

HEARTLAND DENTAL

WINTER GARDEN

AVALON & MARSH RD

WINTER GARDEN, FL 34787

PROJECT NOTES

GENERAL NOTES

- DO NOT SCALE DRAWINGS. USE WRITTEN DIMENSIONS ONLY. SUBMIT ANY DISCREPANCIES TO THE ARCHITECT FOR CLARIFICATION.
- ALL WORK SHALL BE IN COMPLIANCE WITH THE STANDARD BUILDING RECOGNIZED INDUSTRY STANDARDS, CRAFTSMANSHIP STANDARDS IN THE AREA, ALL MANUFACTURER RECOMMENDATIONS, AND ALL OTHER APPLICABLE CODES.
- PROVIDE ACCESSIBILITY FOR THE PHYSICALLY HANDICAPPED CONFORMING TO THE AMERICANS WITH DISABILITIES ACT OF 2010. TO THE BEST OF OUR KNOWLEDGE, THIS BUILDING HAS BEEN DESIGNED IN ACCORDANCE WITH THE 2020 FAC AND THE RULES AND REGULATIONS OF NEW CONSTRUCTION PER ADA.
- THE CONTRACTOR(S) SHALL BE RESPONSIBLE FOR BUILDING THIS PROJECT IN ACCORDANCE WITH THE DRAWINGS AND SPECIFICATIONS UNLESS A WRITTEN NOTIFICATION FROM THE OWNER OR ARCHITECT TO THE CONTRARY IS RECEIVED.
- THE ARCHITECT DOES NOT GUARANTEE THE PERFORMANCE OF THE PROJECT IN ANY RESPECT OTHER THAN THAT OUR ARCHITECTURAL WORK AND JUDGEMENT RENDERED MEETS THE STANDARDS OF CARE OF OUR PROFESSION.
- THE LOCATION OF THE EXISTING UTILITIES AND STRUCTURES SHOWN HEREON ARE APPROXIMATE. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THE EXISTENCE AND ACTUAL LOCATION OF SUCH, WHETHER SHOWN HEREON OR NOT, PRIOR TO ANY EXCAVATION. ANY DAMAGES SHALL BE REPAIRED AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR SHALL PROVIDE ADEQUATE BRACING AND SHORING FOR ALL WORK DURING THE CONSTRUCTION PERIOD.
- PROVIDE ILLUMINATED EXIT SIGNS WITH BATTERY BACKUP DESIGNATING EXITS AND WAYS OF TRAVEL THERETO.
- THE FLOOR ON BOTH SIDES OF AN INTERIOR DOOR SHALL BE LEVEL AND SHALL HAVE THE SAME ELEVATION ON BOTH SIDES OF THE DOOR, FOR A DISTANCE ON EACH SIDE EQUAL TO THE WIDTH OF THE WIDEST SINGLE DOOR.
- DOORS IN EXITS SHALL NOT BE SUBJECT TO THE USE OF A KEY FOR OPERATION FROM THE INSIDE OF THE BUILDING.
- EVERY INTERIOR AND EXTERIOR DOOR IN THE BUILDING SHALL BE PROVIDED WITH HANDICAP HARDWARE (LEVERS, PANIC HARDWARE, OR U-SHAPE DESIGNED DEVICES, ETC.)
- PROVIDE J-MOLDS AND CORNER BEADS AT THE EDGES OF ALL EIFS SYSTEMS AND GYPSUM BOARD.
- PROVIDE CONTINUOUS BLOCKING IN ALL STUD WALLS THAT ARE TO RECEIVE GRAB BARS, TOILET PARTITIONS, ETC.
- ALL METAL STUD GAUGE DESIGN SHALL BE AS REQUIRED BY PERFORMANCE AND AS INDICATED IN THE DRAWINGS.
- PROVIDE SEPARATION BETWEEN ALL DISSIMILAR METALS INCLUDING SCREWS, NAILS AND OTHER FASTENING DEVICES.
- WHERE MATERIAL FASTENERS ARE NOT INDICATED, PROVIDE AS SPECIFIED BY THE MATERIAL MANUFACTURER'S RECOMMENDATIONS AND PROCEDURES.
- ALL WALLS TO BE ANCHORED BY POWER ACTUATED FASTENERS.
- USE ONLY LEAD-FREE PIPE AND SOLDER FOR DOMESTIC WASTE SYSTEM (SAFE DRINKING WATER ACT OF 1986 AND S.S.P.C. SECTION 1210.1.4).
- GENERAL CONTRACTOR SHALL TREAT THE SOIL BENEATH THE TENANT/SITE SPACE WITH TERMITES POISON PER MANUFACTURER'S RECOMMENDATIONS.
- ALL WOOD THAT IS IN DIRECT CONTACT WITH CEMENT, MASONRY OR EARTH SHALL BE PRESSURE TREATED.
- BUILDING SIGNAGE IS TO BE PERMITTED UNDER SEPARATE COVER.

GYPSUM BOARD WALLS AND CEILINGS SHALL BE INSTALLED PER THE GYPSUM CONSTRUCTION HANDBOOK, 6TH EDITION. LEVELS OF FINISH PER THE FOLLOWING:

- LEVEL 1: IN CONCEALED SPACES, PLENUMS ABOVE CEILINGS, SERVICE CORRIDORS AND SPACES NOT OPEN TO PUBLIC VIEW
- LEVEL 2: IN WAREHOUSE AND STORAGE SPACES
- LEVEL 3: IN AREAS TO RECEIVE HEAVY TEXTURED WALL FINISHES, COMMERCIAL GRADE (HEAVY-DUTY) WALL COVERING

- LEVEL 4: IN AREAS TO RECEIVE FLAT PAINTS, LIGHT TEXTURES, RESIDENTIAL (LIGHT-DUTY) WALL COVERING
- LEVEL 5: IN AREAS TO RECEIVE GLOSS, SEMI-GLOSS, OR ENAMEL PAINTS, UNTEXTURED FINISHES AND IN CRITICAL LIGHTING AREAS.

FIRE PROTECTION NOTES

- FIRE BARRIER SHALL BE CONTINUOUS FROM OUTSIDE WALL TO OUTSIDE WALL, FROM A FIRE BARRIER TO ANOTHER FIRE BARRIER, OR A COMBINATION THEREOF, INCLUDING CONTINUITY THROUGH ALL CONCEALED SPACES SUCH AS THOSE FOUND ABOVE A CEILING, INCLUDING INTERSTITIAL SPACES.
- PASSAGES OF PIPES, CONDUITS, BUS DUCTS, CABLES, WIRES, AIRDUCTS, PNEUMATIC DUCTS, AND SIMILAR BUILDING SERVICE EQUIPMENT THROUGH FIRE BARRIERS SHALL BE PROTECTED AS FOLLOWS:
 - THE SPACE BETWEEN PENETRATING ITEM AND FIRE BARRIER SHALL BE FILLED WITH A MATERIAL CAPABLE OF MAINTAINING THE FIRE RESISTANCE RATING OF THE FIRE BARRIER PRODUCT. PRODUCT USED MUST MEET TEST METHODS ASTM E814 OR UL 1479 FOR FIRE RATING (PER 714.4.1.2 & 714.5.1.2 FBC 2020)
 - FIRE BARRIERS SHALL BE EFFECTIVELY AND PERMANENTLY IDENTIFIED WITH 2" STENCILING (AT 12" O.C.) ABOVE ANY DECORATIVE CEILING AND CONCEALED SPACES WITH THE FOLLOWING:
 - FIRE/SMOKE BARRIER
 - PROTECT ALL OPENINGS
- PROVIDE AT LEAST 1 CLASS ABC 5 POUND FIRE EXTINGUISHER TO BE MOUNTED WHERE READILY VISIBLE AND ACCESSIBLE. ADDITIONAL UNITS MAY BE REQUIRED TO MEET A 75 FT. TRAVEL DISTANCE LIMITATION. INSTALL IN ACCORDANCE WITH NFPA 101 OR PER LOCAL AUTHORITY.
- WHEN A BEAM OR COLUMN BECOMES PART OF A FIRE RATED WALL OR CEILING IT MUST BE PROTECTED AND BE FIRE RATED AS IS THE WALL OR CEILING.

INSULATION NOTES

- PROVIDE FOIL-FACED BATT TYPE INSULATION IN EXTERIOR STUD WALLS TO MEET MINIMUM R-19
- FLAMESPREAD AND SMOKE DEVELOPMENT RATINGS FOR BATT INSULATION VAPOR RETARDER SHALL BE AS FOLLOWS
 - FLAMESPREAD: 25
 - SMOKE DEVELOPMENT: 450

JOINTS AND SEALANT NOTES

- PROVIDE CONTINUOUS WATERPROOFING SILICONE BASED SEALANT AND BACKER ROD AT ALL STOREFRONT AND MASONRY JUNCTIONS AND TERMINATIONS. SEALANT SHALL MATCH STOREFRONT FASTENING DEVICES.
- PROVIDE CONTINUOUS SEALANT AND BACKER ROD AT ALL JUNCTIONS BETWEEN DISSIMILAR MATERIALS, I.E. BRICK TO EIFS ETC. DOW/CORNING #790
- THE METAL EDGE SECUREMENT, EXCEPT GUTTER, SHALL BE INSTALLED AS TESTED IN ACCORDANCE WITH MOST CURRENT VERSION OF THE ANSIPR1 EX-1, AMERICAN NATIONAL STANDARD FOR EDGE SYSTEMS USED WITH LOW-SLOPE ROOFING SYSTEMS
- PROVIDE STANDING SEAM JOINTS AT ALL COPING SLICES FOR THERMAL EXPANSION. ALL SEAMS SHALL BE SEALED WITH DOW/CORNING #795 TYP.
- PROVIDE CLOSURE END CAPS AND 90 DEGREE TRANSITIONS AT ALL EXPANSION JOINTS AND END WALL CAPS AT GRAVELSTOPS, TYP.
- ALL METAL VENTS AND FLUES SHALL BE FLASHED WITH PORTALS PLUS FLASHING BOOT, TYP. SEAL ALL METAL TO METAL CONNECTIONS WITH DOW/CORNING #795 (NOTE: NO CLEAR SILICONE SEALANT SHALL BE ALLOWED)
- ANCHOR ALL PRESSURE TREATED WOOD BLOCKING AT TOP OF MASONRY WALLS UNDER COPING WITH 3/8" DIA. HOT DIPPED GALVANIZED ANCHORS AT 32" O.C.
- ALL EXTERIOR JOINTS IN THE BUILDING ENVELOPE THAT ARE SOURCES OF AIR LEAKS SHALL BE CAULKED, GASKETED, WEATHER STRIPPED, OR OTHERWISE SEALED IN ACCORDANCE WITH SPECIFICATIONS
- PROVIDE CONTROL JOINTS IN GYPSUM BOARD PER ASTM C-840 AND GA-216-10

STATEWIDE PRODUCT APPROVAL SUBMITTAL

MANUFACTURER	PRODUCT CATEGORY	APPROVAL NUMBER	PRODUCT MODEL NO. OR NAME	SERIES	ATTACHMENT METHOD	APPROVAL ENTITY	APPROVAL DATE
CARLISLE SYNTec SYSTEMS	ROOFING	FL1601-R12	1601.1 EPDM SINGLE PLY ROOF SYSTEMS	SYSTEM NUMBER "W-1"	SURE-SEAL HP FASTENER WITH SURE-SEAL INSULATION PLATE, MIN. 1-INCH WOOD PENETRATION, 1 PER 2.0 SQ. FT.	FLORIDA	10/13/2020
DRYVIT SYSTEMS, INC.	WALL PANELS	FL2030-R11	2030.5 DRYVIT OUTSULATION SYSTEM	N/A	NO. 6 X 1-1/4" BUGLE HEAD SCREWS SPACED AT 4" O.C. ALONG VERTICAL STUDS	FLORIDA	04/20/2021
CECO DOOR PRODUCTS	EXTERIOR DOORS	FL16355-R3	16355.2 FLUSH SINGLE COMMERCIAL STEEL DOORS	ASSEMBLY 6	(4) T4A3386 NRP 4-1/2" X 4-1/2" HINGES	FLORIDA	06/20/2023
YKK AP AMERICA	EXTERIOR DOORS	FL12892-R6	12892.3 35D OUTSWING SYSTEM (HVHZ) (NON-IMPACT)	STOREFRONT DOORS	(3) PAIR BUTTS - OFFSET PIVOTS BY DOOR SUPPLIER	FLORIDA	08/11/2022
YKK AP AMERICA	PANEL WALLS	FL12926-R8	12926.2 YES 40 FI ALUMINUM STOREFRONT SYSTEM (NON-HVHZ) (NON-IMPACT)	INSULATED STOREFRONT SYSTEM	1/4" DIA. TAPCON OR 1/4" DIA. ULTRACON THRU 1X BUCKS INTO MASONRY WITH 1-1/4" EMBED.	FLORIDA	04/13/2022
MAYNE COATINGS CORP.	PANEL WALLS	FL20075-R3	20075.1 LONGBOARD SIDING	LONGBOARD SIDING	THE SIDING IS ATTACHED USING QUICK-SCREEN CLIPS WITH 2 INCH LONG #8 CORROSION RESISTANT SCREWS THROUGH THE SHEATHING INTO THE STUDS AT A SPACING OF 16 INCHES ON CENTER.	FLORIDA	11/03/2022

DESIGN SUMMARY

SYNOPSIS:

THE SCOPE OF WORK CONSISTS OF GROUND UP BUILDING TO BE LOCATED IN WINTER GARDEN, FL. ALL NEW CONSTRUCTION WILL MATCH THAT ALLOWED IN TYPE II-B CONSTRUCTION.

OCCUPANCY CLASSIFICATION:

FBC CLASSIFICATION - BUSINESS* (DENTAL OFFICE)
LIFE SAFETY CODE CLASSIFICATION - BUSINESS (DENTAL OFFICE)

*PER FBC 303.1.1 & 303.1.2, ALL ROOMS HAVING LESS THAN 50 PEOPLE AND HAVING NO MORE THAN 750 SQ. FT. SHALL BE CLASSIFIED AS SUPPORT SPACE FOR BUSINESS OCCUPANCY.

BUILDING CONSTRUCTION:

CONSTRUCTION TYPE: TYPE II-B (FBC TABLE 503) - NON - SPRINKLED
SPRINKLERED: NO
FIRE ALARM: NO

TENANT AREA:

4,200 SF (GROSS), 3,970 SF (NET)

OCCUPANT LOAD:

4,200 SQ. FT. / 150 SF/PERSON = 28 PERSONS

EGRESS WIDTHS:

28 PERSONS * 0.2 IN/PERSON = 5.6 INCHES REQUIRED, 102 INCHES PROVIDED

PLUMBING CALCULATIONS

WATER CLOSETS - 1 PER 25 FOR THE FIRST 50 AND 1 PER 50 FOR THE REMAINDER EXCEEDING 50

REQUIRED: 1 MALE, 1 FEMALE
PROVIDED: 1 MALE, 1 FEMALE, 1 UNISEX (EMPLOYEE ONLY)

LAVATORIES - 1 PER 40 FOR THE FIRST 80 AND 1 PER 80 FOR THE REMAINDER EXCEEDING 80

REQUIRED: 1 MALE, 1 FEMALE
PROVIDED: 1 MALE, 1 FEMALE, 1 UNISEX (EMPLOYEE ONLY)

DRINKING FOUNTAINS - 1 PER 100

REQUIRED: 1
PROVIDED: 1

SERVICE SINK

REQUIRED: 1
PROVIDED: 1

CONTACTS

TENANT

HEARTLAND DENTAL
1200 NETWORK CENTRE DRIVE
EFFINGHAM, IL 62401
DESIGN/PERMIT CONTACT: VICTORIA HUGHES
PHONE: (513) 262-7113
CONSTRUCTION CONTACT: HEATHER COACH
PHONE: (863) 242-7249

DEVELOPER

WING DEVELOPMENT
1200 NETWORK CENTER DR., STE 3
EFFINGHAM, IL 62401
PHONE: (217) 690-5578

ARCHITECT

FISHER AND ASSOCIATES, LLC
2315 BELLEAIR ROAD
CLEARWATER, FLORIDA 33764
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STRUCTURAL ENGINEERS

CENTER FOR INNOVATIVE STRUCTURES
5706 S. MACDILL AVE.
TAMPA, FLORIDA 33611
PHONE: (813) 835-5311
FAX: (813) 835-5503

MECHANICAL ENGINEERS

COLWILL ENGINEERING
4750 EAST ADAMO DRIVE
TAMPA, FLORIDA 33605
PHONE: (813) 241-2525
FAX: (813) 241-2424

ELECTRICAL ENGINEERS

COLWILL ENGINEERING
4750 EAST ADAMO DRIVE
TAMPA, FLORIDA 33605
PHONE: (813) 241-2525
FAX: (813) 241-2424

CIVIL ENGINEERS

KPM FRANKLIN
630 HAZELTINE NATIONAL DRIVE,
SUITE 118
ORLANDO, FL 32822
PHONE: (407) 410-8624
FAX: (407) 554-4059

APPLICABLE CODES:

BUILDING: FLORIDA BUILDING CODE - 7TH EDITION (2020)
PLUMBING: FLORIDA PLUMBING CODE - 7TH EDITION (2020)
MECHANICAL: FLORIDA MECHANICAL CODE - 7TH EDITION (2020)
ELECTRICAL: NATIONAL ELECTRIC CODE 2017 (NFPA 70)
ACCESSIBILITY: FLORIDA ACCESSIBILITY CODE - 7TH EDITION (2020)
FIRE PROTECTION: FLORIDA FIRE PREVENTION CODE - 7TH EDITION (2020), WITH NFPA-1 & 101, 2018 ED.
ENERGY: FLORIDA BUILDING CODE - 7TH EDITION (2020) - ENERGY CONSERVATION

OCCUPANCY:

CONSTRUCTION TYPE: GROUP B (BUSINESS) (FBC - CHAPTER 3)
ALLOWABLE BUILDING HEIGHT: 55 FEET (TABLE 504.3)
ALLOWABLE NUMBER OF STORIES: 3 STORIES (TABLE 504.4)
ALLOWABLE AREA: 23,000 S.F. (TABLE 506.2)
ACTUAL AREA: 4,200 S.F.

ENERGY CONSERVATION:

BUILDING ENERGY EFFICIENCY IS COMPLIANT WITH CRITERIA AS SET FORTH IN CHAPTER 4 [CE], SECTION C407 "TOTAL BUILDING PERFORMANCE"

PROTECTION: FBC CHAPTER 6 - TABLE 601

PRIMARY STRUCTURAL FRAME: 0
BEARING WALLS: 0
EXTERIOR: 0
INTERIOR: 0
NONBEARING WALLS & PARTITIONS: 0
EXTERIOR: 0
INTERIOR: 0
FLOOR CONSTRUCTION AND SECONDARY MEMBERS: 0
ROOF CONSTRUCTION AND SECONDARY MEMBERS: 0

OCCUPANT LOAD & EGRESS WIDTH ANALYSIS PER: (FBC / NFPA-101) - BUSINESS OCCUPANCY

4,200 S.F. / 150 S.F. PER PERSON = 28 OCCUPANTS
TOTAL OCCUPANTS: 28
EGRESS WIDTH PER OCCUPANT: 2" (FBC TABLE 1005.1)
EGRESS WIDTH REQUIRED: 28 x 2" = 56"
EGRESS WIDTH PROVIDED: 102"

FBC SECTION 603: WALL AND CEILING FINISHES - GROUP B, NON-SPRINKLERED
-CLASS C - CORRIDORS, ROOMS AND ENCLOSED SPACES
FLAME SPREAD 76 - 200; SMOKE DEVELOPED 0 - 450
-CLASS B - EXIT ENCLOSURES AND EXIT PASSAGEWAYS
FLAME SPREAD 26 - 75; SMOKE DEVELOPED 0 - 450

FBC SECTION 804: INTERIOR FLOOR FINISH - GROUP B, NON-SPRINKLERED
DOC FF-1 "PILL TEST" (CPS 16 CFR, PART 1630)

WORK SCOPE:

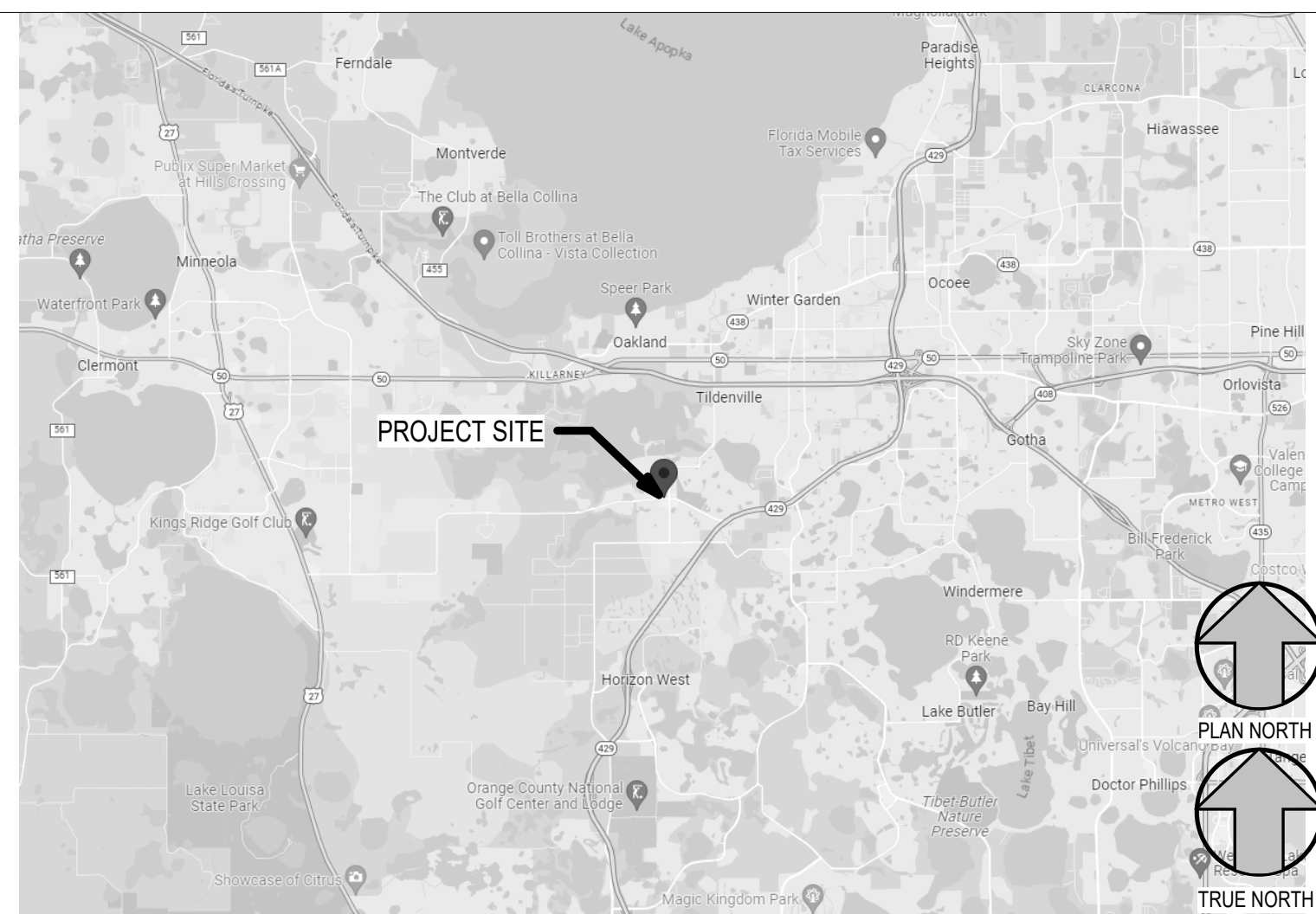
THE SCOPE OF WORK CONSISTS OF A NEW 4,200 S.F. DENTAL OFFICE.

DRAWING INDEX

SHEET	DRAWING NAME	OWNERS REVIEW
10 ARCHITECTURAL		
G001	COVER SHEET	•
G002	GENERAL RESPONSIBILITY MATRIX	•
G003	CODE DATA & LIFE SAFETY PLAN	•
G004	ACCESSIBILITY STANDARDS	•
G005	U.L. DETAILS	•
AS101	ARCHITECTURAL SITE PLAN	•
A100	SHELL FLOOR PLAN	•
A101	FLOOR PLAN & WALL SCHEDULE	•
A110	SHELL REFLECTED CEILING PLAN	•
A111	INTERIOR RCP	•
A120	SHELL ROOF PLAN	•
A121	SHELL ENTRY CANOPY ROOF PLAN	•
A131	FINISH PLAN & SCHEDULES	•
A141	FURNITURE & DECOR PLAN	•
A151	EQUIPMENT PLAN	•
A160	SHELL SIDEWALK PLAN	•
A200	EXTERIOR ELEVATIONS	•
A211	INTERIOR ELEVATIONS	•
A212	INTERIOR ELEVATIONS	•
A213	INTERIOR ELEVATIONS	•
A301	SHELL WALL SECTIONS	•
A302	SHELL WALL SECTIONS	•
A303	SHELL WALL SECTIONS	•
A401	TREATMENT ROOM DETAILS	•
A402	TREATMENT SUITE DETAILS	•
A411	RESTROOM PLANS AND DETAILS	•
A412	RESTROOM PLANS AND DETAILS	•
A501	SHELL CONSTRUCTION DETAILS	•
A502	SHELL CONSTRUCTION DETAILS	•
A503	SHELL CONSTRUCTION DETAILS	•
A504	SHELL CONSTRUCTION DETAILS	•
A505	SHELL CONSTRUCTION DETAILS	•
A506	EXTERIOR DETAILS	•
A511	INTERIOR DETAILS	•
A512	INTERIOR DETAILS	•
A513	INTERIOR DETAILS	•
A521	BLOCKING DETAILS	•
A522	BLOCKING DETAILS	•
A601	DOOR SCHEDULE AND DETAILS	•
A701	SPECIFICATIONS	•
A702	SPECIFICATIONS	•
A703	SPECIFICATIONS	•
A704	SPECIFICATIONS	•
20 STRUCTURAL		
S1.1	FOUNDATION PLAN	•
S2.1	ROOF FRAMING PLAN	•
S3.1	SECTIONS	•
S3.2	SECTIONS	•
S3.3	SECTIONS	•
S4.1	DETAILS	•
S4.2	DETAILS	•
S4.3	DETAILS	•
S5.1	GENERAL NOTES	•
25 MEP		
MEP1	MECHANICAL ZONING PLAN	•
30 MECHANICAL		
M001	MECHANICAL SPECS AND NOTES	•
M101	MECHANICAL PLAN	•
M501	MECHANICAL DETAILS	•
M801	MECHANICAL SCHEDULES	•
40 PLUMBING		
P001	PLUMBING SPECS AND NOTES	•
P101	PLUMBING WASTE & VENT PLAN	•
P102	PLUMBING WATER PLAN	•
P103	PLUMBING MED GAS PLAN	•
P201	PLUMBING ISOMETRIC	•
P501	PLUMBING DETAILS	•
P502	PLUMBING DETAILS	•
P601	PLUMBING SCHEDULES	•
50 ELECTRICAL		
E001	ELECTRICAL LEGEND	•
E101	ELECTRICAL - LIGHTING PLAN	•
E102	ELECTRICAL - POWER PLAN	•
E501	ELECTRICAL SCHEDULES	•
E511	ELECTRICAL DETAILS	•

DESIGN CODES

VICINITY PLAN



FISHER AND ASSOCIATES, LLC
ARCHITECTS
PLANNERS
INTERIOR DESIGNERS

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AA26001738

COVER SHEET
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WINTER GARDEN, FL 34787

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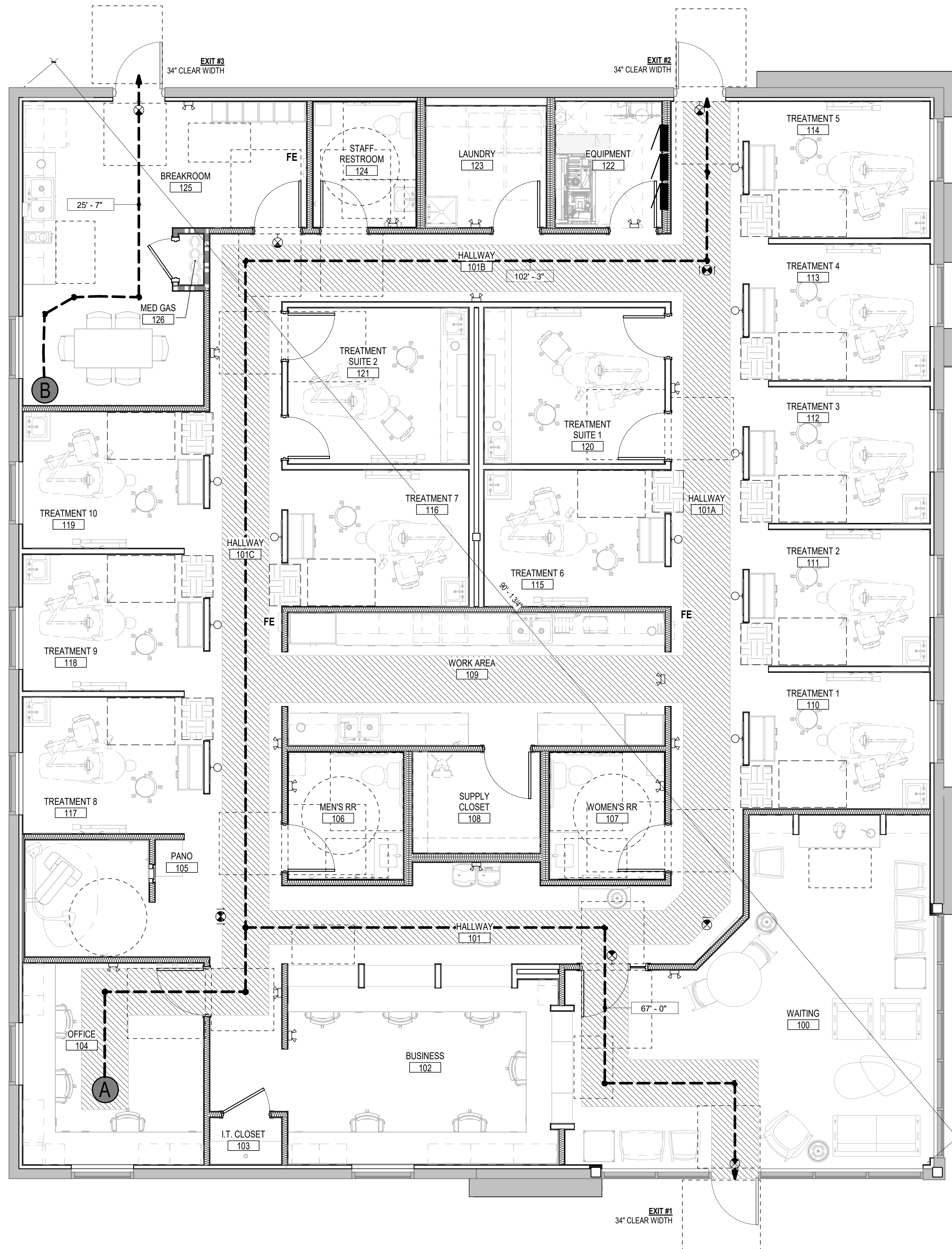
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WILLIAM JOE FISHER
ARCHITECT 0010829

G001

Issue Date: 1/31/23

Project No.: 223001



MALTESE CROSS

OWNER SHALL PROVIDE, AT EACH MAIN ENTRY, THIS APPROVED FIRE SYMBOL, THE MALTESE CROSS®, PRIOR TO RECEIVING A CERTIFICATE OF OCCUPANCY.

PLACEMENT: 24" TO THE LEFT OF EACH MAIN ENTRY.
4'-0" A.F.F., MIN. TO BOTTOM OF SYMBOL.
6'-0" A.F.F., MAX. TO TOP OF SYMBOL.

SIZE: 8"x8" MINIMUM.

COLOR: A BRIGHT RED REFLECTIVE COLOR.

MOUNTING: SYMBOL TO BE PERMANENTLY ATTACHED TO THE FACE OF THE STRUCTURE ON A CONTRASTING BACKGROUND OR MOUNTED ON A CONTRASTING BASE MATERIAL WHICH IS THEN PERMANENTLY ATTACHED TO THE FACE OF THE STRUCTURE.

69A-60.008: NOTICE REQUIRED FOR STRUCTURES WITH LIGHT-FRAME TRUSS TYPE CONSTRUCTION. THE SYMBOL SHALL WARN PERSONS CONDUCTING FIRE CONTROL AND OTHER EMERGENCY OPERATIONS OF THE EXISTENCE OF THE LIGHT FRAME TYPE CONSTRUCTION IN THE STRUCTURE.

1-033

LIFE SAFETY LEGEND	
	FIRE EXTINGUISHER CABINET
	EMERGENCY LIGHT REFER TO ELECTRICAL FOR SPECIFICATIONS
	EXIT LIGHT REFER TO ELECTRICAL FOR SPECIFICATIONS
	PATH OF EGRESS

- #### LIFE SAFETY NOTES
- DISTANCE SHALL NOT EXCEED 200 FT IN BUSINESS OCCUPANCIES; (2012 IBC TABLE 1017.2)
 - COMMON PATH OF TRAVEL SHALL NOT EXCEED 100 FT; (2012 IBC TABLE 1006.2.1)
 - REFER TO FLOOR PLAN, PARTITION SCHEDULE, & UL DETAIL SHEETS
 - FIRE EXTINGUISHER CABINET LOCATIONS ARE SHOWN ON THIS PLAN FOR GENERAL LOCATIONS ONLY
 - ALL STRUCTURAL WOOD PRODUCTS, INCLUDING BUT NOT LIMITED TO PLYWOOD AND BLOCKING TO BE FIRE RETARDANT TREATED.
 - PORTABLE FIRE EXTINGUISHERS SHALL BE IN COMPLIANCE WITH FFPC 7TH EDITION INCLUDING NFPA 1 & 101, 2018 EDITION. THERE SHALL BE A MINIMUM OF ONE EXTINGUISHER PER EVERY 2,500 SQ. FT. MINIMUM SIZE 2A10BC TYPE.
 - EMERGENCY LIGHTING SHALL MEET REQUIREMENTS OF FFPC 7TH EDITION INCLUDING NFPA 1 & 101, 2018 EDITION.

TRAVEL DISTANCES

FROM POINT A TO EXIT #1	67'-0"
FROM POINT A TO EXIT #2	102'-3"
FROM POINT B TO EXIT #3	25'-7"

ACCESSIBILITY LEGEND

	REQUIRED CLEARANCES
	36" MINIMUM CLEAR WIDTH "ACCESSIBLE" ROUTE
	32" MINIMUM CLEAR ACCESSIBLE ROUTE; ALLOWED FOR 24" MAX.
	5'-0" TURNING CIRCLE
	TURNING "T"

- ALL CROSS SLOPES THAT ARE A PORTION OF THE ACCESSIBLE ROUTE SHALL BE A MAXIMUM OF 2% SLOPE.
- ALL PANIC HARDWARE SHALL BE MOUNTED NO HIGHER THAN 48" A.F.F.
- ALL THRESHOLDS AT FLOOR LEVEL CHANGES AND TRANSITIONS SHALL NOT EXCEED 1/2" IN HEIGHT AND SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2
- ALL LIGHT SWITCHES, VOLUME CONTROLS AND THERMOSTATS IN PUBLIC AREAS SHALL BE MOUNTED NO HIGHER THAN 48" A.F.F. TO THE OPERABLE PART U.N.O.
- ALL ACCESSIBLE ELEMENTS ARE TO BE INSTALLED ACCORDING TO THE STANDARDS AND REQUIREMENTS SET FORTH BY THE ACCESSIBILITY CODE REFERENCED ON THE COVER SHEET
- ICC/ANSI A117.1-2009 403.5 ALLOWS REDUCTION IN ACCESSIBLE PATHS LESS THAN 24" LONG

DOOR APPROACH SCHEDULE

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 TO THE BEST OF MY KNOWLEDGE, THE SPECIFICATIONS AND PLANS SHOWN HEREIN COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES IN EFFECT AT THIS TIME.

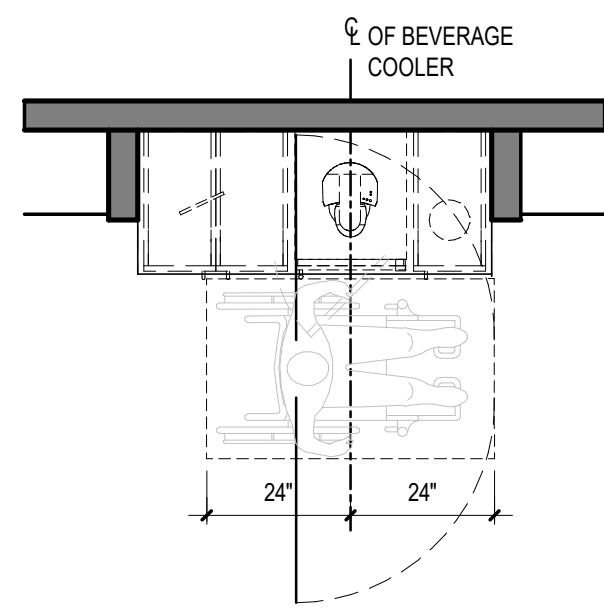
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CODE DATA & LIFE SAFETY PLAN
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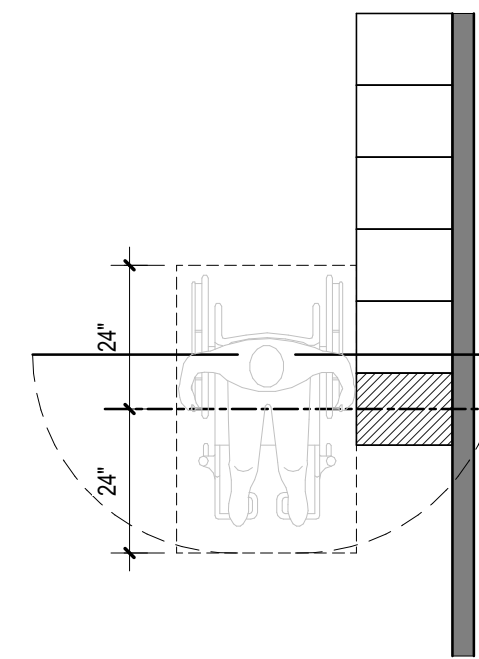
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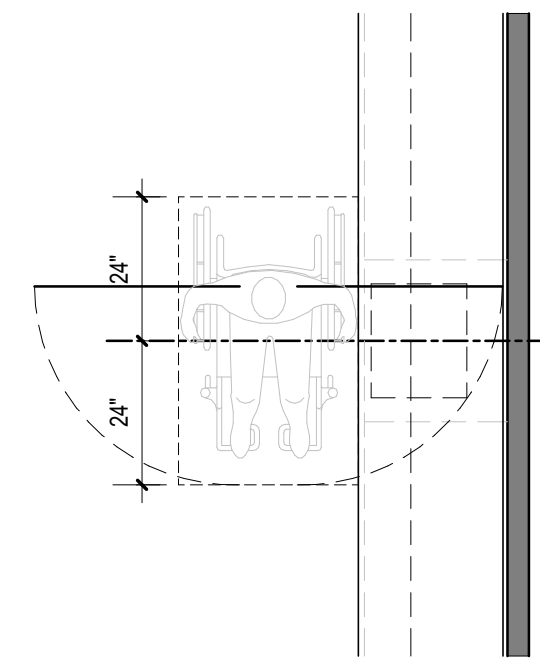
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 Project Date: 1/31/23
 Project No.: 223001



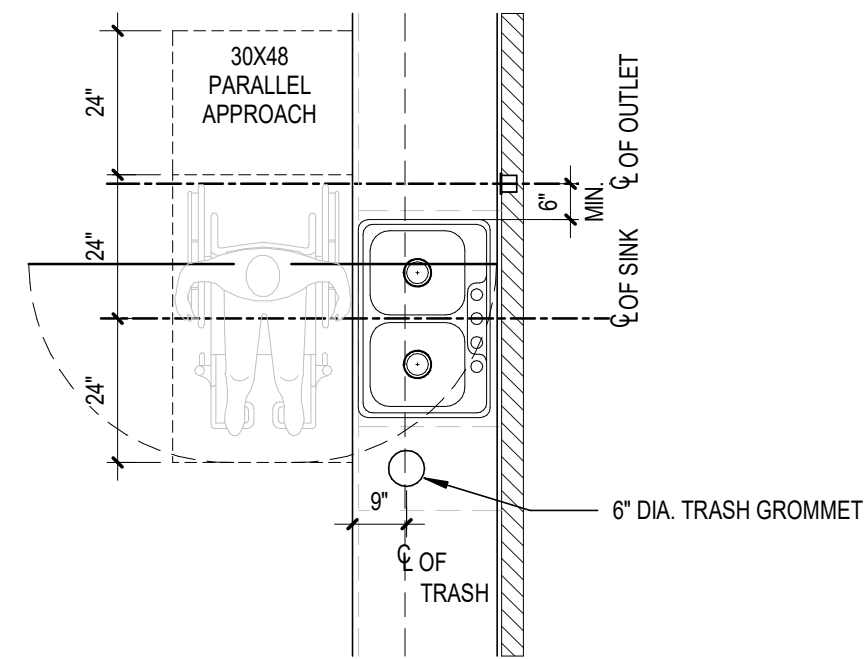
(A) BEVERAGE CENTER: PLAN



(B) LOCKERS: PLAN

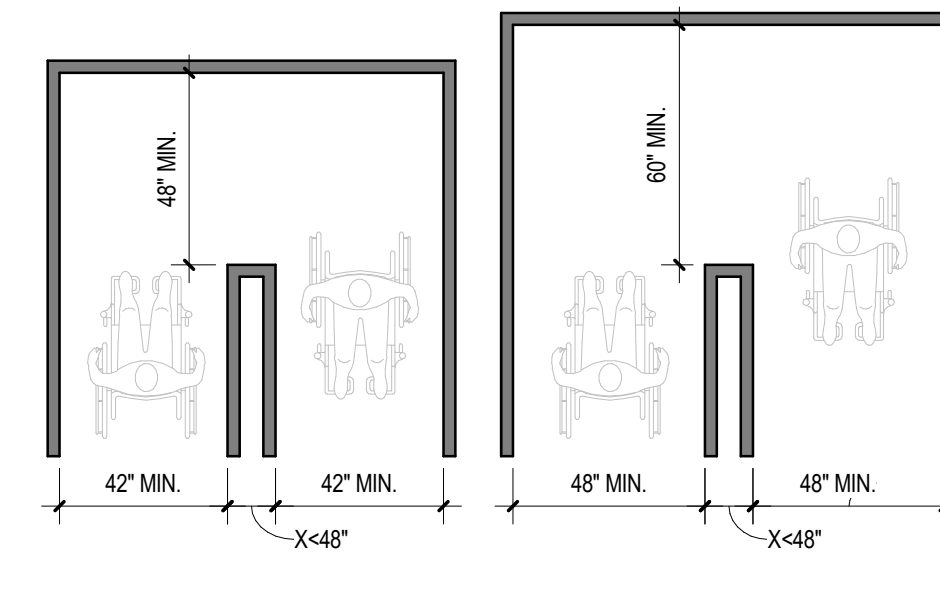


(C) MICROWAVE: PLAN

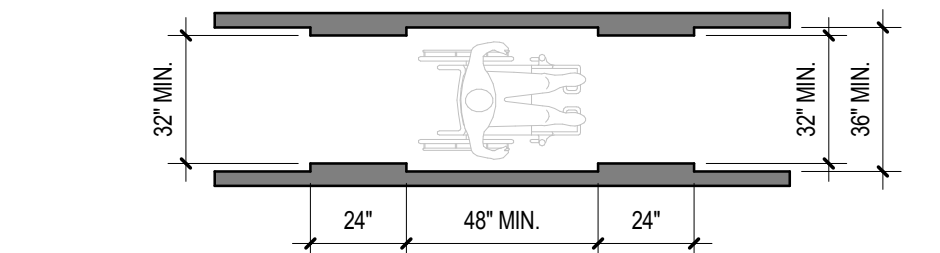


(D) KITCHEN SINK & TRASH: PLAN

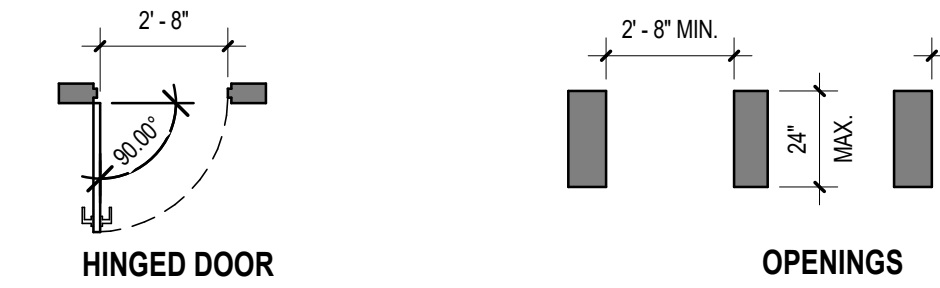
NOTE:
OUTLET AND SWITCHES ARE NOT ALLOWED DIRECTLY OVER SINK. PLACE TO SIDE AND PROVIDE CLEAR FLOOR SPACE AS A PARALLEL APPROACH. SEE PLAN DETAIL.



CLEAR WIDTH AT TURN



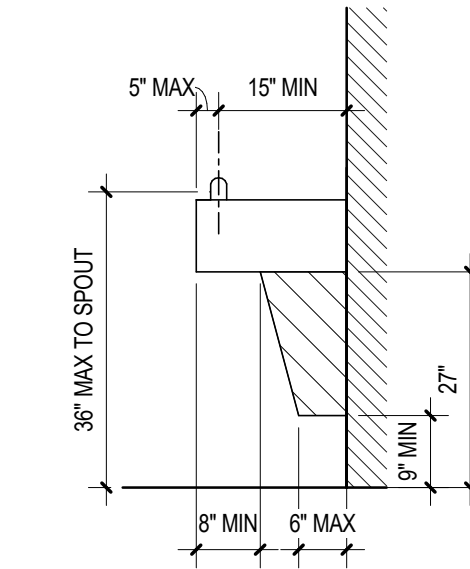
CLEAR WIDTH OF AN ACCESSIBLE ROUTE



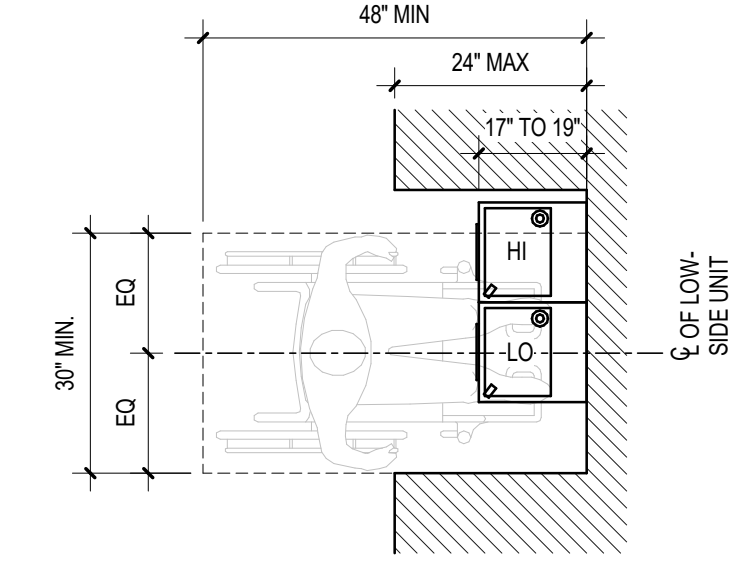
HINGED DOOR

OPENINGS

- GENERAL ACCESSIBILITY NOTES**
1. ACCESSIBLE ACCESS TO THESE FACILITIES SHALL BE PROVIDED AT PRIMARY ENTRANCES.
 2. THE SLOPE AND CROSS SLOPES OF PUBLIC WALKS AND CLEAR FLOOR SPACES SHALL NOT EXCEED MAX. CROSS SLOPE 2%.
 3. WALKING SURFACES SLOPING GREATER THAN 2% SHALL BE SLIP RESISTANT.
 4. ALL THRESHOLDS/FLOOR LEVEL CHANGES AND TRANSITIONS SHALL NOT EXCEED 1/2" IN HEIGHT AND SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.
 5. PROVIDE A 60" x 60" MIN. LANDING ON STRIKE SIDE OF DOOR WITH 44" MINIMUM WIDTH IN DIRECTION OF TRAVEL.
 6. WALKS SHALL EXTEND 24" TO THE SIDE OF THE STRIKE EDGE OF DOOR OR GATE THAT SWINGS TOWARD THE WALK.
 7. EVERY REQUIRED EXIT DOORWAY SHALL BE SIZED FOR A DOOR NOT LESS THAN 3'-0" WIDE BY 6'-8" HIGH CAPABLE OF OPENING 90 DEGREES AND MOUNTED SO THAT THE CLEAR WIDTH OF THE EXIT SHALL BE A MINIMUM OF 32".
 8. MAXIMUM EFFORT TO OPERATE DOORS SHALL NOT EXCEED 5 LBS FOR INTERIOR DOORS AND 15 LBS FOR EXTERIOR DOORS.
 9. THE BOTTOM 10" OF ALL DOORS EXCEPT AUTOMATIC SLIDERS SHALL HAVE A SMOOTH UNINTERRUPTED SURFACE.
 10. THE BUILDING SHALL COMPLY WITH THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN AND ANSI A117.1-2009, INCLUDING BUT NOT LIMITED TO 806 CHAPTER 11.
 11. CONTROLS AND OPERATING MECHANISMS SHALL BE ACCESSIBLE AND HAVE MOUNTING HEIGHTS COMPLYING WITH ANSI 4.27.
 12. ALL LIGHT SWITCHES, VOLUME CONTROLS, AND THERMOSTATS IN PUBLIC AREAS SHALL BE MOUNTED NO HIGHER THAN 48" A.F.F. U.N.O.
 13. ALL PANIC HARDWARE SHALL BE MOUNTED NO HIGHER THAN 48" A.F.F.
 14. ALL ROOM, DIRECTIONAL, AND INFORMATION SIGNS SHALL BE ACCESSIBLE DESIGN COMPLYING WITH ANSI 4.13 AND 4.30.
 15. ICC/ANSI A117.1-2010 403.5 ALLOWS REDUCTION IN ACCESSIBLE PATHS LESS THAN 24" LONG.
 16. FUTURE TENANTS ARE RESPONSIBLE FOR MAINTAINING EXISTING ACCESSIBLE ELEMENTS AND SHALL COMPLY TO ALL CODE REQUIREMENTS AS PART OF THEIR TENANT IMPROVEMENTS.



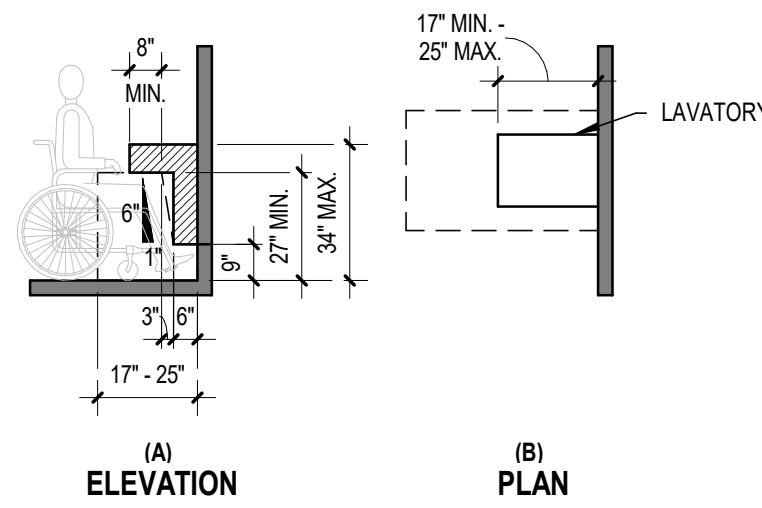
(A) LOW-SIDE SPOUT HEIGHT AND KNEE CLEARANCE



(B) CLEAR FLOOR SPACE

WHERE THE HIGH-SIDE FOUNTAIN PROTRUDES MORE THAN 4" INTO A CIRCULATION PATH, A CANE APRON IS TO BE PROVIDED. REFER TO PLUMBING SCHEDULE FOR SPECIFICATION.

13 G004 ADA APPROACH AND REACH DETAILS - HEARTLAND CASEWORK1
3/8" = 1'-0"



9 G004 LAVATORY AND KNEE CLEARANCE1
1/4" = 1'-0"

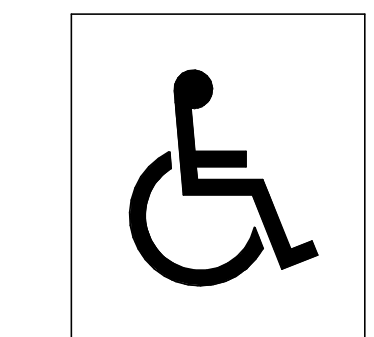


FIGURE 703.6.3.1 INTERNATIONAL SYMBOL OF ACCESSIBILITY

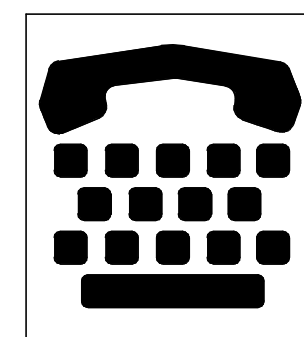


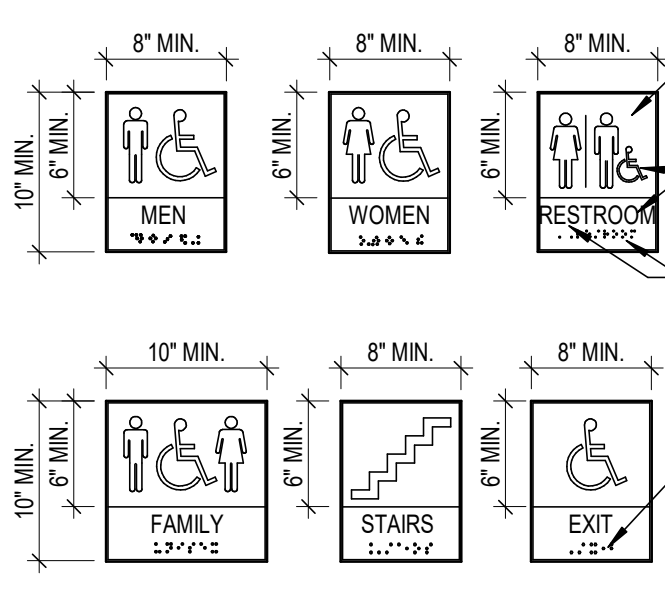
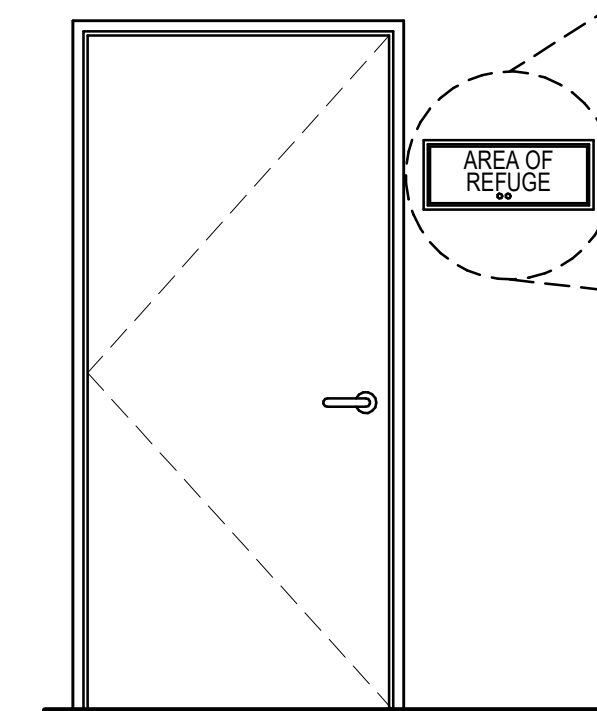
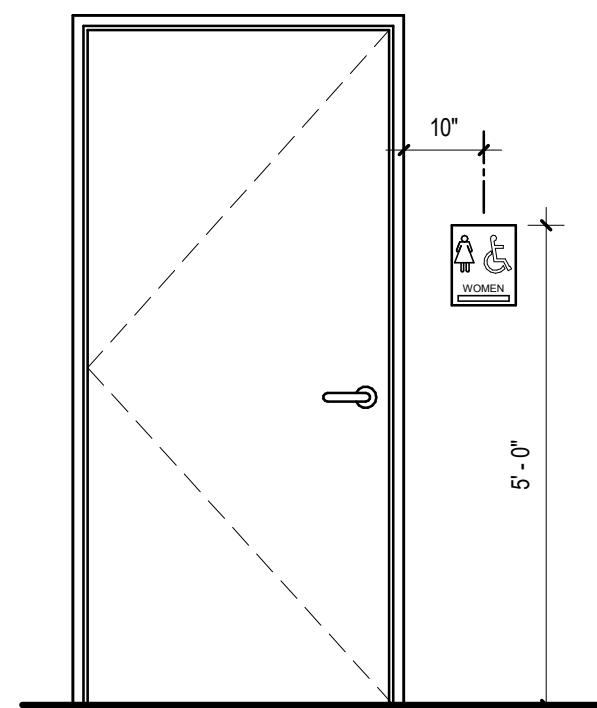
FIGURE 703.6.3.2 INTERNATIONAL SYMBOL FOR TTY



FIGURE 703.6.3.3 INTERNATIONAL SYMBOL OF ACCESS FOR HEARING LOSS



FIGURE 703.6.3.4 VOLUME CONTROL TEMPERATURE



- NOTES:
1) PROVIDE (1) SIGN AT EACH TOILET ROOM COMPLYING WITH ANSI 2009, SECTION 703.
2) PROVIDE (1) TACTILE EXIT SIGN AT EACH EXIT FROM BUILDING.
3) EACH SIGN SHALL HAVE RAISED AND BRAILLE CHARACTERS AND PICTORIAL SYMBOL OF ACCESSIBILITY.
4) ATTACH SIGN PER MANUFACTURER'S INSTALLATION GUIDELINES. SIGN SHALL BE LOCATED ON STRIKE SIDE OF DOOR & MOUNTED SO TOP IS 60" A.F.F.

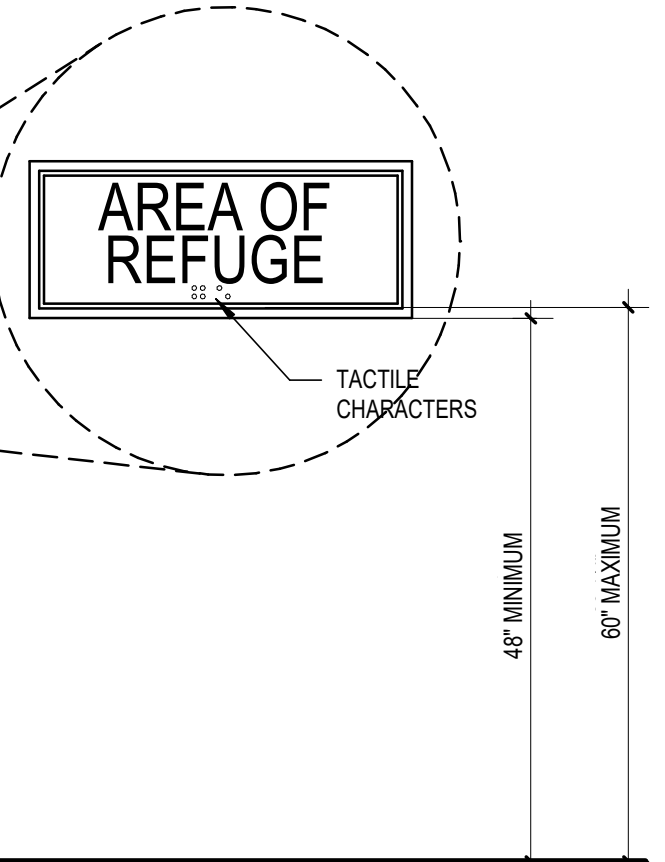


FIGURE 703.4.1 HEIGHT OF TACTILE CHARACTERS ABOVE FINISHED FLOOR OR GROUND

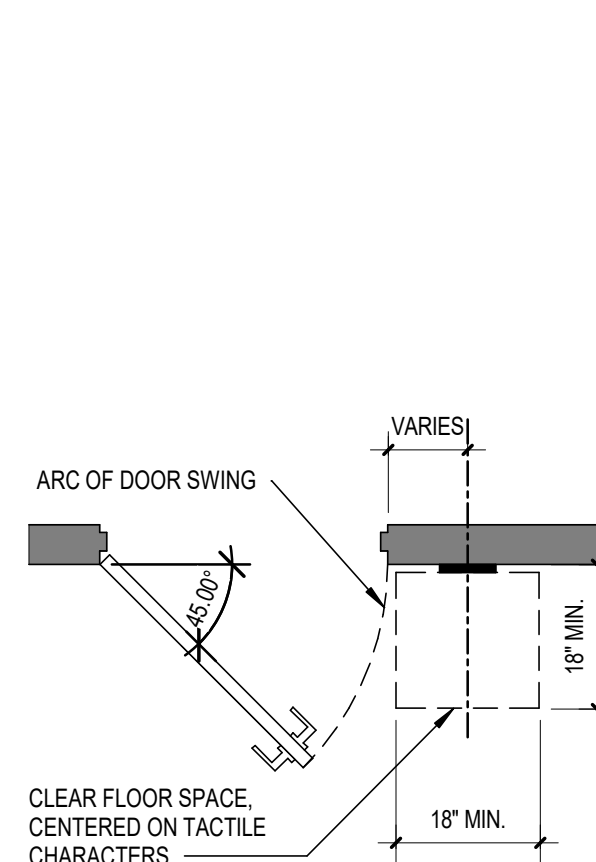
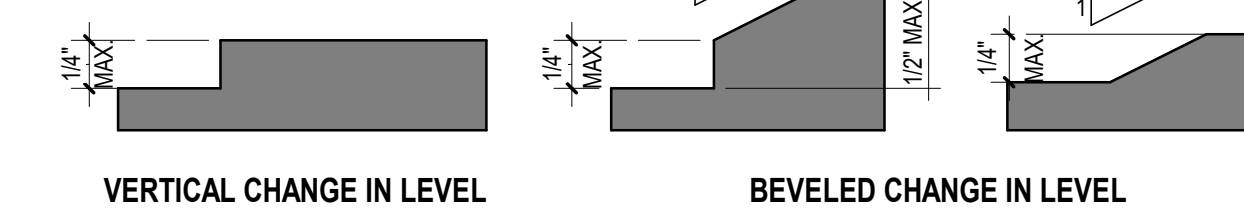
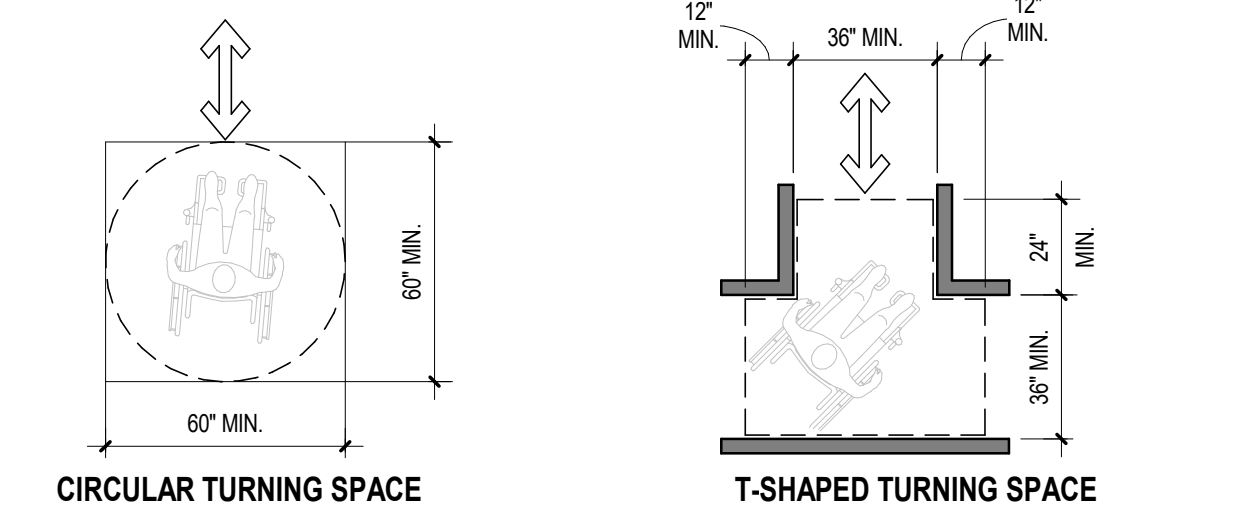


FIGURE 703.4.2 LOCATION OF TACTILE SIGNS AT DOORS

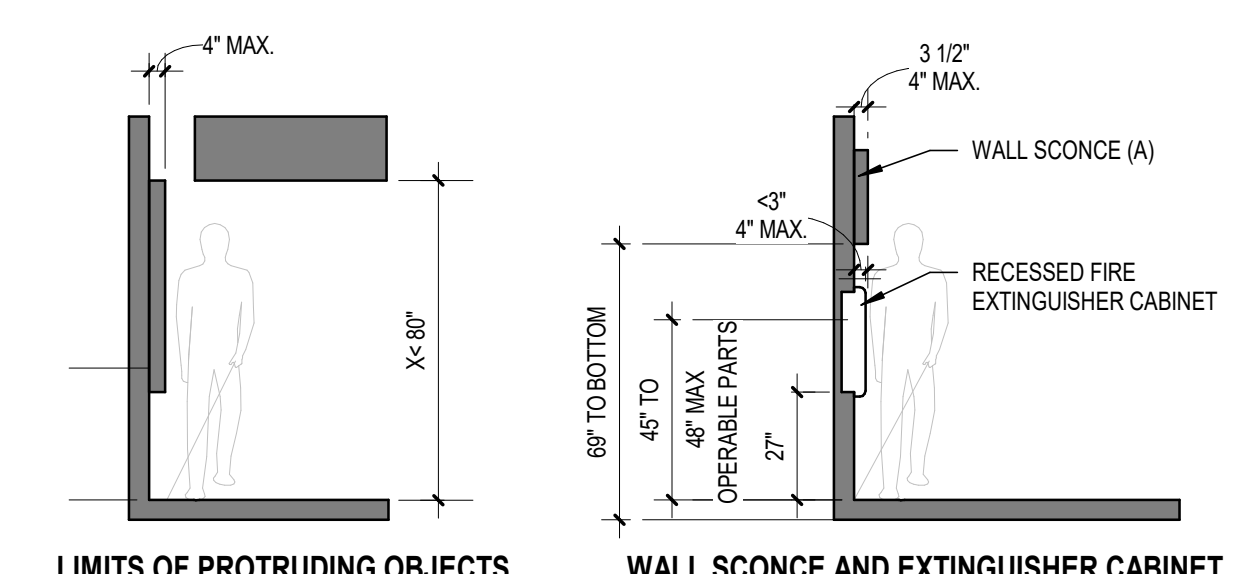
11 G004 CLEAR WIDTH AT DOOR & ROUTES1
1/4" = 1'-0"



8 G004 CHANGES IN LEVEL1
1/4" = 1'-0"

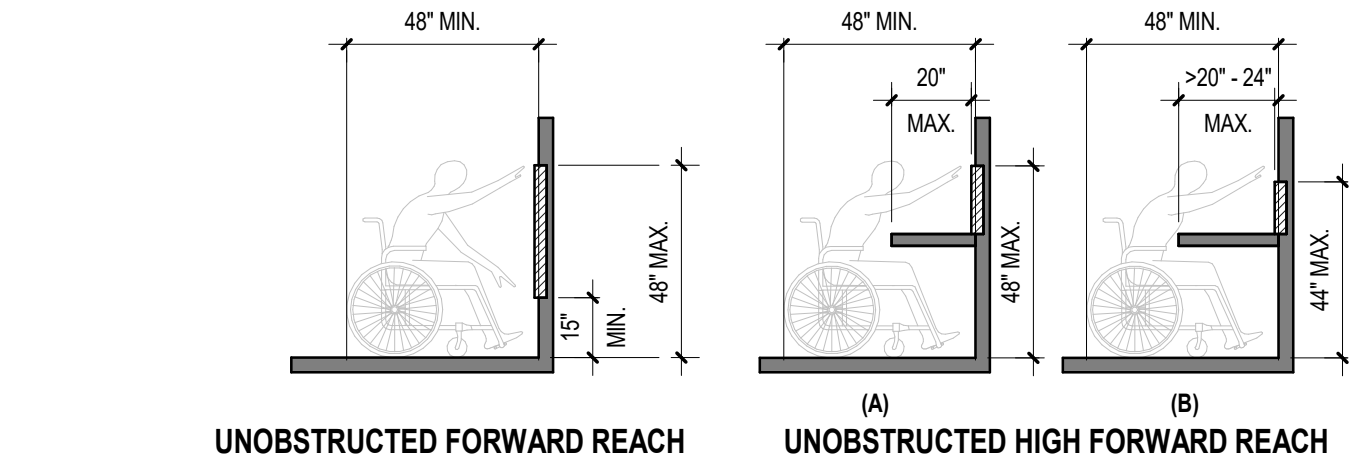


6 G004 WHEELCHAIR TURNING1
1/4" = 1'-0"

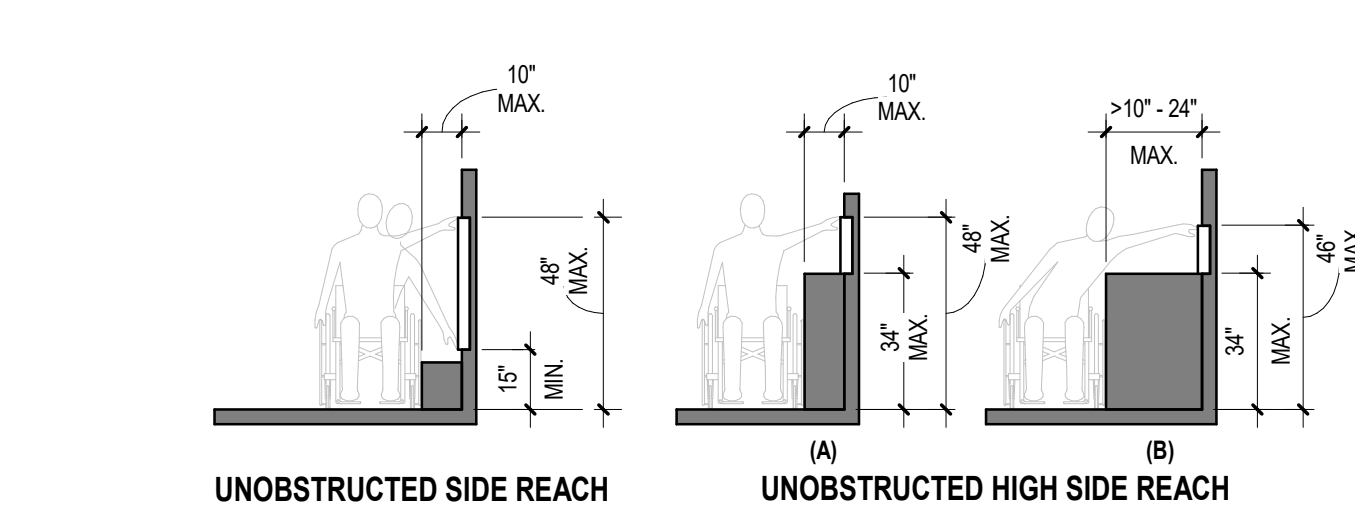


2 G004 PROTRUDING OBJECTS1
1/4" = 1'-0"

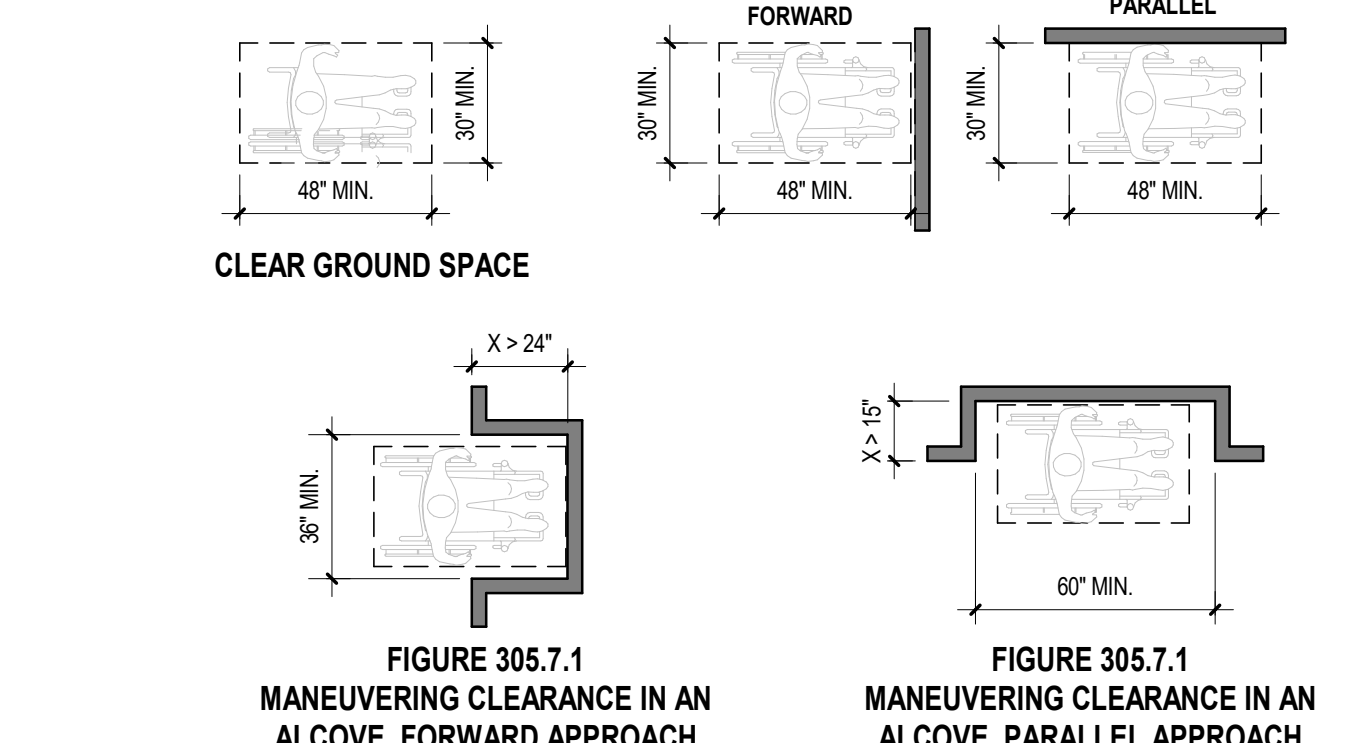
10 G004 DRINKING FOUNTAIN CLERANCE DETAILS
1/2" = 1'-0"



7 G004 FORWARD REACH1
1/4" = 1'-0"



5 G004 SIDE REACH1
1/4" = 1'-0"



1 G004 FLOOR CLEARANCES1
1/4" = 1'-0"

4 G004 VARIABLE MESSAGE SIGNAGE1
N.T.S. 1/2" = 1'-0"

3 G004 COMMUNICATION ELEMENTS AND FEATURES1
N.T.S. 1/2" = 1'-0"

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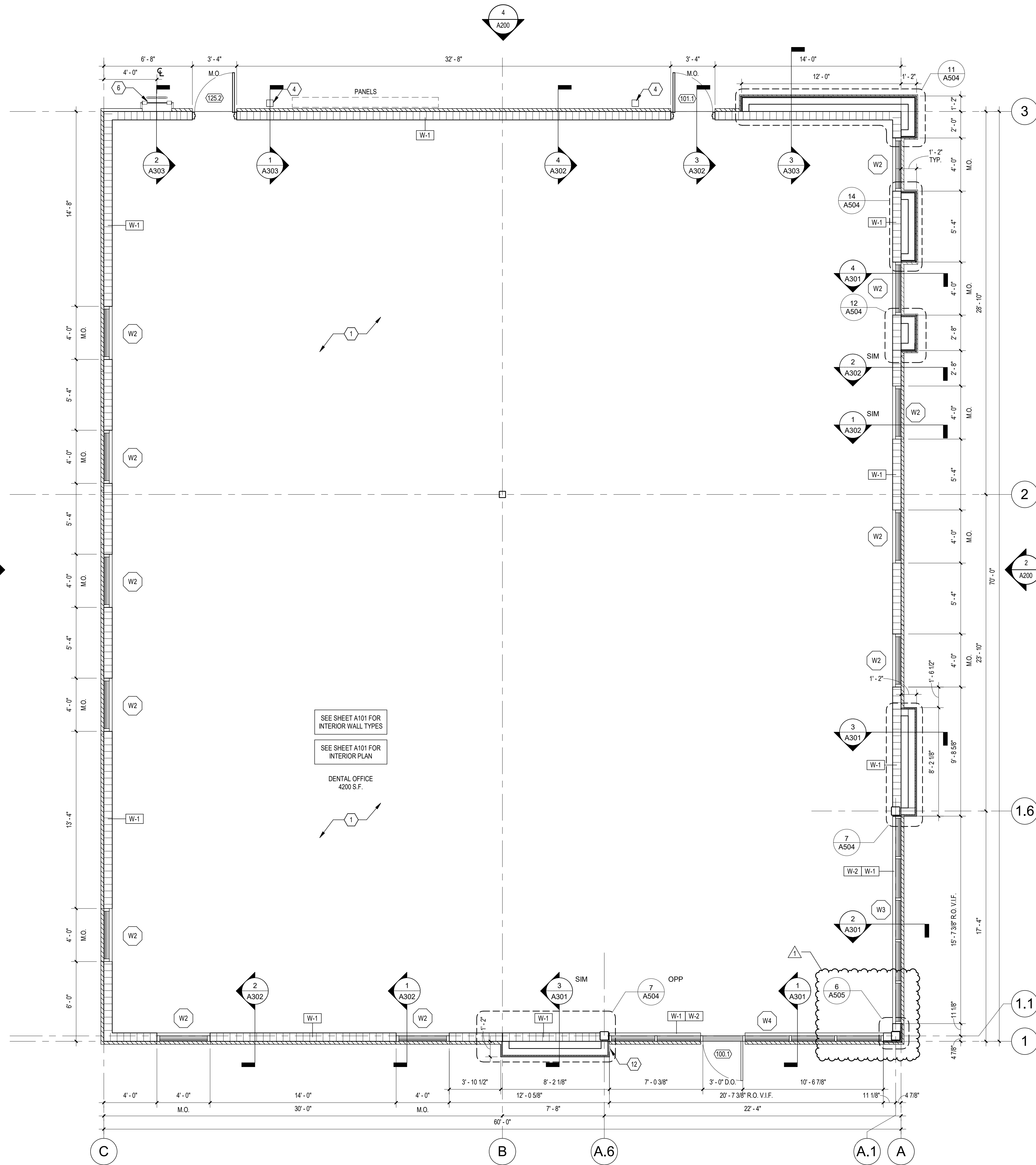
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CONSTR.	

REVISIONS:	

WILLIAM JOE FISHER
ARCHITECT 0010829

G004

Project Date: 1/31/23
Project No.: 223001



KEYED NOTES

NOTE: NOT ALL NOTES STATED BELOW ARE NOTED ON THIS PLAN

- 4" CONC SLAB ON 10 MIL VAPOR BARRIER ON COMPACTED & TERMITED TREATED BASE, SEE STRUCT DWGS
- ALUM. EQUIPMENT STAND BY PRECISION ALUM FL#18921.1
- SIGNAGE J-BOX ABOVE, (TYP.) (SEE ELEVATION) (SEE ELECTRICAL)
- THROUGH-WALL SCUPPER / CONDUCTOR HEAD / 6"x6" PRE-FINISHED ALUMINUM RAIN LEADER D.S. CONNECTED TO UNDERGROUND STORM COLLECTION SYSTEM, COORD W/ CIVIL DWGS. REFER TO TYPICAL DETAIL SHEET A503.
- THROUGH-WALL OVERFLOW SCUPPER, REFER TO DETAIL ON SHEET A503.
- ROOF ACCESS LADDER W/ SECURITY GATE, SEE DETAILS ON SHEET A502.
- WALL MOUNTED LIGHT FIXTURE (TYP.) (SEE ELECTRICAL)
- PROPOSED LOCATION FOR TENANT SIGNAGE DESIGNED, PERMITTED & INSTALLED BY OTHERS. REFER TO ELECT DWGS FOR POWER REQUIREMENTS.
- WALL MOUNTED EMERGENCY EXIT LIGHT (TYP.) (SEE ELECTRICAL)
- RECESSED CANOPY SOFFIT LIGHTS (SEE ELECTRICAL), COLOR TO MATCH CANOPY.
- ROOF LINE BEYOND
- RECESSED KNOX BOX LOCATION, CONFIRM MOUNTING HEIGHT & LOCATION WITH FIRE MARSHAL.
- PRE-ENGINEERED ALUMINUM CANOPY, SEE DETAILS ON SHEET A504. ALUMINUM SOFFIT COLOR: NATURA WOOD GRAIN
- PRE-ENGINEERED STANDING SEAM AWNINGS, SEE WALL SECTIONS, UNDERSIDE OF STANDING SEAM & AWNING FRAME PAINTED M1, SEE A201 COLOR LEGEND
- ROOF CRICKET SLOPED 1/2" IN 12.
- ROOF TOP UNIT ON CURB.
- CHANNEL SCREED

1-028

SIGNAGE NOTES:

- BUILDING WALL SIGNS: PERMITTED SEPARATELY BY OTHERS.
- MONUMENT SIGNS: PERMITTED SEPARATELY BY OTHERS.

GENERAL NOTES

- EMERGENCY LIGHTING SHALL MEET REQUIREMENTS OF FFPC 7TH EDITION INCLUDING NFPA 1 & 101, 2018 EDITION.
- EXIT LIGHTING SHALL MEET REQUIREMENTS OF FFPC 7TH EDITION INCLUDING NFPA 1 & 101, 2018 EDITION.
- ALL EXTERIOR DOOR LOCKS SHALL COMPLY WITH FFPC 7TH EDITION INCLUDING NFPA 1 & 101, 2018 EDITION. THUMB TURN LOCKS TO COMPLY WITH EXCEPTION #2. INDICATING LOCKS ARE REQUIRED ON ALL ENTRANCE DOOR INTERIORS.
- PORTABLE FIRE EXTINGUISHERS ON PLANS SHALL BE IN COMPLIANCE WITH FFPC 7TH EDITION INCLUDING NFPA 1 & 101, 2018 EDITION. THERE SHALL BE A MINIMUM OF ONE EXTINGUISHER PER EVERY 2,500 SQ. FT. MINIMUM SIZE 2A10BC TYPE.
- ALL TENANT BUILD OUTS SHALL COMPLY WITH FFPC 7TH EDITION INCLUDING NFPA 1 & 101, 2018 EDITION.
- THE PROJECT COMPLIES WITH THE ADA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION.
- ALL EXPOSED MASONRY TO HAVE "STRUCK" HORIZONTAL JOINTS AND "SMOOTH" VERTICAL JOINTS BOTH INTERIOR AND EXTERIOR. PROVIDE 1/2" RADIUS ON ALL EXPOSED CORNERS OF BEAMS AND PILASTERS.
- ALL STRUCTURAL AND MISCELLANEOUS STEEL SHALL RECEIVE ONE COAT OF GRAY STANDARD SHOP PAINT. TOUCH-UP BURN MARKS, LABELS AND DISTURBED AREAS IN FIELD (NO OTHER COLOR WILL BE ACCEPTED)
- SEE SHEET A601 FOR DOOR AND FINISH SCHEDULES.
- THERE SHALL BE A MAXIMUM OF 1/2" FINISHED FLOOR ELEVATION BETWEEN ADJACENT FLOOR SURFACES.
- THE FOLLOWING SHALL BE STENCILED ON BOTH SIDES OF ALL RATED WALLS "1HR. FIRE ASSEMBLY. SEAL ALL PENETRATIONS".
- CONTRACTOR TO PROVIDE JOB SITE MOCKUP OF ALL EXTERIOR FINISHES AND COLORS FOR ARCHITECT APPROVAL PRIOR TO COMMENCEMENT OF BLOCK INSTALLATION. SAMPLES MUST BE APPROVED BY ARCHITECT PRIOR TO FINISH INSTALLATIONS.
- BUSINESS NAMES AND SUITE NUMBERS SHALL BE DISPLAYED AT ALL MAIN EGRESS DOORS.
- ALL EXPOSED FASTENERS ON PROJECT SHALL HAVE PRE-DRILLED HOLES FILLED WITH SEALANT PRIOR TO INSTALLING FASTENERS.

EXTERIOR WALL TYPES

W-1 SEE DETAIL 1/A501 FOR EXTERIOR WALL TYPES

1 SHELL FLOOR PLAN
A100
1/4" = 1'-0"

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SHELL FLOOR PLAN
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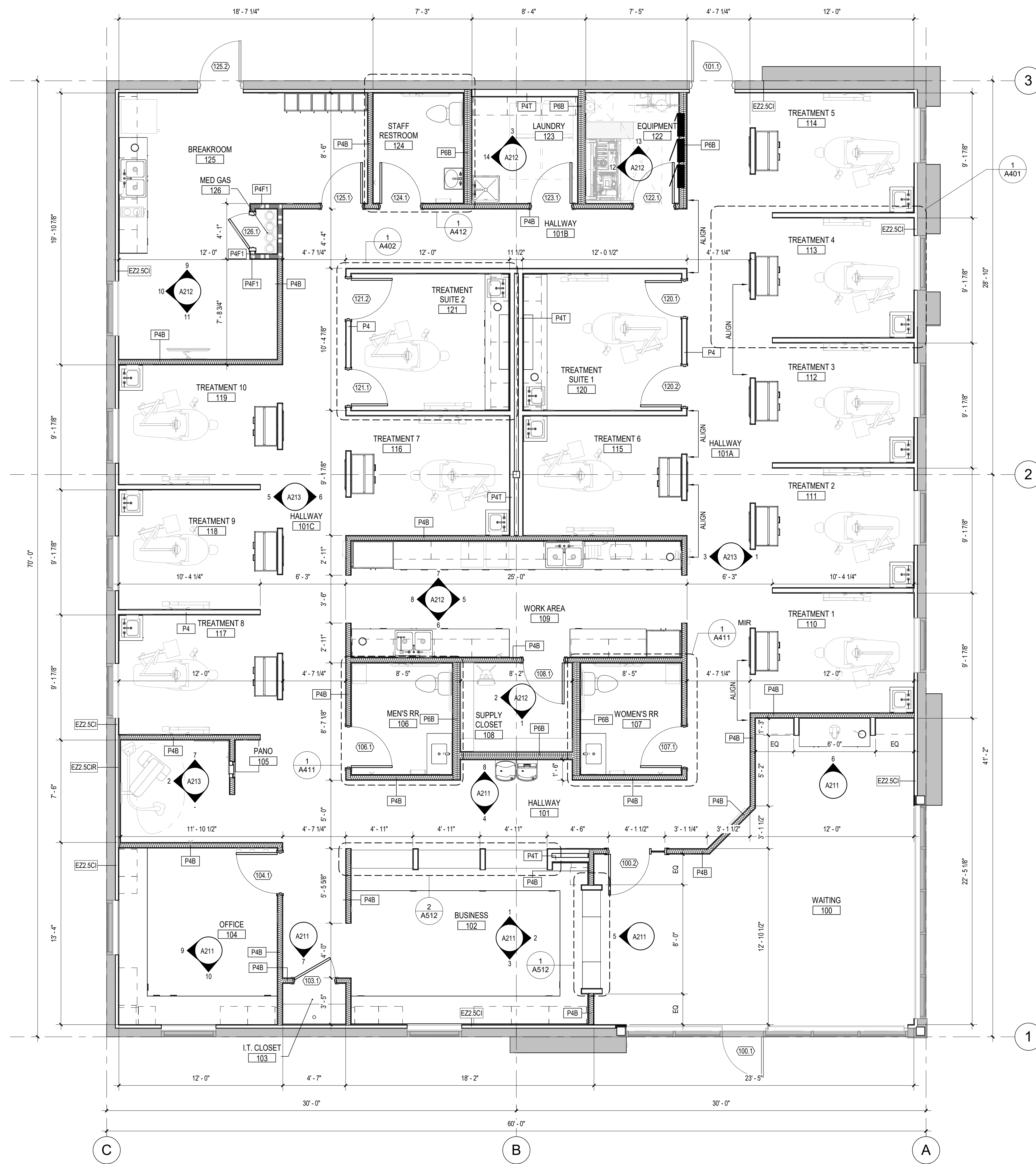
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WILLIAM JOE FISHER
ARCHITECT 0010829

A100

Project Date: 1/31/23
Project No.: 223001

FILED: 2023/11/23 10:21:02 AM
 PROJECT: 223001
 SHEET: A100 SHELL FLOOR PLAN
 DRAWING: 223001-01 SHELL FLOOR PLAN
 DATE: 11/23/23
 PROJECT: 223001



1 FLOOR PLAN
A101
1/4" = 1'-0"

- GENERAL NOTES**
1. BLINDS INSTALLED AND PROVIDED BY OWNER'S BLINDS CONTRACTOR. PROVIDE 4" MIN. CLEAR BETWEEN CABINETY AND WINDOW MUNTIN FRAME EDGE AT FULL HEIGHT STOREFRONT WINDOWS
 2. ALL PASSAGEWAYS TO BE 32" MIN. CLEAR BETWEEN FINISHED MILLWORK PER ADA CLEARANCE REQUIREMENTS
 3. ALL ENTRANCES AND EGRESSES TO COMPLY WITH APPLICABLE LIFE SAFETY AND ACCESSIBILITY CODES
 4. G.C. TO PROVIDE IN-WALL BLOCKING FOR OWNER-PROVIDED WALL-MOUNTED FIXTURES.
 5. SEE EQUIPMENT PLAN FOR EQUIPMENT NOT SHOWN ON FLOOR PLAN.
- PARTITION NOTES**
1. SEE FLOOR PLANS FOR LOCATION AND EXTENT.
 2. INTERIOR DIMENSIONS ARE TAKEN FROM FINISHED FACE TO FINISHED FACE (UNLESS NOTED OTHERWISE).
 3. ALL INTERIOR METAL STUDS ARE 20 GAUGE SPACED AT 16" O.C. (UNLESS NOTED OTHERWISE)
 4. ALL WALLS ARE TO BE CONSIDERED PARTITION TYPE "P4" UNLESS NOTED OTHERWISE. REFERENCE FLOOR PLAN
 5. FURR-IN AROUND ALL EXPOSED PIPES, CONDUIT, AND DUCT WORK, EXCEPT IN MECHANICAL ROOMS (UNLESS NOTED OTHERWISE).
 6. WET AREAS: ALL GYPSUM SURFACES TO RECEIVE "FIBEROCK" WATER RESISTANT GYPSUM BOARD AS MANUFACTURED BY USG.
 7. WET AREAS: USE GALVANIZED SCREWS.
 8. OUTSIDE FACE OF INTERIOR DOOR FRAMES SHALL BE 4" FROM ADJACENT WALL FRAMING (UNLESS NOTED OTHERWISE).
 9. SEAL ALL PENETRATIONS OF CONDUITS, PIPES, DUCTWORK, ETC. PASSING THROUGH FIRE-RATED WALLS.
 10. ANCHOR TOP OF ALL PARTITION WALLS @ 48" O.C. (UNBRACED WALL LENGTH REFER TO REFLECTED CEILING PLAN DETAILS).

