

-DAWSON COUNTY SENIOR CENTER DRAWINGS TO FOLLOW-  
ATTACHMENT "B"



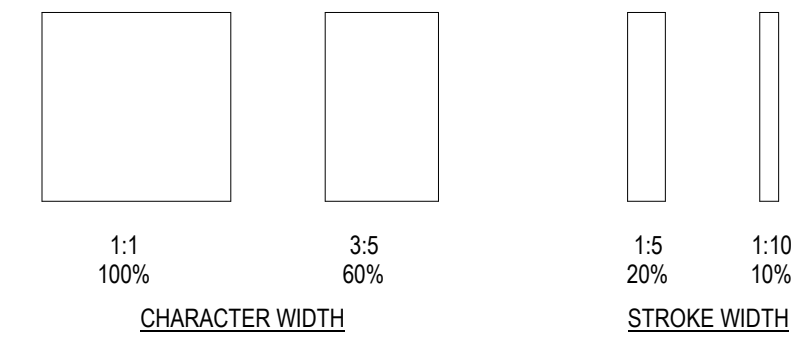
3/8/2019 10:22:44 AM  
SHEET NAME: ADA/AG REGULATORY SIGNAGE & TYPICAL MOUNTING HEIGHTS SHEET NUMBER: G0-02 PROJECT NAME: PROJECT NAME  
FILENAME: C:\Users\skender\Documents\My Recent Projects\2017\1816000000 Dawson Senior Center\XAM-JULS skender.dwt

**SIGNAGE:**  
1. ALL SIGNAGE SHALL MEET THE REQUIREMENTS OF THE 2010 FEDERAL HANDICAPPED ACCESSIBILITY GUIDELINES.  
2. PROVIDE ALL CODE REQUIRED SIGNAGE AT THE FOLLOWING LOCATIONS: ALL TOILETS AND RESTROOMS, MECHANICAL ROOMS, ELECTRICAL ROOMS, EQUIPMENT ROOMS.  
3. REFER TO G0-04 FOR SIGNAGE LOCATIONS.

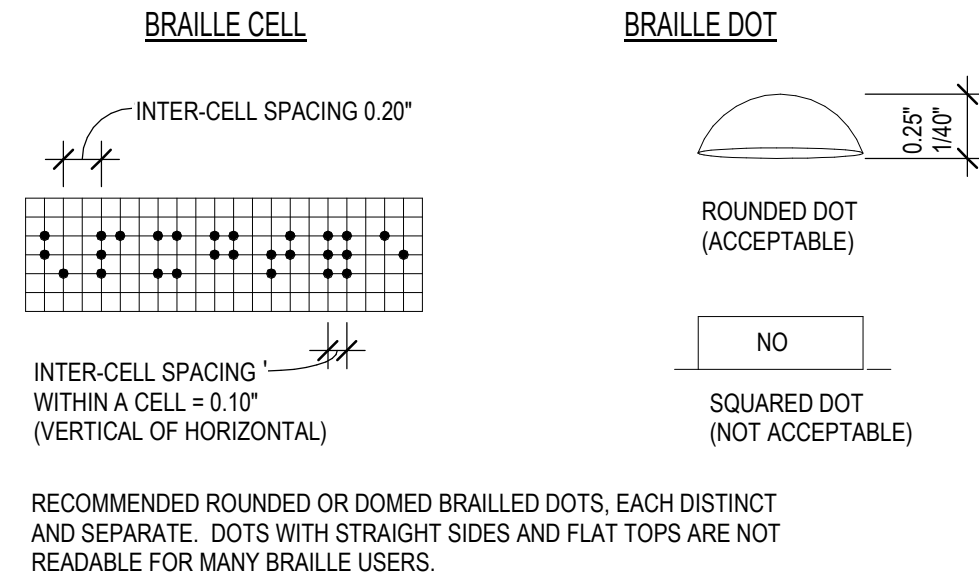
1. CHARACTER TYPE: CHARACTERS ON SIGNS SHALL BE RAISED 1/32" MINIMUM AND SHALL BE SANS SERIF UPPERCASE CHARACTERS ACCOMPANIED BY GRADE II BRAILLE.
2. CHARACTER SIZE: RAISED CHARACTERS SHALL BE A MINIMUM OF 5/8" (15.9mm) AND A MAXIMUM OF 2" (51mm) HIGH.
3. FINISH AND CONTRAST: CONTRAST BETWEEN CHARACTERS, SYMBOLS AND THEIR BACKGROUND MUST BE 70% MINIMUM AND HAVE A NON-GLARE FINISH.
4. PROPORTIONS: CHARACTERS ON SIGNS SHALL HAVE A WIDTH-TO-HEIGHT RATIO OF BETWEEN 3.5 AND 1:1 AND A STROKE WIDTH-TO-HEIGHT RATIO OF BETWEEN 1.5 AND 1:10.

ALL LETTERS MEASURED MUST BE UPPERCASE. AFTER CHOOSING A TYPESTYLE TO TEST, BEGIN BY PRINTING THE LETTERS I, X AND O AT 1 INCH HIGH. PLACE THE TEMPLATE'S 1:1 SQUARE OVER THE X OR O, WHICHEVER IS NARROWER. IF THE CHARACTER IS NOT SMALLER THAN 1 INCH, NOR NARROWER THAN THE 3.5 RECTANGLE TO DETERMINE IF THE STROKE OF THE I IS TOO BROAD, AND THE 1:10 RECTANGLE TO SEE IF IT IS TOO NARROW. IF ALL THE TESTS ARE PASSED, THE TYPESTYLE IS COMPLIANT WITH PROPORTION CODE.

TEMPLATE FOR CHECKING CHARACTER AND STROKE WIDTH TO HEIGHT PROPORTIONS



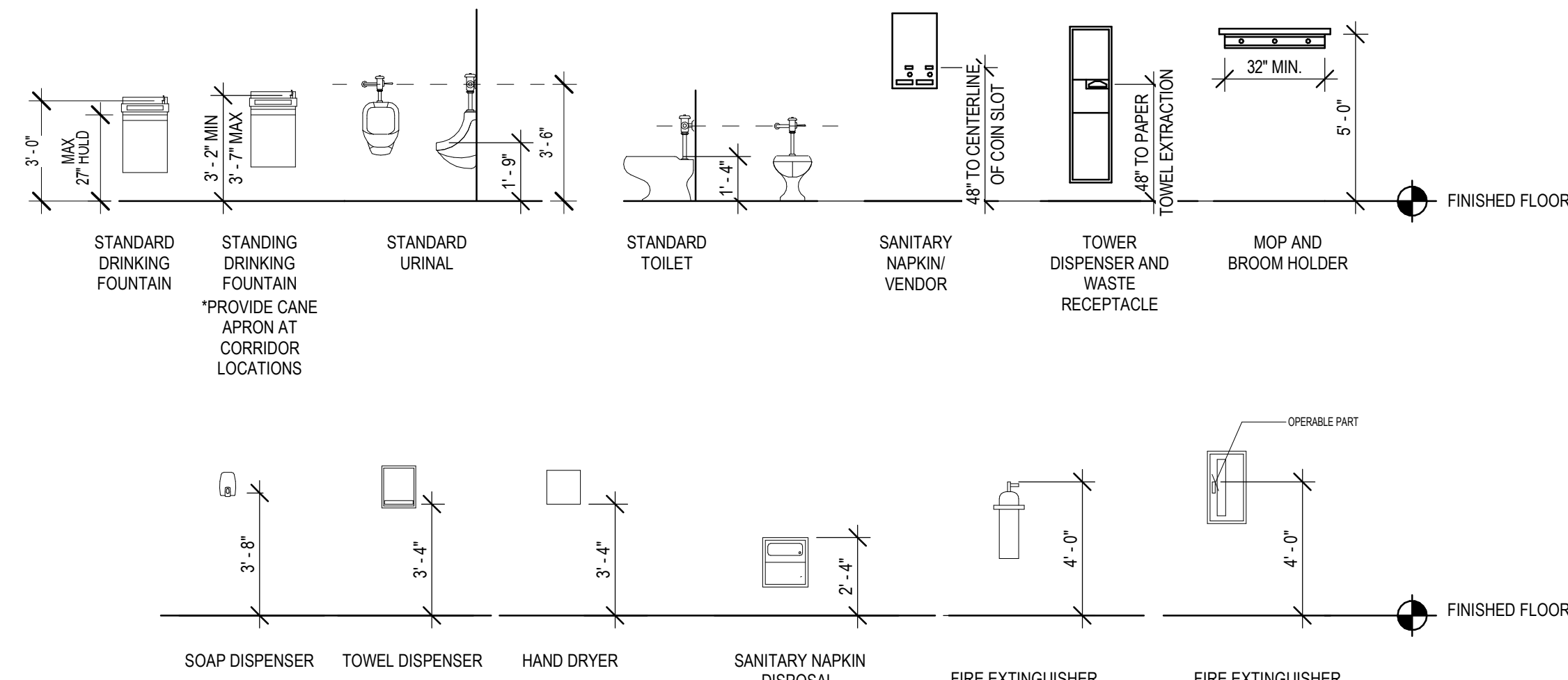
5. BRAILLE: GRADE II BRAILLE SHALL BE USED WHENEVER BRAILLE IS REQUIRED IN OTHER PORTIONS OF THESE STANDARDS. DOTS SHALL BE 1/10" (2.54mm) ON CENTERS IN EACH CELL WITH .241" (6.08mm) SPACE BETWEEN CELLS, MEASURED M CELL. DOTS SHALL BE RAISED A MINIMUM OF 1/4" (0.635mm) ABOVE THE BACKGROUND.



REF: ADA 4.30  
ANSI 703.4

## 9 BRAILLE REQUIREMENTS

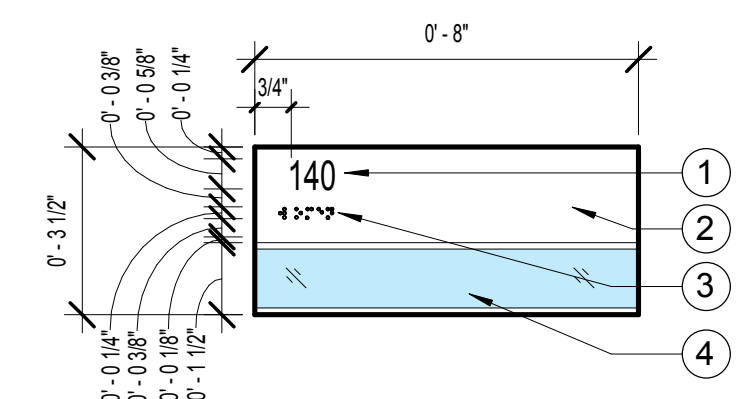
SCALE: 1:1



NOTE: TOILET ACCESSORIES ARE SHOWN FOR MOUNTING HEIGHTS ONLY AND DO NOT REPRESENT ACTUAL FIXTURES SPECIFIED. SEE PLUMBING DRAWINGS AND ENLARGED TOILET PLANS, ELEVATIONS & TOILET ACCESSORY SCHEDULES FOR DETAILS. SEE SHEET G-003 FOR REQUIRED HANDICAPPED HEIGHTS AND CLEARANCES.

## 8 STANDARD FIXTURE MOUNTING HEIGHTS

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

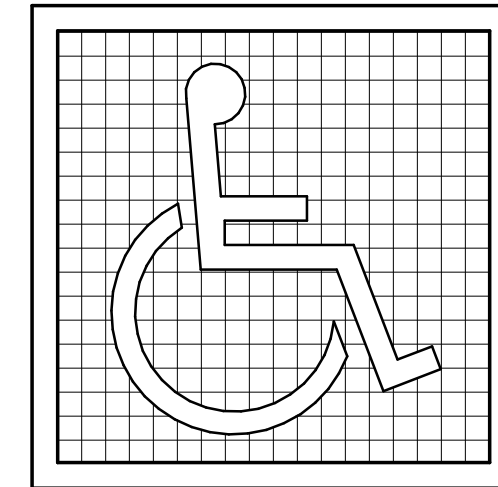


1. ROOM NUMBER. COLOR TO CONTRAST W/ DOOR FINISH
2. SYMBOL BACKGROUND - 1/4" THICK MATTE ACRYLIC BACK PAINTED COLOR TO CONTRAST W/ DOOR FINISH
3. CORRESPONDING GRADE II BRAILLE

NOTE: ATTACH SIGNAGE W/ VHB FOAM TAPE AND SILICONE ADHESIVE.

## 7 SIGN TYPE C - OFFICES

SCALE: 3" = 1'-0"



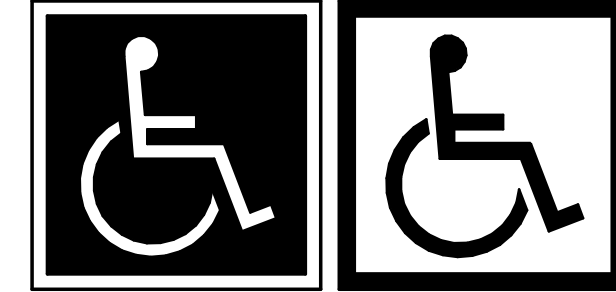
NOTE:

SYMBOL SIZE SHALL BE AS SCHEDULED IN SIGN LAYOUT DIAGRAMS. STROKE WIDTH TO HEIGHT RATIO SHALL BE BETWEEN 1.5 & 1:10.

SIGN LETTERS/ NUMBERS WIDTH TO HEIGHT RATIO SHALL BE BETWEEN 1.5 & 1:10.

REF: ADA 4.30, FIG. 30, ANSI 703.6

A. SYMBOL PROPORTIONS

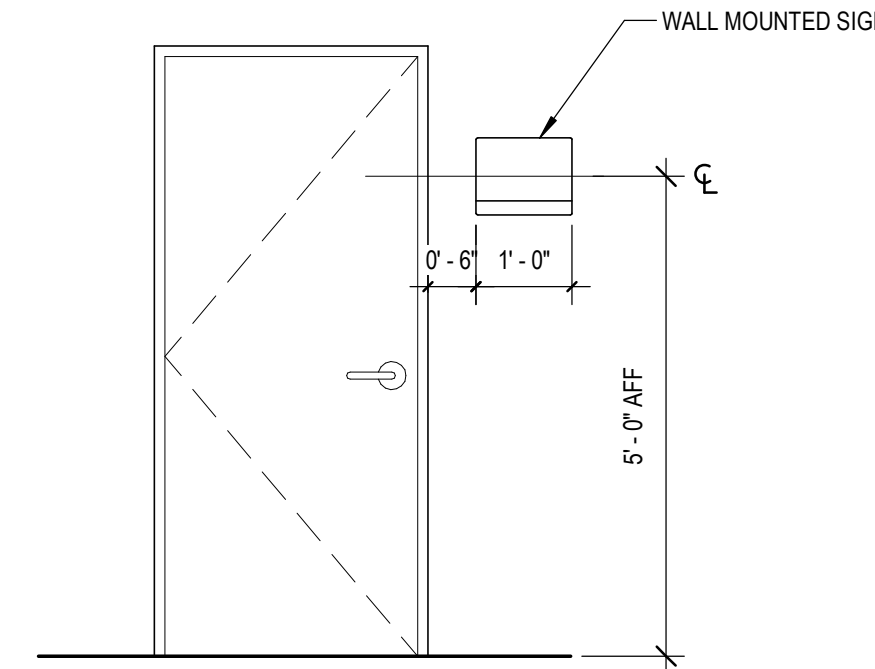


B. DISPLAY CONDITIONS

## INTERNATIONAL ACCESSIBILITY SYMBOL

SCALE: 1:1

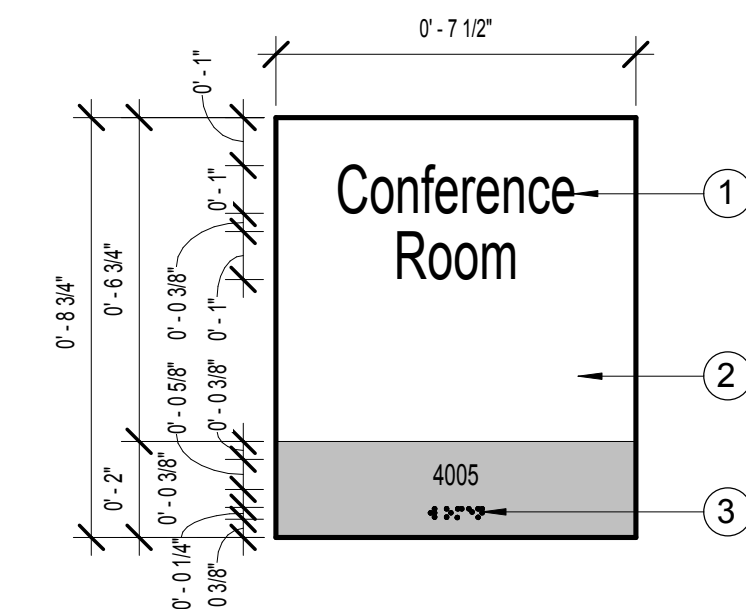
6



## 5 SIGN MOUNTING DIAGRAM

SCALE: 1/2" = 1'-0"

5

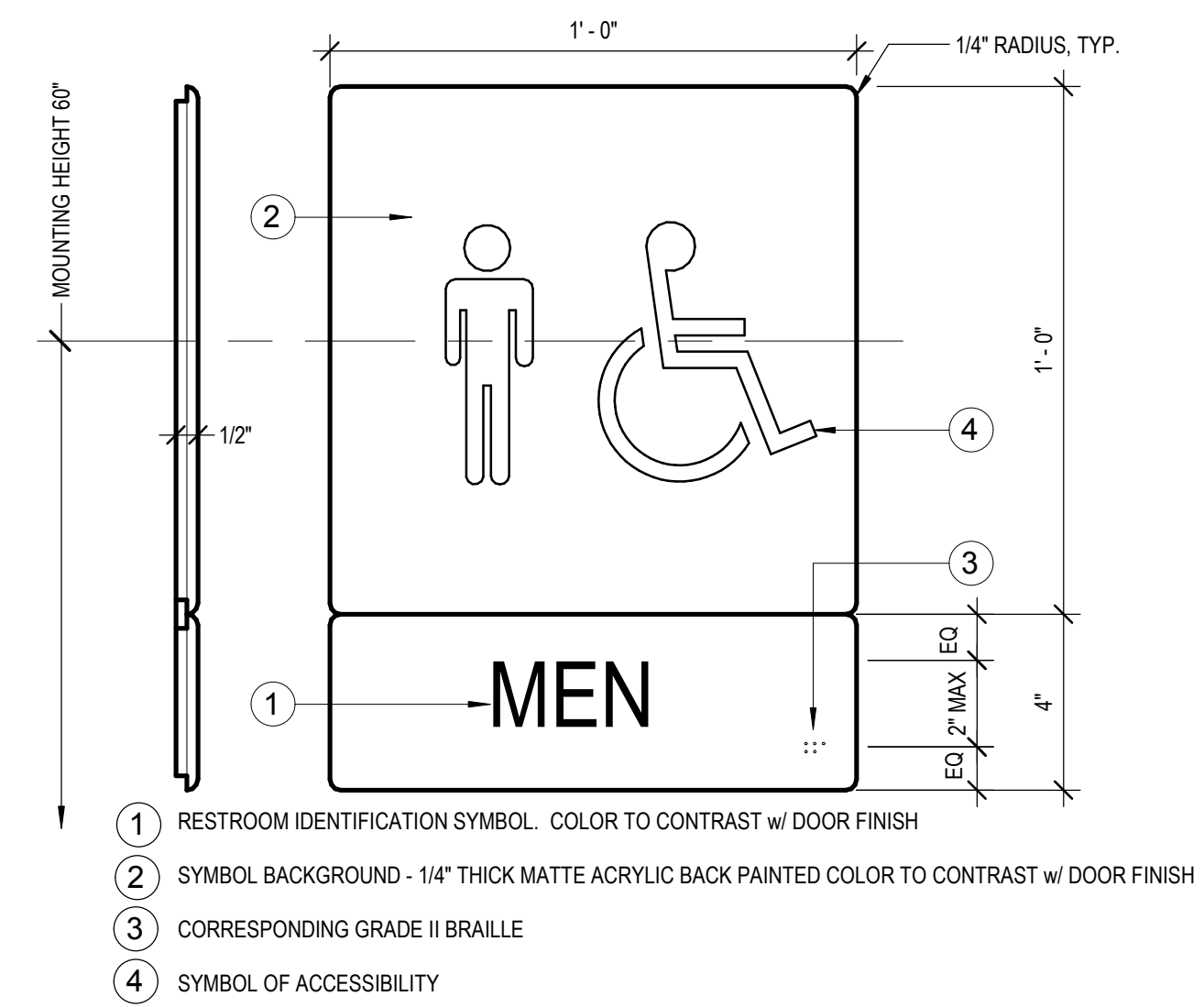


1. ROOM IDENTIFICATION SYMBOL. COLOR TO CONTRAST W/ DOOR FINISH
2. SYMBOL BACKGROUND - 1/4" THICK MATTE ACRYLIC BACK PAINTED COLOR TO CONTRAST W/ DOOR FINISH
3. CORRESPONDING GRADE II BRAILLE

NOTE: ATTACH SIGNAGE W/ VHB FOAM TAPE AND SILICONE ADHESIVE.

## 4 SIGN TYPE B - ROOM ID

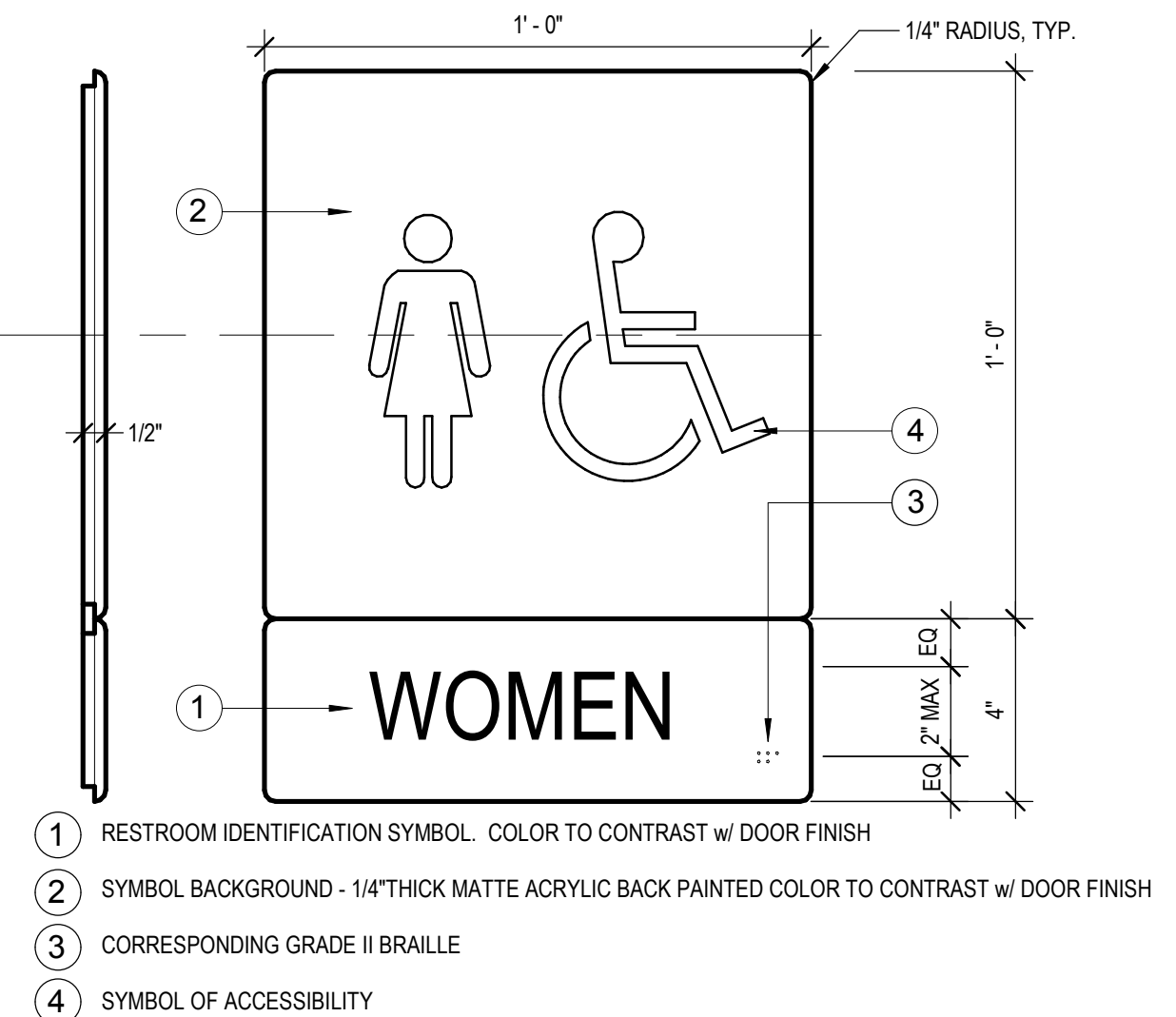
SCALE: 3" = 1'-0"



1. RESTROOM IDENTIFICATION SYMBOL. COLOR TO CONTRAST W/ DOOR FINISH
2. SYMBOL BACKGROUND - 1/4" THICK MATTE ACRYLIC BACK PAINTED COLOR TO CONTRAST W/ DOOR FINISH
3. CORRESPONDING GRADE II BRAILLE
4. SYMBOL OF ACCESSIBILITY

## 3 SIGN TYPE A-3 - RESTROOM

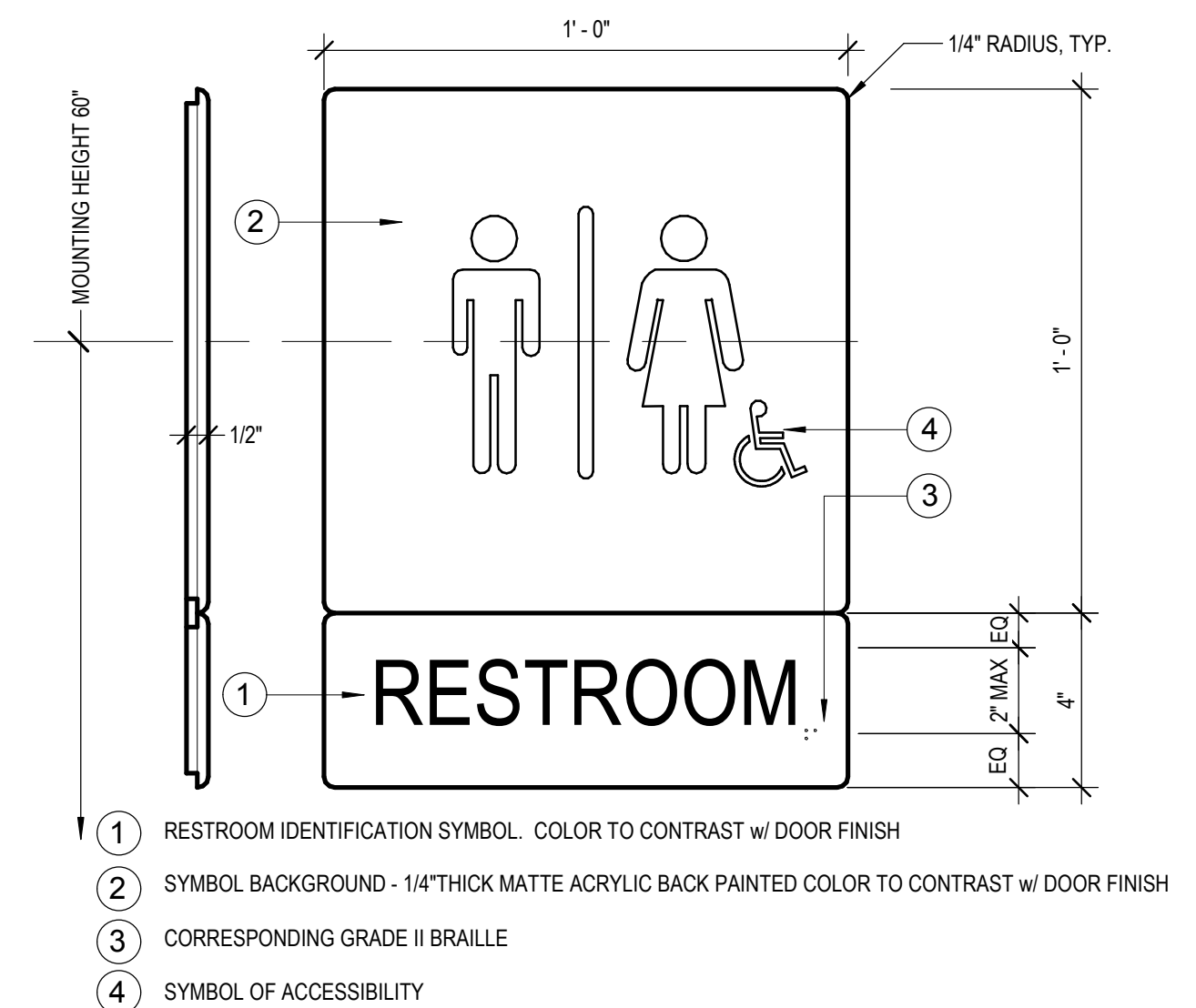
SCALE: 3" = 1'-0"



1. RESTROOM IDENTIFICATION SYMBOL. COLOR TO CONTRAST W/ DOOR FINISH
2. SYMBOL BACKGROUND - 1/4" THICK MATTE ACRYLIC BACK PAINTED COLOR TO CONTRAST W/ DOOR FINISH
3. CORRESPONDING GRADE II BRAILLE
4. SYMBOL OF ACCESSIBILITY

## 2 SIGN TYPE A-2 - RESTROOM

SCALE: 3" = 1'-0"



1. RESTROOM IDENTIFICATION SYMBOL. COLOR TO CONTRAST W/ DOOR FINISH
2. SYMBOL BACKGROUND - 1/4" THICK MATTE ACRYLIC BACK PAINTED COLOR TO CONTRAST W/ DOOR FINISH
3. CORRESPONDING GRADE II BRAILLE
4. SYMBOL OF ACCESSIBILITY

## 1 SIGN TYPE A-1 - RESTROOM

SCALE: 3" = 1'-0"

DESIGNING ARCHITECT

WAKEFIELD BEASLEY & ASSOCIATES

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Print Record  
2018-06-01 DESIGN DEVELOPMENT 100%  
2018-06-18 CD PROGRESS PRINT 90%  
2019-02-19 CONSTRUCTION DOCUMENTS 100%  
2019-03-08 GRANT REVIEW DOCUMENTS

Revisions

No.	Date	Description

RELEASED FOR CONSTRUCTION

DATE February 04, 2019

PROJECT NUMBER 1816000.000

SHEET TITLE  
ADAAG REGULATORY SIGNAGE & TYPICAL MOUNTING HEIGHTS

SHEET NUMBER

G0-02

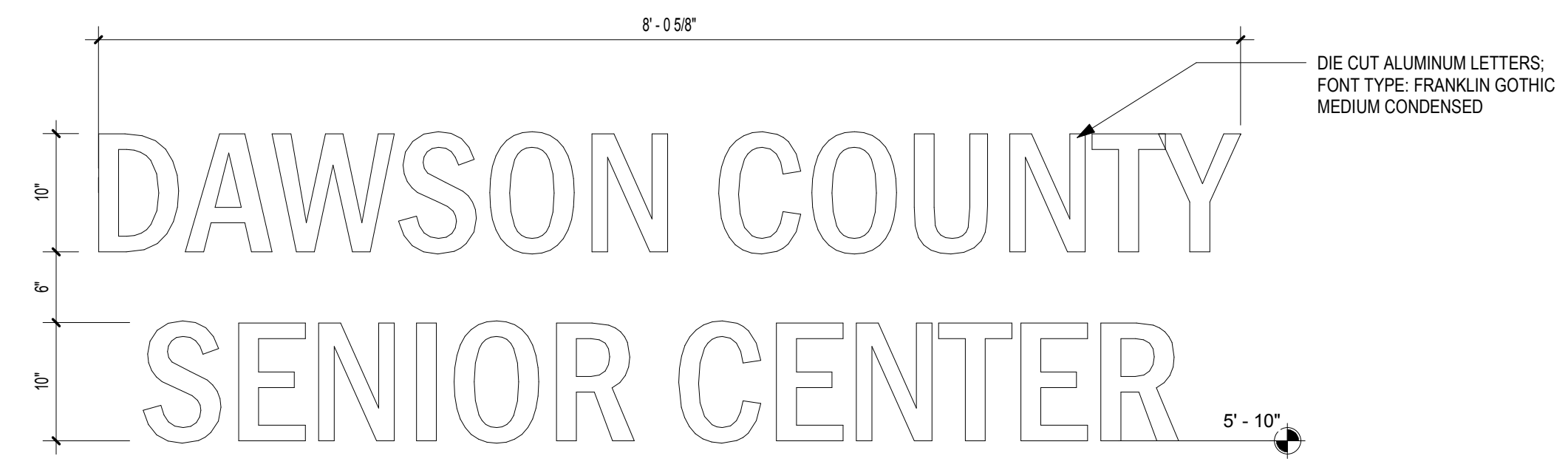
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SHEET NAME: EXTERIOR SIGNAGE DETAILS SHEET NUMBER: G0-03 PROJECT NAME: PROJECT NAME

FILENAME: C:\Users\stander\Documents\My Recent Projects\201718-16000000 Dawson Senior Center\18-16000000 Dawson Senior Center-XAM-JUS-stander.rvt



**2** SIGN TYPE E - EXTERIOR  
SCALE: 1" = 1'-0"



**1** SIGN TYPE D - EXTERIOR  
SCALE: 1" = 1'-0"

NOTE:  
1. REFER TO G0-04 FOR SIGNAGE LOCATIONS.  
2. REFER TO SPECIFICATIONS FOR ADDITIONAL SIGNAGE INFORMATION.

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2019-03-08	GRANT REVIEW DOCUMENTS	

Revisions

No.	Date	Description

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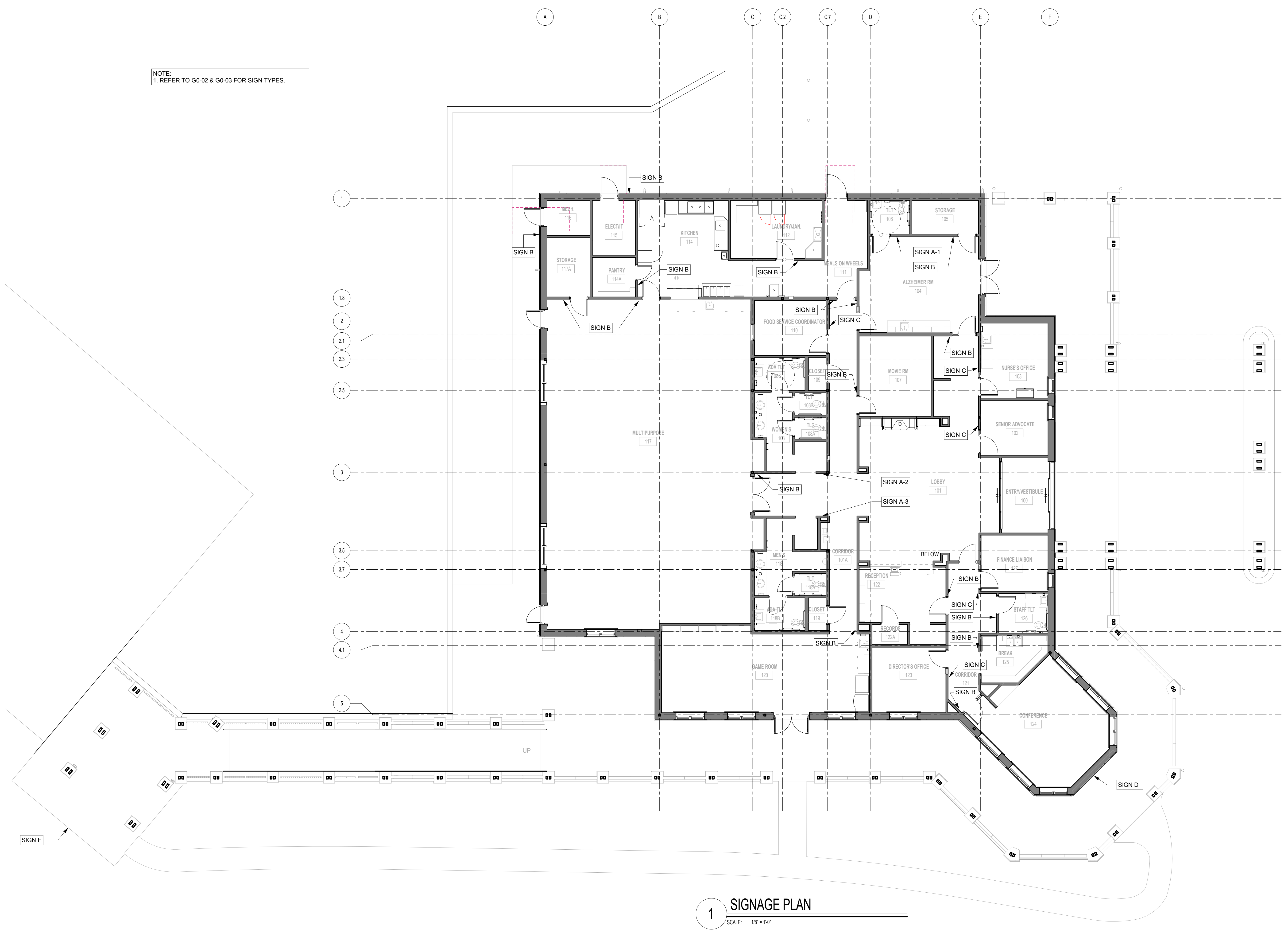
DATE February 04, 2019

PROJECT NUMBER 1816000.000

SHEET TITLE  
**EXTERIOR SIGNAGE DETAILS**

SHEET NUMBER  
**G0-03**

NOTE:  
1. REFER TO G0-02 & G0-03 FOR SIGN TYPES.



1 SIGNAGE PLAN  
SCALE: 1/8" = 1'-0"

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2019-03-08	GRANT REVIEW DOCUMENTS	

Revisions

No.	Date	Description

RELEASED FOR CONSTRUCTION

DATE February 04, 2019

PROJECT NUMBER 1816000.000

SHEET TITLE

SIGNAGE PLAN

SHEET NUMBER

G0-04

3/8/2019 10:22:48 AM  
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 FILENAME: C:\Users\skander\Documents\My Recent Projects\20171816000000 Dawson Senior Center\XAM-JUS\_sikander.rvt

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 2019-02-19 CONSTRUCTION DOCUMENTS 100%  
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Revisions

No.	Date	Description

RELEASED FOR CONSTRUCTION

DATE February 04, 2019

PROJECT NUMBER 1816000.000

SHEET TITLE  
**HANDICAPPED ACCESSIBILITY DIAGRAMS**

SHEET NUMBER

G0-05

602.4 Spout Height. Spout outlets shall be 36 inches (915 mm) maximum above the finish floor or ground.

602.5 Spout Location. The spout shall be located 15 inches (380 mm) minimum from the vertical support and 5 inches (125 mm) maximum from the front edge of the unit, including bumpers.

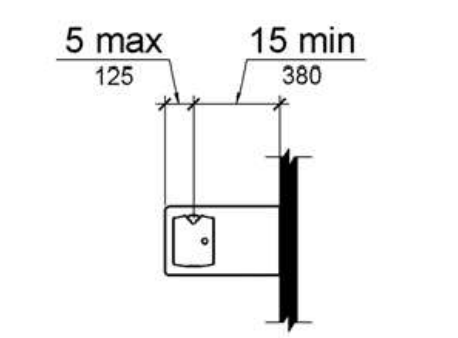


Figure 602.5 Drinking Fountain Spout Location

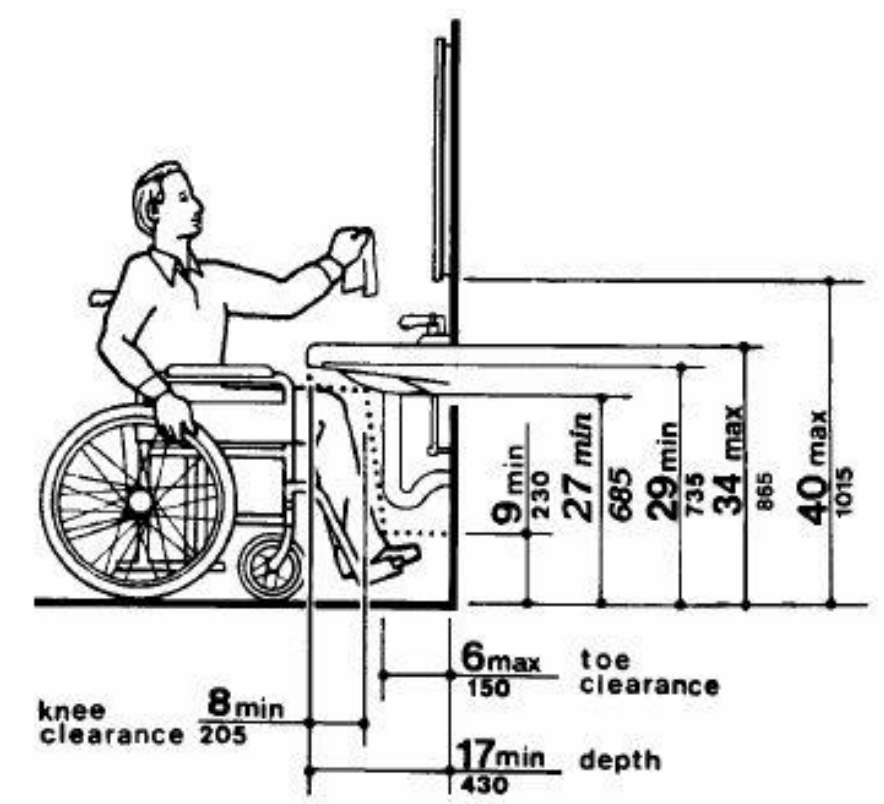


Fig. 31 Lavatory Clearances

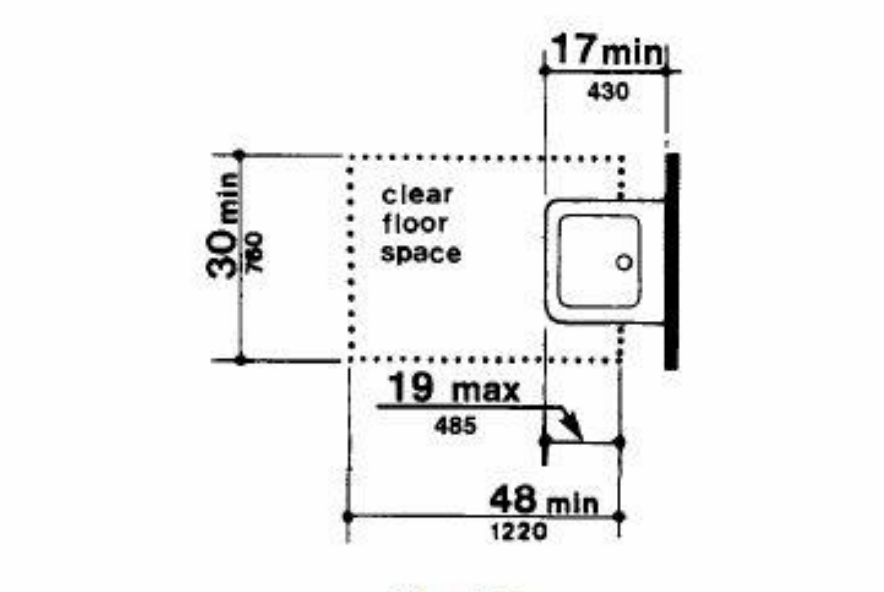


Fig. 32 Clear Floor Space at Lavatories  
 4.19.2 Height and Clearances. Lavatories shall be mounted with the rim or counter surface no higher than 34 in (865 mm) above the finish floor. Provide a clearance of at least 29 in (735 mm) above the finish floor to the bottom of the apron. Knee and toe clearance shall comply with Fig. 31.

