED BY THE TRUSS MANUFACTURER...
6. COMPONENT DESIGN SHALL BE SIGNED AND SEALED BY A QUALIFIED PROFESSIONAL STRUCTURAL ENGINEER...
7. SHOP DRAWINGS SHALL SHOW THE TRUSS DESIGN LOADS, SIZE AND GRADE OF THE CHORDS AND WEBS...
8. ROOF TRUSS LIVE LOAD DEFLECTION SHALL NOT EXCEED SPAN/360...
9. FLOOR TRUSS LIVE LOAD DEFLECTION SHALL NOT EXCEED SPAN/480...

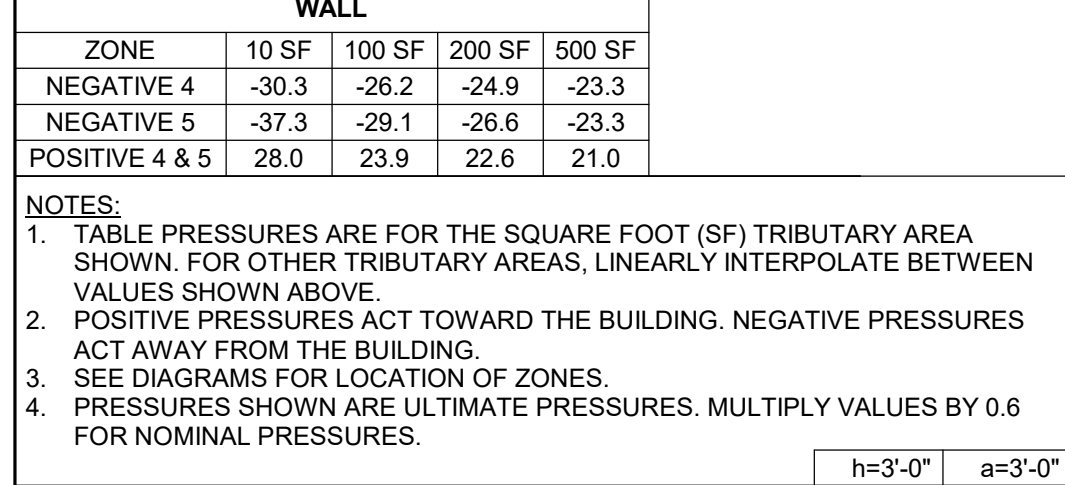
STRUCTURAL ABBREVIATION KEY. Table with columns: ABBR, DESCRIPTION, ABBR, DESCRIPTION. Lists abbreviations for materials, dimensions, and structural elements.

MATERIAL LEGEND

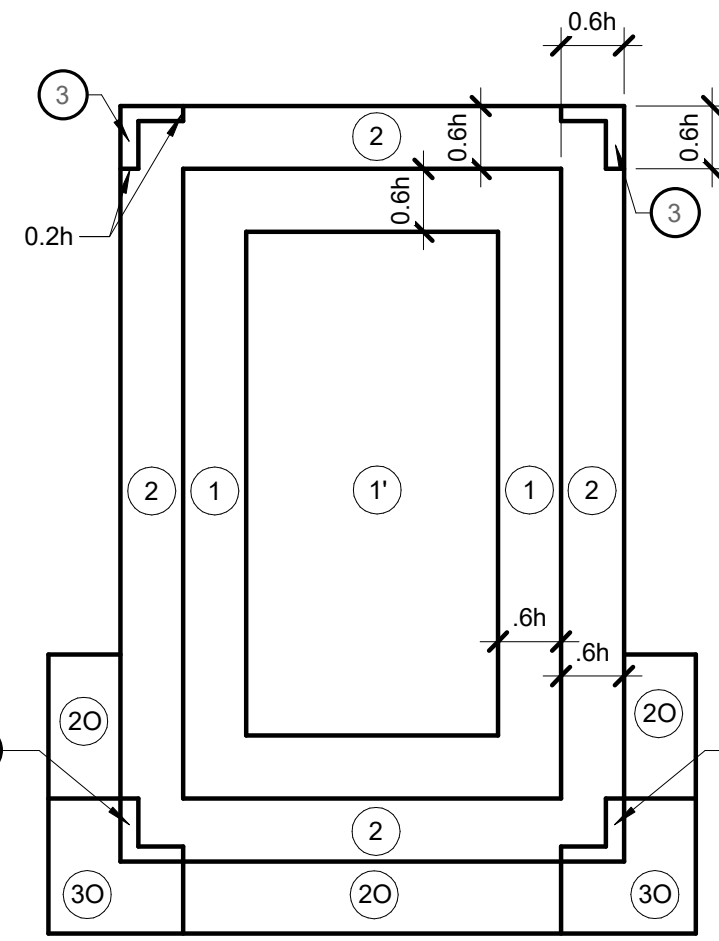
Table with columns: MATERIAL LEGEND, CONCRETE, CONCRETE - EXISTING, EARTH, GRAVEL OR GRANULAR FILL, GROUT OR DRYPACK OR SAND, CMU OR MASONRY, METAL / COLD-FORM STUD, WOOD / STUD, PRECAST CONCRETE, STEEL, OTHER/SPECIALTY.

COMPONENT & CLADDING DESIGN WIND PRESSURES (PSF)

Table showing wind pressures for Roof, Parapet, and Wall. Columns include Zone and various pressure values for different wind directions.



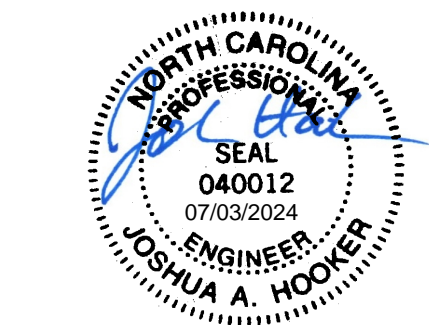
ROOF PLAN (GENERIC BUILDING SHOWN)



WALLS (GENERIC BUILDING SHOWN)



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REVISIONS

Table for revisions with columns for description, date, and initials.

PROJECT: 2344
DATE: 7/3/2024
DRAWN BY: JMS
CHECKED BY:

GENERAL NOTES, CONT

SO.1

IMEG logo and contact information: 3708 FORESTVIEW ROAD, SUITE 103, RALEIGH, NC 27612. Includes website and registration info.

TESTING, INSPECTIONS, AND OBSERVATIONS

1. THE STRUCTURAL ENGINEER DOES NOT PROVIDE INSPECTIONS OF CONSTRUCTION. STRUCTURAL ENGINEER MAY MAKE PERIODIC OBSERVATIONS OF THE CONSTRUCTION. SUCH OBSERVATIONS SHALL NOT REPLACE REQUIRED INSPECTIONS BY THE GOVERNING AUTHORITIES OR SERVE AS "SPECIAL INSPECTIONS" AS MAY BE REQUIRED BY CHAPTER 17 OF THE INTERNATIONAL BUILDING CODE.
2. SEE ARCHITECTURAL, CIVIL, MECHANICAL, PLUMBING, AND ELECTRICAL DRAWINGS OR SPECIFICATIONS FOR TESTING AND INSPECTION REQUIREMENTS OF NON-STRUCTURAL COMPONENTS.
3. DUTIES OF THE INSPECTION AGENCY PER IBC CHAPTER 17:
 - a. SUBMIT A PROPOSED TESTING AND INSPECTION PROGRAM TO THE OWNER, THE ARCHITECT AND THE STRUCTURAL ENGINEER FOR REVIEW AND APPROVAL AT LEAST TWO WEEKS PRIOR TO COMMENCEMENT OF WORK.
 - b. PERFORM ALL TESTING AND INSPECTION REQUIRED PER APPROVED TESTING AND INSPECTION PROGRAM.
 - c. FURNISH INSPECTION REPORT TO THE BUILDING OFFICIAL, THE OWNER, THE ARCHITECT, STRUCTURAL ENGINEER AND THE GENERAL CONTRACTOR. THE REPORTS SHALL BE COMPLETED AND FURNISHED WITHIN 48 HOURS OF INSPECTED WORK.
 - d. SUBMIT A FINAL SIGNED REPORT STATING WHETHER THE WORK REQUIRING SPECIAL INSPECTION WAS, TO THE BEST OF THE SPECIAL INSPECTION AGENCY'S KNOWLEDGE, IN CONFORMANCE WITH THE APPROVED PLANS AND SPECIFICATIONS.
4. SPECIAL INSPECTIONS AND TESTS ARE REQUIRED FOR MATERIALS AND SYSTEMS REQUIRED TO BE INSTALLED IN ACCORDANCE WITH ADDITIONAL MANUFACTURER'S INSTRUCTIONS THAT PRESCRIBE REQUIREMENTS NOT CONTAINED IN CHAPTER 17 OF THE IBC OR IN STANDARDS REFERENCED BY THE IBC. THESE ITEMS INCLUDE:
 - a. POST-INSTALLED ANCHORS - INSPECTION
5. THE FOLLOWING WORK SHALL BE INSPECTED BY THE SPECIAL INSPECTOR UNLESS SPECIFICALLY WAIVED BY THE BUILDING OFFICIAL.
6. SPECIAL INSPECTIONS AND NONDESTRUCTIVE TESTING OF STRUCTURAL STEEL ELEMENTS IN BUILDINGS, STRUCTURES AND PORTIONS THEREOF SHALL BE IN ACCORDANCE WITH THE QUALITY ASSURANCE INSPECTION REQUIREMENTS OF AISC 360.

VERIFICATION AND INSPECTION TASK	CONTINUOUS	PERIODIC	MATERIAL STD REFERENCE	IBC REFERENCE
CONCRETE CONSTRUCTION				
1. INSPECT REINFORCEMENT, INCLUDING PRESTRESSING TENDONS, AND VERIFY PLACEMENT		X	ACI 318: CH 20, 25.2, 25.3, 26.2.1-26.6.3	1908.4
2. MATERIAL IDENTIFICATION OF REINFORCING (TYPE/GRADE)		X	AISC 341: TABLE J9.1	
3. REINFORCING STEEL HAS NOT BEEN REBENT IN THE FIELD		X	AISC 341: TABLE J9.1	
4. REINFORCING STEEL HAS BEEN TIED AND SUPPORTED AS REQUIRED		X	AISC 341: TABLE J9.1	
5. REINFORCING STEEL CLEARANCES HAVE BEEN PROVIDED		X	AISC 341: TABLE J9.1	
6. INSPECT ANCHORS CAST IN CONCRETE		X	ACI 318: 17.8.2	
7. VERIFY USE OF REQUIRED DESIGN MIX		X	ACI 318: CH 19, 26.4.2, 26.4.4	1904.1, 1904.2, 1908.2, 1908.3
8. PRIOR TO CONCRETE PLACEMENT, FABRICATE SPECIMENS FOR STRENGTH TESTS, PERFORM SLUMP AND AIR CONTENT TESTS, AND DETERMINE THE TEMPERATURE OF THE CONCRETE	X		ASTM C172, ASTM C31, ACI 318: 26.5, 26.12	1907.10
9. INSPECT CONCRETE AND SHOTCRETE PLACEMENT FOR PROPER APPLICATION TECHNIQUES	X		ACI 318: 26.5	1908.6, 1908.7, 1908.8
10. VERIFY MAINTENANCE OF SPECIFIED CURING TEMPERATURE AND TECHNIQUES		X	ACI 318: 26.5.3-26.5.5	1908.9
11. INSPECT FORMWORK FOR SHAPE, LOCATION, AND DIMENSIONS OF THE CONCRETE MEMBER BEING FORMED		X	ACI 318: 26.11.2(b)	

VERIFICATION AND INSPECTION TASK	QC	QA	MATERIAL STD REFERENCE
STRUCTURAL STEEL - FABRICATION			
1. FABRICATION FACILITY			X
2. CONNECTION ERECTION AND ASSEMBLY	X	X	
3. SINGLE PASS FILLET WELDS 5/16" OR LESS	X	X	X

VERIFICATION AND INSPECTION TASK	QC	QA	MATERIAL STD REFERENCE
STRUCTURAL STEEL - ERECTION			
1. STRUCTURAL STEEL ERECTION	X	X	
2. CONNECTION ERECTION AND ASSEMBLY	X	X	
3. SINGLE PASS FILLET WELDS 5/16" OR LESS	X	X	X

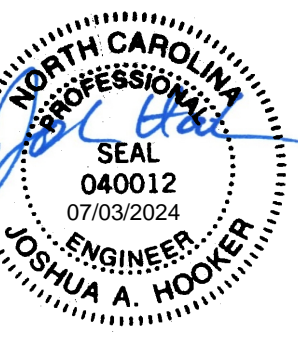
VERIFICATION AND INSPECTION TASK	QC	QA	MATERIAL STD REFERENCE	AWS D1.1 CLAUSES
STRUCTURAL STEEL PRIOR TO BOLTING - MINIMUM INSPECTION				
1. MANUFACTURER'S CERTIFICATIONS AVAILABLE FOR FASTENER MATERIALS	O	P	TABLE C-N5.6-1	2.1, 9.1
2. FASTENERS MARKED IN ACCORDANCE WITH ASTM REQUIREMENTS	O	O	TABLE C-N5.6-1	6.5.1
3. CORRECT FASTENERS SELECTED FOR THE JOINT DETAIL (GRADE, TYPE, BOLT LENGTH IF THREADS ARE TO BE EXCLUDED FROM THE SHEAR PLANE)	O	O	TABLE C-N5.6-1	2.3.2, 2.7.2, 9.1
4. CORRECT BOLTING PROCEDURE SELECTED FOR JOINT DETAIL	O	O	TABLE C-N5.6-1	4, 8
5. CONNECTING ELEMENTS, INCLUDING THE APPROPRIATE FAYING SURFACE CONDITION AND HOLE PREPARATION, IF SPECIFIED, MEET APPLICABLE REQUIREMENTS	O	O	TABLE C-N5.6-1	TABLE 6.1(2)
6. PRE-INSTALLATION VERIFICATION TESTING BY INSTALLATION PERSONNEL OBSERVED AND DOCUMENTED FOR FASTENER ASSEMBLIES AND METHODS USED	P1	O1	TABLE C-N5.6-1	3, 9.1, 9.3
7. PROTECTION STORAGE PROVIDED FOR BOLTS, NUTS, WASHERS, AND OTHER FASTENER COMPONENTS	O	O	TABLE C-N5.6-1	2.2, 8, 9.1

VERIFICATION AND INSPECTION TASK	CONTINUOUS	PERIODIC	MATERIAL STD REFERENCE
WOOD FRAMING			
1. PREFABRICATED WOOD STRUCTURAL ELEMENTS		X	
a. METAL-PLATE-CONNECTED WOOD TRUSSES SPANNING 60 FEET OR GREATER:			
i. TEMPORARY AND PERMANENT INSTALLATION RESTRAINT/BRACING		X	
b. SHEATHING GRADE AND THICKNESS		X	
c. MEMBER SIZES AT ADJOINING PANEL EDGES		X	
d. DIAPHRAGM NAILING		X	
2. LATERAL FORCE RESISTING SYSTEM (SHEAR WALLS, DIAPHRAGMS, DRAG STRUTS, BRACES, AND HOLDOWNS, WHERE FASTENER SPACING AT PANEL EDGES IS 4" OR LESS):			
a. NAILING, BOLTING, ANCHORING AND OTHER FASTENING TO OTHER ELEMENTS OF THE LATERAL FORCE RESISTING SYSTEM		X	

VERIFICATION AND INSPECTION TASK	CONTINUOUS	PERIODIC	MATERIAL STD REFERENCE	IBC REFERENCE
SOILS				
1. VERIFY MATERIALS BELOW SHALLOW FOUNDATIONS ARE ADEQUATE TO ACHIEVE THE DESIGN BEARING CAPACITY		X		
2. VERIFY EXCAVATIONS ARE EXTENDED TO PROPER DEPTH AND HAVE REACHED PROPER MATERIAL		X		
3. PERFORM CLASSIFICATIONS AND TESTING OF COMPACTED FILL MATERIAL		X		
4. VERIFY USE OF PROPER MATERIALS, DENSITIES, AND LIFT THICKNESSES DURING PLACEMENT AND COMPACTION OF COMPACTED FILL	X			
5. PRIOR TO PLACEMENT OF COMPACTED FILL, INSPECT SUBGRADE AND VERIFY THAT SITE HAS BEEN PREPARED PROPERLY		X		



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ANGIER MEDICAL COMPLEX
 BUILDING 2
 ANGIER, NC

REVISIONS

NO.	DESCRIPTION

PROJECT: 2344
 DATE: 7/3/2024
 DRAWN BY: JD
 CHECKED BY: JMS

SPECIAL INSPECTIONS

SO.2

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0 1 2 3
 REF. SCALE IN INCHES PROJECT #24003232.00

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FOUNDATION PLAN NOTES

- SLAB ON GRADE (SOG) & FOUNDATIONS/TURNDOWNS INDICATED ARE DESIGNED BASED ON A CONVENTIONAL 4" NW CONCRETE SLAB w/ WWF6x6-W1.4W1.4 OVER VAPOR RETARDER AND COMPACTED FILL.
- THIS FOUNDATION PLAN ASSUMES THE TRUSSES ARE FRAMED AS SHOWN HEREIN. THE TRUSS MANUFACTURER SHALL NOTIFY THE ENGINEER AND GENERAL CONTRACTOR OF ANY ADDITIONAL BEARING REQUIREMENTS PRIOR TO FOUNDATION AND PODIUM CONSTRUCTION.
- SEE PLAN FOR TOP OF SLAB ELEVATION, SLAB STEPS, AND RAMPS. ELEVATIONS SHOWN SHALL BE VERIFIED WITH CIVIL/ARCH PRIOR TO CONSTRUCTION.
- FOR DESIGN CRITERIA AND GENERAL NOTES, SEE S0.0 SERIES SHEETS.
- FOR REINFORCEMENT AT FOOTING CORNERS, SEE 5/S2.0.
- FOR PIPE PENETRATIONS AT FOOTINGS, SEE 1/S2.0 & 4/S2.0.
- SEE DETAIL 2/S2.0 FOR COLUMN TO WALL FOOTING INTERSECTIONS.
- FOR ELEVATIONS, WALL SECTIONS, AND DIMENSIONS, SEE ARCH DRAWINGS.
- SEE HEADER SCHEDULE ON 4/S3.0 FOR KING AND JAMB STUD REQUIREMENTS AT OPENINGS.

FOOTING SCHEDULE

MARK	DIMENSIONS			REINFORCING		REMARKS
	Length	Width	DEPTH	TOP	BOTTOM	
F3.0	3'-0"	3'-0"	1'-0"	(4)#4 EW	(4)#4 EW	-
F6.0	5'-0"	5'-0"	1'-4"	(6)#6 EW	(6)#6 EW	-

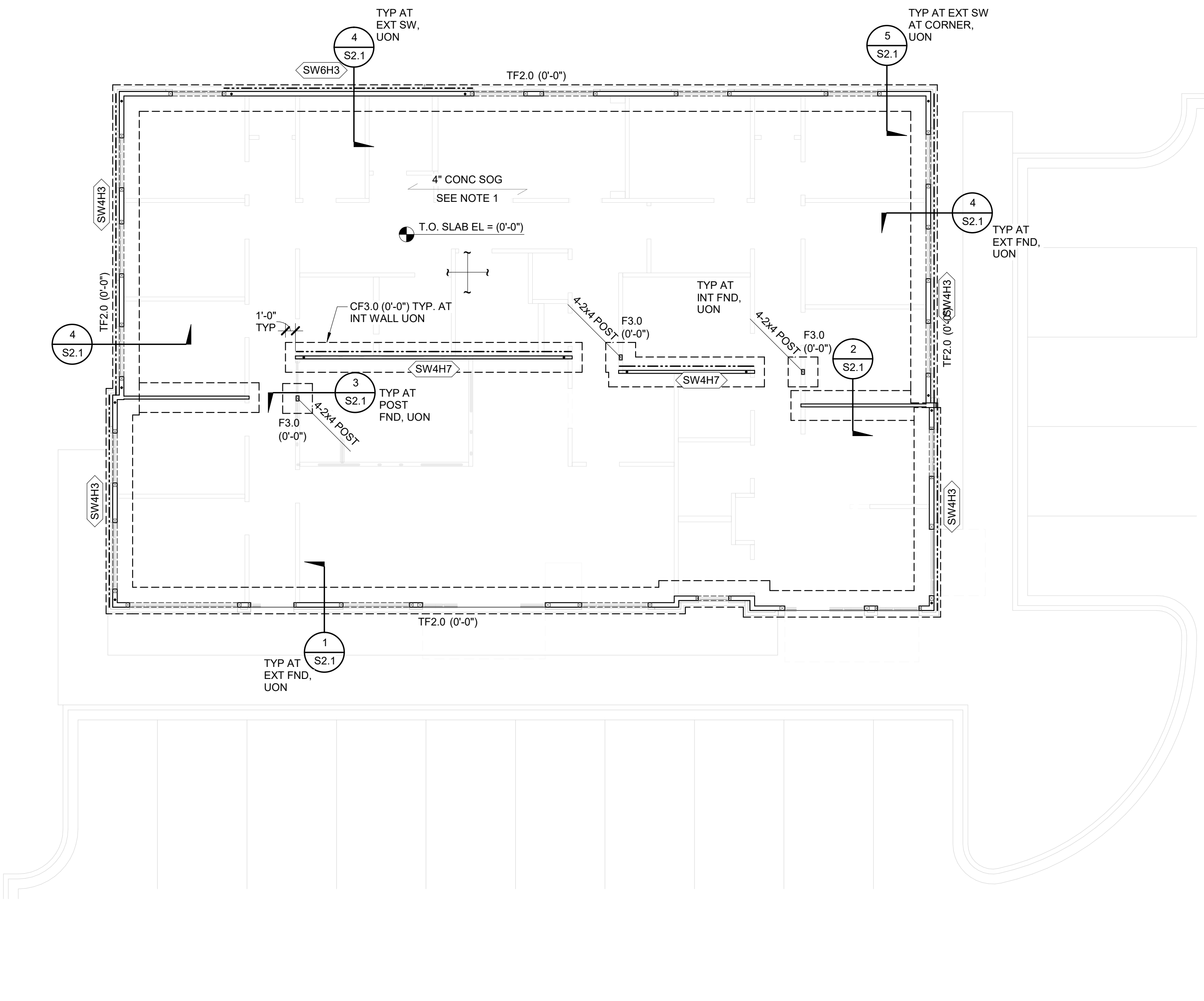
TURNDOWN & THICKENED SLAB SCHED

MARK	DIMENSIONS			REINFORCING		REMARKS
	WIDTH	DEPTH	LONG	TRANSV		
TF2.0	2'-8"	2'-0"	(4)#5	#5@12	-	
TF3.0	3'-0"	1'-0"	(3)#5	#5@12	-	

LEGEND

- DENOTES WOOD WALL, SEE S3.0 SERIES SHEETS
- DENOTES ELEVATION T.O. - TOP OF B.O. - BOTTOM OF
- INDICATES CONTROL JOINT IN SLAB, SEE 3/S2.0
- SW TAG DENOTES SIDE OF WALL TO BE SHEATHED # DENOTES SHEATHING NAILING PATTERN [INCHES], SEE SCHED, 1/S3.1 @ DENOTES REQUIRED HOLD DOWN TYPE, SEE SCHED, 5/S3.1
- INDICATES EXTENTS OF SW
- DENOTES LOCATION OF REQUIRED HOLD DOWN
- STRUC SHEAR WALL LOCATION, SEE PLAN
- COLUMN SIZE
- ISOLATION JOINT WA, SEE 6/S2.1
- SPREAD FTG MARK AND T.O. FTG ELEVATION SEE FTG SCHED THIS SHEET

KEYNOTES



1 FOUNDATION PLAN - BUILDING 2
1/8" = 1'-0"

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BUILDING 2
ANGIER, NC

REVISIONS

PROJECT: 2344
DATE: 7/3/2024
DRAWN BY: JD
CHECKED BY: JMS

FOUNDATION PLAN - BUILDING 2

S1.0

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ROOF FRAMING PLAN NOTES

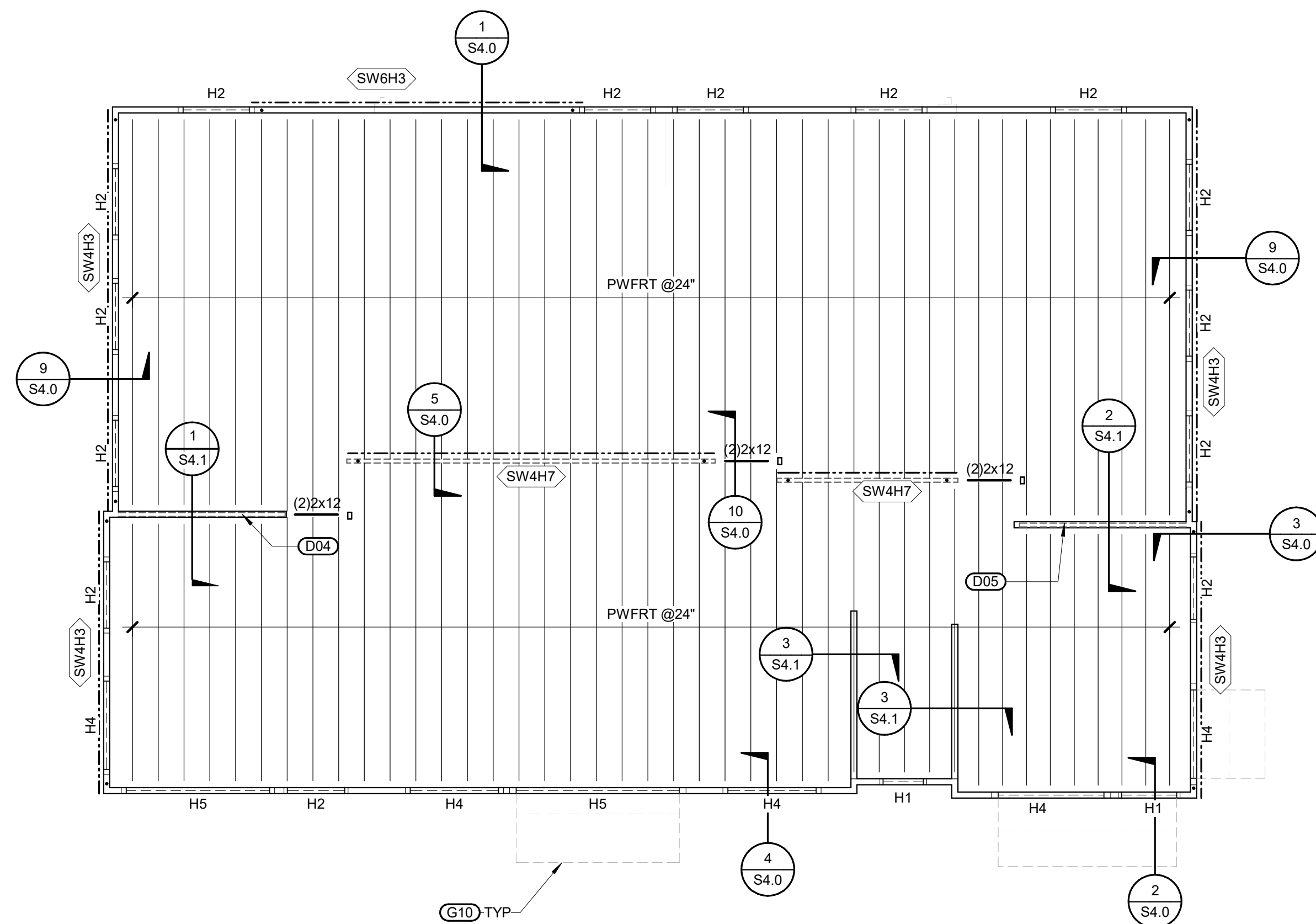
1. MECHANICAL DUCTWORK AND FOUNDATIONS HAVE BEEN DESIGNED FOR THE TRUSS ORIENTATION SHOWN. THE TRUSS MANUFACTURER SHALL NOTIFY THE ENGINEER AND GENERAL CONTRACTOR OF ANY ADDITIONAL BEARING REQUIREMENTS PRIOR TO FOUNDATION CONSTRUCTION.
2. SEE PLAN FOR ELEVATIONS ARE BASED ON GROUND FLOOR T/SLAB DATUM EL 0'-0". ELEVATIONS SHOWN SHALL BE VERIFIED WITH CIVIL/ARCH PRIOR TO CONSTRUCTION.
3. FRAMING PLAN IS SHOWN OVER FLOOR PLAN BELOW.
4. FOR SHEAR WALL LOCATIONS, SEE GROUND FLOOR PLAN.
5. FOR DESIGN CRITERIA AND GENERAL NOTES, SEE S0.0 SERIES SHEETS.
6. FOR ELEVATIONS, WALL SECTIONS AND DIMENSIONS, SEE ARCH DRAWINGS.
7. COORDINATE TRUSS PLACEMENT TO MAXIMIZE USEABLE SPACE IN MECH CHASE.
8. FOR BRICK LINTEL, SEE 9/S3.0 SEE 10/S3.0 FOR BRICK TIE DETAILS.
9. FLAT ROOF FRAMING SHALL CONSIST OF PRE-ENGINEERED WOOD ROOF TRUSSES (PWRT) @ 24" OC MAX (TOP CHORD SLOPED MIN TRUSS DEPTH = 24"), UON.
10. SEE DETAIL 7/S4.0 AND 8/S4.0 FOR SUPPORT FRAMING AT RTU.
11. SEE S0.1 AND 1/S3.2 FOR ROOF DECK SIZING AND ATTACHMENT NAILING PATTERN.

LEGEND

- ## DENOTES WOOD HEADER TYPE. FOR HEADERS NOT CALLED OUT ON PLAN, SEE HEADER SCHEDULES, 4/S3.0. COORDINATE ALL WINDOW & DOOR OPENING SIZES & LOCATIONS w/ ARCH.
- (3)2x12 DENOTES WOOD BEAM TYPE. FOR BUILT-UP BEAM ASSEMBLY, SEE 6/S3.0.
- SW TAG DENOTES SIDE OF WALL TO BE SHEATHED
- # DENOTES SHEATHING NAILING PATTERN (INCHES), SEE SCHED. 1/S3.1. FOR BUILT-UP @ DENOTES REQUIRED HOLD DOWN TYPE, SEE SCHED. 5/S3.1
- LINE TYPE DENOTES SIDE OF WALL TO BE SHEATHED
- INDICATES EXTENTS OF SW
- DENOTES LOCATION OF REQUIRED HOLD DOWN AT WALLS BELOW
- WALL BELOW, SEE FRAMING PLANS
- ROOF TRUSS TYPE DESIGNATION, BY SUPPLIER:
GT: GIRDER TRUSS
PWRT: PREMANUF WOOD ROOF TRUSS
- INDICATES A ROOF TRUSS w/ 'GIRDER' USAGE
- INDICATES A ROOF TRUSS w/ 'JOIST' USAGE

KEYNOTES

- D04 DESIGN TRUSSES AT PARAPET w/o KICKER w/ 50 PLF UNFACTORED DEAD TYP.
- D05 DESIGN TRUSSES AT PARAPET AND KICKER w/ 110 PLF DEAD AND 1000 PLF WIND TYP.
- G10 PREFABRICATED CANOPY.



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ANGIER, NC

REVISIONS

NO.	DESCRIPTION

PROJECT: 2344
DATE: 7/3/2024
DRAWN BY: JD
CHECKED BY: JMS

ROOF FRAMING PLAN - BUILDING 2

S1.2

1 ROOF FRAMING PLAN - BUILDING 2
1/8" = 1'-0"

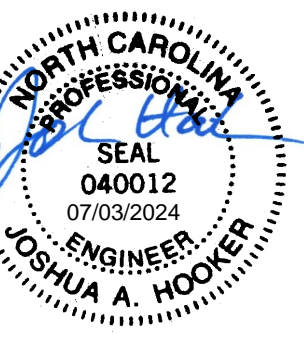
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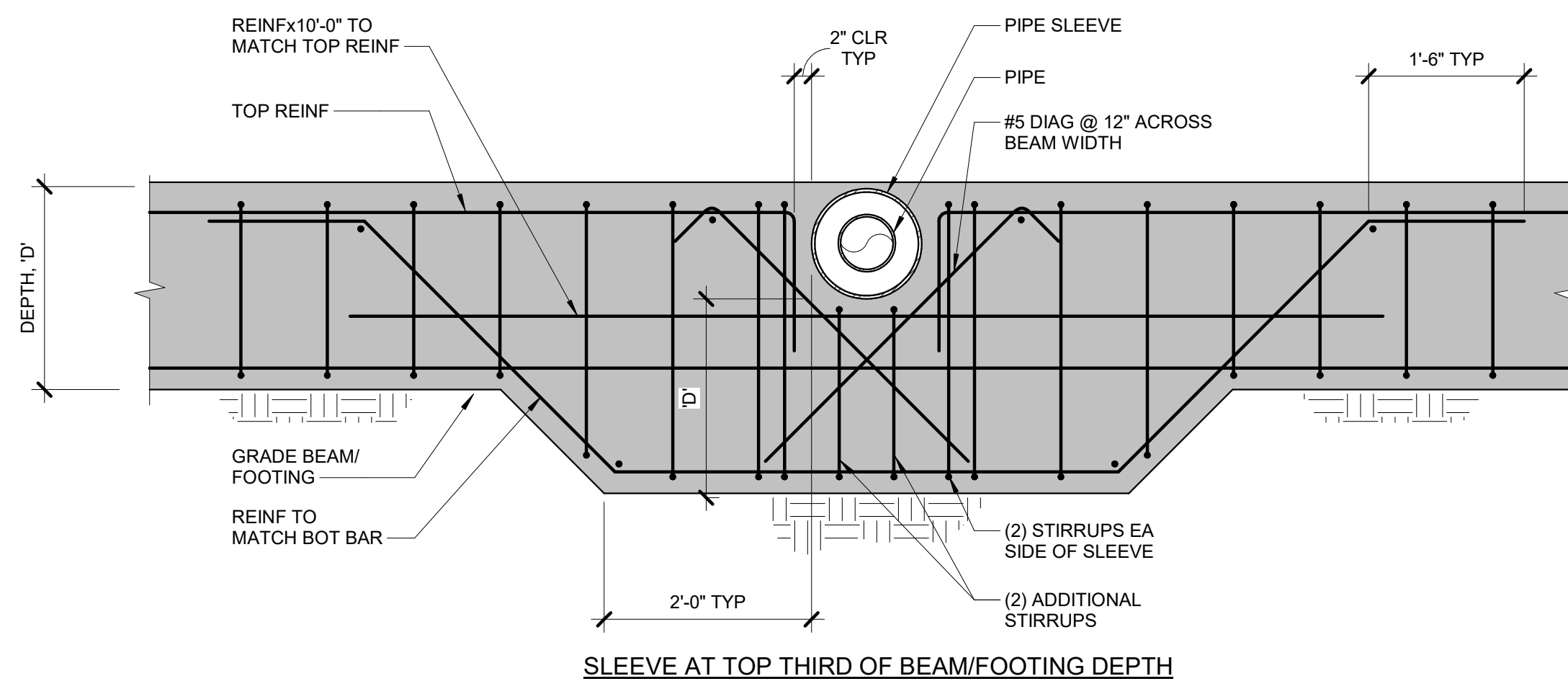
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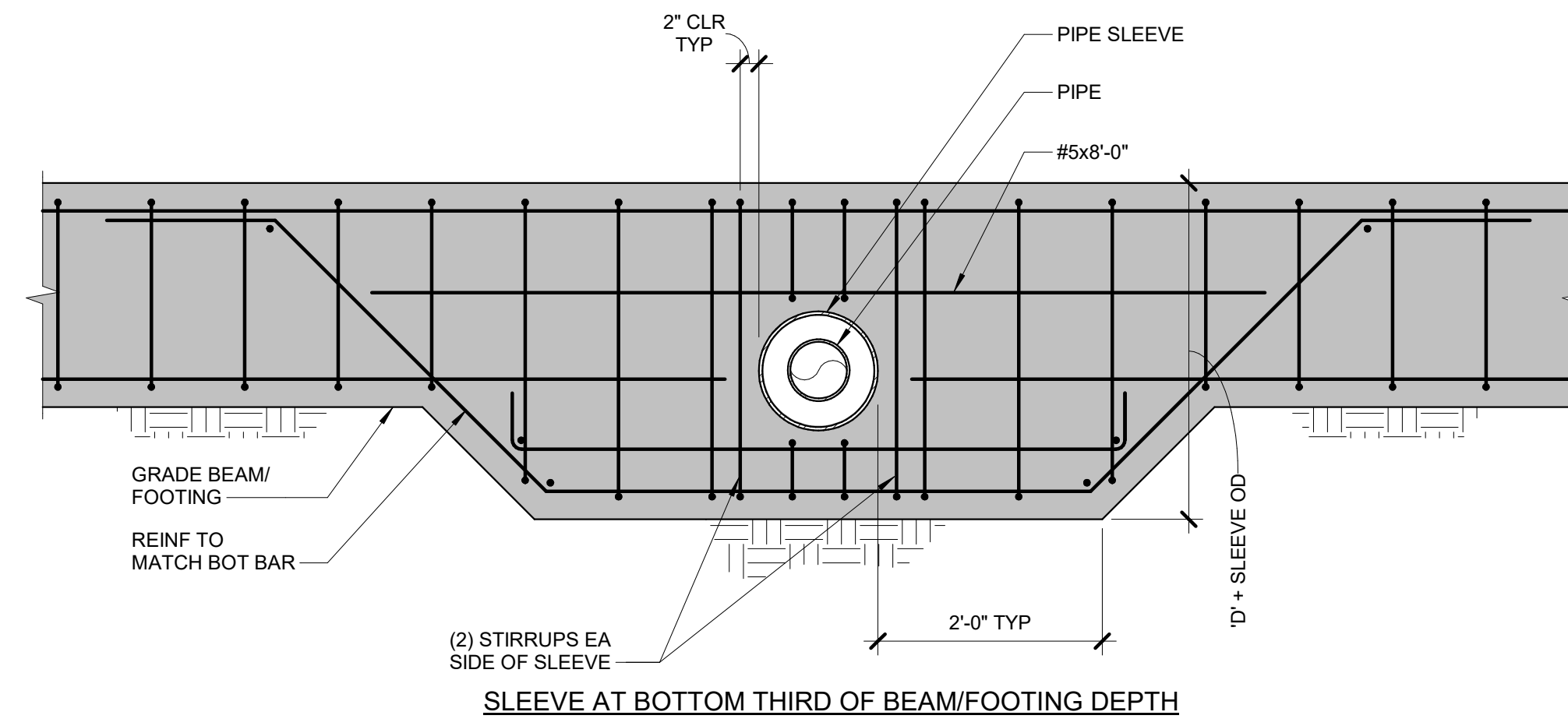
PROJECT: 2344
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CONCRETE FOUNDATION DETAILS

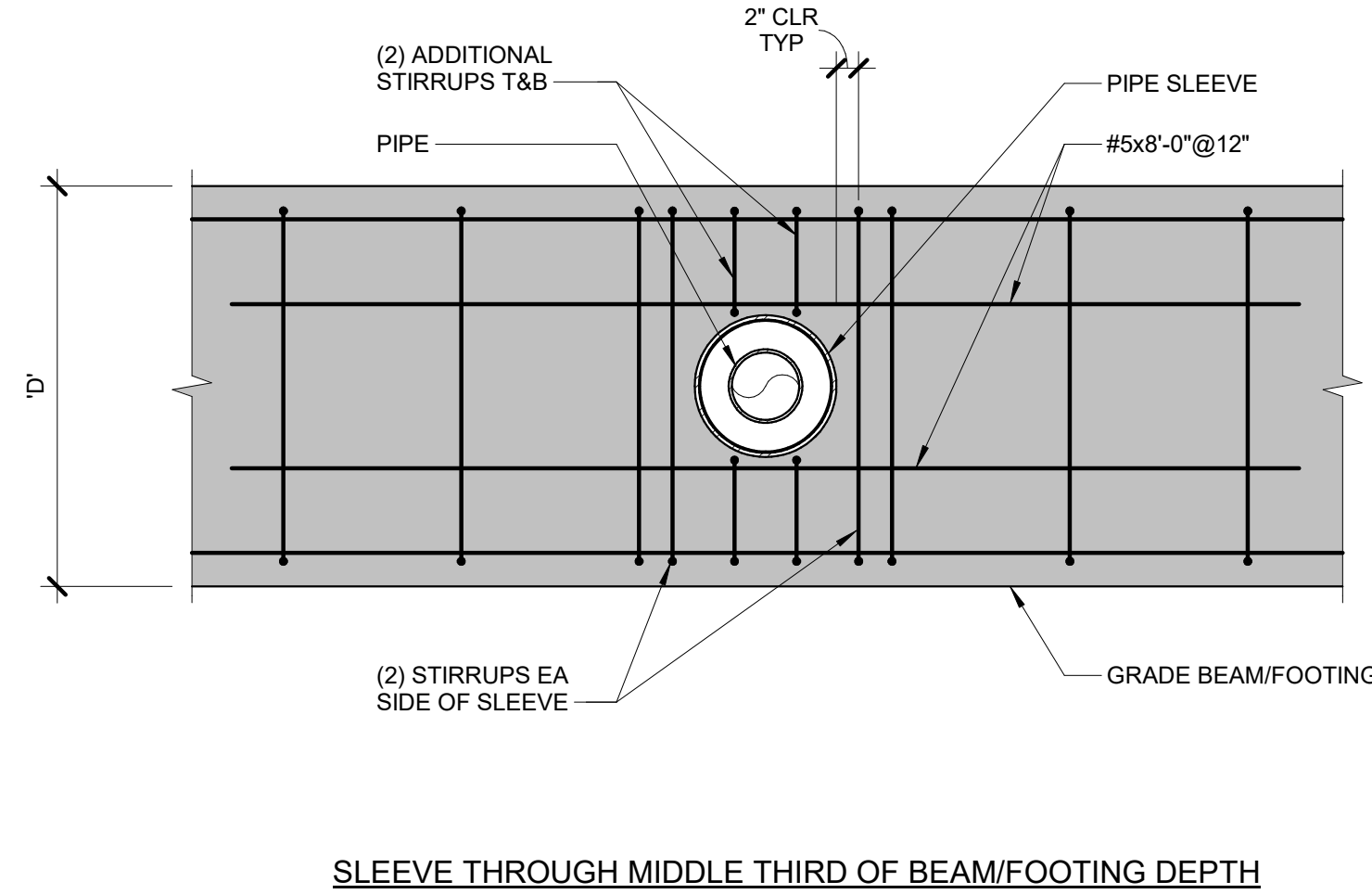
S2.0



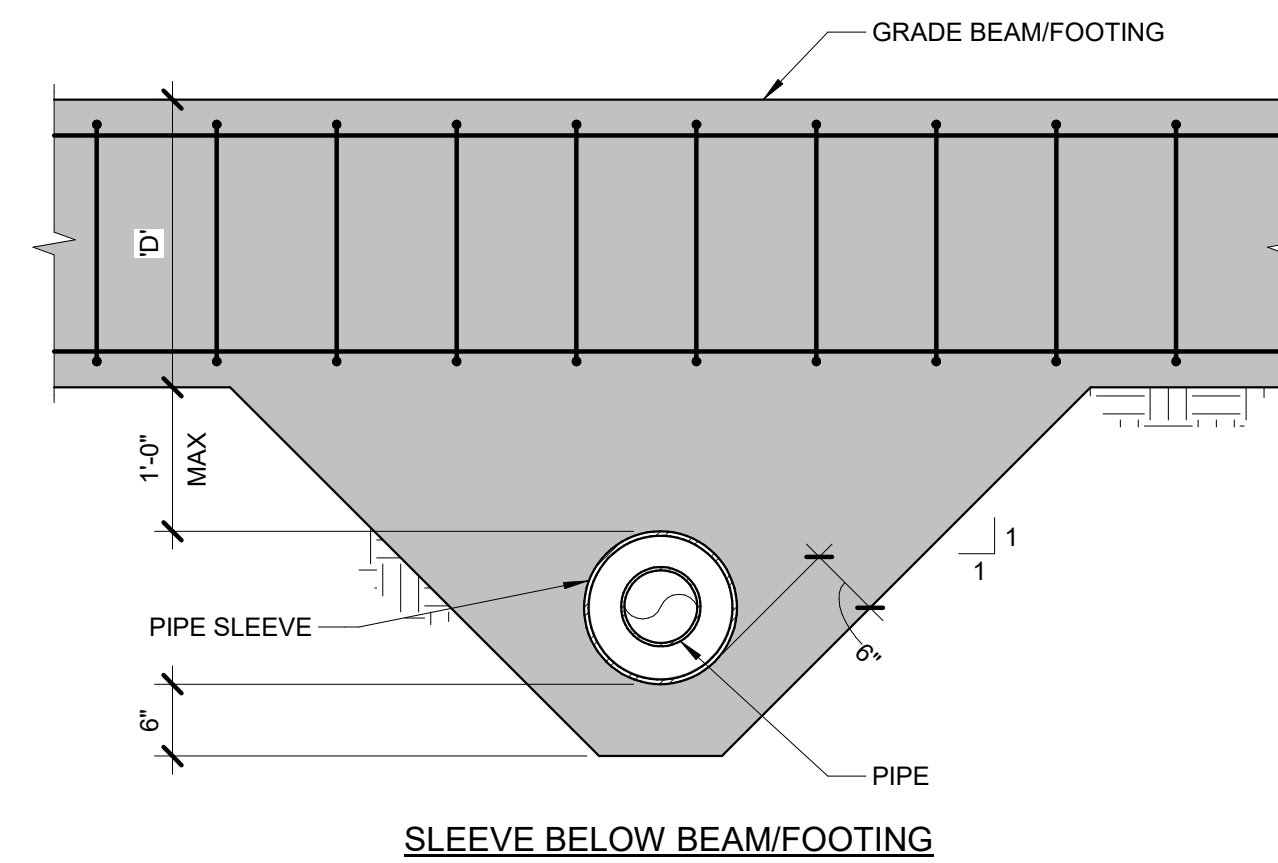
SLEEVE AT TOP THIRD OF BEAM/FOOTING DEPTH



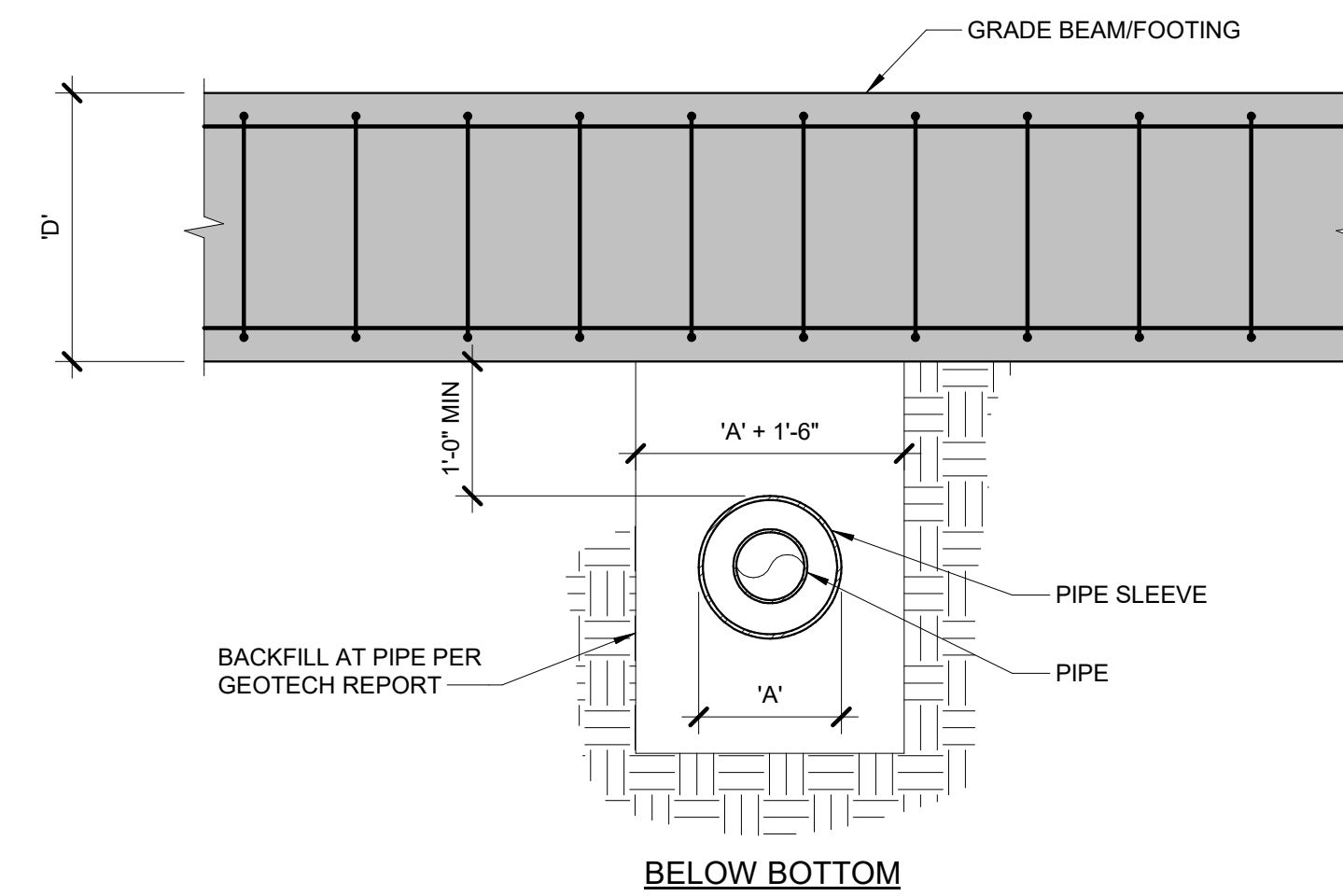
SLEEVE AT BOTTOM THIRD OF BEAM/FOOTING DEPTH



SLEEVE THROUGH MIDDLE THIRD OF BEAM/FOOTING DEPTH



SLEEVE BELOW BEAM/FOOTING

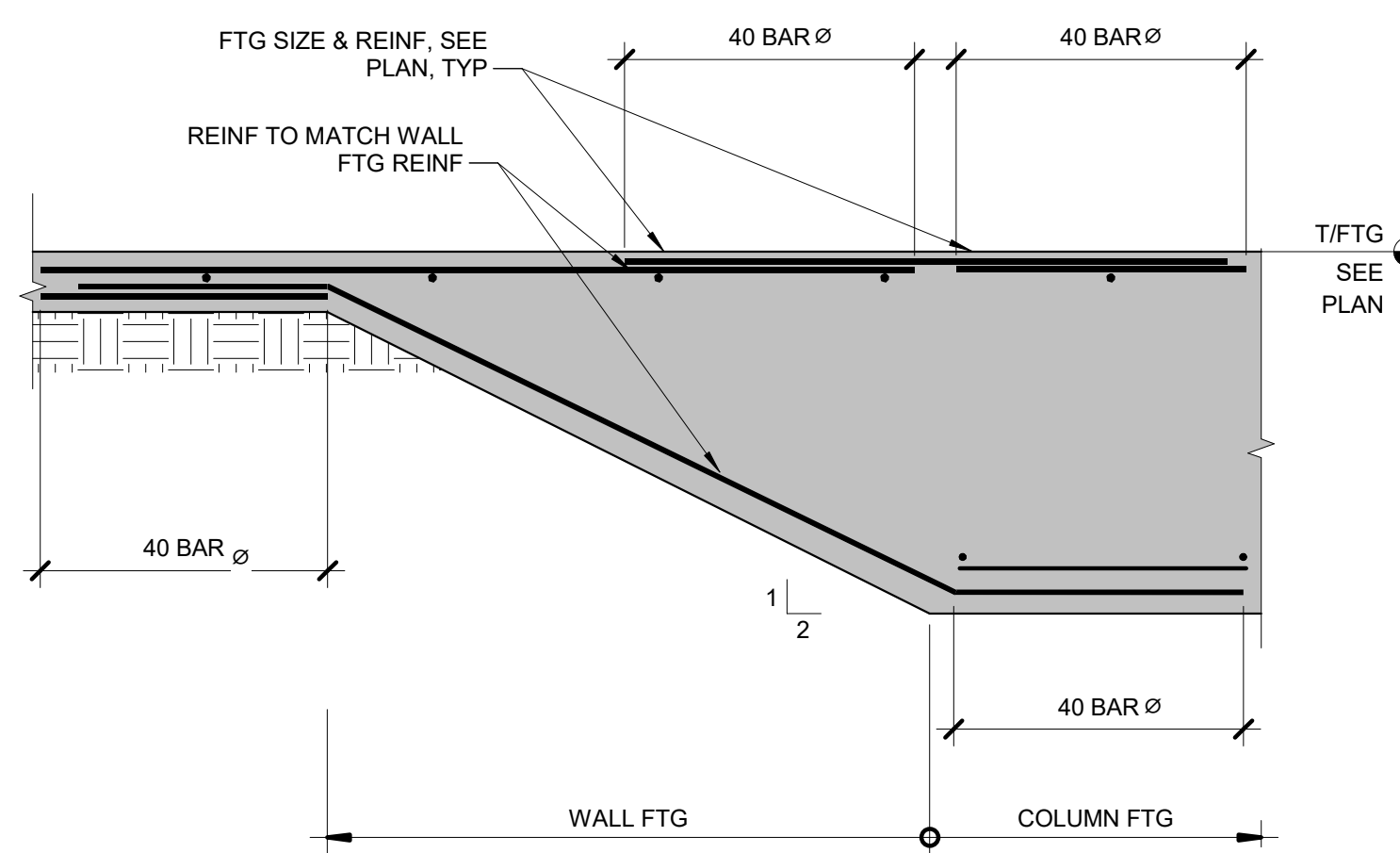


BELOW BOTTOM

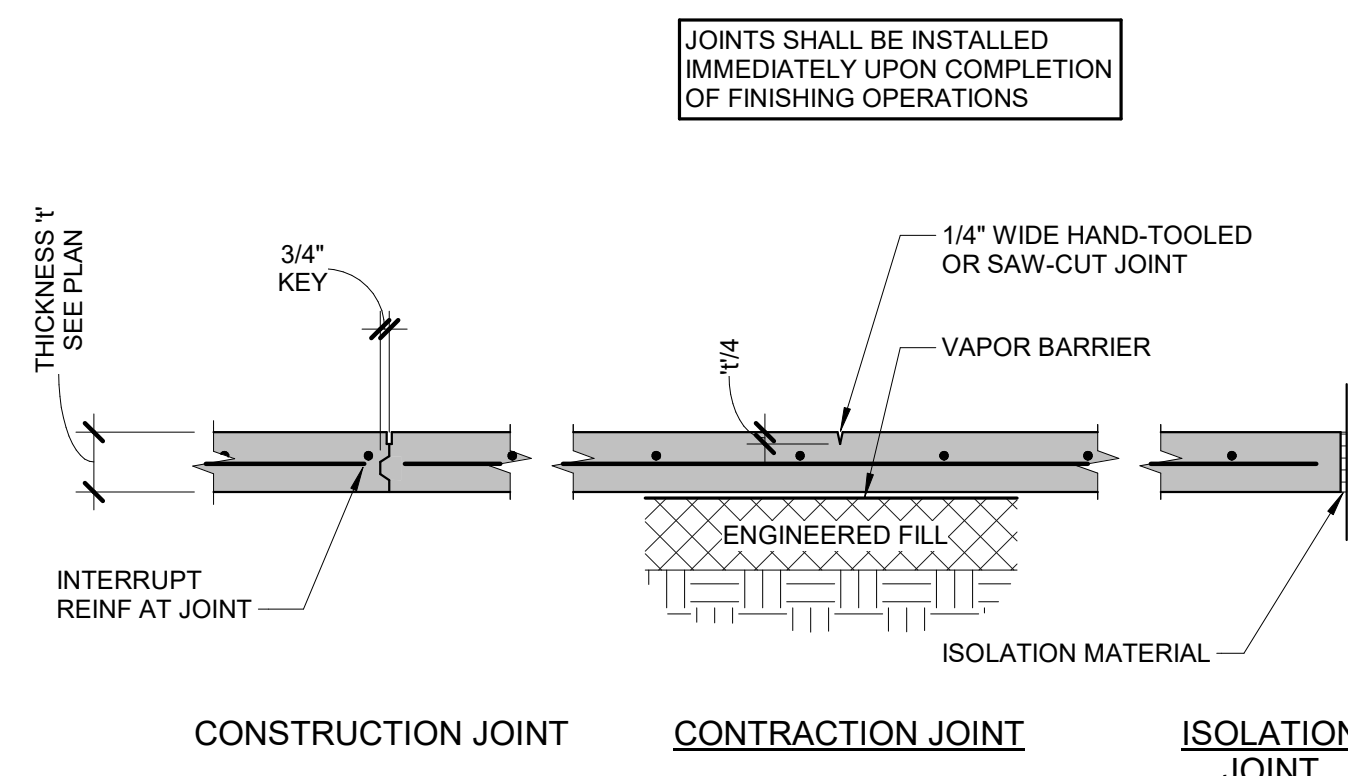
NOTES:

1. SLEEVE DIA TO BE 6" LARGER THAN PIPE DIA. CENTER PIPE IN SLEEVE.
2. SEAL VOID BETWEEN PIPE AND SLEEVE w/ ELASTIC WATERPROOF MATERIAL, TYP.
3. MAX PERMITTED SLEEVE DIA = 'D'/2.

