

GENERAL NOTES

A. DETAILS ON THIS SHEET REFERENCE THE 2003 ICC/ANSI 117 ACCESSIBILITY CODE AND SHALL COMPLY WITH THE REQUIREMENTS OF THE ADA STANDARDS FOR ACCESSIBLE DESIGN - 28 CFR 36.

B. REFER TO PLUMBING DRAWINGS FOR ADDITIONAL INFORMATION.

C. REFER TO ENLARGED RESTROOM PLAN FOR ADDITIONAL INFORMATION.

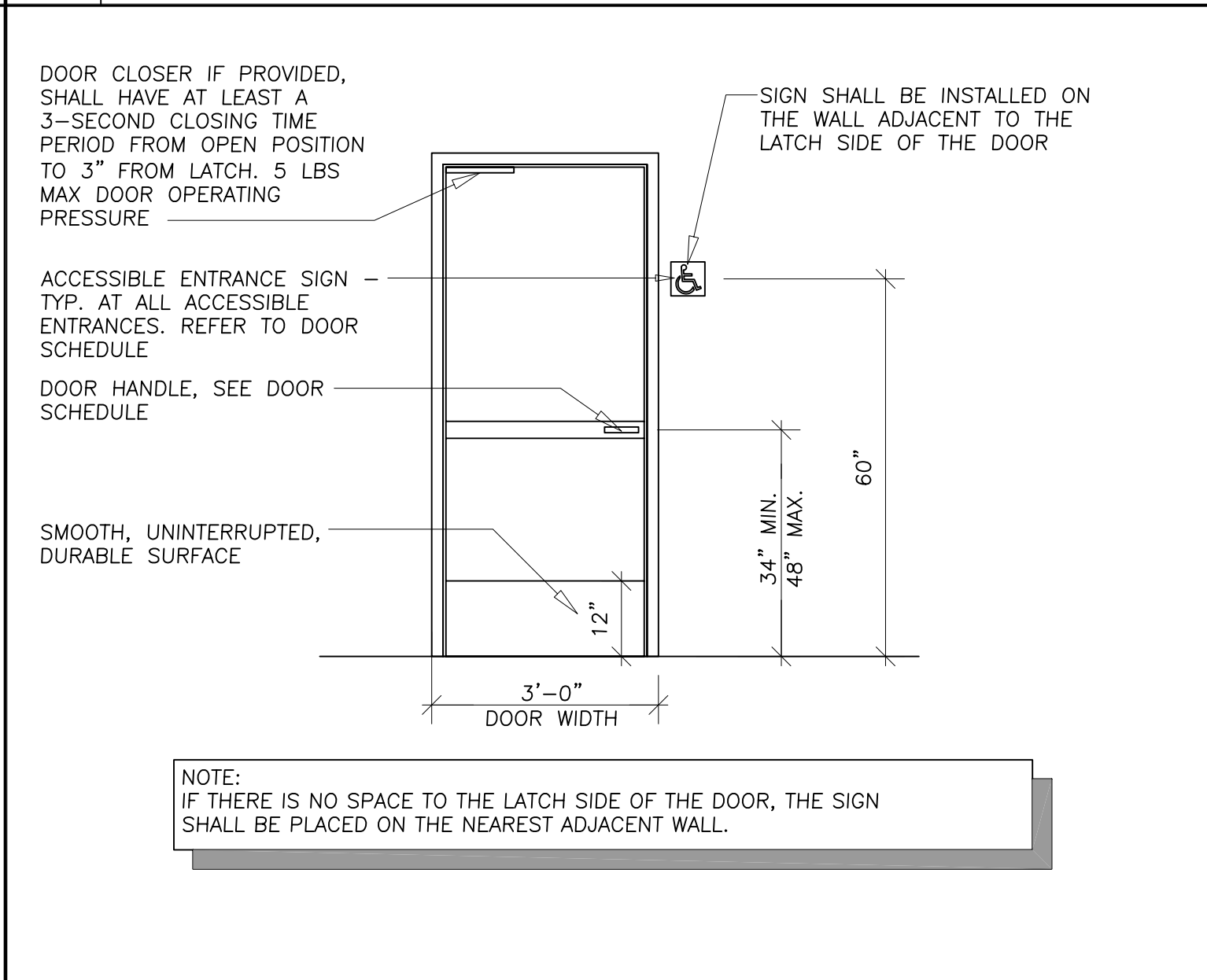
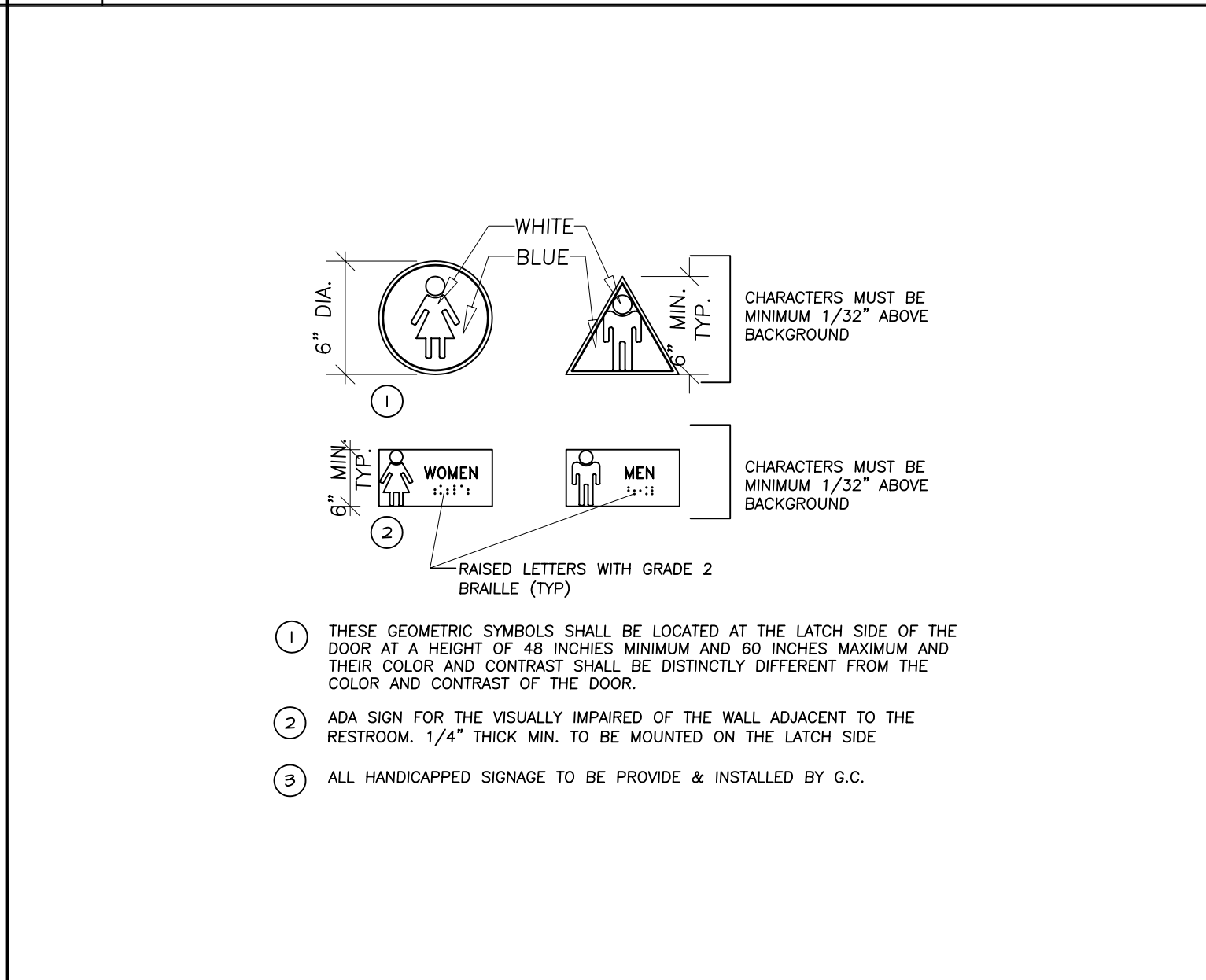
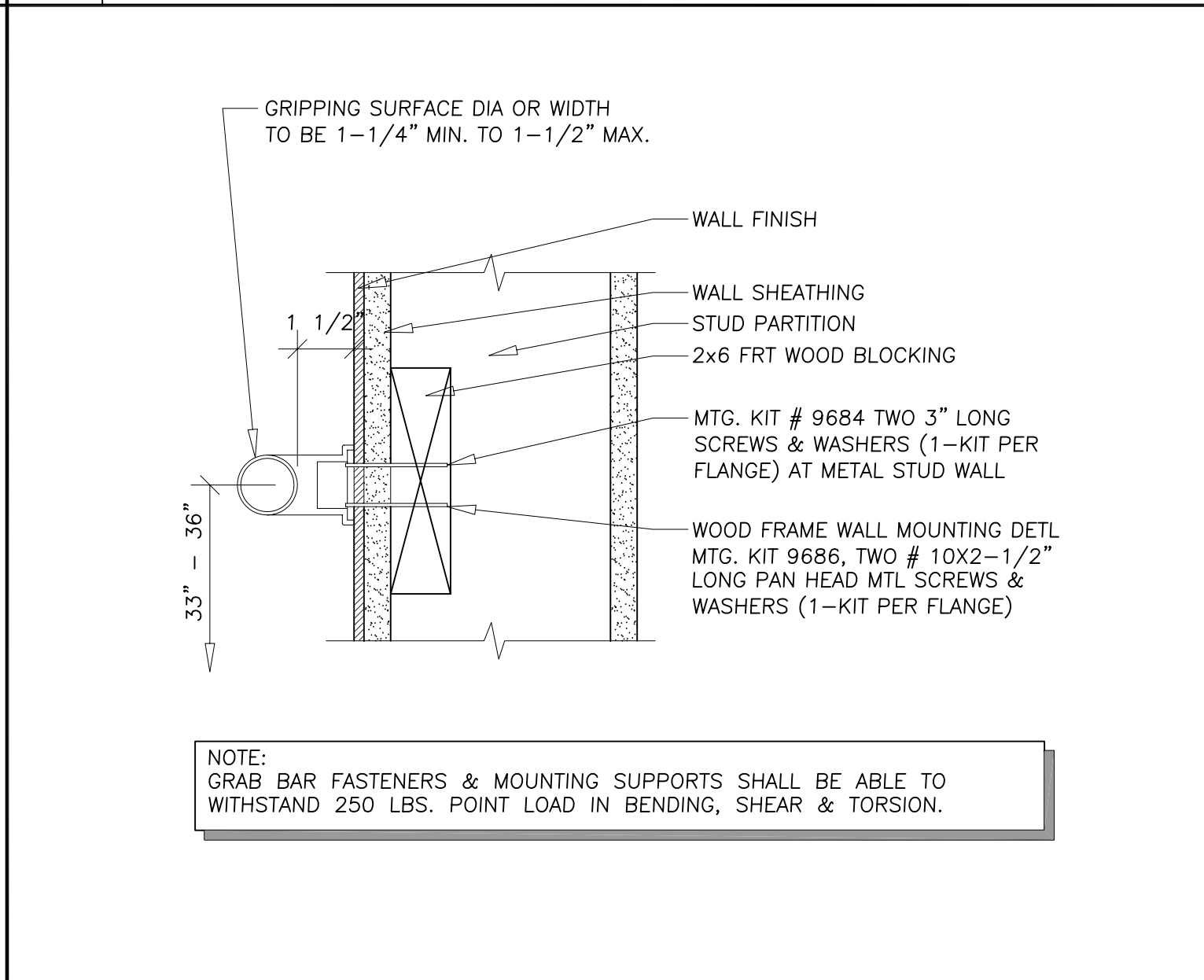
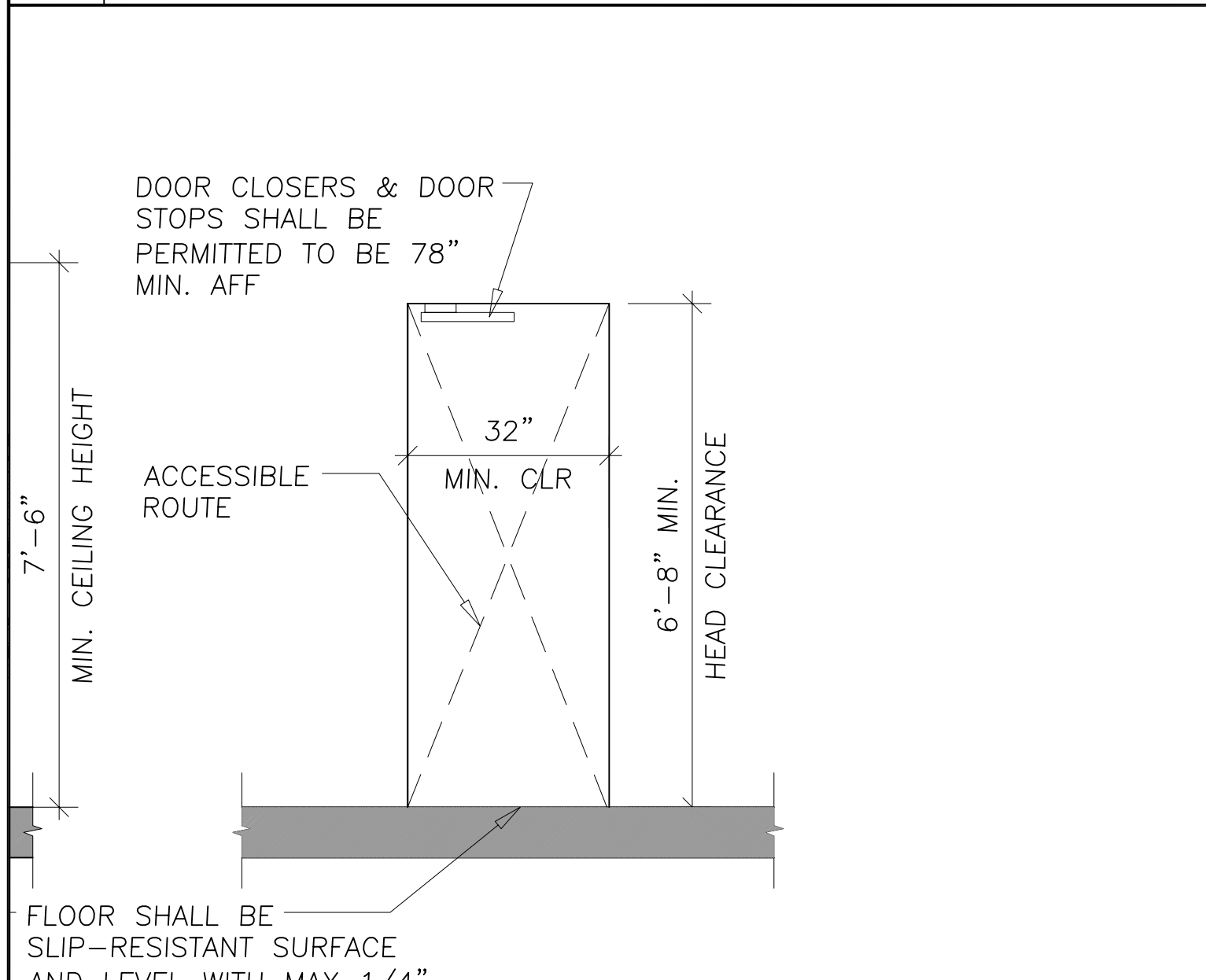
JON W. SAMMER
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 3921 OLD LEE HWY
 SUITE 72-B
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1 MINIMUM ACCESSIBLE DOOR CLEARANCES SCALE: 3/4" = 1'-0"

2 MINIMUM KNEE CLEARANCE SCALE: 1 1/2" = 1'-0"

3 MINIMUM TOE CLEARANCE SCALE: 1 1/2" = 1'-0"

4 DRINKING FOUNTAIN CLEARANCES SCALE: 3/4" = 1'-0"

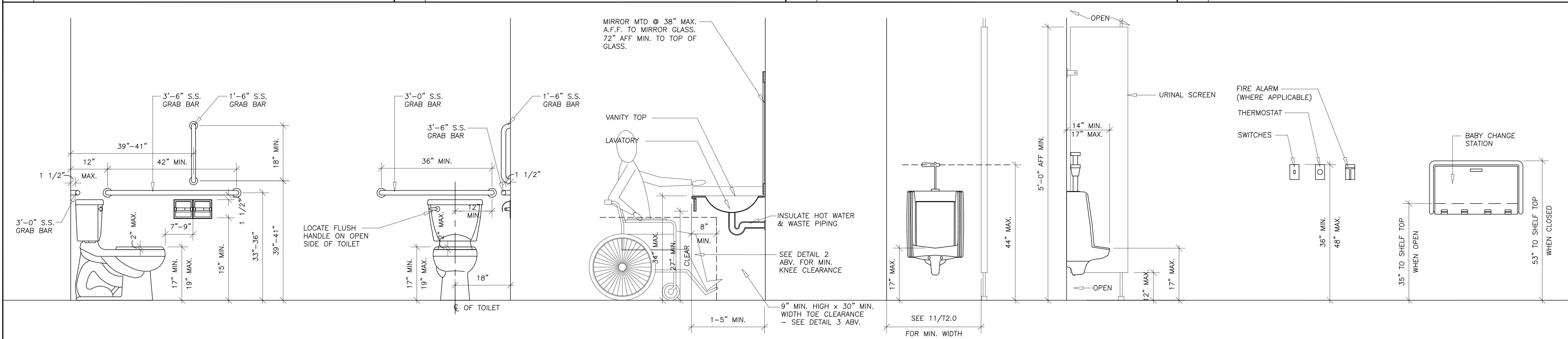


5 PROTRUDING OBJECT LIMITS SCALE: 1/2" = 1'-0"

6 ACCESSIBLE GRAB BAR DETAIL SCALE: 3" = 1'-0"

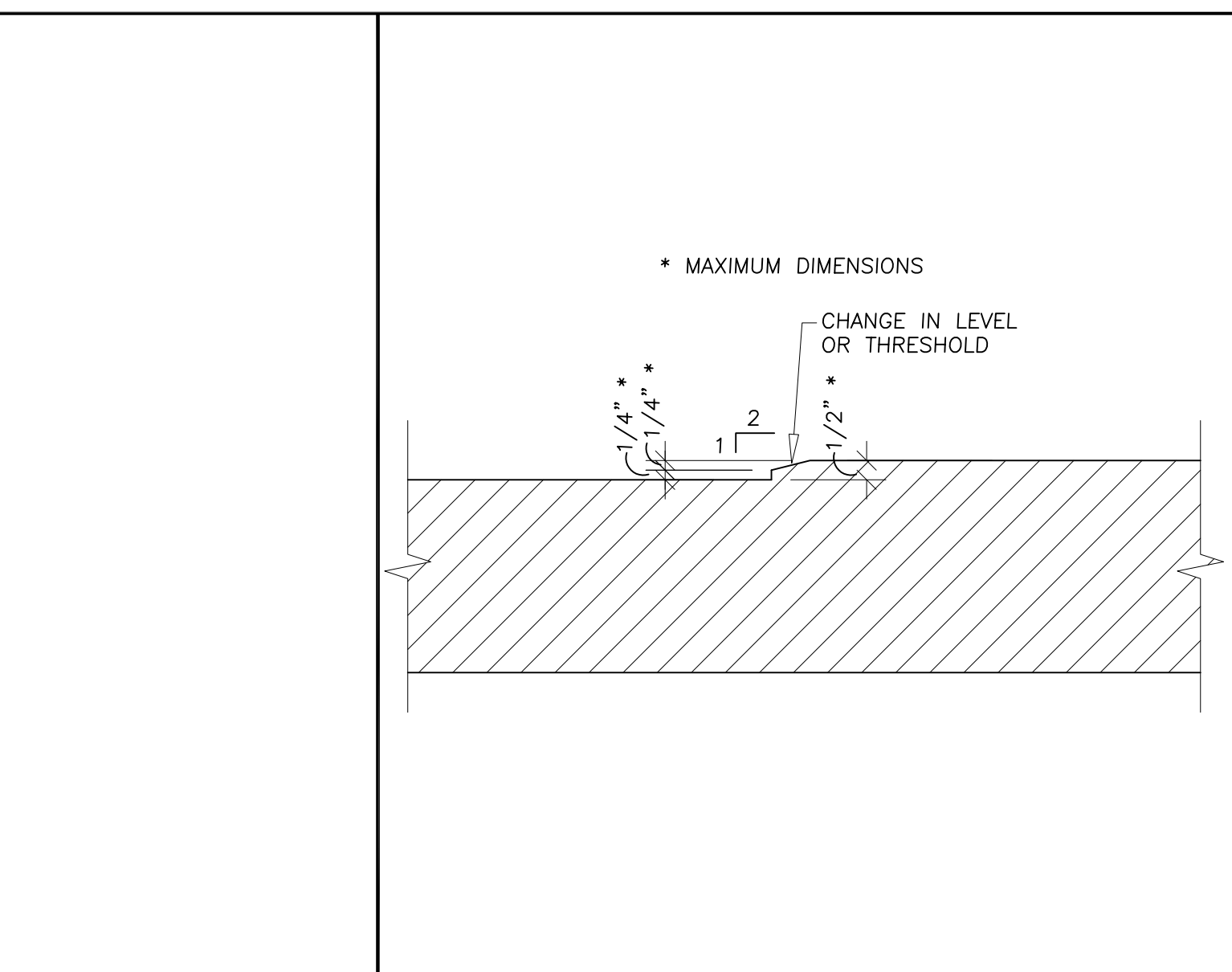
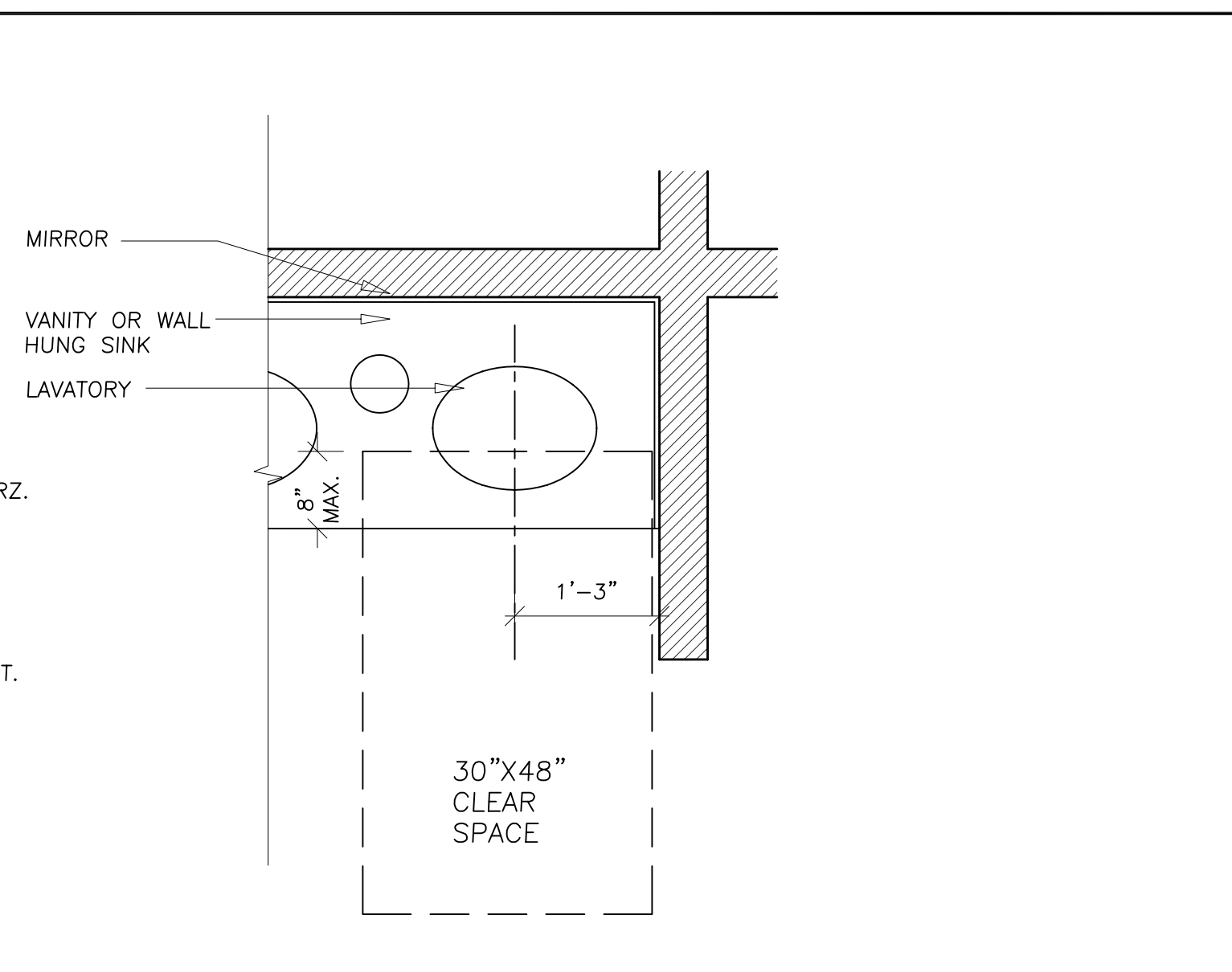
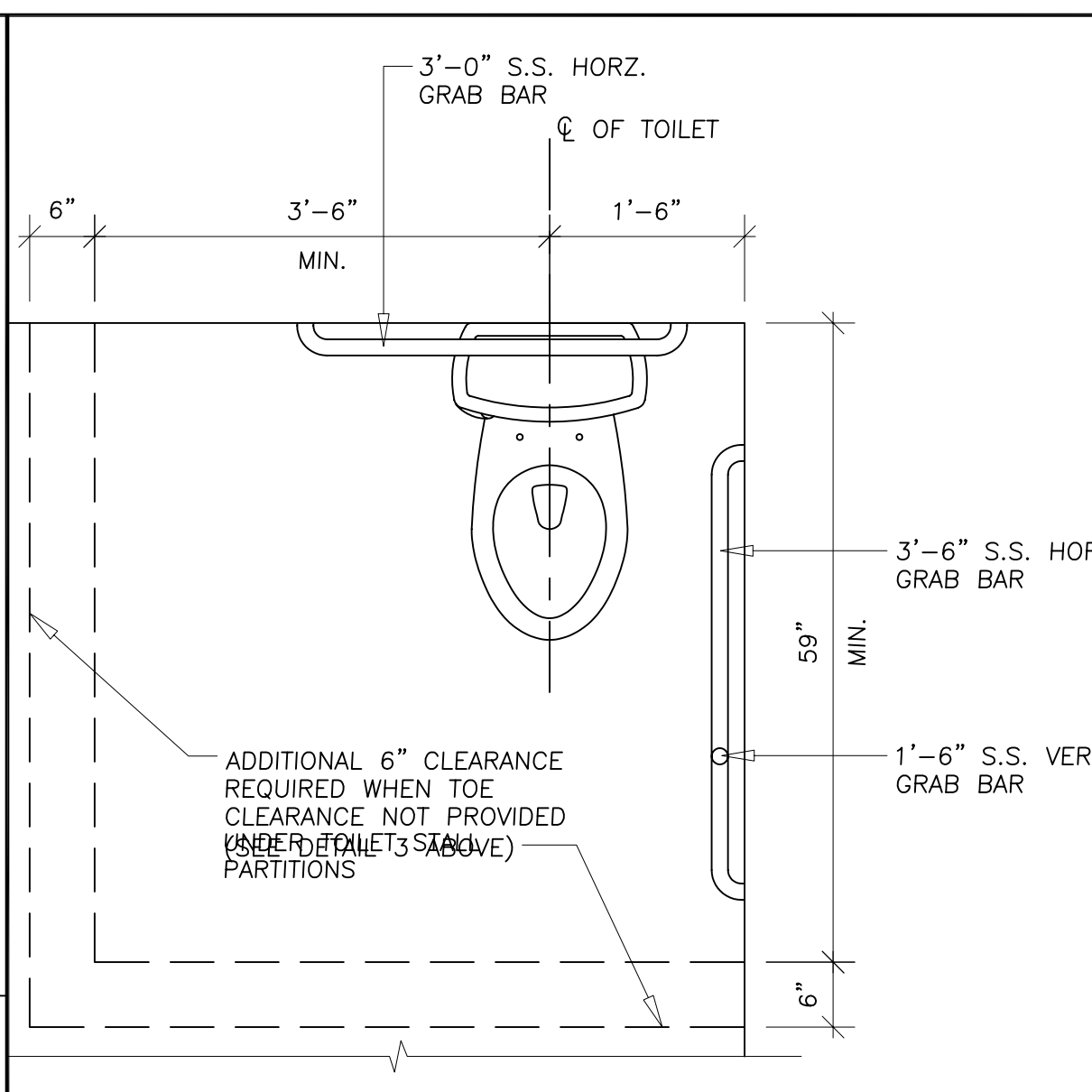
7 ACCESSIBLE SIGNAGE DETAILS SCALE: 1 1/2" = 1'-0"

8 ACCESSIBLE DOOR ELEVATION SCALE: 1/2" = 1'-0"



9 ACCESSIBLE MOUNTING DIMENSIONS SCALE: 3/4" = 1'-0"

OPERABLE PARTS MAXIMUM REACH DEPTH + HEIGHT BUILDING CODE TABLE 0606.7						
MAX. REACH DEPTH	1/2" (13 mm)	2" (50 mm)	5" (125 mm)	6" (150 mm)	9" (230 mm)	11 (280 mm)
MAX. REACH HEIGHT	48" (1220 mm)	48" (1170 mm)	42" (1065 mm)	40" (1015 mm)	36" (915 mm)	34" (865 mm)