306.2.5 Width. Toe clearance shall be 30 inches (760 mm) wide minimum.

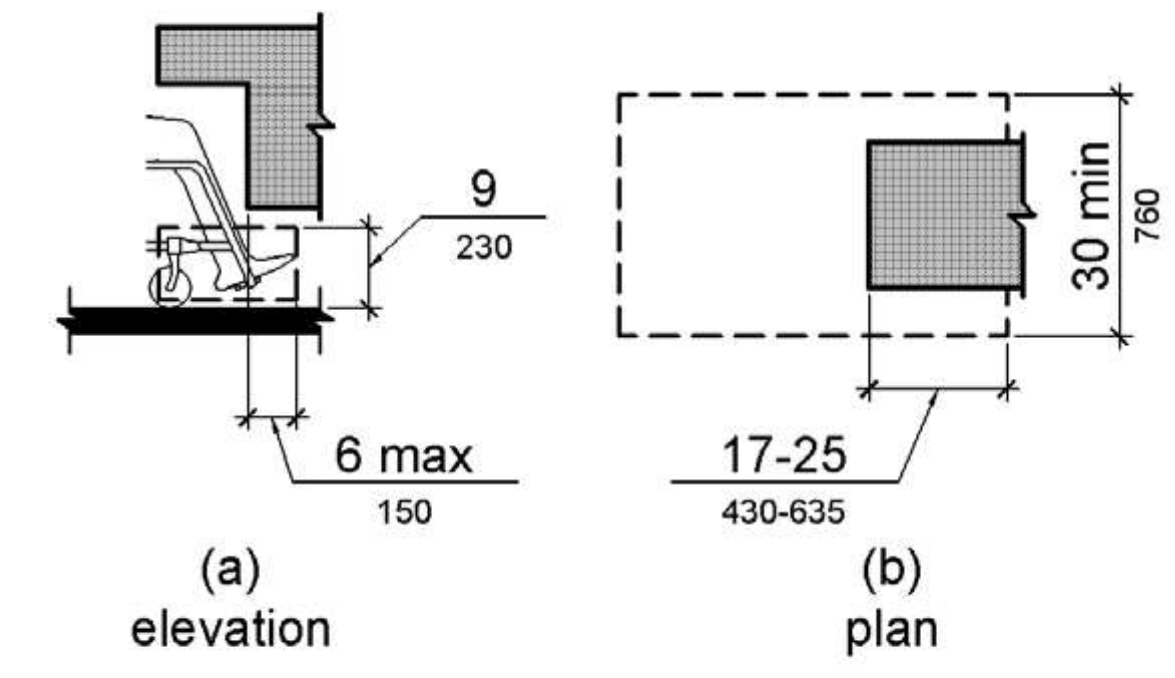


Figure 306.2 Toe Clearance

306.3.5 Width. Knee clearance shall be 30 inches (760 mm) wide minimum.

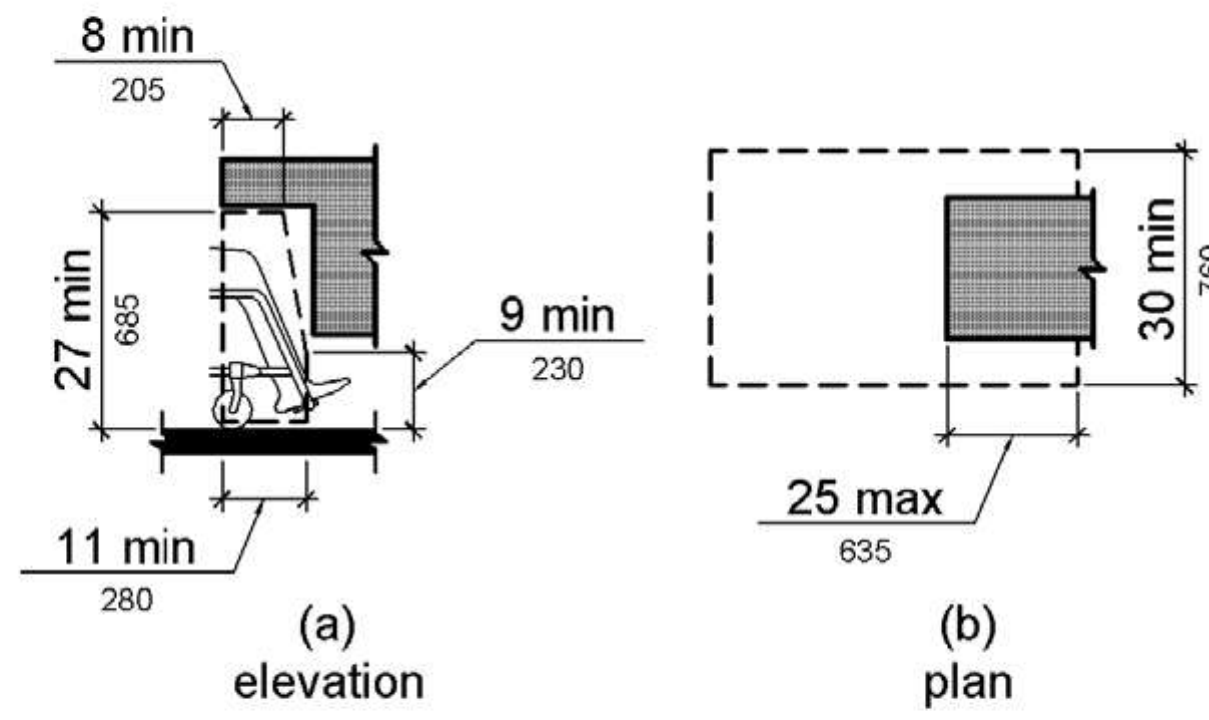


Figure 306.3 Knee Clearance

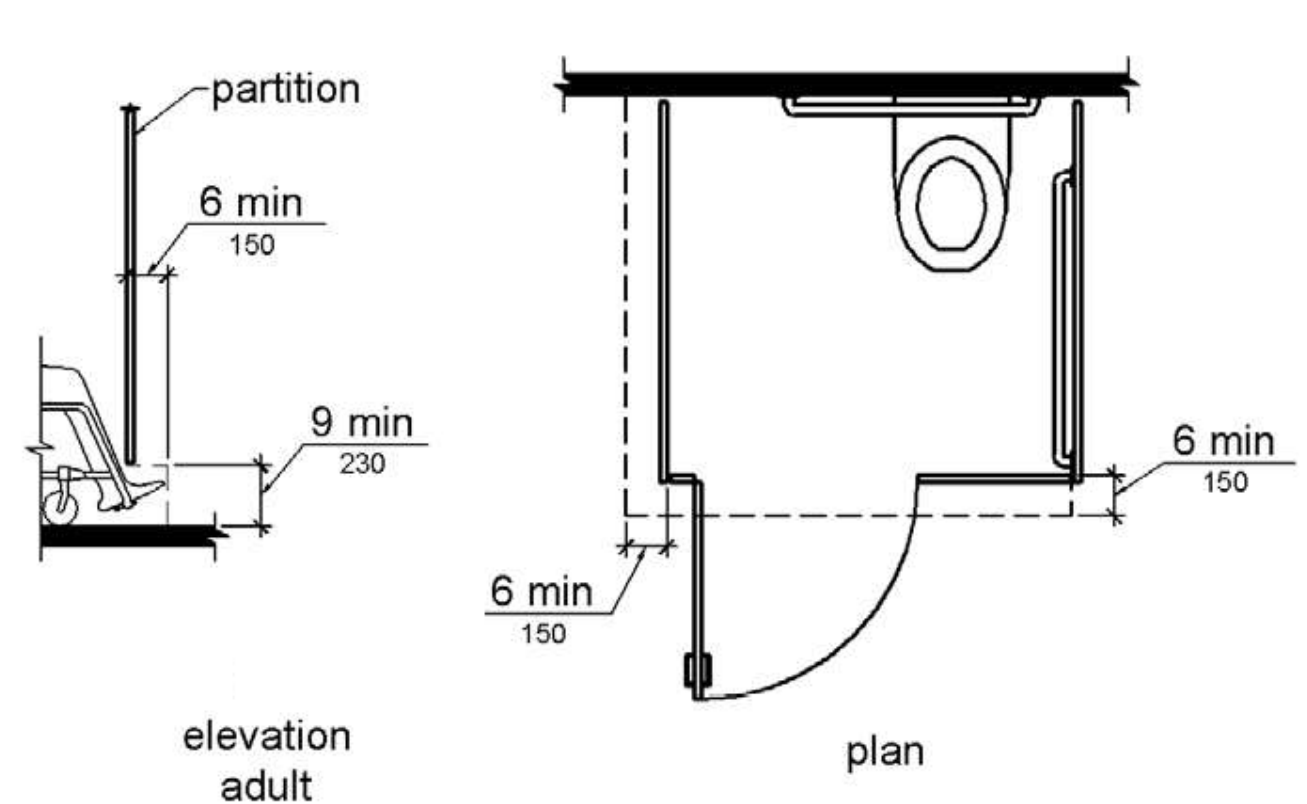


Figure 604.8.1.4

Wheelchair Accessible Toilet Compartment Toe Clearance

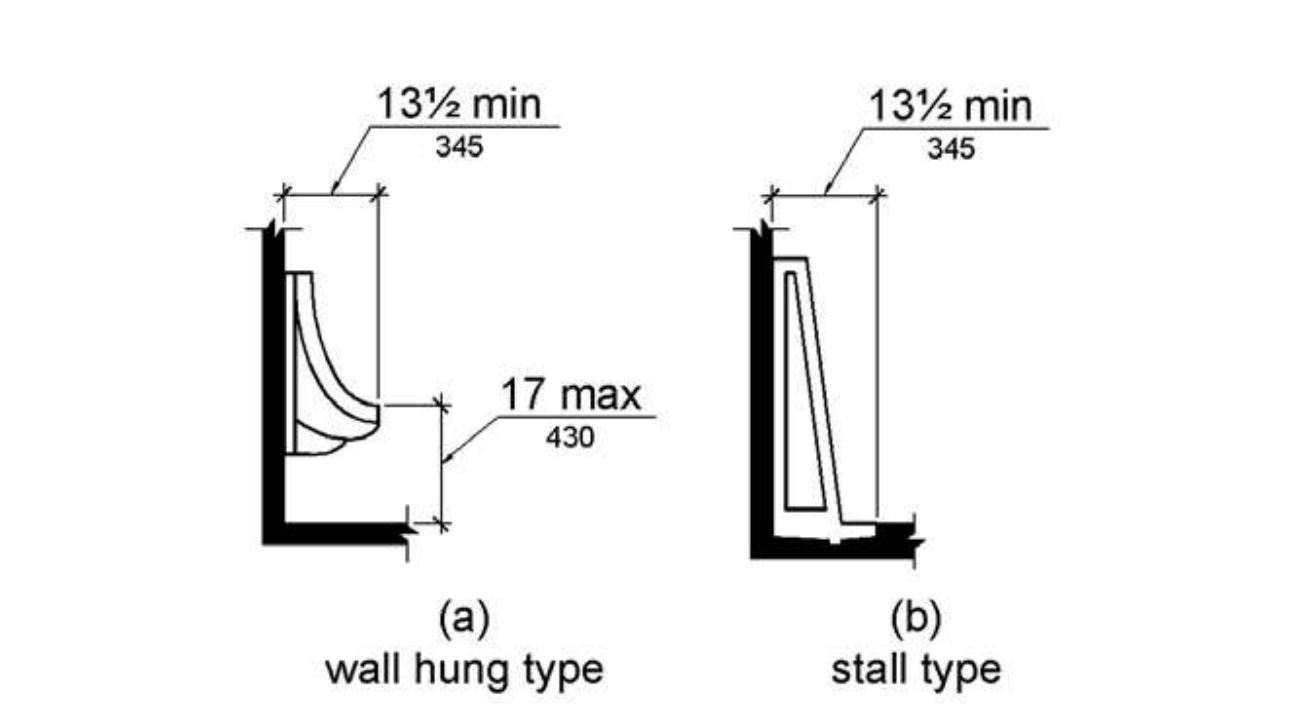


Figure 605.2 Height and Depth of Urinals

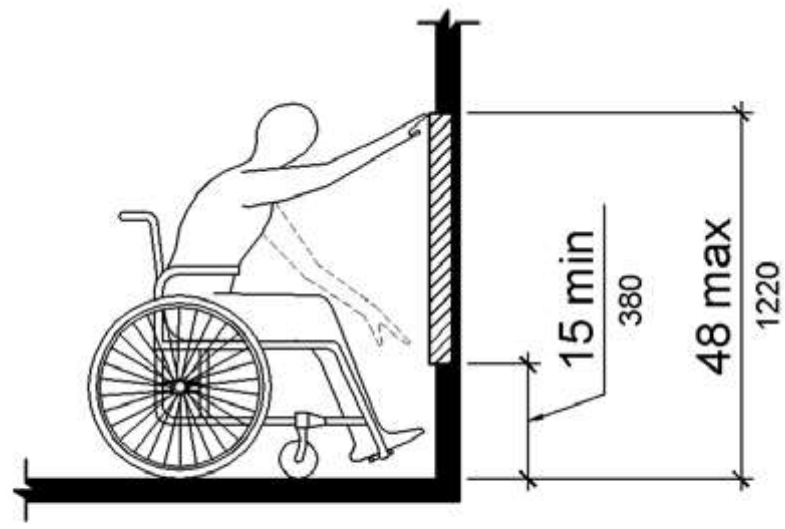
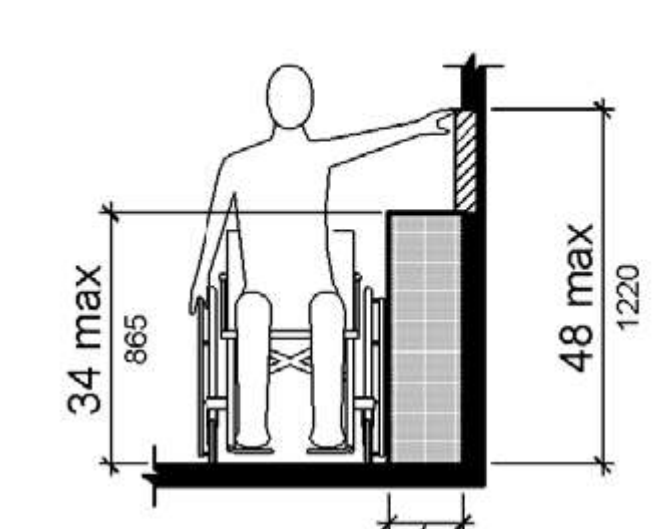
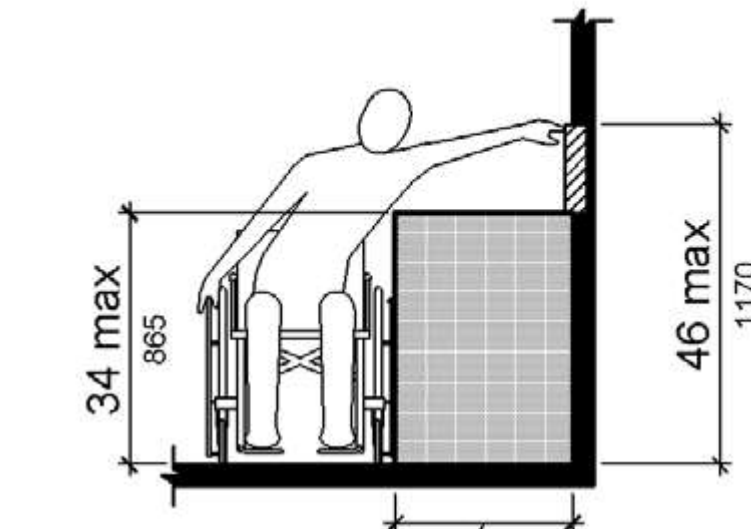


Figure 308.2.1 Unobstructed Forward Reach



(a)



(b)

Figure 308.3.2 Obstructed High Side Reach

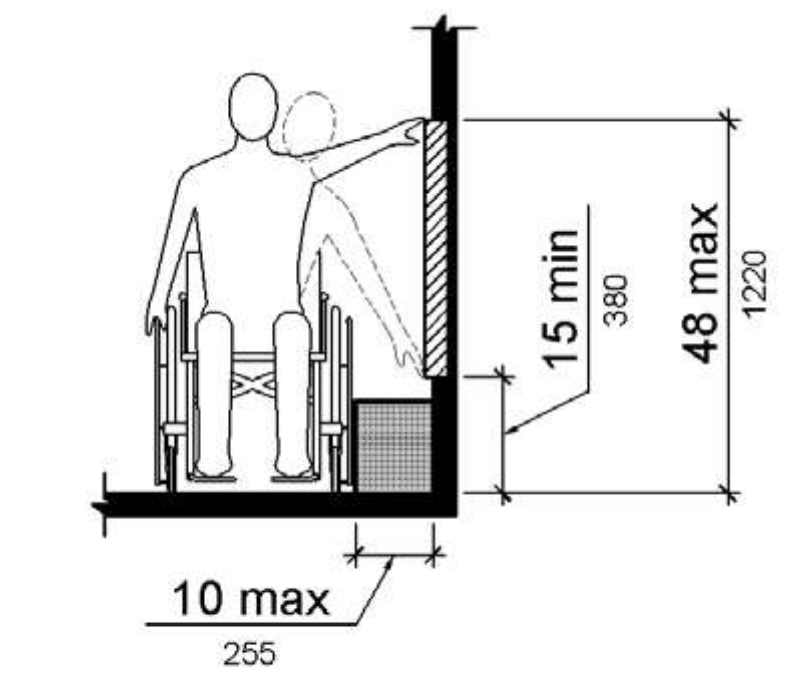
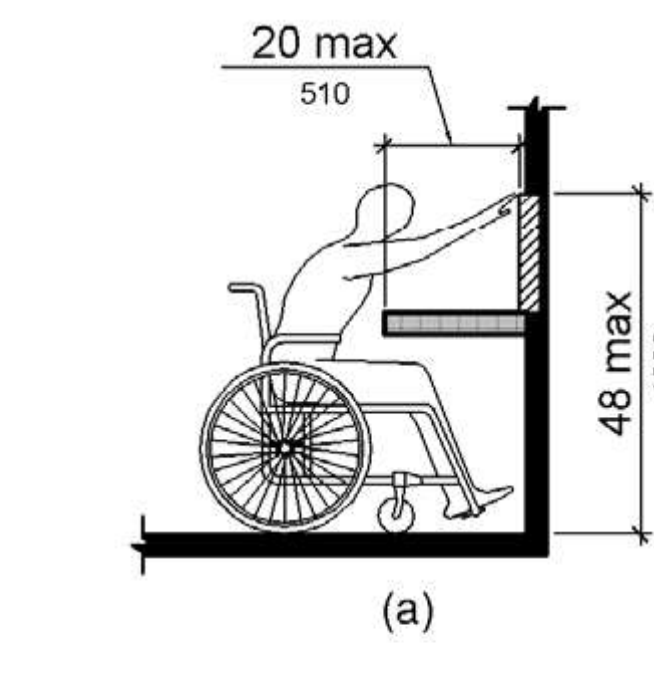
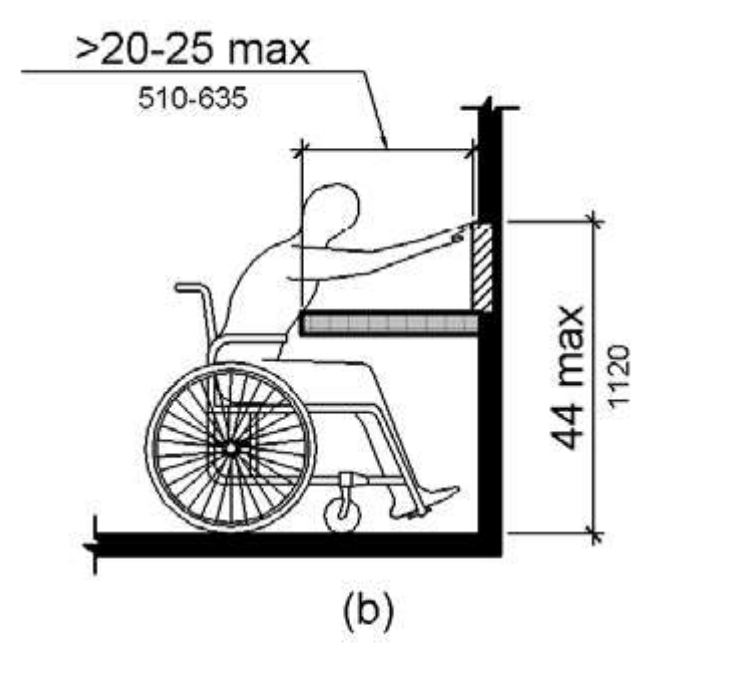


Figure 308.3.1 Unobstructed Side Reach



(a)



(b)

Figure 308.2.2 Obstructed High Forward Reach

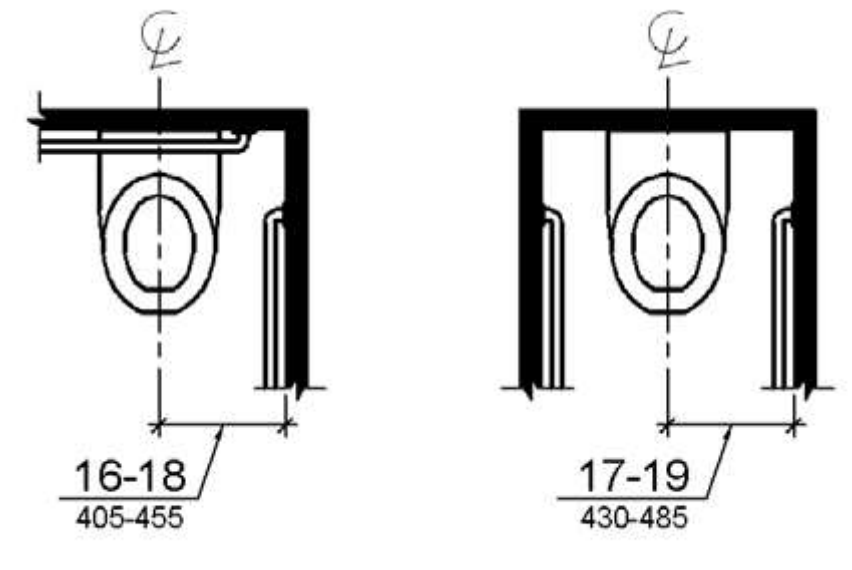


Figure 604.2 Water Closet Location

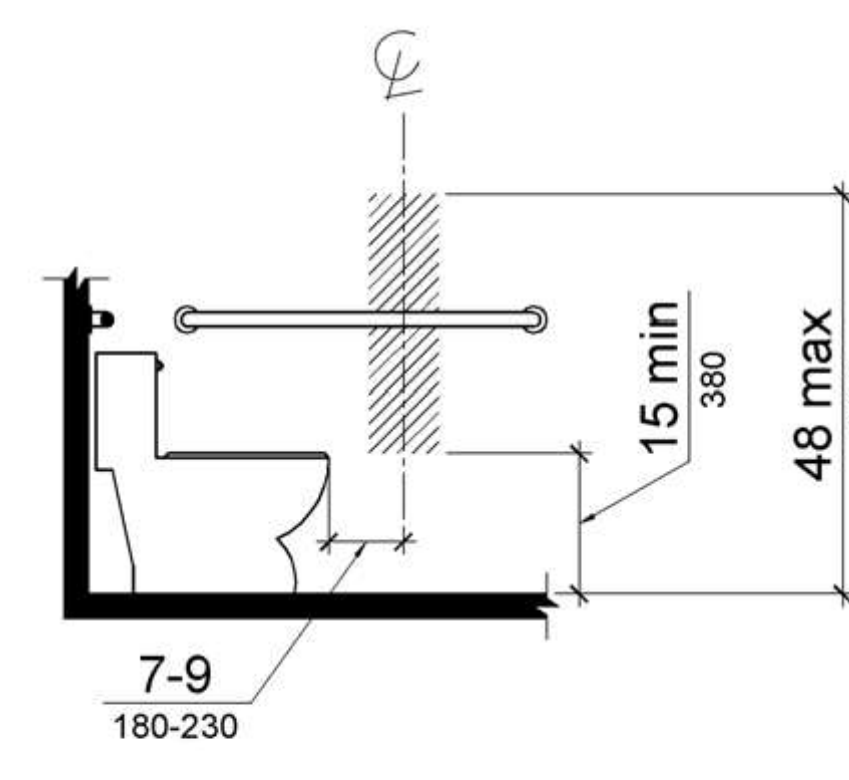


Figure 604.7 Dispenser Outlet Location

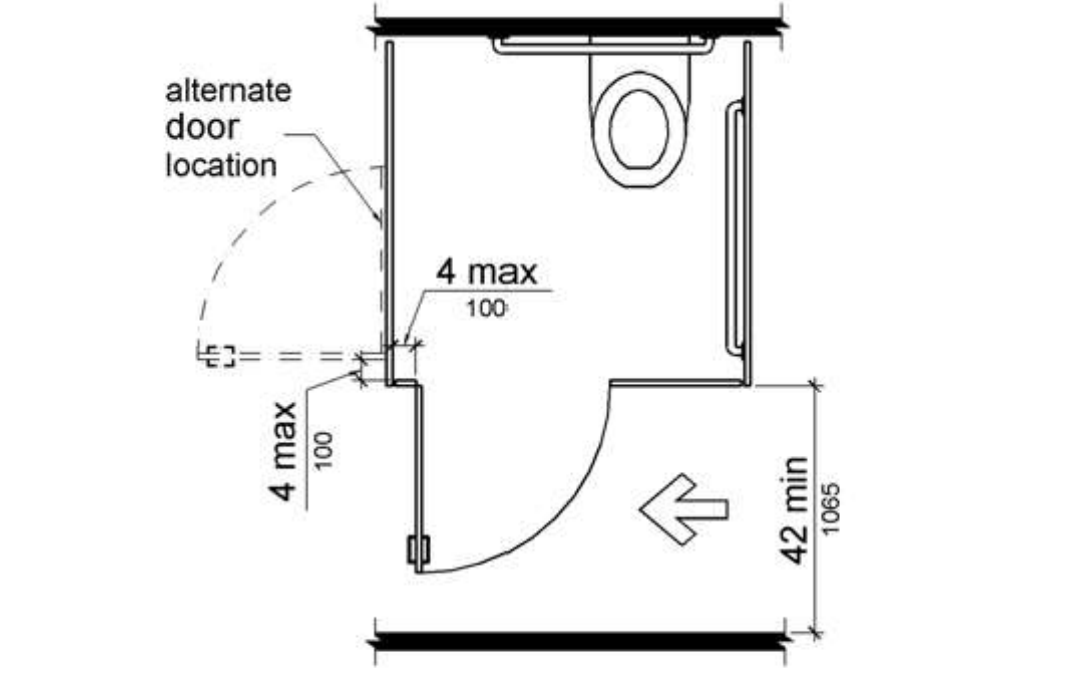


Figure 604.8.1.2 Wheelchair Accessible Toilet Compartment Doors

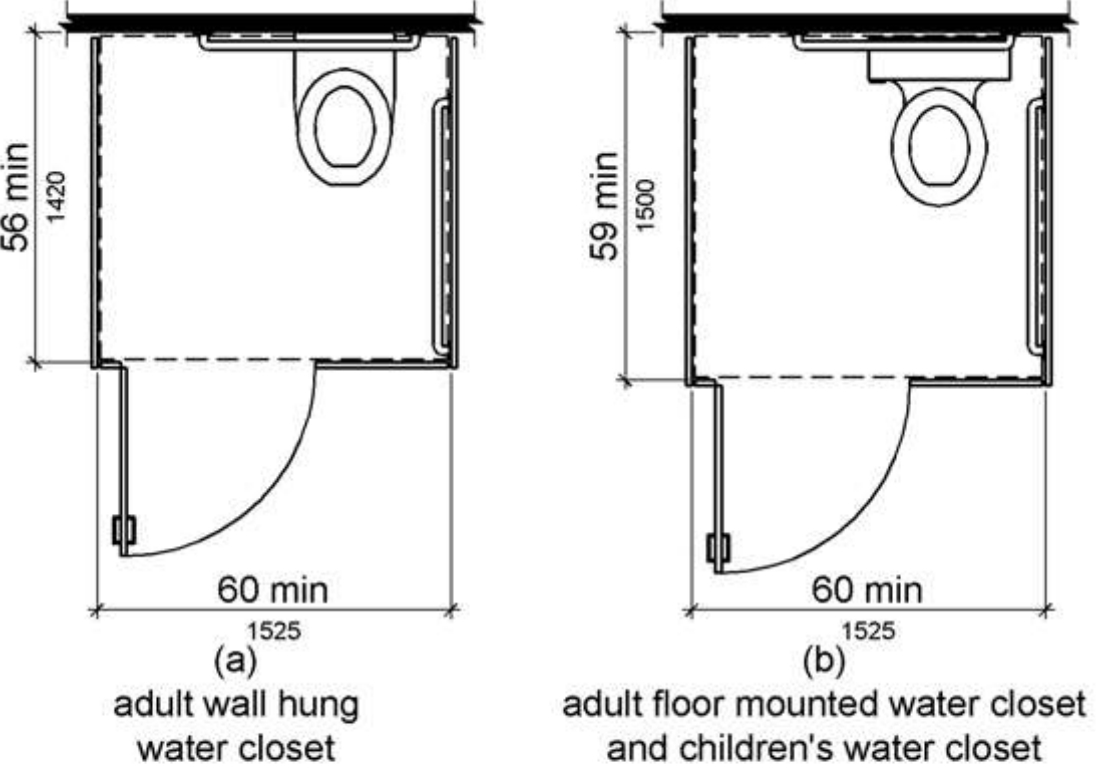


Figure 604.8.1.1 Size of Wheelchair Accessible Toilet Compartment

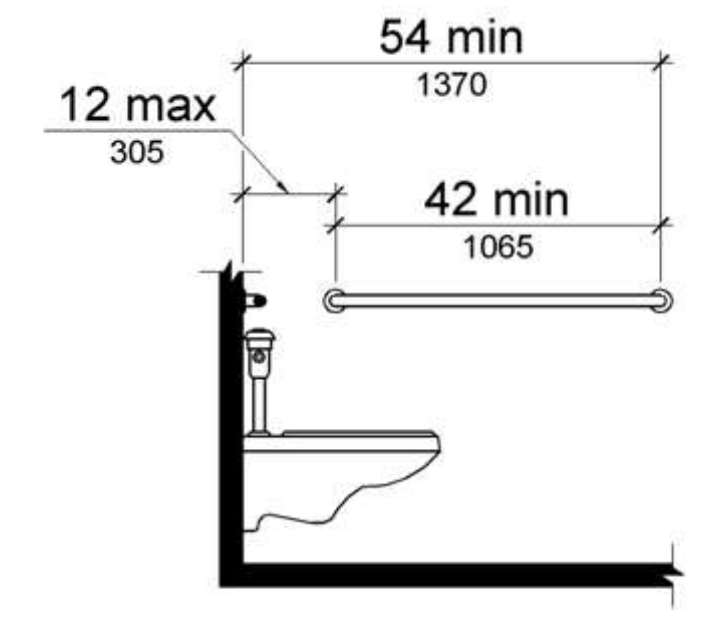


Figure 604.5.1 Side Wall Grab Bar at Water Closets

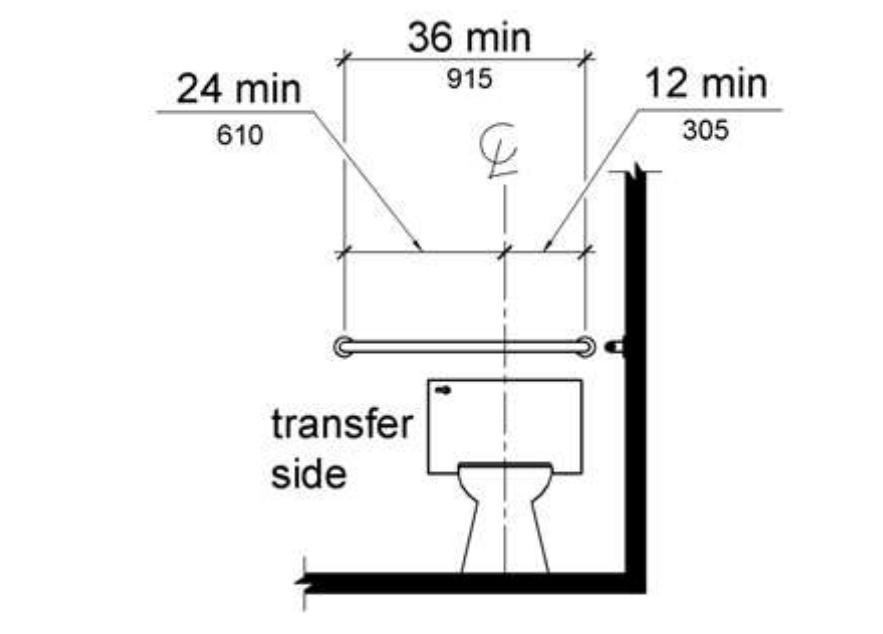


Figure 604.5.2 Rear Wall Grab Bar at Water Closets

3/8/2019 10:22:50 AM  
 SHEET NAME: LIFE SAFETY PLAN SHEET NUMBER: G1-00 PROJECT NAME: PROJECT NAME  
 FILENAME: C:\Users\asandee\Documents\Revit Projects\2017\1816000000 Dawson Senior Center\1816000000 Dawson Senior Center-XAM-JUL-18\1816000000 Dawson Senior Center-XAM-JUL-18.sskander.rvt

## GENERAL BUILDING DATA

NEW CONSTRUCTION

## APPLICABLE CODES

BUILDING: INTERNATIONAL BUILDING CODE, 2012 EDITION WITH GEORGIA (2014) (2015)(2017)BC AMENDMENTS.  
 FIRE: INTERNATIONAL FIRE CODE, 2012 EDITION WITH GEORGIA 2014 IFC AMENDMENTS.  
 MECHANICAL: INTERNATIONAL MECHANICAL CODE, 2012 EDITION WITH GEORGIA (2014)(2015) IMC AMENDMENTS.  
 PLUMBING: INTERNATIONAL PLUMBING CODE, 2012 EDITION WITH GEORGIA (2014)(2015) IPC AMENDMENTS.  
 ELECTRICAL: NATIONAL ELECTRICAL CODE, 2014 EDITION.  
 GAS: INTERNATIONAL FUEL GAS CODE, 2012 EDITION WITH GEORGIA 2014 IFGC AMENDMENTS.  
 ENERGY: INTERNATIONAL ENERGY CONSERVATION CODE, 2009 EDITION WITH GEORGIA 2011 IECC & 2012 IECC SUPPLEMENTS AND AMENDMENTS.  
 ACCESSIBILITY: 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN.

## OCCUPANCY CLASSIFICATIONS-IBC

NON-SEPARATED MIXED USE, WITH BUSINESS AND ASSEMBLY (A-3) OCCUPANCIES

## CONSTRUCTION REQUIREMENTS:

TYPE VB - UNPROTECTED, NON-SPRINKLERED  
 ALLOWABLE AREA: 6,000 SF PLUS FRONTAGE INCREASE OF 2,580 SF (PER IBC 506.2) = 8,580 SF

## BUILDING ELEMENTS FIRE RESISTANCE RATING

BUILDING ELEMENTS	FIRE RESISTANCE RATING
STRUCTURAL FRAMES (INCLUDING COLUMNS, GIRDERS, AND TRUSSES)	0 HR
SUPPORTING ONE FLOOR OR ROOF ONLY	0 HR
SUPPORTING MORE THAN ONE FLOOR	0 HR
FLOOR CONSTRUCTION (INCLUDING SUPPORTING BEAMS AND JOISTS)	0 HR
ROOF CONSTRUCTION (INCLUDING SUPPORTING BEAMS AND JOISTS)	0 HR
SHAFT ENCLOSURES *	0 HR
* NOT LESS THAN THE HOURLY FLOOR RATING THE SHAFT PENETRATES PER IBC	0 HR

## BUILDING AREA & OCCUPANT LOADS

USE GROUP	AREA (S.F.)	S.F. PER OCC.	# OF OCC.
BUSINESS	6,129 GROSS	100	62
ASSEMBLY	2,131 NET	15 NET	143
<b>OVERALL AREA</b>	<b>8,260 GROSS</b>	<b>TOTAL OCC.</b>	<b>205</b>

## MEANS OF EGRESS:

	GROUP B	GROUP A
MAX. TRAVEL DISTANCE	200' - 0"	200' - 0"
MAX. DEAD END CORRIDOR LENGTH	20' - 0"	20' - 0"
MAX. COMMON PATH OF TRAVEL	75' - 0"	75' - 0"
MIN. CORRIDOR WIDTH	44"	
MIN. CLEAR OPENING OF EXIT DOORS	32"	
EGRESS WIDTH PER OCCUPANTS SERVED STAIRS	0.3"	
OTHER EGRESS COMPONENTS:	0.2"	

## SEPARATION REQUIREMENTS:

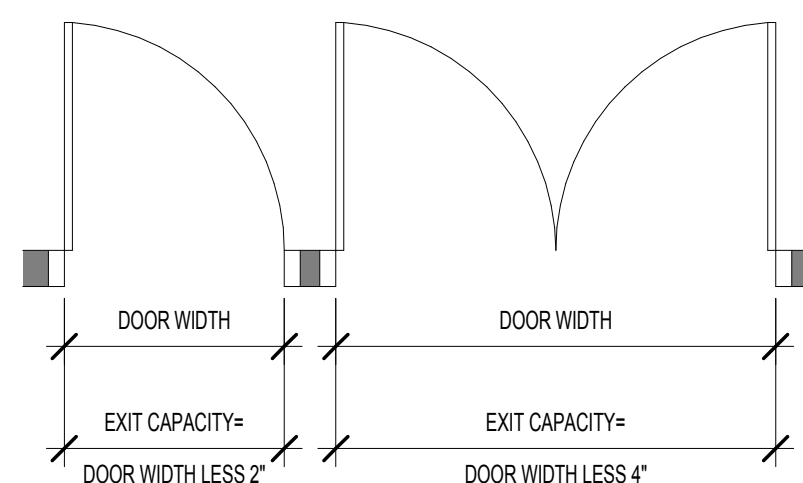
LAUNDRY >100SF: 1 HR SEPARATION - - - - -

## MEANS OF EGRESS LEGEND:

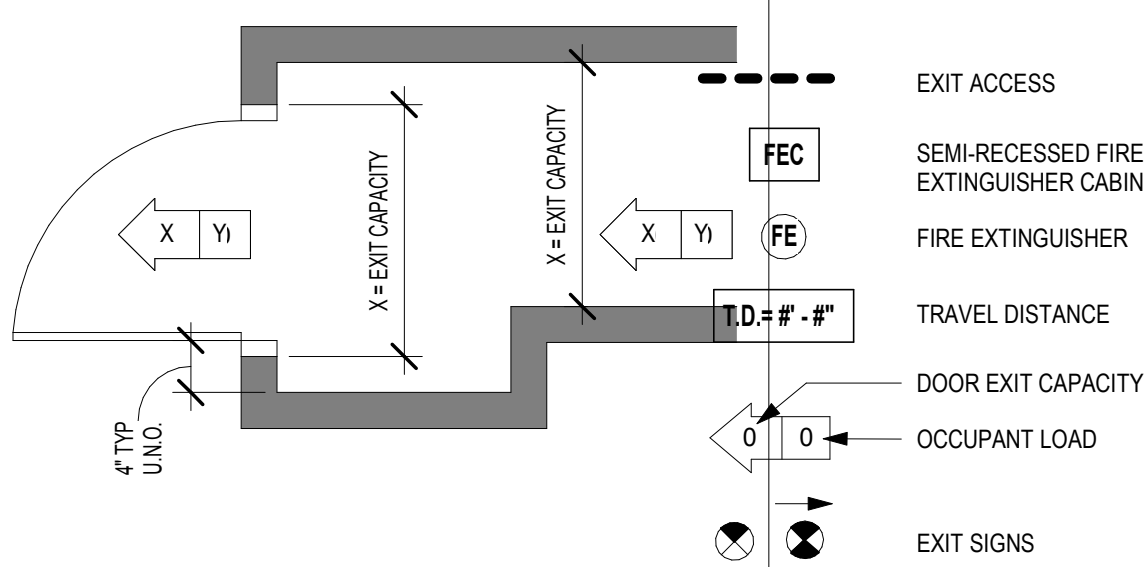
### NOTES:

- THE OCCUPANCY LOAD FACTOR IS DERIVED FROM TABLE 1004.1.2 FROM THE IBC 2012.
- INCHES PER OCCUPANT SERVED FROM SECTION 1005 OF THE IBC 2012.
- MAXIMUM COMMON PATH OF TRAVEL DISTANCE IS 75 FEET IN BOTH BUSINESS AND ASSEMBLY OCCUPANCIES IN A NON-SPRINKLERED BUILDING WITH AN OCCUPANT LOAD OF >30 PER TABLE 1014.3 IN THE IBC 2012.
- MAXIMUM TOTAL TRAVEL DISTANCE IS 200 FEET IN BOTH ASSEMBLY AND BUSINESS OCCUPANCIES PER TABLE 1016.2 IN THE IBC 2012.
- MAXIMUM LENGTH OF DEAD END CORRIDOR IS 20 FEET FOR BOTH ASSEMBLY AND BUSINESS OCCUPANCIES PER IBC 1016.4.