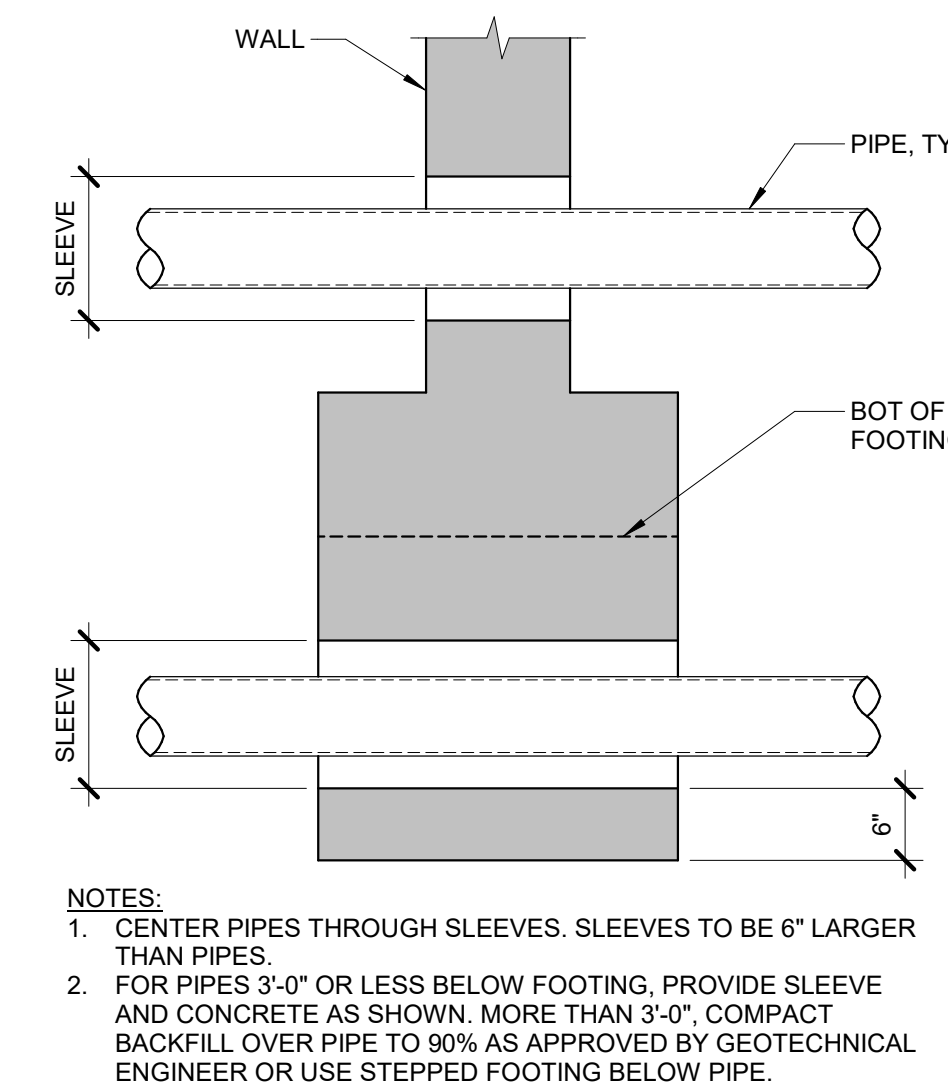
1 PIPES THROUGH GRADE BEAM / FOOTING
NO SCALE



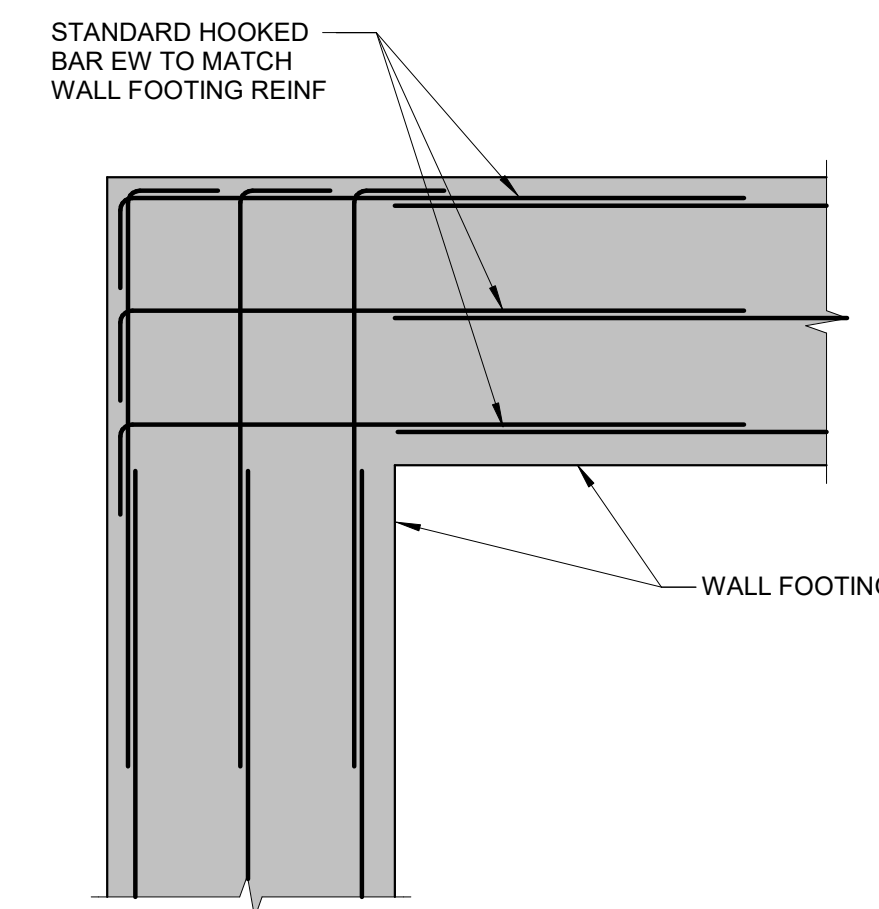
2 WALL FTG TO COLUMN FTG
NO SCALE



3 SLAB ON GRADE CONSTRUCTION
NO SCALE



4 PIPE THROUGH WALL / FOOTING
NO SCALE



5 FOOTING INTERSECTION
NO SCALE

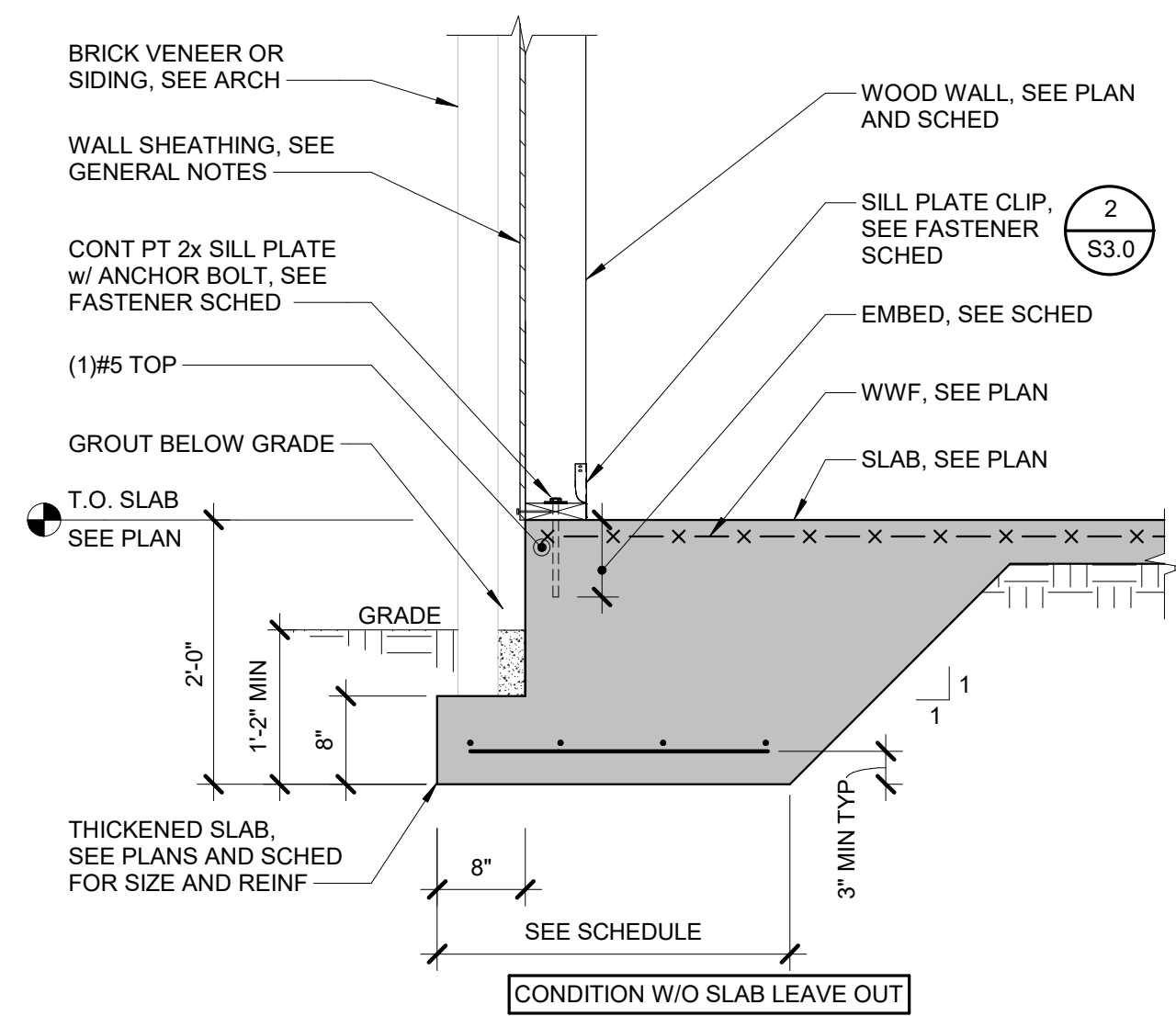
- NOTES:
1. CENTER PIPES THROUGH SLEEVES. SLEEVES TO BE 6" LARGER THAN PIPES.
 2. FOR PIPES 3'-0" OR LESS BELOW FOOTING, PROVIDE SLEEVE AND CONCRETE AS SHOWN. MORE THAN 3'-0", COMPACT BACKFILL OVER PIPE TO 90% AS APPROVED BY GEOTECHNICAL ENGINEER OR USE STEPPED FOOTING BELOW PIPE.

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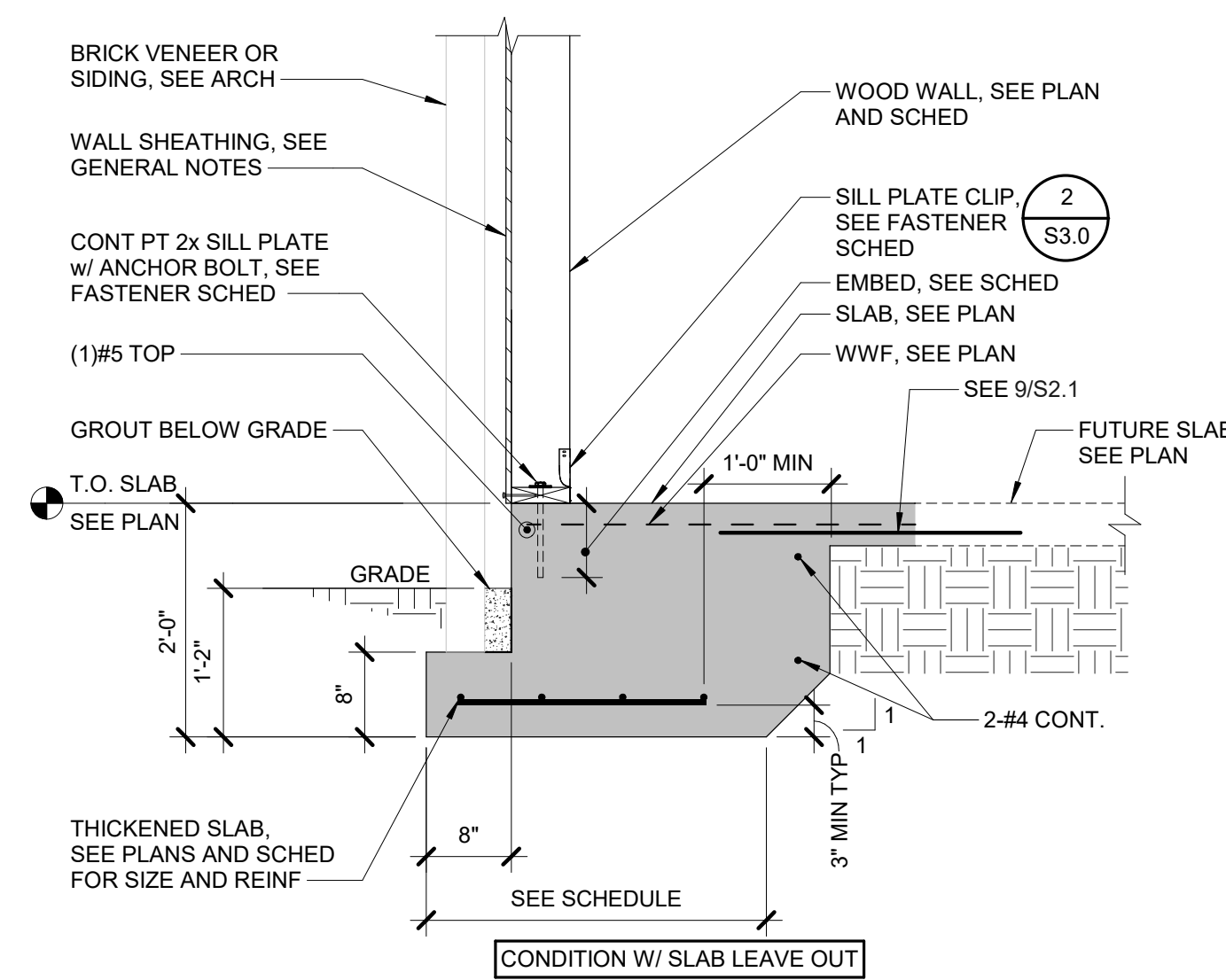
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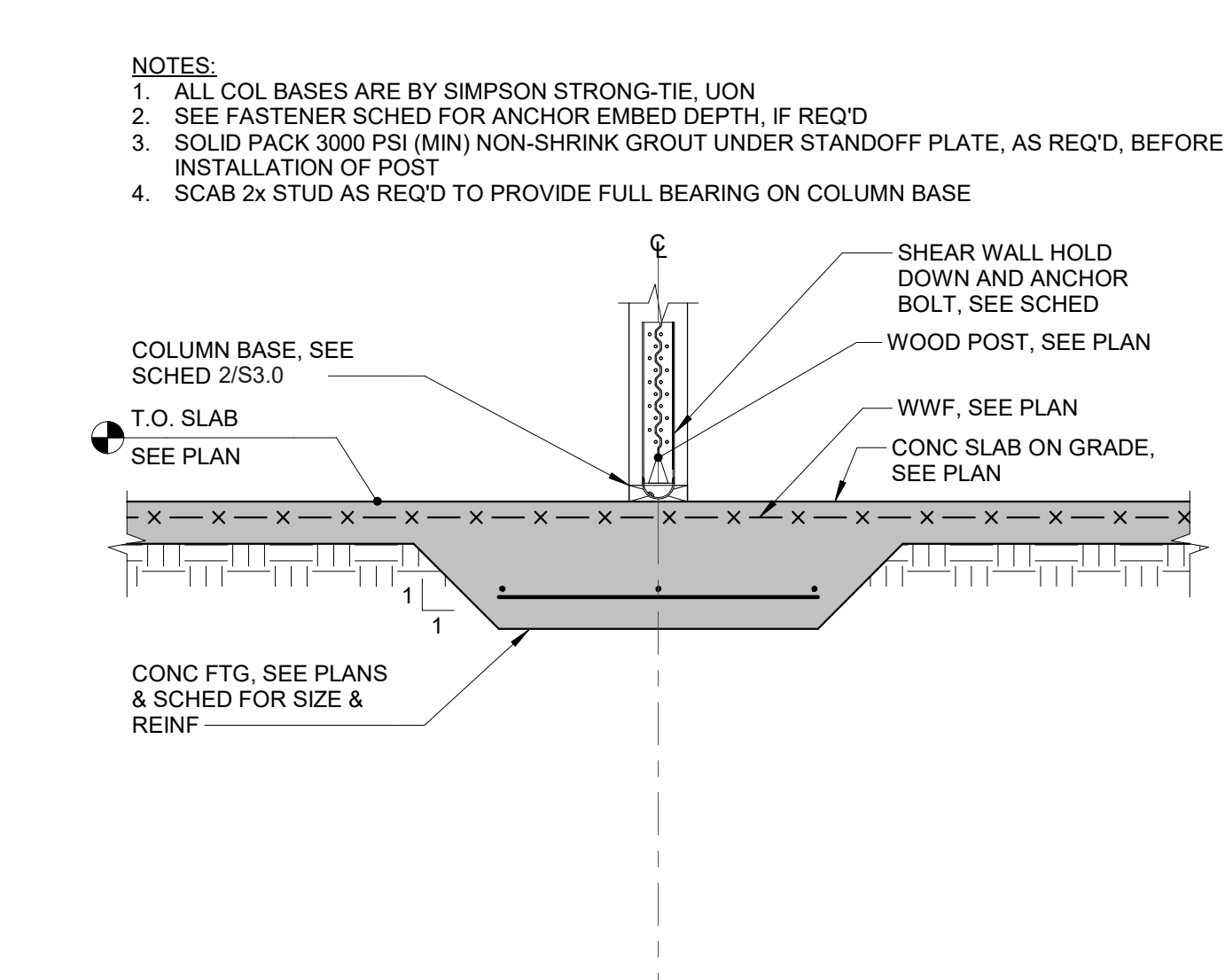
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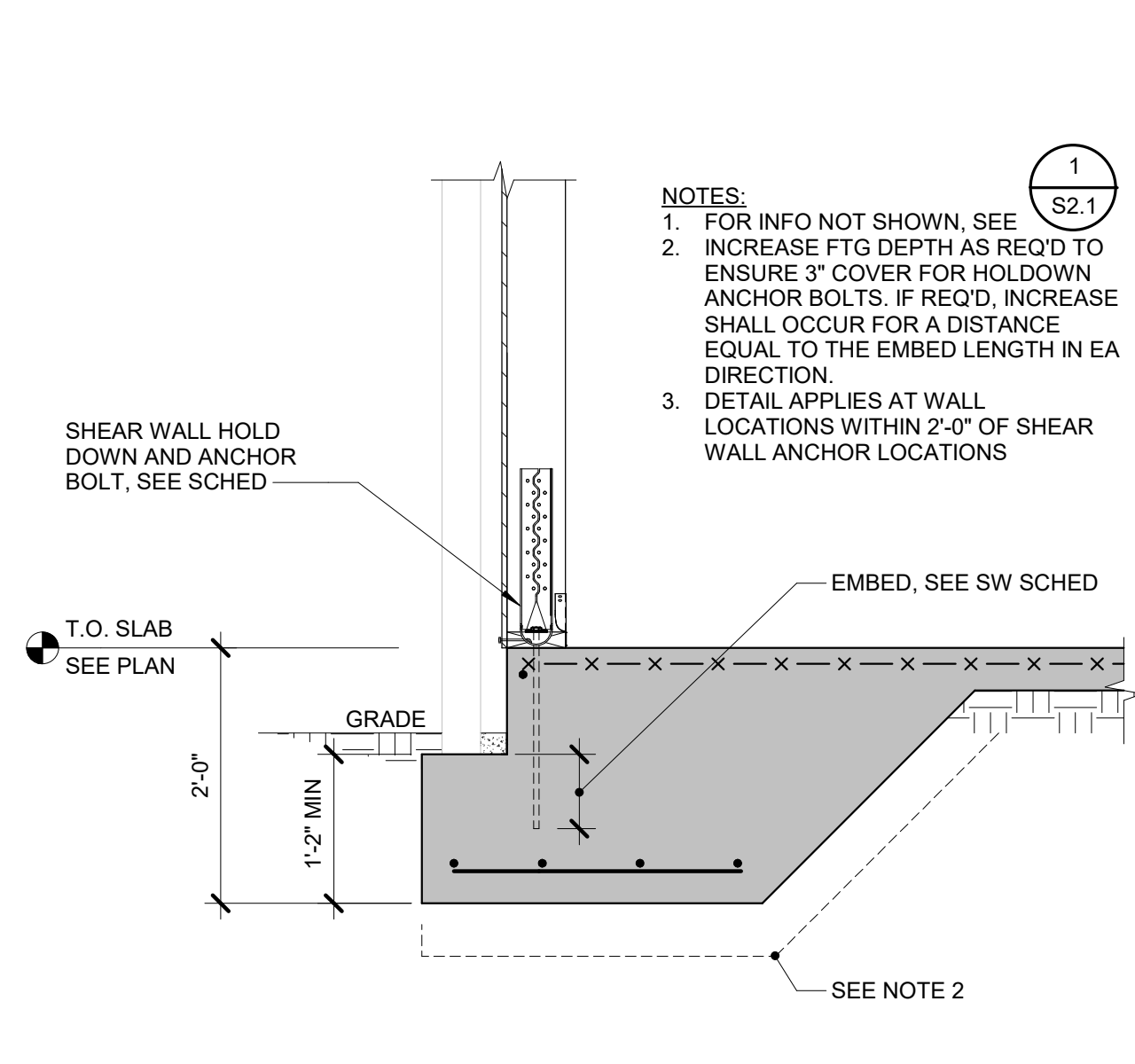
1 TURNDOWN AT BRICK LEDGE
NO SCALE



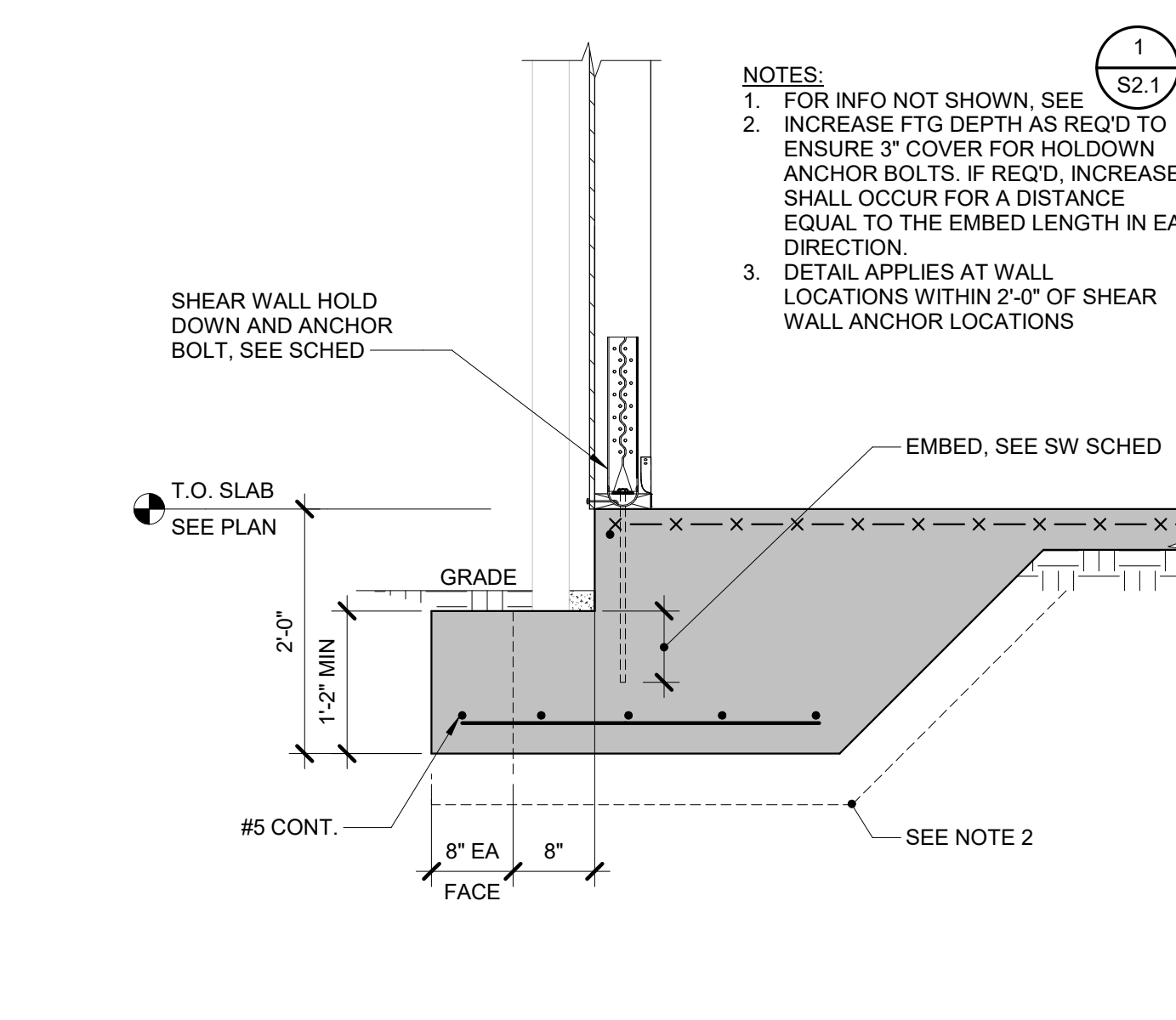
2 THICKENED SLAB AT INT WALL
NO SCALE



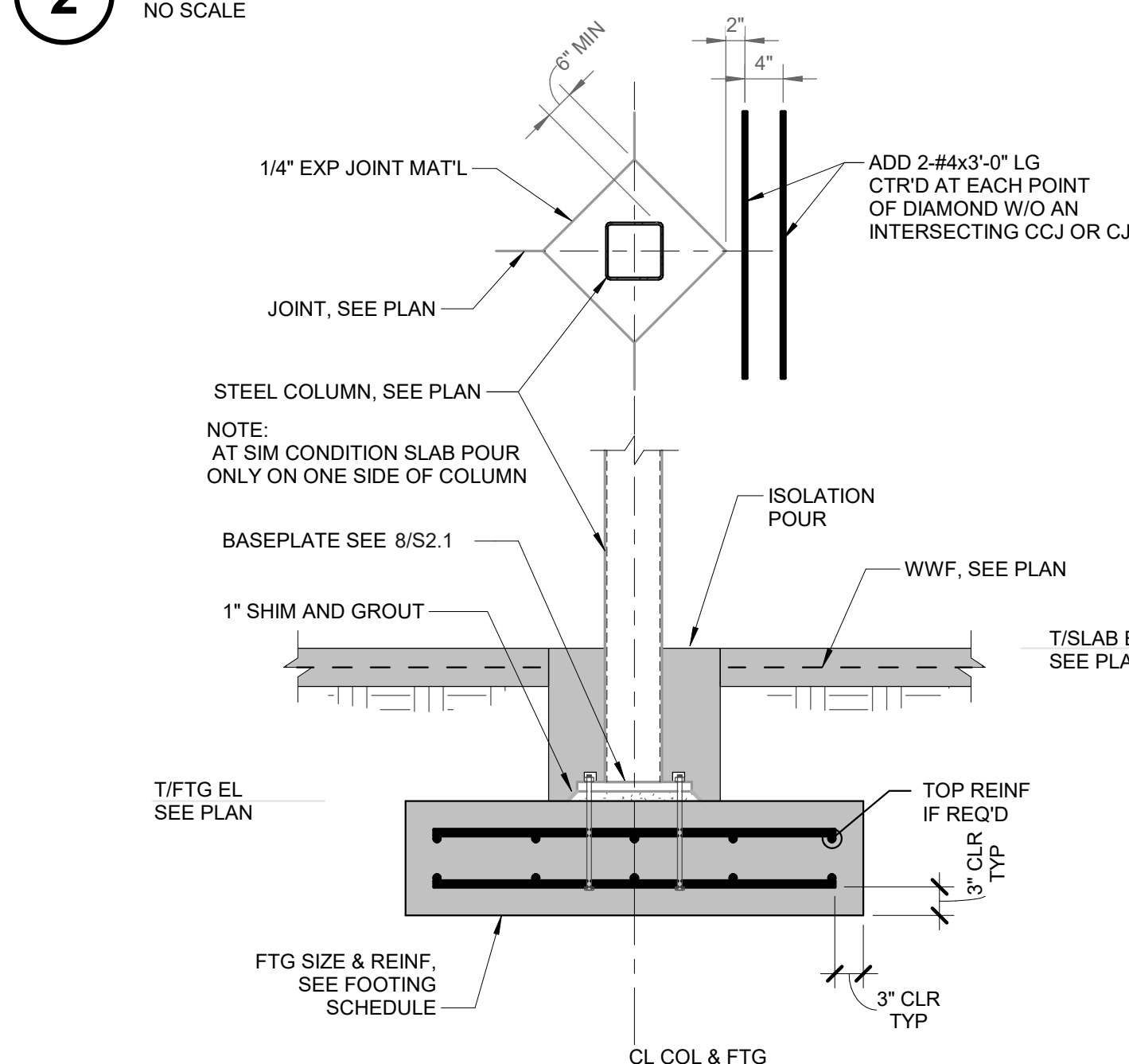
3 FOOTING AT WOOD POST
NO SCALE



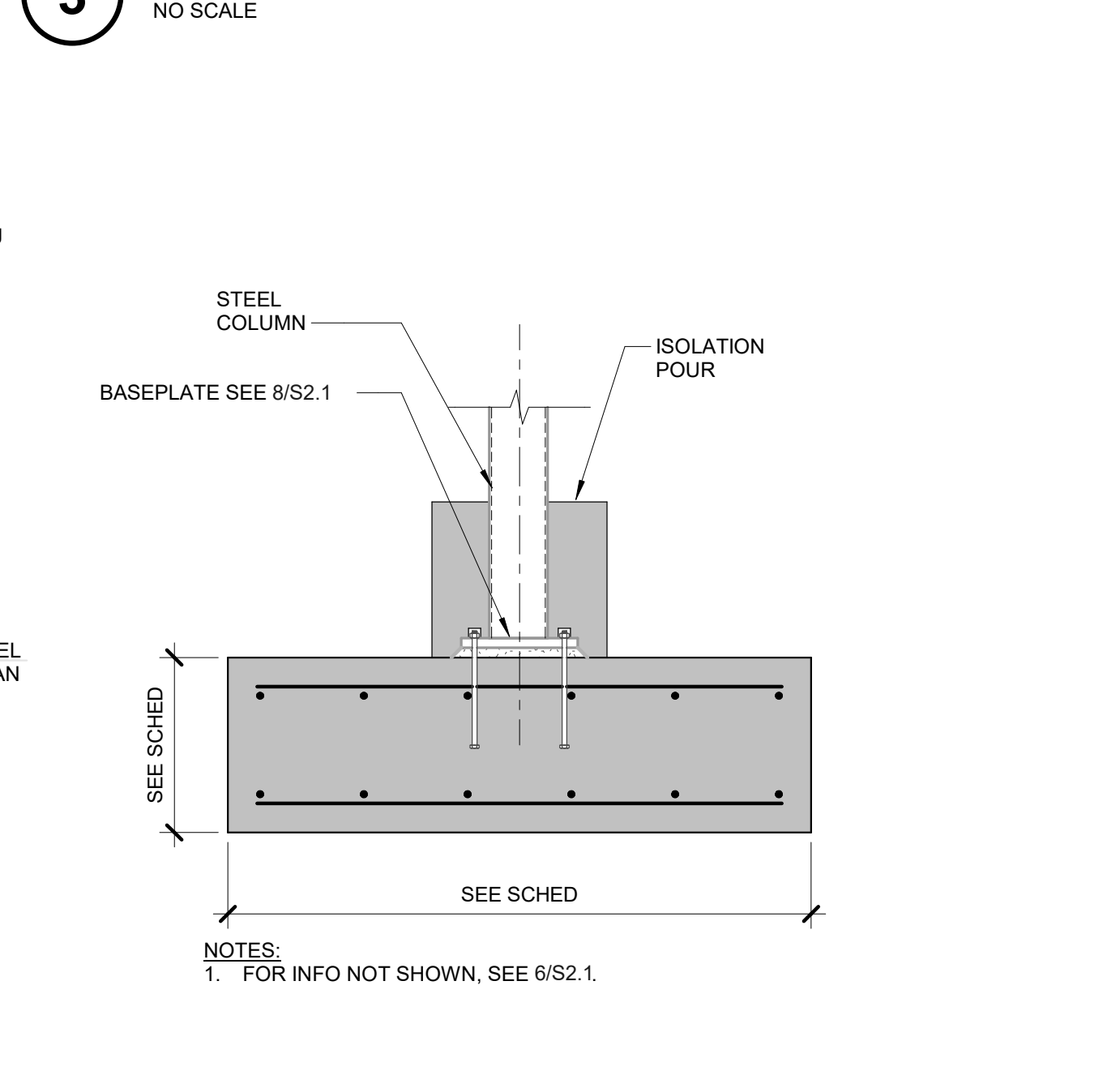
4 SW AT BRICK LEDGE
NO SCALE



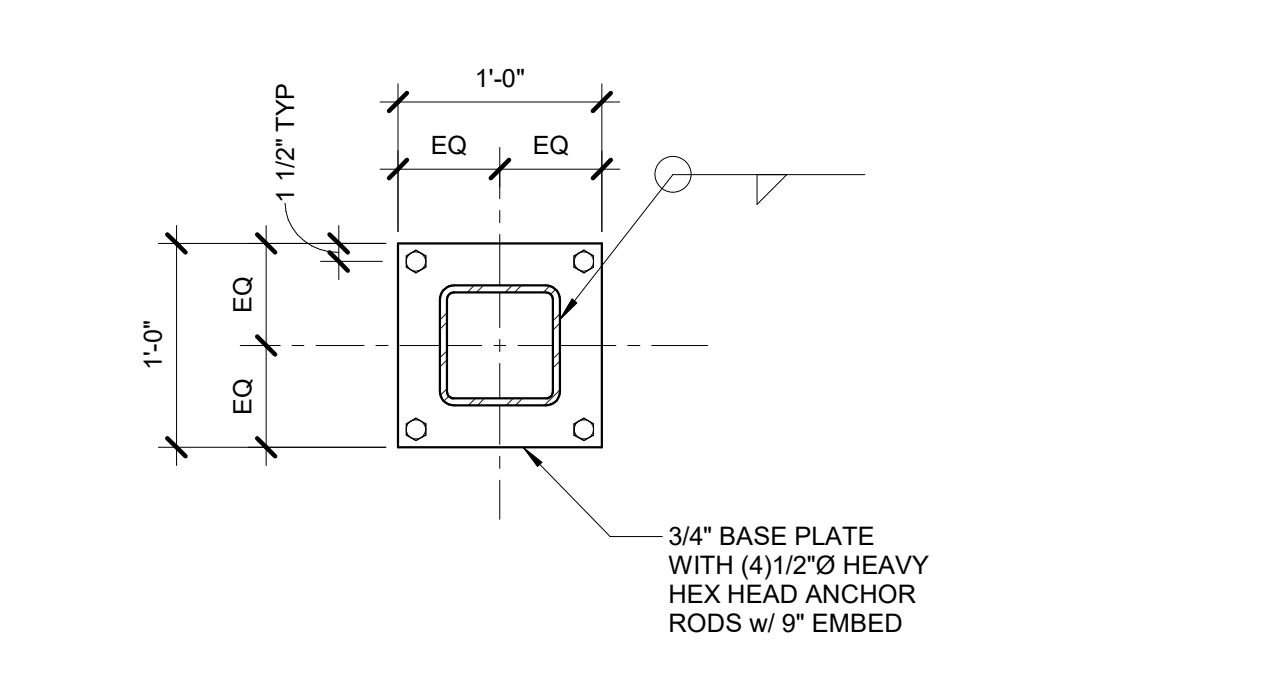
5 CORNER SW AT BRICK LEDGE
NO SCALE



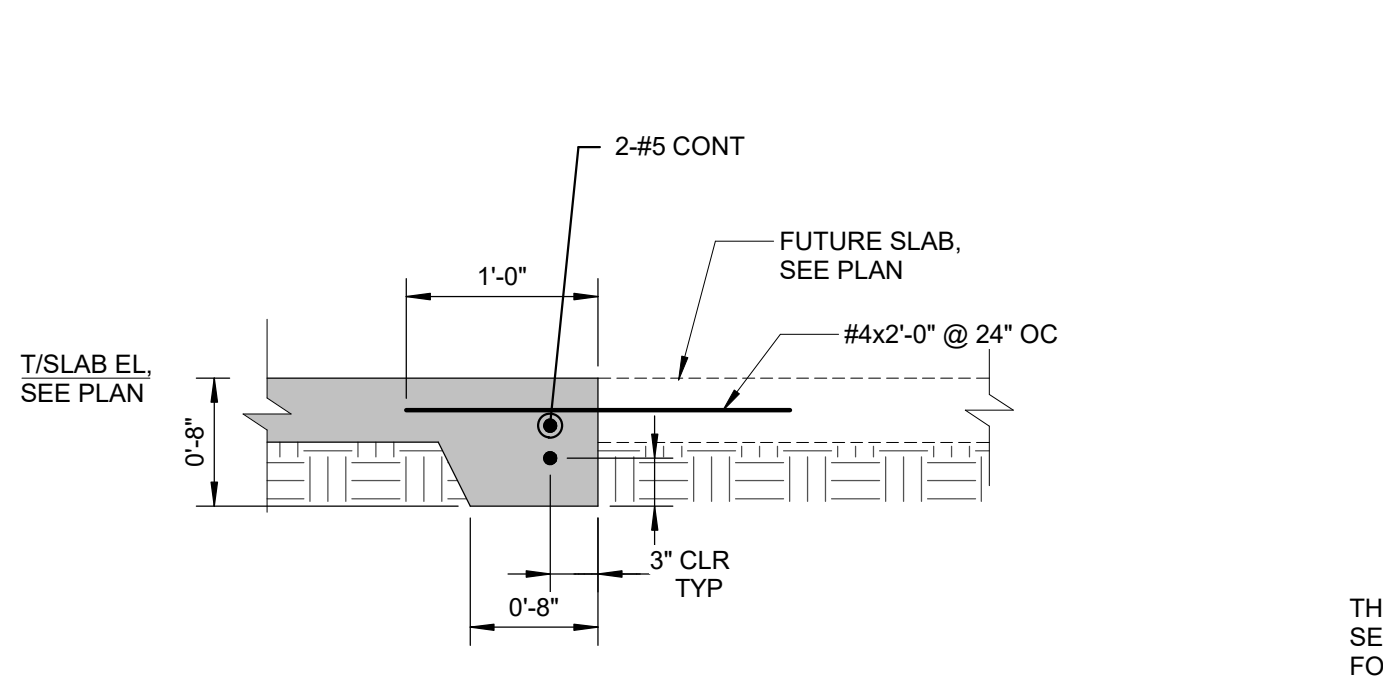
6 INTERIOR STEEL COLUMN FOOTING
NO SCALE



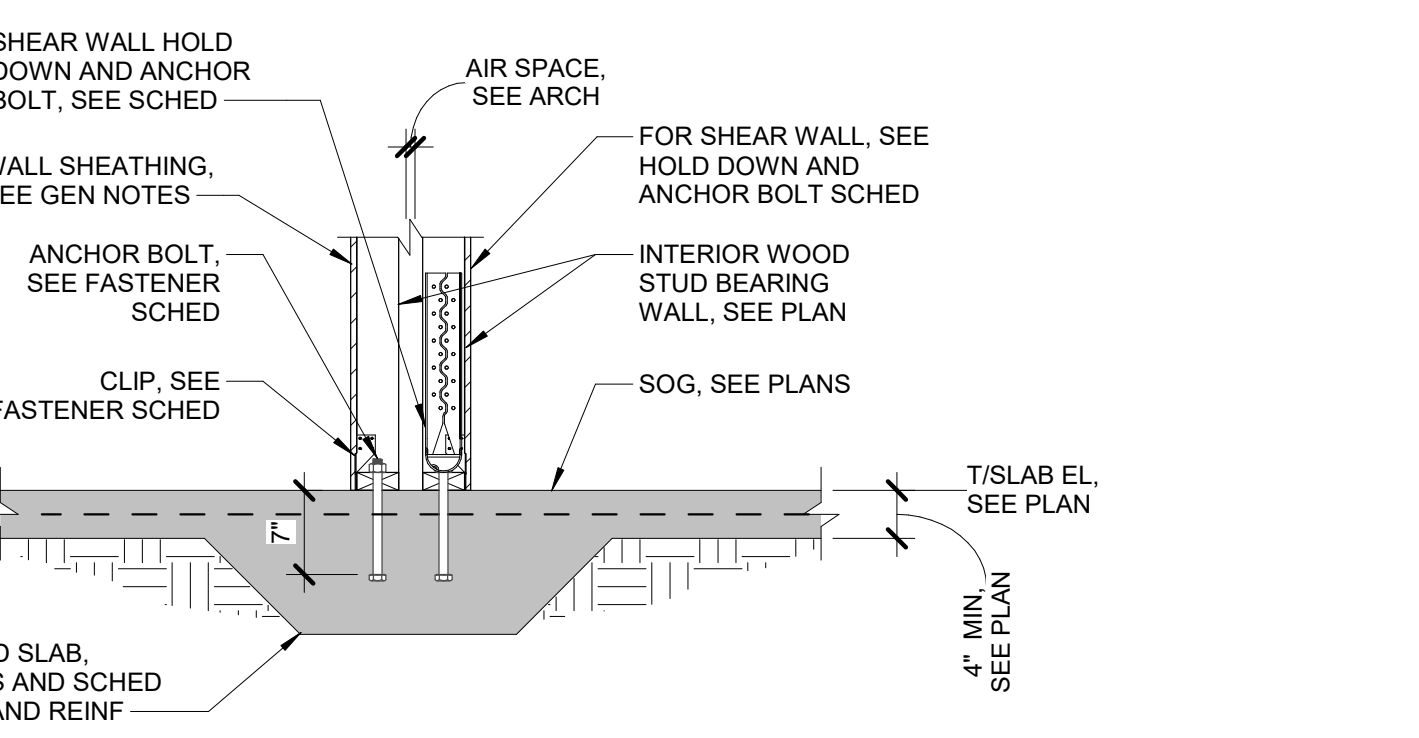
7 STEEL COLUMN FOOTING @ SLAB LEAVE OUT
NO SCALE



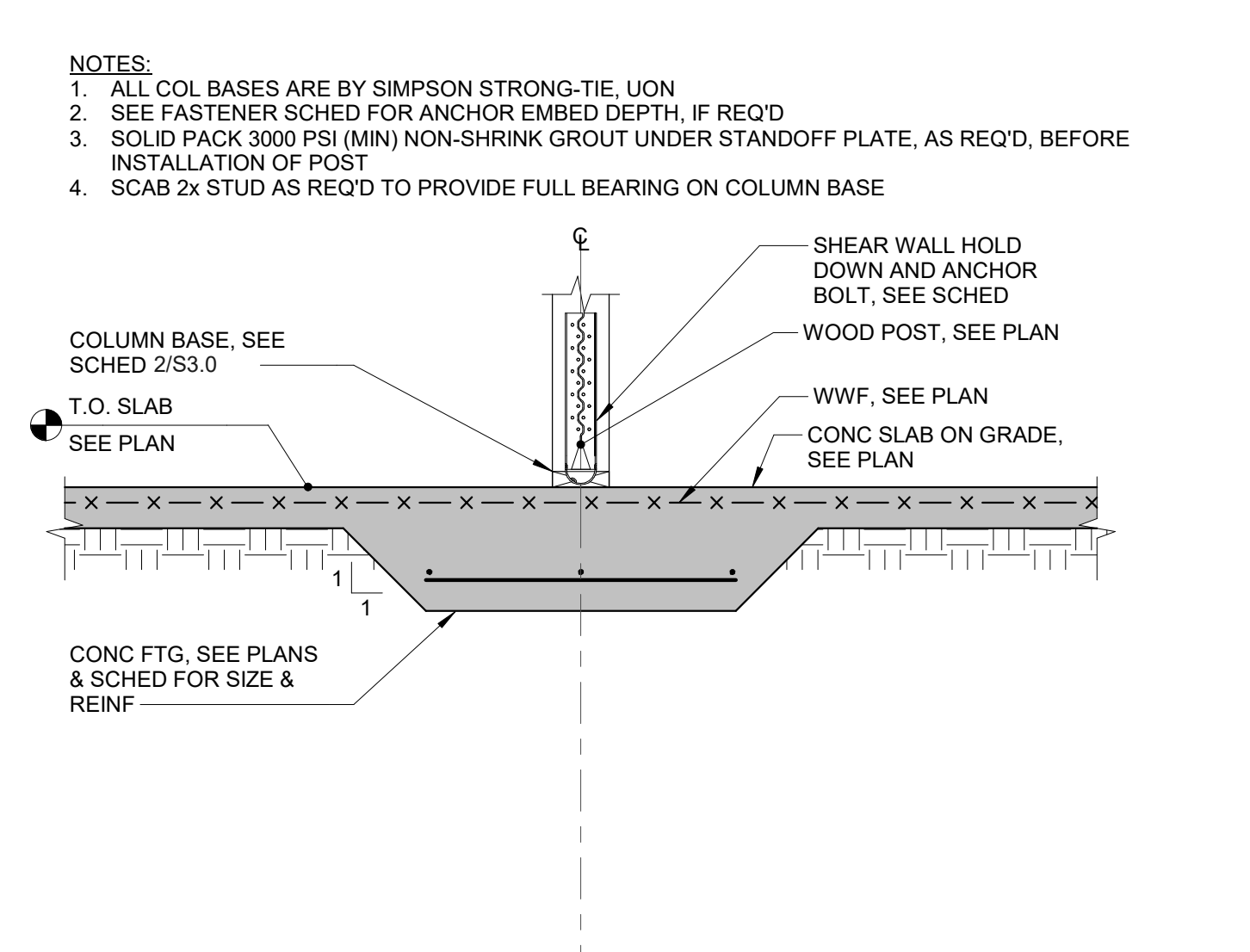
8 BASE PLATE
NO SCALE



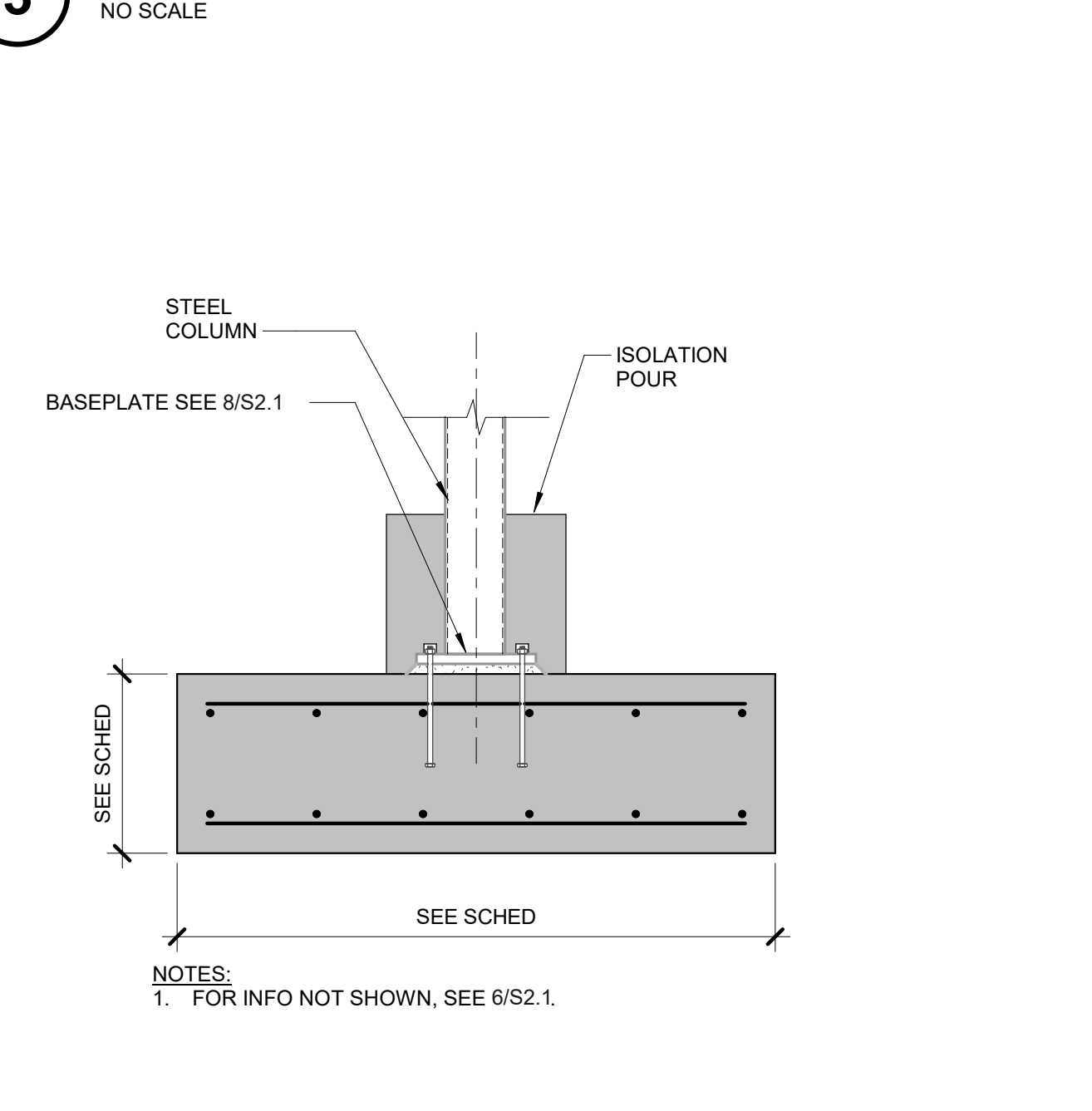
9 SECTION
NO SCALE



10 THICKENED SLAB @ DOUBLE STUD WALL
NO SCALE



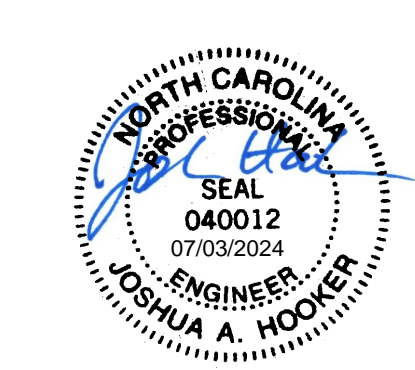
11 THICKENED SLAB @ DOUBLE STUD WALL
NO SCALE