WALL / PARTITION LEGEND	
	NEW CONTINUOUS FIRE-RATED PARTITION. SEE PLAN FOR PARTITION TYPE AND FIRE RATING
	NEW WALL WITH SOUND INSULATION
	NEW WALL
	EXTERIOR WALL

INTERIOR PARTITION SCHEDULE	
EZZ.5C1	EXTERIOR WALL EXTERIOR WALL. SEE SHEET A100 FOR EXTERIOR WALL TYPES 2 1/2" METAL Z-CHANNEL 2" EXTRUDED POLYSTYRENE RIGID INSULATION BOARD (R-10) (1) LAYER 5/8" GYP BOARD. EXTEND TO 6" MIN. ABOVE CEILING
EZZ.5C0R	EXTERIOR WALL EXTERIOR WALL. SEE SHEET A100 FOR EXTERIOR WALL TYPES 2 1/2" METAL Z-CHANNEL 2" EXTRUDED POLYSTYRENE RIGID INSULATION BOARD (R-10) (2) LAYERS 3/4" F.R.T. PLYWOOD TO 6" MIN. ABOVE CEILING (1) LAYER 5/8" GYP BOARD. EXTEND TO 6" MIN. ABOVE CEILING
P2	INTERIOR PARTITION (1) LAYER 5/8" GYP BOARD EACH SIDE. EXTEND TO 6" MIN. ABOVE CEILING 1-5/8" METAL STUDS AT 16" O.C. EXTEND 12" ABOVE CEILING
P4	INTERIOR PARTITION: TYPICAL (1) LAYER 5/8" GYP BOARD EACH SIDE. EXTEND TO 6" MIN. ABOVE CEILING 3-5/8" METAL STUDS AT 16" O.C. EXTEND 12" ABOVE CEILING
P4B	INTERIOR PARTITION: INSULATED FOR SOUND (1) LAYER 5/8" GYP BOARD EACH SIDE. EXTEND TO 6" MIN. ABOVE CEILING BATT INSULATION FOR SOUND ATTENUATION. STC 60 3-5/8" METAL STUDS AT 16" O.C. EXTEND 12" ABOVE CEILING
P4T	INTERIOR PARTITION (1) LAYER 5/8" GYP BOARD (1) SIDE. EXTEND TO 6" MIN. ABOVE CEILING 3-5/8" METAL STUDS AT 16" O.C. EXTEND 12" ABOVE CEILING
P4F1	FIRE-RATED PARTITION: 1 HOUR 1-HOUR FIRE RATED PER U.L. DESIGN NO. U465 (1) LAYER 5/8" TYPE "X" GYP BOARD EACH SIDE 3-5/8" METAL STUDS AT 16" O.C. REFER TO RCP DETAILS
P4RB	INTERIOR PARTITION: REINFORCED PANO WALL 3-5/8" METAL STUDS AT 12" O.C. EXTEND & SECURE TO STRUCTURE ABOVE BATT INSULATION FOR SOUND ATTENUATION. STC 60 (2) LAYERS 3/4" F.R.T. PLYWOOD TO 6" MIN. ABOVE CEILING (1) LAYER 5/8" GYP BOARD EACH SIDE. EXTEND TO 6" MIN. ABOVE CEILING
P6	INTERIOR PARTITION (1) LAYER 5/8" GYP BOARD EACH SIDE. EXTEND TO 6" MIN. ABOVE CEILING 6" METAL STUDS AT 16" O.C. EXTEND 12" ABOVE CEILING
P6B	INTERIOR PARTITION: INSULATED FOR SOUND (1) LAYER 5/8" GYP BOARD EACH SIDE. EXTEND TO 6" MIN. ABOVE CEILING BATT INSULATION FOR SOUND ATTENUATION. STC 60 6" METAL STUDS AT 16" O.C. EXTEND 12" ABOVE CEILING
P6T	INTERIOR PARTITION (1) LAYER 5/8" GYP BOARD (1) SIDE. EXTEND TO 6" MIN. ABOVE CEILING 6" METAL STUDS AT 16" O.C. EXTEND 12" ABOVE CEILING

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 TO THE BEST OF MY KNOWLEDGE, THE SPECIFICATIONS AND PLANS SHOWN HEREIN COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES IN EFFECT AT THIS TIME.

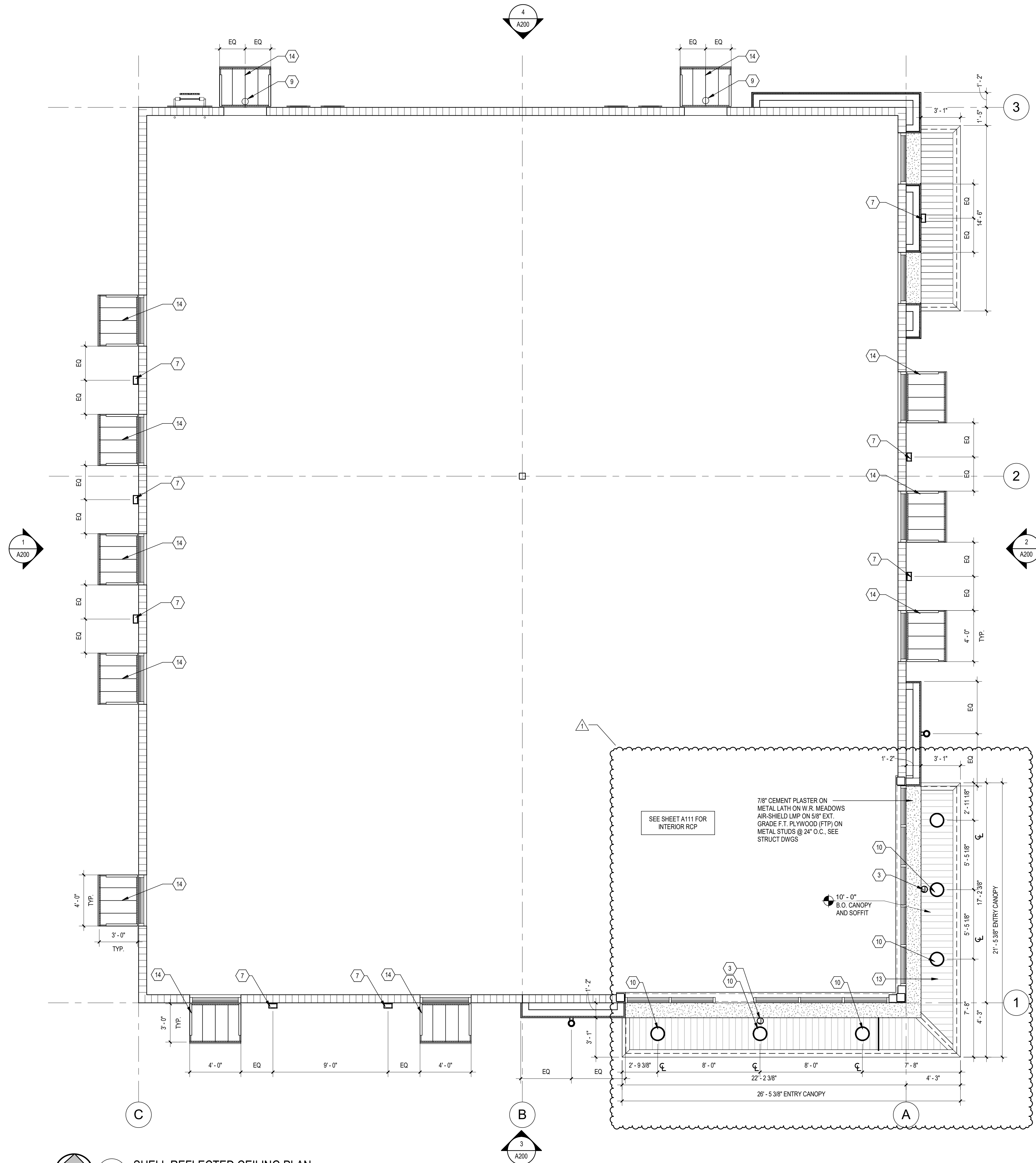
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FLOOR PLAN & WALL SCHEDULE
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REVISIONS:	

WILLIAM JOE FISHER
 ARCHITECT 0010829
A101
 Project Date: 1/31/23
 Project No.: 223001



KEYED NOTES

NOTE: NOT ALL NOTES STATED BELOW ARE NOTED ON THIS PLAN

- 4" CONC SLAB ON 10 MIL VAPOR BARRIER ON COMPACTED & TERMITE TREATED BASE, SEE STRUCT DWGS
- ALUM. EQUIPMENT STAND BY PRECISION ALUM FL#18921.1
- SIGNAGE J-BOX ABOVE, (TYP.) (SEE ELEVATION) (SEE ELECTRICAL)
- THROUGH-WALL SCUPPER / CONDUCTOR HEAD / 6"x6" PRE-FINISHED ALUMINUM RAIN LEADER D.S. CONNECTED TO UNDERGROUND STORM COLLECTION SYSTEM, COORD W/ CIVIL DWGS. REFER TO TYPICAL DETAIL SHEET A503.
- THROUGH-WALL OVERFLOW SCUPPER, REFER TO DETAIL ON SHEET A503.
- ROOF ACCESS LADDER W/ SECURITY GATE, SEE DETAILS ON SHEET A502.
- WALL MOUNTED LIGHT FIXTURE (TYP.) (SEE ELECTRICAL)
- PROPOSED LOCATION FOR TENANT SIGNAGE DESIGNED, PERMITTED & INSTALLED BY OTHERS. REFER TO ELECT DWGS FOR POWER REQUIREMENTS.
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- PRE-ENGINEERED STANDING SEAM AWNINGS, SEE WALL SECTIONS, UNDERSIDE OF STANDING SEAM & AWNING FRAME PAINTED M1, SEE A201 COLOR LEGEND
- ROOF CRICKET SLOPED 1/2" IN 12.
- ROOF TOP UNIT ON CURB.
- CHANNEL SCREED

1-028

SIGNAGE NOTES:

- BUILDING WALL SIGNS: PERMITTED SEPARATELY BY OTHERS.
- MONUMENT SIGNS: PERMITTED SEPARATELY BY OTHERS.

SHELL CEILING PLAN LEGEND

- EXIT LIGHT
- EMERGENCY LIGHT FIXTURE
- JUNCTION BOX FOR SIGNAGE (REFER TO ELECTRICAL DRAWINGS)
- SURFACE MOUNT LIGHT FIXTURE (REFER TO ELECTRICAL DRAWINGS)
- REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SPECIFICATIONS

1-028B

CEILING PLAN GENERAL NOTES

- LIGHTS, FIXTURES, EXIT SIGNS AND OTHER CEILING ACCESSORIES ARE SHOWN FOR FIXTURE TYPE AND LOCATION ONLY. REFER TO ELECTRICAL DRAWINGS FOR INFORMATION ON POWER REQUIREMENTS, CIRCUITING SWITCHING, FIXTURE SPECIFICATIONS, AND EMERGENCY LIGHTING.
- IF ANY DISCREPANCY EXISTS BETWEEN DRAWINGS AND FIELD OR ARCHITECT AND ENGINEERING DRAWINGS, NOTIFY ARCHITECT IMMEDIATELY.
- REFER TO MECHANICAL DRAWINGS FOR ALL HVAC REGISTER LOCATIONS.

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 INTERIOR DESIGNERS
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SHELL REFLECTED CEILING PLAN
HEARTLAND DENTAL
 WINTER GARDEN
 AVALON & MARSH RD
 WINTER GARDEN, FL 34787

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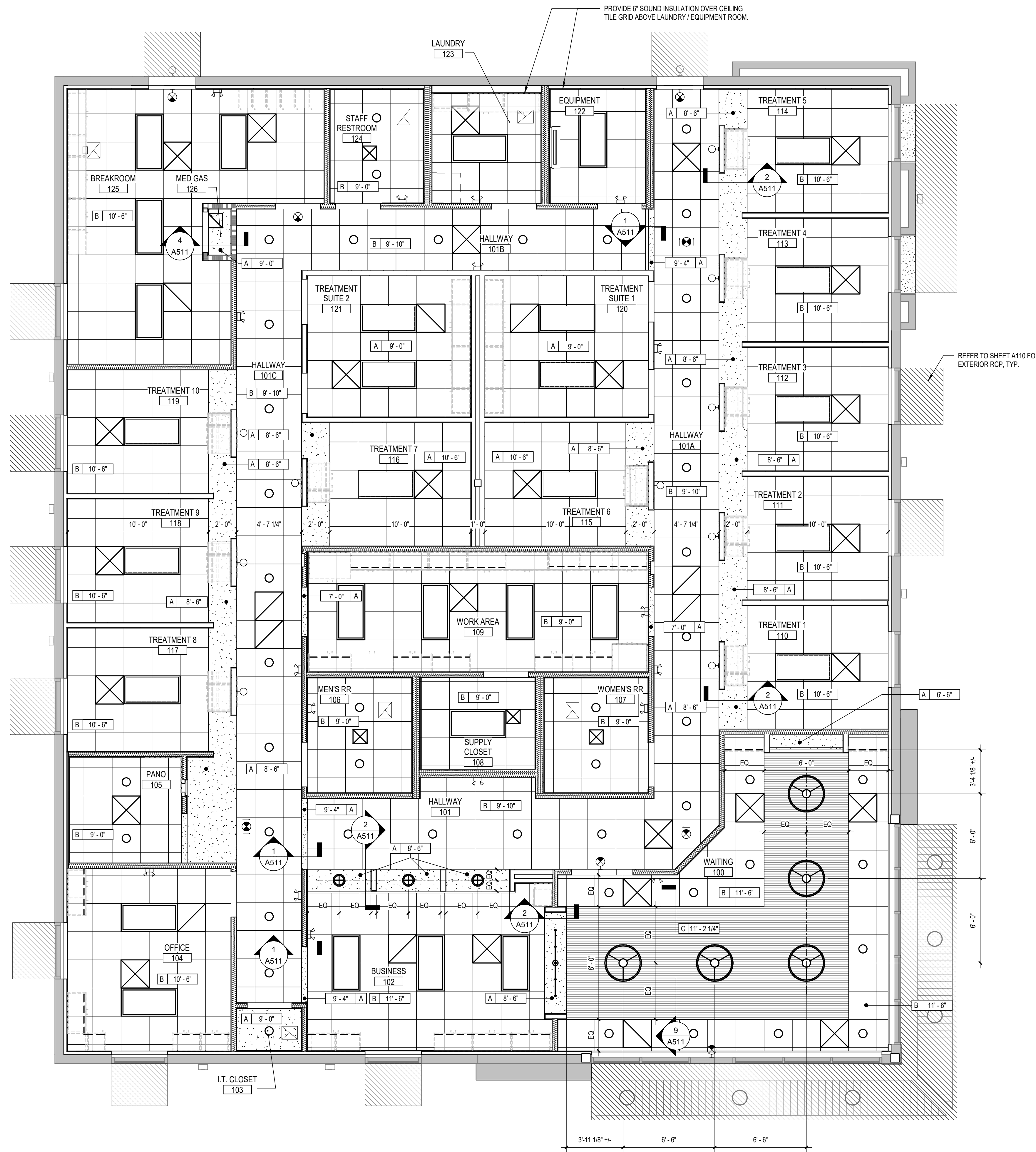
REVISIONS:

REV-CMNT	12.08.23

WILLIAM JOE FISHER
 ARCHITECT 0010829

A110
 Project Date: 1/31/23
 Project No.: 223001

1 SHELL REFLECTED CEILING PLAN
 A110 1/4" = 1'-0"



REFLECTED CEILING PLAN NOTES	
1.	COORDINATE W/ MECHANICAL / ELECTRICAL DRAWINGS.
2.	CEILING GRIDS TO BE CENTERED IN ROOM AS SHOWN ON REFLECTED CEILING PLAN, UNLESS NOTED OTHERWISE.
3.	LOCATE ALL RECESSED LIGHT FIXTURES, DIFFUSERS, GRILLES, SPEAKERS, SMOKE DETECTORS, AND SPRINKLER HEADS IN CENTER OF CEILING TILE UNLESS SHOWN OTHERWISE.
4.	SEE ROOM FINISH SCHEDULE FOR CEILING FINISH DESIGNATIONS OF GYPSUM BOARD CEILINGS AND SOFFITS.
5.	G.C. TO VERIFY EXISTING EXTERIOR EMERGENCY LIGHTING AT EXTERIOR EGRESS AS REQUIRED PER CODE, NOTIFY ARCHITECT IF NOT PRESENT.
6.	REFER TO INTERIOR ELEVATIONS FOR PENDANT & SCENCE MOUNTING HEIGHTS

REFLECTED CEILING PLAN LEGEND	
	WALL SCONCE
	RECESSED CAN LIGHT
	PENDANT LIGHT FIXTURE
	LINEAR PENDANT LIGHT FIXTURE
	RING PENDANT LIGHT FIXTURE
	2x4 LAY-IN LIGHT FIXTURE
	HVAC SUPPLY DIFFUSER
	HVAC RETURN GRILLE
	EXHAUST FAN
	UNDER CABINET LED LIGHT FIXTURE
	ILLUMINATED EMERGENCY EXIT SIGN
	EMERGENCY LIGHT FIXTURE

*REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE SPECIFICATIONS

CEILING TYPE LEGEND	
	TYPE A: 5/8" GYP BOARD CEILING, TO BE PAINTED; REFER TO FINISH SCHEDULE FOR PAINT SPECIFICATION
	TYPE B: 2x2' ACOUSTIC CEILING TILE, (AT-1) REFER TO FINISH SCHEDULE FOR SPECIFICATION
	TYPE C: WOOD SLAT CEILING, (WS-1) REFER TO FINISH SCHEDULE FOR SPECIFICATION

1 REFLECTED CEILING PLAN
A111
1/4" = 1'-0"

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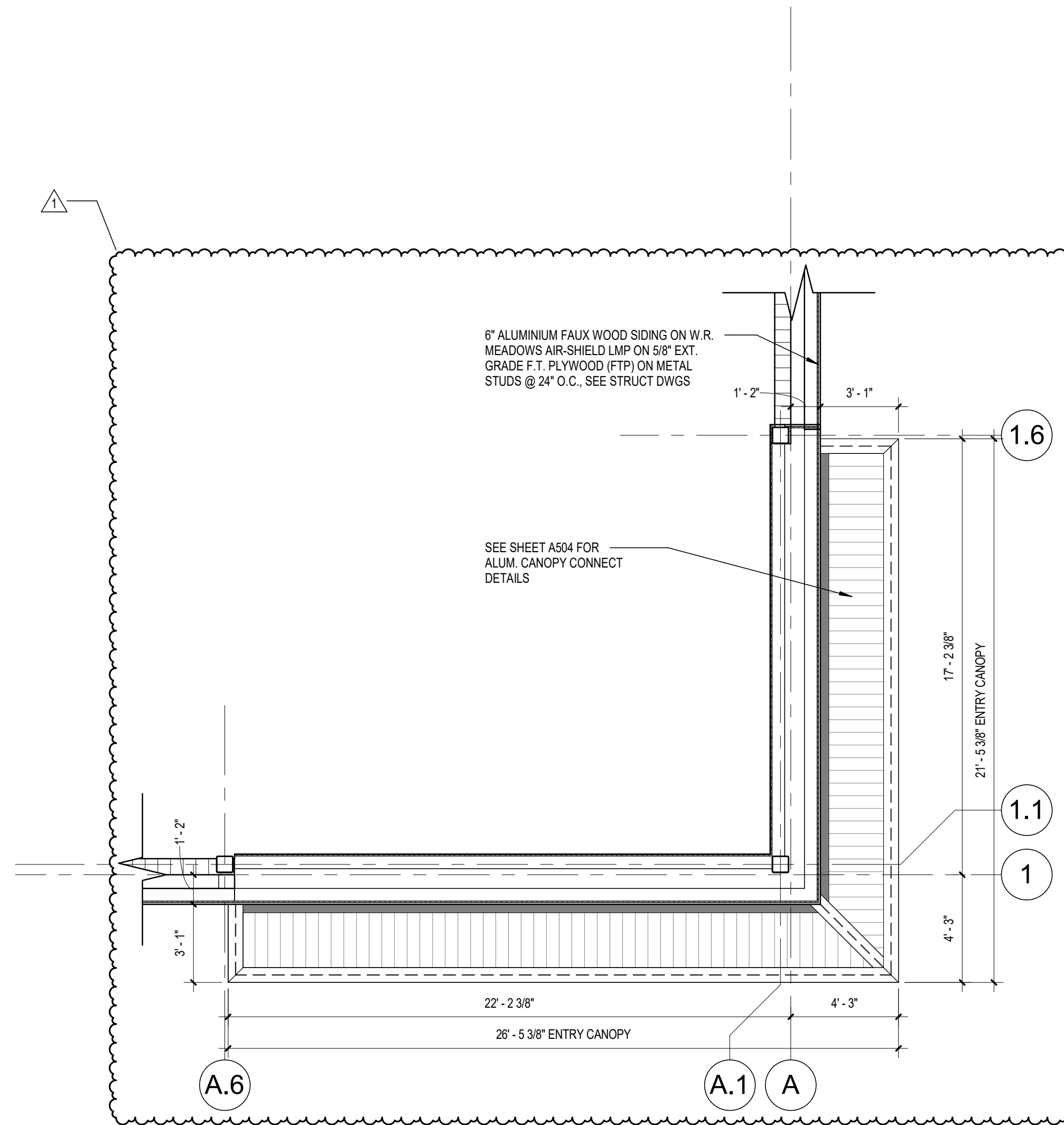
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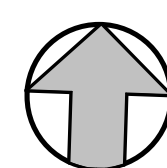
WILLIAM JOE FISHER
ARCHITECT 0010829

A111
Project Date: 1/31/23
Project No.: 223001



6" ALUMINIUM FAUX WOOD SIDING ON W.R.
MEADOWS AIR-SHIELD LMP ON 5/8" EXT.
GRADE F.T. PLYWOOD (FTP) ON METAL
STUDS @ 24" O.C., SEE STRUCT DWGS

SEE SHEET A504 FOR
ALUM. CANOPY CONNECT
DETAILS



1
A121

ENTRY CANOPY ROOF PLAN

0 2 4 6 14" = 1'-0"

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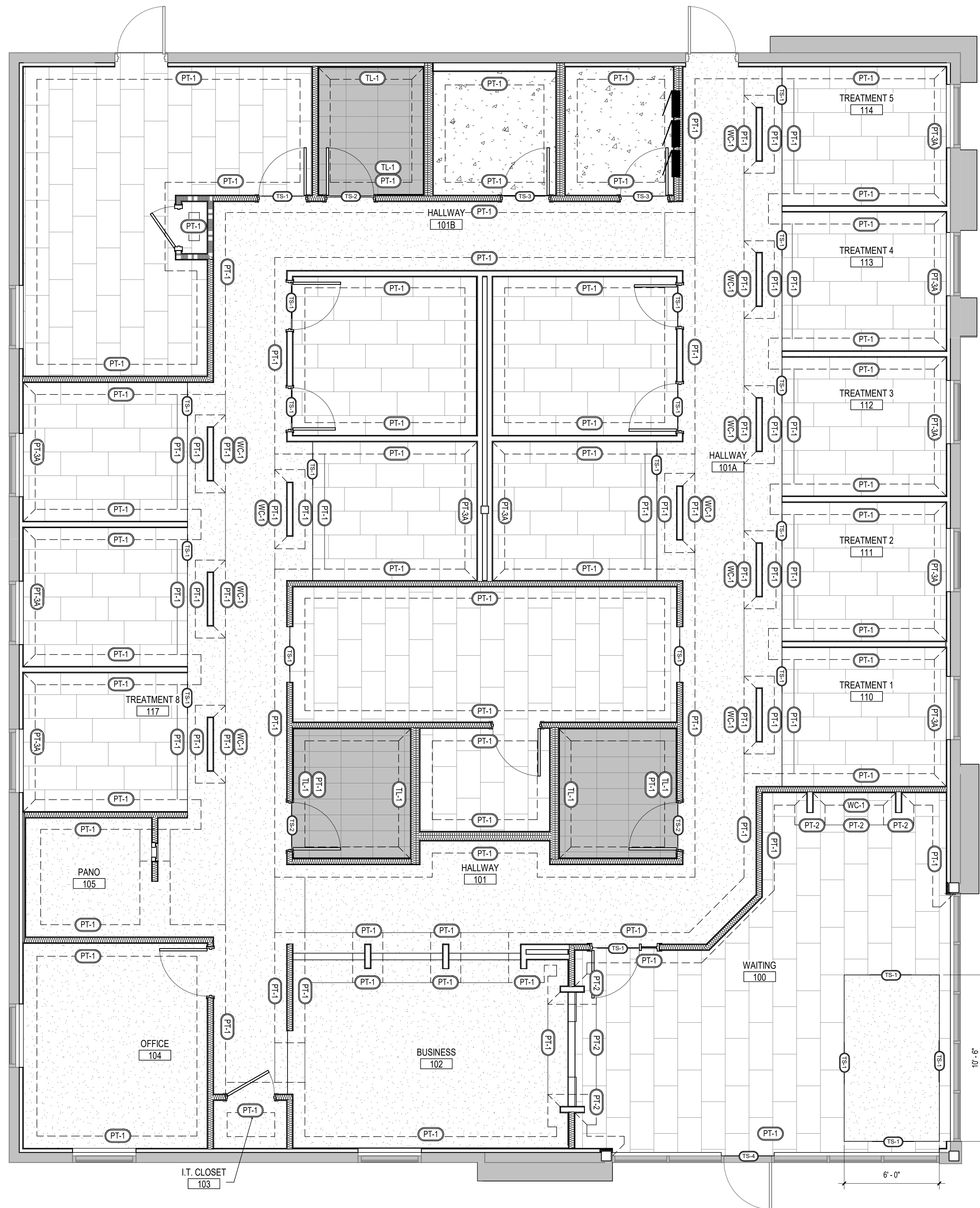
SHELL ENTRY CANOPY ROOF PLAN
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△	REV-CMNT 12.08.23

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ARCHITECT 0010829

A121
Project Date: 1/31/23
Project No.: 223001



ROOM FINISH NOTES		ROOM FINISH LEGEND		
1. REFER TO RESPONSIBILITY MATRIX FOR ORDERING INFORMATION 2. REFER TO INTERIOR ELEVATIONS FOR ADDITIONAL FINISH MATERIALS 3. VERIFY COLORS, LOCATIONS, AND MATERIALS W/ OWNER PRIOR TO ORDERING MATERIALS 4. ALL OUTLETS AND COVER PLATES TO BE WHITE FINISH, UNLESS NOTED OTHERWISE 5. G.C. TO PROVIDE THE OWNER WITH THREE (3) CARTONS OF CARPET TILES, THREE (3) CARTONS OF LUXURY VINYL TILES, AND ONE (1) CARTON OF CEILING TILES AT END OF PROJECT 6. ALL PAINT TO BE SHERWIN WILLIAMS PROMAR 200 ZERO V.O.C., UNLESS NOTED OTHERWISE 7. SC-1 TO BE USED ON POROUS, UNSEALED CONCRETE ONLY. REFER TO MANUFACTURER'S APPLICATION INSTRUCTIONS		MARK	MATERIAL	PRODUCT DESCRIPTION
FLOOR FINISH LEGEND CT-1 CARPET TILE LT-1 LUXURY VINYL TILE TL-1 PORCELAIN TILE SC-1 SEALED CONCRETE		AT-1	ACOUSTIC TILE	ARMSTRONG, CANYON BEVELED TEGULAR, 24" x 24" x 5/8", WHITE, PRELUDE XL 15/16" EXPOSED TEE GRID - WHITE
--- INDICATES WALL FINISH. SEE FINISH TAG ON PLAN --- INDICATES SOFFIT ABOVE. TO MATCH ADJACENT WALL FINISH U.N.O.		CT-1	CARPET TILE	PATCRAFT, CUSTOM STYLE CT83770; 9' x 36"; 260Z
		LT-1	LUXURY VINYL TILE	PATCRAFT, NSP INSET 2.5MM; PURE GOLD; 18" x 36"; LAID IN STAGGER PATTERN
		PL-1	PLASTIC LAMINATE	WILSONART; STANDARD LAMINATE; GHOST MAPLE Y0694-38; FINE VELVET FINISH; VERTICAL GRAIN
		PL-2	PLASTIC LAMINATE	WILSONART; PREMIUM LAMINATE; POLISHED CONCRETE 5022K-37; FINE VELVET FINISH
		PL-3	PLASTIC LAMINATE	WILSONART; DECORATIVE METAL; RIBBONED SATIN BRUSHED; PALLADIUM L6445 (408); VERTICAL GRAIN
		PL-4	PLASTIC LAMINATE	WILSONART; PREMIUM LAMINATE; HIGH LINE 7970K-18; LINEARITY FINISH; VERTICAL GRAIN
		PL-5	PLASTIC LAMINATE	WHITE MELAMINE; (STORAGE SHELVING)
		PT-1	PAINT	SHERWIN WILLIAMS; SW 9165 "GOSSAMER VEIL"; EG-SHEL; SEE FINISH NOTES
		PT-2	PAINT	SHERWIN WILLIAMS; SW 7675 "SEAL SKIN"; EG-SHEL; PRO-INDUSTRIAL PRE-CATALYZED WATER-BASED EPOXY (ACCENT PAINT)
		PT-3A	PAINT	SHERWIN WILLIAMS; SW 7507 "STONE LION"; EG-SHEL; SEE FINISH NOTES (NEUTRAL ACCENT PAINT)
		PT-3B	PAINT	SHERWIN WILLIAMS; SW 9149 "INKY BLUE"; EG-SHEL; SEE FINISH NOTES (BLUE ACCENT PAINT)
		PT-3C	PAINT	SHERWIN WILLIAMS; SW 6181 "SECRET GARDEN"; EG-SHEL; SEE FINISH NOTES (GREEN ACCENT PAINT)
		PT-4	PAINT	SHERWIN WILLIAMS; SW 7004 "SNOWBOUND"; FLAT; SEE FINISH NOTES (CEILING PAINT)
		PT-5	PAINT	SHERWIN WILLIAMS; SW 9174 "MOTH WING"; SEMI-GLOSS; SEE FINISH NOTES (12 O'CLOCK WALL TRIM)
		PT-6	PAINT	SHERWIN WILLIAMS; SW 9605 "CLOVE"; SEMI-GLOSS; PRO-INDUSTRIAL PRE-CATALYZED WATER-BASED EPOXY (HM DOORS & FRAMES)
		RB-1	RESILIENT BASE	TARKETT; JOHNSONITE MILLWORK WALL FINISHING SYSTEM; 5-1/4" INFLECTION WALL BASE; 176 BRASS; INSIDE & OUTSIDE CORNERS TO BE MITERED
		RB-2	RESILIENT BASE	TARKETT; JOHNSONITE TRADITIONAL VINYL 1/8"; 4" WALL BASE; 24 GREY HAZE
		RB-3	RESILIENT BASE	TARKETT; JOHNSONITE TRADITIONAL VINYL 1/8"; 4" TOELESS WALL BASE; 24 GREY HAZE (MILLWORK TOEKICK ONLY)
		SC-1	SEALED CONCRETE	SHERWIN WILLIAMS; CONFLX; 7% SILOXANE WATER REPELLENT; CF31T0007 CLEAR; SEE FINISH NOTES
		SS-1	SOLID SURFACE	WILSONART; TUMBLED STONE 9220CE
		SS-2	SOLID SURFACE	WILSONART; CRAFTED COLLECTION; MONTE AMIATA 9911SS (CHECK-IN / CHECK-OUT COUNTER)
		TL-1	PORCELAIN TILE	AMERICAN CLEAN; MIRASOL; BIANCO CARRERA ML70; 12" x 24" MATTE RECTIFIED; STACK PATTERN; TEC POWER GROUT - 909 STERLING; 1/8" GROUT JOINTS. FLOOR TILE TO BE CENTERED IN ROOM AS SHOWN ON FINISH PLAN; REFER TO ENLARGED RESTROOM SHEETS FOR WALL TILE LAYOUT
		TS-1	TRANSITION STRIP	PATCRAFT; MICROTRANSITION; S316V; 28"; 00100 CHAMPAGNE; FOR TRANSITION OF LUXURY VINYL TILE TO CARPET; SEE INTERIOR DETAIL SHEETS
		TS-2	TRANSITION STRIP	SCHLUTER; RENO-TK; ATK 125ATGB; BRUSHED NICKEL; FOR TRANSITION OF CARPET TO TILE; SEE INTERIOR DETAIL SHEETS
		TS-3	TRANSITION STRIP	PATCRAFT; CARPET REDUCER; S137V; S116"; 00066 SLATE; FOR TRANSITION OF CARPET TO CONCRETE; SEE INTERIOR DETAIL SHEETS
		TS-4	TRANSITION STRIP	PATCRAFT; TRIMMASTER; 184PS; 3.5MM LVT REDUCER; DARK BRONZE; FOR TRANSITION OF LUXURY VINYL TILE TO CONCRETE; SEE INTERIOR DETAIL SHEETS
		TS-5	TRANSITION STRIP	SCHLUTER; QUADEC EDGE TRIM; Q80TSBG; GREIGE; FOR TRANSITION OF WALL TILE TO GYP BOARD; SEE INTERIOR DETAIL SHEETS
		TS-6	TRANSITION STRIP	SCHLUTER; RENO-U; AU 125ATGB; BRUSHED NICKEL; FOR TRANSITION OF LUXURY VINYL TILE TO TILE; SEE INTERIOR DETAIL SHEETS
		WC-1	WALLCOVERING	NATIONAL WALLCOVERING; PUZZLE PIECE AZ5328P2; PEWTER; 52-54" W; STRAIGHT MATCH INSTALLATION
		WD-1	WOOD	WHITE OAK W/ STAIN TO MATCH LT-1 (BEVERAGE STATION FLOATING SHELVES)
		WF-1	WINDOW FILM	3M; BLACKOUT WINDOW FILM (AS NEEDED; REFER TO EXTERIOR ELEVATIONS)
		WS-1	WOOD SLAT	ARMSTRONG; WOODWORKS GRILLE - CLASSICS; 7266BD (5/8" W x 2-1/4" H SLATS W/ 7/8" SPACING; BACKER ONLY); WARM OAK (GWO); HEAVY DUTY 15/16" PRELUDE XL GRID - BLACK; BLACK MATTE INFILL PANELS

ROOM FINISH SCHEDULE									
ROOM NUMBER	ROOM NAME	FLOOR		CEILING		MILLWORK		COMMENTS	
		MATERIAL	WALL BASE	MATERIAL	FINISH	WALL FINISH	CABINET	TOP	
100	WAITING	CT-1, LT-1	RB-1, RB-3	AT-1, WS-1	--	PT-1, PT-2, WC-1		SS-2	REFER TO INTERIOR ELEVATIONS
101	HALLWAY	CT-1	RB-1	AT-1, GYP BD	PT-4	PT-1	--	--	REFER TO INTERIOR ELEVATIONS
101A	HALLWAY	CT-1	RB-1	AT-1, GYP BD	PT-4	PT-1, WC-1	--	--	REFER TO INTERIOR ELEVATIONS. SEE ALL 12 O'CLOCK WALLS.
101B	HALLWAY	CT-1	RB-1	AT-1, GYP BD	PT-4	PT-1	--	--	REFER TO INTERIOR ELEVATIONS
101C	HALLWAY	CT-1	RB-1	AT-1, GYP BD	PT-4	PT-1, WC-1	--	--	REFER TO INTERIOR ELEVATIONS. SEE ALL 12 O'CLOCK WALLS.
102	BUSINESS	CT-1	RB-1, RB-2, RB-3	AT-1, GYP BD	PT-4	PT-1	PL-1	SS-2, PL-2	REFER TO INTERIOR ELEVATIONS
103	I.T. CLOSET	CT-1	RB-2	AT-1	--	PT-1	--	PL-2	--
104	OFFICE	CT-1	RB-1, RB-3	AT-1	--	PT-1	PL-1	PL-2	--
105	PANO	CT-1	RB-1, RB-3	AT-1	--	PT-1	PL-1	SS-1	--
106	MEN'S RR	TL-1	--	AT-1	--	PT-1, TL-1	PL-4	--	REFER TO INTERIOR ELEVATIONS
107	WOMEN'S RR	TL-1	--	AT-1	--	PT-1, TL-1	PL-4	--	REFER TO INTERIOR ELEVATIONS
108	SUPPLY CLOSET	LT-1	RB-2	AT-1	--	PT-1	PL-1	SS-1	--
109	WORK AREA	LT-1	RB-1, RB-2, RB-3	AT-1	--	PT-1	PL-1	SS-1	--
110	TREATMENT 1	LT-1	RB-1, RB-3	AT-1, GYP BD	PT-4	PT-1, PT-3A	PL-1	SS-1	REFER TO INTERIOR ELEVATIONS
111	TREATMENT 2	LT-1	RB-1, RB-3	AT-1, GYP BD	PT-4	PT-1, PT-3A	PL-1	SS-1	REFER TO INTERIOR ELEVATIONS
112	TREATMENT 3	LT-1	RB-1, RB-3	AT-1, GYP BD	PT-4	PT-1, PT-3A	PL-1	SS-1	REFER TO INTERIOR ELEVATIONS
113	TREATMENT 4	LT-1	RB-1, RB-3	AT-1, GYP BD	PT-4	PT-1, PT-3A	PL-1	SS-1	REFER TO INTERIOR ELEVATIONS
114	TREATMENT 5	LT-1	RB-1, RB-3	AT-1, GYP BD	PT-4	PT-1, PT-3A	PL-1	SS-1	REFER TO INTERIOR ELEVATIONS
115	TREATMENT 6	LT-1	RB-1, RB-3	AT-1, GYP BD	PT-4	PT-1, PT-3A	PL-1	SS-1	REFER TO INTERIOR ELEVATIONS
116	TREATMENT 7	LT-1	RB-1, RB-3	AT-1, GYP BD	PT-4	PT-1, PT-3A	PL-1	SS-1	REFER TO INTERIOR ELEVATIONS
117	TREATMENT 8	LT-1	RB-1, RB-3	AT-1, GYP BD	PT-4	PT-1, PT-3A	PL-1	SS-1	REFER TO INTERIOR ELEVATIONS
118	TREATMENT 9	LT-1	RB-1, RB-3	AT-1, GYP BD	PT-4	PT-1, PT-3A	PL-1	SS-1	REFER TO INTERIOR ELEVATIONS
119	TREATMENT 10	LT-1	RB-1, RB-3	AT-1, GYP BD	PT-4	PT-1, PT-3A	PL-1	SS-1	REFER TO INTERIOR ELEVATIONS
120	TREATMENT SUITE 1	LT-1	RB-1, RB-3	AT-1	--	PT-1	PL-1	SS-1	--
121	TREATMENT SUITE 2	LT-1	RB-1, RB-3	AT-1	--	PT-1	PL-1	SS-1	--
122	EQUIPMENT	SC-1	RB-2	AT-1	--	PT-1	--	--	--
123	LAUNDRY	SC-1	RB-2	AT-1	--	PT-1	PL-1	--	--
124	STAFF RESTROOM	TL-1	--	AT-1	--	PT-1, TL-1	PL-4	--	REFER TO INTERIOR ELEVATIONS
125	BREAKROOM	LT-1	RB-2, RB-3	AT-1	--	PT-1	PL-1	PL-2	--
126	MED GAS	LT-1	RB-2	GYP BD	PT-4	PT-1	--	--	--

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FINISH PLAN & SCHEDULES
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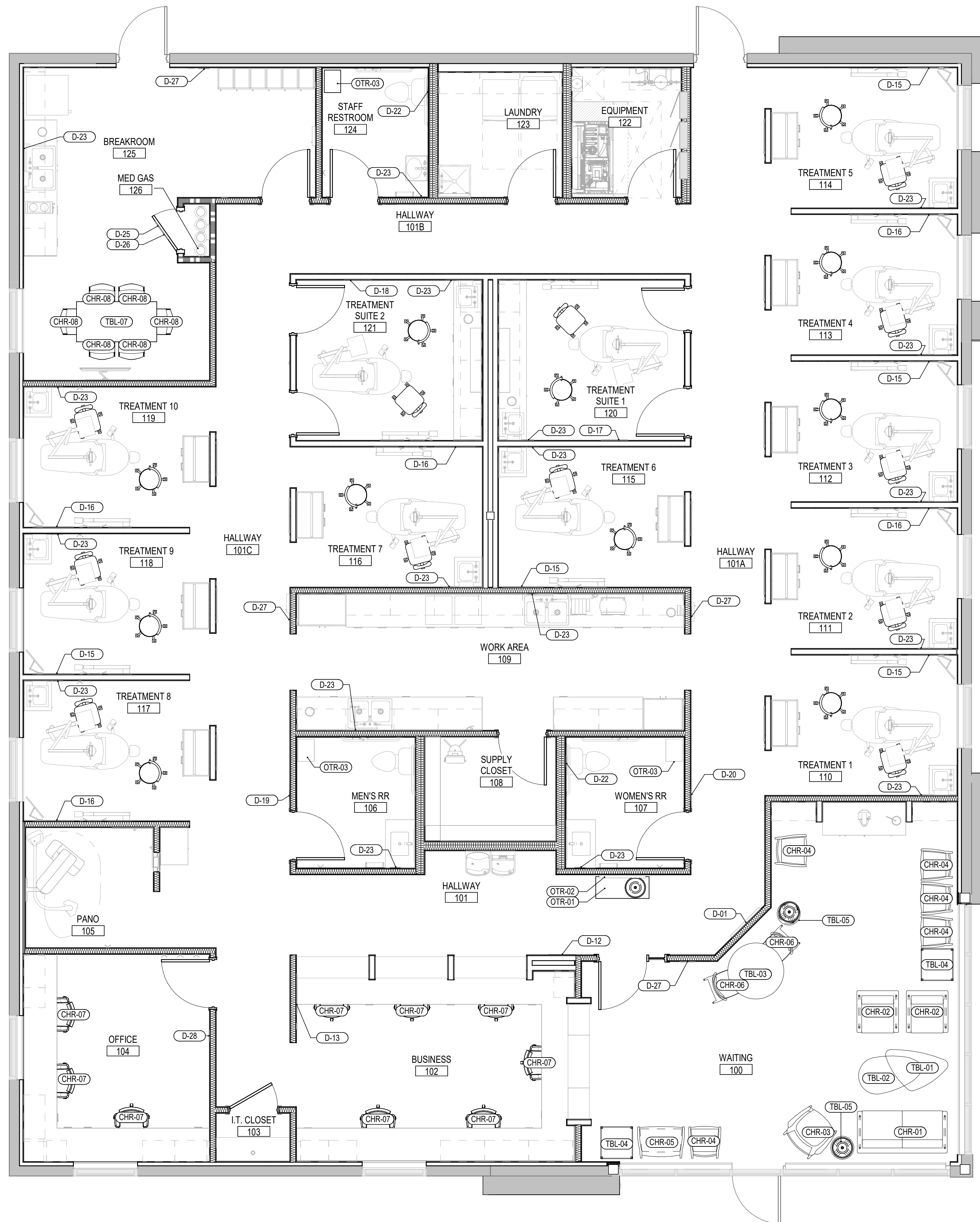
REVISIONS:

NO.	DESCRIPTION

WILLIAM JOE FISHER
 ARCHITECT 0010829

A131

Project Date: 1/31/23
 Project No.: 223001



FURNITURE SCHEDULE					
ITEM #	QTY	DESCRIPTION	MANUFACTURER	MODEL #	COMMENTS
CHR-01	1	SOFA 2 1/2 SEAT LOUNGE, U LEG WOOD, NON-TUFTED BACK	National Office Furniture	N74M2AUW	TELLARO LOUNGE COLLECTION. FABRIC: DESIGNTEX "HYDE", COLOR: CLAY # 3888-702 LEG FINISH: CINDER 462
CHR-02	2	LOUNGE CHAIRS 1 SEAT LOUNGE, U LEG WOOD, NON-TUFTED BACK	National Office Furniture	N74M1AUW	TELLARO LOUNGE COLLECTION. SEAT & BACK FABRIC: DESIGNTEX "HYDE", COLOR: PITCH #3888-802 FRAME FABRIC: DESIGNTEX "SHORTCUT", COLOR: GRAPHITE #3163-802 LEG FINISH: CINDER 462
CHR-03	1	ACCENT CHAIRS MIDBACK LOUNGE, ARMS	National Office Furniture	N58L1MUA	HOBSEN COLLECTION. FABRIC: DESIGNTEX "CHUNKY TWEED", COLOR: CHARCOAL #3172-803 ACCENT FABRIC: DESIGNTEX "TAILOR" COLOR: GRAPHITE #3163-802 FRAME FINISH: SABLE 792
CHR-04	5	WALL SEATING	National Office Furniture	N59AA	ACQUAINT HALF UPHOLSTERED BACK, EXPOSED WOOD SLATS FABRIC: DESIGNTEX "REIN", COLOR: GRAPHITE #3010-803 FRAME FINISH: KONA (KN) SABLE (792)
CHR-05	1	WALL SEATING - BARIATRIC CHAIR	National Office Furniture		ACQUAINT HALF UPHOLSTERED BACK, EXPOSED WOOD SLATS FABRIC: DESIGNTEX "REIN", COLOR: GRAPHITE #3010-803 FRAME FINISH: KONA (KN) SABLE (792)
CHR-06	2	BAR HEIGHT STOOL	National Office Furniture		GRIN - STOOL - BAR HEIGHT - WOOD BACK "GRIN" 4-LEG WOOD FRAME BAR-HEIGHT STOOL. WOOD LEGS: SABLE (792) UPHOLSTERY - FRONT/SEAT: DESIGNTEX "REIN" COLOR: GRAPHITE #3010-803 WITH 2-1/2" STITCHING DETAIL BACK: DESIGNTEX "JUMPER", COLOR: FINCH #3878-803
CHR-07	9	OFFICE CHAIR	HON	HCT1MM	CONVERGENCE MID BACK TASK CHAIR. BLACK WITH CHROME FINISH
CHR-08	6	BREAK ROOM CHAIR	National Office Furniture	NBLACK208	"DITTO" PLASTIC GUEST STACKER. COLOR: BLACK 208
OTR-01	1	CRENDENZA	Uttermost	24773	LAYTON CONSOLE CABINET. UPC #79297247730
OTR-02	1	WALL MIRROR		89849	PARADISE ROUND MIRROR. 39W X 38H X 2D
OTR-03	3	BATHROOM STORAGE RACK		(20418) 55508	BLACK. WITH 4 FOLDABLE CORN HUSK BASKETS
TBL-01	1	COFFEE TABLE	National Office Furniture	88NA304816TRRLW	WIXLER - SOFT TRIANGLE TABLE - 30D X 48W X 16H - EXPOSED RIM. LAMINATE: CINDER 462. LEGS: IRON
TBL-02	1	COFFEE TABLE	National Office Furniture	88NA284816TPRLW	WIXLER - PEAR TABLE - 28D X 48W X 16H - EXPOSED RIM. LAMINATE: SABLE 792. LEGS: IRON
TBL-03	1	BAR HEIGHT TABLE	National Office Furniture		UNIVERSAL TABLE & BASE. LAMINATE: FROSTY WHITE BASE. CINDER
TBL-04	2	SQUARE END TABLE	National Office Furniture		"RENO" SQUARE END TABLE. LAMINATE: SABLE LEG: CINDER PAINT OPTIONAL GLASS TOPPER
TBL-05	2	ROUND END TABLE	National Office Furniture		WIXLER - ROUND LAMINATE: CINDER. LEGS: IRON
TBL-07	1	BREAK ROOM TABLE	National Office Furniture		LAMINATE TOP. SABLE BASIC T-LEGS IN CINDER #462

SIGNAGE SCHEDULE					
ITEM #	QTY	DESCRIPTION	MANUFACTURER	MODEL #	COMMENTS
D-19	1	RESTROOM SIGNAGE (MEN)	NONE	N.A.	G.C. to provide specification sheet to HD CPM for approval
D-20	1	RESTROOM SIGNAGE (WOMEN)	NONE	N.A.	G.C. to provide specification sheet to HD CPM for approval
D-21	1	RESTROOM SIGNAGE (UNISEX)	NONE	N.A.	G.C. to provide specification sheet to HD CPM for approval
D-24	1	COVER YOUR COUGH (OSHA)	NONE	N.A.	
D-25	1	MEDICAL GAS (CAUTION)	NONE	N.A.	
D-26	1	MEDICAL GAS (TANK ROOM INSTRUCTIONS)	NONE	N.A.	
D-27	4	LIFE SAFETY PLAN (FRAMED)	NONE	N.A.	
D-28	1	HVAC ZONING PLAN (FRAMED)	NONE	N.A.	

DECOR SCHEDULE					
ITEM #	QTY	DESCRIPTION	MANUFACTURER	MODEL #	COMMENTS
D-01	1	OFFICE ART	NONE	8989	
D-12	1	Smile Photo (20"x24")	NONE	Custom	Final selection by Heartland Dental operations
D-13	1	FINANCING POSTER (20"x30")	NONE	N.A.	
D-15	5	CROWNS POSTER (20"x30")	NONE	N.A.	
D-16	5	FLUORIDE POSTER (20"x30")	NONE	N.A.	
D-17	1	Periodontal Disease Poster (20"x30")	NONE	OC162_4	
D-18	1	Oral Cancer Poster (20"x30")	NONE	OC157_2	
D-22	2	Restroom Signage (Girly)	NONE	N.A.	
D-23	18	Wash Your Hands (OSHA)	NONE	N.A.	

1 FURNITURE AND DECOR PLAN
A141
1/4" = 1'-0"

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FURNITURE & DECOR PLAN
HEARTLAND DENTAL
 WINTER GARDEN
 AVALON & MARSH RD
 WINTER GARDEN, FL 34787

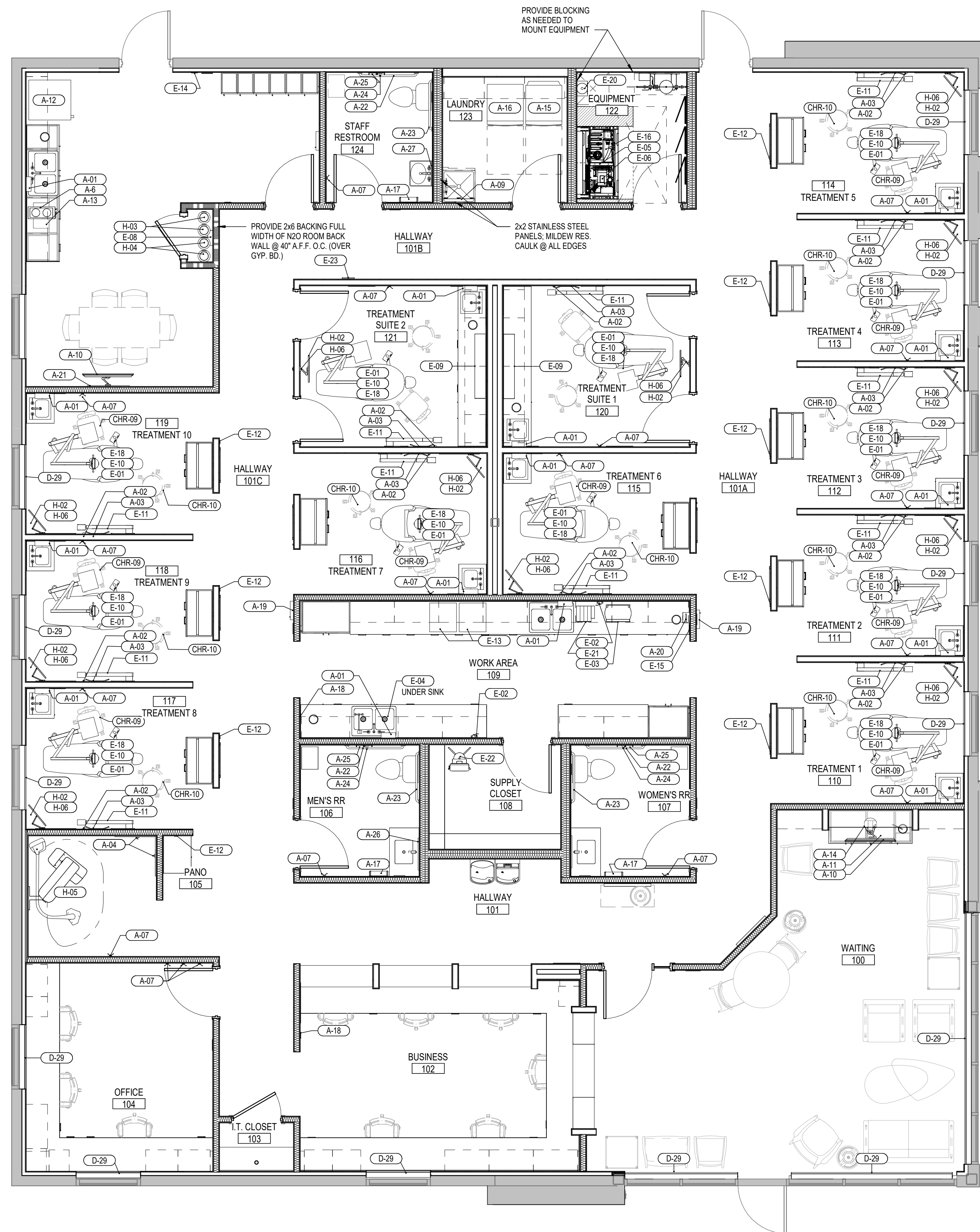
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REVISIONS:	

WILLIAM JOE FISHER
 ARCHITECT 0010829

A141

Project Date: 1/31/23
 Project No.: 223001



EQUIPMENT SCHEDULE - APPLIANCES					
MARK	QTY	DESCRIPTION	MANUFACTURER	MODEL #	COMMENTS
A-6	1	COFFEE BREWER (12 CUP)	MR. COFFEE	VBX23-NP	
A-11	1	BEVERAGE FRIDGE	EDGESTAR	BWC91SS	17" WIDE, 4.61 CU. FT., STAINLESS BLACK / STAINLESS STEEL FINISH
A-12	1	REFRIGERATOR	WHIRLPOOL	WRT318FMD5	30" WIDE, TOP FREEZER, 18 CU. FT., STAINLESS STEEL FINISH
A-13	1	MICROWAVE OVEN	WHIRLPOOL	WMC30309LS	19" WIDE, 0.9 CU. FT., 900 WATT COOKING POWER, STAINLESS STEEL FINISH
A-14	1	COFFEE BREWER	KEURIG	B140 OFFICE PRO	
A-15	1	FRONT LOAD WASHER	WHIRLPOOL	WFW5605MW	27" WIDE, 4.5 CU. FT., WHITE FINISH ACCESSORIES: PROFLO 72" EPDM RUBBER WASHER HOSE IN BLACK (PFWMH6PR) WHIRLPOOL 1" STACKING KIT (W1086845) *ONLY REQUIRED WHEN WASHER/DRYER ARE IN STACKED CONFIGURATION, REFER TO PLANS
A-16	1	FRONT LOAD DRYER	WHIRLPOOL	WED5605MW	27" WIDE, 7.4 CU. FT., WHITE FINISH ACCESSORIES: DEFLECTO SUPPERR-FLEX 4" x 5" ALUMINUM FLEX DRYER DUCT W/ CLAMP PRIME 30-AMP 4, 4-WIRE 120/250V DRYER CORD **ONLY REQUIRED FOR 4-WIRE RECEPTACLES, REFER TO ELECTRICAL DWGS

EQUIPMENT SCHEDULE - ACCESSORIES PRO					
Item #	Count	Description	Manufacturer	Model #	Comments
A-01	15	PAPER TOWEL HOLDER	BOBRICK	B-262	OWNER TO VERIFY MOUNTING LOCATIONS
A-02	12	X-RAY BUMPER GUARD	NATIONAL HARDWARE	V337	
A-07	19	COAT HOOK	NATIONAL HARDWARE	V163	OWNER TO VERIFY MOUNTING LOCATIONS
A-09	1	Mop / Broom Holder	Bobrick	B-223 x 24	
A-17	3	HAND DRYER	Bobrick	B-7128	G.C. TO PROVIDE BLOCKING & POWER REQUIRED FOR INSTALLATION
A-19	3	Recessed Fire Extinguisher Cabinet	Ambassador	1710	
A-21	1	Dry Erase Board (30x18)			
A-22	3	42" HORIZONTAL GRAB BAR	Bobrick	B-5806 x 42	
A-23	3	36" HORIZONTAL GRAB BAR	Bobrick	B-5806 x 36	
A-24	3	18" VERTICAL GRAB BAR	Bobrick	B-5806 x 18"	
A-25	3	RECESSED TISSUE PAPER DISPENSER	Bobrick	B-699	
A-26	2	MIRROR (24" x 42")	NONE	N.A.	
A-27	1	MIRROR (18" x 30")	NONE	N.A.	

EQUIPMENT SCHEDULE - DENTAL EQUIPMENT PROVIDER					
Item #	Count	Description	Manufacturer	Model #	Comments
A-03	12	LEAD APRON HANGER			
A-4	1	PANO APRON HANGER			OWNER TO VERIFY MOUNTING LOCATIONS
A-04	1	PANO APRON HANGER			OWNER TO VERIFY MOUNTING LOCATIONS
CHR-09	12	DOCTOR'S CHAIR	BREWER	3125B	
CHR-10	12	ASSISTANT STOOL	BREWER	3145L	
E-01	12	UTILITY CENTER	DCI	SERIES 5	
E-02	2	AIR LINE & VALVE	N.A.	N.A.	
E-03	1	Ultrasonic Cleaner	HENRY SCHEIN	Maxisweep S3100	
E-04	1	Plaster Trap	BUFFALO DENTAL	Trap-Eze S2100	
E-05	1	Air Compressor	AIR TECHNIQUES	Airstar 70	
E-06	1	Vacuum Pump, Dry	AIR TECHNIQUES	Mojave 2V5	
E-08	1	MED-GAS MANIFOLD SYSTEM	PARKER PORTER	3222 CX (Wall)	
E-09	2	NITROUS OXIDE FLOWMETER	PARKER PORTER	MXR-1	
E-10	12	DENTAL LIGHT	DCI	SERIES 5	
E-11	12	INTRARAY X-RAY SYSTEM	KAVO	FOCUS	REFER TO BLOCKING DETAILS
E-12	12	X-RAY REMOTE BUTTON			
E-13	2	Autoclave / Sterilizer	MIDMARK	M11 Ultraclave	110 volt dedicated outlet
E-14	1	Control Panel (3 Switch)	AIR TECHNIQUES	53250	
E-15	1	N2O-O2 System Alarm	PARKER PORTER	Sentinel	110 volt outlet above ceiling
E-16	1	STORAGE TANK	AIR TECHNIQUES	MT10	
E-18	12	PATIENT CHAIR	DCI	SERIES 5	
E-20	1	AMALGAM SEPARATOR	SOLETEX	NXT Hg5	See Plumbing
E-21	1	QUATTRO CARE	KAVO	Element	1/4" air line with 58 to 87 psi air pressure, 45 psi max.
E-22	1	Intraoral Scanner	ITERO	Element	8" min. clear floor space required
E-23	1	MED-GAS SHUT-OFF ZONE VALVE	Parker Porter	Sentinel 9000-1	
H-03	2	N2O STORAGE TANK	AIRGAS		493 Cu. Ft. capacity
H-04	2	O2 STORAGE TANK	AIRGAS		251 Cu. Ft. capacity
H-05	1	Digital Panoramic System	KAVO	OP2D	
H-06	12	WALL ARM MOUNT	ICW	UL500-W3-A2-QG	

EQUIPMENT SCHEDULE - HEARTLAND I.T.					
Item #	Count	Description	Manufacturer	Model #	Comments
A-10	2	LED Television 42"	NONE		
A-18	3	SPEAKER CONTROL BOX	NONE		Low Voltage contractor to provide and install controls; to provide empty junction box
A-20	1	AED Defibrillator	HeartSine	350P	
H-02	12	19" LCD MONITOR	PHILLIPS		Mounted to wall arm mount

EQUIPMENT SCHEDULE - MISCELLANEOUS					
Item #	Count	Description	Manufacturer	Model #	Comments
D-29	15	Blinds	NONE	N.A.	

1 EQUIPMENT PLAN
A151
1/4" = 1'-0"

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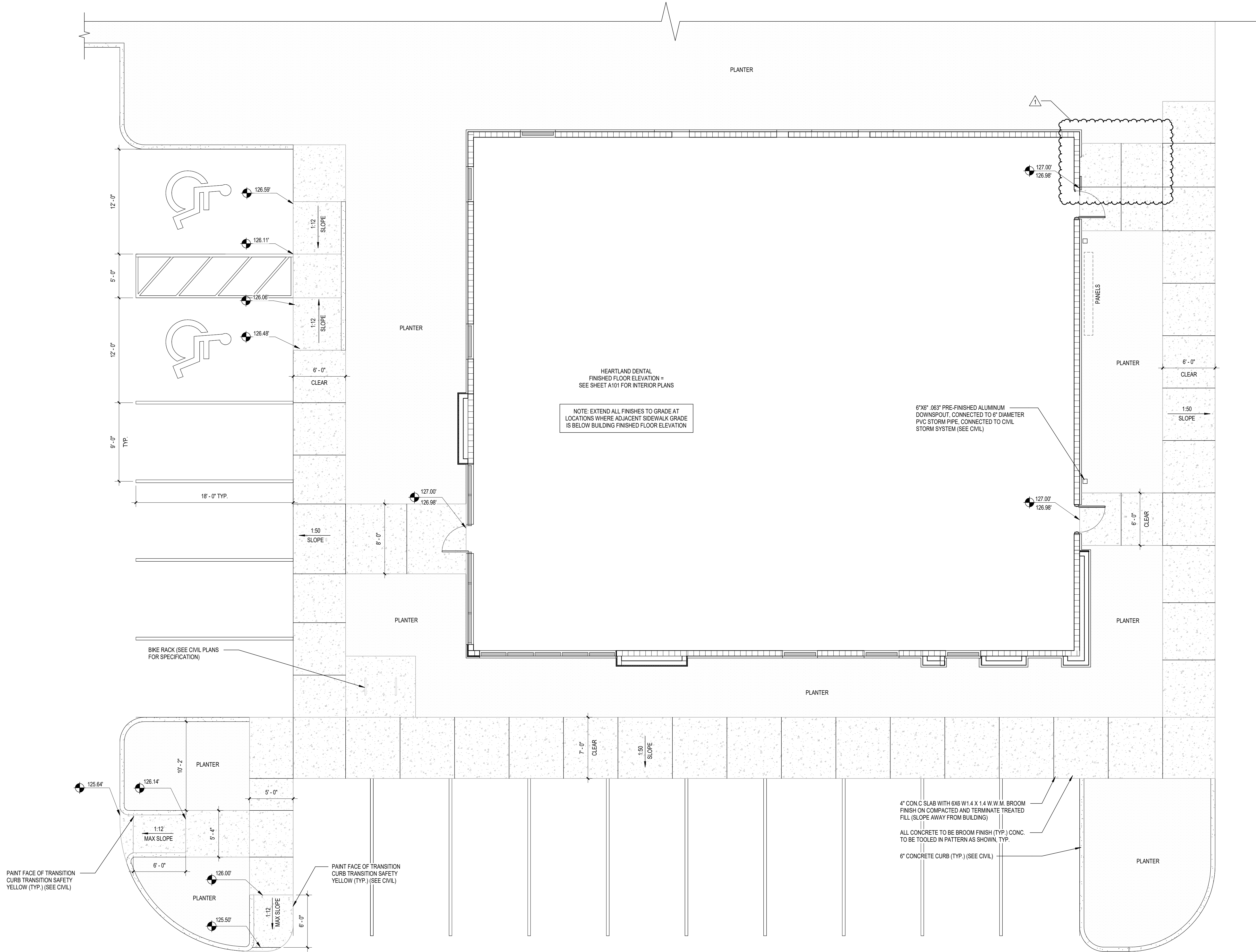
EQUIPMENT PLAN
HEARTLAND DENTAL
WINTER GARDEN
AVALON & MARSH RD
WINTER GARDEN, FL 34787

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NO.	DATE	DESCRIPTION

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 ARCHITECT 0010829
A151
 Project Date: 1/31/23
 Project No.: 223001



1 FLOOR PLAN
 A160 3/16" = 1'-0"

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SHELL SIDEWALK PLAN
HEARTLAND DENTAL
 WINTER GARDEN
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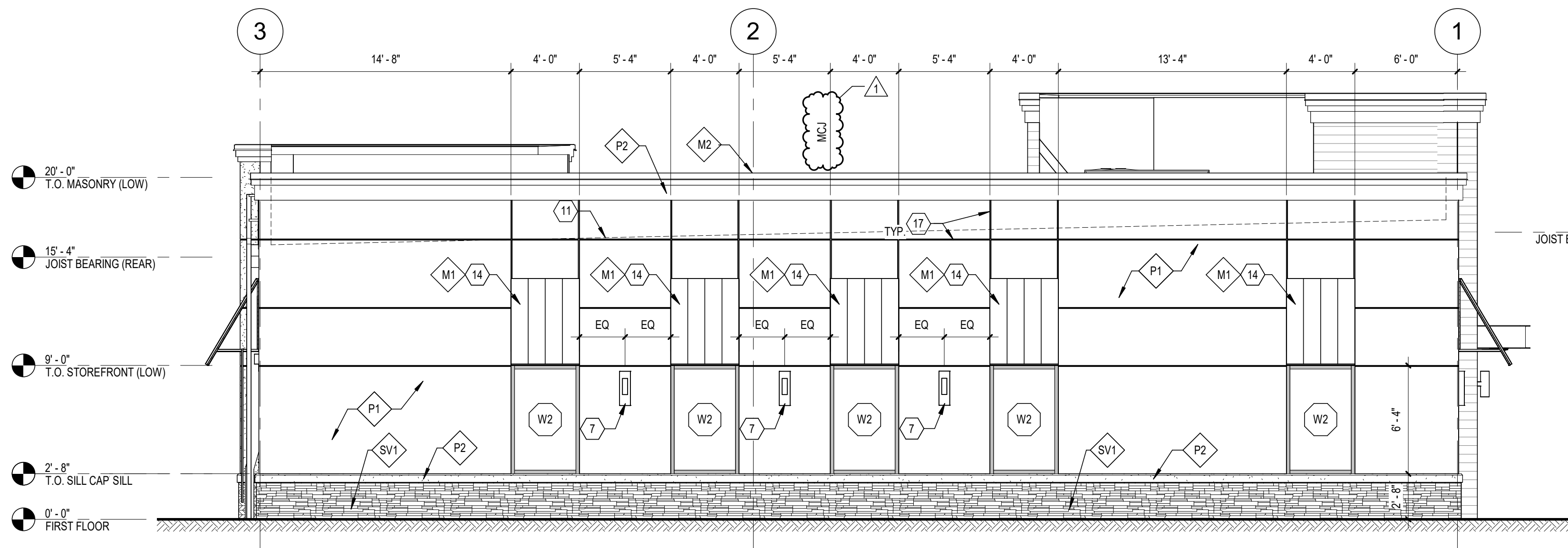
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△ REV-CMNT	12.08.23

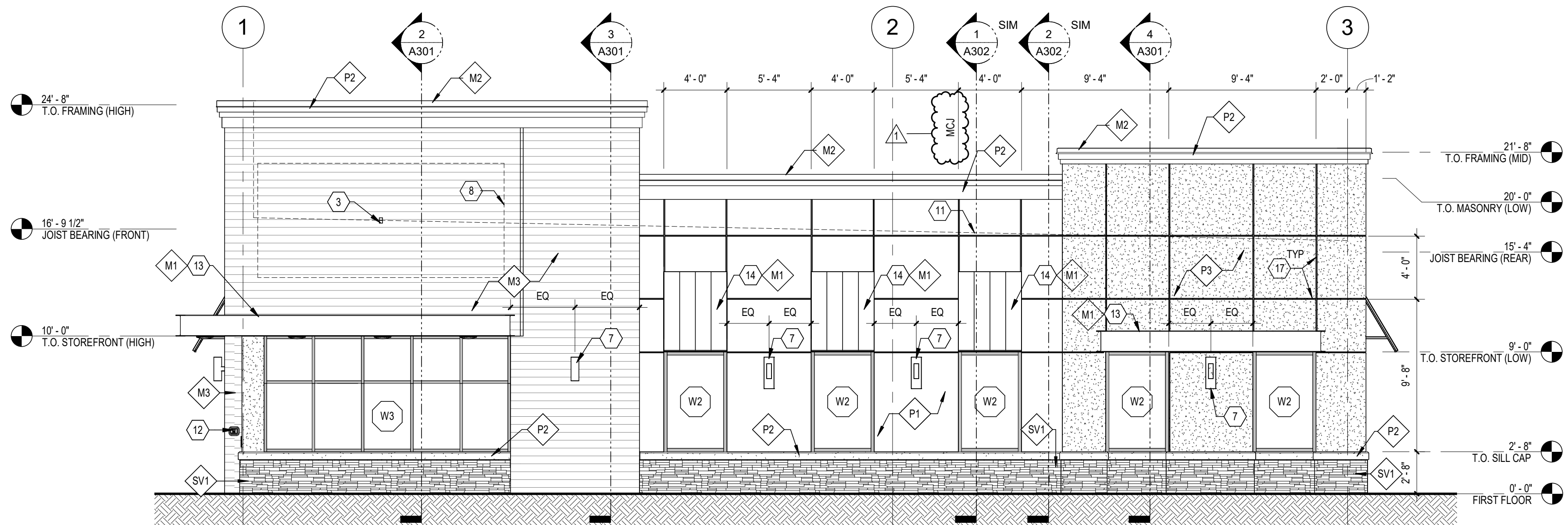
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 ARCHITECT 0010829

A160
 Project Date: 1/31/23
 Project No.: 223001

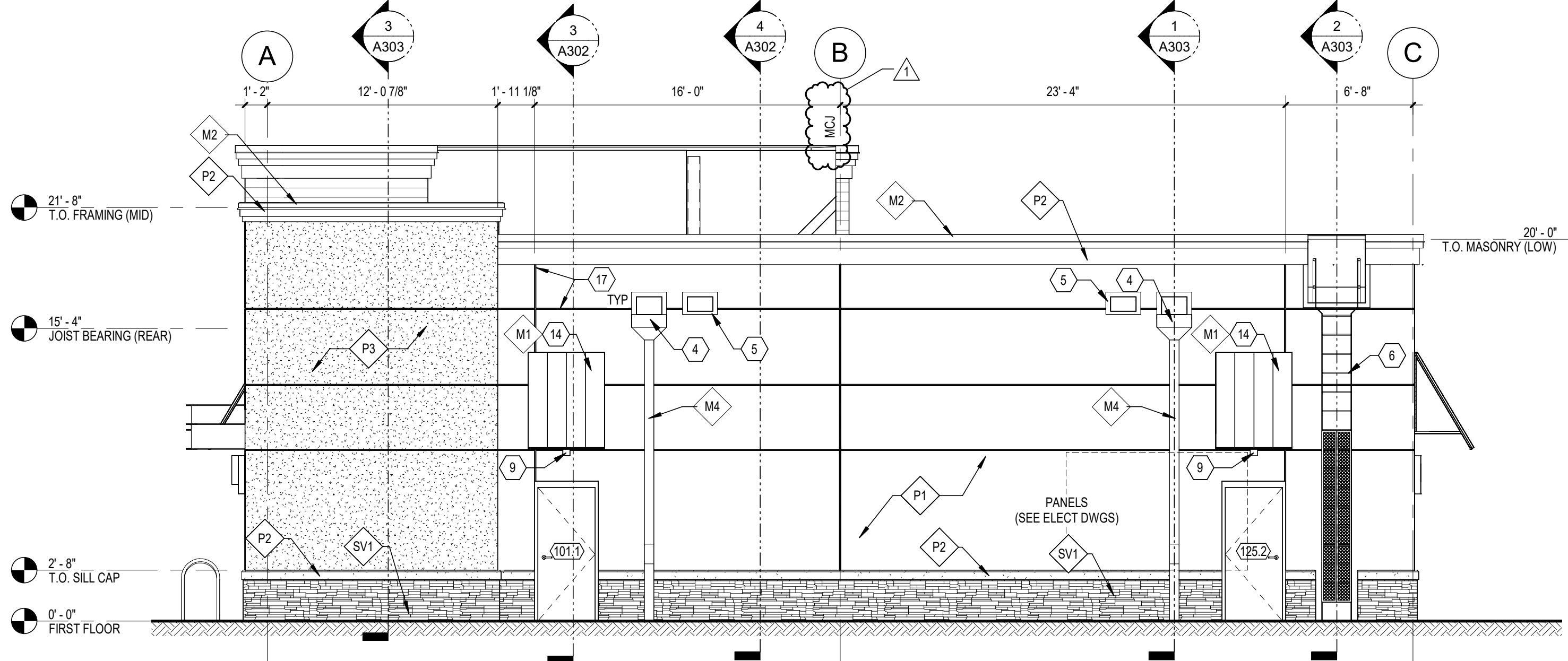
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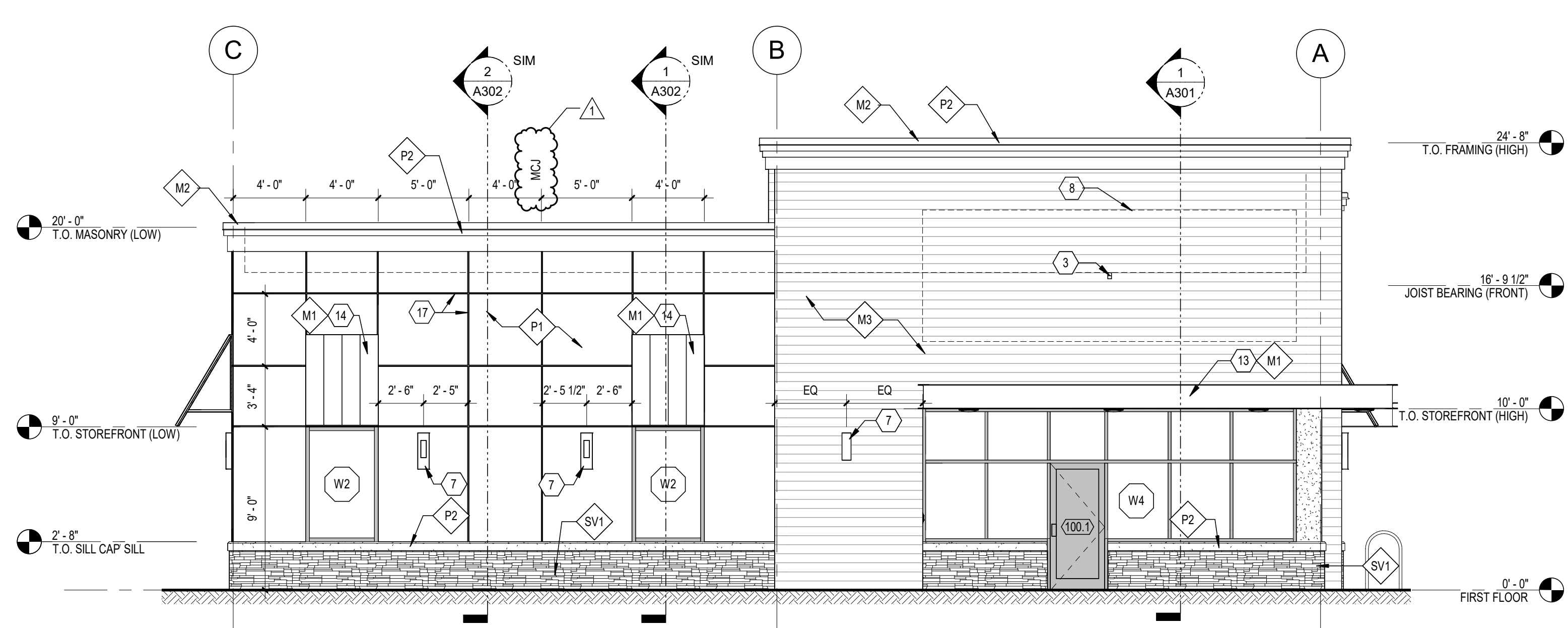
1 WEST ELEVATION
A200



2 EAST ELEVATION
A200



4 SOUTH ELEVATION
A200



3 NORTH ELEVATION
A200

COLOR LEGEND

PAINT

- P1 SHERWIN-WILLIAMS #SW7015, 'REPOSE GREY'
- P2 SHERWIN-WILLIAMS #SW7004, 'SNOWBOUND'
- P3 SHERWIN-WILLIAMS #SW7017, 'DORIAN GRAY'

STONE

- SV1 ELDORADO STONE STACKED STONE DARK RUNDLE

MISCELLANEOUS

- M1 KYNAR PAINTED ALUM. CANOPY PRE-FINISHED TO MATCH 'DARK BRONZE' BY 'PAC-CLAD'
- M2 DRIP EDGE COLOR: PRE-FINISH ALUMINIUM, MATCH P2
- M3 LONGBOARD ALUMINUM SIDING 6" V GROOVE LIGHT NATIONAL WALNUT*
- M4 PRE-FINISHED ALUMINIUM - CLEAR ANODIZED

* PRE-FINISHED 6" V-GROOVE ALUMINUM PLANK SIDING PANELS & ASSOCIATED TRIM BY LONGBOARD, G.C. TO CONTACT THE NATIONAL ACCOUNT REPRESENTATIVE FOR LONGBOARD TO ORDER THE MATERIAL DIRECT.

CONTACT: ADAM COSSICK, NATIONAL BRANDS SEGMENT LEADER (800) 604-0343 (PST) OR (770) 530-3863 (EST). ACOSICK@LONGBOARDPRODUCTS.COM.

GENERAL NOTES

1. CONTRACTOR TO SUBMIT SAMPLES FOR ALL EXTERIOR FINISHES AND COLORS FOR OWNER / ARCHITECT APPROVAL PRIOR TO COMMENCEMENT OF BLOCK INSTALLATION.
2. SAMPLES MUST BE APPROVED BY ARCHITECT AND OWNER PRIOR TO FINISH INSTALLATIONS.
3. COORDINATE STRUCTURAL JOINTS WITH STUCCO JOINTS.
4. PAINT ELECTRICAL CONDUIT BOXES AND METERS TO MATCH ADJACENT BUILDING COLOR.
5. COPING CAP COLOR TO MATCH PLASTER WALL.