### SWING DOOR CAPACITY:

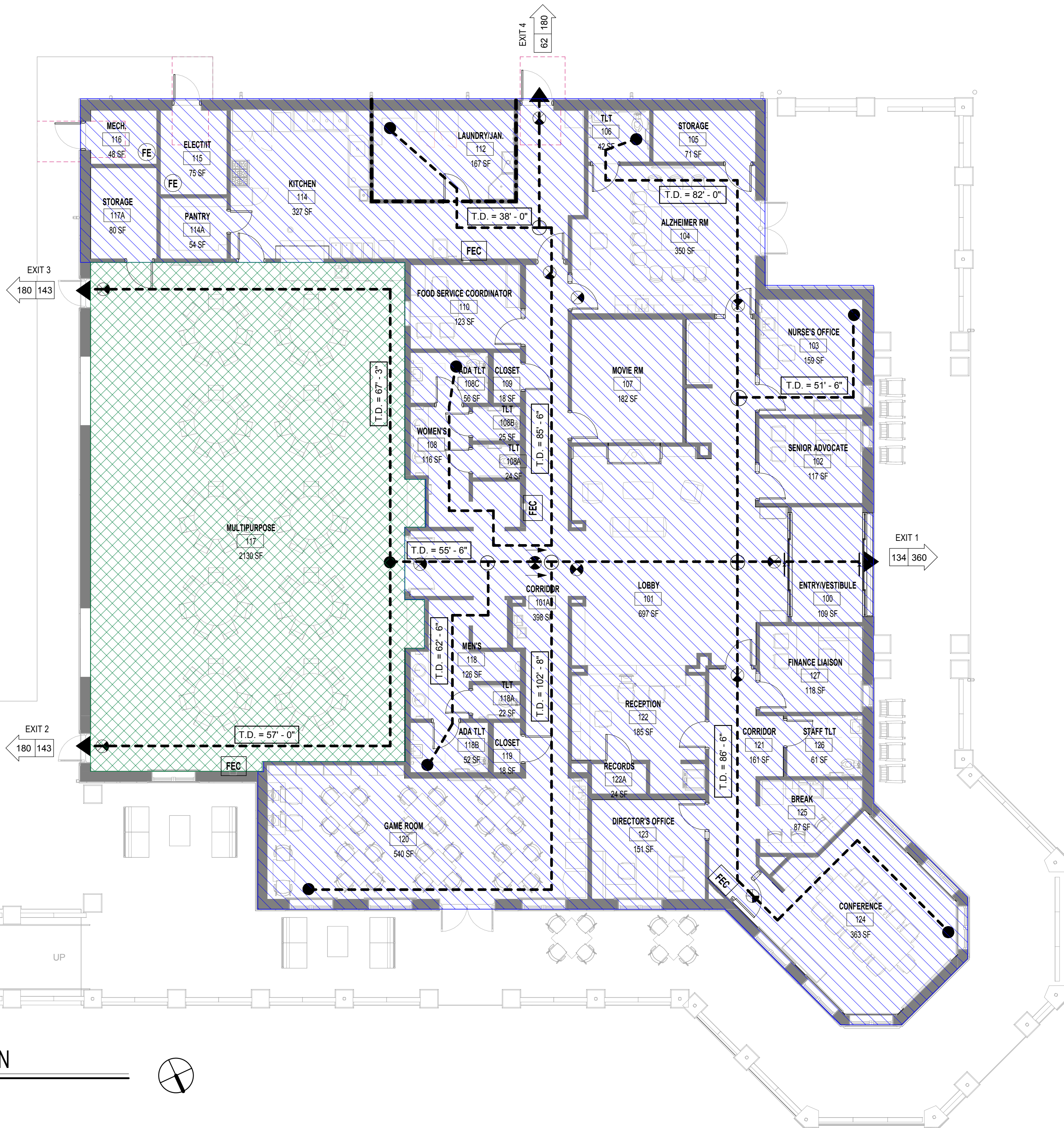


### SYMBOLS AND ABBREVIATIONS:



## 1 LIFE SAFETY PLAN

SCALE: 1/8" = 1'-0"



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**WAKEFIELD BEASLEY & ASSOCIATES**

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DATE February 04, 2019

PROJECT NUMBER 1816000.000

SHEET TITLE

**LIFE SAFETY PLAN**

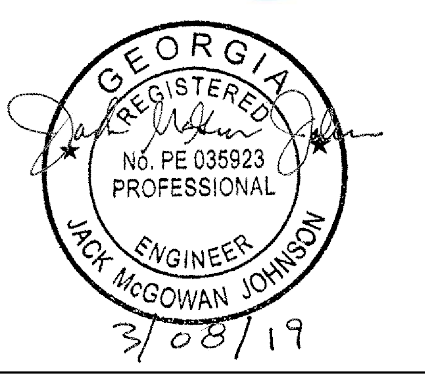
SHEET NUMBER

**G1-00**

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**FORESITE**  
group



## DAWSON COUNTY SENIOR CENTER AND PAVILION

201 RECREATION RD  
DAWSONVILLE, GA 30534

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Print Record  
2019-01-14 SCHEMATIC DESIGN PACKAGE  
2019-02-04 BID PACKAGE  
2019-03-08 GRANT REVIEW DOCUMENTS

Revisions

No.	Date	Description

RELEASED FOR CONSTRUCTION

DATE

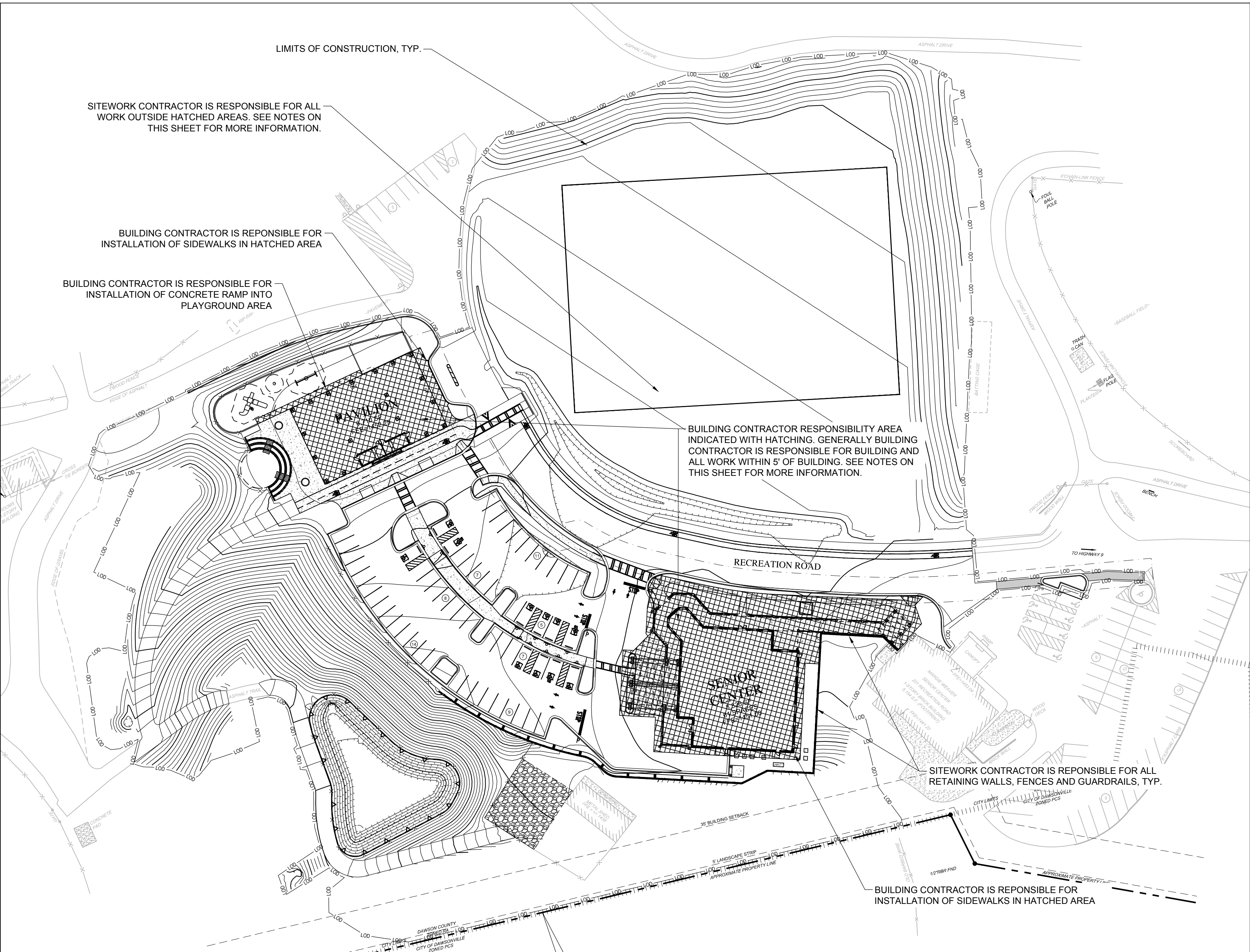
PROJECT NUMBER

SHEET TITLE

**CONSTRUCTION RESPONSIBILITY PLAN**

SHEET NUMBER

**G-2**



### CONTRACTOR RESPONSIBILITY NOTES:

#### SITWORK CONTRACTOR RESPONSIBILITIES:

- 1. ALL DEMOLITION.
- 2. ALL GRADING, EARTHWORK, STORMWATER MANAGEMENT AND DRAINAGE INFRASTRUCTURE INCLUDING ROOF DRAINS STUBBED AT 5' OUTSIDE THE BUILDING ENVELOPE.
- 3. SITEWORK CONTRACTOR IS RESPONSIBLE TO BRING THE BUILDING PADS TO GRADE IN ACCORDANCE WITH THE REPORT OF SUBSURFACE EXPLORATION AND GEOTECHNICAL ENGINEERING PREPARED BY GEOHYDRO ENGINEERS, DATED APRIL 3, 2018.
- 4. ALL UTILITIES STUBBED AT 5' OUTSIDE BUILDING ENVELOPE (INCLUDING UNDERGROUND ROOF DRAINAGE LINES). SITE WORK CONTRACTOR IS RESPONSIBLE FOR ALL COSTS AND COORDINATION WITH UTILITY PROVIDERS FOR INSTALLATION OF SERVICES, RELOCATION AND/OR MODIFICATION OF SERVICES.
- 5. SITEWORK CONTRACTOR IS RESPONSIBLE FOR TRANSFORMER PAD, BUILDING CONTRACTOR RESPONSIBLE FOR ALL OTHER BUILDING UTILITY EQUIPMENT PADS, SEE NOTES BELOW.
- 6. ALL RETAINING WALLS, FENCES AND GUARDRAILS (SEE BUILDING STRUCTURAL PLANS FOR FENCE CONNECTION DETAIL TO TOP OF RETAINING WALL).
- 7. ALL PLAYGROUND INFRASTRUCTURE UNLESS OTHERWISE NOTED HERE ON.
- 8. ALL AMPHITHEATER INFRASTRUCTURE.
- 9. ALL CURB AND GUTTER.
- 10. ALL CONCRETE SIDEWALK, UNLESS OTHERWISE NOTED IN THE RESPONSIBILITY EXHIBIT.
- 11. ALL ROADWAY, TRAIL, AND PARKING LOT ASPHALT PAVING TO THE BINDER COURSE OF ASPHALT. THE BUILDING CONTRACTOR WILL BE RESPONSIBLE TO INSTALL THE FINISH COURSE OF ASPHALT AT THE COMPLETION OF CONSTRUCTION.
- 12. ALL LANDSCAPING AND IRRIGATION.
- 13. ALL PAVEMENT STRIPING AND SIGNAGE.
- 14. REPLACEMENT OF ANY IMPROVEMENTS INSTALLED BY THE BUILDING CONTRACTOR THAT ARE DAMAGED BY SITEWORK CONTRACTOR DURING CONSTRUCTION.
- 15. ALL OTHER SITEWORK INDICATED IN THE PLANS AND SPECIFICATIONS NOT COVERED BY THE BUILDING CONTRACTOR.

#### BUILDING CONTRACTOR RESPONSIBILITIES:

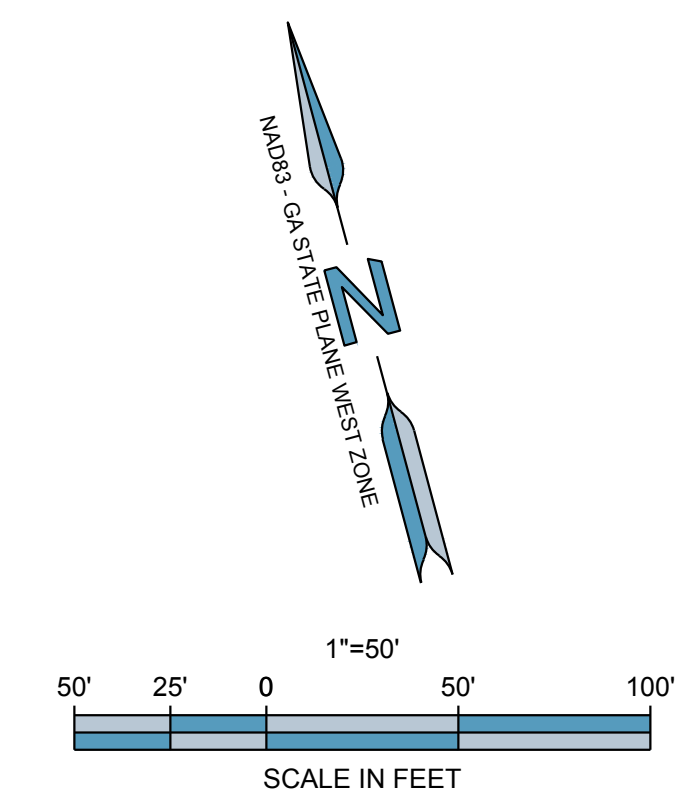
- 1. COMPLETE BUILDING PER BUILDING PLANS.
- 2. UTILITY CONNECTIONS TO BUILDING.
- 3. HVAC AND OTHER EQUIPMENT PADS EXCEPT TRANSFORMER PAD. SEE NOTES ABOVE.
- 4. DOWNSPOUT CONNECTIONS TO UNDERGROUND ROOF DRAINAGE LINES.
- 5. CONCRETE PAVEMENT IN PORTE COCHERE AREA.
- 6. PORTIONS OF CONCRETE SIDEWALK INDICATED IN THE RESPONSIBILITY EXHIBIT.
- 7. INSTALLATION THE FINISH COURSE OF ASPHALT AT THE COMPLETION OF CONSTRUCTION.
- 8. REPLACEMENT OF ANY SIDEWALK, CURBS OR OTHER IMPROVEMENTS INSTALLED BY THE SITEWORK CONTRACTOR THAT ARE DAMAGED BY BUILDING CONTRACTOR DURING CONSTRUCTION.

SHEET NAME:

FILENAME: F:\121 029 Dawson Senior Center - Dawson County, GA\DWIG-2 Responsibility Plan.dwg



Know what's below.  
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DESIGNING ARCHITECT



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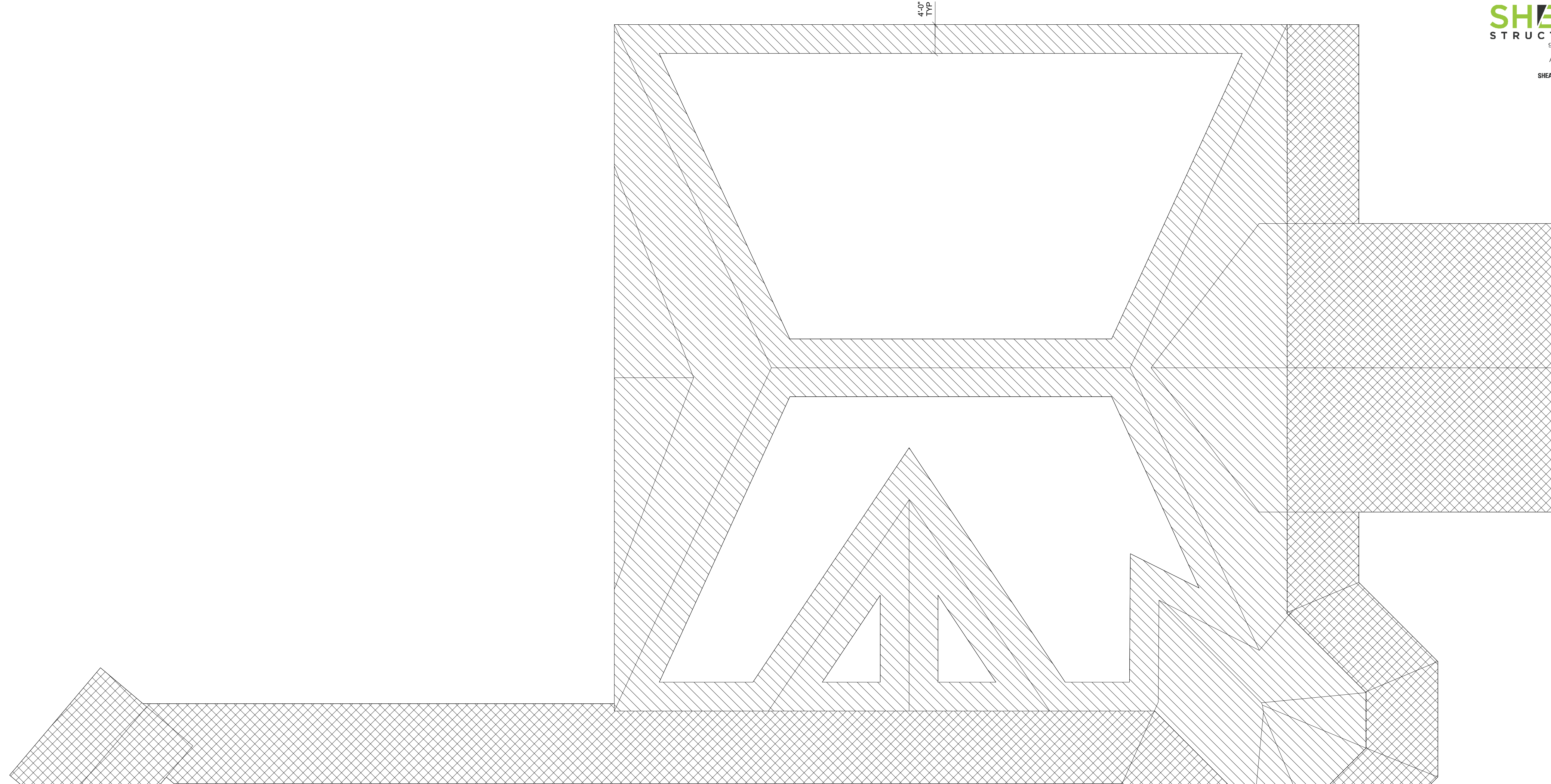
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ROOF PLAN COMPONENTS AND CLADDING ULTIMATE  
WIND PRESSURE DIAGRAM

- = -20 PSF/+16 PSF
- = -31 PSF/+16 PSF
- OVERHANG
- = -44 PSF

NOTE: WIND PRESSURE BASED ON 50 SQUARE FOOT AREA.  
NEGATIVE INDICATES PRESSURE AWAY FROM SURFACE.



WALL ELEVATION COMPONENTS AND CLADDING ULTIMATE  
WIND PRESSURE DIAGRAM

- = -23 PSF/+21 PSF
- = -27 PSF/+21 PSF

NOTE: WIND PRESSURE BASED ON 50 SQUARE FOOT AREA.  
NEGATIVE INDICATES PRESSURE AWAY FROM SURFACE.

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**Print Record**

2018-06-01 DESIGN DEVELOPMENT	100%
2018-06-18 CD PROGRESS PRINT	90%
2019-02-04 CONSTRUCTION DOCUMENTS	100%

**Revisions**

No.	Date	Description

RELEASED FOR CONSTRUCTION

DATE July 02, 2018  
PROJECT NUMBER 1816000.000

SHEET TITLE  
**COMPONENTS AND CLADDING**

SHEET NUMBER  
**S0-02**

2/8/2019 11:50:29 AM

SHEET NAME: SITE RETAINING WALL PLAN, SHEET NUMBERS: S1-00, PROJECT NAME: PROJECT NAME

FILENAME: C:\Users\User1\Documents\1816000000\_Dawson Senior Center, Stud. info@shearstructural.com.nv



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Print Record  
2018-06-01 DESIGN DEVELOPMENT 100%  
2018-06-18 CD PROGRESS PRINT 90%  
2019-02-04 CONSTRUCTION DOCUMENTS 100%

Revisions

No.	Date	Description

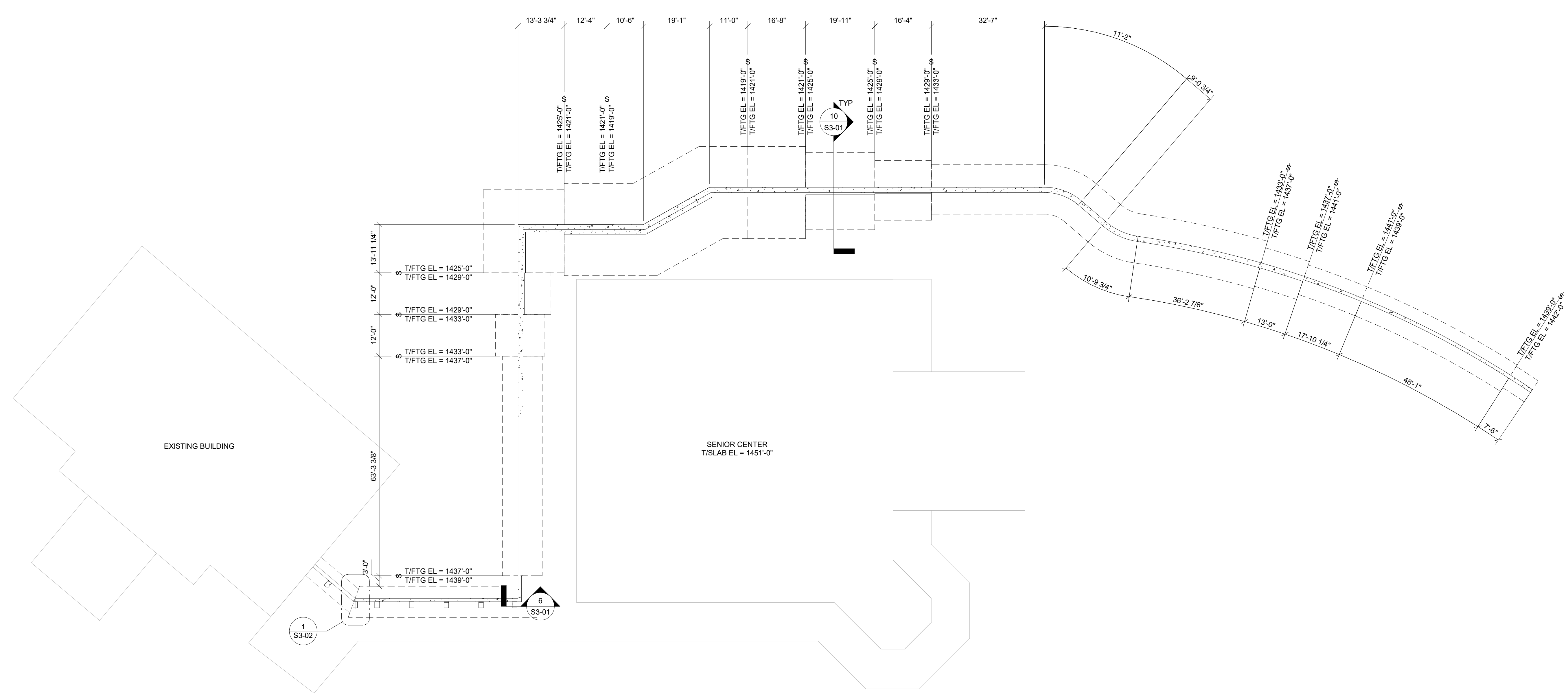
RELEASED FOR CONSTRUCTION

DATE July 02, 2018

PROJECT NUMBER 1816000.000

SHEET TITLE  
**SITE RETAINING  
WALL PLAN**

SHEET NUMBER  
**S1-00**



**1**  
SITE RETAINING WALL PLAN  
1/16" = 1'-0"

- NOTES:  
1. SEE S0-01 FOR GENERAL NOTES.  
2. SEE ARCH AND CIVIL FOR ADDITIONAL INFORMATION AND DIMENSIONS.  
3. CONTRACTOR TO FIELD VERIFY ALL EXISTING SITE CONDITIONS.  
4. ——— INDICATES STEPPED FOOTING, SEE 5/S3-01.



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2018-06-18	CD PROGRESS PRINT	90%
2019-02-04	CONSTRUCTION DOCUMENTS	100%

**Revisions**

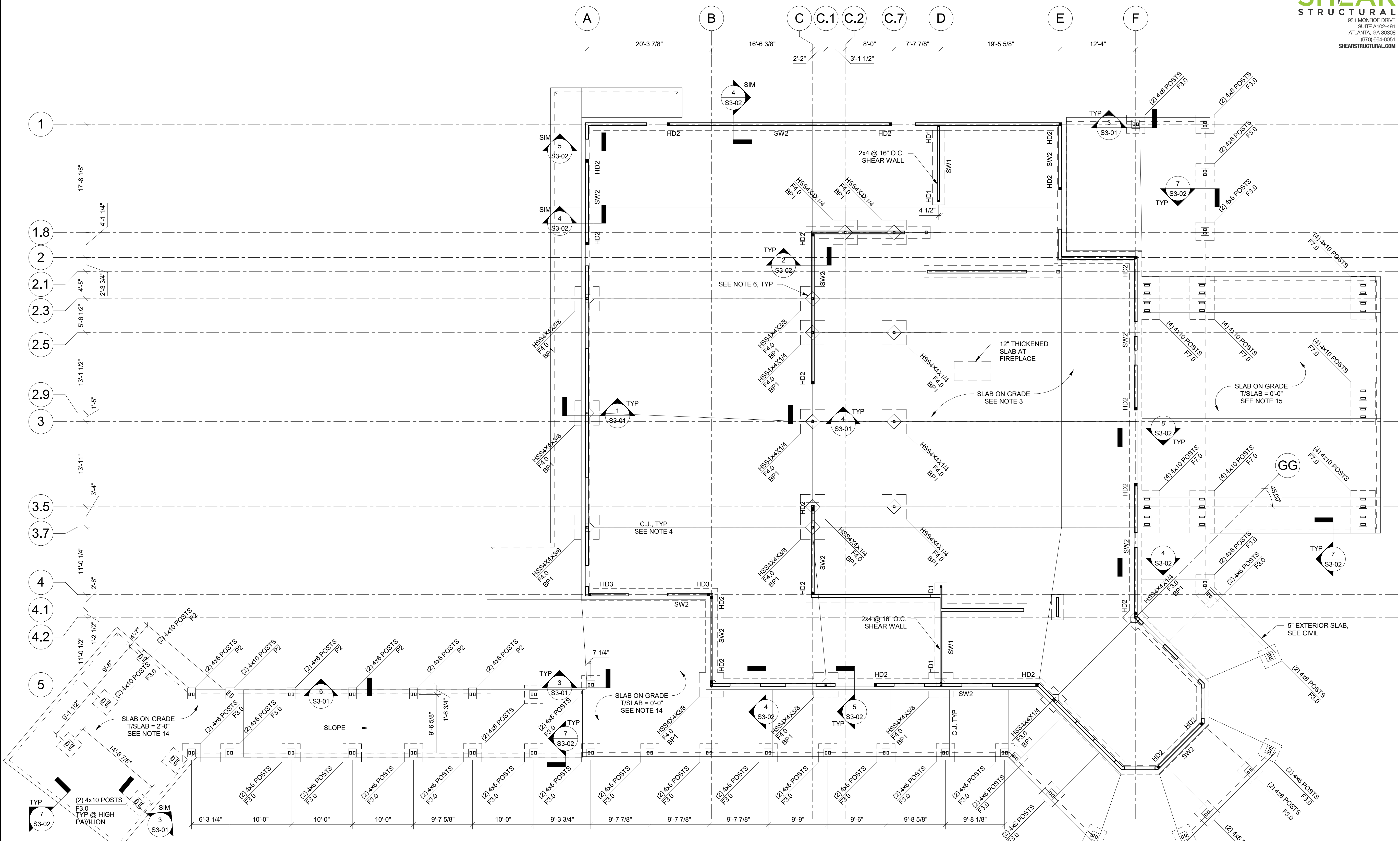
No.	Date	Description

RELEASED FOR CONSTRUCTION

DATE July 02, 2018  
PROJECT NUMBER 1816000.000

SHEET TITLE  
**FOUNDATION PLAN**

SHEET NUMBER  
**S1-10**



**1 FOUNDATION PLAN**  
S1-10  
1/8" = 1'-0"

NOTES:  
1. SEE S0-01 FOR GENERAL NOTES.  
2. SEE ARCH FOR ADDITIONAL INFORMATION AND DIMENSIONS.  
3. T/SLAB REFERENCE EL = 0'-0". PROVIDE 4" SLAB ON GRADE REINFORCED WITH WWF 6x6 W2.1xW2.1 ON VAPOR BARRIER AND 4" GRANULAR BASE.  
4. C.J. INDICATES SLAB CONTROL JOINT. SEE 3/S3-02 AND GENERAL NOTES FOR ADDITIONAL INFORMATION.  
5. PROVIDE REINFORCEMENT AT RE-ENTRANT CORNERS. SEE 6/S3-02.  
6. PROVIDE ISOLATION JOINTS AT STEEL COLUMNS. SEE DETAIL 9/S3-02.  
7. ALL WALLS SHOWN ARE LOAD BEARING WALLS. PROVIDE 2x6 @ 16" O.C. FOR ALL EXTERIOR AND TRUSS BEARING WALLS, UNO.  
8. SW INDICATES SHEAR WALL. SEE 2/S6-01.  
9. SWFx INDICATES SHEAR WALL FOOTING SIZE. SEE 4/S3-02.  
10. CONTRACTOR SHALL BE RESPONSIBLE FOR COORDINATING LOCATION OF ALL UTILITY AND PLUMBING LINES, SEE 10/S3-02.  
11. HD INDICATES HOLD DOWN. SEE 11/S3-02.  
12. HDx INDICATES STEEL COLUMN BASE PLATE. SEE 1/S5-01.  
13. Fx INDICATES FOOTING SIZE. SEE 2/S3-01.  
14. Px INDICATES PILASTER SIZE. SEE 6/S3-01.  
15. PROVIDE 4" SLAB ON GRADE REINFORCED WITH WWF 6x6 W2.1xW2.1 ON 4" GRANULAR BASE AT EXTERIOR SLABS TYPICAL UNO.  
16. PROVIDE 5" SLAB ON GRADE REINFORCED WITH WWF 6x6 W2.9xW2.9 ON 4" GRANULAR BASE AT PORTE COCHERE.



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 2018-06-18 CD PROGRESS PRINT 90%  
 2019-02-04 CONSTRUCTION DOCUMENTS 100%

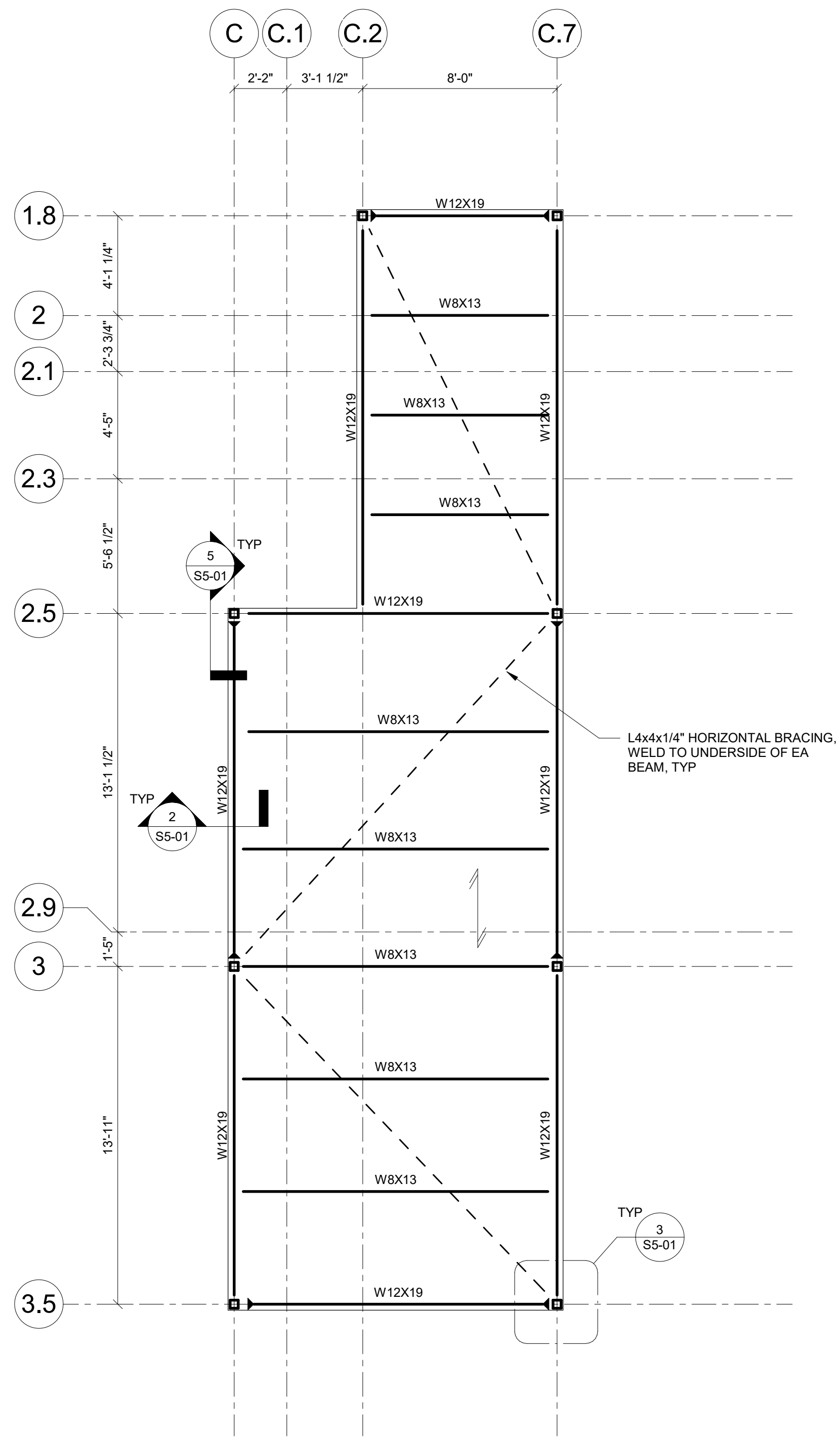
Revisions		
No.	Date	Description

RELEASED FOR CONSTRUCTION

DATE July 02, 2018  
 PROJECT NUMBER 1816000.000

SHEET TITLE  
**ENLARGED MECH PLATFORM FRAMING PLAN**

SHEET NUMBER  
**S1-11**



**1 ENLARGED MECH PLATFORM FRAMING PLAN**  
 1/4" = 1'-0"  
 NOTES:  
 1. SEE S0-01 FOR GENERAL NOTES.  
 2. SEE ARCH FOR ADDITIONAL INFORMATION AND DIMENSIONS.  
 3. —> INDICATES DIRECTIONAL SPAN OF STEEL BAR GRATING. SEE GENERAL NOTES. PLATFORM DECK BEARING ELEVATION = 10'-10", UNO.  
 4. ► INDICATES MOMENT CONNECTION, SEE 5/S5-01.  
 5. COORDINATE LOCATION OF MECHANICAL EQUIPMENT WITH MECH DRAWINGS.

2/8/2019 11:50:32 AM

SHEET NAME: ROOF FRAMING PLAN SHEET NUMBER: S1-70 PROJECT NAME: PROJECT NAME

FILENAME: C:\Users\User1\Documents\1816000000 Dawson Senior Center\_Steel\_in\@shearstructural.com.rvt



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2019-02-04	CONSTRUCTION DOCUMENTS	100%

**Revisions**

No.	Date	Description

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DATE July 02, 2018

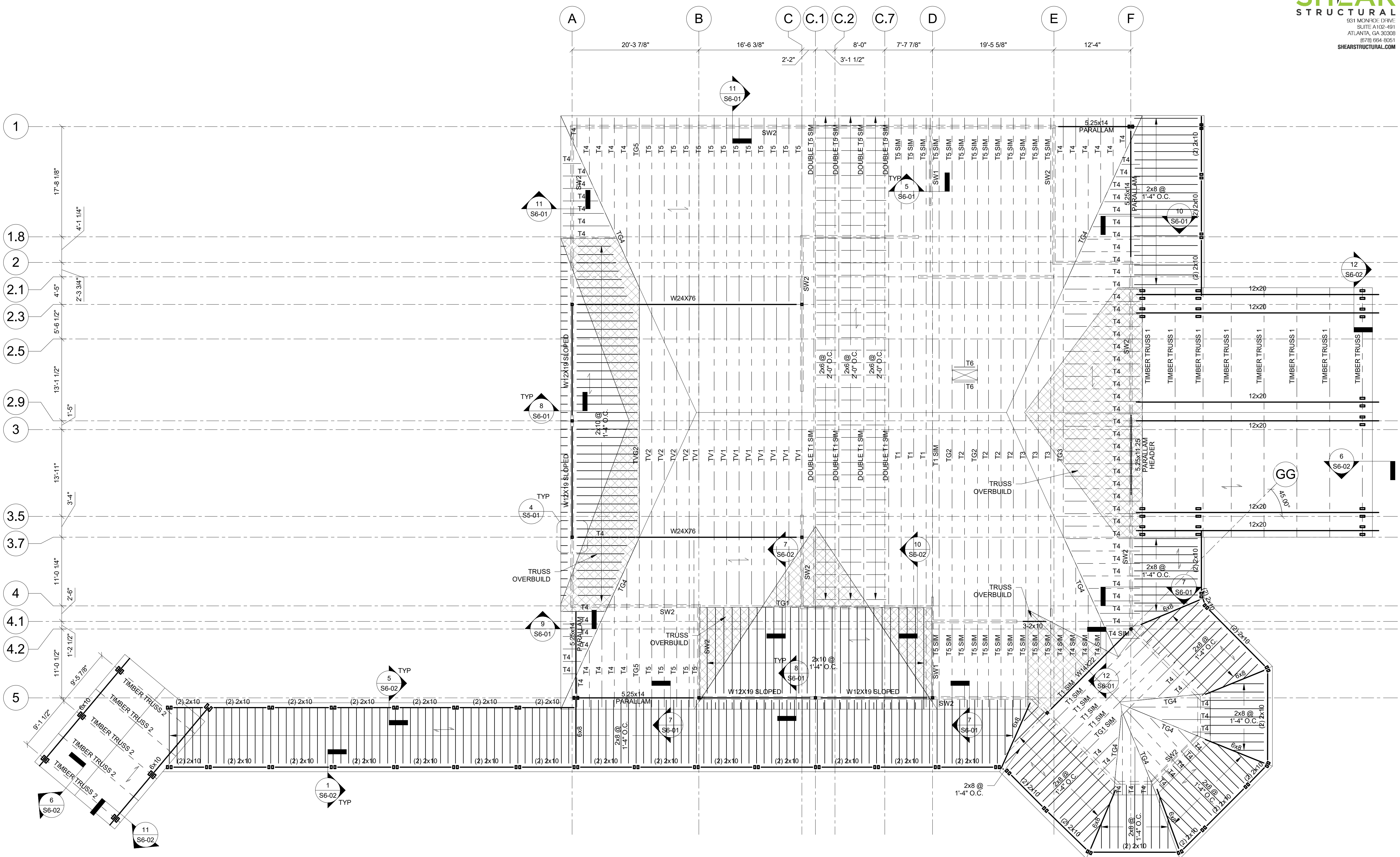
PROJECT NUMBER 1816000.000

SHEET TITLE

**ROOF FRAMING PLAN**

SHEET NUMBER

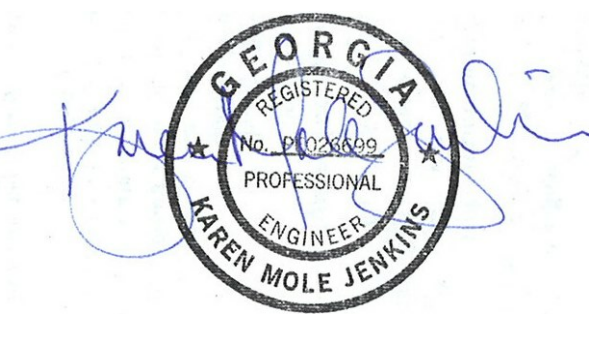
**S1-70**



**1** ROOF FRAMING PLAN  
1/8" = 1'-0"

NOTES:  
1. SEE S0-01 FOR GENERAL NOTES.  
2. SEE ARCH FOR ADDITIONAL INFORMATION AND DIMENSIONS.  
3. ——— INDICATES DIRECTIONAL SPAN OF PLYWOOD ROOF SHEATHING. SEE GENERAL NOTES AND 3/S6-01.  
4. ——— INDICATES DIRECTIONAL SPAN OF 2x6 TONGUE AND GROOVE WOOD DECKING. SEE 6/S6-01 AND GENERAL NOTES.  
5. Tx INDICATES PRE-ENGINEERED WOOD TRUSS SPACED AT 2'-0" O.C. MAX. SEE GENERAL NOTES, S6-03, AND S6-04 FOR TRUSS PROFILES. TRUSS BEARING EL = 12'-0" UNO.  
6. SW INDICATES SHEAR WALL. SEE 2/S6-01.  
7. LOCATE DOUBLE 2x STUD PACK AT ALL WOOD BEAM BEARING LOCATIONS.  
8. PROVIDE HEADERS AT OPENINGS IN WALL. SEE 1/S6-01.