12 STEEL COLUMN FOOTING @ SLAB LEAVE OUT
NO SCALE



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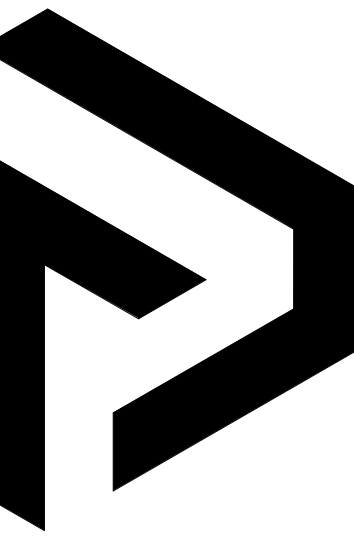
REVISIONS

NO.	DESCRIPTION

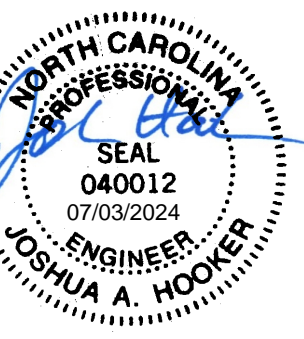
PROJECT: 2344
DATE: 7/3/2024
DRAWN BY: JD
CHECKED BY: JMS
FOUNDATION SECTIONS & DETAILS
S2.1

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REVISIONS

PROJECT: 2344
DATE: 7/3/2024
DRAWN BY: JD
CHECKED BY: JMS

WOOD SCHEDULES & DETAILS

S3.0

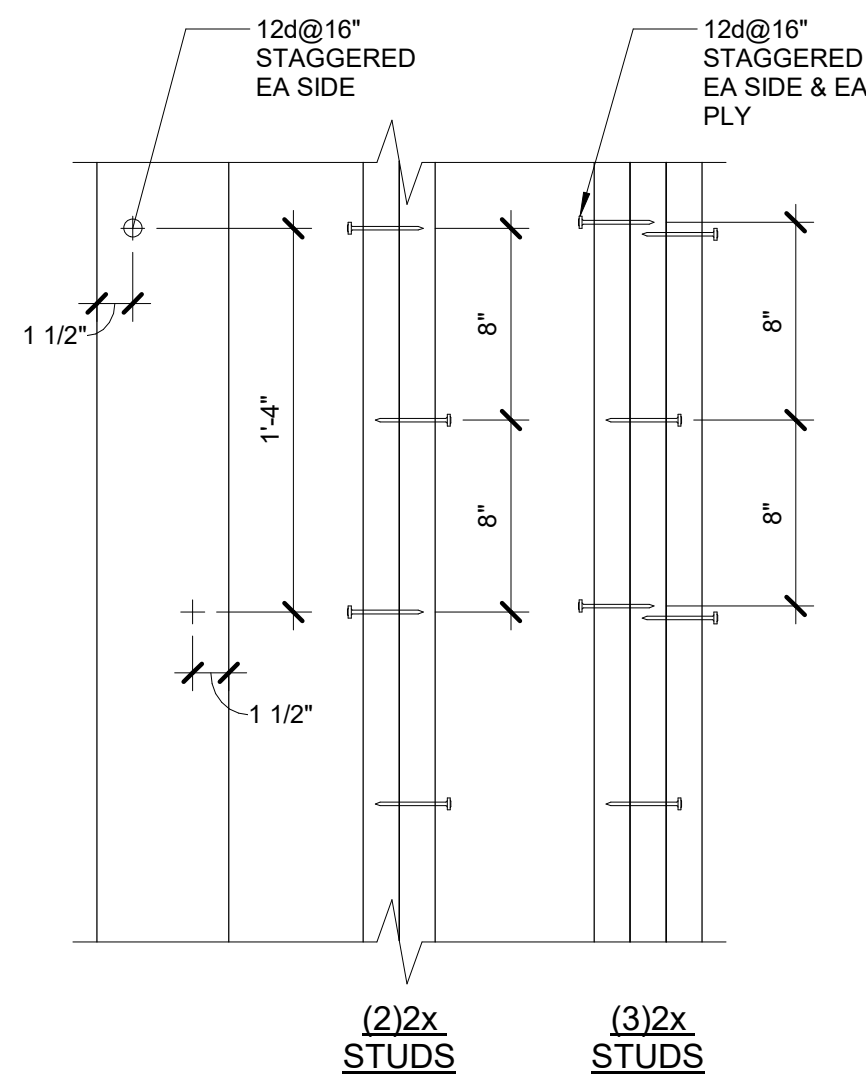
NAIL FASTENING SCHEDULE

CONNECTION	NAIL LOCATION	NAIL (A)	GUN NAIL	STAPLE (B)
JOIST TO SILL OR GIRDER	TOENAIL	(3)8d	(3)3"x0.131"	(3)3" 14 GA
BRIDGING TO JOIST	TOENAIL EA END	(2)8d	(2)3"x0.131"	(2)3" 14 GA
SOLE PLATE TO JOIST OR BLOCKING	TYPICAL FACE NAIL	16d@16"	3"x0.131"@8"	3" 14 GA@12"
TOP PLATE TO STUD	END NAIL	(2)16d	(3)3"x0.131"	(3)3" 14 GA
STUD TO SOLE PLATE	TOENAIL	(4)8d	(4)3"x0.131"	(3)3" 14 GA
STUD TO SOLE PLATE	END NAIL	(2)16d	(3)3"x0.131"	(3)3" 14 GA
DOUBLE STUDS	FACE NAIL	16d@24"	3"x0.131"@8"	3" 14 GA@8"
DOUBLE TOP PLATES	TYPICAL FACE NAIL	16d@16"	3"x0.131"@12"	3" 14 GA@12"
DOUBLE TOP PLATES SPLICE (LAP 4'-0")	FACE NAIL	8-16d	(12)3"x0.131"	(12)3" 14 GA
BLOCKING BETWEEN JOISTS OR RAFTERS TO TOP PLATE	TOENAIL	(3)8d	(3)3"x0.131"	(3)3" 14 GA
RIM JOIST TO TOP PLATE	TOENAIL	8d@6"	3"x0.131"@6"	3" 14 GA@6"
TOP PLATE INTERSECTIONS	FACE NAIL	(2)16d	(3)3"x0.131"	(3)3" 14 GA
CONTINUOUS HEADER, TWO PIECES	FACE NAIL	16d@16" T&B EDGE	-	-
CONTINUOUS HEADER, THREE PIECES	FACE NAIL	16d@16" T&B EA FACE	-	-
CEILING JOISTS TO PLATE	TOENAIL	(3)8d	(5)3"x0.131"	(5)3" 14 GA
CONTINUOUS HEADER TO STUD	TOENAIL	(4)8d	-	-
CEILING JOISTS, LAPS OVER PARTITIONS	FACE NAIL	(3)16d MIN	(4)3"x0.131"	(4)3" 14 GA
1"x8" SHEATHING TO EA BEARING WALL	FACE NAIL	(2)8d	-	-
WIDER THAN 1"x8" SHEATHING TO EA BRG	FACE NAIL	(3)8d	-	-
BUILD-UP CORNER STUDS	FACE NAIL	16d@24"	3"x0.131"@16"	3" 14 GA@16"
2" PLANKS	AT EA BEARING	16d	-	-

- NOTES:
- ALL NAILS TO BE COMMON WIRE NAILS EXCEPT WHERE OTHERWISE STATED.
 - STAPLES SHALL HAVE A MINIMUM CROWN WIDTH OF 7/16".

1 NAIL FASTENING SCHEDULE

NO SCALE



7 BUILT-UP COLUMNS/STUDS

NO SCALE

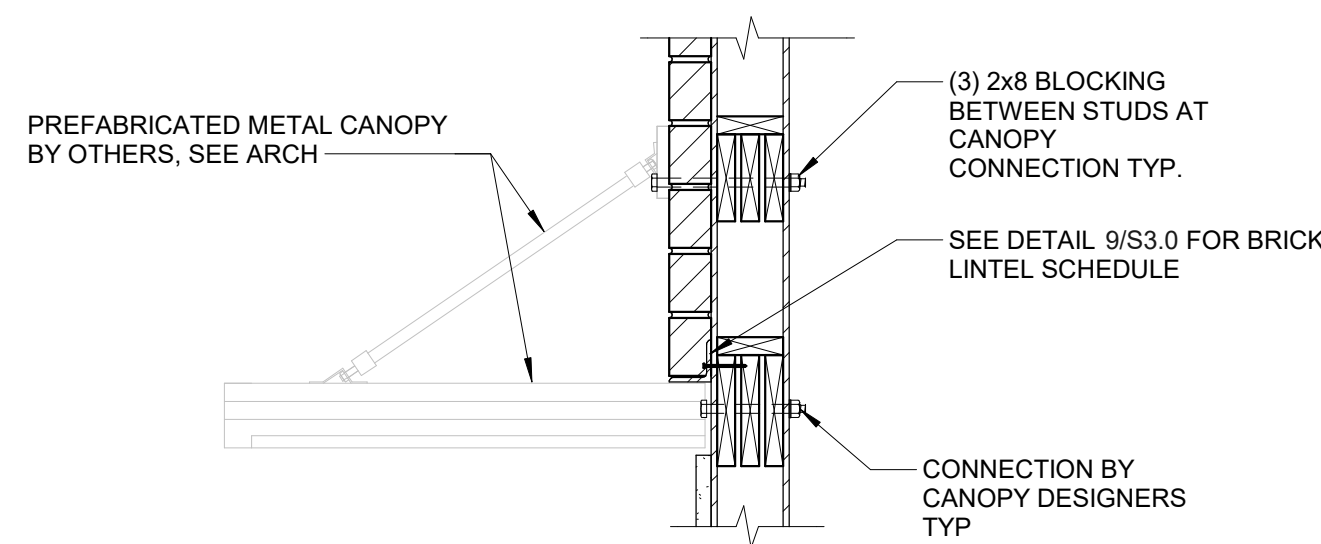
FASTENER SCHEDULE

LOCATION	UPLIFT	FASTENER (1)	CONNECTION	
			TRUSS/RAFTER OR STUD POST	PLATE/FDN
ROOF TRUSS (2)	<455# <500# <1200# >1200#	(1)H5 (1)H2.5A (2)H2.5A SEE DETAIL S3.3	(4)8d (5)8d (5)8d	(4)8d (5)8d (5)8d
TOP PLATE CLIP AT EXT WALLS & INT WALLS w/ ROOF BEARING (4)		SPH@32" (7)	(12)10dx1 1/2"	-
GROUND FLOOR SILL PLATE CLIP AT EXT & INT WALLS w/ ROOF BEARING (4)		SPH@32" (7)	(12)10dx1 1/2"	-
SILL PLATE TO FOUNDATION SLAB OR CMU WALLS (5) (6)		1/2"Ø ANCHOR BOLT w/ 2x2x1/8" PL WASHER OR "MASA" @ 32"	-	-
AT BALCONIES: BEAM TO POST		(2)CS20	(9)8d EA END	-
POST TO FOUNDATION		DTT2	(8)SDS 1/4"x2 1/2"	1/2"Ø (3)

- NOTES:
- ALL CONNECTORS LISTED ARE SIMPSON STRONG-TIE. UON. OTHER MANUFACTURERS MAY BE SUBSTITUTED. NAIL SIZE AND NUMBER SHALL BE IN ACCORDANCE WITH MANUFACTURER'S CATALOG. ROOF TRUSS CLIPS SHALL BE SELECTED TO PROVIDE THE UPLIFT RESISTANCE SHOWN ON THE ROOF TRUSS SHOP DRAWINGS.
 - IN ADDITION TO SCHEDULED HOLD DOWN, PROVIDE (3)10d TOE NAILS.
 - EMBEDMENT OF ANCHOR BOLTS SHALL BE AS FOLLOWS:
BOLT TYPE 1/2"Ø 5/8"Ø 3/4"Ø 7/8"Ø
EMBEDDED ANCHOR @ INTERIOR 7" 7" 7" 7"
EMBEDDED ANCHOR @ EDGE 7" 7" 8" 10"
EMBEDDED ANCHOR IN TOP OF CMU WALL 7" 9" 13" 18"
EPOXIED THREADED ROD --SEE GENERAL NOTES--
EXPANSION ANCHOR --SEE GENERAL NOTES--
 - EDGE DISTANCE FOR SILL PLATE BOLTS SHALL BE A MIN OF 1/2 OF SILL WIDTH. EDGE DISTANCE FOR HOLDDOWNS AND ALL OTHERS SHALL BE 2 1/2" MIN. EMBEDDED ANCHOR BOLTS SHALL BE HEADED OR BE THREADED RODS WITH A NUT ATTACHED TO THE EMBEDDED END. J-BOLTS GREATER THAN 1/2"Ø ARE NOT PERMITTED.
 - WHEN TRUSS UPLIFT EXCEEDS 400 LBS, PROVIDE WALL CLIPS AND STRAPPING AT 16", OR LTT208 FROM TRUSS TO STUD AND STUD TO SLAB.
 - AT INTERIOR WALLS, 1/2"Ø EXPANSION BOLTS MAY BE SUBSTITUTED. AT EXTERIOR WALLS, 1/2"Ø THREADED RODS EPOXIED INTO THE SLAB MAY BE SUBSTITUTED. AT BOTH INTERIOR AND EXTERIOR WALLS, SIMPSON TITEN THD50800H SCREWS MAY BE SUBSTITUTED.
 - SEE SHEAR WALL SCHEDULE FOR SILL PLATE ATTACHMENT AT SHEAR WALLS.
 - TOP PLATE CLIPS AND SILL PLATE CLIPS AT ELEVATED FLOORS MAY BE SUBSTITUTED w/ (2)SDWC15800 SCREWS. SILL PLATE CLIPS AT THE GROUND FLOOR MAY BE SUBSTITUTED w/ (3)SDWC15450 SCREWS. INSTALL PER SIMPSON'S PRINTED INSTRUCTIONS.

2 FASTENER SCHEDULE

NO SCALE

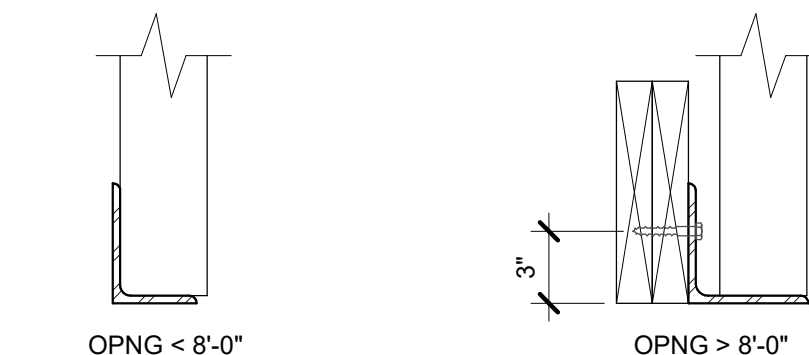


8 PREFABRICATED METAL CANOPY BY OTHERS

NO SCALE

4" BRICK LINTEL SCHEDULE

OPENING	LINTEL
< 6'-0"	L3 1/2x3 1/2x5/16
≤ 8'-0"	L5x3 1/2x5/16 LLV
> 8'-0"	L5x5x5/16 w/ 1/2"Ø LAG SCREW INTO HEADER @ 24"



- NOTES:
- PROVIDE 4" MIN BEARING EA SIDE OF OPENING.
 - CURVE ANGLE AS NECESSARY.
 - THE SHELF ANGLE SIZES SHOWN ARE THE MINIMUM REQUIRED BASED ON THE REQUIRED LOAD. THEY DO NOT NECESSARILY SATISFY THE ARCHITECTURAL FLASHING REQUIREMENTS AT DOOR AND WINDOW HEADS. THE MINIMUM BRICK BEARING ON THE LINTEL IS 2/3 OF THE THICKNESS OF THE BRICK, A MINIMUM OF 5 1/2" LEG ON THE SHELF ANGLE IS TYPICALLY REQUIRED IN THESE SITUATIONS. G.C. TO ENSURE SHELF ANGLE DOES NOT PROTRUDE BEYOND THE FACE OF BRICK.

9 BRICK LINTEL SCHEDULE

NO SCALE

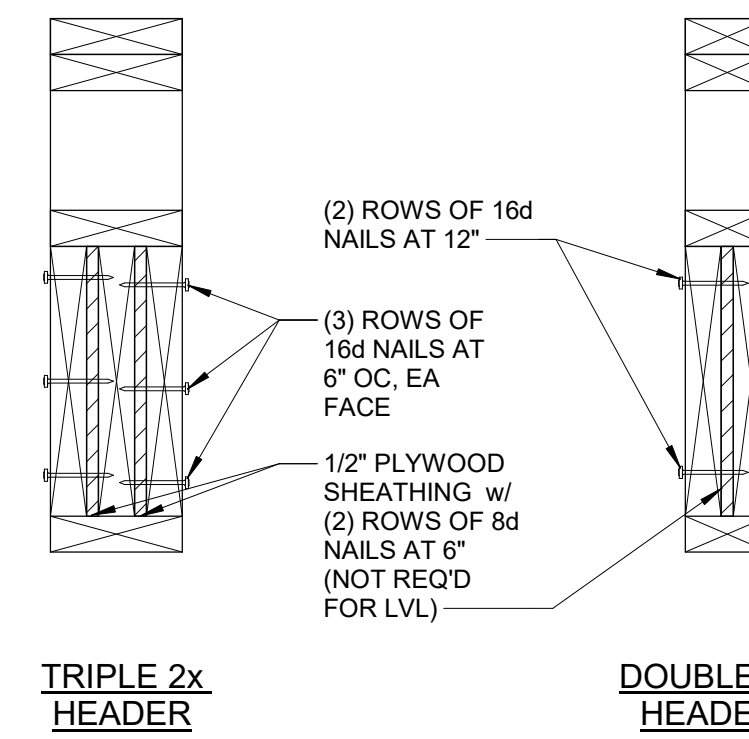
STUD SCHEDULE

EXTERIOR	INTERIOR
(2)2x6@16" SPF #1/#2	(2)2x6@16" SPF #1/#2

- NOTES:
- SPF DENOTES SPRUCE-PINE-FIR (SYP #2 MAY BE SUBSTITUTED).
 - INTERIOR NON LOAD BEARING STUDS SHALL BE 2x4@24" OR 2x6 @ 24" STUD GRADE SPF.
 - WHERE (2)2x6 STUDS ARE REQUIRED, THIS DOUBLE STUD COMBINATION SHALL BE CONSIDERED AS ONE STUD IN ALL NOTES AND DETAILS THAT REFER TO A "NUMBER OF STUDS" REQUIRED (EXCEPT FOR SHEAR WALL SCHEDULE). ALL DOUBLE STUDS SHALL BE NAILED TOGETHER AS PER DETAIL S3.0

3 STUD SCHEDULE

NO SCALE



5 MULTI-PLY HEADERS

NO SCALE

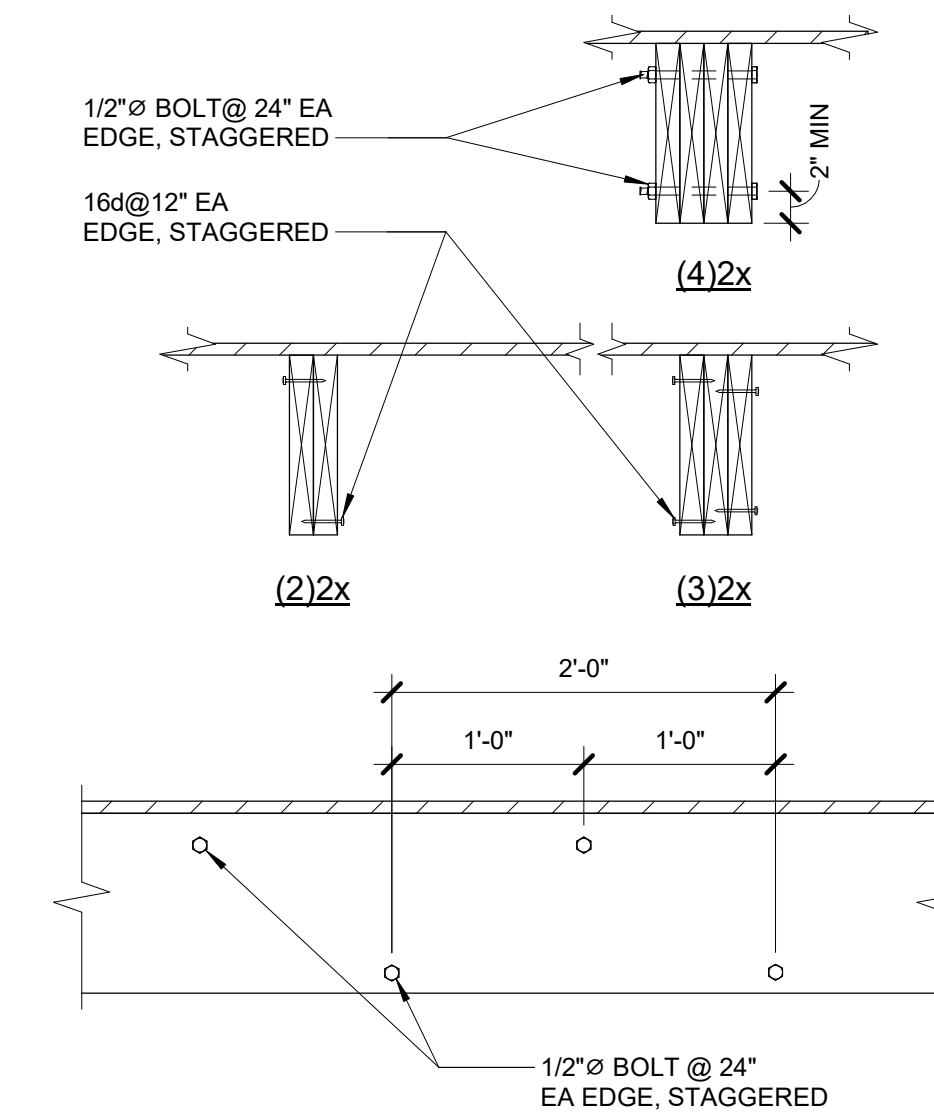
HEADER & OPENING FRAMING SCHEDULE

MARK	MEMBER SIZE	POST VALUES			CLEAR SPAN	MEMBER SIZE	REMARKS
		POST SIZE	# TRIMMERS	# KING			
H1	(3) 2x6	(4)2x6	1	3	54'-2"	EXTERIOR	-
H2	(3) 2x8	(4)2x6	1	3	55'-0"	EXTERIOR	-
H3	(3) 2x10"	(5)2x6	1	4	56'-0"	EXTERIOR	-
H4	(3) 2x12"	(2)2x6 + (4)2x6	2	4	56'-6"	EXTERIOR	-
H5	(3) 1.75x9.25 LVL	(4)2x6 + (5)2x6	4	5	≤12'-4"	EXTERIOR	-
H6	(3) 2x6	(2)2x6	1	1	54'-0"	INTERIOR	-

- NOTES:
- ALL HEADERS AND BEAMS SHALL BE FASTENED TOGETHER PER DETAIL 5/S3.0 AND 6/S3.0
 - BEAMS MARKED WITH * CAN SUBSTITUTE A (3)1 7/8"x7.25"LVL
 - SPF DENOTES SPRUCE-PINE-FIR (SYP #2 MAY BE SUBSTITUTED).
 - HEADERS IN NON LOAD BEARING WALLS ARE TO BE (2) 2x6 OR (3) 2x4.

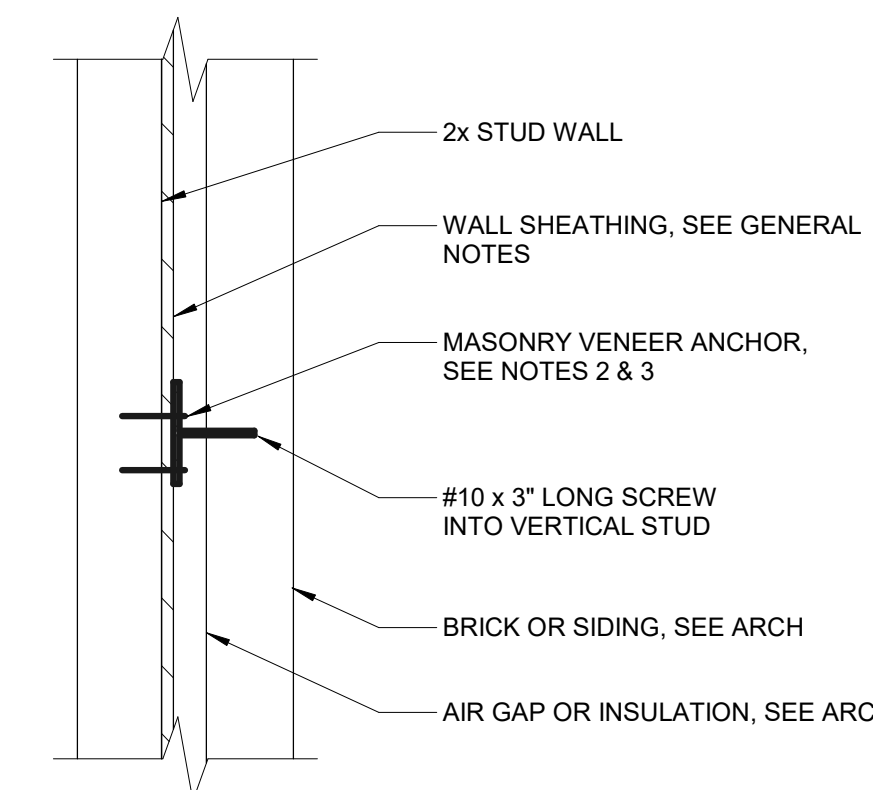
4 HEADER & OPENING SCHEDULE

NO SCALE



6 BUILT-UP BEAMS

NO SCALE



- NOTES:
- COORD INFORMATION SHOWN w/ ARCH.
 - BRICK VENEER ELEVATIONS w/ AIR GAP PROVIDE (1) PIECE CORRUGATED METAL WALL TIE w/ VENEER ANCHOR @ 16" EW AT NON-INSULATED LOCATIONS w/ AIR GAP AND MAY BE USED UP TO 1/2" EXPECTED ALLOWABLE MOVEMENT.
 - BRICK VENEER ELEVATIONS w/ INSULATED GAP PROVIDE: GASKETS WALL TIES OR SIMILAR POCKET TYPE TO RECEIVE THE INSULATION BOARD & PROVIDE POSITIVE CONTACT w/ WOOD STUDS.

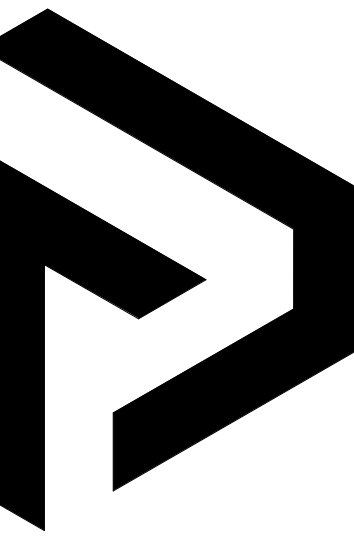
10 BRICK TIE SCHEDULE

NO SCALE

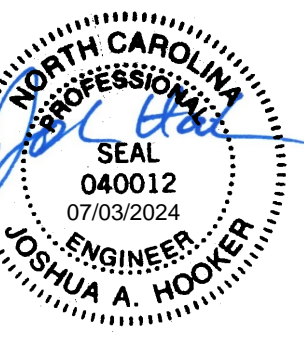
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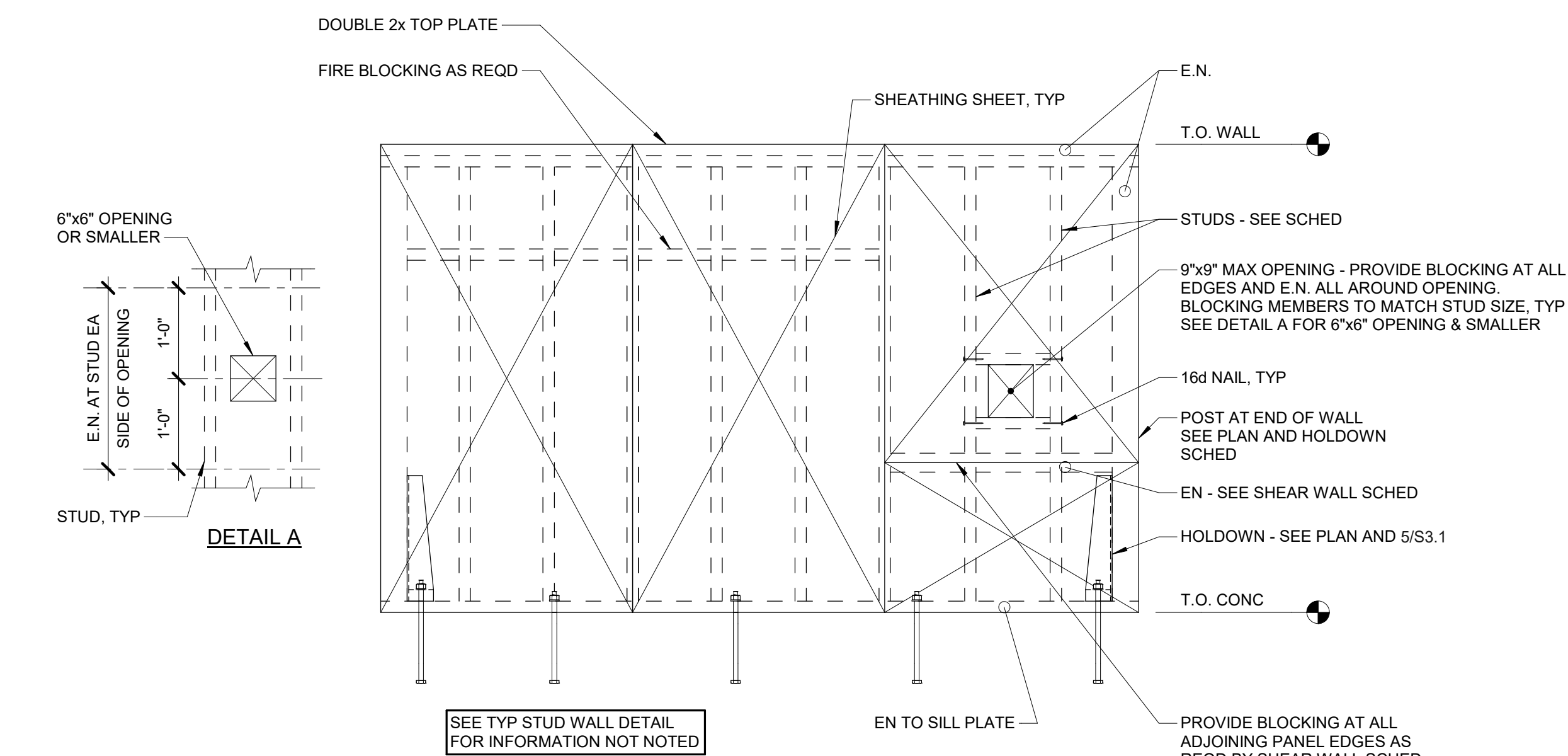


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REVISIONS

PROJECT: 2344
DATE: 7/3/2024
DRAWN BY: JD
CHECKED BY: JMS
WOOD SHEAR WALL SCHEDULES & DETAILS
S3.1

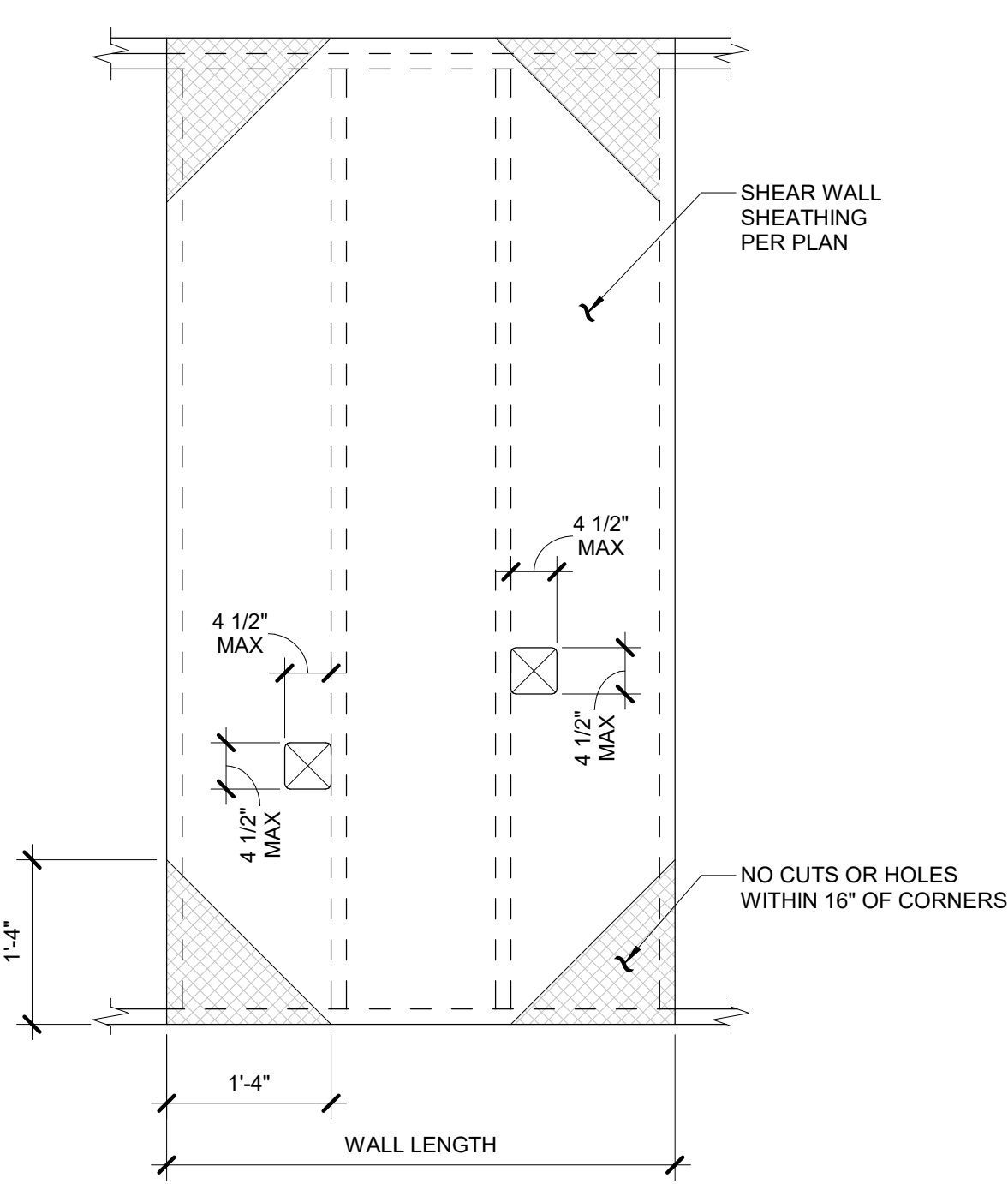


SHEAR WALL SCHEDULE

MARK	SHEATHING (NOMINAL THICKNESS)	SIDES	SHEATHING NAILING		BLOCKING REQUIRED	SILL PLATE ATTACHMENT	REMARKS
			EDGE (E.N.)	FIELD (F.N.)			
SW6	7/16" OSB OR PLYWOOD	ONE	8d @ 6"	8d @ 12"	YES	1/2" DIA ANCHOR BOLT OR MASA 32"	
SW4	7/16" OSB OR PLYWOOD	ONE	8d @ 4"	8d @ 12"	YES	1/2" DIA ANCHOR BOLT OR MASA 32"	
SW3	7/16" OSB OR PLYWOOD	ONE	8d @ 3"	8d @ 12"	YES	1/2" DIA ANCHOR BOLT OR MASA 32"	

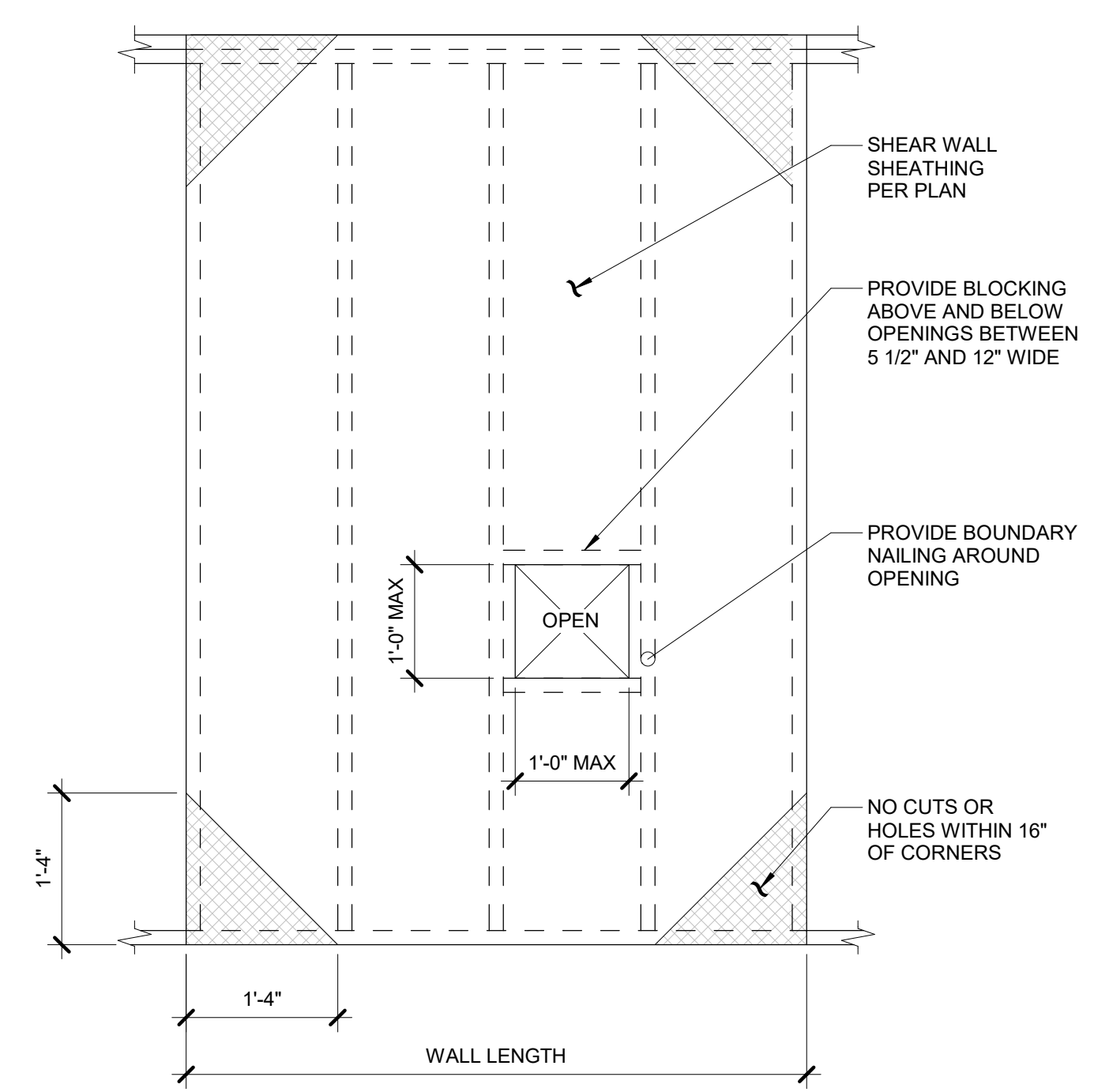
- NOTES:
- APA RATED, STRUCTURAL 1, 15/32" MIN, 5-PLY, EXPOSURE 1 OR APPROVED OSB.
 - ALL NAILS SHALL BE COMMON OR GALVANIZED BOX NAILS WITH 1 1/2" MIN PENETRATION INTO FRAMING.
 - FOR TRANSFER NAILING, PREDRILL HOLES FOR NAILS WHERE NAILS TEND TO SPLIT WOOD.
 - PROVIDE 3x STUDS OR 3x BLOCKING AT ADJOINING PANEL EDGES.
 - SEE GENERAL NOTES FOR PLYWOOD INFORMATION.
 - PROVIDE BLOCKING IN SHEAR WALL PER TYP SHEAR WALL ELEVATION DETAIL.
 - STAGGER VERTICAL JOINTS IN OSB SHEETS WHERE SHEAR WALLS ARE SHEATHED ON BOTH SIDES.
 - WHERE ROOF JOISTS ARE PERPENDICULAR TO SHEAR WALL, PROVIDE SIMPSON H3 CLIP FROM ROOF JOIST TO DOUBLE PLATE IN ADDITION TO CLIP SHOWN ON SHEAR WALL SCHED.
 - NUMBER OF ANCHOR BOLTS REQD EQUAL TO WALL LENGTH DIVIDED BY BOLT SPACING.
 - HOLDOWN CONNECTOR BOLTS INTO WOOD FRAMING REQUIRE APPROVED PLATE WASHERS. HOLDOWNS SHALL BE FINGER TIGHT AND WRENCH TURNED JUST PRIOR TO COVERING THE WALL FRAMING. CONNECTOR BOLTS INTO WOOD FRAMING REQUIRE STEEL PLATE WASHERS ON THE POST ON THE OPPOSITE SIDE OF THE ANCHORAGE DEVICE. PLATE SIZE SHALL BE A MIN OF 0.299"x3" x 0'-3".
 - PLATE WASHERS AT SILL ANCHOR BOLTS IN SHEAR WALLS SHALL EXTEND TO WITHIN 1/2" OF THE PLATE EDGE ON THE SIDE(S) WITH SHEATHING. USE SIMPSON BP834-6 OR EQUIVALENT AT 6 INCH NOMINAL WALLS.
 - 1/2" EDGE DISTANCE FROM THE PANEL EDGES AND 3/8" FROM THE EDGE OF CONNECTING MEMBERS.
 - ALL WOOD STRUCTURAL PANEL JOINT AND SILL PLATE NAILING SHALL BE STAGGERED AT ALL PANEL EDGES.
 - USE APA STRUC 1 WHERE FIRE TREATED PLYWOOD IS REQD.
 - SHEAR WALL SHEATHING SHALL BE CONTINUOUS THRU INTERSECTING WALLS OR PROVIDE DETAIL 6/S3.1.
 - ALL EXTERIOR WALLS SHALL BE SHEATHED WITH PLYWOOD. UON ON THE PLANS NAILING SHALL BE PER MARK SW6.
 - SEE DETAILS 2/S3.1 AND 3/S3.1 FOR ALLOWABLE PENETRATIONS IN SHEAR WALLS.
 - SEE DETAIL 4/S3.1 FOR PERFORATED OPENINGS IN SHEAR WALLS.

1 WOOD SHEAR WALL SCHEDULE & ELEVATION
NO SCALE



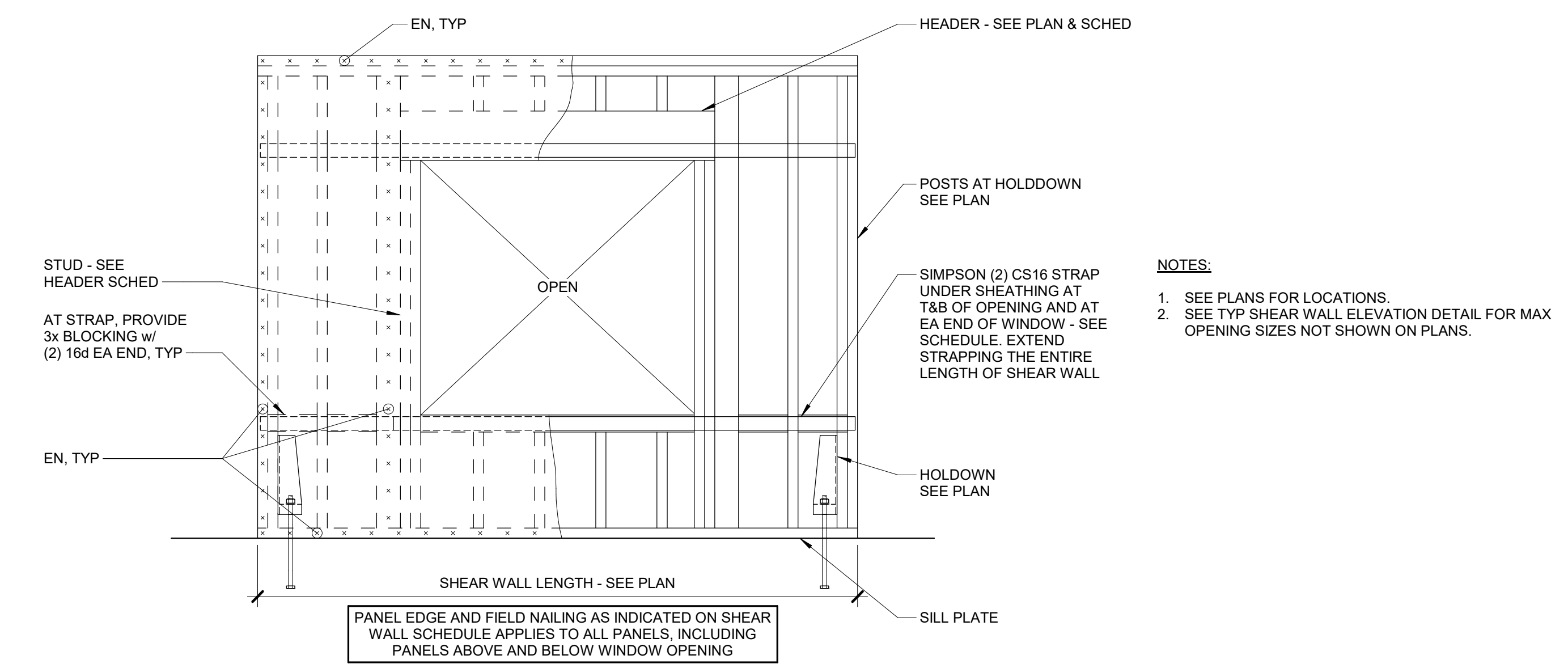
- NOTES:
- THE TOTAL NUMBER OF LENGTH OF ALL OPENINGS CUT IN SHEATHING NOT TO EXCEED 20% OF SHEAR WALL LENGTH. EXAMPLE: FOR A 4'-0" PANEL AS SHOWN, TOTAL ALLOWABLE LENGTH = 20% OF 4' = 9.6". TWO 4 1/2" OPENINGS = 9" TOTAL LENGTH, WHICH IS UNDER THE LIMIT IN THIS CASE.
 - FOR SAW CUT OPENINGS, LENGTH IS DEFINED AS THE LENGTH OF THE SAW CUT AT THE MAXIMUM POINT. ONLY CIRCULAR HOLES OR SAW CUTS WITH RADIUSED CORNERS ARE ACCEPTABLE.
- ACCEPTABLE (LENGTH = 4 1/2") UNACCEPTABLE (LENGTH = 7")

2 ALLOWABLE SMALL HOLES IN SHEAR WALL
NO SCALE



- NOTES:
- THE TOTAL NUMBER OF ALL OPENINGS CUT IN SHEATHING NOT TO EXCEED 20% OF SHEAR WALL LENGTH. EXAMPLE: FOR A 5'-4" PANEL AS SHOWN, TOTAL ALLOWABLE LENGTH = 20% OF 5.33' = 12.8". ONE 12" OPENING, WOULD BE ACCEPTABLE IN THIS CASE.
 - FULL HEIGHT STUDS SHALL BE SPACED NO MORE THAN 16". HOLE SHALL BE LOCATED BETWEEN STUDS. IT IS ACCEPTABLE TO MODIFY LOCATIONS OF STUDS, PROVIDED THEY ARE SPACED NO MORE THAN 16" AND SHEATHING IS NAILED TO EVERY STUD PER SHEAR WALL SCHEDULE / ELEVATION DETAIL.