10 ACCESSIBLE MOUNTING DIMENSIONS CONT. SCALE: 3/4" = 1'-0"

11 RESTROOM PLAN DIMENSIONS SCALE: 3/4" = 1'-0"

12 CHANGE IN ELEVATION SCALE: 3" = 1'-0"

SUBMISSION AND REVISION DATES

NUM.	DESCRIPTION
12/05/2011	PERMIT SET

REVISION SYMBOLS

□	DOES NOT APPLY TO THIS SHEET
■	APPLIES TO THIS SHEET



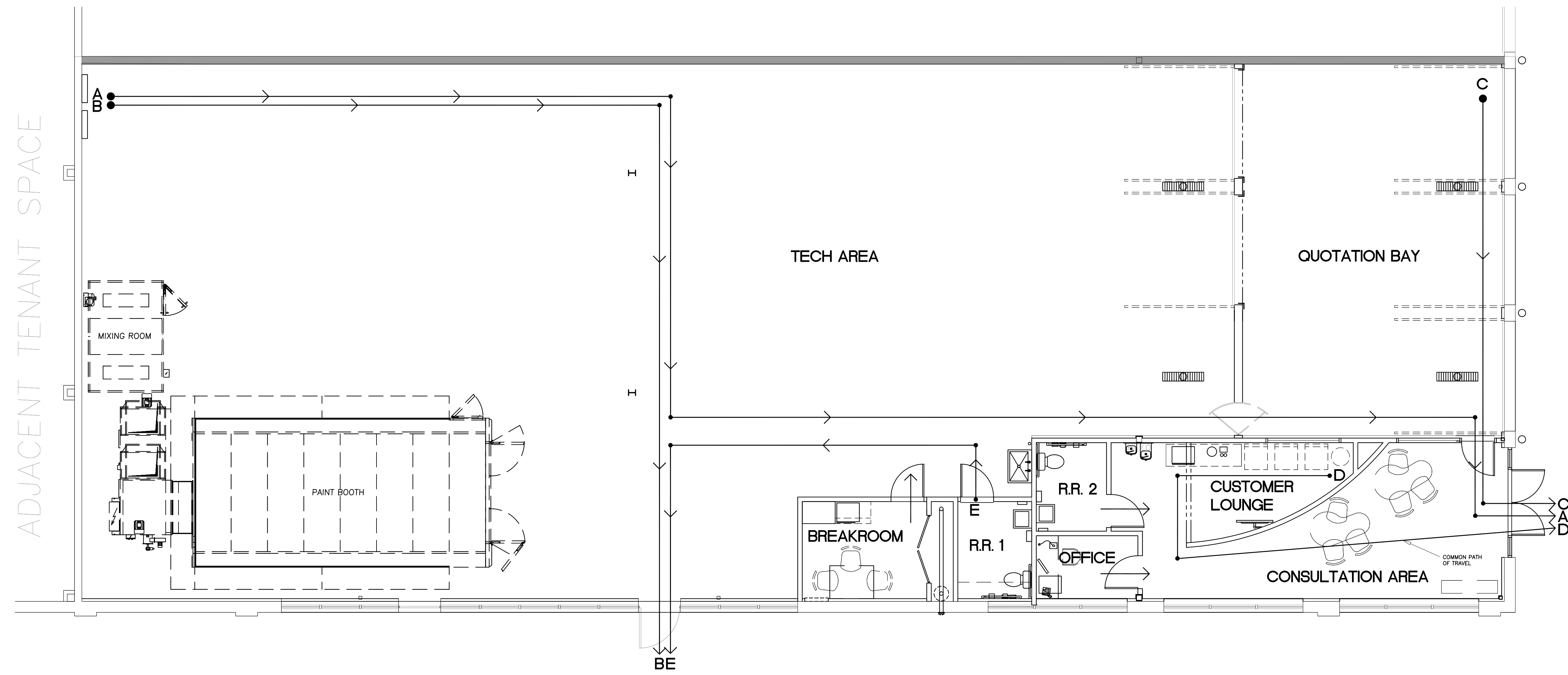
WHITEHALL, PENNSYLVANIA

SCALE:
 PROJECT NO. CMWH_1108
 SHEET TITLE
 STANDARD ACCESSIBILITY DETAILS
 SHEET

I CERTIFY THAT THESE DRAWINGS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF PENNSYLVANIA, LICENSE NUMBER RA-012111-B, EXPIRATION DATE 06/30/2013.

SCALE:
 AS SHOWN
 PROJECT NO. CMWH_1108
 SHEET TITLE
 STANDARD ACCESSIBILITY DETAILS
 SHEET

T2.0



NOTE: SEE MEANS OF EGRESS CALCULATIONS AT RIGHT.

MEANS OF EGRESS CALCULATIONS
 BASED ON: BLDG. CODE 1005.1 AND 1015.2.1

REQUIRED NUMBER OF EXITS		
REQUIRED	PROVIDED	REMARKS
2* (LESS THAN 500* OCCUPANTS)	2	ALL EXITS ARE EXISTING TO REMAIN. NO NEW EXITS ARE BEING ADDED.

REQUIRED MINIMUM TRAVEL DISTANCE (PER BUILDING CODE TABLE 1016.1)

A = 165'-9" < 250' ∴ OK
 B = 96'-3" < 250' ∴ OK
 C = 39'-6" < 75' ∴ OK
 D = 52'-0" < 75' ∴ OK SINGLE EXIT
 E = 48'-1" < 75' ∴ OK

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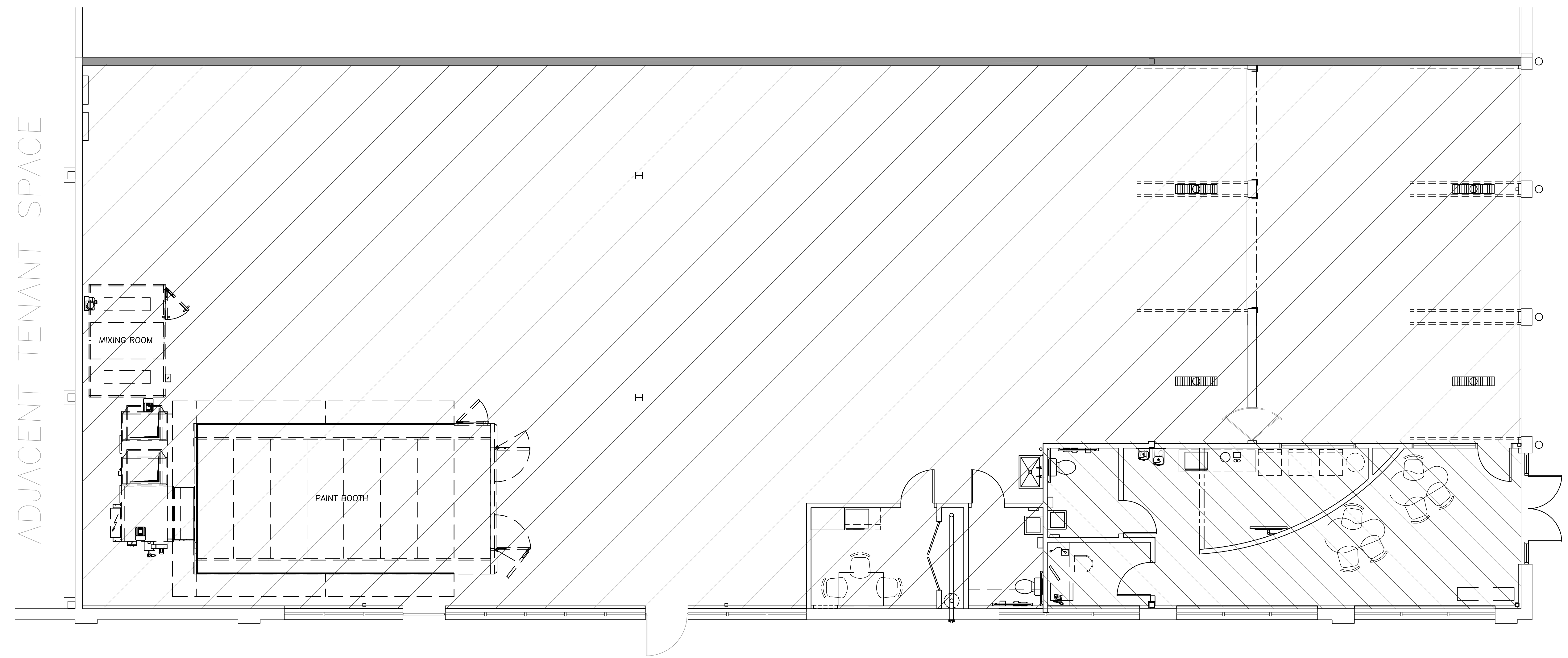
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1 LIFE SAFETY PLAN SCALE: 3/16" = 1'-0"

DESIGNED OCCUPANT LOAD
 PER: BUILDING CODE TABLE 1004.1.1 & SECTION 1004.1

AREA:

	S1 AREA: 5,686 SF / 300 SF = 19
	BUSINESS AREA: 649 SF / 100 SF = 7
	TOTAL AREA: 6,335 SF
	TOTAL OCCUPANTS: 26



NOTE: SEE DESIGNED OCCUPANCY CALCULATION @ RIGHT

2 OCCUPANCY PLAN SCALE: 3/16" = 1'-0"



WHITEHALL, PENNSYLVANIA

SEAL:

I CERTIFY THAT THESE DRAWINGS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DAILY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF PENNSYLVANIA, LICENSE NUMBER RA-012111-B, EXPIRATION DATE 09/30/2013.

SCALE: 3/16" = 1'-0"

PROJECT NO. CMWH_1108

SHEET TITLE: LIFE SAFETY + OCCUPANCY PLAN

SHEET

G2.1

SUBMISSION AND REVISION DATES	
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WHITEHALL, PENNSYLVANIA

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

PROJECT NO. CMWH_1108

SHEET TITLE
CONSTRUCTION PLAN

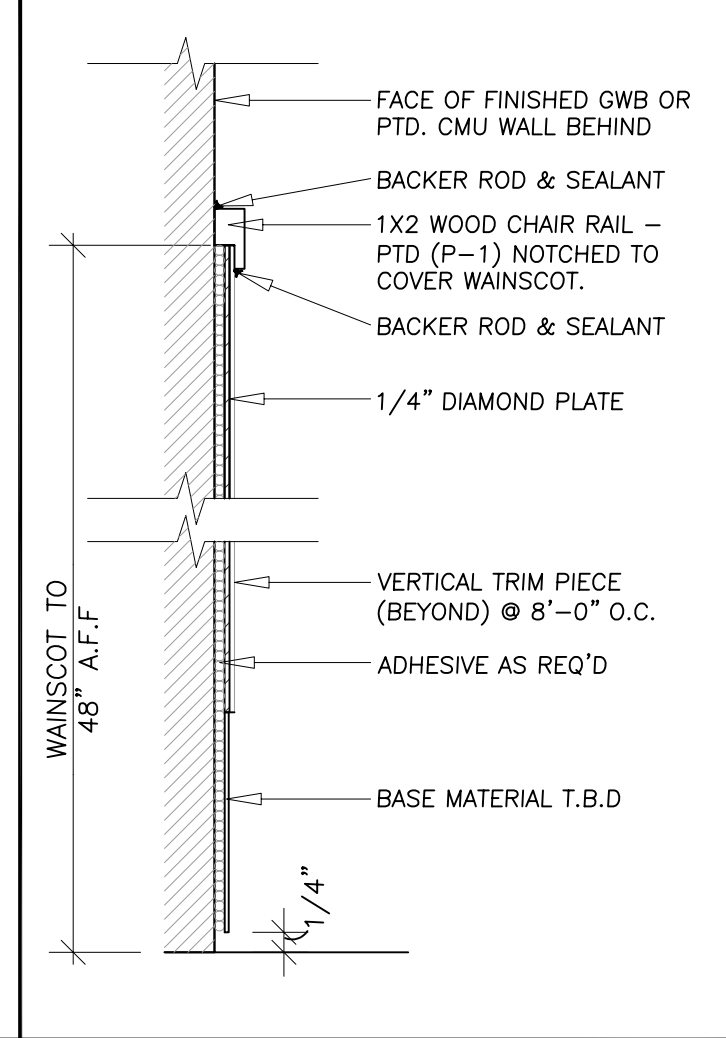
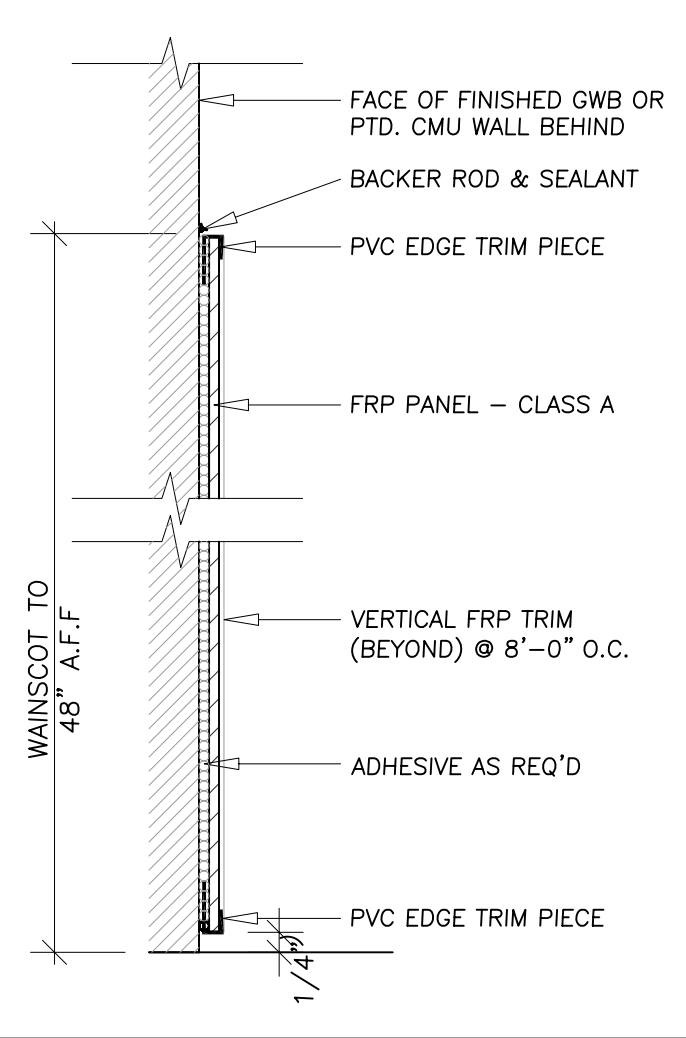
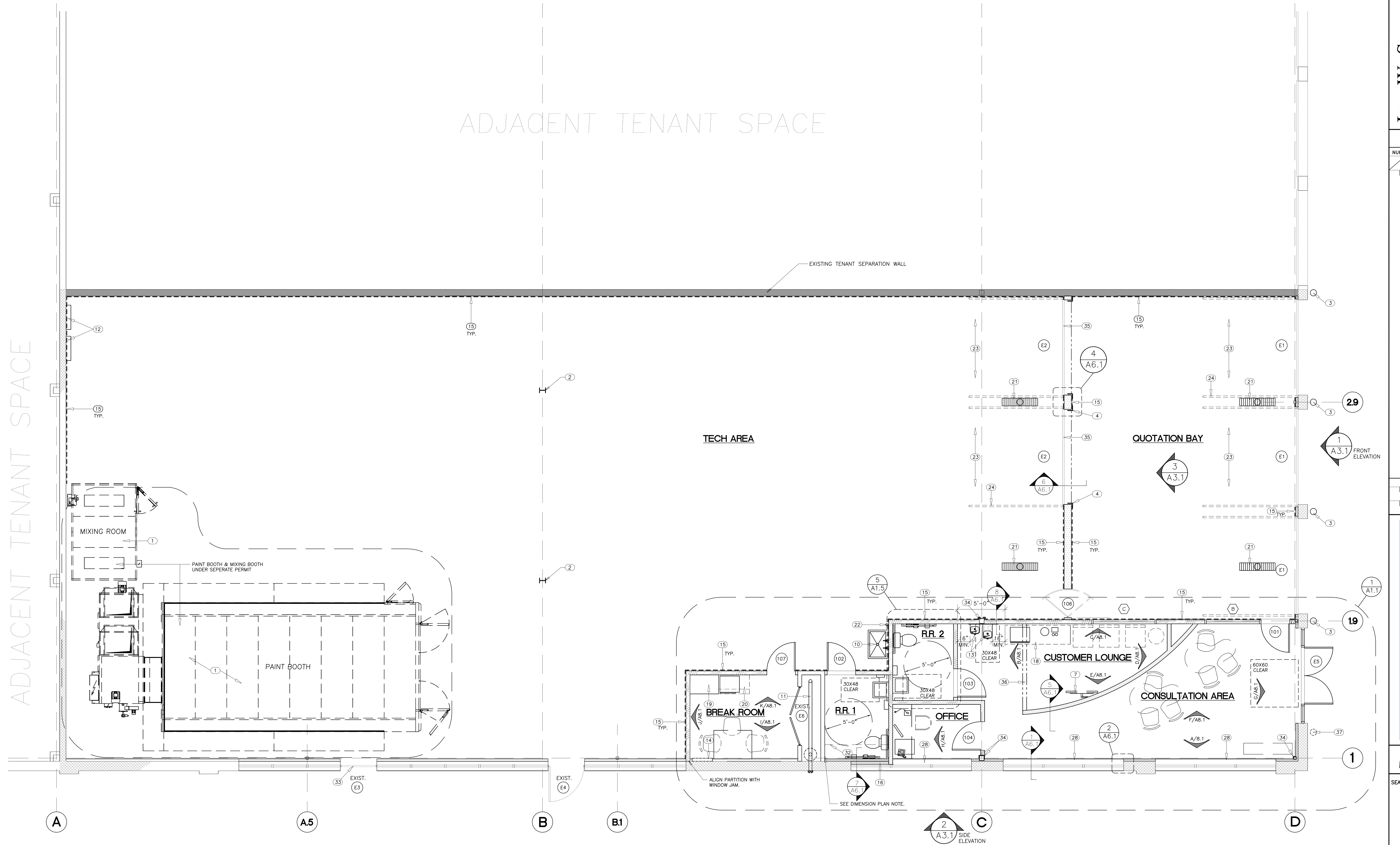
SHEET

A1.0

OF

ADJACENT TENANT SPACE

ADJACENT TENANT SPACE



WALL TYPES	
NOTE: UNLESS OTHERWISE NOTED METAL STUDS ARE TO BE 20 GA. @ 16" O.C. SEE SHEET A1.1 FOR METAL STUD WIDTHS. SEE SECTION 5/A6.1 FOR TYPICAL WALL CONSTRUCTION.	
	EXISTING TENANT SEPARATION WALL - ETR
	EXISTING 12" CMU WALL TO REMAIN. REFER TO FIRE RESISTANCE OF BUILDING ELEMENTS ON SHT. T1.0 FOR ADDITIONAL INFORMATION.
	8" 18 GA. GALV-STL STUDS @ 16" O.C. W/ 5/8" GWB. EXTEND TO UNDERSIDE OF WOOD RAFTERS. INSULATED. BOTTOM EXPO. PLATE PRESSURE TREATED.
	NEW 3 5/8" METAL STUD PARTITION W/ 5/8" GWB SHEATHING EACH SIDE TO 6" ABOVE FINISHED CEILING.
	NEW 2 1/2" METAL STUDS @ 24" O.C. W/ VB 2" STYROFOAM RIGID INSUL. TO 8" ABOVE FINISHED CEILING.
	NEW 3 5/8" METAL STUD PARTITION TO UNDERSIDE OF ROOF DECK W/ 5/8" GWB SHEATHING EACH SIDE.
	FULL THICKNESS & HEIGHT FIBERGLASS BATT INSULATION WITHIN NEW METAL STUD PARTITION (SEE WALL TYPES ABOVE); SEE SECTION 7/A6.1.

KEY NOTES	
1	PAINTING BOOTH AND PAINT MIXING AREA BY OTHERS, SEE COVER SHEET T1.0.
2	EXISTING STEEL COLUMN - PAINTED SAFETY YELLOW.
3	EXISTING BOLLARD - REFER TO EXTERIOR ELEVATIONS SHT. A3.1.
4	STL. ANGLE CORNER GUARDS - PTD. SEE DETAIL 4/A6.1.
5	NOT USED.
6	NOT USED.
7	NEW WALL-MOUNTED T.V.; BOT. @ 6"-8" AFF MIN.; COORDINATE WITH OWNER.
8	NOT USED.
9	NOT USED.
10	NEW SERVICE SINK; SEE PLUMBING DRAWINGS.
11	EXISTING SPRINKLER CLOSET & EQUIPMENT TO REMAIN.
12	ELECTRIC PANELS - REFER TO ELECTRICAL DWGS.
13	NEW HAWS BRAND DRINKING FOUNTAINS; REFER TO PLUMBING DWGS.
14	EXISTING FIRE ALARM PANEL TO BE RELOCATED. LOCATION MUST BE APPROVED BY FIRE CODE OFFICIAL PRIOR TO INSTALLATION; REFER TO ENGINEERS' PLANS.
15	WAINSCOT TO 48" A.F.F. WAINSCOT IN TECH AREA TO BE FRP; WAINSCOT IN QUOTATION BAY TO BE DIAMOND PLATE. SEE DETAILS 1 & 2 THIS SHEET.
16	ENCLOSE EXISTING WINDOW OPENING; SEE SECTION 7/A6.1.
17	NOT USED.
18	CUSTOMER LOUNGE CONDIMENT/BEVERAGE STATION & EQUIPMENT SUPPLIED BY OWNER.
19	BREAK ROOM EQUIPMENT BY OWNER. G.C. TO COORDINATE INSTALLATION.
20	BREAK ROOM COUNTER & SHELVES BY G.C.
21	TRENCH DRAINS, REFER TO PLUMBING DWGS. SEE FINISH PLAN SHEET A1.1 FOR SLAB SLOPE.
22	HOSE BIB; REFER TO PLUMBING DWGS.
23	ADJUST FIRE SPRINKLER HEADS AS REQ'D FOR OVERHEAD DOOR OBSTRUCTION.
24	OVERHEAD DOOR TRACK, TYPICAL.
25	NOT USED.
26	NOT USED.
27	NOT USED.
28	P.L.A.M. SILL - SEE WINDOW SECTIONS SHEET A10.1.
29	NOT USED.
30	NOT USED.
31	NOT USED.
32	P.L.A.M. STORAGE SHELF ABOVE; BOTTOM @ 8'-0" A.F.F. SEE DETAIL 1/A1.5.
33	DOOR NOT FOR USE; G.C. TO SHUT AND LOCK DOOR. G.C. TO ADD IN 6" HIGH LETTERS "DOOR BLOCKED", COLOR: SAFETY YELLOW.
34	FUR-OUT COLLUM ON ALL EXPOSED SIDES W/ 5/8" GWB PTD. G.C. TO COORDINATE RE-USE AND INSTALLATION OF EXISTING OVERHEAD DOORS (INCL. TWO FROM ADJACENT TENANT) WITH OWNER. NOTE: G.C. SHALL PURCHASE & INSTALL MOTORIZED DOOR OPENER THAT IS COMPATIBLE WITH DOOR SPECIFICATION; SEE ELECTRICAL DWGS. FOR POWER CONNECTION.
35	GWB BULKHEAD, BOTTOM @ 9'-0" A.F.F. G.C. TO REMOVE EXISTING BOLLARD, PATCH CONCRETE, IF NECESSARY, TO PROVIDE SMOOTH LEVEL SURFACE CONSISTENT IN COLOR & TEXTURE WITH SURROUNDING.

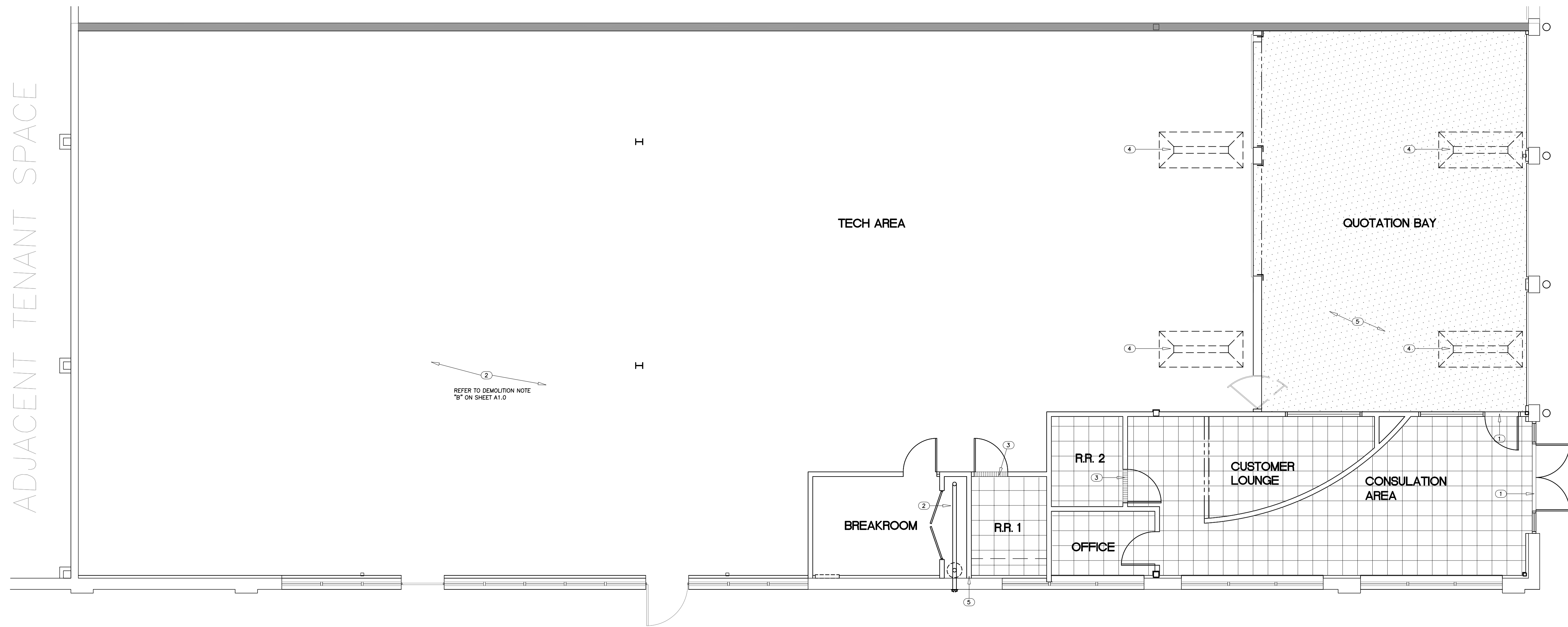
DEMOLITION NOTES	
A.	BIDDING G.C. SHALL VISIT THE SITE TO DETERMINE THE EXTENT OF INTERIOR WALL & FLOOR DEMOLITION REMAINING.
B.	ANY REMAINING VINYL FLOOR SHALL BE REMOVED AND THE CONCRETE SLAB GROUND AND/OR FLASH PATCHED FOR SMOOTH LEVEL SURFACE.
C.	REFER TO ELECTRICAL, MECHANICAL, AND PLUMBING DRAWINGS FOR ANY ADDITIONAL DEMOLITION INFORMATION.

GENERAL NOTES	
A.	REFER TO CODE ANALYSIS ON SHEET T1.0 TO VERIFY IF FIRE RETARDANT TREATED WOOD FRAMING & PLYWOOD IS REQUIRED.
B.	REFER TO DIMENSION PLAN SHEET A1.1 FOR STUD FRAMING INFO.
C.	REFER TO WALL SECTIONS ON SHEET A6.1 FOR ADDITIONAL INFORMATION.
D.	REFER TO DOOR & WINDOW SCHEDULE ON SHEET A10.1 FOR ADDITIONAL INFORMATION.