KEYED NOTES

NOTE: NOT ALL NOTES STATED BELOW ARE NOTED ON THIS PLAN

- 1 4" CONC SLAB ON 10 MIL VAPOR BARRIER ON COMPACTED & TERMITED TREATED BASE, SEE STRUCT DWGS
- 2 ALUM. EQUIPMENT STAND BY PRECISION ALUM FL#18921.1
- 3 SIGNAGE J-BOX ABOVE, (TYP.) (SEE ELEVATION) (SEE ELECTRICAL)
- 4 THROUGH-WALL SCUPPER / CONDUCTOR HEAD / 6"x6" PRE-FINISHED ALUMINUM RAIN LEADER D.S. CONNECTED TO UNDERGROUND STORM COLLECTION SYSTEM, COORD W/ CIVIL DWGS. REFER TO TYPICAL DETAIL SHEET A503.
- 5 THROUGH-WALL OVERFLOW SCUPPER, REFER TO DETAIL ON SHEET A503.
- 6 ROOF ACCESS LADDER W/ SECURITY GATE, SEE DETAILS ON SHEET A502.
- 7 WALL MOUNTED LIGHT FIXTURE (TYP.) (SEE ELECTRICAL)
- 8 PROPOSED LOCATION FOR TENANT SIGNAGE DESIGNED, PERMITTED & INSTALLED BY OTHERS. REFER TO ELECT DWGS FOR POWER REQUIREMENTS.
- 9 WALL MOUNTED EMERGENCY EXIT LIGHT (TYP.) (SEE ELECTRICAL)
- 10 RECESSED CANOPY SOFFIT LIGHTS (SEE ELECTRICAL), COLOR TO MATCH CANOPY.
- 11 ROOF LINE BEYOND
- 12 RECESSED KNOX BOX LOCATION, CONFIRM MOUNTING HEIGHT & LOCATION WITH FIRE MARSHAL.
- 13 PRE-ENGINEERED ALUMINUM CANOPY, SEE DETAILS ON SHEET A504. ALUMINUM SOFFIT COLOR: NATURA WOOD GRAIN
- 14 PRE-ENGINEERED STANDING SEAM AWNINGS, SEE WALL SECTIONS, UNDERSIDE OF STANDING SEAM & AWNING FRAME PAINTED M1, SEE A201 COLOR LEGEND
- 15 ROOF CRICKET SLOPED 1/2" IN 12.
- 16 ROOF TOP UNIT ON CURB.
- 17 CHANNEL SCREED

SIGNAGE NOTES:

1. BUILDING WALL SIGNS: PERMITTED SEPARATELY BY OTHERS.
2. MONUMENT SIGNS: PERMITTED SEPARATELY BY OTHERS.

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EXTERIOR ELEVATIONS
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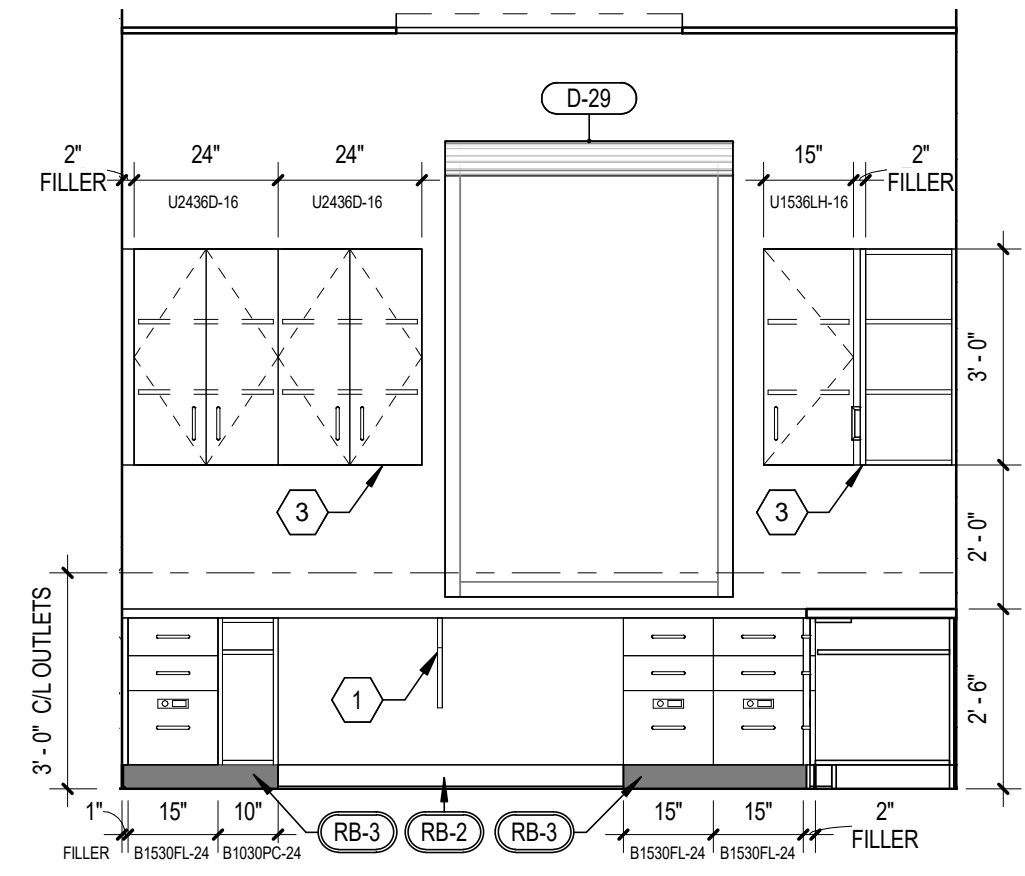
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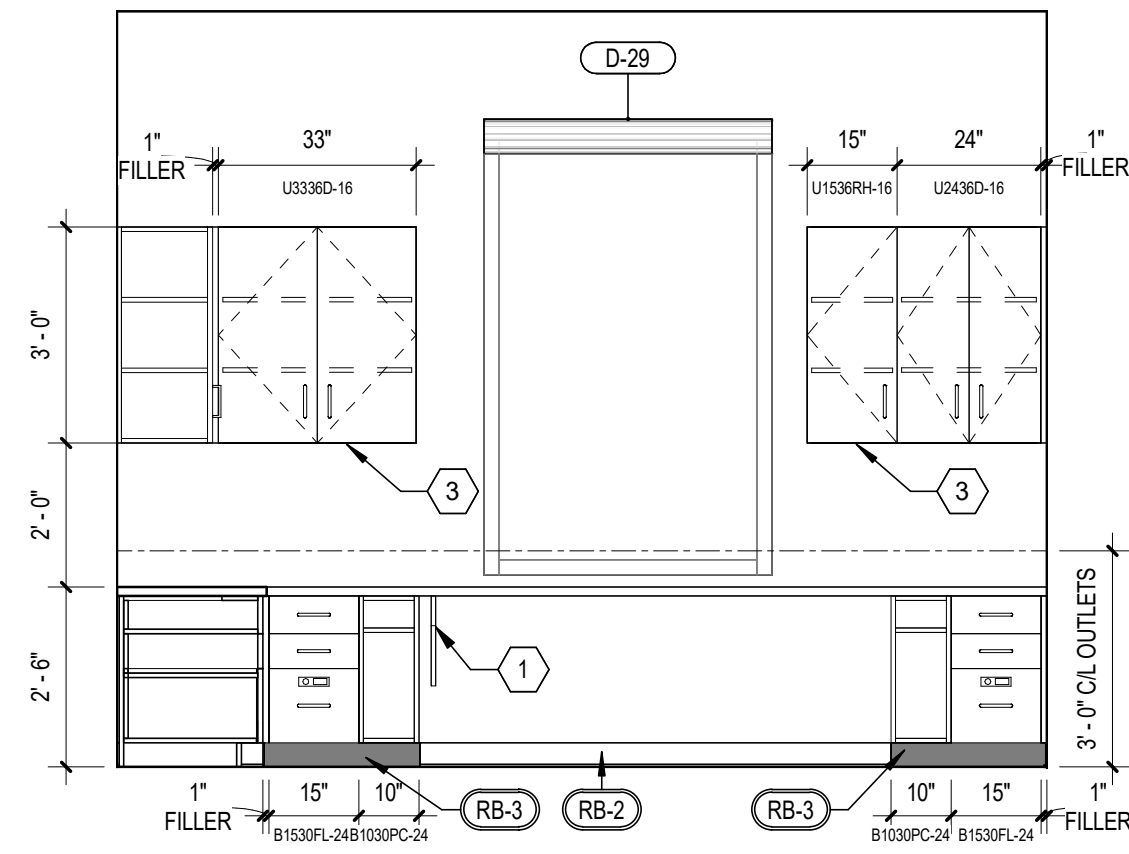
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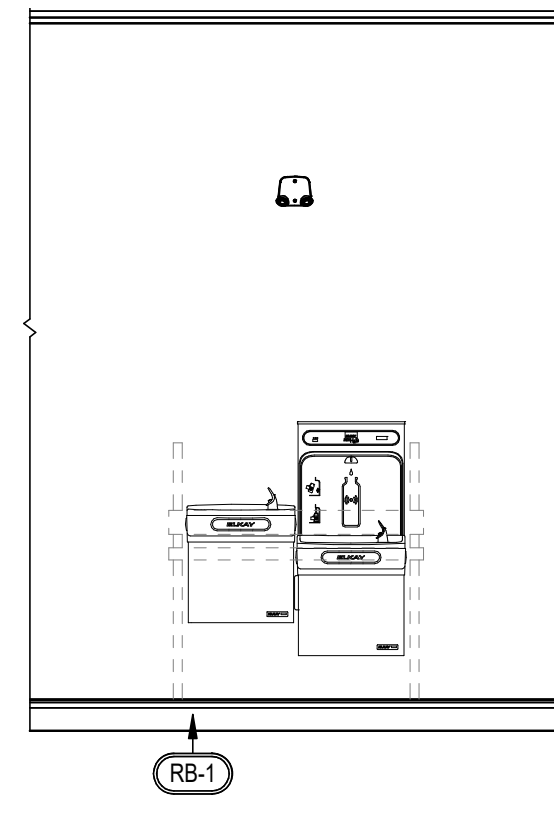
A200
 Project Date: 1/31/23
 Project No.: 223001



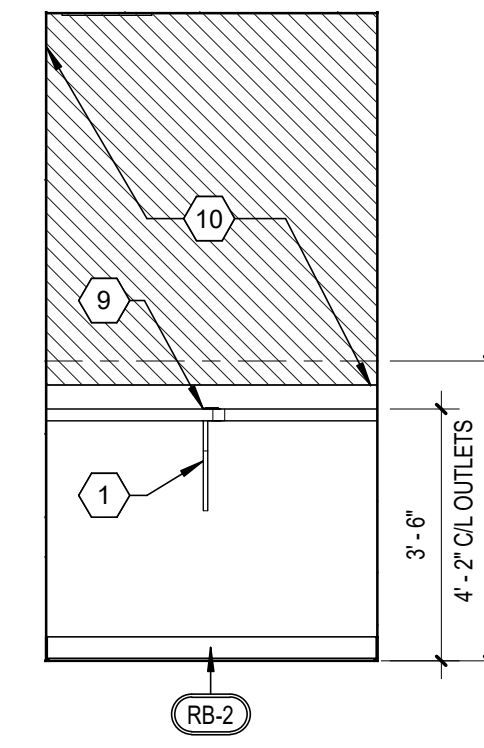
10 INTERIOR ELEVATION @ OFFICE 104
A211 3/8" = 1'-0"



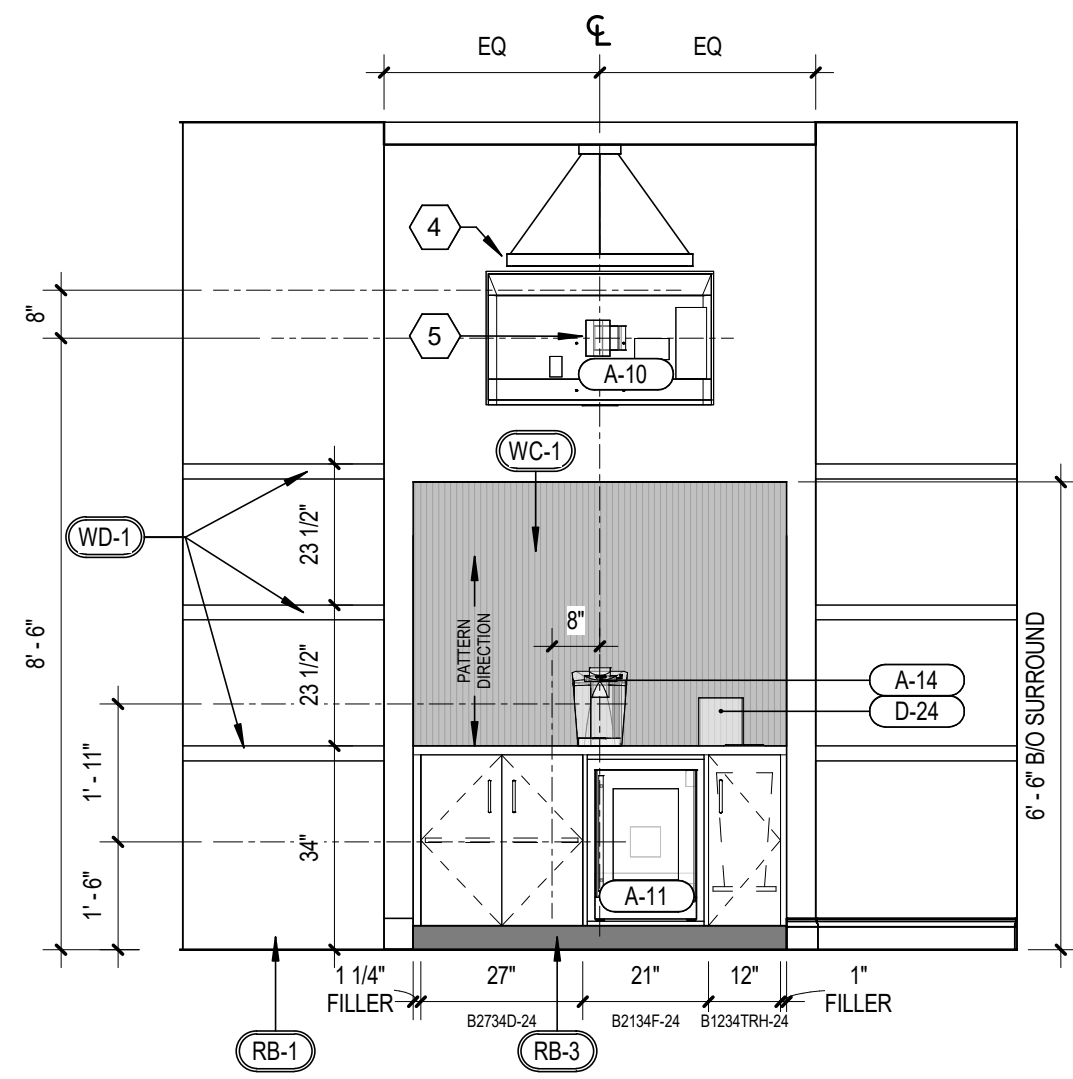
9 INTERIOR ELEVATION @ OFFICE 104
A211 3/8" = 1'-0"



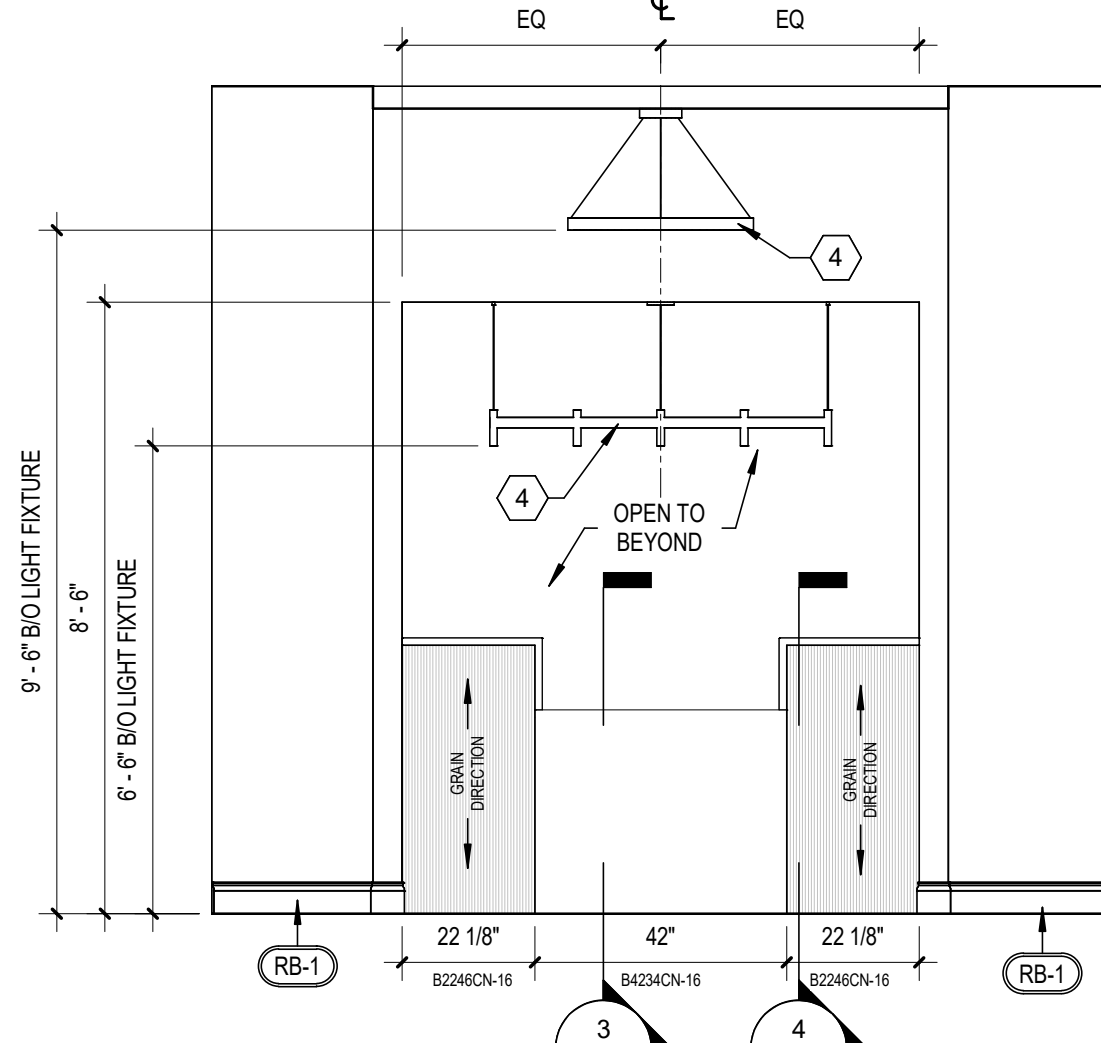
8 INTERIOR ELEVATION @ HALLWAY 101
A211 3/8" = 1'-0"



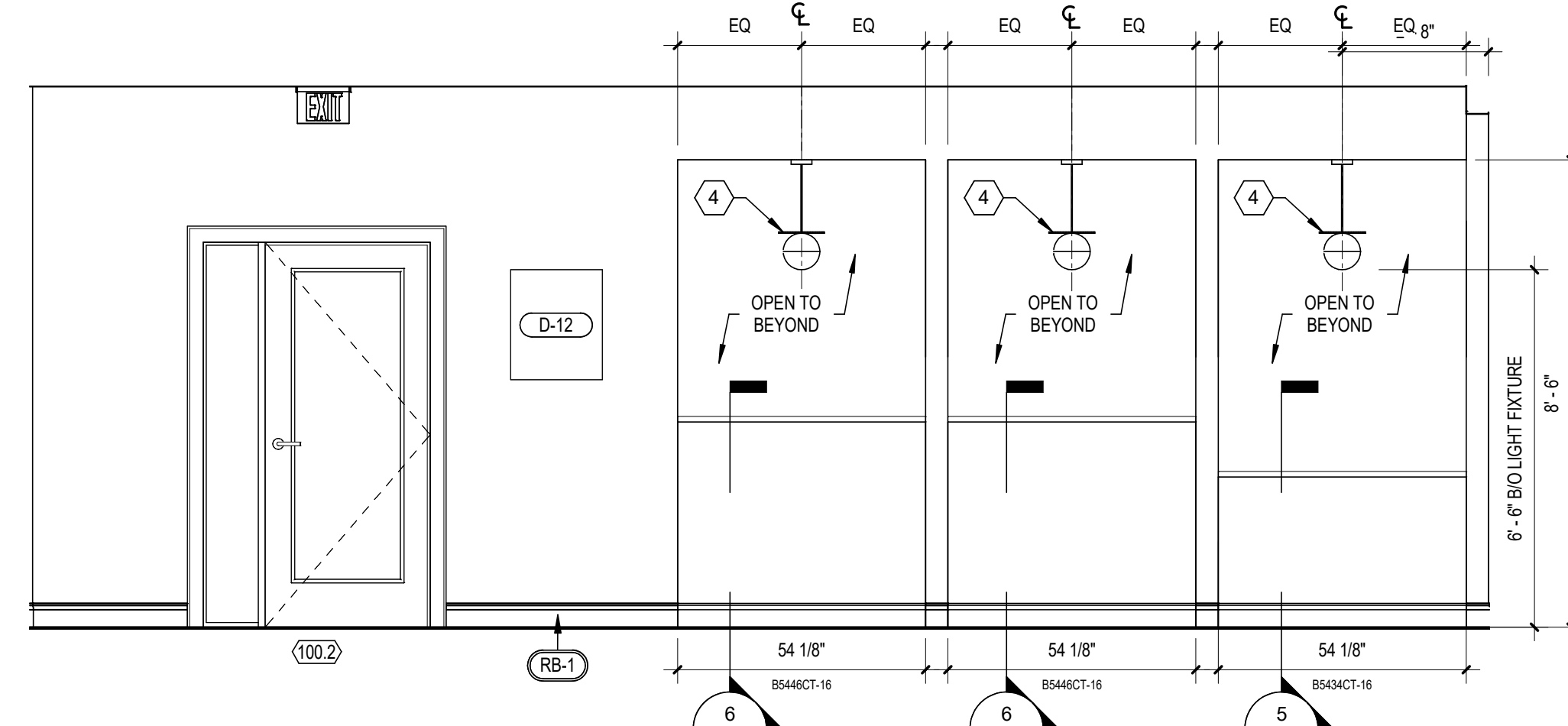
7 INTERIOR ELEVATION @ I.T. 103
A211 3/8" = 1'-0"



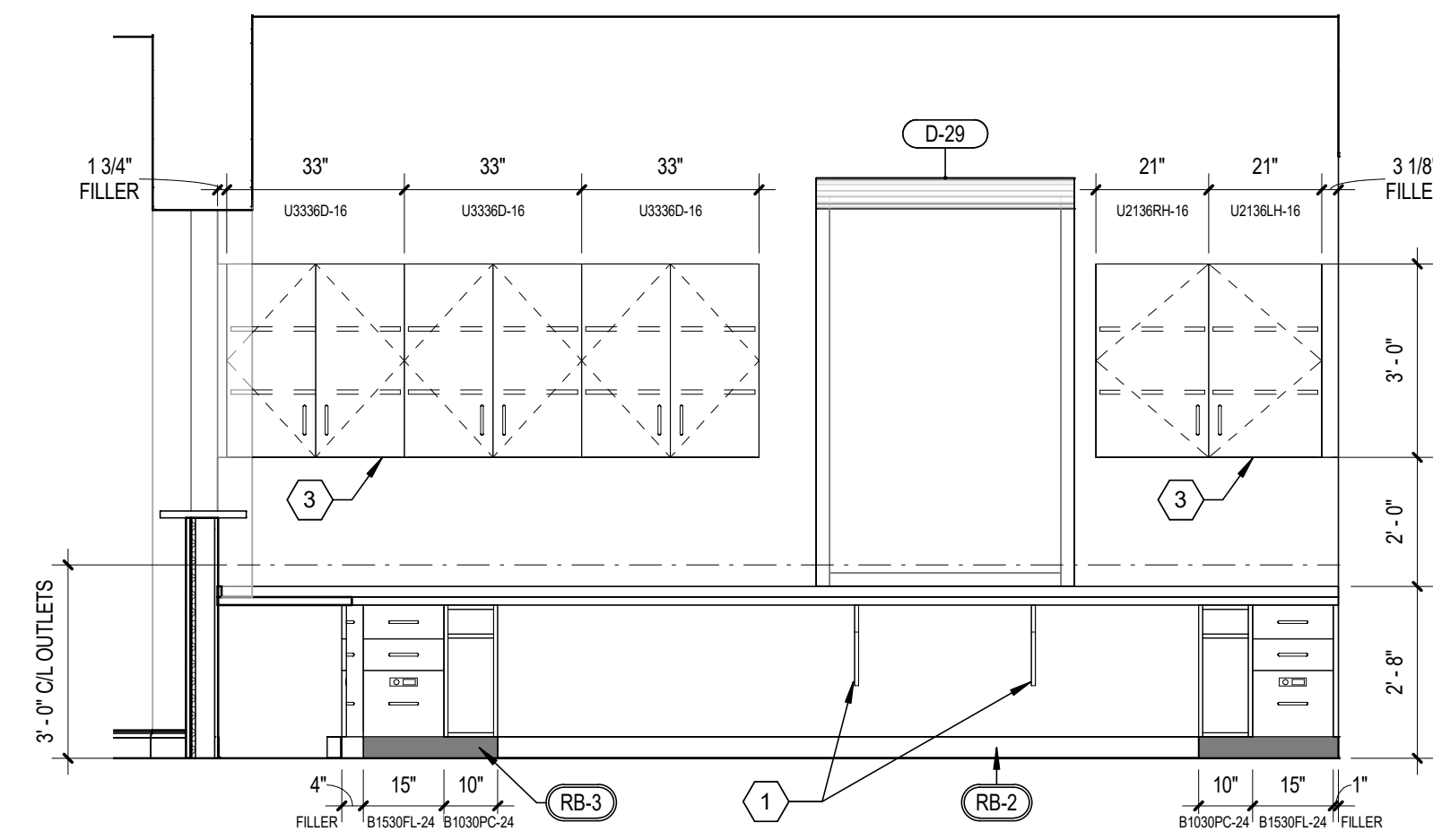
6 INTERIOR ELEVATION @ BEVERAGE STATION
A211 3/8" = 1'-0"



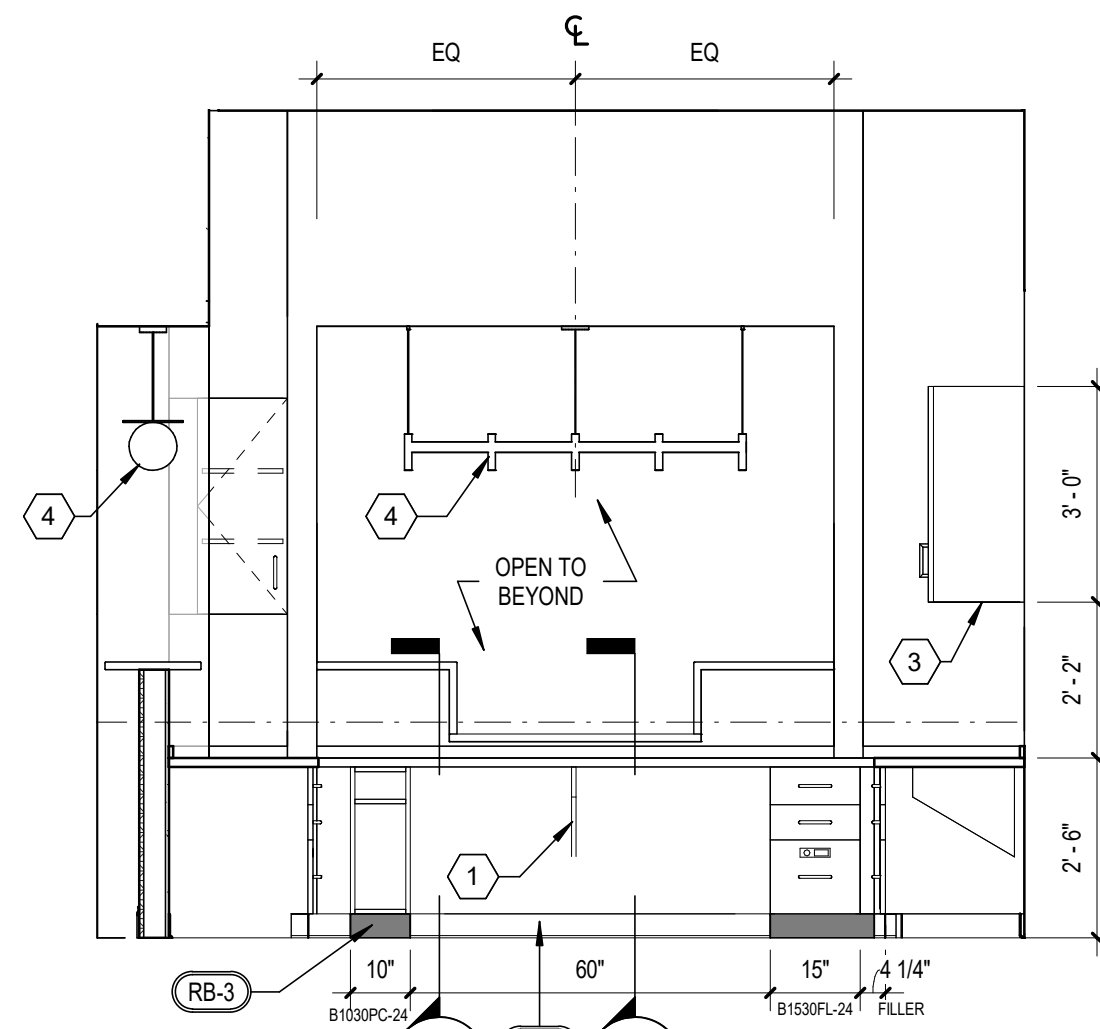
5 INTERIOR ELEVATION @ CHECK-IN
A211 3/8" = 1'-0"



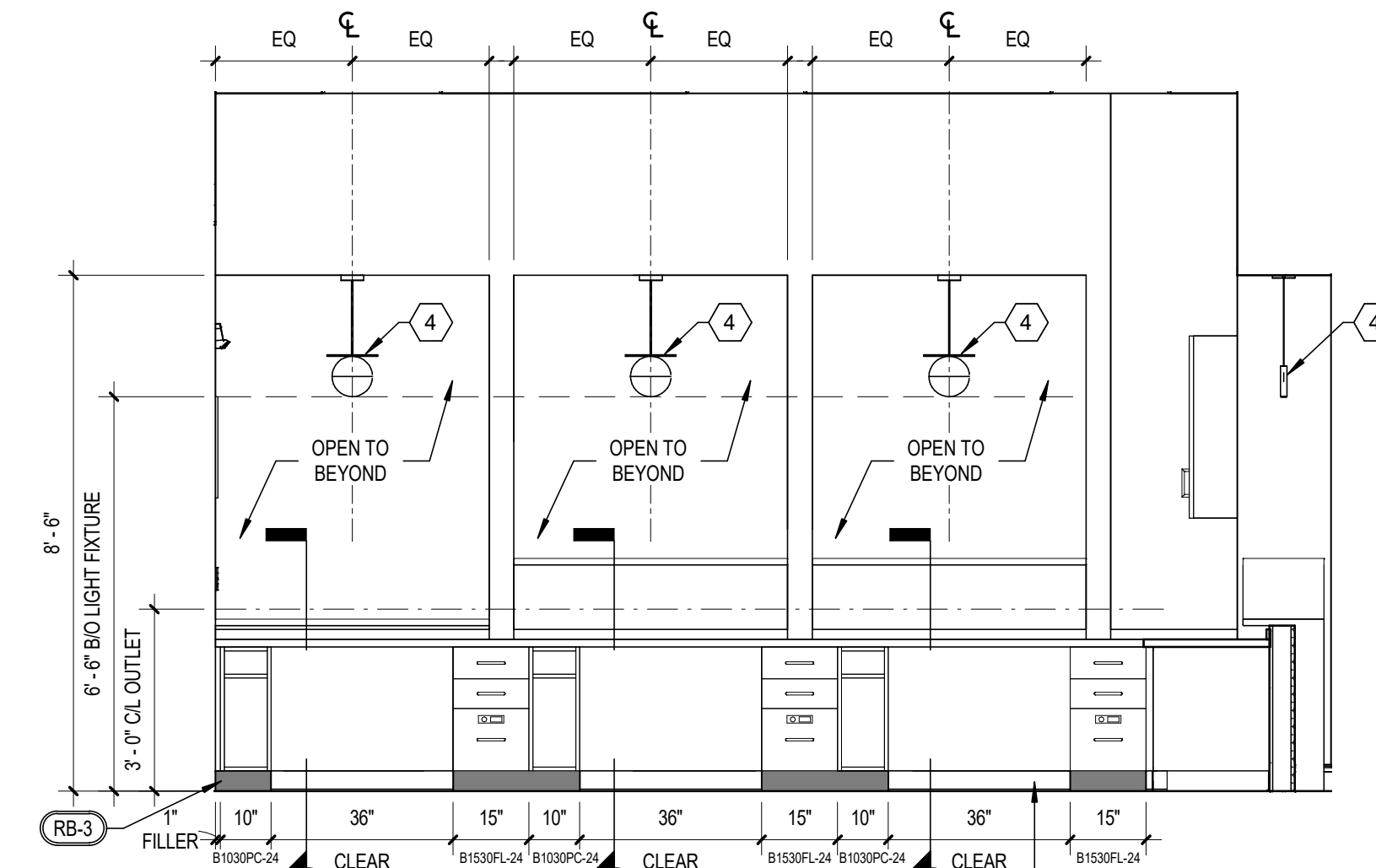
4 INTERIOR ELEVATION @ CHECK-OUT
A211 3/8" = 1'-0"



3 INTERIOR ELEVATION @ BUSINESS 102
A211 3/8" = 1'-0"



2 INTERIOR ELEVATION @ BUSINESS 102
A211 3/8" = 1'-0"



1 INTERIOR ELEVATION @ BUSINESS 102
A211 3/8" = 1'-0"

GENERAL NOTES

- REFER TO ELECTRICAL DRAWINGS FOR OUTLET AND JUNCTION BOX SCOPE
- BLINDS INSTALLED AND PROVIDED BY OWNER'S BLINDS CONTRACTOR. PROVIDE 4" MIN CLEAR BETWEEN CABINETS AND WINDOW MUNTIN FRAME EDGE AT FULL HEIGHT STOREFRONT WINDOWS. GC TO PROVIDE BLOCKING AS REQUIRED.

(X) INTERIOR ELEVATION DRAWING NOTES

- COUNTERTOP SUPPORTS AS REQUIRED (4'-0" O.C. MAX)
- UNDER-CABINET LIGHTING; REFER TO ELECTRICAL DWGS
- DECORATIVE LIGHT FIXTURE; REFER TO ELECTRICAL DWGS
- G.C. TO PROVIDE BLOCKING; REFER TO BLOCKING DETAILS FOR MORE INFORMATION
- G.C. TO MODIFY CABINET AS REQUIRED TO ALLOW PLASTER TRAP (E-04) TO SIT ON FLOOR UNDER CABINET
- PROVIDE 6" SOUND BATT INSULATION OVER CEILING TILE & GRID
- 11" DEEP SHELING ON WALL SUPPORTS. 1/4" ROUND HANGING RODS TO BE SUSPENDED FROM EACH SHELF W/ (1) 1/4" x 1/2" ZINC-PLATED STEEL EYE BOLTS & NUTS
- 18" DEEP COUNTERTOP W/ 4" BACKSPASH AND 2" WIRE GROMMET AS SHOWN. REFER TO FINISH SCHEDULE
- 3/4" FIRE-RETARDANT TREATED PLYWOOD BACKER BOARD TO FINISH CEILING. DO NOT PAINT

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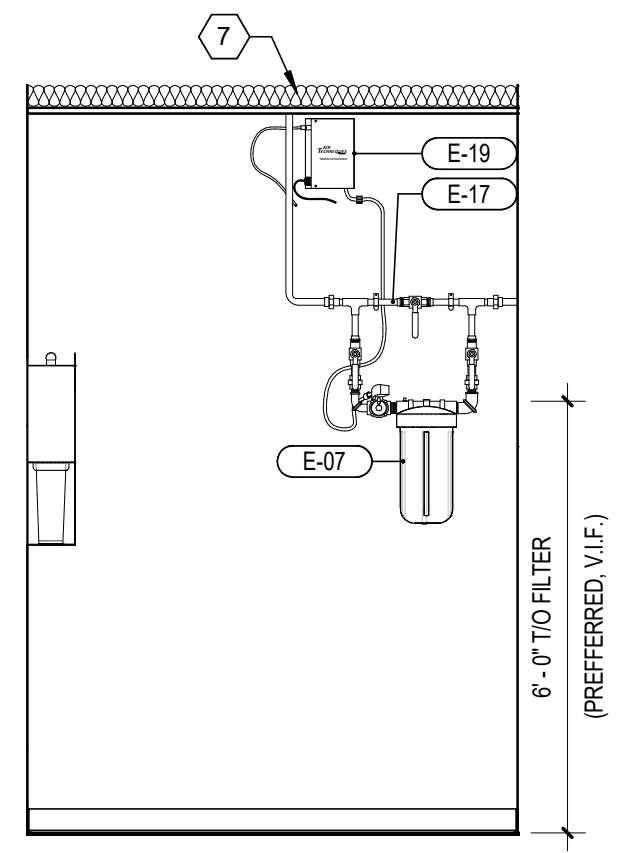
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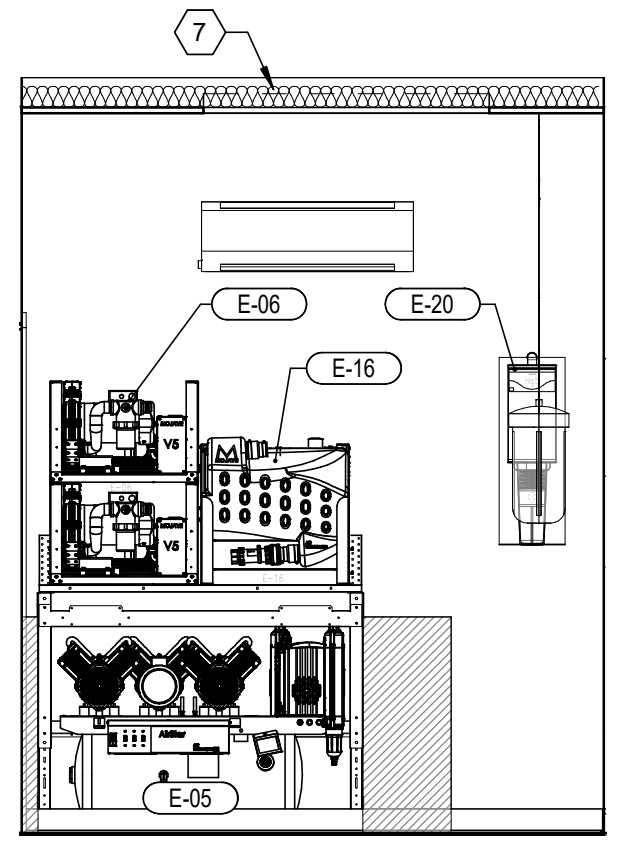
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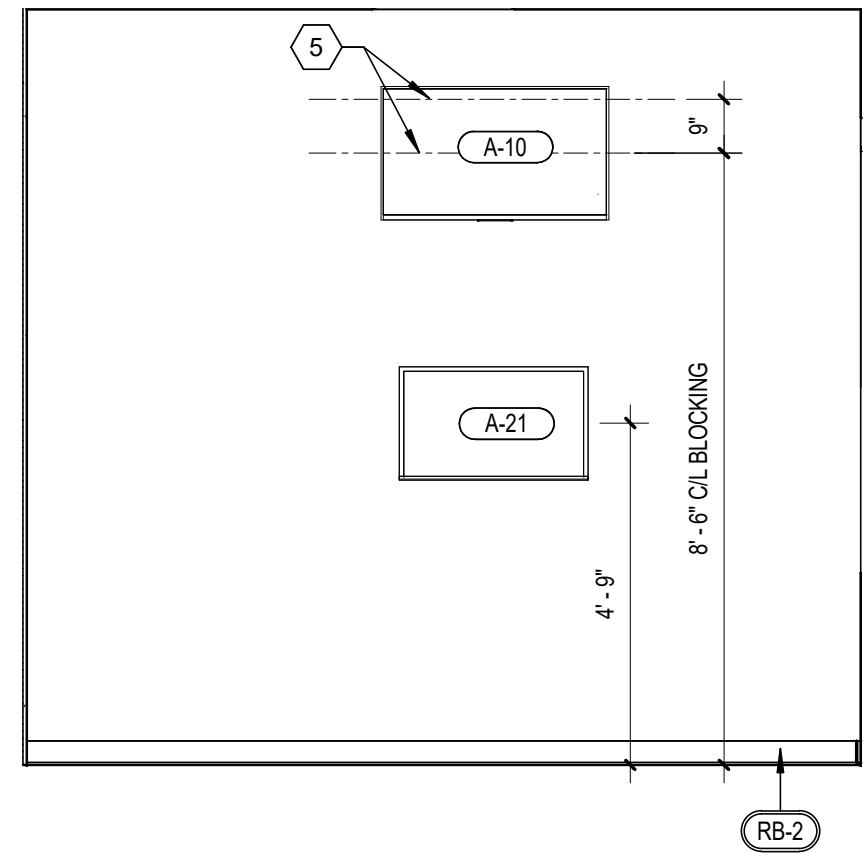
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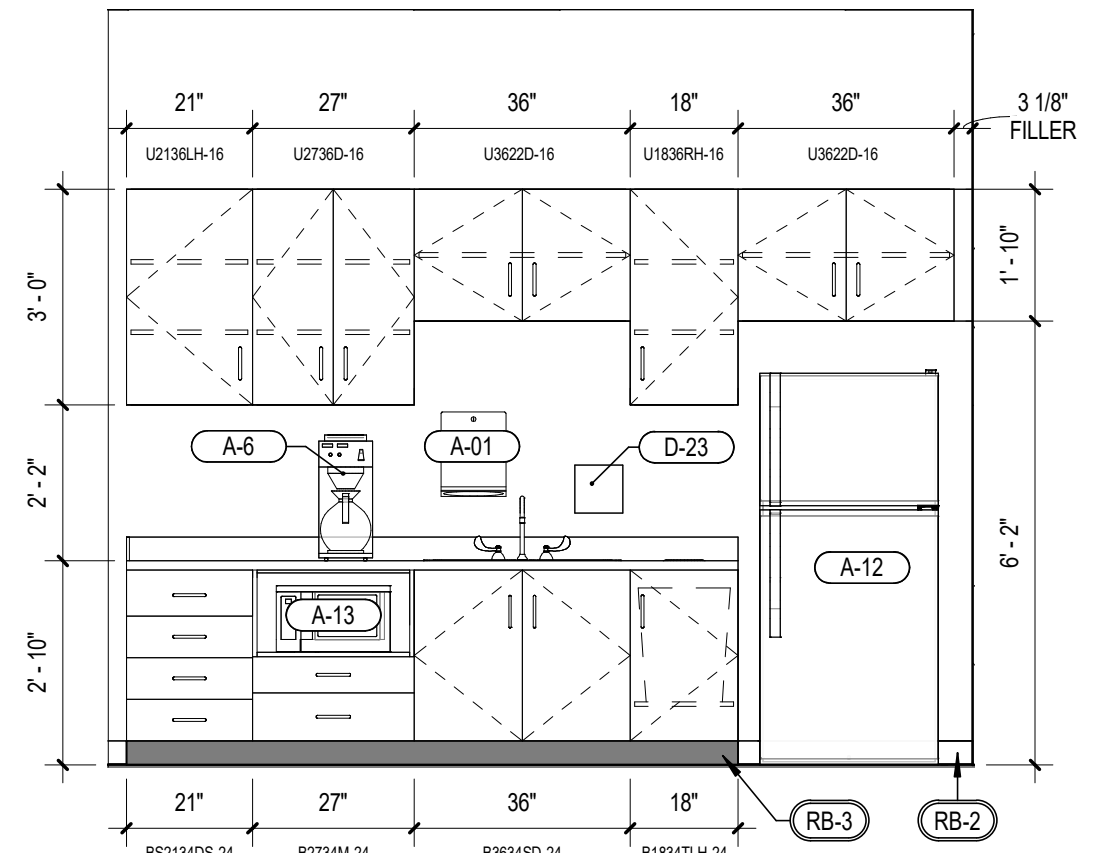
13 INTERIOR ELEVATION @ EQUIP 122
A212 3/8" = 1'-0"



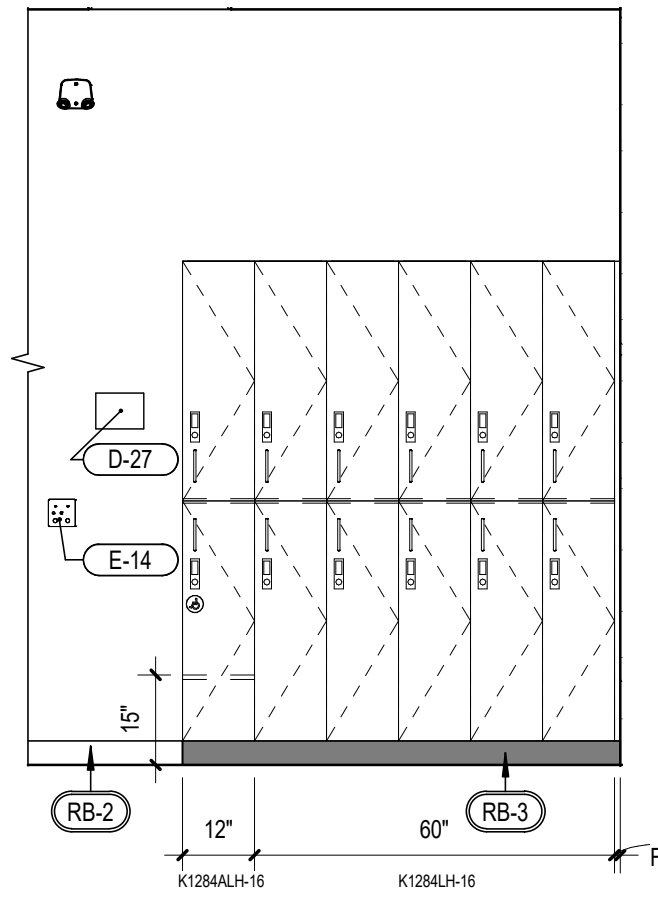
12 INTERIOR ELEVATION @ EQUIP 122
A212 3/8" = 1'-0"



11 INTERIOR ELEVATION @ BREAK RM 125
A212 3/8" = 1'-0"

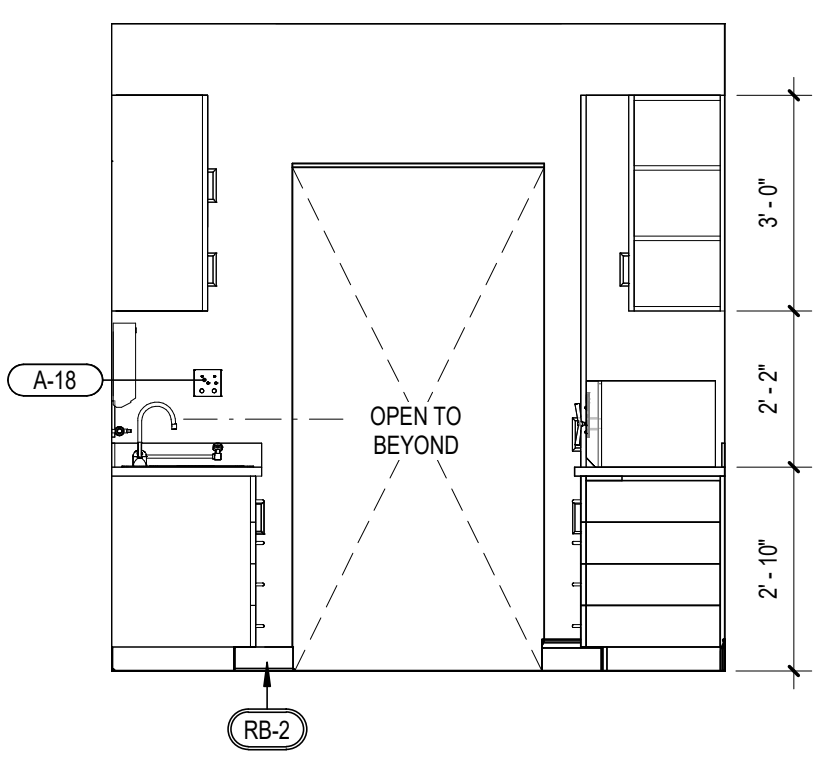


10 INTERIOR ELEVATION @ BREAK RM 125
A212 3/8" = 1'-0"

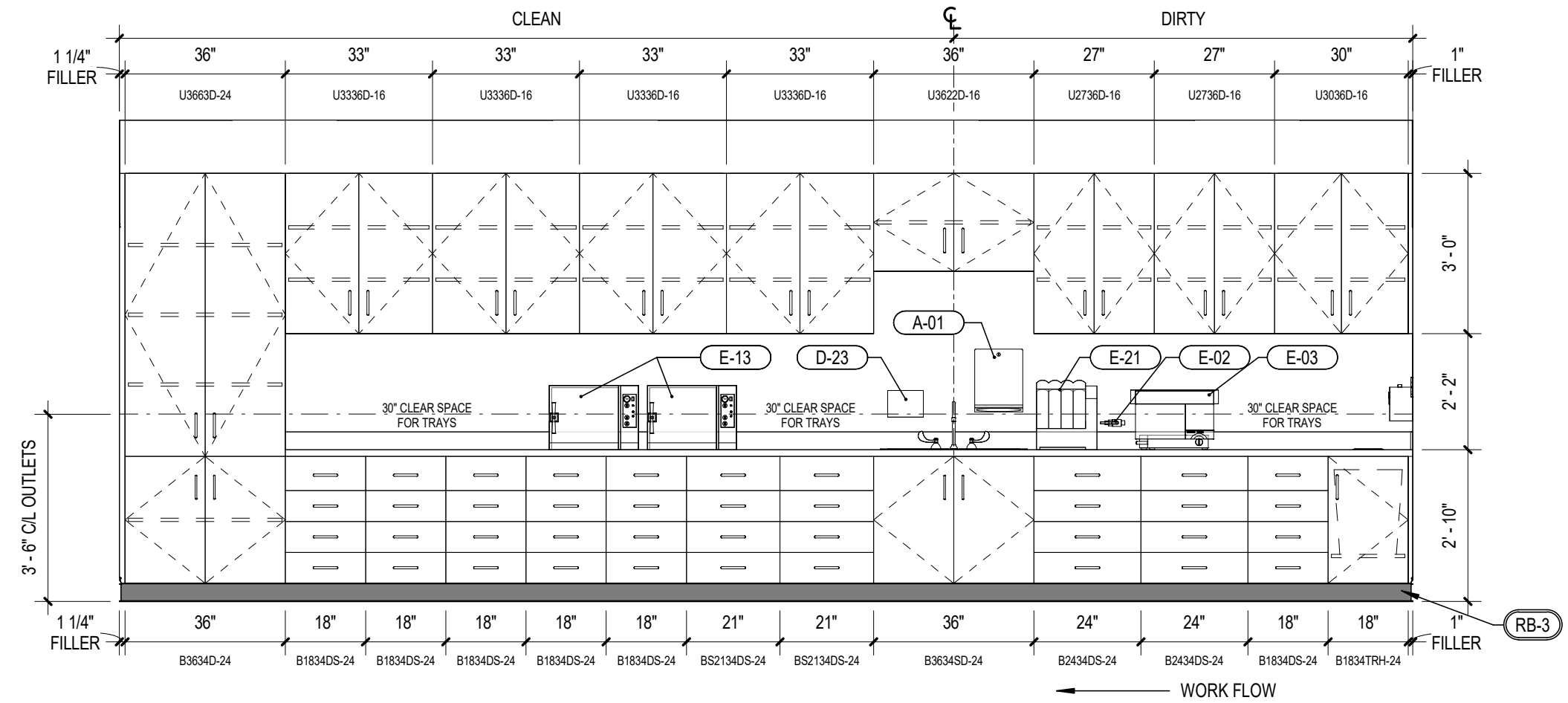


9 INTERIOR ELEVATION @ BREAK RM 125
A212 3/8" = 1'-0"

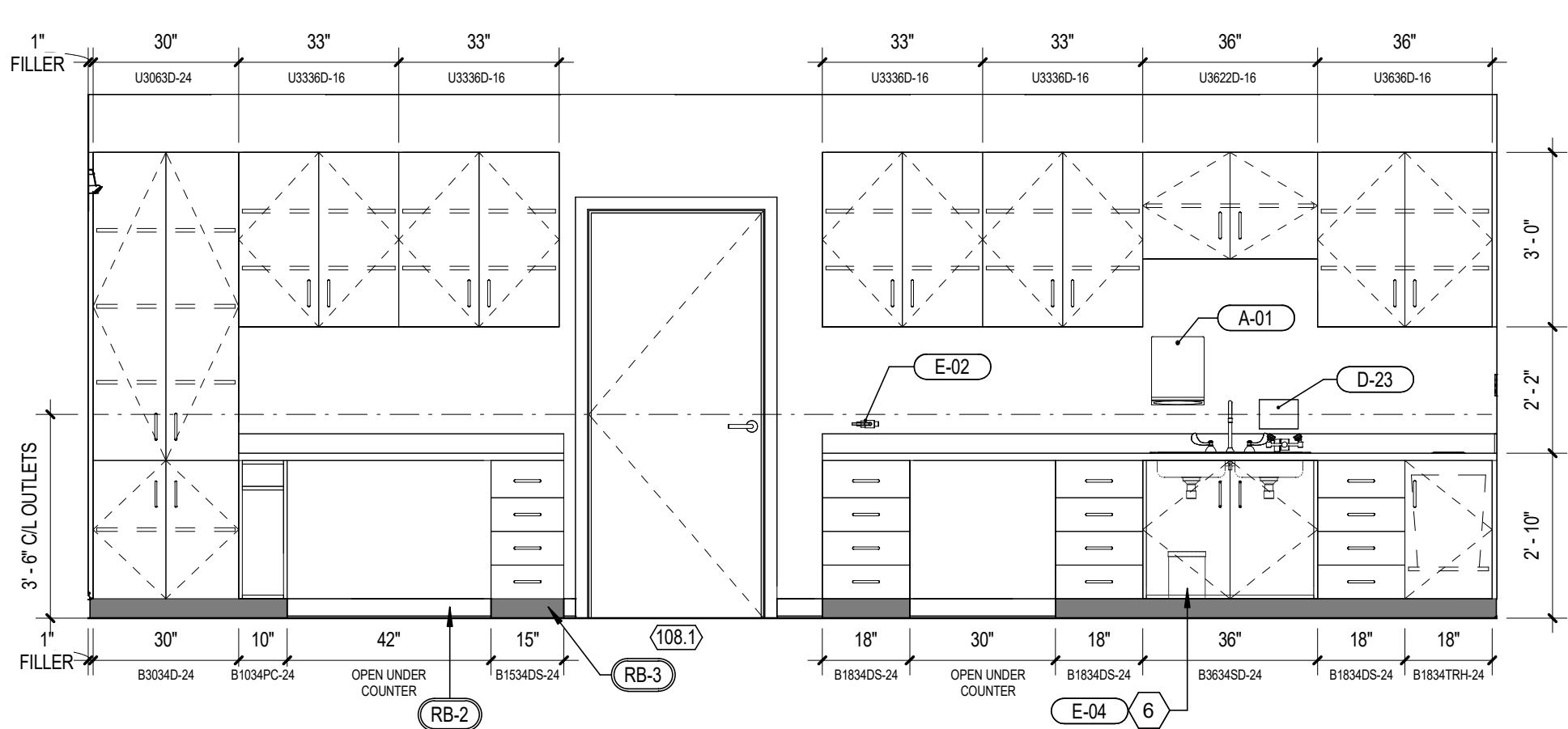
- GENERAL NOTES**
- REFER TO ELECTRICAL DRAWINGS FOR OUTLET AND JUNCTION BOX SCOPE
 - BLINDS INSTALLED AND PROVIDED BY OWNER'S BLINDS CONTRACTOR. PROVIDE 4" MIN CLEAR BETWEEN CABINETS AND WINDOW MUNTIN FRAME EDGE AT FULL HEIGHT STOREFRONT WINDOWS. GC TO PROVIDE BLOCKING AS REQUIRED.
- INTERIOR ELEVATION DRAWING NOTES**
- COUNTERTOP SUPPORTS AS REQUIRED (4'-0" O.C. MAX)
 - UNDER-CABINET LIGHTING; REFER TO ELECTRICAL DWGS
 - DECORATIVE LIGHT FIXTURE; REFER TO ELECTRICAL DWGS
 - G.C. TO PROVIDE BLOCKING. REFER TO BLOCKING DETAILS FOR MORE INFORMATION
 - G.C. TO MODIFY CABINET AS REQUIRED TO ALLOW PLASTER TRAP (E-04) TO SIT ON FLOOR UNDER CABINET
 - PROVIDE 6" SOUND BATT INSULATION OVER CEILING TILE & GRID
 - 11" DEEP SHELVING ON WALL SUPPORTS. 1/4" ROUND HANGING RODS TO BE SUSPENDED FROM EACH SHELF W/ (1) 1/4" x 1/2" ZINC-PLATED STEEL EYE BOLTS & NUTS
 - 18" DEEP COUNTERTOP W/ 4" BACKSPRASH AND 2" WIRE GRIMMET AS SHOWN. REFER TO FINISH SCHEDULE
 - 3/4" FIRE-RETARDANT TREATED PLYWOOD BACKER BOARD TO FINISH CEILING. DO NOT PAINT



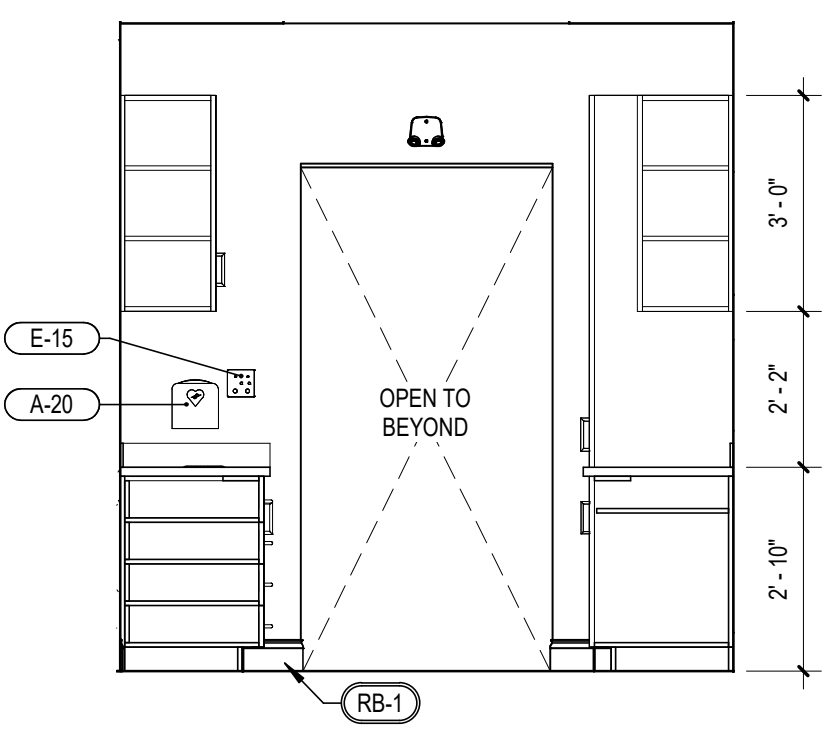
8 INTERIOR ELEVATION @ WORK AREA 109
A212 3/8" = 1'-0"



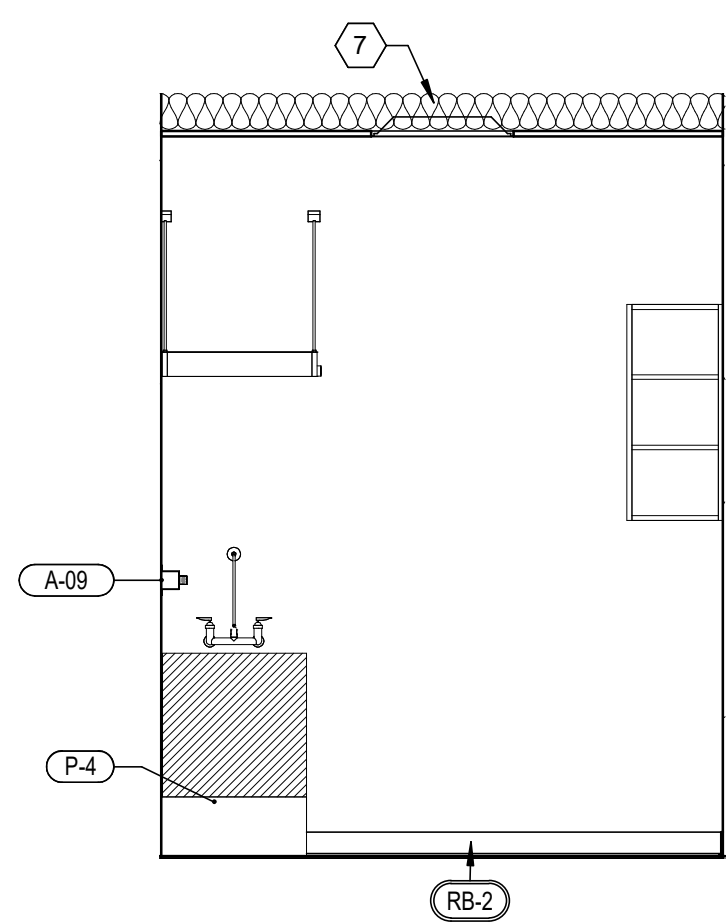
7 INTERIOR ELEVATION @ WORK AREA 109
A212 3/8" = 1'-0"



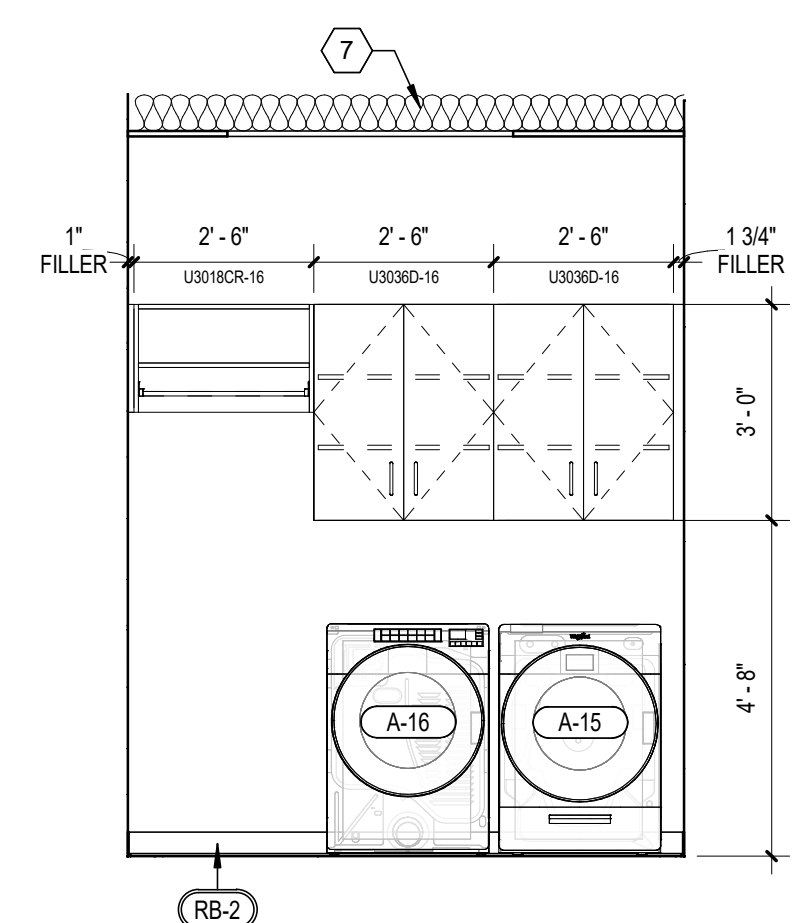
6 INTERIOR ELEVATION @ WORK AREA 109
A212 3/8" = 1'-0"



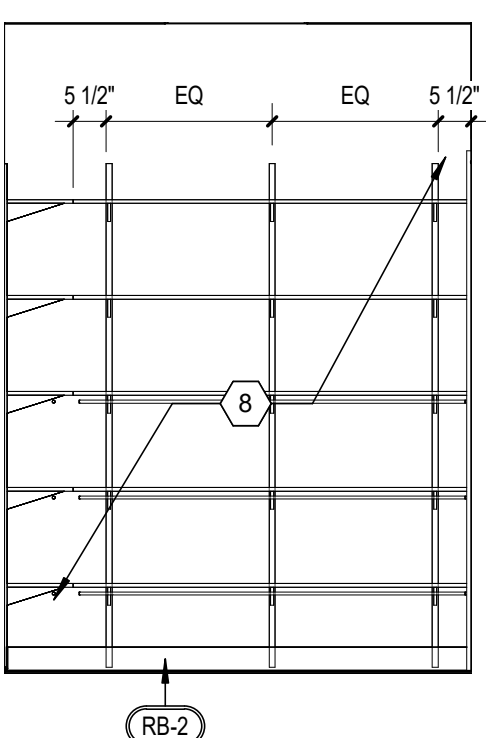
5 INTERIOR ELEVATION @ WORK AREA 109
A212 3/8" = 1'-0"



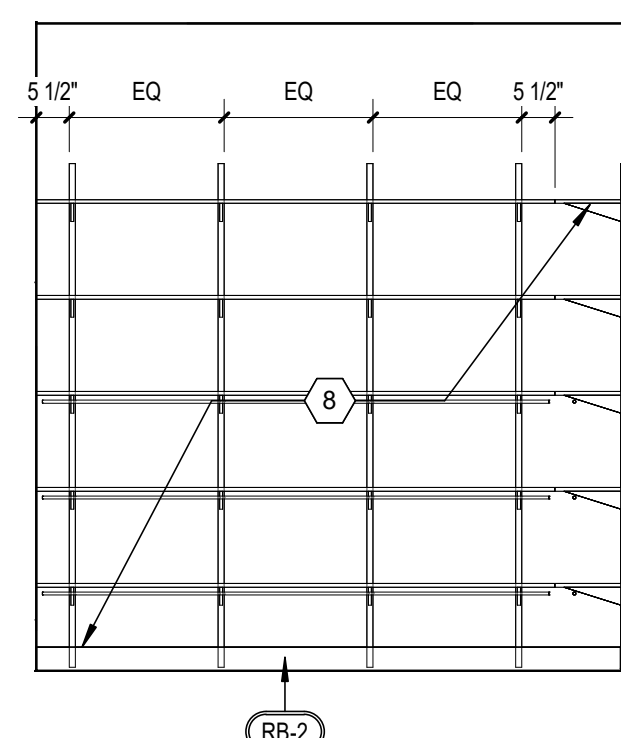
14 INTERIOR ELEVATION @ LAUNDRY 123
A212 3/8" = 1'-0"



3 INTERIOR ELEVATION @ LAUNDRY 123
A212 3/8" = 1'-0"



2 INTERIOR ELEVATION @ SUPPLY CLOSET 108
A212 3/8" = 1'-0"



1 INTERIOR ELEVATION @ SUPPLY CLOSET 108
A212 3/8" = 1'-0"

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INTERIOR ELEVATIONS
HEARTLAND DENTAL
WINTER GARDEN
AVALON & MARSH RD
WINTER GARDEN, FL 34787

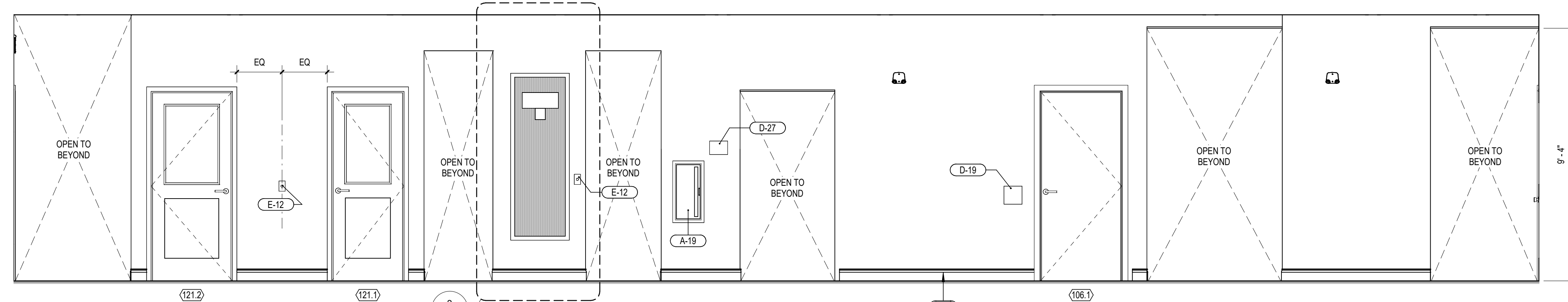
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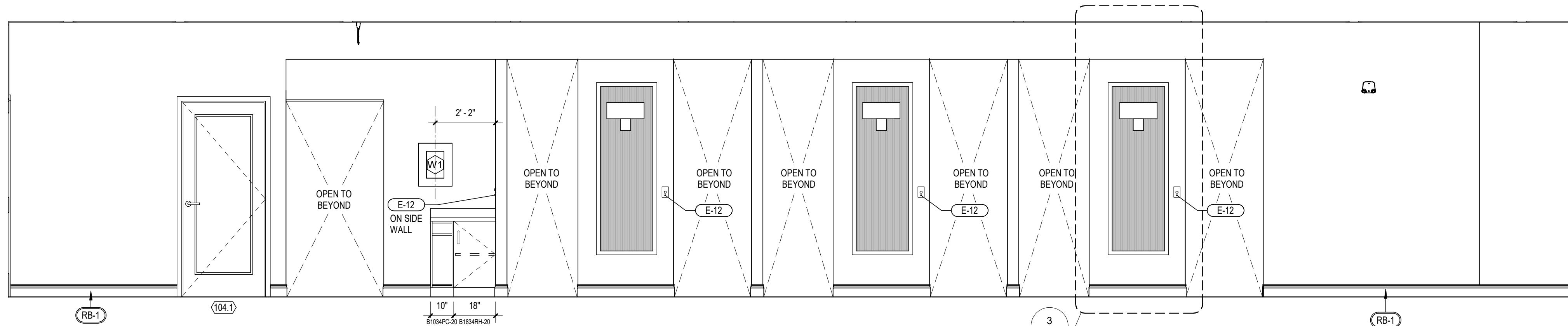
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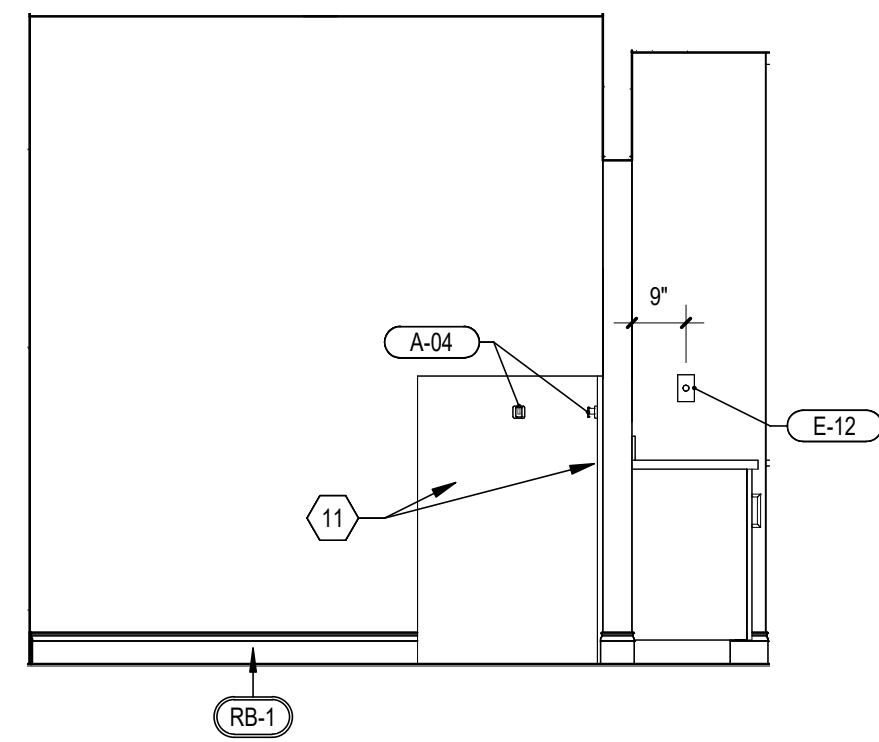
A212
Project Date: 1/31/23
Project No.: 223001



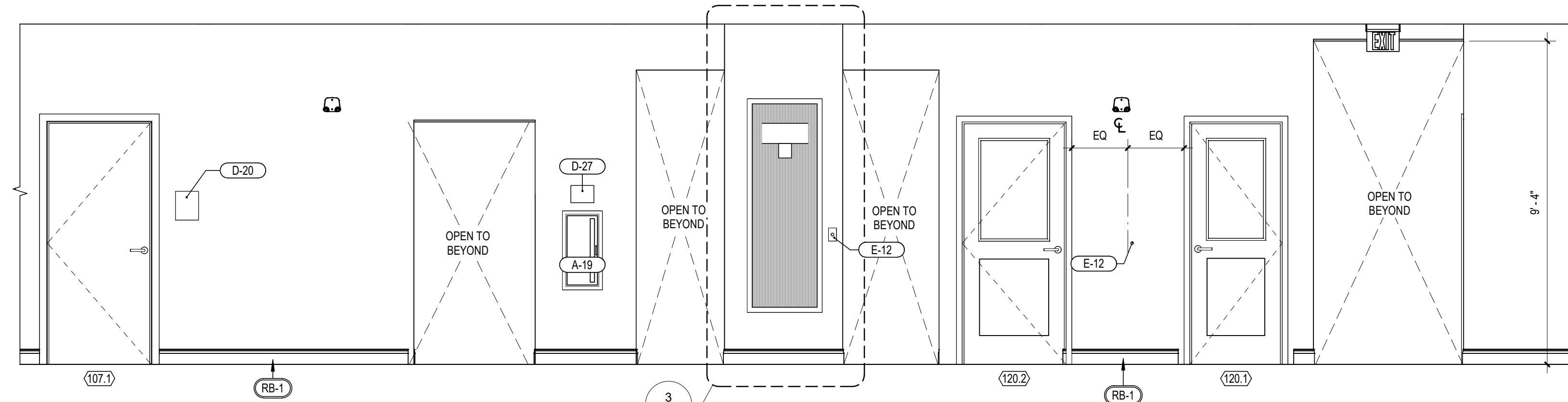
6 INTERIOR ELEVATION @ HALLWAY 101C
3/8" = 1'-0"



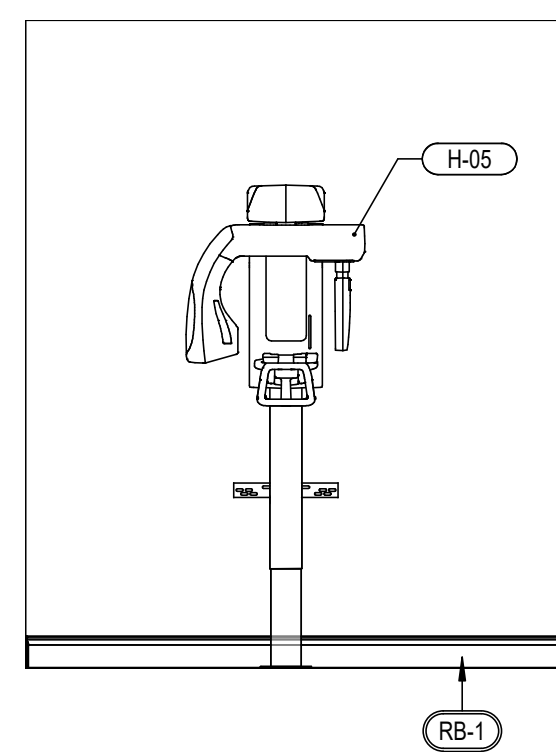
5 INTERIOR ELEVATION @ HALLWAY 101C
3/8" = 1'-0"



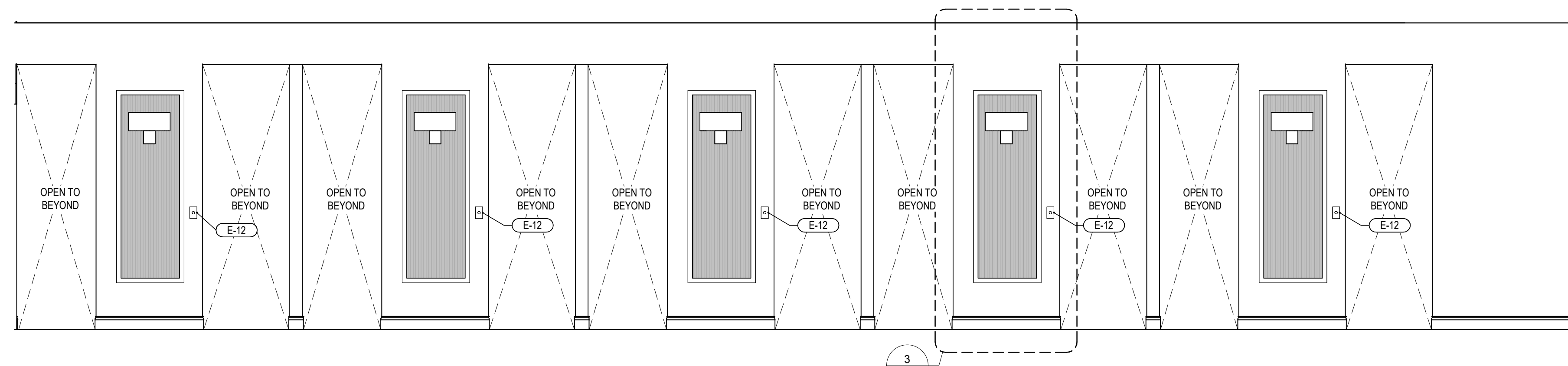
7 INTERIOR ELEVATION @ PANO 105
3/8" = 1'-0"



3 INTERIOR ELEVATION @ HALLWAY 101A
3/8" = 1'-0"



2 INTERIOR ELEVATION @ PANO 105
3/8" = 1'-0"



1 INTERIOR ELEVATION @ HALLWAY 101A
3/8" = 1'-0"

- GENERAL NOTES**
- REFER TO ELECTRICAL DRAWINGS FOR OUTLET AND JUNCTION BOX SCOPE
 - BLINDS INSTALLED AND PROVIDED BY OWNER'S BLINDS CONTRACTOR. PROVIDE 4" MIN CLEAR BETWEEN CABINETRY AND WINDOW MUNTIN FRAME EDGE AT FULL HEIGHT STOREFRONT WINDOWS. GC TO PROVIDE BLOCKING AS REQUIRED.
- INTERIOR ELEVATION DRAWING NOTES**
- COUNTERTOP SUPPORTS AS REQUIRED (4'-0" O.C. MAX)
 - UNDER-CABINET LIGHTING; REFER TO ELECTRICAL DWGS
 - DECORATIVE LIGHT FIXTURE; REFER TO ELECTRICAL DWGS
 - G.C. TO PROVIDE BLOCKING. REFER TO BLOCKING DETAILS FOR MORE INFORMATION
 - G.C. TO MODIFY CABINET AS REQUIRED TO ALLOW PLASTER TRAP (E-04) TO SIT ON FLOOR UNDER CABINET
 - PROVIDE 6" SOUND BATT INSULATION OVER CEILING TILE & GRID
 - 11" DEEP SHELVING ON WALL SUPPORTS. 1/4" ROUND HANGING RODS TO BE SUSPENDED FROM EACH SHELF W/ (1) 1/4-20 x 1/2" ZINC-PLATED STEEL EYE BOLTS & NUTS
 - 10" DEEP COUNTERTOP W/ 4" BACKSPRASH AND 2" WIRE GROMMET AS SHOWN. REFER TO FINISH SCHEDULE
 - 3/4" FIRE-RETARDANT TREATED PLYWOOD BACKER BOARD TO FINISH CEILING. DO NOT PAINT

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INTERIOR ELEVATIONS
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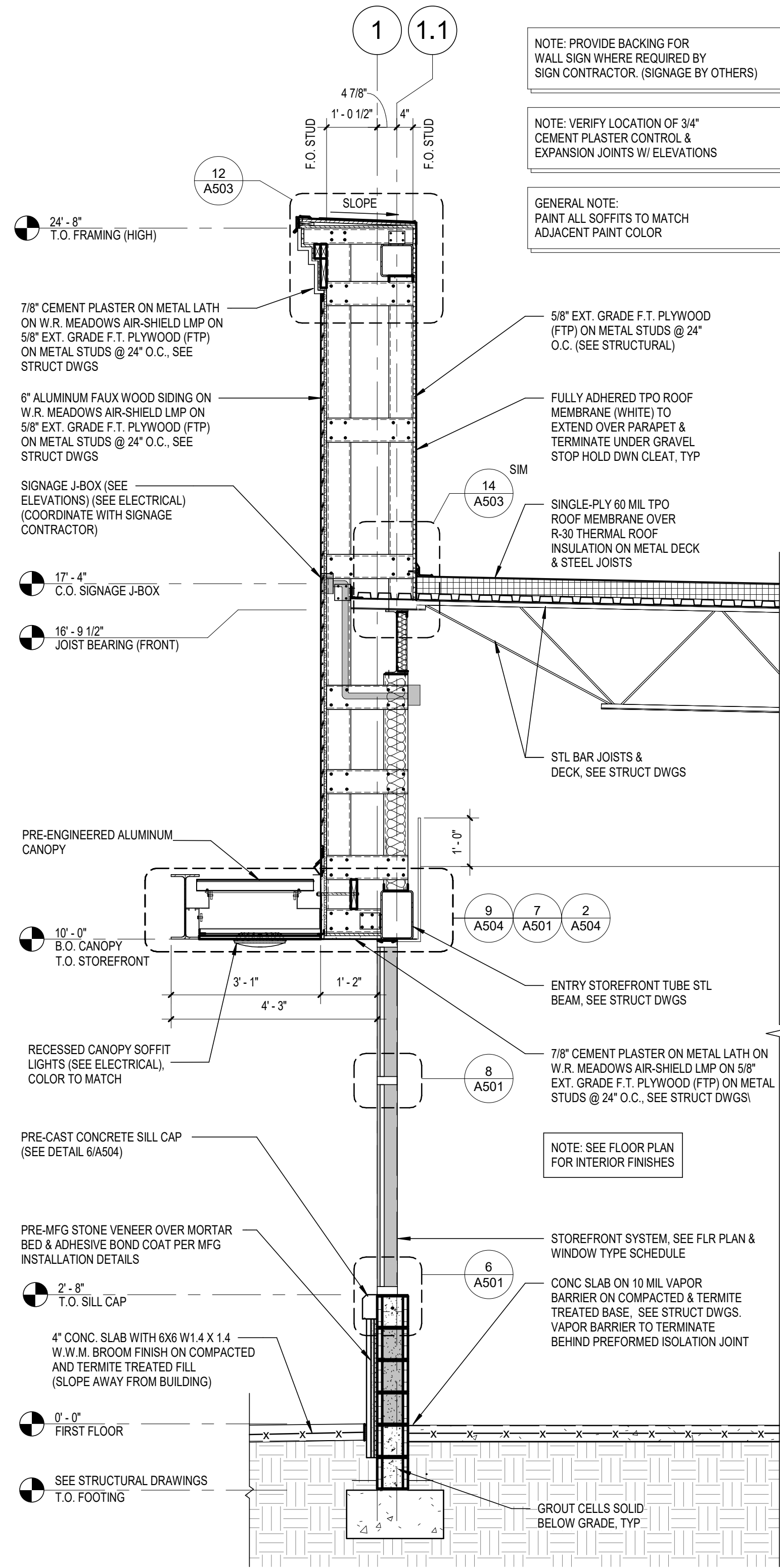
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A213
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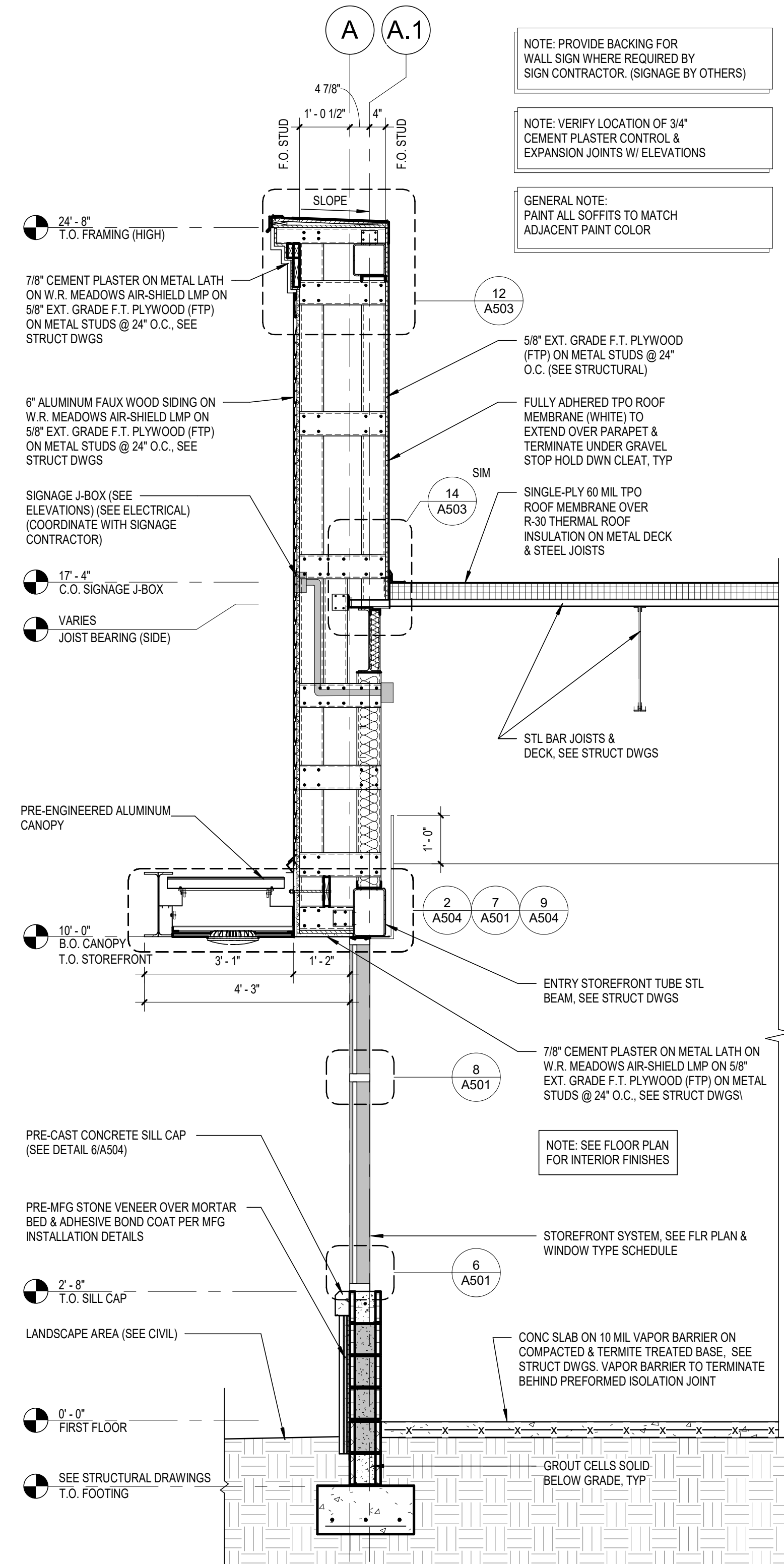


1 WALL SECTION
A301 0 1 2 4 1/2" = 1'-0"

NOTE: PROVIDE BACKING FOR WALL SIGN WHERE REQUIRED BY SIGN CONTRACTOR. (SIGNAGE BY OTHERS)

NOTE: VERIFY LOCATION OF 3/4" CEMENT PLASTER CONTROL & EXPANSION JOINTS W/ ELEVATIONS

GENERAL NOTE: PAINT ALL SOFFITS TO MATCH ADJACENT PAINT COLOR

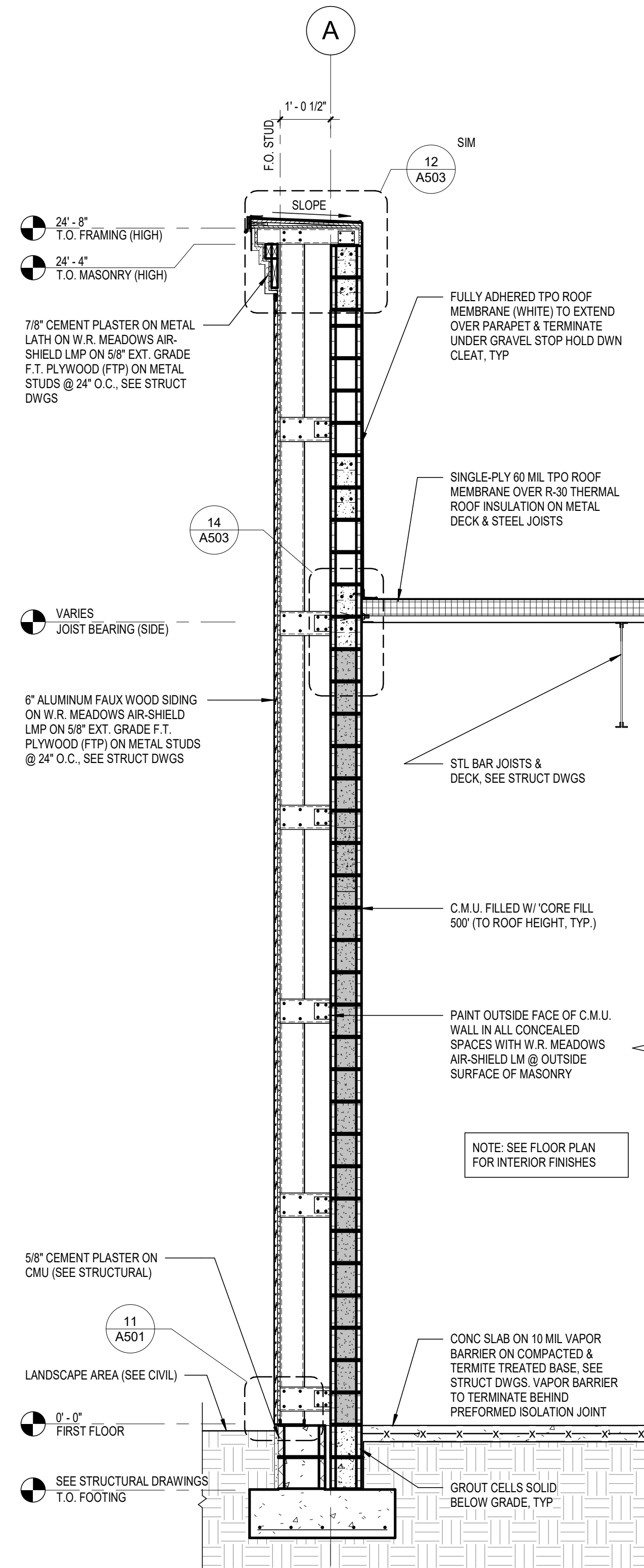


2 WALL SECTION
A301 0 1 2 4 1/2" = 1'-0"

NOTE: PROVIDE BACKING FOR WALL SIGN WHERE REQUIRED BY SIGN CONTRACTOR. (SIGNAGE BY OTHERS)

NOTE: VERIFY LOCATION OF 3/4" CEMENT PLASTER CONTROL & EXPANSION JOINTS W/ ELEVATIONS

GENERAL NOTE: PAINT ALL SOFFITS TO MATCH ADJACENT PAINT COLOR

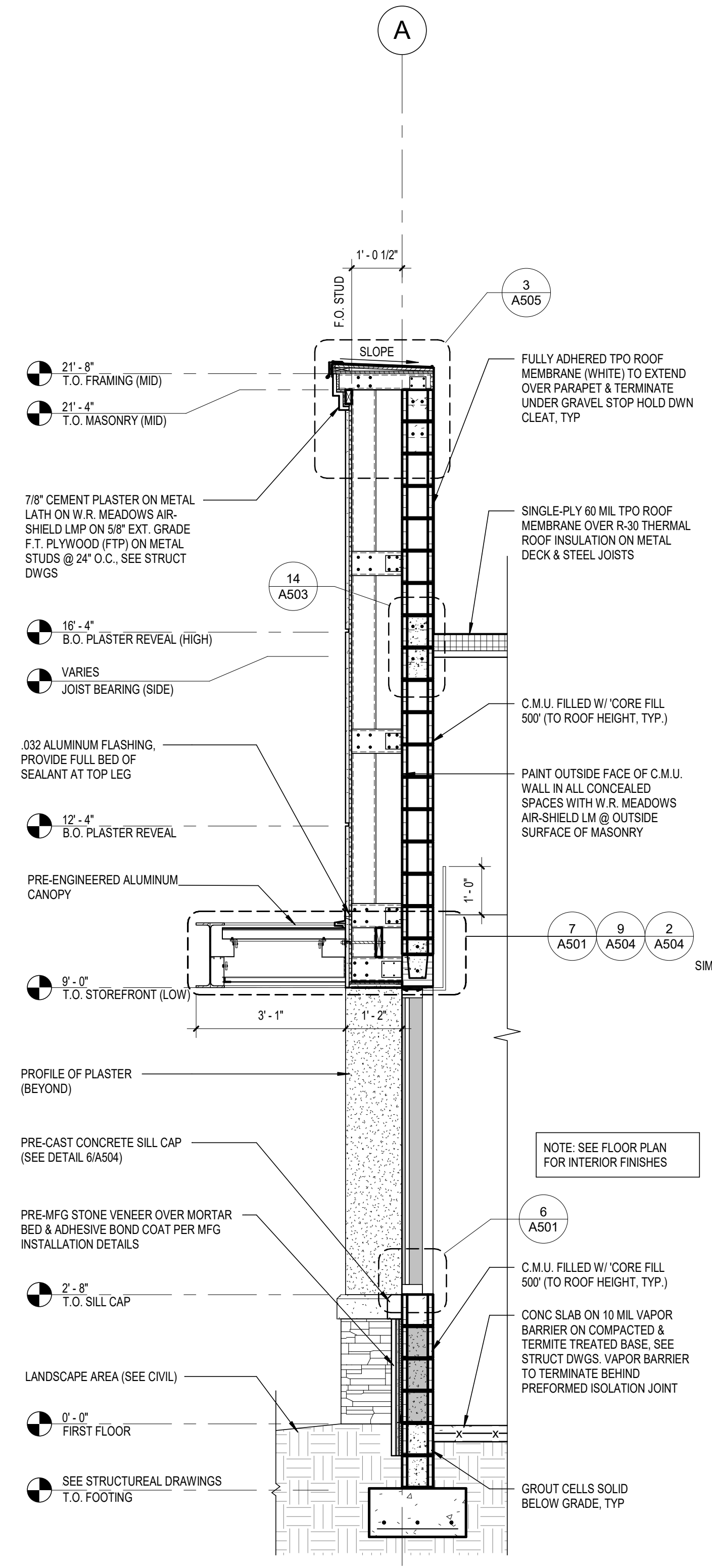


3 WALL SECTION
A301 0 1 2 4 1/2" = 1'-0"

NOTE: PROVIDE BACKING FOR WALL SIGN WHERE REQUIRED BY SIGN CONTRACTOR. (SIGNAGE BY OTHERS)

NOTE: VERIFY LOCATION OF 3/4" CEMENT PLASTER CONTROL & EXPANSION JOINTS W/ ELEVATIONS

GENERAL NOTE: PAINT ALL SOFFITS TO MATCH ADJACENT PAINT COLOR



4 WALL SECTION
A301 0 1 2 4 1/2" = 1'-0"

NOTE: PROVIDE BACKING FOR WALL SIGN WHERE REQUIRED BY SIGN CONTRACTOR. (SIGNAGE BY OTHERS)