2/8/2019 11:50:33 AM SHEET NAME: FOUNDATION DETAILS SHEET NUMBER: S3-01 PROJECT NAME: PROJECT NAME FILENAME: C:\Users\User1\Documents\1816000000\_Dawson\_Senior\_Center\_Struct\_in\1816000000.dwg



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2018-06-01 DESIGN DEVELOPMENT 100%  
2018-06-18 CD PROGRESS PRINT 90%  
2019-02-04 CONSTRUCTION DOCUMENTS 100%

Revisions

No.	Date	Description

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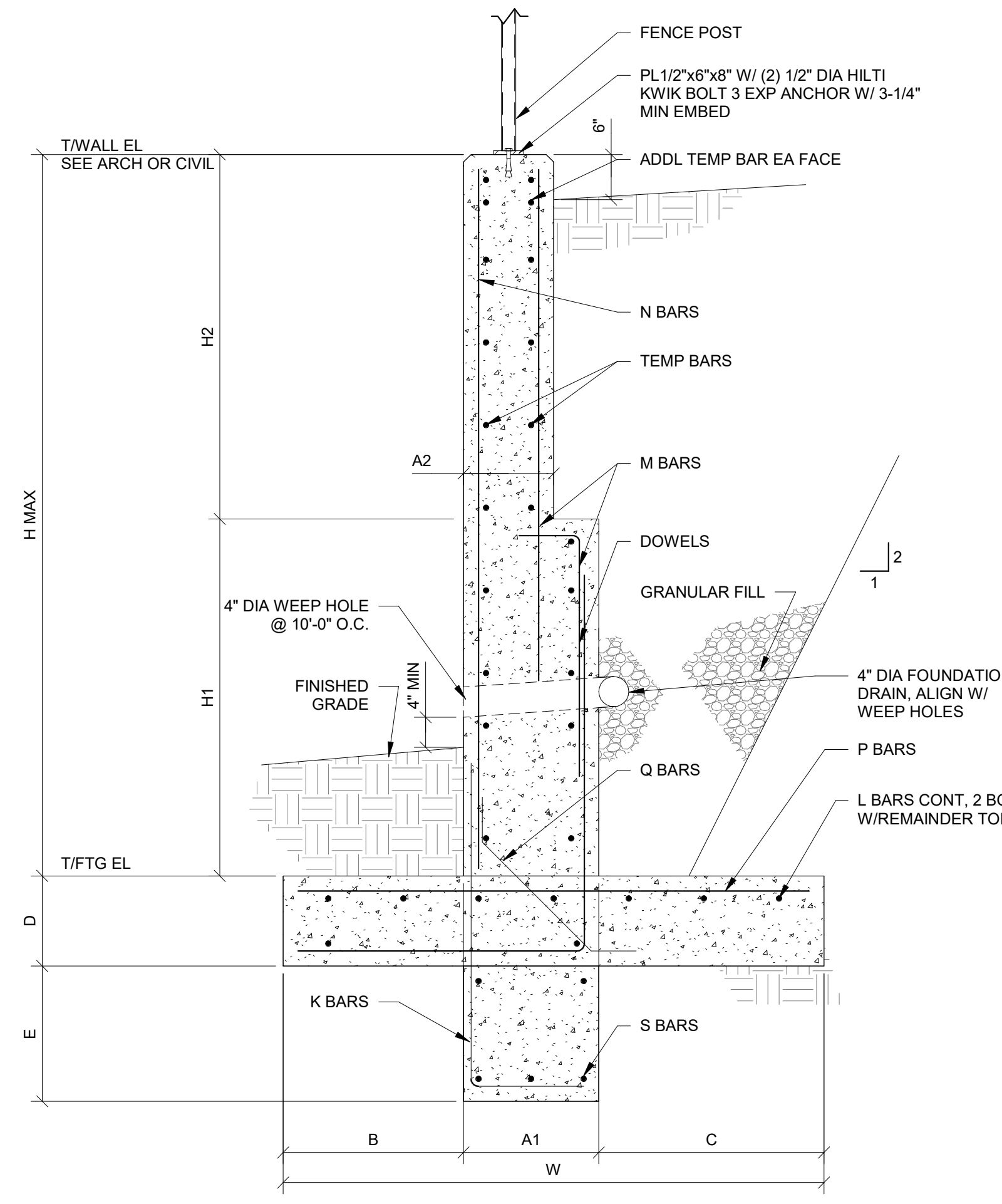
DATE July 02, 2018  
PROJECT NUMBER 1816000.000

SHEET TITLE  
**FOUNDATION  
DETAILS**

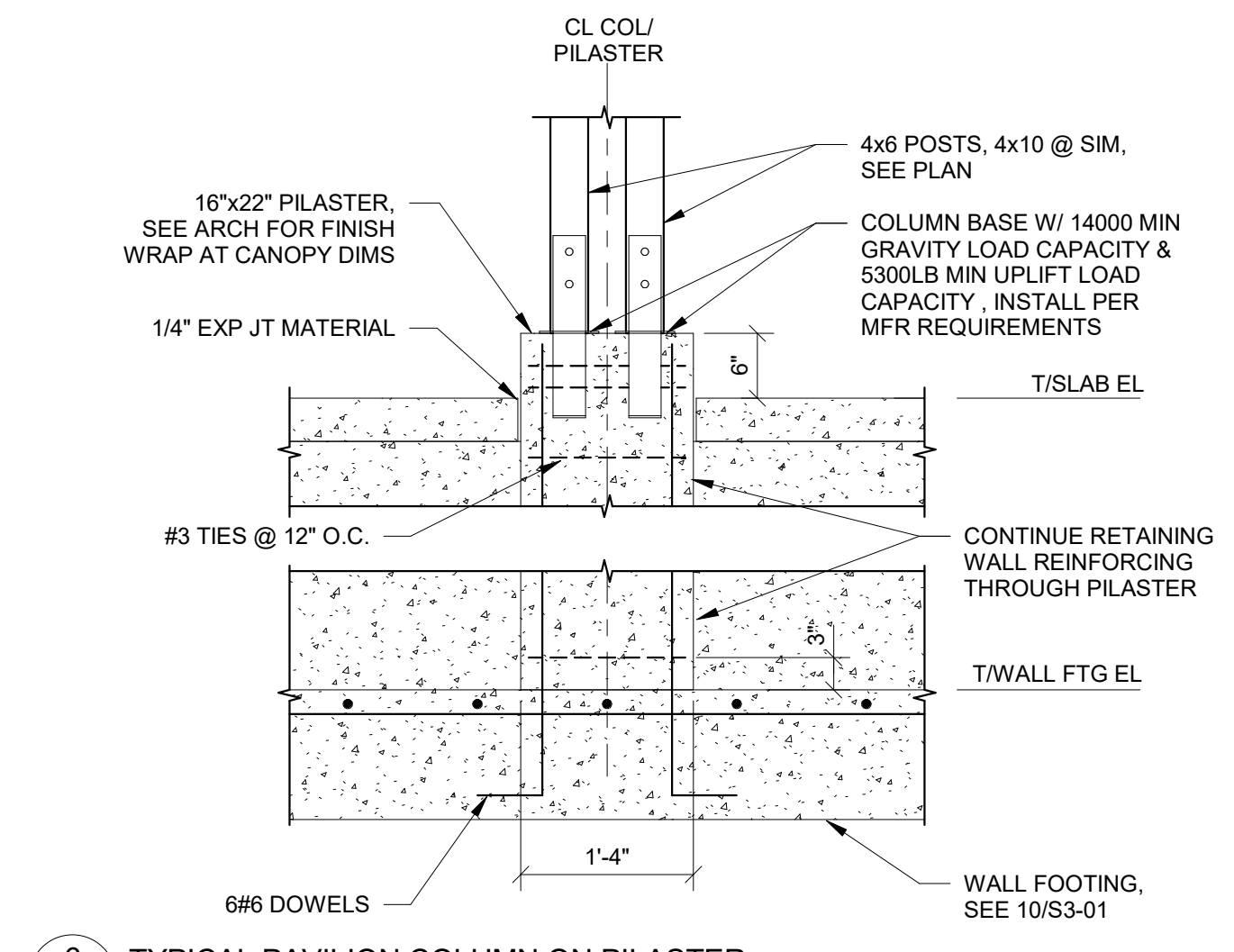
SHEET NUMBER  
**S3-01**

WALL REINFORCING SCHEDULE																		
MAX HEIGHT	WALL		BASE							REINFORCING BARS								
	H1	H2	W	A1	A2	B	C	D	E	DOWELS	M	N	TEMP	P	Q	K	L	S
32'-0"	15'-0"	17'-0"	26'-6"	34"	18"	11'-9"	11'-11"	36"	3'-6"	#10@4	#10@4	#6@12	@6@12	#10@9	#8@12	#8@12	26#8	9#5
28'-0"	11'-0"	17'-0"	22'-3"	26"	18"	10'-0"	10'-1"	30"	3'-0"	#10@4	#10@4	#6@12	@6@12	#10@9	#8@12	#8@12	20#8	6#5
24'-0"	7'-0"	17'-0"	17'-3"	22"	18"	7'-9"	7'-8"	24"	3'-0"	#9@6	#9@6	#6@12	@6@12	#10@12	#7@12	#7@12	15#7	5#5
20'-0"	-	-	14'-3"	18"	-	6'-6"	6'-3"	24"	2'-6"	#9@6	#9@6	#6@12	@6@12	#9@12	#7@12	#7@12	13#7	4#5
16'-0"	-	-	11'-6"	18"	-	4'-6"	5'-6"	24"	1'-4"	#9@9	#9@9	#5@12	@5@12	#7@12	#7@12	#7@12	14#6	3#5
12'-0"	-	-	9'-0"	12"	-	3'-6"	4'-6"	24"	-	#9@12	#9@12	#5@12	@5@12	#7@12	-	-	11#6	-
8'-0"	-	-	7'-3"	12"	-	3'-0"	3'-3"	24"	-	#7@12	#7@12	#5@12	@5@12	#6@12	-	-	13#5	-

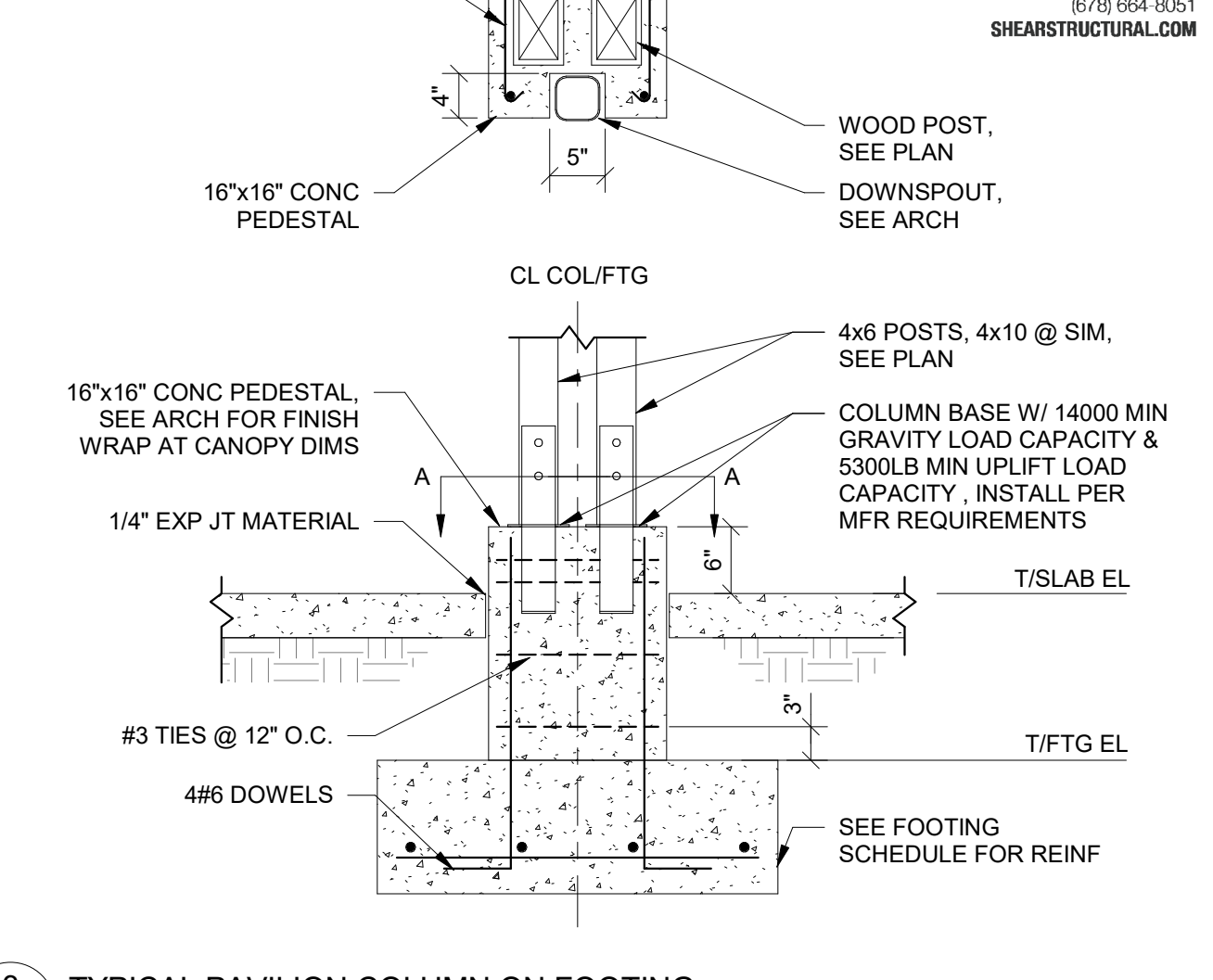
NOTE:  
FOR INFORMATION NOT SHOWN, SEE ARCH AND CIVIL



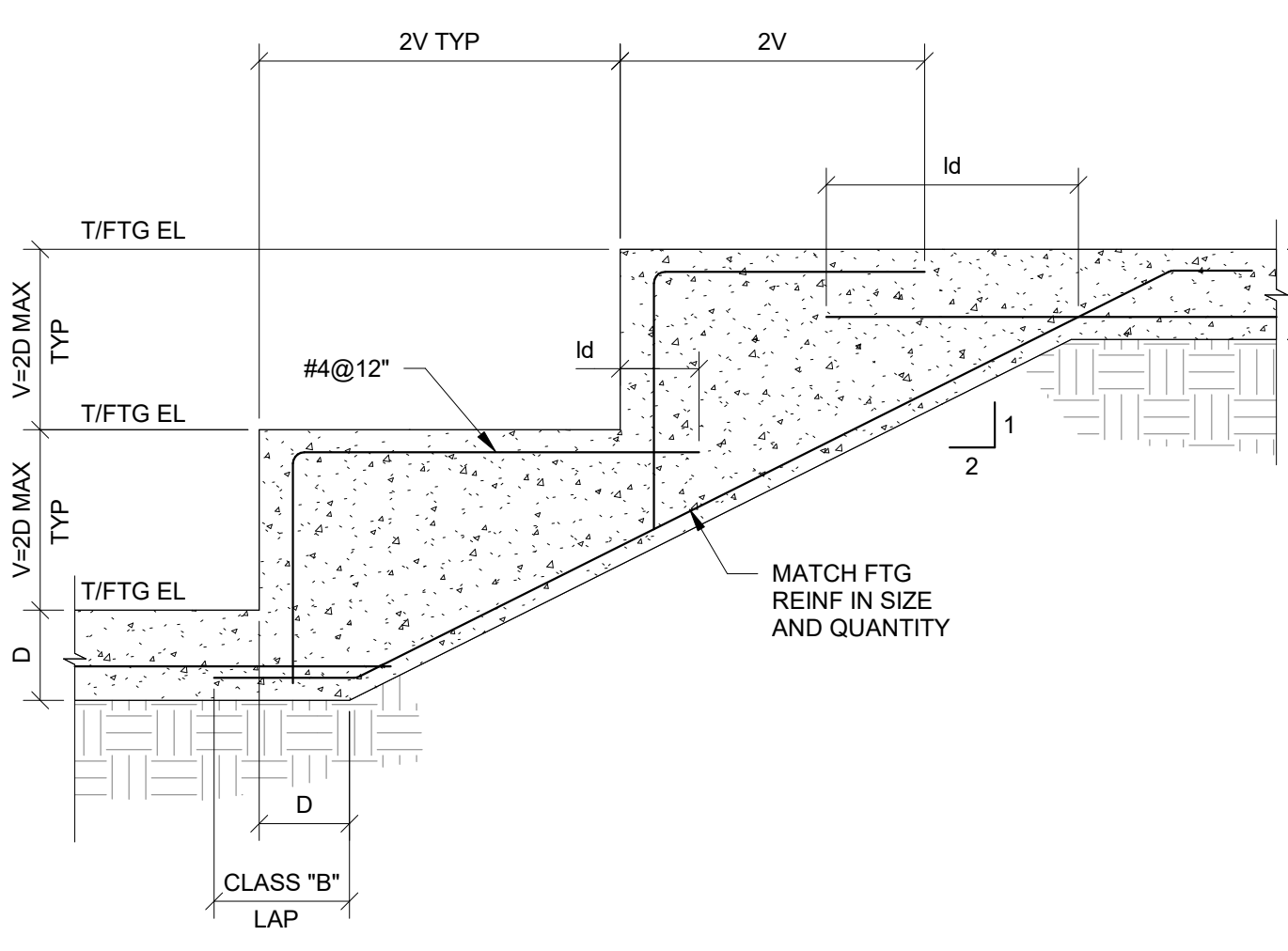
10 TYPICAL RETAINING WALL  
S3-01 3/4" = 1'-0"



6 TYPICAL PAVILION COLUMN ON PILASTER  
S3-01 3/4" = 1'-0"



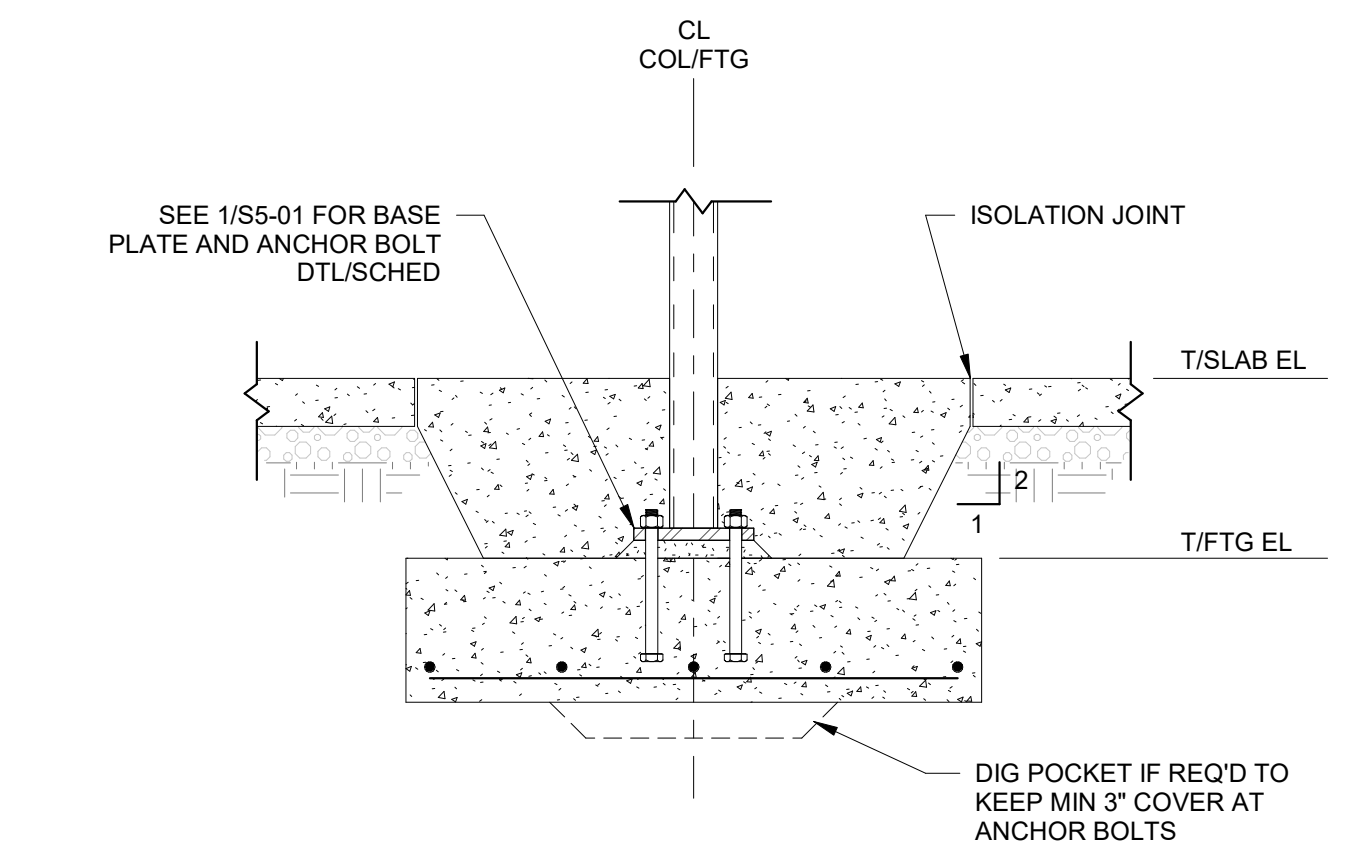
3 TYPICAL PAVILION COLUMN ON FOOTING  
S3-01 3/4" = 1'-0"



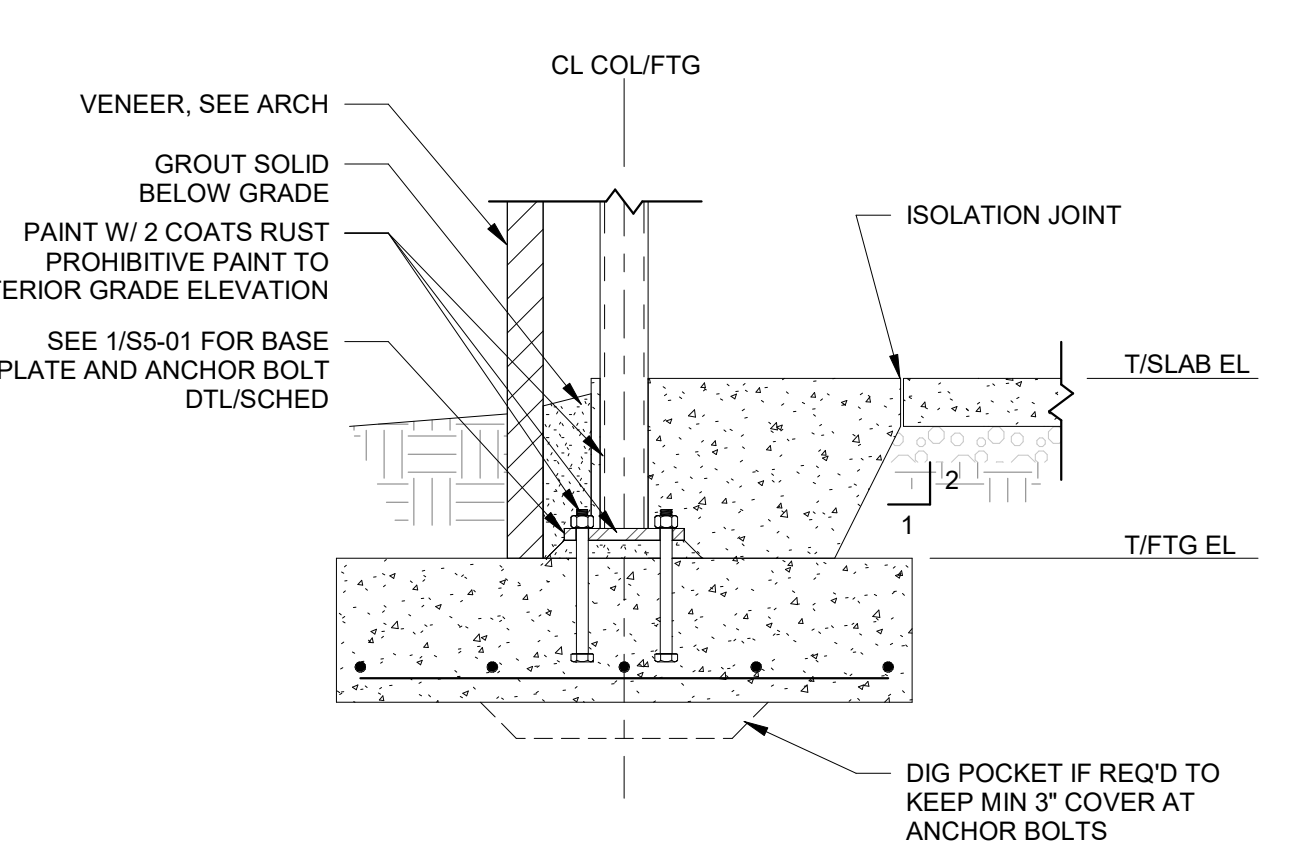
5 TYPICAL STEPPED FOOTING  
S3-01 3/4" = 1'-0"

FOOTING SCHEDULE			
MARK	SIZE (WxLxT)	REINF	REMARKS
F3.0	3'-0"x3'-0"x12"	3#5 EW	BOTTOM
F4.0	4'-0"x4'-0"x12"	4#5 EW	BOTTOM
F7.0	7'-0"x4'-0"x12"	4#5 LONG 7#6 SHORT	BOTTOM

2 FOOTING SCHEDULE  
S3-01 3/4" = 1'-0"



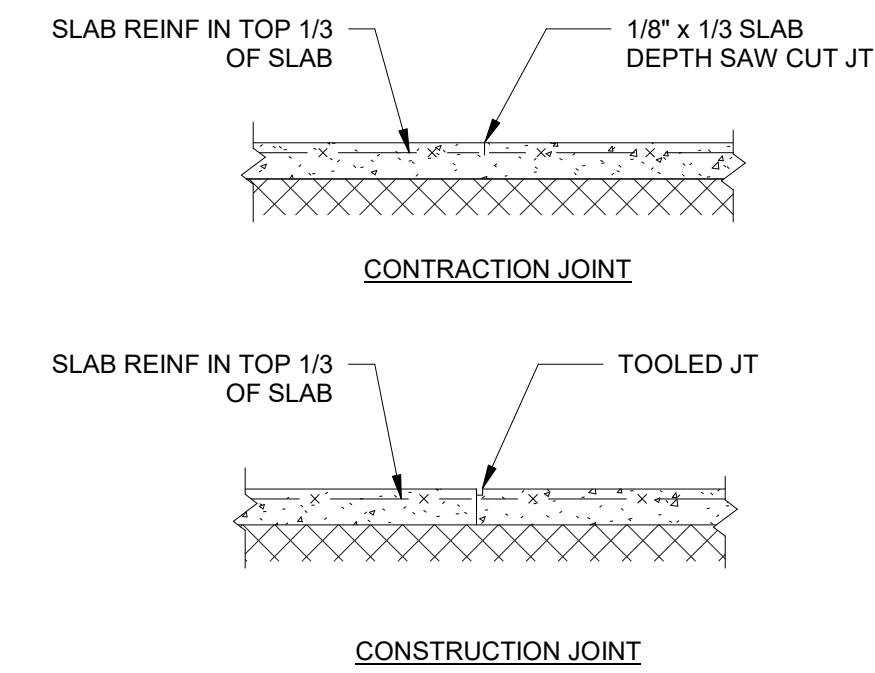
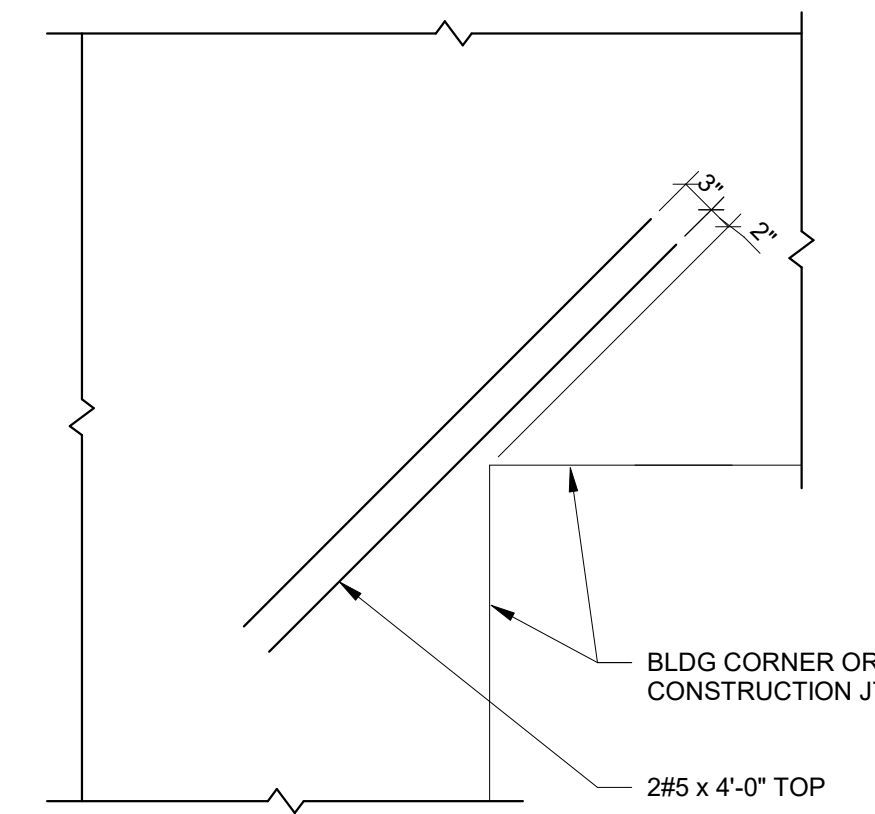
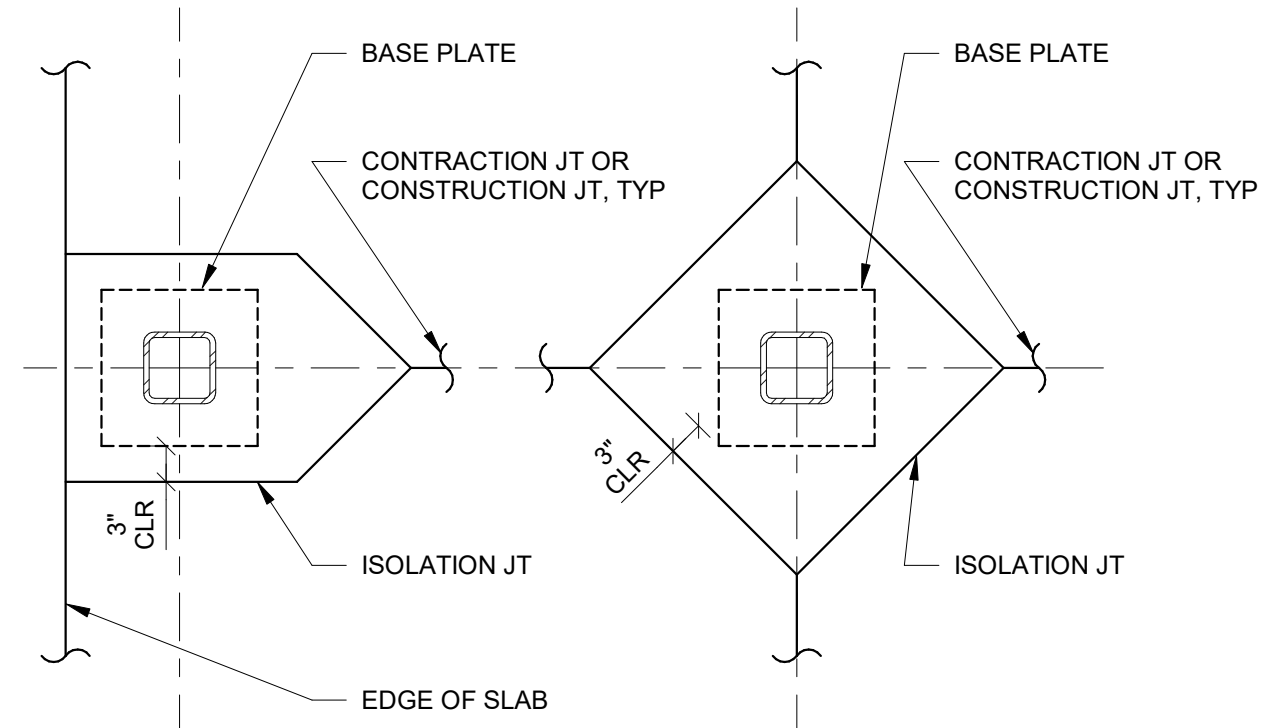
4 TYPICAL INTERIOR STEEL COLUMN FOOTING  
S3-01 3/4" = 1'-0"



1 TYPICAL EXTERIOR STEEL COLUMN FOOTING  
S3-01 3/4" = 1'-0"



HOLD DOWN SCHEDULE				
MARK	TYPE	THRU BOLT DIAMETER	STUD QUANTITY	BASE ANCHOR
HD1	HD3B	(2) 5/8"	(2) 2x4	5/8"x24" BOLT W/ 6675LB TENSION CAPACITY
HD2	HD3B	(2) 5/8"	(2) 2x6	5/8"x24" BOLT W/ 6675LB TENSION CAPACITY
HD3	HD5B	(2) 5/8"	(2) 2x6	5/8"x24" BOLT W/ 6675LB TENSION CAPACITY

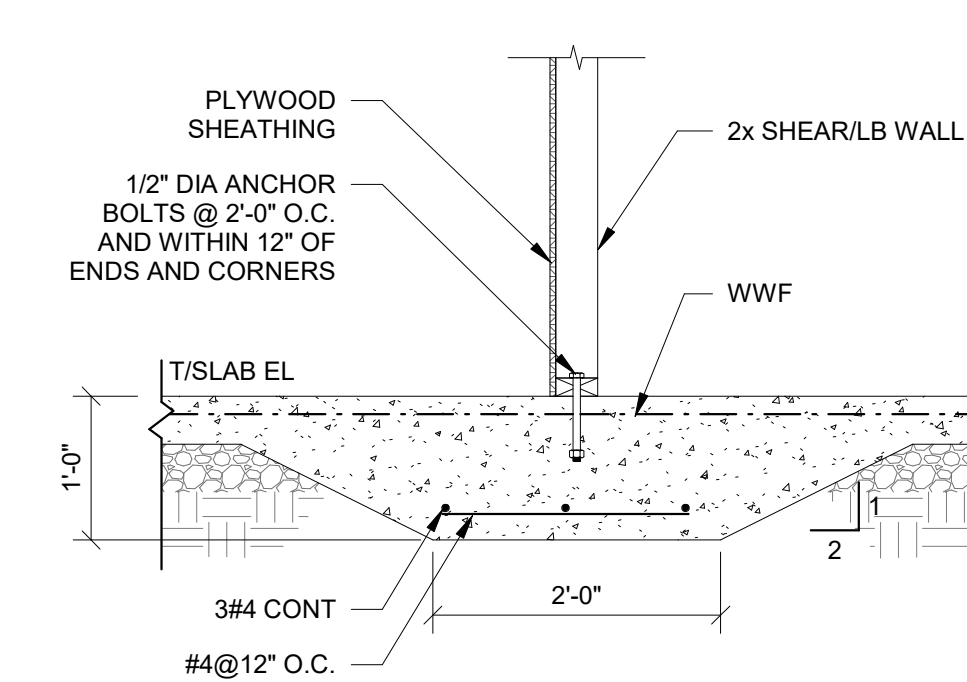
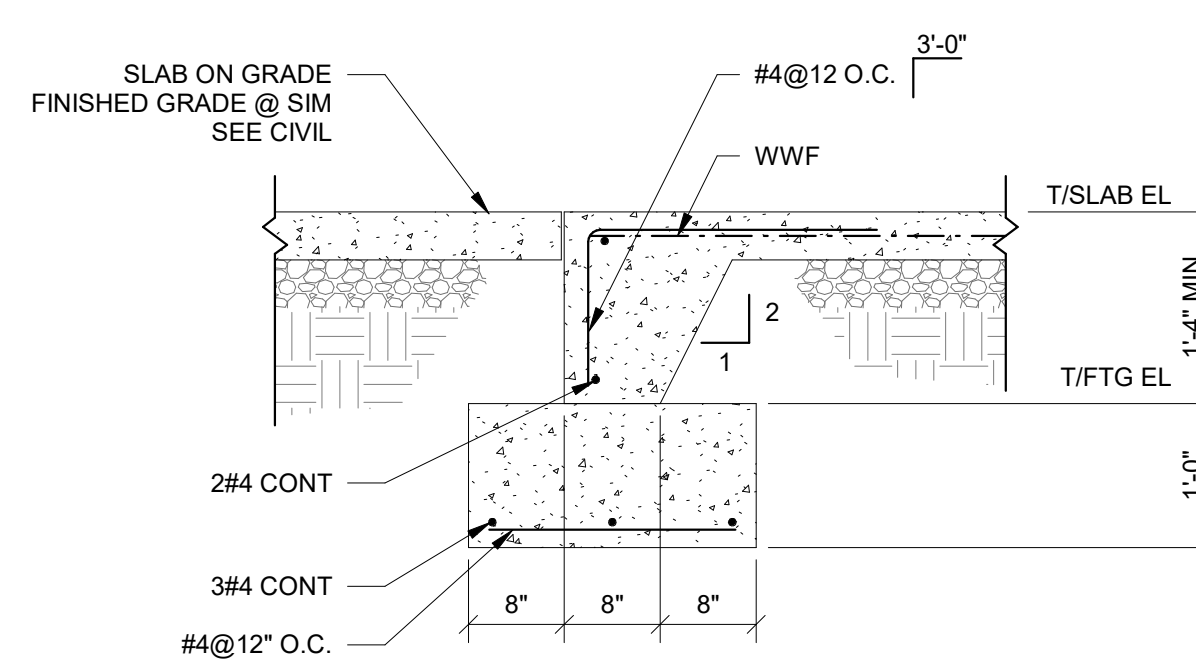
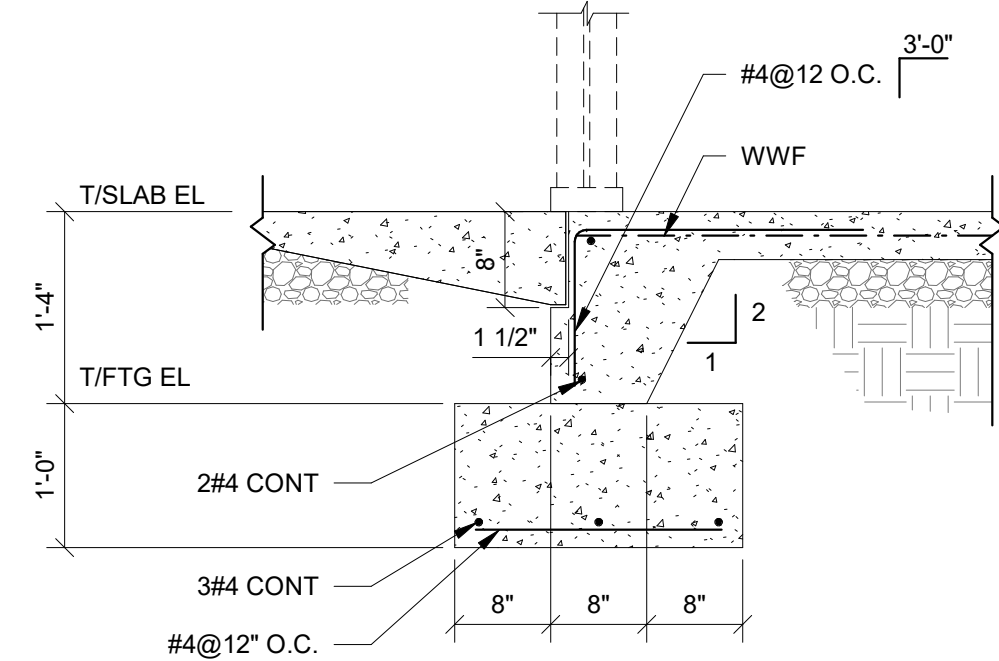
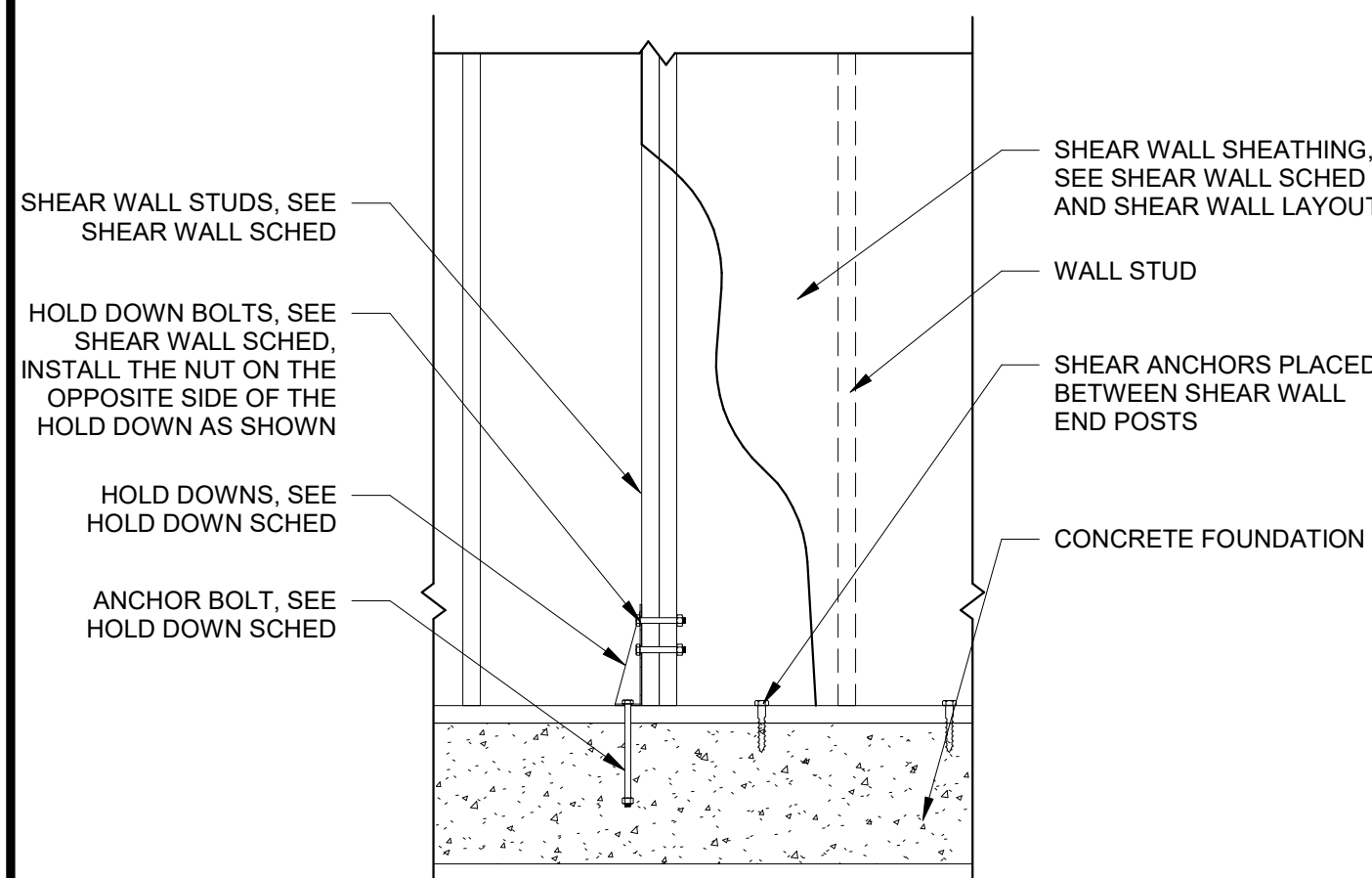


NOTE: SAW CUT OR DISCONTINUE REINF AT CONTRACTION JT.