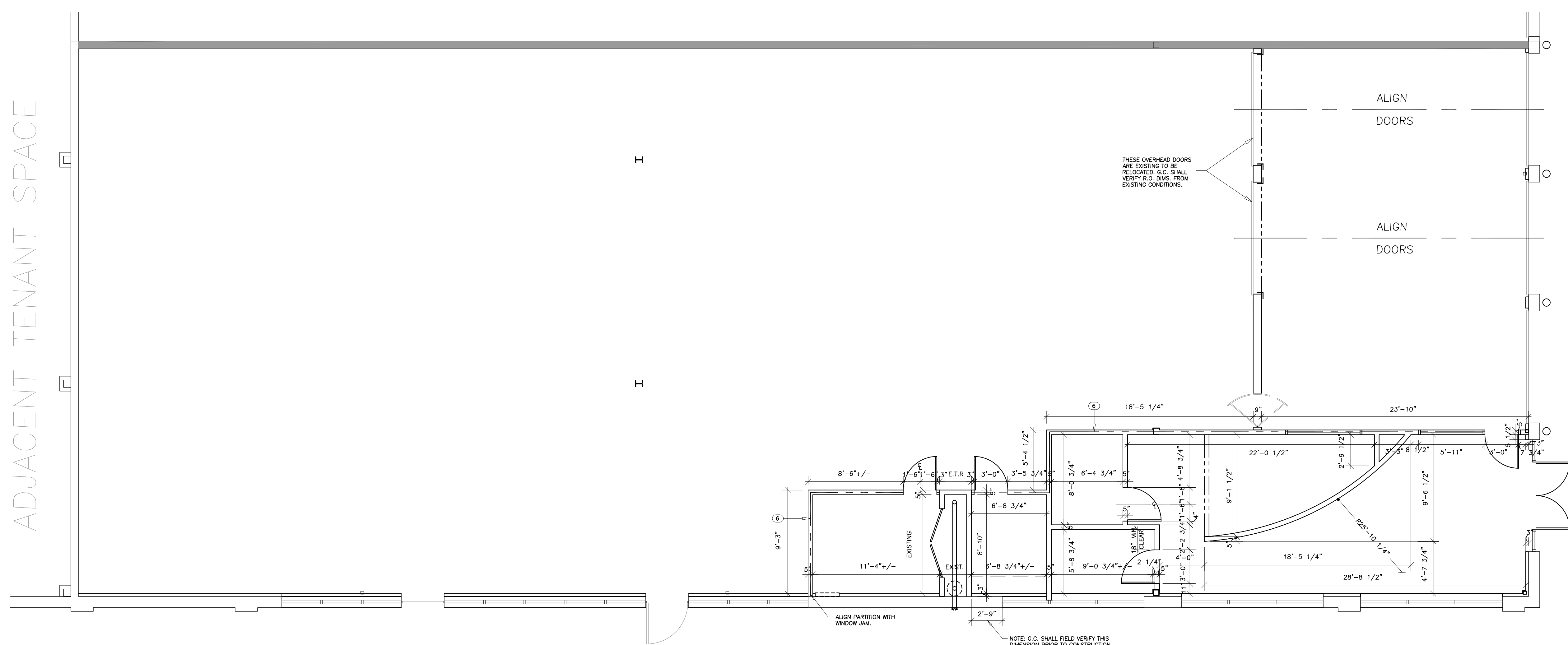
DOOR + WINDOW TYPES	
○	DOOR - REFER TO DOOR SCHEDULE ON SHEET 10.1.
◻	WINDOW - REFER TO DOOR SCHEDULE ON SHEET 10.1.

FINISH NO.	PRODUCT/SIZE	MANUFACTURER	COLOR	CONTACT
CEILING(C)				
ACT-1	ACOUSTICAL TILE- 4321 OLYMPIA MICRO CLIMAPLUS OR EQUIV. - 2' X 2' X 3/8"	USG	TILE & EDGE: WHITE	EMILY REISTER AT USG, (800) 874-8870, EXT. 6389; GRID: (E) CENTRICITEE DXT
BASE(B)				
CB-1	COVE BASE - VINYL - 4" HEIGHT, 1/8" THICKNESS	JOHNSONITE	40 BLACK	MARK BISCHOFF AT JOHNSONITE, (800)899-8916, EXT. 784
CB-2	CERAMIC TILE BASE - LUXOR 3 3/4" X 12"	UNITED STATES CERAMIC TILE	62 TANGERINE TANGO	LORI RING AT HAMILTON PARKER COMPANY, (614) 358-7834
FLOOR(F)				
CT-1	CERAMIC TILE-LUXOR - 16" X 16"	UNITED STATES CERAMIC TILE	U1412-16UP COCOA, UNPOLISHED	LORI RING AT HAMILTON PARKER COMPANY, (614) 358-7834
CONC-1	EPOXY FLOOR FINISH	TBD	GRAY	
CONC-2	POWER WASH & APPLY (2) COATS CONC. SEALER	-	-	-
CONC-3	LEVELED CONCRETE OVER EXIST. SLAB W/ 2 COATS CONC. SEALER	TBD	TBD	
WALL(W)				
CT-2	4"x4" CERAMIC TILE W/ 6" HIGH CERAMIC COVE BASE & BULLNOSE WALL CAP	TBD	TBD	
FRP-1	FIBERGLASS REINFORCED PANEL	MARLITE	S 118G ALMOND	
P-1	PRIMER: *1030-1200 PREP & PRIME PVA INTERIOR WATER BASED PRIMER, PAINT: *1402 ULTRA HIDE 250 ACRYLIC EGGSHELL INTERIOR WALL & TRIM PAINT INTERIOR PAINT	GLIDDEN PROFESSIONAL	1088 83/014 DRIFTING SNOW (WHITE)	GENE MILLER AT GLIDDEN PROFESSIONAL, (937) 604-0004
P-2	PRIMER: 3210-1200 PREP & PRIME GRIPPER MULTI-PURPOSE WATER BASED PRIMER; PAINT: *3002 LIFE MASTER ACCENTS INTERIOR/EXTERIOR ACRYLIC LATEX EGGSHELL FINISH		4388 09/340 BLAZER BLUE (BLUE)	
P-3			50YR 18/650 CHINATOWN ORANGE (ORANGE)	

ROOM NAME	ROOM FINISH SCHEDULE										
	FLOOR	BASE	WALLS	CEILING	NOTES						
CUSTOMER LOUNGE	X	X	X	X	USE CB-2 @ CURVE WALL						
CONSULTATION AREA	X	X	X	X	USE CB-2 @ CURVE WALL						
BREAK ROOM	X	X	X	X							
OFFICE	X	X	X	X							
RESTROOM 1	X	X	X	X							
RESTROOM 2	X	X	X	X							
QUOTATION BAY	X	X	X	X							
SHOP AREA	X	X	X	X							



1 FINISH PLAN & NOTES SCALE: 3/16" = 1'-0"



2 DIMENSION PLAN SCALE: 3/16" = 1'-0"

A NOT USED SCALE: N.T.S.

FINISH PLAN NOTES

- A. REFER TO DIMENSION PLAN ABOVE FOR WALL LOCATIONS.
- B. POWER WASH ALL CONCRETE SLAB SURFACES THAT ARE TO BE SEALED.
- C. SUBMIT FINISH SAMPLES WHEN REQUESTED BY OWNER OR ARCHITECT.
- D. THE OWNER RESERVES THE RIGHT TO SELECT A SUBSTITUTE FROM THE MANUFACTURER'S COLORS AND FINISHES.
- E. GO TO COORDINATE W/OWNER ALL INTERIOR FINISHES PRIOR TO APPLICATION.
- F. CONFORM TO ARCHITECTURAL WOODWORK INSTITUTE (AWI-LATEST EDITION) OR WOODWORK INSTITUTE OF CALIFORNIA (WIC-LATEST EDITION).
- G. VERIFY AND COORDINATE ALL GRAPHIC ELEMENTS/REQUIREMENTS WITH GRAPHICS MANUFACTURER. PROVIDE MOUNTING ATTACHMENTS AND/OR BLOCKING AS REQ'D FOR SECURE CONNECTION TO WALLS.
- H. COORDINATE ALL ELECTRICAL AND PLUMBING CONTAINED IN FIXTURES WITH GENERAL CONTRACTOR. ALL EQUIPMENT SPECIFICATIONS AND SIZES TO BE VERIFIED PRIOR TO CONSTRUCTION/FABRICATION, INCLUDING BLOCKING, ELECTRICAL, PLUMBING, MECHANICAL, VENTILATION, OPERATIONAL ACCESS, AND MAINTENANCE ACCESS PER MANUFACTURER'S RECOMMENDATIONS/GUIDELINES AND OWNER'S SPECIFIC DIRECTIONS.
- I. NOT ALL ITEMS ARE ALWAYS CONTAINED WITHIN THE CONSTRUCTION DOCUMENTS. CONSULT THE SPECIFIC SITE FIXTURE PLAN TO DETERMINE THE EXTENT OF ACTUAL FIXTURES THAT ARE UTILIZED.
- J. PROVIDE WIRE MANAGEMENT AS NEEDED PER EQUIPMENT REQUIREMENTS. VERIFY ALL ELECTRIC, PHONE, AND DATA REQUIREMENTS WITH OWNER.
- K. PROVIDE SILENCER PADS AT ALL DOORS AND DRAWERS ON ALL FIXTURES.
- L. PROVIDE SCRIBE EXCESS WHERE APPLICABLE, SCRIBE TO FIT.
- M. ALL FIXTURES WITH LOCKS TO BE MASTER KEYED.
- N. FINISH ALL EXPOSED SURFACES & EDGES.
- O. ALL ACRYLIC EDGES MUST BE EASED & POLISHED SMOOTH.
- P. EASE ALL PLASTIC LAMINATE EDGES.
- Q. VERIFY/PROVIDE CORRECT METAL GAUGE AND FABRICATION DETAILS AS REQ'D TO STRUCTURE, SUPPORT, AND ANCHOR FULLY LOADED FIXTURES AND/OR PARTS OF FIXTURES.
- R. VERIFY AND COORDINATE ALL HARDWARE SYSTEMS WITH OWNER STANDARDS.
- S. MILLWORK VENDOR TO DEFINE BLOCKING REQUIREMENTS TO GENERAL CONTRACTOR.
- T. INTERNAL STRUCTURE OF FIXTURES TO BE CONSTRUCTED USING MEDIUM DENSITY FIBER BOARD.

KEY NOTES

- 1 H.C. ACCESSIBLE ALUM. THRESHOLD
- 2 FINISH W/ 2 COATS CONCRETE SEALER. REFER TO FINISH LEGEND BELOW.
- 3 H.C. ACCESSIBLE MARBLE THRESHOLD.
- 4 CUT EXISTING CONC. SLAB 18" WIDER THAN TRENCH DRAIN ALL AROUND. REPLACE W/NEW CONCRETE SLAB @ 1/4" SLOPE DOWN PER LINEAR FOOT.
- 5 EPOXY FINISH OVER EXISTING CONCRETE SLAB.
- 6 CONCRETE CURB BELOW, SEE SECTION 8/A6.1 FOR DETAILS.

DIMENSION PLAN NOTES

- A. AT START OF CONSTRUCTION, G.C. SHALL FIELD VERIFY ALL DIMENSIONS & NOTIFY THE ARCHITECT OF ANY DISCREPANCIES.
- B. ALL INTERIOR WALL DIMENSIONS ARE TO FACE OF SHEATHING U.N.O.
- C. ALL EXTERIOR DIMENSIONS TO FACE OF EXTERIOR SHEATHING OR FACE OF BRICK.

INTERIOR WALL FRAMING

- 5" NOMINAL FULL HEIGHT WALL THICKNESS = 3 5/8" 20 GA. METAL STUDS @ 24" O.C.
- 8" NOMINAL WALL THICKNESS = 8" METAL STUDS @ 16" O.C.
- ALL GWB IS 5/8" THICK.

FLOOR FINISH LEGEND

	CT-1 CERAMIC TILE. SEE FLOOR FINISHES ABOVE.
	CONC-1 EPOXY FINISH OVER EXIST. CONC. SEE FLOOR FINISHES ABOVE.
	CONC-2 POWERWASH AND SEAL ALL EXPOSED CONCRETE W/ SHERWIN-WILLIAMS H&C SILICON ACRYLIC CONCRETE SEALER - 2 COATS PER MANUFACTURER'S SPECIFICATIONS.

3 DIMENSION NOTES SCALE: 3/16" = 1'-0"

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Carometrics
EXPERT ACCIDENT REPAIR

WHITEHALL, PENNSYLVANIA

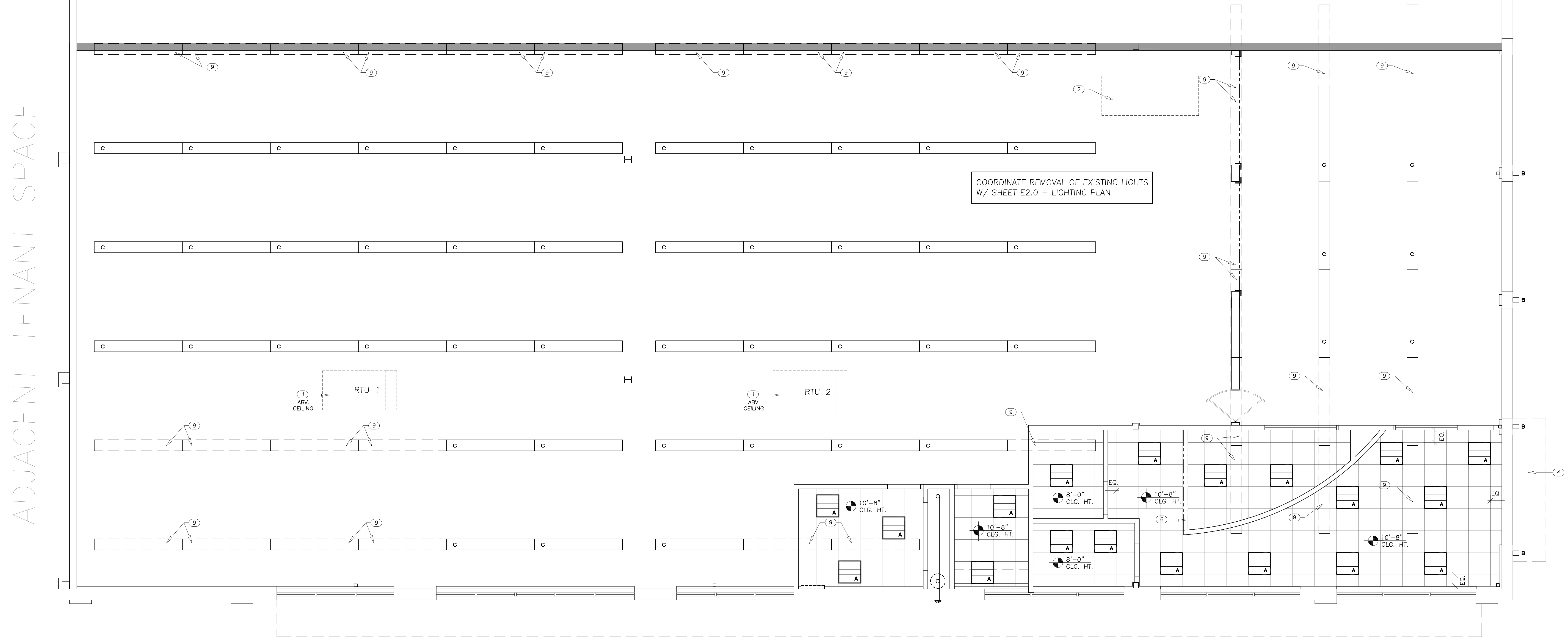
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SCALE: 3/16" = 1'-0"
UNO
PROJECT NO. CMWH_1108
SHEET TITLE: FINISH + DIMENSION PLAN
SHEET

A11
OF

ADJACENT TENANT SPACE

ADJACENT TENANT SPACE



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

2 NOT USED
SCALE: N.T.S

LIGHT FIXTURE SCHEDULE

NAME	LEGEND	DESCRIPTION
A		RECESSED FLUORESCENT - Lithonia Lighting 2-light white ceiling troffer, 24x24, Model # 2SP8G2U316A12120GESB.
B		NEW EXTERIOR WALL SCONCE
C		EXISTING HANGING DOWNLIGHT TO REMAIN IN PLACE

NOTE: VERIFY ALL LIGHT FIXTURE LOCATION & SPECIFICATIONS WITH ELECTRICAL DRAWINGS.

KEY NOTES

- EXISTING RTU TO REMAIN; REFER TO MECHANICAL DRAWINGS.
- EXIST. MUA ON ROOF TO REMAIN.
- NOT USED.
- EXISTING CANOPY & LIGHTING BY LANDLORD.
- NOT USED.
- GWB BULKHEAD ABOVE @ 9'-0" A.F.F.
- NOT USED.
- MAKE-UP AIR UNIT ON ROOF
- G.C. TO REMOVE LIGHT AND STORE FOR FUTURE USE.
- NOT USED.
- NOT USED.

GENERAL RCP NOTES

- AT ALL AREAS "OPEN TO ABOVE", ALL VISIBLY EXPOSED INTERIOR ELEMENTS TO BE PAINTED [P-1], INCLUDING UNDERSIDE OF ROOF DECK, STRUCTURE AND FRAMING MEMEBERS, WALLS, ETC. VERIFY WITH OWNER.
- LIGHTING FOR NEW PAINT BOOTH BY OTHERS, TO BE PROVIDED IN PAINT BOOTH PACKAGE.

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

PROJECT NO.
CMWH_1108

SHEET TITLE
ROOF + RCP PLAN

SHEET

A1.2

OF

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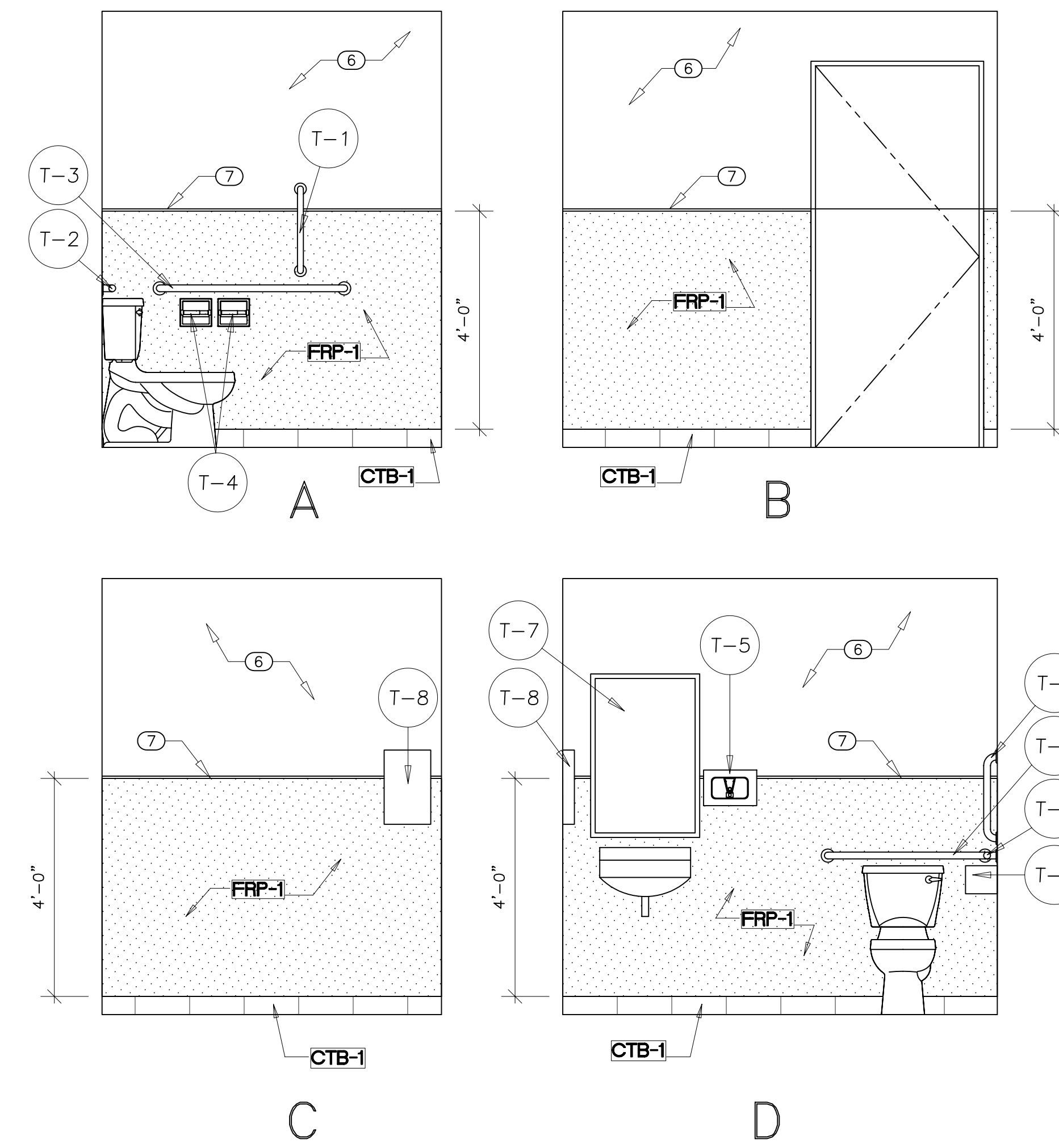
WHITEHALL, PENNSYLVANIA

SEAL:

ITEM	DESCRIPTION	NOTES	CONTACT
T1	GRAB BAR (18" VERTICAL MOUNT)	BOBRICK, 1 1/2" DIA. MODEL #B-6806.99. 18" LONG WITH PEENED NON-SLIP GRIPPING SURFACE.	FURNISHED & INSTALLED BY GC - G.C. TO PROVIDE SOLID WOOD BLOCKING IN WALL AS RECOMMENDED BY MANUF. FOR SUPPORT.
T2	GRAB BAR (36" HORIZONTAL MOUNT)	BOBRICK, 1 1/2" DIA. MODEL #B-6806.99. 36" LONG WITH PEENED NON-SLIP GRIPPING SURFACE.	FURNISHED & INSTALLED BY GC - G.C. TO PROVIDE SOLID WOOD BLOCKING IN WALL AS RECOMMENDED BY MANUF. FOR SUPPORT.
T3	GRAB BAR (42" HORIZONTAL MOUNT)	BOBRICK, 1 1/2" DIA. MODEL #B-6806.99. 42" LONG WITH PEENED NON-SLIP GRIPPING SURFACE.	FURNISHED & INSTALLED BY GC - G.C. TO PROVIDE SOLID WOOD BLOCKING IN WALL AS RECOMMENDED BY MANUF. FOR SUPPORT.
T4	RECESSED TOILET TISSUE DISPENSER	BOBRICK #B-6997 (2 ROLL DISPENSER) SATIN S/S FINISH	FURNISHED & INSTALLED BY GC - G.C. TO PROVIDE SOLID WOOD BLOCKING IN WALL AS RECOMMENDED BY MANUF. FOR SUPPORT.
T5	SOAP DISPENSER	SURFACE MOUNTED. BOBRICK B-2112.	FURNISHED & INSTALLED BY GC
T7	MIRROR	BOBRICK MODEL #B-165, SIZE 24" WIDE X 36" HIGH.	FURNISHED & INSTALLED BY GC
T8	RECESSED PAPER TOWEL DISPENSER	BOBRICK 36203, MOUNT TOP @ 54" AFF (LOCATED IN EMPLOYEE RESTROOMS AND IN PUBLIC RESTROOM HC STALLS ONLY WHEN HAND SINK IS PRESENT)	FURNISHED & INSTALLED BY GC

ITEM	LOCATION	MANUFACTURER	PRODUCT	COLOR	DIMENSION	REMARKS	
FN-1	COFFEE TABLE	CUSTOMER LOUNGE	IKEA	VEJMON ROUND COFFEE TABLE	BIRCH VENEER	35 3/8" DIA; 18 1/2" HT.	ITEM# 001.366.78
FN-2	TASK CHAIR	CONSULTATION AREA, OFFICE, RENTAL CAR CASHIER	HON INDUSTRIES	HWMAA.H.SX11.T IGNITION WORK MID-BACK CHAIR WITH ADJUSTABLE ARMS	SEAT FABRIC, DESIGNTEX, 2693 ROCKET 702 RED-ORANGE; BLACK FABRIC: 3-D KNT BLACK FRAME FINISH, BLACK		
FN-3	LOUNGE CHAIR	CUSTOMER LOUNGE	GLOBAL INDUSTRIES	7875F-07-SP; CITY CLUB CHAIR	FABRIC: LEGACY (GRADE 7); COLOR: L611 BURNT ORANGE	30"W; 31"D; 30"H	
FN-4	SIDE TABLE	CUSTOMER LOUNGE	IKEA	VEJMON ROUND SIDE TABLE	BIRCH VENEER	23 5/8" DIA; 23 5/8" HEIGHT	ITEM# 801.366.79
FN-5	LCD SCREEN	CUSTOMER LOUNGE & BREAK ROOM	BY OWNER	42" MONITOR SHOWN FOR CLARITY			BOTH MONITOR AND MONITOR MOUNT ARE BY OWNER GC PROVIDE POWER & DATA LINES
FN-6	DESK	OFFICE, SHOP FOREMAN OFFICE	TURNSTONE BY STEELCASE	PAYBACK LAMINATE DECKING	LAMINATE: LPL25U WINTER ON MAPLE	SIZE WILL VARY BY LOCATION	OR EQUIVALENT
FN-7	SIDE CHAIRS	OFFICE	HON INDUSTRIES	IGCLE.SX11.T, IGNITION GUEST CHAIR	FABRIC: GRADE V SX11 - GRADE V SILVERTEX; VINYL COLOR: MANDARIN (HON)		
FN-8							
FN-9	SOFA	CUSTOMER LOUNGE	COALESSE, A DIVISION OF STEELCASE	391-3 SWITCH	FABRIC: DESIGNTEX, 2693 ROCKET 701 CAROTENE FRAME FINISH: TRIVALENT SATIN CHROME		

NOTE: REFER TO SHT. A1.1 FOR WALL FINISH SPECIFICATIONS.



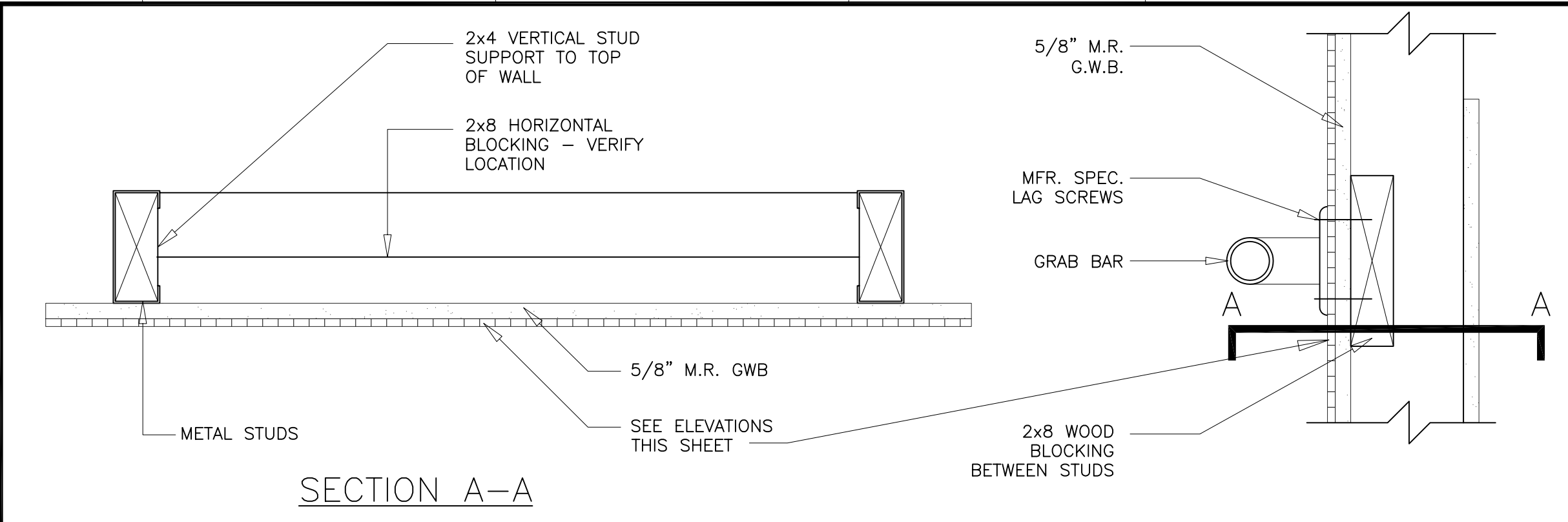
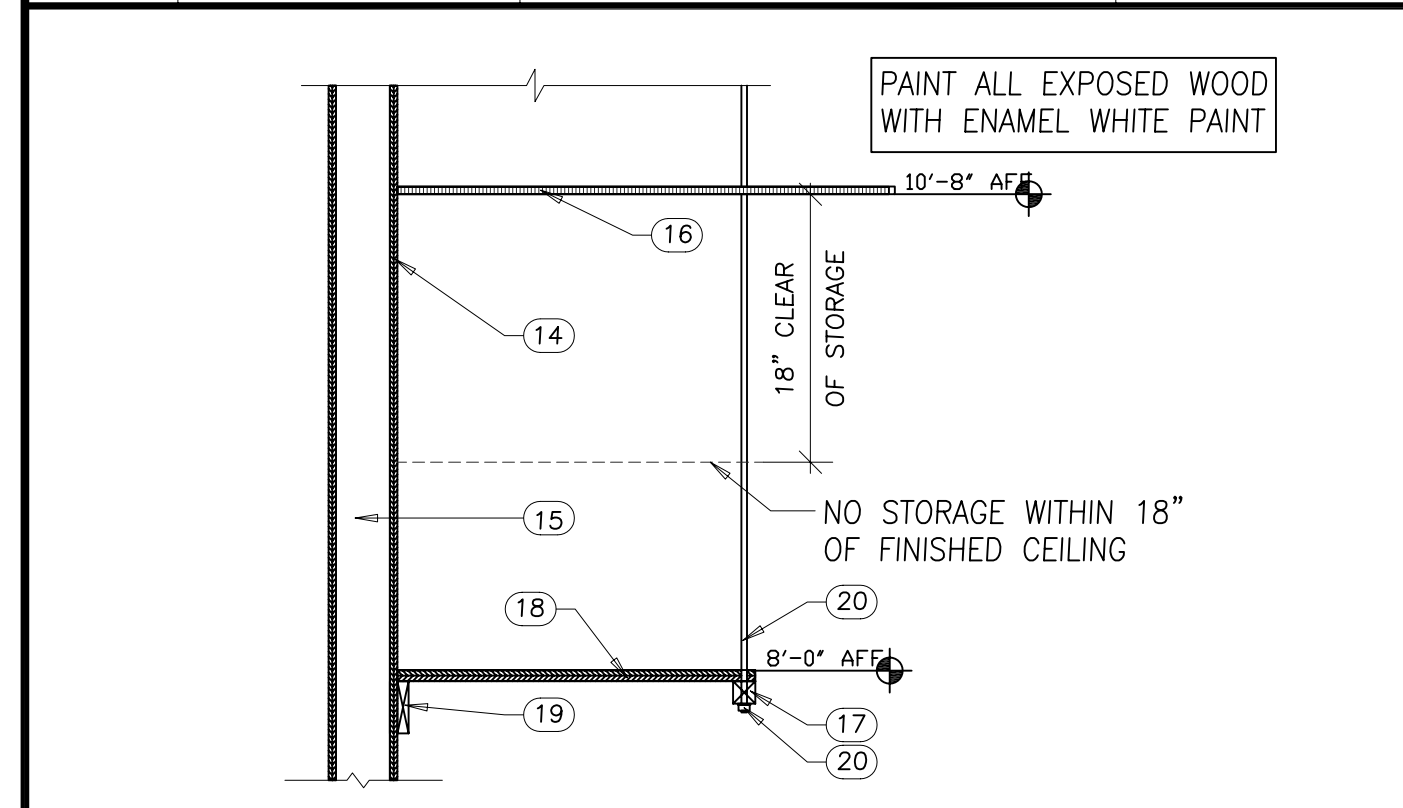
NOTE: FRP 1 & VINYL BASE IN RESTROOM 1
CERAMIC WALL TILE & BASE TILE IN RESTROOM 2

GENERAL NOTES	
A.	ALL FURNITURE PROVIDED BY OWNER.
B.	PROVIDE SOLID FRT WOOD BLOCKING/PLYWOOD SHEATHING AS REQUIRED FOR ALL WALL MOUNTED FIXTURES & SHELVING.
SHEET SYMBOLS	
X-#	FINISH TAG
XX	FURNITURE/FIXTURE TAG
KEY NOTES	
1	EQUIPMENT & SHELVING BY OWNER.
2	EMPLOYEE BREAK-ROOM TABLE & CHAIRS OWNER TO ORDER & INSTALL.
3	WASH SINK - REFER TO PLUMBING DWGS.
4	REFRESHMENT EQUIPMENT, INCLUDING CARSMETICS-APPROVED COFFEE CABINET/TABLE, TO BE SUPPLIED BY OWNER.
5	NEW DRINKING FOUNTAINS TO BE PROVIDED BY G.C.
6	M.R. G.W.B. - PAINTED.
7	PVC Z-BAR CAP TRIM.
8	NOT USED.
9	SUSPENDED SHELF, COORDINATE WITH DETAIL 1 ON THIS SHEET.
10	FUTURE DISPLAY CASE; G.C. TO COORDINATE WITH OWNER.
11	60" CLEAR TURNING DIAMETER.
12	GWB BULKHEAD ABOVE.
13	NOT USED.
14	FRP, COLOR WHITE.
15	METAL STUD PARTITION. REFER TO DIMENSION PLAN SHEET A1.1 FOR SIZE AND SPACING.
16	FINISHED CEILING REFER TO REFLECTED CEILING PLAN ON SHEET A1.2 FOR CEILING HEIGHTS AND FINISHES.
17	COAT. 2x2.
18	3/4" PLYWOOD SHELF W/ WHITE FRP ON TOP SURFACE & PAINTED WHITE ON ALL OTHER EXPOSED SURFACES - TYPICAL.
19	COAT. 2x4 - SCREW TO STUDS.
20	3/8" DIA. ALL-THREAD W/ NUT & WASHER @ BOTH ENDS. SECURE TO P1000 1 5/8" X 1 5/8" 12 GA. UNISTRUT. SPAN UNISTRUT BETWEEN MIN. (2) JOISTS & CLAMP TO BOTTOM CHORD.