NOTE: VERIFY LOCATION OF 3/4" CEMENT PLASTER CONTROL & EXPANSION JOINTS W/ ELEVATIONS

GENERAL NOTE: PAINT ALL SOFFITS TO MATCH ADJACENT PAINT COLOR

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SHELL WALL SECTIONS
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A301
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SHELL WALL SECTIONS
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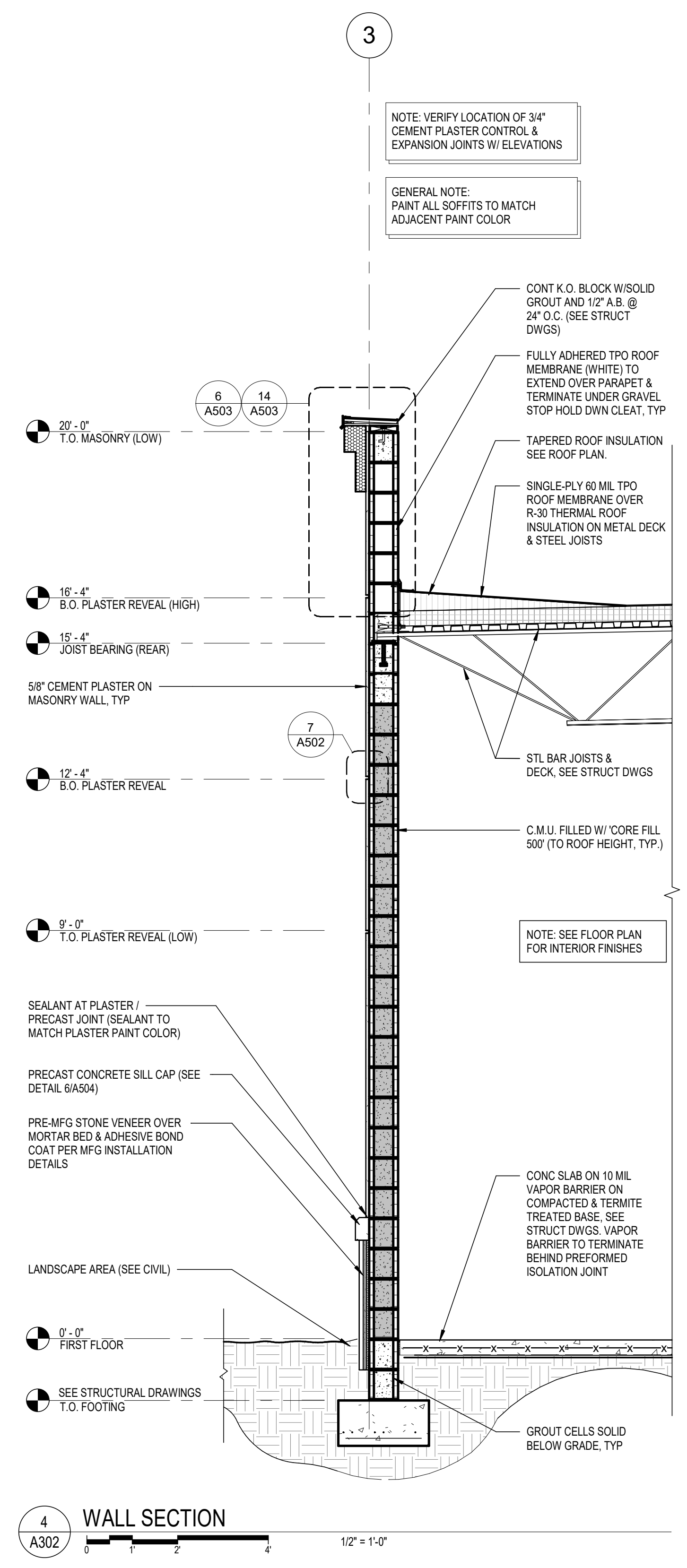
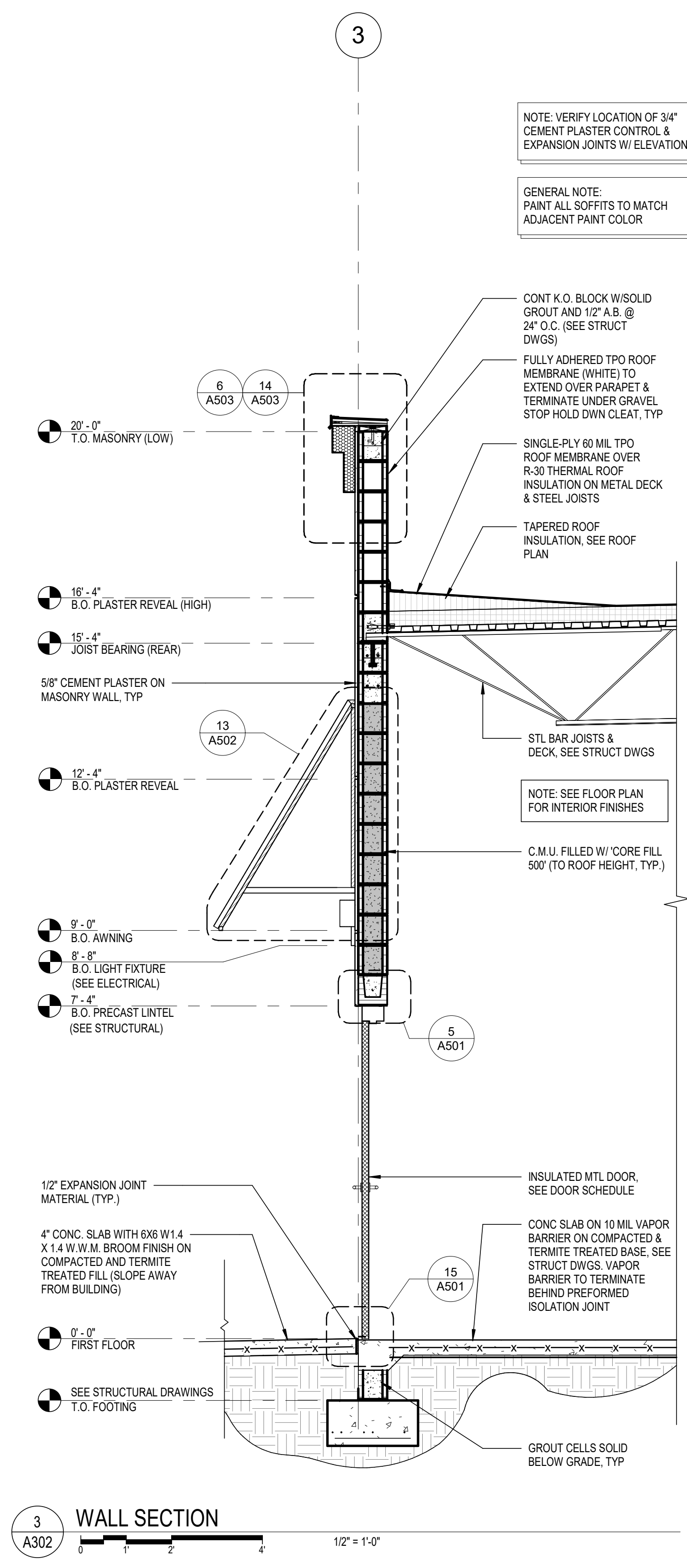
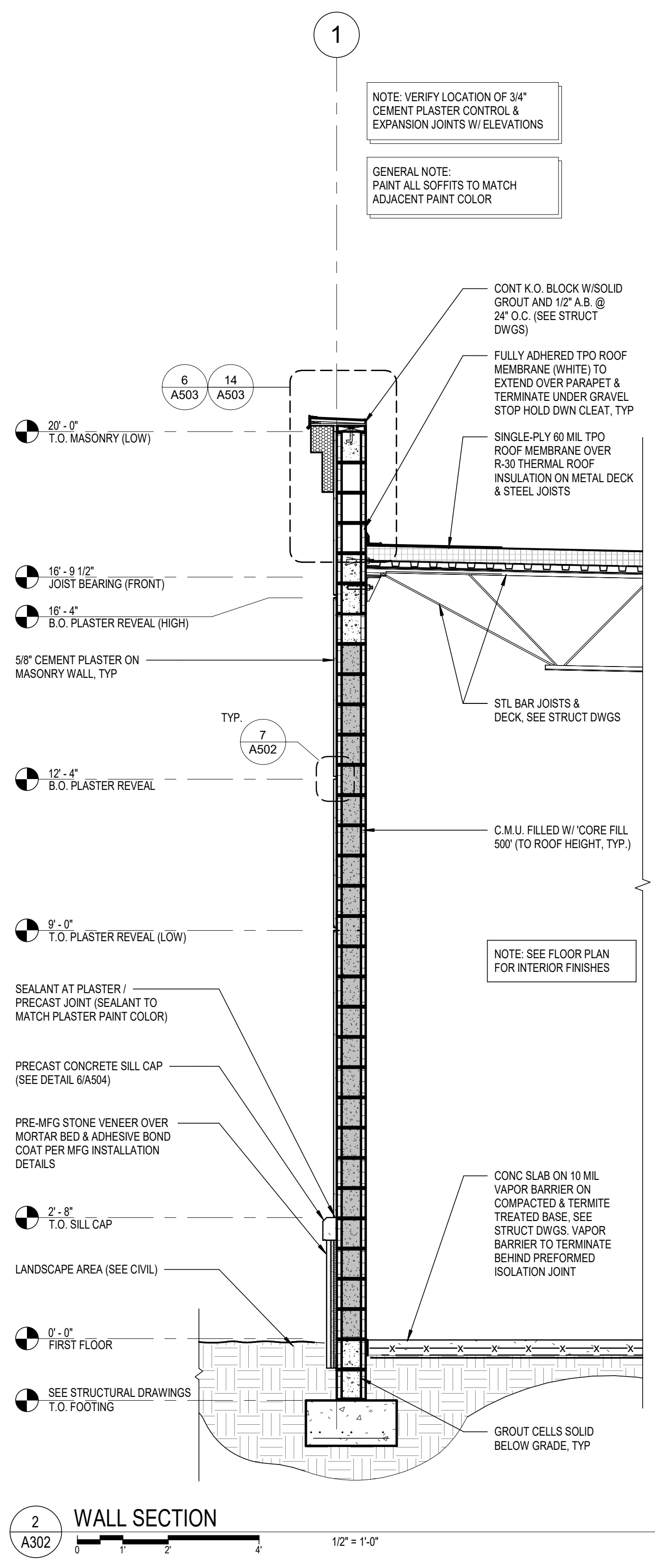
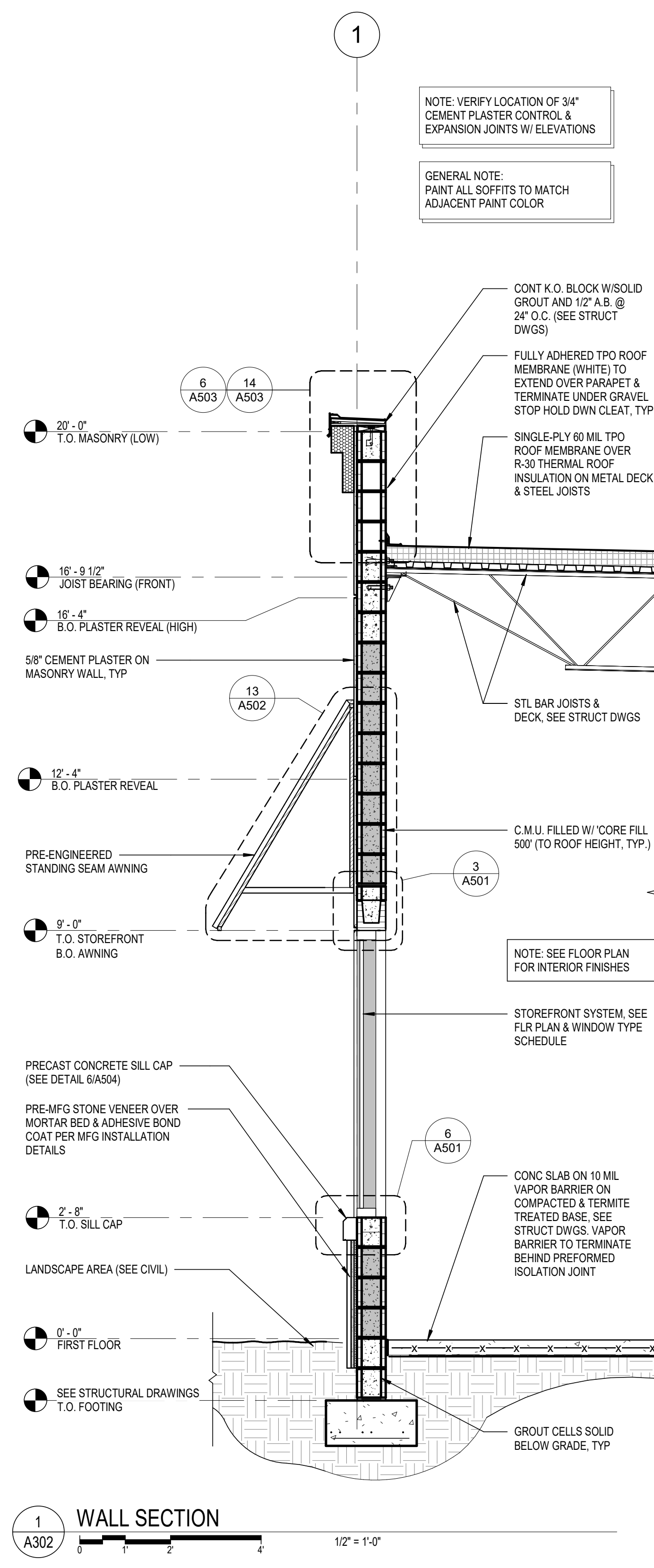
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A302
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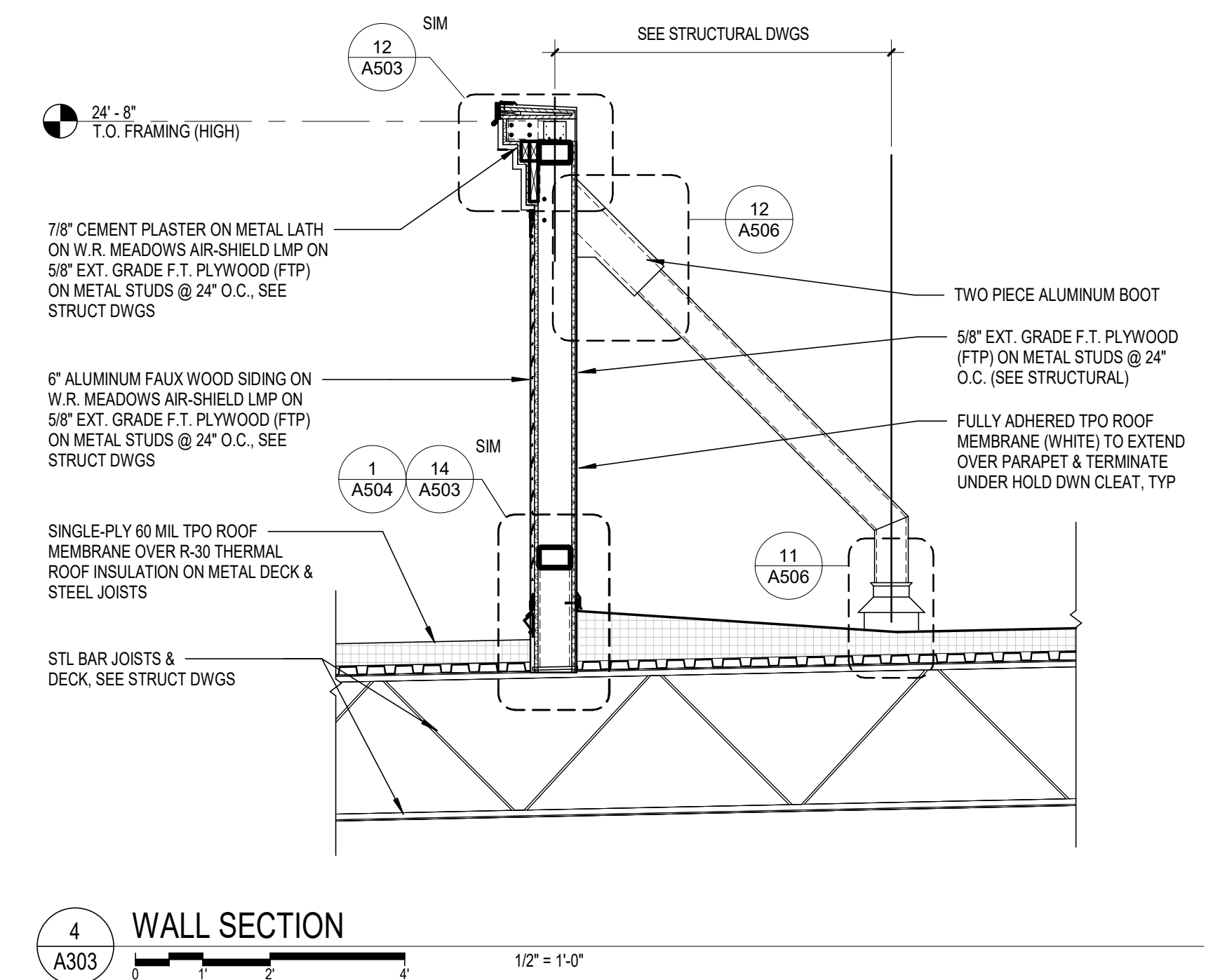
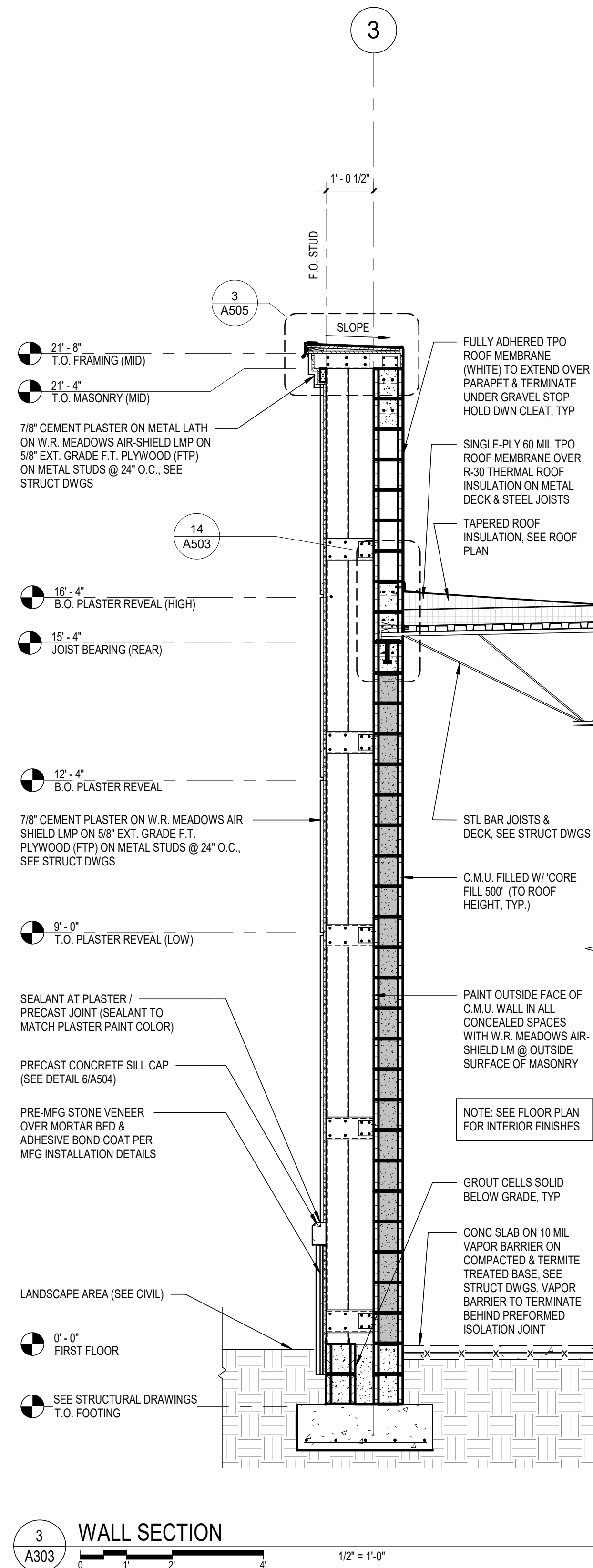
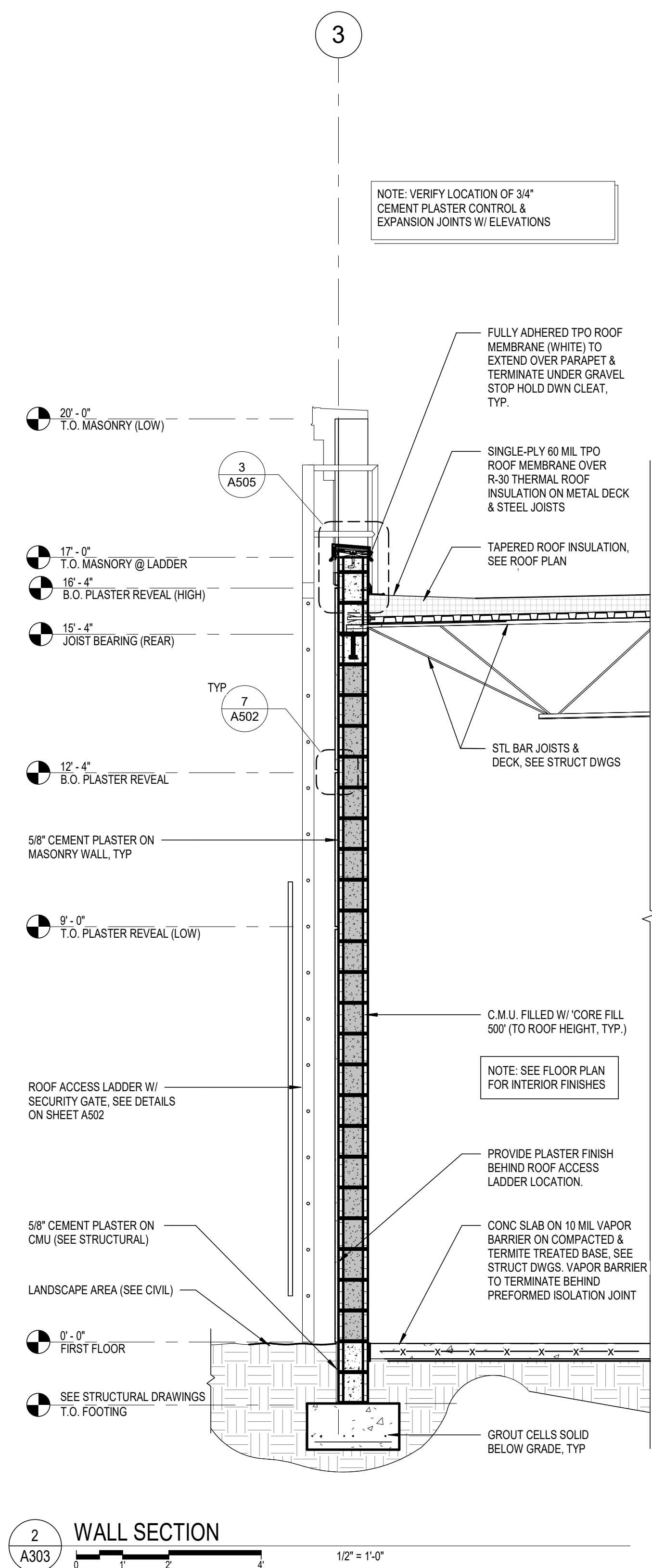
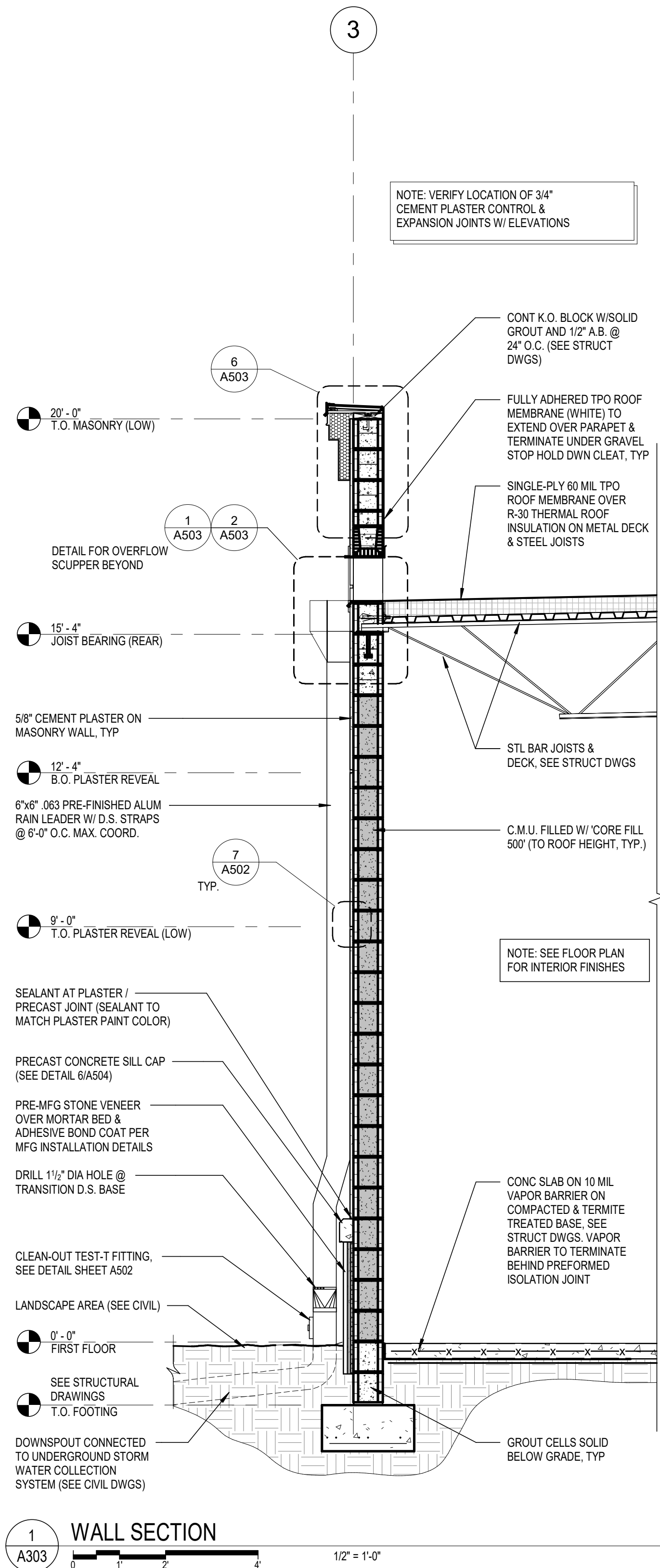


1 WALL SECTION
 A302 1/2" = 1'-0"

2 WALL SECTION
 A302 1/2" = 1'-0"

3 WALL SECTION
 A302 1/2" = 1'-0"

4 WALL SECTION
 A302 1/2" = 1'-0"



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SHELL WALL SECTIONS
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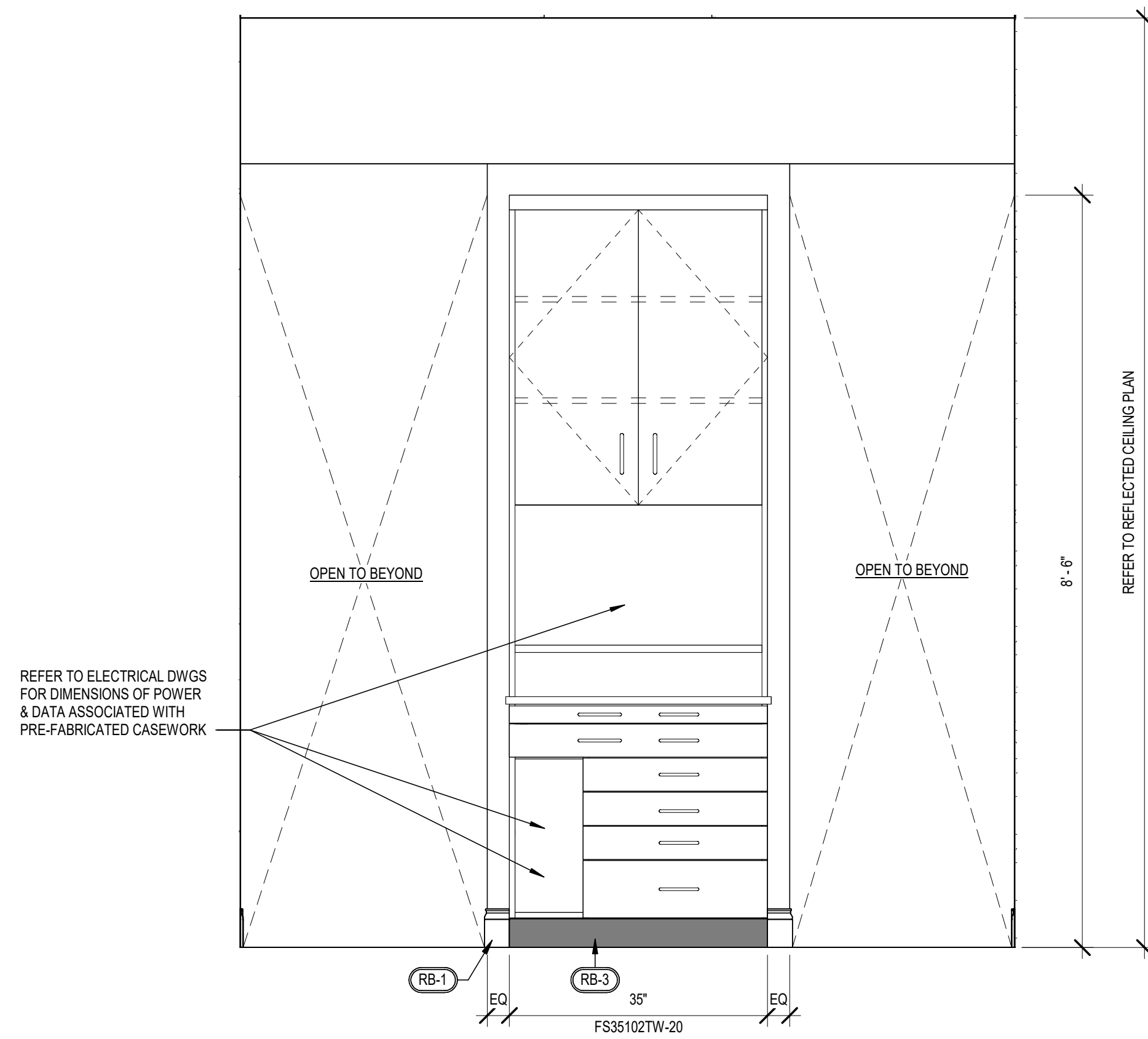
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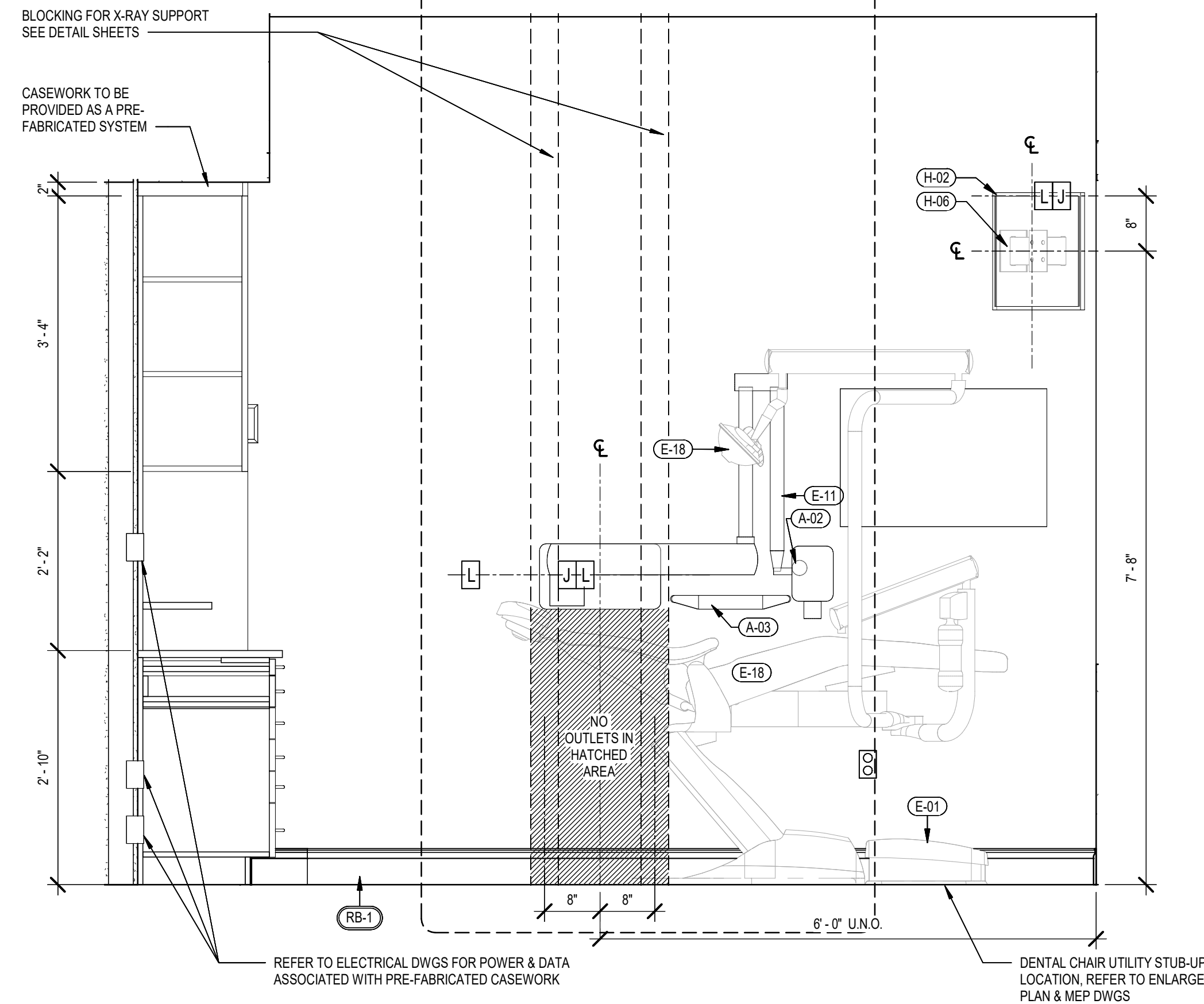
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A303

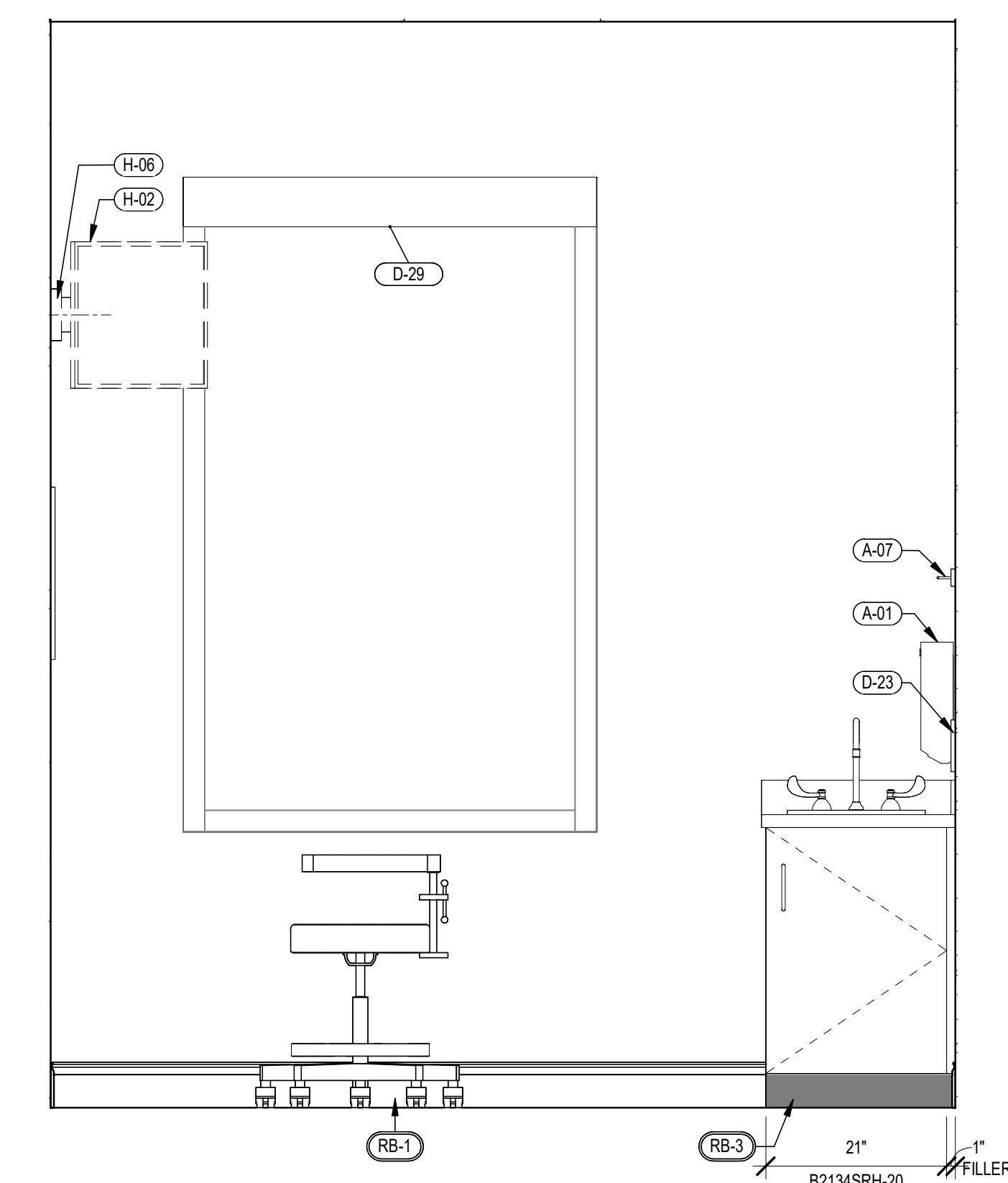
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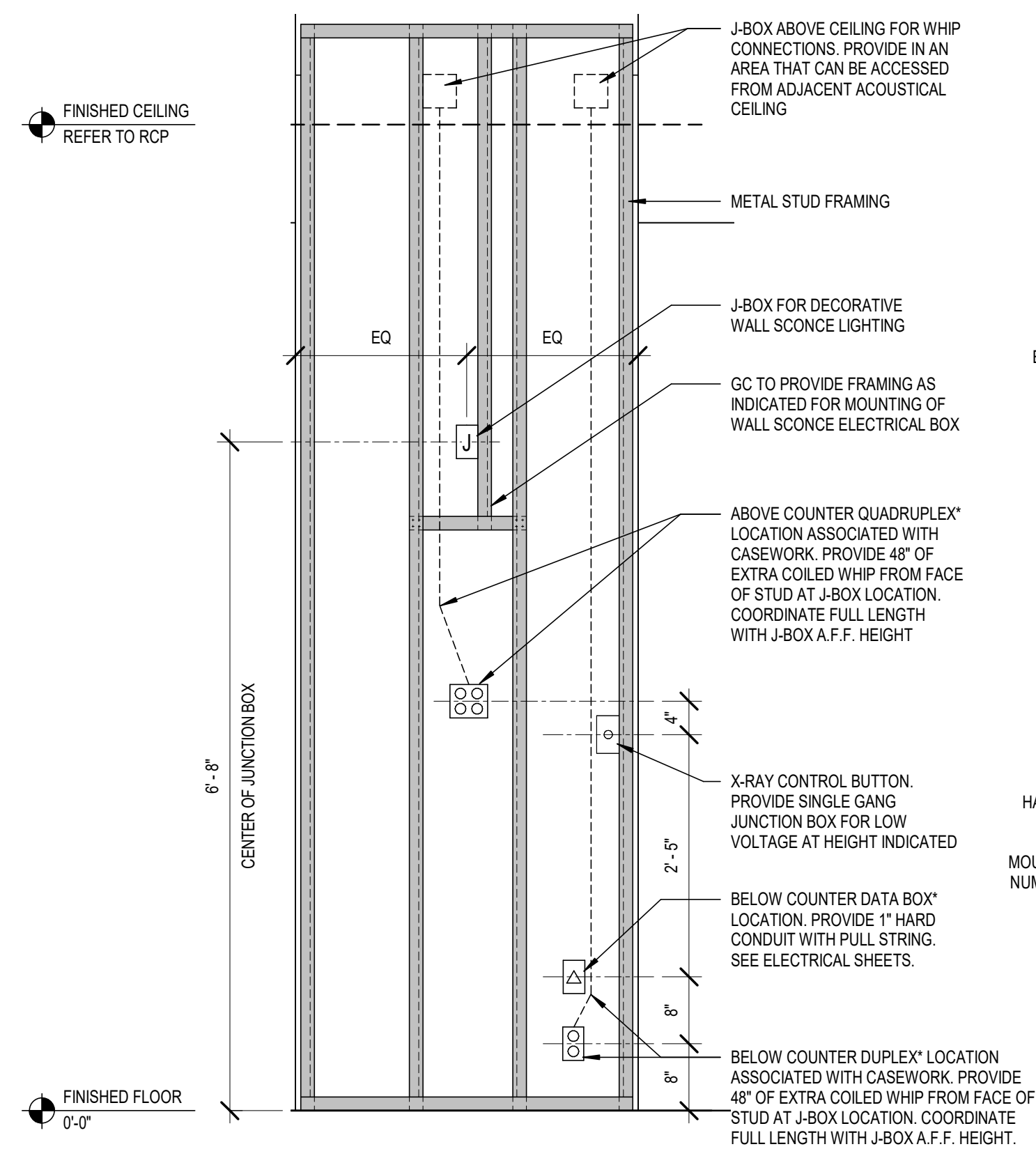
7 ELEVATION @ TREATMENT ROOM - 12 O'CLOCK WALL
A401 3/4" = 1'-0"



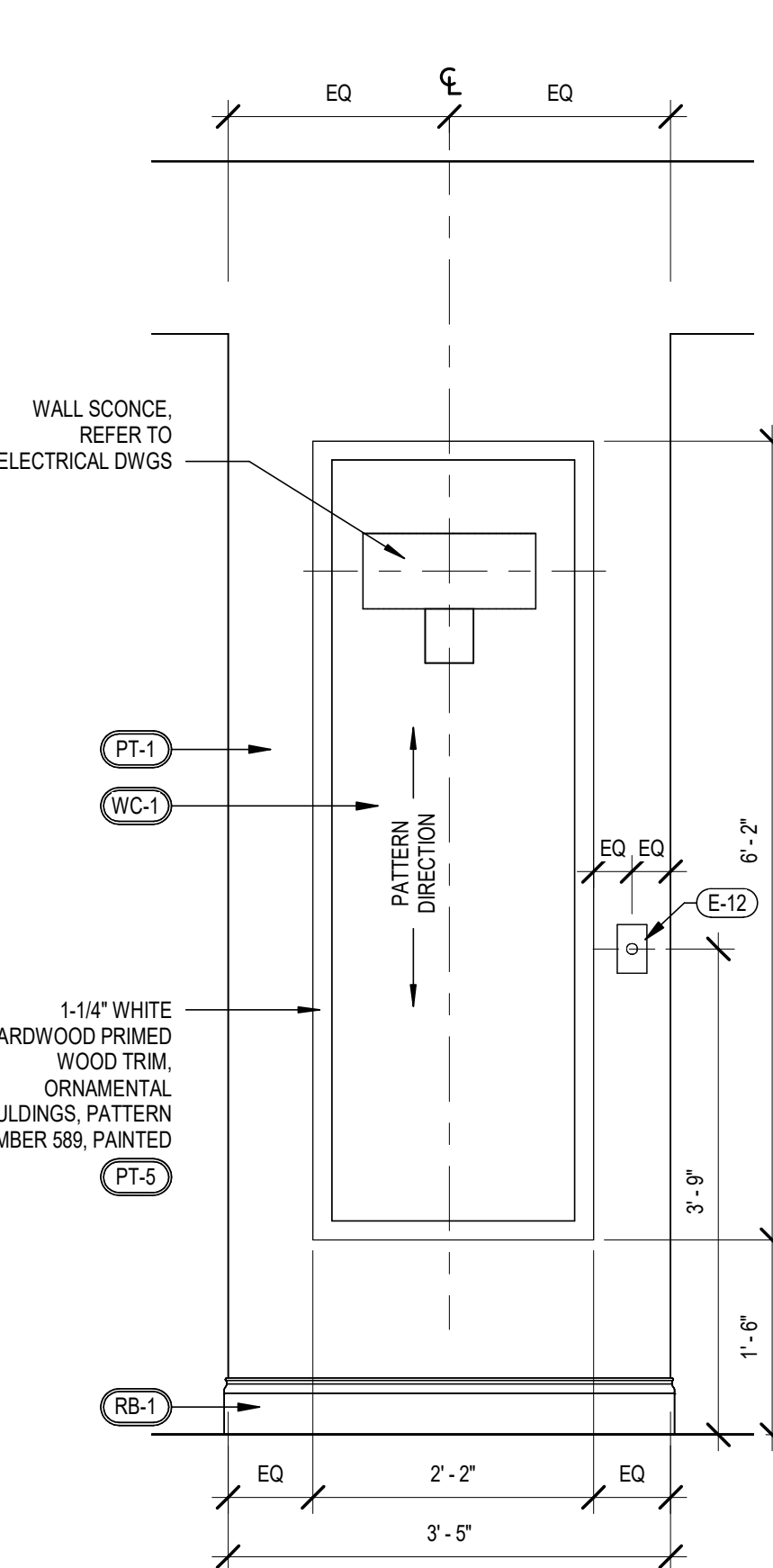
6 ELEVATION @ TREATMENT ROOM - X-RAY WALL
A401 3/4" = 1'-0"



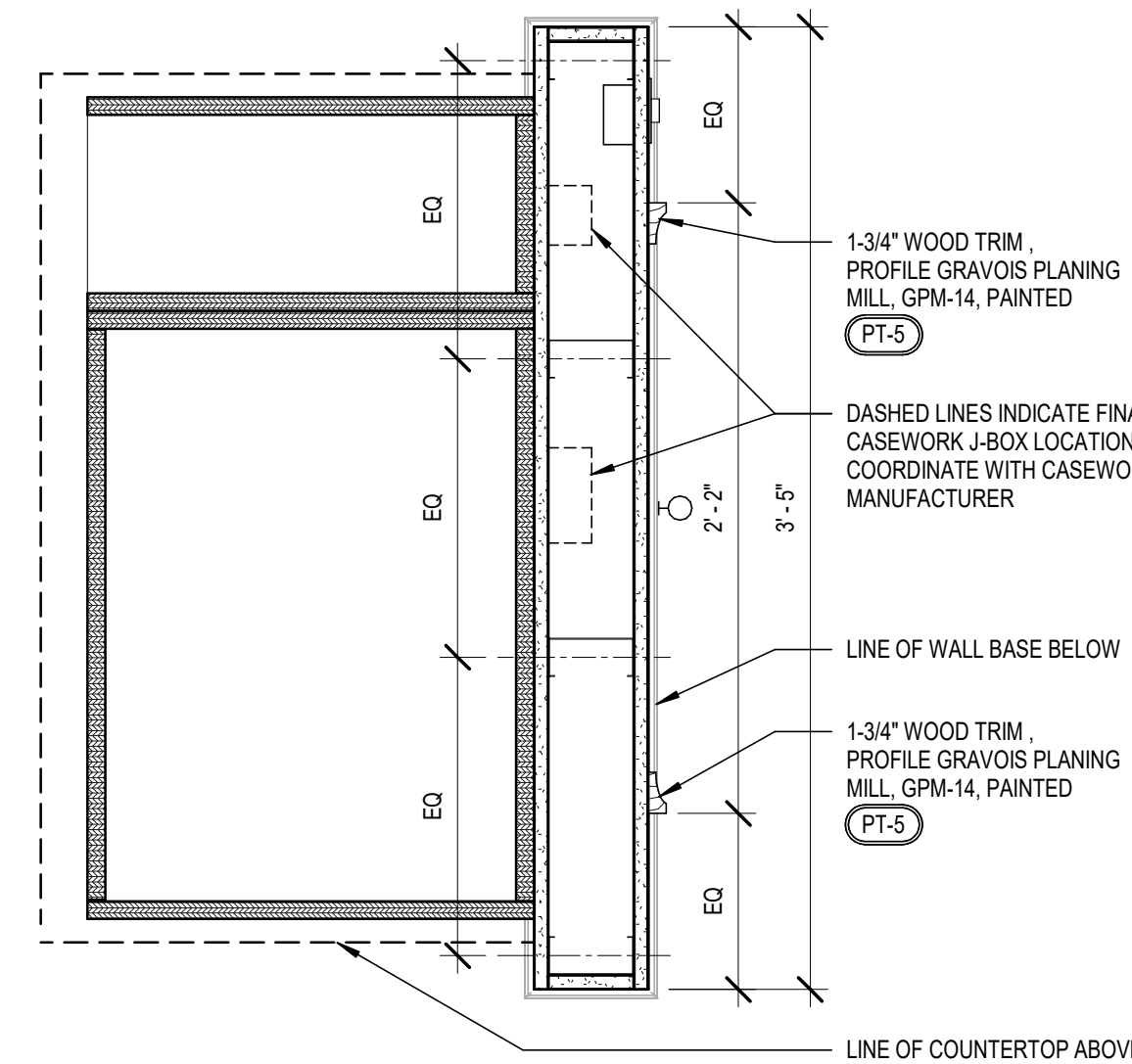
5 ELEVATION @ TREATMENT ROOM - 6 O'CLOCK WALL
A401 3/4" = 1'-0"



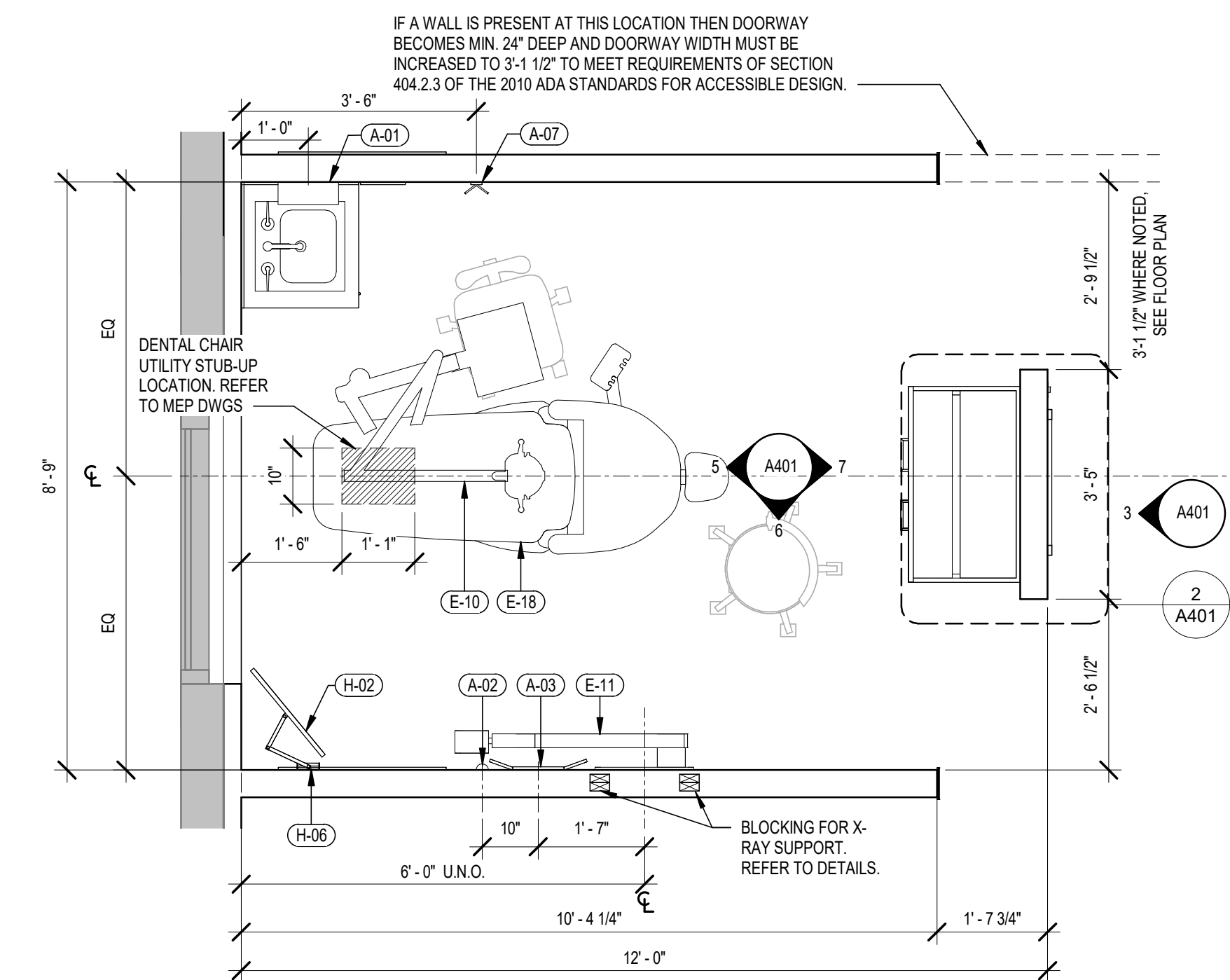
4 ELEVATION @ 12 O'CLOCK WALL FRAMING
A401 3/4" = 1'-0"



3 ELEVATION @ 12 O'CLOCK WALL FINISHES
A401 3/4" = 1'-0"



2 PLAN DETAIL @ 12 O'CLOCK CASEWORK
A401 1 1/2" = 1'-0"



1 ENLARGED PLAN @ TYPICAL TREATMENT ROOM
A401 1/2" = 1'-0"

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TREATMENT ROOM DETAILS
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TREATMENT SUITE DETAILS
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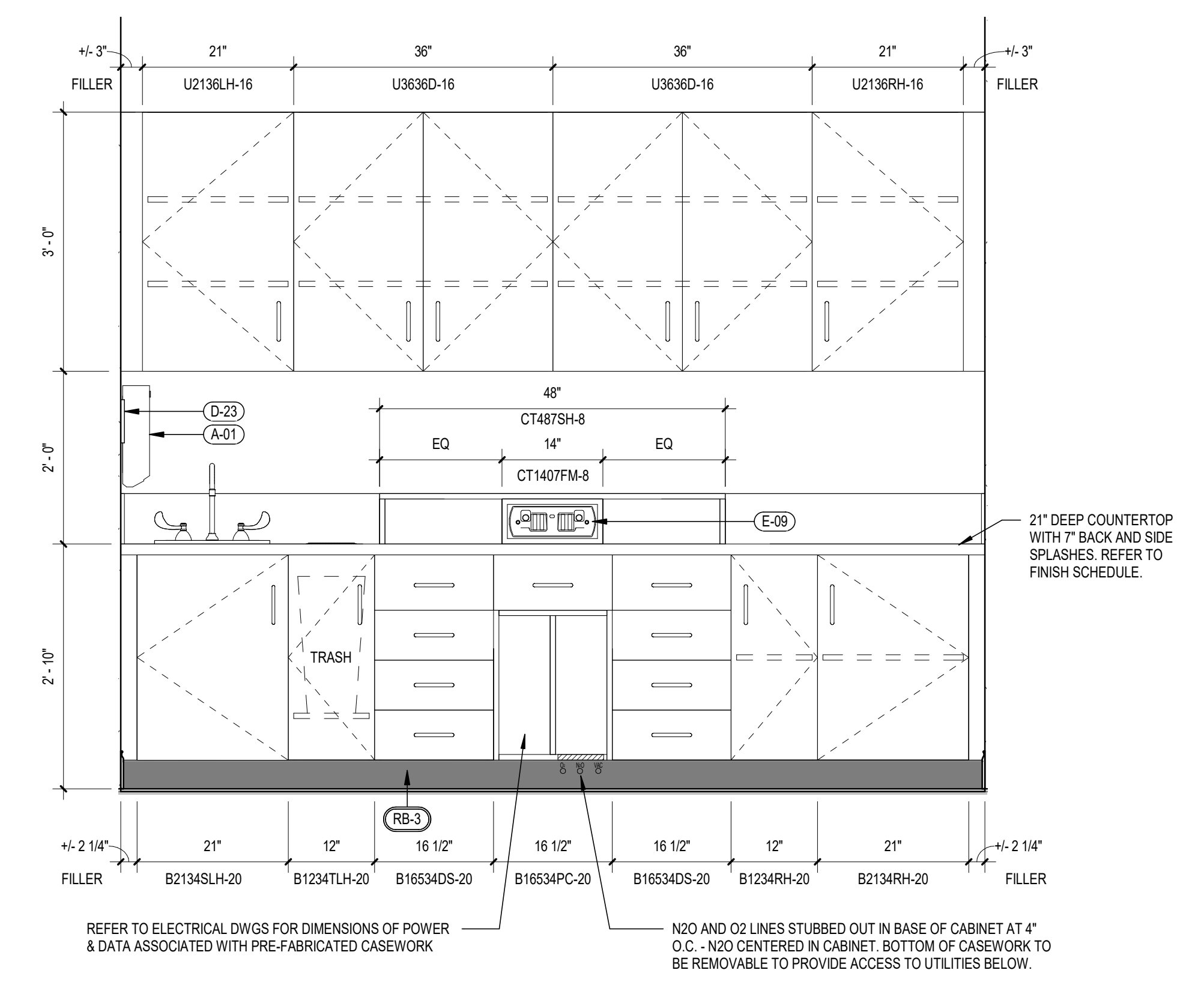
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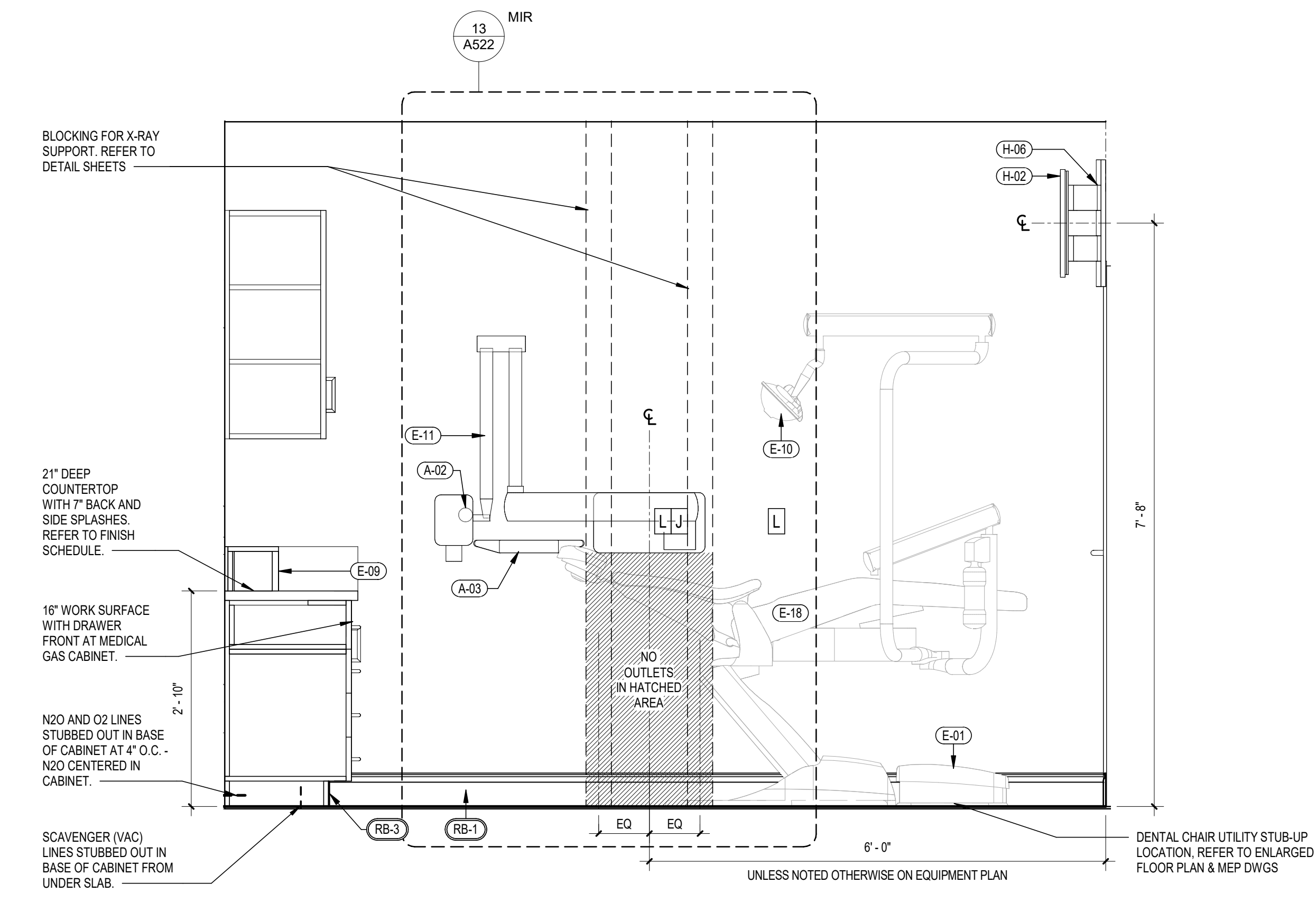
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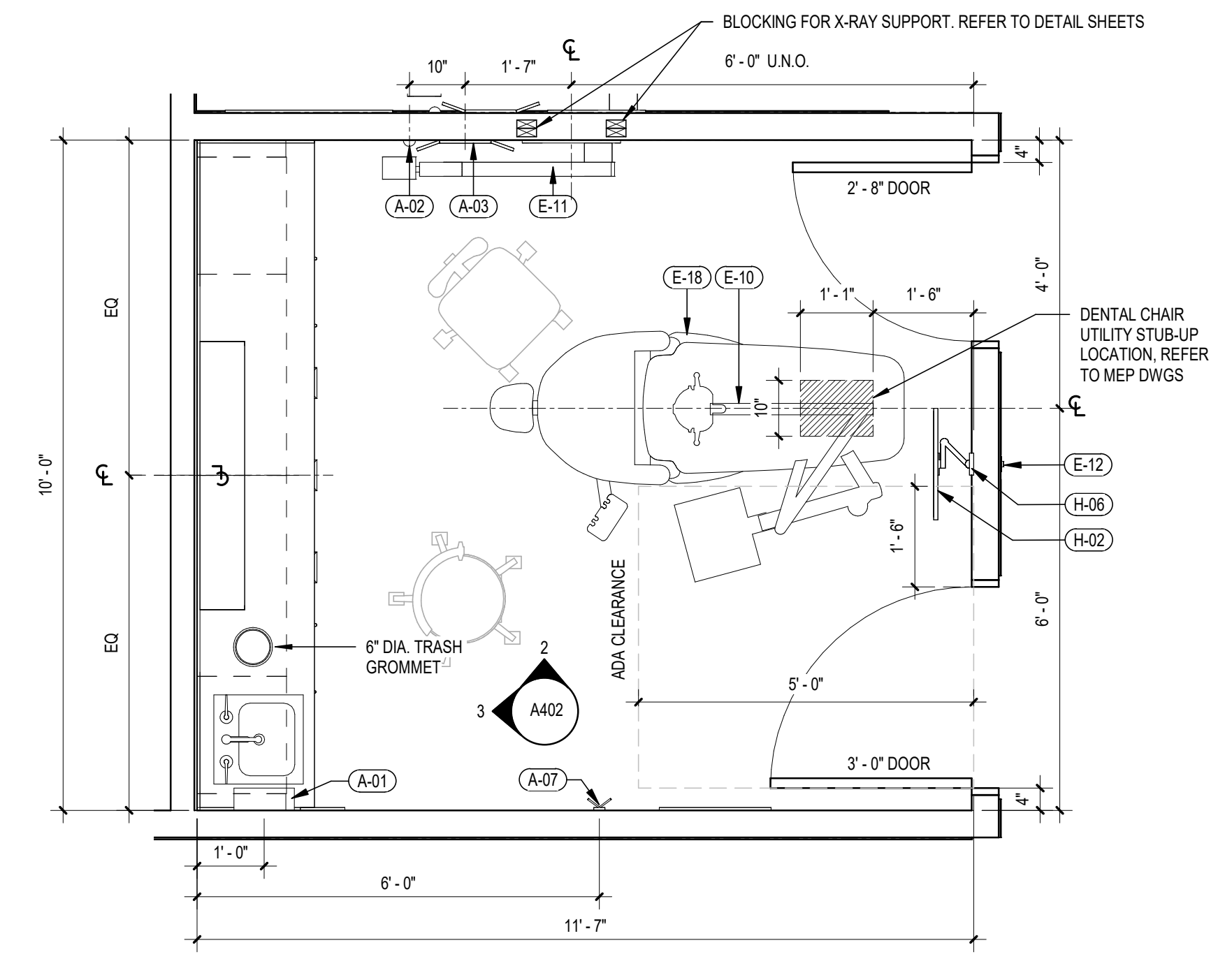
A402
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 Project No.: 223001



3 ELEVATION - TREATMENT ROOM SUITE - 12 O'CLOCK WALL
 A402 3/4" = 1'-0"

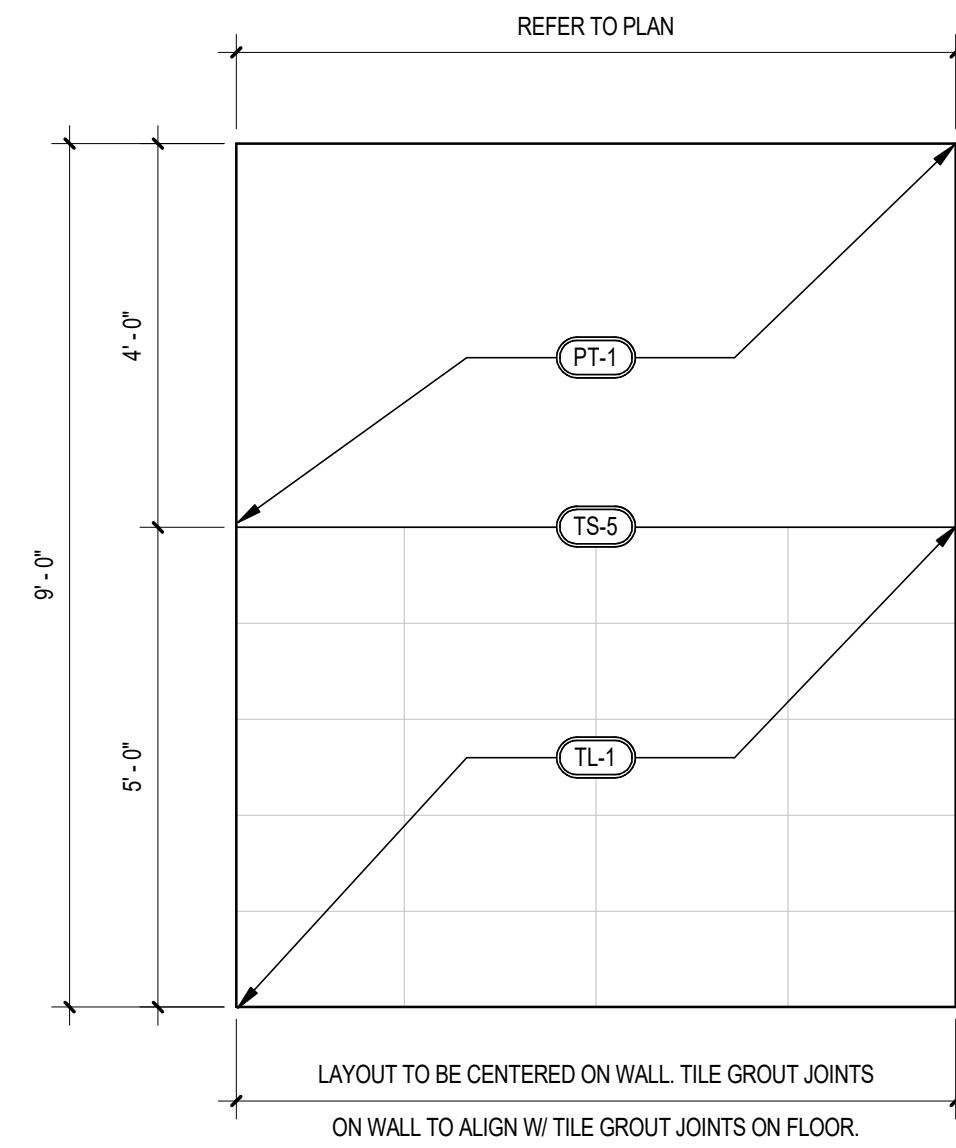


2 ELEVATION - TREATMENT ROOM SUITE - X-RAY WALL
 A402 3/4" = 1'-0"

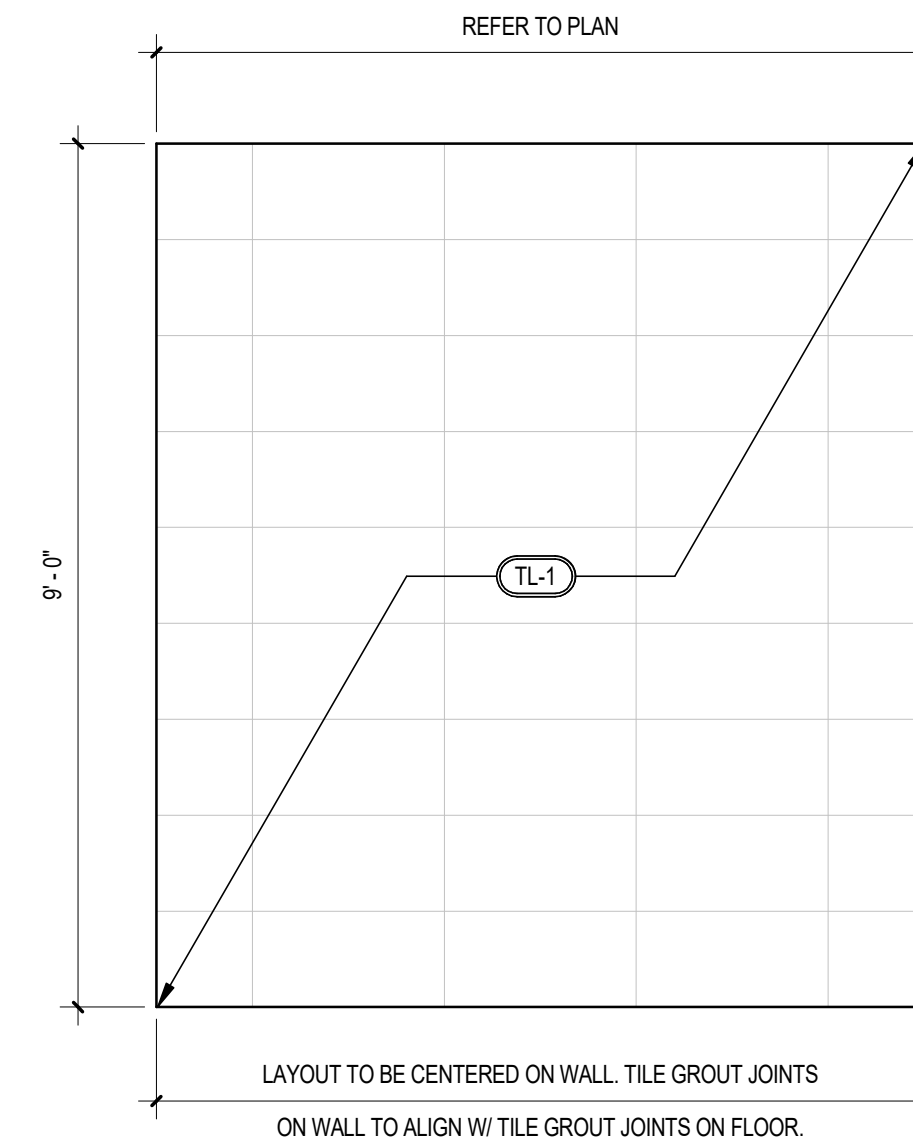


1 ENLARGED PLAN @ TYPICAL TREATMENT SUITE
 A402 1/2" = 1'-0"

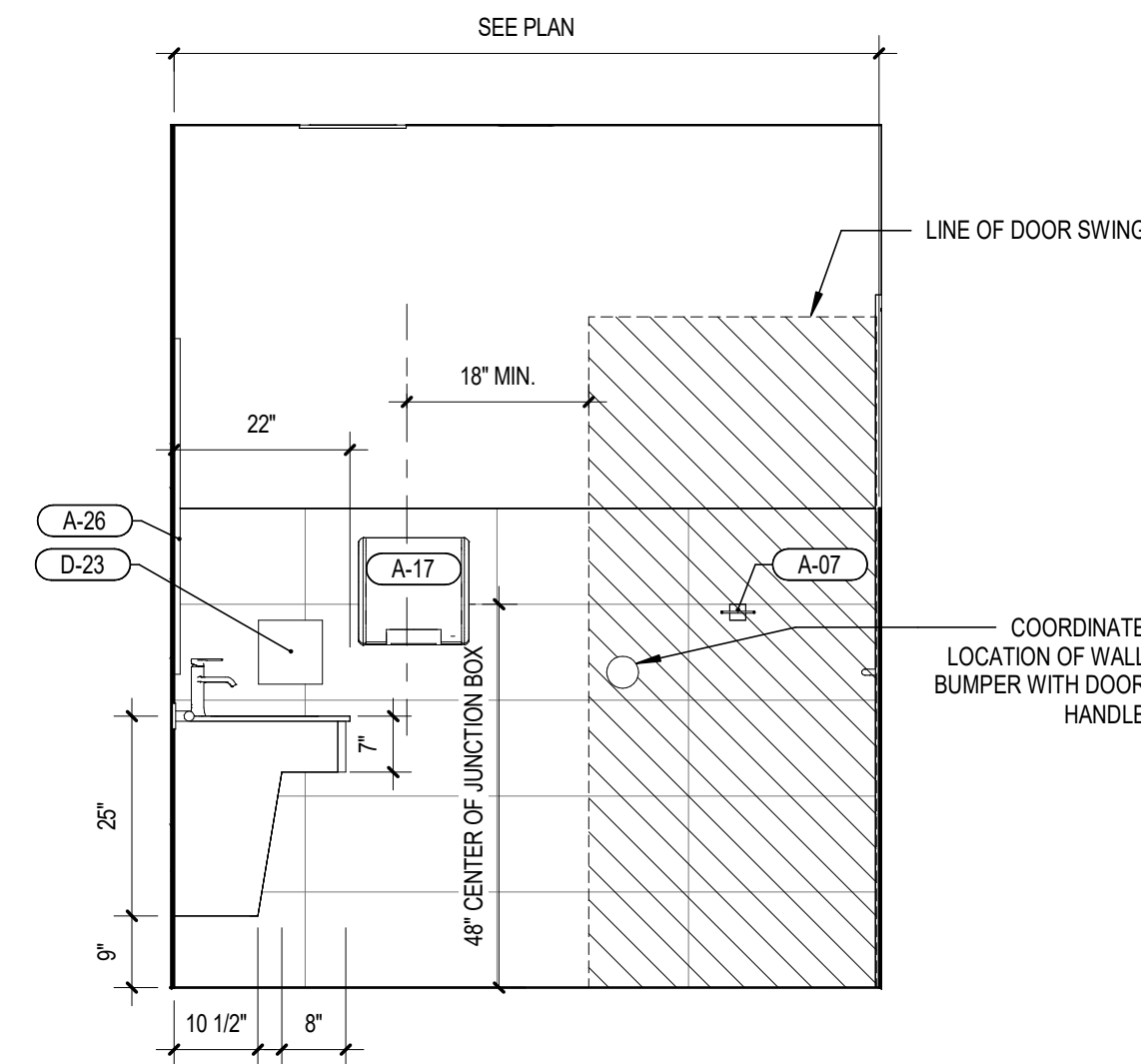
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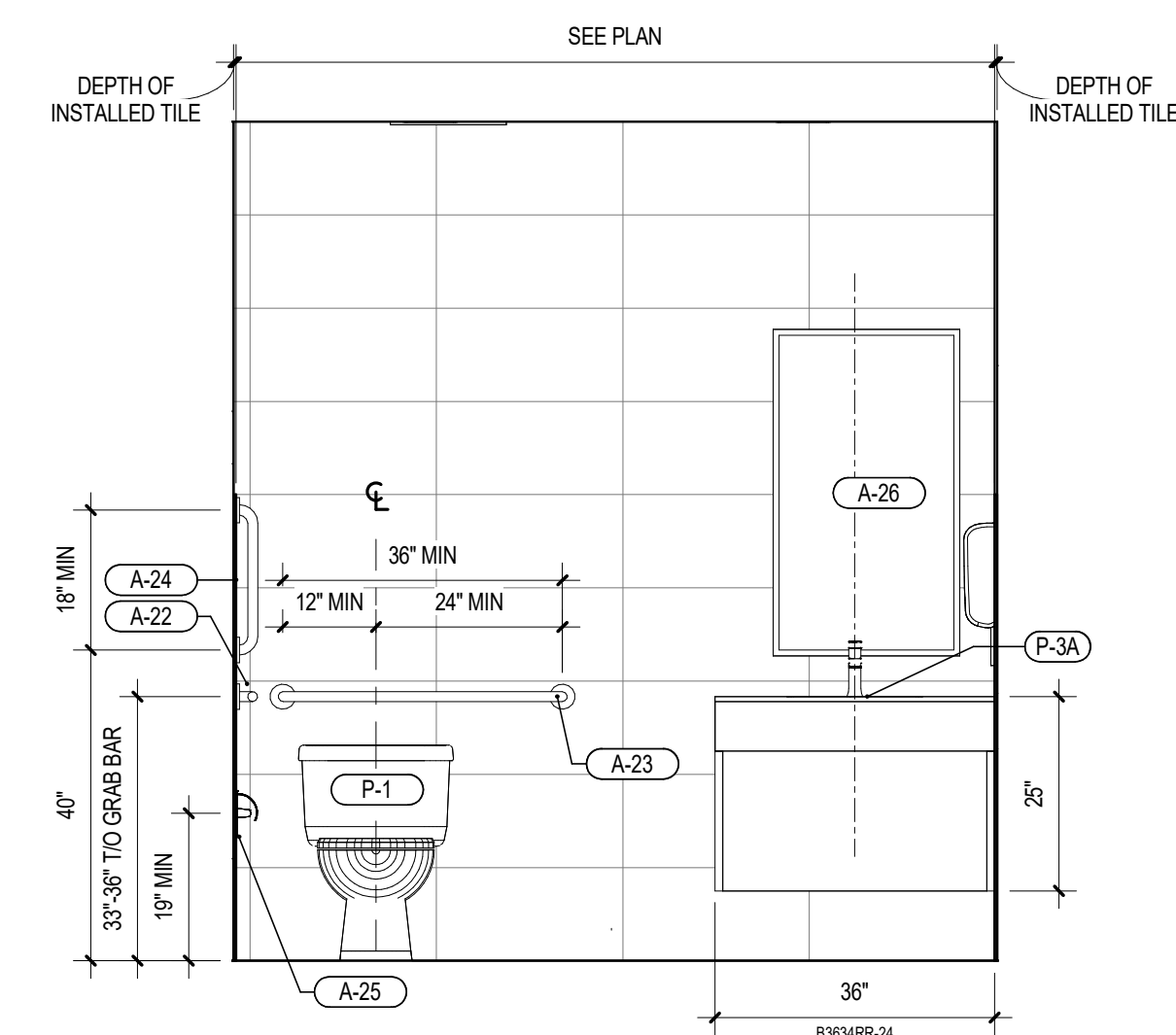
B TYPICAL TILE LAYOUT @ NON-PLUMBING WALL
A411 1/2" = 1'-0"



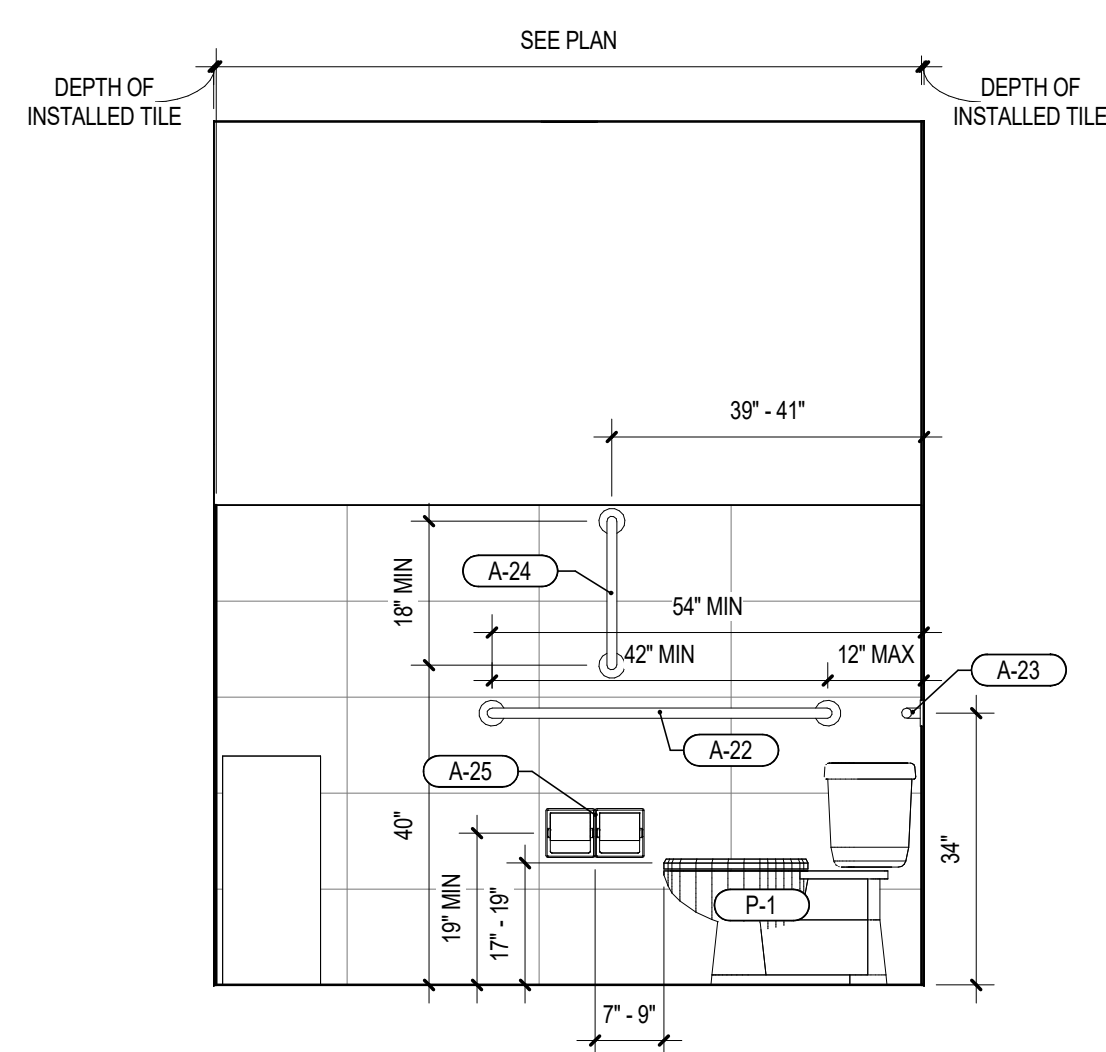
A TYPICAL TILE LAYOUT @ PLUMBING WALL
A411 1/2" = 1'-0"



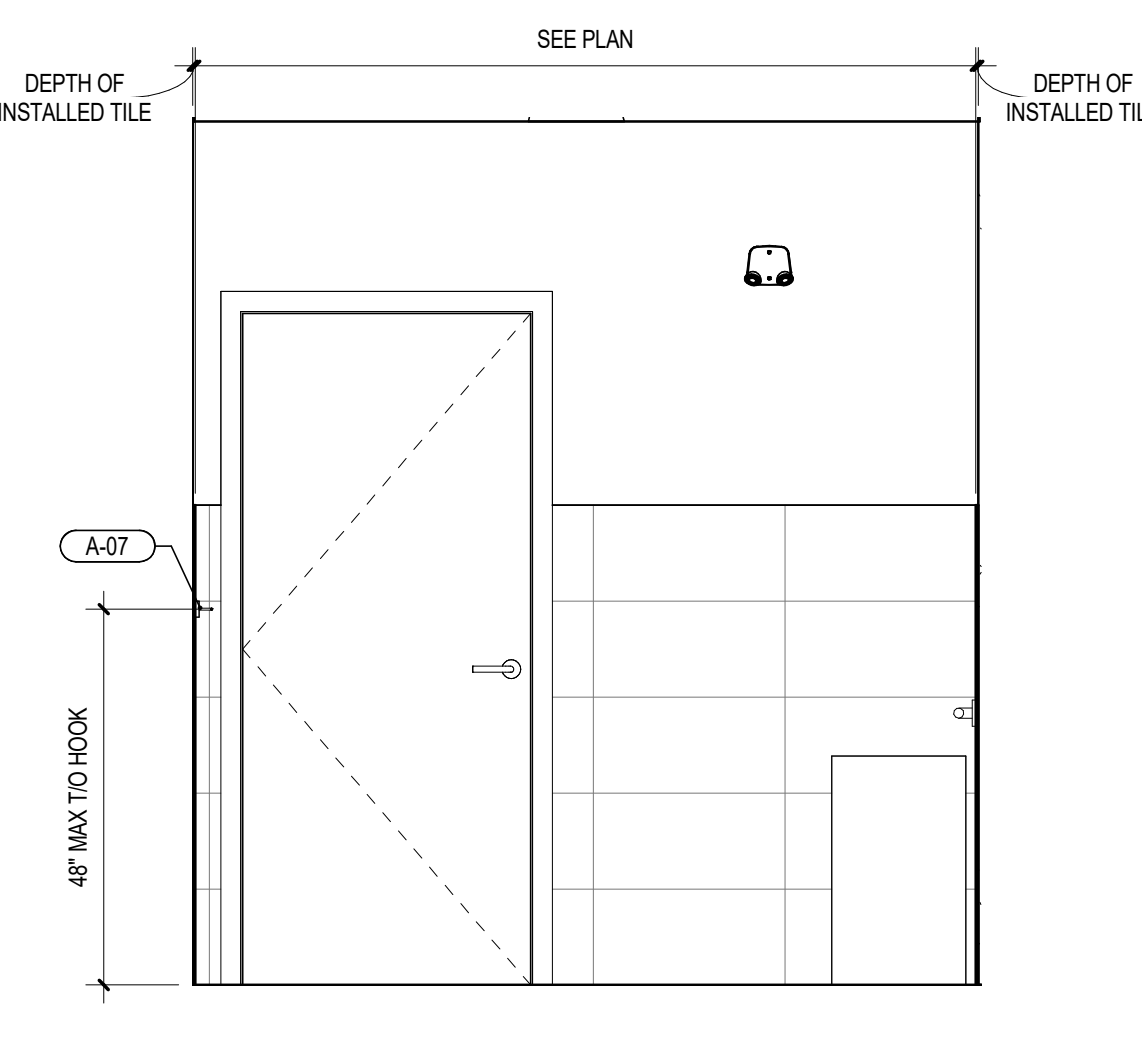
5 ELEVATION @ PUBLIC RESTROOM
A411 1/2" = 1'-0"



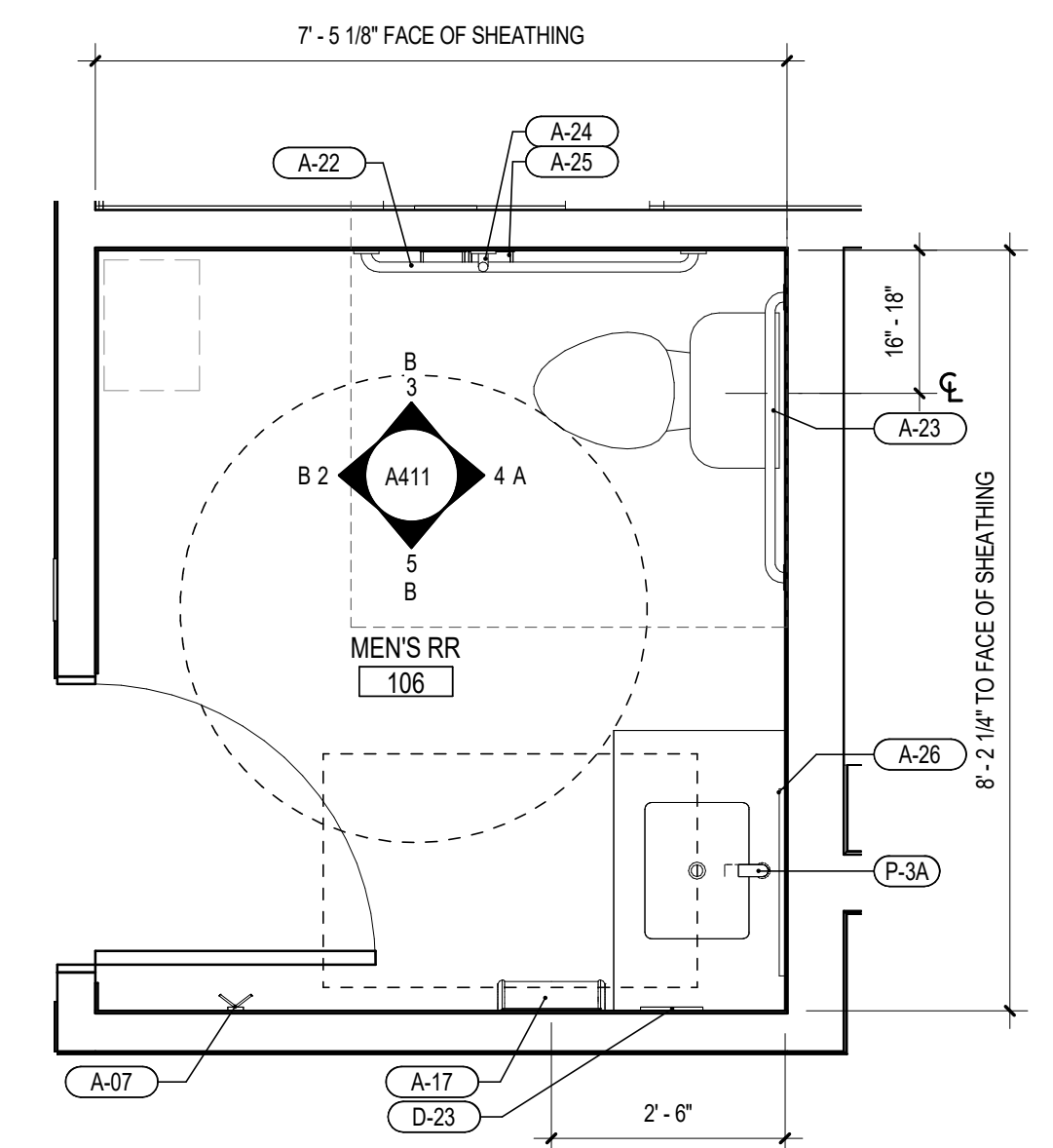
4 ELEVATION @ PUBLIC RESTROOM
A411 1/2" = 1'-0"



3 ELEVATION @ PUBLIC RESTROOM
A411 1/2" = 1'-0"



2 ELEVATION @ PUBLIC RESTROOM
A411 1/2" = 1'-0"



1 ENLARGED PLAN @ PUBLIC RESTROOM
A411 1/2" = 1'-0"

RESTROOM FINISH NOTES

- REFER TO FINISH PLAN & SCHEDULES FOR FINISH DESIGNATIONS
- ALL CLEAR DIMENSIONS SHOWN ARE FROM FINISHED FACE OF TILE TO FINISHED FACE OF TILE
- WHEN DOOR SWINGS INTO TURNING CIRCLE, ADDITIONAL 30"x48" CLEAR FLOOR SPACE PROVIDED BEYOND ARC OF DOOR SWING PER 603.2.3 (EXCEPTION #2) AND 305.3 OF THE 2010 ADA STANDARDS
- ALL INSTALLATIONS AND FIXTURES ARE TO BE IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL ACCESSIBILITY REGULATIONS.
- PROVIDE BLOCKING IN WALLS AS REQUIRED TO ANCHOR FIXTURES. SEE BLOCKING DETAIL SHEETS
- INSULATE EXPOSED HOT WATER AND DRAIN PIPES.
- MAINTAIN INTEGRITY OF ALL FIRE RATED WALLS DENOTED ON PLANS.
- REFER TO EQUIPMENT SCHEDULE & PLUMBING DRAWINGS FOR MORE INFORMATION.

RESTROOM EQUIPMENT SCHEDULE

ITEM	DESCRIPTION	REMARKS
A-07	COAT HOOK	OWNER TO VERIFY MOUNTING LOCATIONS
A-17	HAND DRYER	G.C. TO PROVIDE BLOCKING & POWER REQUIRED FOR INSTALLATION
A-22	42" HORIZONTAL GRAB BAR	
A-23	36" HORIZONTAL GRAB BAR	
A-24	18" VERTICAL GRAB BAR	
A-25	RECESSED TISSUE PAPER DISPENSER	
A-26	MIRROR (24" x 42")	
A-27	MIRROR (18" x 30")	
P-1	WATER CLOSET - TANK TYPE	REFER TO PLUMBING SCHEDULE FOR SPECIFICATIONS
P-3A	PUBLIC RR INTEGRATED LAVATORY	REFER TO PLUMBING SCHEDULE FOR SPECIFICATIONS
P-3B	WALL MOUNTED LAVATORY	REFER TO PLUMBING SCHEDULE FOR SPECIFICATIONS

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RESTROOM PLANS AND DETAILS
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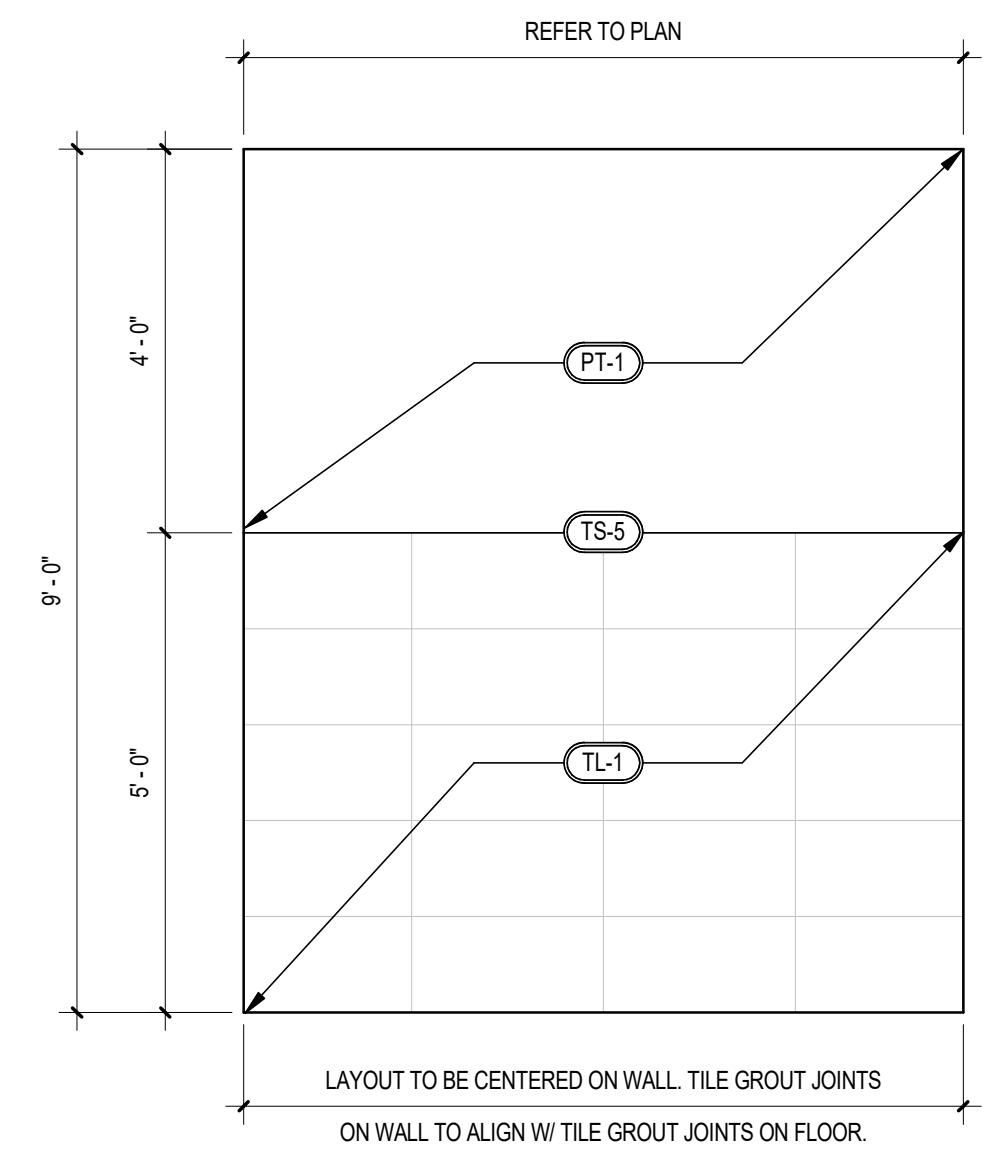
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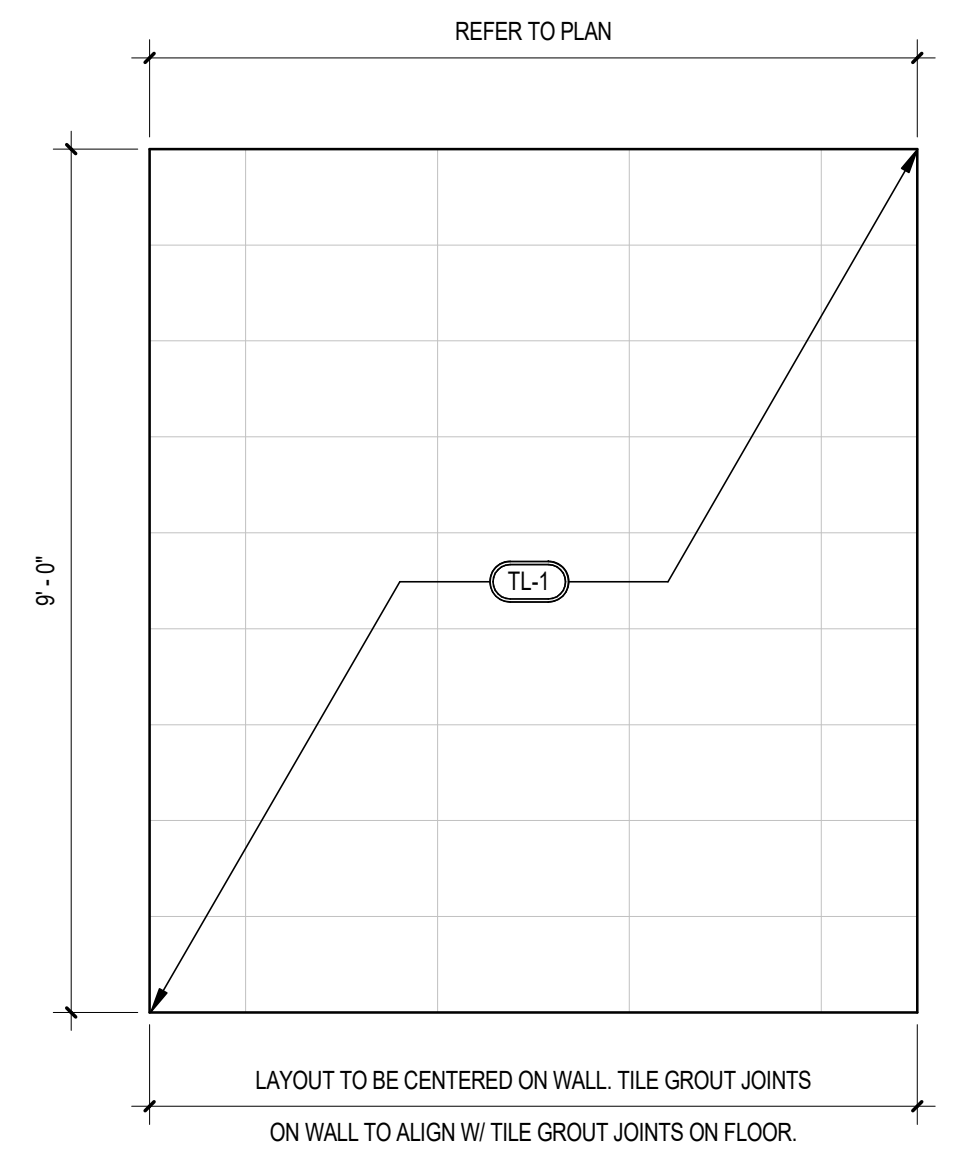
- REFER TO FINISH PLAN & SCHEDULES FOR FINISH DESIGNATIONS
- ALL CLEAR DIMENSIONS SHOWN ARE FROM FINISHED FACE OF TILE TO FINISHED FACE OF TILE.
- WHEN DOOR SWINGS INTO TURNING CIRCLE, ADDITIONAL 30"x48" CLEAR FLOOR SPACE PROVIDED BEYOND ARC OF DOOR SWING PER 603.2.3 (EXCEPTION #2) AND 305.3 OF THE 2010 ADA STANDARDS
- ALL INSTALLATIONS AND FIXTURES ARE TO BE IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL ACCESSIBILITY REGULATIONS.
- PROVIDE BLOCKING IN WALLS AS REQUIRED TO ANCHOR FIXTURES. SEE BLOCKING DETAIL SHEETS
- INSULATE EXPOSED HOT WATER AND DRAIN PIPES.
- MAINTAIN INTEGRITY OF ALL FIRE RATED WALLS DENOTED ON PLANS.
- REFER TO EQUIPMENT SCHEDULE & PLUMBING DRAWINGS FOR MORE INFORMATION.