9 TYPICAL ISOLATION JOINT AT STEEL COLUMN  
 S3-02 3/4" = 1'-0"

6 TYPICAL REINFORCEMENT AT SLAB RE-ENTRANT CORNER  
 S3-02 3/4" = 1'-0"

3 TYPICAL GRADE SUPPORTED SLAB AT JOINTS  
 S3-02 3/4" = 1'-0"

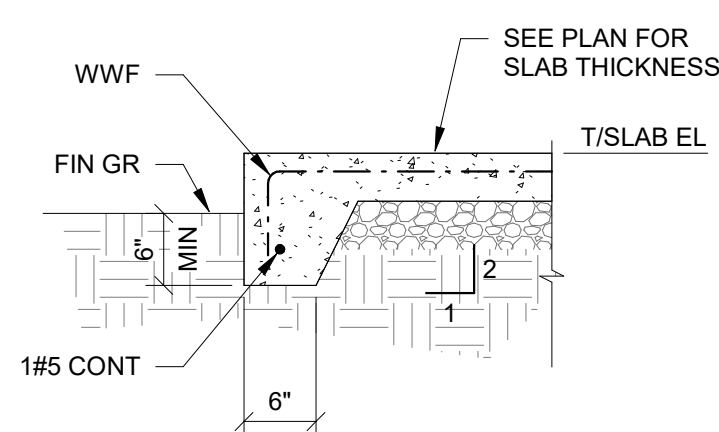
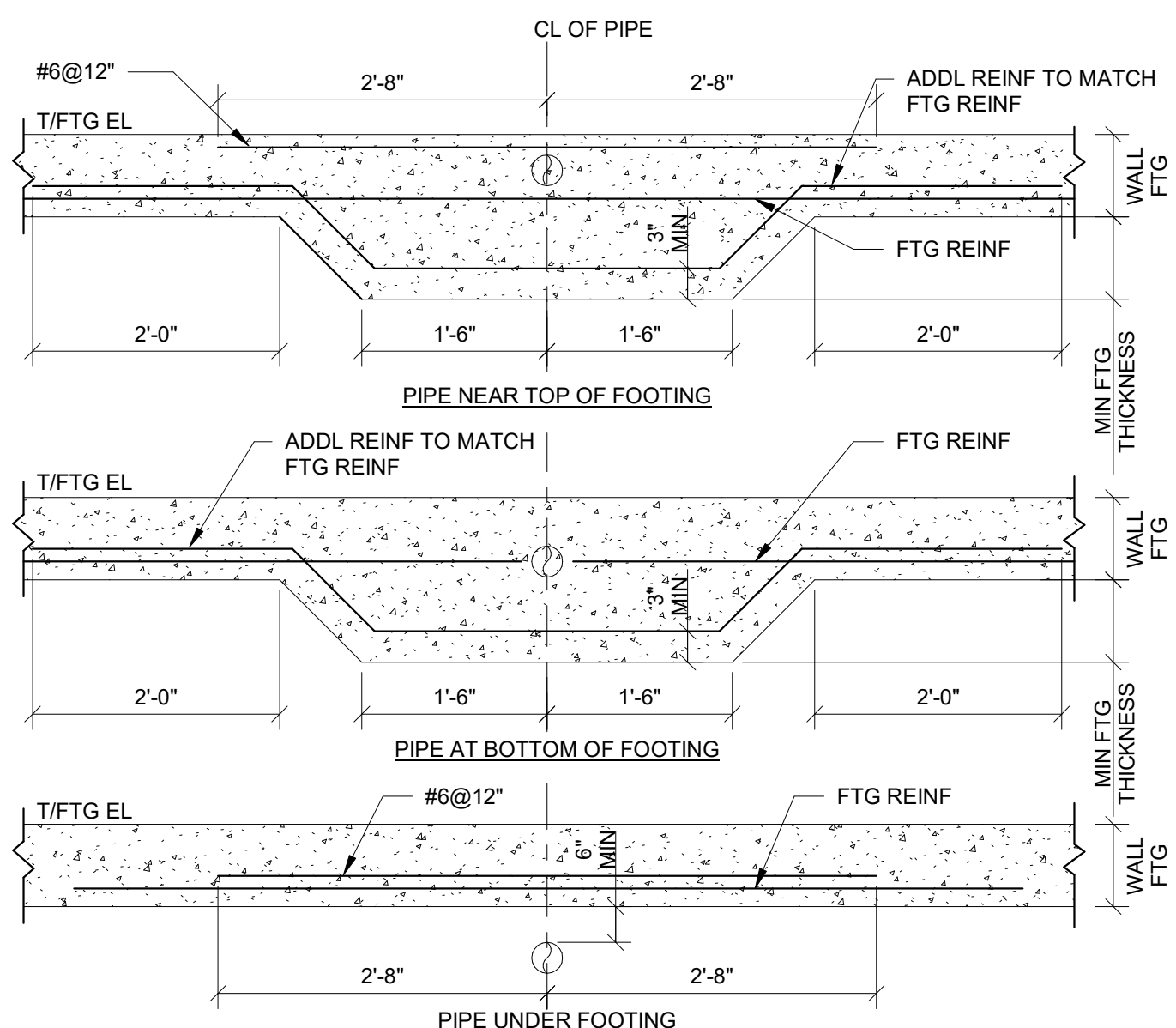


11 SHEAR WALL HOLD DOWN DETAIL AND SCHEDULE  
 S3-02 3/4" = 1'-0"

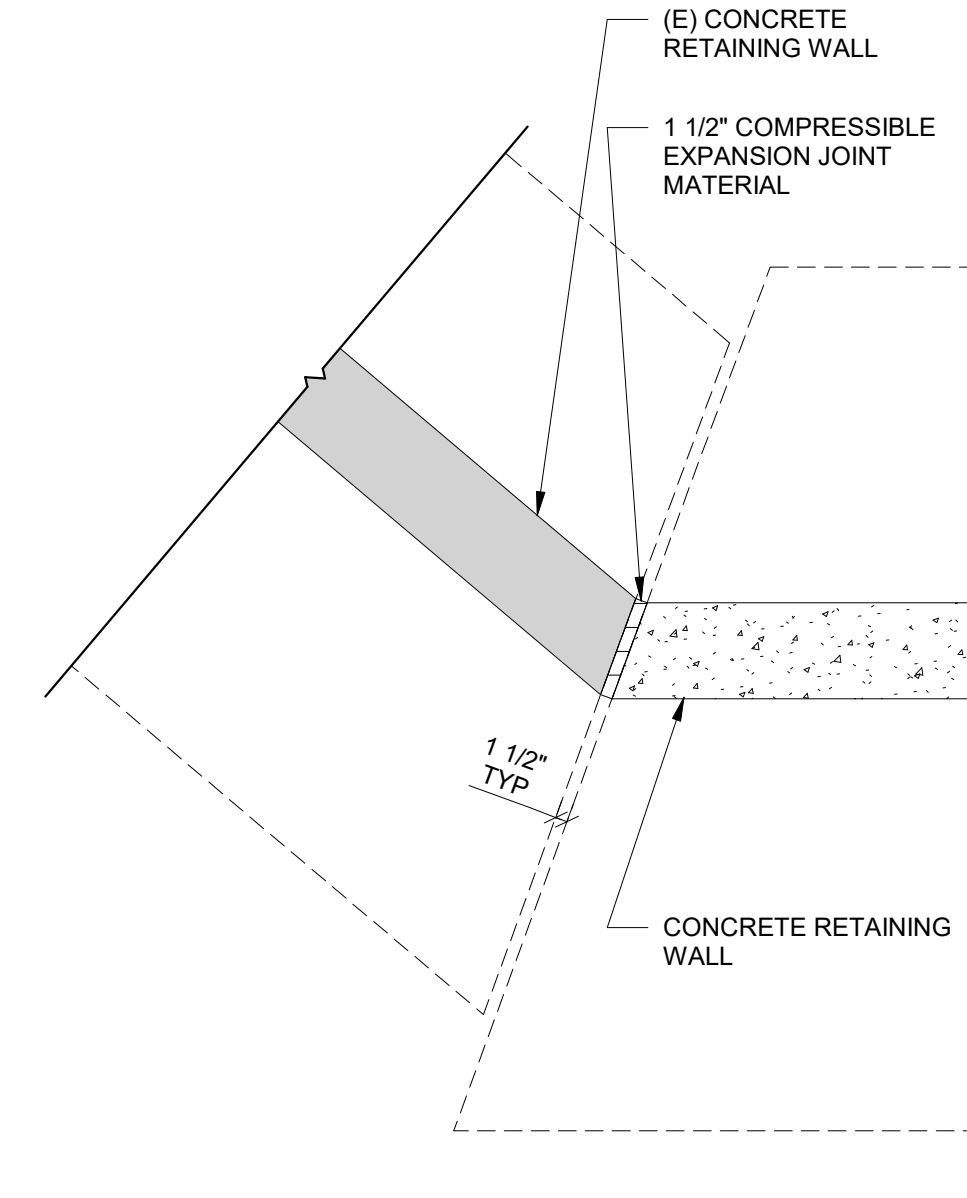
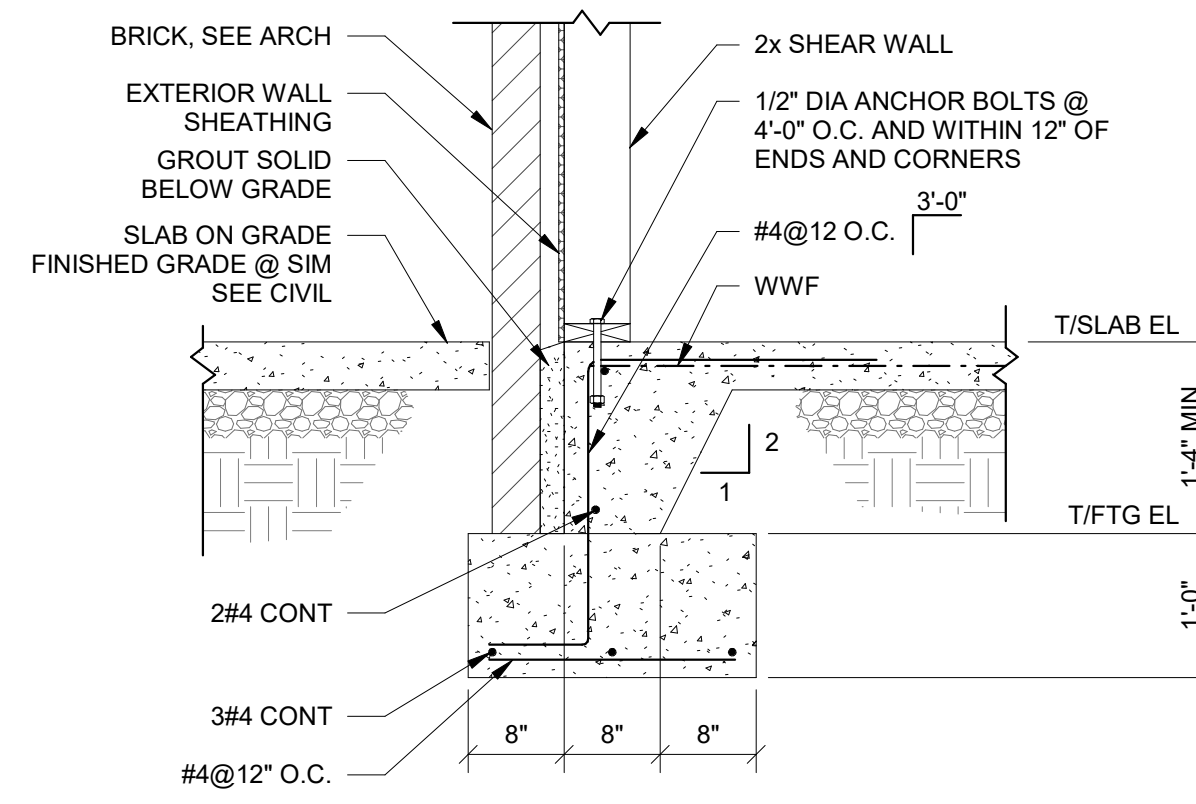
8 TYPICAL TURNDOWN SLAB AT STOREFRONT  
 S3-02 3/4" = 1'-0"

5 TYPICAL TURNDOWN SLAB ON FOOTING  
 S3-02 3/4" = 1'-0"

2 TYPICAL THICKENED SLAB AT INTERIOR LOAD BEARING WALLS  
 S3-02 3/4" = 1'-0"



SHEAR WALL FOOTING SCHEDULE			
MARK	SIZE (WxT)	REINF	REMARKS
SWF1	2'-0"x1'-0"	3#4 CONT. #4@12" O.C. SHORT	BOTTOM



10 TYPICAL THICKENED FOOTING AT UNDERGROUND PIPING  
 S3-02 3/4" = 1'-0"

7 TYPICAL TURNDOWN SLAB  
 S3-02 3/4" = 1'-0"

4 TYPICAL TURN DOWN SLAB ON FOOTING AT SHEAR WALL  
 S3-02 3/4" = 1'-0"

1 TYPICAL CONCRETE WALL AT EXISTING CONCRETE WALL  
 S3-02 1/2" = 1'-0"

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 2019-02-04 CONSTRUCTION DOCUMENTS 100%

Revisions

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DATE July 02, 2018

PROJECT NUMBER 1816000.000

SHEET TITLE

**FOUNDATION DETAILS**

SHEET NUMBER

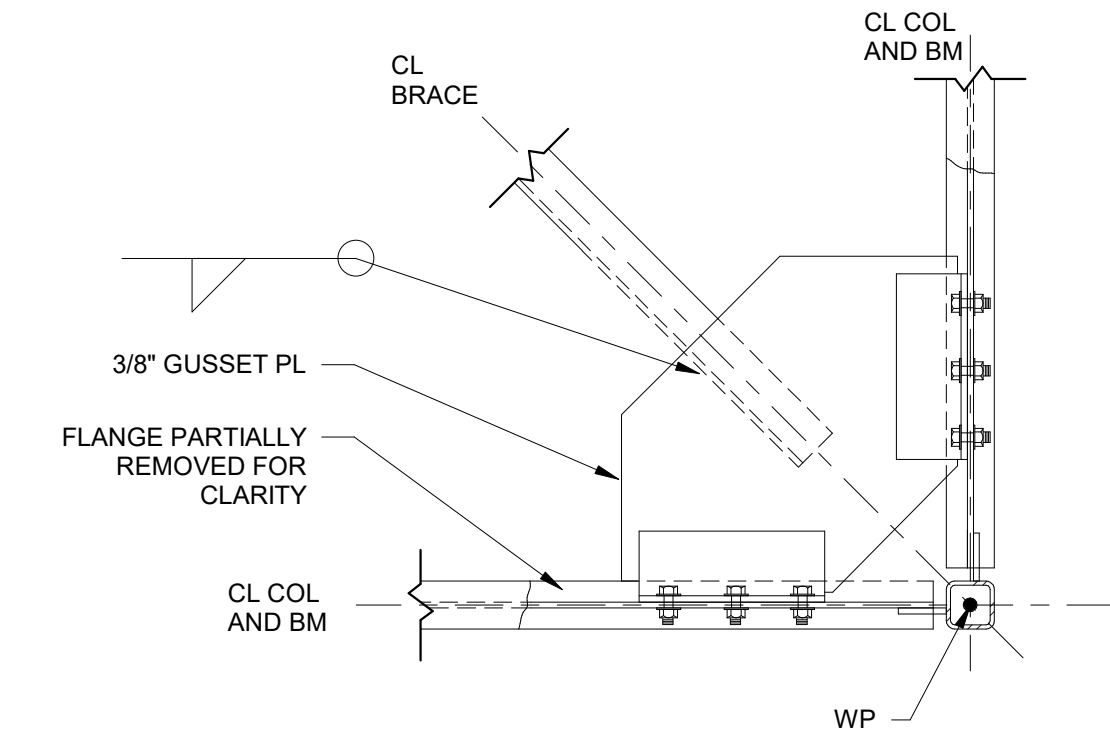
**S3-02**



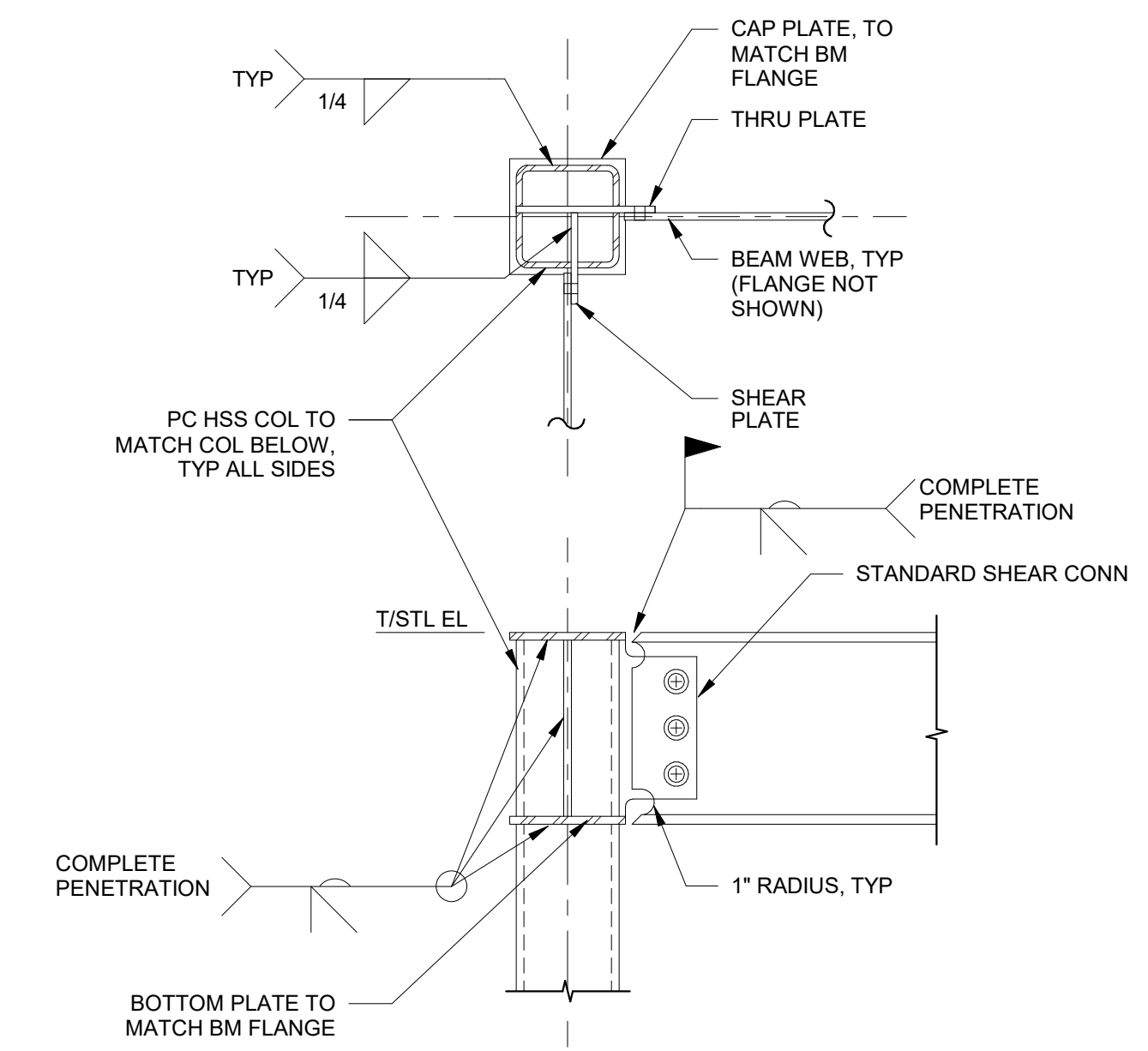
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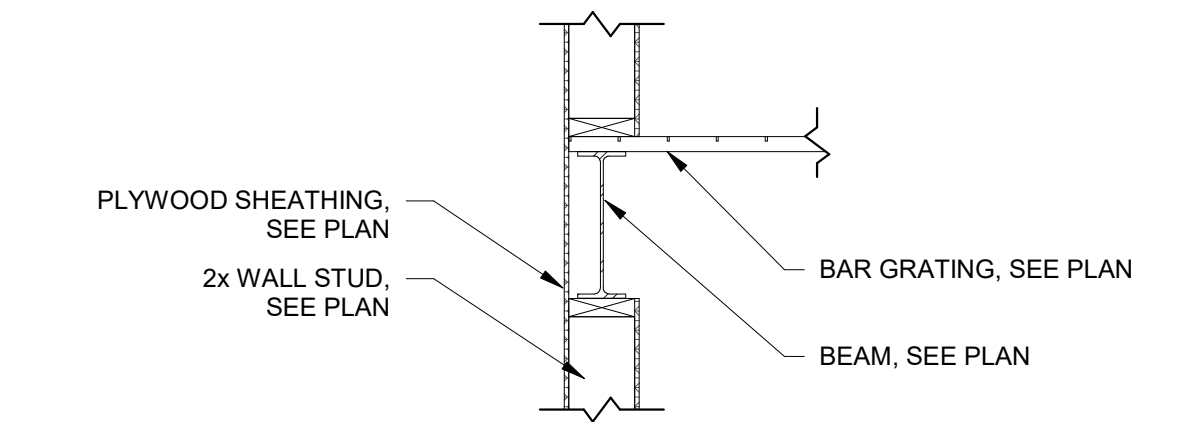
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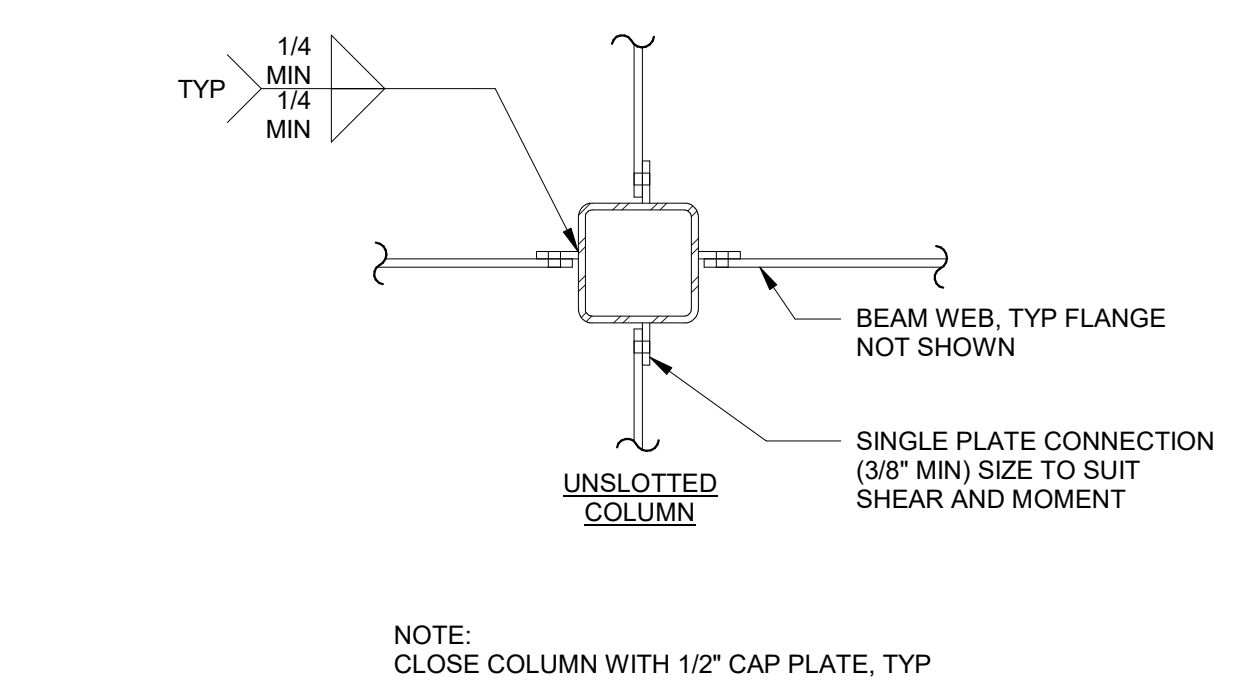
**3** TYPICAL HORIZONTAL BRACE AT COLUMN  
S5-01 3/4" = 1'-0"



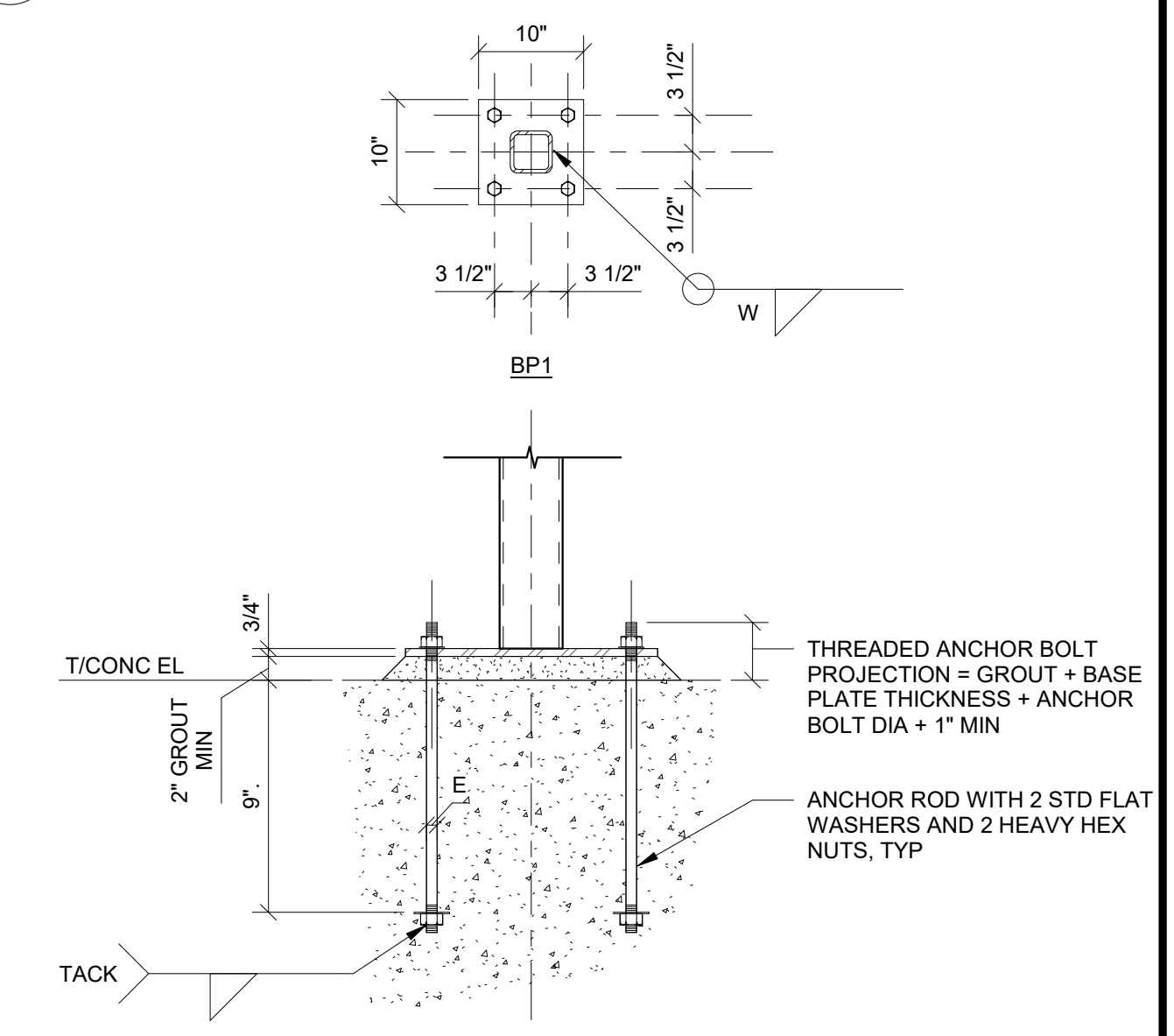
**5** TYPICAL TUBE COLUMN CONNECTIONS (MOMENT CONNECTION)  
S5-01 3/4" = 1'-0"



**2** TYPICAL GRATING AT EDGE  
S5-01 3/4" = 1'-0"



**4** TYPICAL TUBE COLUMN CONNECTIONS  
S5-01 3/4" = 1'-0"



**1** TYPICAL BASE PLATE AND ANCHOR BOLT (TUBE)  
S5-01 3/4" = 1'-0"

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PROJECT NUMBER 1816000.000  
SHEET TITLE  
**STEEL FRAMING DETAILS**

SHEET NUMBER  
**S5-01**



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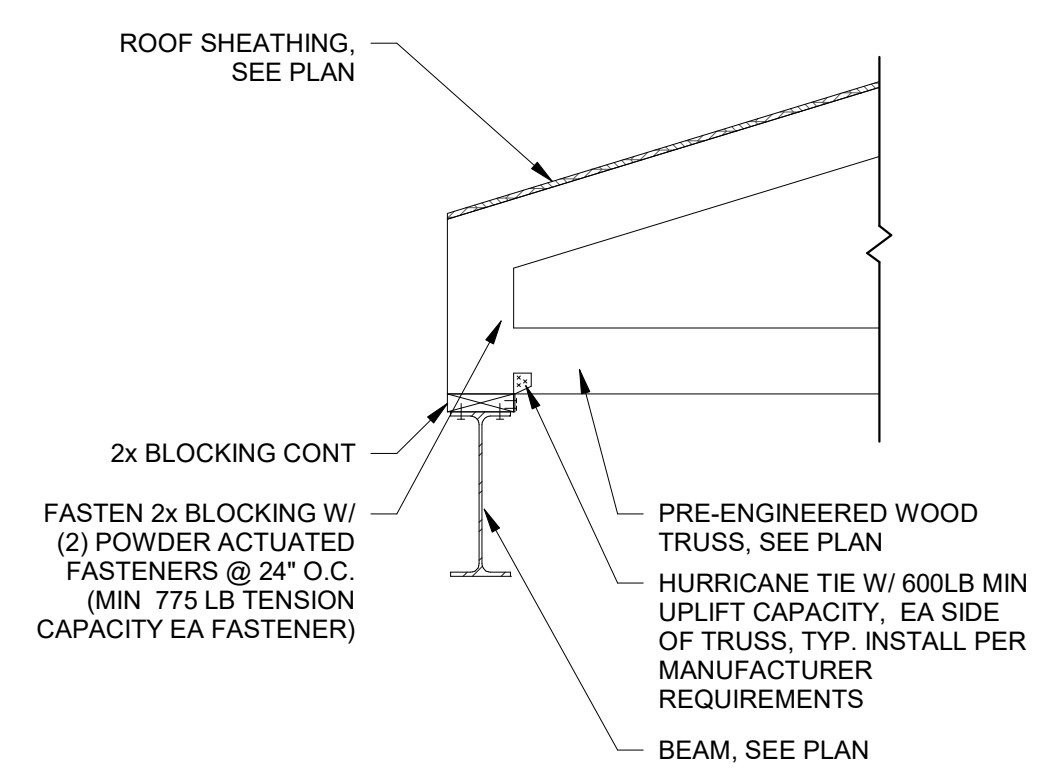
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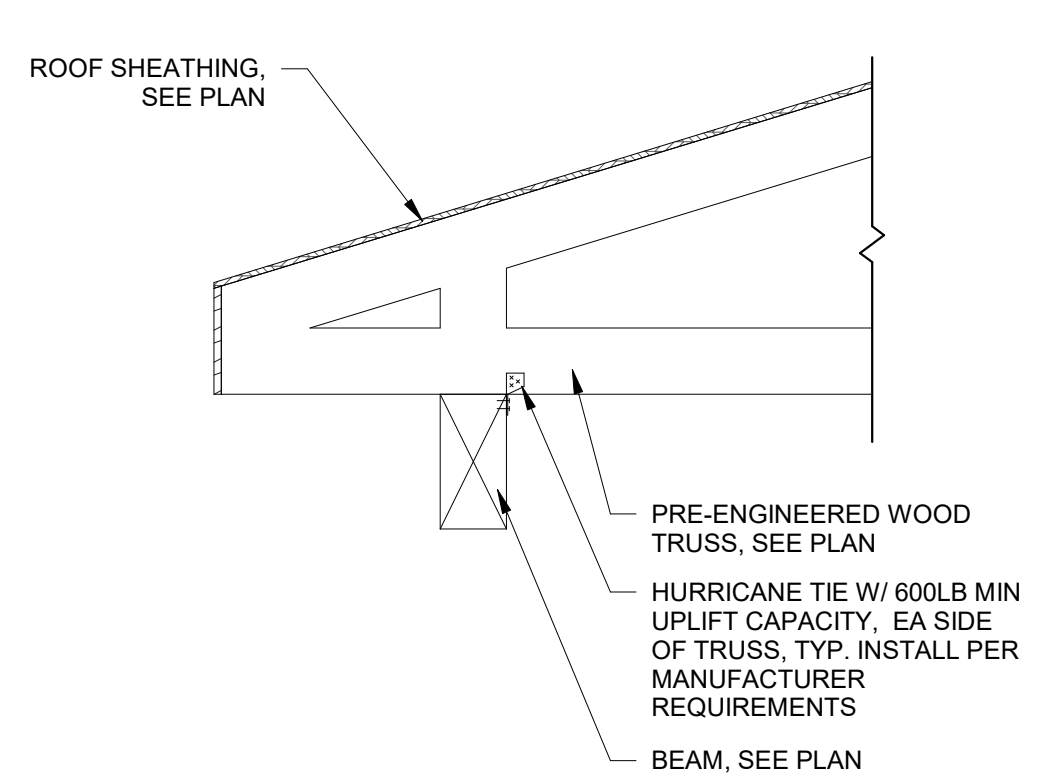
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**WOOD FRAMING DETAILS**

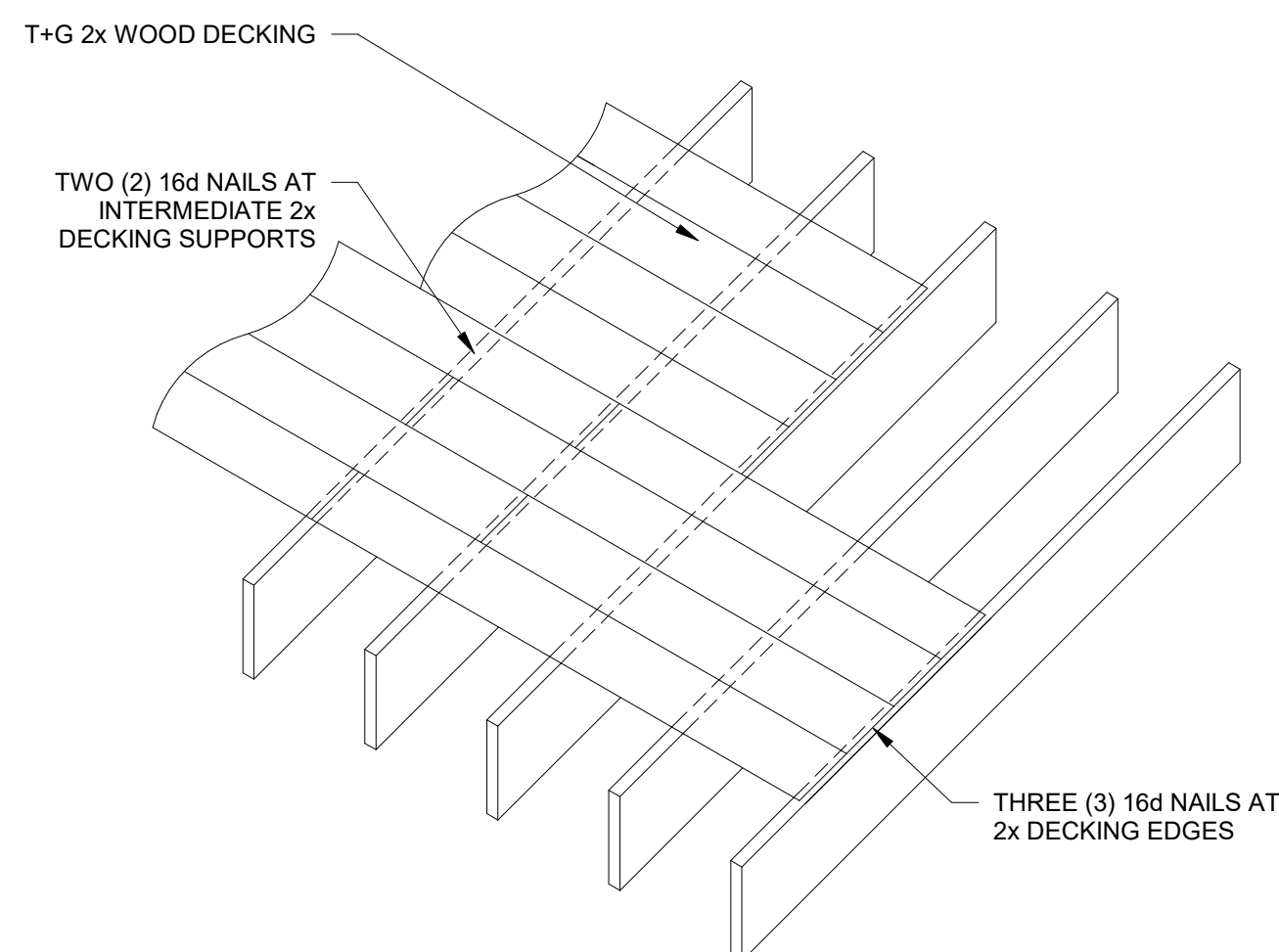
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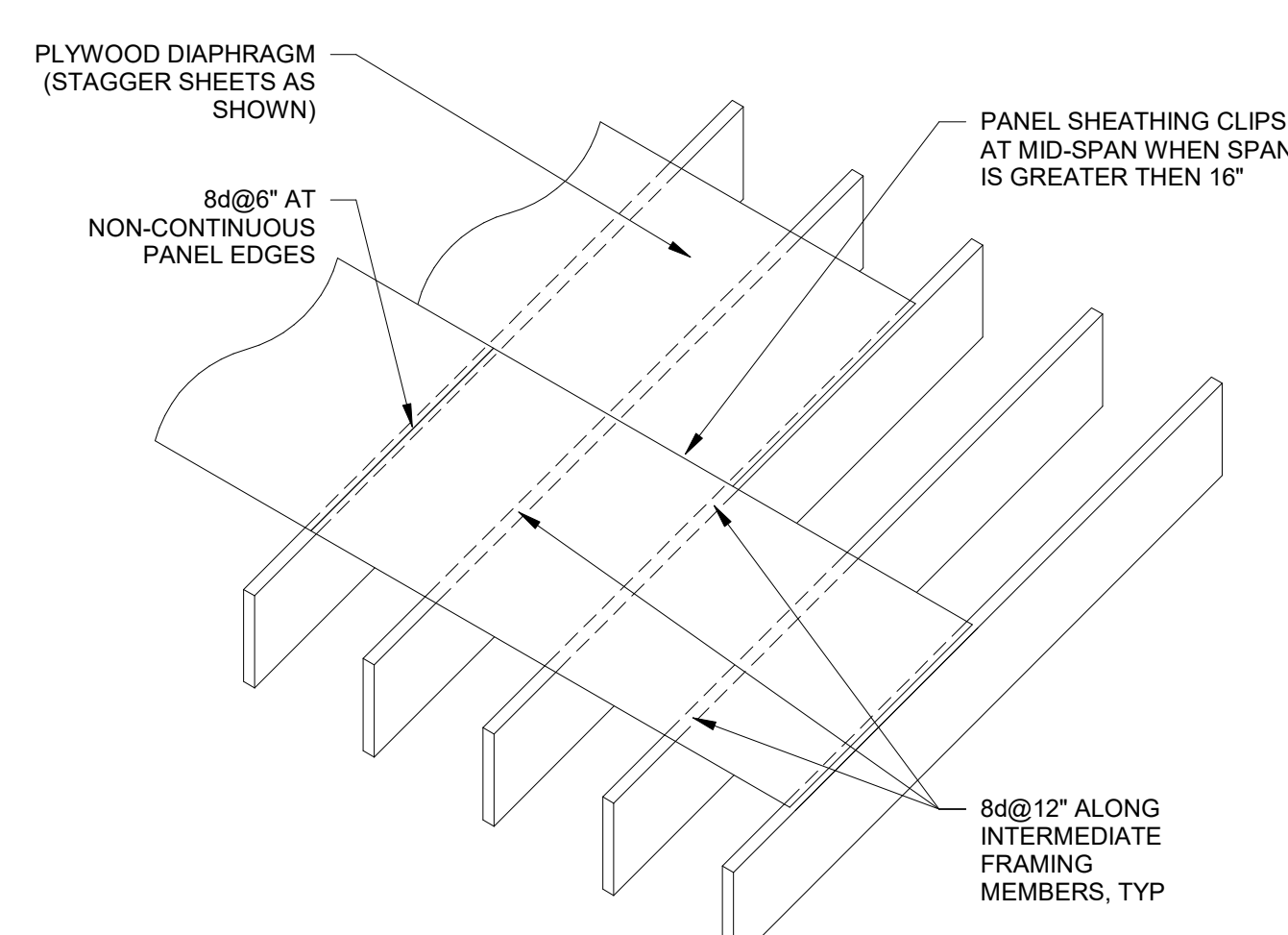
12 TRUSS BEARING SECTION AT STEEL BEAM  
S6-01 3/4" = 1'-0"



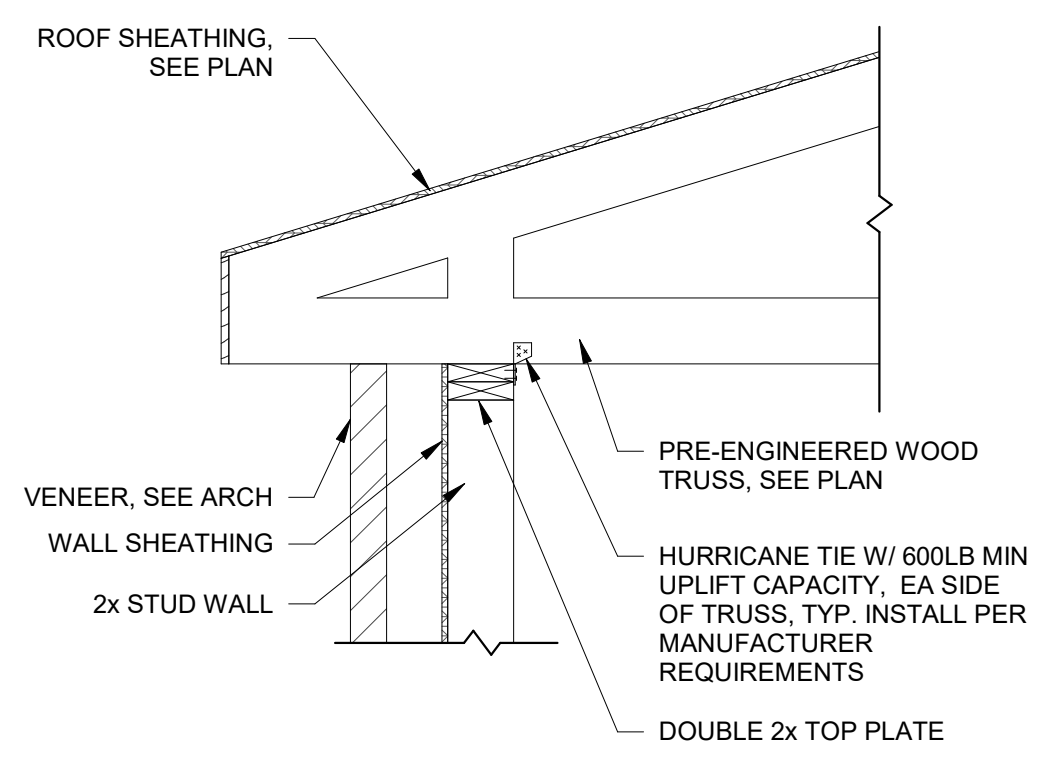
9 TRUSS BEARING SECTION AT BEAM  
S6-01 3/4" = 1'-0"