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SUBMISSION AND REVISION DATES

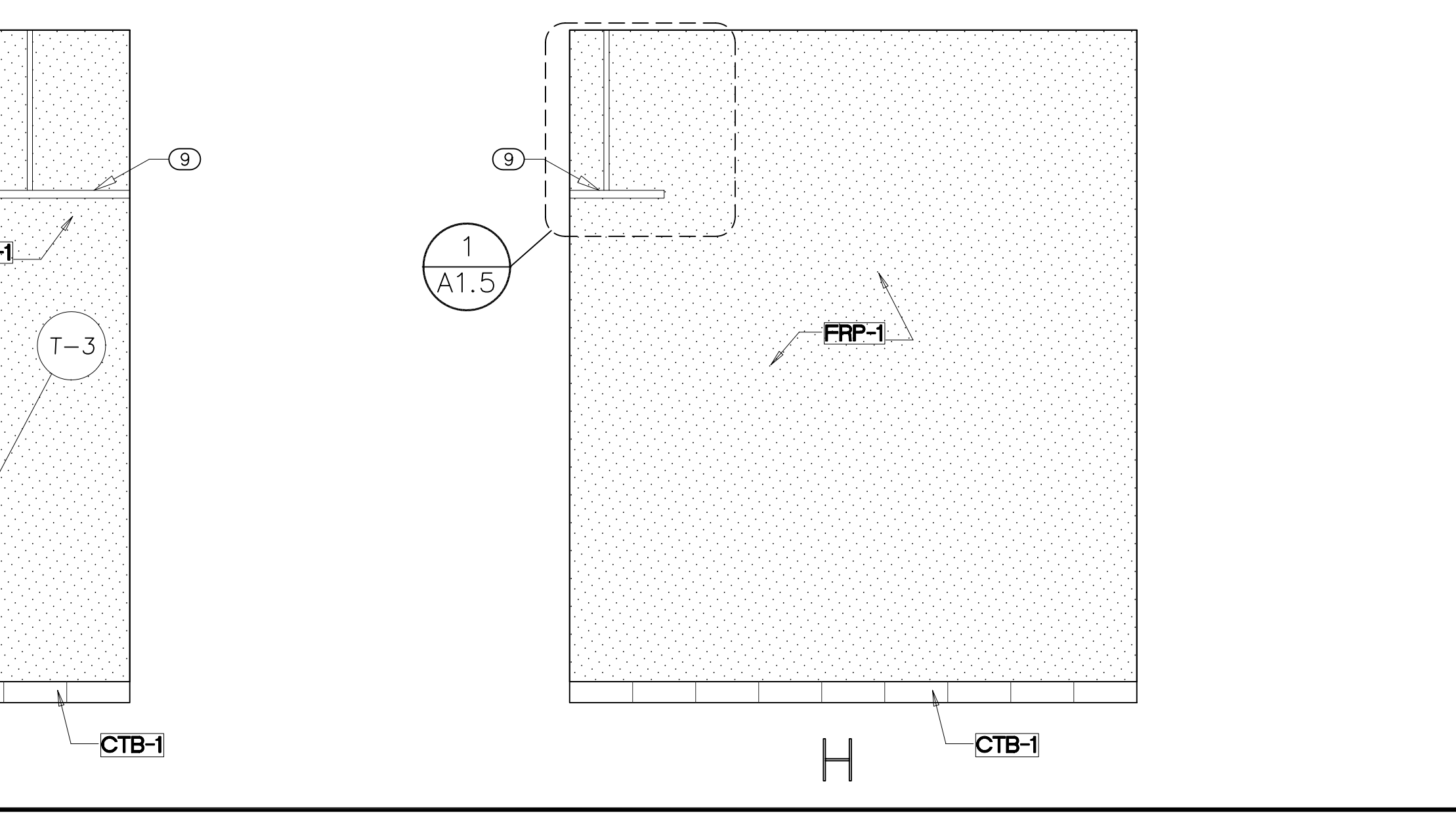
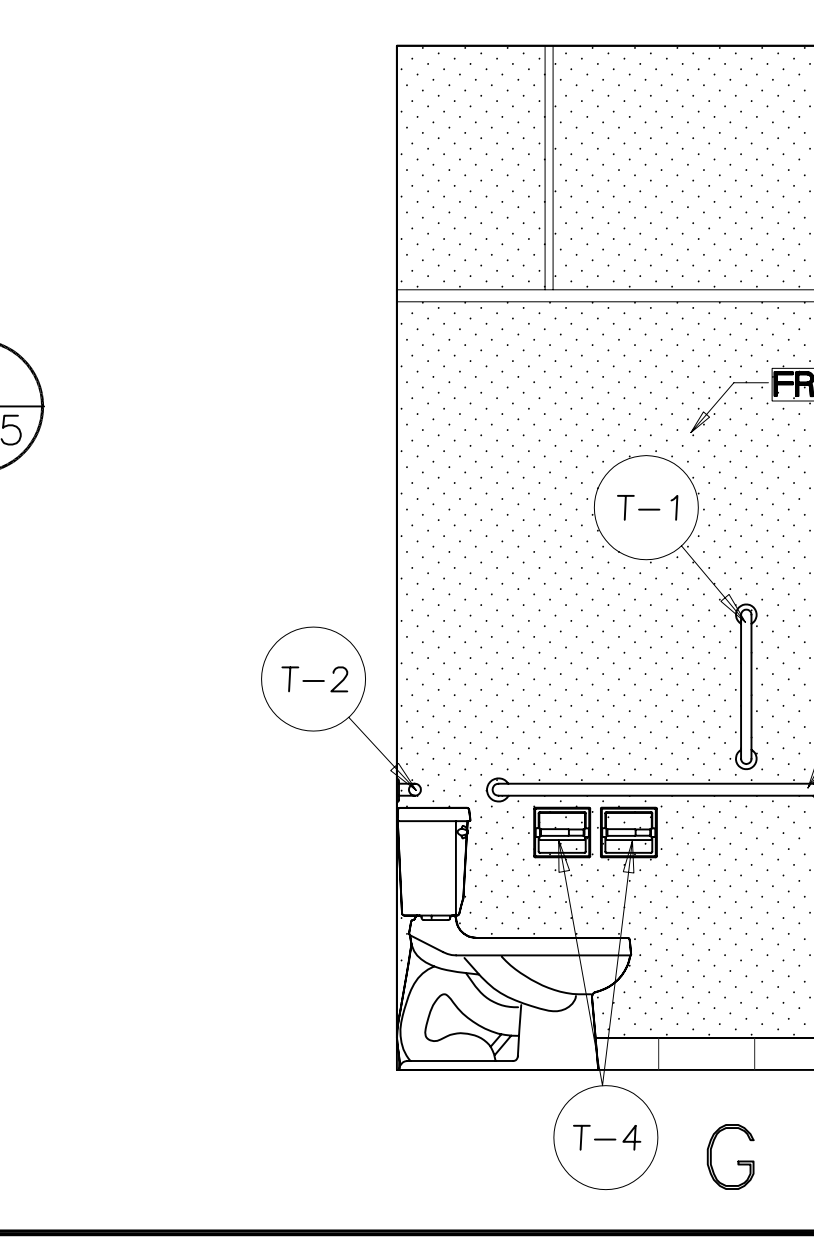
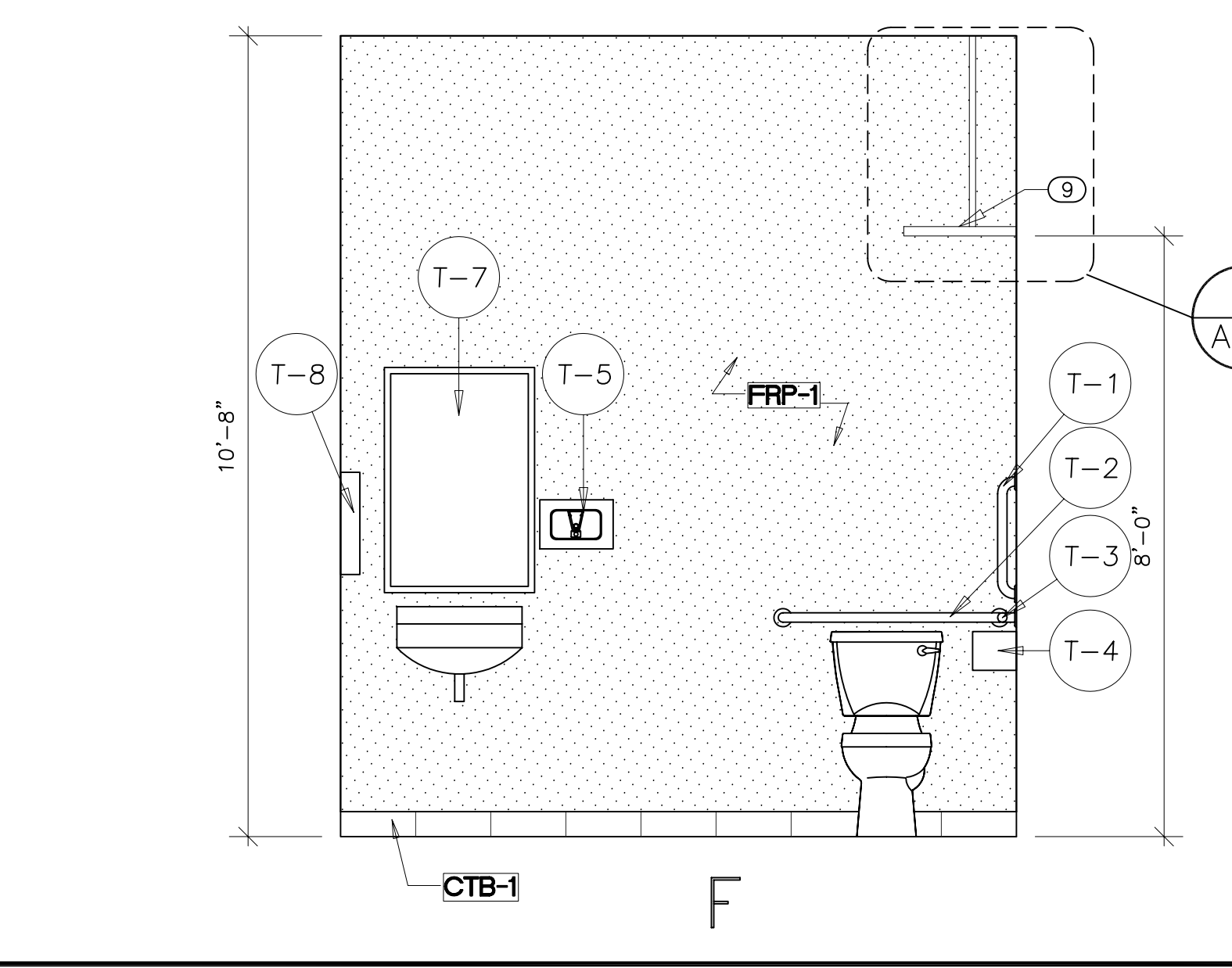
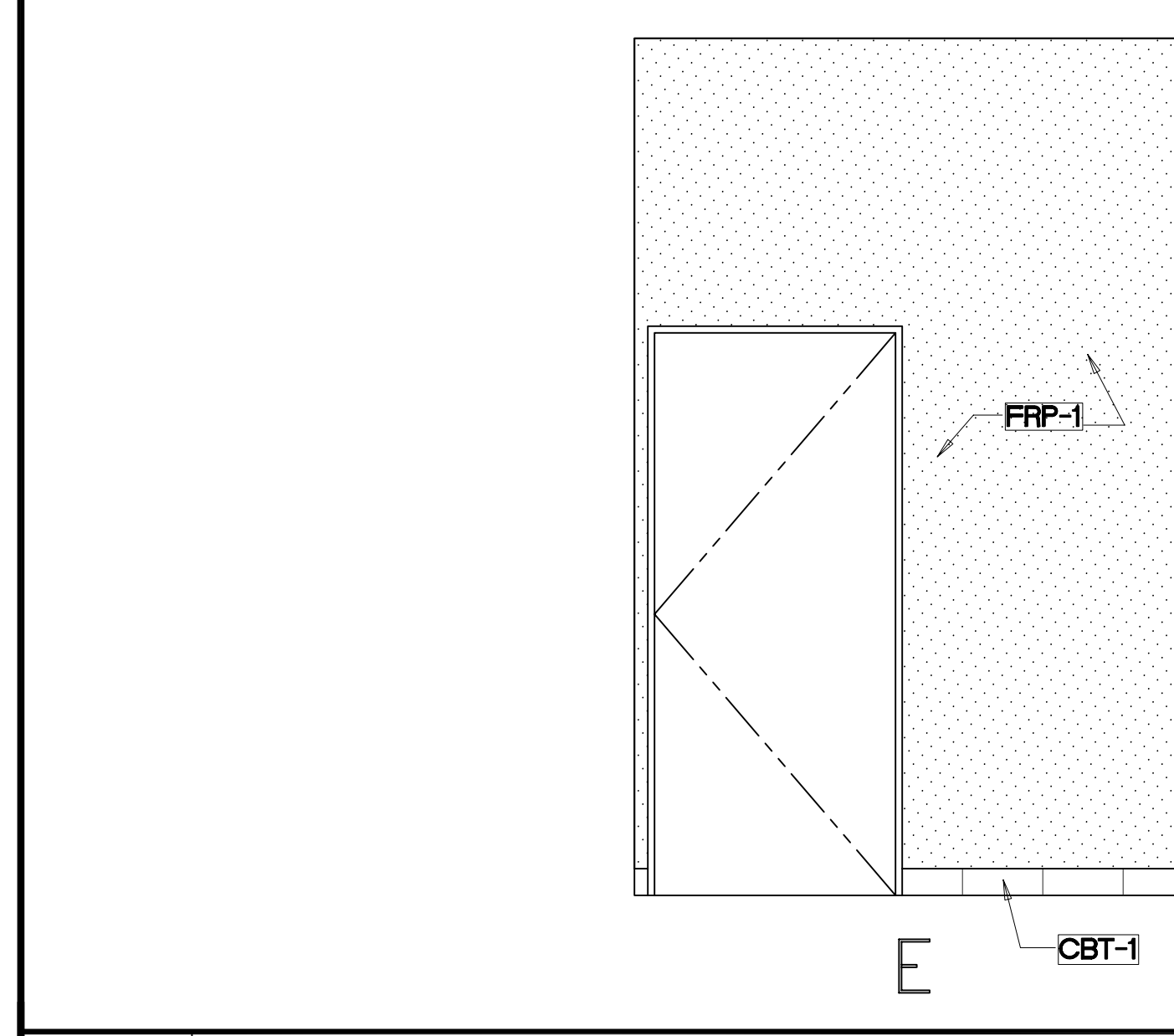
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12/05/2011	PERMIT SET



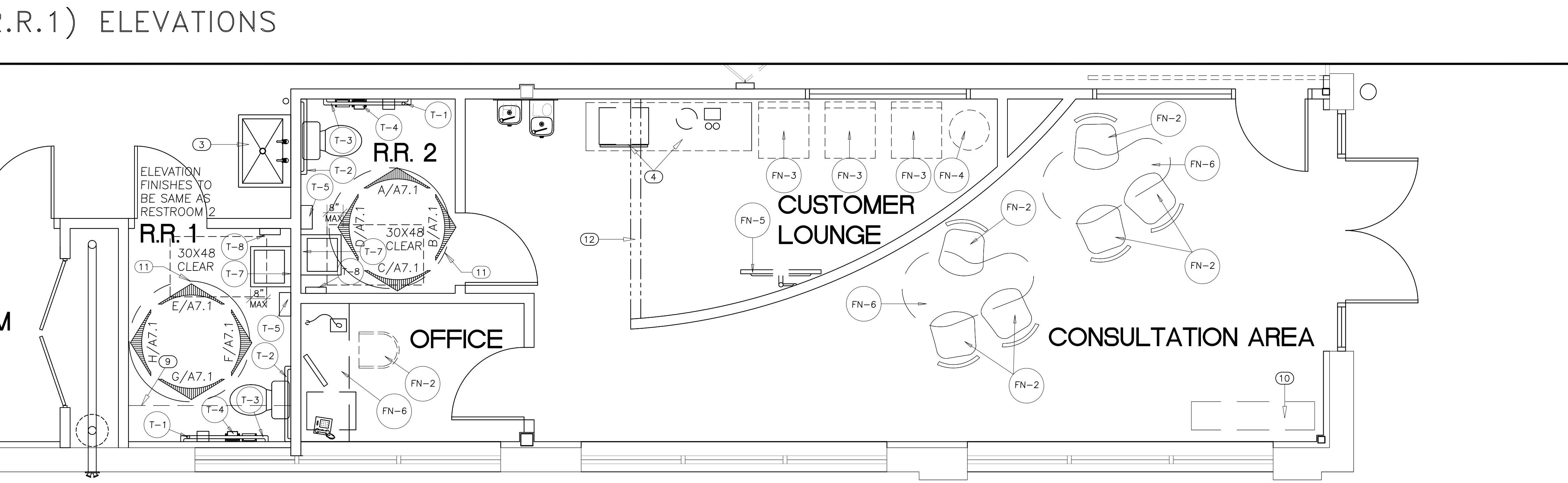
1 SHELF DETAIL
SCALE: N.T.S

2 RESTROOM DETAILS
SCALE: N.T.S

3 CUSTOMER RESTROOM (R.R.2) ELEVATIONS
SCALE: 1/2" = 1'-0"



4 EMPLOYEE RESTROOM (R.R.1) ELEVATIONS
SCALE: 1/2" = 1'-0"



5 ENLARGED PLAN
SCALE: 3/8" = 1'-0"

REVISION SYMBOLS

□ DOES NOT APPLY TO THIS SHEET

■ APPLIES TO THIS SHEET

Carmetics
EXPERT ACCIDENT REPAIR

WHITEHALL, PENNSYLVANIA

SCALE:

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SCALE: AS SHOWN UNO

PROJECT NO. CMWH_1108

SHEET TITLE: ENLARGED RESTROOM + FURNITURE PLAN

SHEET: **A1.5**

GENERAL NOTES

- A. REFER TO DOOR & WINDOW SCHEDULE ON SHEET A10.1 FOR ADDITIONAL INFORMATION.
- B. G.C. TO PAINT BOLLARDS AND ALL DOOR & WINDOW TRIMS EP-2.

KEY NOTES

- 1 EXISTING GARAGE DOOR TO REMAIN.
- 2 EXISTING METAL CANOPY BY LANDLORD.
- 3 NOT USED.
- 4 WALL SCONCE, FLOODLIGHTS & ACCENT LIGHT SPECS - TBD.
- 5 EXISTING WALL SCONCE TO REMAIN.
- 6 SIGNAGE BY TENANT SIGNAGE COMPANY; REFER TO SCOPE OF WORK SHT. T1.0.
- 7 WINDOW TO BE BLACKED OUT; APPLY 3-M OPAQUE FILM TO FACE OF INSIDE GLAZING; SEE SECTION 7/A6.1.
- 8 DOOR NOT FOR USE; COORDINATE W/SHEET A1.0.
- 9 RELOCATED OVERHEAD DOORS.
- 10 NEW DOUBLE SWING DOOR; COORDINATE WITH SHEET A10.1.
- 11 REFER TO SHEET A1.1 FOR PAINT SPECIFICATIONS.
- 12 NEW PRE-MANUFACTURED CORNER GRAPHIC PANEL PERMITTED AND INSTALLED BY TENANT'S SIGNAGE CONTRACTOR.
- 13 EXISTING EIFS FINISH TO REMAIN.
- 14 EXISTING SIAMESE F.D. CONNECTION.
- 15 EXISTING BUILDING LIGHTS.
- 16 EXISTING CANOPY TO REMAIN.
- 17 EXISTING BOLLARD PAINTED CHINATOWN ORANGE.
- 18 NEW WAINSCOT; COORDINATE WITH SHEET A1.0.
- 19 CUT GWB AROUND EACH JOIST & GROUT SOLID.
- 20 EXISTING BAR JOIST & DECK - PAINTED.
- 21 G.C. TO REMOVE EXTERIOR TUBE LIGHTS IN THIS LOCATION ONLY.
- 22 PLACE THIS LIGHT SO THAT THE DISTANCE BETWEEN THE STOREFRONT AND THE EDGE OF THE LIGHT MATCHES THAT OF THE OTHER SIDE OF THE STOREFRONT.

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12/05/2011	PERMIT SET

REVISION SYMBOLS	
□	DOES NOT APPLY TO THIS SHEET
■	APPLIES TO THIS SHEET

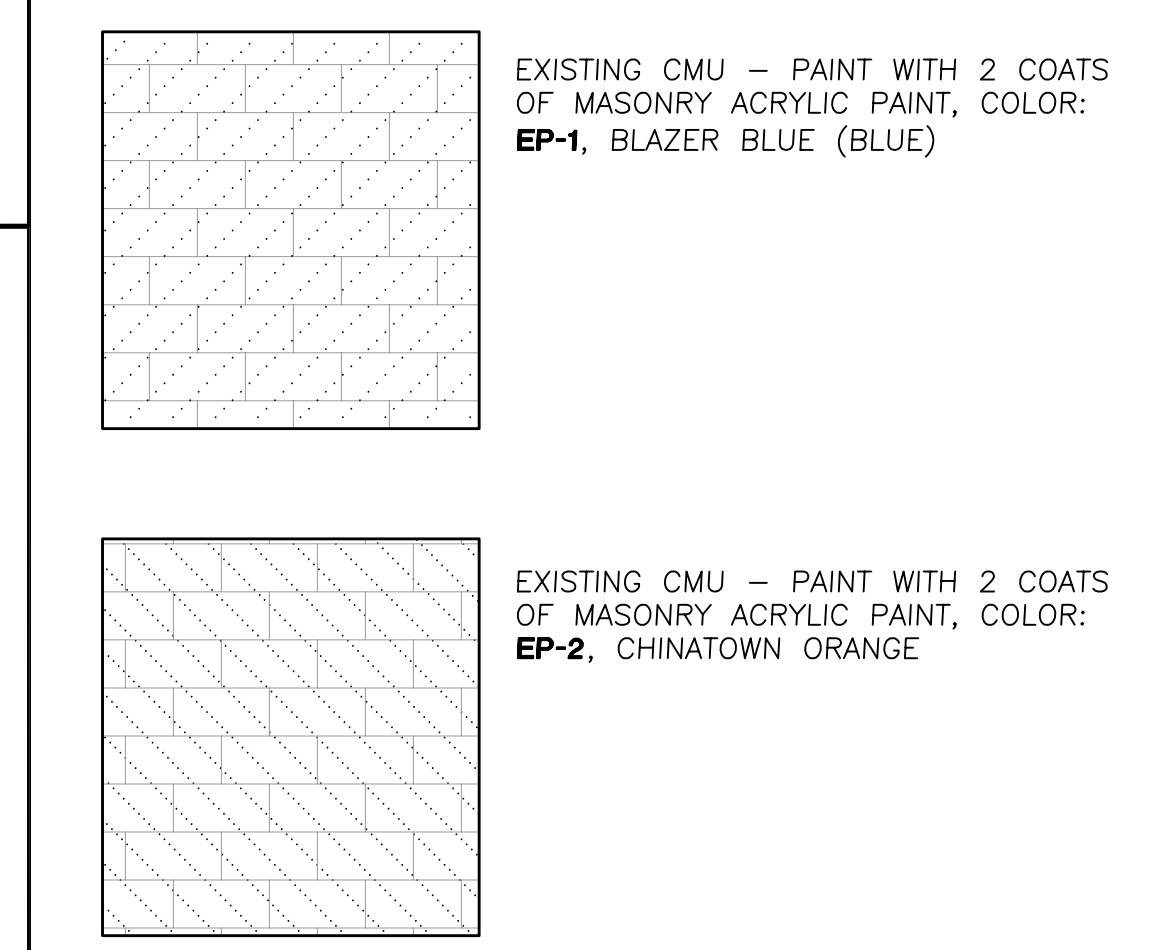


1 EXISTING WEST SIDE ELEVATION SCALE: 3/16" = 1'-0"

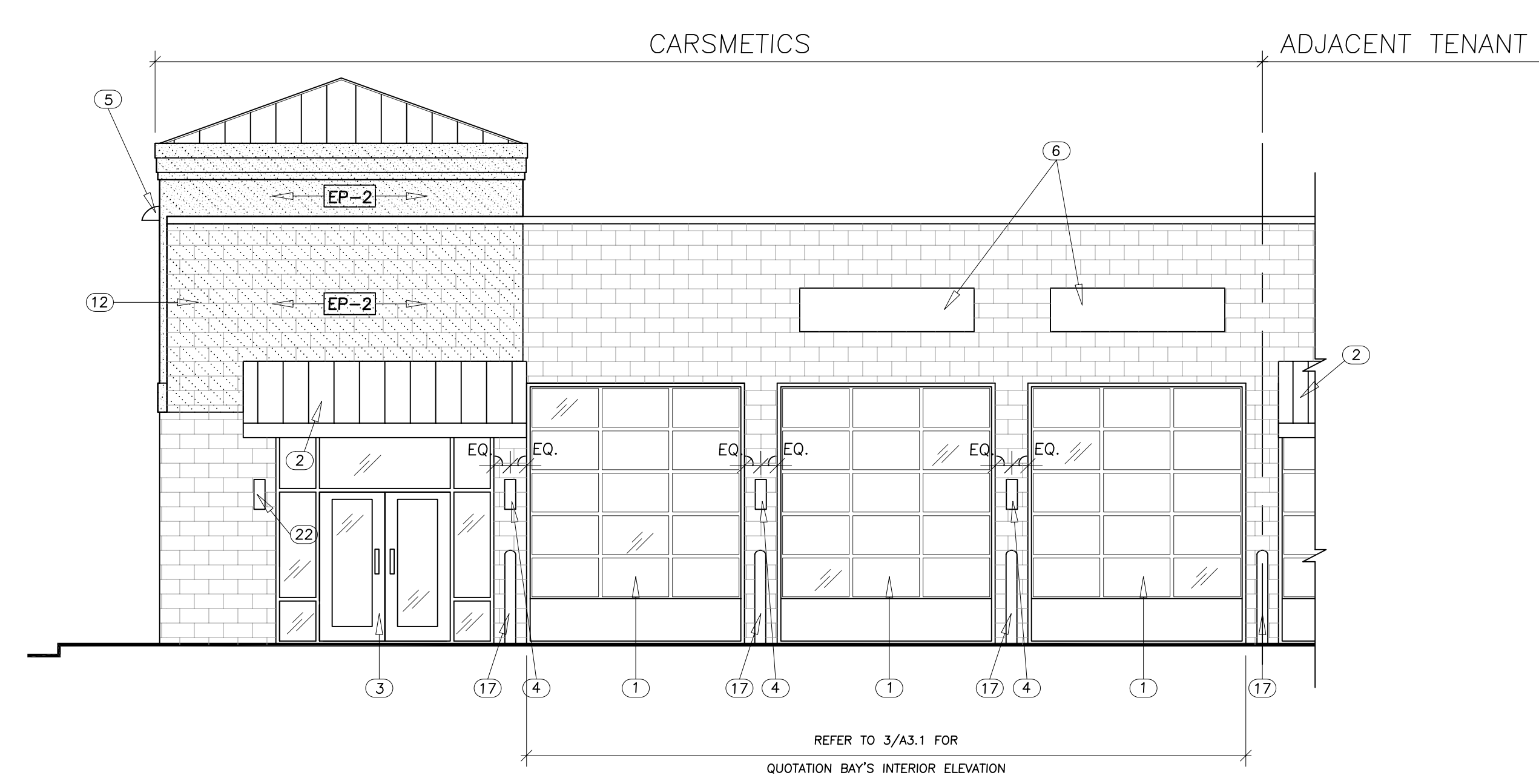
EXTERIOR FINISH SCHEDULE

FINISH NO.	MATERIAL	LOCATION	DESCRIPTION		REMARKS
			PRODUCT	COLOR	
EP-1	EXTERIOR PAINT	CORNER TOWER	GLIDDEN	43BB09/340 BLAZER BLUE (BLUE)	CONTACT: GENE MILLER AT GLIDDEN PROFESSIONAL, (937) 604-0004 PRIMER: 3210-1200 PREP & PRIME GRIPPER MULTI-PURPOSE WATER BASED PRIMER; PAINT: *3002 LIFEMASTER ACCENTS INTERIOR/EXTERIOR ACRYLIC LATEX EGGSHELL FINISH NOTE: PREPARE SURFACE FOR PAINT & PRIMER AS RECOMMENDED BY MANUFACTURER.
EP-2	EXTERIOR PAINT	CORNER TOWER	GLIDDEN	50YR 18/650 CHINATOWN ORANGE (ORANGE)	