RESTROOM EQUIPMENT SCHEDULE

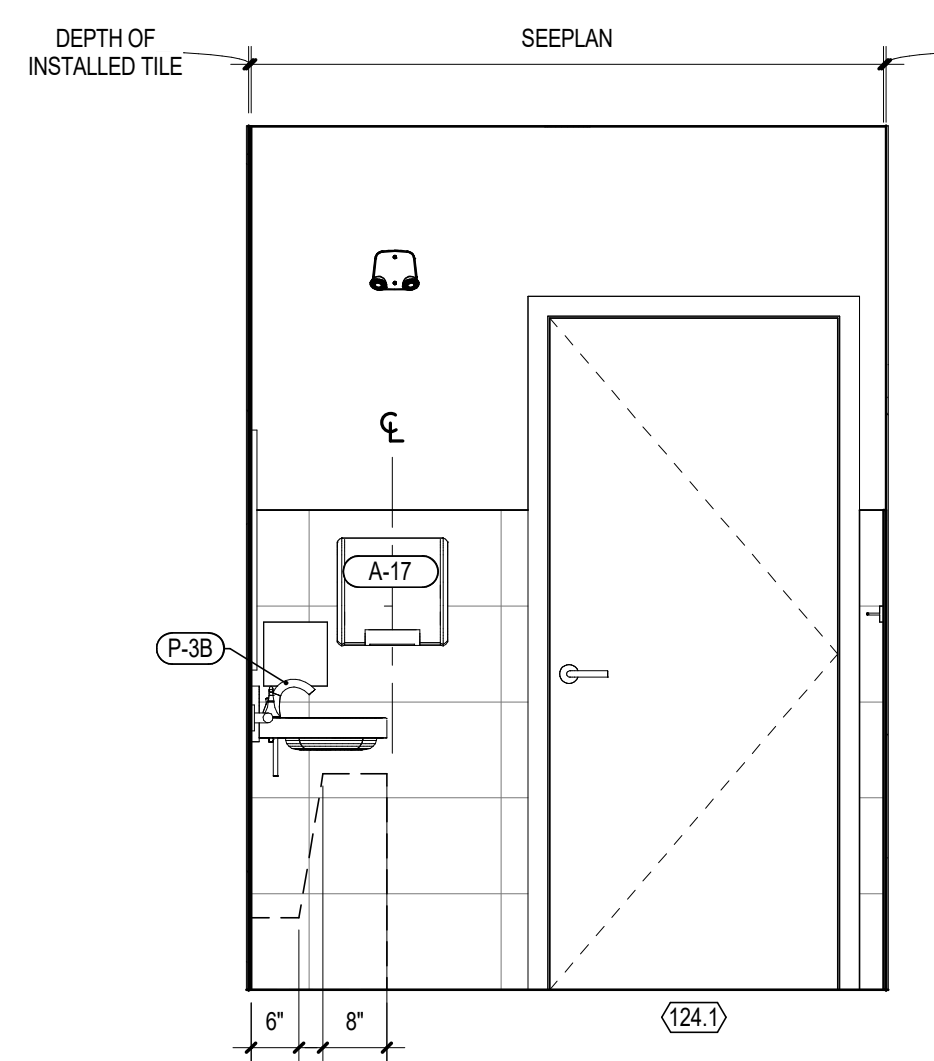
ITEM	DESCRIPTION	REMARKS
A-07	COAT HOOK	OWNER TO VERIFY MOUNTING LOCATIONS
A-17	HAND DRYER	G.C. TO PROVIDE BLOCKING & POWER REQUIRED FOR INSTALLATION
A-22	42" HORIZONTAL GRAB BAR	
A-23	36" HORIZONTAL GRAB BAR	
A-24	18" VERTICAL GRAB BAR	
A-25	RECESSED TISSUE PAPER DISPENSER	
A-26	MIRROR (24" x 42")	
A-27	MIRROR (18" x 30")	
P-1	WATER CLOSET - TANK TYPE	REFER TO PLUMBING SCHEDULE FOR SPECIFICATIONS
P-3A	PUBLIC RR INTEGRATED LAVATORY	REFER TO PLUMBING SCHEDULE FOR SPECIFICATIONS
P-3B	WALL MOUNTED LAVATORY	REFER TO PLUMBING SCHEDULE FOR SPECIFICATIONS



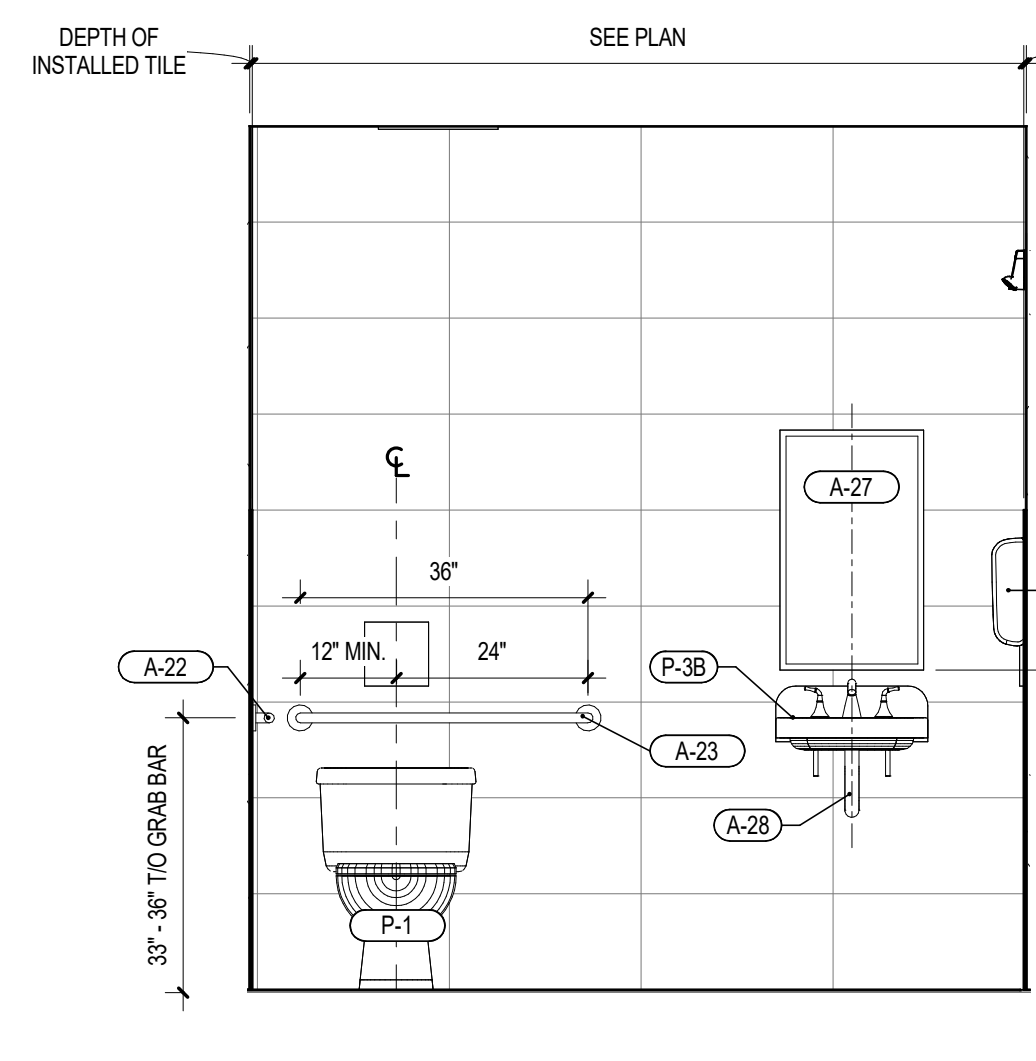
B TYPICAL TILE LAYOUT @ NON-PLUMBING WALL
 A412 1/2" = 1'-0"



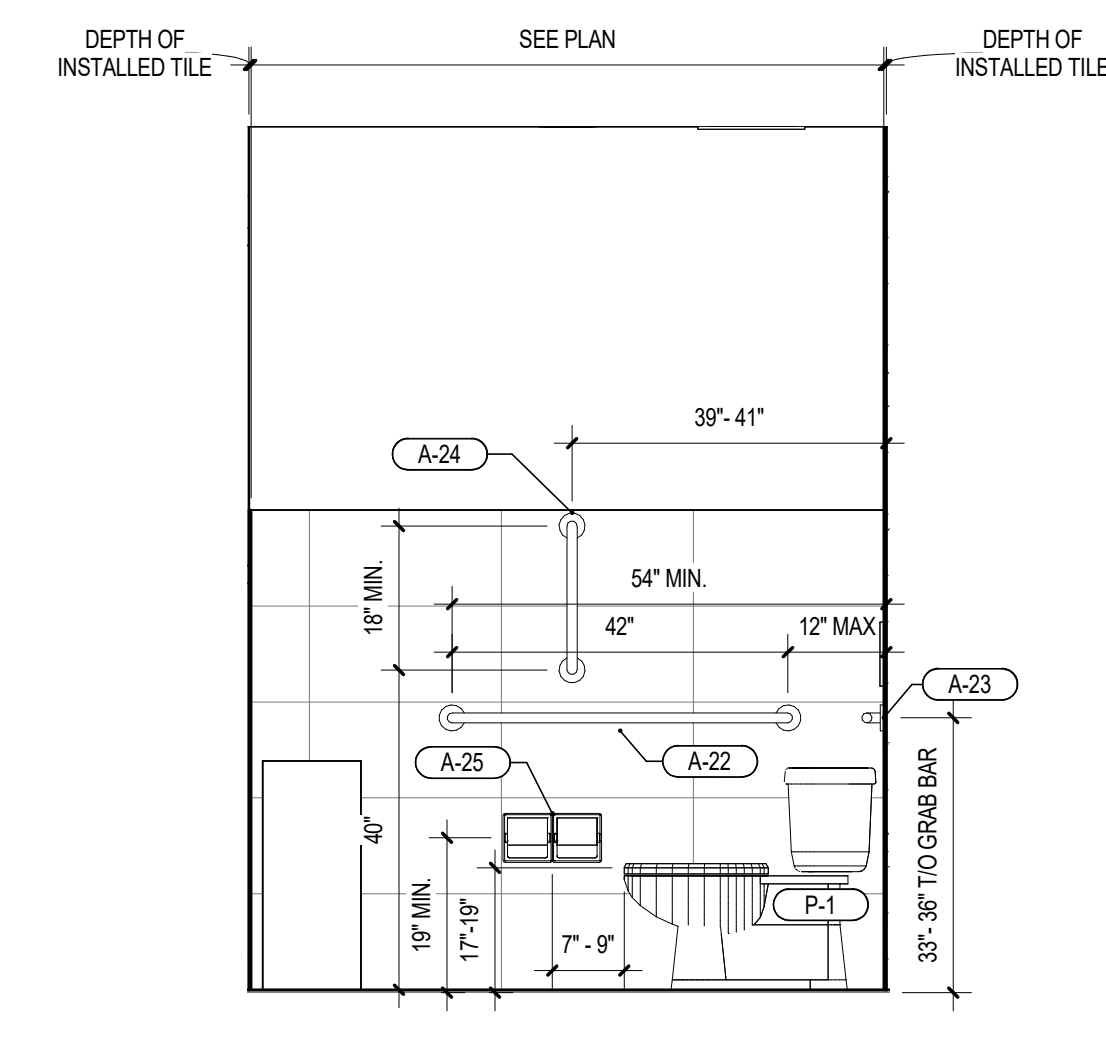
A TYPICAL TILE LAYOUT @ PLUMBING WALL
 A412 1/2" = 1'-0"



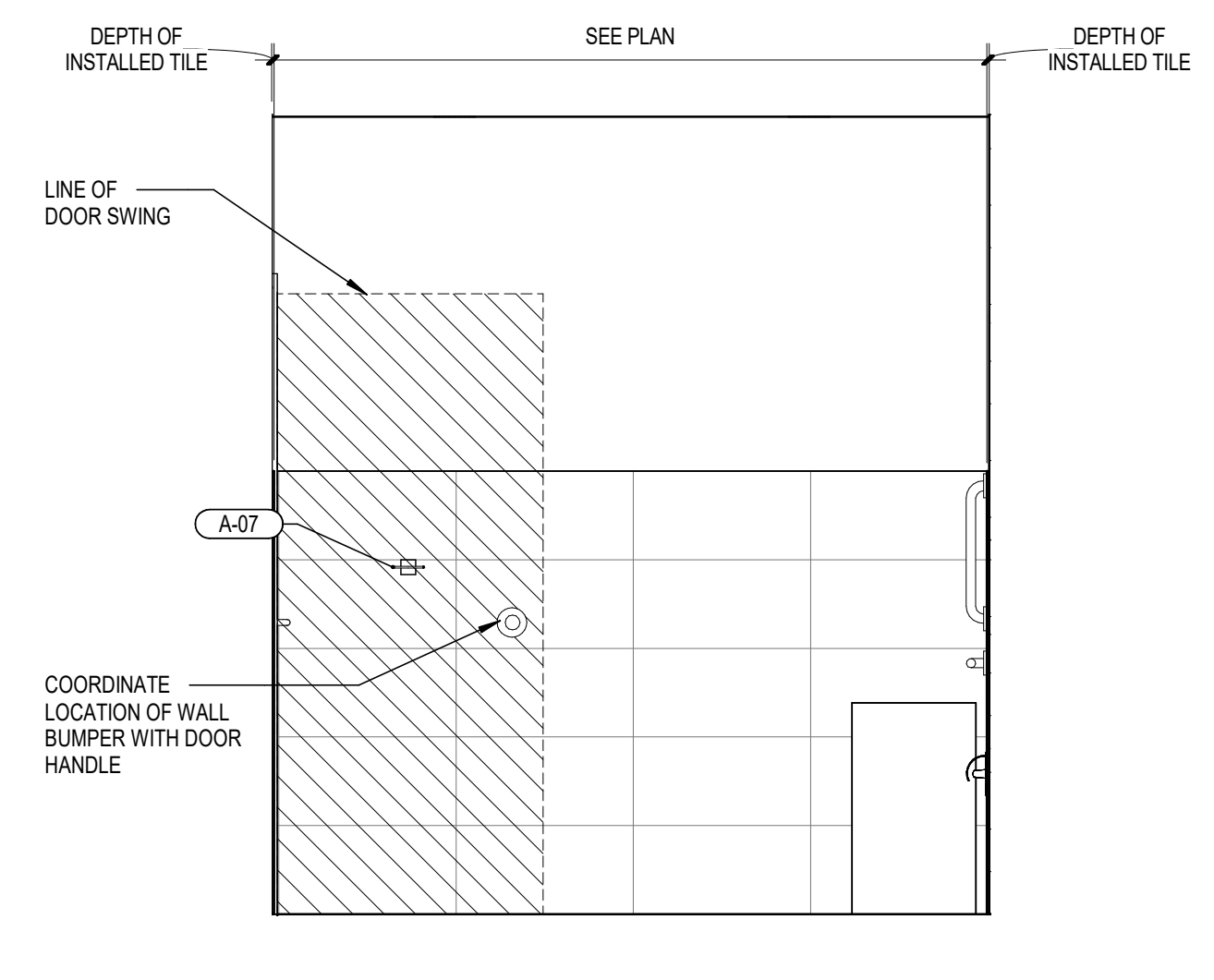
5 ELEVATION @ STAFF RESTROOM
 A412 1/2" = 1'-0"



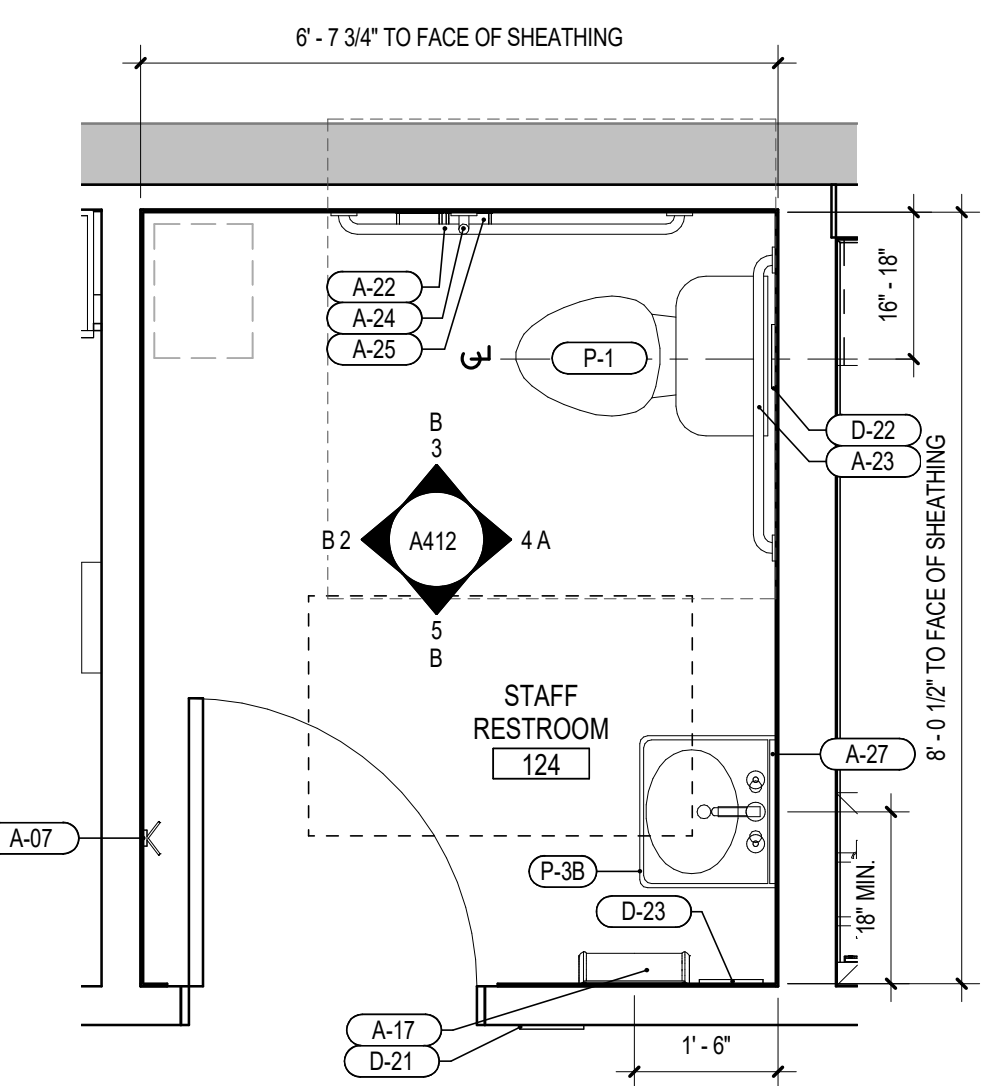
4 ELEVATION @ STAFF RESTROOM
 A412 1/2" = 1'-0"



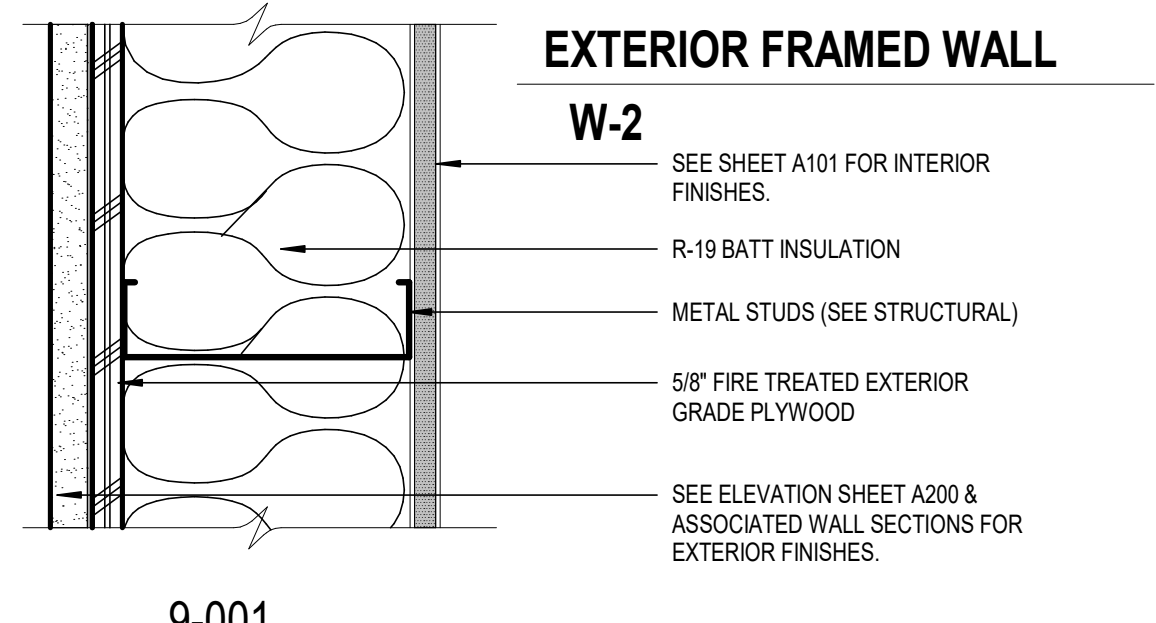
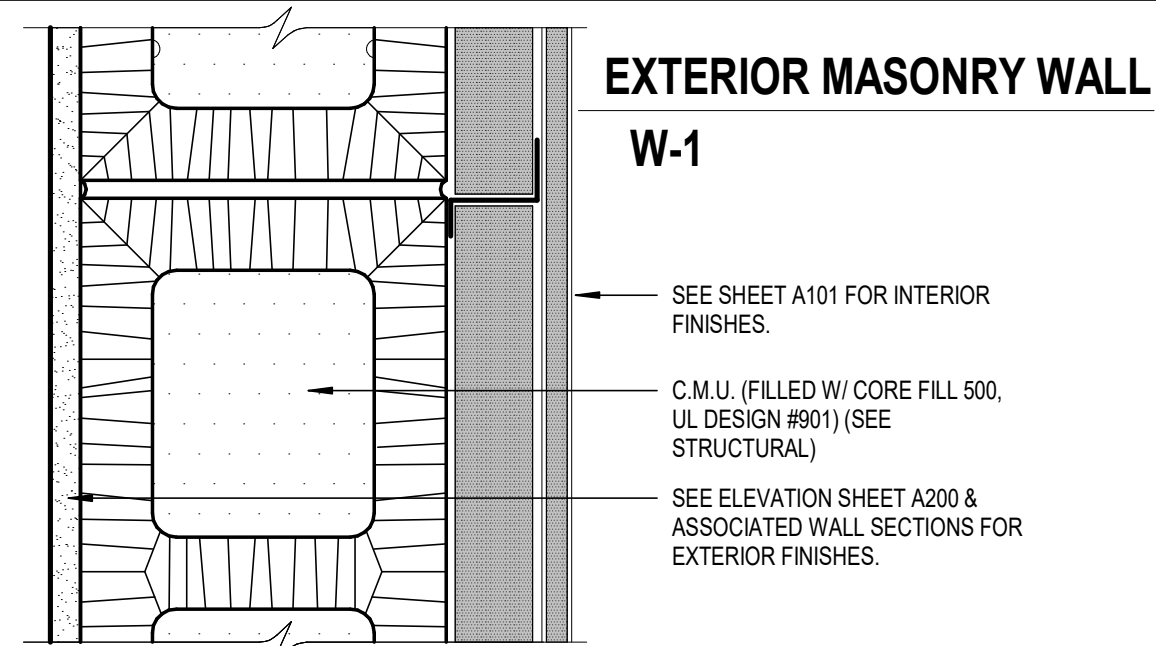
3 ELEVATION @ STAFF RESTROOM
 A412 1/2" = 1'-0"



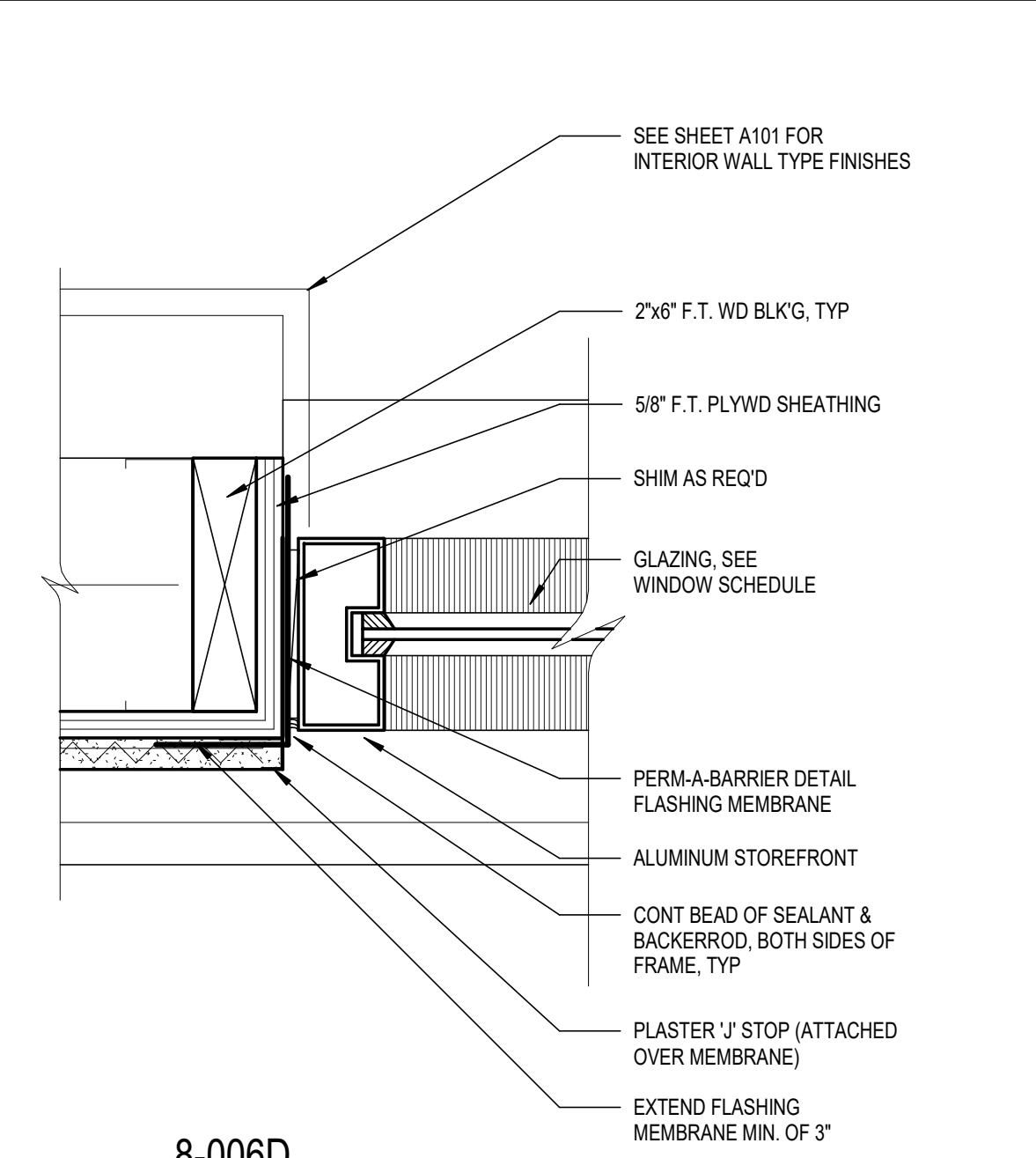
2 ELEVATION @ STAFF RESTROOM
 A412 1/2" = 1'-0"



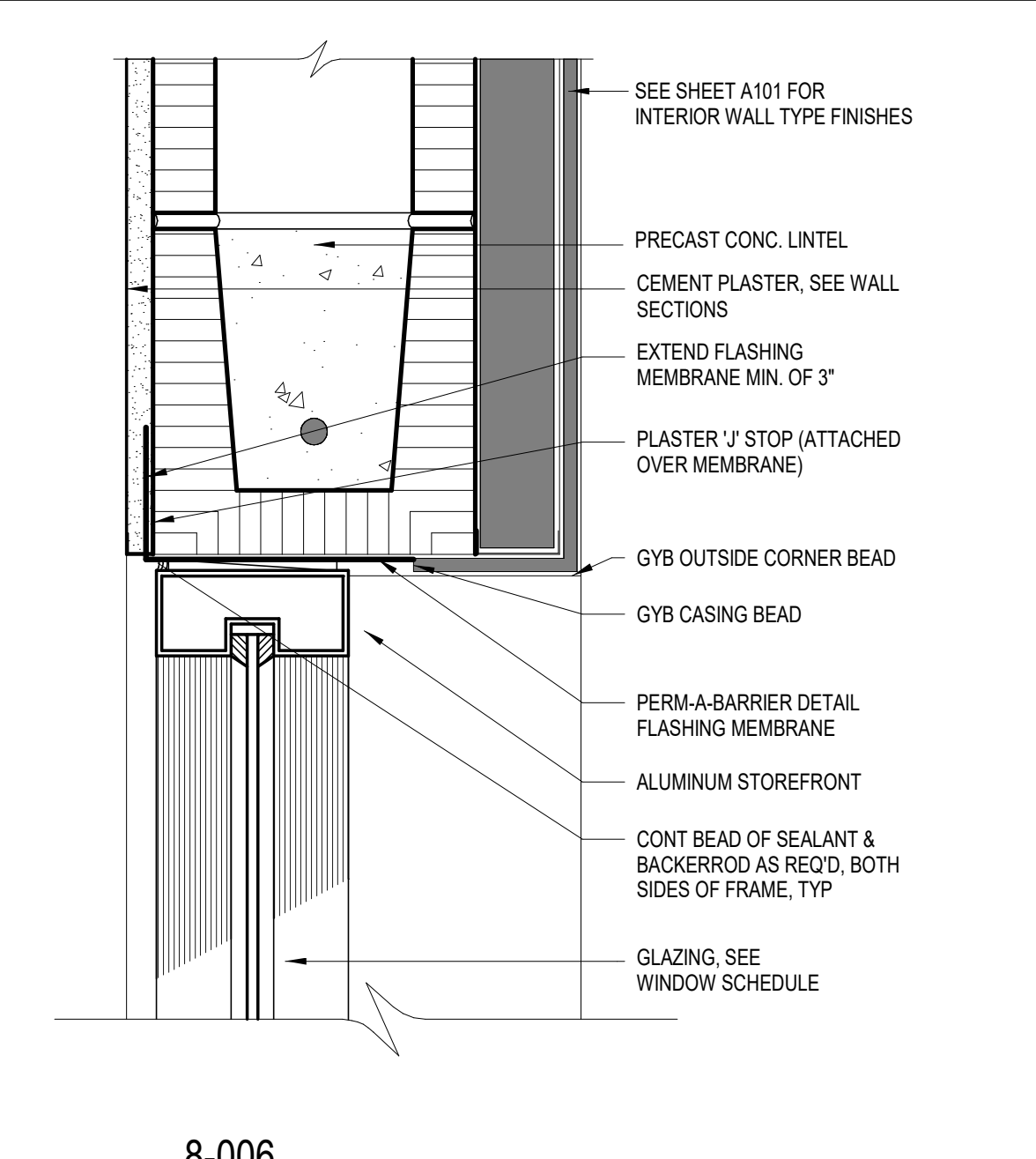
1 ENLARGED PLAN @ STAFF RESTROOM
 A412 1/2" = 1'-0"



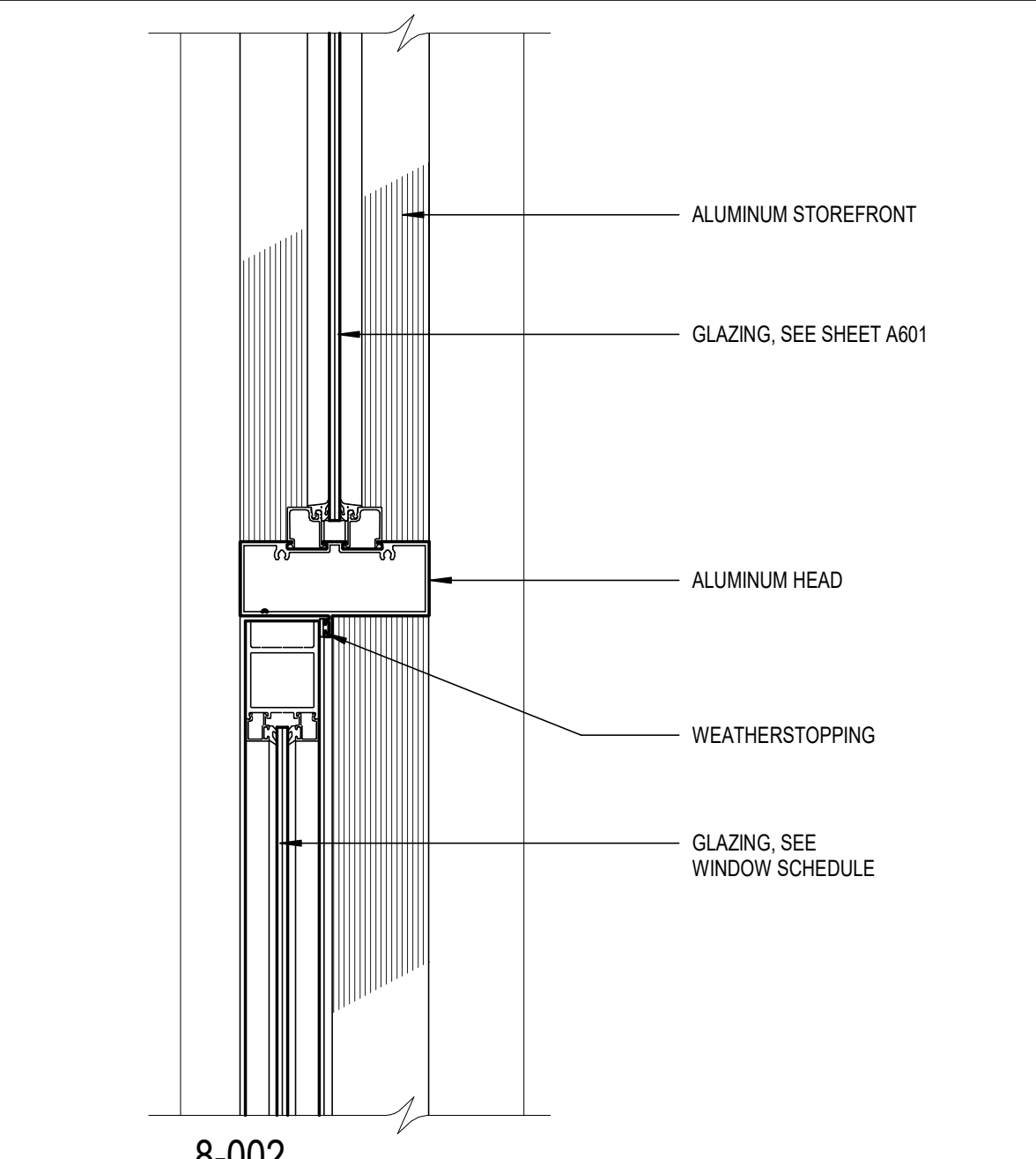
1 9-001
EXTERIOR WALL TYPES
3" = 1'-0"



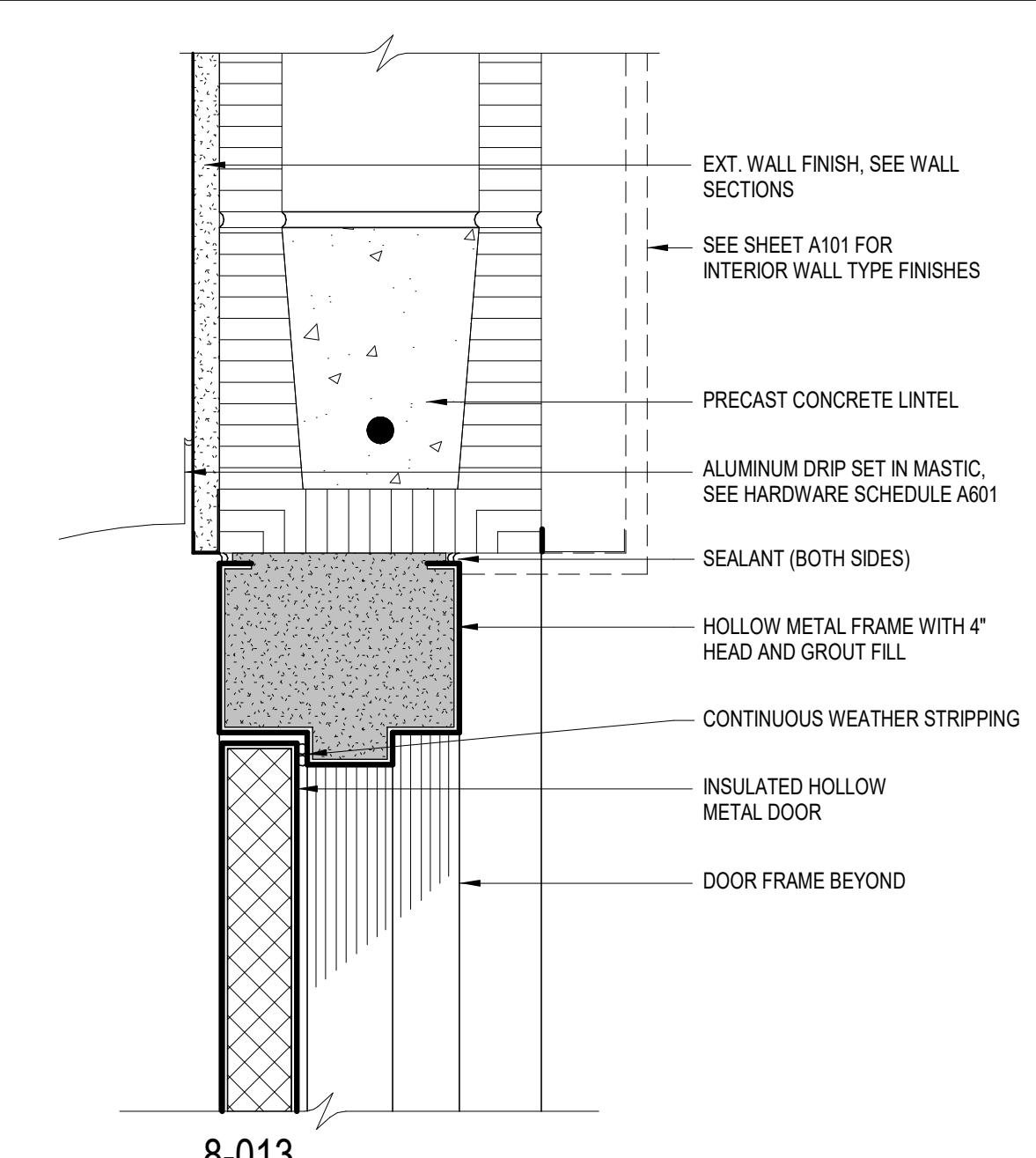
2 8-006D
STOREFRONT JAMB
3" = 1'-0"



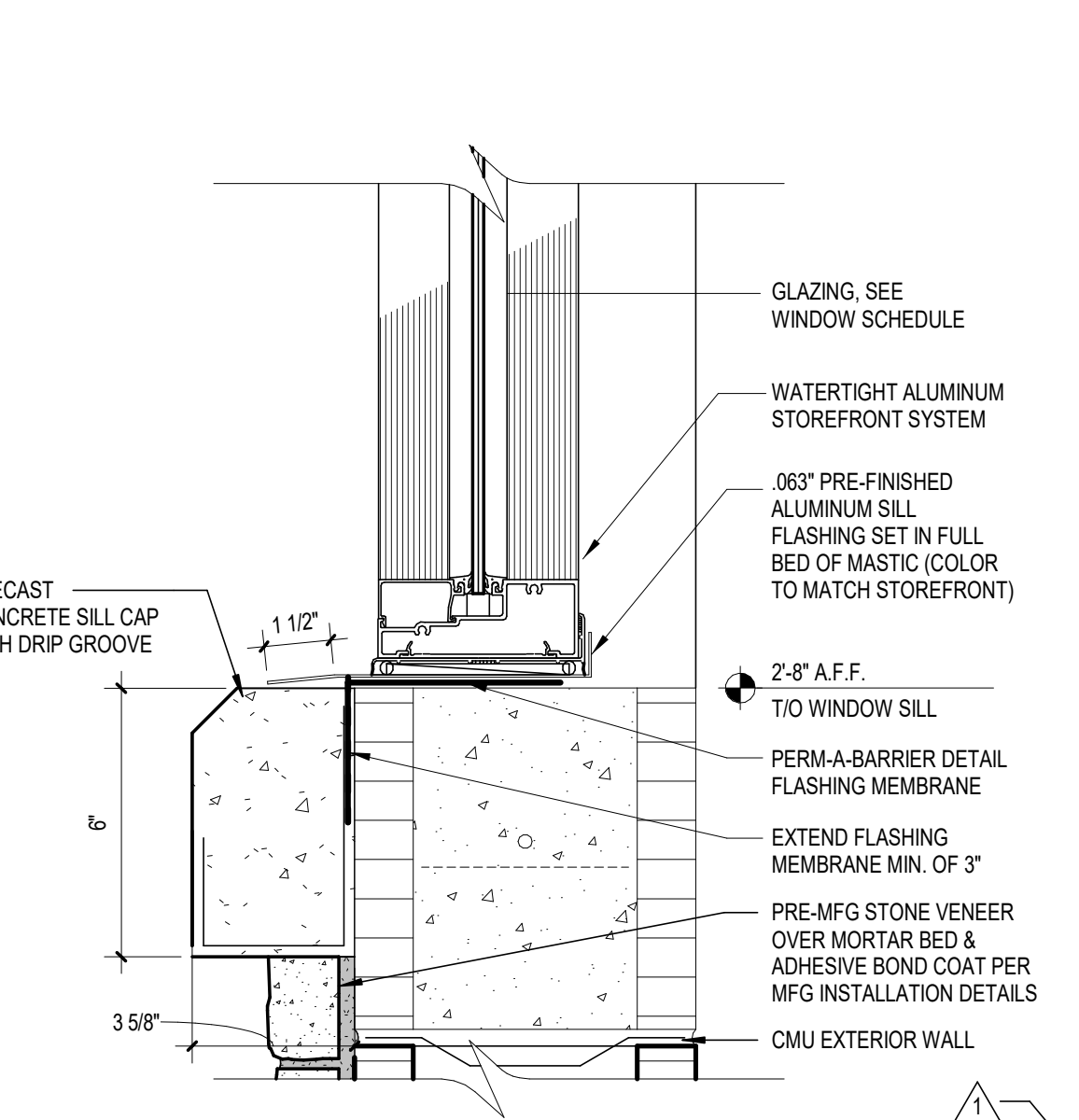
3 8-006
HEAD/JAMB AT MASONRY OPENING
3" = 1'-0"



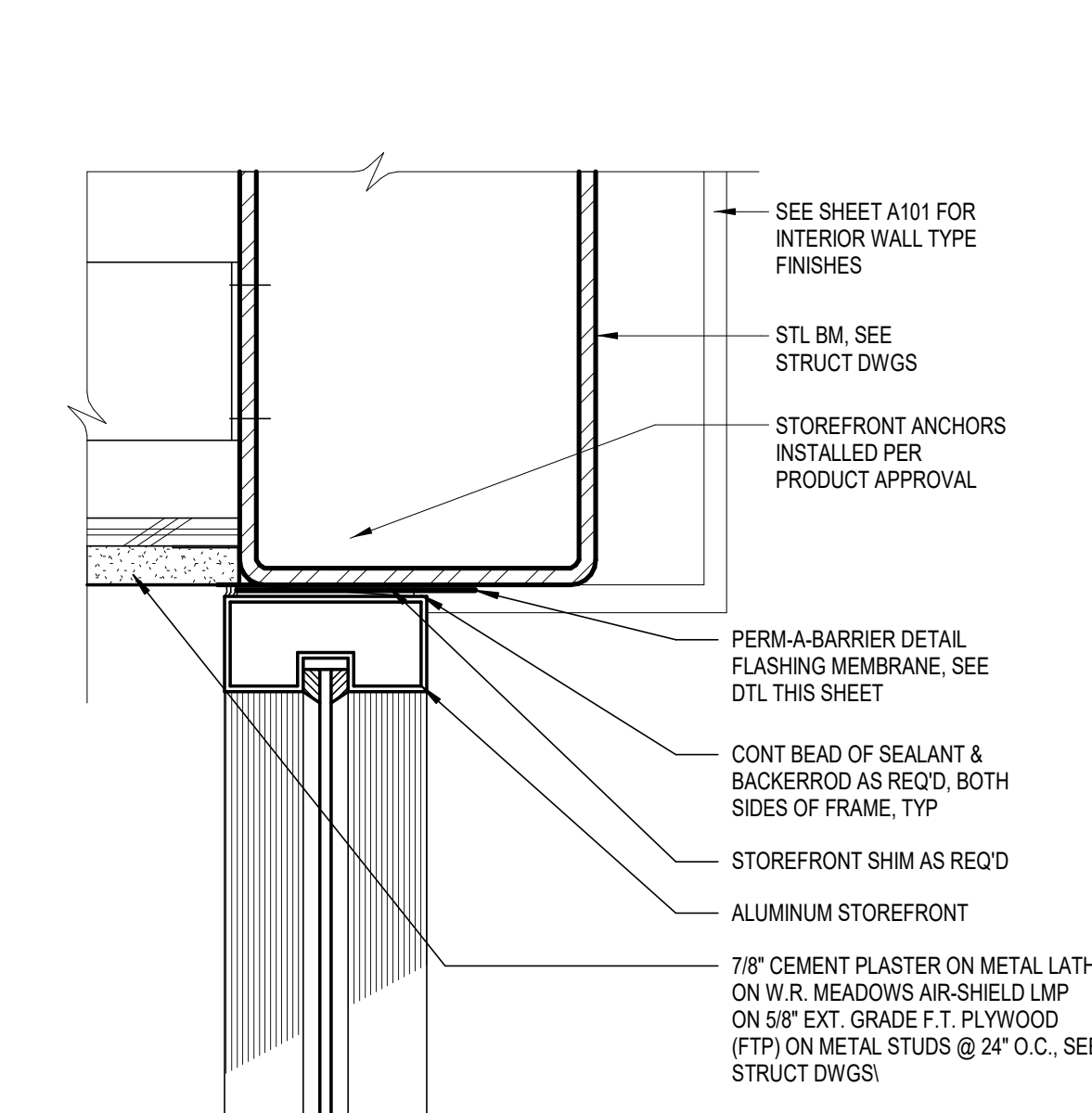
4 8-002
ALUMINUM DOOR HEAD
3" = 1'-0"



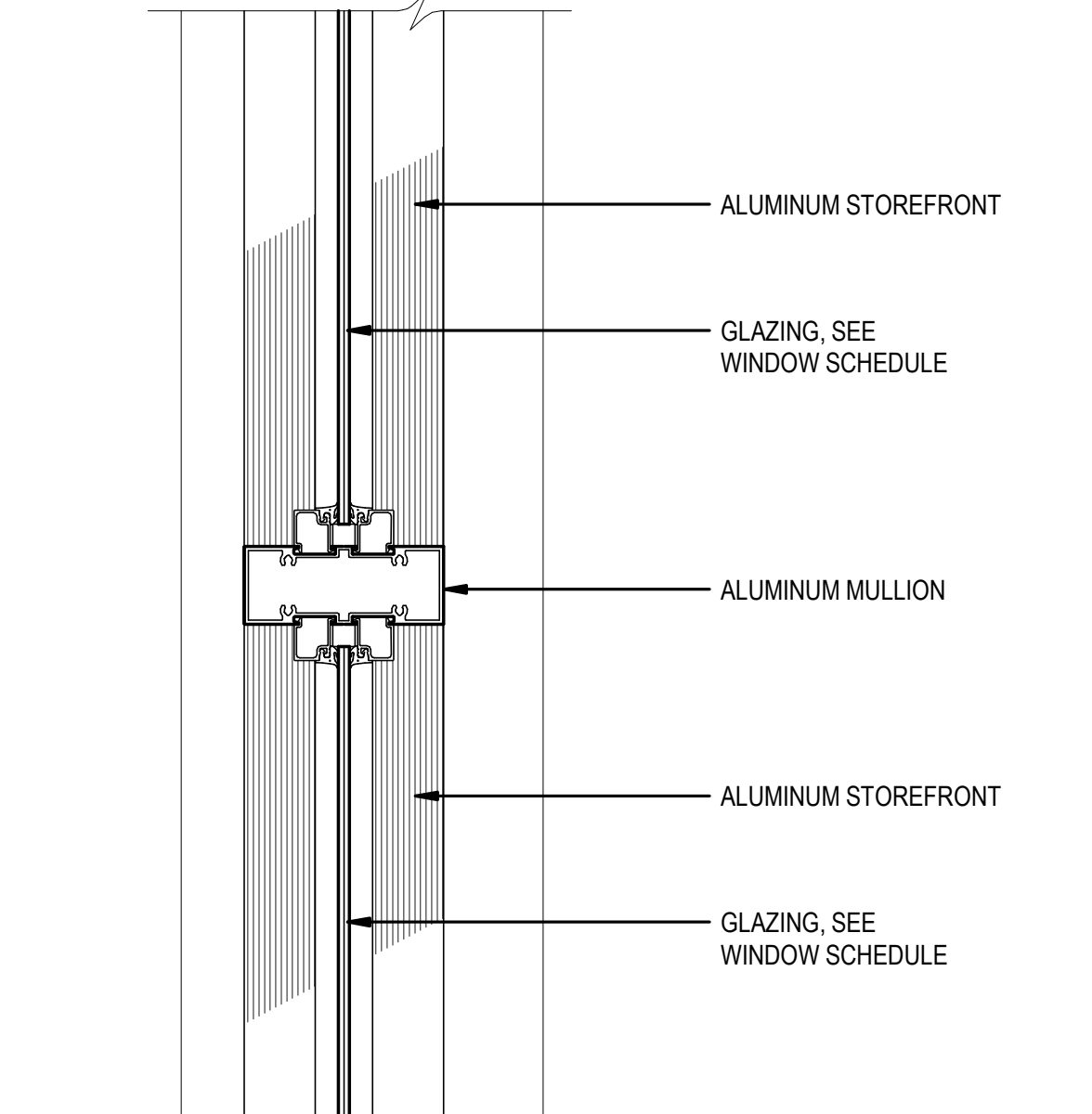
5 8-013
H.M. DOOR HEAD
3" = 1'-0"



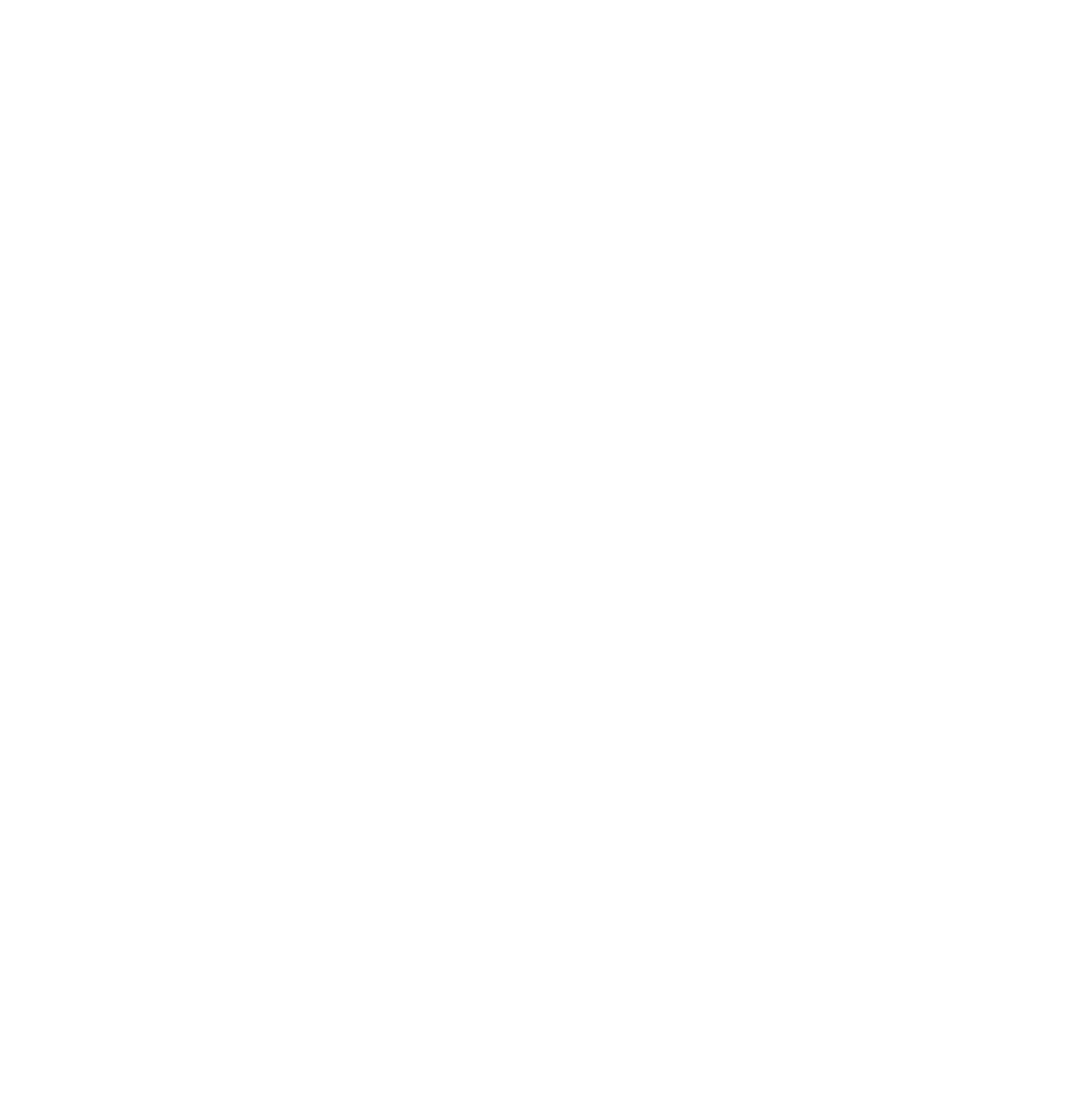
6 8-005D-HD
SILL DETAIL
3" = 1'-0"



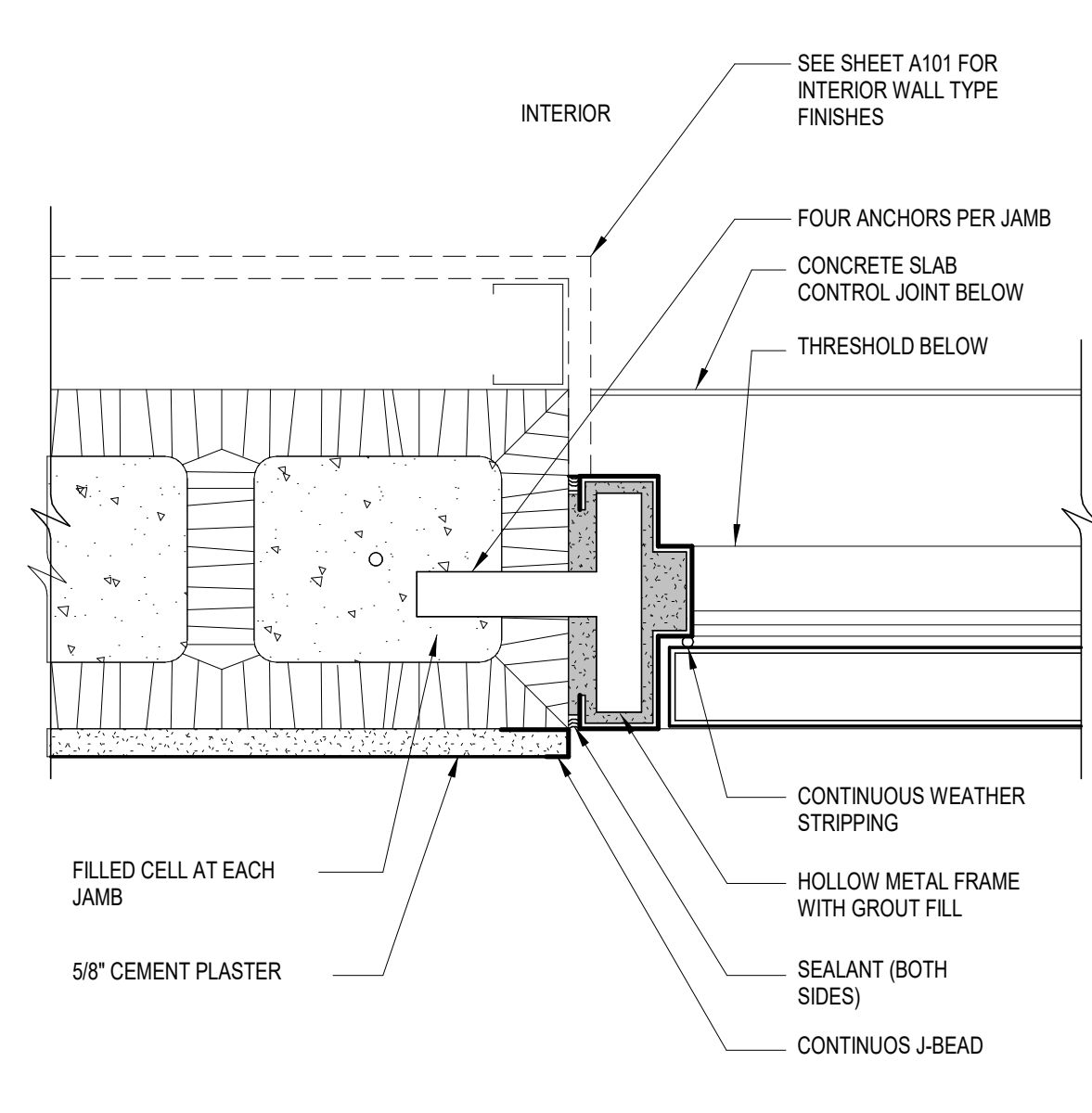
7 8-006A
HEAD AT STEEL BEAM
3" = 1'-0"



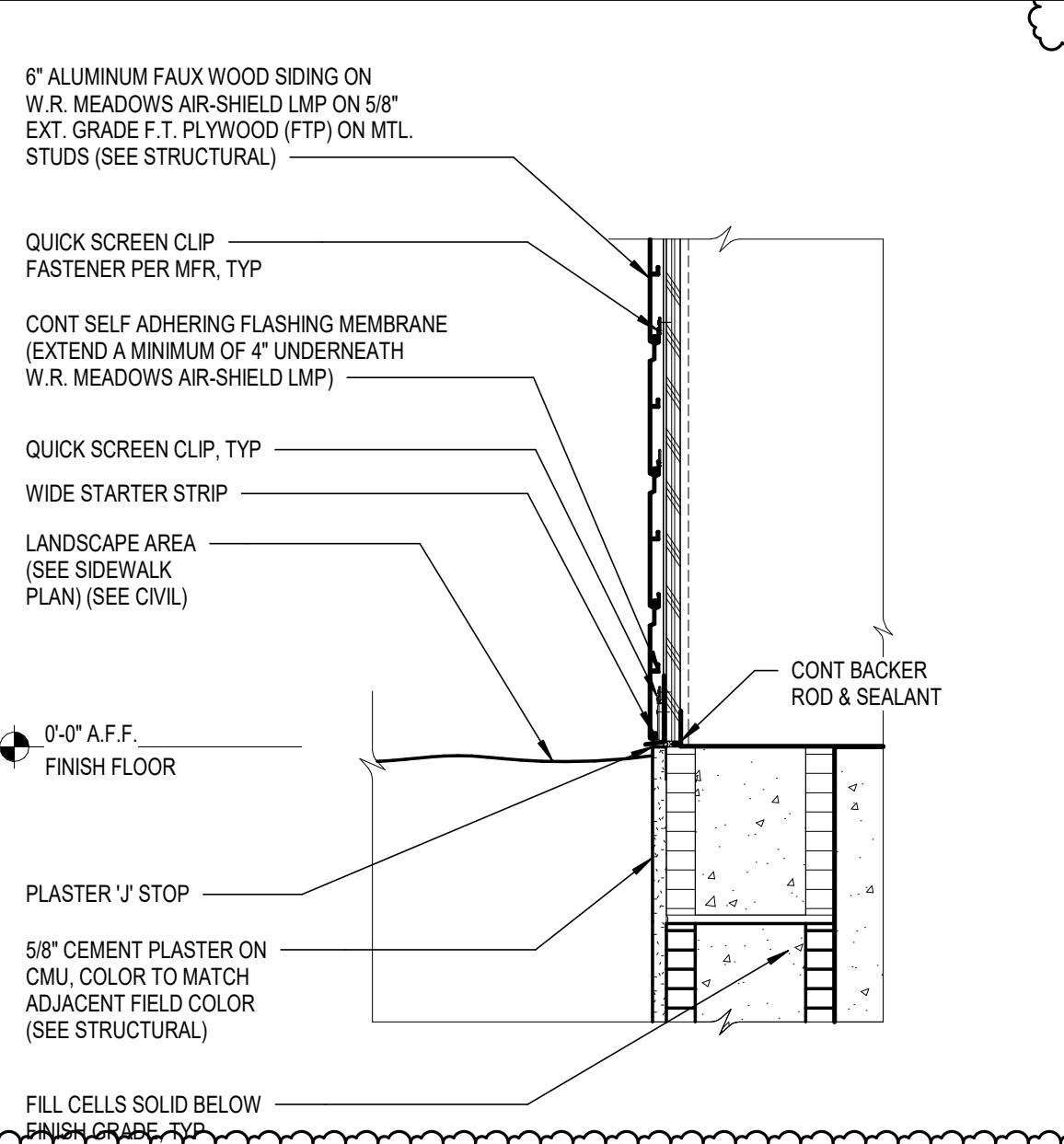
8 8-002A
ALUMINUM MULLION
3" = 1'-0"



9 NOT USED
3" = 1'-0"



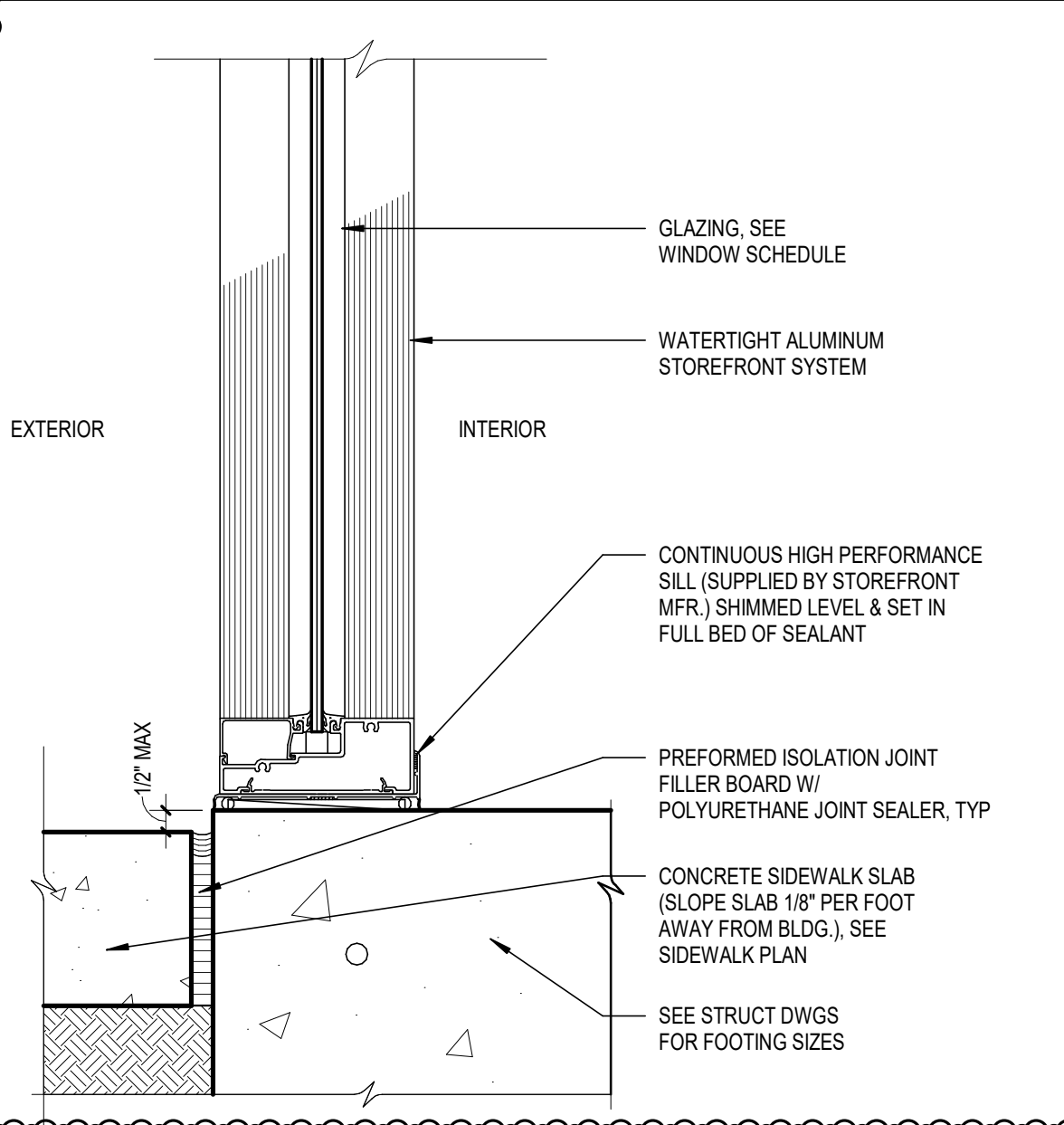
10 8-014
H.M. DOOR JAMB DETAIL
3" = 1'-0"



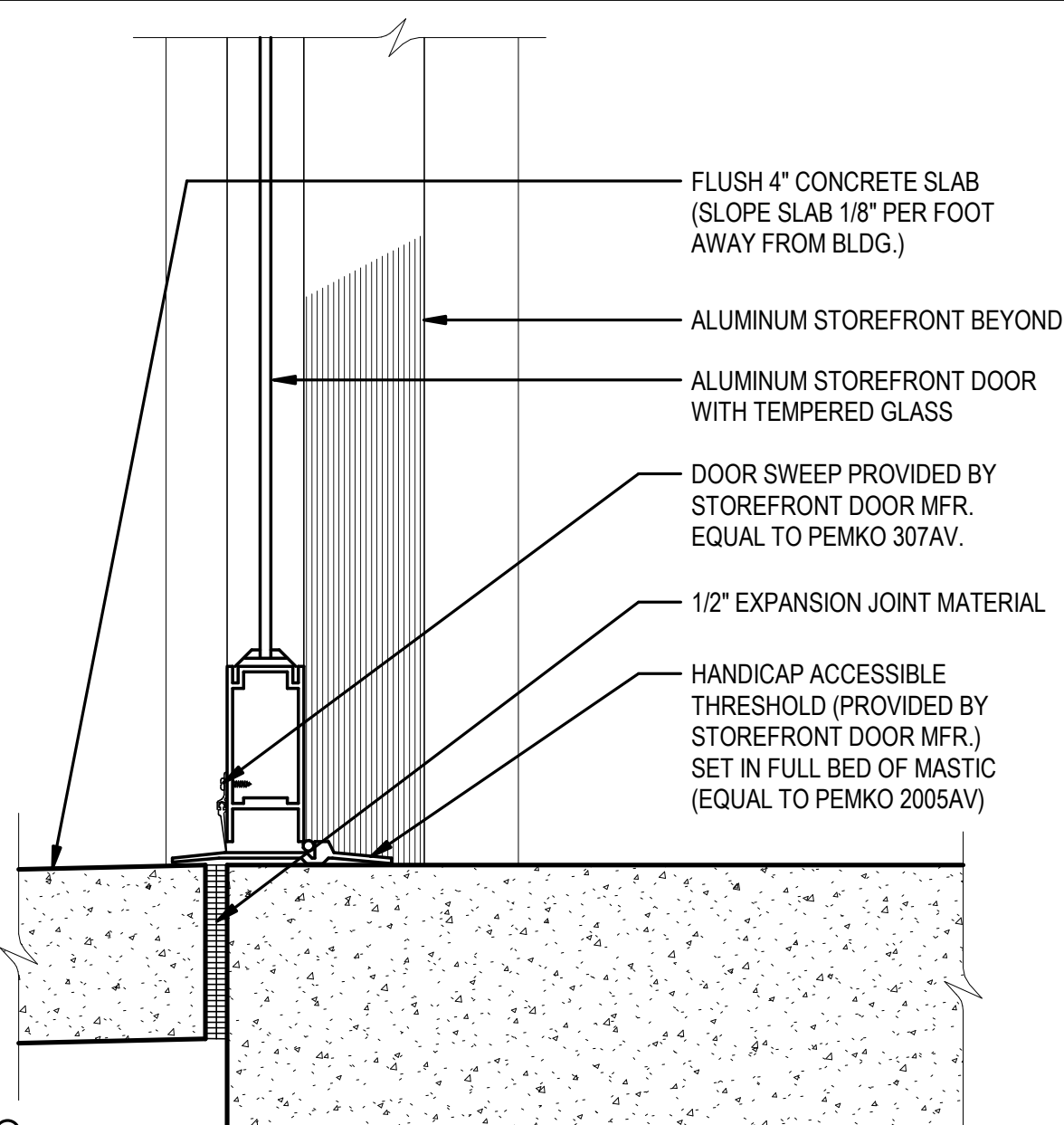
11 8-006D
PLANTER FAUX WOOD @ BASE
1 1/2" = 1'-0"



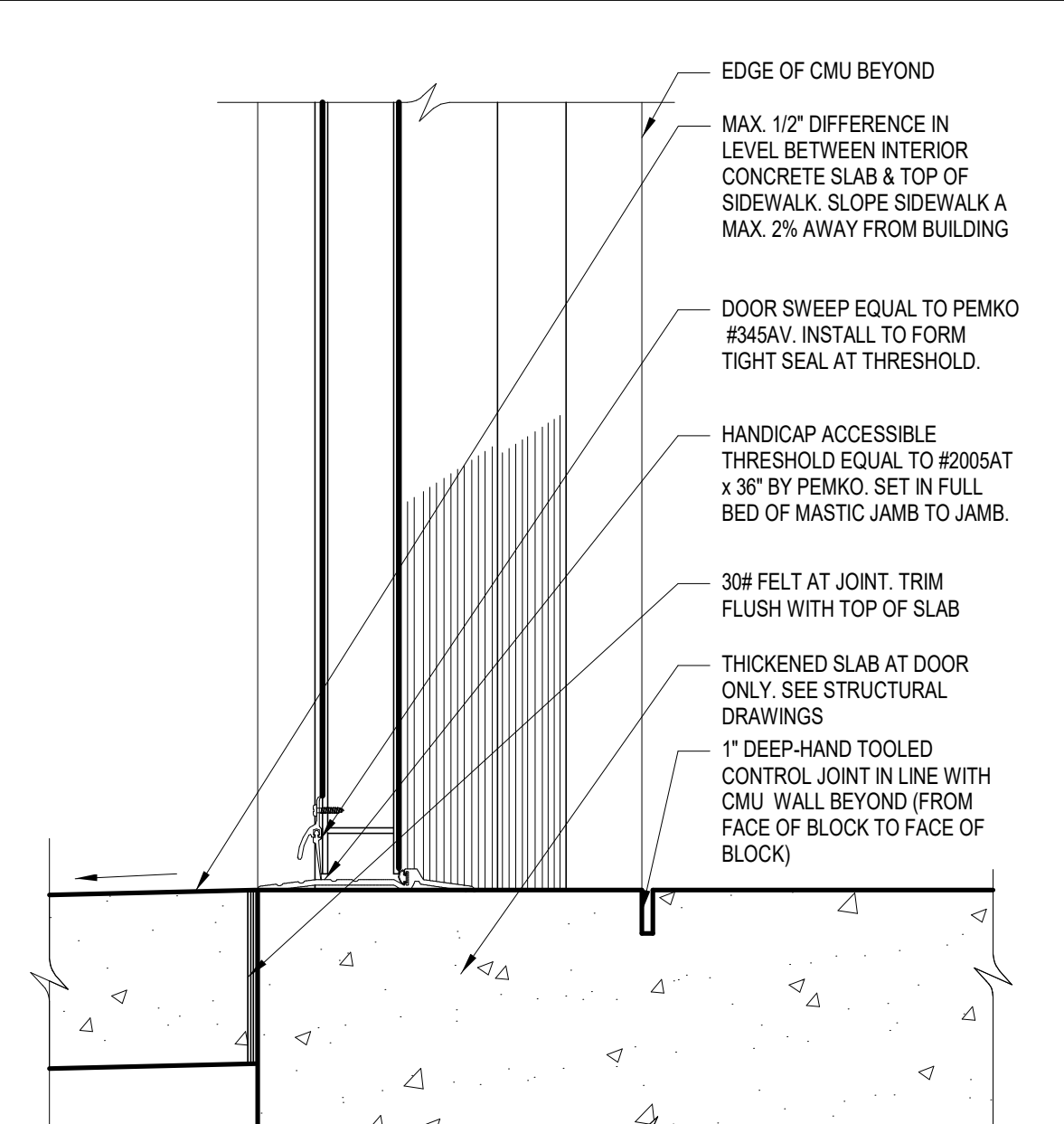
12 NOT USED
3" = 1'-0"



13 8-005
STOREFRONT SILL / FLASHING
3" = 1'-0"



14 8-003
THRESHOLD @ ALUM. DOOR
3" = 1'-0"



15 8-015
THRESHOLD DETAIL
3" = 1'-0"

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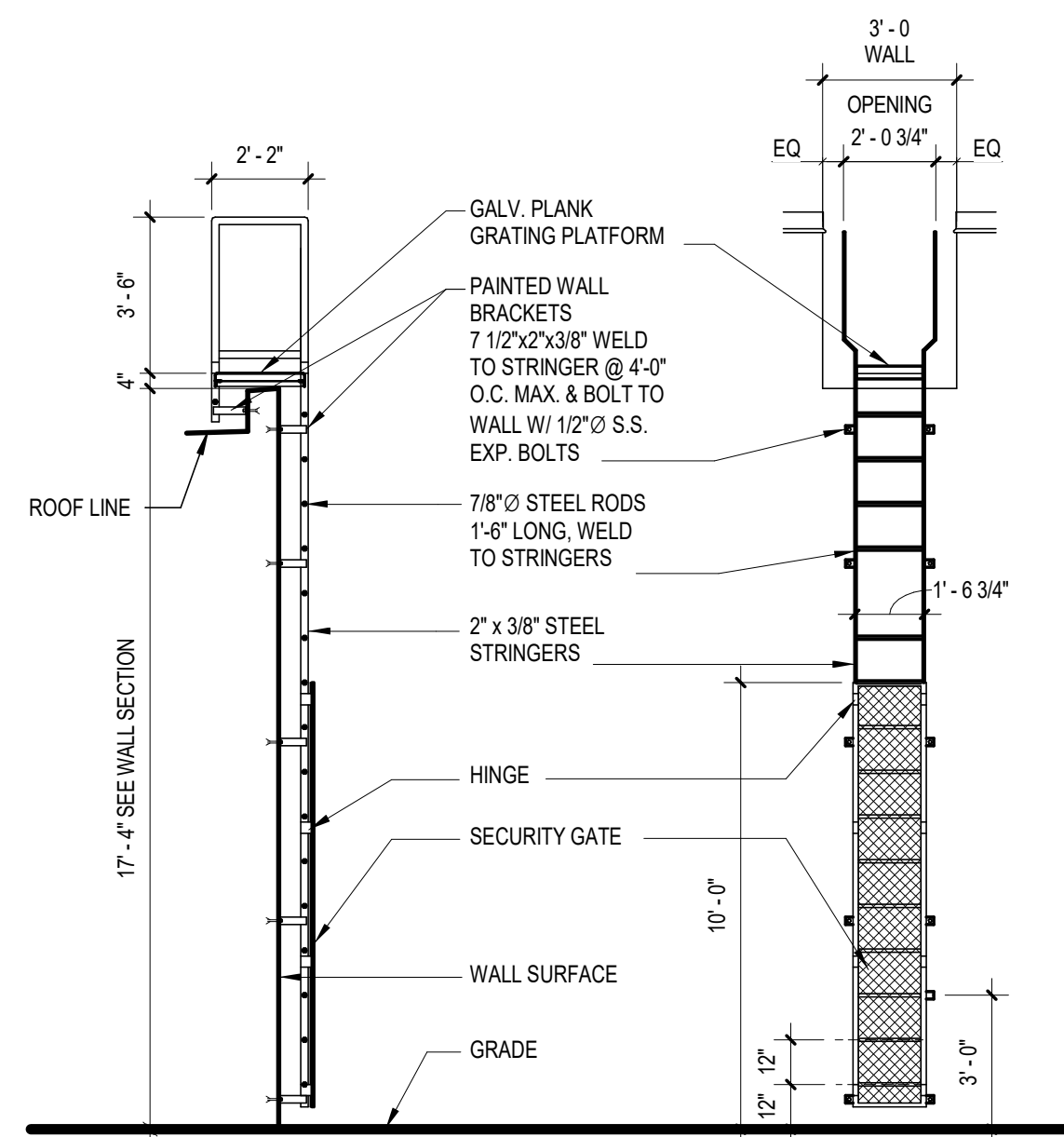
SHELL CONSTRUCTION DETAILS
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	CONSTR.	

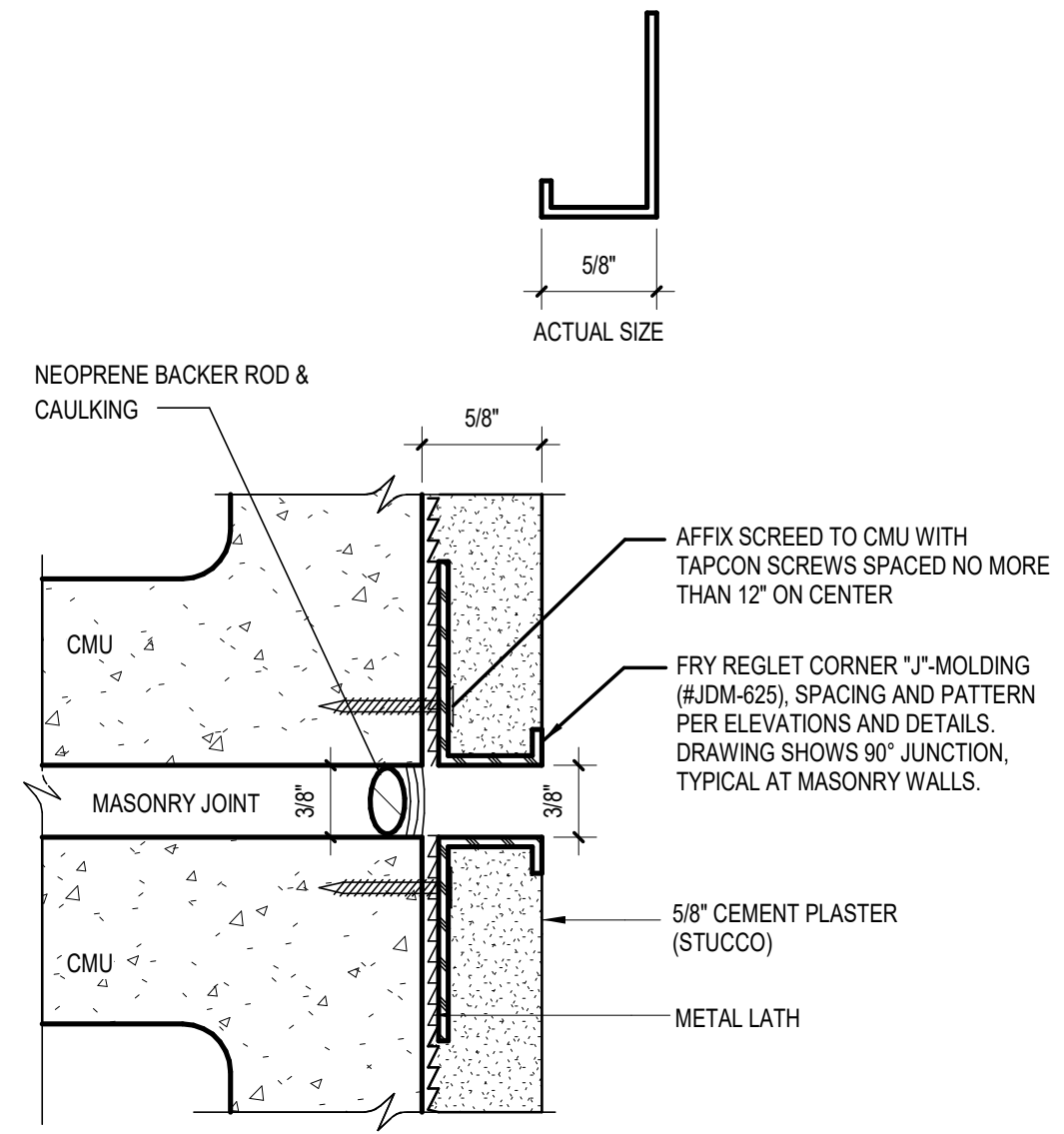
REVISIONS:	
REV-CMNT	12.08.23

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ARCHITECT 0010829

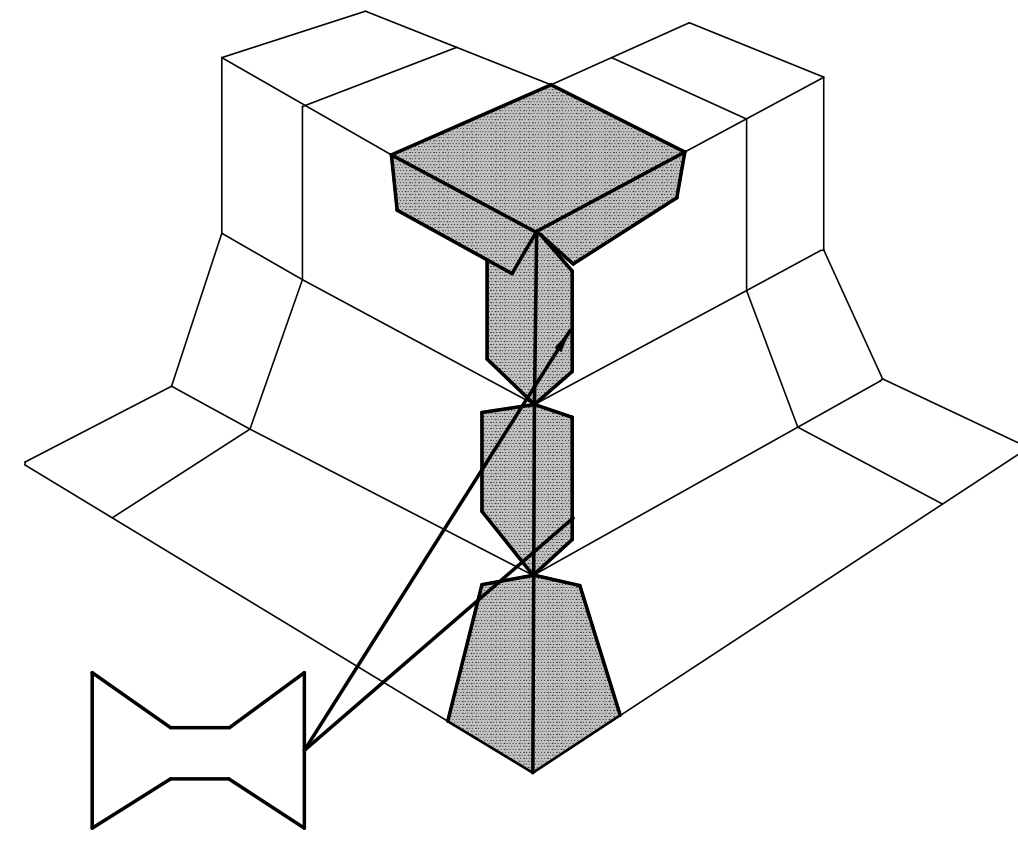
A501
Project Date: 1/31/23
Project No.: 223001



5-019
ELEV. OF STEEL LADDER
1/4" = 1'-0"



9-005F
"J" MOLDING SCREED
12" = 1'-0"

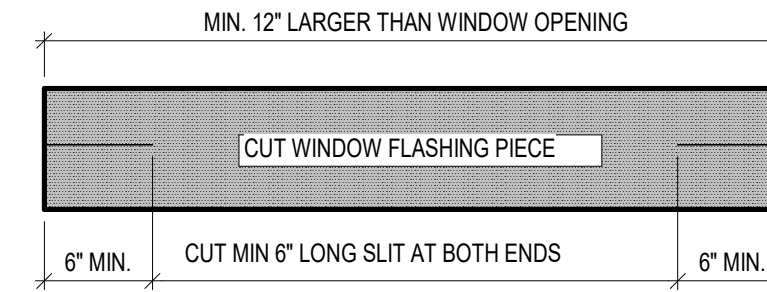


INSTALL OVER FLASHING PLYS AT TOP AND BOTTOM OF CANT.
THIS MODIFIED MINERAL SURFACE "WRAP" MAY BE INSTALLED WITH ASPHALT OR COLD APPLIED CEMENT.

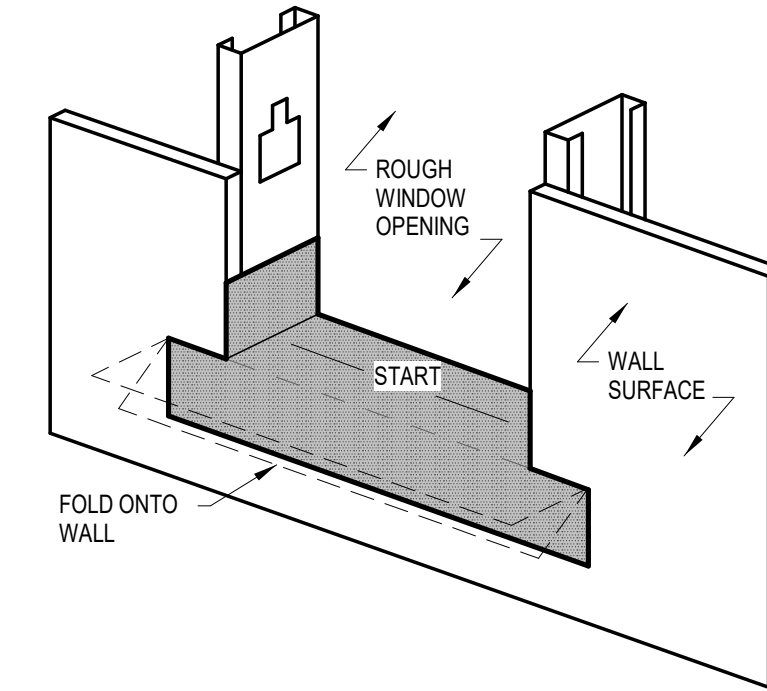
7-012
OUTSIDE CORNER WRAP
1 1/2" = 1'-0"

STEP 1 - PRIME AREA TO RECEIVE WINDOW FLASHING
APPLY AN ACCEPTABLE MANUFACTURER PRIMER TO ALL AREAS OF THE WINDOW FRAME AND WALL SURFACE THAT WILL RECEIVE WINDOW FLASHING PER MANUFACTURER'S REQUIREMENTS. FOR CONDITIONS WHERE THE WINDOW FLASHING WILL BE APPLIED INTO UNCURED (WET) FLUID APPLIED AIR BARRIERS. PRIMER IS NOT REQUIRED.

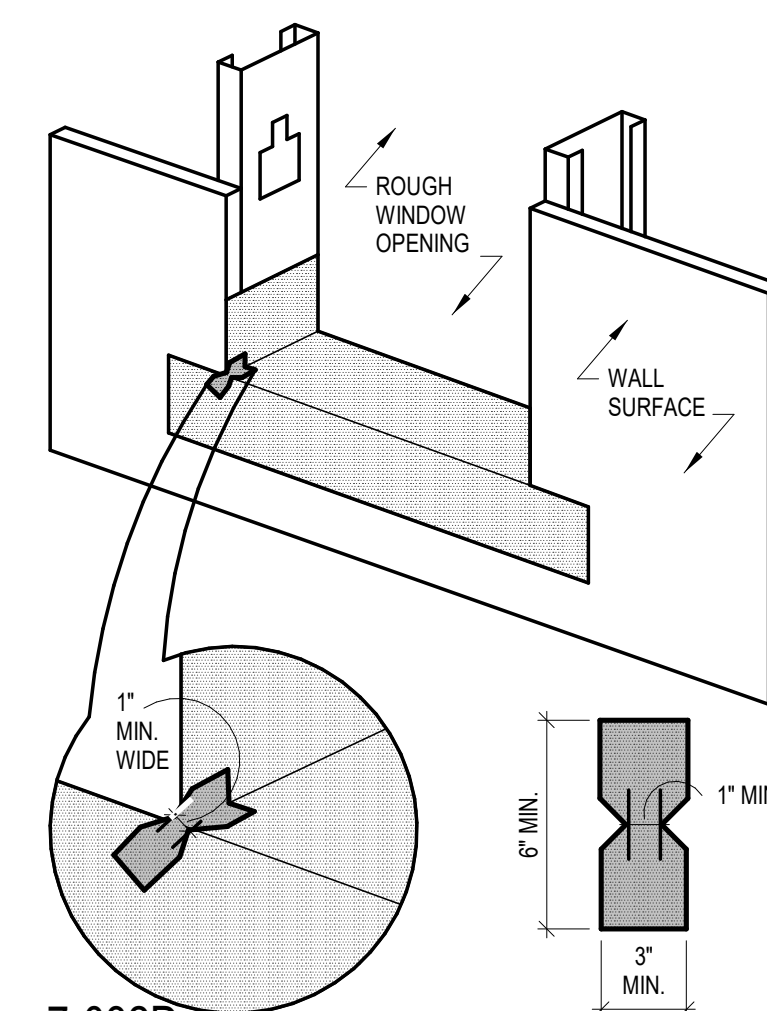
STEP 2 - CUTTING THE FLASHING



STEP 3 - INSTALLING THE SILL FLASHING
INSTALLING THE FLASHING INTO THE WINDOW FRAME FIRST AND THEN OVERLAPPING ONTO WALL SURFACE FACILITATES INSTALLATION FOR ALL CONDITIONS EXCEPT FOR INSTALLATION OF FLASHING INTO UNCURED (WET) FLUID APPLIED AIR BARRIERS.