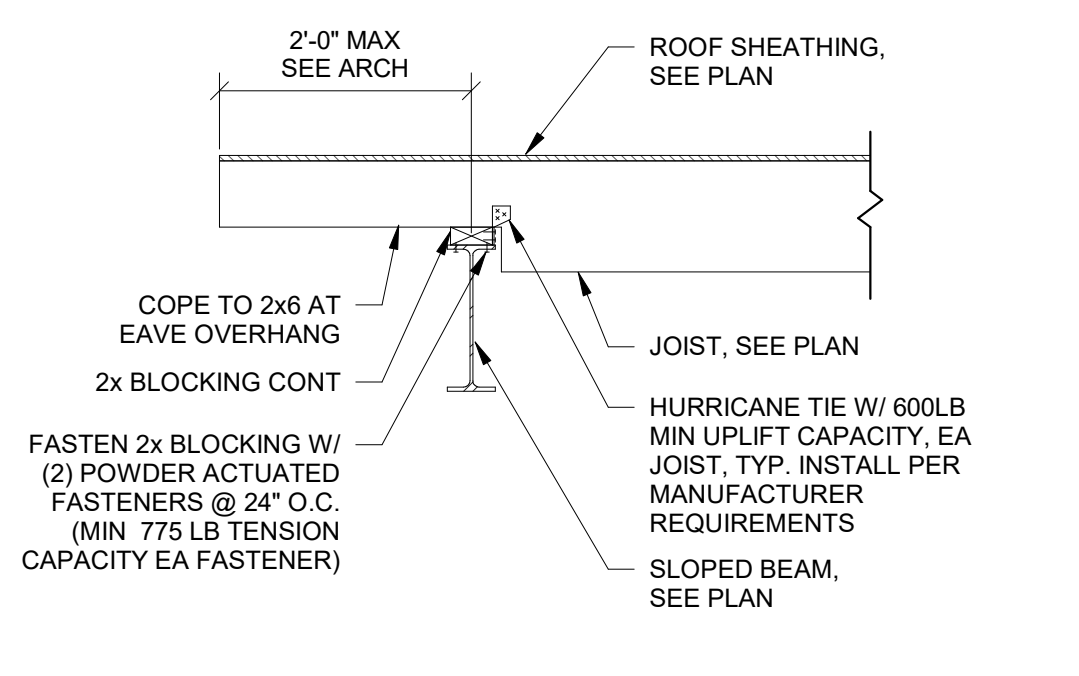
6 ROOF TONGUE AND GROOVE DECKING DETAIL  
S6-01 3/4" = 1'-0"



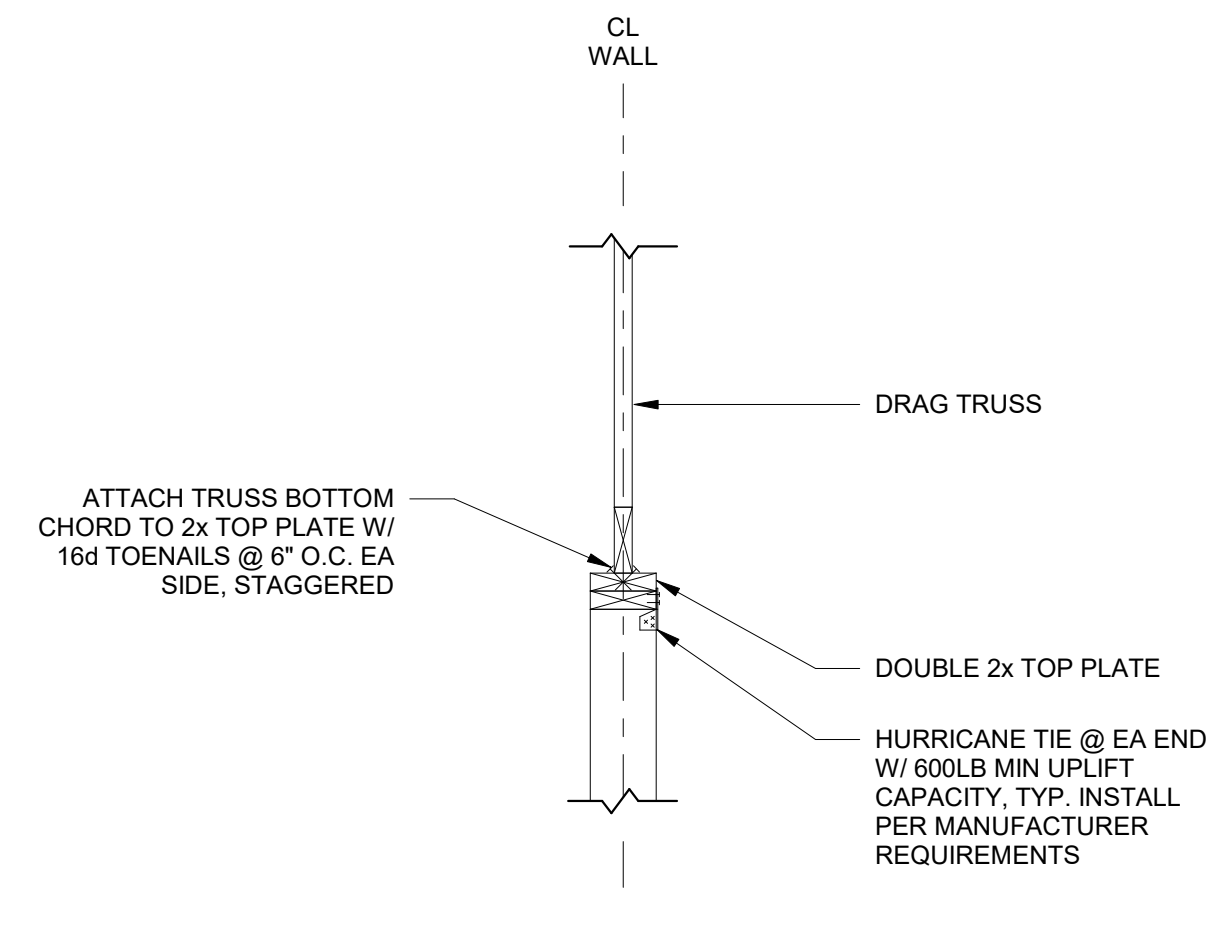
3 ROOF DIAPHRAGM DETAIL  
S6-01 3/4" = 1'-0"



11 TRUSS BEARING SECTION AT STUD WALL  
S6-01 3/4" = 1'-0"



8 TYPICAL ROOF FRAMING AT GABLE END  
S6-01 3/4" = 1'-0"

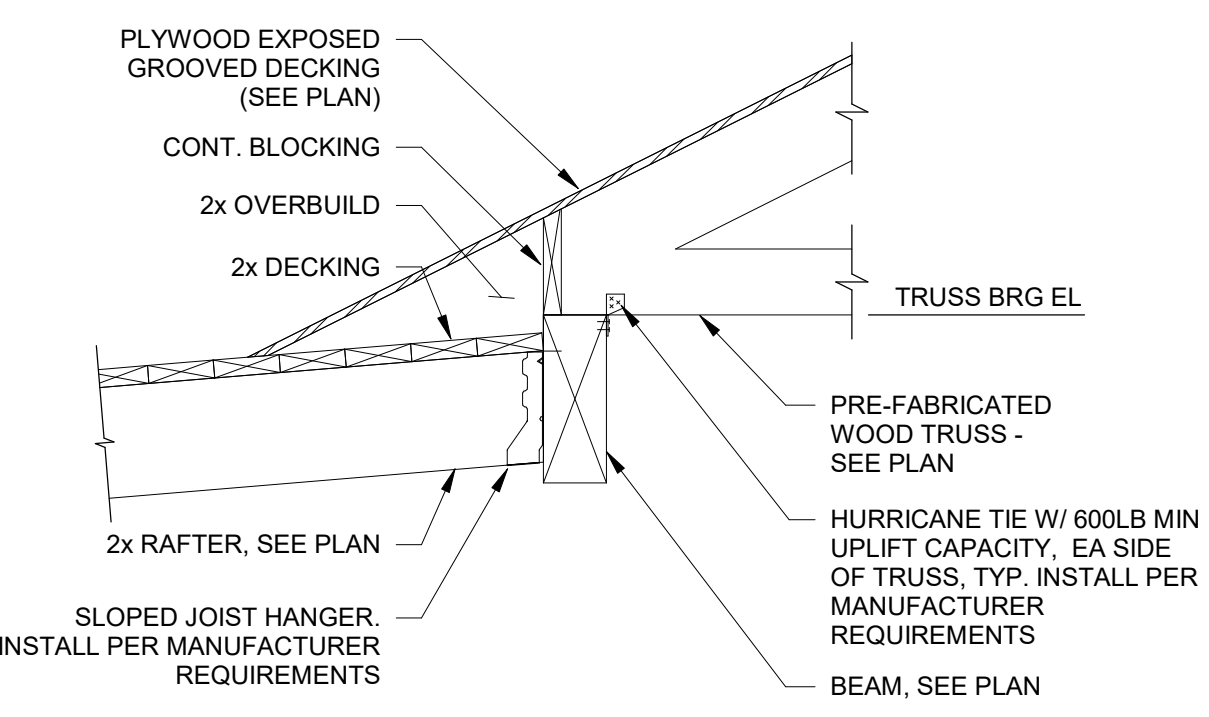


5 DRAG TRUSS CONNECTION TO SHEAR WALL  
S6-01 3/4" = 1'-0"

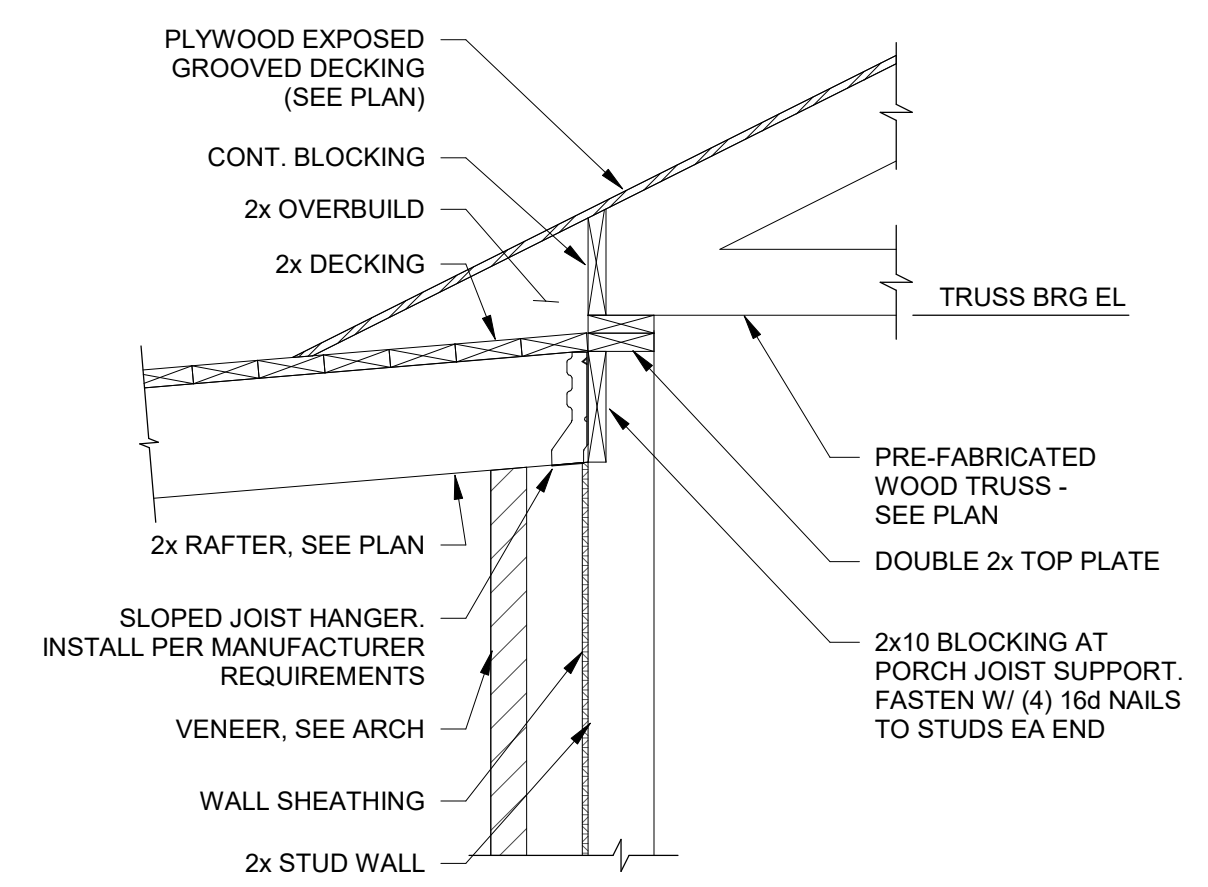
SHEAR WALL SCHEDULE			
MARK	SHEATHING	ATTACHMENT	STUD QTY AT WALL ENDS (NOTE 1)
SW1	ONE SIDE 15/32" APA RATED SHEATHING	8d NAIL @ 6" AT PANEL EDGE AND 12" AT INTERMEDIATE SUPPORTS	(2) 2x4
SW2	ONE SIDE 15/32" APA RATED SHEATHING	8d NAIL @ 6" AT PANEL EDGE AND 12" AT INTERMEDIATE SUPPORTS	(2) 2x6

NOTES:  
1. SEE 11/S3-02 AND 4/S6-01 FOR ADDITIONAL INFORMATION

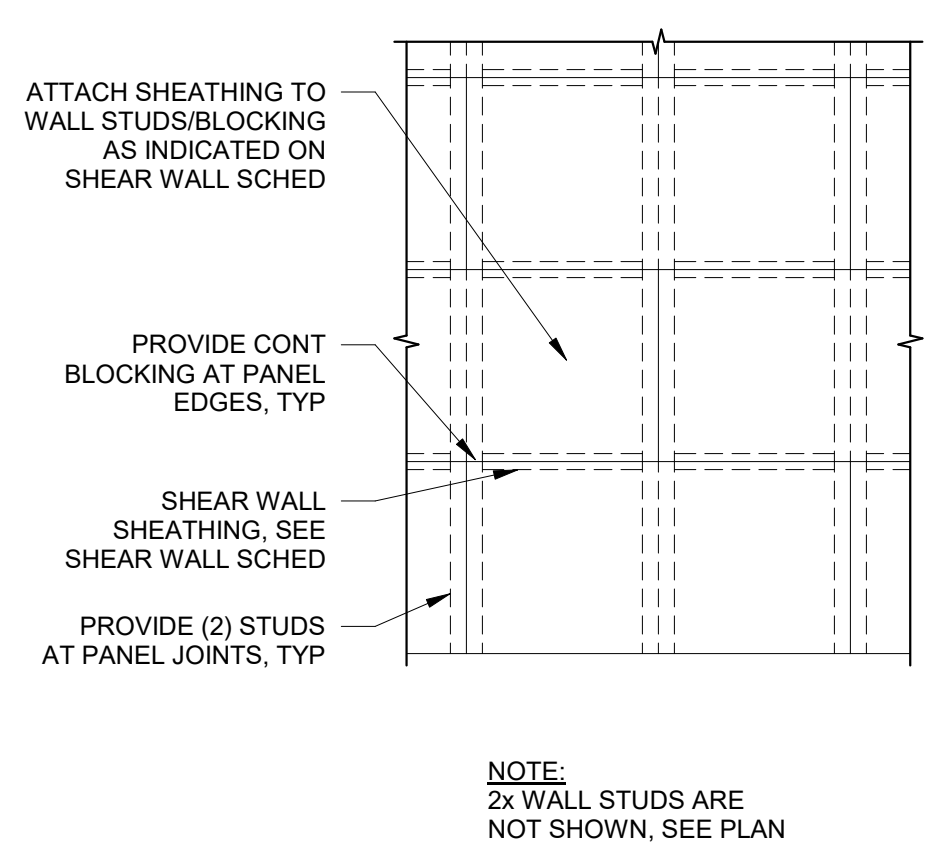
2 SHEAR WALL SCHEDULE  
S6-01 3/4" = 1'-0"



10 EDGE OF ROOF AT PORCH FRAMING  
S6-01 3/4" = 1'-0"



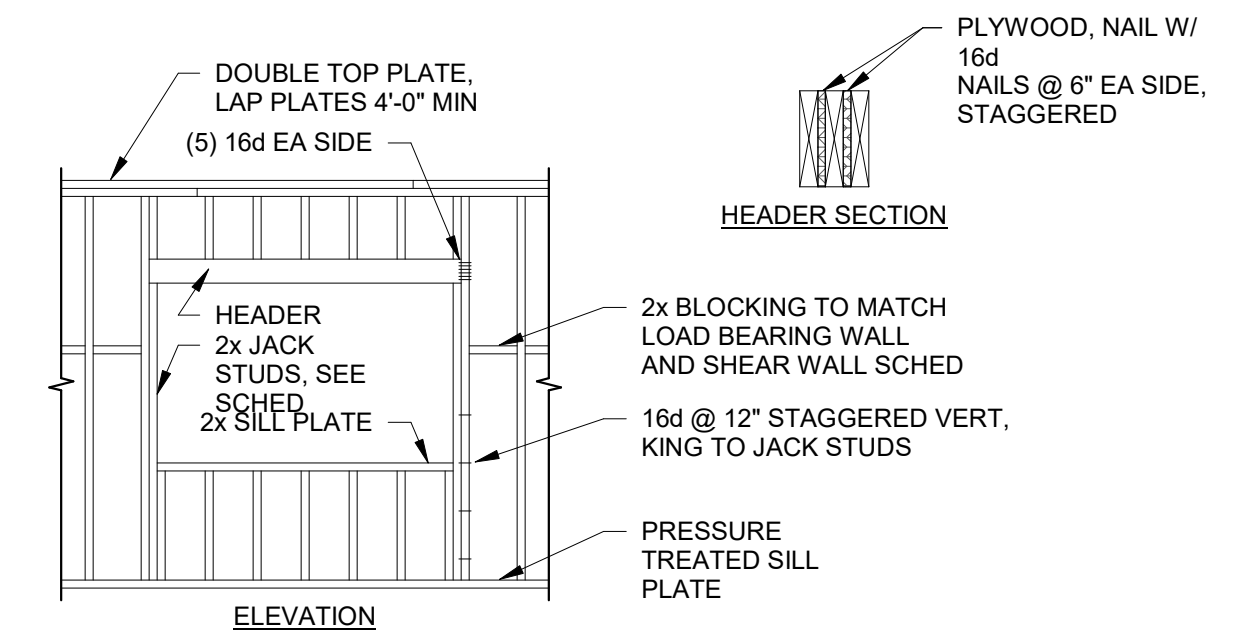
7 EDGE OF ROOF AT PORCH FRAMING  
S6-01 3/4" = 1'-0"



4 TYPICAL SHEAR WALL LAYOUT  
S6-01 3/4" = 1'-0"

HEADER SCHEDULE				
LEVEL	OPENING SIZE	HEADER SIZE	# OF KING STUDS	# OF JACK STUDS
GROUND TO ROOF	LESS THAN 4'-0"	(3) 2x6	1	1
	4'-0" - 6'-0"	(3) 2x10	2	2
	6'-0" - 8'-0"	3.5x9.25 PARALLAM	2	2
	GREATER THAN 8'-0"	SEE PLAN	SEE PLAN	SEE PLAN

1 TYPICAL LOAD BEARING WALL HEADER SECTION AND SCHEDULE  
S6-01 3/4" = 1'-0"



2/8/2019 11:50:35 AM

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FILENAME: C:\Users\User1\Documents\1816000000\_Dawson Senior Center\_Sheet.dwg SHEET NUMBER: S6-02 PROJECT NAME: PROJECT NAME



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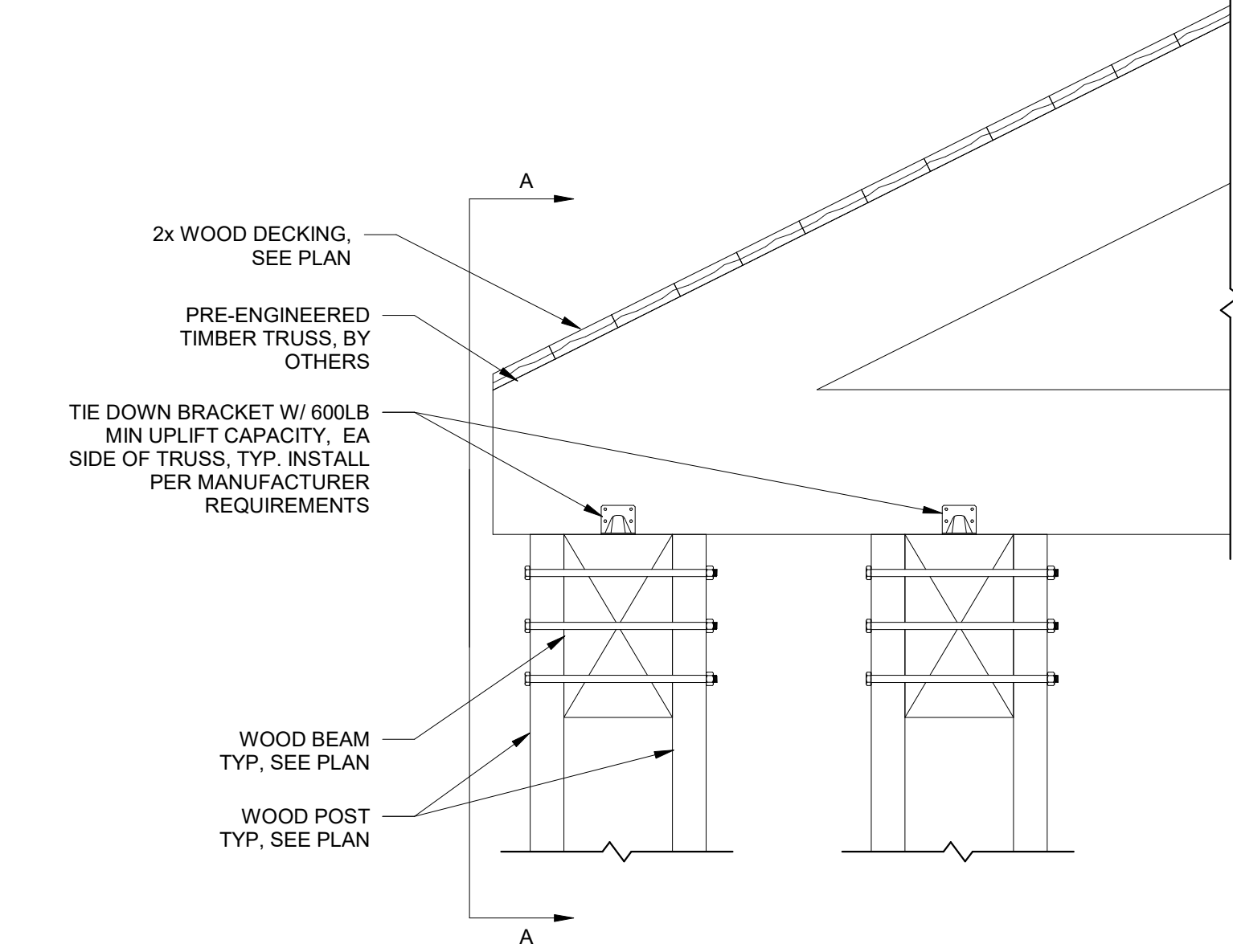
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DATE July 02, 2018  
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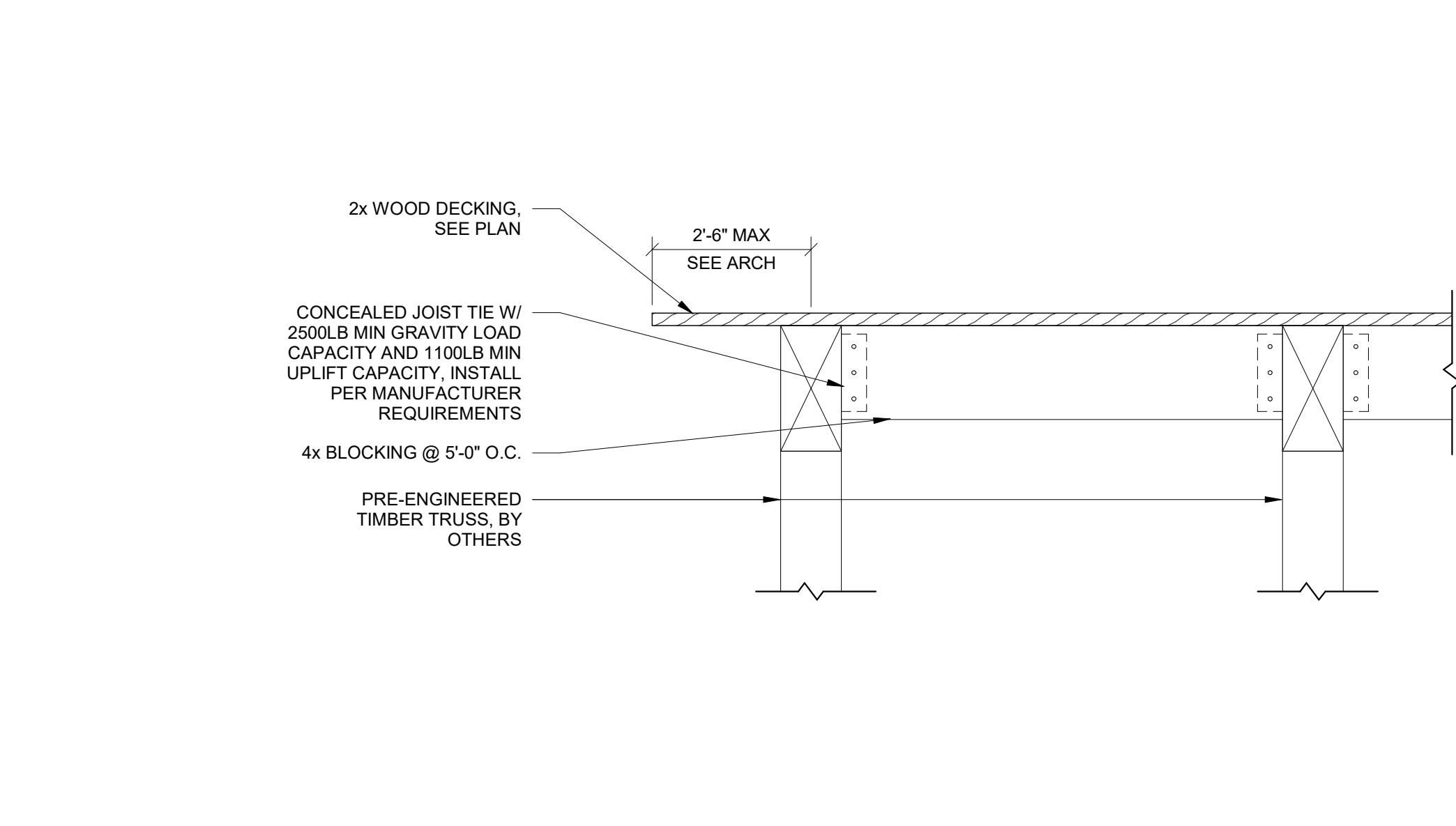
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DETAILS**

SHEET NUMBER  
**S6-02**

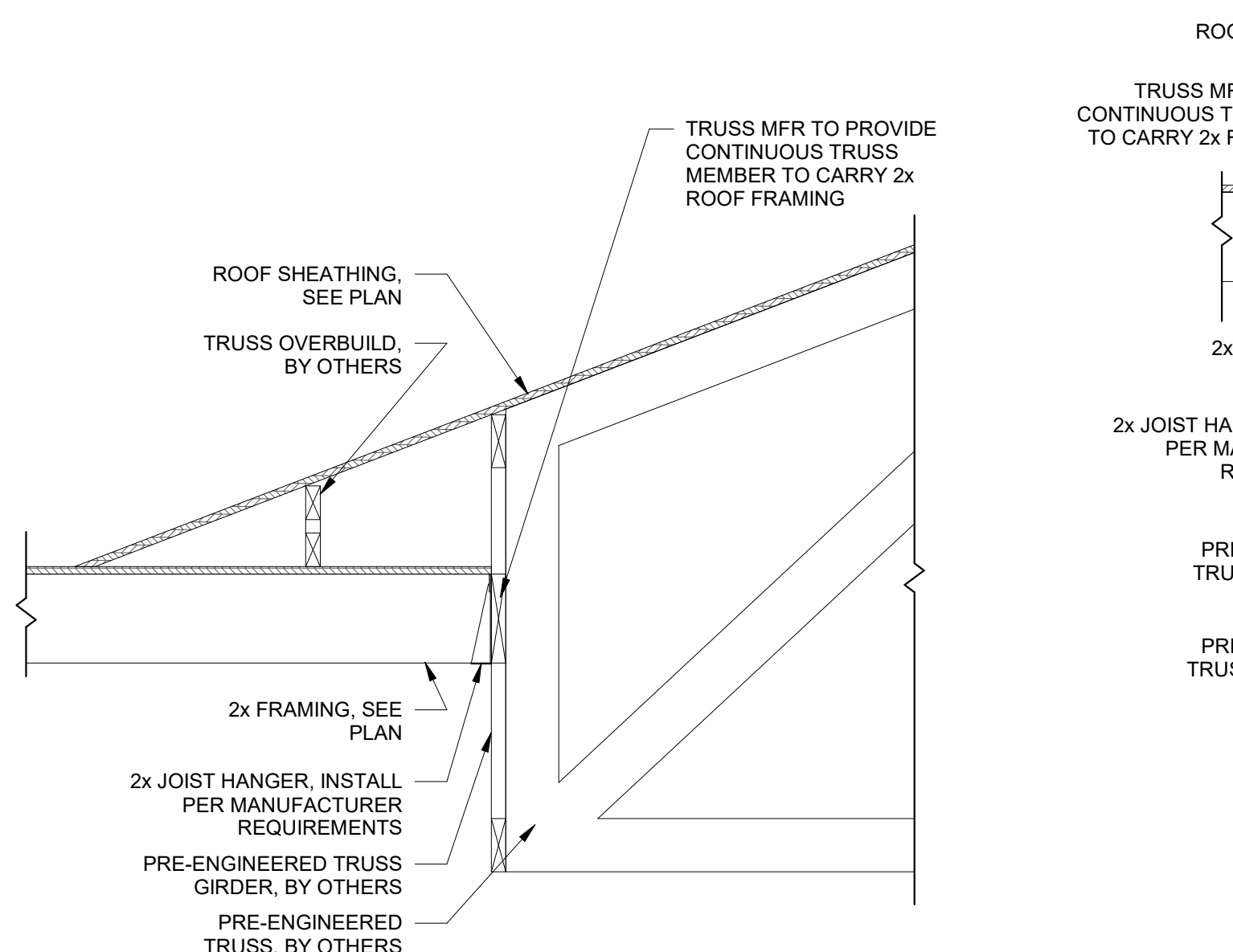
**12 SECTION THRU TRUSS BEARING AT PORTE COCHERE**  
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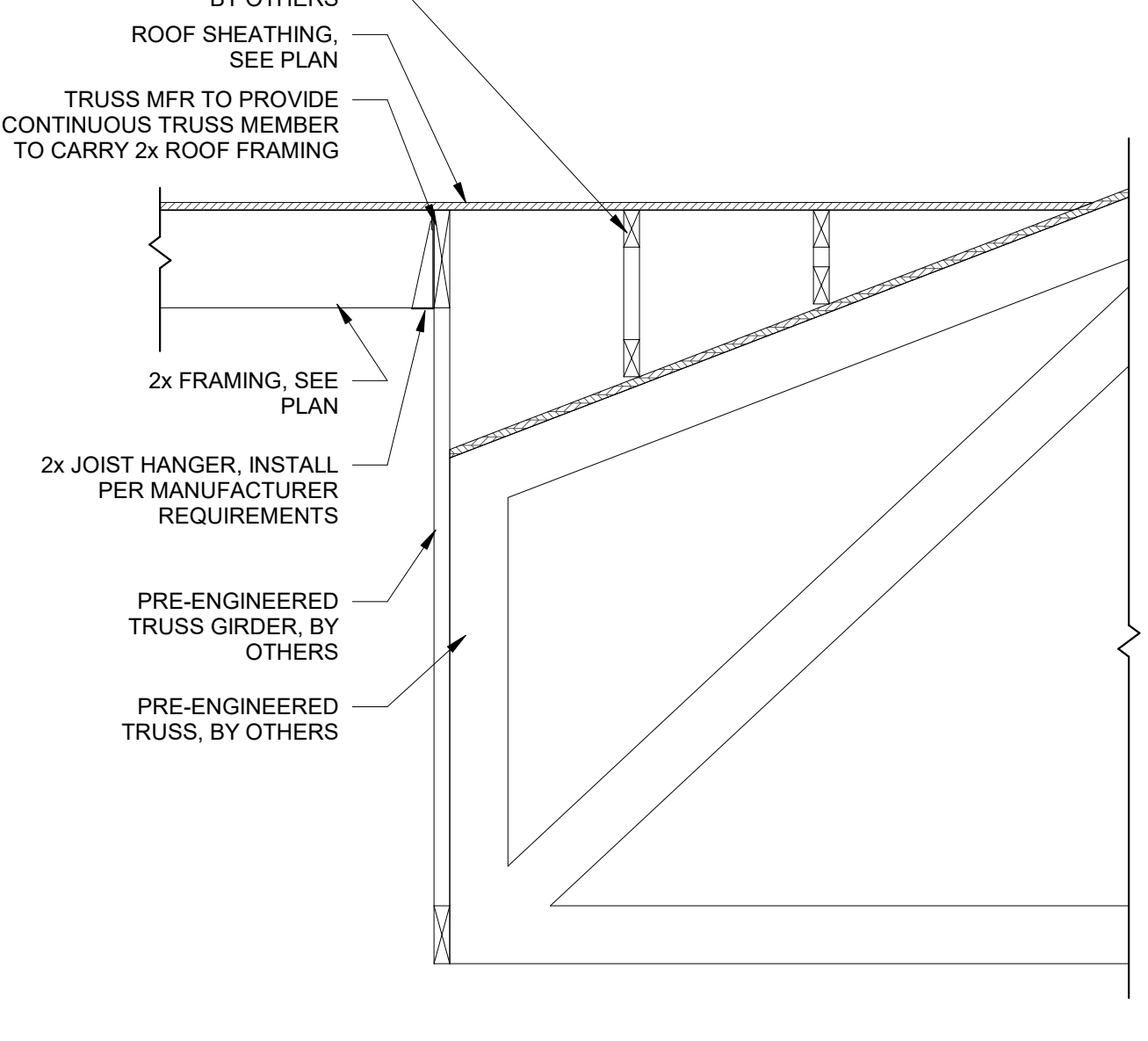
**6 SECTION THRU GABLE END AT PORTE COCHERE AND CANOPY**  
S6-02 3/4" = 1'-0"



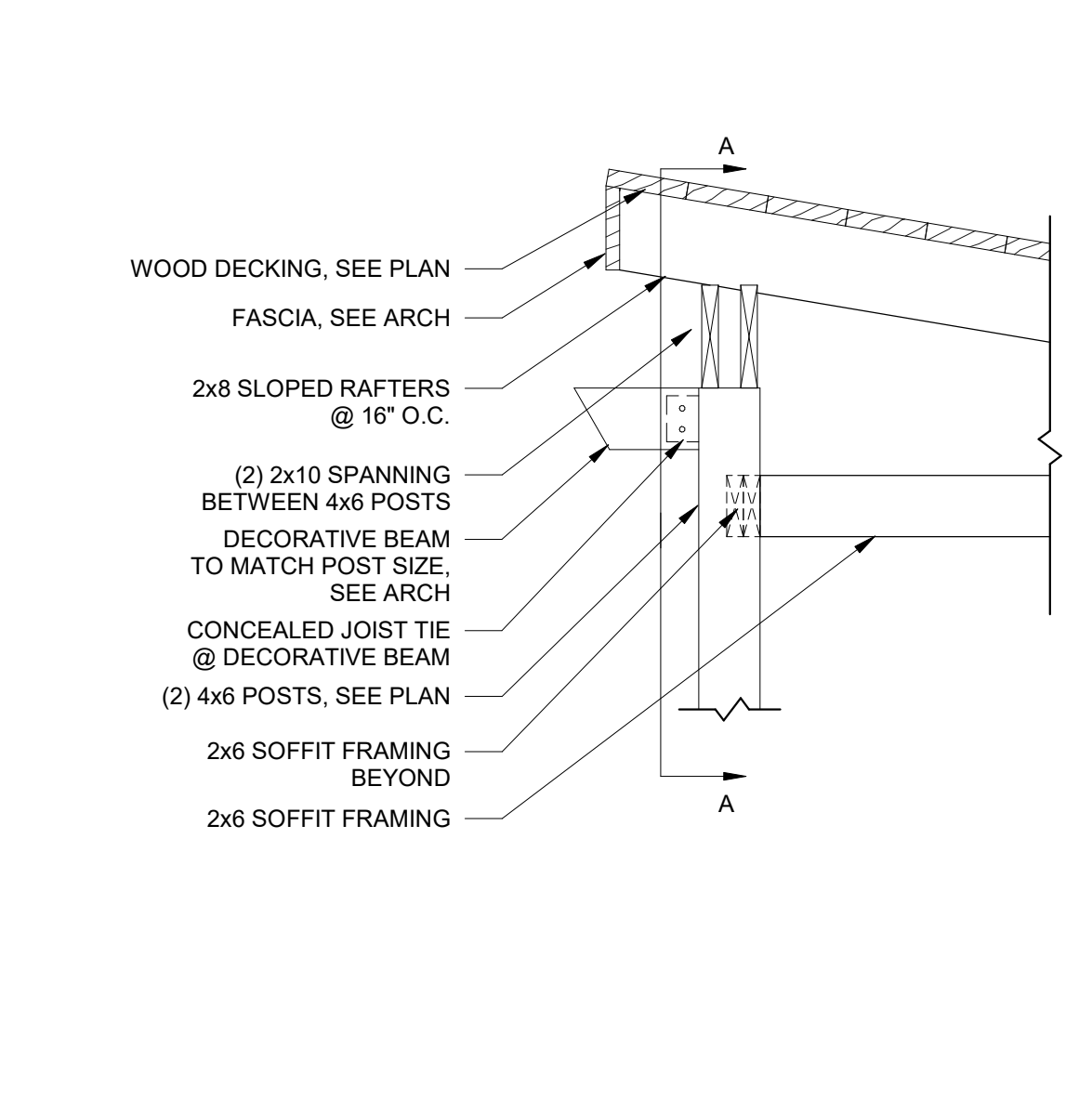
**11 SECTION THRU TRUSS BEARING AT CANOPY**  
S6-02 3/4" = 1'-0"



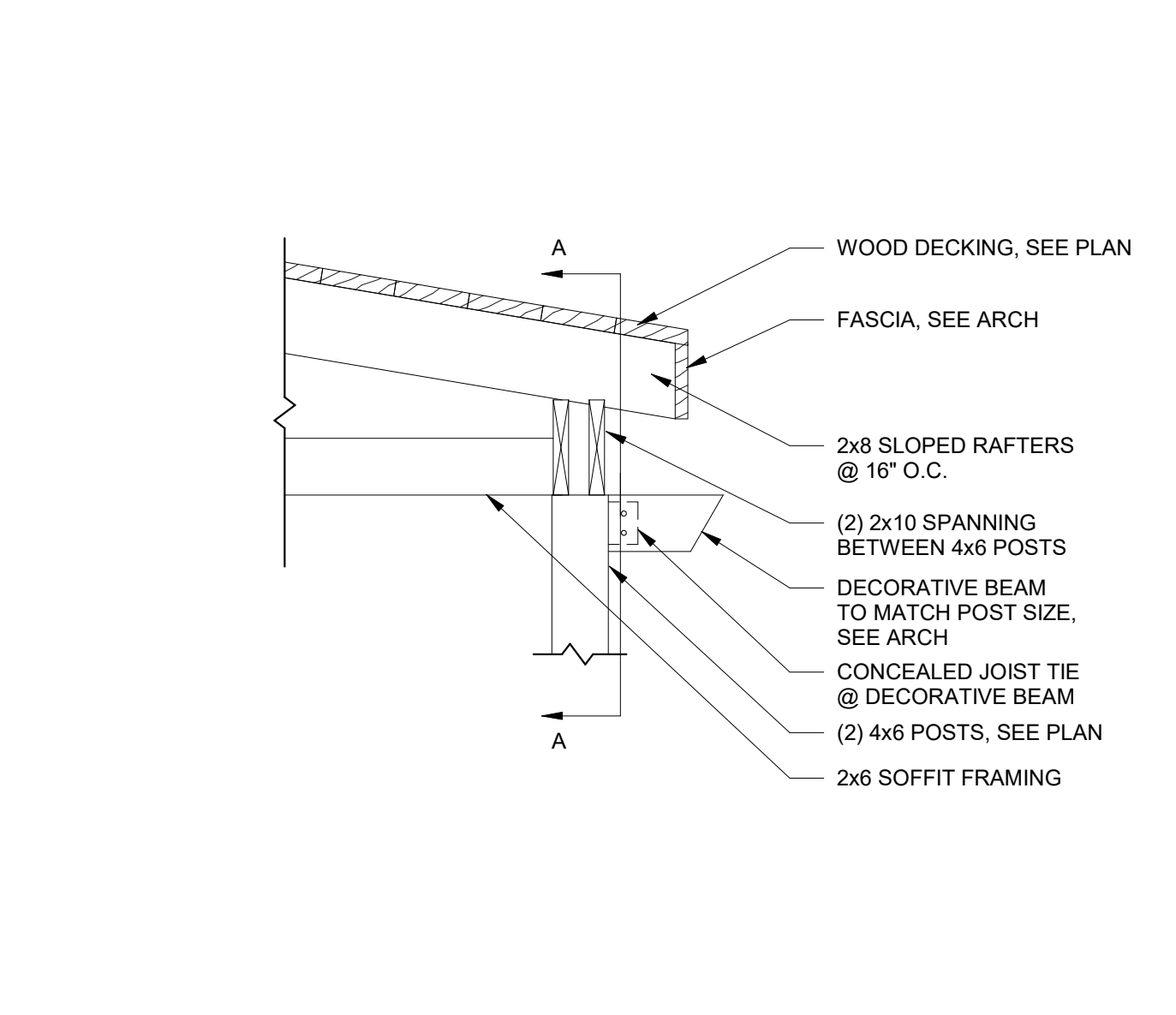
**7 SECTION THRU TRUSS OVERBUILD AT VAULTED CEILING**  
S6-02 3/4" = 1'-0"