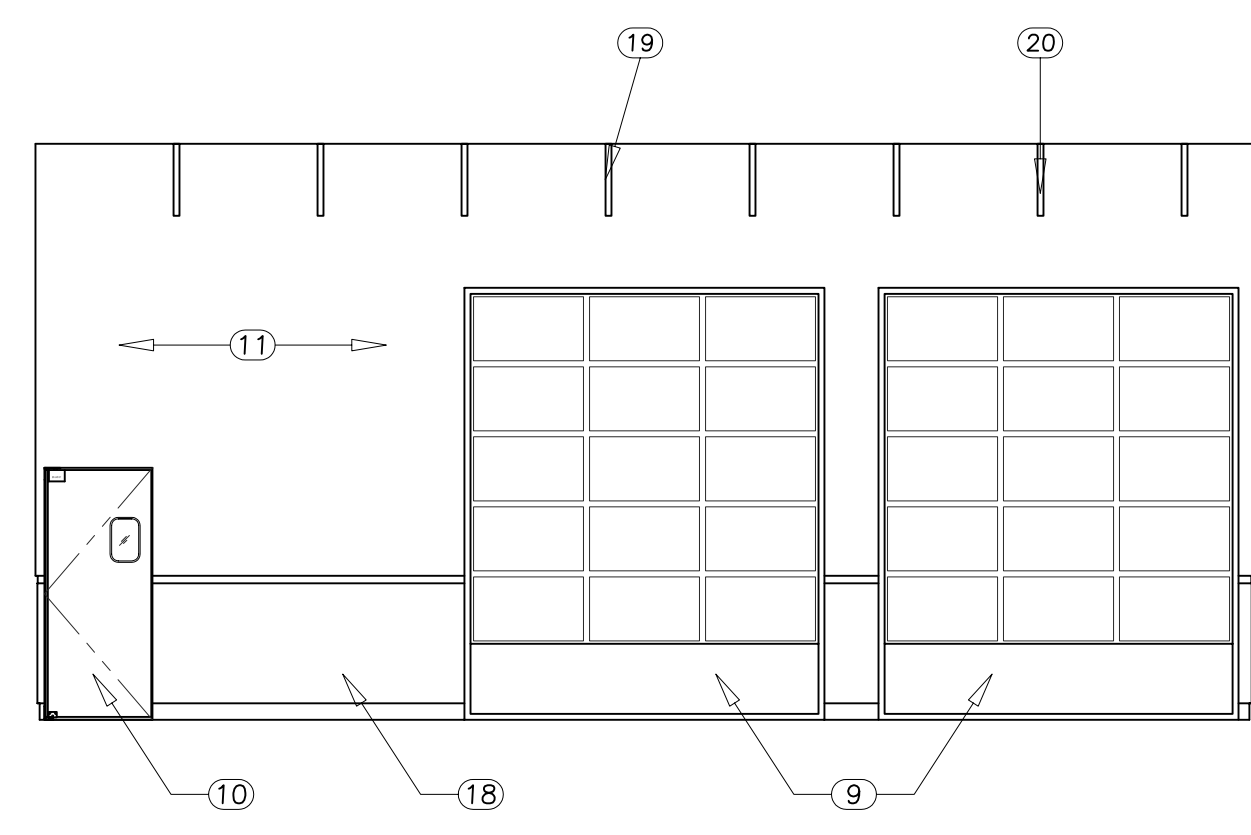
EXTERIOR PAINT KEY



2 EXISTING SOUTH ENTRANCE ELEVATION SCALE: 3/16" = 1'-0"



3 INTERIOR ELEVATION @ QUOTATION BAY SCALE: 3/16" = 1'-0"



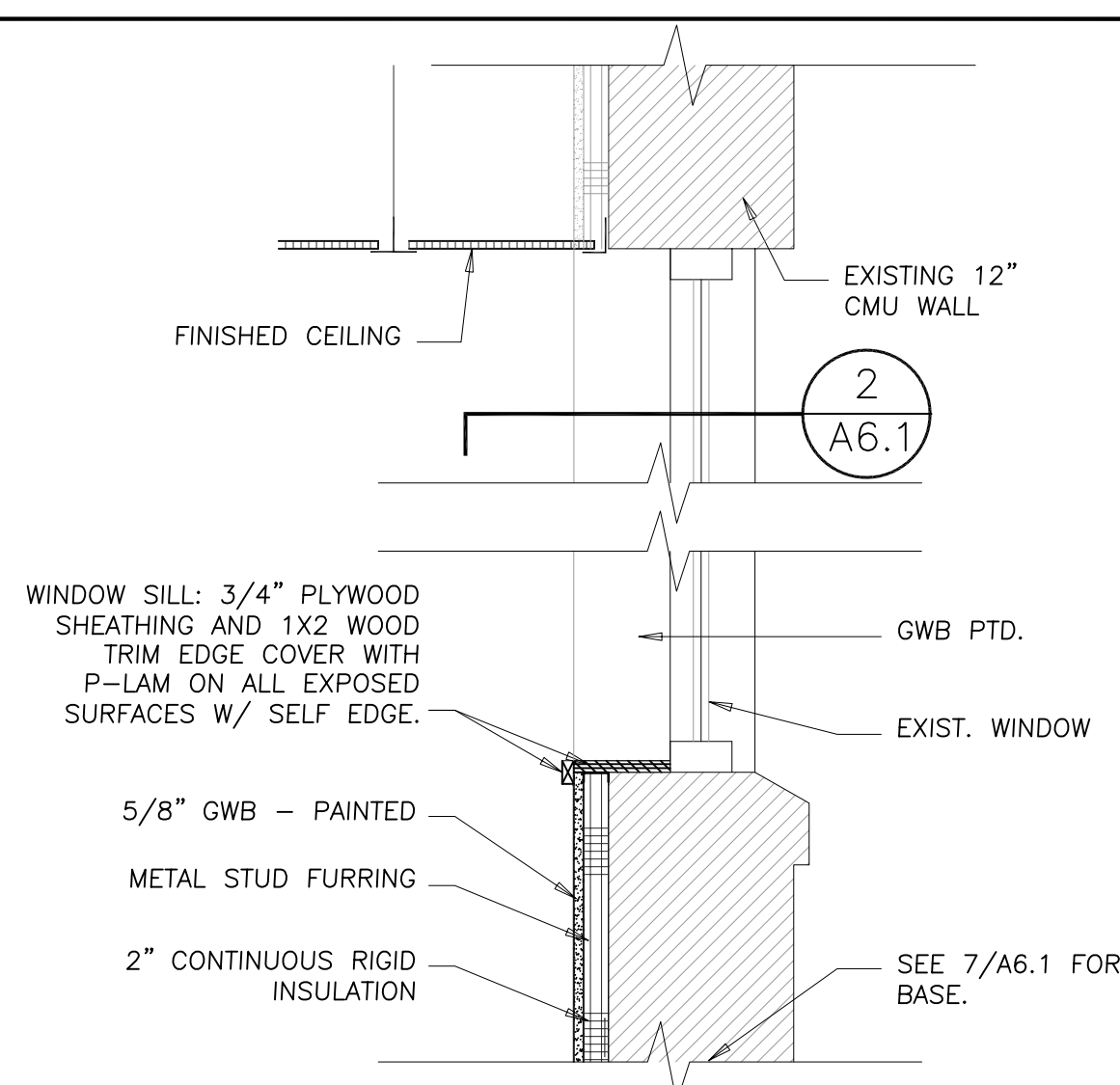
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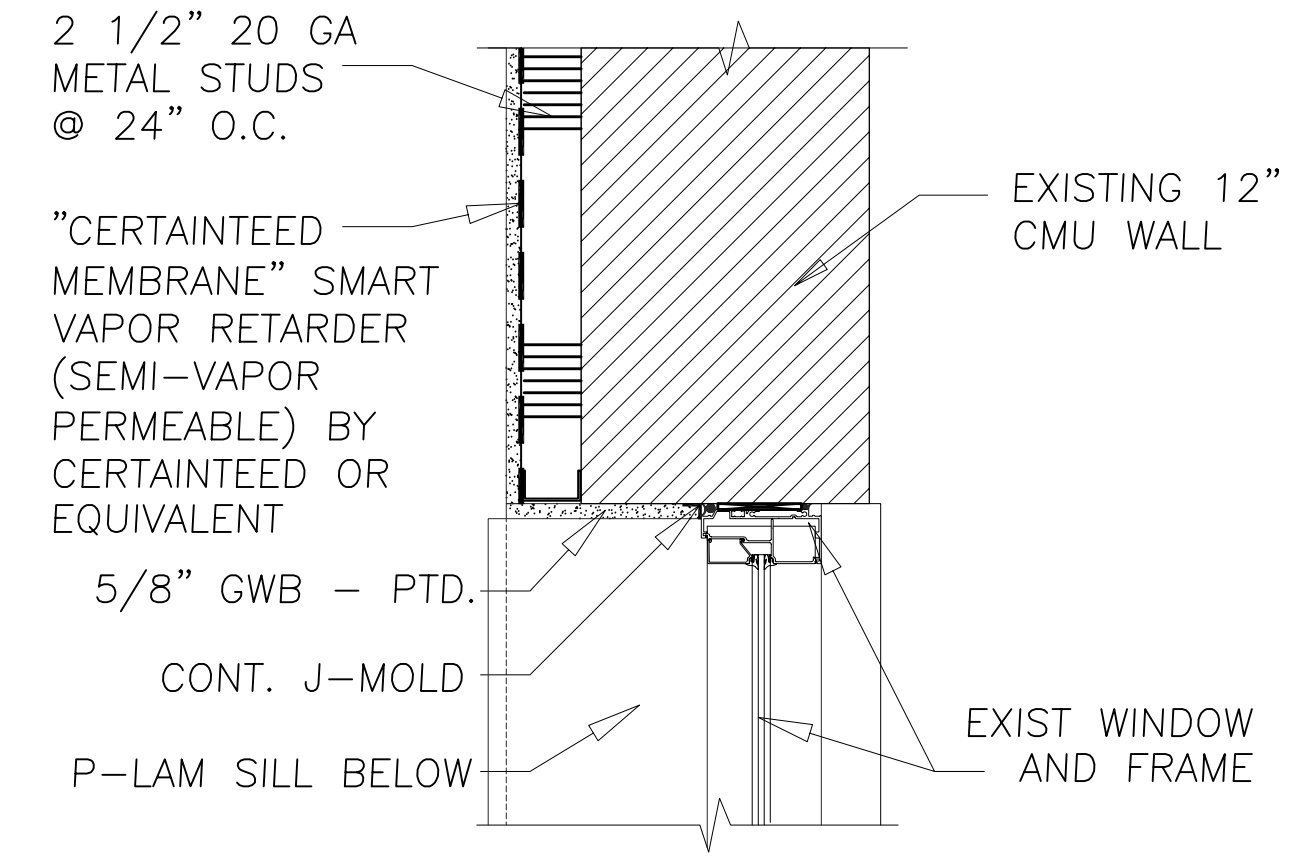
SCALE: 3/16" = 1'-0"
 UNO
 PROJECT NO. CMWH_1108

SHEET TITLE
 EXTERIOR ELEVATIONS

SHEET
A3.1
 OF

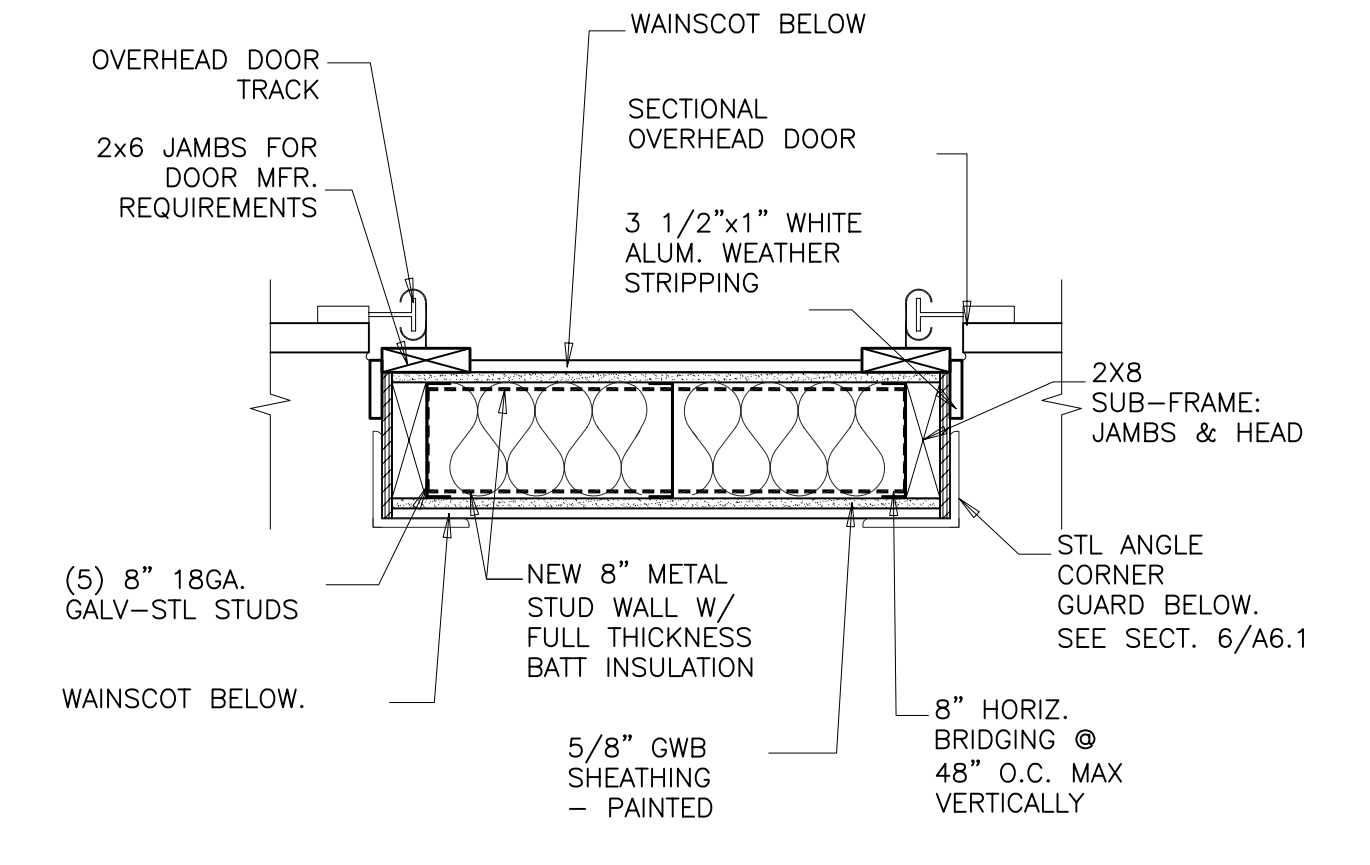


1 TYP. EXT. WALL HEAD & SILL SCALE: 1" = 1'-0"



2 DETAIL @ WINDOW JAMB SCALE: 1 1/2" = 1'-0"

3 NOT USED SCALE: N.T.S



4 WALL DETAIL SCALE: 1" = 1'-0"

GENERAL NOTES

- REFER TO CODE ANALYSIS ON SHEET T1.0 TO VERIFY IF FIRE RETARDANT TREATED WOOD FRAMING AND PLYWOOD IS REQUIRED.
- REFER TO DIMENSION PLAN SHEET A1.1 FOR ALL WALL LOCATIONS.
- REFER TO FINISH PLAN SHEET A1.1 & INTERIOR ELEVATIONS SHEET AB.1 FOR ALL INTERIOR FINISHES.
- REFER TO DOOR SCHEDULE SHEET A10.1 FOR DOOR SPECS.
- REFER TO EXTERIOR ELEVATIONS SHEET A3.1 FOR EXTERIOR FINISHES.

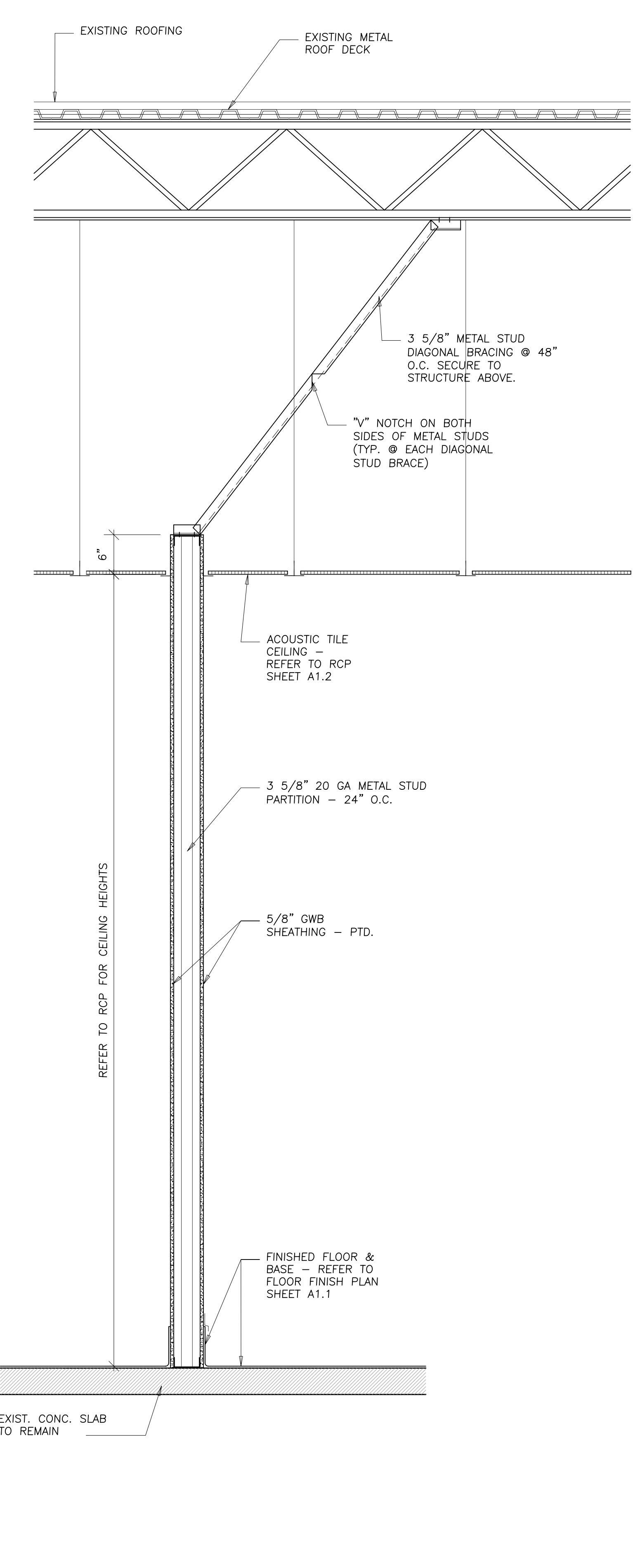
JON W. SAMMER
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SUBMISSION AND REVISION DATES

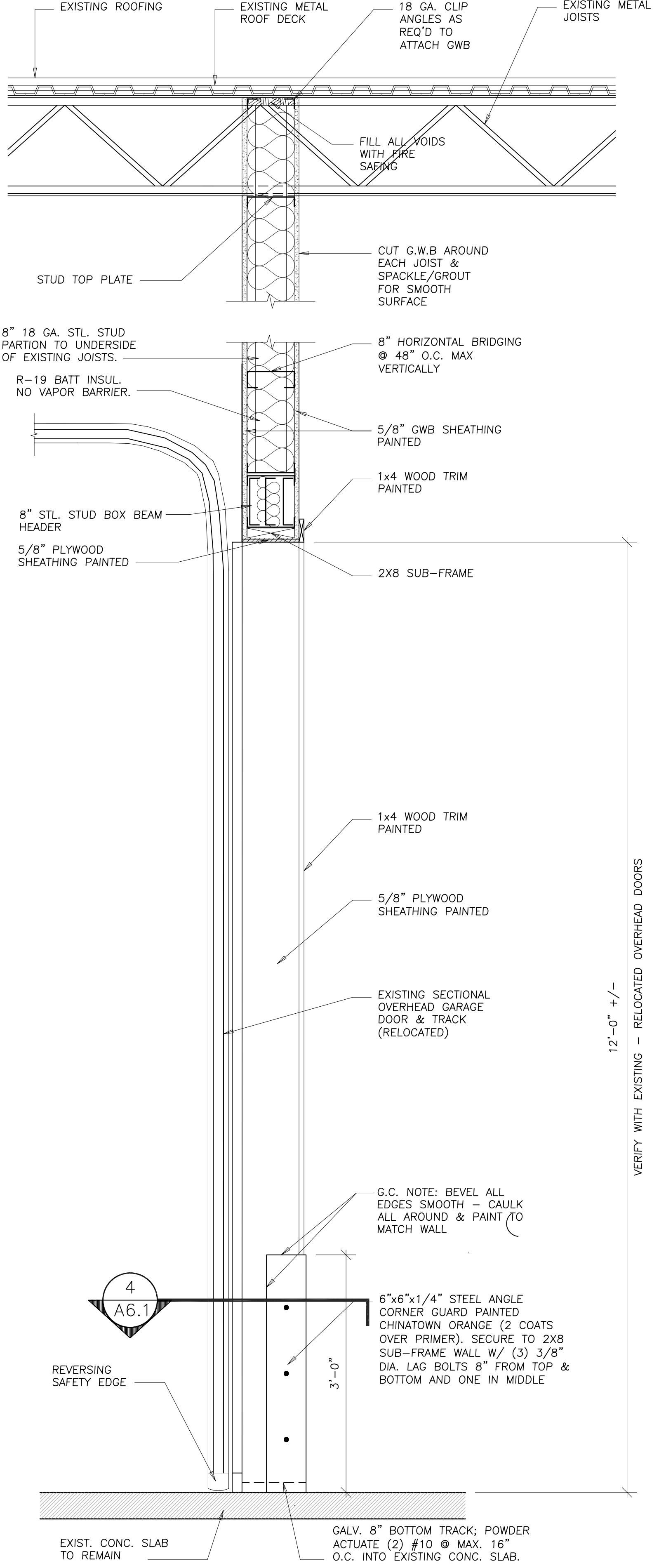
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12/05/2011	PERMIT SET

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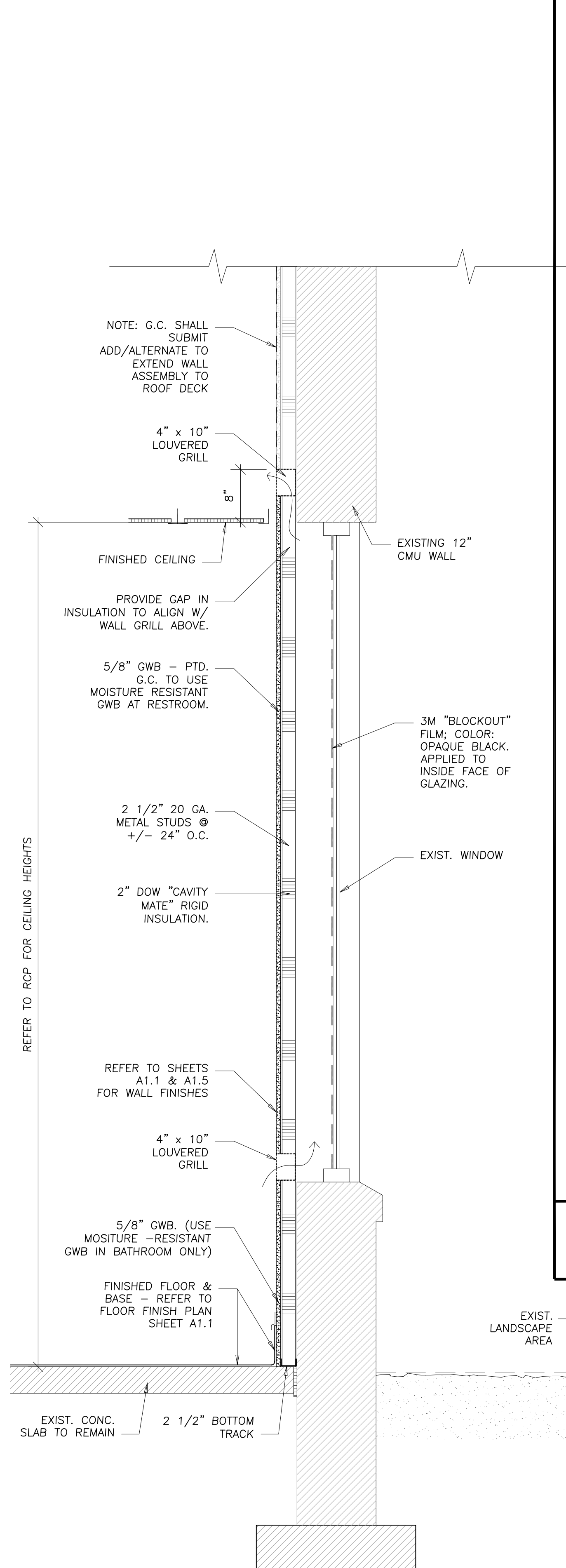
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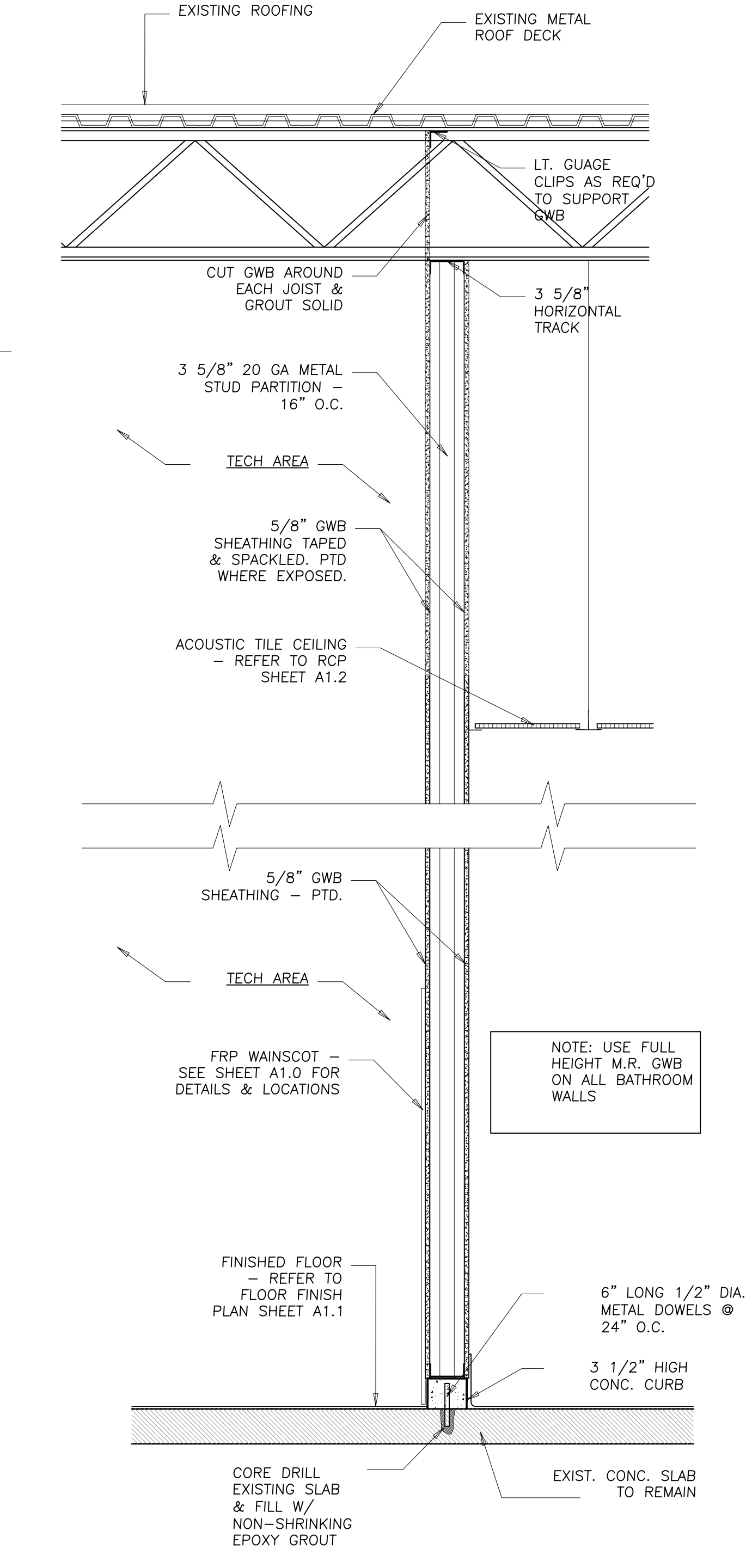
5 SECT. @ TYP. MET. STUD PARTITION SCALE: 1" = 1'-0"