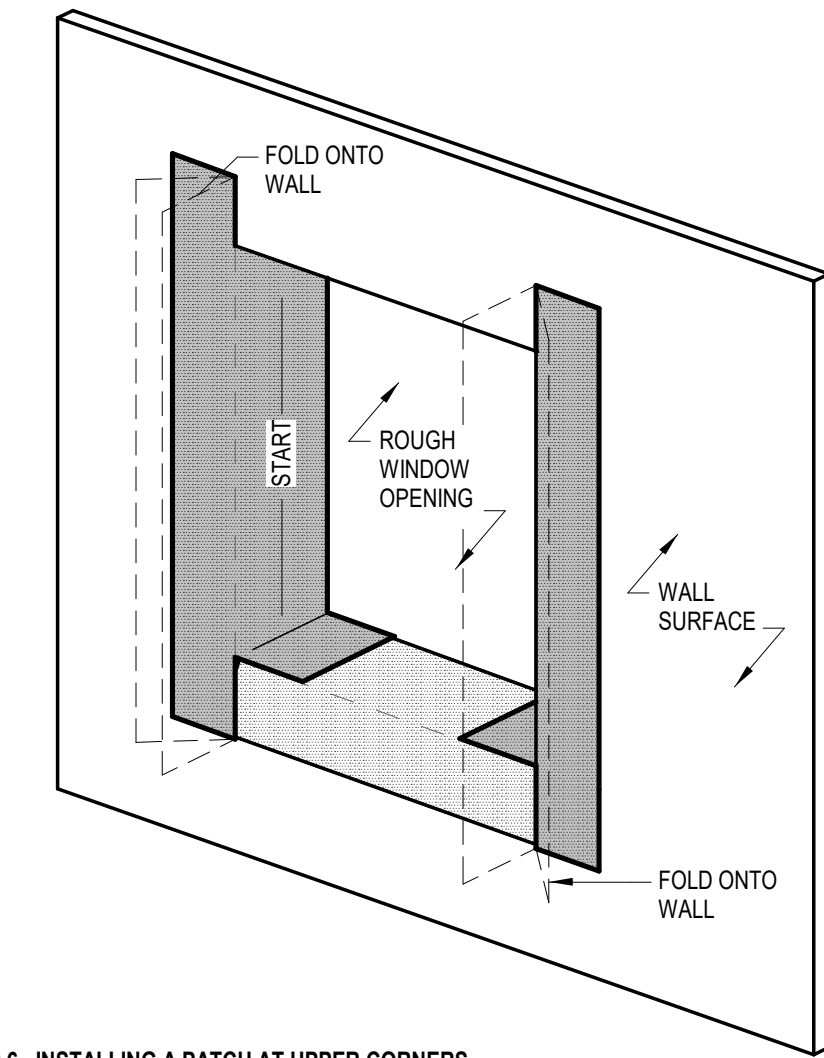


STEP 4 - INSTALLING A PATCH AT LOWER CORNERS
CUT MIN. 6" LONG BY 3" WIDE DOG BONE SHAPED PATCHES OF FLASHING (MIN. 1" WIDE AT CENTER) AND INSTALL OVER BOTH BOTTOM CORNERS OF THE SILL FLASHING. PRESS THE PATCH INTO THE CORNER TO CREATE A TIGHT SEAL AND PREVENT THE PATCH FROM BRIDGING AT ALL 90 DEGREE SUBSTRATE ANGLE CHANGES.

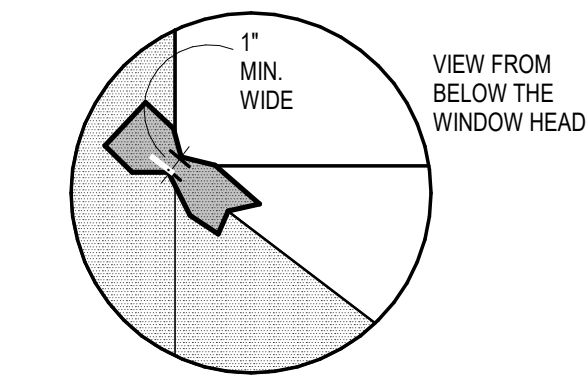


7-032D
COPING DETAIL
12" = 1'-0"

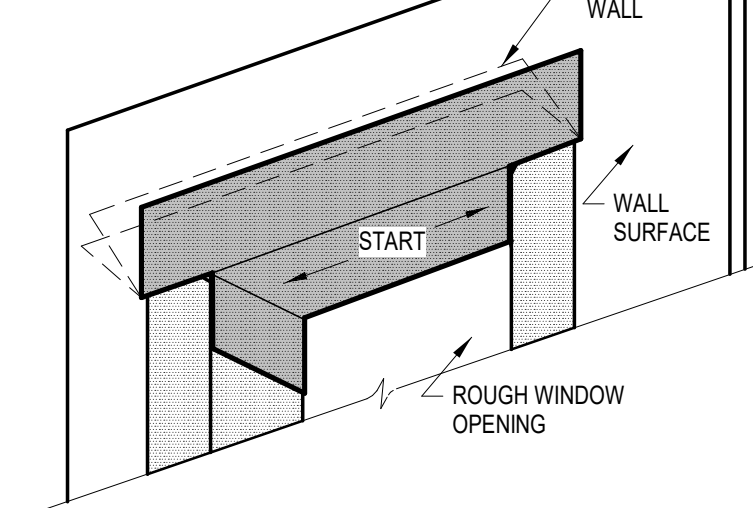
STEP 5 - INSTALLING JAMB FLASHING



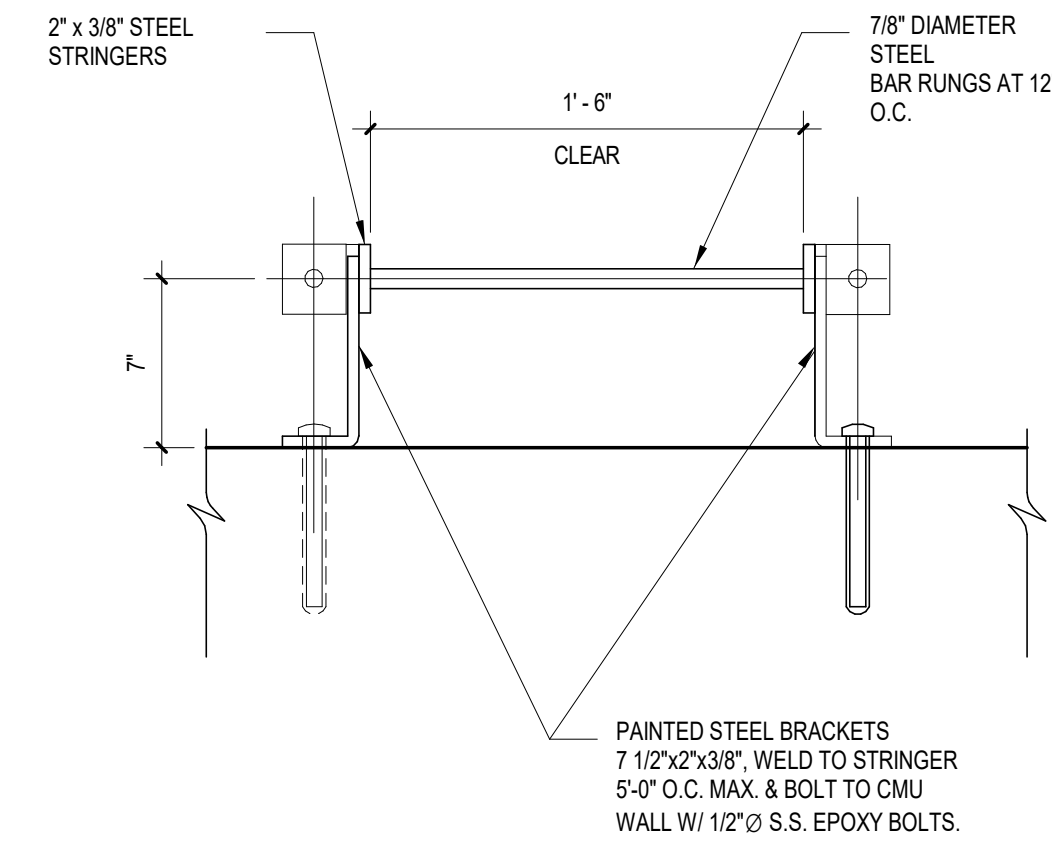
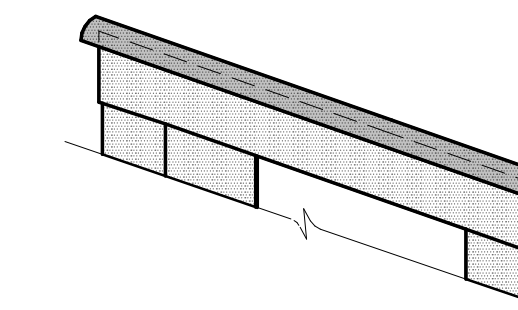
STEP 6 - INSTALLING A PATCH AT UPPER CORNERS
CUT MIN. 6" LONG BY 3" WIDE DOG BONE SHAPED PATCHES OF FLASHING (MIN. 1" WIDE AT CENTER) AND INSTALL OVER BOTH TOP CORNERS OF THE JAMB FLASHING. PRESS THE PATCH INTO THE CORNER TO CREATE A TIGHT SEAL AND PREVENT THE PATCH FROM BRIDGING AT ALL 90 DEGREE SUBSTRATE ANGLE CHANGES.



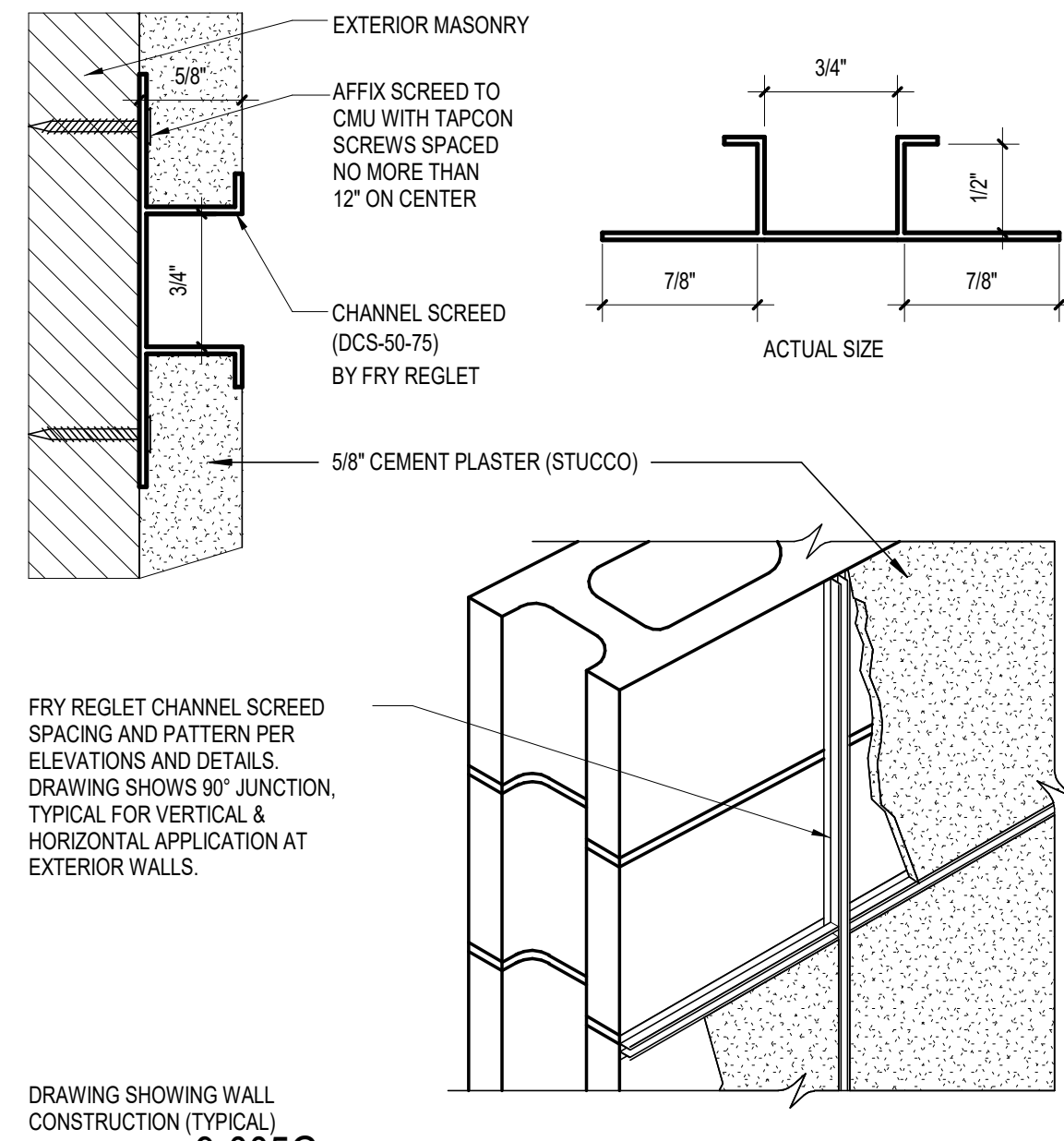
STEP 7 - INSTALLING HEAD FLASHING



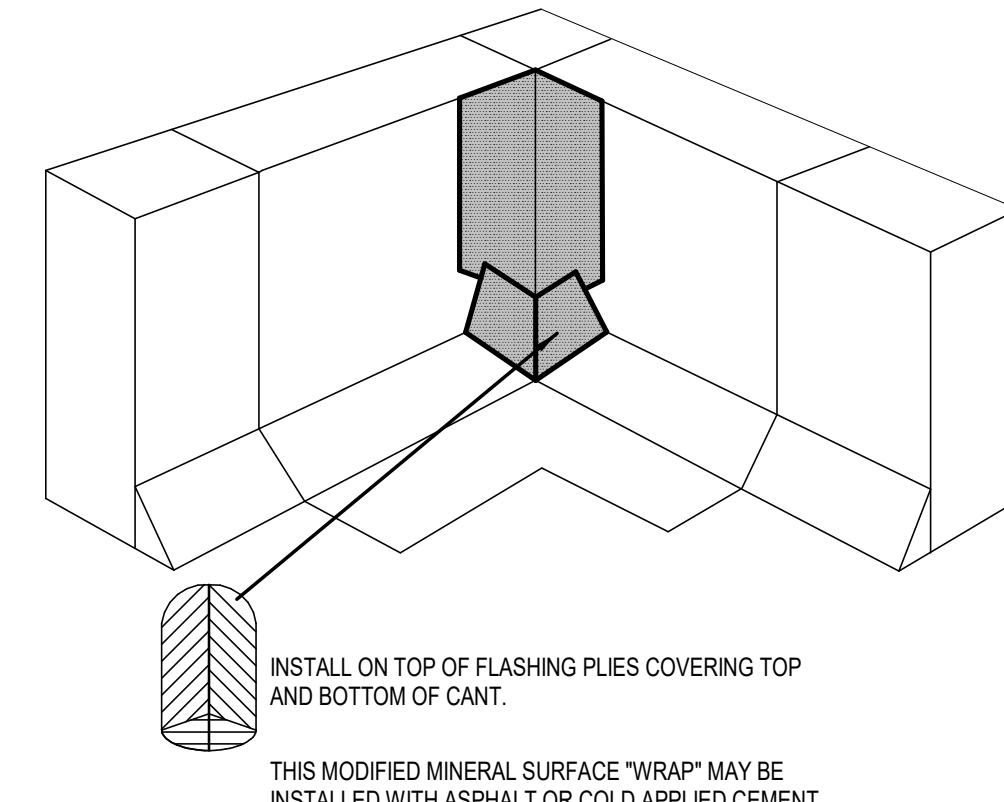
STEP 8 - TERMINATE TOP OF HEAD FLASHING
USE BITUTHENE LIQUID MEMBRANE OVERLAPPING MIN. 12" ONTO WALL AND FLASHING. BITUTHENE MASTIC MAY BE USED WITH WALL MEMBRANE.



5-021C
ROOF ACCESS LADDER DETAIL
1 1/2" = 1'-0"



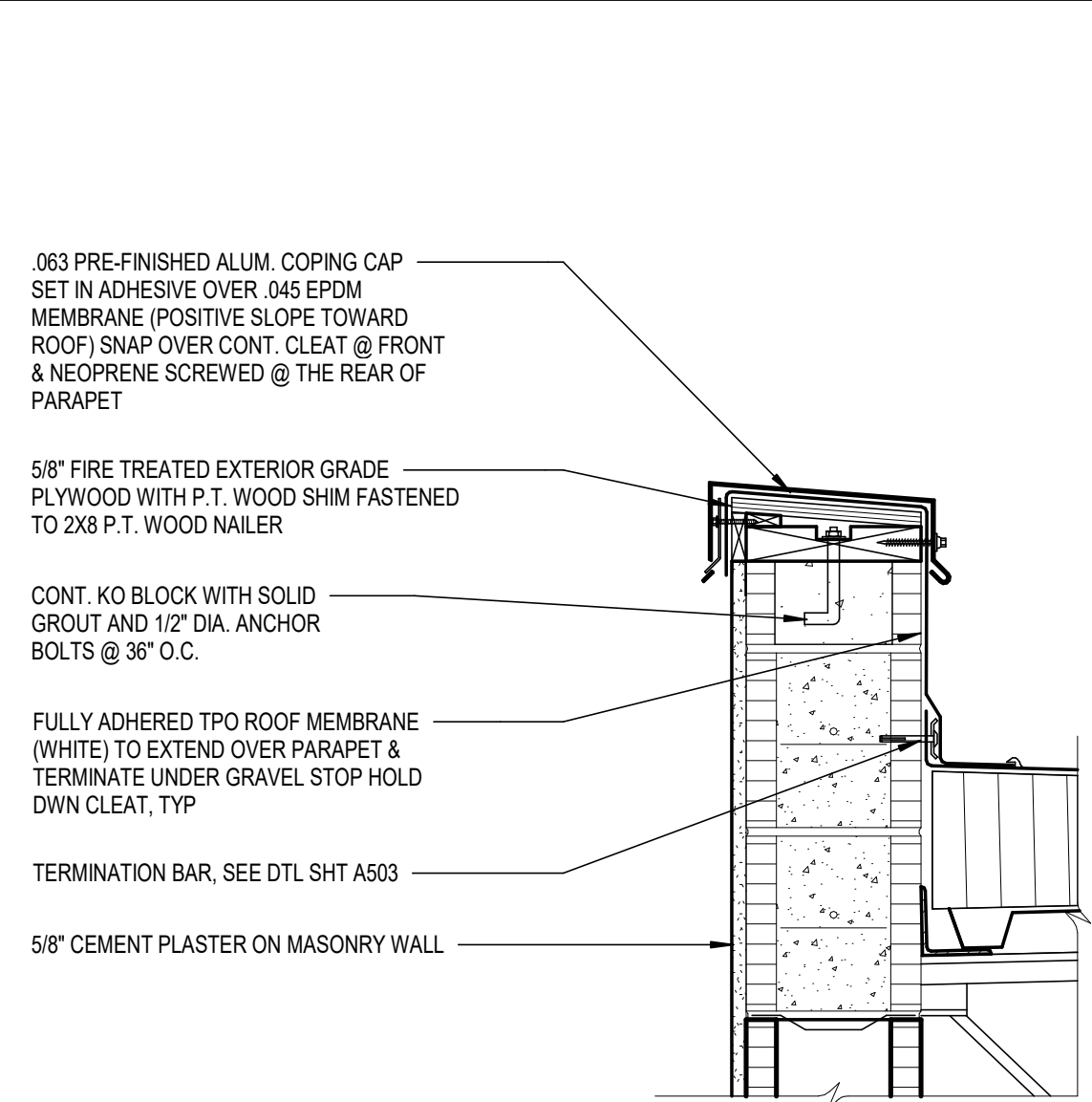
9-005G
CHANNEL SCREED DETAIL
12" = 1'-0"



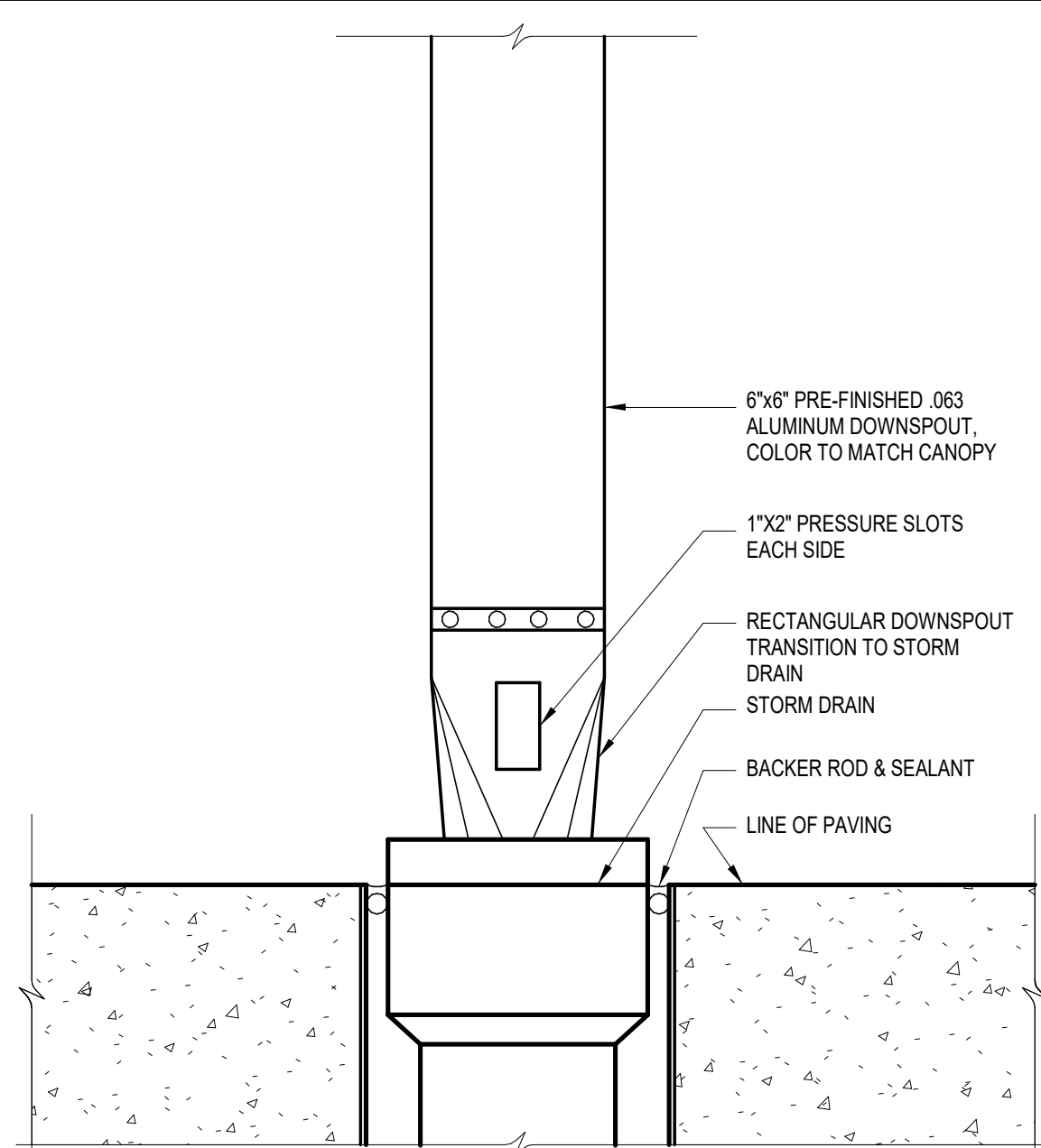
INSTALL ON TOP OF FLASHING PLYS COVERING TOP AND BOTTOM OF CANT.
THIS MODIFIED MINERAL SURFACE "WRAP" MAY BE INSTALLED WITH ASPHALT OR COLD APPLIED CEMENT.

7-013
INSIDE CORNER WRAP
1 1/2" = 1'-0"

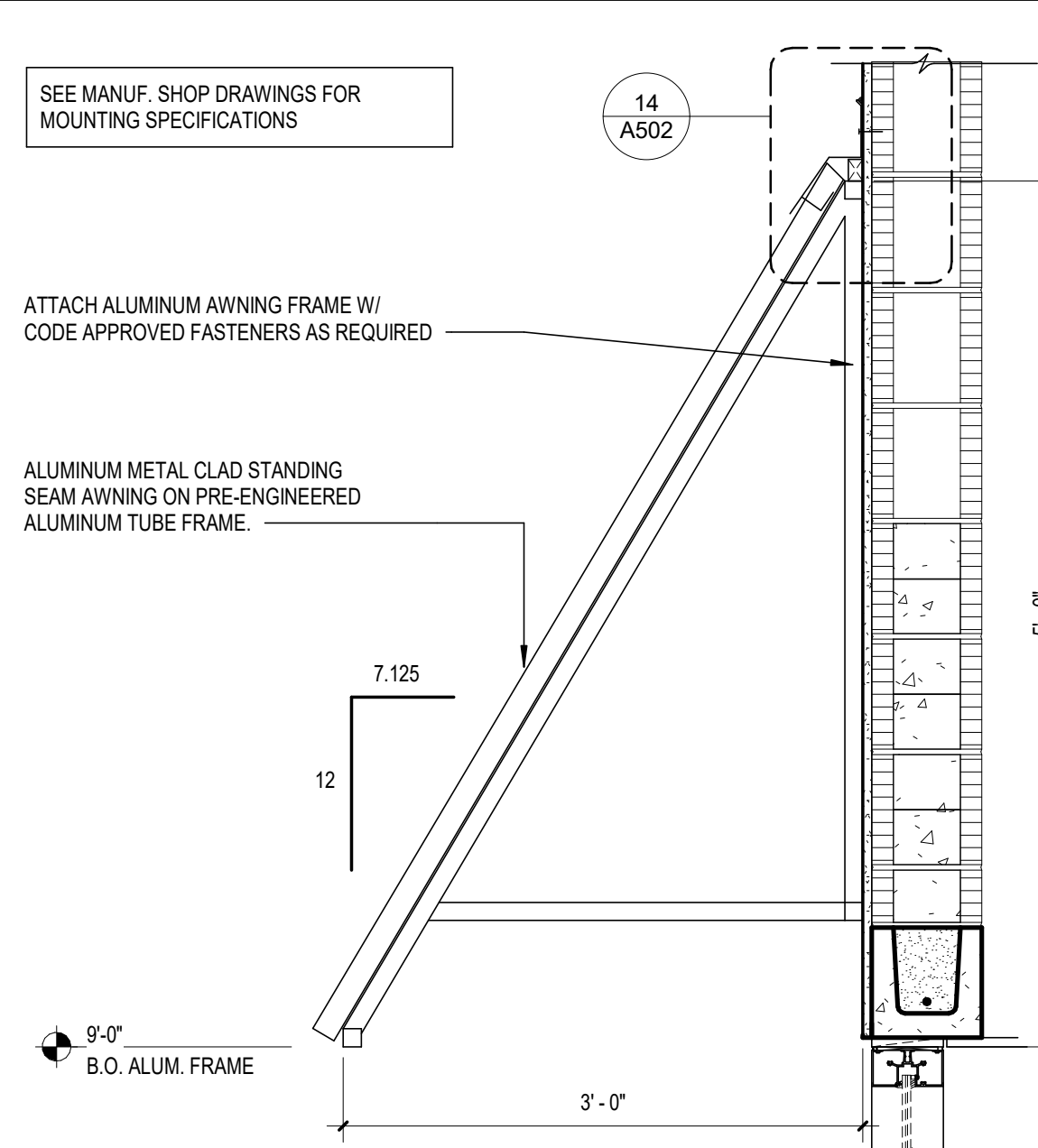
7-032D
COPING DETAIL
12" = 1'-0"



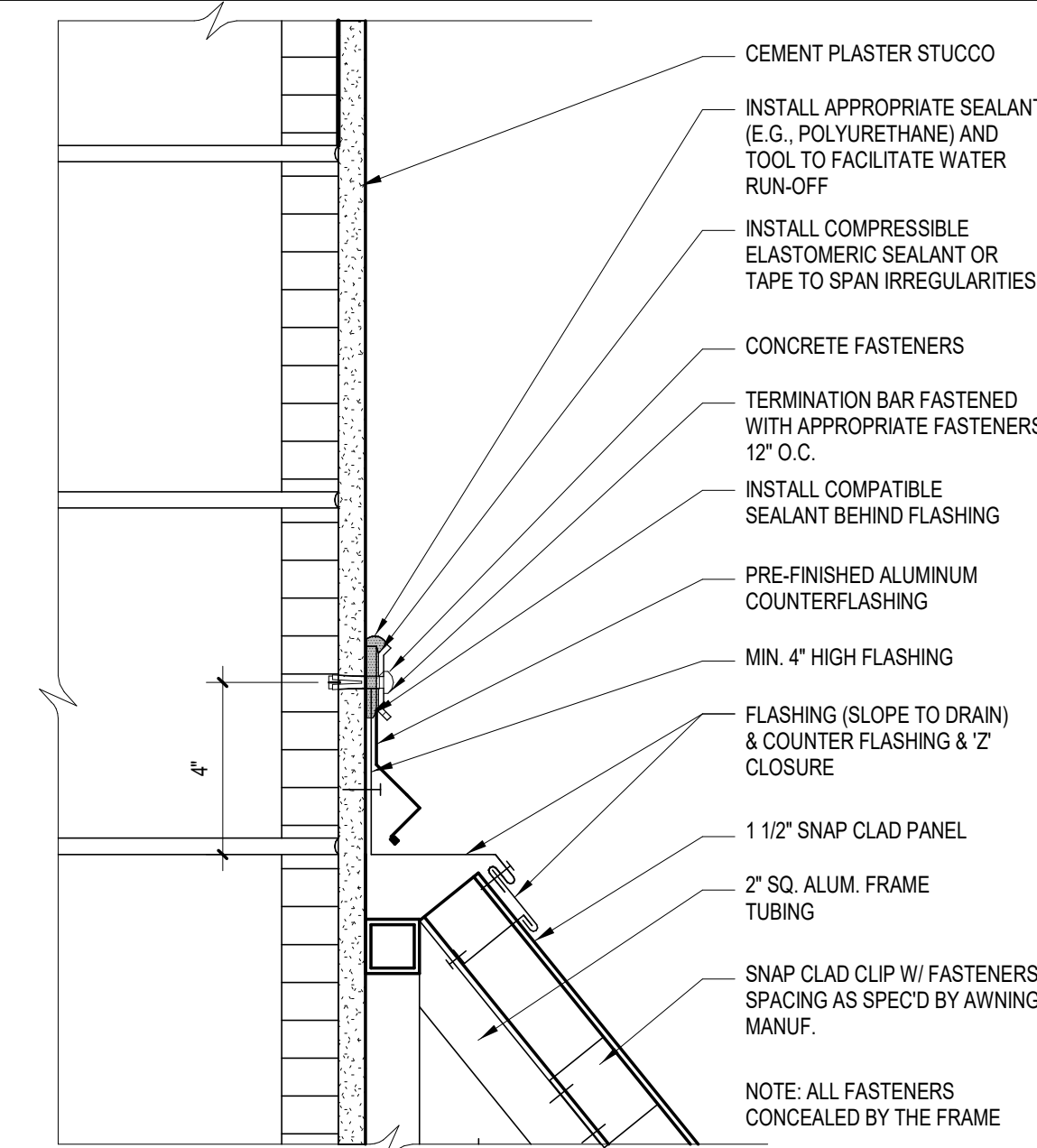
7-032H
COPING DETAIL @ LADDER
1 1/2" = 1'-0"



5-029A
DOWNSPOUT TO STORM DRAIN
3" = 1'-0"



5-029
ALUMINUM AWNING DETAIL
1" = 1'-0"



5-025C
AWNING FLASHING DETAIL
3" = 1'-0"

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TO THE BEST OF MY KNOWLEDGE, THE SPECIFICATIONS AND PLANS SHOWN HEREIN COMPLY WITH THE APPLICABLE MINIMUM BUILDING CODES IN EFFECT AT THIS TIME.

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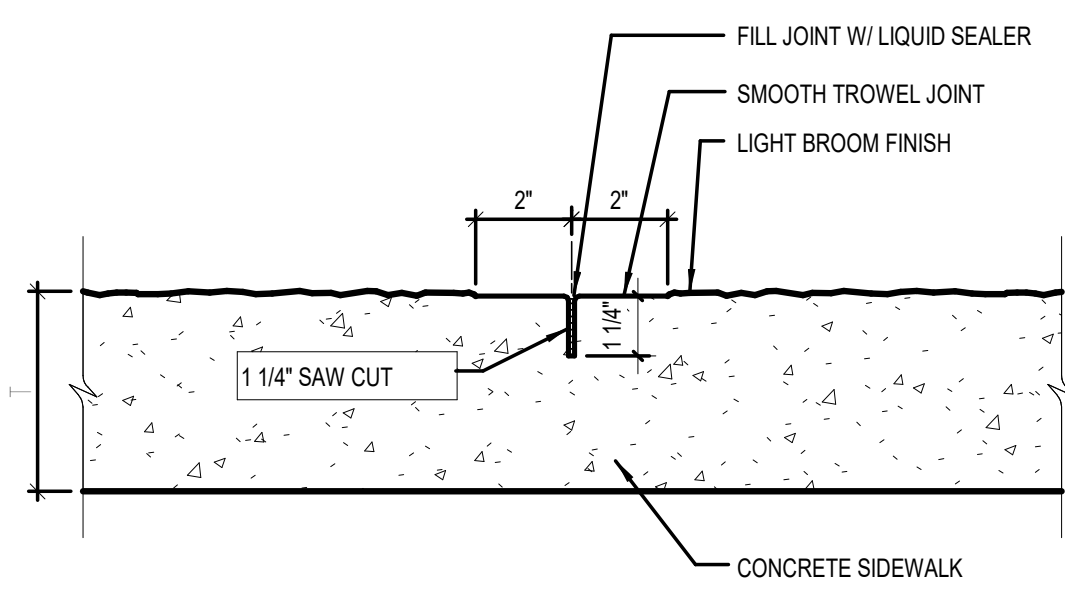
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NO.	DATE	DESCRIPTION

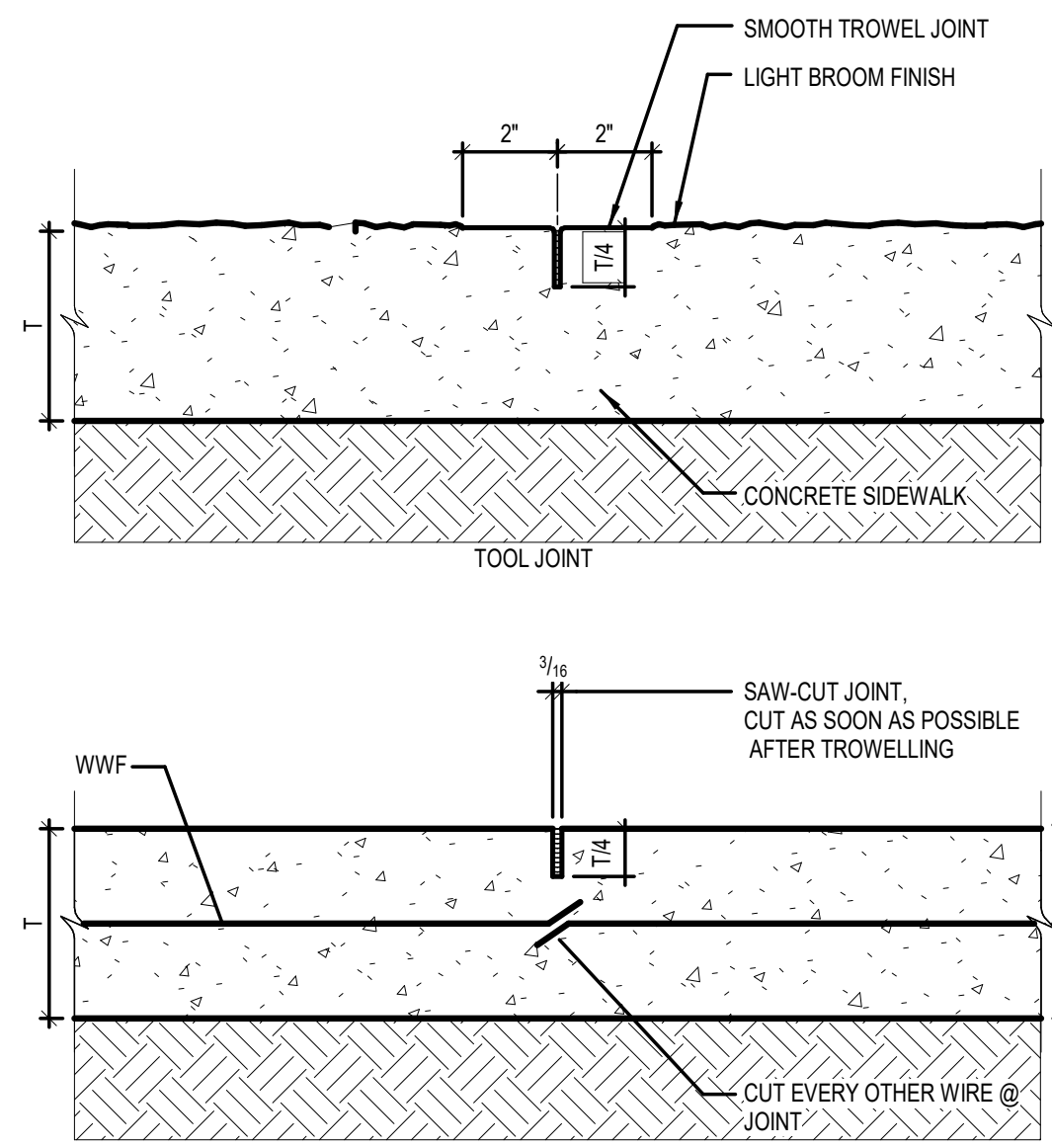
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ARCHITECT 0010829

A502

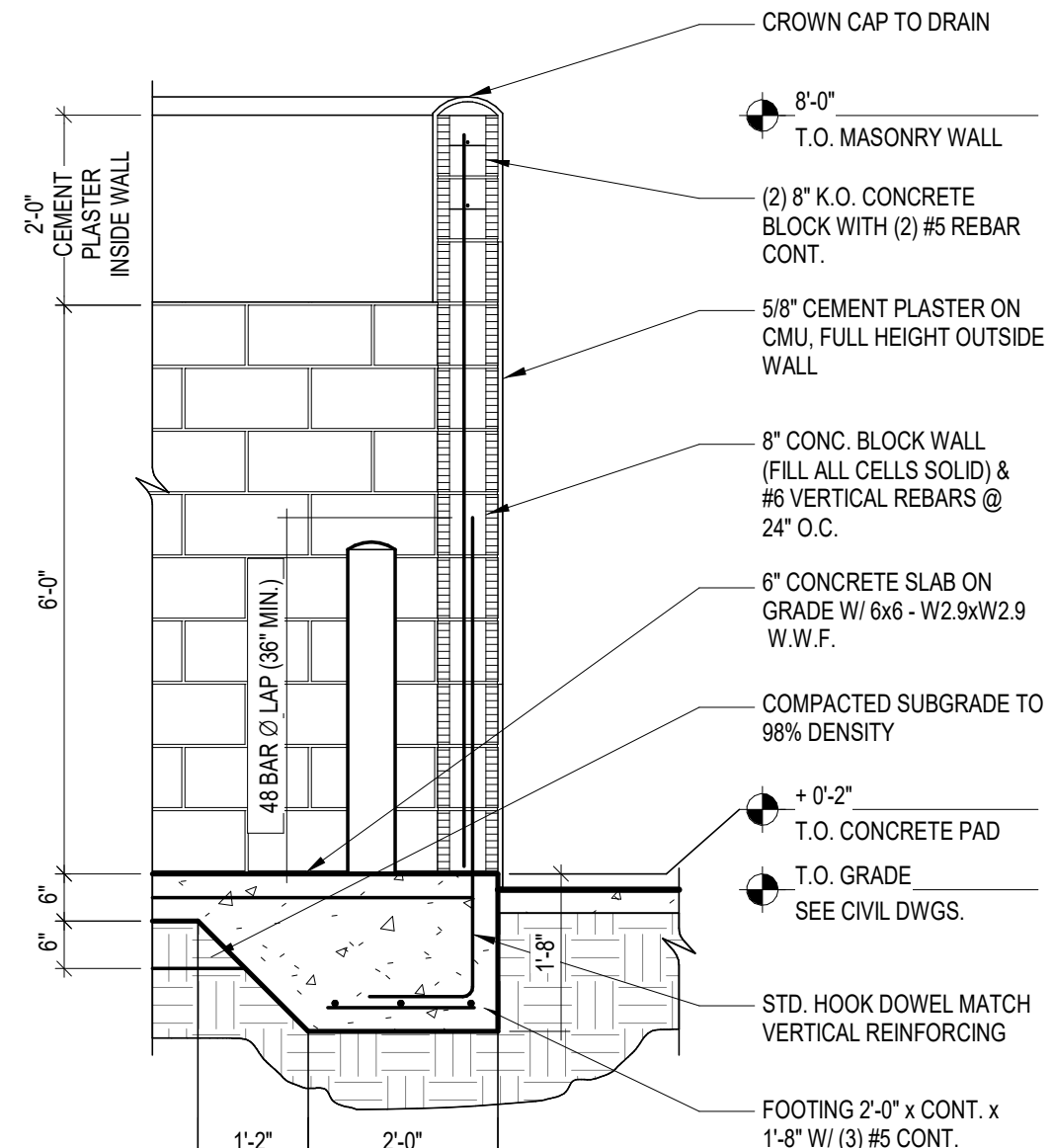
Project Date: 1/31/23
Project No.: 223001



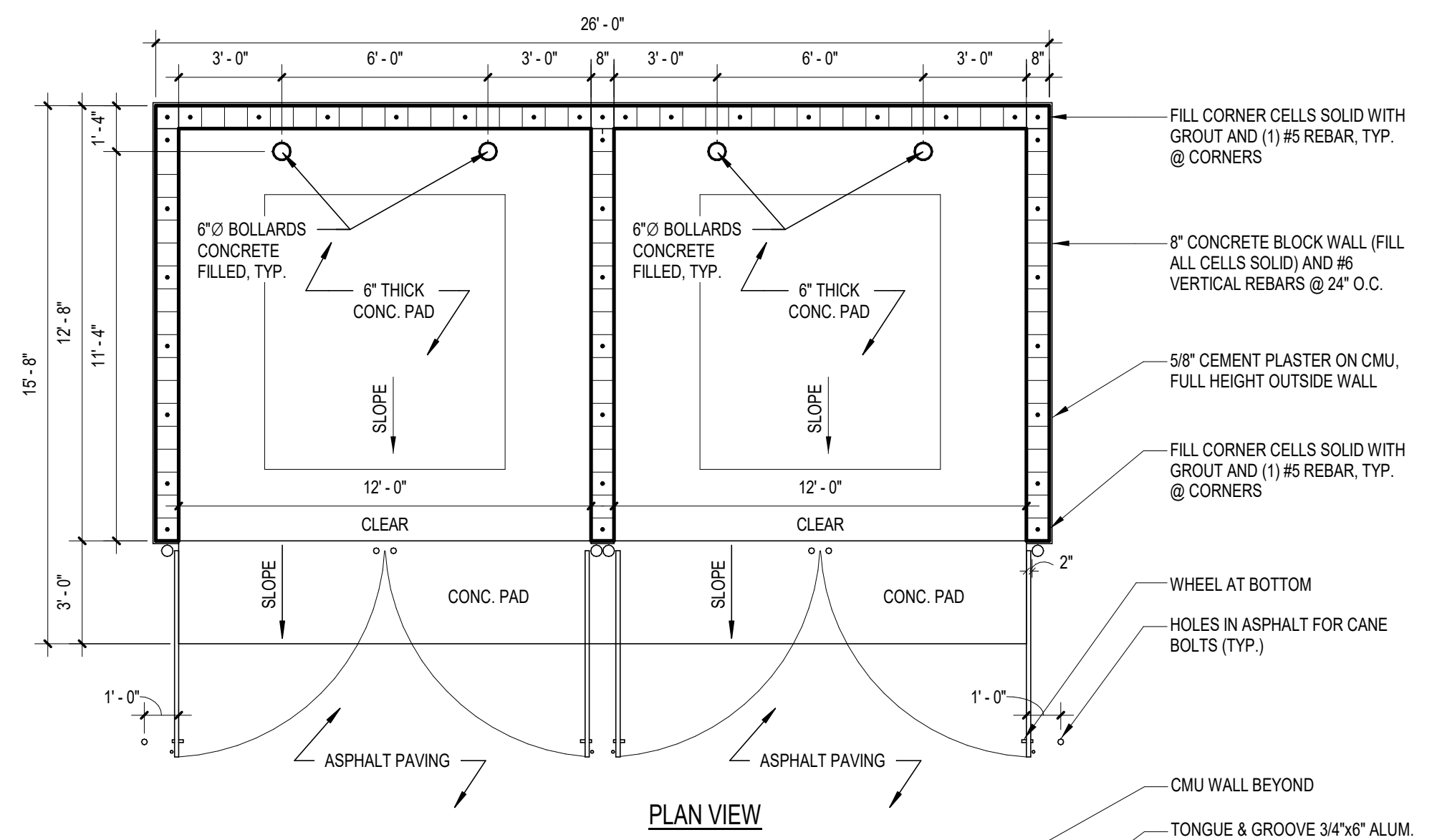
3-005
TOOL & SAW CUT JOINT DETAIL
3" = 1'-0"



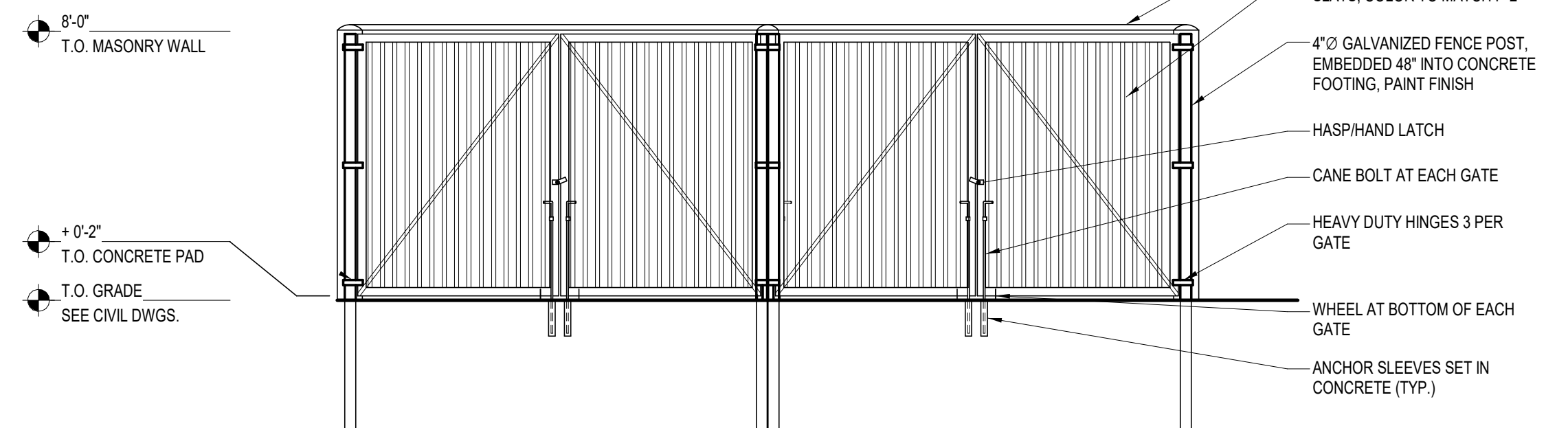
3-005A
JOINT DETAILS
3" = 1'-0"



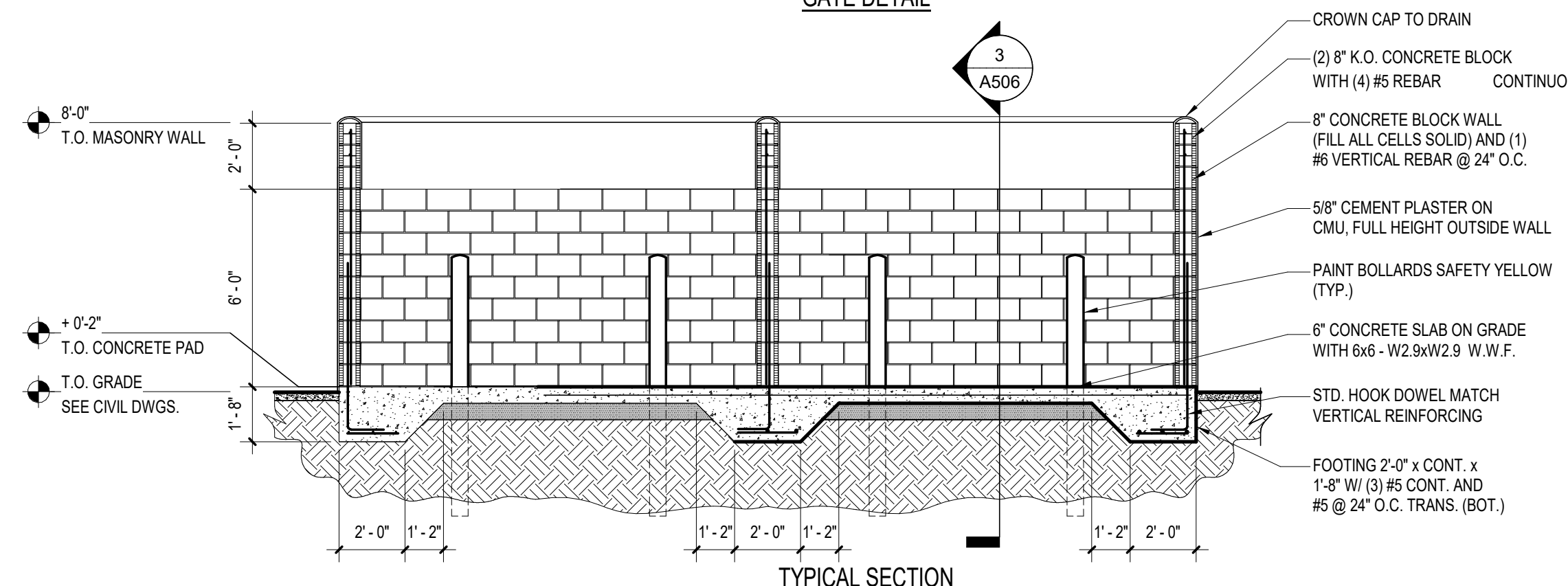
2-001D
DUMPSTER WALL SECTION
1/2" = 1'-0"



PLAN VIEW

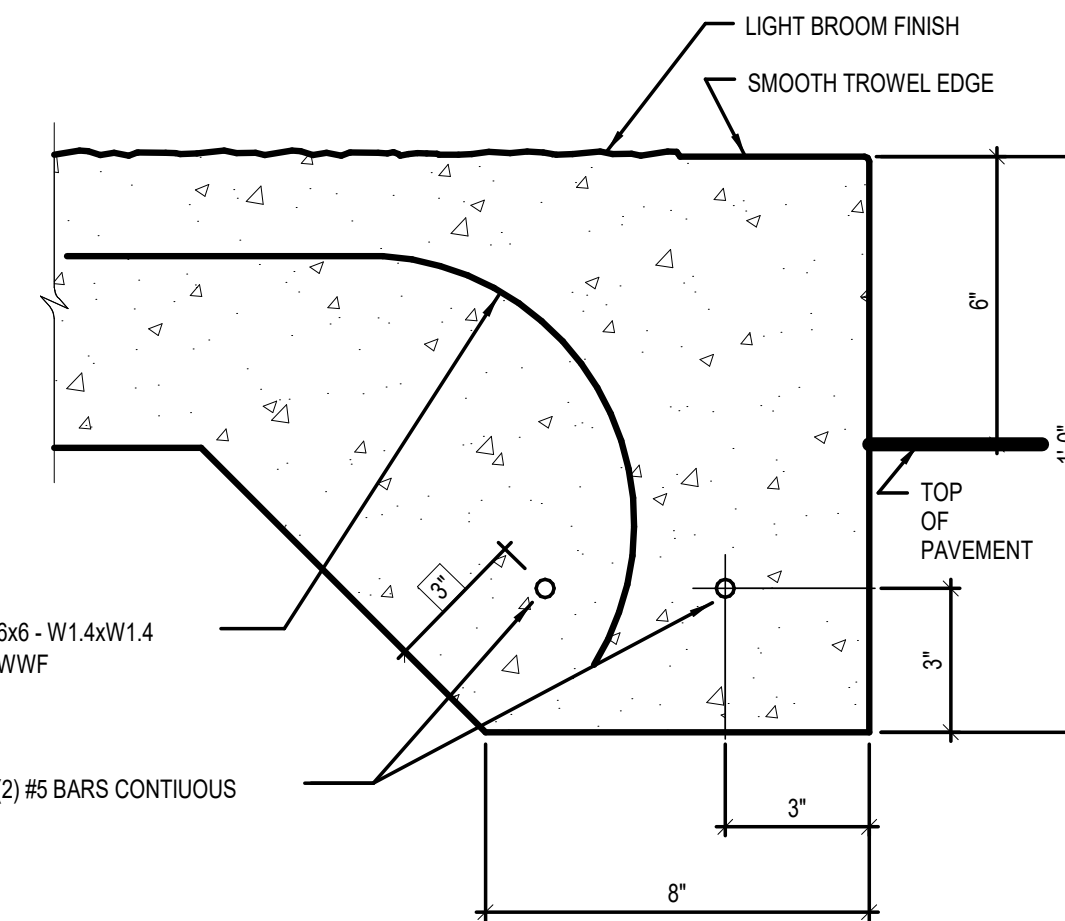


GATE DETAIL

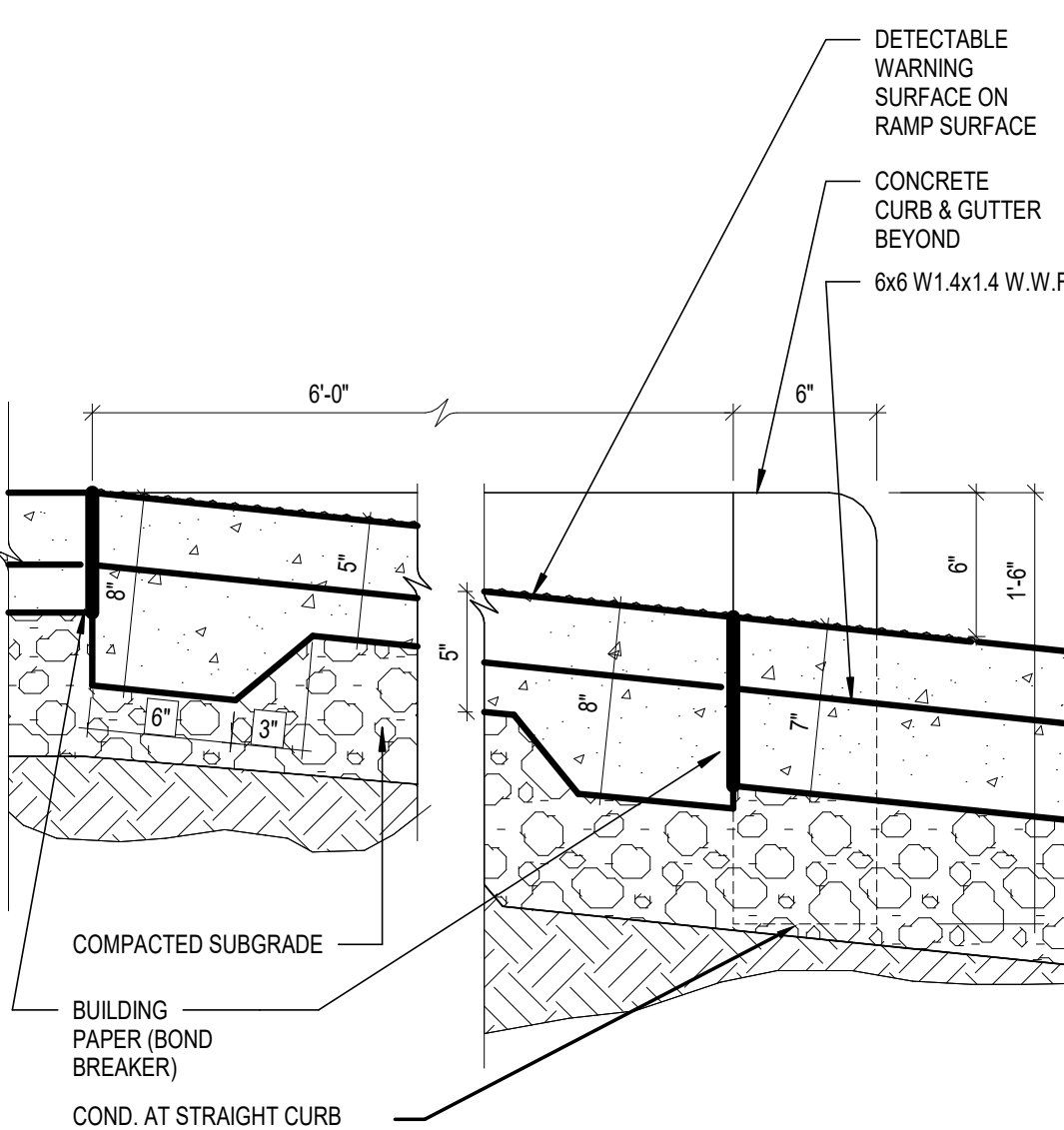


TYPICAL SECTION

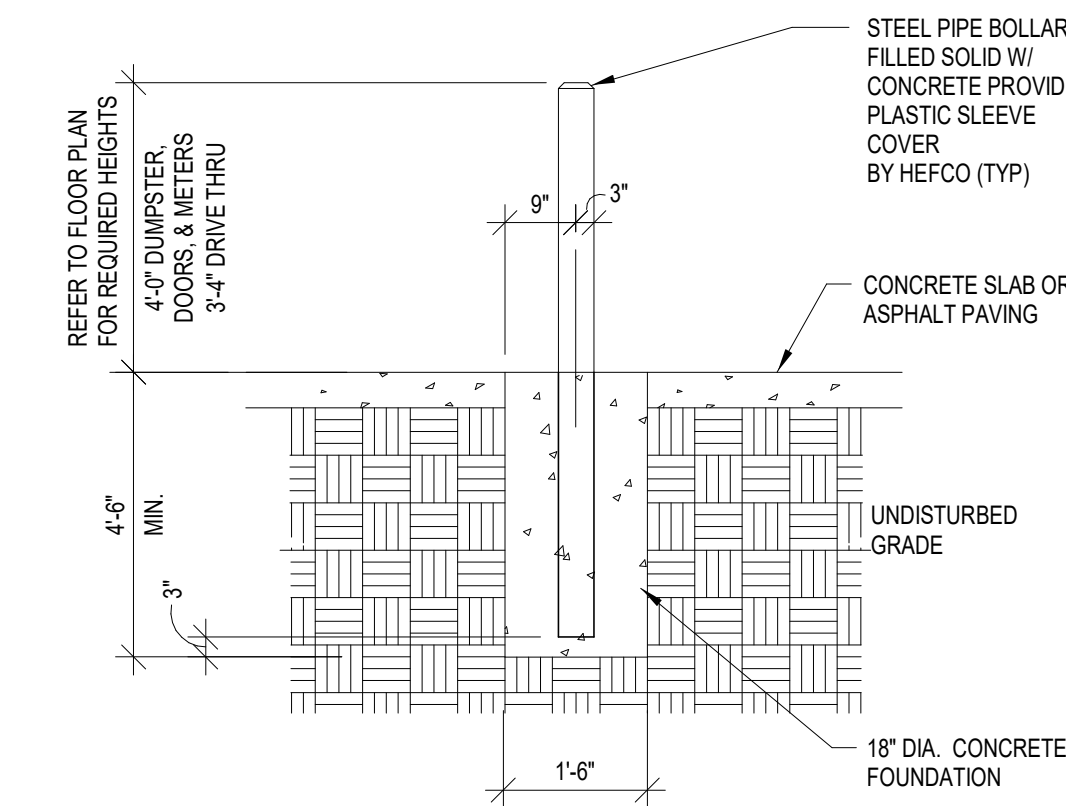
2-001A
DUMPSTER DETAILS
1/4" = 1'-0"



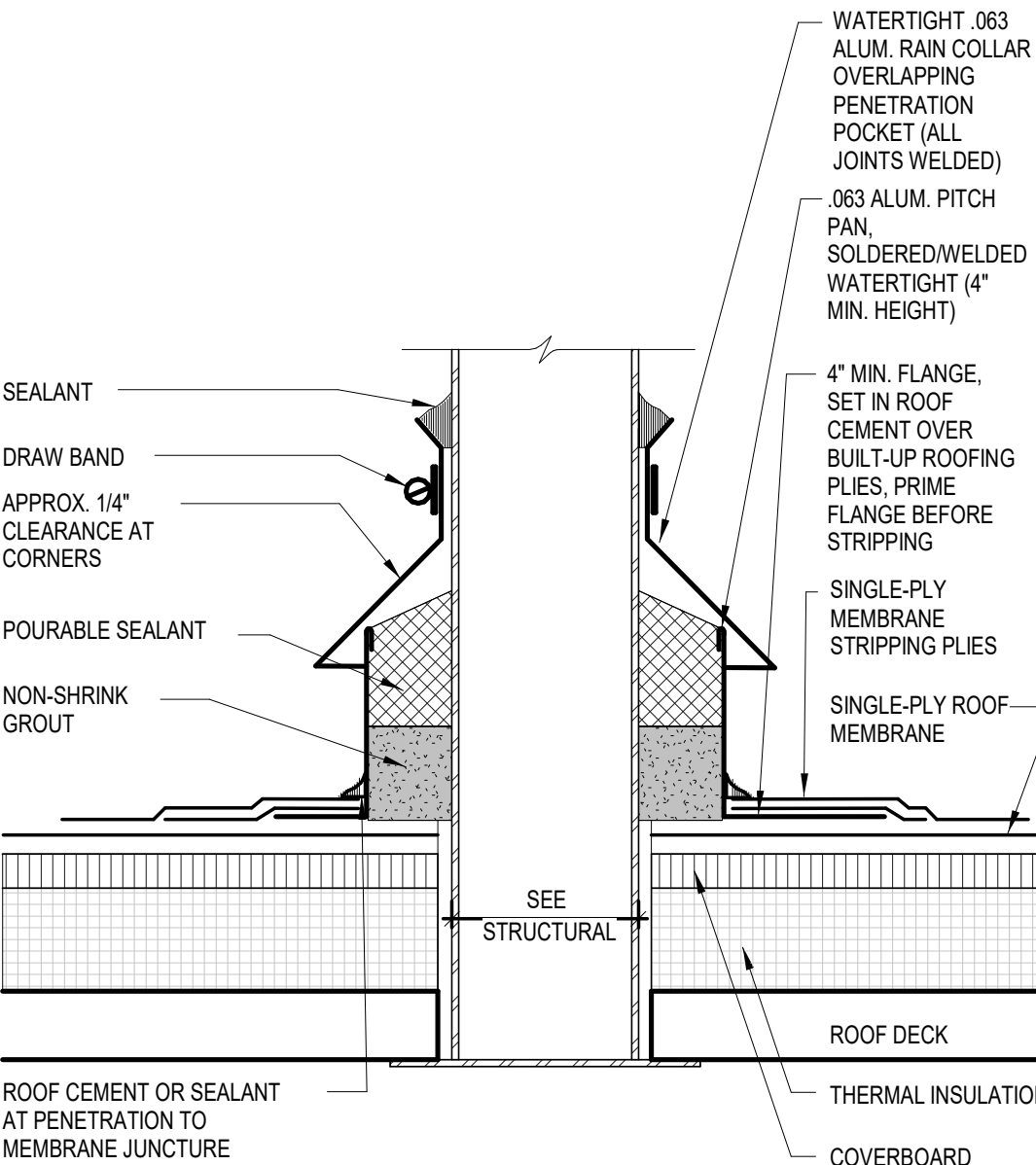
3-009
CONCRETE WALK EDGE DETAIL
3" = 1'-0"



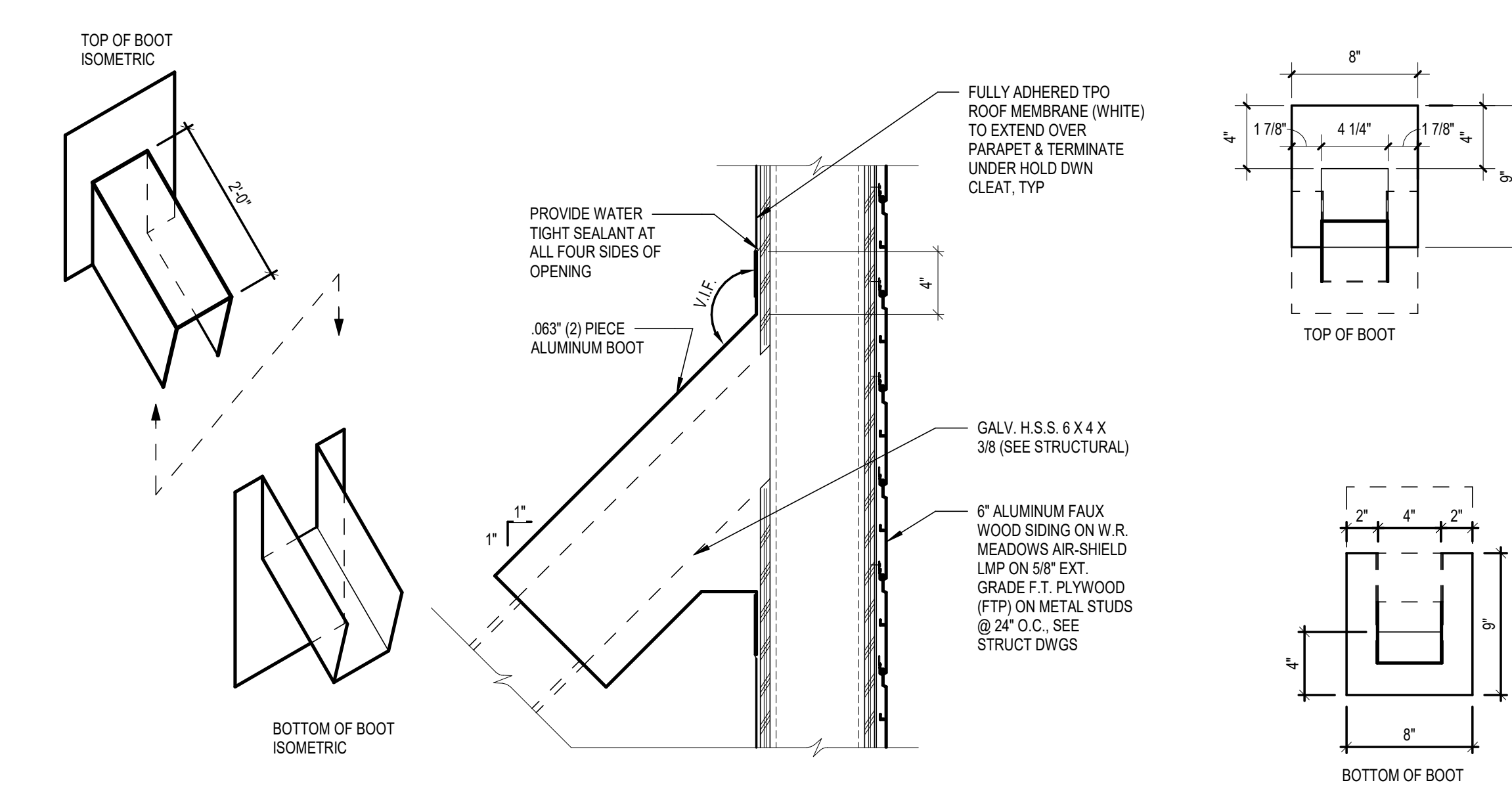
3-006A
SECTION @ CURB RAMP
1 1/2" = 1'-0"



3-003
SECTION @ BOLLARD
1/2" = 1'-0"



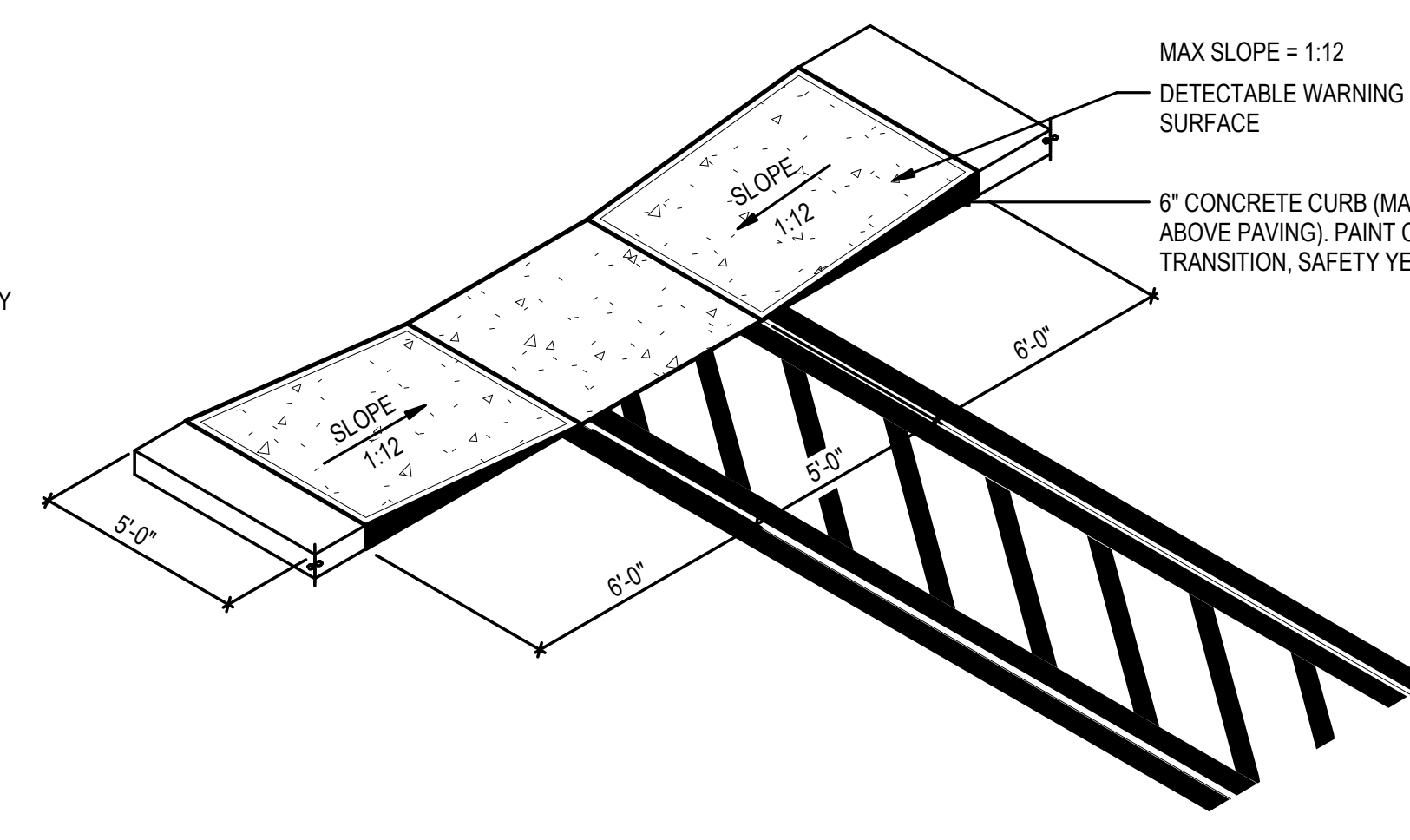
7-017A
PENETRATION POCKET
3" = 1'-0"



7-018A
(2) PIECE ALUMINUM BOOT DETAIL
1 1/2" = 1'-0"

GENERAL NOTES

- MAXIMUM RAMP SLOPE OF 1:12 PER SECTION 405.2 OF THE FLA. ACCESSIBILITY CODE.
- MAXIMUM FLARED SIDE SLOPE OF 1:12 PER SECTION 406.4 OF THE FLA. ACCESSIBILITY CODE.
- MAXIMUM CURB HEIGHT OF 6" PER SECTION 405.8 OF THE FLA. ACCESSIBILITY CODE. IF A RAMP RUN HAS A RISE GREATER THAN 6" OR A HORIZONTAL PROJECTION GREATER THAN 72", THEN THE RAMP SHALL BE REQUIRED TO HAVE HANDRAILS ON BOTH SIDES.
- DETECTABLE WARNING SURFACE SHALL BE EXPOSED "WASHED" AGGREGATE (CHAT ROCK #66 STONE OR RIVER ROCK) CONCRETE PER SECTION 4.29.2 (1) OF THE FLA. ACCESSIBILITY CODE. BROADCAST STONE ON TOP SURFACE TO ASSURE EVEN SURFACE LAYER.



3-002A
TYPICAL SIDEWALK RAMP DTL.
1/4" = 1'-0"

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EXTERIOR DETAILS
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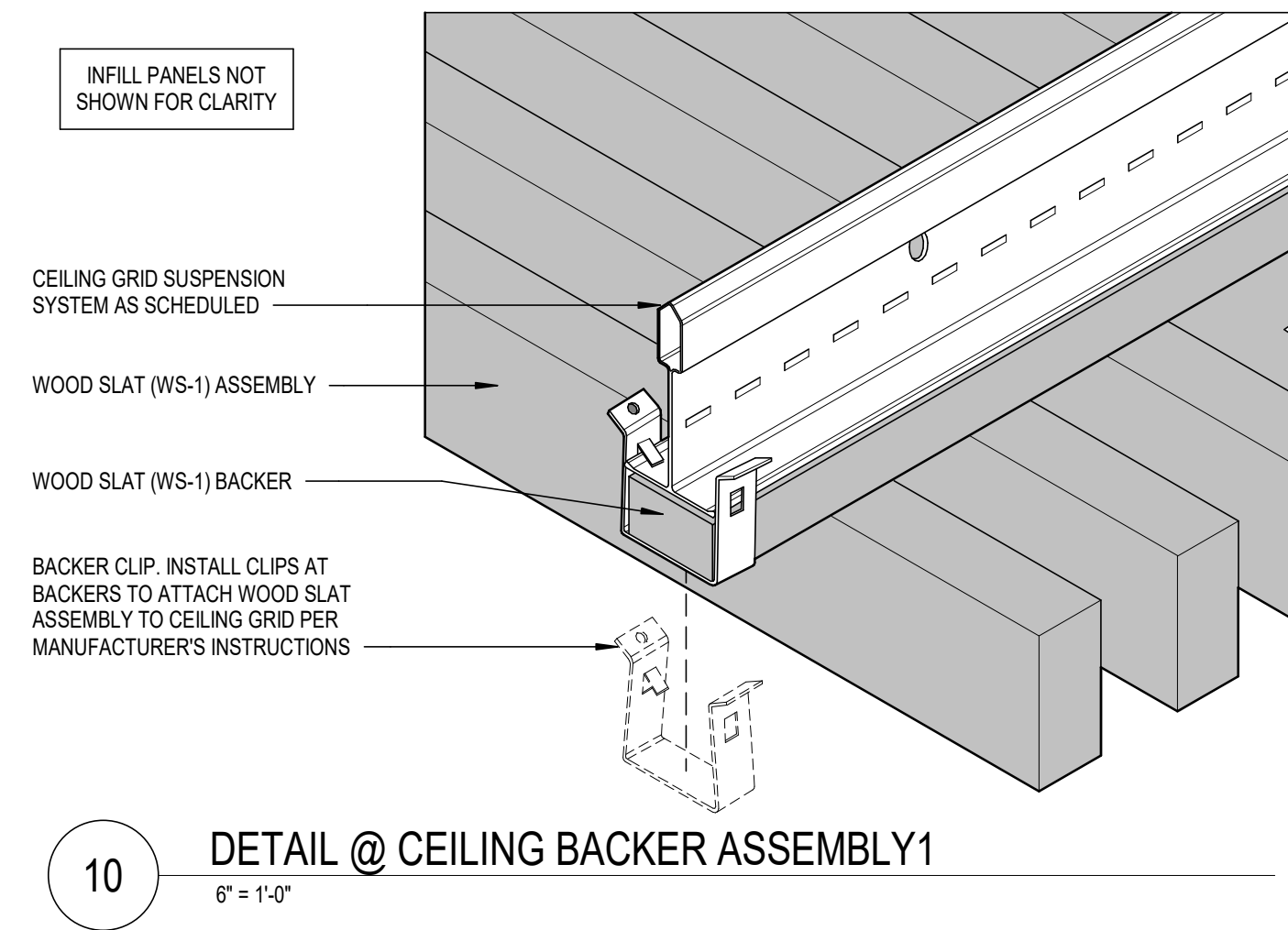
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REVISIONS:			

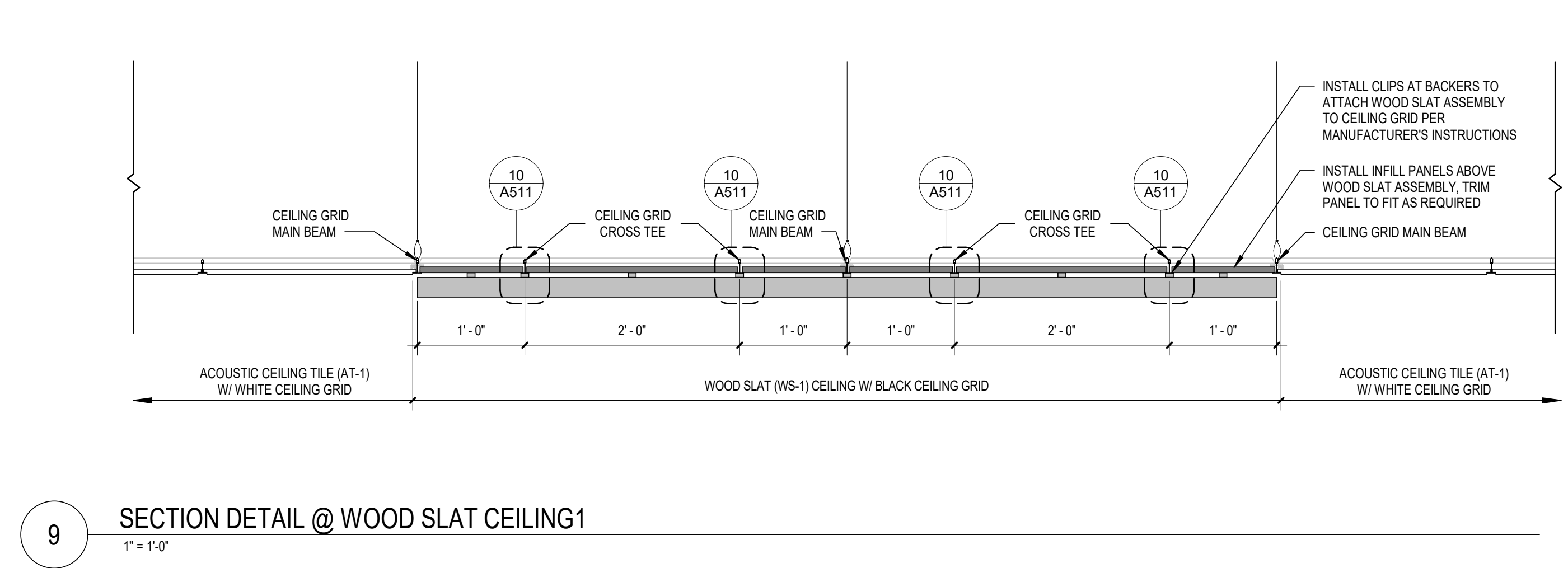
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ARCHITECT 0010829

A506

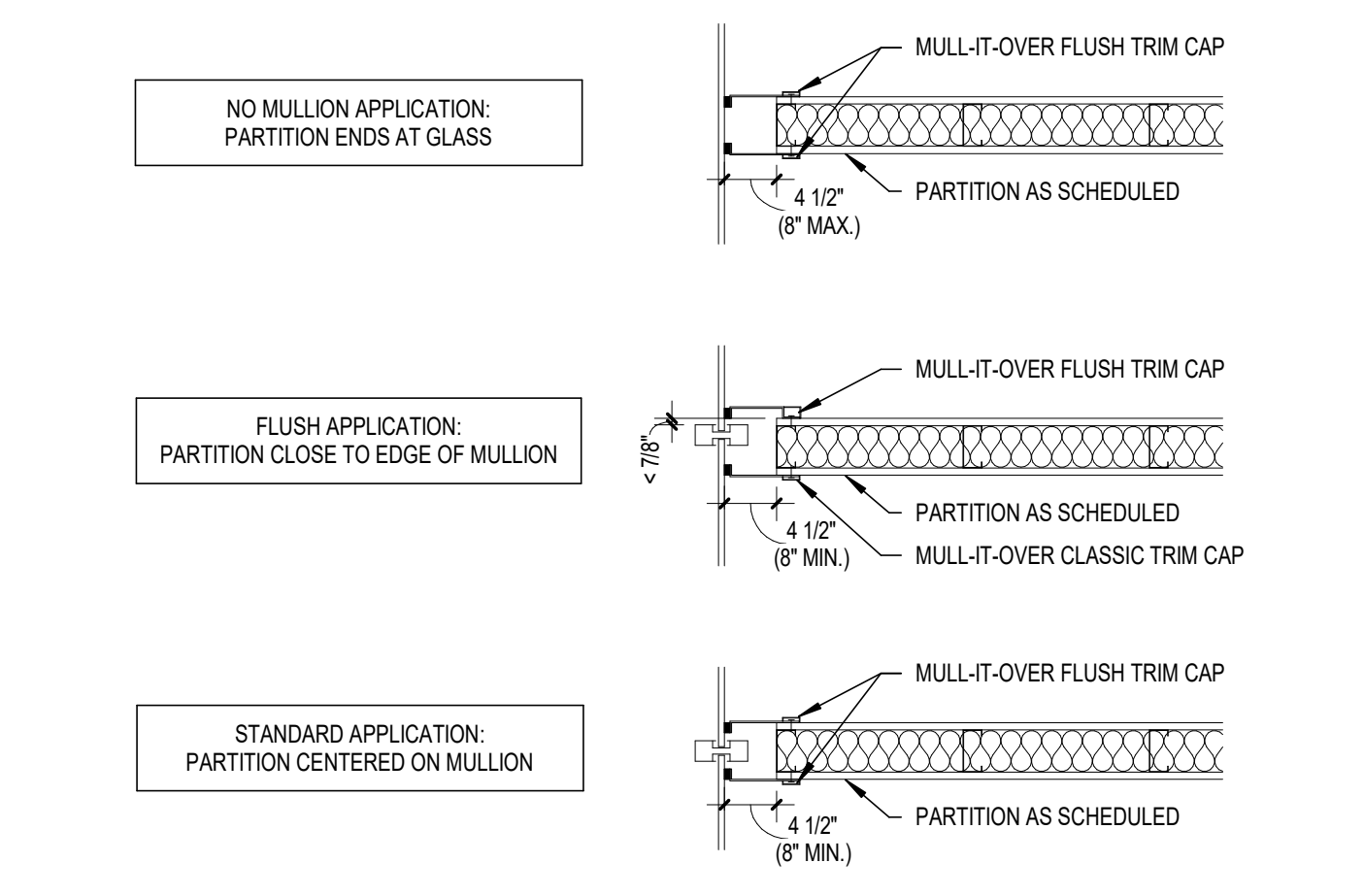
Project Date: 1/31/23
Project No.: 223001



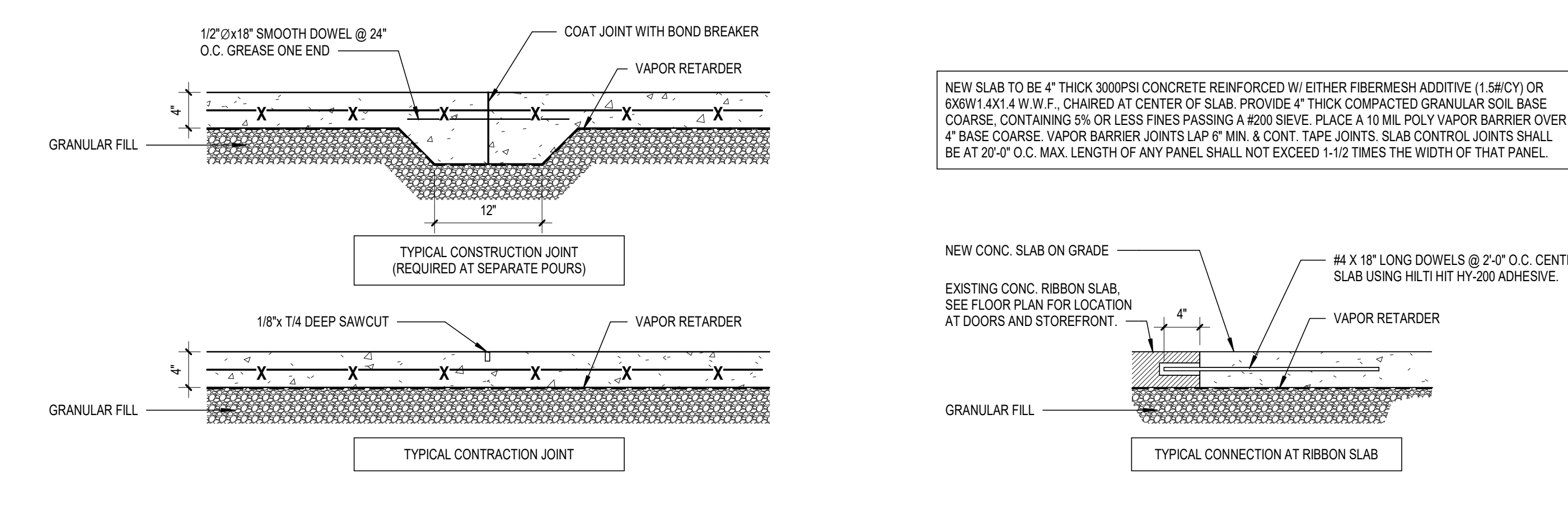
10 DETAIL @ CEILING BACKER ASSEMBLY1
6" = 1'-0"



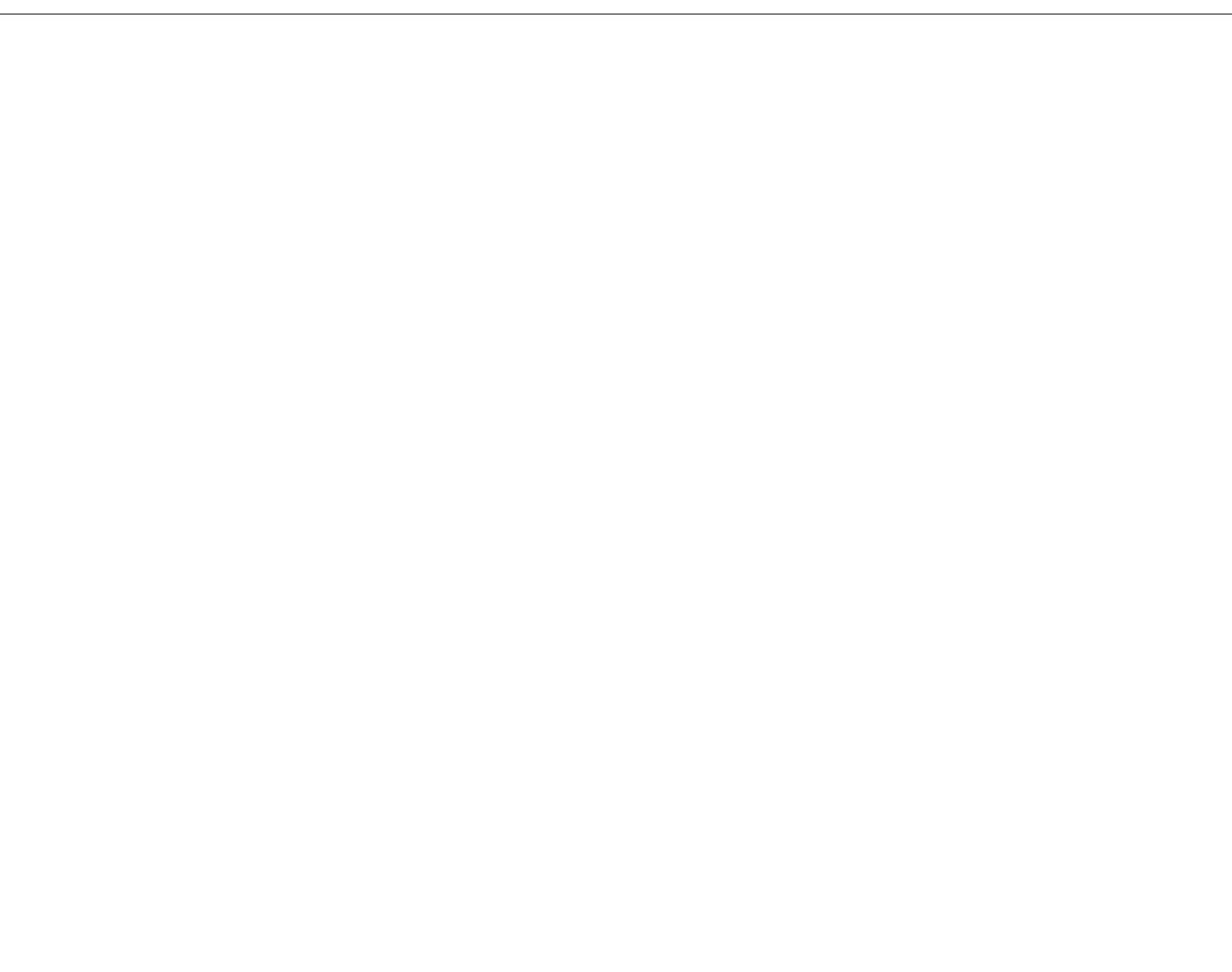
9 SECTION DETAIL @ WOOD SLAT CEILING1
1" = 1'-0"