**5 TYPICAL BEAM FRAMING AT PORCH COLUMN (HI)**  
S6-02 3/4" = 1'-0"



**1 TYPICAL BEAM FRAMING AT PORCH COLUMN (LO)**  
S6-02 3/4" = 1'-0"



2/8/2019 11:50:36 AM

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FILENAME: C:\Users\User1\Documents\1816000000 Dawson Senior Center Stud. info@shearstructural.com.rvt



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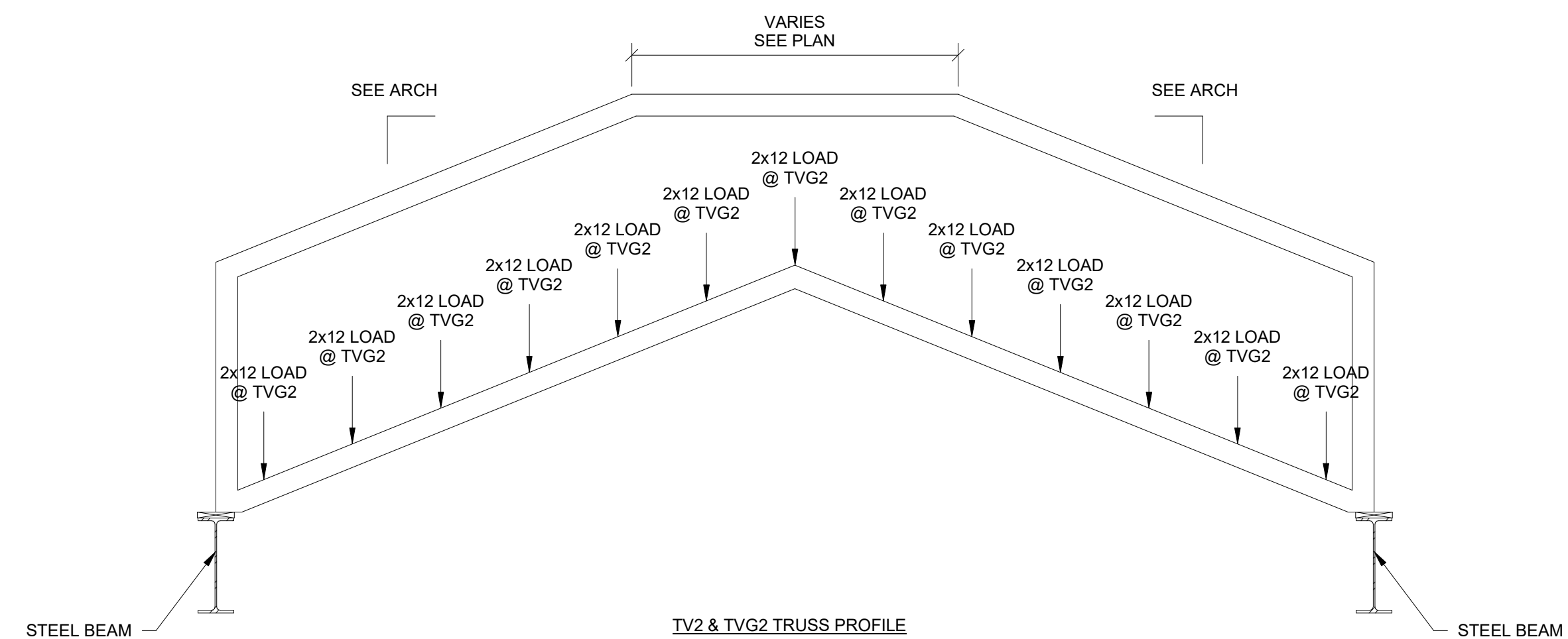
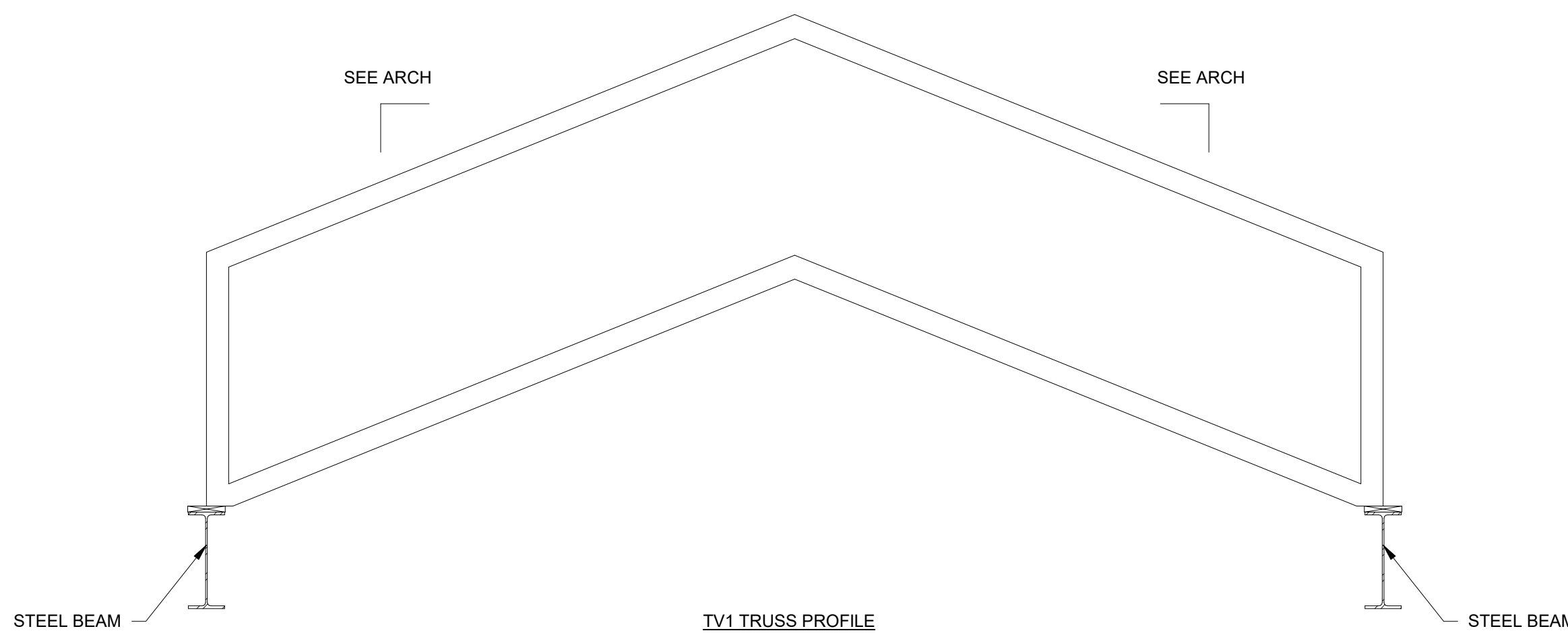
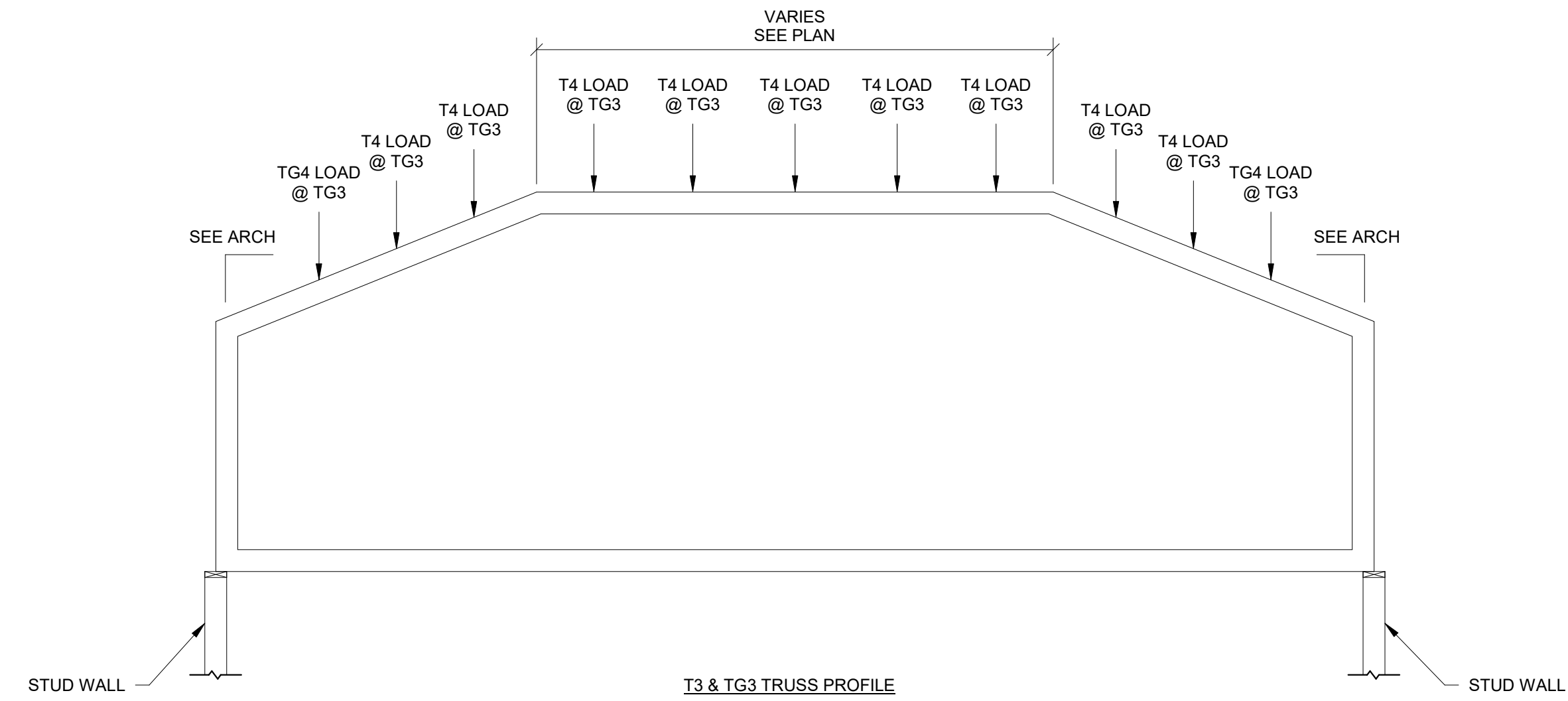
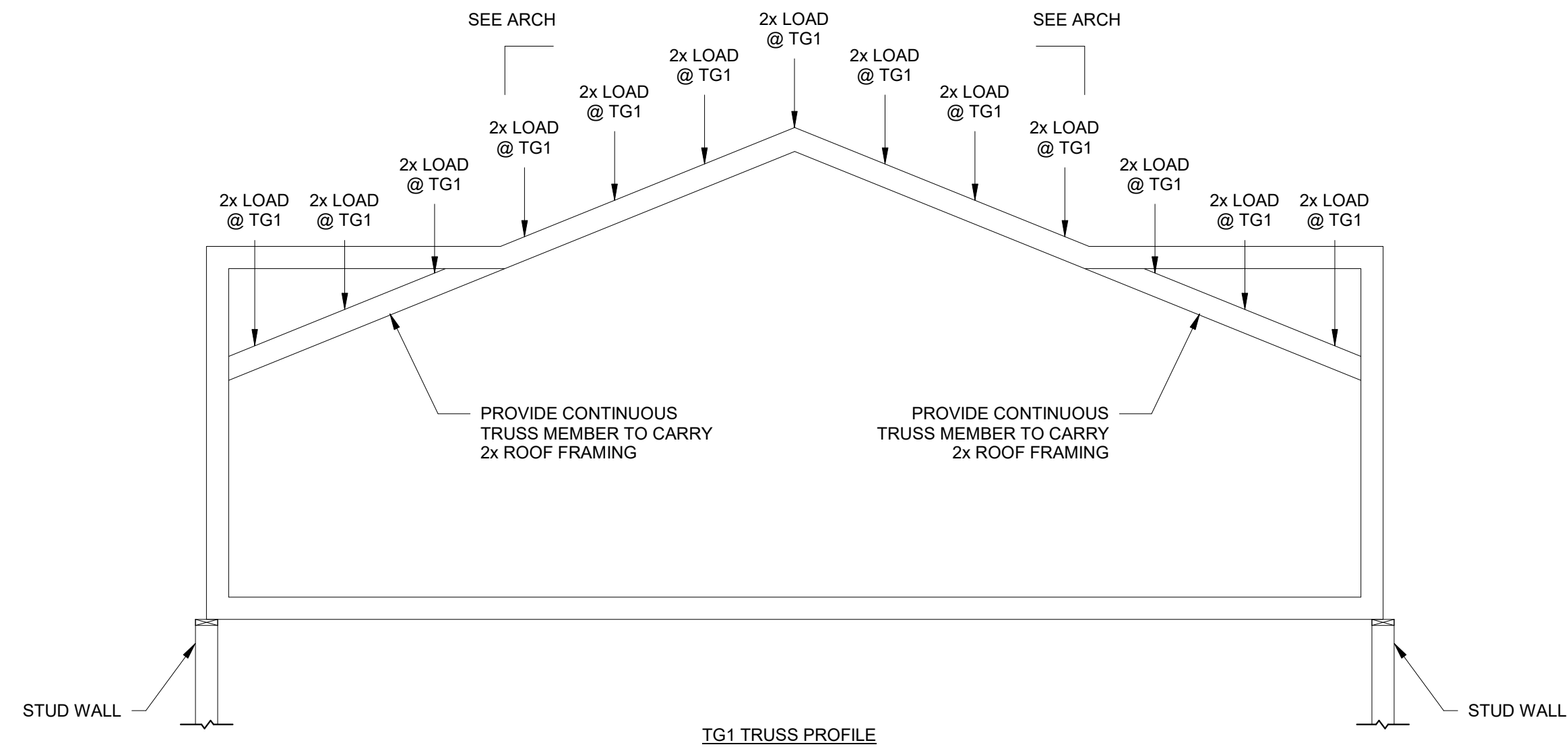
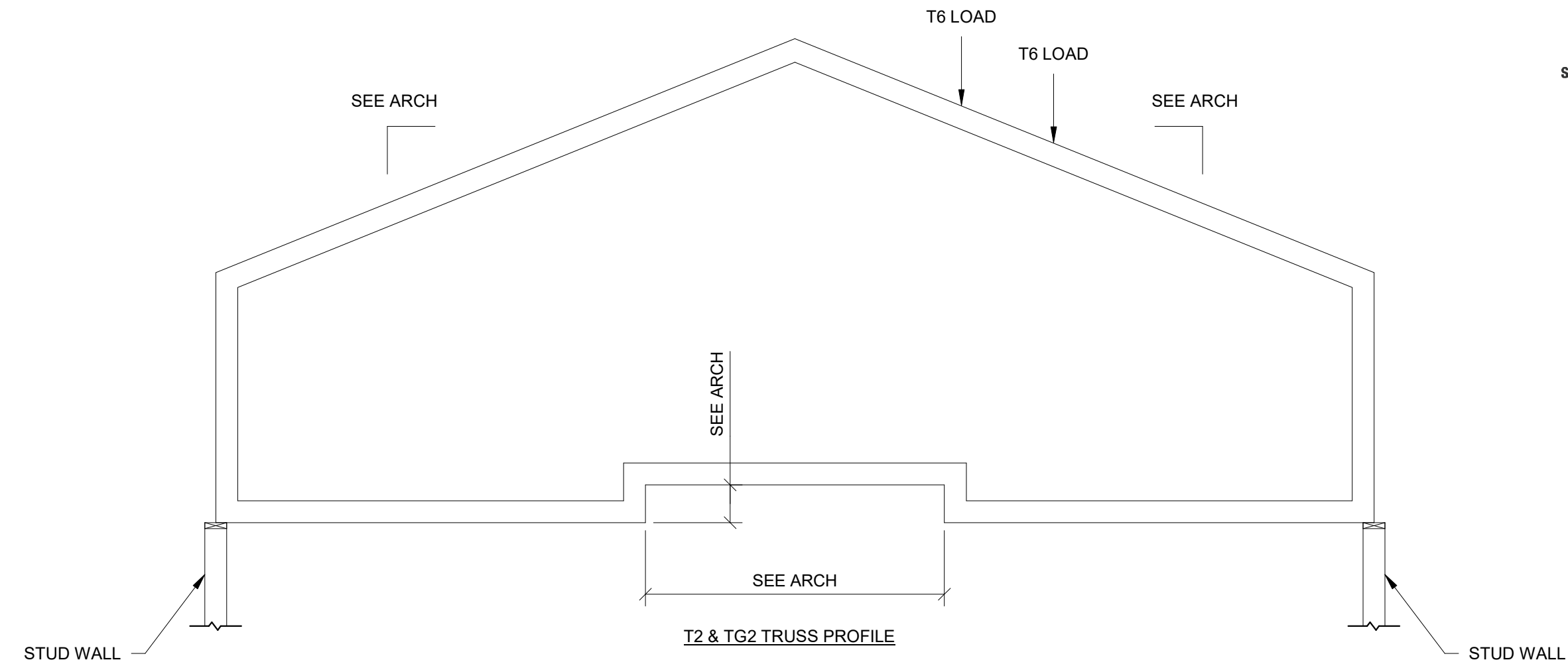
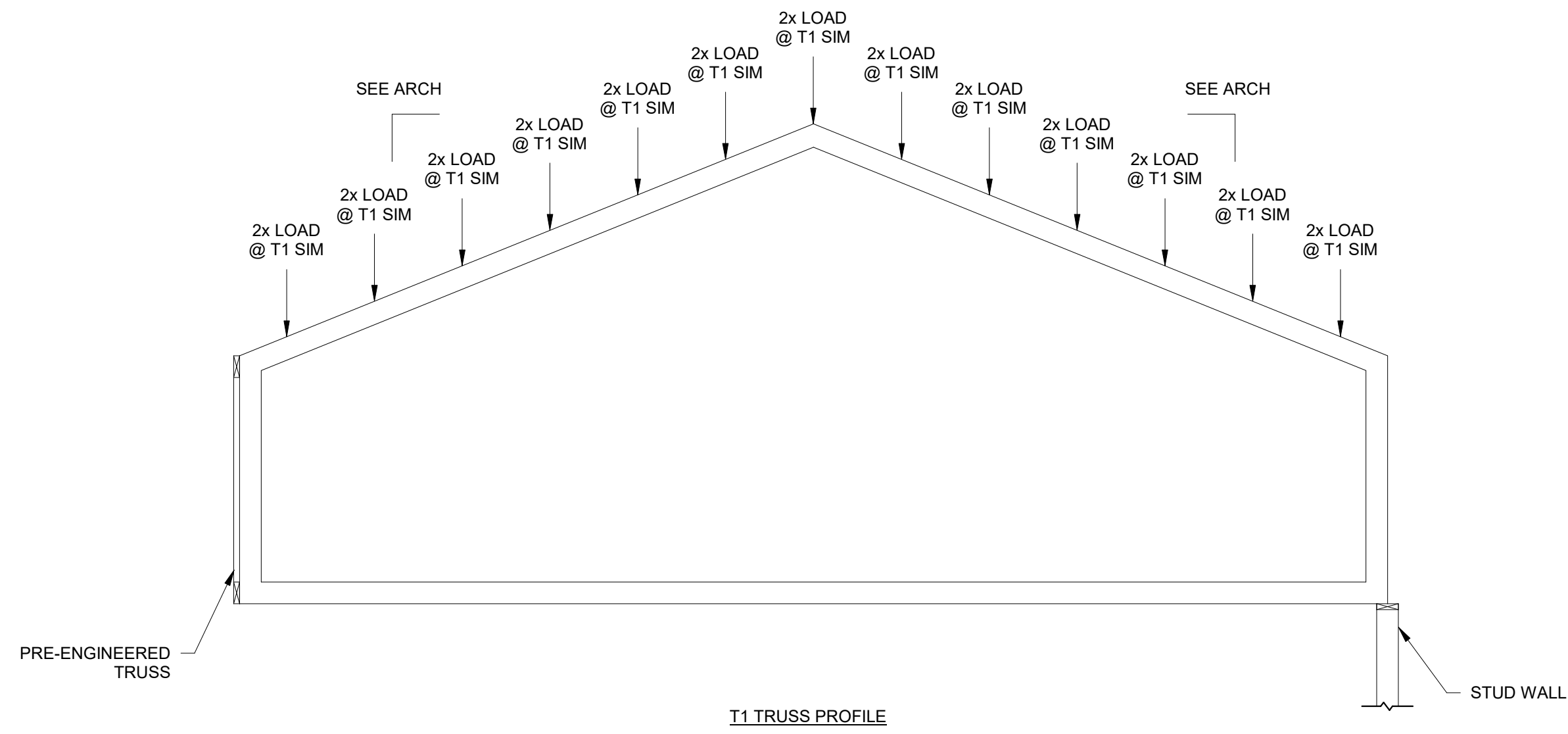
No.	Date	Description

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DATE July 02, 2018  
PROJECT NUMBER 1816000.000

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**ROOF TRUSS  
PROFILES**

SHEET NUMBER  
**S6-03**



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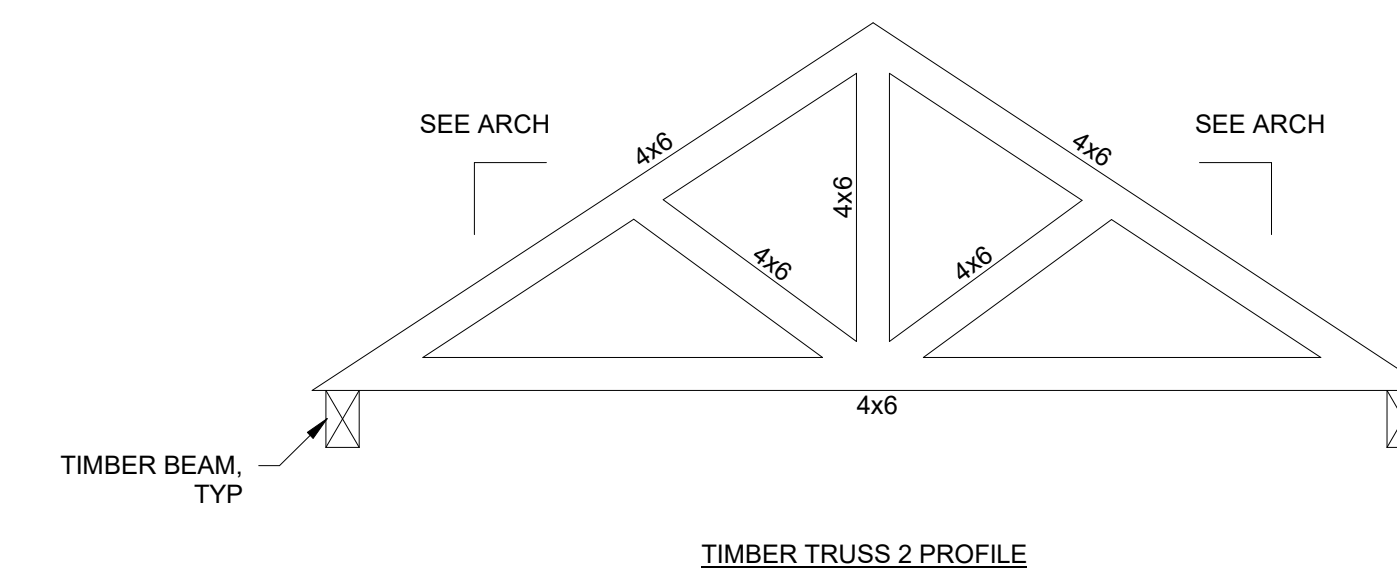
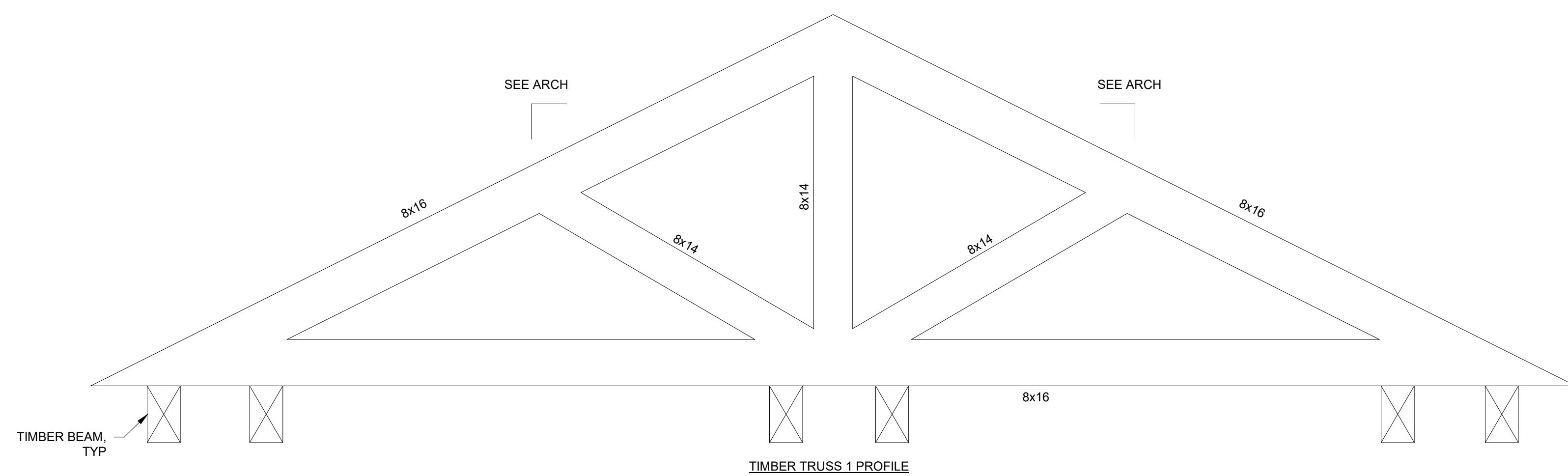
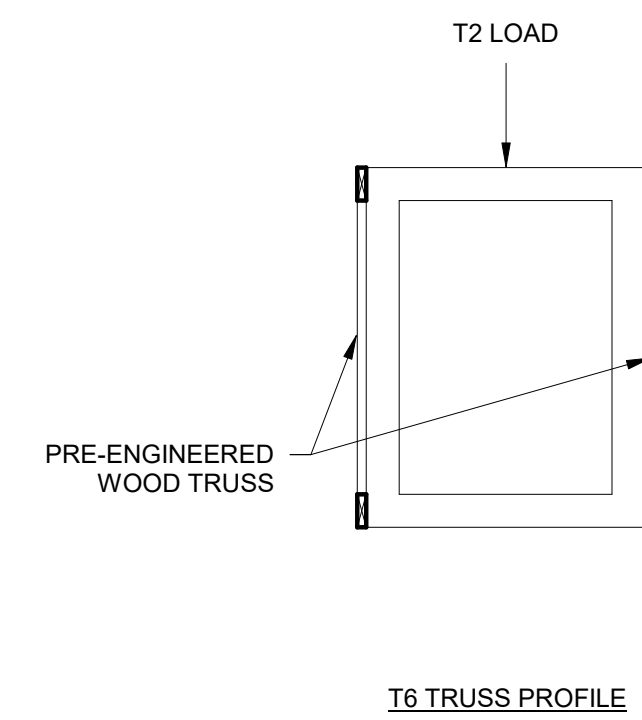
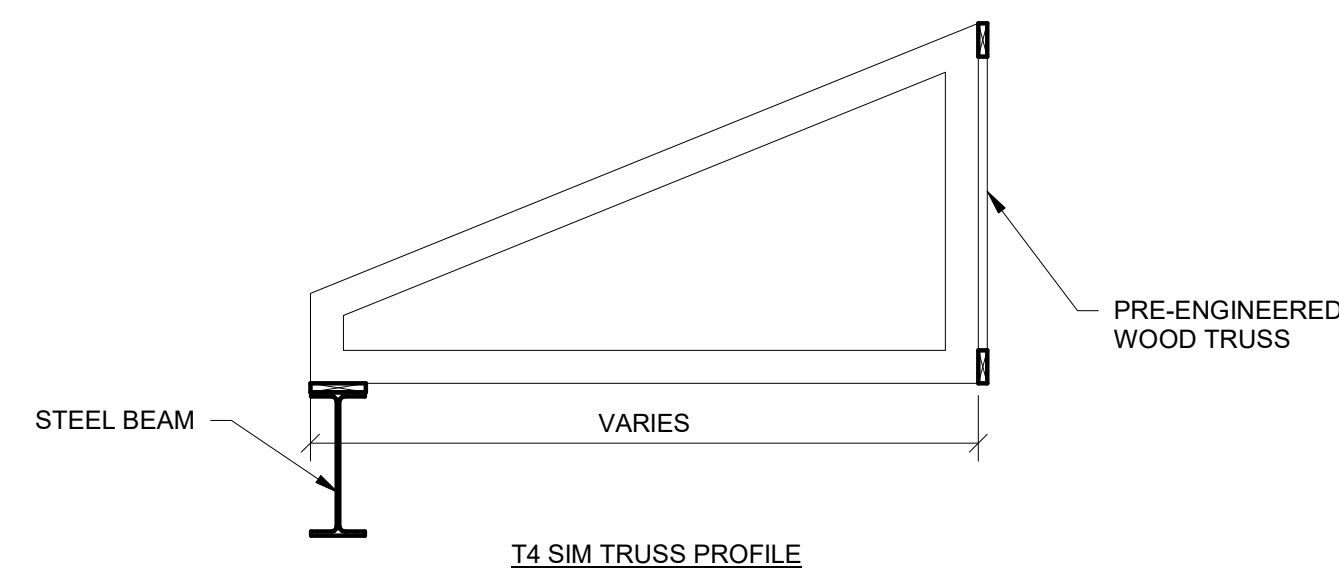
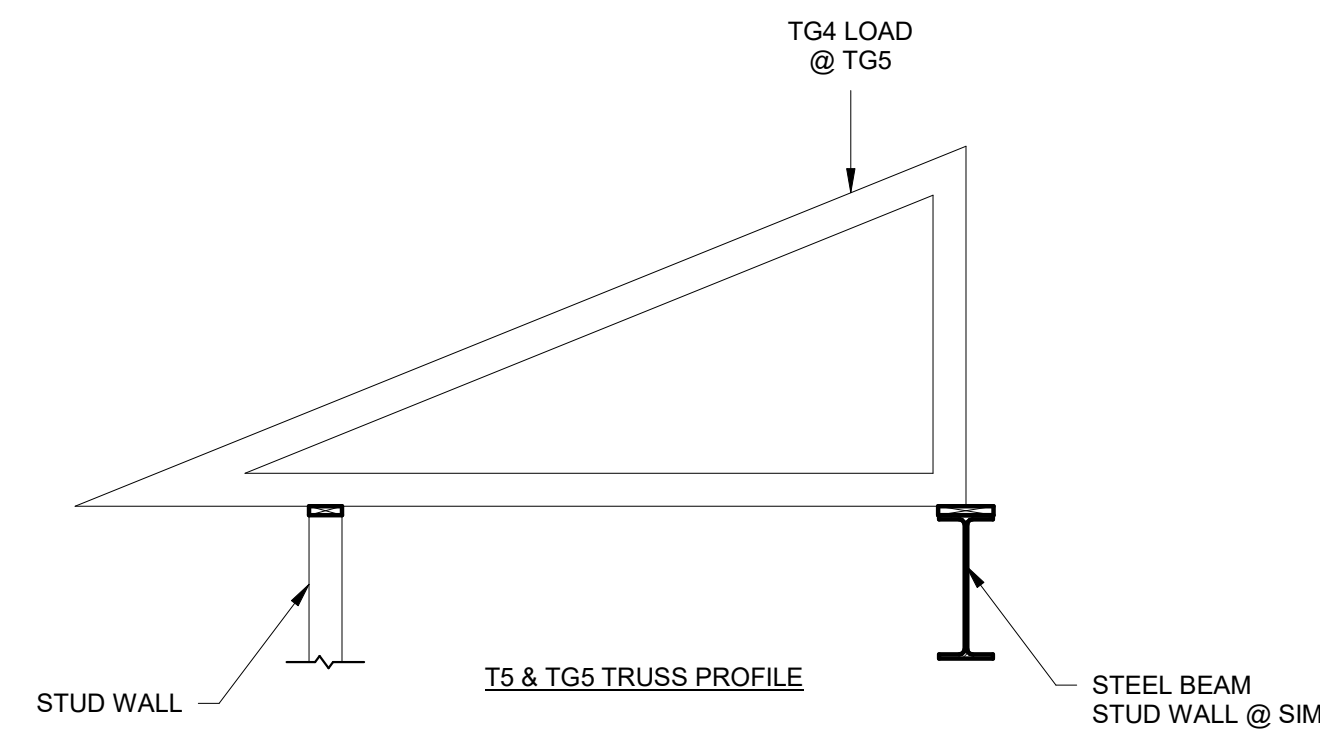
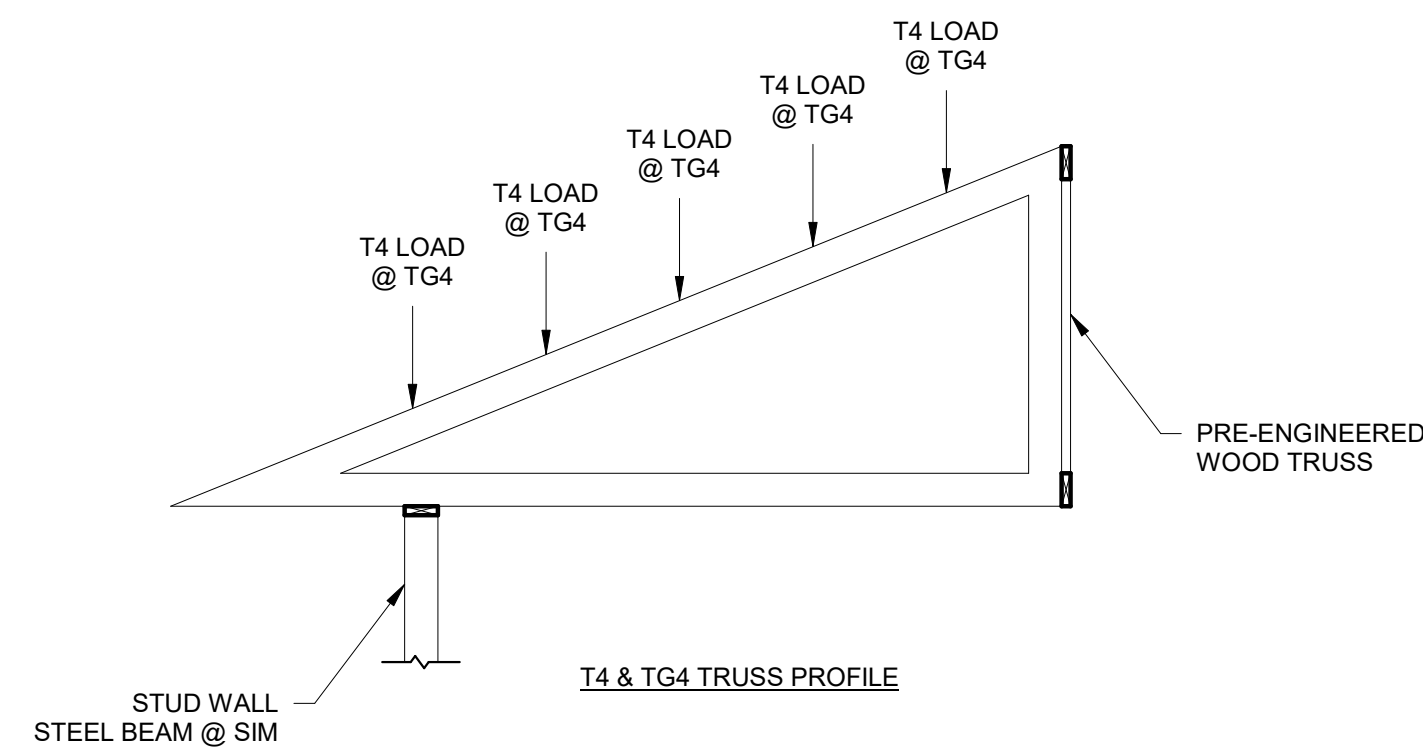
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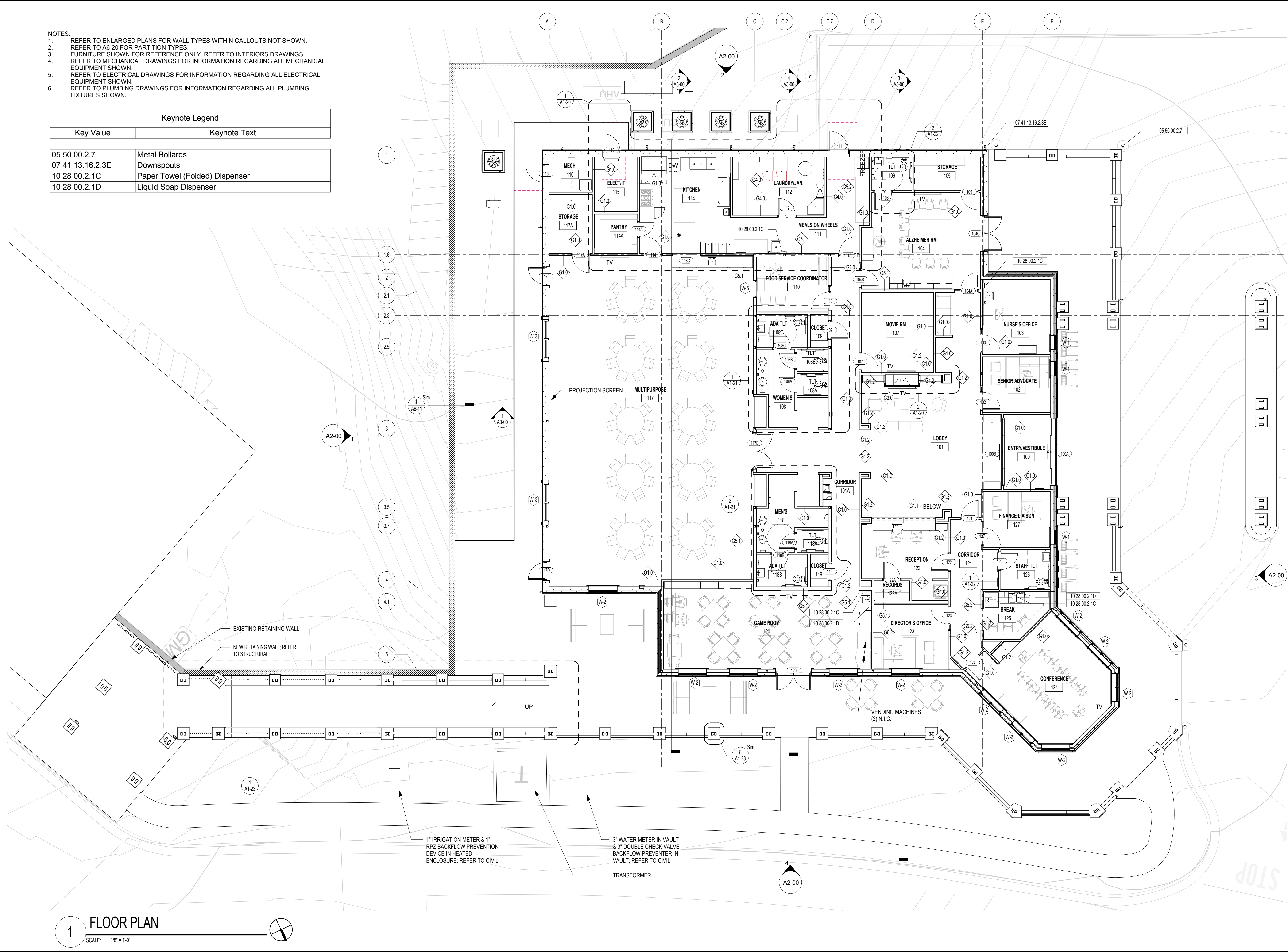
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 FILENAME: C:\Users\skander\Documents\My Recent Projects\201718 16000000 Dawson Senior Center\XAM-JUS skander.rvt

- NOTES:
- REFER TO ENLARGED PLANS FOR WALL TYPES WITHIN CALLOUTS NOT SHOWN.
  - REFER TO A6-20 FOR PARTITION TYPES.
  - FURNITURE SHOWN FOR REFERENCE ONLY. REFER TO INTERIORS DRAWINGS.
  - REFER TO MECHANICAL DRAWINGS FOR INFORMATION REGARDING ALL MECHANICAL EQUIPMENT SHOWN.
  - REFER TO ELECTRICAL DRAWINGS FOR INFORMATION REGARDING ALL ELECTRICAL EQUIPMENT SHOWN.
  - REFER TO PLUMBING DRAWINGS FOR INFORMATION REGARDING ALL PLUMBING FIXTURES SHOWN.