6 SECT. @ NEW INT. ROLL-UP DOOR SCALE: 1" = 1'-0"



7 SECTION @ BLOCKED OUT WINDOW SCALE: 1" = 1'-0"



8 WALL SECT. SCALE: 1" = 1'-0"



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SCALE: AS SHOWN UNO

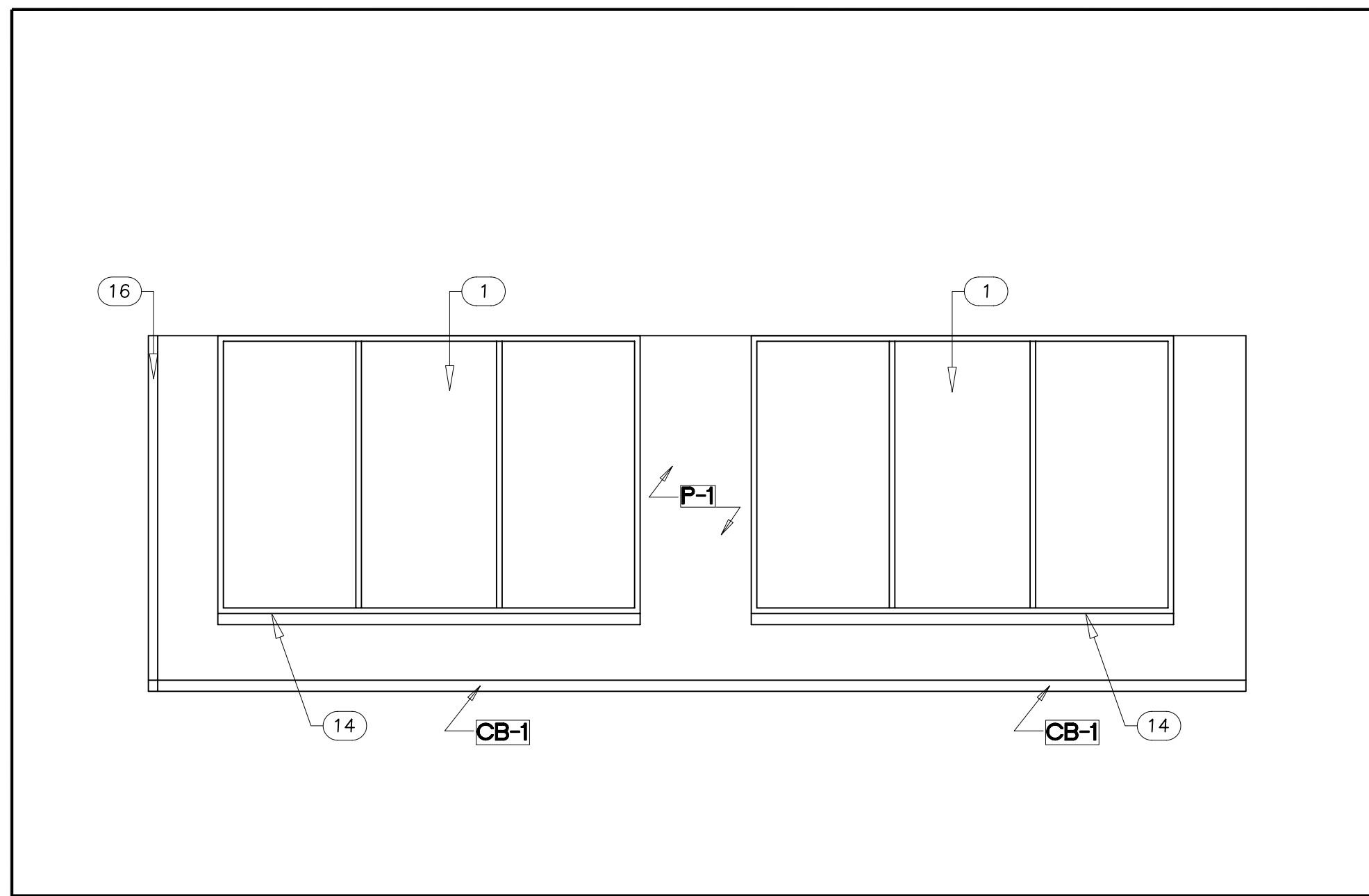
PROJECT NO. CMWH_1108

SHEET TITLE BUILDING DETAILS

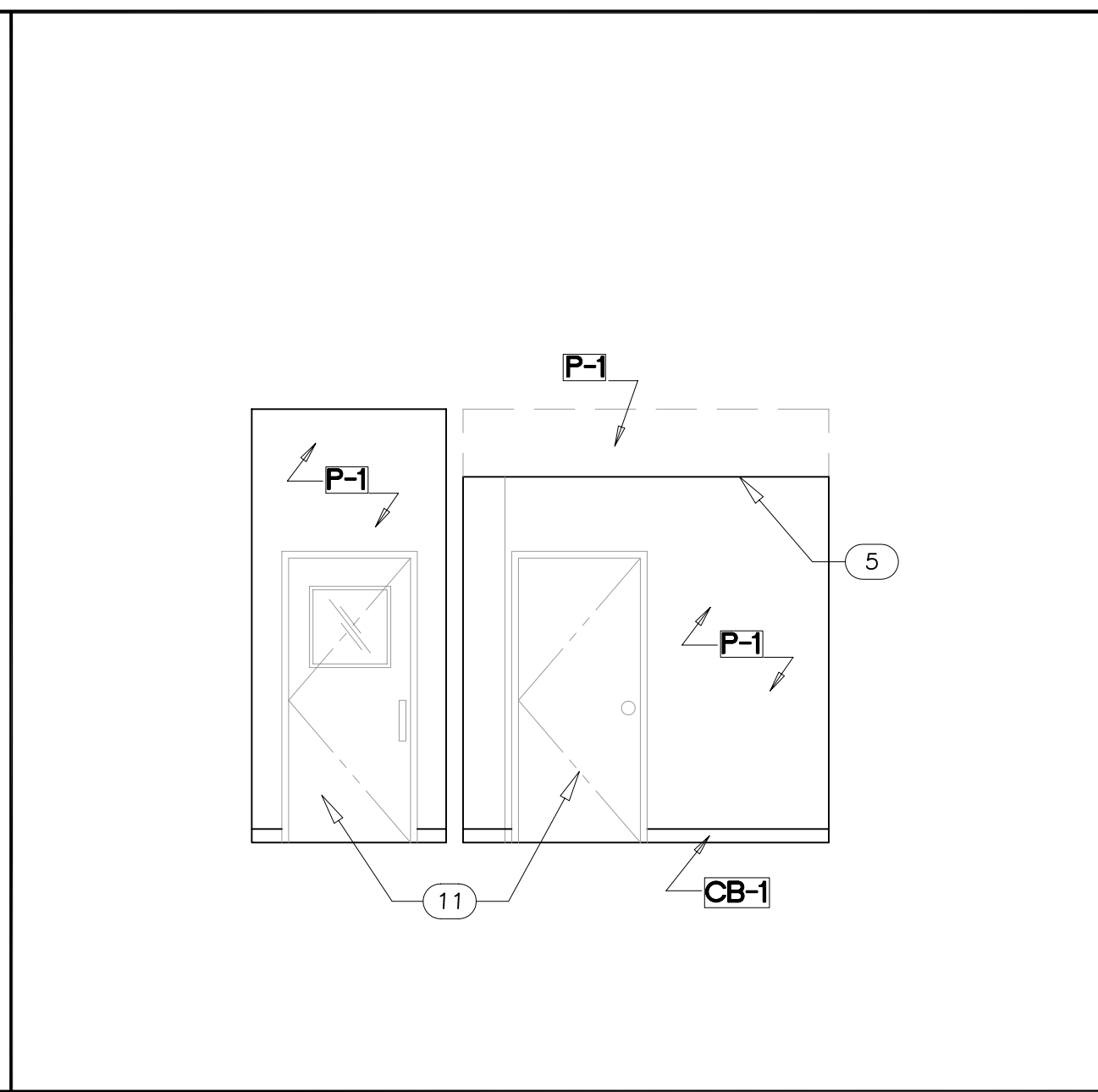
SHEET

A6.1

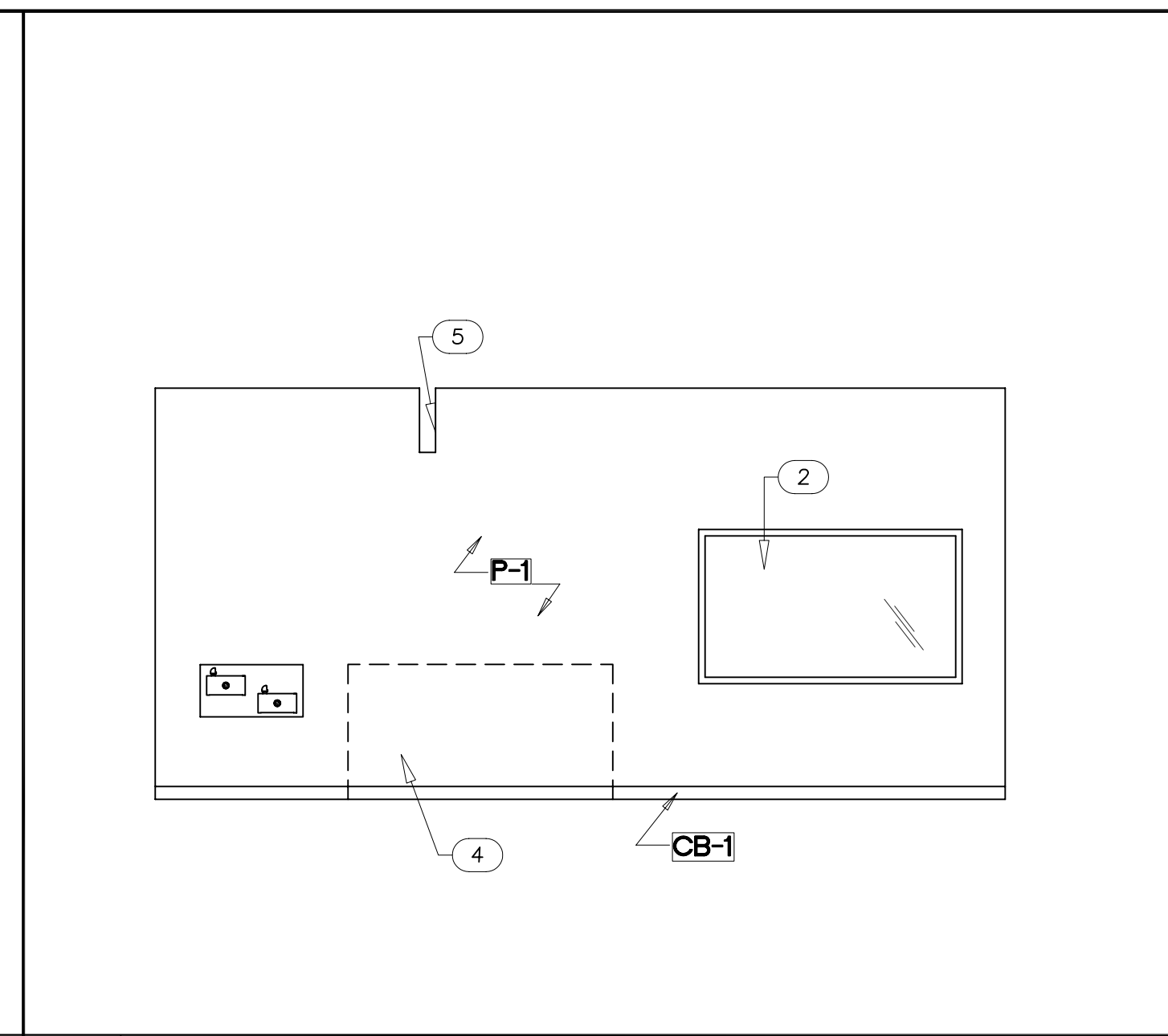
OF



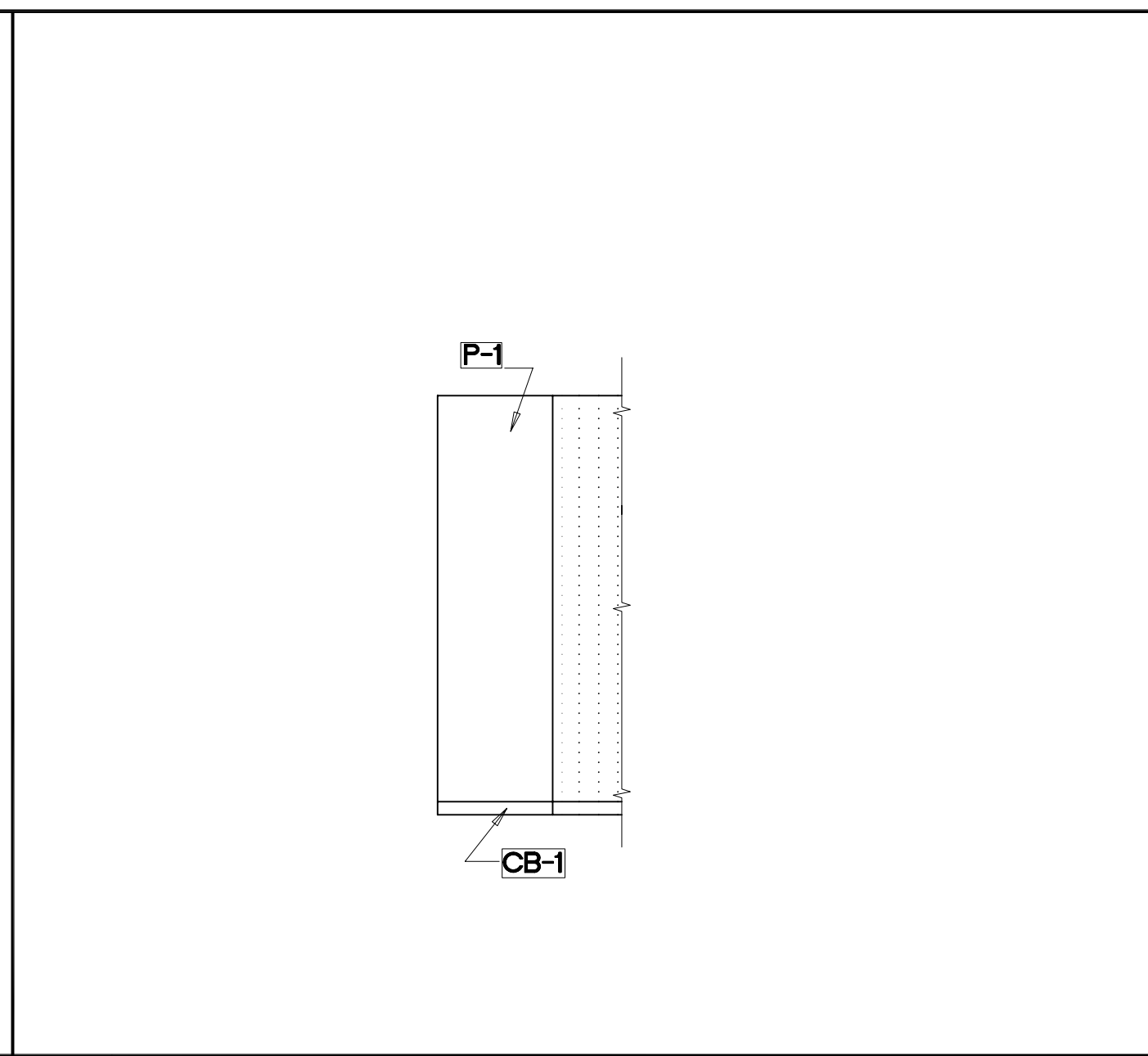
A CONSULTATION AREA
SCALE: 1/4" = 1'-0"



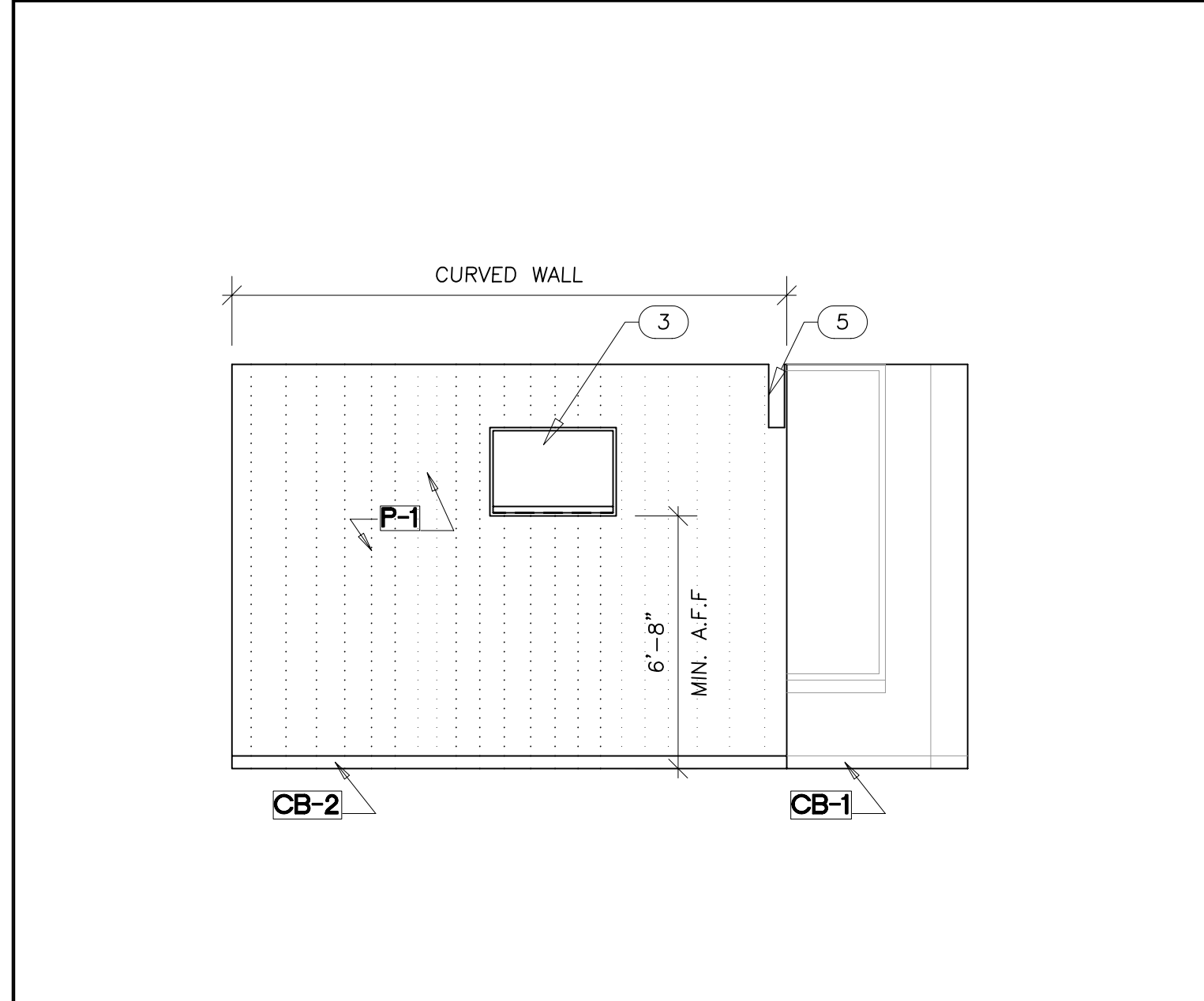
B CUSTOMER LOUNGE
SCALE: 1/4" = 1'-0"



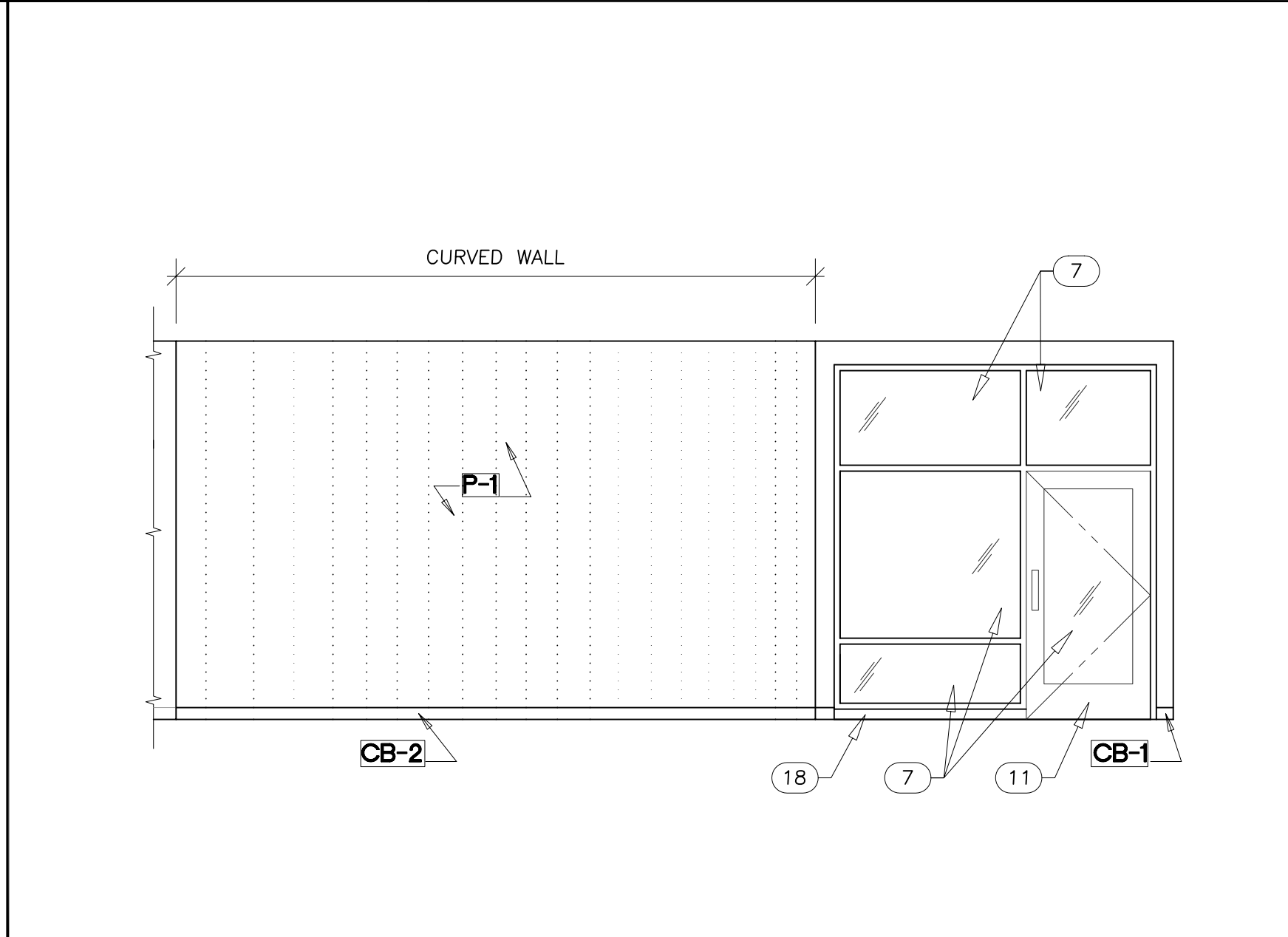
C REFRESHMENT STATION & CUSTOMER LOUNGE
SCALE: 1/4" = 1'-0"



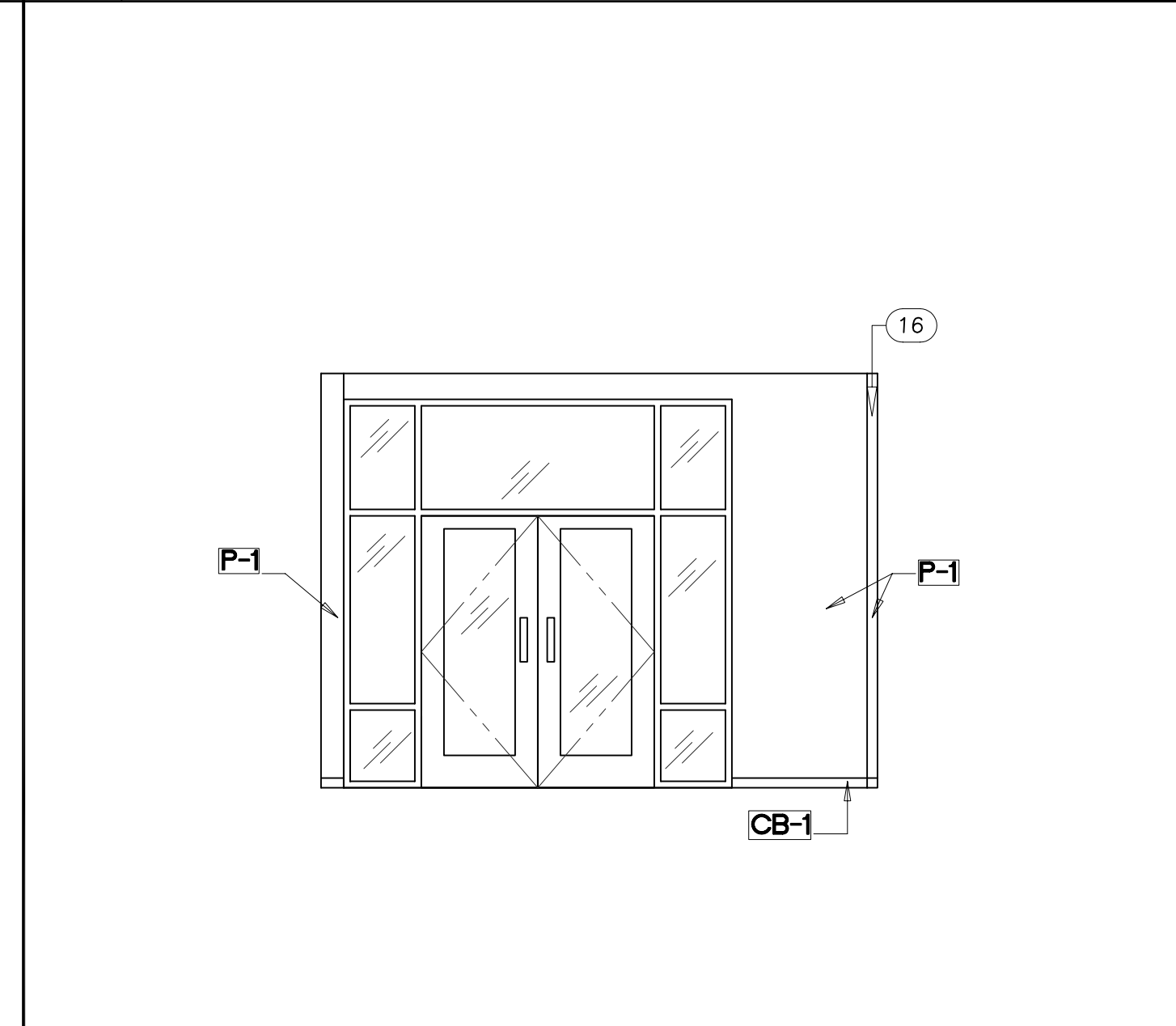
D CURVED WALL @ CUSTOMER LOUNGE
SCALE: 1/4" = 1'-0"