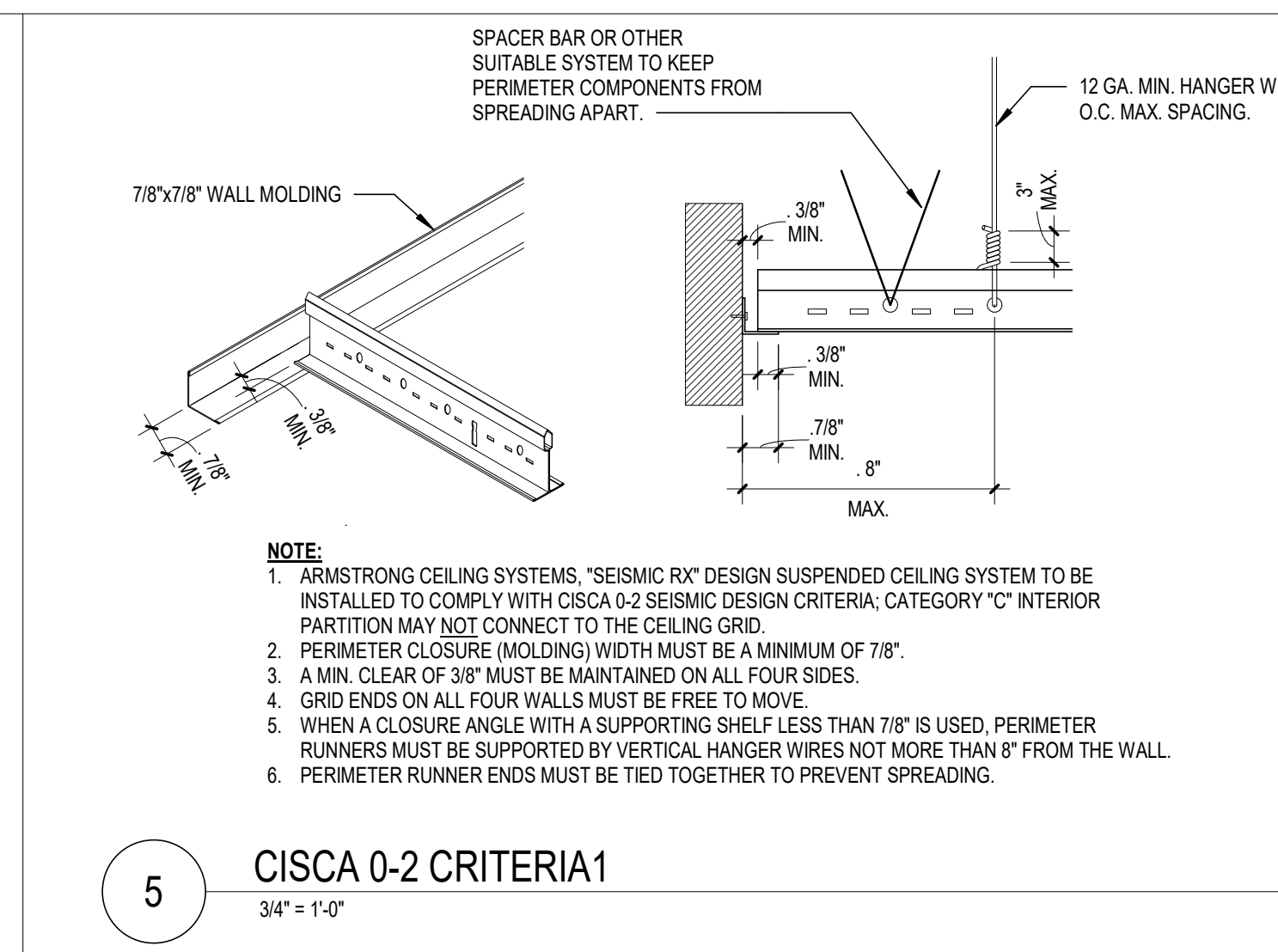
8 DETAILS @ MULL-IT-OVER WALL CAP
3/4" = 1'-0"



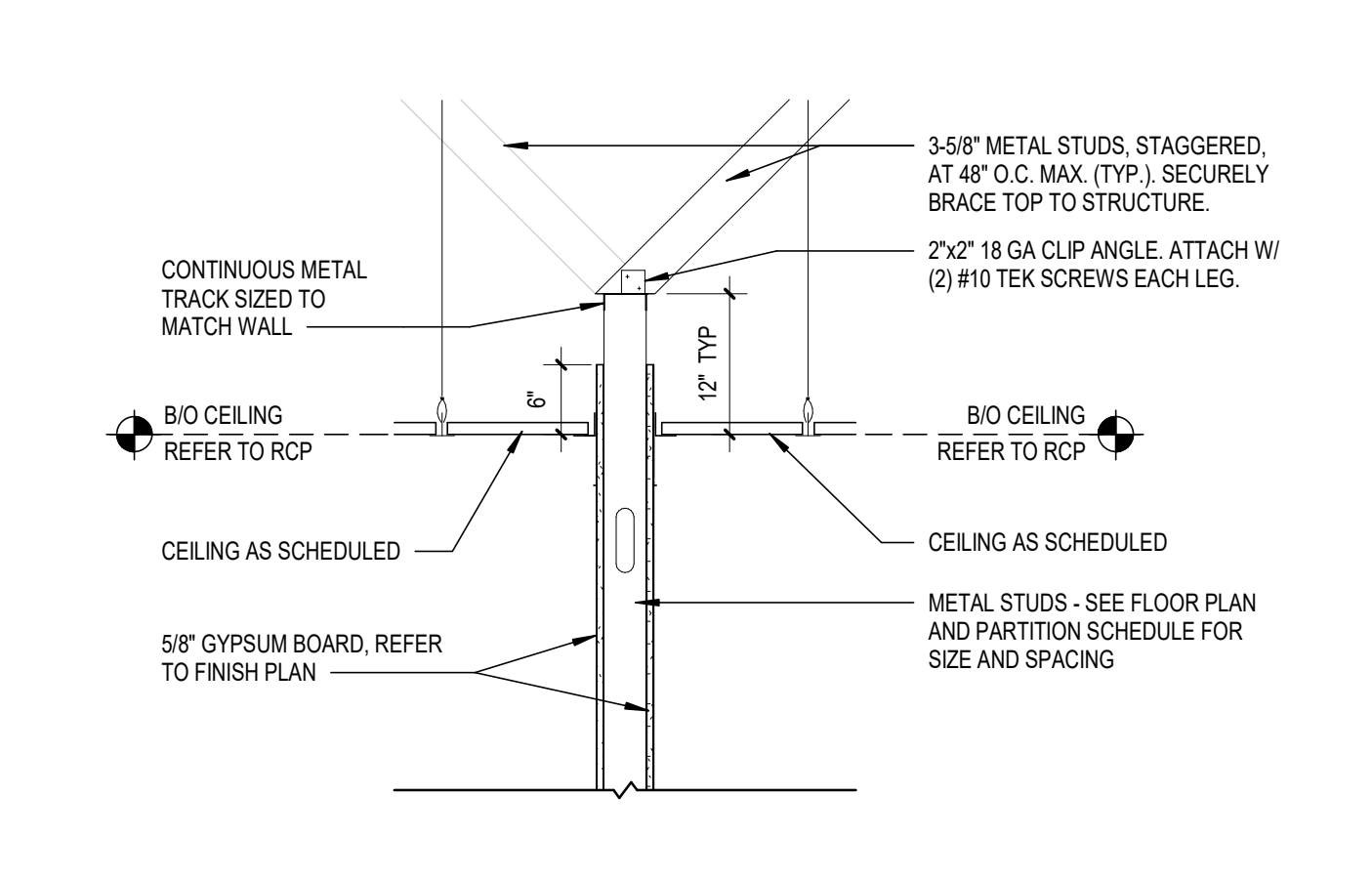
7 TYPICAL DETAILS @ NEW CONCRETE SLAB
1" = 1'-0"



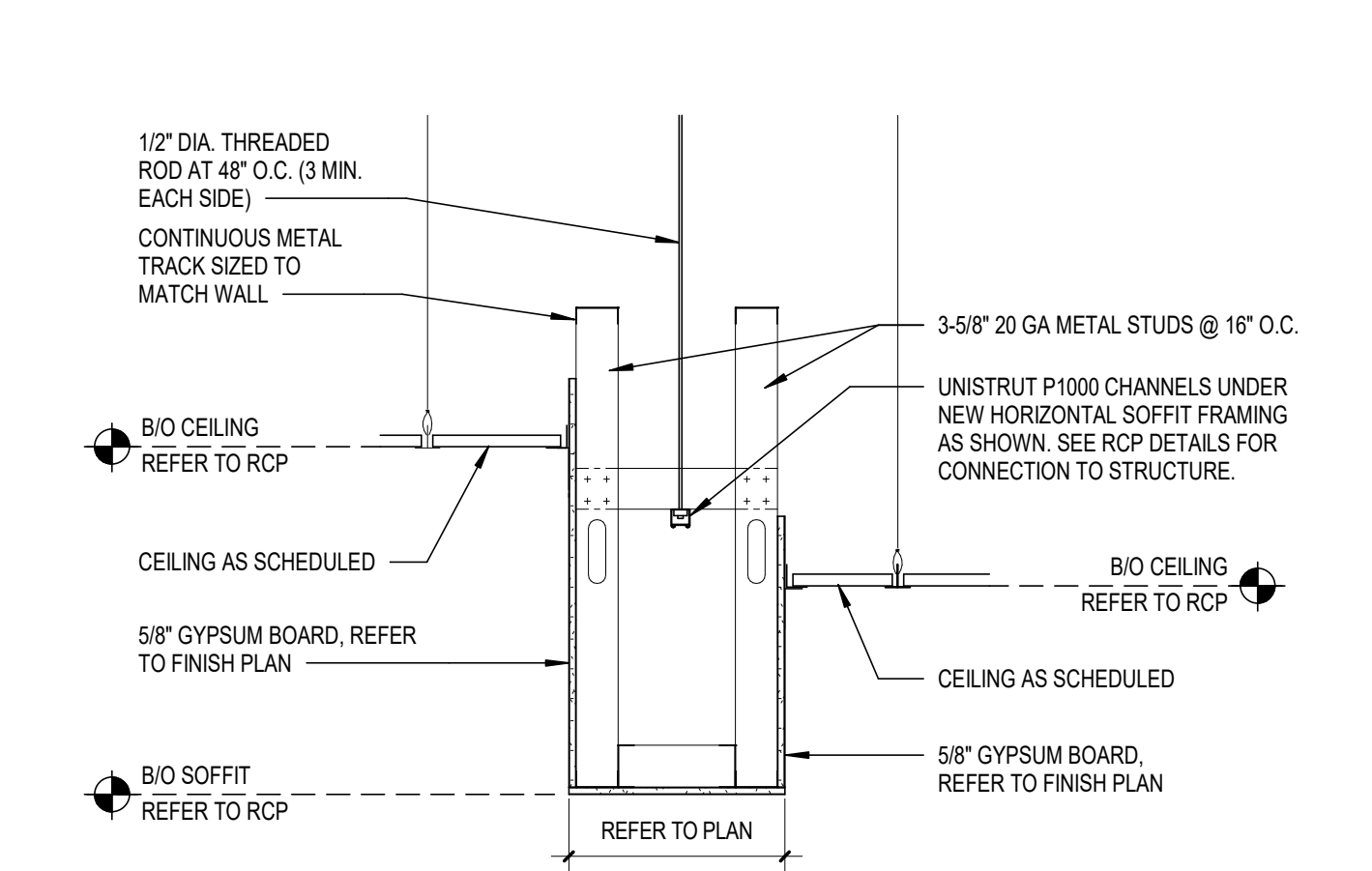
6 DETAIL @ UNISTRUCT CONNECTION TO STEEL JOIST
3/4" = 1'-0"



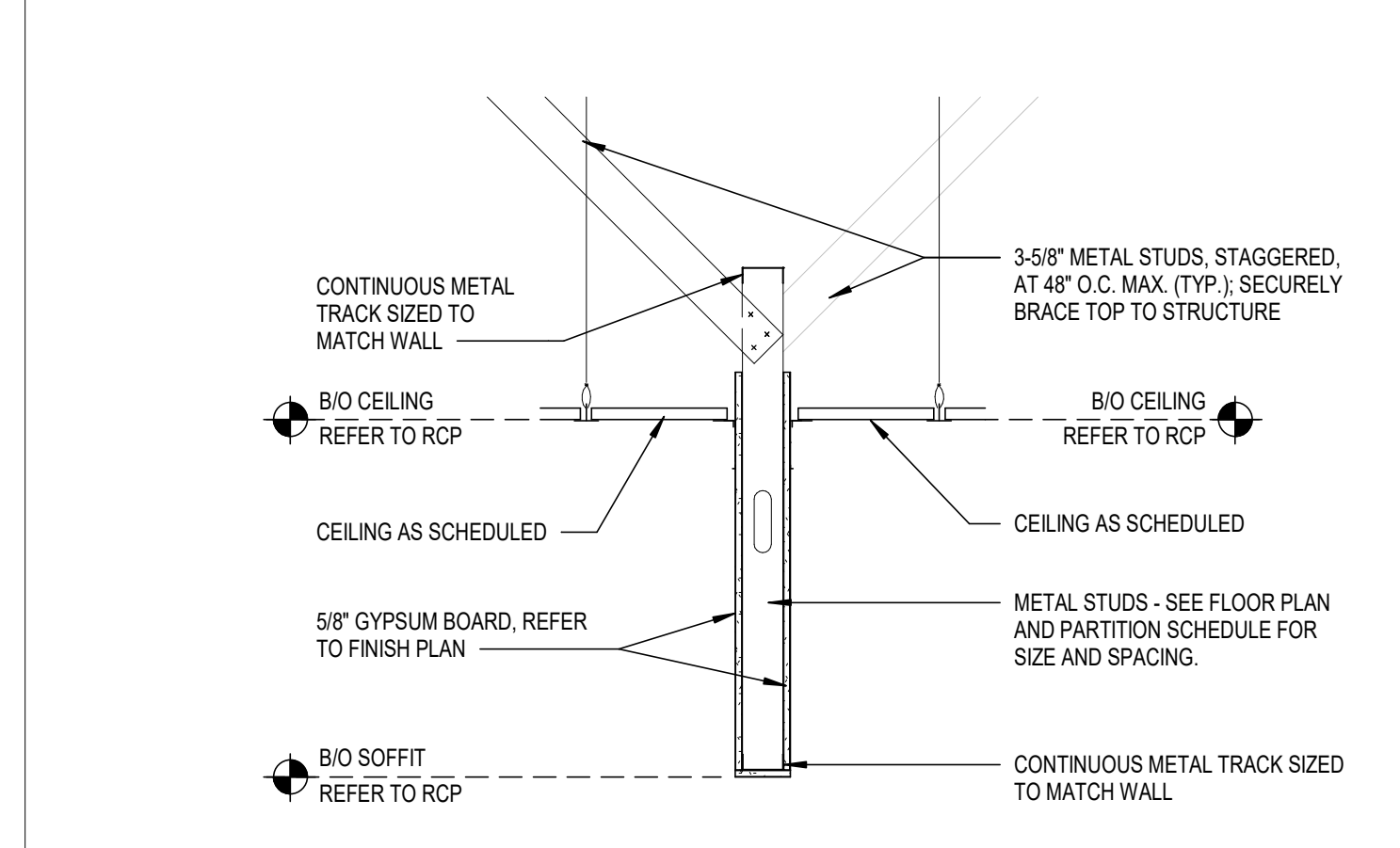
5 CISCA 0-2 CRITERIA1
3/4" = 1'-0"



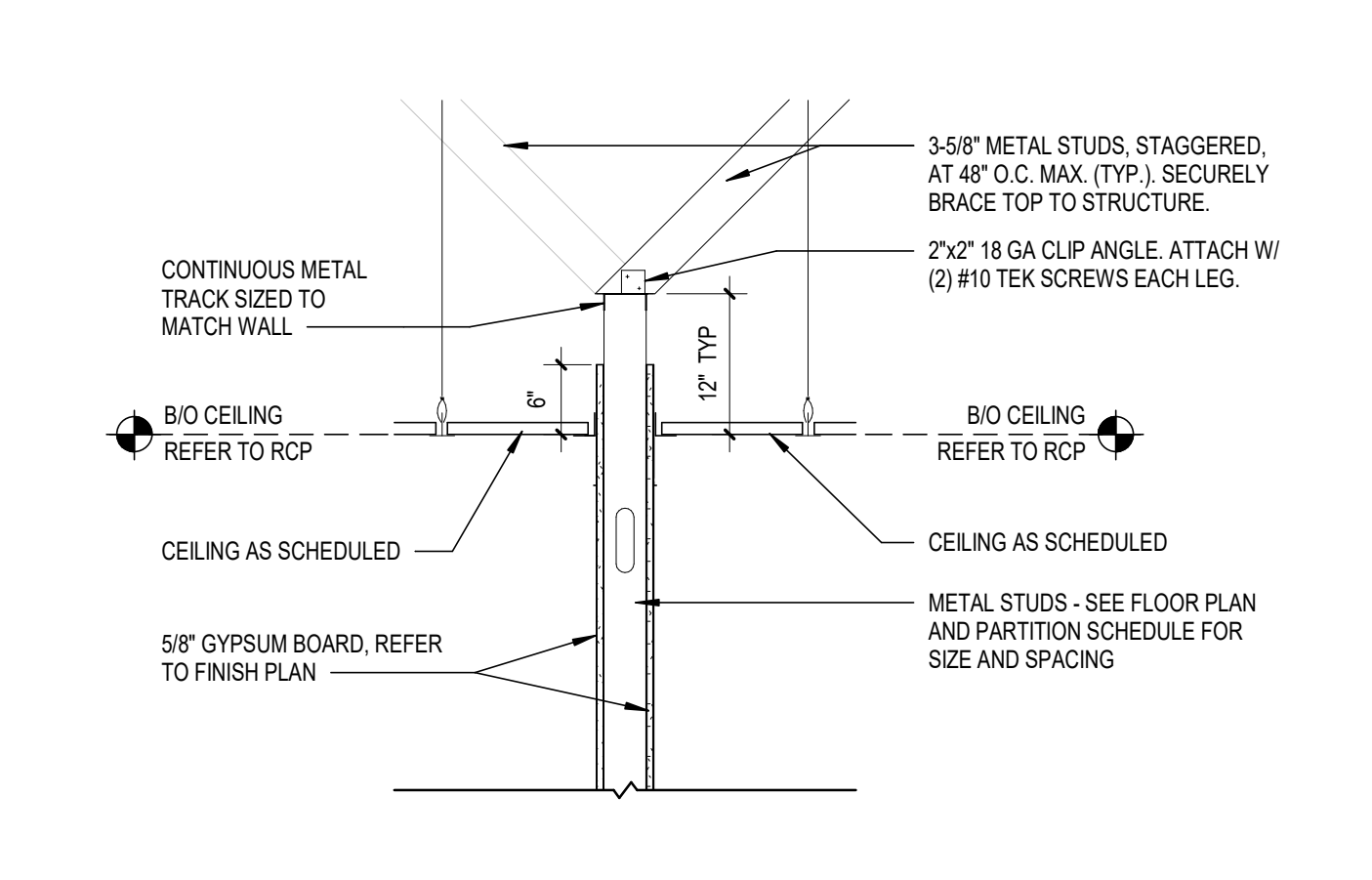
3 SECTION DETAIL @ TYPICAL WALL BRACING1
3/4" = 1'-0"



2 SECTION DETAIL @ TYPICAL SOFFIT
3/4" = 1'-0"



1 SECTION DETAIL @ TYPICAL SOFFIT
3/4" = 1'-0"



4 SECTION DETAIL @ MED GAS CLOSET1
3/4" = 1'-0"

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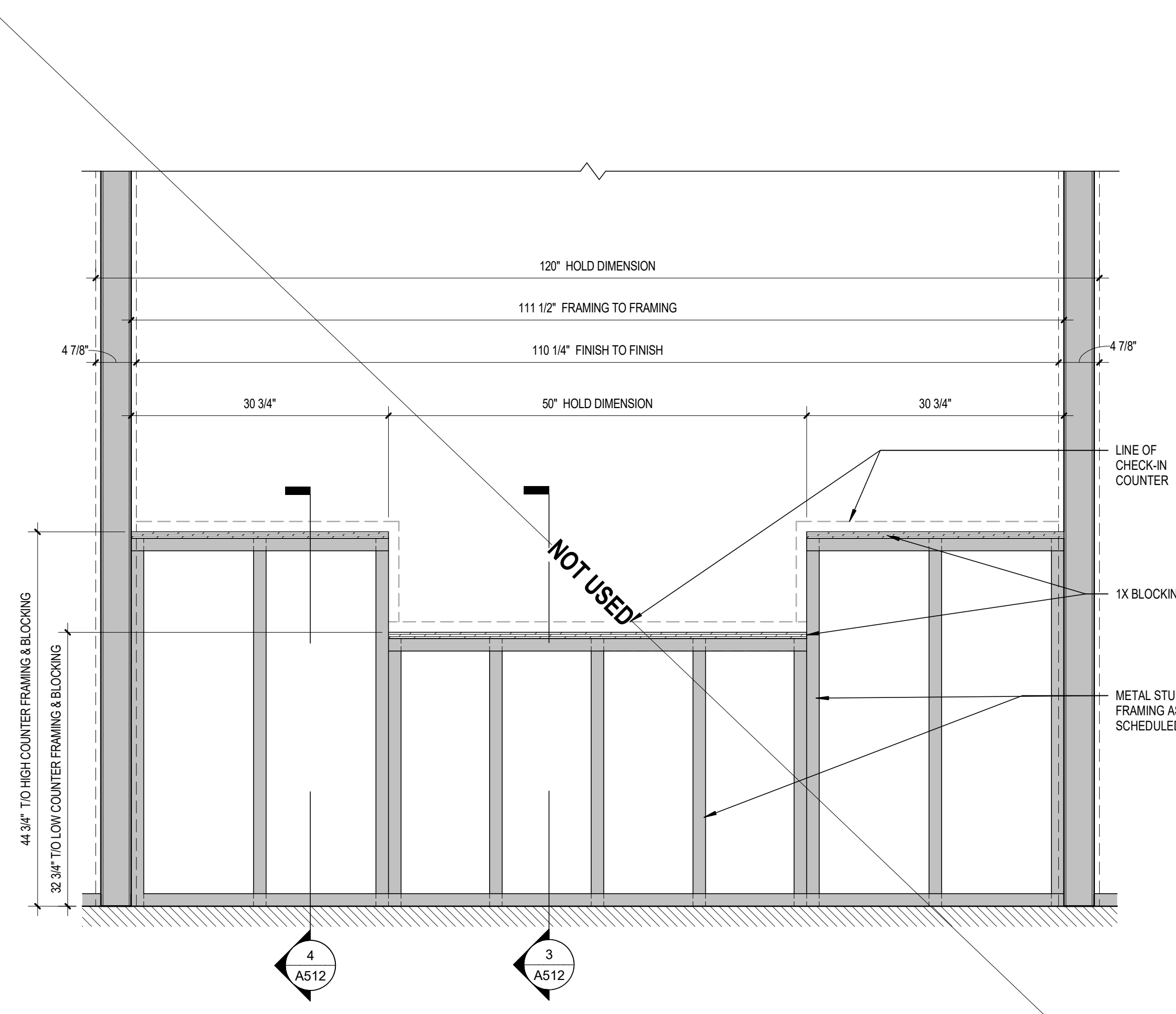
INTERIOR DETAILS
HEARTLAND DENTAL
WINTER GARDEN
AVALON & MARSH RD
WINTER GARDEN, FL 34787

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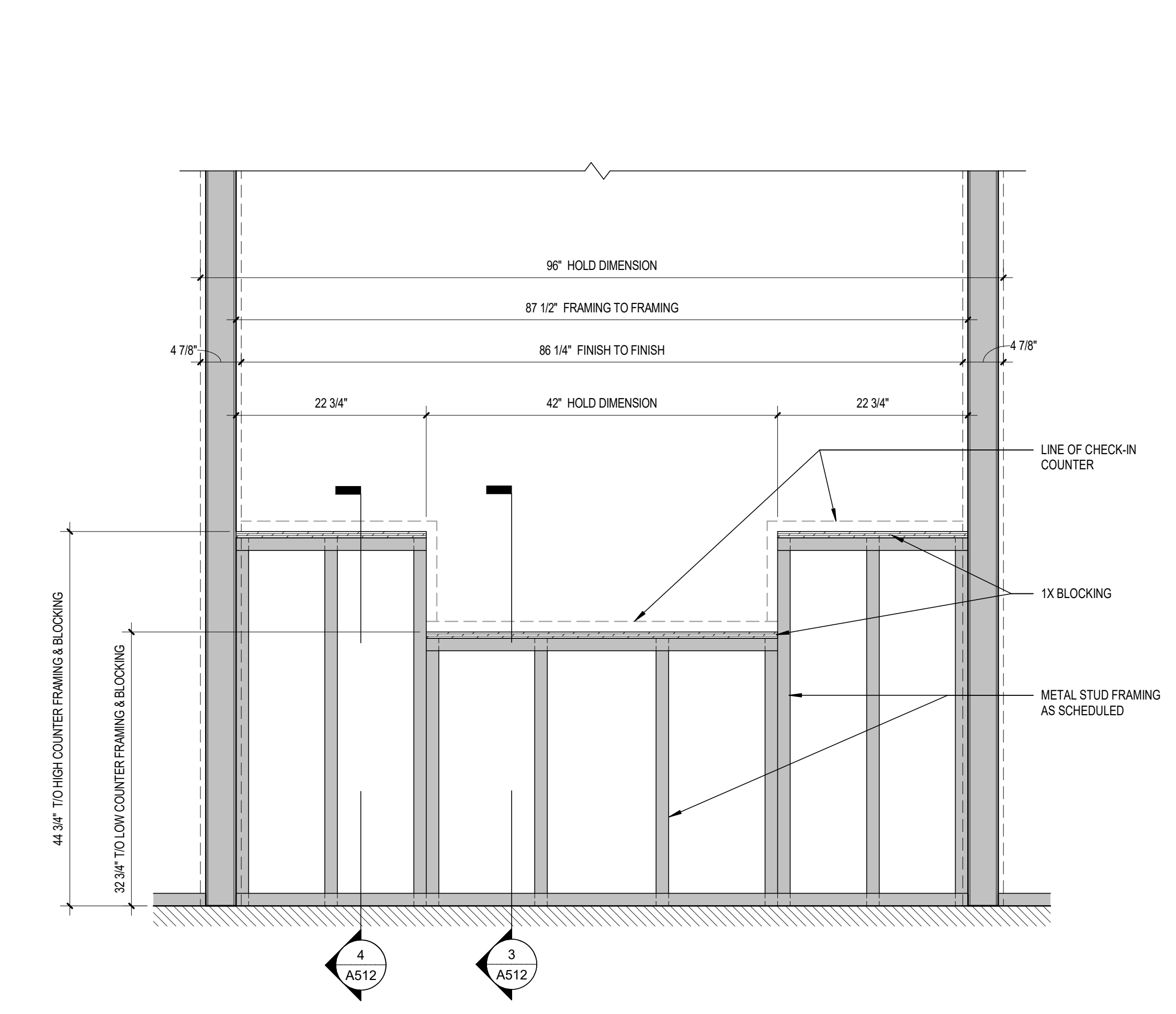
REVISIONS:	

WILLIAM JOE FISHER
ARCHITECT 0010829

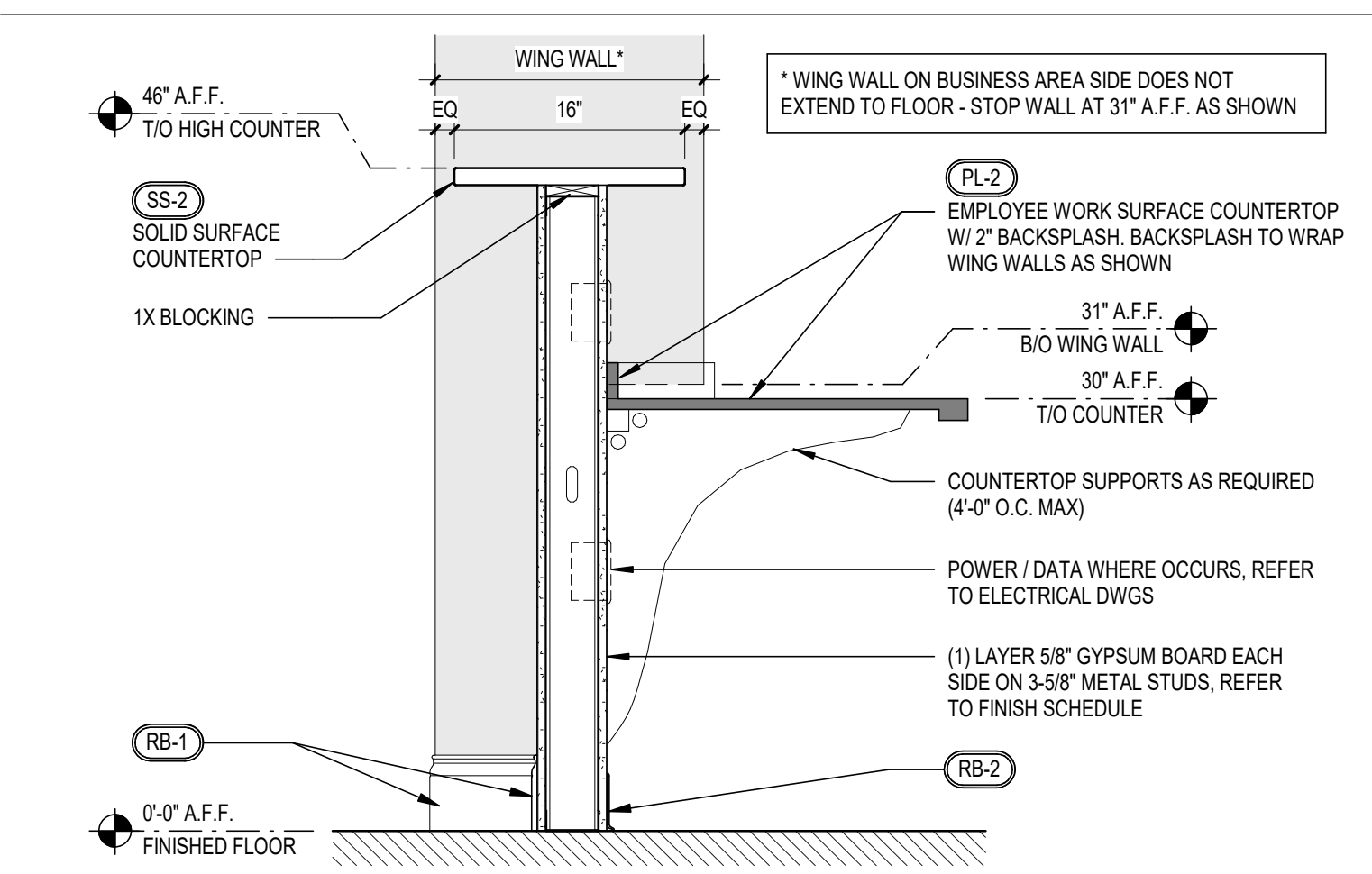
A511
Project Date: 1/31/23
Project No.: 223001



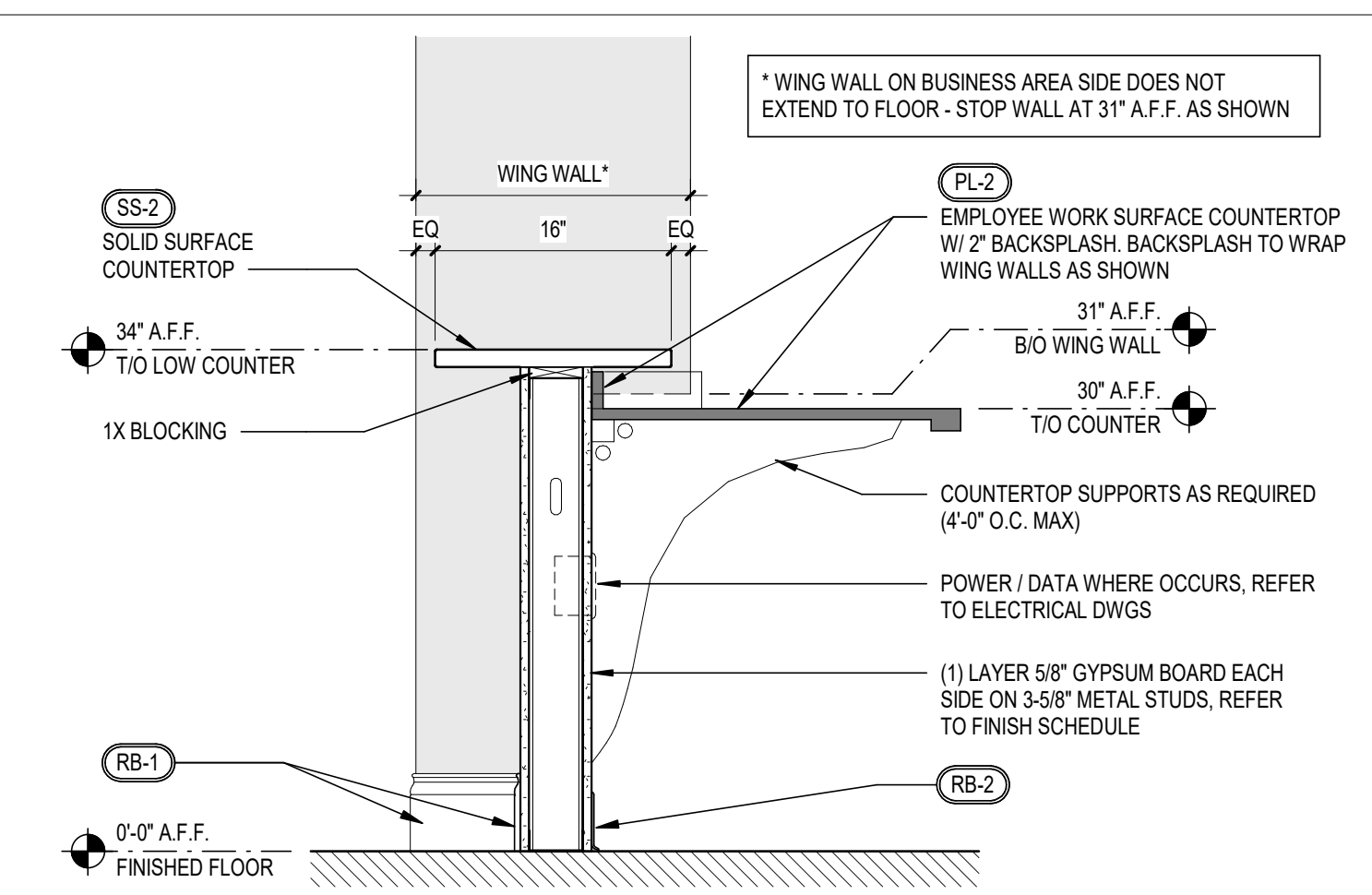
8 ELEVATION DETAIL @ CHECK-IN COUNTER FRAMING (110" CHECK-IN)
1" = 1'-0"



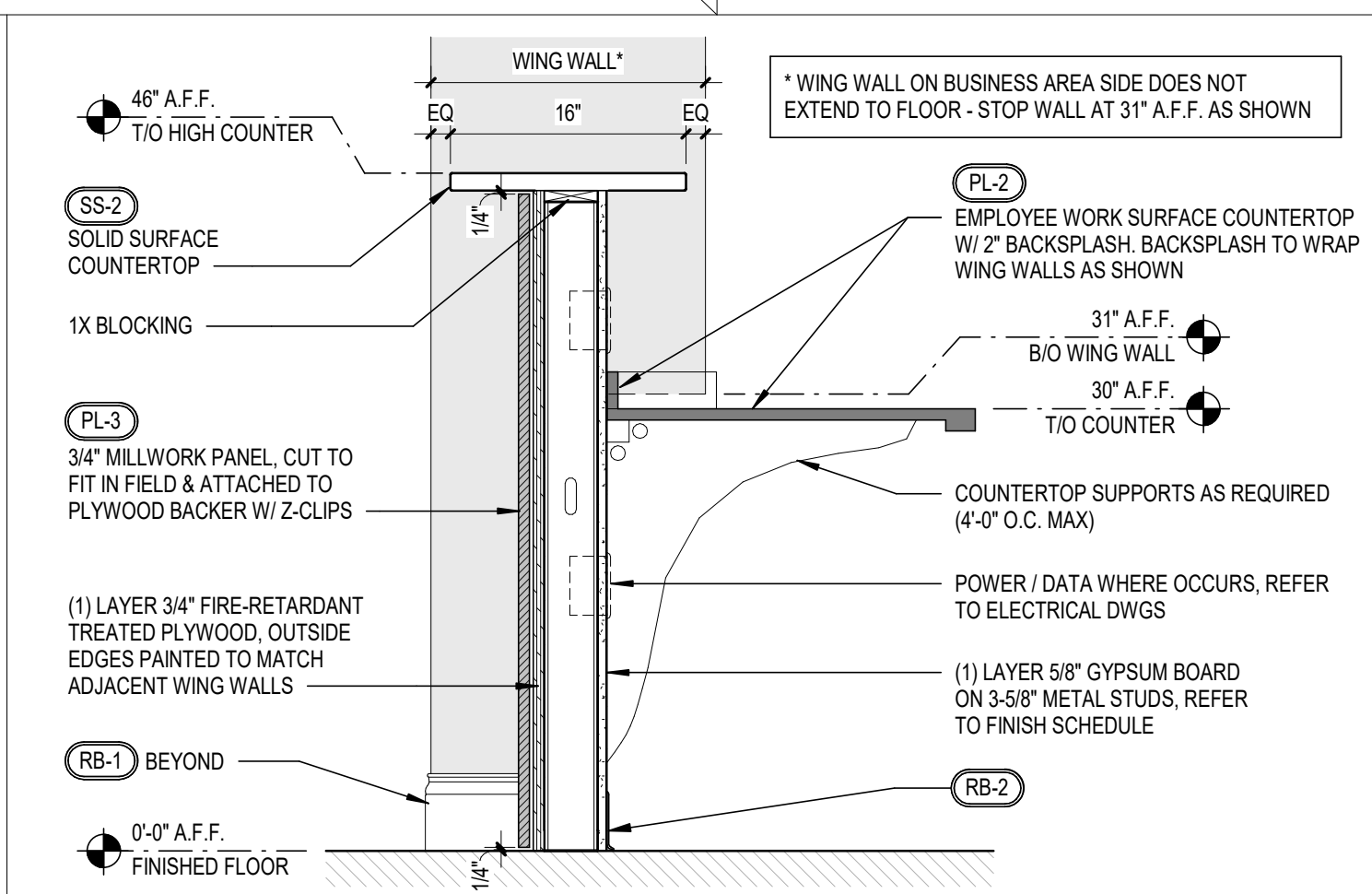
7 ELEVATION DETAIL @ CHECK-IN COUNTER FRAMING (86" CHECK-IN)
1" = 1'-0"



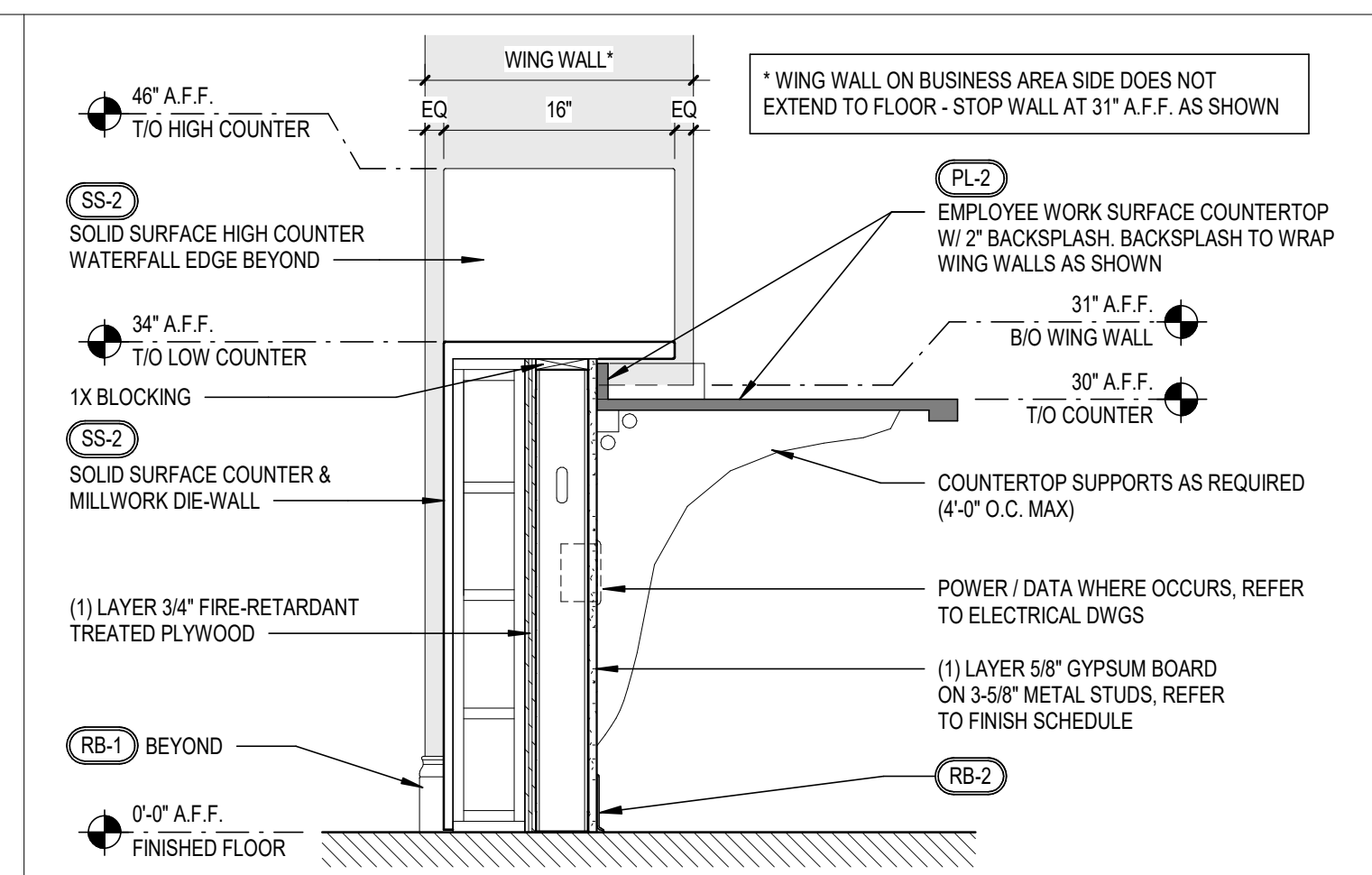
6 SECTION DETAIL @ CHECK-OUT HIGH COUNTER
1" = 1'-0"



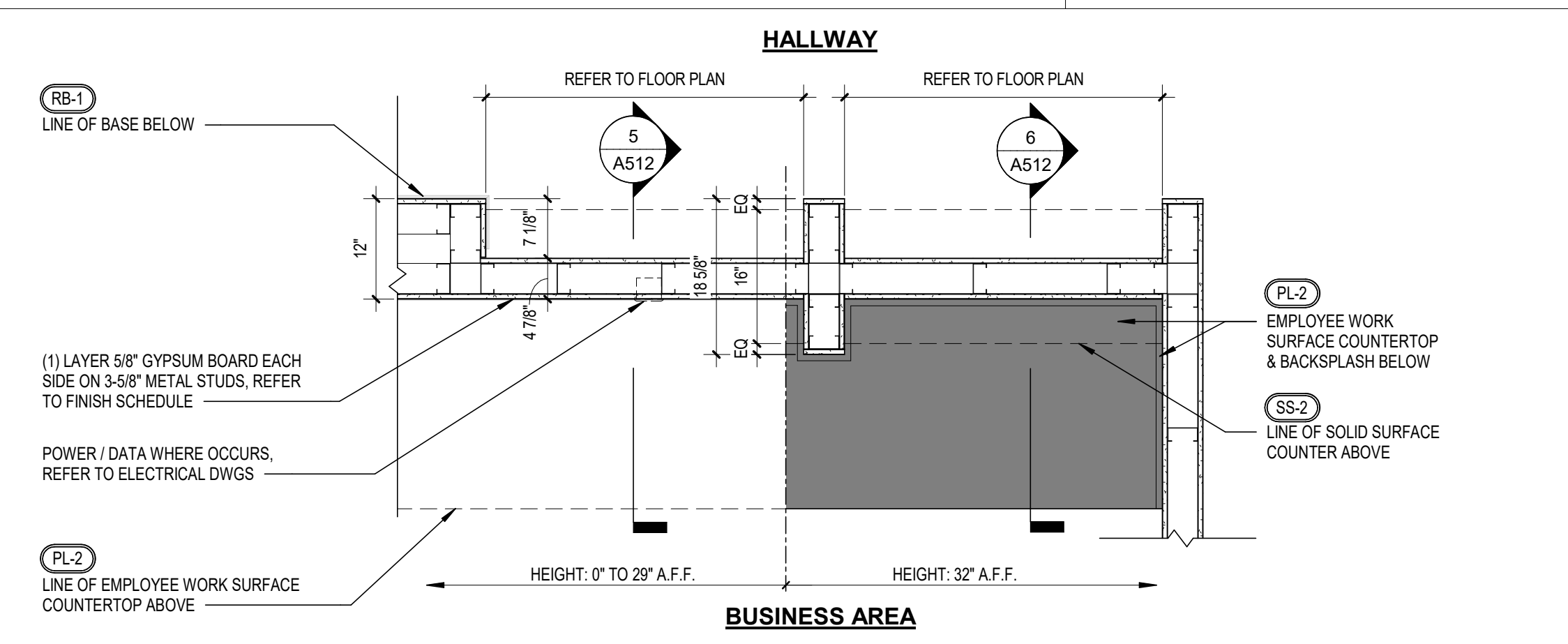
5 SECTION DETAIL @ CHECK-OUT LOW COUNTER1
1" = 1'-0"



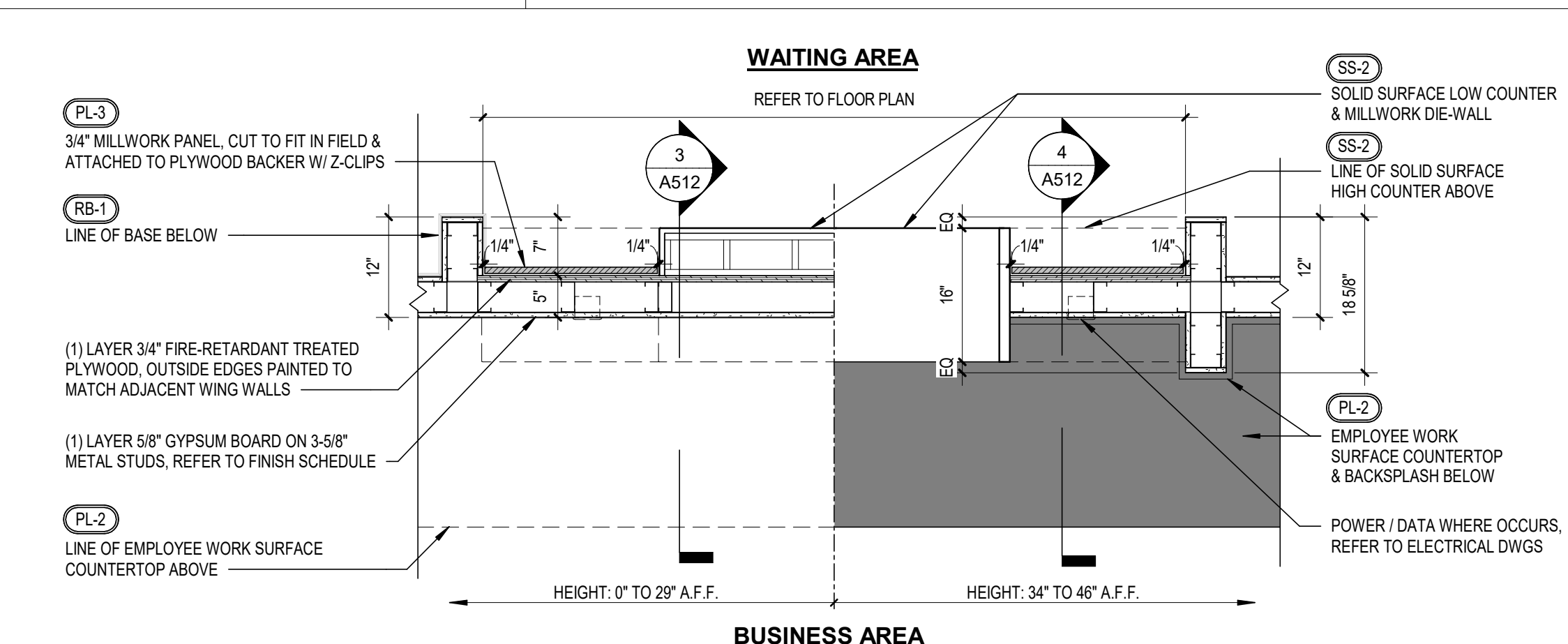
4 SECTION DETAIL @ CHECK-IN HIGH COUNTER
1" = 1'-0"



3 SECTION DETAIL @ CHECK-IN LOW COUNTER1
1" = 1'-0"



2 PLAN DETAIL @ CHECK-OUT WING WALL FRAMING1
3/4" = 1'-0"



1 PLAN DETAIL @ CHECK-IN WING WALL FRAMING1
3/4" = 1'-0"

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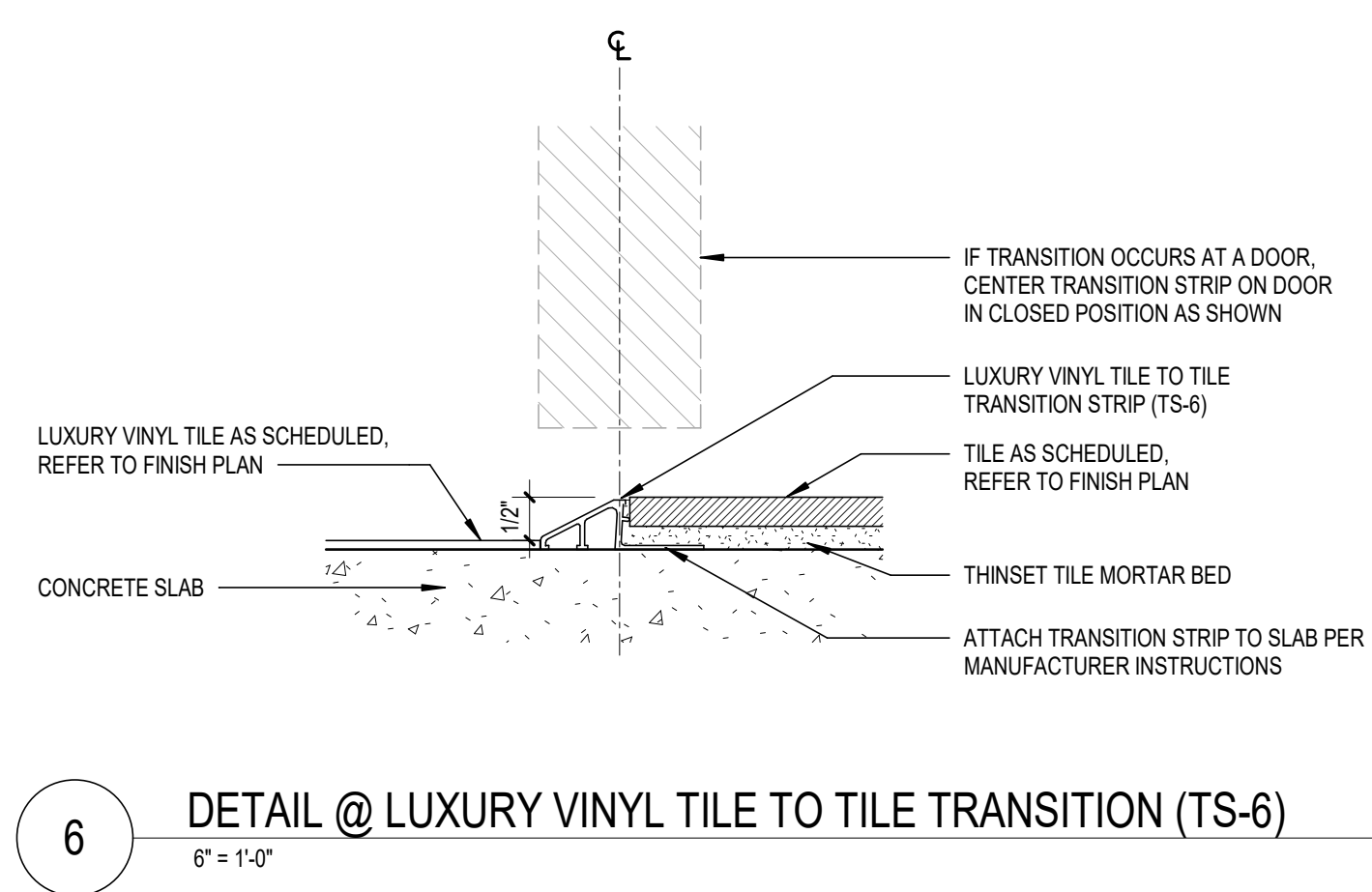
INTERIOR DETAILS
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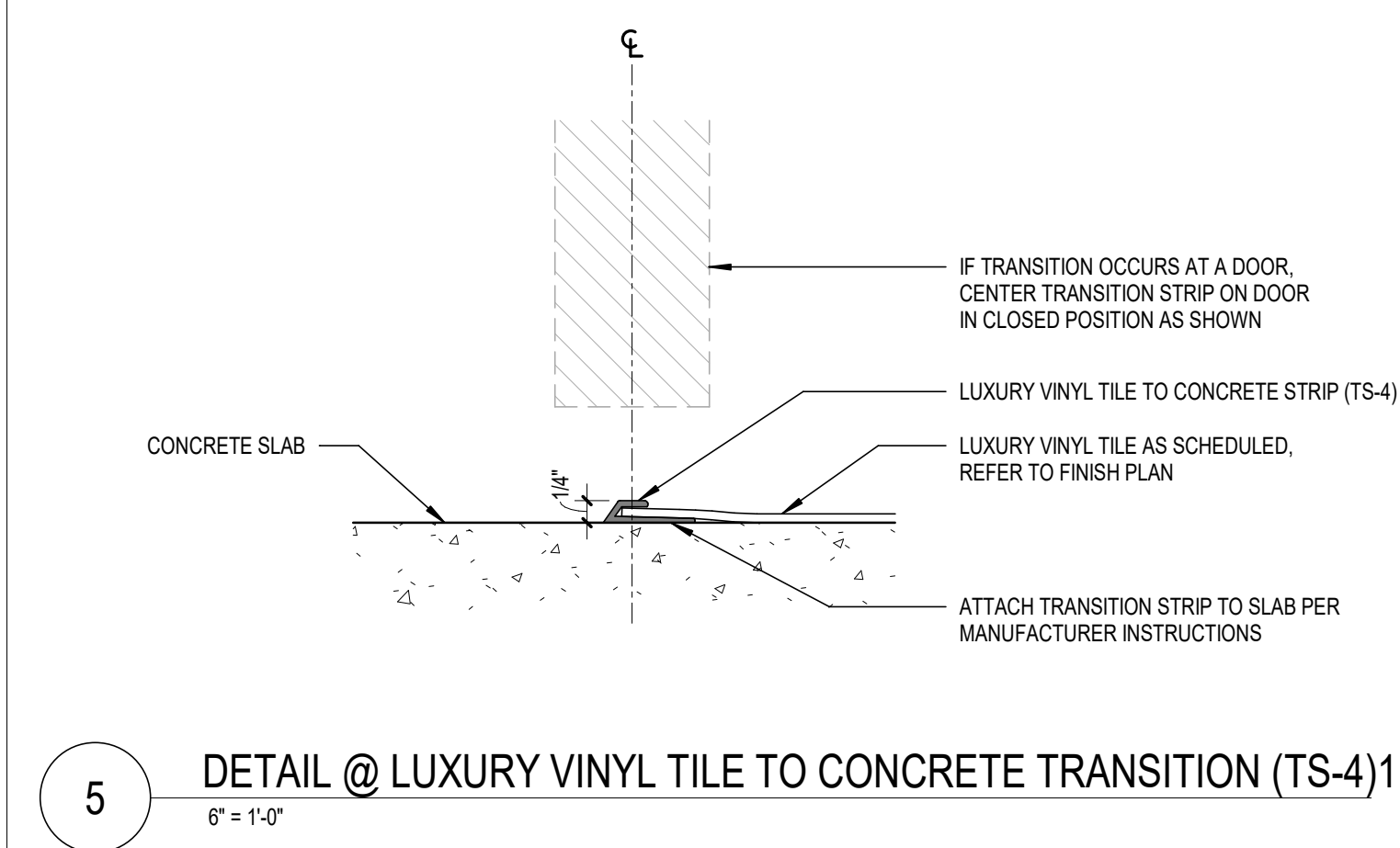
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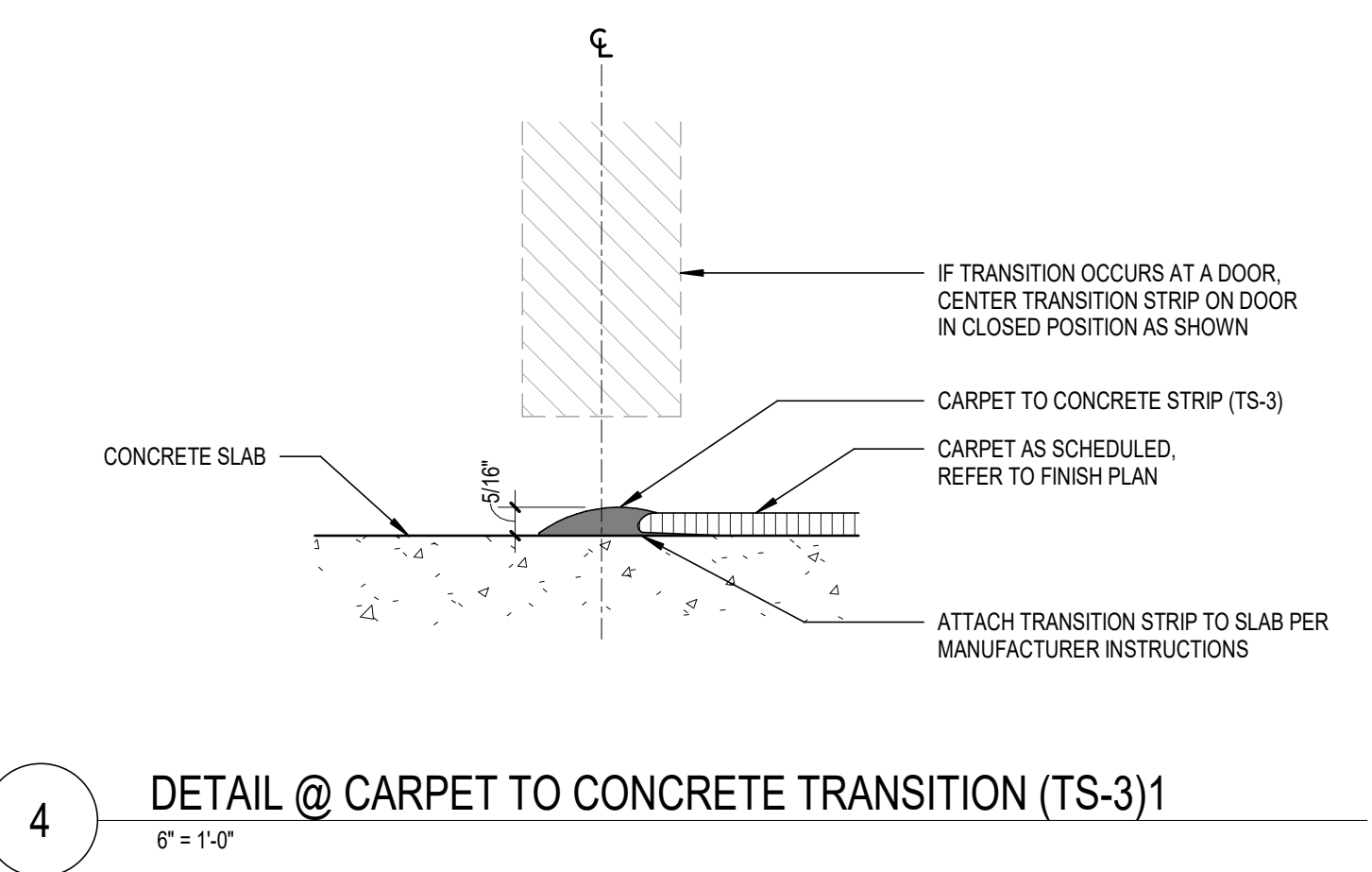
A512
Project Date: 1/31/23
Project No.: 223001



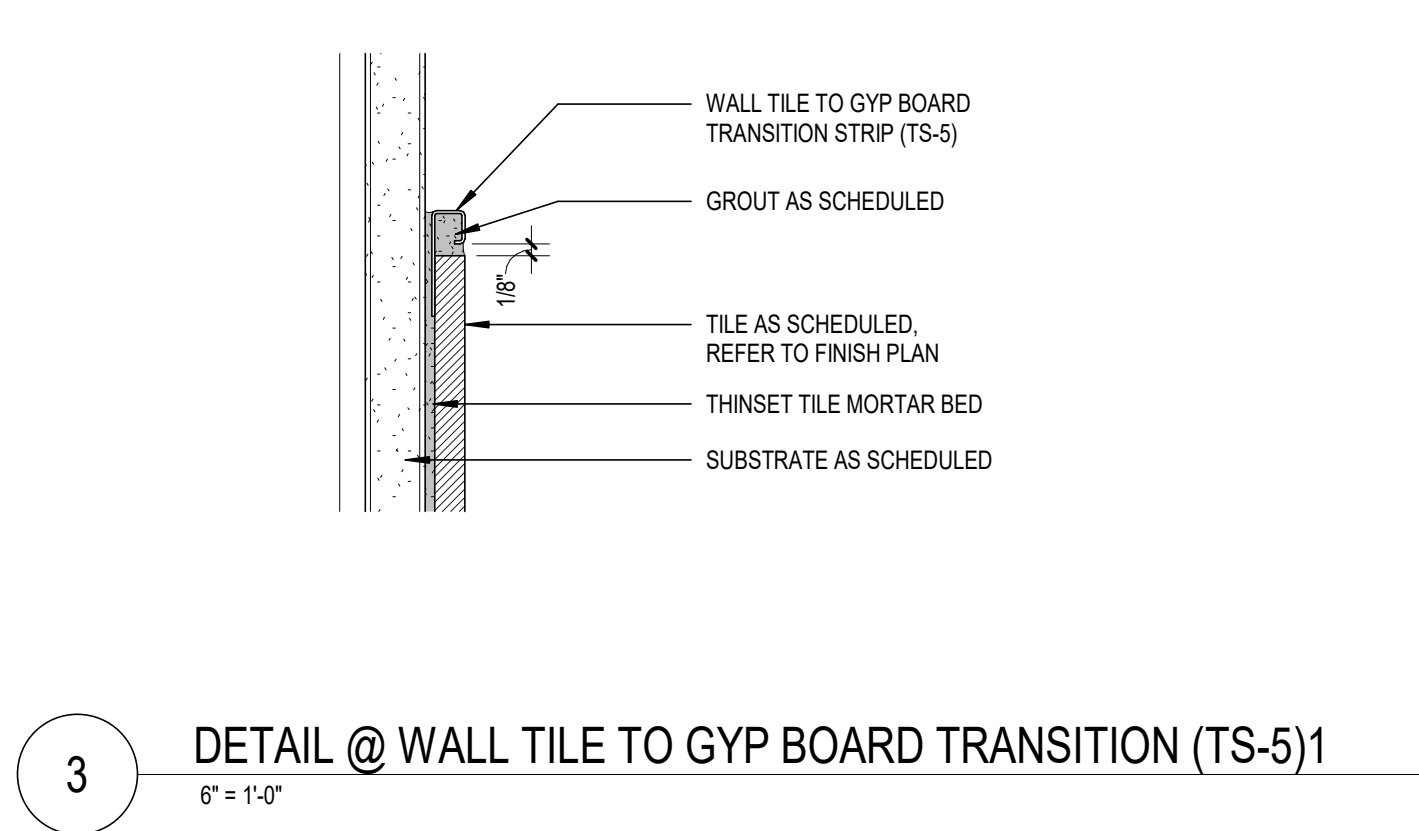
6 DETAIL @ LUXURY VINYL TILE TO TILE TRANSITION (TS-6)
6" = 1'-0"



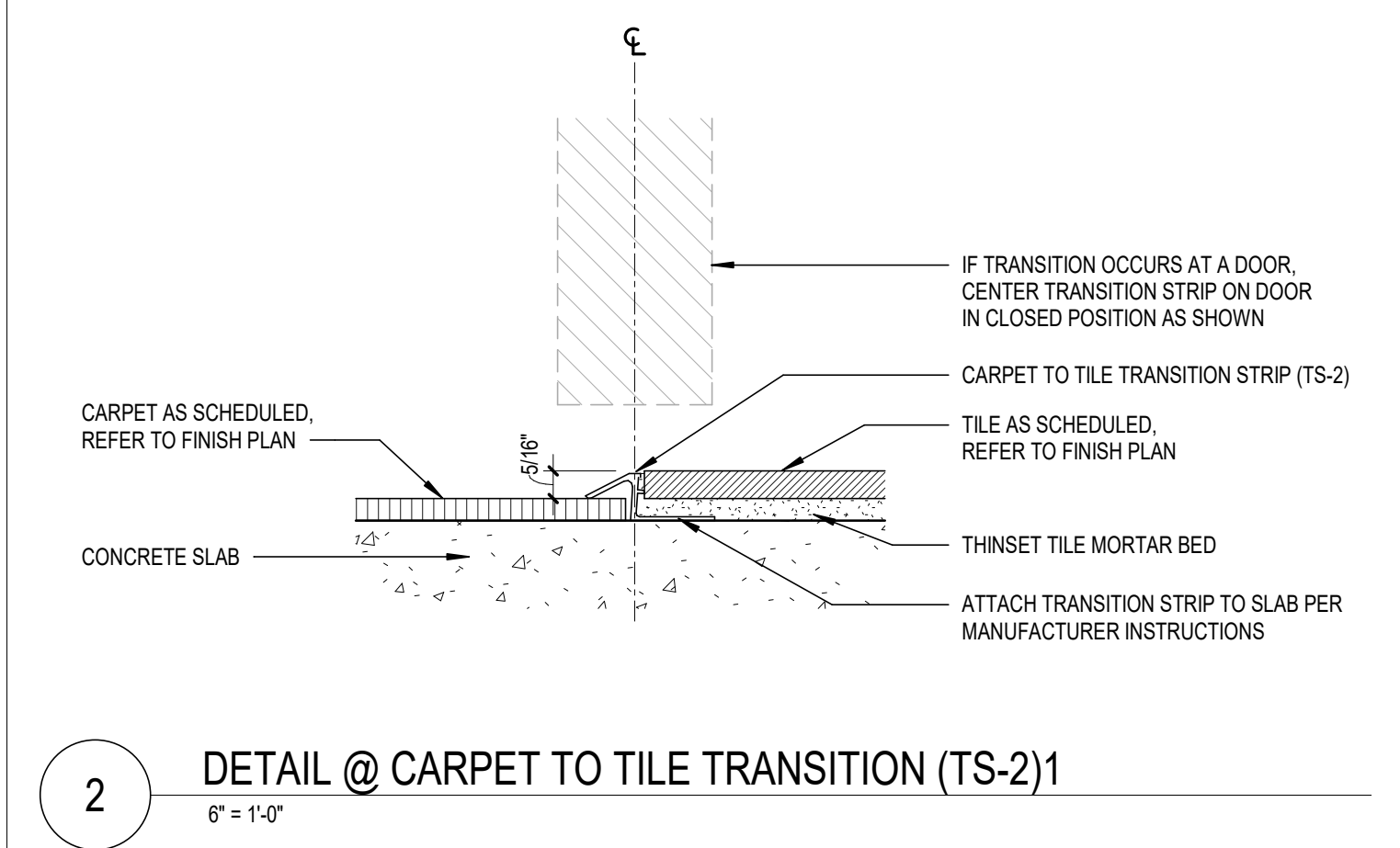
5 DETAIL @ LUXURY VINYL TILE TO CONCRETE TRANSITION (TS-4)1
6" = 1'-0"



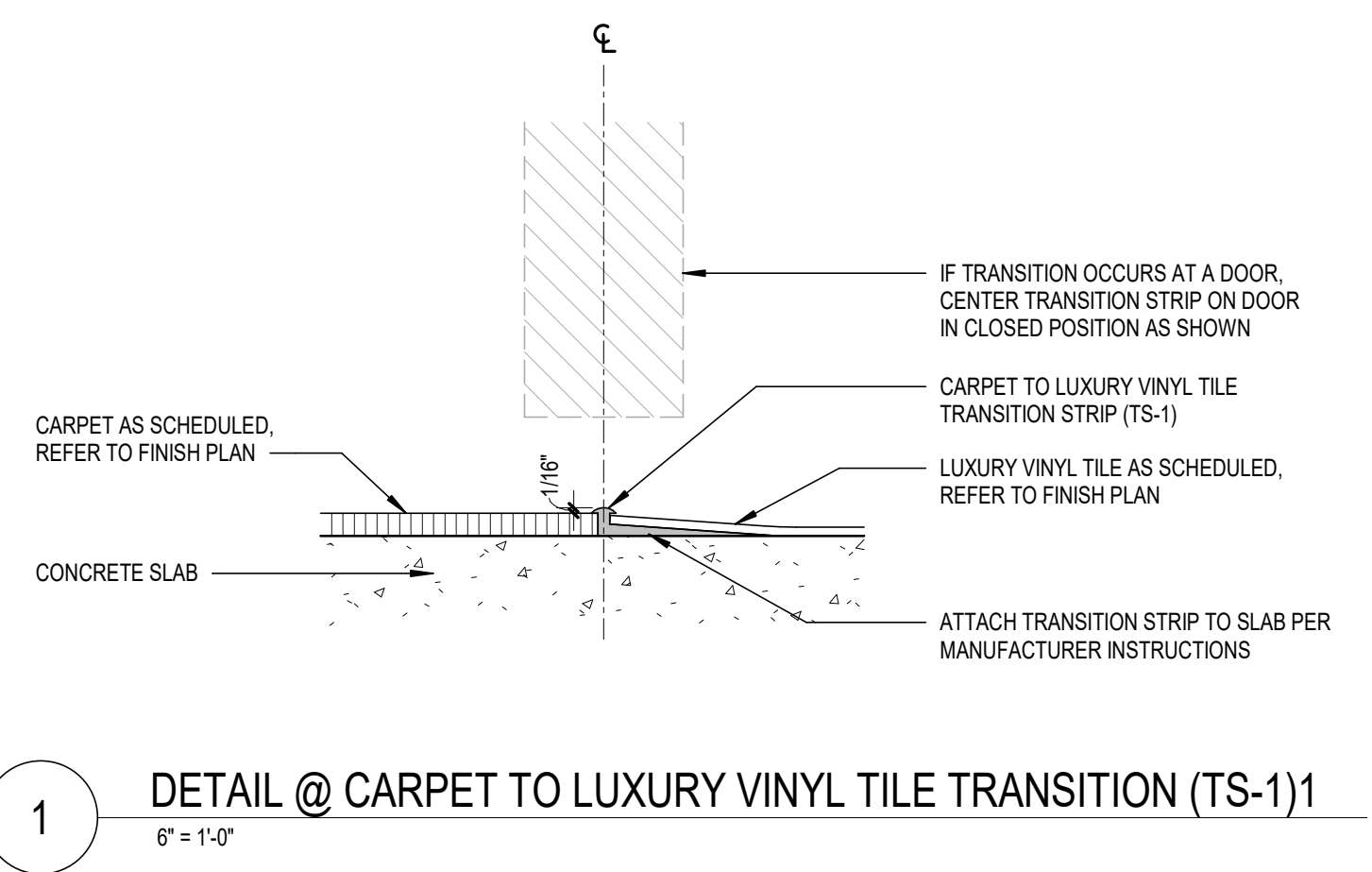
4 DETAIL @ CARPET TO CONCRETE TRANSITION (TS-3)1
6" = 1'-0"



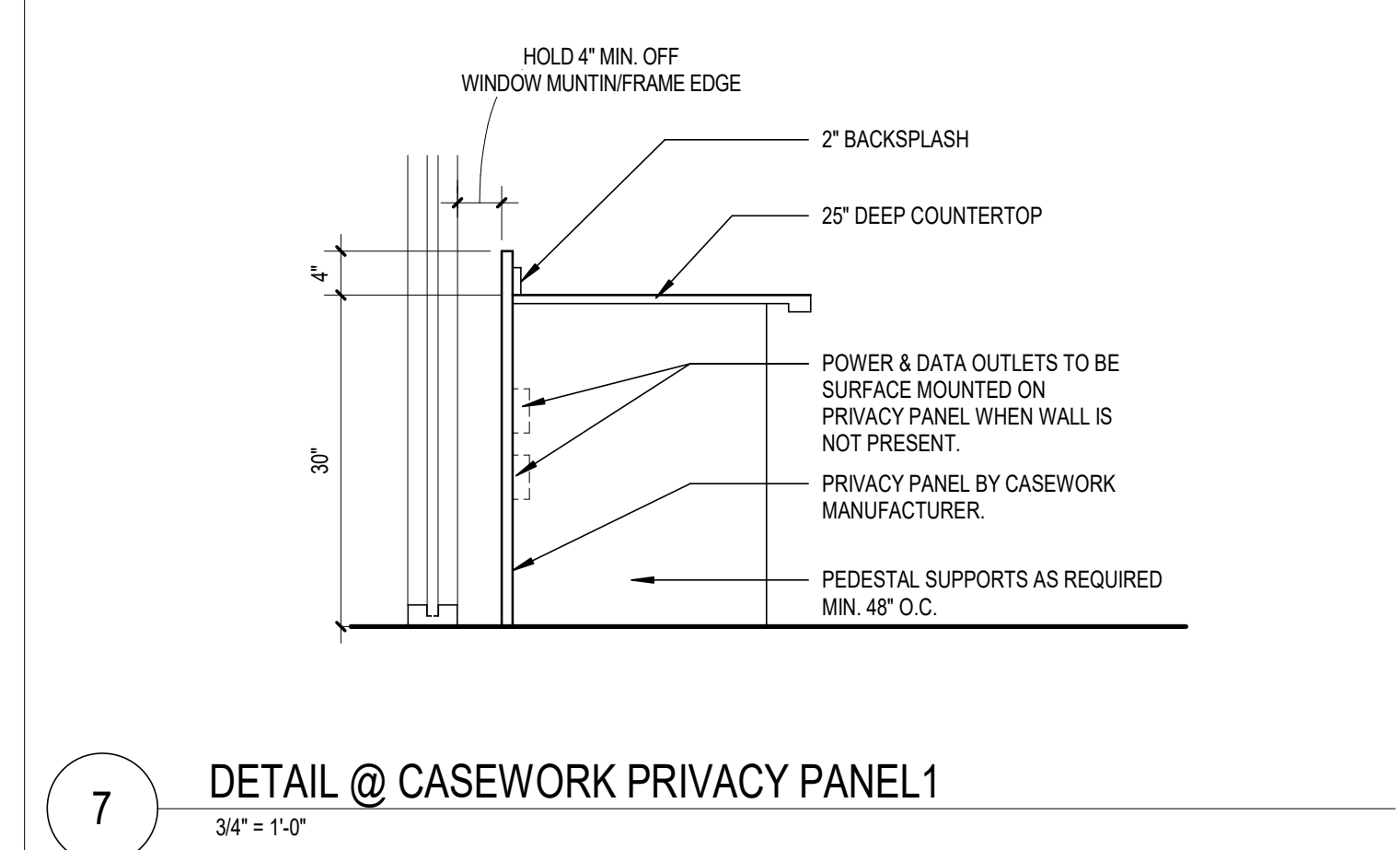
3 DETAIL @ WALL TILE TO GYP BOARD TRANSITION (TS-5)1
6" = 1'-0"



2 DETAIL @ CARPET TO TILE TRANSITION (TS-2)1
6" = 1'-0"



1 DETAIL @ CARPET TO LUXURY VINYL TILE TRANSITION (TS-1)1
6" = 1'-0"



7 DETAIL @ CASEWORK PRIVACY PANEL1
3/4" = 1'-0"

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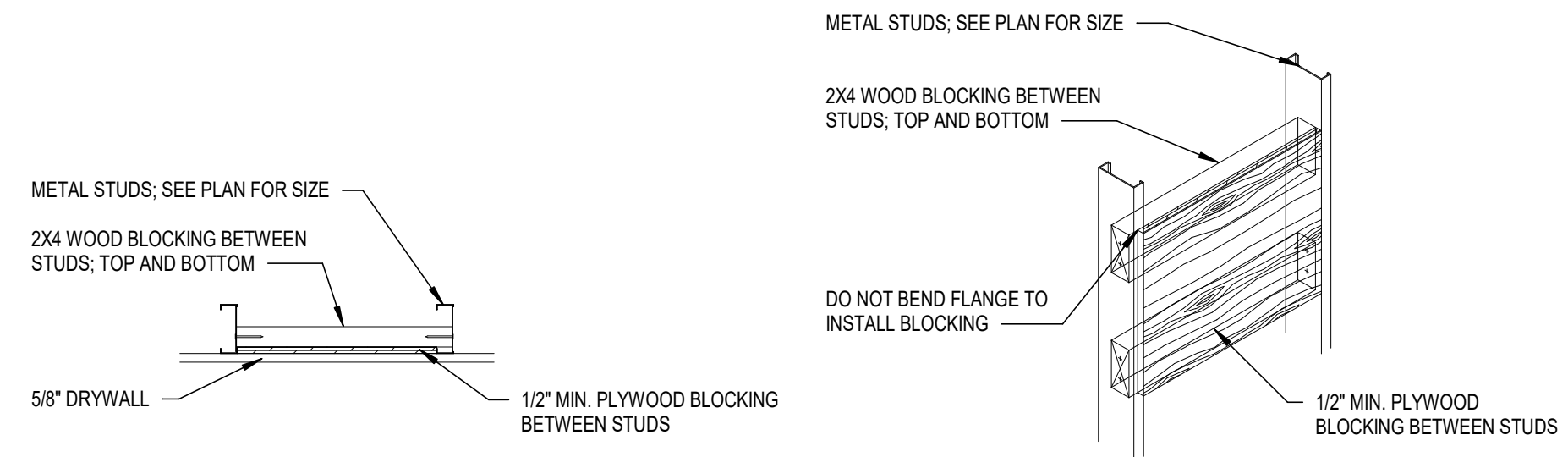
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ARCHITECT 0010829

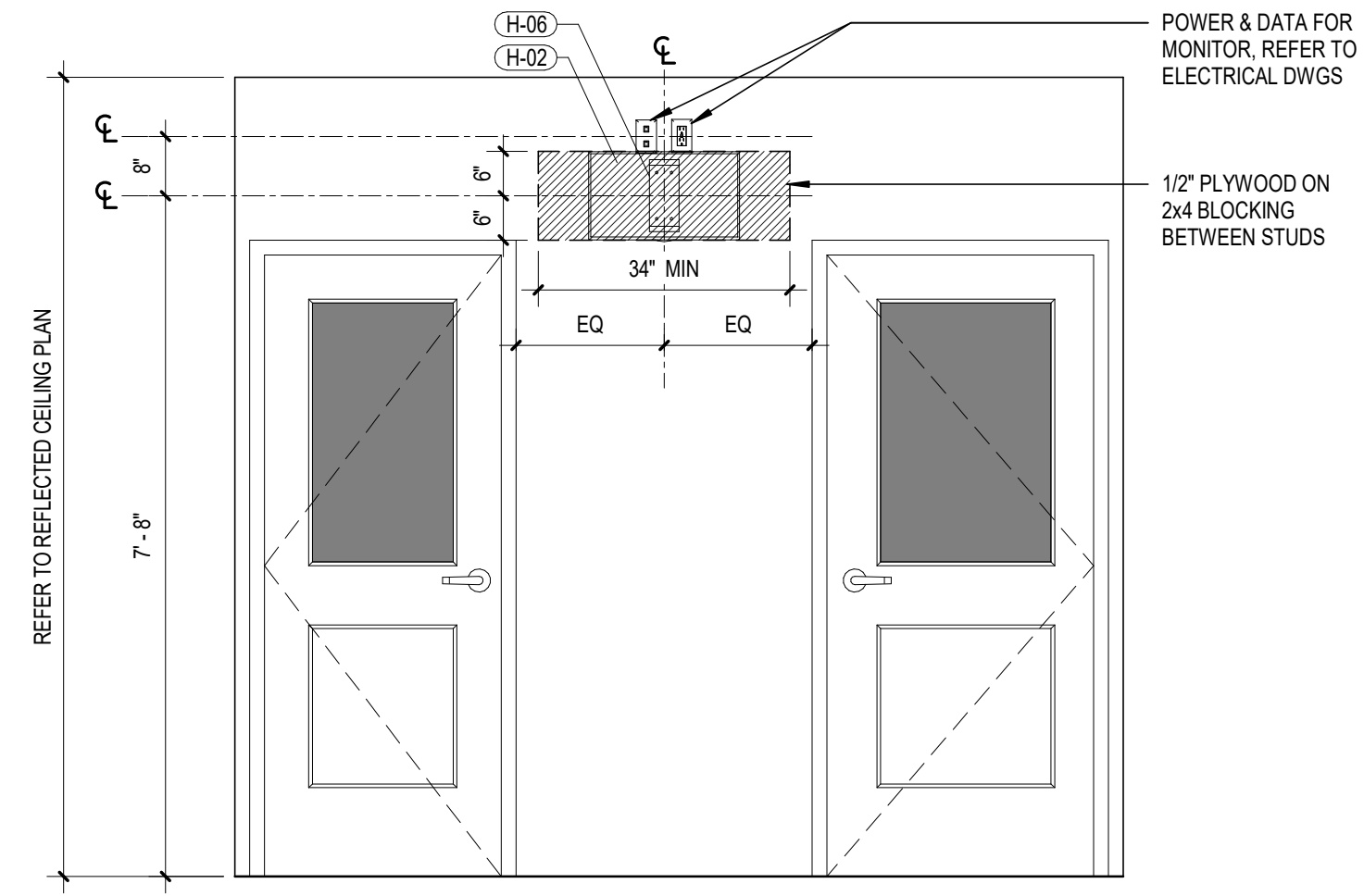
A513
Project Date: 1/31/23
Project No.: 223001

GENERAL NOTES

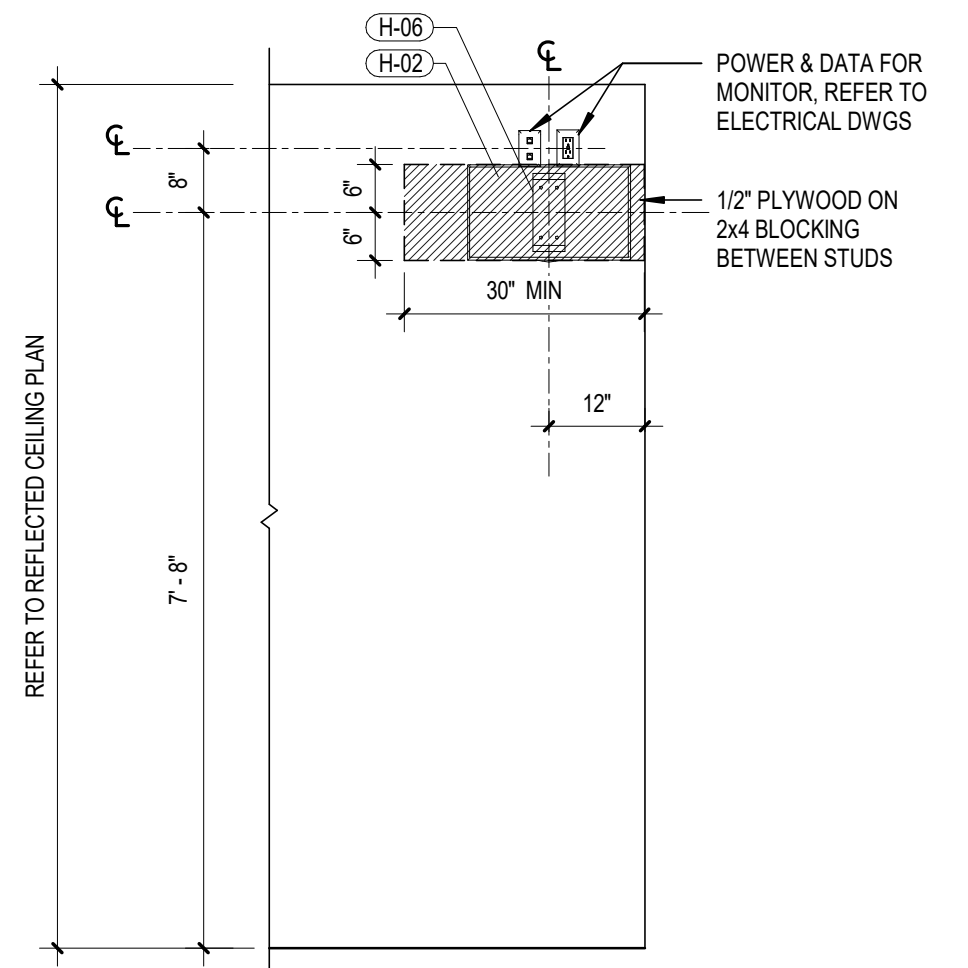
1. ALL BLOCKING TO BE FIRE RETARDANT TREATED
2. ALL BLOCKING BY GENERAL CONTRACTOR, UNLESS NOTED OTHERWISE. COORDINATE FINAL LOCATION OF BLOCKING WITH DENTAL EQUIPMENT AND PLUMBING FIXTURES.
3. ALL BLOCKING TO BE 2X WOOD UNLESS NOTED OTHERWISE.
4. ALL BLOCKING TO BE BETWEEN STUDS. COORDINATE EXACT LOCATION WITH PLANS AND ELEVATIONS



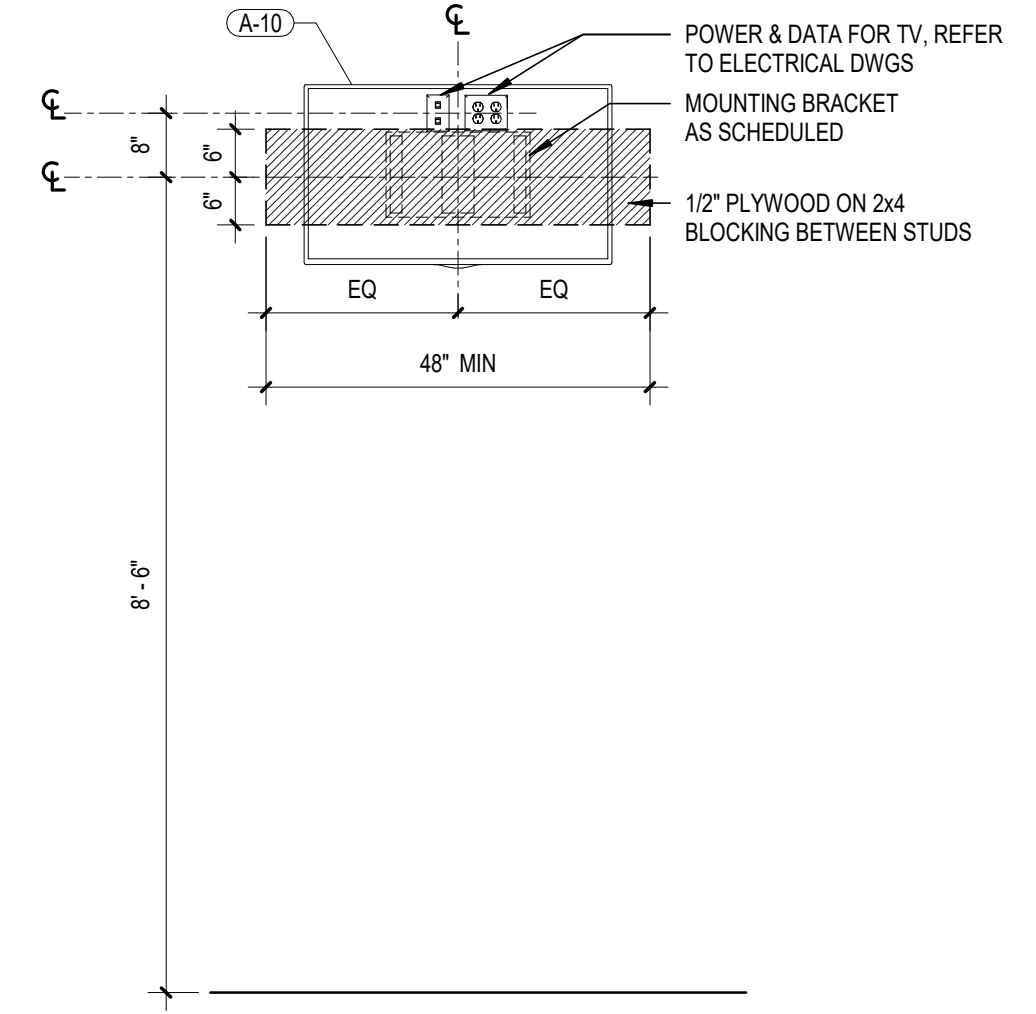
14
A521
DETAIL @ TYPICAL PLYWOOD BLOCKING
1/2" = 1'-0"



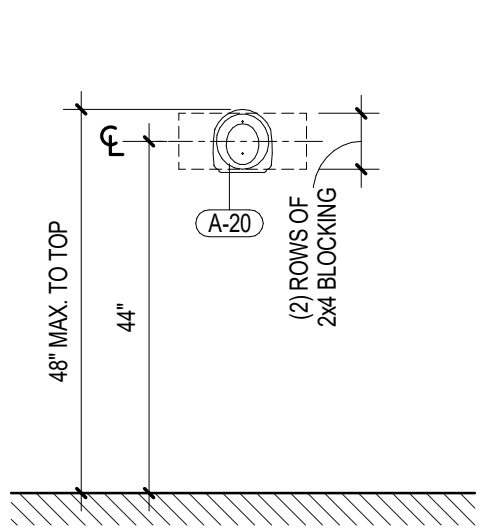
13
A521
MONITOR (H-02) @ TREATMENT SUITE
1/2" = 1'-0"



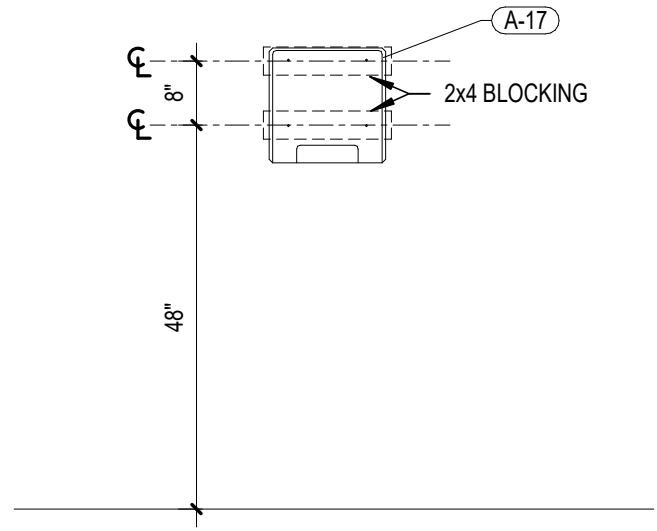
12
A521
MONITOR (H-02) @ TREATMENT ROOM
1/2" = 1'-0"