3 ALLOWABLE LARGE HOLES IN SHEAR WALL
NO SCALE



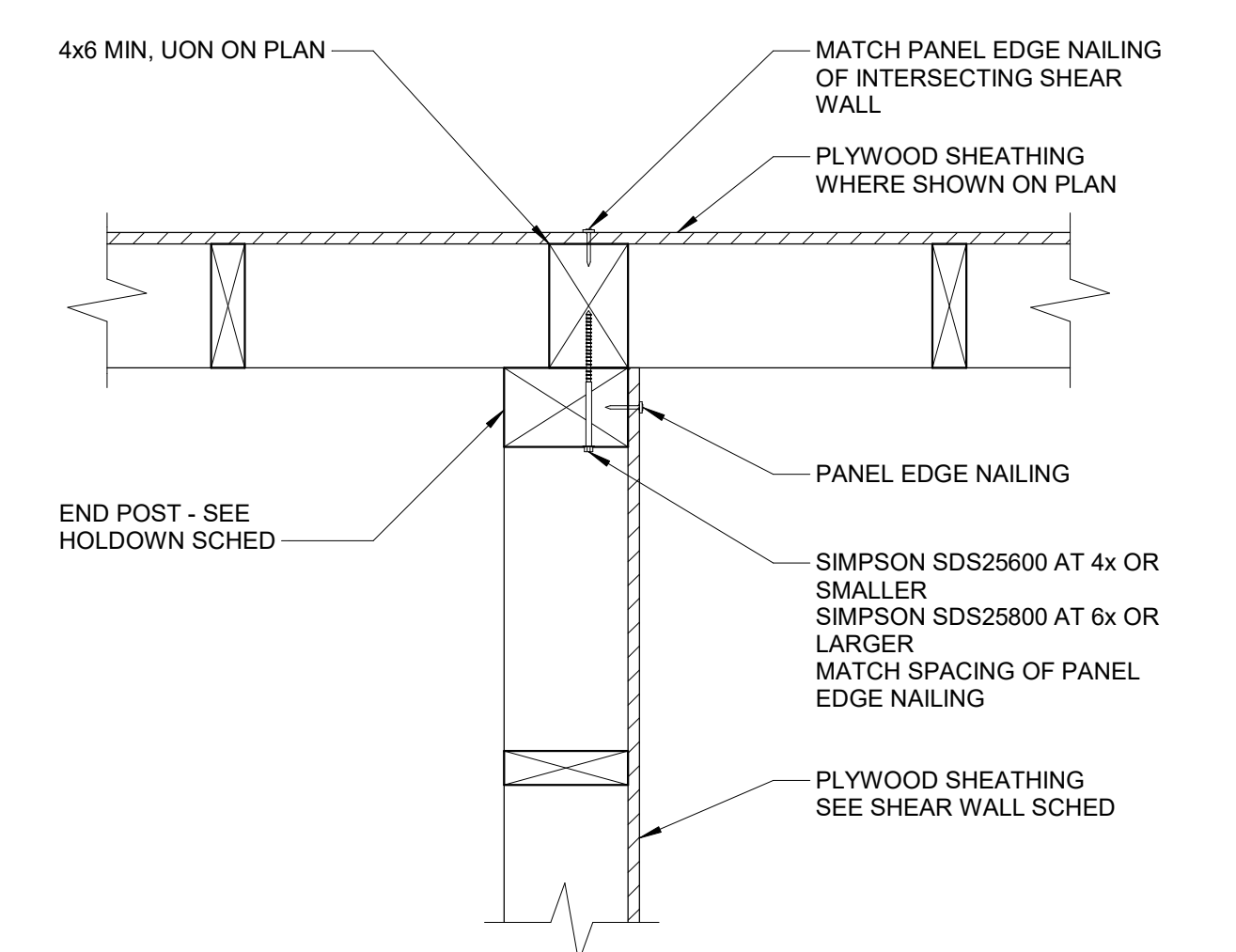
4 OPENING IN SHEAR WALL WITH HOLDOWNS
NO SCALE

HOLDOWN SCHEDULE

MARK	MODEL	THREADED ROD ANCHOR	POST IN 2x6 WALL	POST IN 2x4 WALL
H12	HD12	PAB8 8" EMBED	6-2x6	-
H7	HD7B	PAB7 8" EMBED	2-2x6	6-2x4
H3	HD3B	PAB5 8" EMBED	2-2x6	4-2x4

- NOTES:
- TYPICAL POST SIZE SHOWN IN SCHEDULE. UON ON PLAN.
 - INSTALL HOLDOWNS PER SIMPSON STRONG-TIE SPECIFICATIONS.
 - NOTCHES ARE NOT ALLOWED IN SHEAR WALL END POSTS.
 - SEE TYPICAL DETAIL, SIMPSON HOLDOWNS (NON-ATS) FOR THREADED ROD HOLDOWN ANCHOR INFORMATION.
 - PAB STANDS FOR PRE-ASSEMBLED ANCHOR BOLT. GIVEN EMBED DEPTHS ARE MINIMUM DEPTHS.

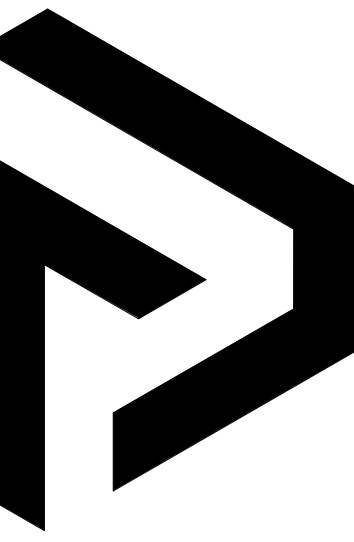
5 SIMPSON HOLDOWN SCHEDULE
NO SCALE



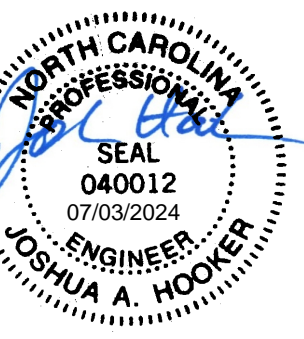
6 SHEAR WALL INTERSECTION
NO SCALE

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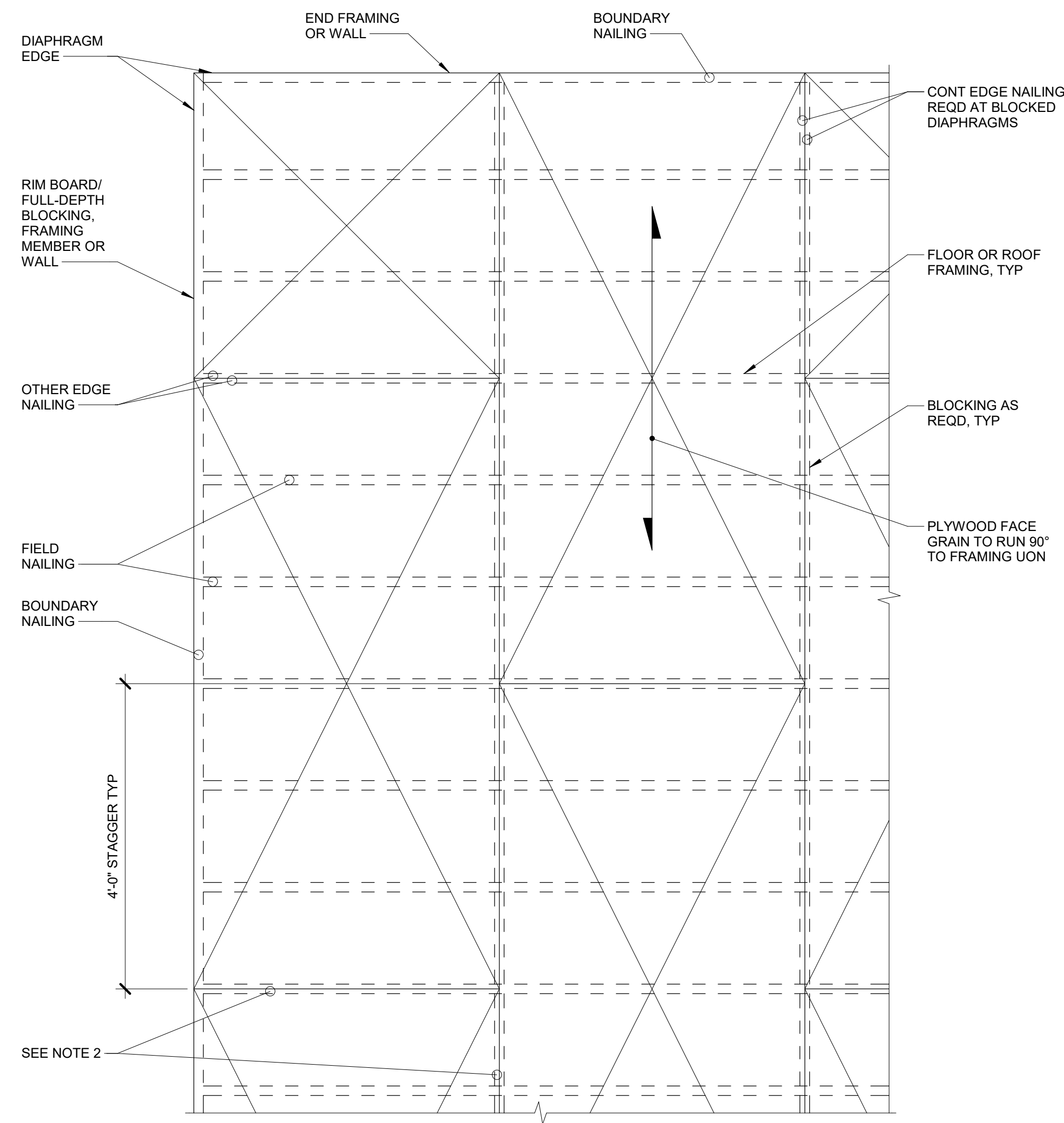
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PROJECT: 2344
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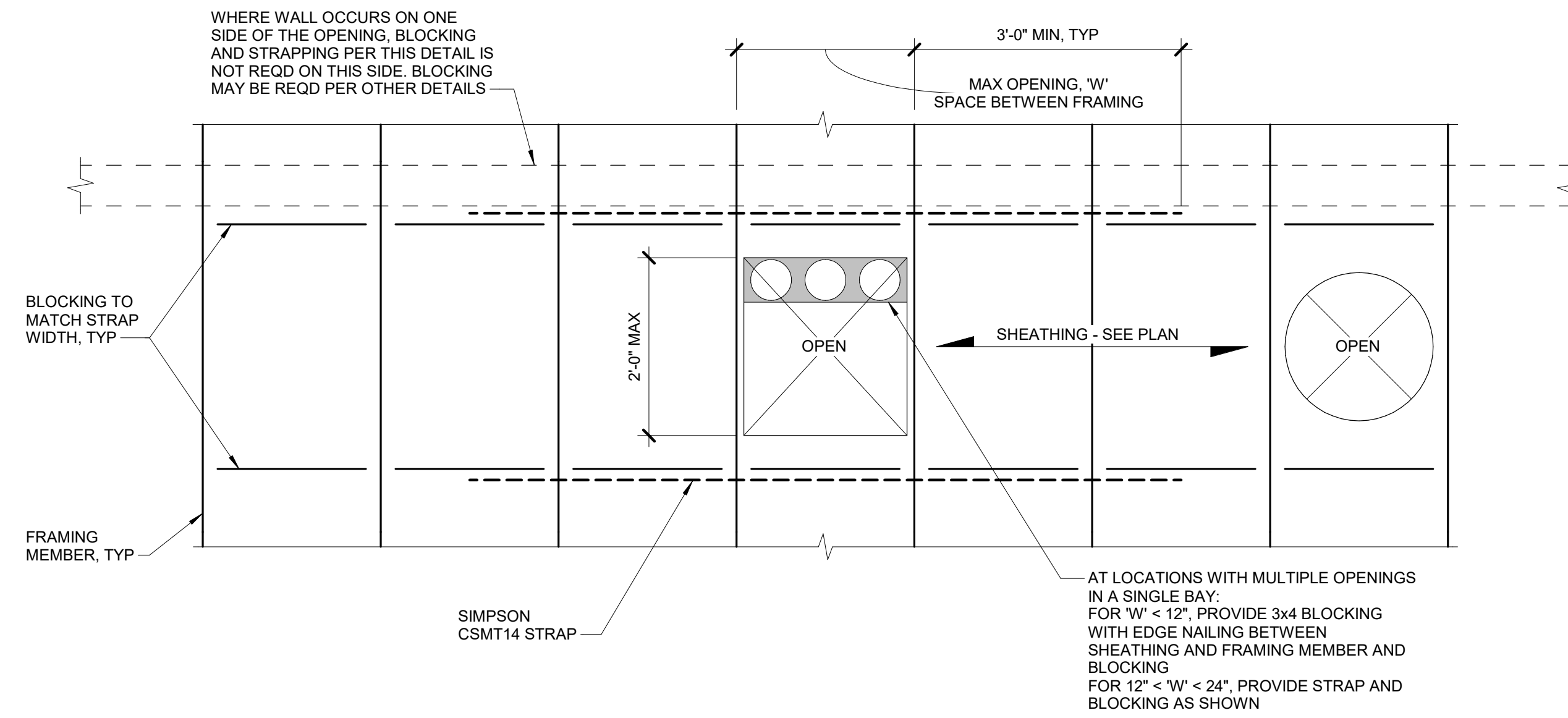
WOOD SECTIONS & DETAILS

S3.2



PLYWOOD NAIL SPACING SCHEDULE						
LOCATION	BOUNDARY NAILING	CONT EDGE NAILING	OTHER EDGE NAILING	FIELD NAILING	SOLID BLOCKING	REMARKS
ROOF	6"	6"	6"	12"	YES	-

- NOTES:
- SHEATHING NAILS SHALL BE 10d NAILS, PENETRATING 2 1/4" INTO THE FRAMING MEMBER OR BLOCKING. ALL NAILS SHALL BE COMMON NAILS.
 - ALL INTERIOR PANEL EDGES SHOWN ON NAILING PLAN SHALL HAVE TWO ROWS OF BOUNDARY EDGE NAILING, ONE ROW EACH EDGE WHERE SHEATHING PANELS ABUT.
 - PLYWOOD THICKNESS AND GRADE PER PLAN AND GENERAL NOTES.
 - ALL SHEATHING PANELS TO BE 4'-0" x 8'-0" EXCEPT WHERE JOB CONDITIONS PROHIBIT. JOINTS FROM SUCCESSIVE ROWS SHALL BE STAGGERED 4'-0" AS SHOWN, MINIMUM PANEL SIZE TO BE 2'-0" x 2'-0".
 - THE OWNER SHALL APPROVE THE USE OF OSB SHEATHING IN LIEU OF PLYWOOD SPECIFIED ON THE APPROVED CONTRACT DOCUMENTS.
 - SEE DETAILS 2/S3.2 AND 3/S3.2 FOR OPENING IN ROOF DIAPHRAM.

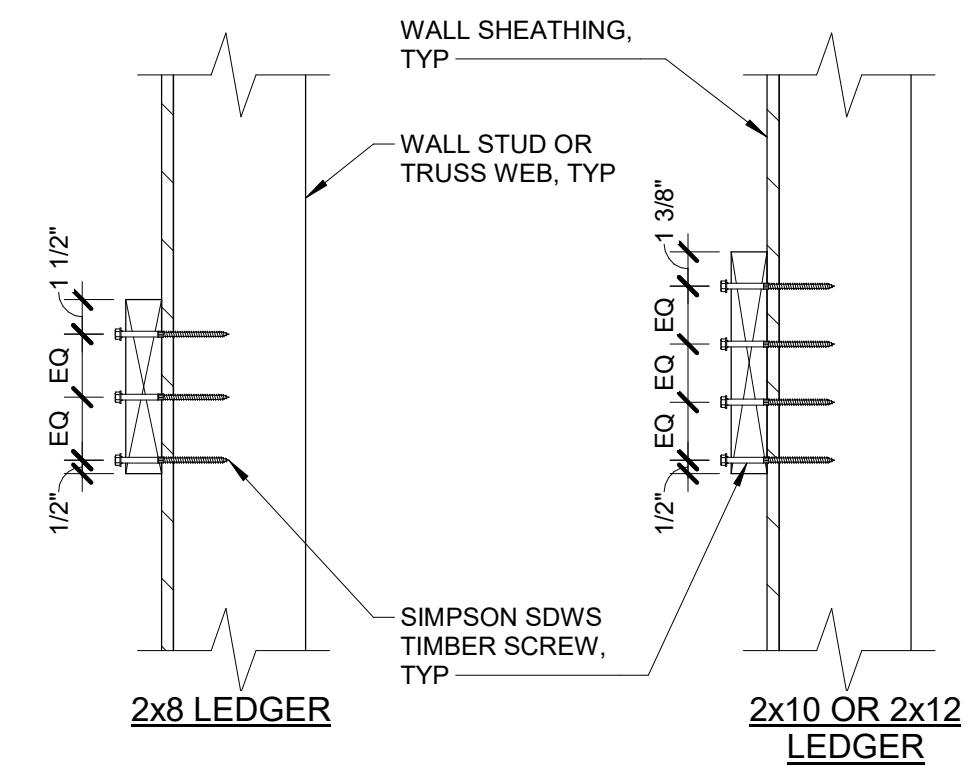
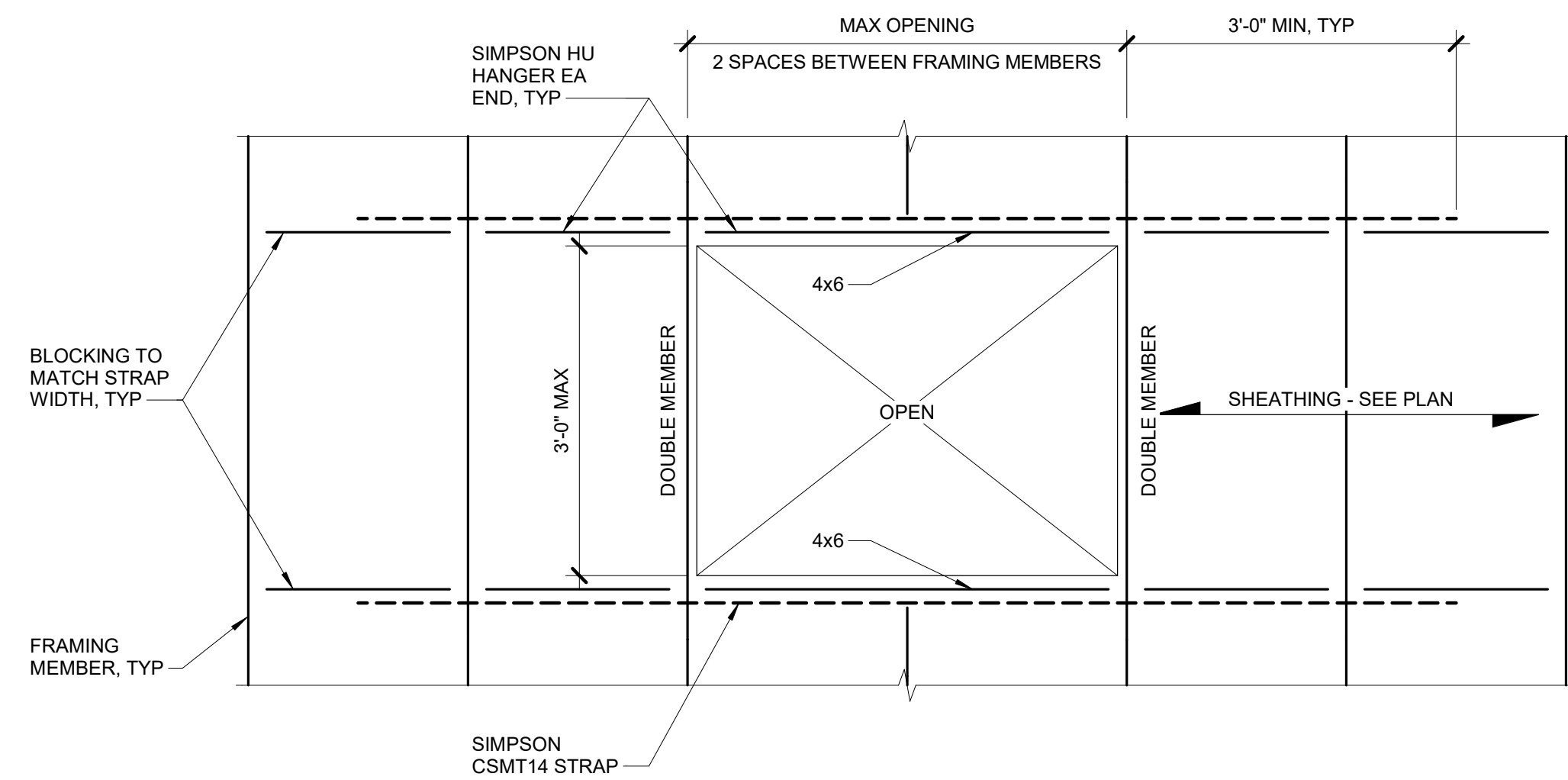


1 ROOF DIAPHRAGM

NO SCALE
6510-01

2 SMALL OPENING AT PLYWOOD DIAPHRAGM

NO SCALE
6510-02



3 LARGE OPENING AT PLYWOOD DIAPHRAGM

NO SCALE
6510-03

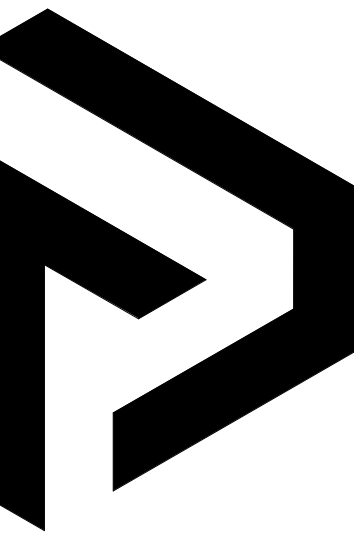
4 SCREW SPACING AT 2x LEDGER

NO SCALE

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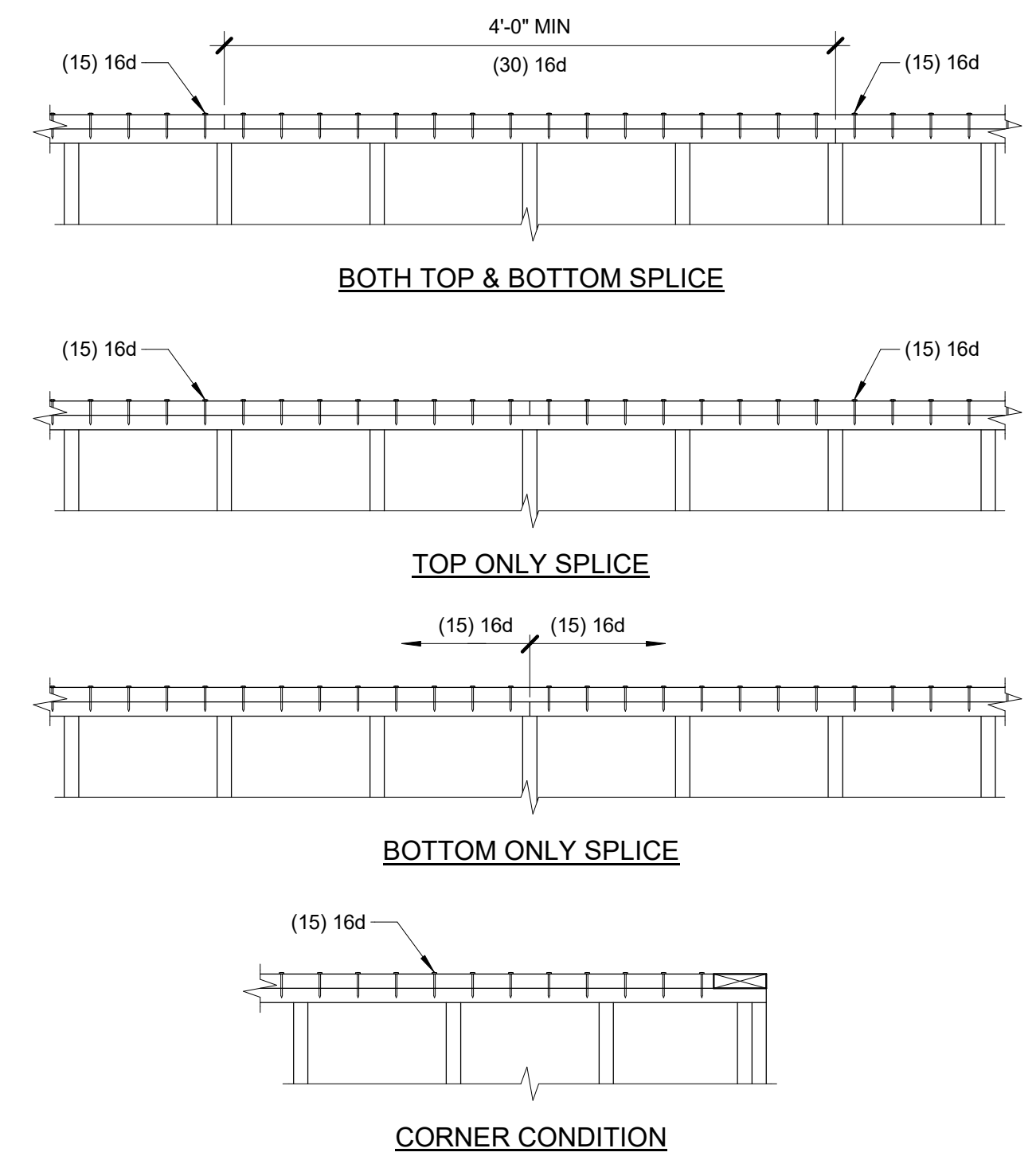
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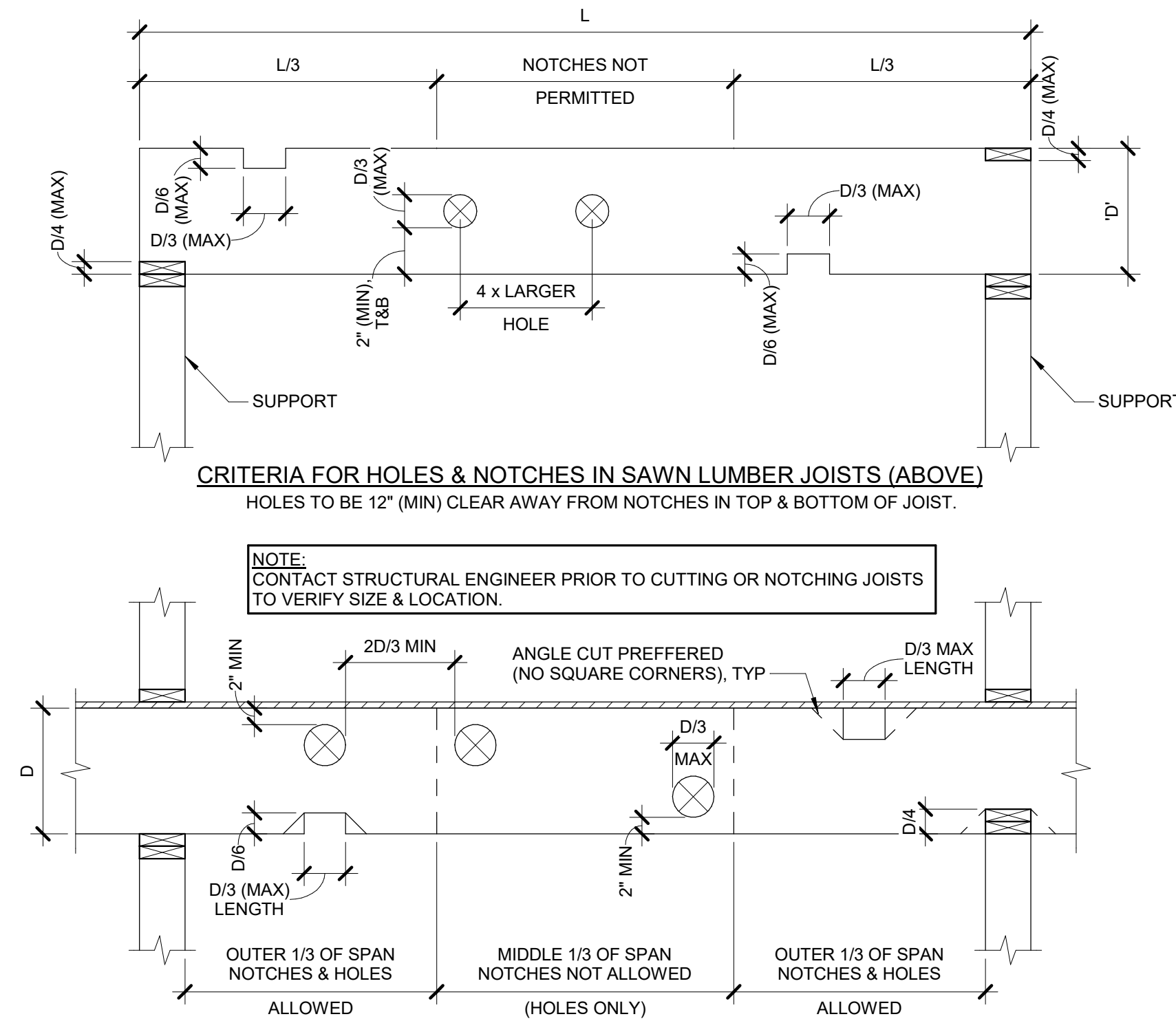
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WOOD SECTIONS & DETAILS

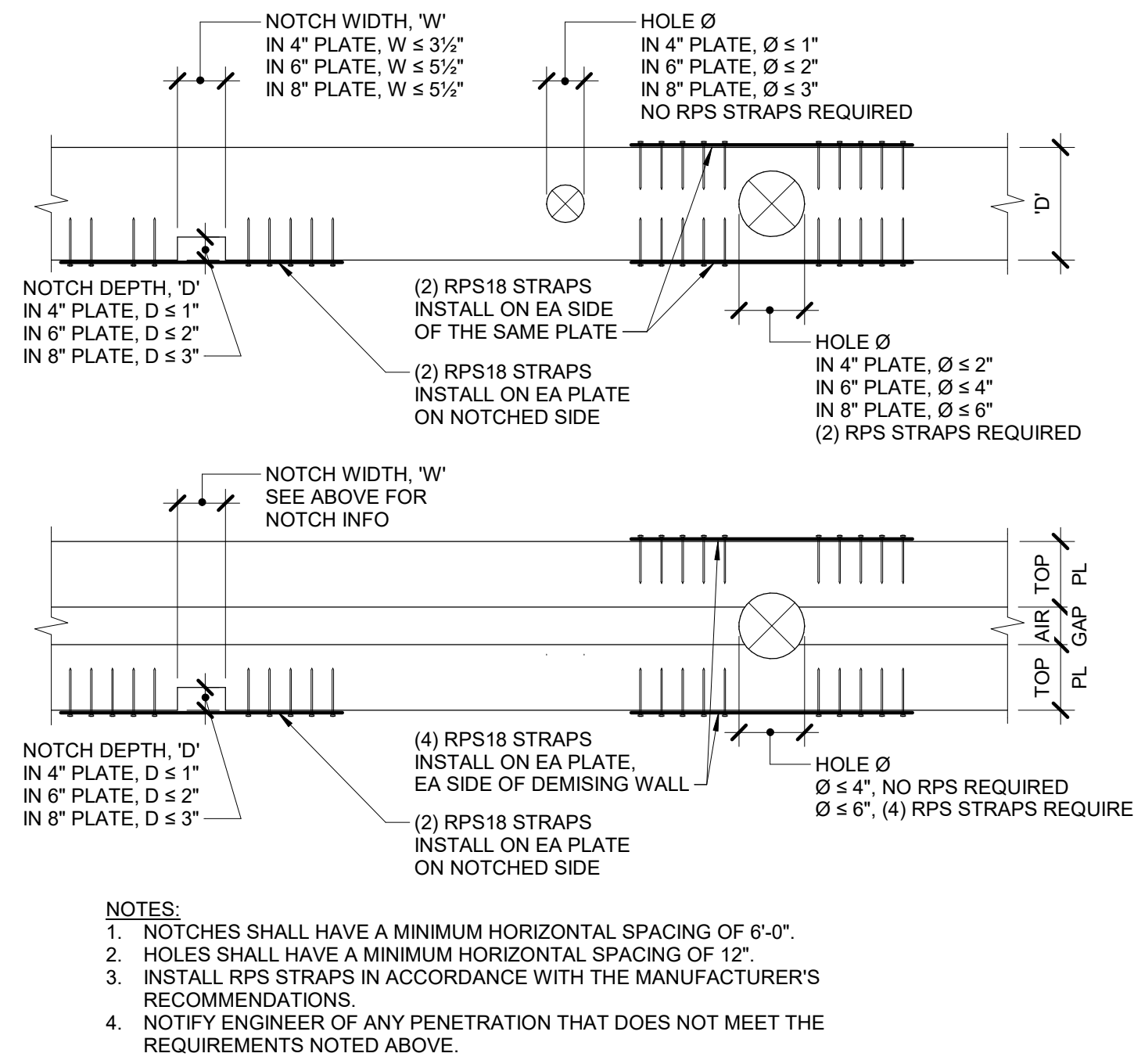
S3.3



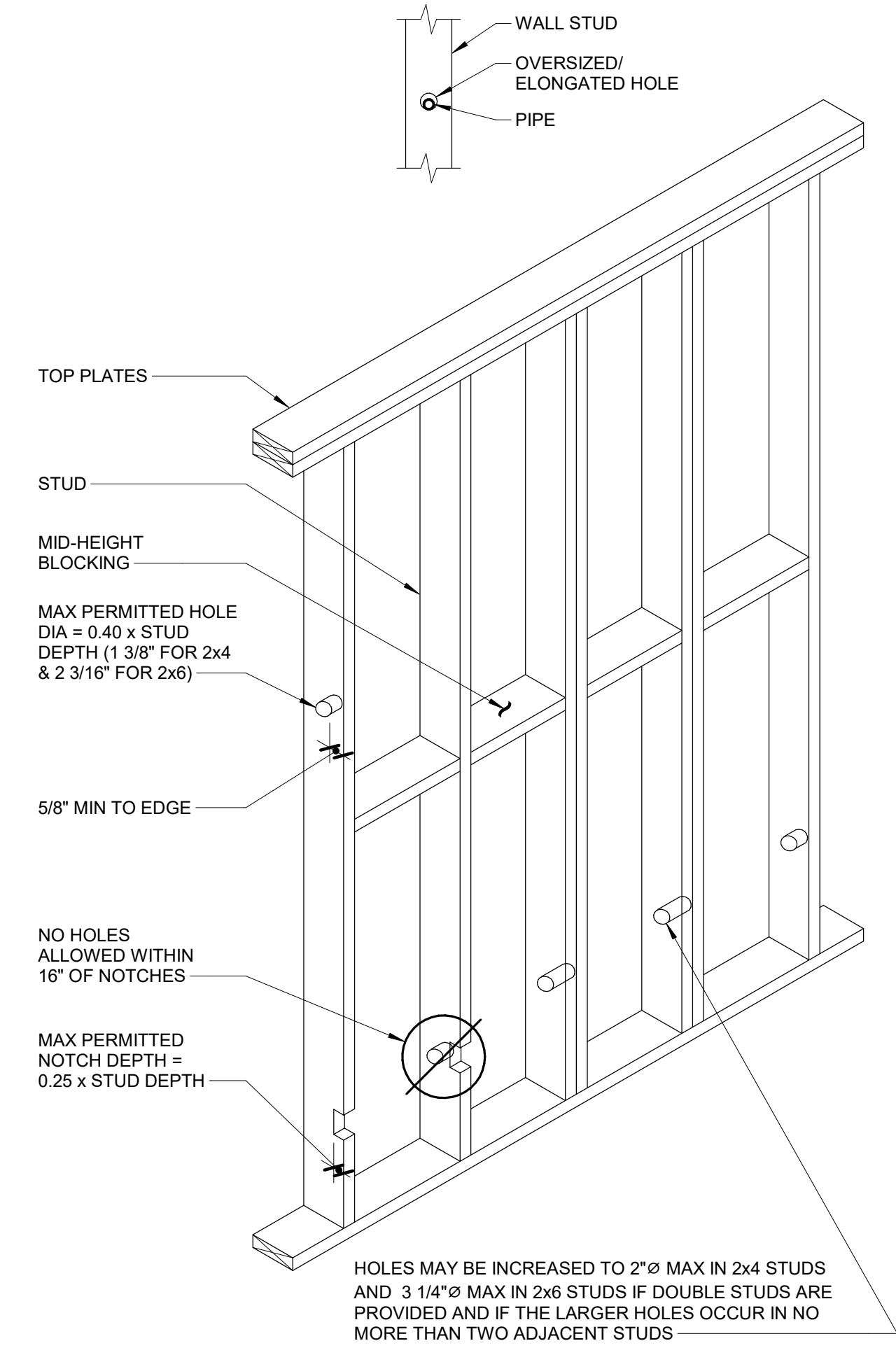
4 TOP PLATE SPLICE AT BEARING / SHEAR WALL
NO SCALE



3 LIMITS FOR HOLES IN JOISTS
3/4" = 1'-0"
6600-05

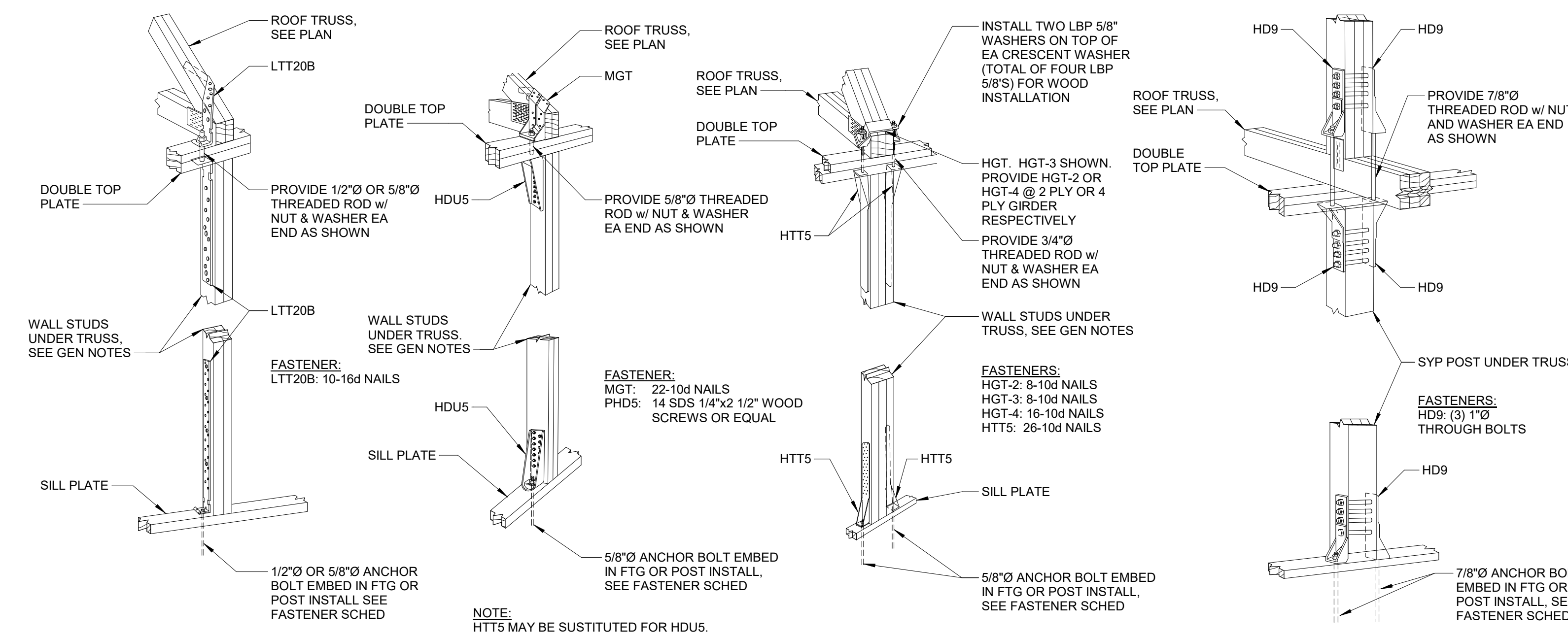


2 NOTCH AND BORING LIMITS FOR TOP PLATES
NO SCALE



- TYPICAL NOTES FOR BEARING WALLS:**
- HOLES AND NOTCHES ARE PROHIBITED IN POSTS AND COLUMNS. PROVIDE SIMPSON NAIL STOP AT ALL PLUMBING PIPE AND ELECTRICAL WIRES OR CABLE.
 - HOLES SHALL NOT BE LOCATED IN THE SAME STUD AS A CUT OR A NOTCH. CONTACT STRUCTURAL ENGINEER PRIOR TO CUTTING OR NOTCHING IF HOLES GREATER THAN 20% STUD WIDTH OR NOTCHES GREATER THAN 10% STUD WIDTH ARE REQUIRED IN TWO OR MORE CONSECUTIVE STUDS.
 - IF HOLE SIZE EXCEEDS VALUE FROM TABLE, PROVIDE SIMPSON HSS STUD SHOE.

1 NOTCH AND HOLE LIMITATIONS IN STRUCTURAL WALLS
NO SCALE



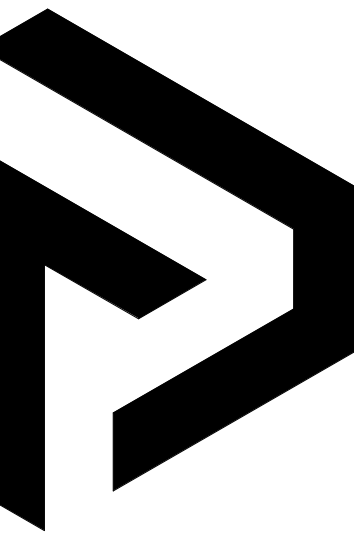
- 5 TYP GIRDER HOLDDOWNS**
NO SCALE
- NOTES:**
- GIRDER HOLDDOWNS SHALL BE FROM STUD TO STUD @ EA FLOOR AND FROM STUD INTO SLAB ON GRADE SO AS TO PROVIDE A CONTINUOUS PATH FOR WIND LOADS FROM THE GIRDER TO THE FOUNDATION.
 - AT HEADERS, LOWER HOLDDOWN SHALL BE TURNED AND NAILED TO HEADER. PROVIDE SAME SIZE HOLDDOWN @ EA SIDE OF OPENING FROM STUDS INTO SLAB ON GRADE. ATTACH HEADER TO STUDS EA SIDE OF OPENING WITH SIMPSON COIL STRAPS AS FOLLOWS:
 - IF HOLDDOWN IS LTT20B: 2-CS20
 - IF HOLDDOWN IS PHD5: 3-CS16
 - IF HOLDDOWN IS 2-HTT5: 6-CS16
 - IF HOLDDOWN IS 2-HD9: NOT ALLOWED

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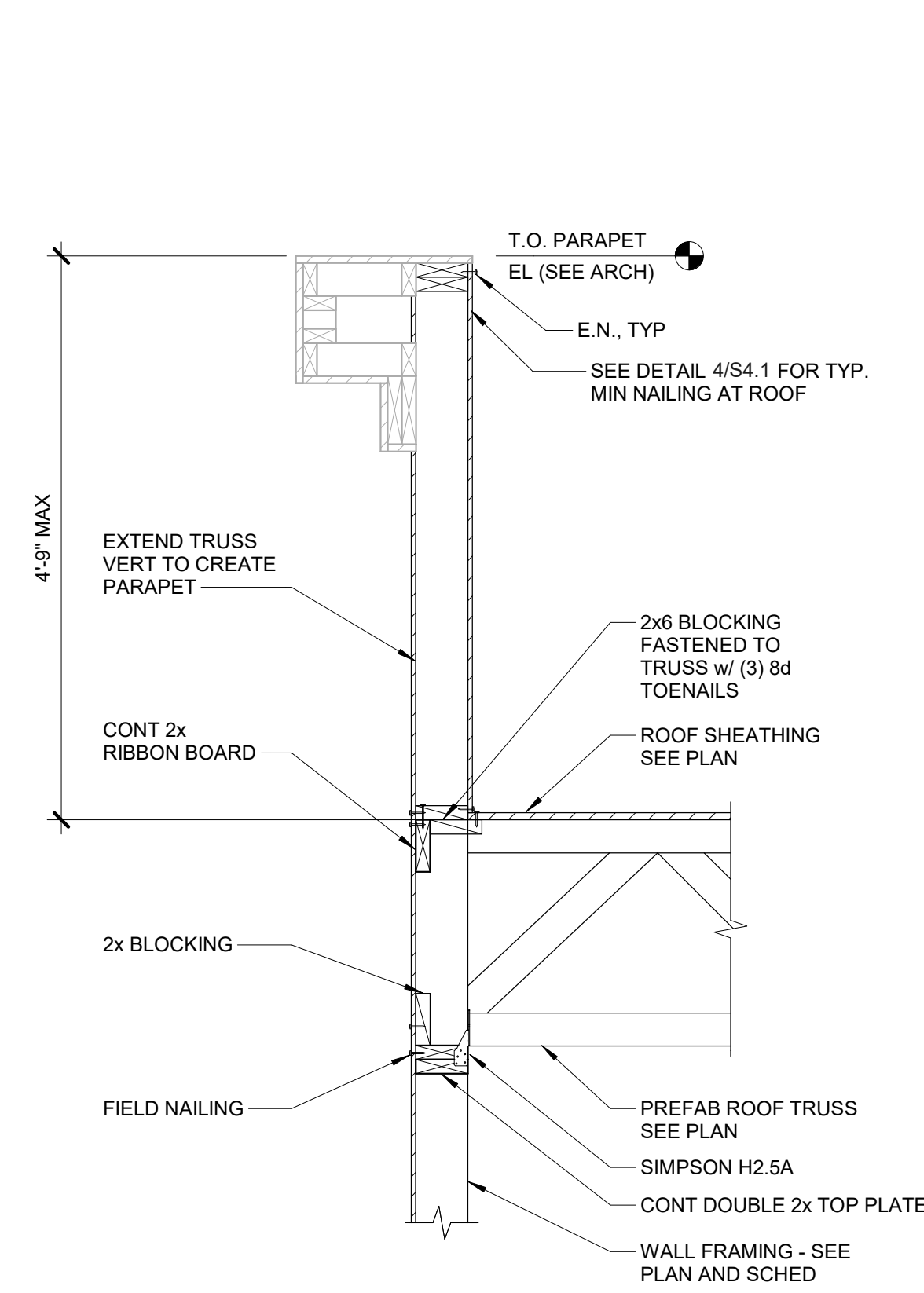


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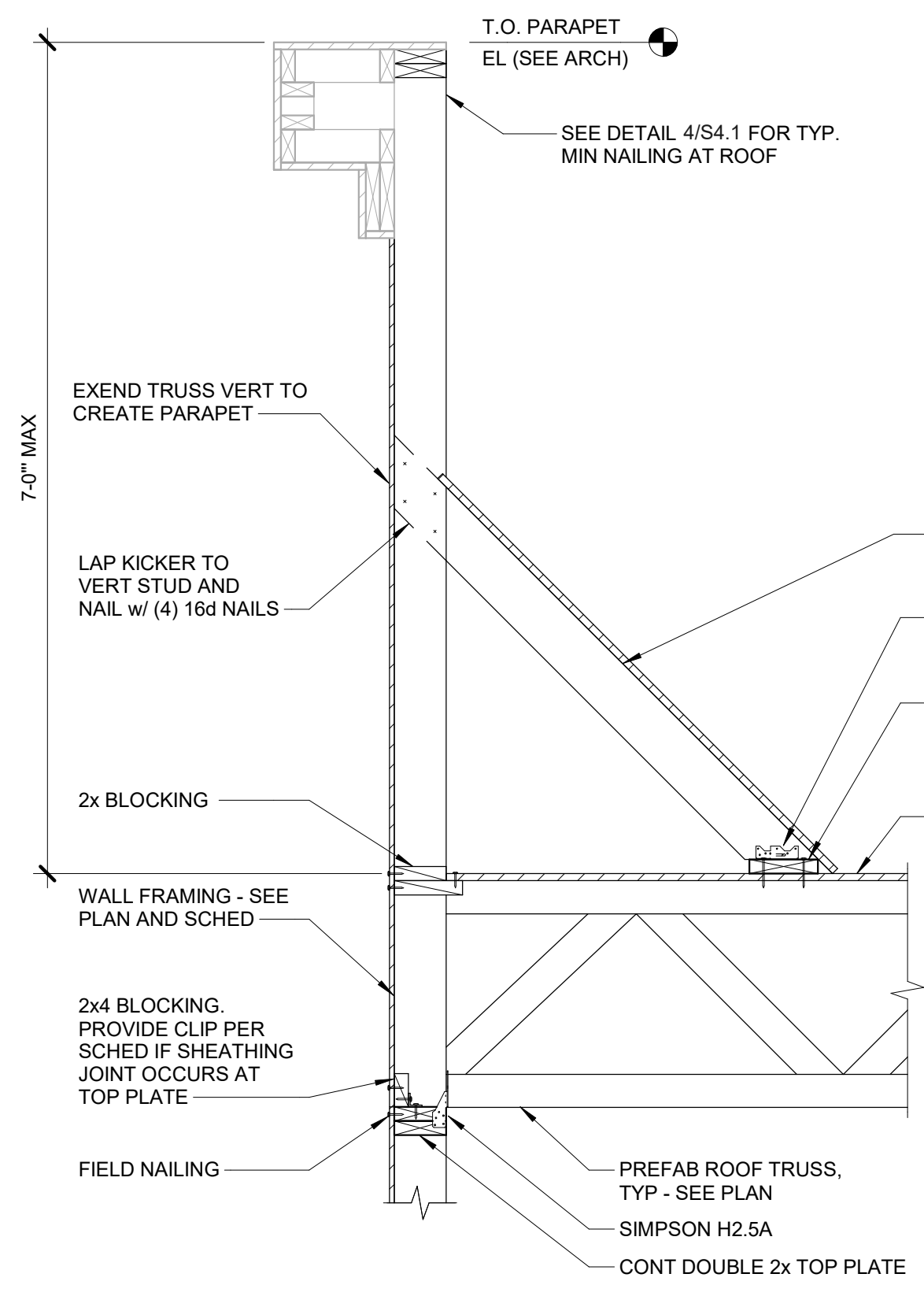
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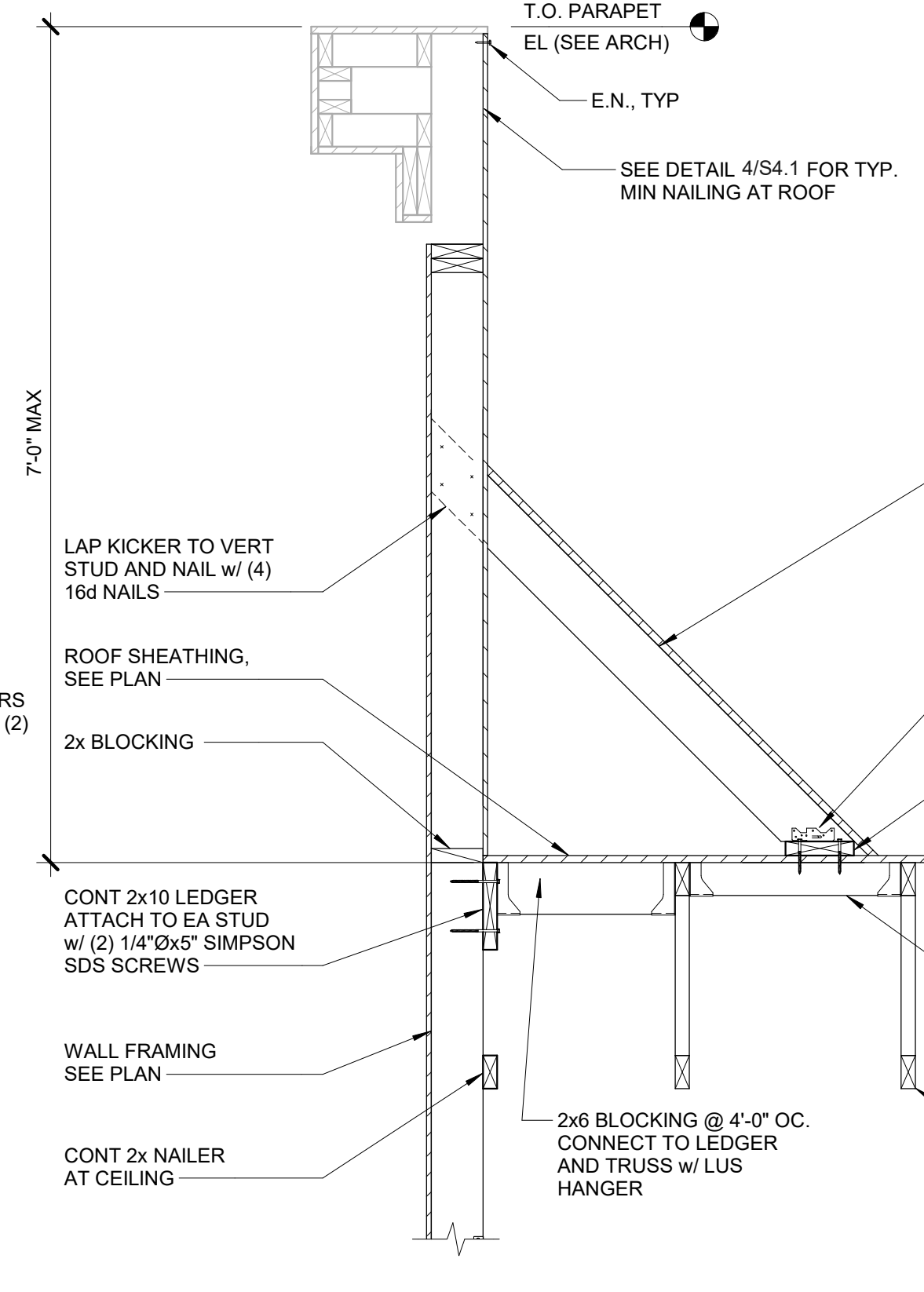
PROJECT: 2344
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ROOF FRAMING SECTIONS & DETAILS
\$4.0