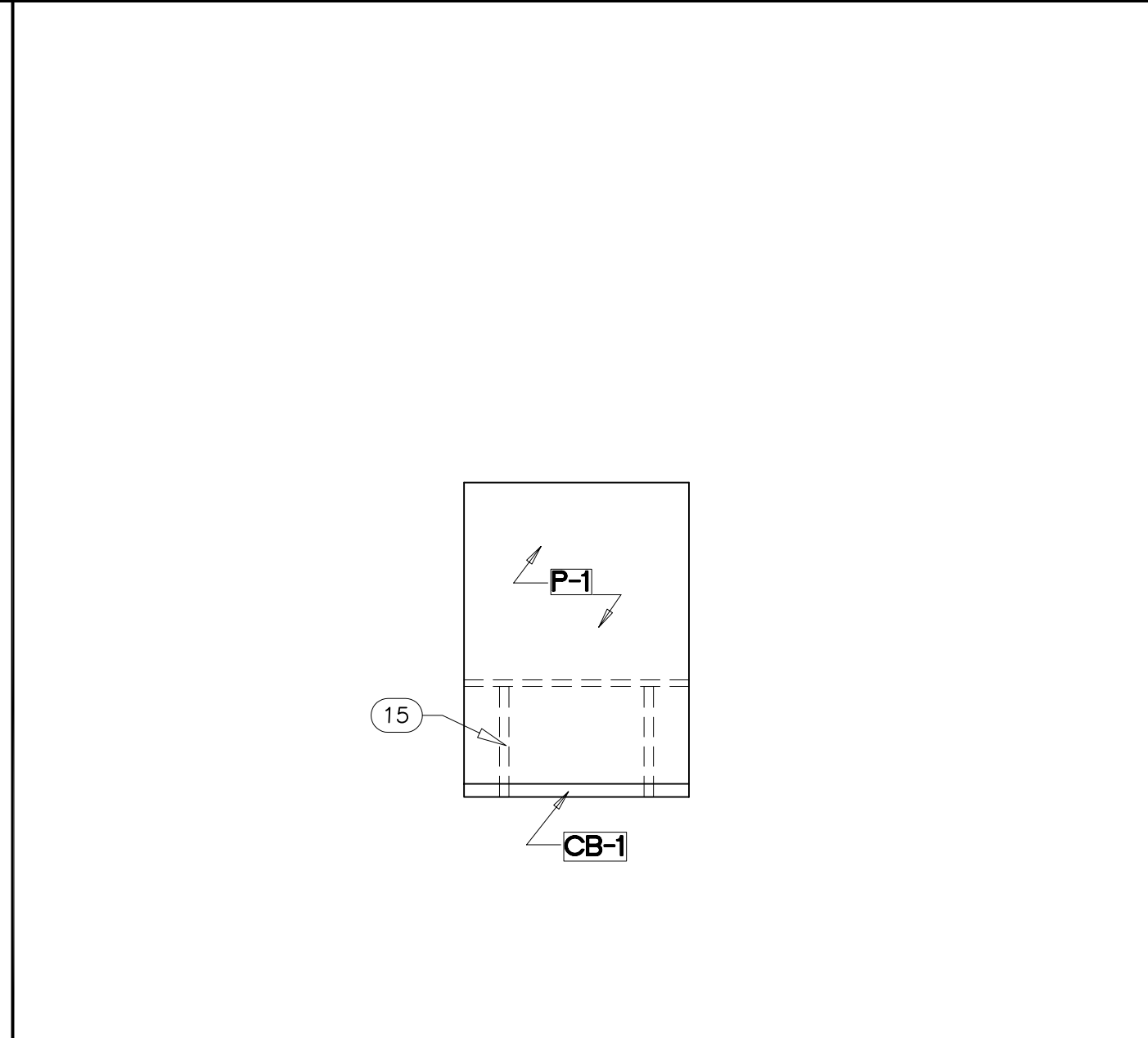
E CURVED WALL @ CUSTOMER LOUNGE
SCALE: 1/4" = 1'-0"



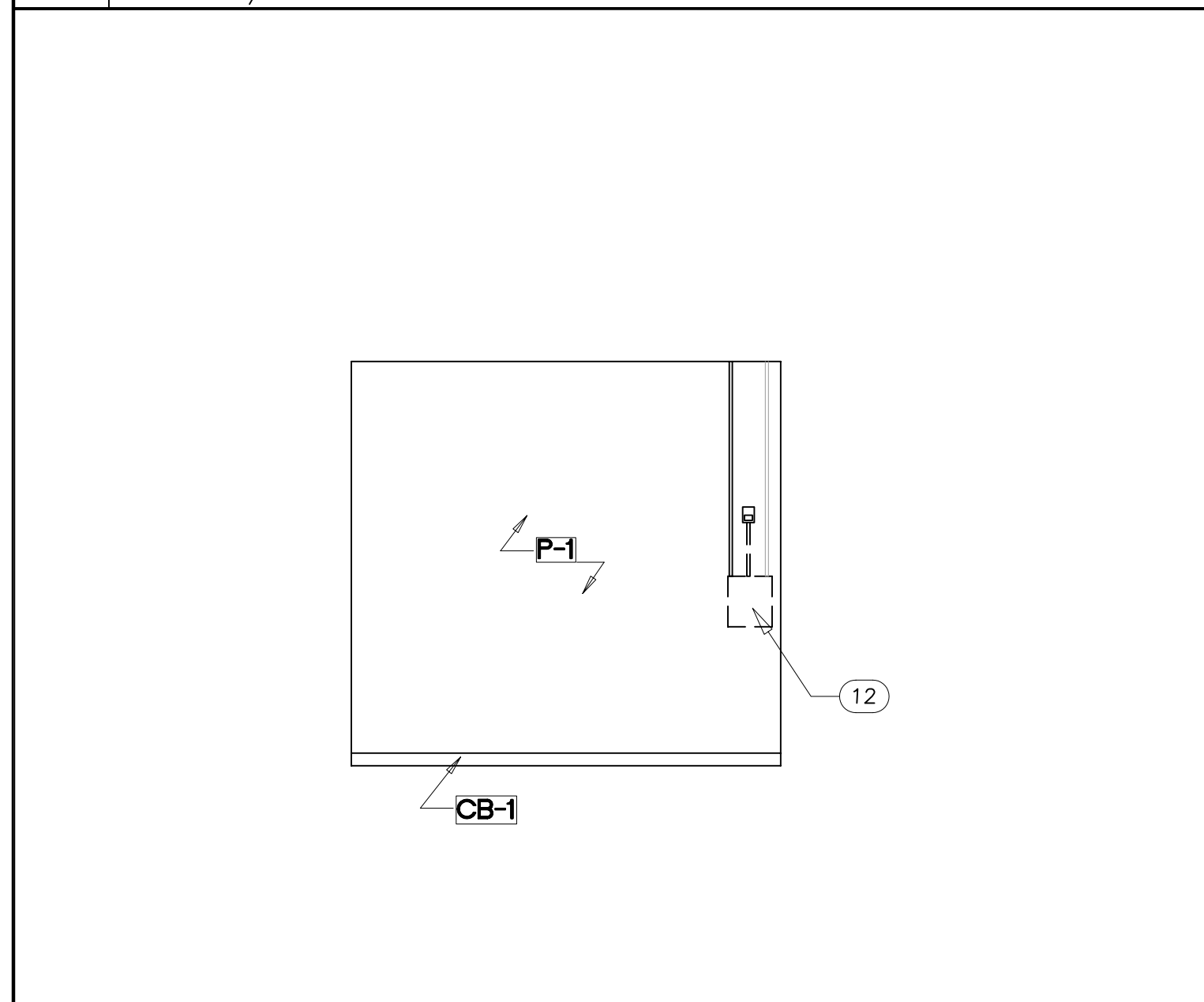
F CURVED WALL @ CONSULTATION AREA
SCALE: 1/4" = 1'-0"



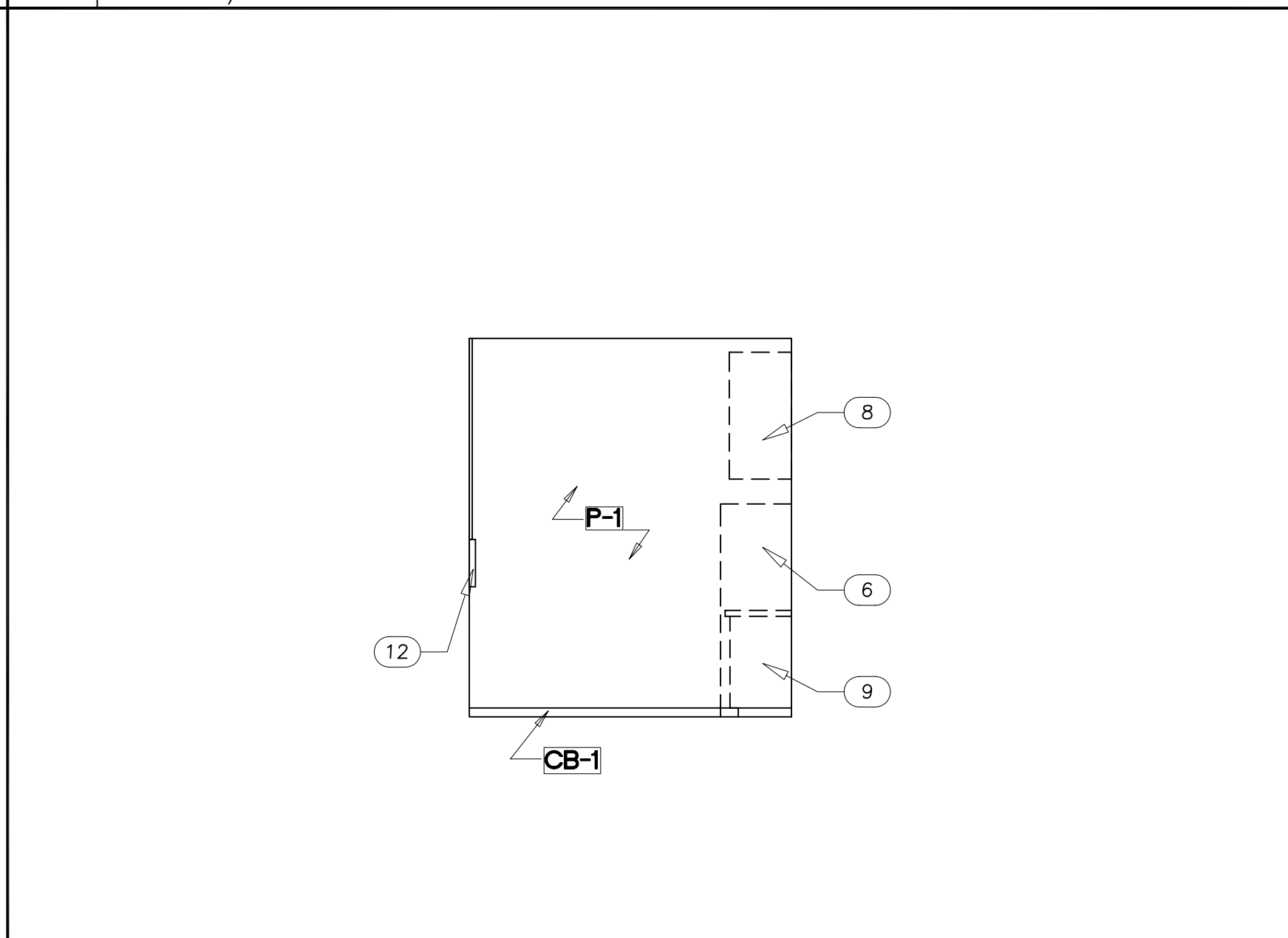
G ENTRY
SCALE: 1/4" = 1'-0"



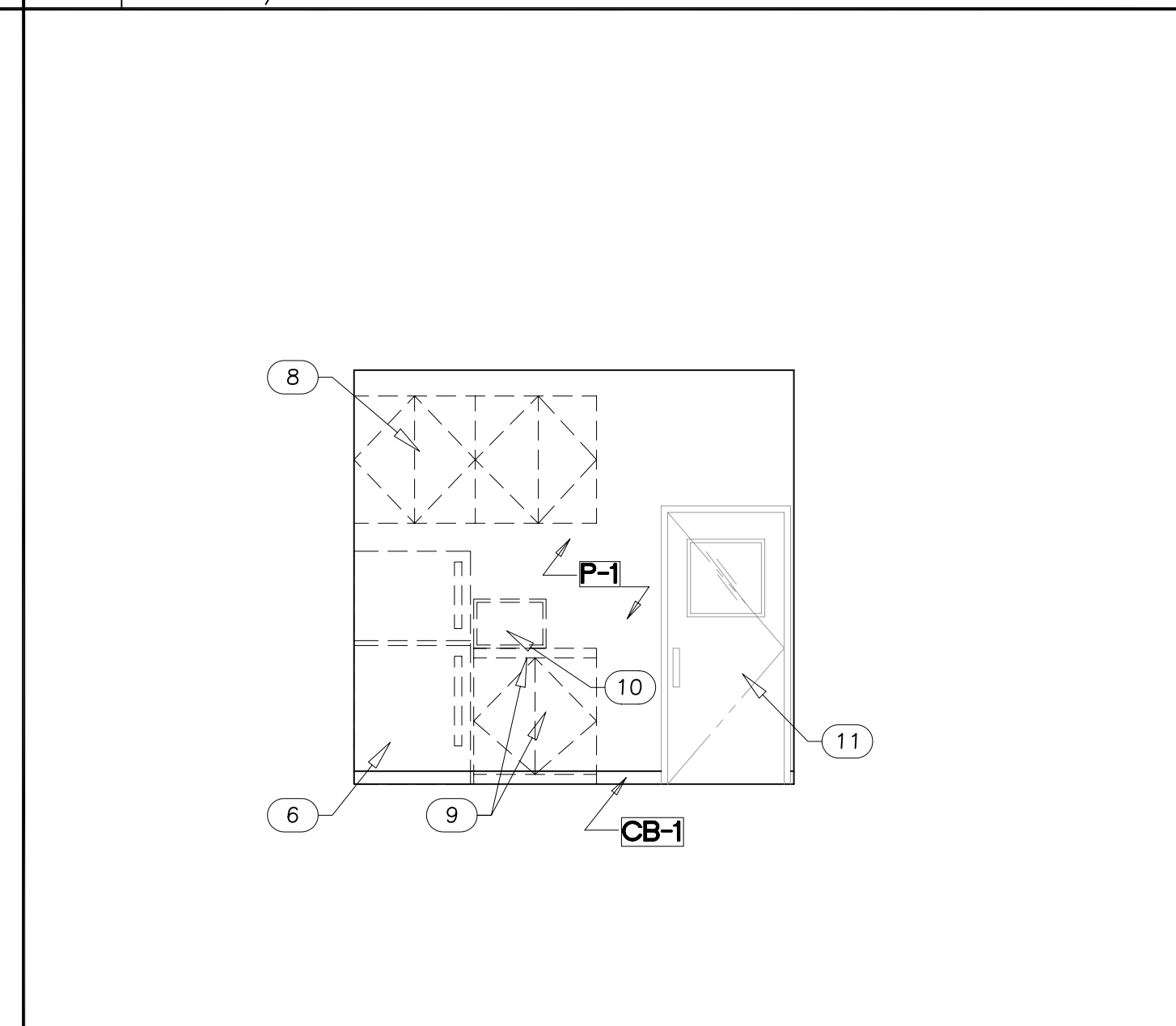
H OFFICE
SCALE: 1/4" = 1'-0"



I EMPLOYEE BREAK ROOM
SCALE: 1/4" = 1'-0"



J EMPLOYEE BREAK ROOM
SCALE: 1/4" = 1'-0"



K EMPLOYEE BREAK ROOM
SCALE: 1/4" = 1'-0"

- GENERAL NOTES**
- A. REFER TO DIMENSION PLAN SHEET A1.1 FOR WALL LOCATIONS.
 - B. REFER TO RCP SHEET A1.2 FOR CEILING AND SOFFIT HEIGHTS.
 - C. REFER TO FINISH PLAN SHEET A1.1 FOR ADDITIONAL INFORMATION.
- KEY NOTES** (F)
- 1 WINDOW; REFER TO DOOR SCHEDULE SHEET A10.1
 - 2 VIEWING WINDOW; SEE WINDOW SCHEDULE SHEET A10.1.
 - 3 WALL-MOUNTED FLAT SCREEN TV - PROVIDE SOLID WOOD BLOCKING; COORDINATE INSTALLATION WITH OWNER.
 - 4 REFRESHMENT STATION; TO BE PROVIDED BY VENDOR; COORDINATE INSTALLATION WITH OWNER.
 - 5 GNB BULKHEAD @ 9'-0" A.F.F.
 - 6 REFRIGERATOR BY OWNER.
 - 7 TEMPERED GLASS @ STORE FRONT.
 - 8 WALL MOUNTED CABINETS - PROVIDE SOLID FRT WOOD BLOCKING.
 - 9 COUNTER TOP AND CABINET - PROVIDE SOLID WOOD BLOCKING; COORDINATE WITH OWNER.
 - 10 MICROWAVE BY OWNER.
 - 11 NEW DOOR; SEE DOOR SCHEDULE SHEET A10.1.
 - 12 EXISTING FIRE ALARM PANEL TO BE RELOCATED; LOCATION MUST BE APPROVED BY FIRE CODE OFFICIAL PRIOR TO INSTALLATION; REFER TO ENGINEER'S PLANS.
 - 13 NOT USED
 - 14 P.LAM WINDOW SILL - COLOR TO MATCH CUSTOMER LOUNGE COUNTER TOP
 - 15 DESK SUPPLIED BY OWNER.
 - 16 NEW GNB OVER EXISTING COLUMN - PTD. REFER TO SHEET A1.0.
 - 17 WATER FOUNTAINS; REFER TO SHEET A1.0.
 - 18 3 1/2" HIGH CONCRETE CURB. REFER TO WALL SECTION SHEET A6.1.
- WALL FINISH DESIGNATIONS P-1**
- NOTE:**
REFER TO SHEET A1.1 FOR ALL WALL FINISH DESIGNATION DESCRIPTIONS. PAINT ANY INTERIOR WALL THAT DOES NOT HAVE A SPECIFIED FINISH TO MATCH ADJACENT WALL (2 COATS EGGSHELL OVER PRIMER.)

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SUBMISSION AND REVISION DATES

NUM.	DESCRIPTION
12/05/2011	PERMIT SET

REVISION SYMBOLS

<input type="checkbox"/>	DOES NOT APPLY TO THIS SHEET
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SCALE:
1/4" = 1'-0"
UNO
PROJECT NO.
CMWH_1108

SHEET TITLE
INTERIOR ELEVATIONS

SHEET
A8.1
OF

SUBMISSION AND REVISION DATES

NUM.	DESCRIPTION
12/05/2011	PERMIT SET

REVISION SYMBOLS

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WHITEHALL, PENNSYLVANIA

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SCALE:

N/A
UNO

PROJECT NO.
CMWH_1108

SHEET TITLE

GENERAL SPECIFICATIONS

SHEET

SP1

OF

BIDDING REQUIREMENTS, CONTRACT FORMS, AND CONDITIONS OF THE CONTRACT

SECTION 00100 – INSTRUCTIONS TO BIDDERS

- This information provided by the Owner

SECTION 00120 – SUPPLEMENTARY INSTRUCTIONS TO BIDDERS

- This information provided by the Owner

SECTION 00220 – GEOTECHNICAL DATA

- This information provided by the Owner

SECTION 00300 – BID FORM

- The form of proposal will be furnished separately by the Owner.

SECTION 00700 – GENERAL CONDITIONS

- This information provided by the Owner

SECTION 00800 – SUPPLEMENTARY CONDITIONS

- This information provided by the Owner

DIVISION 1 – GENERAL REQUIREMENTS

SECTION 01005 – ADMINISTRATIVE PROVISIONS

- This information provided by the Owner

SECTION 01400 – QUALITY CONTROL

- This information provided by the Owner

SECTION 01015 – OWNER FURNISHED ITEMS AND EQUIPMENT

- This information provided by the Owner

SECTION 01500 – CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS

- This information provided by the Owner

SECTION 01070 – CUTTING AND PATCHING

- This information provided by the Owner

SECTION 01600 – MATERIALS AND EQUIPMENT

- This information provided by the Owner

SECTION 01200 – PRE-CONSTRUCTION MEETING

- This information provided by the Owner

SECTION 01300 – SUBMITTALS

- This information provided by the Owner

SECTION 01400 – QUALITY CONTROL

- Perform work in the most workmanlike manner and according to best standard practices. All work shall be free from faults and defects in workmanship.
- Contractor shall be solely responsible for quality control of the work and shall maintain quality control over supplier, manufacturers, products, services, site conditions and workmanship, to produce work of specified quality.
- Testing and inspection, where required by the specification sections, shall comply with the specific requirements of the applicable specification section and the general requirements contained herein.
- All testing and inspection whether required by the specification section or by laws, ordinances, rules, regulations, codes or orders of any public authority having jurisdiction or whether performed by Contractor for quality control shall be at contractor's expense unless otherwise indicated in the Contract Documents.
- Where the specifications sections require testing or inspection by a testing laboratory, engage a reputable, independent testing laboratory specializing in the required services unless the testing or inspection is indicated as furnished by Owner. Testing laboratory shall be approved by the Owner.
- Secure required certificates of testing, inspection or approval and promptly deliver to Owner.
- Promptly replace or correct all work found not to be in compliance with the requirements of the Contract Documents and the requirements of any public authority having jurisdiction so as not to delay the work or the work of other contractors regardless of how such failure to comply may be revealed. Replacement and correction shall be expeditious as required to maintain interim contract completion dates and the full completion date.

SECTION 01500 – CONSTRUCTION FACILITIES AND TEMPORARY CONTROLS

- All temporary facilities and services shall be furnished in strict accordance with existing governing regulations.
- Sanitary Facilities: The Contractor shall provide temporary sanitary facilities for the workmen.
- Water Facilities: The Contractor shall furnish and pay for temporary water for the purpose of construction as required.
- Temporary Heat: The Contractor shall furnish, install and maintain temporary heat as work requires. This temporary heat shall provide a temperature differential of approximately 40 degrees F using portable space heaters.
- Power and Light:
 - The Contractor shall arrange for temporary power for tools and lights as required, to the construction site or establish agreement with owner to use existing building electrical service.
 - Cost of the electrical power consumed for the temporary service for tools and lights, shall be borne by the Contractor. Cost of distributing power to the construction site shall be borne by the Contractor.
 - The Contractor shall remove temporary power only when permanent service is arranged and approved.
- Remove all temporary facilities upon completion of the work or when no longer required.

- Provide pumping, temporary drainage, water diversion, weather protection and controls as required to ensure no delay in the work or the work of other contractors.

- Field Office shall be provided by Contractor with (1) telephone, (1) Fax and (1) internet connection, heating and cooling.

SECTION 01600 – MATERIALS AND EQUIPMENT

- Where acceptable manufacturers are listed in the specification sections, obtain materials and equipment in compliance with the requirements specified from one of the manufacturers listed.
- Components required to be supplied in quantity within a specification section shall be the same, supplied by same manufacturer and shall be interchangeable.
- All materials and equipment shall be new, unless otherwise specified, and of first class quality free from any faults or defects including blemishes, dents, imperfections, rust and stains. Do not incorporate faulty or defective materials or equipment into the work.
- Handle and store materials and equipment in accordance with manufacturers' and suppliers' recommendations and store packaged materials and equipment in original, undamaged condition with manufacturer's labels and seals intact.
- No substitutions for the materials and equipment specified shall be made unless written approval has been given as required in the General Conditions by Owner. Substitutions will be considered only if Owner receives the advantage of lesser cost with no decrease in quality, or earlier completion date or both.

SECTION 01700 – CONTRACT CLOSEOUT

- During the progress of the work maintain a set of drawings at the project site for preparing record drawings. Neatly record all changes in the work and record specific locations of work shown schematically on the drawings. In addition, record the following on mechanical and electrical drawings:
 - Location of concealed water and electrical services, water piping, sewers, wastes, vents, ducts, conduit and other piping by indication of measured dimensions to such line from readily identifiable and accessible walls or corners of buildings.
 - Invert elevations of sewers and top of water lines.
- Submit the record drawings to Owner for approval with the Punch List and written notice that the work is ready for verification of substantial completion required in the General Conditions. If the Owner determines that the drawings are incomplete or incorrect in any way, he will advise Contractor of the required corrections and Contractor shall promptly submit corrected drawings. Record documents shall be delivered to Owner prior to final payment for the work.
- Prepare three (3) complete sets of manuals containing the manufacturer's instructions for operation and maintenance of each item of equipment, apparatus and operational system furnished under the Contract and any additional data specifically required in the specification sections.
 - Manuals shall be bound with covers of durable material, arranged in the sequence of the specification sections and shall include the following:
 - Neatly typewritten index.
 - Complete instructions regarding operation, service and maintenance including lubrication, disassembly and reassembly.
 - Complete nomenclature of all parts and part numbers of all replaceable parts.
 - Complete list of sources to be contacted for service and replacement parts including names, addresses and all other pertinent data regarding procurement procedure.
 - Copy of all required guarantees and warranties.
 - Manufacturers' bulletins, cuts, and descriptive data clearly indicating the precise items included in this installation and detailing, or otherwise clearly indicating, all manufacturer's data with which this installation is not concerned.
 - Any other data required in the specification sections.
 - The operating and maintenance manuals shall be delivered to the Owner prior to final payment for the work.
 - If requested by Owner, give physical demonstrations and oral instructions for the operation of equipment, apparatus and operational systems furnished under the contract. Such demonstrations and instructions shall be given to Owner and/or others as Owner may choose.
- In addition to the equipment information listed in Item 3 above, the Contractor shall include in the project manual the following:
 - General Contractor's 1-year written guarantee.
 - All final lien waivers.
 - Copy of Certificate of Occupancy.
 - Copy of signed off permit card.
 - List of subcontractors with names of contact person and phone numbers.
 - Blank Space
 - Roof warranty.
 - All test results (soils, concrete, etc.)
 - As-built drawings.
- Assemble all guarantees, warranties and assignments thereof as required by the General Conditions and the specification sections. The guarantees, warranties and assignments shall be delivered to the Owner prior to final payment for the work.

SECTION 01710 – CLEANING

- All cleaning shall be the responsibility of the Contractor unless specifically noted otherwise.
- Maintain premises and public properties free from accumulations of waste, debris and rubbish caused by operations.
- At completion of work, remove waste materials, rubbish, tools, equipment, machinery and surplus materials and clean all sight exposed surfaces; leave project clean and ready for occupancy.
- Maintain project in accord with Occupational Safety & Health Act of 1970, as amended, in terms of clean-up.
 - Do not burn or bury rubbish and waste materials on project site.
 - Do not dispose of volatile wastes such as mineral spirits, oil or paint thinner in storm or sanitary drains.
- During Construction
 - Execute cleaning to ensure that roadway, walks, grounds and public properties are maintained free from accumulations of waste materials and rubbish.
 - Wet down dry materials and rubbish to lay dust and prevent blowing dust.
 - Provide on-site containers for collection of waste materials, debris and rubbish.
 - Remove waste materials, debris and rubbish from site and legally dispose of at public or private dumping area off Owner's property.
 - Accumulation of loose material, trash, rubbish and debris will not be permitted.
 - Each contractor shall be required to dispose of waste materials on a regular basis.
- Final Cleaning
 - In preparation for occupancy, conduct final inspection of sight-exposed interior and exterior surfaces and of concealed spaces.
 - Remove grease, dust, dirt, stains, labels, fingerprints and other foreign materials from sight-exposed interior and exterior finished surfaces; polish surfaces so designated to a shiny finish.
 - Repair, patch and touch-up marred surfaces to specified finish, to match adjacent surfaces.
 - Remove all foreign materials from roof and site area.
 - Perform all final cleaning, including the following:
 - Employ experienced workmen or professional cleaners for final cleaning.
 - Wash and clean all glass, removing labels and paint.
 - Broom clean paved surfaces; rake clean other surfaces of grounds.
 - Clean all floor surfaces of dirt and dust.

- Respective contractors shall perform cleaning of their equipment.
- All strainers and floor drains in respective pipe work shall be cleaned.
- Replace burned out or inoperative lighting lamps.
- Owner will assume responsibility for cleaning as of time designated on Certificate of Final Acceptance, Conditional Acceptance or partial occupancy, whichever is first, for Owner's acceptance of Project or portion thereof.

DIVISION 2 – SITEWORK (Applicable to renovations and building additions. These specifications are sub-ordinate to new building site plans.)

SECTION 02100 – SITE CLEARING (AS APPLICABLE TO THIS RENOVATION)

- Remove and legally dispose of above grade and below grade improvements and structures if any and/or not indicated to remain, within the project limits.
- Remove trees, vegetation, etc., within project limits.
- Strip topsoil within building and pavement areas and stockpile for re-use in landscape and green areas; excess shall be removed from site.
- Provide protection to improvements to remain.

SECTION 02200 – EXCAVATION, BACKFILLING, COMPACTION AND GRADING

The following are general guidelines for excavation, backfilling, compaction and grading. The contractor shall follow the specific recommendations made in the soils report and/or construction plans. When not specifically addressed in the construction documents, contractor shall comply with the provisions herein.