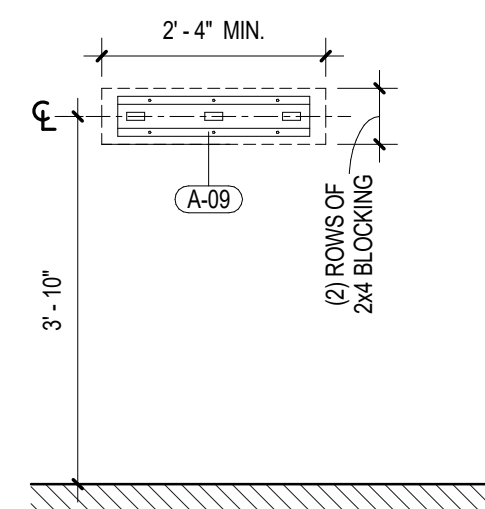
11
A521
TELEVISION (A-10)
1/2" = 1'-0"



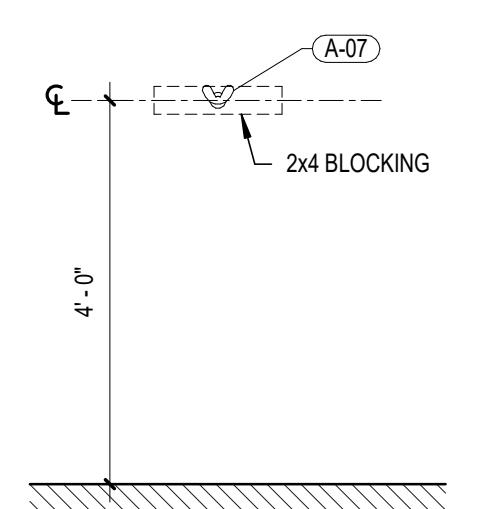
10
A521
AED DEFIBRILLATOR (A-20)
1/2" = 1'-0"



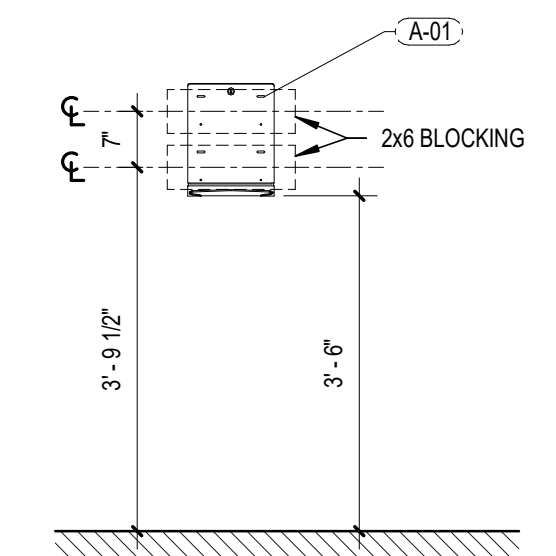
9
A521
HAND DRYER (A-17)
1/2" = 1'-0"



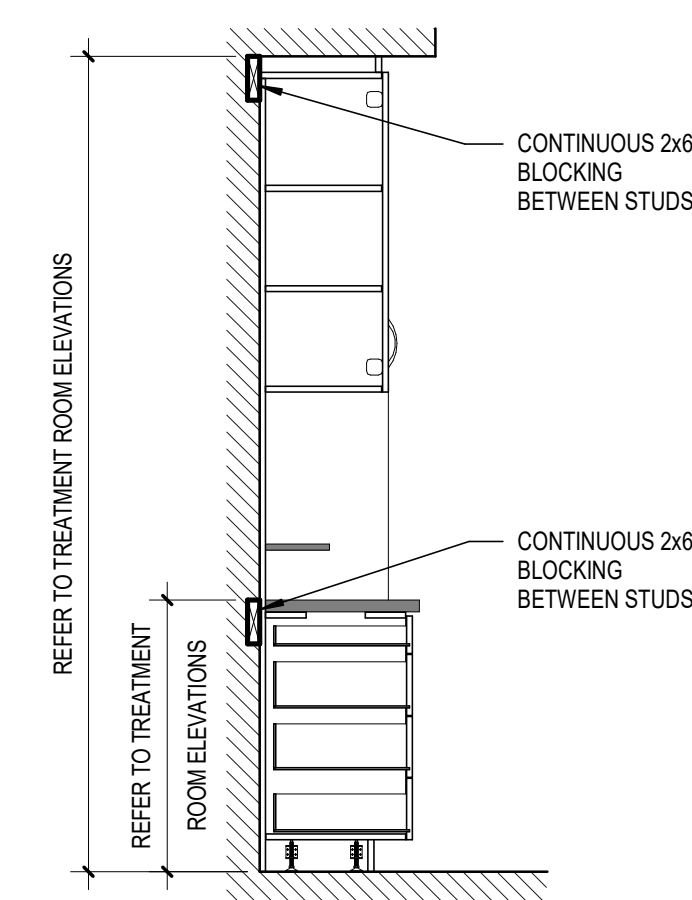
8
A521
MOP / BROOM HOLDER (A-09)
1/2" = 1'-0"



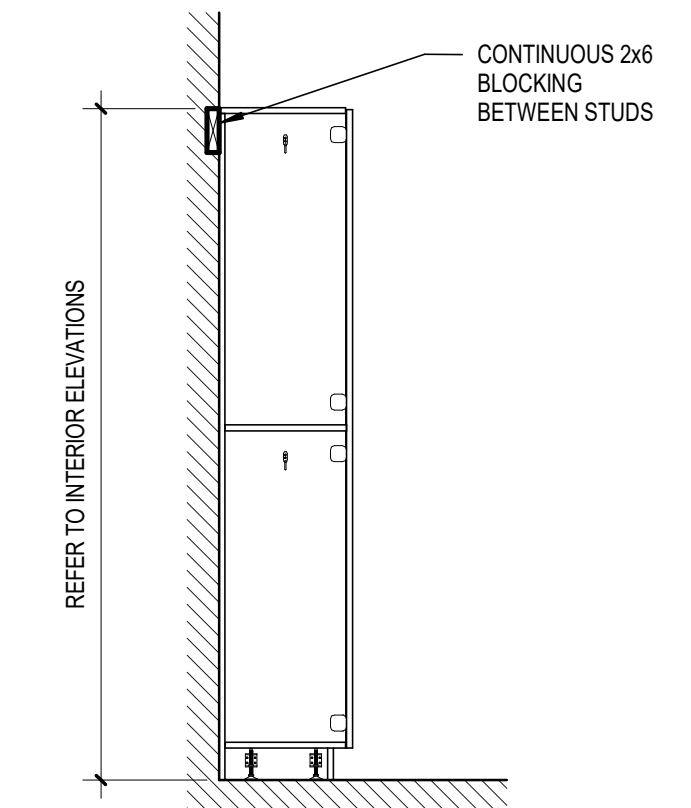
7
A521
COAT HOOK (A-07)
1/2" = 1'-0"



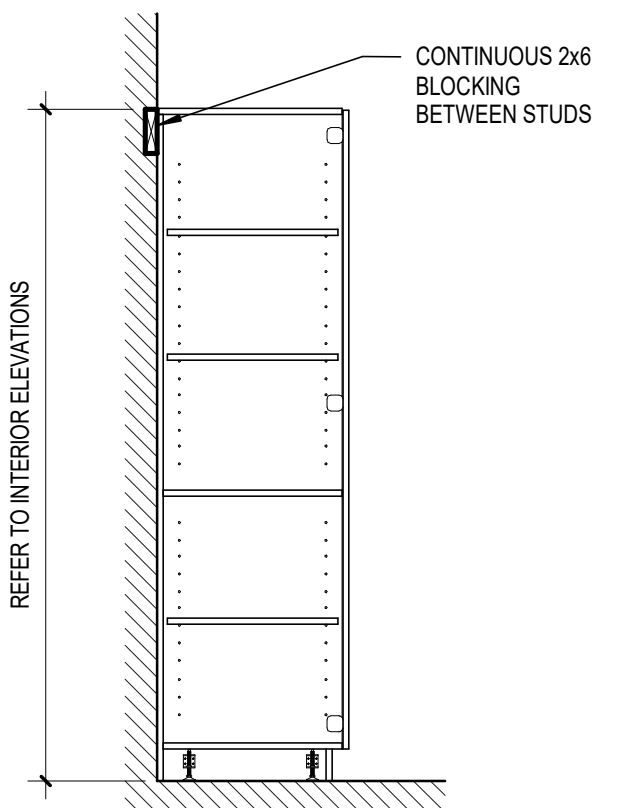
6
A521
PAPER TOWEL HOLDER (A-01)
1/2" = 1'-0"



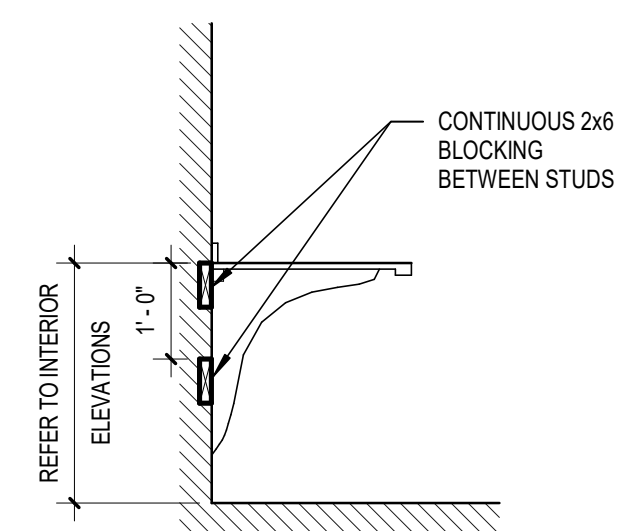
5
A521
TX RM 12-O'CLOCK CASEWORK
1/2" = 1'-0"



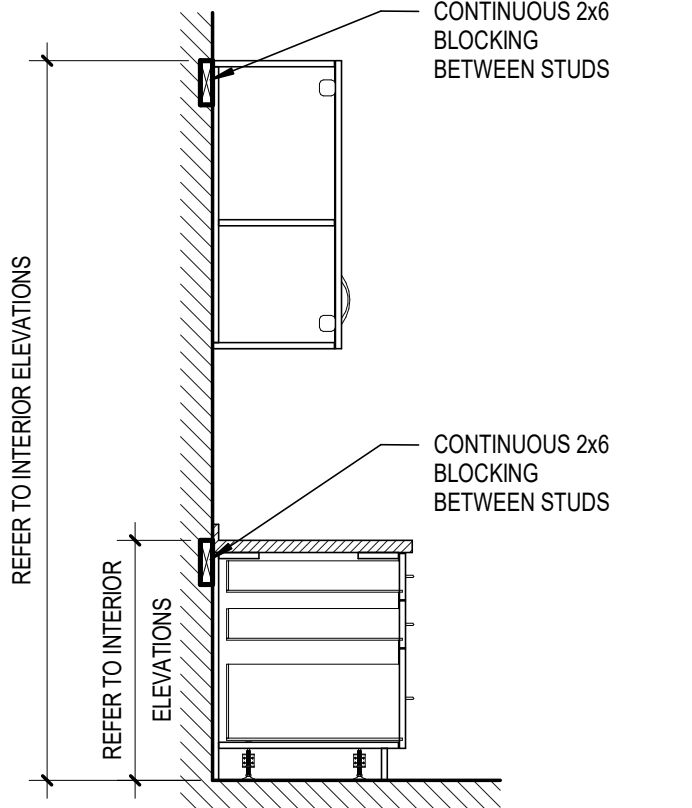
4
A521
EMPLOYEE LOCKERS
1/2" = 1'-0"



3
A521
FULL HEIGHT CABINETS
1/2" = 1'-0"



2
A521
COUNTER SUPPORT BRACKET
1/2" = 1'-0"



1
A521
BASE & UPPER CABINETS
1/2" = 1'-0"

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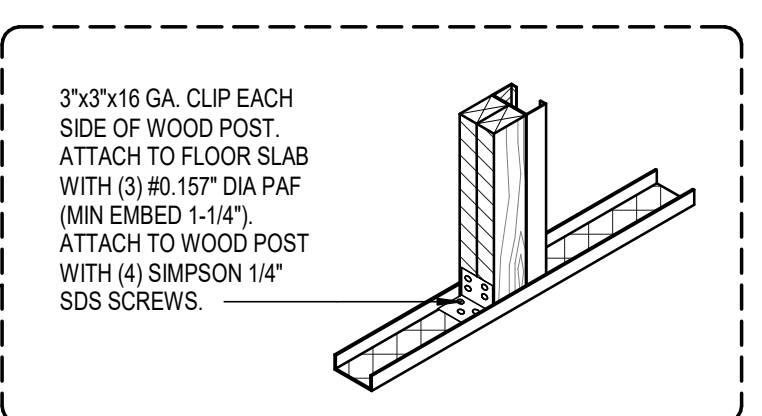
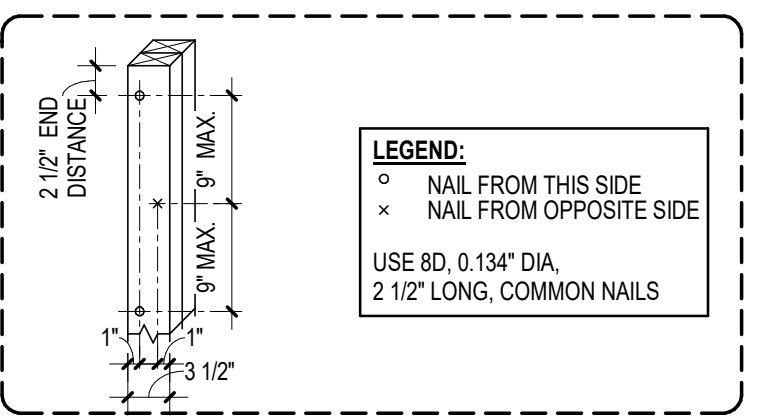
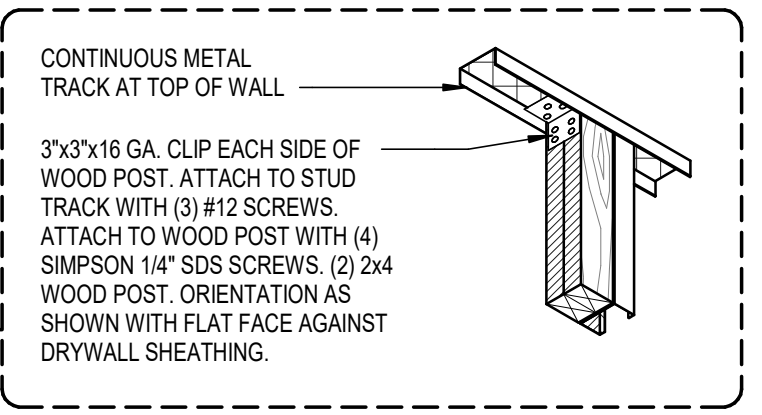
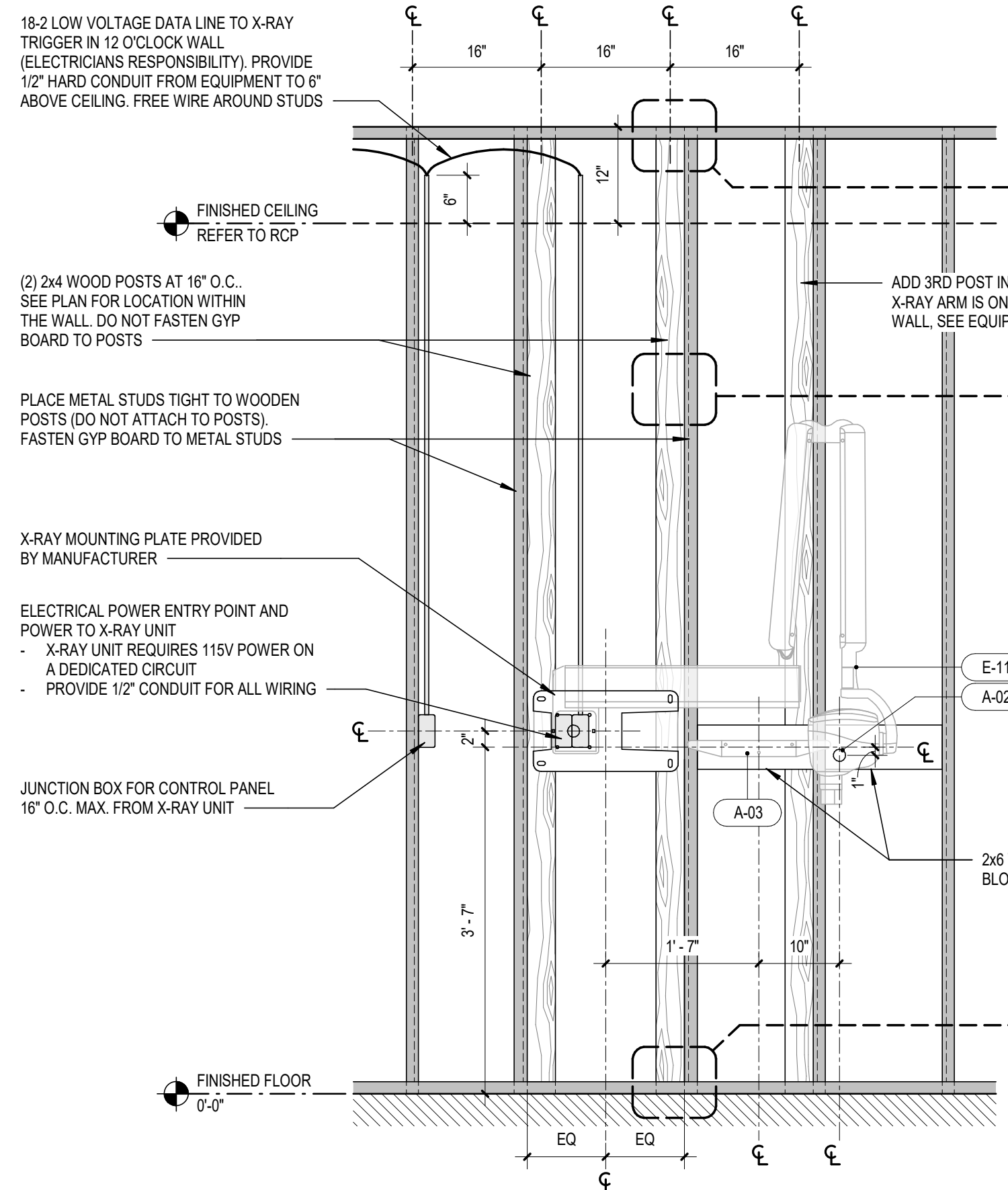
BLOCKING DETAILS
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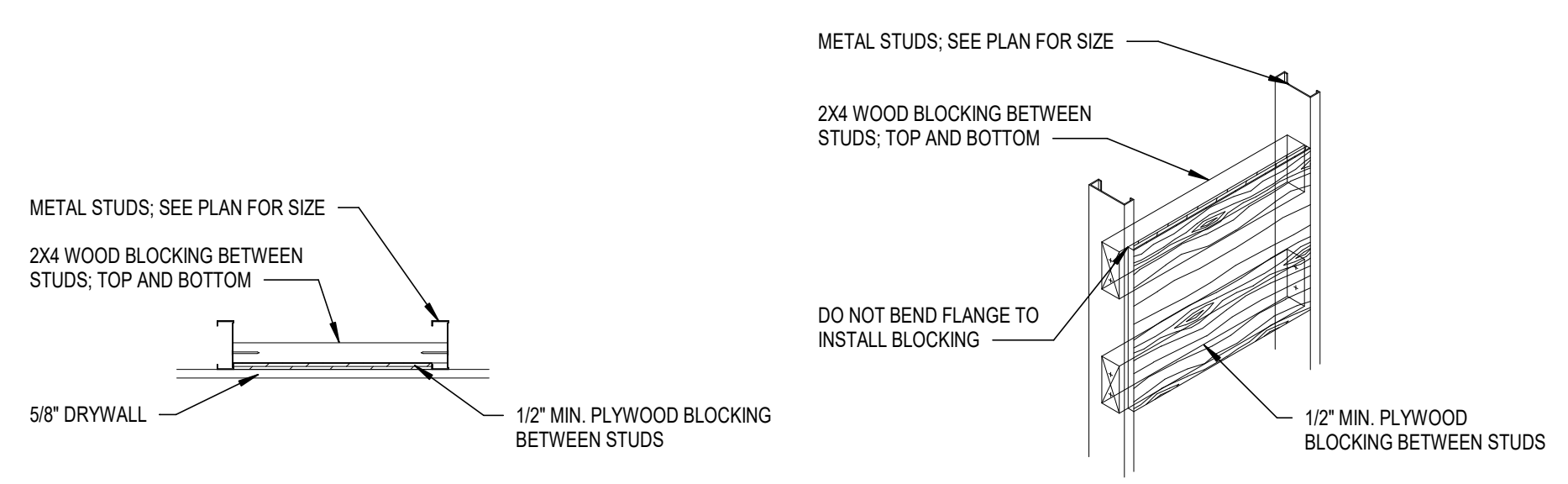
A521
 Project Date: 1/31/23
 Project No.: 223001



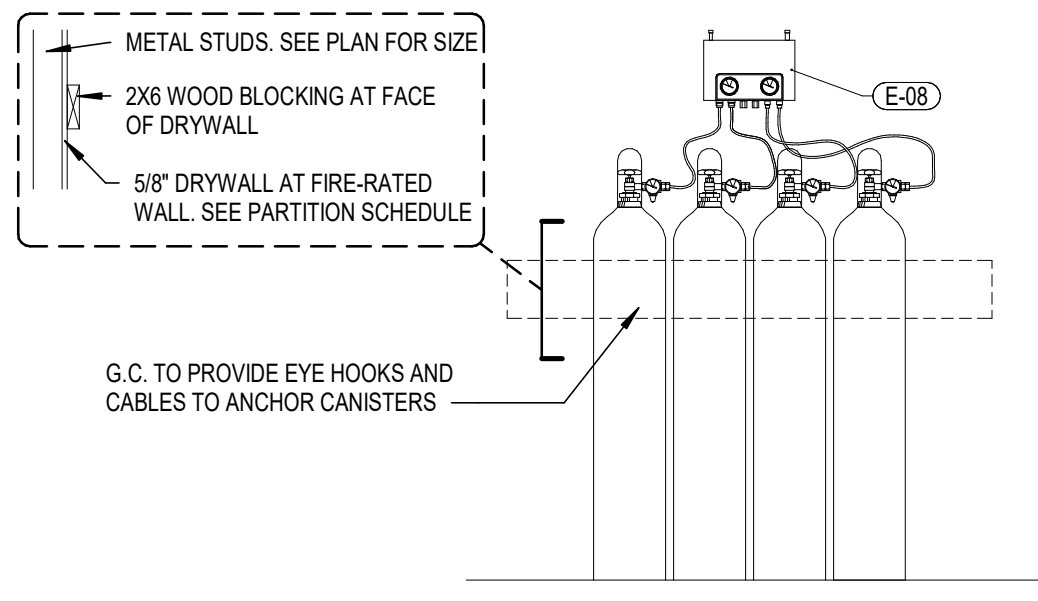
LEGEND:
 ○ NAIL FROM THIS SIDE
 × NAIL FROM OPPOSITE SIDE
 USE 8D, 0.134\"/>

GENERAL NOTES

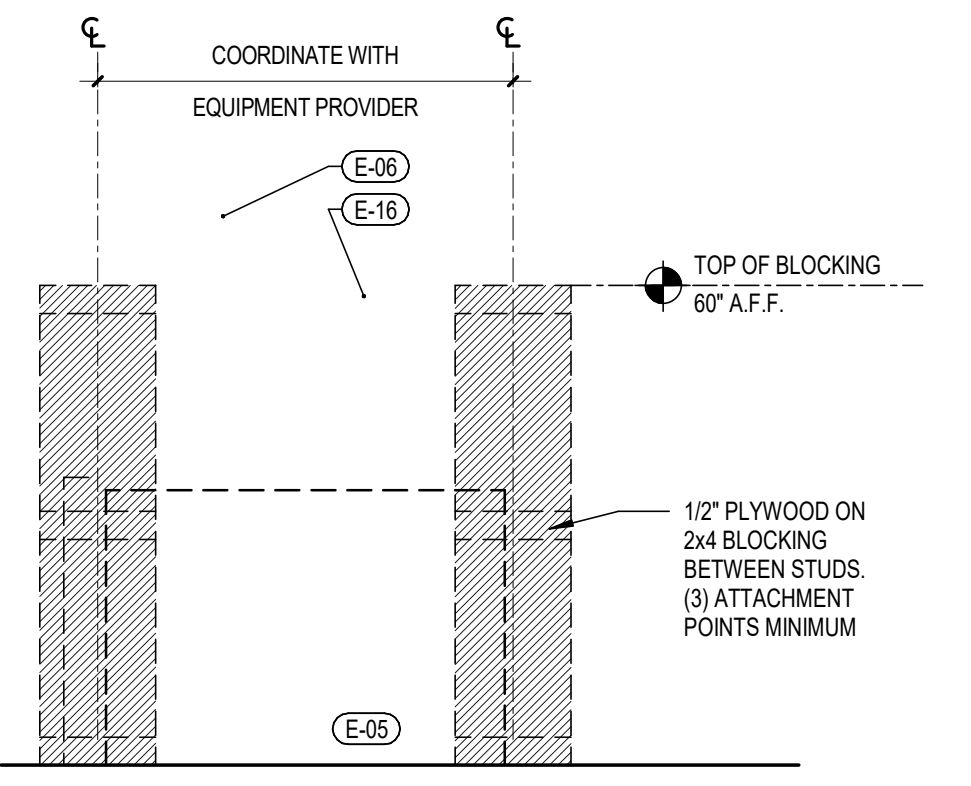
1. ALL BLOCKING TO BE FIRE RETARDANT TREATED
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3. ALL BLOCKING TO BE 2X WOOD UNLESS NOTED OTHERWISE.
4. ALL BLOCKING TO BE BETWEEN STUDS. COORDINATE EXACT LOCATION WITH PLANS AND ELEVATIONS



14 PLYWOOD BLOCKING
 A522 1/2" = 1'-0"

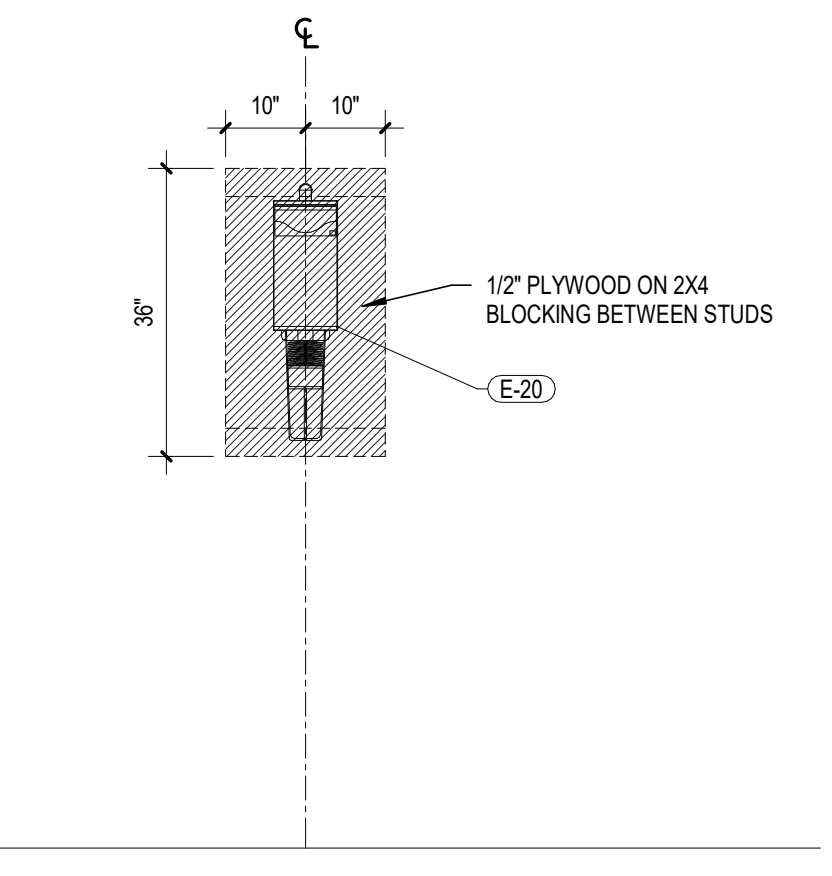
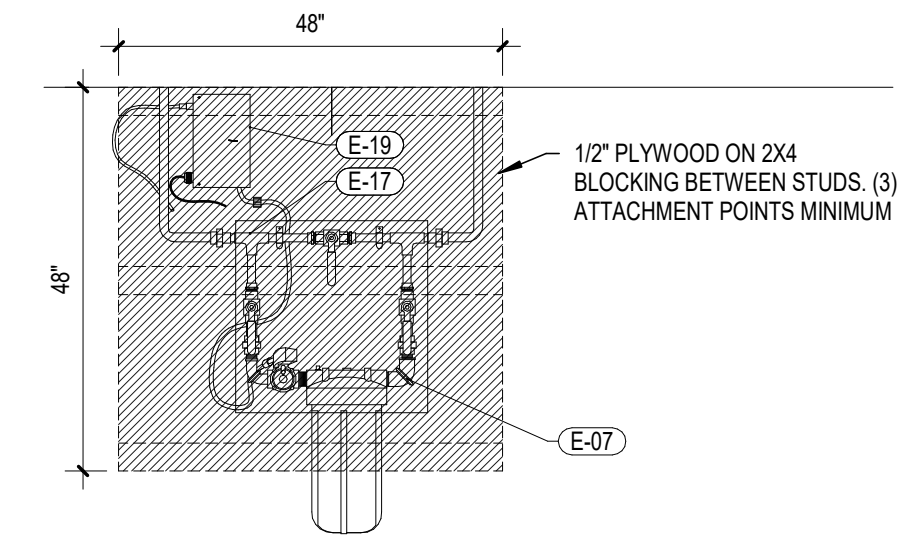


12 MEDICAL GAS ANCHORING
 A522 1/2" = 1'-0"

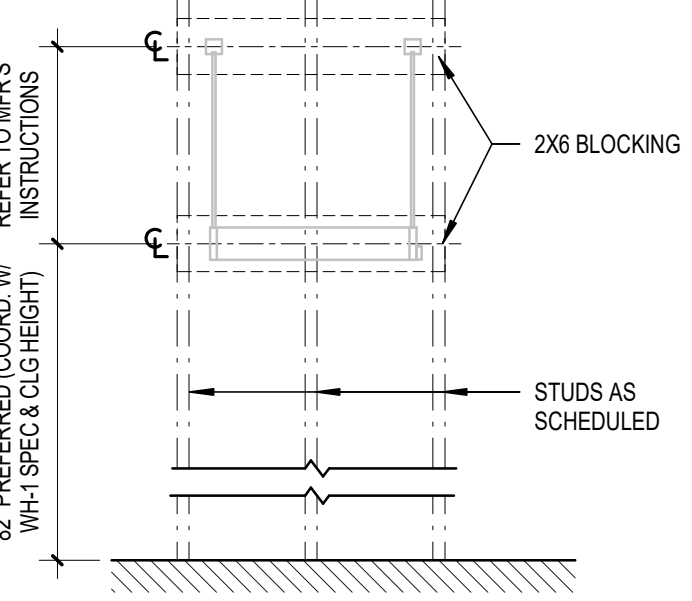


11 EQUIPMENT STACK
 A522 1/2" = 1'-0"

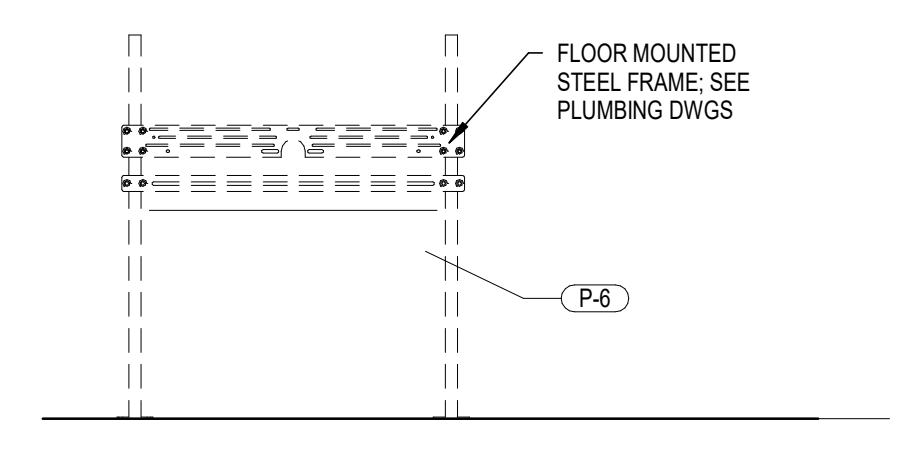
13 X-RAY SUPPORT (E-11) & LEAD APRON HANGER (A-03)
 A522 3/4" = 1'-0"



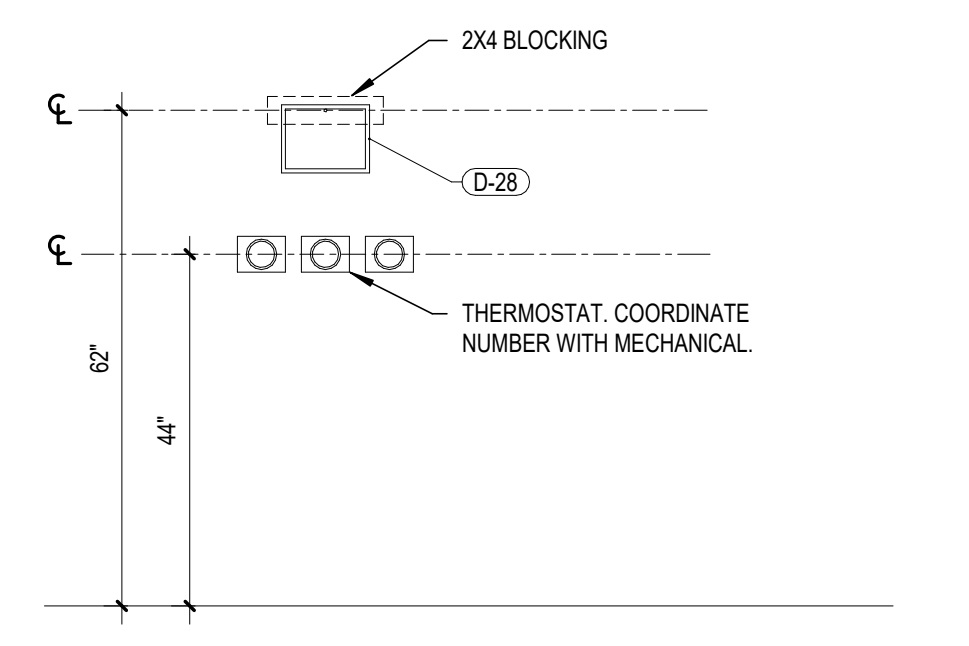
9 AMALGAM SEPARATOR (E-20)
 A522 1/2" = 1'-0"



8 WATER HEATER SUPPORT
 A522 1/2" = 1'-0"

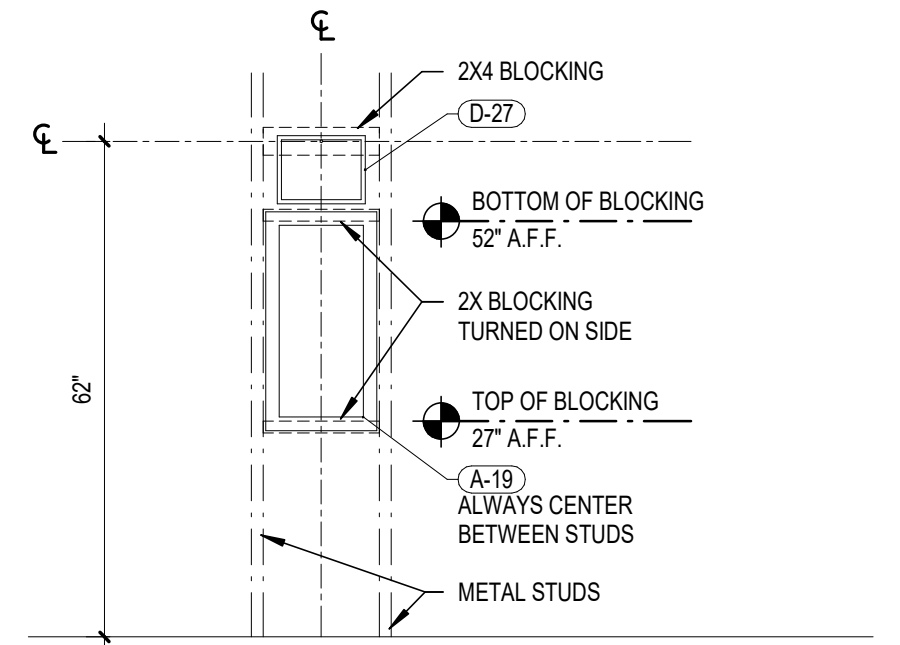


7 DRINKING FOUNTAIN
 A522 1/2" = 1'-0"

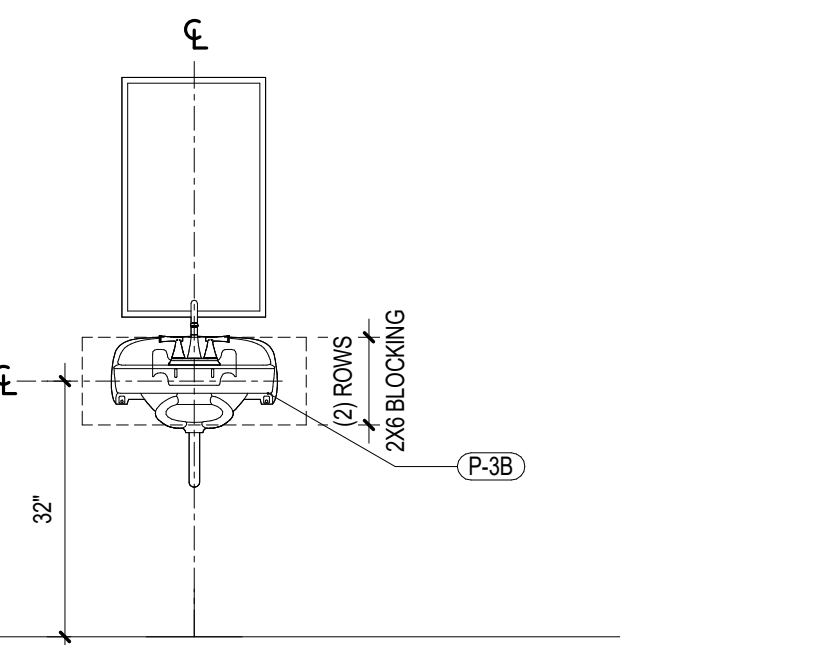


6 THERMOSTATS AND HVAC ZONING
 A522 1/2" = 1'-0"

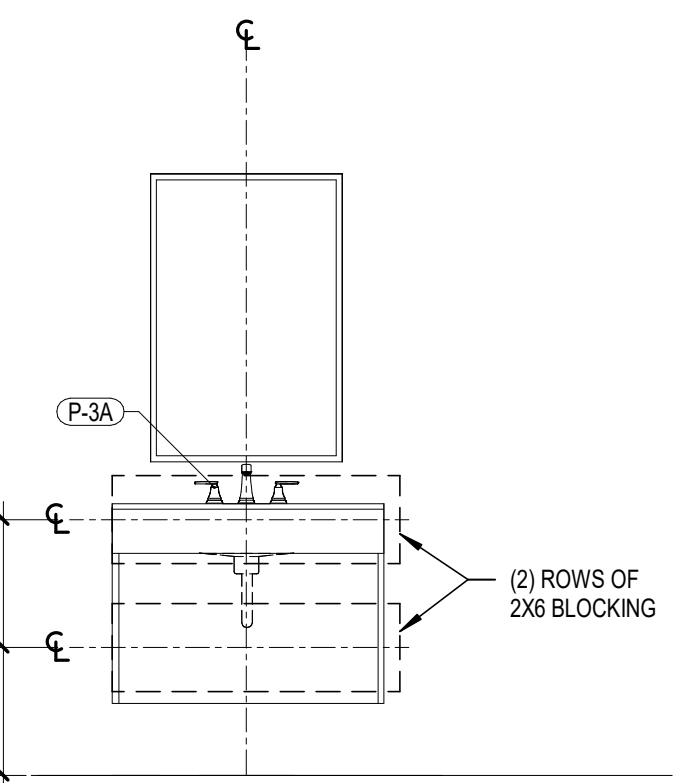
10 WATER FILTRATION SYSTEM
 A522 1/2" = 1'-0"



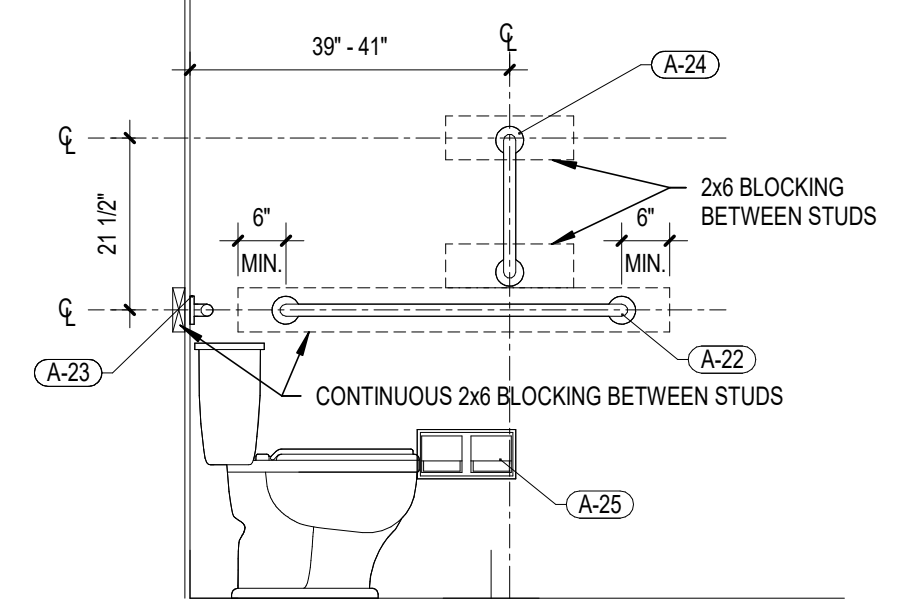
5 EXTINGUISHER AND EXIT PLAN
 A522 1/2" = 1'-0"



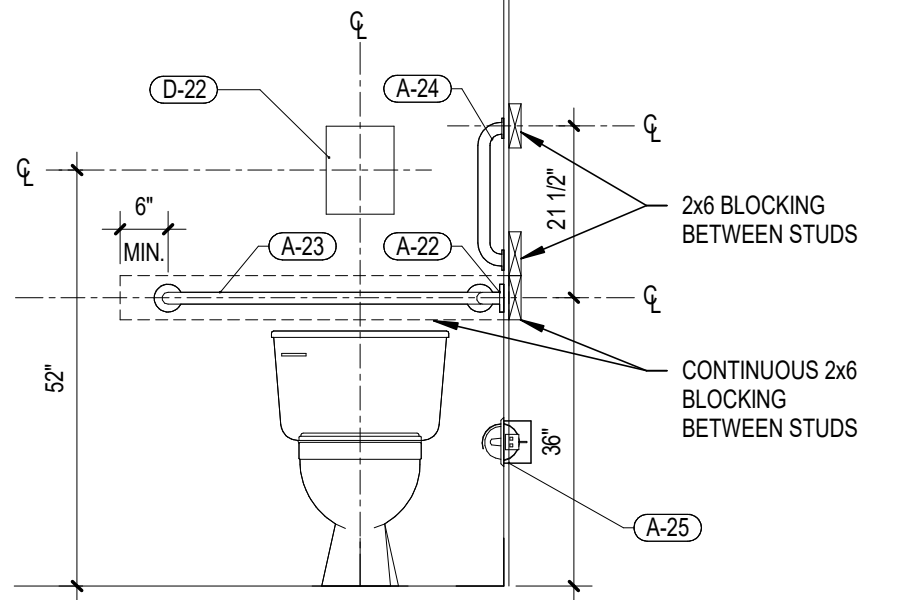
4 STAFF RESTROOM WALL MOUNTED SINK
 A522 1/2" = 1'-0"



3 PUBLIC RESTROOM SINK
 A522 1/2" = 1'-0"



2 WATER CLOSET ACCESSORIES
 A522 1/2" = 1'-0"



1 WATER CLOSET ACCESSORIES
 A522 1/2" = 1'-0"

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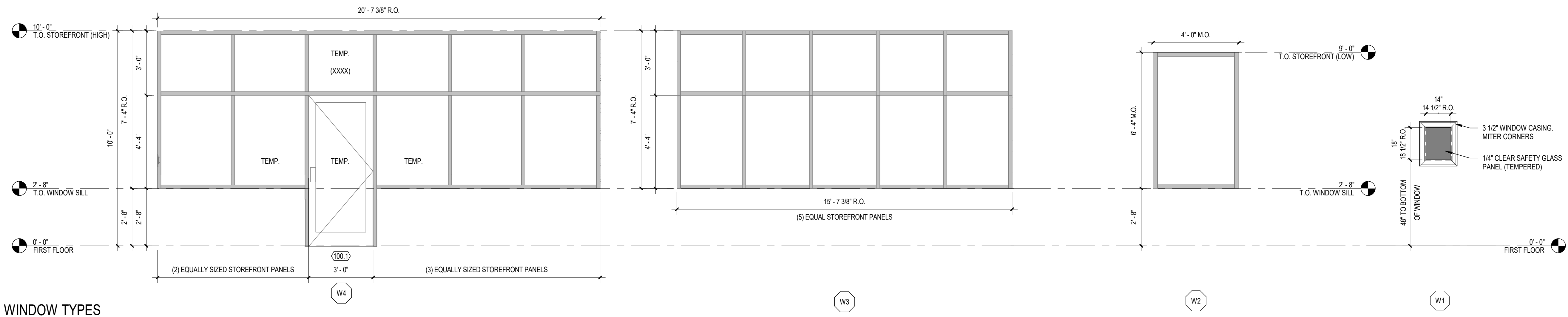
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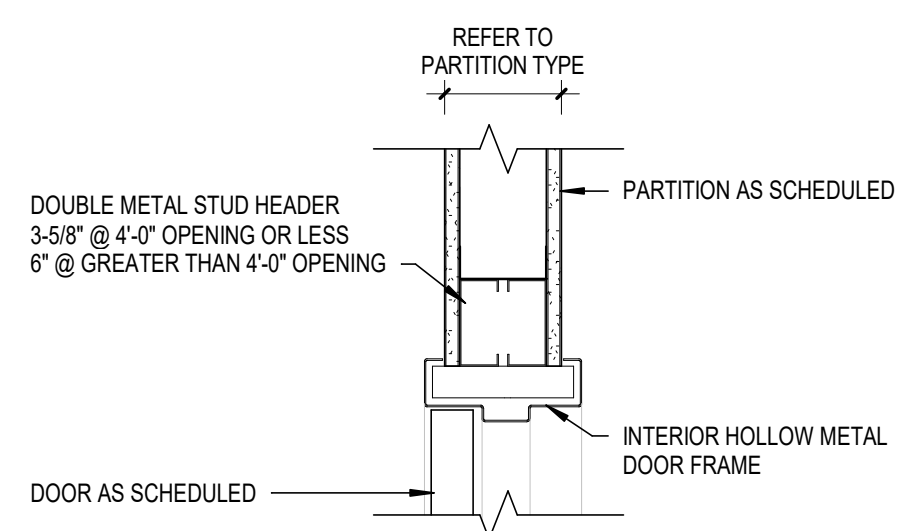
REVISIONS:	

WILLIAM JOE FISHER
 ARCHITECT 0010829
A522

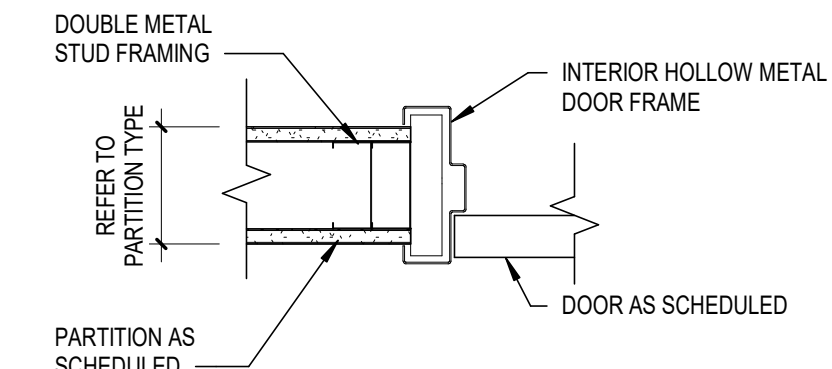
Project Date: 1/31/23
 Project No.: 223001



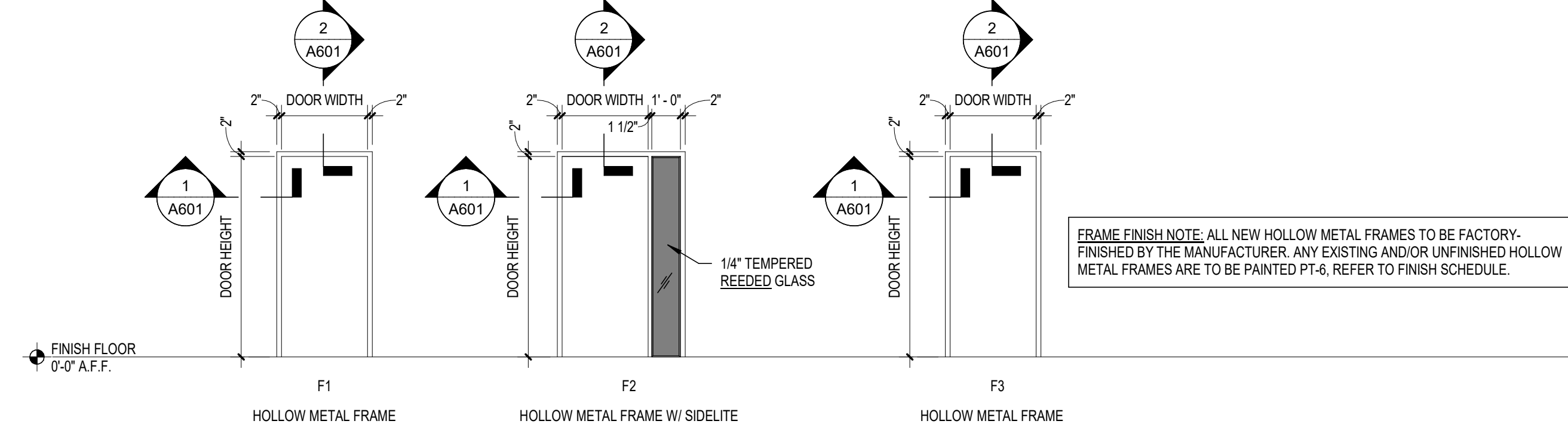
WINDOW TYPES
NO SCALE



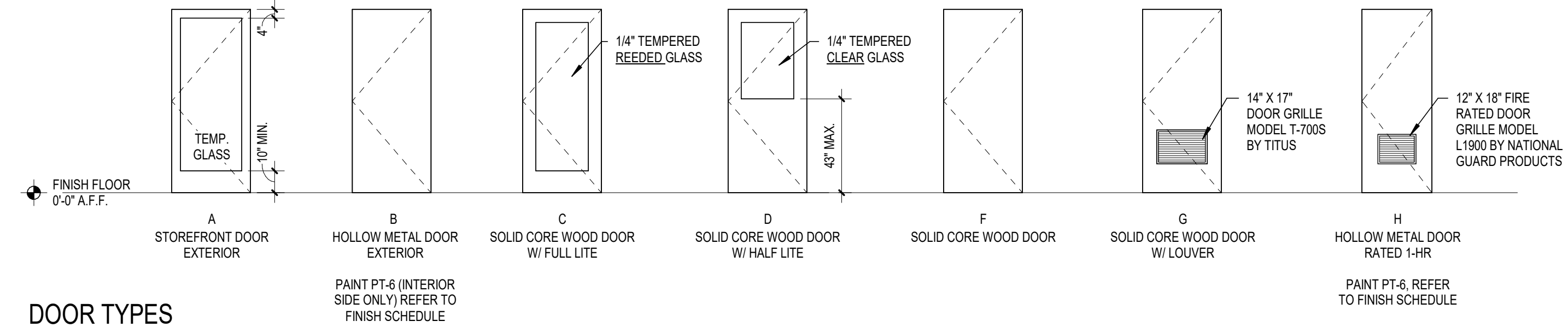
2 TYPICAL INTERIOR DOOR HEAD @ H.M. FRAME
1 1/2" x 1'-0"



1 TYPICAL INTERIOR DOOR JAMB @ H.M. FRAME
1 1/2" x 1'-0"



FRAME TYPES
NO SCALE



DOOR TYPES
NO SCALE

GENERAL NOTES:

- ALL EXTERIOR DOOR LOCKS SHALL COMPLY WITH FPFC 7TH EDITION INCLUDING NFPA 1 & 101, 2018 EDITION. THUMB TURN LOCKS TO COMPLY WITH EXCEPTION #2. INDICATING LOCKS ARE REQUIRED ON ALL ENTRANCE DOOR INTERIORS.
- THE PROJECT COMPLIES WITH THE ADA ACCESSIBILITY CODE FOR BUILDING CONSTRUCTION.
- (XXX) DENOTES BUILDING ADDRESS. VERIFY ADDRESS AND INSTALL VINYL NUMBERS IN SIZE AND COLORS SPECIFIED BY LOCAL BUILDING DEPARTMENT.
- VERIFY ALL DIMENSIONS IN FIELD. DO NOT SCALE DRAWINGS.
- ALL REAR EXITS TO HAVE A CONTROL JOINT IN SLAB @ THRESHOLD.
- ALL DOORS & OTHER OPENINGS, SIZE, QUANTITY, LOCATION & SPECIFICATION TO BE COORDINATED WITH OWNER'S CONSTRUCTION REPRESENTATIVE PRIOR TO CONSTRUCTION.
- ALL ALUMINUM GLAZING SYSTEM FRAMES TO BE CLEAR ANODIZED ALUMINUM.
- ALL ALUMINUM GLAZING SYSTEM FRAMES TO BE NON-IMPACT, INSULATED.
- ALL EXTERIOR GLASS SHALL BE SOLARSREEN 1/4" CLEAR TEMPERED WITH LOW-E COATING ON #2 SIDE. 1/2" SPACER, 1/4" CLEAR, .090 PVB INTERLAYER, 1/4" CLEAR. MINIMUM DESIGN VALUES SHALL BE: SHGC 0.30, U-VALUE 0.45

DOOR SCHEDULE

DOOR NO.	ROOM NAME	ROOM NO.	WIDTH	HEIGHT	THICKNESS	DOOR MATERIAL	DOOR TYPE	FRAME MATERIAL	FRAME TYPE	HARDWARE SET	RATING	COMMENTS
100.1	WAITING	100	3'-0"	7'-0 3/8"	1 3/4"	ALUMINIUM	A	ALUMINIUM	F1	1		KEY TO MASTER
100.2	WAITING	100	3'-0"	7'-0"	1 3/4"	S.C. WOOD/GLAZING	C	HOLLOW METAL	F2	4		CLOSER
101.1	HALLWAY	101A	3'-0"	7'-0"	1 3/4"	HOLLOW METAL	B	HOLLOW METAL	F1	2		PAINT, KEY TO MASTER WITH DOOR GRILLE
103.1	I.T. CLOSET	103	3'-0"	7'-0"	1 3/4"	S.C. WOOD	G	HOLLOW METAL	F1	7		
104.1	OFFICE	104	3'-0"	7'-0"	1 3/4"	S.C. WOOD/GLAZING	C	HOLLOW METAL	F1	3		
106.1	MENS RR	106	3'-0"	7'-0"	1 3/4"	S.C. WOOD	L	HOLLOW METAL	F1	5		CLOSER
107.1	WOMENS RR	107	3'-0"	7'-0"	1 3/4"	S.C. WOOD	L	HOLLOW METAL	F1	5		CLOSER
108.1	SUPPLY CLOSET	108	3'-0"	7'-0"	1 3/4"	S.C. WOOD	L	HOLLOW METAL	F1	4		
120.1	TREATMENT SUITE 1	120	2'-8"	7'-0"	1 3/4"	S.C. WOOD/GLAZING	D	HOLLOW METAL	F1	4		
120.2	TREATMENT SUITE 1	120	3'-0"	7'-0"	1 3/4"	S.C. WOOD/GLAZING	D	HOLLOW METAL	F1	4		
121.1	TREATMENT SUITE 2	121	2'-8"	7'-0"	1 3/4"	S.C. WOOD/GLAZING	D	HOLLOW METAL	F1	4		
121.2	TREATMENT SUITE 2	121	3'-0"	7'-0"	1 3/4"	S.C. WOOD/GLAZING	D	HOLLOW METAL	F1	4		
122.1	EQUIPMENT	122	3'-0"	7'-0"	1 3/4"	S.C. WOOD	L	HOLLOW METAL	F1	4		CLOSER
123.1	LAUNDRY	123	3'-0"	7'-0"	1 3/4"	S.C. WOOD	L	HOLLOW METAL	F1	4		CLOSER
124.1	STAFF RESTROOM	124	3'-0"	7'-0"	1 3/4"	S.C. WOOD	L	HOLLOW METAL	F1	5		CLOSER
125.1	BREAKROOM	125	3'-0"	7'-0"	1 3/4"	S.C. WOOD	L	HOLLOW METAL	F1	4		
125.2	BREAKROOM	125	3'-0"	7'-0"	1 3/4"	EXISTING	B	EXISTING	EX	EX		PAINT, KEY TO MASTER
128.1	MED GAS	128	2'-8"	7'-0"	1 3/4"	HOLLOW METAL	H	HOLLOW METAL	F3	6	1 HR	1 HR F.R. DOOR & FRAME, SMOKE SEAL, CLOSER

HARDWARE SETS

<p>SET NO. 1 - FOR EACH ALUMINUM ENTRANCE DOOR:</p> <ul style="list-style-type: none"> 1 CYLINDER 1 DEADLOCK 1 SET OFFSET HINGES 1 CLOSER 1 HEAD & SILL SWEEP 1 THRESHOLD 1 SET PUSH/PULL 1 SET WEATHERSTRIPPING 	<p>SET NO. 5 - PRIVACY SET</p> <ul style="list-style-type: none"> 1 PRIVACY-FUNCTION LOCKSET 3 HINGES 1 WALL STOP 3 SILENCERS 1 CLOSER
<p>SET NO. 2 - FOR EACH EXTERIOR HOLLOW METAL DOOR:</p> <ul style="list-style-type: none"> 1 LOCKSET 3 HINGES 1 SET WEATHERSTRIPPING 1 HEAD & SILL SWEEP 1 THRESHOLD 1 CLOSER 	<p>SET NO. 6 - RATED - OFFICE LOCKSET:</p> <ul style="list-style-type: none"> 1 LOCKSET 3 HINGES 1 WALL STOP 3 SILENCERS 1 CLOSER
<p>SET NO. 3 - OFFICE LOCKSET</p> <ul style="list-style-type: none"> 1 OFFICE-FUNCTION LOCKSET 3 HINGES 1 WALL STOP 3 SILENCERS 	<p>SET NO. 7 - ELECTRONIC LOCKSET:</p> <ul style="list-style-type: none"> 1 ELECTRONIC LOCKSET 1 LOCKSET CYLINDER 3 HINGES 1 WALL STOP 3 SILENCERS
<p>SET NO. 4 - PASSAGE SET</p> <ul style="list-style-type: none"> 1 PASSAGE-FUNCTION LOCKSET 3 HINGES 1 WALL STOP 3 SILENCERS 	
<p>SEE SCHEDULE</p> <ul style="list-style-type: none"> 1 CLOSER 	

DOOR AND HARDWARE NOTES:

- PROVIDE ADA AND EGRESS DOOR HARDWARE AS REQUIRED BY CODE. ALL DOOR HARDWARE TO COMPLY WITH APPLICABLE BUILDING AND ACCESSIBILITY CODES.
- DOOR SUPPLIER TO PROVIDE FINAL HARDWARE AND KEYING SCHEDULE TO OWNER FOR APPROVAL.
- ALL HARDWARE FINISHES TO BE 626 SATIN CHROMIUM PLATED (US260) UNLESS NOTED OTHERWISE.
- WHERE A FIRE-RATED WALL IS REQUIRED, THE DOOR & FRAME SHALL BE FIRE-RATED EQUAL TO THAT OF THE WALL. SEE FLOOR PLAN FOR LABELED WALLS.
- FLUSH BOLTS TO BE HAGER #282D
- KEYING:
 - 6 - EX - EXIT DOORS ON TENANT SPACE TO BE KEYED ON MASTER SYSTEM. SAME KEY BOTH DOORS.
 - 2 - INT. DOORS CAN BE SEPARATE KEYS
 - 3 - MASTER KEYS - ALL DOORS

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DOOR SCHEDULE AND DETAILS
HEARTLAND DENTAL
WINTER GARDEN
AVALON & MARSH RD
WINTER GARDEN, FL 34787

RELEASED FOR:
BID 12.11.23
PERMIT
CONSTR.

REVISIONS:

NO.	DATE	DESCRIPTION

WILLIAM JOE FISHER
ARCHITECT 0010829

A601
Project Date: 1/31/23
Project No.: 223001

081100 CONTIN.

1.4 DELIVERY, STORAGE, AND HANDLING

- A. Deliver doors and frames cardboard-wrapped or crated to provide protection during transit and job storage.
B. Inspect doors and frames on delivery for damage. Minor damages may be repaired provided refinished items match new work and are acceptable to Architect; otherwise, remove and replace damaged items as directed.

2.0 PRODUCTS

2.1 MANUFACTURERS

- A. Available Manufacturers: Subject to compliance with requirements, manufacturers offering products that may be incorporated in the Work include, but are not limited to, the following:
1. Steel Doors and Frames:
a. Armet Building Products, Inc.;
b. Caco Door Products;
c. Republic Builders Products;
d. Steelcraft

2.2 MATERIALS

- A. Hot-Rolled Steel Sheets and Strip: Commercial-quality carbon steel, pickled and oiled, complying with ASTM A 569.
B. Cold-Rolled Steel Sheets: Carbon steel complying with ASTM A 368, commercial quality, or ASTM A 620.
C. Supports and Anchors: Fabricated from not less than 18 gage thick steel sheet.
2.3 DOORS
A. Steel Doors: Provide 1-3/4-inch thick doors of materials and ANS/SDI 100 grades and model specified below:
1. Exterior Doors: Grade II, heavy-duty, Model 2, seamless design, minimum 0.0516-inch thick galvanized steel sheet faces.
2.4 FRAMES
A. Provide metal frames for doors, transoms, sidelights, borrowed lights, and other openings, according to ANS/SDI 100. Fabricate frames of minimum 0.0478-inch thick cold-rolled steel sheet.
B. Fabricate frames with mitered or coped and continuously welded corners.
C. Door Silencers: Except on weather-stripped frames, drill stops to receive 3 silencers on strike jambs of single-door frames and 2 silencers on heads of double-door frames.
2.5 FABRICATION
A. Exposed Fasteners: Unless otherwise indicated, provide countersunk flat or oval heads for exposed screws and bolts.
B. Thermal-Rated (Insulating) Assemblies: At exterior locations and elsewhere as shown or scheduled, provide doors fabricated as thermal-insulating door and frame assemblies.
C. Hardware Preparation: Prepare doors and frames to receive mortised and concealed hardware according to final door hardware schedule and templates provided by hardware supplier. Comply with applicable requirements of SDI 107 and ANSI A115 Series specifications for door and frame preparation for hardware.
D. Reinforce doors and frames to receive surface-applied hardware. Drilling and tapping for surface-applied hardware may be done at Project site.
E. Locate hardware as indicated on Shop Drawings or, if not indicated, according to the Door and Hardware Institute's (DHI) "Recommended Locations for Architectural Hardware for Standard Steel Doors and Frames."
2.7 FINISHES, GENERAL
A. Apply primers and organic finishes to doors and frames after fabrication:
2.8 STEEL SHEET FINISHES
A. Factory priming for Field-Painted Finish: Apply shop primer that complies with ANSI A224.1 acceptance criteria, is compatible with finish paint systems indicated, and has capability to provide a sound foundation for field-applied topcoats. Apply primer immediately after surface preparation and pretreatment.
3.1 EXECUTION
3.2 INSTALLATION
A. Install steel doors, frames, and accessories according to Shop Drawings, manufacturer's data, and as specified.
B. Placing Frames: Comply with provisions of SDI 105, unless otherwise indicated. Set frames accurately in position, plumb, aligned, and braced securely until permanent anchors are set. After wall construction is completed, remove temporary braces and spreaders, leaving surfaces smooth and undamaged.
C. In masonry construction, install at least 3 wall anchors per jamb adjacent to hinge location on hinge jamb and at corresponding heights on strike jamb. Acceptable anchors include masonry wire anchors and masonry T-shaped anchors.
D. Door Installation: Fit doors accurately in frames, within clearances specified in ANS/SDI 100.

SECTION 081113 - HOLLOW METAL DOORS AND FRAMES

1.0 GENERAL

1.1 SECTION REQUIREMENTS

- A. Submittals: Product Data and Shop Drawings.

2.0 PRODUCTS

2.1 HOLLOW METAL DOORS AND FRAMES

- A. Manufacturers: One of the following:
1. Armet Building Products, LLC;
2. Caco Door Products, an Assa Abloy Group Company;
3. Curtiss Company, an Assa Abloy Group Company;
4. Fleming Door Products Ltd., an Assa Abloy Group Company;
5. Kewanee Corporation (The);
6. Pioneer Industries, Inc.;
7. Steelcraft, an Ingersoll-Rand company, or Owner-approved equal.
B. Fire-Rated Doors and Frames: Labeled by a testing and inspecting agency acceptable to authorities having jurisdiction, based on testing at positive pressure according to NFPA 252 or UL 10C.
1. Where indicated, provide doors that have a temperature rise rating of 450 deg. F (250 deg. C).
C. Doors: Complying with SDI A250.6 for level and model and SDI A250.4 for physical-endurance level indicated, 1-3/4 inches (44 mm) thick unless otherwise indicated.
1. Interior Doors: Level 1 and Physical Performance Level C (Standard Duty), Model 1 (Full Flush)
2. Exterior Doors (when required): Level 2 and Physical Performance Level B (Heavy Duty) Model 2 (Seamless), metallic-coated steel sheet faces.
A. Thermal-Rated (Insulated) Doors: Where indicated, provide doors with thermal-resistance value (R-Value) of not less than 2.1 deg. F x h x sq. ft./Btu (0.370 K x sq m/W) when tested according to ASTM C 1363.
3. Hardware Reinforcement: Fabricate according to ANS/SDI A250.6 with reinforcement plates from same material as door face sheets.
D. Frames: ANS/SDI A250.6 concealed fasteners unless otherwise indicated.
1. Steel Sheet for Interior Frames: 0.042-inch- (1.10-mm) minimum thickness.
2. Steel Sheet for Exterior Frames: 0.053-inch- (1.3-mm) minimum thickness, metallic coated.
3. Interior Frame Construction: Knocked down or Face welded, per door schedule.
4. Exterior Frame Construction: Face welded.
E. Hardware Reinforcement: Fabricate according to ANS/SDI A250.6 with reinforcement plates from same material as frames.
6. Frame Anchors: Not less than 0.042 inch (1.0 mm) thick.
E. Door Silencers: Three on strike jambs of single-door frames and two on heads of double-door frames.
F. Grout Guards: Provide where mortar might obstruct hardware operations.
G. Prepare doors and frames to receive mortised and concealed hardware according to SDI A250.6 and BHMA A156.115.
H. Reinforce doors and frames to receive surface-applied hardware.
1. Prime Finish: Manufacturer's standard, factory-applied coat of lead- and chromate-free primer complying with SDI A250.10 acceptance criteria.
2.2 MATERIALS
A. Cold-Rolled Steel Sheet: ASTM A 1008/A 1008M, suitable for exposed applications.
B. Hot-Rolled Steel Sheet: ASTM A 1011/A 1011M, free of scale pitting, or surface defects.
C. Hot-Dip-Coated Steel Sheet: ASTM A 653/A 653M, G60 (Z185) or A653 (ZF185)
D. Frame Anchors: ASTM A 879/A 879M, 4Z (12G) coating designation; mill phosphated.
1. For anchors built into exterior walls, sheet steel complying with ASTM A 1008/A 1008M or ASTM A 1011/A 1011M, hot-dip galvanized according to ASTM A 153/A 153M, Class B.
E. Inserts, Bolts, and Fasteners: Hot-dip galvanized according to ASTM A 153/A 153M.
3.0 EXECUTION
3.1 INSTALLATION
A. Install hollow metal frames to comply with SDI A250.11.
1. Fire-Rated Frames: Install according to NFPA 80.
B. Install doors to provide clearances between doors and frames as indicated in SDI A250.11.
C. Priming and Finishing: Public restrooms, sand smooth rusted or damaged areas of prime coat and apply touchup of comparable air-drying rust-inhibitive primer. Use glazing repair paint for metallic coated surfaces.

SECTION 081416 - FLUSH WOOD DOORS

1.0 GENERAL

1.1 SECTION REQUIREMENTS

- A. Submittals: Samples for factory-finished doors.

2.0 PRODUCTS

2.1 FLUSH WOOD DOORS

- A. Manufacturers: One of the following:
1. Eagle Plywood & Door Manufacturing, Inc.;
2. Eggers Industries;
3. Graham, an Assa Abloy Group Company;
4. Mohawk Flush Doors, Inc.; a Masonite Company;
5. Oshkosh Architectural Door Company;
6. Vancouver Door Company;
7. VIT Industries, Inc.;
8. Or Owner-approved equal.
2.2 DOOR CONSTRUCTION, GENERAL
A. Quality Standards: WDMA I.S.I.-A.
B. Fire-Rated Wood Doors: Labeled by a testing and inspecting agency acceptable to authorities having jurisdiction based on testing at positive pressure according to NFPA 252 or UL 10C.
1. Where indicated, provide doors that have a temperature rise rating of 450 deg. F, (250 deg. C.)
C. Low-Emitting Materials: Provide doors made with adhesives and composite wood products that do not contain urea formaldehyde.
D. WDMA I.S.I.-A Performance Grade:
1. Heavy Duty unless otherwise indicated.
2. Extra Heavy Duty: Public toilets, janitor's closets, and patient rooms.
E. Particleboard-Core Doors: Provide blocking in particleboard cores or provide structural composite lumber cores instead of particleboard cores for doors with exit devices or protection plates.
F. Fire-Protection-Rated Doors: Provide core specified or mineral core as needed to provide fire-protection rating indicated. Provide the following for mineral core doors:
1. Composite blocking where required to eliminate through-bolting hardware.
2. Laminated-edge construction.
3. Formed-steel edges and astragals for pairs of doors.
2.3 FLUSH WOOD DOORS
A. Doors for Transparent Finish:
1. Interior Solid-Core Doors: Premium, grade five-ply, particleboard or structural composite lumber cores.
Faces: Grade A rotary-cut select white birch or plain sliced select white maple.
a. Veneer Matching: Slip and running or Pleasing match.
b. Pair matching and set matching.
c. Continuous matching for doors with transoms.
2.4 LOUVERS AND LIGHT FRAMES
A. Light Frames: Wood beads of same species as door faces.
1. At fire-rated doors provide wood-veneered beads for use in doors of fire-protection rating indicated.
3.0 EXECUTION
3.1 FABRICATION AND FINISHING
A. Factory fit doors to suit frame-opening sizes indicated and to comply with clearances specified.
B. Factory machine doors for hardware that is not surface applied. Locate hardware to comply with DHI-WDHS-2.
C. Cut and trim openings to comply with referenced standards.
1. Trim light openings with moldings indicated.
2. Factory install glazing in doors indicated to be factory finished.
3. Factory install louvers in prepared openings.

D. Factory finish doors (optional) indicated for transparent finish with stain and manufacturer's standard finish complying with WDMA TR-6, catalyzed polyurethane for grade specified for doors.
1. Sheen: Satin or Semigloss - verify with Owner Representative.
3.2 INSTALLATION
A. Install doors to comply with manufacturer's written instructions and WDMA I.S.I.-A, and as indicated.
1. Install doors to comply with NFPA 80.
B. Align and fit doors in frames with uniform clearances and bevels. Machine doors for hardware. Seal out surfaces after fitting and machining.
C. Clearances: As follows, unless otherwise indicated:
1. 1/8 inch at heads, jambs, and between pairs of doors.
2. 1/8 inch from bottom of door to top of decorative floor finish or covering.
3. 1/4 inch from bottom of door to top of threshold.
4. Comply with NFPA 80 for fire-rated doors.
Repair, refinish, or replace factory-finished doors damaged during installation, as directed by Architect.

SECTION 08800 - GLAZING

1.0 GENERAL

1.1 SUMMARY

- A. Section includes:
1. Glass for windows, doors, and storefront framing.
2. Glazing sealants and accessories.

1.2 ACTION SUBMITTALS

- A. Product Data: For each type of product.
B. Glass Samples: For each type of the following products; 12 inches square.
1. Insulated glazing units.
C. Glazing Accessory Samples: For sealants and colored spacers, in 12-inch lengths. Install sealant Samples between two strips of material representative in color of the adjoining framing system.

1.3 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For installer and manufacturers of insulating-glass units with sputter-coated, low-E coatings.
B. Product Certificates: For glass.
C. Product Test Reports: For coated glass, insulating glass, and glazing sealants, for tests performed by a qualified testing agency.
1. For glazing sealants, provide test reports based on testing current sealant formulations within previous 36-month period.
D. Spacer Materials: For spacers or special warranties.

1.4 QUALITY ASSURANCE

- A. Manufacturer Qualifications for Insulating-Glass Units with Sputter-Coated, Low-E Coatings: A qualified insulating-glass manufacturer who is approved and certified by coated-glass manufacturer.
B. Installer Qualifications: A qualified installer who employs glass installers for this Project who are certified under the National Glass Association's Certified Glass Installer Program.

1.5 DELIVERY, STORAGE, AND HANDLING

- A. Protect glazing materials according to manufacturer's written instructions. Prevent damage to glass and glazing materials from condensation, temperature changes, direct exposure to sun, or other causes.
B. Comply with insulating-glass manufacturer's written instructions for venting and sealing units to avoid hermetic seal ruptures due to altitude change.
1.6 FIELD CONDITIONS
A. Environmental Limitations: Do not proceed with glazing when ambient and substrate temperature conditions are outside limits permitted by glazing material manufacturers and when glazing channel substrates are wet from rain, frost, condensation, or other causes.
1. Do not install glazing systems when ambient and substrate temperature conditions are outside limits permitted by sealant manufacturer or as below 40 deg F.
1.7 WARRANTY
A. Manufacturer's Special Warranty for Coated-Glass Products: Manufacturer agrees to replace coated-glass units that deteriorate within specified warranty period. Deterioration of coated glass is defined as defects developed from normal use that are not attributed to glass breakage or to maintaining and cleaning coated glass contrary to manufacturer's written instructions. Defects include peeling, cracking, and other indications of deterioration in coating.
1. Warranty Period: 10 years from date of Substantial Completion.
B. Manufacturer's Special Warranty for Laminated Glass: Manufacturer agrees to replace laminated-glass units that deteriorate within specified warranty period. Deterioration of laminated glass is defined as defects developed from normal use that are not attributed to glass breakage or to maintaining and cleaning laminated glass contrary to manufacturer's written instructions. Defects include edge separation, delamination materially obstructing vision through glass, and blemishes exceeding those allowed by referenced laminated-glass standard.
1. Warranty Period: 10 years from date of Substantial Completion.
C. Manufacturer's Special Warranty for Insulating Glass: Manufacturer agrees to replace insulating-glass units that deteriorate within specified warranty period. Deterioration of insulating glass is defined as failure of hermetic seal under normal use that is not attributed to glass breakage or to maintaining and cleaning insulating glass contrary to manufacturer's written instructions. Evidence of failure is the obstruction of vision by dust, moisture, or film on interior surfaces of glass.
1. Warranty Period: 10 years from date of Substantial Completion.

2.0 PRODUCTS

2.1 MANUFACTURERS

- A. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:
1. AGC Glass Company North America, Inc.;
2. Cardinal Glass Industries;
3. Guardian Industries Corp., SunGuard;
4. Oldcastle BuildingEnvelope;
5. Pilkington North America;
6. PPG Industries, Inc.; PPG Flat Glass;
7. Vitrocon, Inc.;
B. Source Limitations for Glass: Obtain from single source from single manufacturer for each glass type.
C. Source Limitations for Glazing Accessories: Obtain from single source from single manufacturer for each product and installation method.
2.2 PERFORMANCE REQUIREMENTS
A. General: Installed glazing shall withstand normal thermal movement and wind and impact loads (where applicable) without failure, including loss of glass breakage attributable to the following: defective manufacturing, fabrication, or installation; failure of sealants or gaskets to remain watertight and airtight; deterioration of glazing materials; or other defects in construction.
B. Structural Performance: Glazing shall withstand the following design loads within limits and under conditions indicated determined according to the IBC and ASTM E 1300.
1. Design Wind Pressures: Determine design wind pressures applicable to Project according to ASCE/SEI 7, based on heights above grade indicated on Drawings.
2. Glass Wind Speed: 150 mph.
b. Importance Factor: 1.0.
c. Exposure Category: D.
2. Maximum Lateral Deflection: For glass supported on all four edges, limit center-of-glass deflection at design wind pressure to not more than 1/50 times the short-side length or 1 inch, whichever is less.
3. Differential Shading: Design glass to resist thermal stresses induced by differential shading within individual glass lites.
C. Windborne Debris Impact Resistance: Exterior glazing shall comply with enhanced protection testing requirements in ASTM E 1996 for Wind Zone 4 and tested according to ASTM E 1886. Test specimens shall be no smaller in width and length than glazing indicated for use on Project and shall be installed in same manner as glazing indicated for use on Project.
1. Large-Missile Test: Enhanced Protection E for glazed openings located within 30 feet of grade.
2. Thermal and Optical Performance Properties: Provide glass with performance properties specified, as indicated in manufacturer's published test data, based on procedures indicated below:
1. For insulating-glass units, properties are based on units of thickness indicated for overall unit and for each lite.
2. U-Factors: Center-of-glazing values, according to NFRC 100 and based on LBL's WINDOW 5.2 program, expressed as Btu/sq. ft. x h x deg F.
3. Solar Heat-Gain Coefficient and Visible Transmittance: Center-of-glazing values, according to NFRC 200 and based on LBL's WINDOW 5.2 computer program.
2.3 GLAZING PRODUCTS - GENERAL
A. Glazing Products: Comply with published recommendations of glass product manufacturers and organizations below unless more stringent requirements are indicated. See these publications for glazing terms not otherwise defined in this Section or in referenced standards.
1. GANA Publications: "Laminated Glazing Reference Manual" and "Glazing Manual".
2. IGMA Publication for Insulating Glass: SIGMA TM-3000, "North American Glazing Guidelines for Sealed Insulating Glass Units for Commercial and Residential Use."
3. Insulating-Glass Unit (IGU) Performance Program: Performance marked either on spacers or on at least one component lite of units with appropriate certification label of IGCC.
C. Thickness: Where glass thickness is indicated, it is a minimum. Provide glass that complies with performance requirements and is not less than the thickness indicated.
2.4 GLASS PRODUCTS
A. Fully Tempered Float Glass: ASTM C 1048, Kind FT (fully tempered), Condition A (uncoated) unless otherwise indicated, Type I, Class 1 (clear), Quality-Q3.
1. Fabrication Process: By horizontal (roller-heat) process with roll-wave distortion parallel to bottom edge of glass as installed unless otherwise indicated.
2.5 LAMINATED GLASS
A. Windborne Debris Impact-Resistant Laminated Glass: Comply with requirements specified above for laminated glass except laminate glass with one of the following to comply with interlayer manufacturer's written instructions:
1. Polyvinyl butyral interlayer.
2. Polyvinyl butyral interlayers reinforced with polyethylene terephthalate film.
3. Ionomeric polymer interlayer.
4. Cast-in-place and cured-transparent-resin interlayer;
5. Cast-in-place and cured-transparent-resin interlayer reinforced with polyethylene terephthalate film.
2.6 INSULATING GLASS
A. Insulating-Glass Units: Factory-assembled units consisting of sealed lites of glass separated by a dehydrated interspace, qualified according to ASTM E 2190.
1. Sealing System: Dual seal, with manufacturer's standard and secondary sealants.
2. Perimeter Spacer: Manufacturer's standard spacer material and construction.
3. Desiccant: Molecular sieve or silica gel, or a blend of both.
2.7 GLAZING SEALANTS
A. Glazing Sealant: Neutral-curing silicone glazing sealant complying with ASTM C 920, Type S, Grade NS, Class 50, Use NT.
1. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to the following:
a. BASF Corporation; Construction Systems;
b. Dow Corning Corporation;
c. GE Construction Sealants, Momentive Performance Materials Inc.;
d. May National Associates, Inc., a subsidiary of Sika Corporation;
e. Pecos Corporation;
f. Polymeric Systems, Inc.;
g. Sika Corporation;
h. Tremco Incorporated.
2.8 GLAZING TAPES
A. Back-Bedding Mastic Glazing Tapes: Preformed, butyl-based, 100 percent solids elastomeric tape; non-staining and non-migrating in contact with nonporous surfaces; with or without spacer rod as recommended in writing by tape and glass manufacturers for application indicated; and complying with ASTM C 1281 and AAMA 800 for products indicated below:
1. AAMA 808.3 tape, for glazing applications in which tape is subject to continuous pressure.
B. Expanded Cellular Glazing Tapes: Closed-cell, PVC foam tapes; factory coated with adhesive on both surfaces; and complying with AAMA 800 for the following types:
1. AAMA 810.1, Type 1, for glazing applications in which tape acts as the primary sealant.
2. AAMA 810.1, Type 2, for glazing applications in which tape is used in combination with a full bead of liquid sealant.
2.9 MISCELLANEOUS GLAZING MATERIALS
A. General: Provide products of material, size, and shape complying with referenced glazing standard, with requirements of manufacturers of glass and other glazing materials for application indicated, and with a proven record of compatibility with surfaces contacted in installation.
B. Cleaners, Primers, and Sealers: Types recommended by sealant or gasket manufacturer.
C. Setting Blocks: Elastomeric material with a Shore, Type A durometer hardness of 85, plus or minus 5.
D. Spacers: Elastomeric blocks or continuous extrusions of hardness required by glass manufacturer to maintain glass lites in place for installation indicated.
E. Edge Blocks: Elastomeric material of hardness needed to limit glass lateral movement (side walking).
F. Cylindrical Glazing Sealant Backing: ASTM C 1330, Type O (open-cell material), of size and density to control glazing sealant depth and otherwise produce optimum glazing seal performance.
2.10 FABRICATION OF GLAZING UNITS
A. Fabricate glazing units in sizes required to fit openings indicated for Project, with edge and face clearances, edge and surface conditions, and bite complying with written instructions of product manufacturer and referenced glazing publications, to comply with system performance requirements.
1. Allow for thermal movements from ambient and surface temperature changes acting on glass framing members and glazing components.
a. Temperature Change: 120 deg F, ambient, 180 deg F, material surfaces.

3.0 EXECUTION

3.1 EXAMINATION

- A. Examine framing, glazing channels, and stops, with Installer present, for compliance with the following:
1. Manufacturing and installation tolerances, including those for size, squareness, and offsets at corners.
2. Presence and functioning of weep systems.
3. Minimum required face and edge clearances.
4. Effective sealing between joints of glass-framing members.
B. Proceed with installation only after unsatisfactory conditions have been corrected.
3.2 PREPARATION
A. Clean glazing channels and other framing members receiving glass immediately before glazing. Remove coatings not firmly bonded to substrates.
B. Examine glazing units to locate exterior and interior surfaces. Label or mark units as needed so that exterior and interior surfaces are readily identifiable. Do not use materials that leave visible marks in the completed work.
3.3 GLAZING, GENERAL
A. Comply with combined written instructions of manufacturers of glass, sealants, gaskets, and other glazing materials, unless more stringent requirements are indicated, including those in referenced glazing publications.
B. Protect glass edges from damage during handling and installation. Remove damaged glass from Project site and legally dispose of off Project site. Damaged glass includes glass with edge damage or other imperfections that, when installed, could weaken glass, impair performance, or impair appearance.
C. Apply primers to joint surfaces where required for adhesion of sealants, as determined by preconstruction testing.
D. Install setting blocks in sill rabbets, sized and located to comply with referenced glazing publications, unless otherwise required by glass manufacturer. Set blocks in thin course of compatible sealant suitable for heel bead.
E. Do not exceed edge pressures stipulated by glass manufacturers for installing glass lites.
F. Provide spacers for glass lites where length plus width is larger than 50 inches.
1. Locate spacers directly opposite each other on both inside and outside faces of glass. Install correct size and spacing to preserve required face clearances, unless gaskets and glazing tapes are used that have demonstrated ability to maintain required face clearances and to comply with system performance requirements.
2. Provide 1/8-inch minimum bite of spacers on glass and use thickness equal to sealant width. With glazing tape, use thickness slightly less than final compressed thickness of tape.
G. Provide edge blocking where indicated or needed to prevent glass lites from moving sideways in glazing channel, as recommended in writing by glass manufacturer and according to requirements in referenced glazing publications.
H. Set glass lites in each series with uniform pattern, draw, bow, and similar characteristics.
I. Set glass lites with proper orientation so that coatings face exterior or interior as specified.
J. Where wedge-shaped gaskets are driven into one side of channel to pressurize sealant or gasket on opposite side, provide adequate anchorage so gasket cannot walk out when installation is subjected to movement.
K. Square out wedge-shaped gaskets at corners and install gaskets in a manner recommended by gasket manufacturer to prevent corners from pulling away. Seal corner joints and butt joints with sealant recommended by gasket manufacturer.
3.4 CLEANING AND PROTECTION
A. Protect glass from contact with contaminating substances resulting from construction operations. Examine glass surfaces adjacent to or below exterior masonry surfaces at frequent intervals during construction, but not less than once a month, for buildup of dirt, scum, alkaline deposits, or stains.
1. If, despite such protection, contaminating substances do come into contact with glass, remove substances immediately as recommended in writing by glass manufacturer. Remove and replace glass that cannot be cleaned without damage to coatings.
B. Remove and replace glass that is damaged during construction period.
C. Wash glass on both exposed surfaces not more than four days before date scheduled for inspections that establish date of Substantial Completion. Wash glass as recommended in writing by glass manufacturer.
3.5 INSULATING LAMINATED GLASS SCHEDULE
A. Glass Type GL-1; Low-E-coated, clear insulating laminated glass.
1. Overall Unit Thickness: 1-3/16 inch.
2. Minimum Thickness of Outdoor Lite: 6 mm.
3. Outdoor Lite: Fully tempered clear float glass.
4. Interspace Content: Air.
5. Indoor Lite: Clear laminated glass with two plies of fully tempered float glass.
a. Minimum Thickness of Each Glass Ply: 6 mm.
b. Interlayer Thickness: 0.060 inch.
6. Low-E Coating: Pyrolytic or sputtered on second or third surface.
7. Winter Nighttime U-Factor: 0.30 maximum.
8. Summer Daytime U-Factor: 0.30 maximum.
9. Visible Light Transmittance: 60 percent minimum.
10. Solar Heat Gain Coefficient: 0.40 maximum.
11. Safety glazing required.

SECTION 088300 - MIRRORS

1.1 SECTION REQUIREMENTS

- A. Submittals: Product Data and Shop Drawings.
B. Glazing Publications: Comply with the following published recommendations:
1. GANA's "Glazing Manual" unless more stringent requirements are indicated. Refer to this publication for definitions of glass and glazing terms not otherwise defined in this Section or in referenced standards.
2. GANA Mirror Division "Mirrors, Handle with Extreme Care: Tips for the Professional on the Care and Handling of Mirrors".
2.1 MIRRORS, GENERAL
A. Manufacturers: One of the following:
1. Arch Aluminum & Glass Co., Inc.;
2. Binswanger Mirror, a division of Vitro America, Inc.
3. Donisi Mirror Company;
4. Gardner Glass, Inc.
5. Glazed Mirrors, Inc.
6. Independent Mirror Industries, Inc.
7. Lenox Mirror Company;
8. Maran-Wurzell Glass & Mirror;
9. National Glass Industries;
10. Struppe Mirror Co., Inc.
11. Vitrocon Mirror Company, Inc.
12. Walker Glass Co., Ltd.
13. Or approved equal.
B. Glass Mirrors, General: ASTM C 1503; manufactured using copper-free, low-lead mirror coating process.
C. Safety Glazing Products: For film-backed tempered mirrors, provide products complying with testing requirements in 16 CFR 1201 for Category II materials.
2.2 MIRROR GLAZING
A. Tempered Clear Glass: Mirror Glazing Quality, for blemish requirements; and comply with ASTM C 1048 for Kind FT, Condition A, tempered float glass.
B. Mirror Mastic: An adhesive setting compound, asbestos free, produced specifically for setting mirrors and certified by both mirror manufacturer and mastic manufacturer as compatible with glass coating and substrates on which mirrors will be installed.
C. Film Backing for Safety Mirrors: Film backing and pressure-sensitive adhesive; both compatible with mirror backing paint as certified by mirror manufacturer.
1.4 FABRICATION
A. Mirror Edge Treatment: Rounded polished
1. Seal edges of mirrors with edge sealer after edge treatment to prevent chemical or atmospheric penetration of glass coating.
B. Film-Backed Safety Mirrors: Apply film backing with adhesive coating over mirror backing paint as recommended in writing by film-backing manufacturer.
1.5 INSTALLATION
A. Provide a minimum air space of 1/8 inch (3 mm) between back of mirrors and mounting surface for air circulation between back of mirrors and face of mounting surface.
B. Wall-Mounted Mirrors: Install mirrors with mastic and mirror hardware. Attach mirror hardware securely to mounting surfaces with mechanical fasteners installed so heads do not impose point loads on backs of mirrors.
1. Top and Bottom Aluminum J-Channels: Provide setting blocks 1/8 inch (3 mm) thick by 4 inches (100 mm) long at quarter points.
2. Mirror Clips: Place a felt or plastic pad between mirror and each clip. Locate clips so they are symmetrically placed and evenly spaced.
3. Apply mastic to comply with mastic manufacturer's written instructions for coverage and to allow air circulation between back of mirrors and face of mounting surface.
C. Remove non-permanent labels, and clean surfaces immediately after installation.
D. Install per Accessibility requirements.

SECTION 092550 - GYPSUM BOARD ASSEMBLIES

1.1 GENERAL

1.2 SUMMARY

- A. This Section includes the following:
1. Non-load bearing steel framing members for gypsum board assemblies.
2. Gypsum board assemblies attached to steel framing.
3. DELIVERY, STORAGE, AND HANDLING
A. Deliver materials in original packages, containers, or bundles bearing brand name and identification of manufacturer or supplier.
B. Store materials inside under cover and keep them dry and protected against damage from weather, direct sunlight, surface contamination, corrosion, construction traffic, and other causes. Neatly stack gypsum panels flat to prevent sagging.
C. Handle gypsum board to prevent damage to edges, ends, and surfaces. Do not bend or otherwise damage metal corner beads and trim.
1.4 PROJECT CONDITIONS
A. Environmental Conditions, General: Establish and maintain environmental conditions for applying and finishing gypsum board to comply with ASTM C 840 and with gypsum board manufacturer's recommendations.
B. Room Temperatures: For non-adhesive attachment of gypsum board to framing, m

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