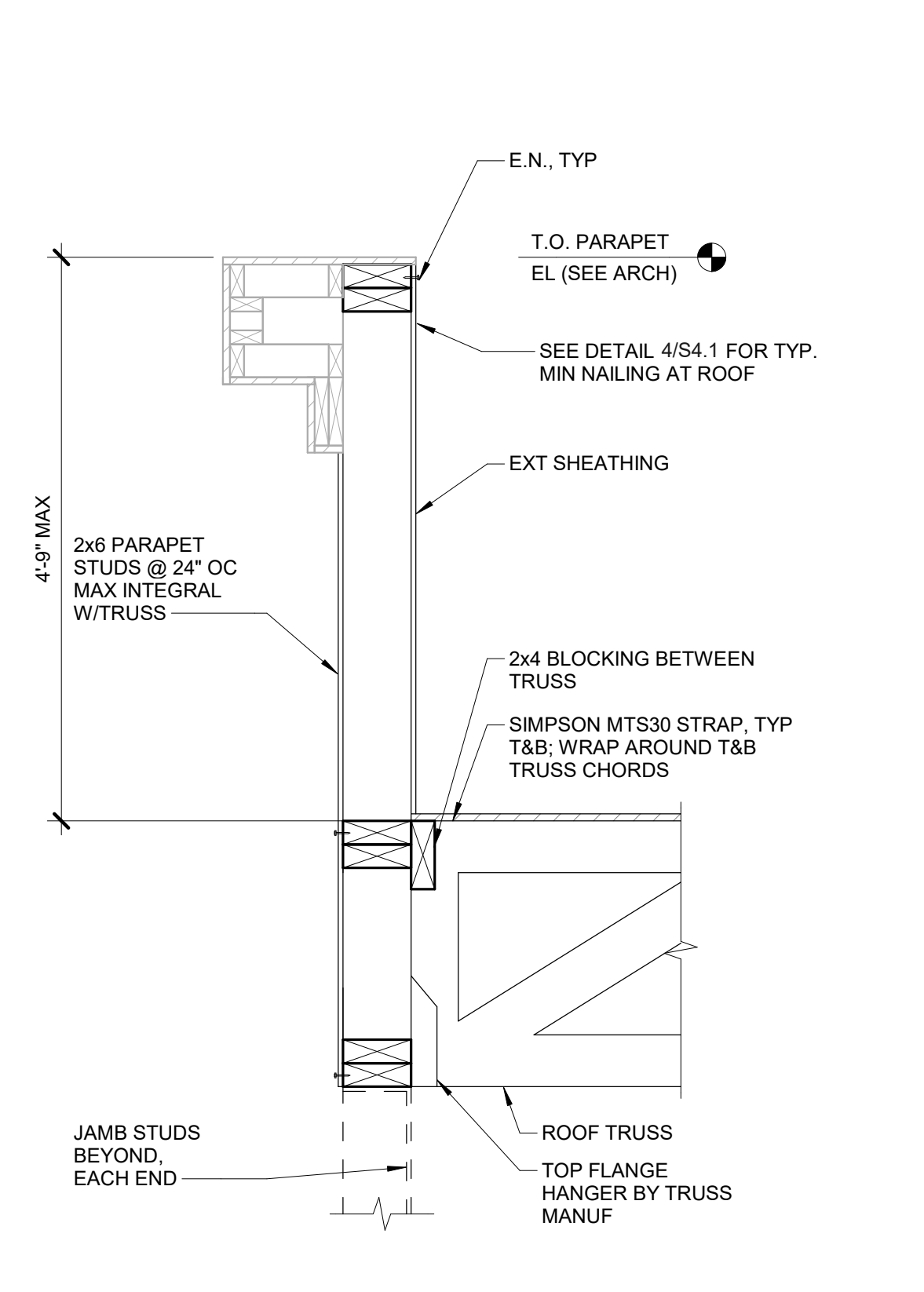
1 PARAPET AT TRUSS BEARING
NO SCALE



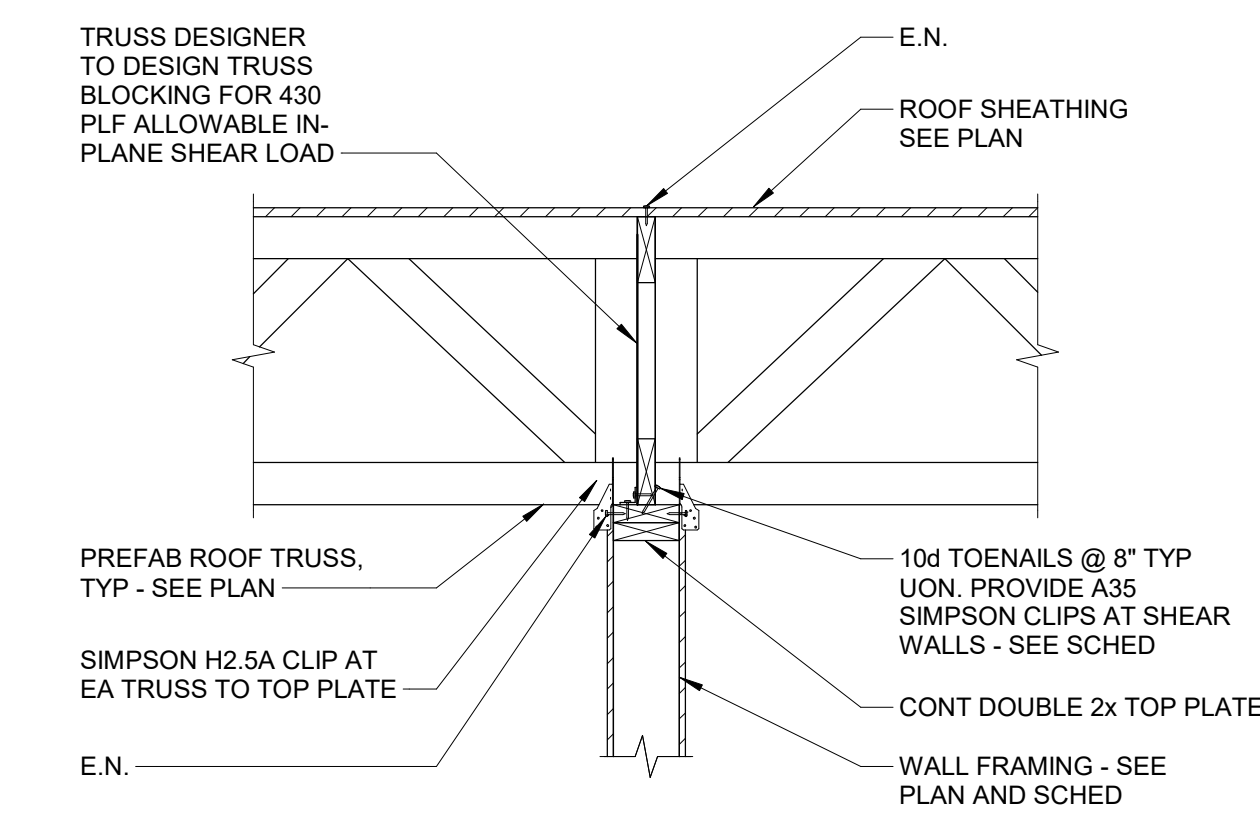
2 BRACED PARAPET AT TRUSS BEARING
NO SCALE



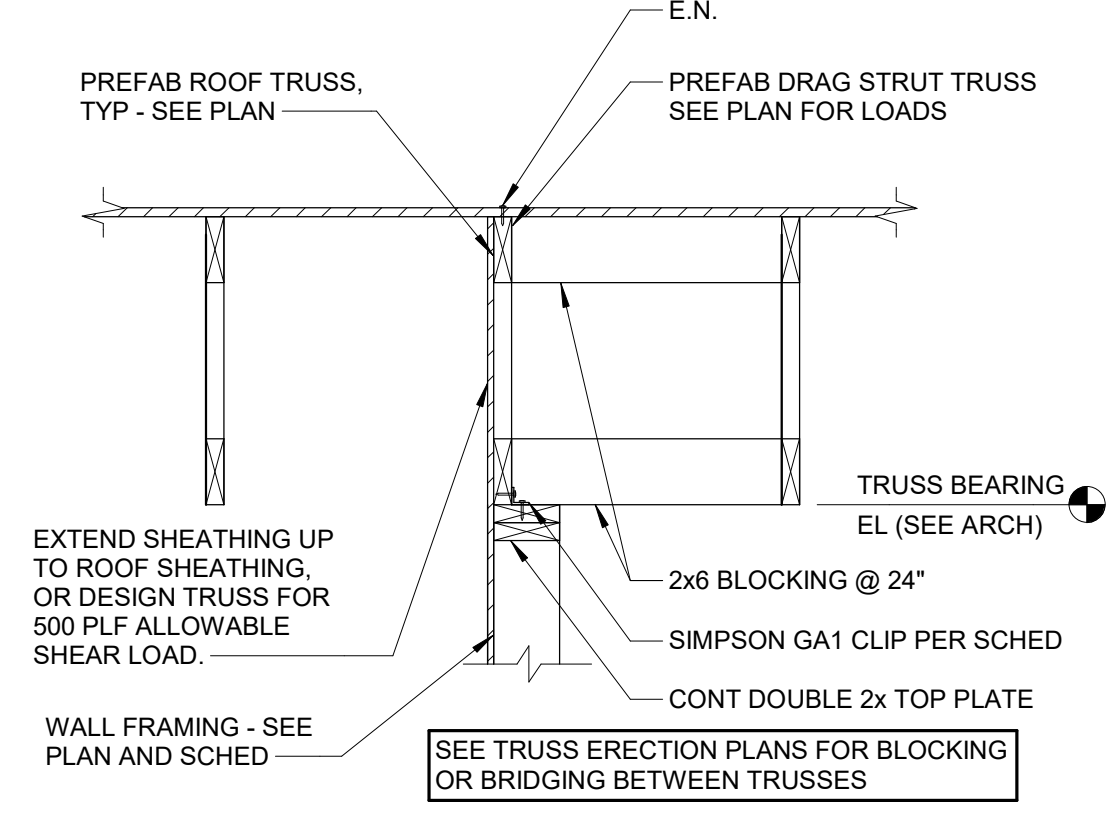
3 BRACED PARAPET AT PARALLEL ROOF TRUSS
NO SCALE



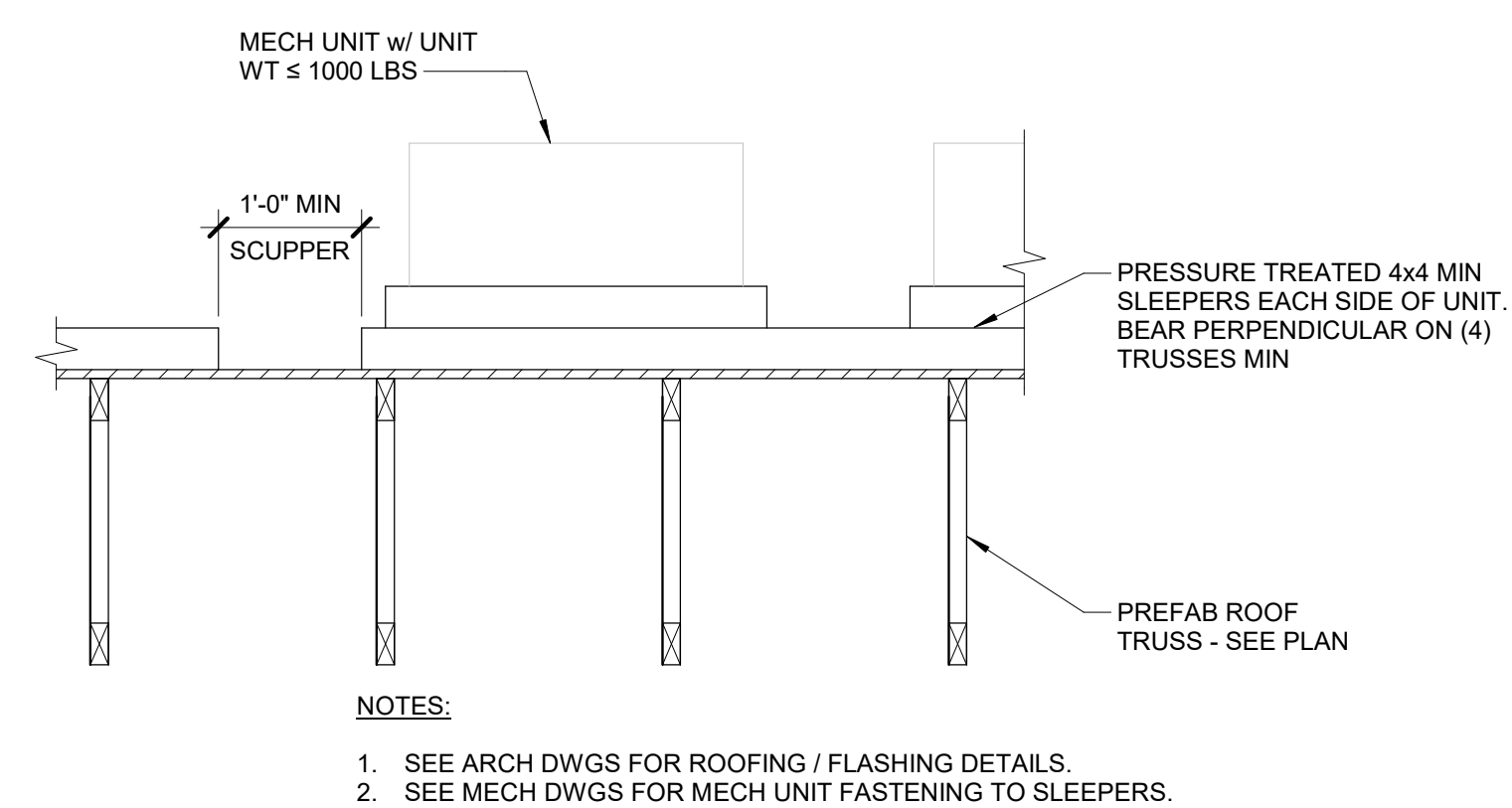
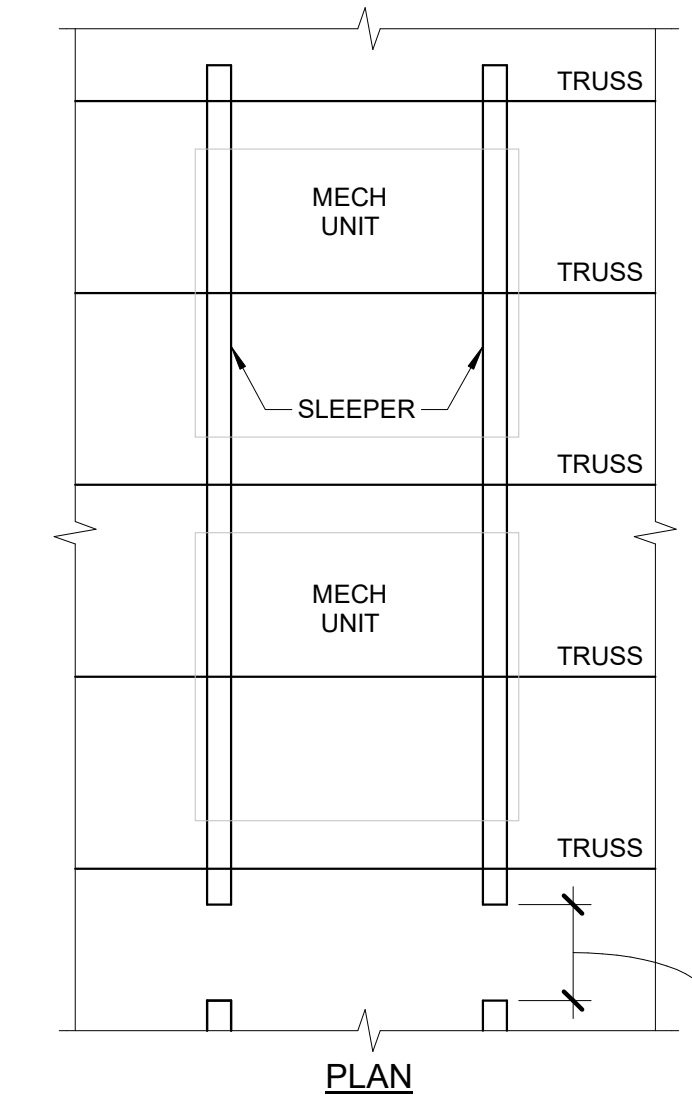
4 PARAPET OVER WINDOW AT PERPENDICULAR TRUSS
NO SCALE



5 ROOF TRUSS CONNECTION TO INTERIOR BEARING WALL
NO SCALE

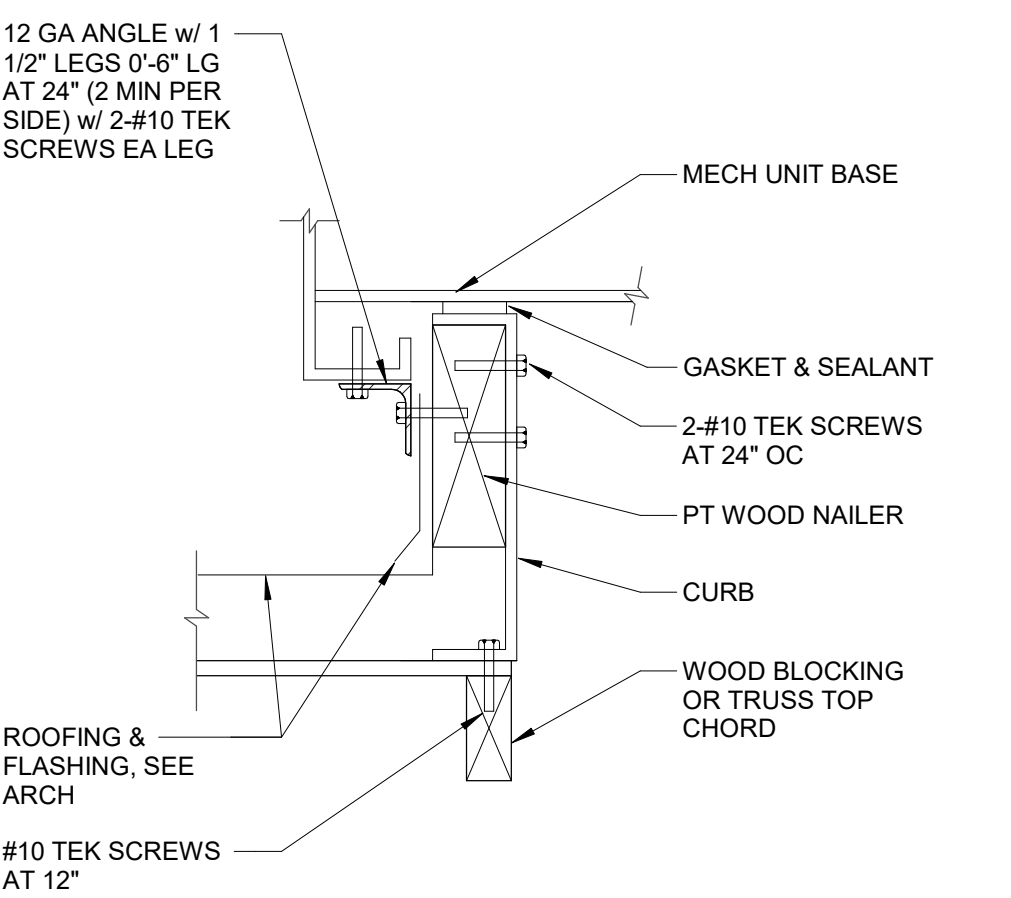


6 ROOF TRUSSES PARALLEL TO SHEAR WALL
NO SCALE

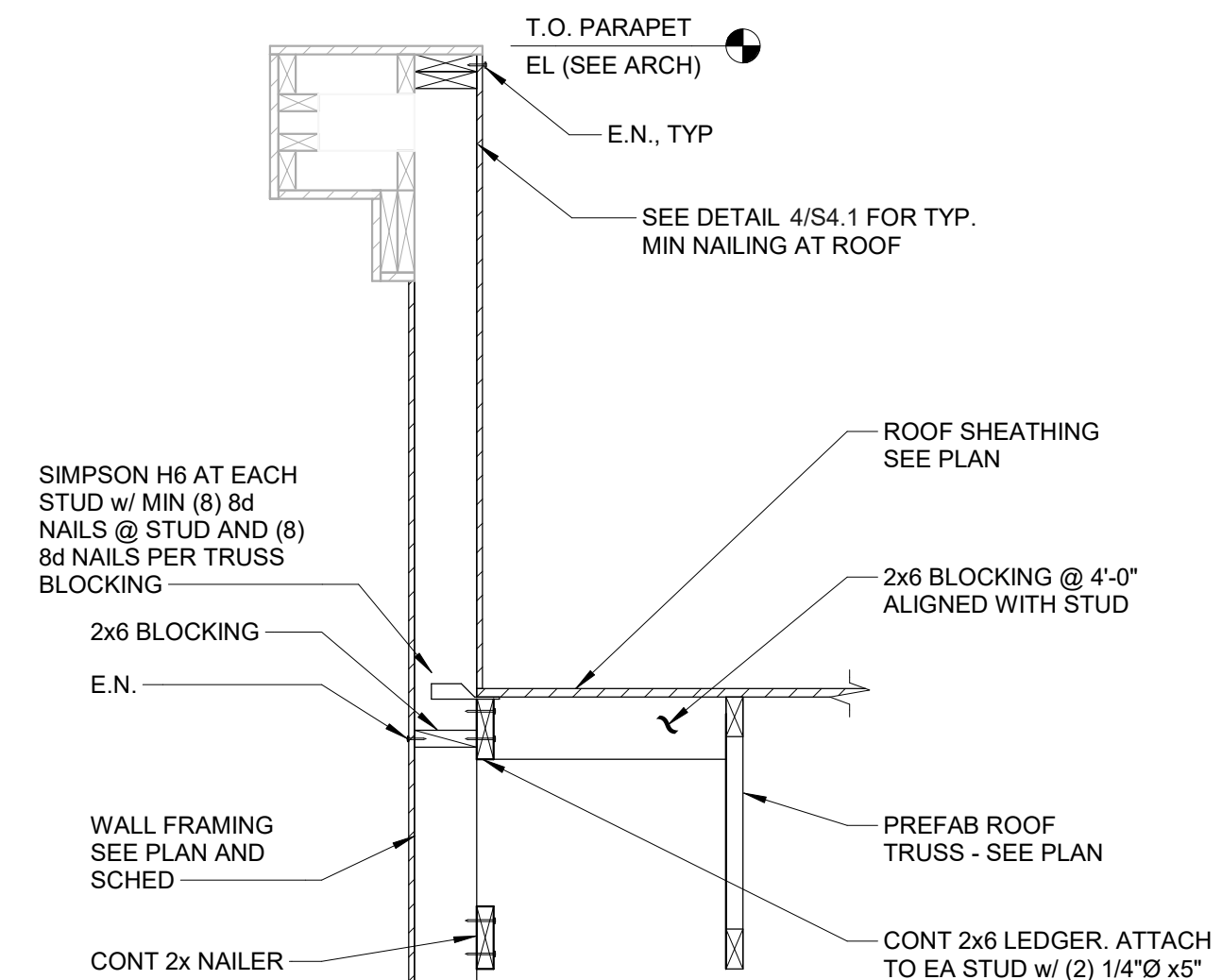


NOTES:
1. SEE ARCH DWGS FOR ROOFING / FLASHING DETAILS.
2. SEE MECH DWGS FOR MECH UNIT FASTENING TO SLEEPERS.

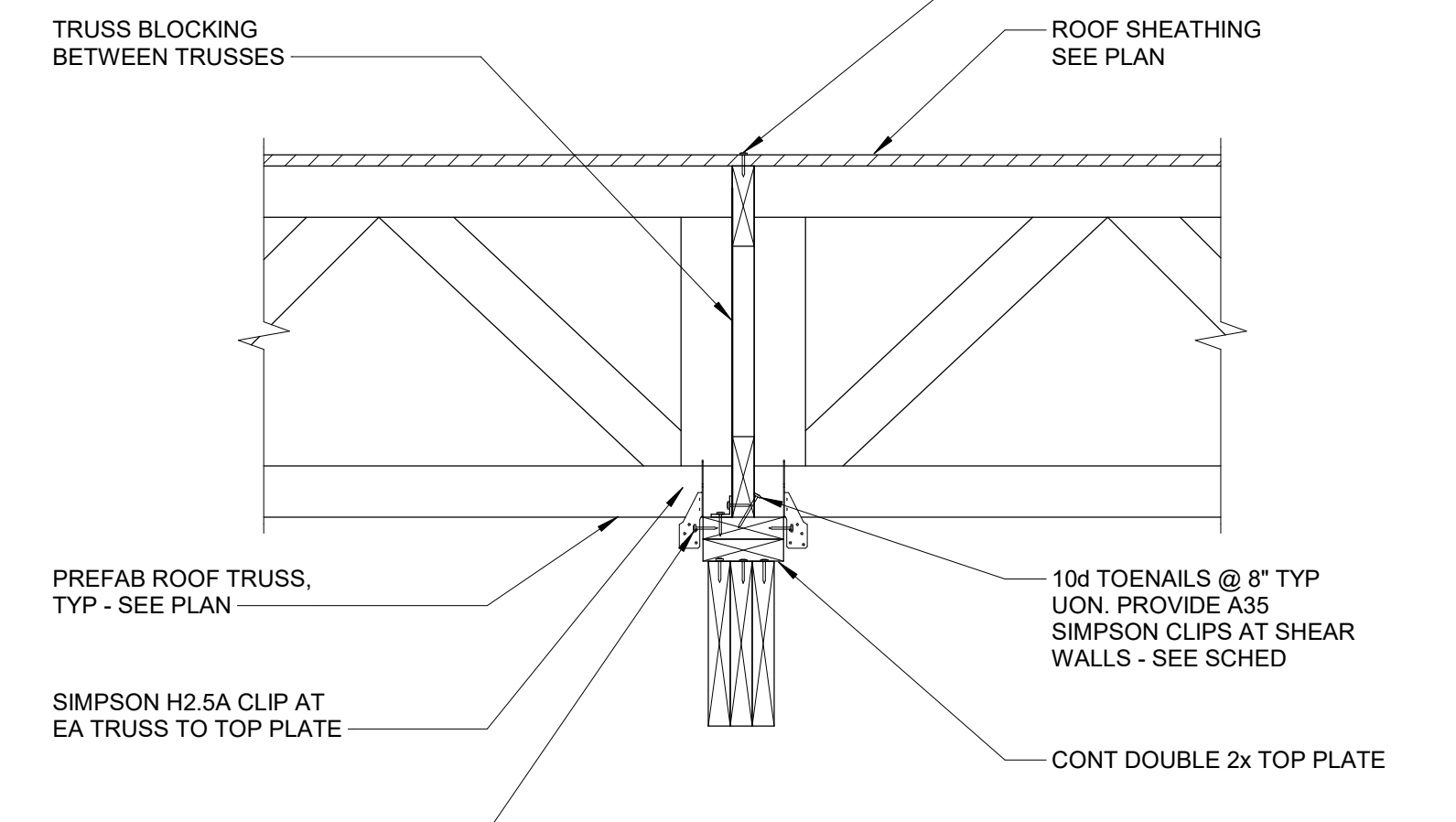
7 ROOFTOP MECHANICAL UNIT SUPPORT FOR WEIGHTS <= 1000 LBS
NO SCALE



8 RTU ATTACHMENT DETAIL
NO SCALE



9 PARAPET AT PARALLEL TRUSS
NO SCALE

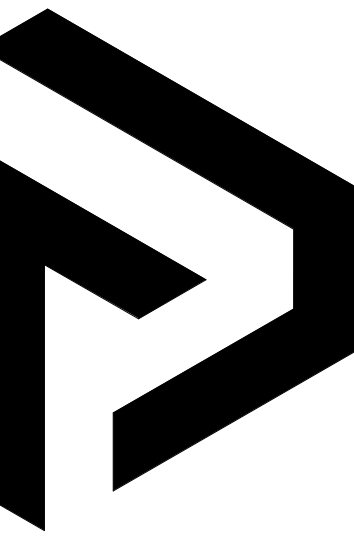


10 PREFAB TRUSS AT WOOD BEAM
NO SCALE

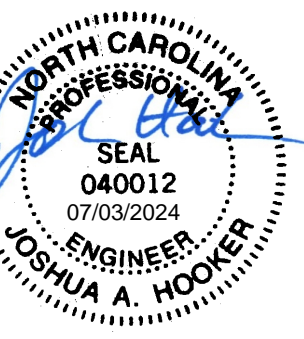
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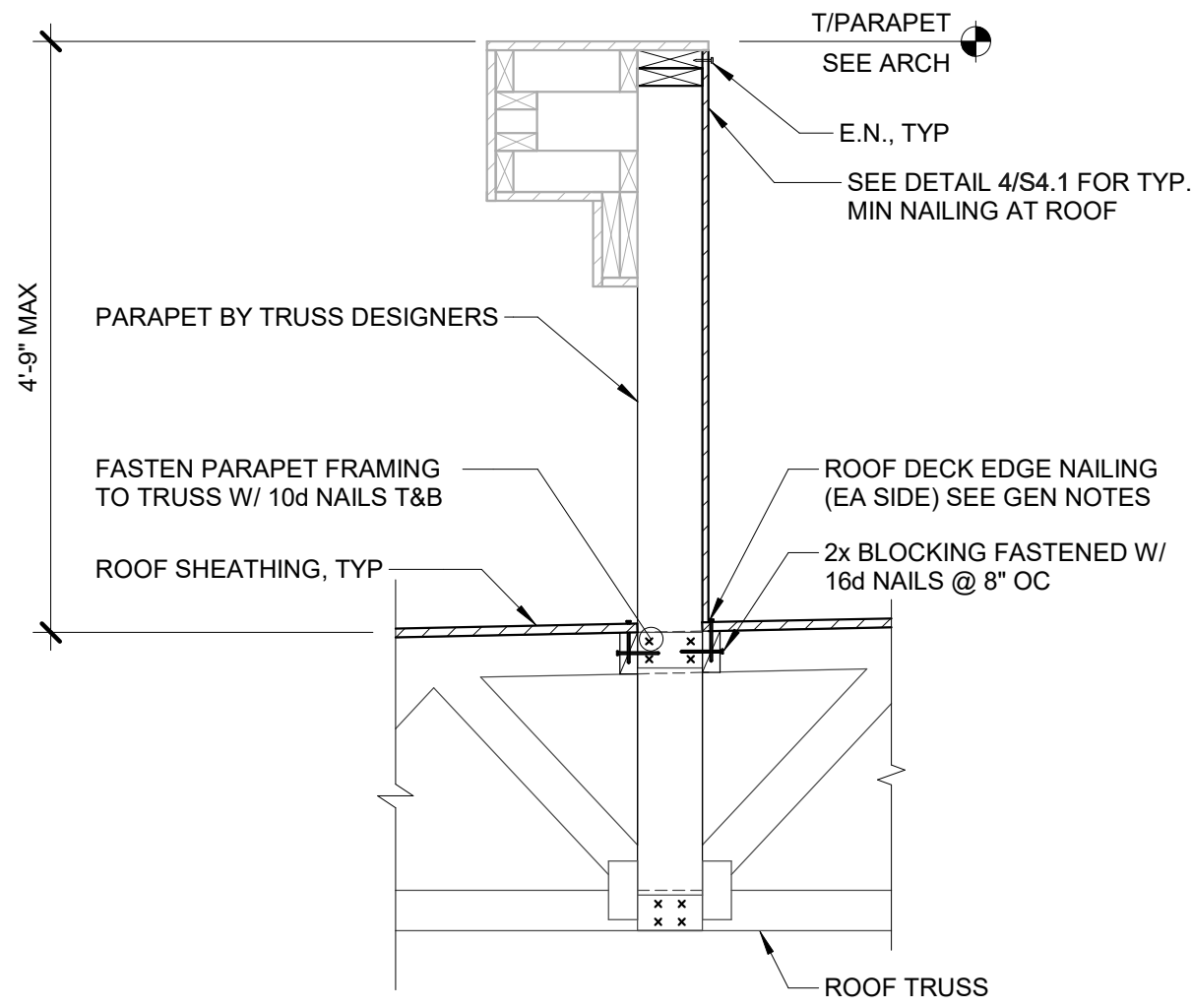


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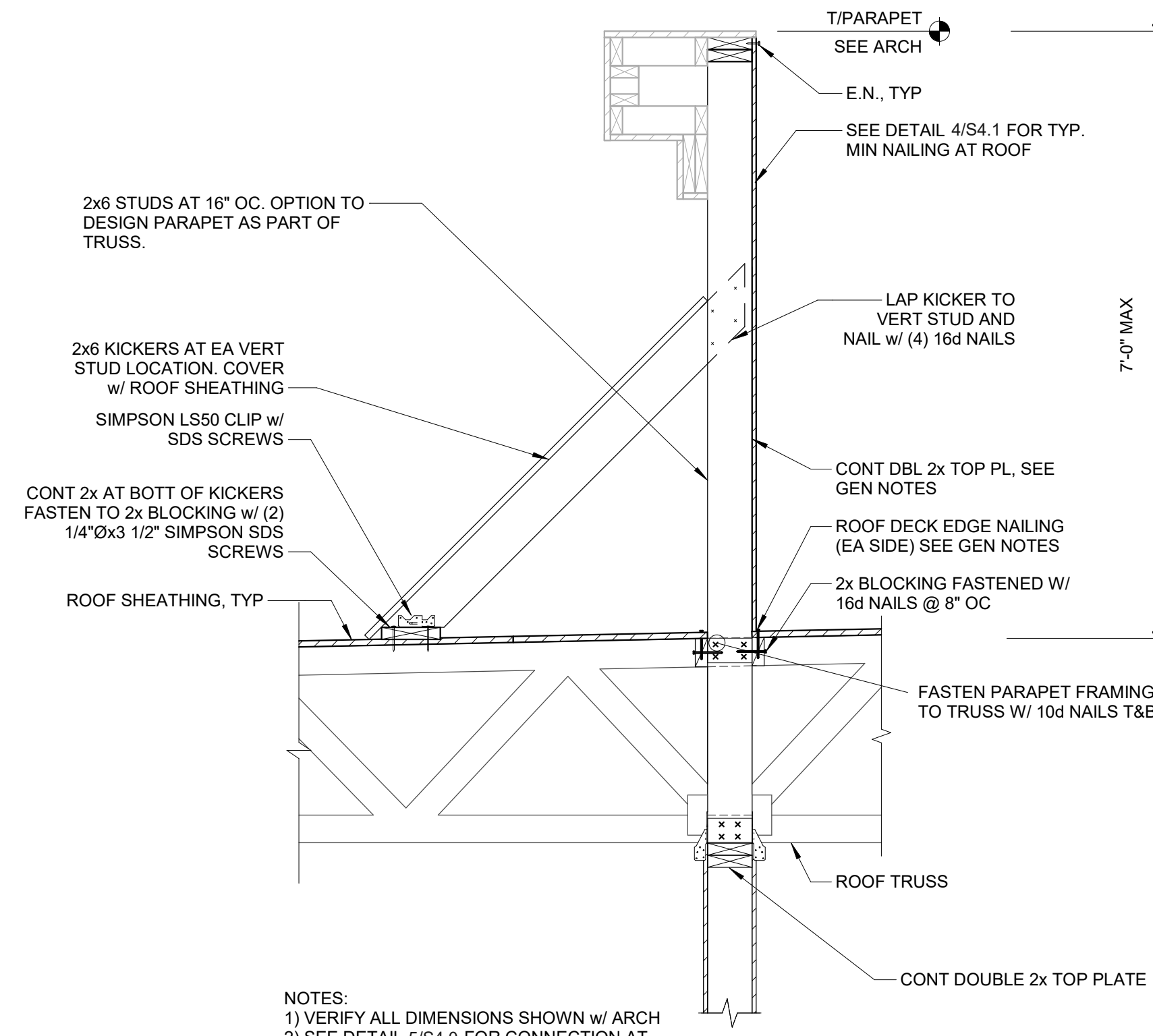
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 CHECKED BY: JMS
ROOF FRAMING SECTIONS & DETAILS
S4.1



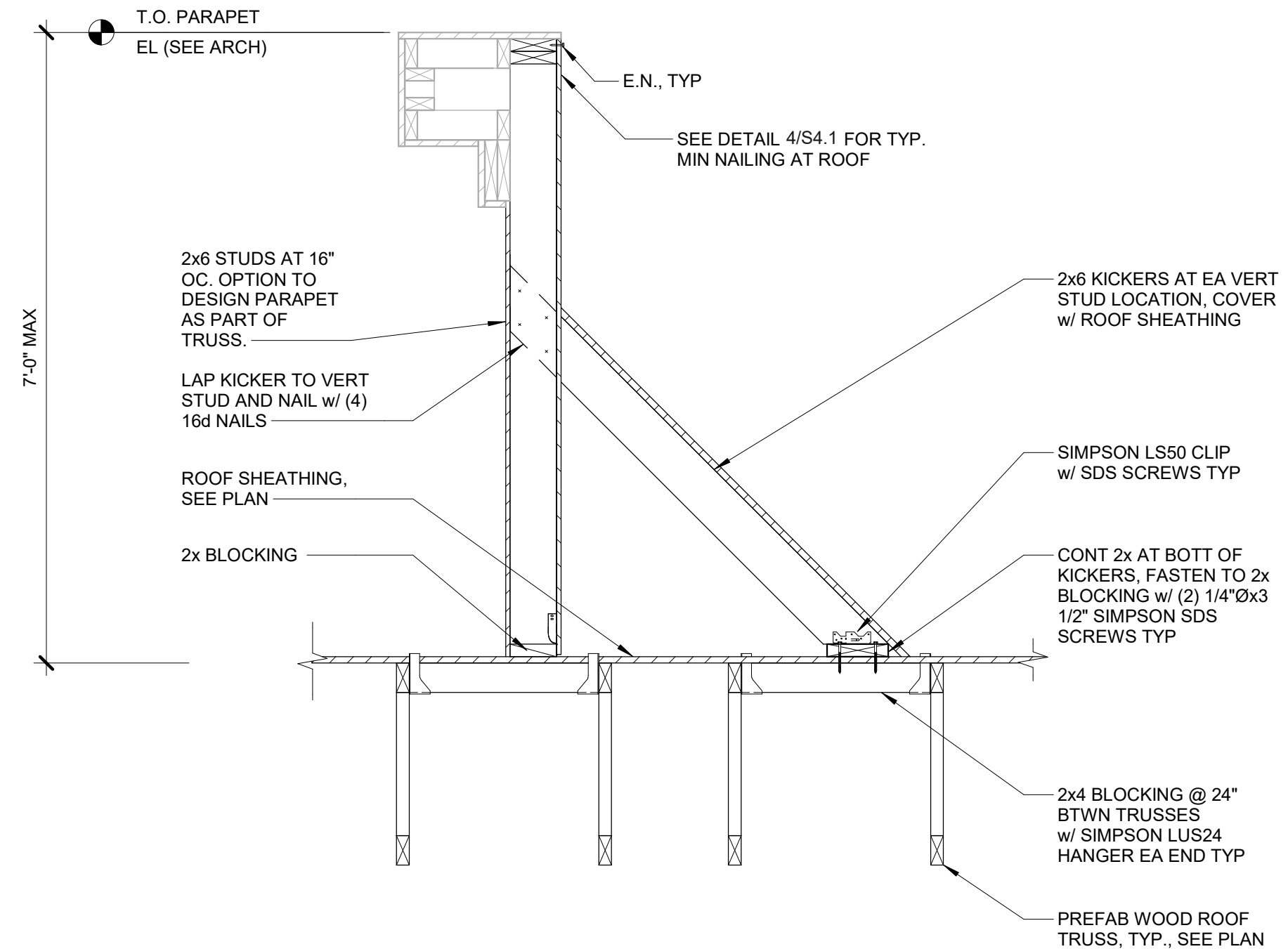
NOTES:
 1) VERIFY ALL DIMENSIONS SHOWN w/ ARCH
 2) SEE DETAIL 5/S4.0 FOR CONNECTION AT BEARING WALL CONDITION.
 3) SEE DETAIL 10/S4.0 FOR CONNECTION AT HEADER BEAM CONDITION.

1 PARAPET RETURN
 NO SCALE

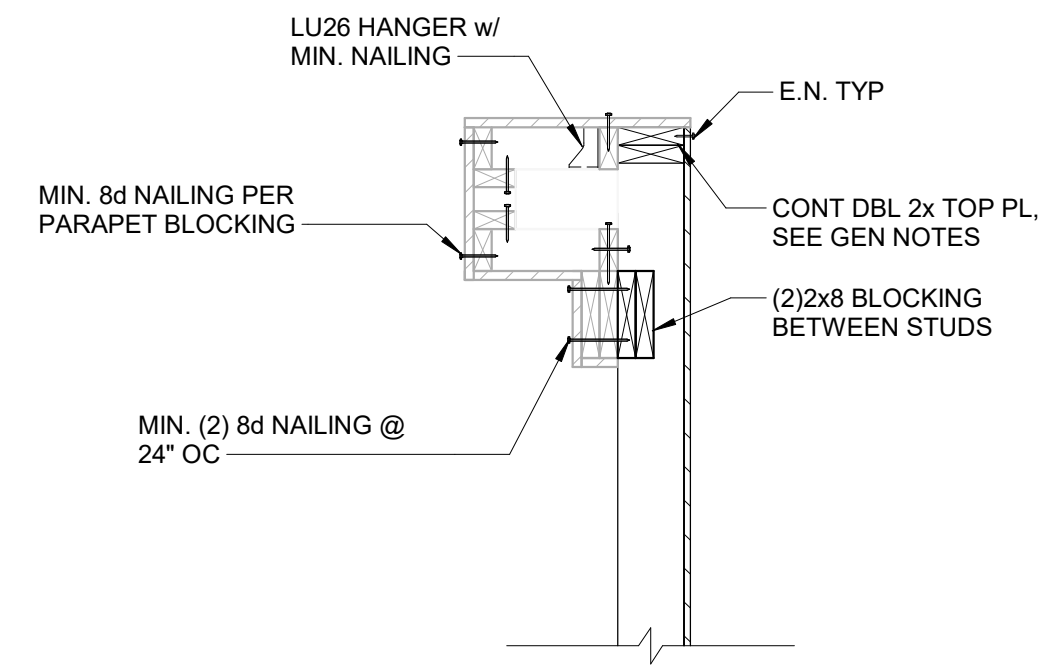


NOTES:
 1) VERIFY ALL DIMENSIONS SHOWN w/ ARCH
 2) SEE DETAIL 5/S4.0 FOR CONNECTION AT BEARING WALL.

2 PARAPET RETURN
 NO SCALE



3 PARA PARAPET AT INTERIOR w/ KICKER
 NO SCALE



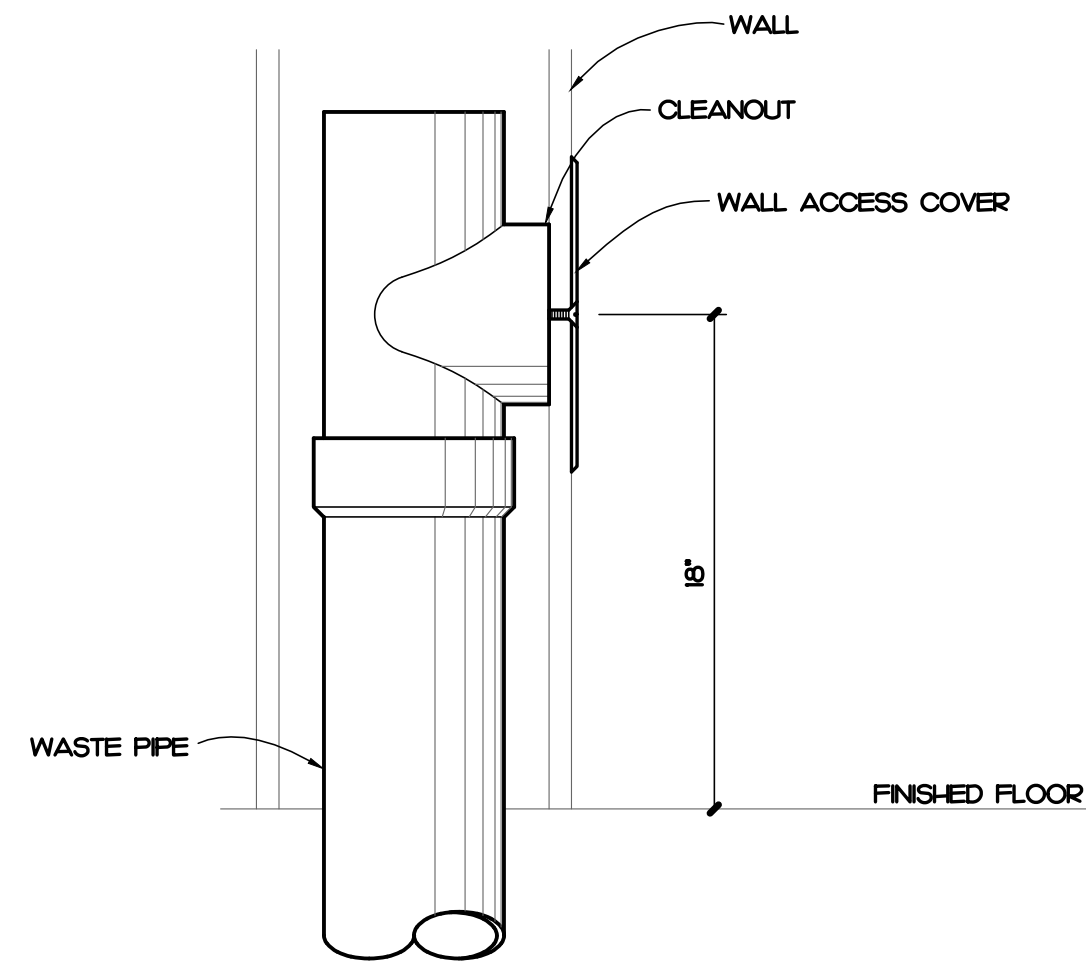
4 TYP. STRUCTURAL STUD WALL PARAPET TO STICK FRAMED FINISH
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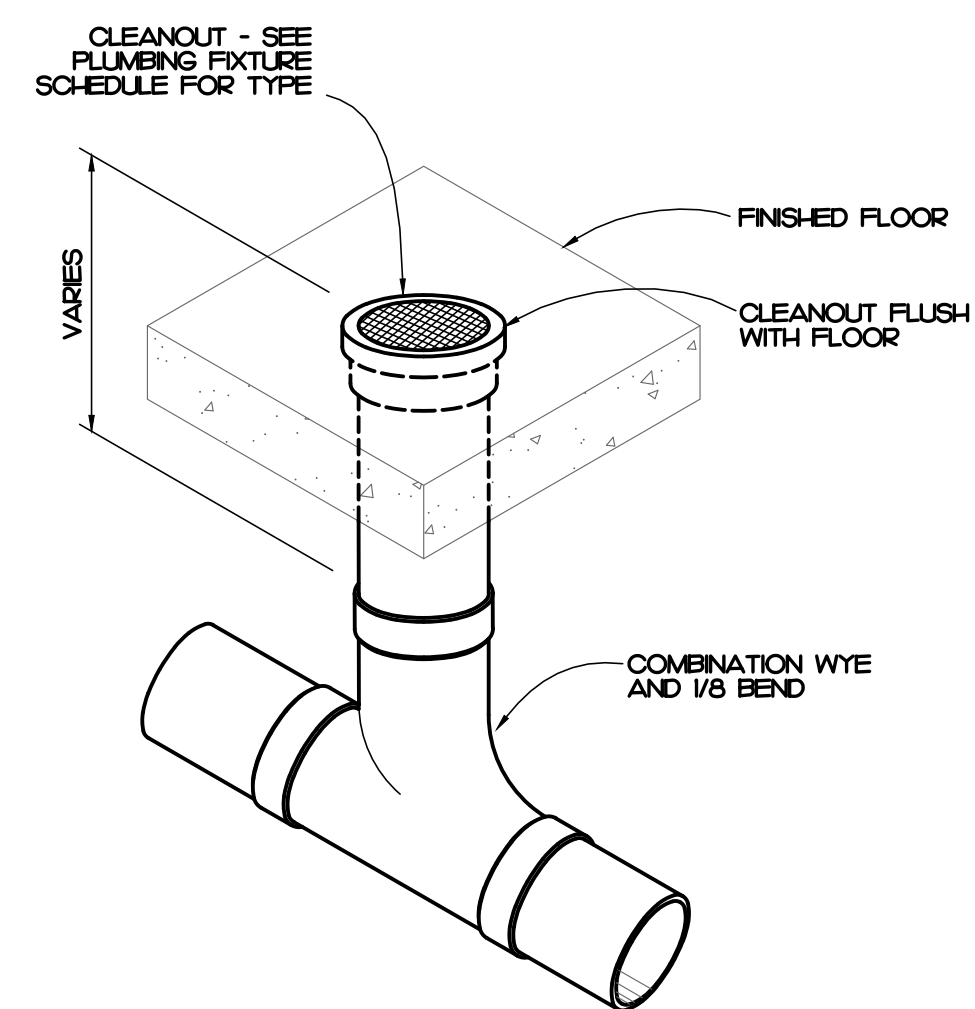
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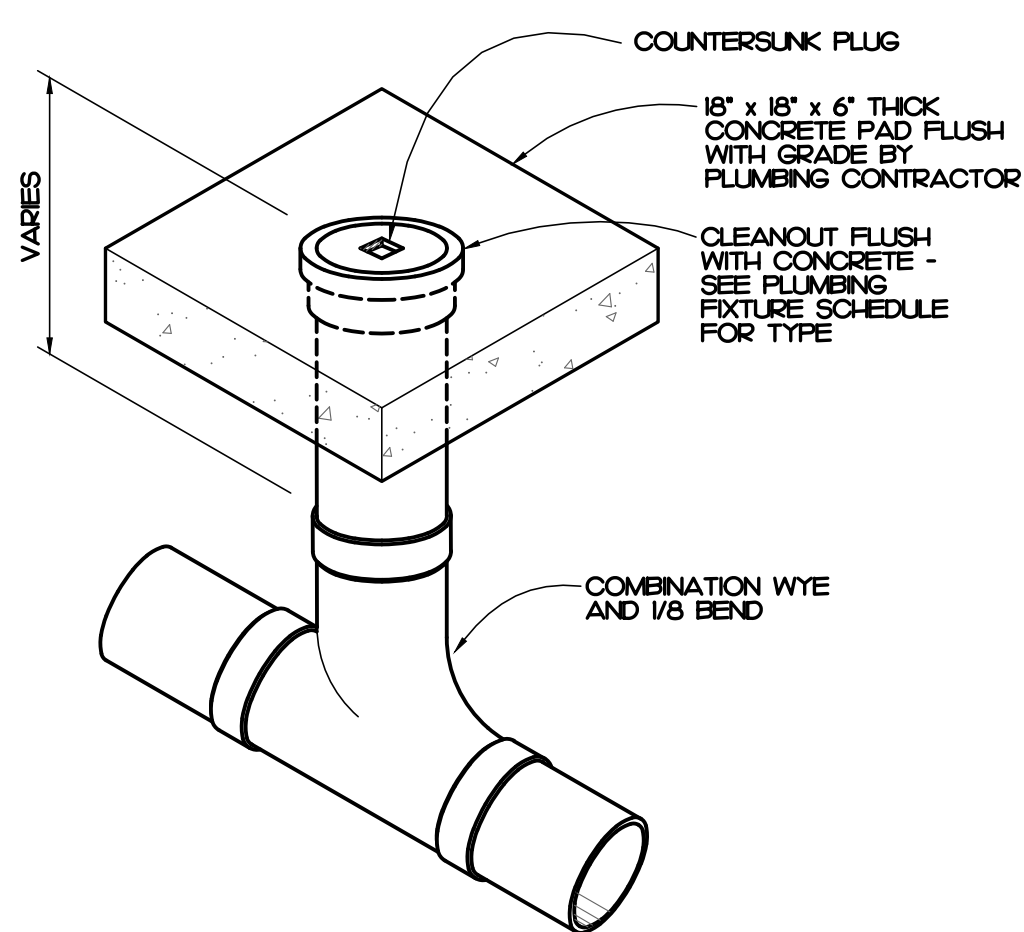
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3 WALL CLEANOUT DETAIL (CO-1)
Scale: NOT TO SCALE