- Excavate for footings, foundations, structures, utilities, etc. to indicated depth. All excavation shall be assumed as earth.
 - Trim bottoms to leave solid, undisturbed base for concrete placement. Bearing capacity is assumed to be 2,000 psf. or as indicated on the structural drawings.
 - All foundation excavation shall be kept dry, and protected from freezing.
 - Correct unauthorized excavation in a manner acceptable to Owner.
- Excess earth not required for backfill shall be removed from site. General Contractor responsible for topsoil placement and raking to grade.
- Compact backfill to density of adjacent soil, or as follows, whichever is greater: (Refer to Soils Report for other recommendation):
 - Compact soil to not less than the following percentages of maximum density for soils which exhibit a well-defined moisture density relationship (cohesive soils) determined in accordance with ASTM D1557; and not less than the following percentages of relative density, determined in accordance with ASTM D2049, for soils which will not exhibit a well-defined moisture-density relationship (cohesionless soils).
 - Under Buildings and Paving Areas: Compact top 8 inches of existing surface and each layer of backfill or fill material to 95 percent maximum density (Standard Proctor) for cohesive soils or 98 percent relative density (Standard Proctor) for cohesionless soils.
 - Other Areas: Compact 8 inches of existing ground surface and each layer of backfill or fill material to 90 percent maximum density (Standard Proctor) for cohesive soils or 85 percent relative density (Standard Proctor) for cohesionless soils.
 - Where soil materials must be moisture conditioned before compaction, uniformly apply water to surface. Prevent free water from appearing on surface of soil materials during or subsequent to compaction operation.
 - Remove and replace, or scarify and air dry, soil material that is too wet to permit compaction to specified density.
- Backfill and fill materials
 - Sand or sand and gravel or engineered (clean) earth fill shall be used under floor slabs on-grade, to underside of crushed stone underlayment.
 - Earth materials taken from the excavation operations and stockpiled on site at acceptable fill material, capable of meeting the specified compaction requirements, shall be used as fill material in areas outside of the building.
 - Only 1-inch washed gravel, pea gravel or sand shall be used in utility trenches in paved areas, to top of subgrade.
 - Existing paving, organic material or existing soils shall not be used for filling under building slabs or for filling under pavements.
 - Granular fill under slabs on grade shall be No. 57, 6 or 67 crushed stone per ASTM D448.
 - Remove rock or gravel larger than 2 inches in any dimension, debris, waste, obstructions, and deleterious matter from ground surface prior to placement of fills.
- Grade site to establish required elevations. Maintain proper drainageways to direct water away from building in final grading.
 - Storm drainage shall be provided as indicated on site plan(s) and installed in accordance with state and local codes and ordinances.
- Grade areas to smooth finished surfaces free from irregular surface changes. Compact with uniform levels or slopes between points and existing perimeter grades.

SECTION 02281 – TERMITES CONTROL (N/A)

- This information provided by the Owner

SECTION 02510 – ASPHALTIC CONCRETE PAVING (NOT APPLICABLE)

SUBMISSION AND REVISION DATES

NUM.	DESCRIPTION
12/05/2011	PERMIT SET

REVISION SYMBOLS

<input type="checkbox"/>	DOES NOT APPLY TO THIS SHEET
<input checked="" type="checkbox"/>	APPLIES TO THIS SHEET



WHITEHALL, PENNSYLVANIA

SEAL:

I CERTIFY THAT THESE DRAWINGS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF PENNSYLVANIA. LICENSE NUMBER RA-012111-B, EXPIRATION DATE 06/30/2013.

SCALE:

N/A
 UNO

PROJECT NO.
CMWH_1108

SHEET TITLE

GENERAL SPECIFICATIONS

SHEET

SP2

OF

DIVISION 5 – METALS
SECTION 05120 – STRUCTURAL STEEL (NOT APPLICABLE)

SECTION 05210 – STEEL JOISTS (NOT APPLICABLE)

SECTION 05400 – METAL FRAMING

- Work includes light gauge metal framing units of size and gauge indicated, including manufacturer's standard tracks, blocking, clips, fasteners and accessories.
- Delivery and storage: Protect metal framing units from rusting and damage. Store above ground in dry, ventilated space, or protect with waterproof coverings.
- Exterior studs to be galvanized finish complying with ASTM A-525 for minimum G60 coating.
- Unless noted on plans, all interior metal studs to be 20 ga.

SECTION 05500 – METAL FABRICATIONS

- Work includes miscellaneous shop fabricated ferrous metal items, including but not limited to:
 - Loose steel lintels
 - Ballards
 - Steel angle corner guards
 - Miscellaneous framing, supports and trim
- Materials
 - Steel Sections: ASTM A36
 - Steel Tubing: ASTM A500 or ASTM A501
 - Steel Pipe: ASTM A53, Grade B, standard weight (Schedule 40).
 - Malleable Iron Castings: ASTM A47.
 - Bolts, Nuts and Washers: ASTM A307.
 - Welding Materials: ASW D1.1; type required for materials being welded.
 - Primer: SSPC-Paint 2, for shop application and field touch-up.
- Fabrication
 - Verify dimensions in field prior to shop fabrication.
 - Fabricate items with joints tightly fitted and secured.
 - Fit and shop assemble in largest practical sections, for delivery to site.
 - Prime paint items schedule to provide a uniform dry film thickness of 2.0 mils.

DIVISION 6 – WOOD & PLASTICS

SECTION 06100 – CARPENTRY

- Framing Lumber: American Softwood Lumber Standards PS20,54S, 19% maximum moisture content, with the following minimum working stresses:
 - Bending (E) = 1500 psi
 - Horizontal Shear (F) = 95 psi
 - Compression Perpendicular to Grain (C) = 390 psi
 - Modulus of Elasticity (E) = 1,500,000
- Members in contact with concrete, masonry or roofing shall be preservative treated, AWPB LP-2.
- Fire retardant treated lumber: AWPB C20. (As required –see code analysis on Cover Sheet.)

- Plywood: PS1, factory marked with appropriate APA trademark – 4-Ply. Water board is not acceptable. Protect all plywood from moisture by use of all required waterproof covering until the plywood has in turn been covered with the next succeeding component or finish.
 - Roof sheathing: APA rated sheathing, 40/20, 5/8" (U.N.O.) nominal, Exposure 1.
 - Wall sheathing: APA rated sheathing, 40/20, 5/8" (U.N.O.) nominal, Exposure 1.
 - Building felt: 15 lb. asphalt saturated felt.
- Nails, Spikes and Staples: Galvanized for exterior locations and treated wood; plain finish for other interior locations; size and type to suit application.
- Bolt, Nuts, Washers, Lags, Pins and Screws: Medium carbon steel; sized to suit application; galvanized for exterior locations and treated wood; plain finish for other interior locations.
- Fasteners: Toggle bolt type for anchorage to hollow masonry. Expansion shield and lag bolt type for anchorage to solid masonry or concrete. Bolts or power activated type for anchorage to steel.
- Erect wood framing, furring, stripping, plywood backing and nailing members true to lines and levels. Do not deviate from true alignment more than 1/4 inch.
- Comply with NFPA National Design Specification for Wood Construction recommendations for sizes and spacings of members, nailing schedule, and for framing openings if sizes, spacings or opening framing are not indicated.
- Provide blocking for support of wall mounted cabinetwork, hardware, toilet partitions, urinal screens, toilet accessories, and plumbing fixtures unless other means of support is indicated.
- Do not splice structural members between supports.

SECTION 06150 – PREFABRICATED WOOD TRUSSES (NOT APPLICABLE)

SECTION 06200 – FINISH CARPENTRY

- Softwood Lumber: Graded in accordance with the requirements of AWI Quality Standards; maximum moisture content of 6% for interior work and 10% for exterior work.
- Softwood Plywood: Graded in accordance with AWI Quality Standards; core material of veneer; of Red Oak Veneer, joint grade veneer, or plastic laminate as indicated.
- Plastic Laminate: NEMA LD-3; GP-50 for horizontal and vertical surfaces over marine plywood CL-20 for backing and unexposed surfaces.
- Nails: Size and type to suit application.
- Bolts, Nuts, Washers, Lags, Pins and Screws: Size and type to suit application.
- Interior wood trim: as shown on plans.
- Exterior Wood Trim: as shown on plans.
- Fabricate finish carpentry and cabinetwork items in accordance with AWI Quality Standards "Custom Grade", and Section 400 of the AWI Guide. Shop fabricate items where possible.
- Apply plastic laminate finish in full uninterrupted sheets consistent with manufactured sizes. Corners and joints to be hairline.
- Cap exposed plastic laminate edges with material of same finish and pattern.
- Use exposed fastening devices or nails only when unavoidable.
- Sand work smooth and set exposed nails and screws. Eliminate hammermarks and other defects; apply wood filler in exposed nail and screw indentations and leave ready to receive site applied finishes.
- Set and secure finish carpentry and cabinetwork items in place, rigid, plumb and square.
- Install and adjust cabinet hardware to correct operation.
- Finish woodwork shall be set straight, plumb or level, closely fitted and rigidly fastened. Nail heads of exposed work shall be set for putty and other fastenings shall be concealed.
- Joints shall be tight and formed to conceal shrinkage. All trim shall be mitered; no butt joints permitted; interior corners shall be coped.
- Install doors plumb, true and fitted properly. Leave in perfect working order. Warped doors will be rejected and shall be replaced. Neatly mortise, drill and anchor all hardware.
- Conceal fasteners wherever possible. Where not possible, locate them in an inconspicuous place. Where nails or screw attachments occur in woodwork face, countersink, putty and sand smooth.

SECTION 06255 – FIBERGLASS REINFORCED PANEL

- FRP panels: 48" wide, 3/32" thickness, white unless noted otherwise on Finish Schedule.
 - Kemlite
 - Marlite
- FRP Accessories:
 - All mouldings, trim, adhesive and other accessories shall be as manufactured and recommended by the same manufacturer as panels.
- Sealant
 - One part Silicones Rubber, ASTM C920 and FS TT-S-001543A, FDA approved, or as recommended by FRP manufacturer.
 - Color: Clear to translucent
- Install panels over water resistant drywall in strict accordance with manufacturer's recommendations, using non-flammable adhesive (100% coverage).
 - Drywall (all joints taped) or plywood sheathing must be installed prior to ceiling to provide a good bondable surface to accept installation of FRP panels.
- Discard units of material which are unsound, warped, bowed, twisted, improperly treated, or too small to fabricate work with minimum of joints or aluminum jointing arrangements, or which are of defective manufacture with respect to surfaces, sizes or patterns.

- Scribe and cut work to fit adjoining work.
 - Caulk all joints and all mouldings with silicones sealant.
 - Panels to be applied to the walls with the 48" dimension horizontal and in lengths to extend from base to ceiling with no intermediate horizontal joints.
 - Install the work plumb, level, true and straight with no distortions. Shim as required using concealed shims, install to a tolerance of 1/8" in 8'-0" for plumb and level, and with 1/16" maximum offset in flush adjoining surfaces.

DIVISION 7 – THERMAL AND MOISTURE PROTECTION

SECTION 07210 – BUILDING INSULATION

- Batt insulation: Pre-formed glass fiber batt; blankets with foil face membrane covering; per ASTM C665, Type II; densities of not less than 0.5 lb. per cu. ft. for glass fiber units. K-value of 0.22; flame spread of 25 or less, ASTM E84 (Class A), 6" (R-19) unless otherwise noted.
 - Cerainteed Corp.
 - Manville Building Materials Corp.
 - Owens-Corning Fiberglas Corp.
 - United States Gypsum Co.
 - Knauf Fiberglass
- Perimeter Insulation: Rigid, cellular thermal insulation with closed-cells and integral high density skin, formed by the expansion of polystyrene base resin in an extrusion process to comply with ASTM C578 for type indicated; with 5-year aged R-values of 5.4 and 5 at 40 and 75 deg. F (4.4 and 23.9 deg. C), respectively. 2" thickness unless otherwise noted.
 - Dow Chemical Co. – Styrofoam SM
 - Owens-Corning – Foamular Z50
 - Diversifoam Products – Censifoam SE
 - Tenneco Building Products – Amorofoam CM
- Sound attenuation insulation: USG "SAFB", 2.5 pound/cu. ft. density, no substitution.
- Installation accessories and adhesives shall be as recommended by insulation manufacturer for type of application and condition of substrate.
- Install batt insulation in accordance with manufacturer's instructions.
 - Place batt insulation in partitions tight within spaces, around cut openings, behind and around electrical and mechanical items within or behind partitions and tight to items passing through partitions.
 - Trim insulation neatly to fit spaces. Fill gaps or voids with insulation.
 - Install insulation with factory applied membrane facing warm side of building spaces.
- Secure rigid insulation to substrate surfaces. Stagger joints 6" where multi-layered. Cut and shape to substrate conditions.

SECTION 07240 – (NOT APPLICABLE)

SECTION 07480 – (NOT APPLICABLE)

DIVISION 4 – MASONRY
SECTION 04200 – CONCRETE UNIT MASONRY (NOT APPLICABLE)

SECTION 04700 – MANUFACTURED MASONRY (NOT APPLICABLE)

SUBMISSION AND REVISION DATES

NUM.	DESCRIPTION
12/05/2011	PERMIT SET

REVISION SYMBOLS

- DOES NOT APPLY TO THIS SHEET
- APPLIES TO THIS SHEET



WHITEHALL, PENNSYLVANIA

SEAL:

I CERTIFY THAT THESE DRAWINGS WERE PREPARED OR APPROVED BY ME, AND THAT I AM A DULY LICENSED ARCHITECT UNDER THE LAWS OF THE STATE OF PENNSYLVANIA. LICENSE NUMBER RA-012111-B, EXPIRATION DATE 06/30/2013.

SCALE: N/A UNO

PROJECT NO. CMWH_1108

SHEET TITLE
GENERAL SPECIFICATIONS

SHEET

SP3

OF

SECTION 07530 – MEMBRANE SHEET ROOFING (NOT APPLICABLE)

SECTION 07550 – METAL ROOFING (NOT APPLICABLE)

- Install steel doors and frames plumb and square in correct locations indicated on drawings and with a maximum diagonal distortion of 1/16 inch. Ensure that frames are securely and rigidly anchored to adjacent construction.
- Hang door to fit frames closely without binding. Door to come into full contact with stops when closed. Doors shall swing quietly and evenly and not strike floors at any point of swing. Doors not equipped with closers shall remain stationary in any intermediate position in which they are left.
- Immediately after installation, touch up surface coating damage with primer paint identical to that used for shop coat. Leave in clean condition, ready for finish paint specified in Section 09900. Install rubber door silencers after frames are given finish coats of paint.

SECTION 08210 – WOOD DOORS (NOT APPLICABLE)

SECTION 08410 – ALUMINUM STOREFRONT AND WINDOWS

- Summary. Section includes Architectural storefront systems, including perimeter trims, stools, accessories, shims and anchors, and perimeter sealing of storefront units.
 - Framing system: Trifab VG 451T. 2" x 4-1/2" nominal dimension; Thermal; Center; Weathersel Glazed; Shear block.
- Storefront system performance requirements:
 - Air infiltration: The test specimen shall be tested in accordance with ASTM E 283. Air infiltration rate shall not exceed 0.06 cfm/ft² at a static air pressure differential of 6.24 psf.
 - Water resistance: The test specimen shall be tested in accordance with ASTM E 331. There shall be no leakage at a minimum static air pressure differential of 8 psf as defined in AAMA 501.
 - Uniform load: A static air design load of 20 psf shall be applied in the positive and negative direction in accordance with ASTM E 330. There shall be no deflection in excess of L/175 of the span of any framing member. At a structural test load equal to 1.5 times the specified design load, no glass breakage or permanent set in the framing members in excess of 0.2% of their clear spans shall occur.
- Not used
- Warranty: Manufacturer's product warranty; submit, for owner's acceptance, manufacturer's warranty for entrance system as follows:
 - Warranty period: Two (2) years from date of substantial completion of the project provided however that the Limited warranty shall begin in no event later than six months from date of shipment by Kawneer.

Quality assurance:

- Installer qualifications: Installer with a minimum of five years experience to perform work of this section and who has specialized in the installation of work similar to that required for this project and who is acceptable to project manufacturer.
 - Manufacturer qualifications: Manufacturer capable of providing field service representation during construction, approving acceptable installer and approving application method.
- Delivery, storage, and handling:
- Packaging, shipping, handling, and unloading: Deliver materials in manufacturer's original, unopened, undamaged containers with identification labels intact.
 - Storage and protection: Store materials protected from exposure to harmful weather conditions. Handle storefront material and components to avoid damage. Protect storefront against damage from elements, construction activities, and other hazards before, during and after entrance installation.
- Products:
- Acceptable manufacturers/products: Kawneer Company, Inc. or Equivalent.
 - Address: 555 Guthridge Court, Technology Park, Atlanta, Norcross, GA 30092, P: 770-448-5555 or F: 770-734-1560.
 - Proprietary product(s)/system(s): Kawneer aluminum storefront system or Equivalent.
 - Series: Trifab VG 451T Framing system.
 - Framing member profile: 2" x 4-1/2"; Center; Weathersel (Type B) Glazed.
 - Finish Color: Refer to number 10 (Finishes) this section.

Accessories:

- Thermal barrier (Trifab VG 451T):
 - Kawneer IsoLock thermal break with a 1/4" separation consisting of a two part chemically curing, high density polyurethane which is mechanically and adhesively joined to aluminum storefront sections.
 - Thermal break shall be designed in accordance with AAMA TR-48 and tested in accordance with AAMA 505.

Fabrication:

- Fabricate components per manufacturer's installation instructions and with minimum clearances and shim spacing around perimeter of assembly, yet enabling installation and dynamic movement of perimeter seal.
- Accurately fit and secure joints and corners. Make joints flush, hairline and weathersel.
- Prepare units to receive anchor devices. Fabricate anchors.
- Arrange fasteners and attachments to conceal from view.

Finishes:

- Factory Finishing: Fluorpon (70% PVPF), AAMA 2605, Fluoropolymer Coating; Color: refer to window/storefront types.

Execution:

- Examination: Site verification of conditions: Verify substrate conditions (which have been previously installed under other sections) are acceptable for product installation in accordance with manufacturer's instructions. Verify openings are sized to receive storefront system and sill plate is level in accordance with manufacturer's acceptable tolerances.
- Field measurements: Verify actual measurements/openings by field measurements before fabrication; show recorded measurements on shop drawings. Coordinate field measurements, fabrication schedule with construction progress to avoid construction delays.

Installation:

- Install storefront systems plumb, level, and true to line, without warp or rock of frames with manufacturer's prescribed tolerances and installation instructions. Provide support and anchor in place.
 - Disinfect materials: Provide separation of aluminum materials from sources of corrosion or electrolytic action contact points.
 - Weatheright construction: Install sill members and other members in a bed of sealant or with joint filler or with gaskets, to provide weathertight construction. Coordinate installation with wall flashings and other components of construction.
 - Related products installation requirements: Sealants, as required by manufacturer. Glass: 1" Clear insulated glass units.
- Protection and cleaning:
 - Protectant: Protect installed product's finish surfaces from damage during construction. Protect aluminum storefront system from damage from grinding and polishing compounds, plaster, lime, acid, cement, or other harmful contaminants.
 - Cleaning: Repair or replace damaged installed products. Clean installed products in accordance with manufacturer's instructions prior to owner's acceptance. Remove construction debris from project site and legally dispose of debris.

SECTION 08520 – METAL WINDOWS (Not Applicable)

SECTION 08710 – FINISH HARDWARE

- All door hardware will be furnished by the Contractor. A schedule of hardware is shown on drawings.
- Install hardware in accordance with manufacturer's recommendations, using proper templates.
- Do not install surface-mounted items until finishes have been completed on the substrate.
- Set units level, plumb and true to line and location. Adjust and reinforce the attachment substrate as necessary for proper installation and operation.
- Drill and countersink units which are not factory-prepared for anchors fasteners. Space fasteners and anchors in accordance with industry standards.
- Mount hardware units as indicated in DHI "Recommended Locations for Builders' Hardware for Standard Steel Doors and Frames"
- Through-bolt all door dasers.
- Screw thresholds to substrate with No. 10 or larger stainless steel screws of the proper type for permanent anchorage of threshold.
 - Set thresholds at exterior doors in a bed of mastic sealant to completely fill concealed voids and exclude moisture from every source. Do not plug drainage holes or block weeps. Remove excess sealant.
- Surface mounted weatherstripping shall be installed prior to other surface mount hardware, without breaks. Coordinate hardware accessories to suit continuous weatherstrip.
- Clean operating items as necessary to restore proper function and finish of hardware.
- Adjust door control devices to compensate for final operation of heating and ventilating equipment.

SECTION 08810 – GLASS AND GLAZING

- Typical glass: ASTM C1036, float or plate, quality a3, 1" insulating glass units shall comply with ASTM E774.
- Mirror glass: Quality g2, 1/4" thickness, polished edges.
 - Mastic: As recommended by manufacturer.
- Replace broken glass and clean all glass prior to final inspection.
- Provide safety glazing in all hazardous locations as defined in the applicable building code. Safety glazing shall satisfy the test requirements of CPSC 16 CFR, part 1201.

DIVISION 9 – FINISHES

SECTION 09260 – GYPSUM BOARD SYSTEMS

- Gypsum Panels – Types Required:
 - Regular board: ASTM C36, tapered edges.
 - Fire rated board: ASTM C36, tapered edges.
 - Water resistant board: ASTM C630, Grade R, tapered edges.
 - Plaster board.
 - Cement backer board for tile shall be "Durock" Ceramic Tile Wall, 1/2" nominal thickness (do not use Woodboard).
 - Thickness: 5/8" or 1/2" – Refer to building plans.
- Studs, Trim and Accessories
 - Steel Studs: Per ASTM C645, galvanized, gages as noted. Track shall be one size heavier than studs.
 - Corner Beads, Control Joints, and Edge Trim: Per ASTM C1047, equal to USG #103 "Dur-A-Bead", #993 and #200-A respectively, galvanized. Under otherwise detailed, exposed "J" trim is not acceptable.
- Fasteners: Screws, per ASTM 1002, 1-1/4" Type "W" bugle head into wood framing, 1-1/2" Type "S" bugle head into steel framing, and 3/8" Type "S-12" pan (or low profile) head for steel to steel framing connections.

Joint Treatment Materials

- Joint tape: Paper reinforcing tape, per ASTM C475.
- Joint Compound: Provide chemical hardening type for bedding and filling, and ready-mixed vinyl type for topping, per ASTM C475.
- Textured Finish: See finish schedule.

Steel Framing and General Gypsum Board Installation Requirements:

- Steel Framing, Board Application and Finish Standards: GA216 and ASTM C754 and C840. Studding shall be 16" o.c. unless otherwise noted. Provide horizontal bracing at 4'-0" o.c. measured vertically. Frame door openings to comply with GA219.
- Install ceiling boards in the direction and manner which will minimize the number of end-butt joints, and which will avoid end joints in the central area of each ceiling. Stagger end joints at least 4'-0".
- Install wall/partition boards vertically to avoid end-butt joints wherever possible.
- Locate either edge or end joints over supports. Stagger joints over different studs on opposite sides of partitions.
- Space fasteners in gypsum boards in accordance with referenced standards and manufacturer's recommendations, except as otherwise indicated.
 - Parallel Application: 12" o.c. in field; 8" o.c. along edges.
 - Perpendicular Application: 12" o.c. in field; 12" o.c. along edges.

Installation of Drywall Trim Accessories

- Install metal corner beads at horizontal and vertical external corners of drywall work. Secure with screws; clinching is not acceptable.
 - Install metal control joint (beaded-type) where indicated at 30'-0" maximum centers in any wall or ceiling.
- Finishing of Drywall**
- Apply treatment at gypsum board joints (both directions), flanges of trim accessories, penetrations, fastener heads, surface defects and elsewhere as required to prepare work for decoration. Apply joint compound in 3 coats. Sand between last 2 coats and after last coat.
 - Water-resistant Gypsum Board Base for Ceramic Tile. Comply with recommendations of gypsum board manufacturer for treatment of joints.
- Application of Texture Finish**
- Prepare and prime drywall and other surfaces in strict accordance with texture finish manufacturer's instructions.
 - Mix and apply finish to drywall and other surfaces indicated to receive finish in strict accordance with manufacturer's instructions to produce a uniform texture without stained spots or other evidence of thin application, and free of application patterns.
 - Remove texture droppings from door frames, windows and other adjoining work.

SECTION 09320 – CERAMIC TILE

- Refer to Interior Finish Schedule for Specifications.
- Quality Assurance: Perform tile work in accordance with the requirements of ANSI-TCA 137.1, "Recommended Standard Specification for Ceramic Tile"
- Comply with applicable TCA installation methods for substrates indicated.
- All quarry base throughout store to be installed over cement backer board.
- Mix and proportion pre-mix setting bed and grout materials in accordance with manufacturer's instructions.
- Lay tile in grid pattern, parallel to walls. Lay out tile work and center tile fields in both directions in each space or on each wall area so that no tiles less than 1/2 full tile will occur. Provide uniform joint widths.
- All tile shall be brought to true and level planes with joints well filled and shall be secured firmly in place.
- Cut and fit tile right to protrusions and/or perpendicular interruptions.
- Sound tile after setting. Replace hollow sounding units.
- Allow tile to set for a minimum of 48 hours prior to grouting.
- Prohibit traffic from floor finish or activities near wall finish for 72 hours after installation. Protect the tile work from damage with kraft paper or other heavy non-staining covering during the construction period.
- Upon completion of placement and grouting, clean all ceramic tile surfaces so they are free of foreign matter. Acid solutions may be used when permitted by tile and grout manufacturer's printed instructions.

SECTION 09510 – ACOUSTICAL CEILING

- Acoustical Panels
 - Refer to Finish Schedule for specifications including size & color.
 - Not used
- Suspension System
 - Exposed, direct hung, per ASTM C635.
 - Exposed grid members shall be prefinished, low gloss finish; color to match ceiling panels. Provide USG's "Donn Ax" aluminum grid (white).
 - Concealed grid member shall be electro-galvanized.
 - Structural Classification: Intermediate duty.
 - Provide fire rated grid where indicated or scheduled, or required by local codes.
- Miscellaneous Materials
 - Hanger Wire: Galvanized carbon steel wire, ASTM A641, soft temper, prestretched, Class 1 coating, sized so that stress at 3-times hanger design load (ASTM C635, Table 1, Direct Hung), will be less than yield stress of wire, but provide not less than 12 gage.
 - Edge Moldings and Trim: Metal of type and profiles indicated or, if not indicated, provide manufacturer's standard molding for edges and penetrations on ceiling which fits with type of edge detail and suspension system specified.
- Installation
 - Install suspension systems to comply with ASTM C636. Locate hangers not less than 6" from each end and spaced 4'-0" along each carrying channel or direct-hung runner, unless otherwise indicated, leveling to tolerance of 1/8" in 12'-0". In kitchen areas, hangers shall be spaced 3'-0" along each carrying channel or direct-hung runner to obtain load capacity of 16 lbs./L.F. Provide hanger wire at each corner of each recessed fluorescent fixture.
 - Secure wire hangers by loading and wire-tying, either directly to structure or to inserts, eye-screws, or other devices which are secure and appropriate for substrate, and which will not deteriorate or fail with age or elevated temperatures.
 - Install hangers plumb and free from contact with insulation or other objects within ceiling plenum which are not part of supporting structural or ceiling suspension system. Splay hangers only where required to miss obstructions and offset resulting horizontal force by bracing, counterbalancing or other equally effective means.
 - Install edge moldings of type indicated at perimeter of acoustical ceiling area and at locations where necessary to conceal edges of acoustical units. Provide hold down clips on ceiling panels in vestibule.
 - Clean exposed surfaces of acoustical ceilings, including trim, edge moldings, and suspension members; comply with manufacturer's instructions for cleaning and touch-up of minor finish damage. Remove and replace work which cannot be successfully cleaned and repaired to permanently eliminate evidence of damage.

SECTION 09900 – PAINTING & STAINING

- Provide labor, materials, equipment and related items required to complete the exterior and interior items and surface throughout the project including filling, sealing, priming, and finishing.
- Not used
- Ensure surface temperature and the surrounding air temperature are above 50 degrees F before applying paint materials.
- Provide adequate continuous ventilation and sufficient heating facilities to maintain temperatures above 45° F for 24 hours before, during and 48 hours after application of paint and materials.
- Provide minimum 25 foot candles of lighting on surfaces to be painted.
- Acceptable Manufacturer
 - Refer to Interior Finish Schedule & Elevations.
- Perform preparation, filling, sealing, sanding and cleaning of surfaces scheduled to be painted in accordance with paint manufacturer's instructions.
- Remove hardware and accessories, fittings and fastenings, electrical plants, lighting fixtures and similar items. Restrain removed items after completion of painting.
- Do not paint over dirt, dust, stains, rust, scale, oil, grease, moisture, scuffed surfaces, or other contamination or conditions detrimental to formation of a durable paint film.
- Backprime all woodwork and exterior trim.
- Apply paint in accordance with paint manufacturer's instructions and as herein specified.
- Apply each coat of paint at no less than spreading rate indicated in manufacturer's instructions.
- Sand lightly between enamel coats.
- Completely cover items/surfaces scheduled to be painted to provide a smooth surface of uniform finish, color, appearance and paint material coverage free from cloudiness, specking, holidays, laps, brush marks, runs, streaks, sags, ropiness and other surface imperfections.

DIVISION 10 – SPECIALTIES

SECTION 10150 – TOILET COMPARTMENTS (Not Applicable)

SECTION 10800 – TOILET ACCESSORIES

- See toilet accessory schedule for specifications.
- Install fixtures, accessories and items in accordance with manufacturer's instructions, and where affected, at heights or locations for the handicapped as indicated or specified herein.
- Install true, plumb and level, securely and rigidly anchored to 1 1/2" solid wood blocking in between or plywood wall sheathing.