2 FLOOR CLEANOUT DETAIL (CO-2)
Scale: NOT TO SCALE



NOTE: SEE SITE AND/OR UTILITY PLAN FOR LOCATION AND FINISH GRADE ELEVATION

1 EXTERIOR CLEANOUT DETAIL (CO-3)
Scale: NOT TO SCALE

PLUMBING FIXTURE SCHEDULE

SYMBOL / IMAGE	DESCRIPTION	3 - EQUALS				PIPING CONNECTIONS				
		MANUFACTURER	MODEL NUMBER	MANUFACTURER	MODEL NUMBER	MANUFACTURER	MODEL NUMBER	COLD WATER	HOT WATER	SANITARY SEWER
CO-1	WALL CLEANOUT	ZURN	CO-243-PVC	MFAB		JR SMITH		-	-	SEE PLUMBING DRAWINGS
	ACCESS COVER	ZURN	CO-2530-SS	MFAB		JR SMITH				SEE PLUMBING DRAWINGS
CO-2	FLOOR CLEANOUT	ZURN	CO2449	MFAB		JR SMITH		-	-	SEE PLUMBING DRAWINGS
CO-3	EXTERIOR CLEANOUT	ZURN	Z-4449-EP	WATTS	CO-380-34B	JR SMITH	4283	-	-	SEE PLUMBING DRAWINGS
EWC-1	WATER COOLER	ELKAY	LZ5TL8WSLK					1/2"	-	2"
IH	ANTIFREEZE HOSE BEB	WOODFORD	65	WATTS	HY-420	MFAB	MHY-5	3/4"	-	-
I-M	ICE MAKER BOX	SCOTSMAN	HD207 MERIDIAN					1/2"	-	-
L-1	LAVATORY	AMERICAN STANDARD	035504L020							
MR-1	FAUCET	ZURN	Z695-XL							
	TRAP	McGUIRE	8902	DEARBORN BRASS	702H	KOHLER	K-8999			2"
	SUPPLY	McGUIRE	170	BRASS CRAFT	R992AC	KOHLER	K-7605-P-CP	1/2"	1/2"	
	MOP BRACKET	AMERICAN SPECIALTIES	1308							
PH	RECIRCULATING PUMP	B & G	PL36							
SH	KITCHEN SINK	ELKAY	DAYTON DMLH-286							
S-2	FAUCET	MOEN	7864-SRS					1/2"	1/2"	
	TRAP	McGUIRE	8902	KOHLER	K8999	DEARBORN BRASS	702H			2"
	SUPPLY	McGUIRE	170	KOHLER	K-76-G-P	BRASSCRAFT	CS400AC			
	STRAINER	JUST	JB-99	ELKAY	LK-99	DEARBORN	L7			
	SINK	IS TO BE 18 GAUGE STAINLESS STEEL, SELF-RIMMING DECK MOUNTED FAUCET SHALL BE CHROME FINISHED, WITH 1/2" INLET AND PROVIDED WITH AN AERATOR. RIGID SUPPLY KIT SHALL INCLUDE CHROME PLATED BRASS STOPS WITH THREADED CONNECTIONS AND FLANGE. INLET AND OUTLET SHALL BE 3/8" IPS. PROVIDE WITH McGUIRE PROWRAP INSULATOR. PROVIDE WITH SPRAYER, DISHWASHER CONNECTION, AND DISPOSAL IF REQUIRED BY ARCHITECT.								
S-3	FAUCET	ZURN	Z6920-XL-HW6					1/2"	1/2"	
	TRAP	McGUIRE	8902	KOHLER	K8999	DEARBORN BRASS	702H			2"
	SUPPLY	McGUIRE	170	KOHLER	K-76-G-P	BRASSCRAFT	CS400AC			
	STRAINER	JUST	JB-99	ELKAY	LK-99	DEARBORN	L7			
	SINK	IS TO BE 18 GAUGE STAINLESS STEEL, SELF-RIMMING DECK MOUNTED FAUCET SHALL BE CHROME FINISHED, WITH 1/2" INLET AND PROVIDED WITH AN AERATOR. RIGID SUPPLY KIT SHALL INCLUDE CHROME PLATED BRASS STOPS WITH THREADED CONNECTIONS AND FLANGE. INLET AND OUTLET SHALL BE 3/8" IPS. PROVIDE WITH McGUIRE PROWRAP INSULATOR. PROVIDE WITH SPRAYER, DISHWASHER CONNECTION, AND DISPOSAL IF REQUIRED BY ARCHITECT.								
WMH	WASHING MACHINE BOX	OATEY CO.	3808	GUY GRAY		SOLIK CHIEF		1/2"	1/2"	2"
WC-1	WATER CLOSET	AMERICAN STANDARD	304300L020							4"
WH	SEAT	AMERICAN STANDARD	590800L020							
	VALVE	SELECTRONIC	62472L002							
WH	WATER HEATER	STATE INDUSTRIES	PCE 40 20LSA	A.O. SMITH		LOCHINVAR		3/4"	3/4"	

PLUMBING SCHEDULE NOTES AND LEGEND:

- THE PLUMBING CONTRACTOR MAY SUBSTITUTE FIXTURES WITH OWNERS' APPROVAL.
 - SUBMIT CUT SHEETS FOR ALL PROPOSED FIXTURES TO ARCHITECT PRIOR TO BIDDING.
 - PROVIDE VACUUM BREAKER ON ALL EQUIPMENT REQUIRING PLUMBING.
 - REFER TO MANUFACTURERS WEB SITE FOR CUT SHEETS AND DATA ON THE FIXTURES AND APPURTENANCES USED IN THIS SCHEDULE.
- ADA COMPLIANT
 ELECTRICAL POWER

PLUMBING GENERAL NOTES

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE STATE CODE, ALL LOCAL AND OTHER APPLICABLE CODES.
- ANY PERMITS AND INSPECTION FEES SHALL BE SECURED AND PAID FOR BY THE PLUMBING CONTRACTOR.
- ALL WORK SHALL BE PERFORMED BY EXPERIENCED AND SKILLED CRAFTSMAN. THE PLUMBING CONTRACTOR SHALL COORDINATE ALL OF HIS WORK WITH ALL OTHER CONTRACTORS.
- THE PLUMBING PLANS AND SPECIFICATIONS SHALL BE THOROUGHLY REVIEWED PRIOR TO PURCHASING MATERIALS AND INSTALLATION. ALL DISCREPANCIES OR INTERFERENCES SHALL BE BROUGHT TO THE ENGINEER'S ATTENTION.
- THESE PLANS ARE DIAGRAMMATIC AND MAY NOT SHOW MINOR DETAILS AND LOCATIONS. FOR DIMENSIONS, REFER TO THE ARCHITECTURAL PLANS.
- THE PLUMBING CONTRACTOR SHALL PROVIDE ALL OPENINGS REQUIRED FOR THE PLUMBING WORK. THE PATCHING SHALL BE BY THE PLUMBING CONTRACTOR AND FINISHING BY GENERAL CONTRACTOR.
- ALL PIPE, FITTINGS, FIXTURES, AND SOLDER TO BE LEAD FREE.
- WATER PIPING BELOW GRADE SHALL BE TYPE K1 COPPER (NO JOINTS BELOW GRADE) AND ABOVE GRADE TYPE L1 COPPER, SUPPORTED AS REQUIRED AND SHALL BE HYDROSTATICALLY TESTED FOR ONE HOUR AT 50 PSI. TEST TO COMPLY WITH ALL EPA STANDARDS. THE ENTIRE WATER DISTRIBUTION SYSTEM SHALL BE DISINFECTED PRIOR TO PLACING IN SERVICE.
- WATER PIPING LOCATED ABOVE CEILINGS AND IN EXTERIOR WALLS SHALL BE ROUTED ON HEATED SIDE OF CEILING INSULATION (UNDERSIDE) AND WALL INSULATION (INSIDE).
- ALL COLD AND HOT WATER PIPING SHALL BE INSULATED. INSULATE WASTE PIPING AS DESIGNATED ON PLUMBING DRAWINGS. INSULATION SHALL BE FIBERGLASS. EXPOSED PIPING TO BE WRAPPED WITH ALUMINUM JACKET.
- WATER SHUT-OFF VALVES ABOVE FINISHED CEILING ARE TO BE FREE FROM OBSTRUCTIONS SUCH AS DUCTWORK, LIGHTS, WIRING AND OTHER PIPING SO AS TO PROVIDE EASY ACCESS. MOUNT NO MORE THAN 2'-0" ABOVE FINISHED CEILING.
- PLUMBING CONTRACTOR SHALL PROVIDE A DIELECTRIC UNION WHEN CONNECTING DISSIMILAR MATERIAL.
- WATER HEATERS SHALL HAVE AN EFFICIENCY MEETING REQUIREMENTS OF THE NORTH CAROLINA BUILDING CODE.
- THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR ALL ELECTRICAL AND CONTROL CONNECTIONS TO THE EQUIPMENT FURNISHED UNDER HIS CONTRACT.
- SANITARY SEWER AND VENT PIPING SHALL BE SCHEDULE 40 PVC. CELLULAR CORE (FOAM CORE) IS NOT ALLOWED. SANITARY SEWER AND VENT PIPING SHALL BE GAS AND AIR TIGHT.
- THE PLUMBING CONTRACTOR SHALL COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO INSTALLATION OF ANY WORK.
- THE PLUMBING CONTRACTOR SHALL REVIEW ALL UTILITY SITE PLANS FOR WORK BY OTHERS. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE HIS WORK WITH WORK BY OTHERS AND AVOID ALL CONFLICTS.
- LOCATIONS OF UTILITIES (WASTE AND WATER PIPING, ETC.) PROVIDED BY OTHERS, THAT ARE TO BE CONNECTED TO ARE ASSUMED. IT SHALL BE THE RESPONSIBILITY OF THE PLUMBING CONTRACTOR TO VERIFY THESE LOCATIONS AND MAKE FINAL CONNECTIONS AS REQUIRED.
- VERIFY THE LOCATION OF ALL EQUIPMENT SUPPLIED BY OTHERS.
- ALL VENT PIPING THROUGH THE ROOF SHALL BE A MINIMUM OF 5'-0" FROM ALL MAKE-UP AIR INLETS OR A MINIMUM OF 2'-0" ABOVE THE TOP OF ALL MAKE-UP AIR INLETS. VENTS THROUGH ROOF ARE TO BE ON REAR OF BUILDING.
- SEE ARCHITECTURAL DRAWINGS FOR PLUMBING MINIMUM FACILITY CALCULATIONS.
- ALL INDIRECT WASTE IS TO BE PROVIDED WITH AN AIR GAP 2 TIMES THE SIZE OF THE WASTE INLET.
- THE PLUMBING CONTRACTOR SHALL BE RESPONSIBLE FOR MINOR DEMOLITION AT NO COST TO THE OWNER.
- THE PLUMBING CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A SET OF AS-BUILT DRAWINGS UPON COMPLETION OF PROJECT.

PLUMBING SYMBOL LEGEND

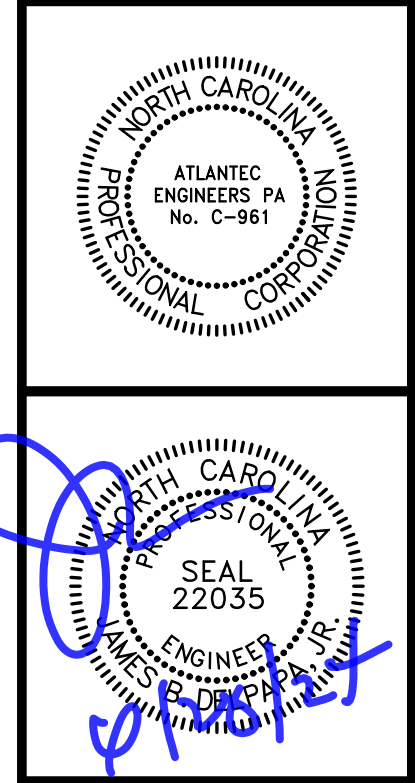
SYMBOL	DESCRIPTION
	COLD WATER PIPING
	WATER PIPING DIRECTION OF FLOW
	EXISTING COLD WATER PIPING
	COLD WATER PIPING BELOW FINISHED FLOOR
	HOT WATER PIPING
	BALL VALVE
	SOLENOID VALVE
	WATER PIPING TURNED DOWN
	WATER PIPING FLASHED UP
	PIPING SIDE CONNECTION
	SANITARY SEWER / WASTE PIPING
	SANITARY SEWER / WASTE PIPING DIRECTION OF FLOW
	EXISTING SANITARY SEWER / WASTE PIPING
	VENT PIPING
	VENT PIPE UP
	NON FREEZE WALL HYDRANT
	HOSE BIBB
	PLUMBING FIXTURE PROVIDED AND INSTALLED BY PLUMBING CONTRACTOR
	FLOOR CLEANOUT
	WALL CLEANOUT
	FLOOR DRAIN
	CONNECT TO EXISTING
	ELECTRICAL EQUIPMENT BY ELECTRICAL CONTRACTOR. ROUTE PIPING TO AVOID.

PLUMBING LOAD SUMMARY

SANITARY SEWER DEMAND FU	WATER DEMAND FU	WATER DEMAND GPM
40.0	67.0	58.0



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ANGIER MEDICAL COMPLEX
 BUILDING 2
 ANGIER, NC

REVISIONS

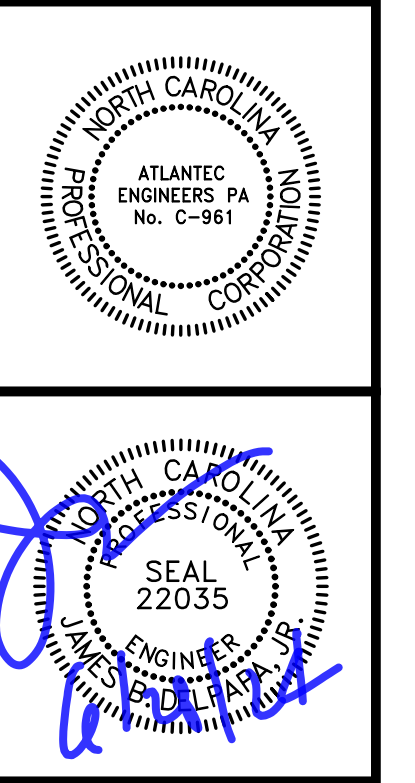
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PROJECT: 2344
DATE: 7/3/24
DRAWN BY: JAD
CHECKED BY: JBD

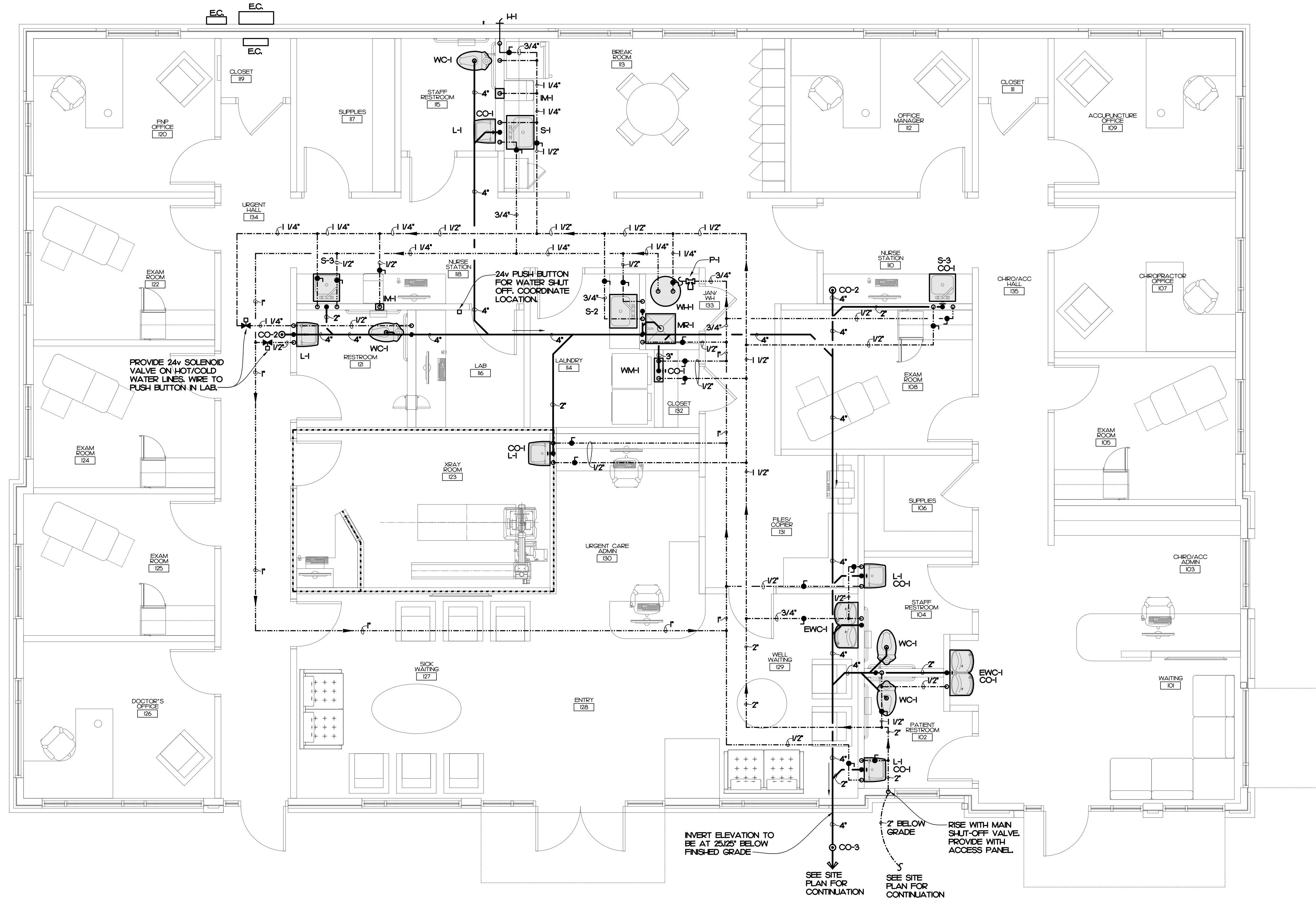
PLUMBING NOTES, LEGEND, DETAILS & FIXTURE SCHEDULE
P0.0



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PROVIDE 24v SOLENOID VALVE ON HOT/COLD WATER LINES. WIRE TO PUSH BUTTON IN LAB.

24v PUSH BUTTON FOR WATER SHUT OFF. COORDINATE LOCATION.

INVERT ELEVATION TO BE AT 25'2\"/>

SEE SITE PLAN FOR CONTINUATION

2' BELOW GRADE
 RISE WITH MAIN SHUT-OFF VALVE. PROVIDE WITH ACCESS PANEL.

1 PLUMBING PLAN - BUILDING 2
 Scale: 3/16" = 1'-0"

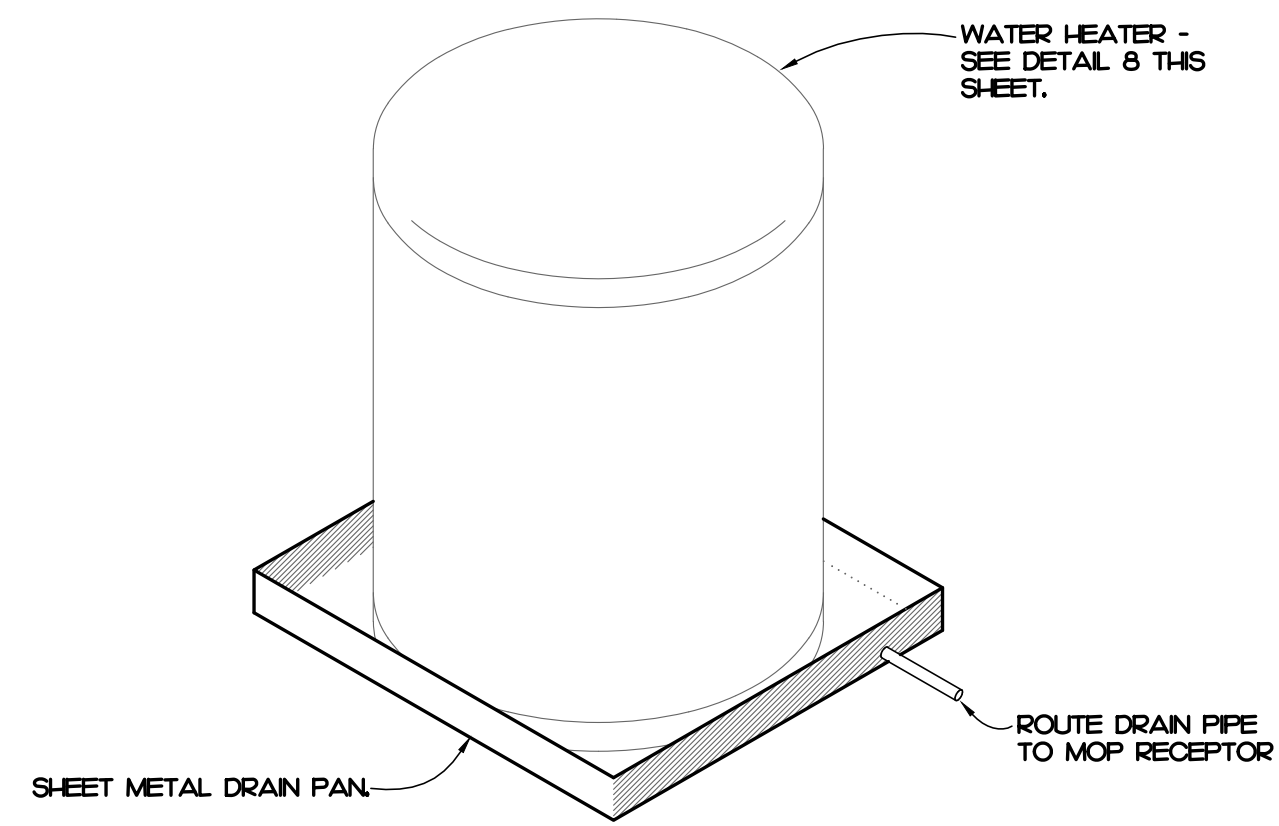
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PROJECT: 2344
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 CHECKED BY: JBD

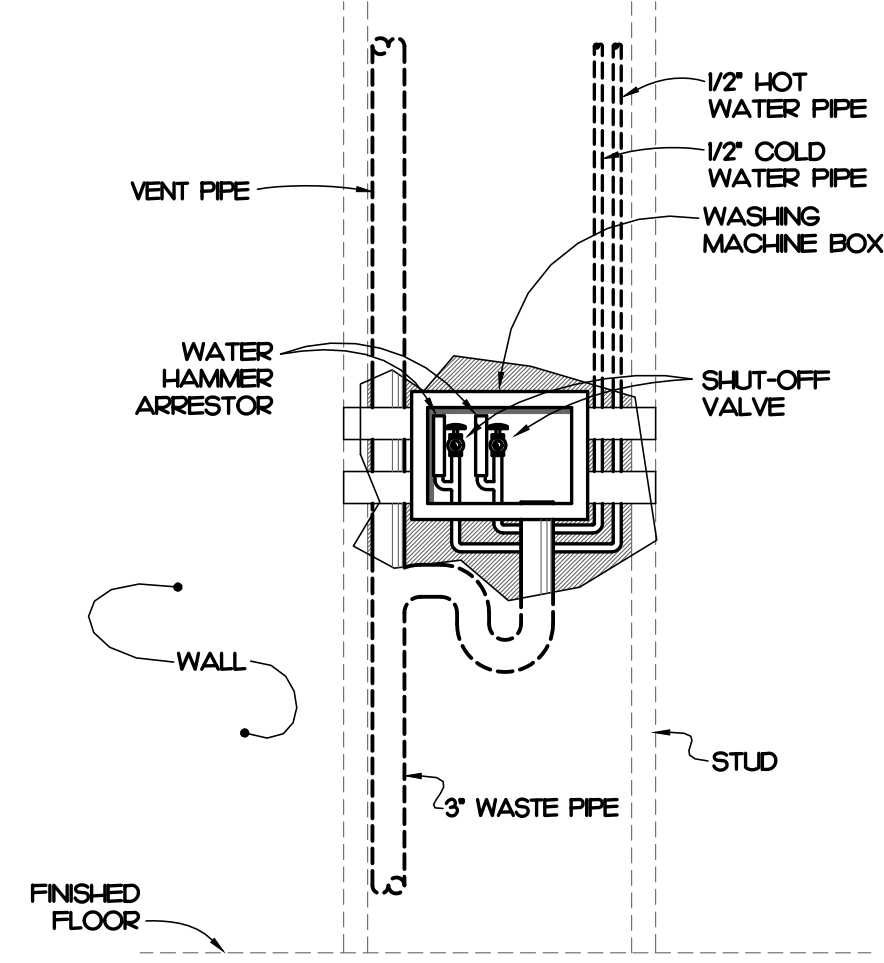
PLUMBING PLAN - BUILDING 2

P1.0

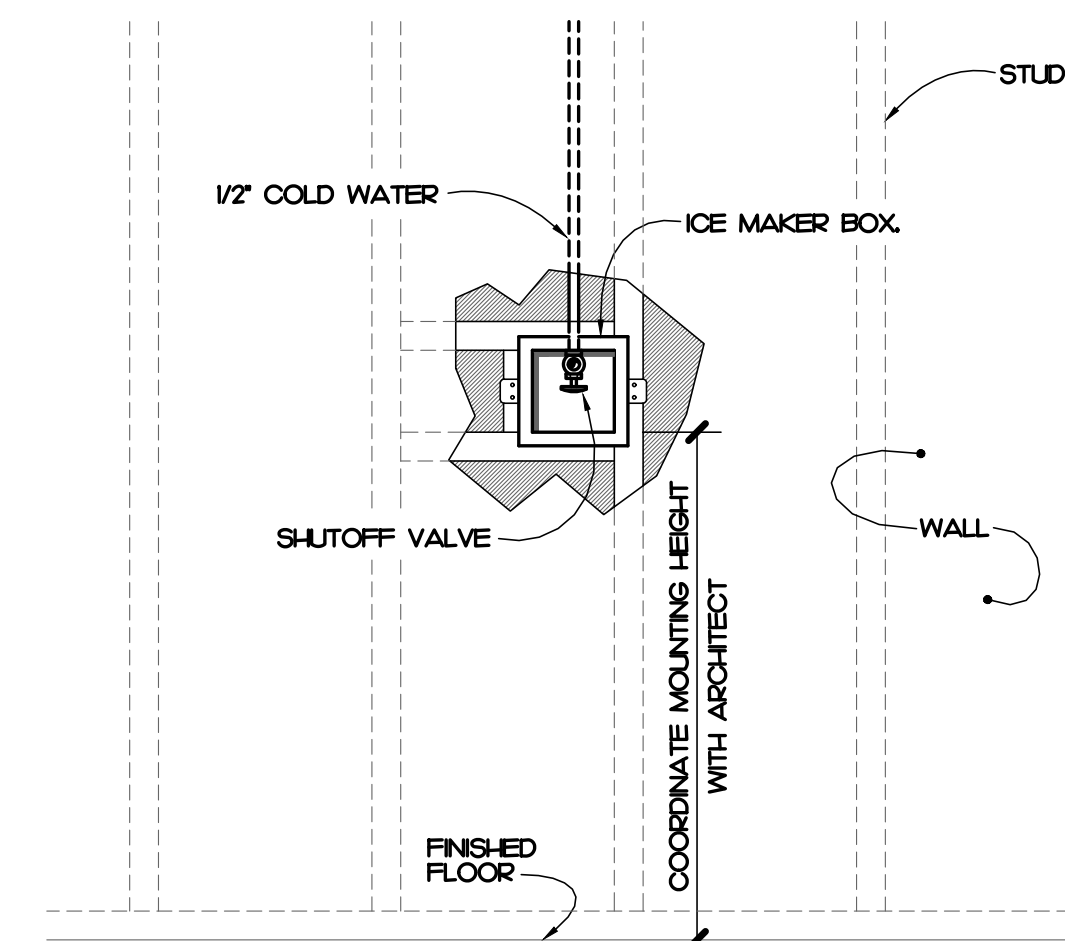
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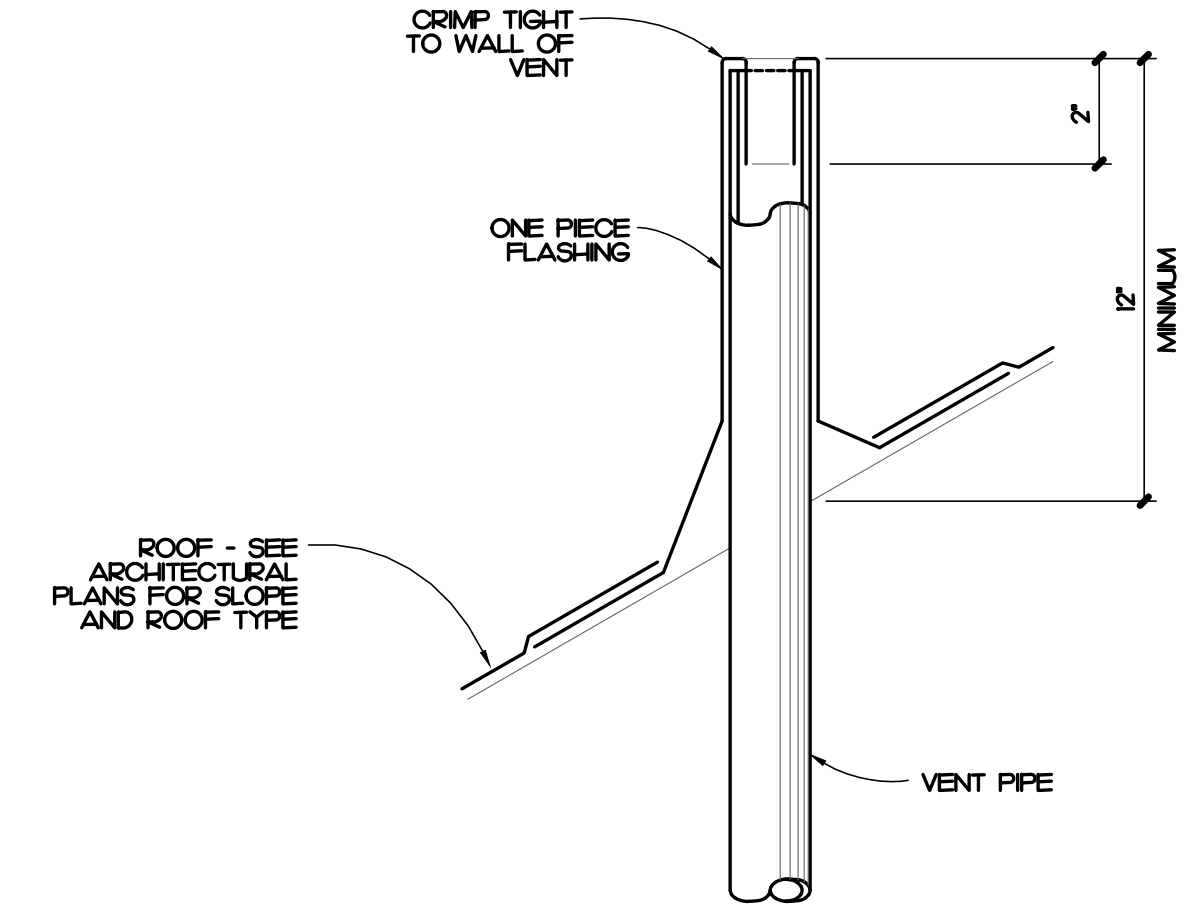
9 WATER HEATER MOUNTING DETAIL
Scale: NOT TO SCALE



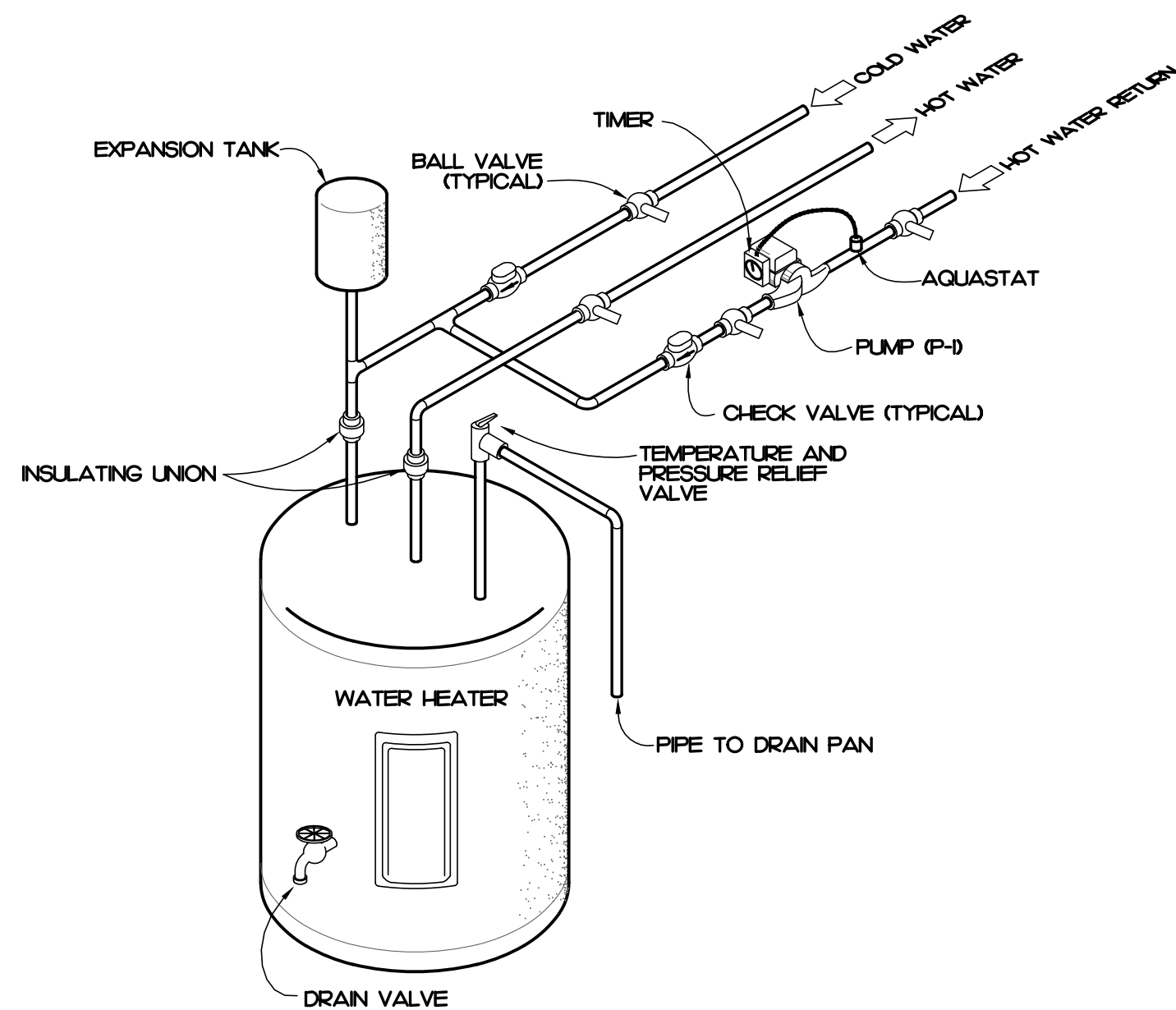
6 WASHING MACHINE BOX DETAIL
Scale: NOT TO SCALE



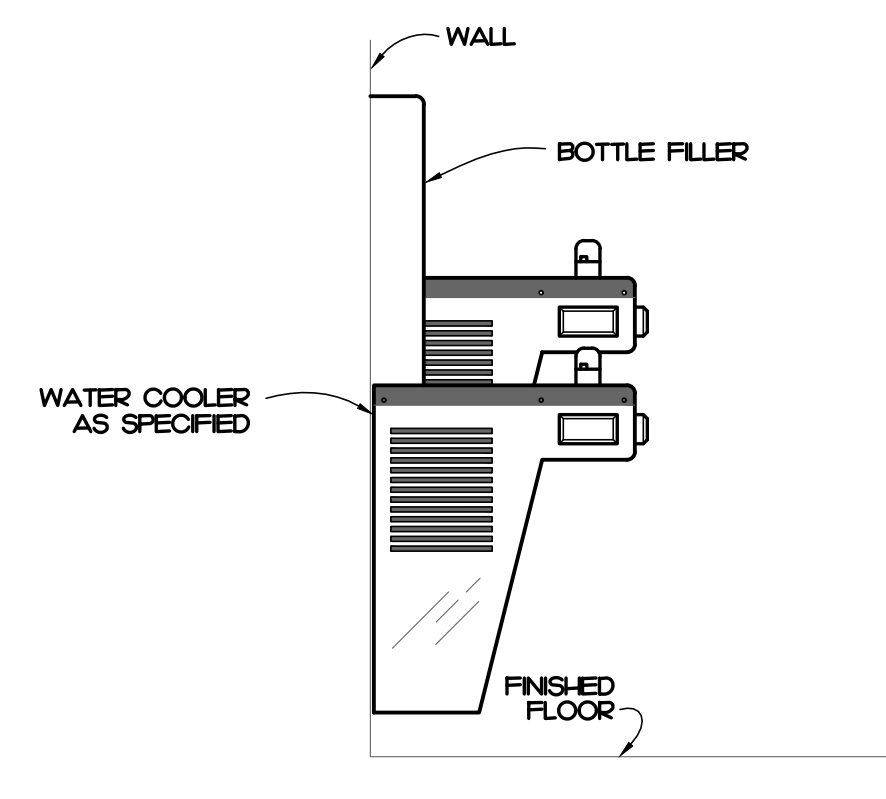
3 ICE MAKER BOX DETAIL
Scale: NOT TO SCALE



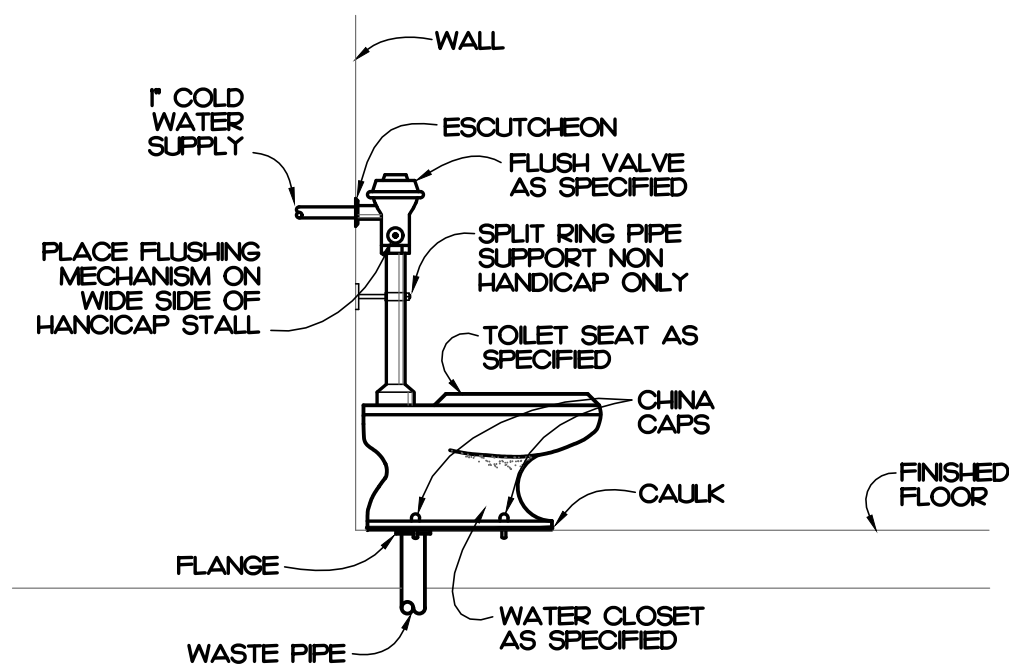
2 VENT THROUGH ROOF DETAIL
Scale: NOT TO SCALE



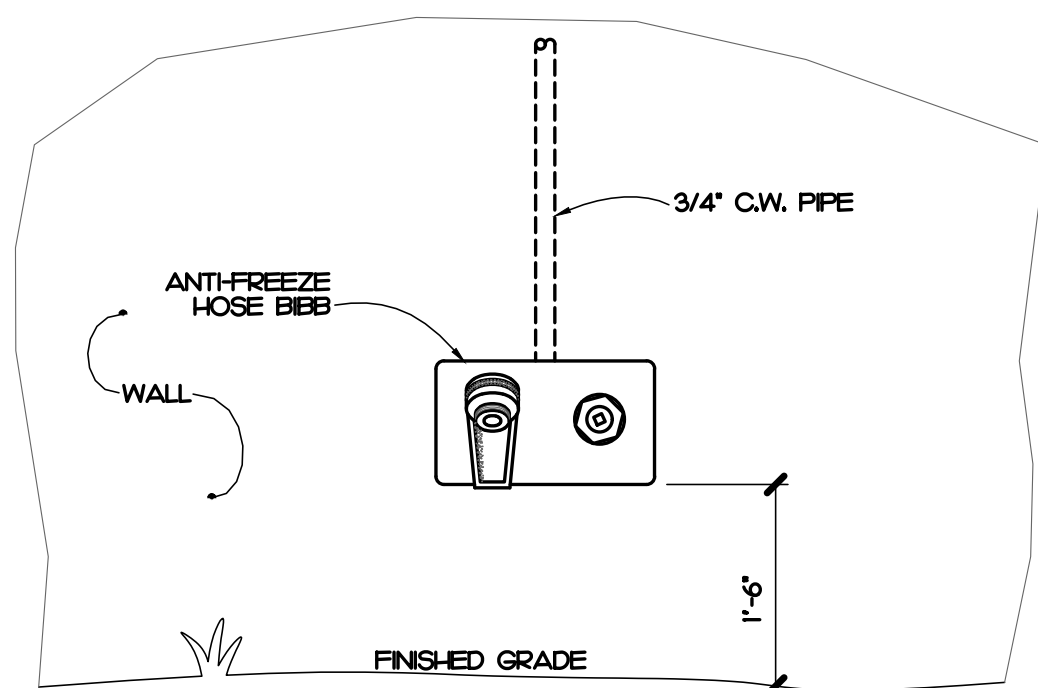
8 WATER HEATER DETAIL
Scale: NOT TO SCALE



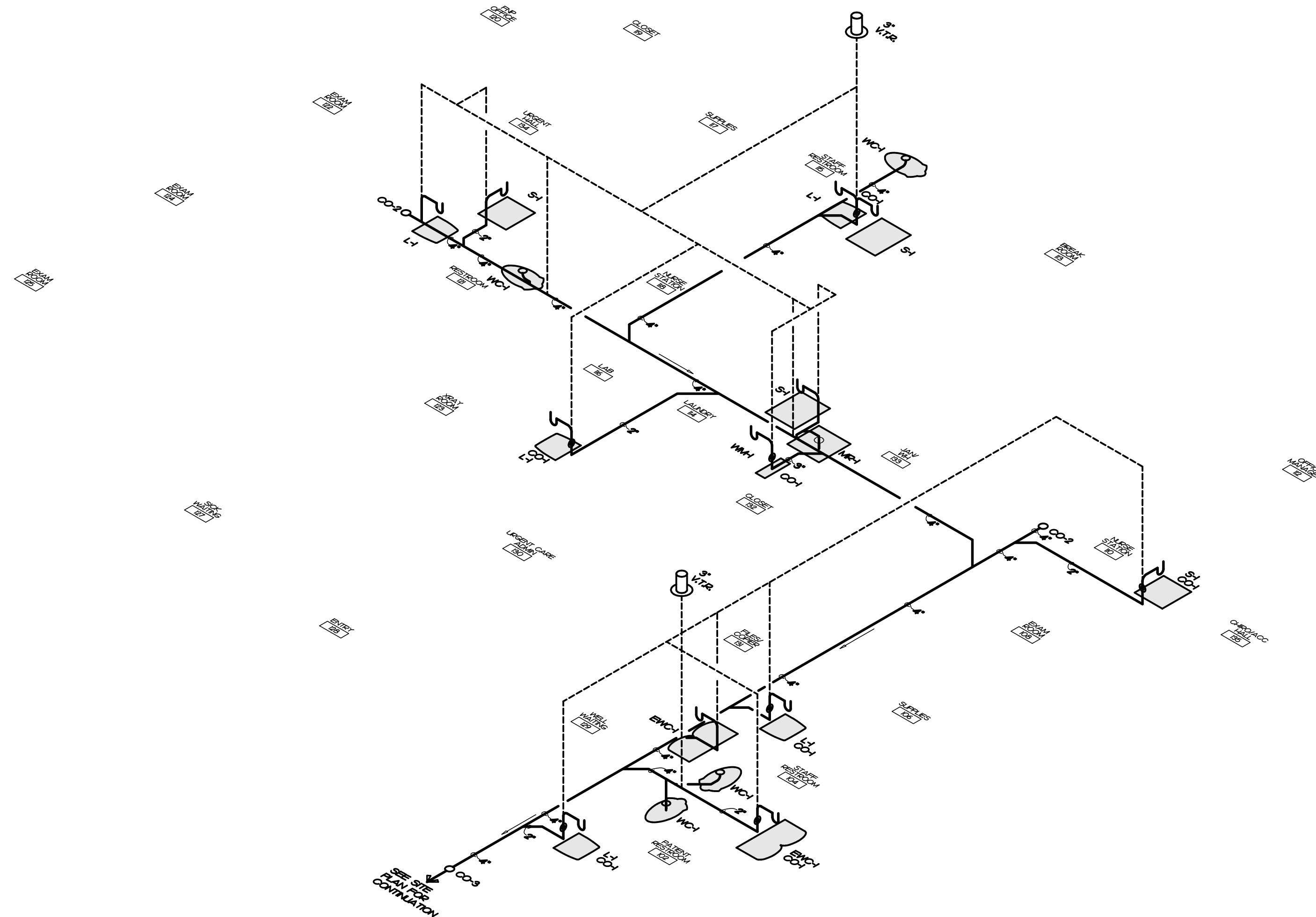
5 ELECTRIC WATER COOLER DETAIL
Scale: NOT TO SCALE



7 WATER CLOSET DETAIL
Scale: NOT TO SCALE



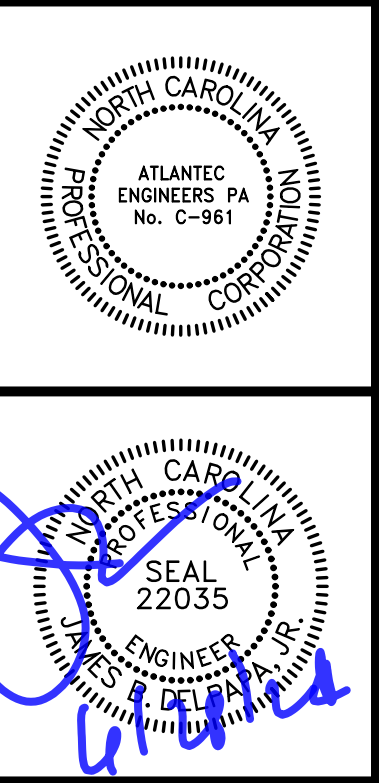
4 EXTERIOR HOSE BIBB DETAIL
Scale: NOT TO SCALE



1 WASTE RISER
Scale: NOT TO SCALE



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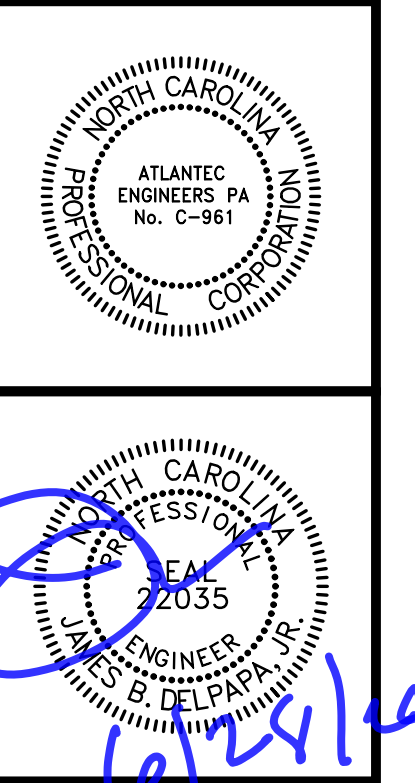
NO.	DATE	DESCRIPTION

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PLUMBING DETAILS
CONTINUED AND
WASTE RISER
P2.0



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PROJECT: 2344
DATE: 7/3/24
DRAWN BY: NGB
CHECKED BY: BWF

MECHANICAL
NOTES, LEGEND,
SCHEDULES
MO.0

GENERAL NOTES

- ALL WORK SHALL BE DONE IN ACCORDANCE WITH THE LATEST EDITION OF THE STATE CODE, ALL LOCAL AND OTHER APPLICABLE CODES.
- ANY PERMITS AND INSPECTION FEES SHALL BE SECURED AND PAID FOR BY THE MECHANICAL CONTRACTOR (M.C.).
- ALL WORK SHALL BE PERFORMED BY EXPERIENCED AND SKILLED CRAFTSMAN, THE M.C. SHALL COORDINATE ALL OF THEIR WORK WITH ALL OTHER CONTRACTORS.
- THE MECHANICAL PLANS AND SPECIFICATIONS SHALL BE THOROUGHLY REVIEWED PRIOR TO PURCHASING MATERIALS AND INSTALLATION. ALL DISCREPANCIES OR INTERFERENCES SHALL BE BROUGHT TO THE ENGINEERS' ATTENTION.
- THESE PLANS ARE DIAGRAMMATIC AND MAY NOT SHOW MINOR DETAILS AND LOCATIONS. FOR DIMENSIONS, REFER TO THE ARCHITECTURAL PLANS.
- THE M.C. SHALL BE RESPONSIBLE FOR ALL ELECTRICAL STARTERS, INTERLOCKS, CONTROL WIRING, THE ELECTRICAL CONTRACTOR SHALL PROVIDE POWER WIRING, CONDUIT FROM THE DISCONNECT TO M.C. EQUIPMENT, THE M.C. SHALL BE RESPONSIBLE FOR ALL FINAL CONNECTION TO THEIR EQUIPMENT.
- INSTALL FLEXIBLE CONNECTORS ON SUPPLY AND RETURN DUCTWORK AT ALL AIR HANDLING UNITS.
- INSTALL TURNING VANES IN ALL DUCTS AT ELBOWS, PROVIDE BALANCING AND SPLITTER DAMPERS WHERE SHOWN AND AS REQUIRED FOR SYSTEM BALANCING.
- ALL THERMOSTATS, WIRING AND CONDUIT ARE TO BE FURNISHED BY THE M.C. MOUNT THERMOSTATS 4'-0" ABOVE THE FLOOR, UNLESS OTHERWISE NOTED.
- THE M.C. SHALL INSURE THAT ALL MECHANICAL EQUIPMENT INSTALLED UNDER THEIR CONTRACT SHALL OPERATE FREE OF OBJECTIONABLE NOISE AND VIBRATION.
- THE M.C. SHALL KEEP THE PREMISES CLEAR OF DEBRIS FROM THEIR WORK DURING CONSTRUCTION AND LEAVE THE AREA AND BUILDING CLEAN AT THE COMPLETION OF THEIR WORK. THEY SHALL ALSO LEAVE CLEAN ALL EXPOSED EQUIPMENT IN THEIR CONTRACT.
- FLEXIBLE DUCT RUNOUTS SHALL BE A MAXIMUM OF 14'-0".
- ALL FLEXIBLE DUCT RUNOUTS SHALL INCLUDE INSULATED DAMPERED BOOTS AT THE POINT OF CONNECTION WITH RECTANGULAR DUCT. PROVIDE ALL FLEXIBLE DUCTWORK WITH FOIL-BACKED, EXTERNALLY WRAPPED INSULATION FOR A MINIMUM OF R-8.
- ALL DUCTWORK SIZES SHOWN ARE ACTUAL SHEET METAL DIMENSIONS. EXTERNALLY WRAP ALL DUCT WITH 3" FOIL-BACKED INSULATION FOR A MINIMUM OF R-8.
- MECHANICAL CONTRACTOR SHALL WORK WITH TEST AND BALANCE CONTRACTOR TO REMEDY ANY DIFFERENCES TO INCLUDE FAN DRIVE CHANGES, INSTALLATION OF DAMPERS OR OTHER MINOR DUCT MODIFICATIONS TO PROVIDE AIRFLOW TO WITHIN +/- 10% OF THE DESIGN VALUES LISTED ON THESE PLANS.
- THE AIR HANDLING UNIT SHALL OPERATE AT ALL TIMES DURING OCCUPIED HOURS.
- THE MECHANICAL CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A SET OF AS-BUILT DRAWINGS UPON COMPLETION OF JOB.
- THE MECHANICAL CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A SET OF DUCT SHOP DRAWINGS FOR APPROVAL.
- THE MECHANICAL CONTRACTOR SHALL PROVIDE THE ENGINEER WITH A BALANCE REPORT BY A CERTIFIED TEST AND BALANCE COMPANY.
- PROVIDE PERMIT LABEL ENGRAVED PLASTIC LAMINATE MECHANICALLY FASTENED TO OUTDOOR UNITS.
- LABEL CEILING GRID WHERE EQUIPMENT IS LOCATED ABOVE LAY-IN CEILING WITH EQUIPMENT IDENTIFIER. ALSO LABEL ALL TEMPERATURE SENSORS AND THERMOSTATS WITH EQUIPMENT IDENTIFIER.

SPLIT-SYSTEM HEAT PUMP SCHEDULE

MARK	BASIS OF DESIGN	INSIDE UNIT				OUTSIDE UNIT								NOTES					
		CFM	FAN SP.	HP	SUPP. HEAT	HEATING CAPACITY	ELECTRICAL POWER	PLA	MOCP	MARK	BASIS OF DESIGN	TOTAL CAPACITY	HEATING CAPACITY		ELECTRICAL POWER	PLA	MOCP	EFFICIENCY	COOLING
AH-U-1	TRANE TRANE G4V6B0C48	1600	0.5	3/4	0.8 kW	208/3	36.0	45	HP-1	TRANE 4TWA4048	482 MEH	35.9 MEH	27.0 MEH	208/3	14.8	30	14.5 SEER	8.2 HSPF	I-7
AH-U-2	TRANE TRANE G4V6B0B30	1000	0.5	1/3	5.8 kW	208/1	30.5	40	HP-2	TRANE 4TWR4030	29.7 MEH	22.7 MEH	17.2 MEH	208/1	11.0	25	14.6 SEER2	7.5 HSPF2	I-7
AH-U-3	TRANE TRANE G4V6B0A24	800	0.5	1/3	5.8 kW	208/1	30.5	40	HP-3	TRANE 4TWR4024	23.2 MEH	17.8 MEH	14.4 MEH	208/1	12.3	25	14.6 SEER2	7.5 HSPF2	I-7
AH-U-4	TRANE TRANE G4V6B0B36	1200	0.5	1/2	7.2 kW	208/3	24.1	30	HP-4	TRANE 4TWA4036	35.8 MEH	26.8 MEH	19.7 MEH	208/3	10.7	20	14.75 SEER	8.2 HSPF	I-7

- NOTES:
- PROVIDE WITH HEAVY DUTY FUSIBLE DISCONNECT ON INDOOR AND OUTDOOR UNITS.
 - PROVIDE WITH SINGLE POINT ELECTRICAL CONNECTION ON INDOOR UNIT.
 - PROVIDE WITH PROGRAMMABLE THERMOSTAT WITH 10 HR BATTERY BACKUP, AUTO-CHANGEOVER, AND 2 HOUR OVERRIDE.
 - SEE OUTSIDE AIR SUMMARY FOR OUTSIDE AIR INTAKE FLOW SETTINGS.
 - ROUTE CONDENSATE TO EXTERIOR SPLASH BLOCK.
 - PROVIDE WITH LOW AMBIENT CONTROLS FOR OPERATION DOWN TO 0 DEGREES FAHRENHEIT.
 - PROVIDE WITH 2" PLEATED FILTER RACK AND FILTER AT UNIT.

MECHANICAL SYSTEMS, SERVICE SYSTEMS AND EQUIPMENT METHOD OF COMPLIANCE

PRESCRIPTIVE ENERGY COST BUDGET

THERMAL ZONE 4A

EXTERIOR DESIGN CONDITIONS
winter dry bulb: 16°F
summer dry bulb: 93°F
relative humidity: 46%

INTERIOR DESIGN CONDITIONS
winter dry bulb: 70°F
summer dry bulb: 74°F
relative humidity: 50%

BUILDING HEATING LOAD: BLOCK LOAD = 48.3 MEH
BUILDING COOLING LOAD: BLOCK LOAD = 117.5 MEH (9.8 TONS)

MECHANICAL SPACING CONDITIONING SYSTEM

Unitary:
description of unit:
heating efficiency:
cooling efficiency:
heat output of unit:
cooling output of unit:
Boiler: NA
total boiler capacity, If oversized state reason.
Chiller: NA
total chiller capacity, If oversized state reason.

LIST EQUIPMENT EFFICIENCIES: SEE SCHEDULES ON THIS SHEET

EQUIPMENT SCHEDULES WITH MOTORS (MECHANICAL SYSTEMS)
motor horsepower:
number of phases:
minimum efficiency:
motor type:
of poles:
SEE SCHEDULES ON THIS SHEET

DESIGNER STATEMENT
To the best of my knowledge and belief, the design of this building complies with the mechanical systems, service systems and equipment requirements of the North Carolina State Energy Code.

SIGNED:

NAME: James B. DePapa, Jr., PE

TITLE: Professional Engineer

EXHAUST FAN SCHEDULE

MARK	BASIS OF DESIGN	SERVICE	TYPE	CFM	RPM	HP/AMPS	SP.	POWER	NOTES
EF-1	COOK GC-140	TOILET	CABINET FAN	105	1500	67 Watts	0.25"	120/1	I-3
EF-2	COOK GC-140	LAB	CABINET FAN	105	1500	67 Watts	0.25"	120/1	I-2,4
EF-3	COOK GC-140	JANITOR	CABINET FAN	105	1500	67 Watts	0.25"	120/1	I-2,4

- NOTES:
- PROVIDE WITH DISCONNECT SWITCH.
 - PROVIDE WITH BACKDRAFT DAMPER.
 - CONTROL VIA LIGHT SWITCH BY E.C.
 - CONTROL VIA WALL SWITCH BY E.C.

GRILLE & DIFFUSER SCHEDULE

MARK	BASIS OF DESIGN	SERVICE	TYPE	MAX. CFM	FACE SIZE	NECK SIZE	NOTES
A	PRICE SCD 4 CONE	SUPPLY	LOUVERED LAY-IN	100	24X24	6"	I-3
B	PRICE SCD 4 CONE	SUPPLY	LOUVERED LAY-IN	200	24X24	8"	I-3
C	PRICE SCD 4 CONE	SUPPLY	LOUVERED LAY-IN	300	24X24	10"	I-3
D	PRICE SMD	SUPPLY	SURFACE MOUNT	100	8X8	6"	I-4
RA	PRICE S30	RETURN	LOUVERED LAY-IN	1000	24X24	SEE DWG	I-3

- NOTES:
- COORDINATE FINISH WITH ARCHITECT.
 - GRILLE TO HAVE FULLY LOUVERED FACE.
 - PROVIDE WITH INSULATED SHEET METAL PLENUM.
 - FRAME FOR SURFACE MOUNTING.

SYMBOL LEGEND

SYMBOL	DESCRIPTION
	SHEET METAL DUCT
	FLEXIBLE DUCT
	SUPPLY DIFFUSER - LETTER & NUMBER INDICATES TYPE & CFM
	RETURN GRILLE - LETTER & NUMBER INDICATES TYPE & CFM
	EXHAUST FAN
	THERMOSTAT - MOUNTED 48" ABOVE FINISHED FLOOR
	BALANCING DAMPER
	ELBOW WITH TURNING VANES
	LEAD-LINED WALL TO DECK

OUTSIDE AIR SUMMARY

REQUIRED:

ZONE 1:
OFFICE AREA: 1314 SQFT • 0.06 CFM/SQFT • 18 PER • 5 CFM/PER • 169 CFM

ZONE 2:
OFFICE AREA: 622 SQFT • 0.06 CFM/SQFT • 14 PER • 5 CFM/PER • 107 CFM

ZONE 3:
OFFICE AREA: 779 SQFT • 0.06 CFM/SQFT • 5 PER • 5 CFM/PER • 72 CFM

ZONE 4:
OFFICE AREA: 942 SQFT • 0.06 CFM/SQFT • 5 PER • 5 CFM/PER • 182 CFM

TOTAL REQUIRED = 480 CFM

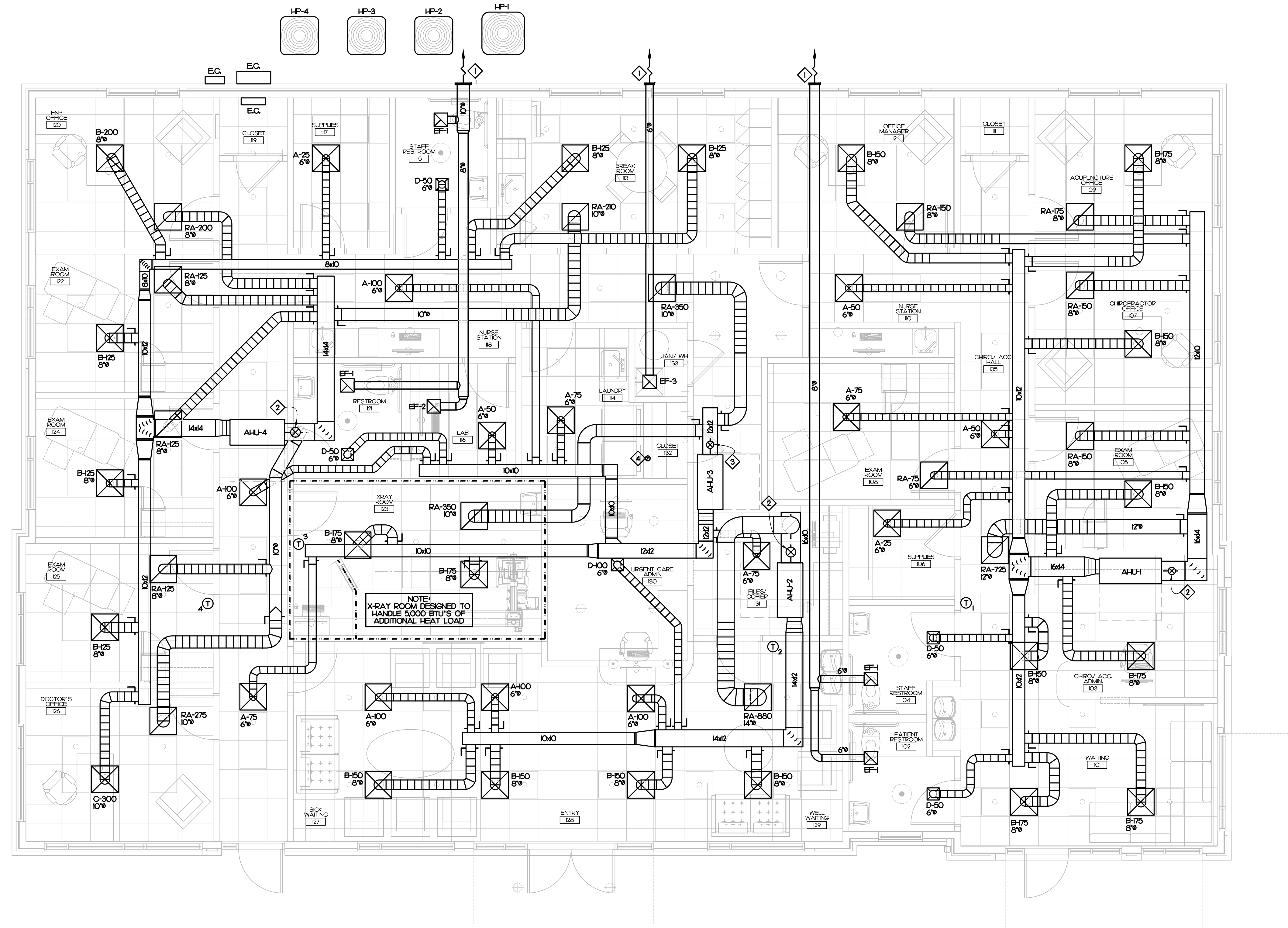
PROVIDED:

AH-U-1: 175 CFM
AH-U-2: 120 CFM
AH-U-3: 100 CFM
AH-U-4: 140 CFM

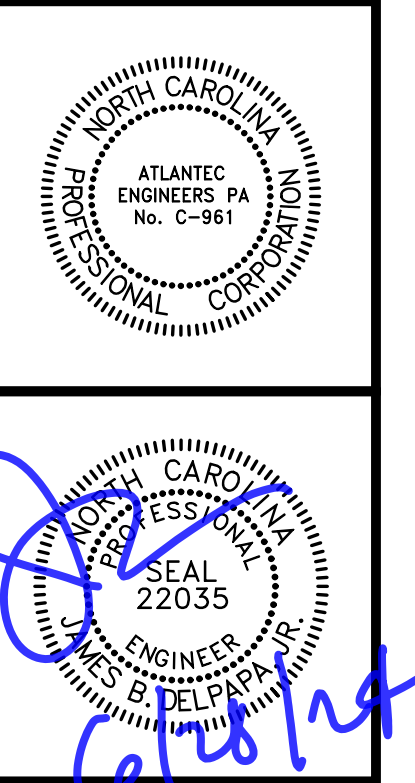
TOTAL PROVIDED = 535 CFM

MECHANICAL KEY NOTES

- 1 ROUTE EXHAUST DUCT TO EXTERIOR. TERMINATE WITH WALL CAP.
- 2 ROUTE 8" OUTSIDE AIR DUCT TO ROOF. TERMINATE WITH ROOF CAP.
- 3 ROUTE 6" OUTSIDE AIR DUCT TO ROOF. TERMINATE WITH ROOF CAP.
- 4 DRYER VENT CALCULATION: 20' (VERT) + 20' TEL. ROUTE 4" DRYER DUCT TO ROOF. TERMINATE WITH GOOSENECK VENT AND PROVIDE WITH BRD SCREEN. CENTER DRYER BOX BEHIND APPLIANCE. BOTTOM OF DRYER BOX TO BE NO MORE THAN 2' AFF.



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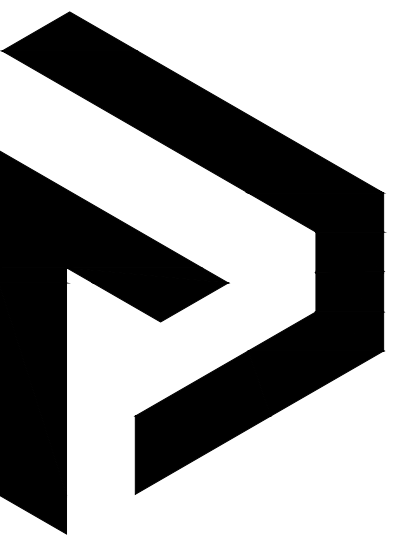
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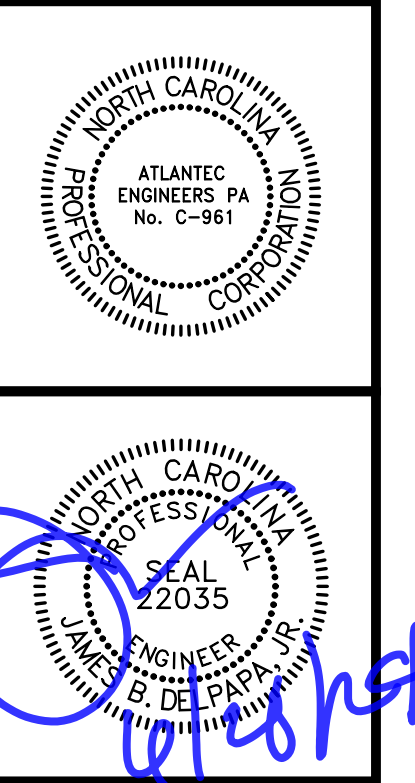
MECHANICAL
 PLAN

M1.0

1 MECHANICAL PLAN
 Scale: 1/4" = 1'-0"



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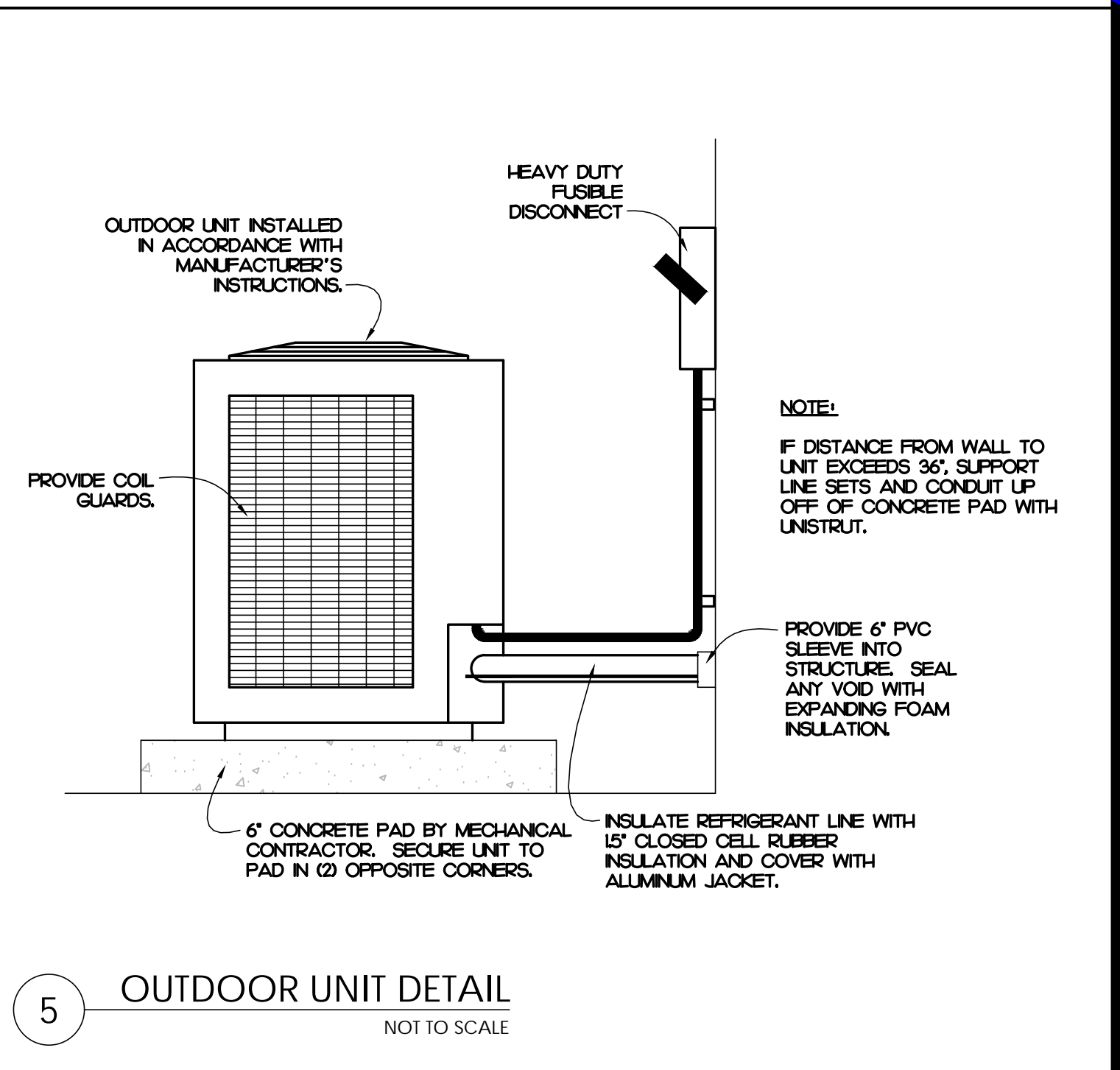
ANGIER MEDICAL COMPLEX
 BUILDING 2
 ANGIER, NC

NO.	REVISIONS

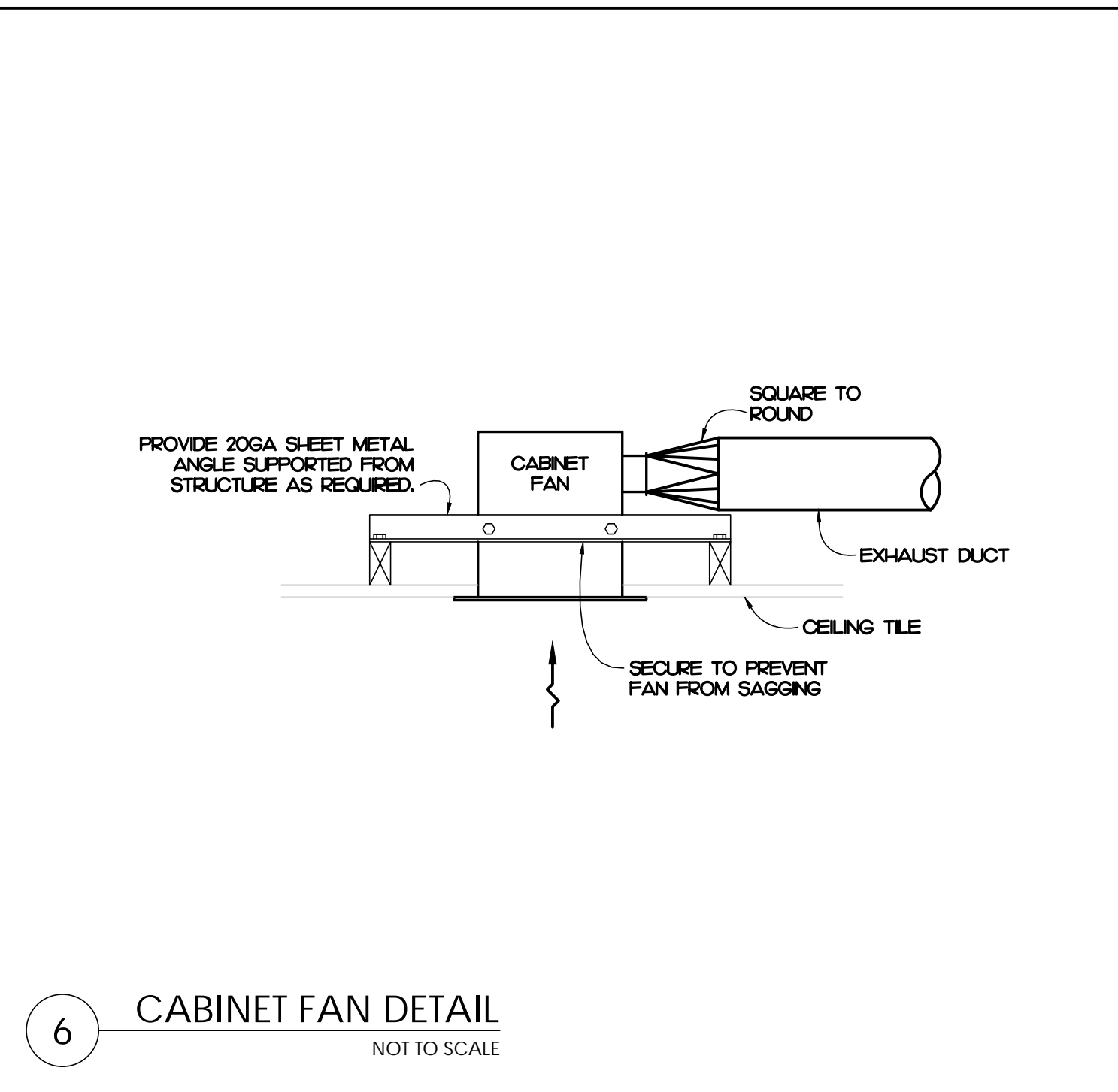
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MECHANICAL
 DETAILS

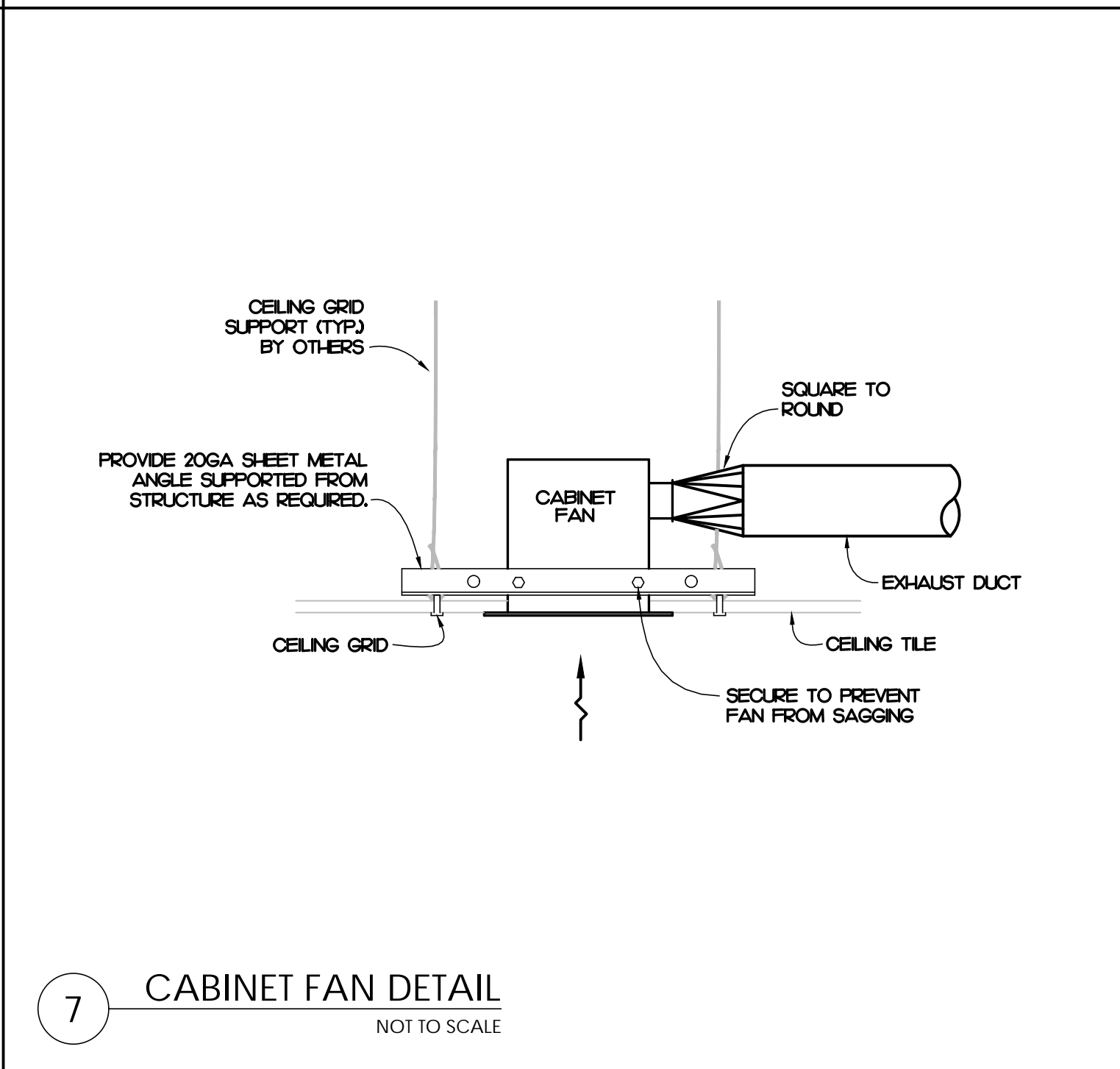
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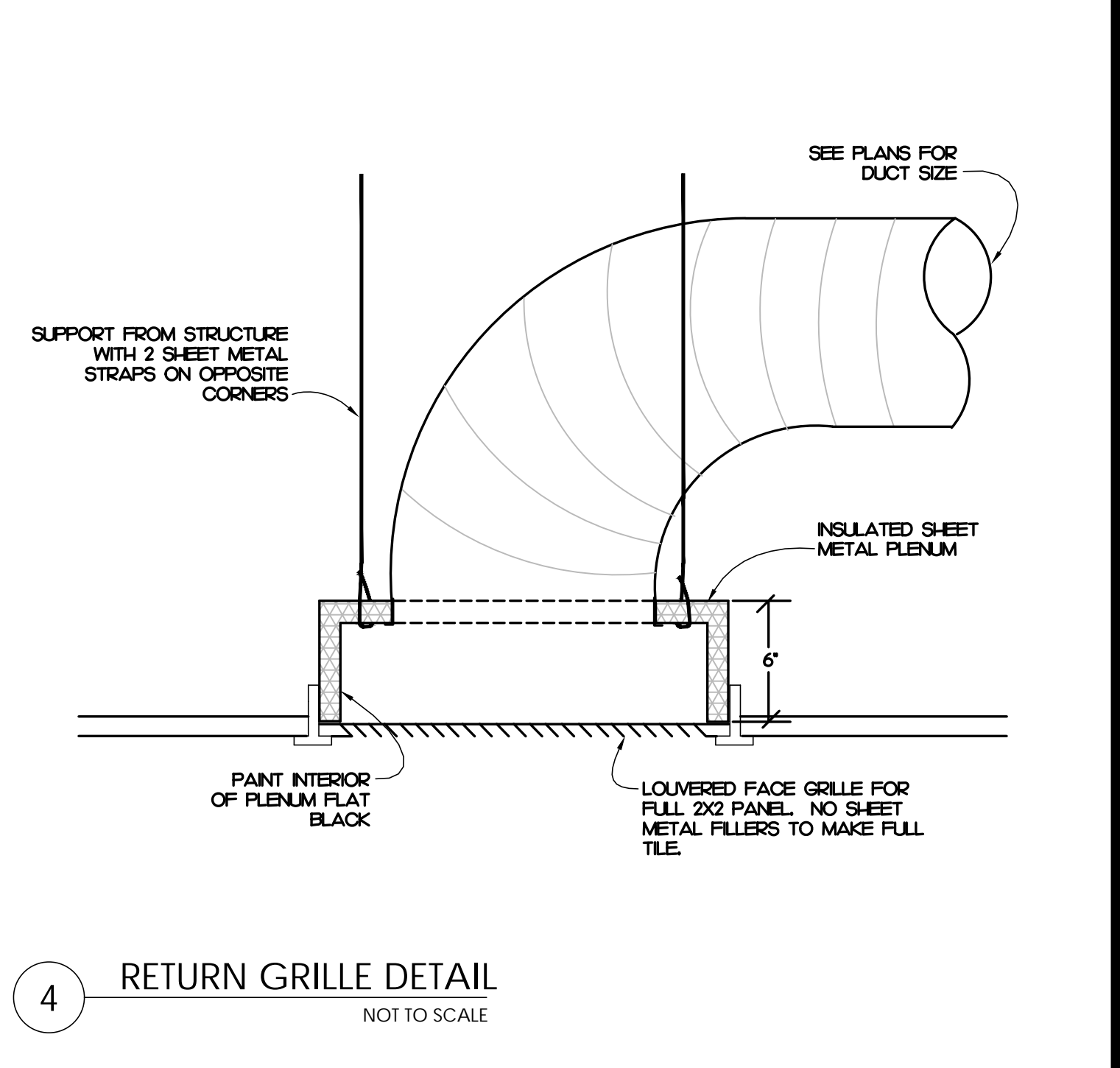
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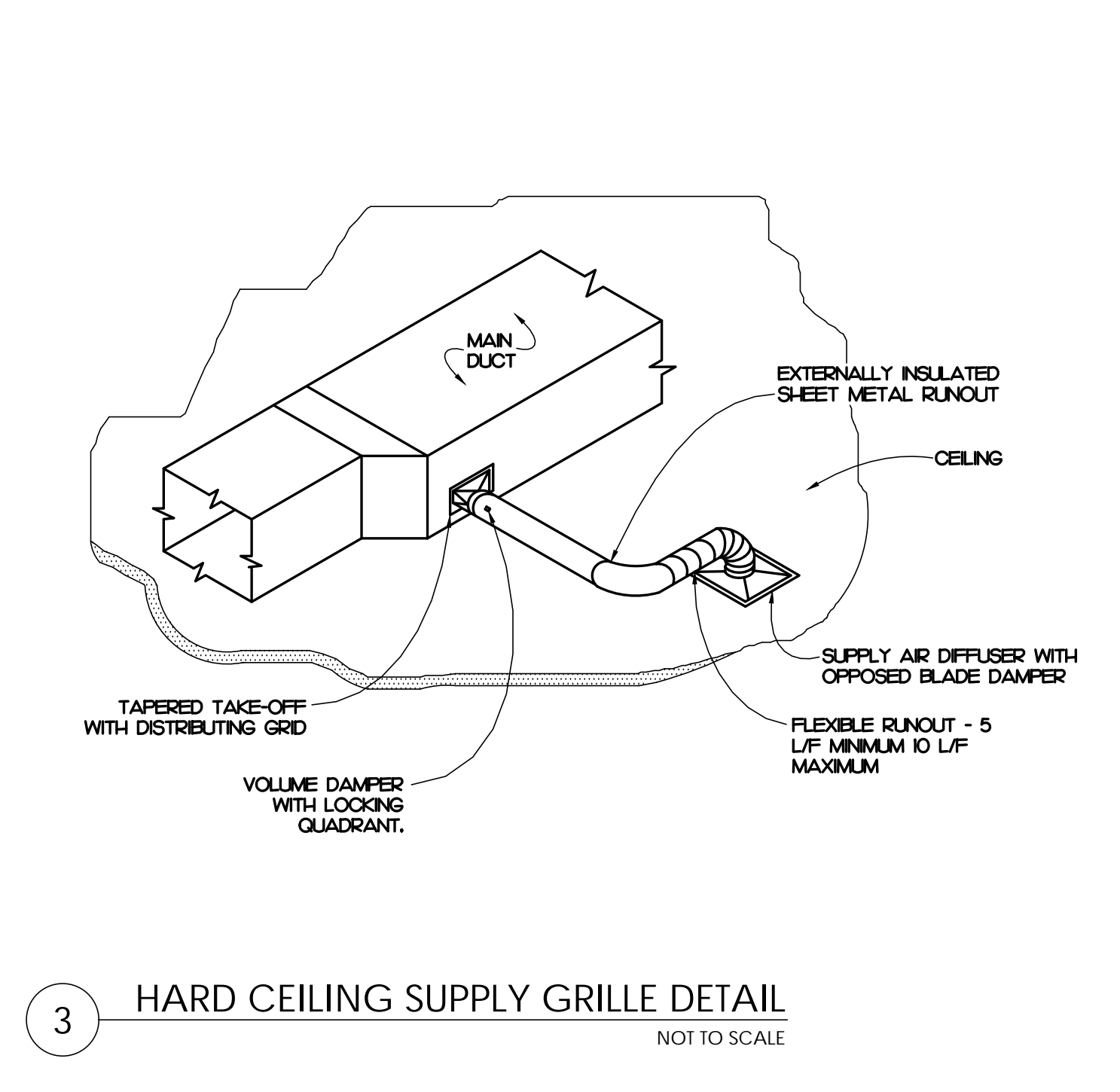
6 CABINET FAN DETAIL
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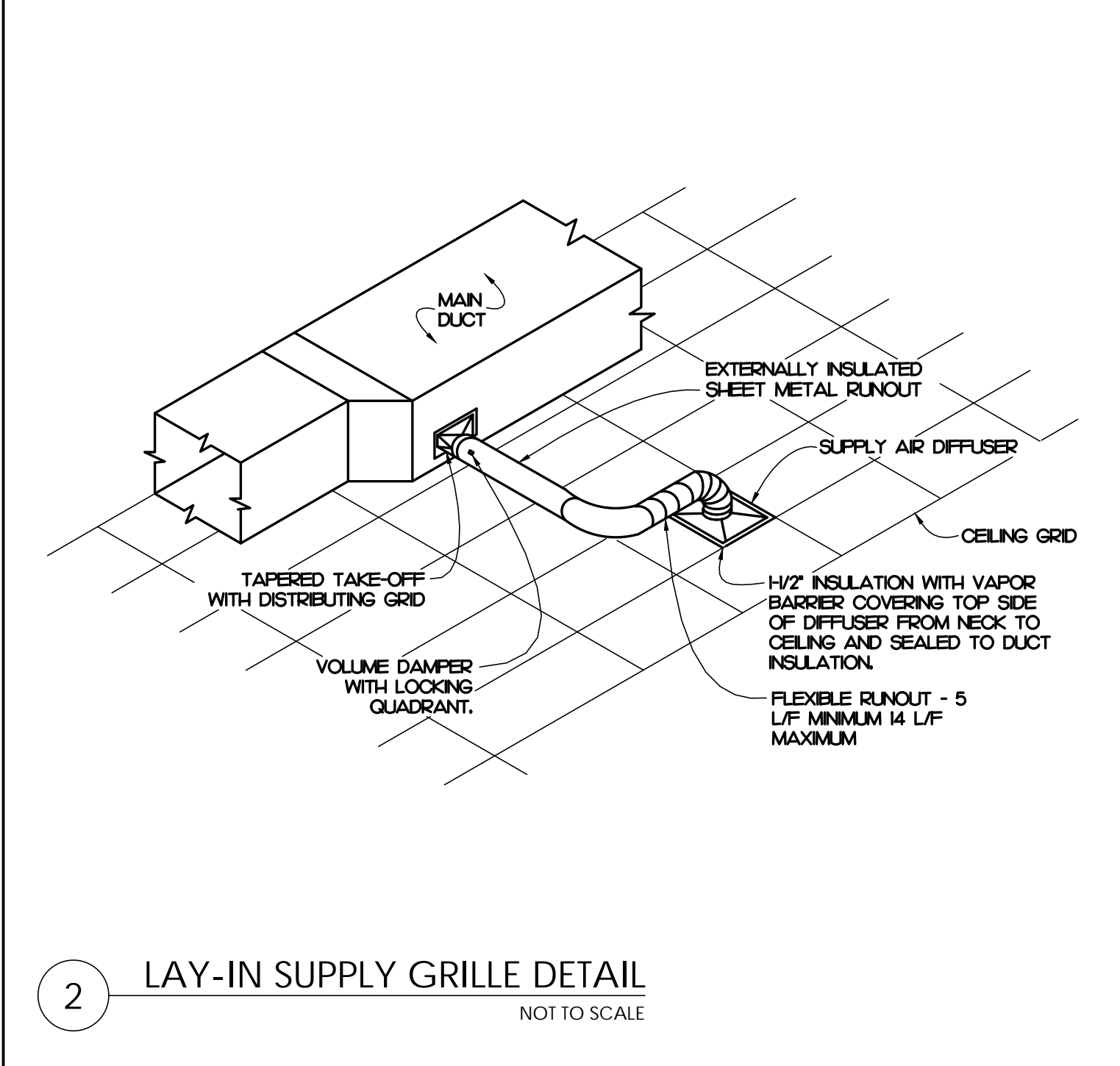
7 CABINET FAN DETAIL
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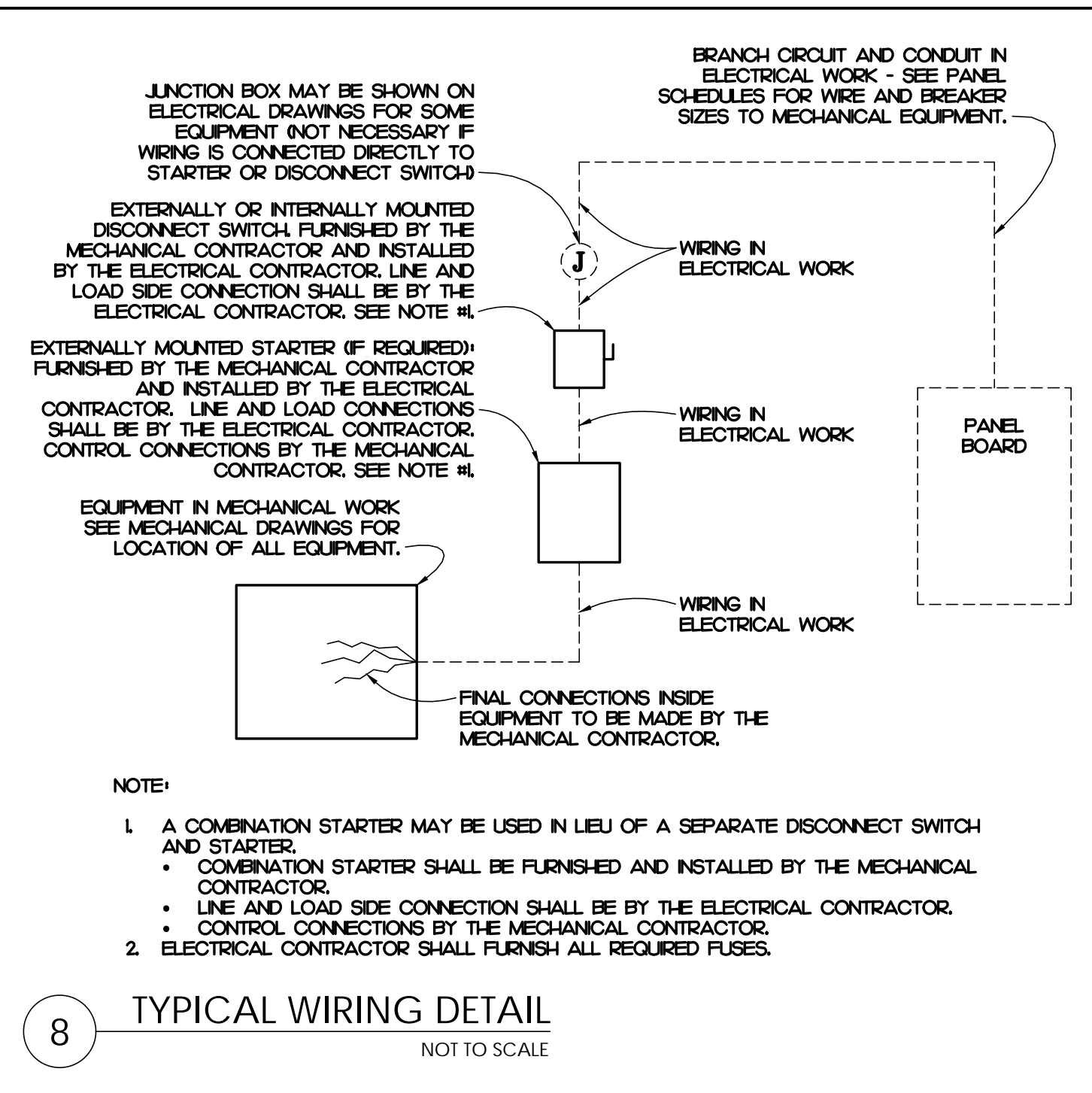
4 RETURN GRILLE DETAIL
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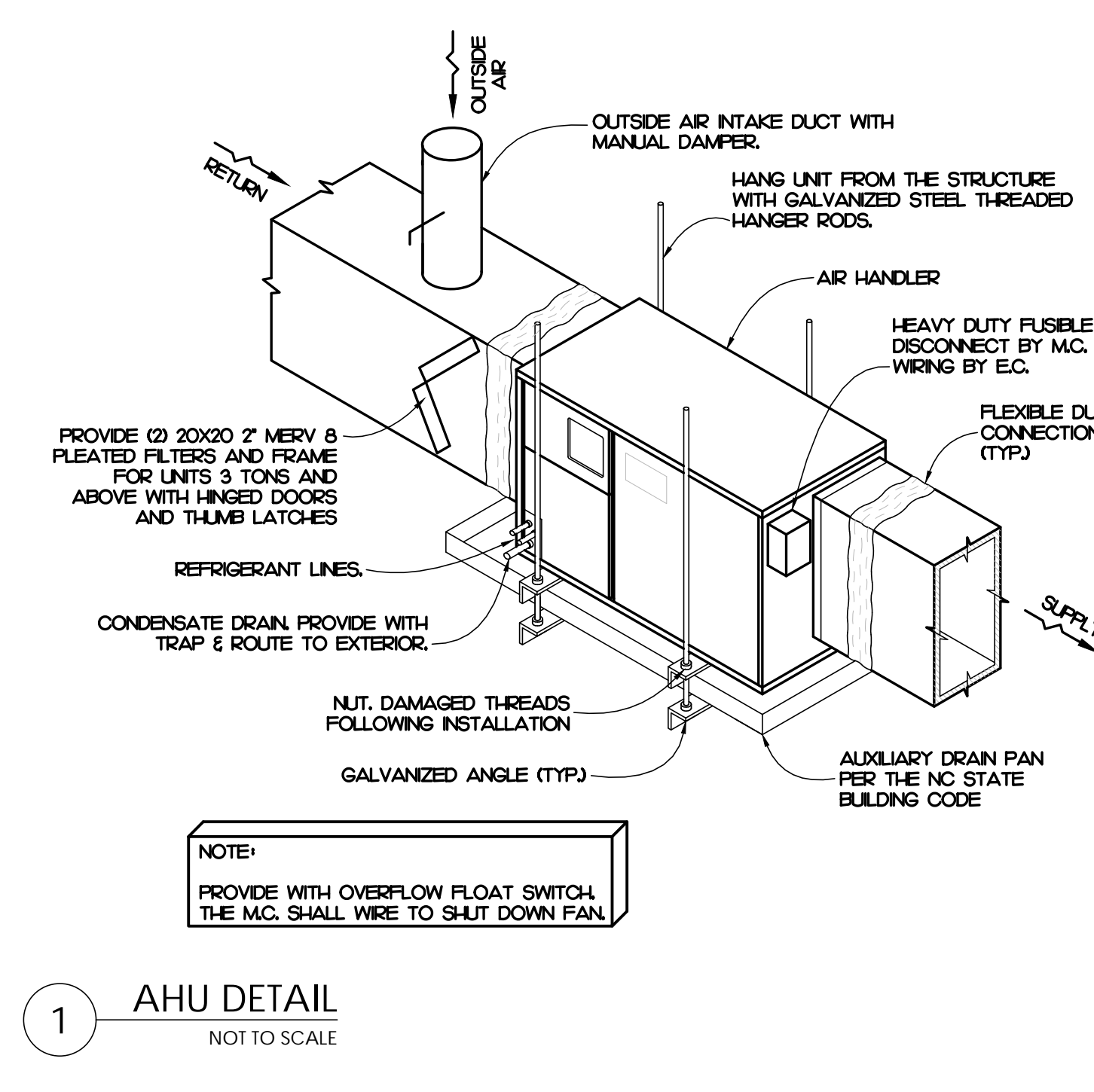
3 HARD CEILING SUPPLY GRILLE DETAIL
 NOT TO SCALE



2 LAY-IN SUPPLY GRILLE DETAIL
 NOT TO SCALE



8 TYPICAL WIRING DETAIL
 NOT TO SCALE



1 AHU DETAIL
 NOT TO SCALE

24074

SYMBOL LEGEND

SYMBOL	DESCRIPTION	REMARKS
[Symbol]	2 X 4 LAY-IN FIXTURE - LETTER DESIGNATES TYPE	SEE FIXTURE SCHEDULE
[Symbol]	2 X 2 LAY-IN FIXTURE - LETTER DESIGNATES TYPE	SEE FIXTURE SCHEDULE
[Symbol]	LINEAR STRIP FIXTURE - LETTER DESIGNATES TYPE	SEE FIXTURE SCHEDULE
[Symbol]	RECESSED CAN LIGHT FIXTURE - LETTER DESIGNATES TYPE	SEE FIXTURE SCHEDULE
[Symbol]	PENDANT/SURFACE MOUNT FIXTURE - LETTER DESIGNATES TYPE	SEE FIXTURE SCHEDULE
[Symbol]	EXTERIOR WALL LIGHT FIXTURE - LETTER DESIGNATES TYPE	SEE FIXTURE SCHEDULE
[Symbol]	WALL SCONCE LIGHT FIXTURE - LETTER DESIGNATES TYPE	SEE FIXTURE SCHEDULE
[Symbol]	EMERGENCY WITH EXIT LIGHT - CONNECT UNSWITCHED	SEE FIXTURE SCHEDULE
[Symbol]	BATTERY BACKUP EMERGENCY LIGHT - CONNECT UNSWITCHED	SEE FIXTURE SCHEDULE
[Symbol]	PHOTOCELL, 105-305VAC, 50/60HZ, 1800VA BALLAST LOAD 1000W TUNGSTEN LOAD, 8A LED LOAD (UP TO 2220W @277V)	TOR-K1 ZSS124
[Symbol]	2 CHANNEL DIGITAL TIME CLOCK, 2-20A 120VAC NO. CONTACTS, 7 DAY FORMAT, ASTRONOMIC/DAY LIGHT SAVING ADJUSTMENT, 7 DAY SCHEDULE POWER BACKUP, OPTION FOR PHOTOCELL CONTROL	TOR-K1 DZS200BP
[Symbol]	EMERGENCY INVERTER FOR EXTERIOR LIGHTING	EMERGLITE: EMIJ125
[Symbol]	SINGLE POLE TOGGLE SWITCH MOUNT 42" AFF. UNLESS NOTED OTHERWISE.	HUBBELL 1223-TR WITH NPJ8 COVER PLATE
[Symbol]	THREE WAY TOGGLE SWITCH MOUNT 42" AFF. UNLESS NOTED OTHERWISE.	HUBBELL 1223-TR WITH NPJ8 COVER PLATE
[Symbol]	FOUR WAY TOGGLE SWITCH MOUNT 42" AFF. UNLESS NOTED OTHERWISE.	HUBBELL 1224-TR WITH NPJ8 COVER PLATE
[Symbol]	WALL MOUNTED OCCUPANCY SENSOR SWITCH DUAL TECHNOLOGIES. MOUNT 42" AFF. UNLESS NOTED OTHERWISE. 800W/120VAC OR 1200W/277VAC	
[Symbol]	WALL MOUNTED 0-10V DIMMING SWITCH WITH OCCUPANCY SENSOR. DUAL TECHNOLOGIES. 1000W/120VAC OR 1200W/277VAC MOUNT 42" AFF. UNLESS NOTED OTHERWISE. PROVIDE SWITCHED WIRE AND 0-10V CONTROL WIRE TO FIXTURE AS REQUIRED.	INTERMATIC PF24
[Symbol]	0-2 HOUR MECHANICAL TIME SWITCH. 120VAC, 1800W MOUNT 42" AFF. UNLESS NOTED OTHERWISE.	
[Symbol]	SPECIFICATION GRADE DUPLEX TAMPER RESISTANT RECEPTACLE. MOUNT 16" AFF. UNLESS OTHERWISE NOTED.	HUBBELL HBL5362-TR WITH NPJ8 COVER PLATE
[Symbol]	SPECIFICATION GRADE TAMPER RESISTANT GFCI RECEPTACLE MOUNT 16" AFF. UNLESS OTHERWISE NOTED.	HUBBELL GFT1RST20-TR WITH NPJ26 COVER PLATE
[Symbol]	SPECIFICATION GRADE TAMPER RESISTANT, WEATHER RESISTANT AND GFCI DUPLEX RECEPTACLE WITH INUSE WEATHER PROOF COVER. MOUNT 16" AFF. UNLESS OTHERWISE NOTED.	HUBBELL GFTWRST20-TR WITH WP26M COVER PLATE
[Symbol]	SPECIFICATION GRADE DUPLEX RECEPTACLE FOR WATER COOLER. MOUNT 24" AFF. FOR CONCEALMENT OF CORD. FED FROM GFCI CIRCUIT BREAKER.	HUBBELL HBL5362 WITH NPJ8 COVER PLATE
[Symbol]	SPECIFICATION GRADE DUPLEX TAMPER RESISTANT RECEPTACLE. MOUNT 16" AFF. UNLESS OTHERWISE NOTED.	HUBBELL HBL5362-TR WITH NPJ8 COVER PLATE
[Symbol]	SPECIFICATION GRADE DUPLEX TAMPER RESISTANT RECEPTACLE MOUNT 4" ABOVE COUNTER/BACKSPLASH.	HUBBELL HBL5362-TR WITH NPJ8 COVER PLATE
[Symbol]	SPECIFICATION GRADE TAMPER RESISTANT GFCI RECEPTACLE. MOUNT 4" ABOVE COUNTER/BACKSPLASH.	HUBBELL GFT1RST20-TR WITH NPJ26 COVER PLATE
[Symbol]	SPECIFICATION GRADE QUAD TAMPER RESISTANT RECEPTACLE MOUNT 16" AFF. UNLESS OTHERWISE NOTED.	HUBBELL Q1 HBL5362-TR WITH NPJ82 COVER PLATE
[Symbol]	POWER RECEPTACLE WITH GROUND, "XX" DESIGNATES TYPE OR RATING. FIELD VERIFY NUMBER OF POLE AND NEUTRAL MOUNT 16" AFF. UNLESS OTHERWISE NOTED.	HUBBELL TO MATCH EQUIPMENT
[Symbol]	2 GANG ROUND RECESSED CONCRETE FLOOR BOX WITH FLAP COVER. 1 GANG WITH DUPLEX TAMPER RESISTANT RECEPTACLE. 1 GANG FOR COMMUNICATION OUTLETS BY OTHERS. 1 HUB FOR POWER, 1 1/2 HUB FOR DATA. PROVIDE COVER TO MATCH FLOOR TYPE PER ARCHITECT INSTRUCTION CUT AND PATCH FLOOR AS REQUIRED.	HUBBELL SYSTEM ONE OF8430 BOX WITH Z460CVR8KC COVER PROVIDE WITH ALL MOUNTING ACCESSORIES
[Symbol]	SPECIFICATION GRADE TAMPER RESISTANT DUPLEX RECEPTACLE WITH (0) TYPE A AND (0) TYPE C USB PORTS. 5A 5V USB OUTPUT. RECEPTACLE - MOUNT 16" AFF. UNLESS NOTED OTHERWISE.	HUBBELL USB20AC-TR WITH NPJ26 COVER PLATE
[Symbol]	CEILING PANEL CABINET FAN. FURNISHED AND INSTALLED BY M.C. WIRED BY E.C.	SEE MECH. PLAN
[Symbol]	JUNCTION BOX SIZED PER NEC.	
[Symbol]	DISCONNECT SWITCH SEE PLANS FOR SIZE AND TYPE	SQUARE D HEAVY DUTY
[Symbol]	DISCONNECT PROVIDED BY M.C. FINAL CONNECTIONS BY E.C.	SEE MECHANICAL PLAN
[Symbol]	NEW CONCEALED WIRING	PER NEC.
[Symbol]	UNSWITCHED LIGHTING CONDUCTOR	PER NEC.
[Symbol]	HOME RUN TO PANEL BOARD. NUMBERS OF ARROW INDICATE CIRCUITS	PER NEC.
[Symbol]	120/208V 3Ø, 4W PANEL BOARD - SEE PANEL SCHEDULES	SQUARE D N0100
[Symbol]	UTILITY METER BASE	SEE POWER RISER
[Symbol]	COMMUNICATION OUTLET - MOUNT 16" AFF. UNLESS OTHERWISE NOTED. STUB 3/4" CONDUIT TO ACCESSIBLE CEILING OR ATTIC SPACE. OUTLET, COVER PLATE AND WIRING BY OTHERS.	SINGLE GANG BOX HUBBELL NPJ8 COVER PLATE
[Symbol]	COMMUNICATION BACKBOARD - 24" x 24" x 3/4" THICK FIREPROOFED PLYBOARD MOUNTED TO WALL. PROVIDE GROUND BAR AND CONNECT 1#6 AWG GROUND IN 1/2" C. TO PANEL.	
[Symbol]	EXTERIOR JUNCTION BOX FOR FUTURE SECURITY CAMERA. COORDINATE REQUIREMENTS WITH SECURITY CONSULTANT. STUB 3/4" CONDUIT TO BUILDING INTERIOR.	PER NEC
[Symbol]	A.F.C.	ABOVE FINISHED CEILING
[Symbol]	A.F.F.	ABOVE FINISHED FLOOR - NOTE ALL MOUNTING DIMENSIONS GIVEN ARE TO THE BOTTOM OF THE OUTLET BOX
[Symbol]	2-HR RATED WALL	

GENERAL NOTES

- THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLANS FOR FLOOR PLAN DIMENSIONS. DO NOT SCALE THESE DRAWINGS.
- THE ELECTRICAL CONTRACTOR SHALL COORDINATE ANY AND ALL WORK WITH OTHER TRADES INVOLVED IN THE PROJECT. PRIOR TO THE INSTALLATION OF HIS EQUIPMENT SO AS TO AVOID CONFLICTS DURING CONSTRUCTION AND TO ALLOW FOR OPTIMUM MAINTENANCE AND WORKING SPACE.
- USE OF THE CONDUIT SYSTEM FOR EQUIPMENT GROUNDING SHALL NOT BE ACCEPTABLE. A SEPARATE GREEN GROUND WIRE SHALL BE RUN WITH THE CIRCUIT CONDUCTORS IN EACH CONDUIT.
- ALL BREAKER SIZES, SHOWN FOR MECHANICAL EQUIPMENT, SHALL BE VERIFIED BEFORE THE PURCHASE OR INSTALLATION OF SAID EQUIPMENT, WITH THE EQUIPMENT SUPPLIER AND THE MECHANICAL CONTRACTOR.
- ALL WORK AND MATERIAL SHALL BE PROVIDED IN ACCORDANCE WITH THE STATE, LOCAL AND NATIONAL CODES, ORDINANCES AND 2020 NATIONAL ELECTRICAL CODE (NFPA 70).
- EACH CONTRACTOR SHALL PROVIDE HIS OWN SUPPORT OF ALL DEVICES AND EQUIPMENT PROVIDED BY HIM AND SHALL SUPPORT SUCH EQUIPMENT PER APPROVED GOVERNING CODES OR PER APPROVAL OF THE ENGINEER. UNACCEPTABLE WORKMANSHIP OR MATERIALS SHALL BE REPLACED AT THE REQUEST OF THE ENGINEER AT THE CONTRACTOR'S EXPENSE.
- THE MOUNTING HEIGHTS AND LOCATIONS OF ALL WALL MOUNTED OUTLETS AND JUNCTION BOXES SHALL BE REVIEWED AND COORDINATED WITH THE ARCHITECT PRIOR TO INSTALLATION FOR USE WITH THE ACTUAL EQUIPMENT, CASEWORK, AND MILLWORK TO BE FURNISHED.
- THE ELECTRICAL CONTRACTOR SHALL PROVIDE ALL NECESSARY DISCONNECTS, SWITCHES, AND RECEPTACLES UNDER THE ELECTRICAL BID AND SHALL INCLUDE ALL NECESSARY CIRCUITS TO AND FINAL CONNECTIONS TO THE EQUIPMENT PROVIDED BY ALL SUPPLIERS. SEE DETAILS FOR CONNECTION TO EQUIPMENT PROVIDED BY MECHANICAL AND PLUMBING CONTRACTORS.
- PENETRATION:
 - WHERE ELECTRICAL EQUIPMENT PENETRATES RATED WALLS AND CEILINGS, EXTERIOR WALLS, THEY SHALL BE PROPERLY SEALED PER APPROVED UL METHODS.
 - WHERE ELECTRICAL EQUIPMENT PENETRATES EXTERIOR WALLS, THEY SHALL BE PROPERLY SEALED WITH METHODS APPROVED BY THE ENGINEER. SUBMIT DETAIL OF PROPOSED SEALING METHODS.
- ALL PERMITS AND INSPECTION FEES SHALL BE SECURED AND PAID BY THE ELECTRICAL CONTRACTOR.
- ALL WORK SHALL BE PERFORMED BY A LICENSED ELECTRICAL CONTRACTOR.
- THE CONTRACTOR SHALL PROVIDE COMPLETE UPDATED TYPED WRITTEN PANEL SCHEDULES FOR ALL PANELBOARDS.
- AS BUILT DRAWINGS SHALL BE GIVEN TO THE OWNER AT THE COMPLETION OF THE PROJECT.
- THE CONTRACTOR SHALL VERIFY THE CEILING TYPES WITH THE GENERAL CONTRACTOR PRIOR TO THE PURCHASE OF ANY LIGHT FIXTURES SO THAT THE PROPER TRIM WILL BE PROVIDED FOR ALL FIXTURES. ANY DIFFERENCES WILL BE THE RESPONSIBILITY OF THIS CONTRACTOR.
- ALL WIRE SIZES INDICATED ON THE PANEL SCHEDULES ARE BASED ON 75 DEGREE COPPER THINWALL WIRE. ALL WIRE TERMINALS AND EQUIPMENT SHALL BE LISTED AND APPROVED FOR 75°C. ONLY THINWALL WIRE SHALL BE INSTALLED IN WET AND EXTERIOR LOCATION.
- MINIMUM CONDUIT SIZE SHALL BE 1/2" AND MINIMUM WIRE SIZE SHALL BE #12 AWG.
- ARMORED CABLE (TYPE AC) AND METAL-CLAD CABLE (TYPE MC) ARE ACCEPTABLE WIRING METHODS SUBJECT TO THE FOLLOWING RESTRICTIONS:
 - SEE NEC 320 AND 330 FOR RESTRICTION.
 - PENETRATIONS OF RATED WALLS SHALL BE IN ACCORDANCE WITH APPROVED UL PENETRATION METHODS.
 - CABLE SHALL NOT BE USED FOR HOME RUN TO PANEL BOARD.
 - CABLE SHALL ONLY BE INSTALLED IN CONCEALED SPACE AND FLURRED AREAS. MAX LENGTH OF EACH SECTION IN ACCESSIBLE CONCEALED CEILING SPACES SHALL NOT EXCEED 10 FT.
 - WHERE REQUIRED BY NEC 517.3, CABLE SHALL BE LISTED FOR THE USE.
- THE MAXIMUM NUMBER OF HOMERUNS IN A CONDUIT SHALL NOT EXCEED THREE (3). FEEDING CIRCUITS WITH SHARED NEUTRAL SHALL BE SWITCHED TOGETHER.
- WHERE OUTLETS ARE SHOWN BACK TO BACK ON RATED WALLS, STAGGER OUTLETS SO THAT THEY ARE SEPARATED BY A MINIMUM OF 24".
- ALL DISCONNECTS SHALL HAVE SEPARATE NEUTRAL AND GROUND BARS.
- ALL PANELS SHALL BE THREE PHASE, FOUR WIRE UNLESS OTHERWISE NOTED.
- BOXES AND CONDUITS SHALL NOT BE INSTALLED RECESSED IN A 3-HOUR OR HIGHER RATED WALL WHEN OUTLETS ARE INDICATED ON THESE WALLS. FIELD COORDINATE CONDUIT AND BOX INSTALLATION.
- FOR ALL RECEPTACLES LOCATED ABOVE COUNTER TOP, MOUNTING HEIGHT SHALL COMPLY WITH ANSI A174, SECTION 308. E.C. SHALL FIELD VERIFY CASEWORK DETAIL WITH ARCHITECT PRIOR TO ROUGH-IN.
- ELECTRICAL IDENTIFICATION:
 - FURNISH AND INSTALL ENGRAVED LAMINATED PHENOLIC NAMEPLATES FOR ALL SAFETY SWITCHES, PANEL BOARDS, TRANSFORMERS, SWITCHBOARDS, MOTOR CONTROL CENTERS AND OTHER ELECTRICAL EQUIPMENT SUPPLIED FOR THE PROJECT FOR IDENTIFICATION.
 - FURNISH AND INSTALL SELF-ADHESIVE PLASTIC TAPE FOR ALL RECEPTACLE AND WALL SWITCH COVER PLATES INDICATING CIRCUIT NUMBERS.
- THE ELECTRICAL CONTRACTOR SHALL FIELD COORDINATE THE INSTALLATION OF THE NEW UNDERGROUND ELECTRICAL SERVICE WITH THE LOCAL UTILITY. THE OWNER SHALL PAY ALL CHARGES FOR THE INSTALLATION OF THE NEW UNDERGROUND UTILITY SERVICE.
- THE ELECTRICAL CONTRACTOR SHALL FIELD COORDINATE THE LOCATION OF HIS TELEPHONE CONDUIT STUB OUTS WITH THE LOCAL TELEPHONE COMPANY PRIOR TO HIS INSTALLING ANY CONDUITS.
- G.C. TO USE ARCHITECT'S LIGHT FIXTURE SELECTIONS IF THEY DO NOT MATCH SPECIFICATIONS IN THIS DOCUMENT.

2018 NORTH CAROLINA ENERGY CODE

ELECTRICAL SYSTEM AND EQUIPMENT METHOD OF COMPLIANCE: PRESCRIPTIVE

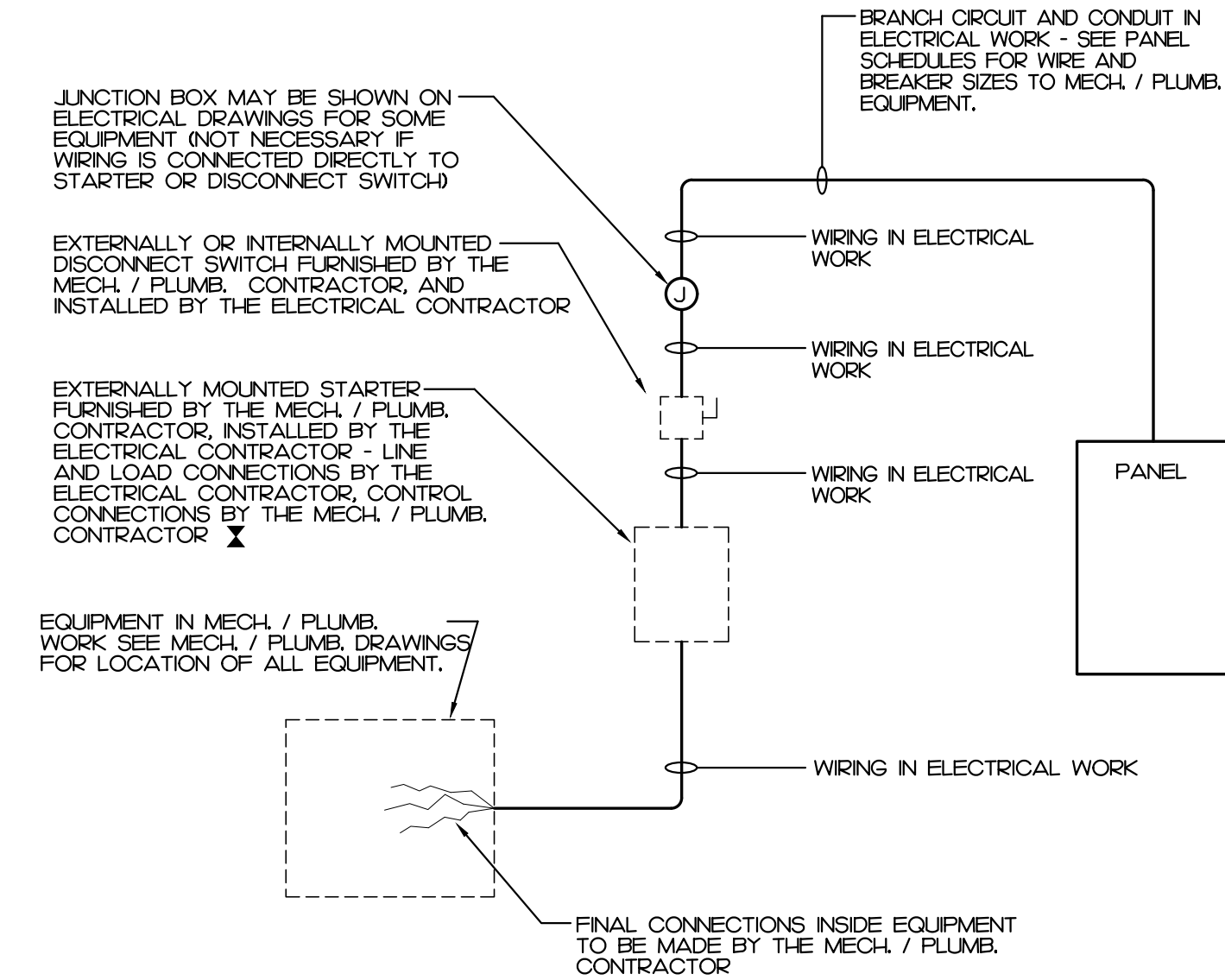
LAMP TYPE REQUIRED: NUMBER OF LAMPS: BALLAST TYPE USED: NUMBER OF BALLASTS: TOTAL WATTAGE PER FIXTURE:	LIGHTING SCHEDULE:			
	FLUORESCENT T8/T5	LED	CFL	INCAN
N/A	SEE	N/A	N/A	
N/A	FIXTURE	N/A	N/A	
N/A	SCHEDULE	N/A	N/A	
N/A		N/A	N/A	

	SPECIFIED	ALLOWED BY CODE
INTERIOR WATTAGE		4144
MEDICAL		4144
TOTAL	3686	3730 **
EXTERIOR WATTAGE	ZONE 3	
ALLOWANCE	362	750

- NOTES:**
- ** PER SECTION C406.3, THE WHOLE AREA ALLOWED BY CODE IS REQUIRED TO BE 10% LOWER THAN THOSE CALCULATED PER SECTION C406.4.2.
 - VALUE CALCULATE PER SECTION C406.4.2: 4144 WATTS
 - VALUE PER SECTION C406.3: 3730 WATTS
 - ALL EXTERIOR LIGHTS:
 - CONTROLLED BY PHOTOCELL THAT WILL NOT INTENDED TO BE ON FOR 24 HOUR OPERATION.

DESIGNER STATEMENT:
TO THE BEST OF MY KNOWLEDGE AND BELIEF, THE DESIGN OF THIS BUILDING COMPLIES WITH THE ELECTRICAL SYSTEM AND EQUIPMENT REQUIREMENTS OF THE NORTH CAROLINA STATE BUILDING CODE, 2018 - ENERGY.

SIGNED: DAVID J. WHITEY, P.E.
TITLE: ENGINEER



- NOTES:**
- ✕ A COMBINATION STARTER MAY BE USED IN LIEU OF A SEPARATE DISCONNECT SWITCH AND STARTER
 - E.C. SHALL FURNISH ALL REQUIRED FUSES.

WIRING TO MECHANICAL AND PLUMBING EQUIPMENT

NOT TO SCALE

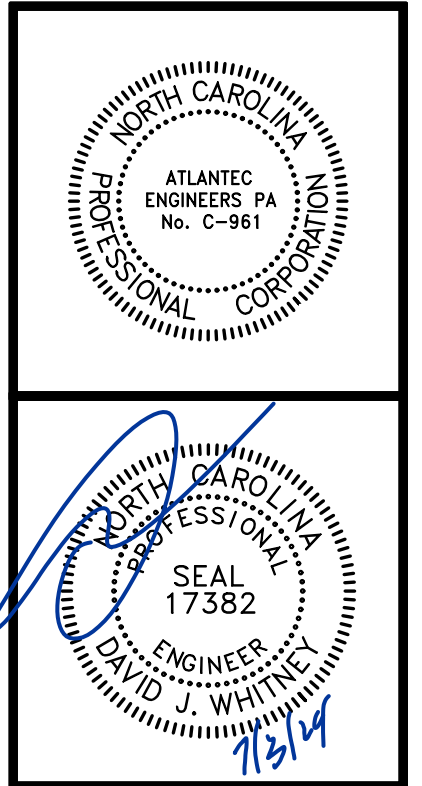
LIGHT FIXTURE SCHEDULE

TYPE	DESCRIPTION	CATALOG	ELECTRICAL DATA	NOTES
A	2X4 LED DIRECT/INDIRECT FIXTURE 4000 LUMEN	LITHONIA- 2AVL4-40LSE-MDR-EZH-LP835	4000 LUMEN LED, 3500K 0-10V ELECTRONIC DIMMING DRIVER 47 WATTS - 52 VA, 120-277V	
B	2X2 LED DIRECT/INDIRECT FIXTURE 3000 LUMEN	LITHONIA- 2AVL2-30LSE-MDR-EZH-LP835	3000 LUMEN LED, 3500K 0-10V ELECTRONIC DIMMING DRIVER 34 WATTS - 38 VA, 120-277V	
C	2X4 LED FLAT PANEL FIXTURE 4000 LUMEN	LITHONIA- CPAL-2X4-AL06-SWW7-M2	4000 LUMEN LED, 3500K 0-10V ELECTRONIC DIMMING DRIVER 45 WATTS - 50 VA, 120-277V	
D	4" RECESSED CAN LIGHT 2495 LUMEN	WAC LIGHTING- R4PRDT-930-3000K-90-WT	2495 LUMEN LED, 3000K ELECTRONIC DRIVER 25 WATTS - 27 VA, 120-277V	
F	LED PENDANT LIGHT	WAC LIGHTING- DS-PD06-N80-*	3600 LUMEN LED, 3000K ELECTRONIC DRIVER 35 WATTS - 39 VA, 120-277V	
G	SURFACE MOUNT DISC	WAC LIGHTING- FM-8RN-930-WT	2250 LUMEN LED, 3000K ELECTRONIC DRIVER 28 WATTS - 32 VA, 120V	
H	4" LED STRIP LIGHT	LITHONIA- CLX-L48-4000LM-SEF-MVOLT-GZIO-39K-80CRI	4000 LUMEN LED, 3500K 0-10V ELECTRONIC DIMMING DRIVER 36 WATTS - 40 VA, 120-277V	
J	6" RECESSED CAN LIGHT 1500 LUMEN	LITHONIA- LDN6-35/15-L06AR-TR-MVOLT	1500 LUMEN LED, 3500K 0-10V ELECTRONIC DIMMING DRIVER 18 WATTS - 20 VA, 120-277V	
JE	6" RECESSED CAN LIGHT 1500 LUMEN WITH EMERGENCY INVERTER BACKUP	LITHONIA- LDN6-35/15-L06AR-TR-MVOLT	1500 LUMEN LED, 3500K 0-10V ELECTRONIC DIMMING DRIVER 18 WATTS - 20 VA, 120-277V	FIXTURE TO SERVE AS EMERGENCY EXTERIOR LIGHTING. CONNECT INVERTER CONTROL AHEAD OF PHOTOCELL CONTROL.
K	EXTERIOR WALL MOUNT FIXTURE	WAC LIGHTING- WS-W36614-AL	1140 LUMEN LED, 3000K ELECTRONIC DRIVER 21 WATTS - 23 VA, 120-277V	
KE	EXTERIOR WALL MOUNT FIXTURE WITH EMERGENCY INVERTER BACKUP	WAC LIGHTING- WS-W36614-AL	1140 LUMEN LED, 3000K ELECTRONIC DRIVER 21 WATTS - 23 VA, 120-277V	FIXTURE TO SERVE AS EMERGENCY EXTERIOR LIGHTING. CONNECT INVERTER CONTROL AHEAD OF PHOTOCELL CONTROL.
EG	EMERGENCY LIGHT	LITHONIA- ELM2L-SDRT	2 WATTS - 2 VA, 120/277V	
EGX	EMERGENCY WITH EXIT LIGHT 1 SIDE RED LETTER	LITHONIA- LHQM-SD	5 WATTS - 5 VA, 120-277V	
EH	EXTERIOR EMERGENCY LIGHT LISTED FOR WET LOCATION	LITHONIA- AFF-OEL-TR-FCT	11 WATTS - 12 VA, 120/277V	

- NOTES:**
- SEE ARCHITECTURAL PLAN FOR MOUNTING LOCATION AND HEIGHT. FIELD COORDINATE MOUNTING HEIGHT WITH ARCHITECT IF NOT SHOWN ON ARCHITECTURAL PLAN.
 - E.C. SHALL SUBMIT CATALOG TO ARCHITECT FOR APPROVAL PRIOR PURCHASE ANY FINISH COLOR/TRIM SUBJECT TO BE CHANGED PER ARCHITECT.



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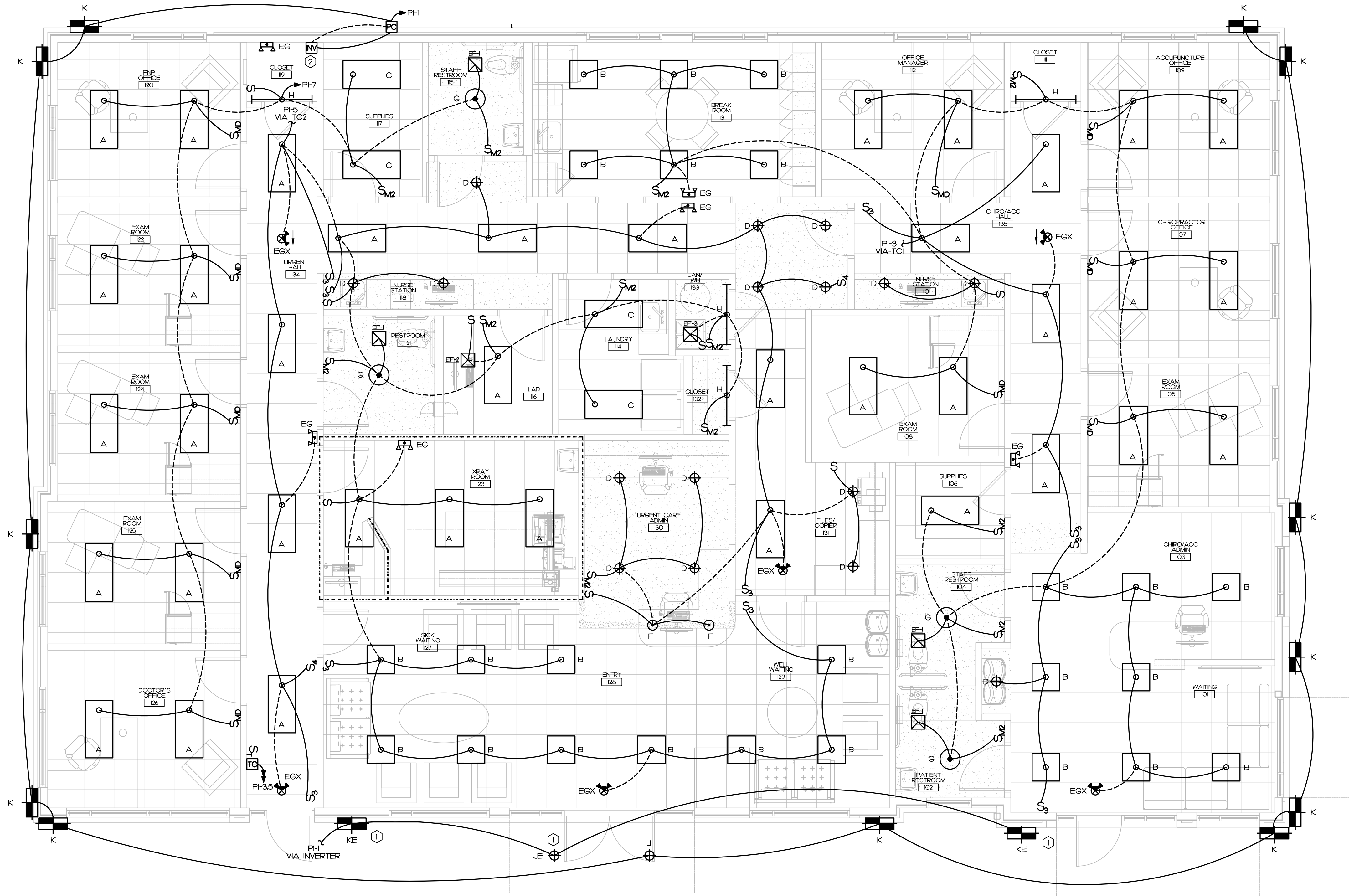
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PROJECT: 2344
DATE: 7/3/24
DRAWN BY: SWM
CHECKED BY: DWK

SYMBOL LEGEND,
GENERAL NOTES,
DETAILS
E0.0

LIGHTING KEY NOTES

- ① FIXTURE TO BE USED AS EXTERIOR EMERGENCY LIGHT. CONNECT INVERTER CONTROL AHEAD OF PHOTOCELL CONTROL.
- ② EMERGENCY INVERTER FOR EXTERIOR EMERGENCY LIGHTS. FIELD COORDINATE EXACT LOCATION PRIOR TO ROUGH-IN.

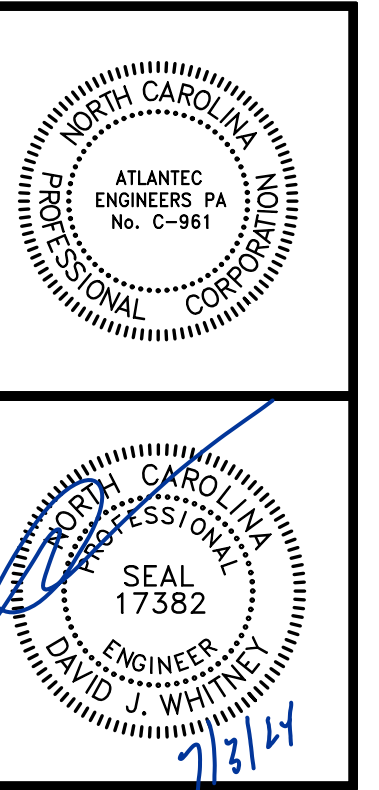


MEDICAL FACILITY NOTES:

1. FACILITY DESIGN IS FOR A DOCTOR OFFICE, GENERAL PRACTITIONER. DESIGN IS NOT FOR A HOSPITAL, NURSING HOME OR AMBULATORY CARE FACILITY. NO SPECIAL POWER SYSTEMS HAVE BEEN DESIGNED FOR PATIENT LIFE SAFETY.
2. PER NEC 517.33, THERE IS NOT A REQUIREMENT FOR A CRITICAL POWER BRANCH IN THIS FACILITY.
3. WIRING IN ALL EXAM ROOMS AND PATIENT CARE AREAS SHALL COMPLY WITH NEC 517.13.
4. NO INVASIVE PROCEDURES OR PROCEDURES THAT IF INTERRUPTED SHOULD THREATEN A PATIENTS LIFE ARE PERFORMED.
6. THERE ARE NO OVERNIGHT STAYS IN ANY BEDROOMS THIS FACILITY.
7. INHALATION ANESTHESIAS ARE NOT ADMINSTRATED.



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ANGIER MEDICAL COMPLEX
BUILDING 2
ANGIER, NC

REVISIONS

NO.	DESCRIPTION

PROJECT: 2344
DATE: 7/3/24
DRAWN BY: SWM
CHECKED BY: DJW

LIGHTING PLAN

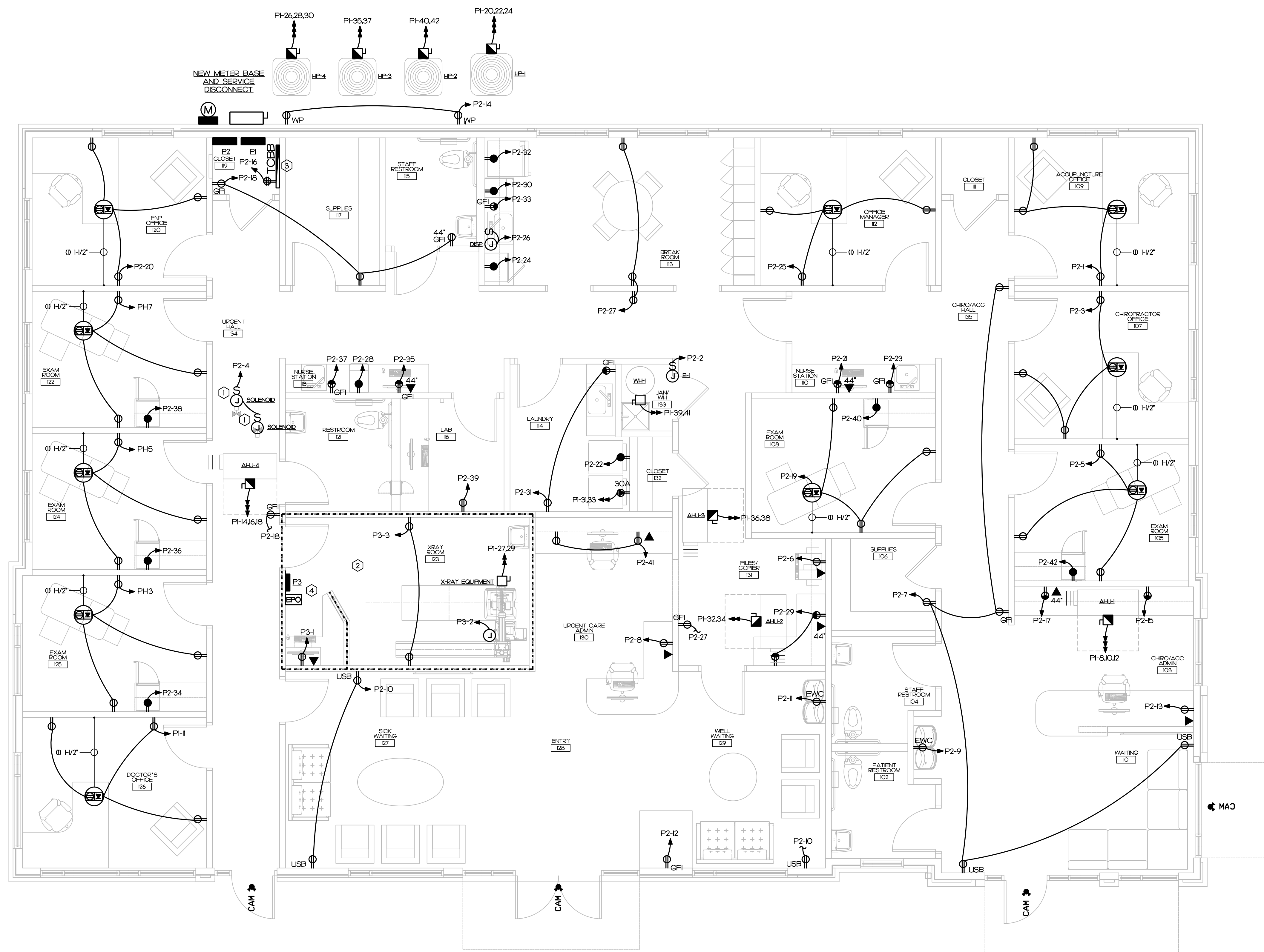
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1 LIGHTING PLAN

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

POWER KEY NOTES

- ① POWER FOR SOLENOID VALVE, FIELD COORDINATE LOCATION WITH PLUMBING CONTRACTOR PRIOR TO ROUGH-IN
- ② POWER FOR X-RAY EQUIPMENT, THIS IS BASED OFF INFORMATION RECEIVED FROM THE OWNER, COORDINATE LOCATION OF X-RAY EQUIPMENT AND X-RAY REQUIREMENTS WITH OWNER PRIOR TO ROUGH-IN
- ③ COMMUNICATION BOARD,
 - STUB 2" EMPTY CONDUITS TO PROPERTY LINE PER TELEPHONE COMPANY, PROVIDE WITH PULLWIRE.
 - PROVIDE GROUND BAR AND #166 CU IN 1/2" TO PANEL.
 - MOUNT RECEPTACLE ON BOARD TO ACCOMMODATE EQUIPMENT.
- ④ PROVIDE SURFACE MOUNTED LOAD CENTER AND MUSH-ROOM TYPE EPO BUTTON TO TRIP THE X-RAY SHUNT TRIP BREAKER, FIELD COORDINATE ALL REQUIREMENTS, CONTRACTOR MAY NEED TO VISIT THE EXISTING LOCATION TO SURVEY THE EXISTING UNIT AND WIRING

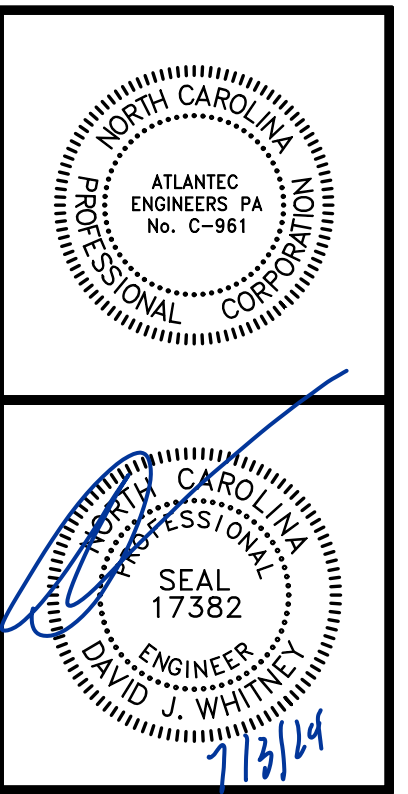


MEDICAL FACILITY NOTES:

1. FACILITY DESIGN IS FOR A DOCTOR OFFICE, GENERAL PRACTITIONER, DESIGN IS NOT FOR A HOSPITAL, NURSING HOME OR AMBULATORY CARE FACILITY. NO SPECIAL POWER SYSTEMS HAVE BEEN DESIGNED FOR PATIENT LIFE SAFETY.
2. PER NEC 517.33, THERE IS NOT A REQUIREMENT FOR A CRITICAL POWER BRANCH IN THIS FACILITY.
3. WIRING IN ALL EXAM ROOMS AND PATIENT CARE AREAS SHALL COMPLY WITH NEC 517.13.
4. NO INVASIVE PROCEDURES OR PROCEDURES THAT IF INTERRUPTED SHOULD THREATEN A PATIENTS LIFE ARE PERFORMED.
6. THERE ARE NO OVERNIGHT STAYS IN ANY BEDROOMS THIS FACILITY.
7. INHALATION ANESTHESIA ARE NOT ADMINSTRATED.



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ANGIER MEDICAL COMPLEX
BUILDING 2
ANGIER, NC

REVISIONS

NO.	DESCRIPTION

PROJECT: 2344
DATE: 7/3/24
DRAWN BY: SWM
CHECKED BY: DJW

POWER PLAN

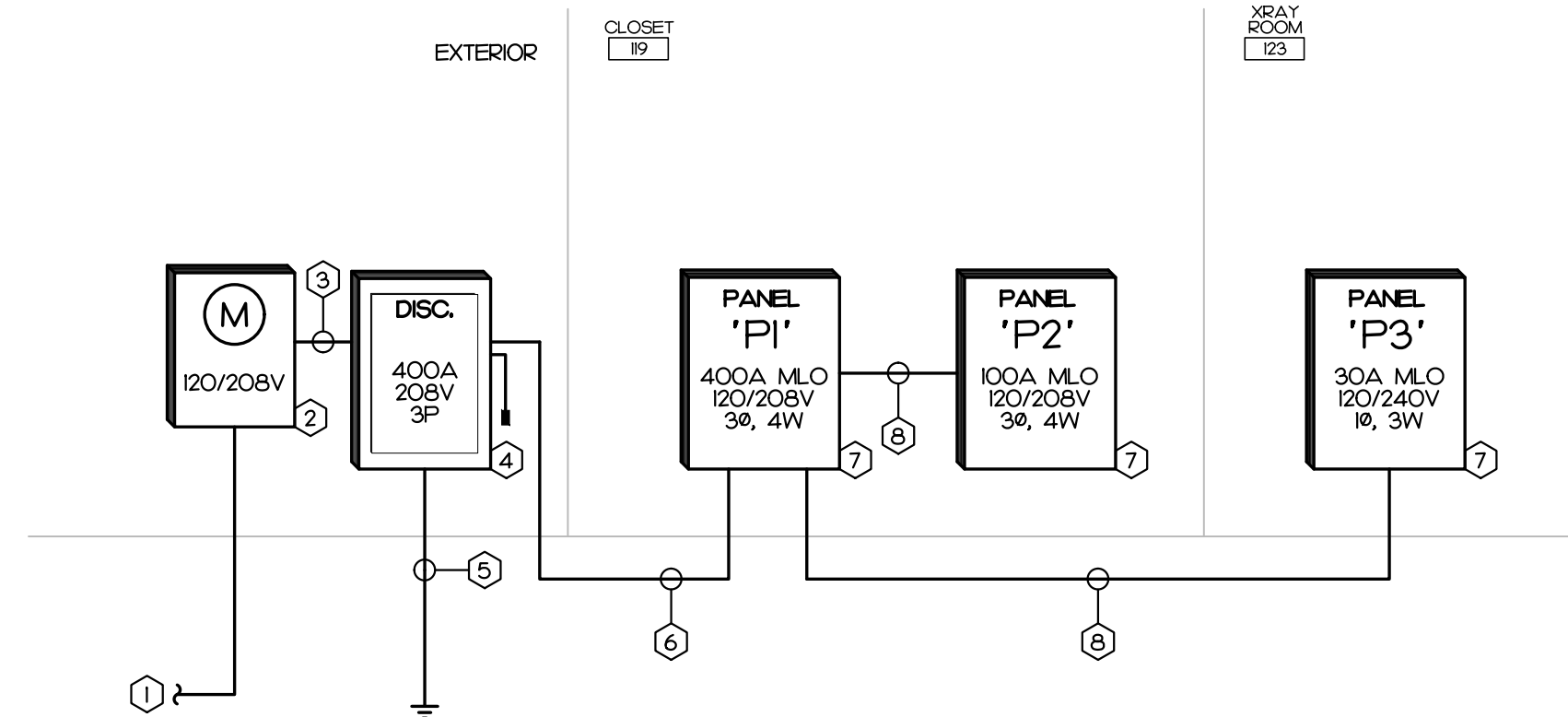
E1.1

1 POWER PLAN

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

KEY NOTES

- 1 NEW 120/208V, 3ø, 4W UNDERGROUND SERVICE CONDUCTORS:
 - (2) SETS OF (4) #3/0 IN 2" CONDUITS
 - E.C. TO PROVIDE A PRICE PER FOOT.
 - IF LOCAL UTILITY PROVIDES UNDERGROUND SERVICE CONDUCTORS, E.C. TO PROVIDE OWNER WITH A CREDIT
- 2 NEW METER BASE ACCORDING TO LOCAL UTILITY
- 3 NEW SERVICE ENTRANCE CONDUCTORS:
 - (2) SETS OF (4) #3/0 IN 2" CONDUITS
- 4 PROVIDE A 400A, 208 VOLT, 3-POLE, NEMA 3R FUSED SERVICE RATED DISCONNECT. FUSE AT 400 AMPS WITH MINIMUM 100K/50% RATED CURRENT LIMITING FUSES, E.C. SHALL FIELD VERIFY AVAILABLE MAXIMUM FAULT CURRENT WITH UTILITY AND PROVIDE LABEL INDICATING THE CURRENT ON DISCONNECT PER NEC 10.24(A).
- 5 NEW GROUNDING ELECTRODE CONDUCTORS PER NEC 250:
 - (1) #2G IN 1/2" CONDUIT TO BUILDING STEEL, C.W. MAIN IF AVAILABLE
 - (1) #4G IN 1/2" CONDUIT TO 2" DRIVEN RODS
 - (1) #4G IN 1/2" CONDUIT TO REINFORCED STEEL AT CONCRETE FOOTING IF AVAILABLE
- 6 NEW FEEDER:
 - (2) SETS OF (4) #3/0, (1) #3G IN 2" CONDUITS
- 7 NEW PANELBOARD. SEE PANEL SCHEDULE FOR DETAILS
- 8 NEW FEEDER. SEE PANEL SCHEDULE FOR DETAILS



1 POWER RISER

NOT TO SCALE

PANEL P1 120/208V, 3 PHASE, 4 WIRE

CKT	DESCRIPTION	KVA	C	G	W	CB	CKT	CKT	CB	W	G	C	KVA	DESCRIPTION	CKT
1	LIGHTS EXTERIOR	0.4	1/2	1/2	1/2	20	1	2	100	3	8	1 1/4	8.2	PANEL P2	2
3	LIGHTS 104-103	1.6	1/2	1/2	1/2	20	3	4	3P	3	--	--	9.1		4
5	LIGHTS 114-118, 127-133	1.9	1/2	1/2	1/2	20	5	6	--	3	--	--	10.2	AH-U	8
7	LIGHTS 119-126	0.7	1/2	1/2	1/2	20	7	8	45	8	--	1	4.3		10
9	REC 123	0.2	1/2	1/2	1/2	20	9	10	3P	8	--	--	4.3	AH-U-4	14
11	REC 124	0.7	1/2	1/2	1/2	20	11	12	--	8	--	--	4.3		16
13	REC 125	0.7	1/2	1/2	1/2	20	13	14	30	10	10	3/4	2.9		18
15	REC 124	0.7	1/2	1/2	1/2	20	15	16	3P	10	--	--	2.9		20
17	REC 122	0.7	1/2	1/2	1/2	20	17	18	--	10	--	--	2.9		22
19	SPARE	0.0	--	--	--	20	19	20	30	10	10	3/4	1.8	HP-4	24
21	SPARE	0.0	--	--	--	20	21	22	3P	10	--	--	1.8		26
23	PANEL P3	1.2	3/4	10	10	30	23	24	--	10	--	--	1.8		28
25		0.5	--	--	10	2P	25	26	20	12	12	1/2	1.3	HP-4	30
27	X-RAY POWER	9.6	1/4	6	1/0	100	27	28	3P	12	--	--	1.3		32
29		9.6	--	--	1/0	2P	29	30	--	12	--	--	1.3	AH-U-2	34
31	DRYER	2.5	3/4	10	10	30	31	32	40	8	10	1	3.7	AH-U-3	36
33		2.5	--	--	10	2P	33	34	2P	8	--	--	3.7		38
35	HP-3	1.5	3/4	10	10	25	35	36	40	8	10	1	3.7	HP-2	40
37		1.5	--	--	10	2P	37	40	25	10	10	3/4	1.3		42
39	WH-1	2.3	3/4	10	10	30	39	42	2P	10	--	--	1.3		
41		2.3	--	--	10	2P	41								

DESCRIPTION	CONNECTED KVA	DEMAND FACTOR	DEMAND KVA
CONT. LOAD	4.25	125%	5.31
RECEPTACLE	10.44	100%/50%	10.22
MTRS/COOLS	24.84	100%	24.84
HEATS	29.60	100%	29.60
WATER HEATER	4.50	100%	4.50
EQUIPMENT	41.20	100%	41.20
KITCHEN EQUIP.	0.00	65%	0.00
SPECIAL EQ.	0.00	100%	0.00
25% OF LARGEST HVAC/MOTOR			3.23
TOTAL DEMAND			18.90

400 A MINIMUM BUS SIZE
MAIN LUGS ONLY
22 K MINIMUM AIC RATING

NOTES:
1. SQUARE D® NO
2. E.C. TO PROVIDE GFCI BREAKER
3. E.C. TO PROVIDE SHUNT TRIP BREAKER. CONNECT POWER FOR SHUNT FROM CIRCUIT P3-4

CONNECTED LOADS	
PHASE A¹	31.5 KVA
PHASE B¹	41.2 KVA
PHASE C¹	42.1 KVA
TOTAL¹	114.8 KVA
DEMAND	330 AMP

PANEL P2 120/208V, 3 PHASE, 4 WIRE

CKT	DESCRIPTION	KVA	C	G	W	CB	CKT	CKT	CB	W	G	C	KVA	DESCRIPTION	CKT
1	REC 109	0.7	1/2	1/2	1/2	20	1	2	20	12	12	1/2	0.5	RECIRC PUMP	2
3	REC 107	0.7	1/2	1/2	1/2	20	3	4	20	12	12	1/2	1.0	SOLENOID VALVES	4
5	REC 105	0.7	1/2	1/2	1/2	20	5	6	20	12	12	1/2	1.0	PRINTER	6
7	REC 101, 106	0.7	1/2	1/2	1/2	20	7	8	20	12	12	1/2	0.2	REC 127, 129	10
9	REC EWC	1.0	1/2	1/2	1/2	20	9	10	20	12	12	1/2	0.5	REC 129	12
11	REC EWC	1.0	1/2	1/2	1/2	20	11	12	20	12	12	1/2	1.5	REC 129	12
13	REC 103	0.2	1/2	1/2	1/2	20	13	14	20	--	--	--	0.0	SPARE	14
15	REC 103	0.2	1/2	1/2	1/2	20	15	16	20	12	12	1/2	0.4	REC 105B	16
17	REC 103	0.2	1/2	1/2	1/2	20	17	18	20	12	12	1/2	0.2	REC 15-19	18
19	REC 108	0.7	1/2	1/2	1/2	20	19	20	20	12	12	1/2	0.7	REC 120	20
21	REC 10	0.2	1/2	1/2	1/2	20	21	22	20	12	12	1/2	1.0	WASHER	22
23	REC 10	0.2	1/2	1/2	1/2	20	23	24	20	12	12	1/2	1.0	NOTE 2	24
25	REC 12	0.7	1/2	1/2	1/2	20	25	26	20	12	12	1/2	1.0	NOTE 2	26
27	REC 13, 134	0.7	1/2	1/2	1/2	20	27	28	20	12	12	1/2	1.0	NOTE 2	28
29	REC 131	0.4	1/2	1/2	1/2	20	29	30	20	12	12	1/2	1.0	NOTE 2	30
31	REC 114	0.4	1/2	1/2	1/2	20	31	32	20	12	12	1/2	1.0	NOTE 2	32
33	REC 113	0.2	1/2	1/2	1/2	20	33	34	20	12	12	1/2	1.0	NOTE 2	34
35	REC 118	0.2	1/2	1/2	1/2	20	35	36	20	12	12	1/2	1.0	NOTE 2	36
37	REC 118	0.2	1/2	1/2	1/2	20	37	38	20	12	12	1/2	1.0	NOTE 2	38
39	REC 116	0.2	1/2	1/2	1/2	20	39	40	20	12	12	1/2	1.0	NOTE 2	40
41	REC 130	0.4	1/2	1/2	1/2	20	41	42	20	12	12	1/2	1.0	NOTE 2	42

DESCRIPTION	CONNECTED KVA	DEMAND FACTOR	DEMAND KVA
CONT. LOAD	0.00	125%	0.00
RECEPTACLE	10.44	100%/50%	10.22
MTRS/COOLS	0.00	100%	0.00
HEATS	0.00	100%	0.00
WATER HEATER	0.00	100%	0.00
EQUIPMENT	17.00	100%	17.00
KITCHEN EQUIP.	0.00	65%	0.00
SPECIAL EQ.	0.00	100%	0.00
25% OF LARGEST HVAC/MOTOR			0.00
TOTAL DEMAND			27.22

100 A MINIMUM BUS SIZE
MAIN LUGS ONLY
10 K MINIMUM AIC RATING

NOTES:
1. SQUARE D® NO
2. E.C. TO PROVIDE GFCI BREAKER

CONNECTED LOADS	
PHASE A¹	8.2 KVA
PHASE B¹	9.1 KVA
PHASE C¹	10.2 KVA
TOTAL¹	27.4 KVA
DEMAND	76 AMP

PANEL P3 120/240V, 1 PHASE, 3 WIRE

CKT	DESCRIPTION	KVA	C	G	W	CB	CKT	CKT	CB	W	G	C	KVA	DESCRIPTION	CKT
1	REC 123	0.2	1/2	1/2	1/2	20	1	2	20	12	12	1/2	1.0	TABLE	2
3	REC 123	0.4	1/2	1/2	1/2	20	3	4	20	12	12	1/2	0.1	X-RAY SHUNT TRIP	4

DESCRIPTION	CONNECTED KVA	DEMAND FACTOR	DEMAND KVA
CONT. LOAD	0.00	125%	0.00
RECEPTACLE	0.54	100%/50%	0.54
MTRS/COOLS	0.00	100%	0.00
HEATS	0.00	100%	0.00
WATER HEATER	0.00	100%	0.00
EQUIPMENT	1.0	100%	1.0
KITCHEN EQUIP.	0.00	65%	0.00
SPECIAL EQ.	0.00	100%	0.00
25% OF LARGEST HVAC/MOTOR			0.00
TOTAL DEMAND			1.64

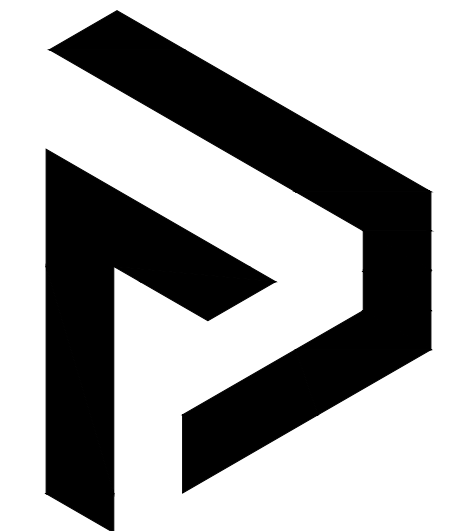
30 A MINIMUM BUS SIZE
MAIN LUGS ONLY
10 K MINIMUM AIC RATING

NOTES:
1. SQUARE D® NO LOAD CENTER

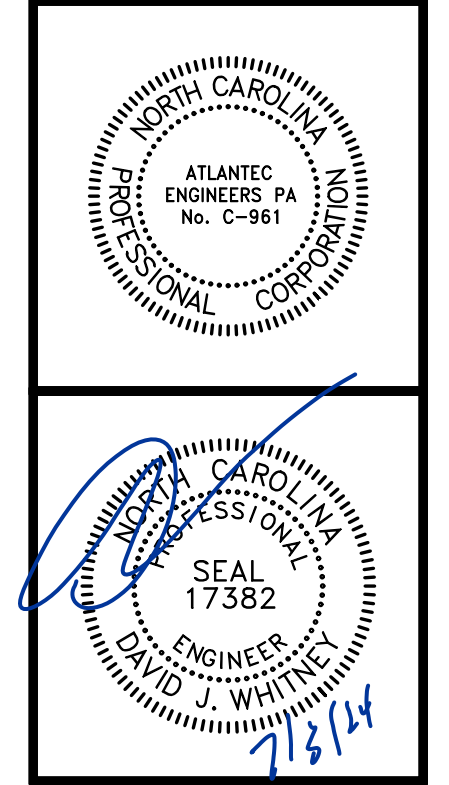
CONNECTED LOADS	
PHASE A¹	1.2 KVA
PHASE B¹	0.5 KVA
TOTAL¹	1.6 KVA
DEMAND	8 AMP

2 PANEL SCHEDULES

NOT TO SCALE



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ANGIER MEDICAL COMPLEX
BUILDING 2
ANGIER, NC

REVISIONS

NO.	DESCRIPTION

PROJECT: 2344
DATE: 7/3/24
DRAWN BY: SWM
CHECKED BY: DVM

POWER RISER,
PANEL SCHEDULE

E2.0