Keynote Legend	
Key Value	Keynote Text
05 50 00.2.7	Metal Bollards
07 41 13.16.2.3E	Downspouts
10 28 00.2.1C	Paper Towel (Folded) Dispenser
10 28 00.2.1D	Liquid Soap Dispenser



**1 FLOOR PLAN**  
 SCALE: 1/8" = 1'-0"

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2019-03-08	GRANT REVIEW DOCUMENTS	

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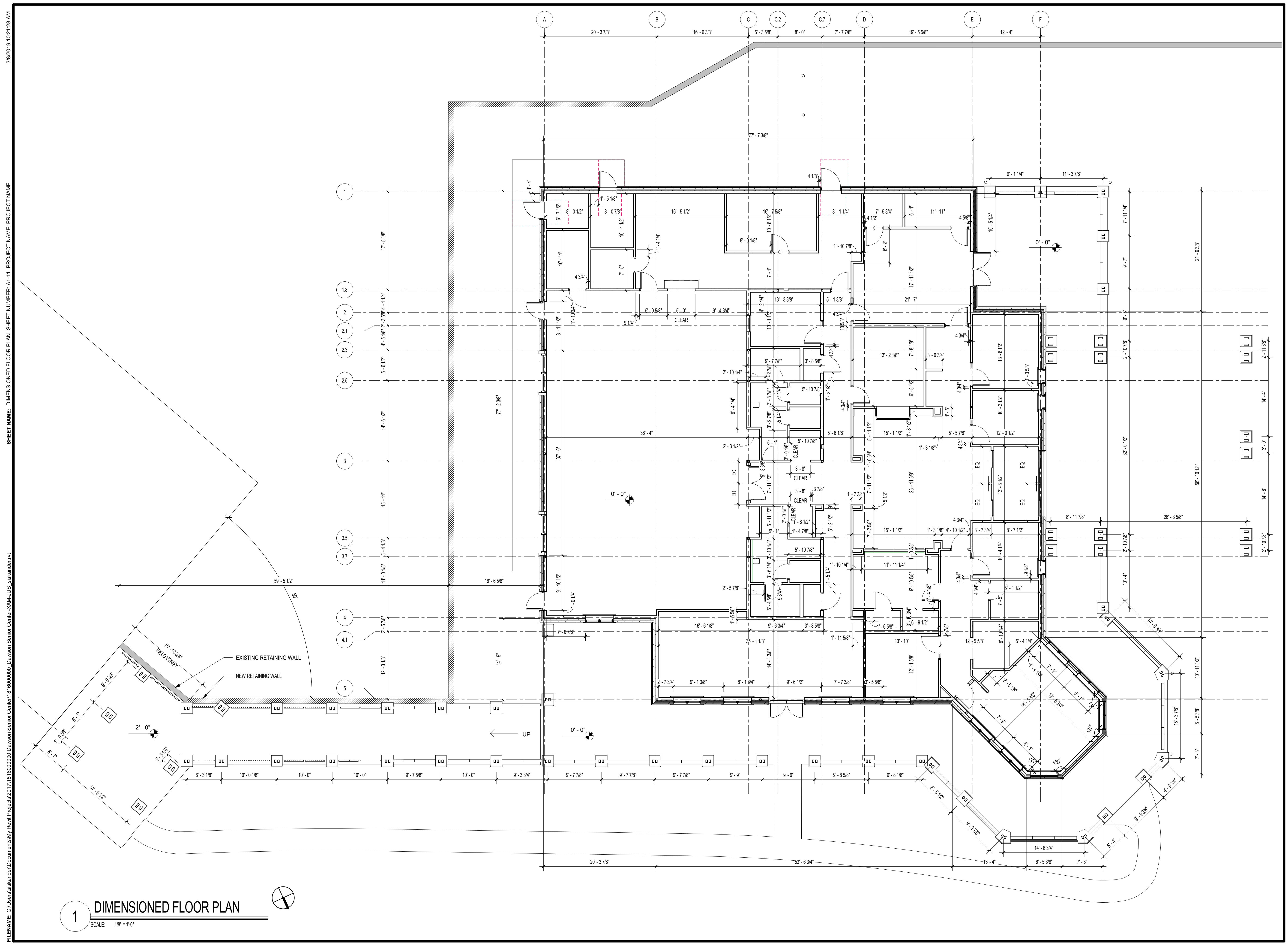
DATE February 04, 2019

PROJECT NUMBER 1816000.000

SHEET TITLE  
**REFERENCE FLOOR PLAN**

SHEET NUMBER  
**A1-10**

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PROJECT NUMBER 1816000.000

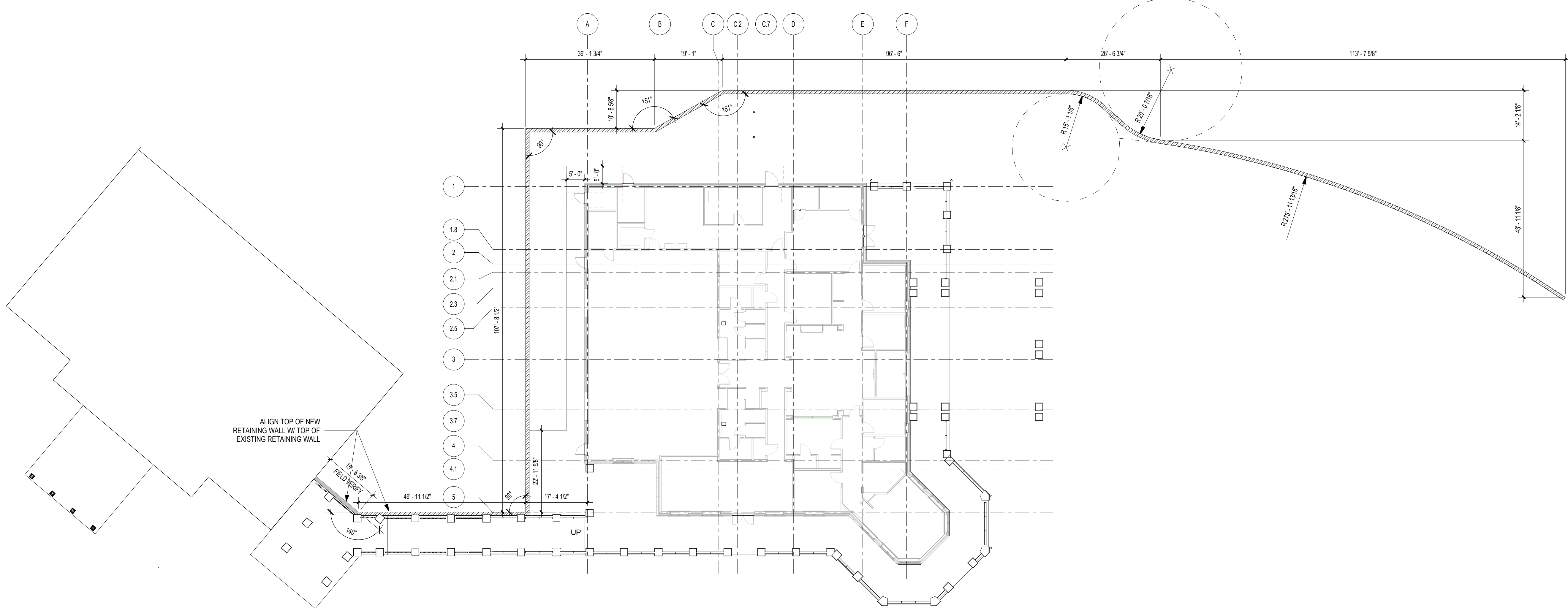
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**DIMENSIONED FLOOR PLAN**

SHEET NUMBER  
**A1-11**

**1** DIMENSIONED FLOOR PLAN  
 SCALE: 1/8" = 1'-0"

3/8/2019 10:21:30 AM  
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FILENAME: C:\Users\stander\Documents\My Recent Projects\2017\1816000000 Dawson Senior Center-XAM-JUS-stander.rvt

NOTE: REFER TO STRUCTURAL FOR FURTHER DETAILS REGARDING RETAINING WALL.



**1** DIMENSIONED PLAN - EXTERIOR ELEMENTS  
SCALE: 1/16" = 1'-0"

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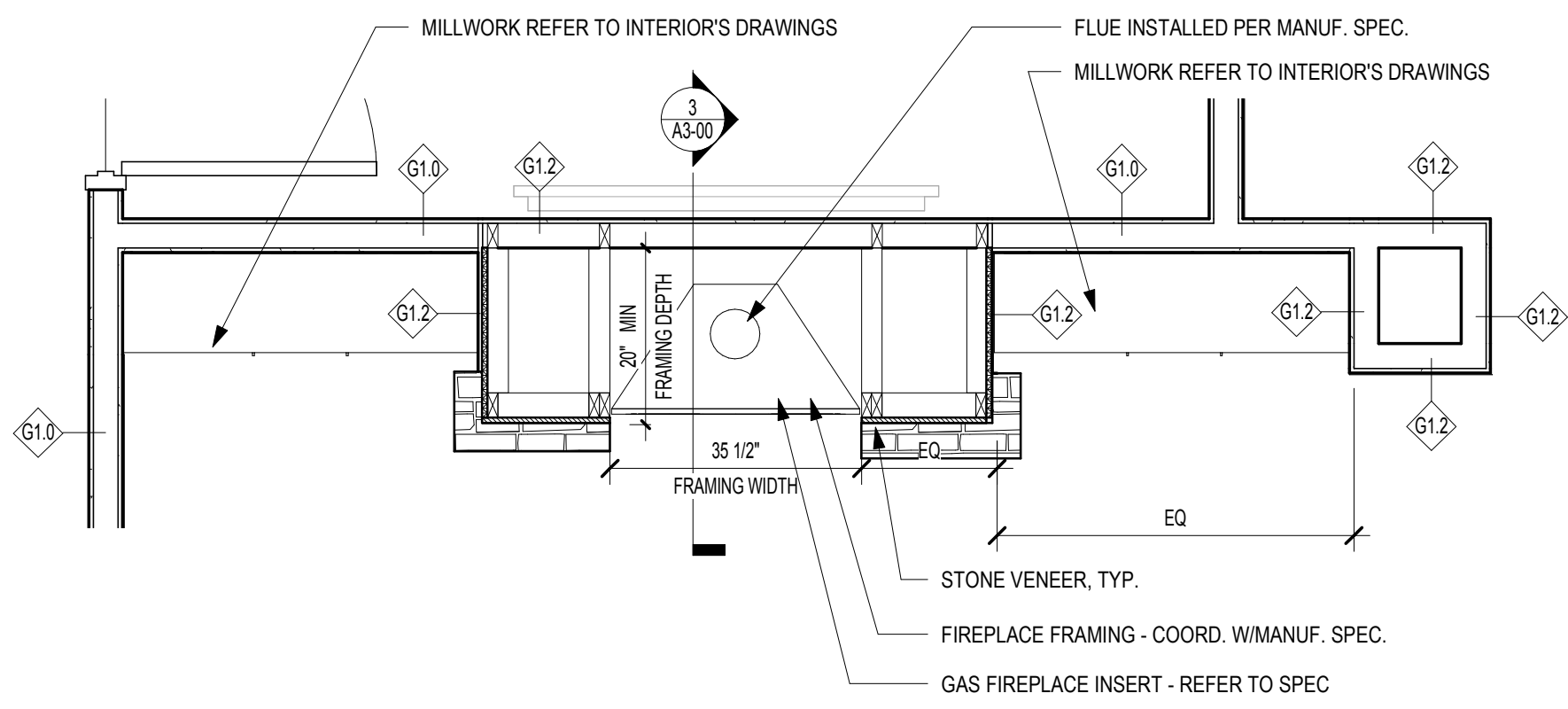
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EXTERIOR ELEMENTS**

SHEET NUMBER  
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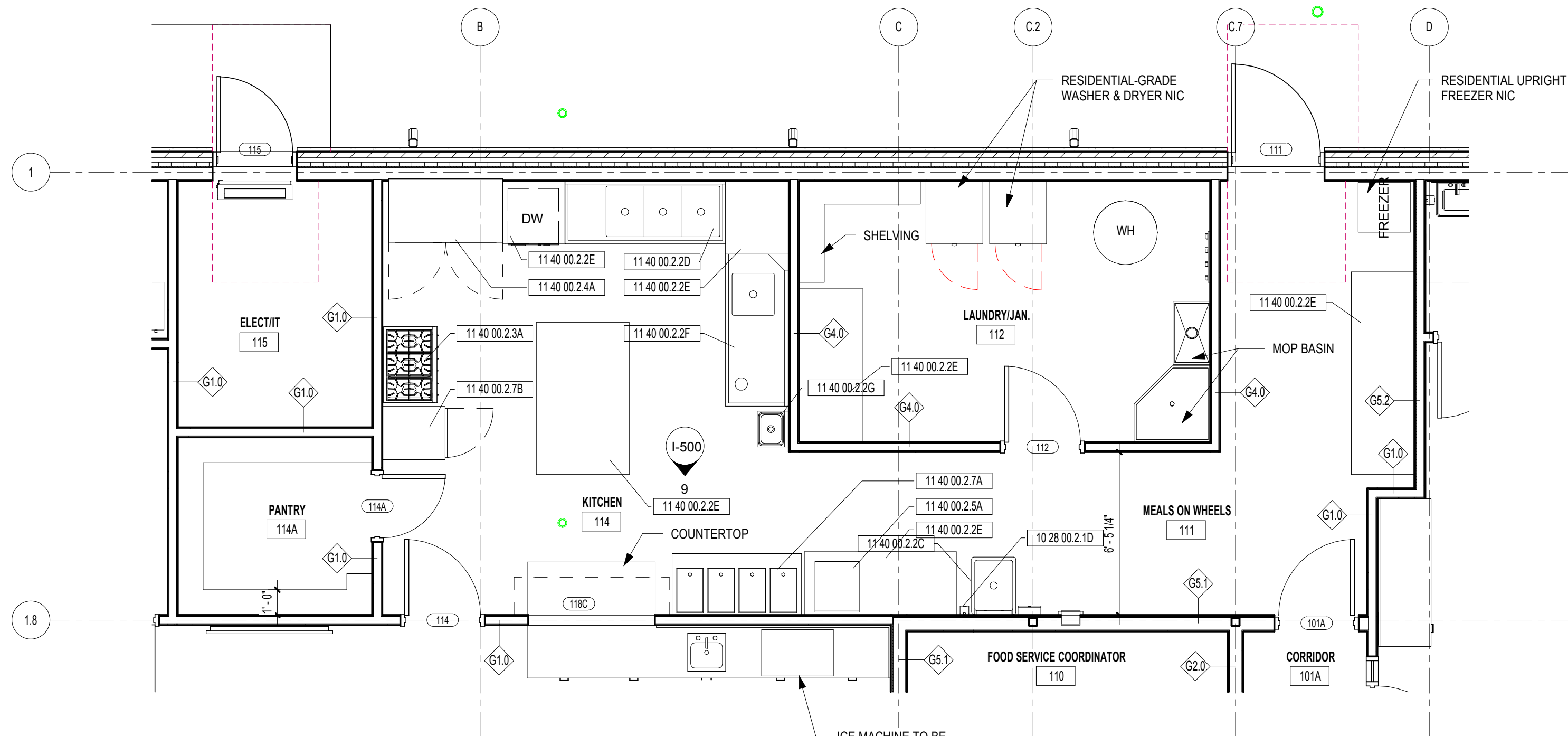


KITCHEN EQUIPMENT LEGEND	
Spec Section	Description
10 28 00.2.1D	Liquid Soap Dispenser
11 40 00.2.2C	Vegetable Sink
11 40 00.2.2D	Three-compartment Sink
11 40 00.2.2E	Stainless Steel Prep Table
11 40 00.2.2F	Stainless Steel Dish Table
11 40 00.2.2G	Stainless Steel Hand Sink
11 40 00.2.3A	Six-Burner Gas Range
11 40 00.2.4A	Commercial Refrigerator
11 40 00.2.5A	Food Tray Sealer
11 40 00.2.7A	4-well Hot Food Table
11 40 00.2.7B	Heated Holding Cabinet

NOTES:  
1. REFER TO A6-20 FOR PARTITION TYPES.



**2** ENLARGED PLAN - FIREPLACE  
SCALE: 1/2" = 1'-0"



**1** ENLARGED KITCHEN PLAN  
SCALE: 1/4" = 1'-0"



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No.	Date	Description

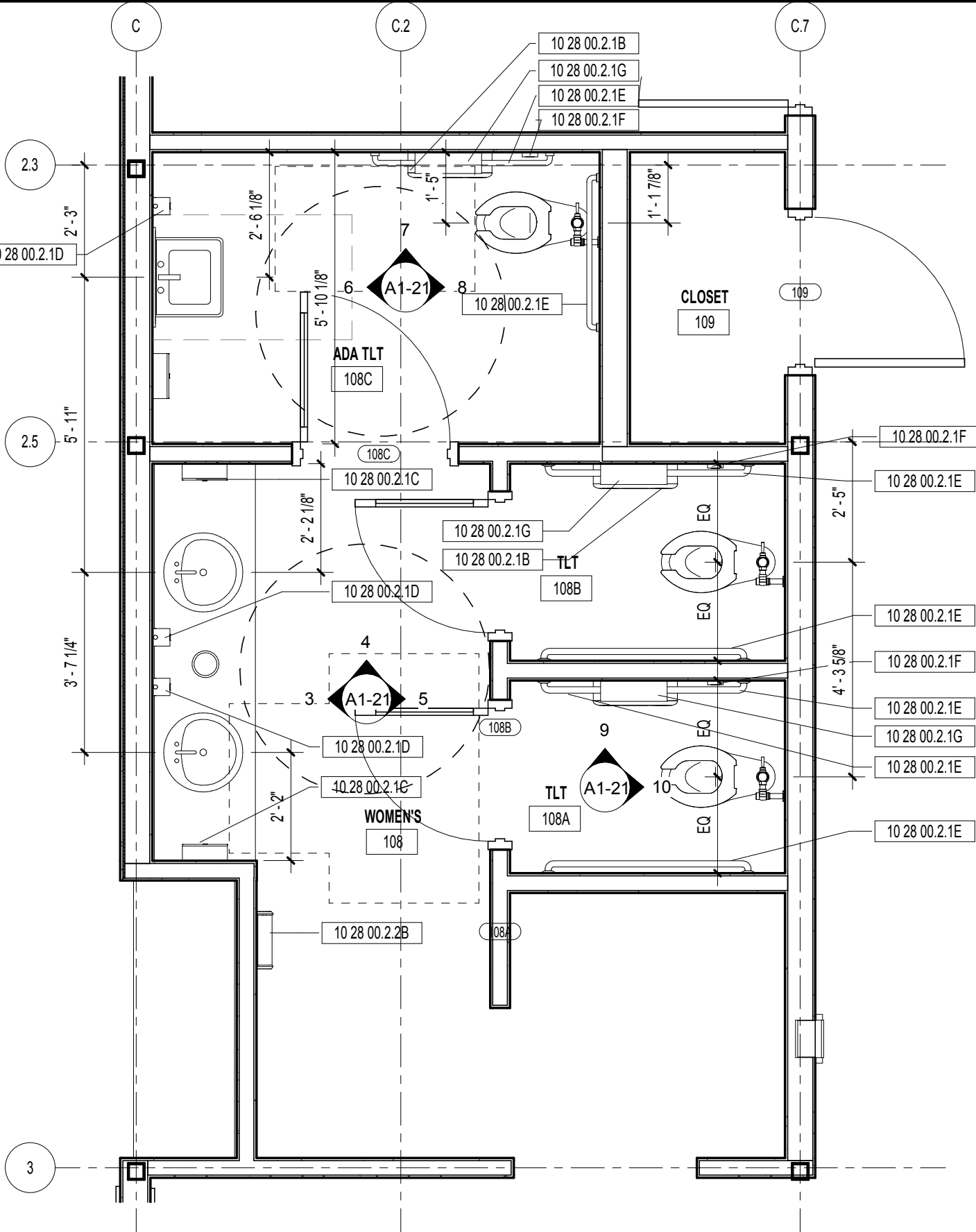
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DATE February 04, 2019  
PROJECT NUMBER 1816000.000

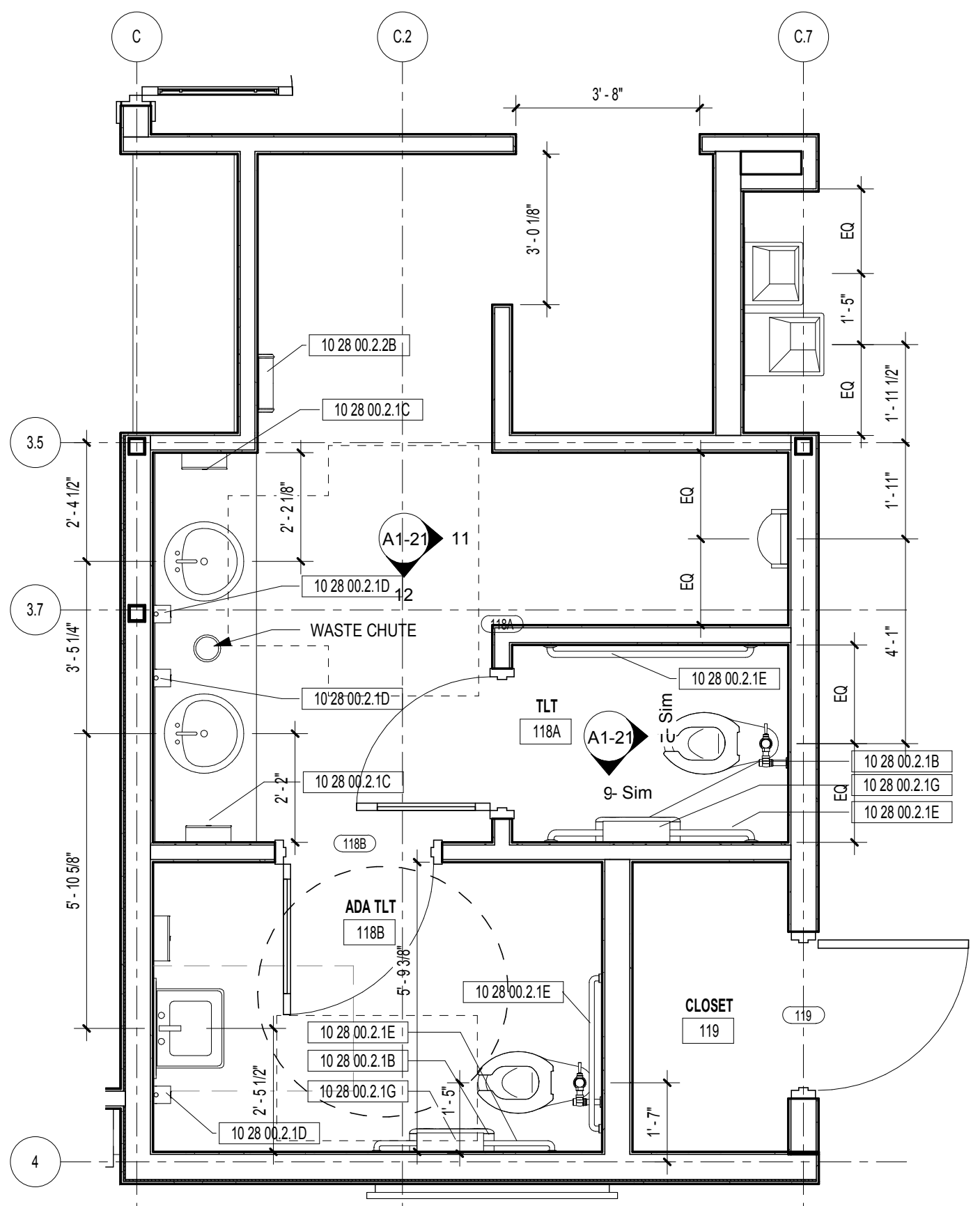
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**ENLARGED PLANS**

SHEET NUMBER  
**A1-20**

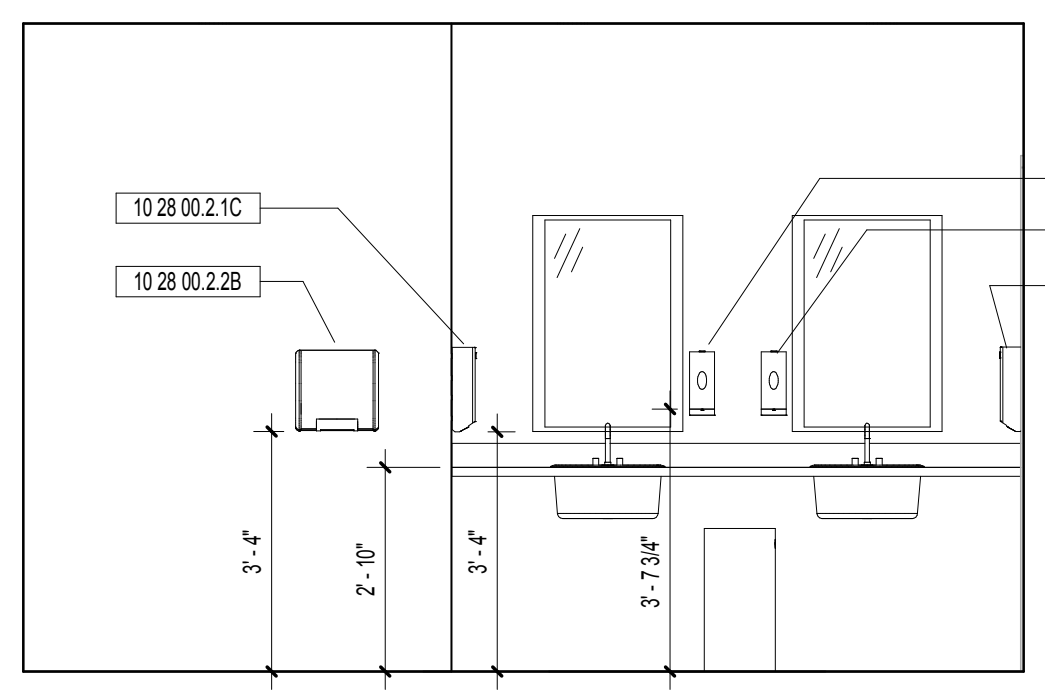
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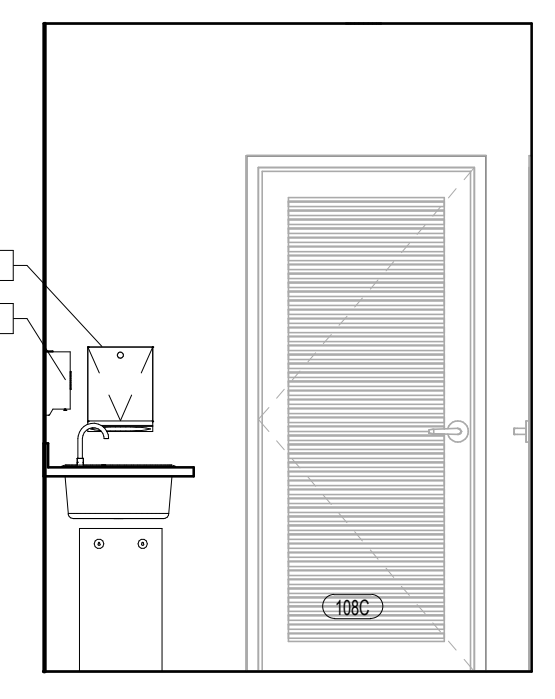
**1 ENLARGED FLOOR PLAN - WOMEN'S RESTROOM 108**  
 SCALE: 3/8" = 1'-0"



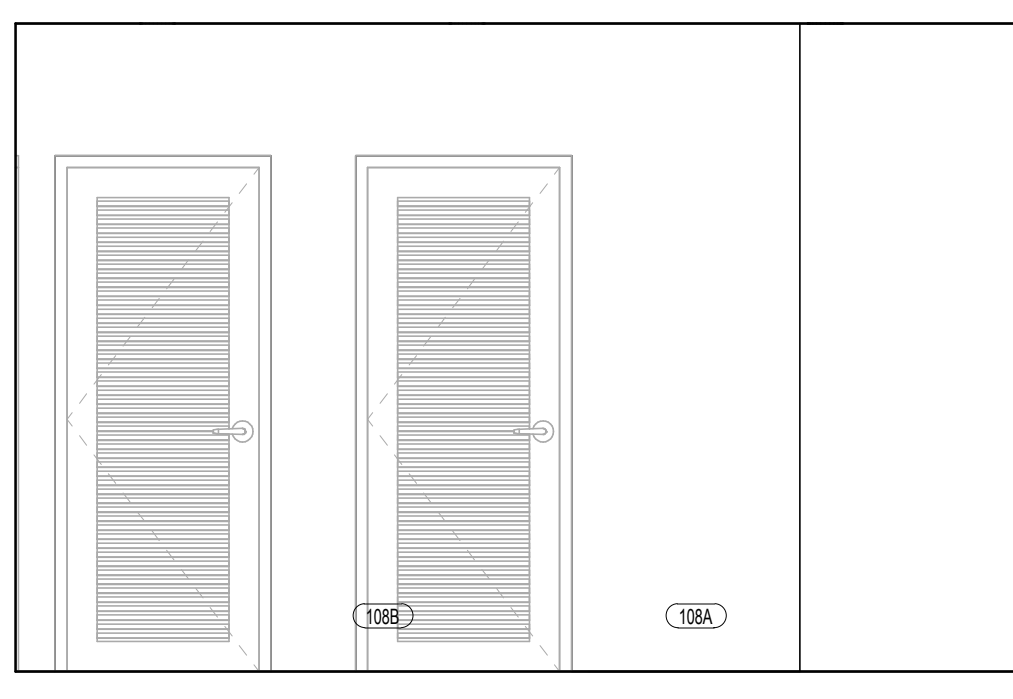
**2 ENLARGED FLOOR PLAN - MEN'S RESTROOM 118**  
 SCALE: 3/8" = 1'-0"



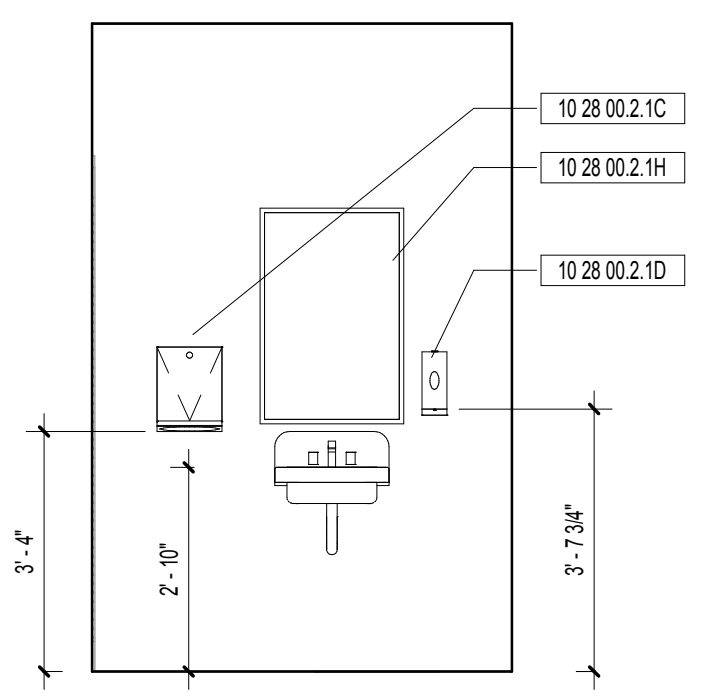
**3 ELEVATION A - 108**  
 SCALE: 3/8" = 1'-0"



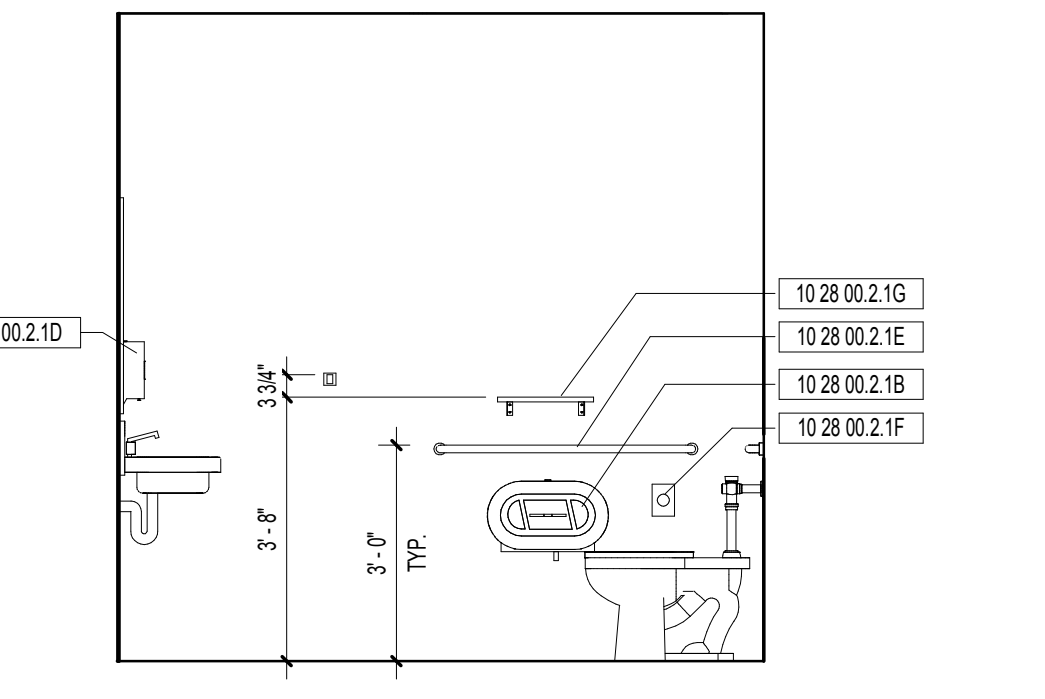
**4 ELEVATION B - 108**  
 SCALE: 3/8" = 1'-0"



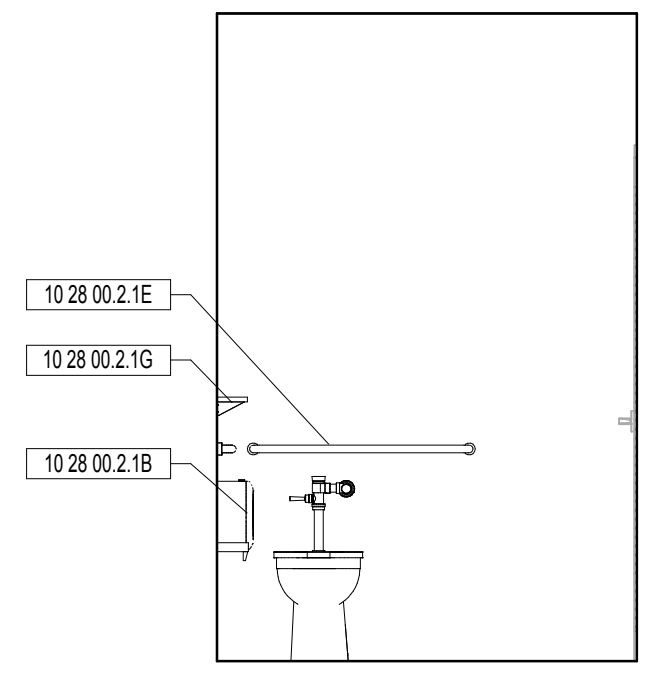
**5 ELEVATION C - 108**  
 SCALE: 3/8" = 1'-0"



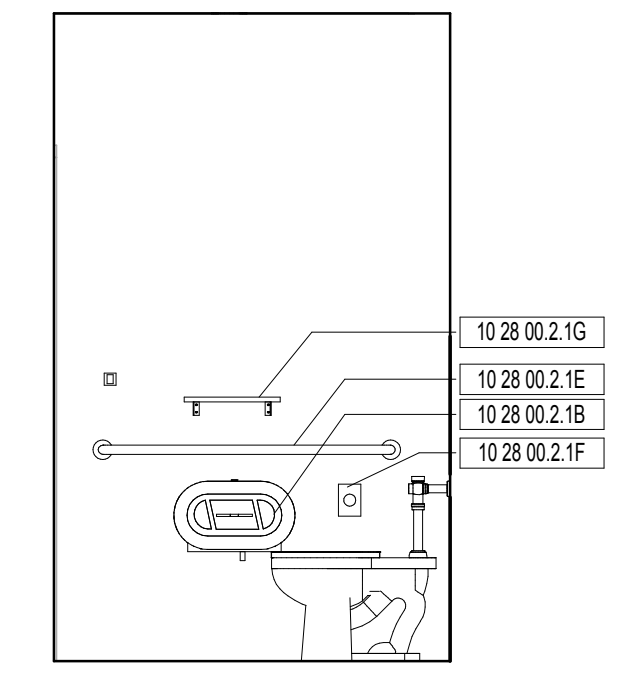
**6 ELEVATION D - 108C**  
 SCALE: 3/8" = 1'-0"



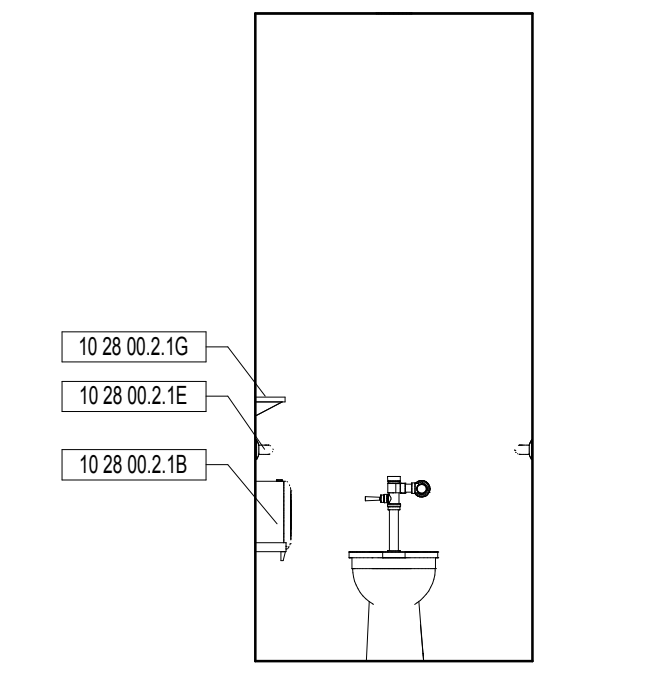
**7 ELEVATION E - 108C**  
 SCALE: 3/8" = 1'-0"



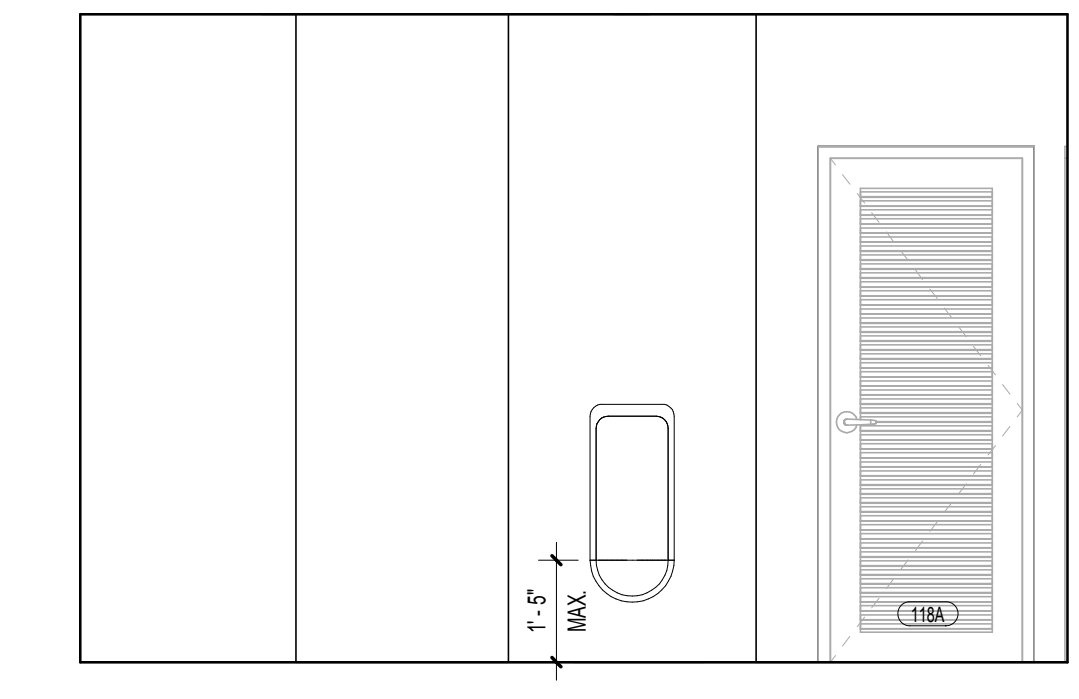
**8 ELEVATION F - 108C**  
 SCALE: 3/8" = 1'-0"



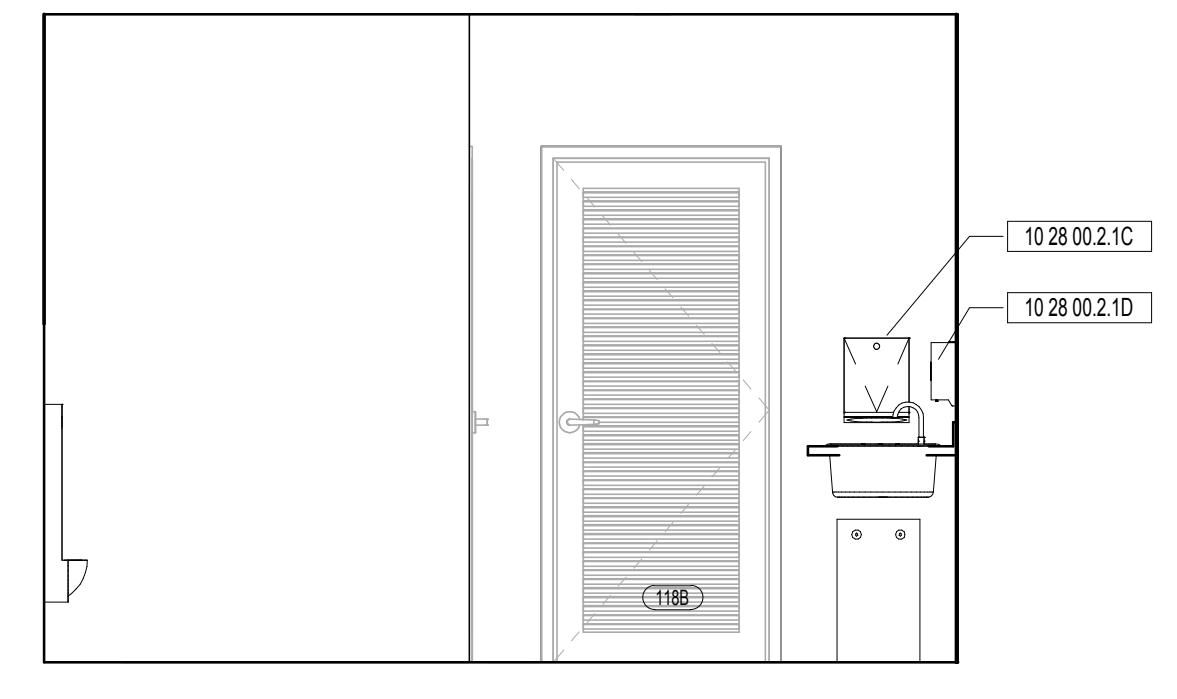
**9 ELEVATION G - 108A**  
 SCALE: 3/8" = 1'-0"



**10 ELEVATION H - 108A**  
 SCALE: 3/8" = 1'-0"



**11 ELEVATION A - 118**  
 SCALE: 3/8" = 1'-0"



**12 ELEVATION B - 118**  
 SCALE: 3/8" = 1'-0"

- NOTES:  
 1. REFER TO INTERIORS DRAWINGS FOR FINISHES & MILLWORK DETAILS.  
 2. REFER TO G0-02 FOR TYPICAL MOUNTING HEIGHTS.  
 3. REFER TO A6-20 FOR PARTITION TYPES.

RESTROOM ACCESSORY LEGEND	
Spec Section	Description
10 28 00.2.1B	Toilet Tissue Dispenser
10 28 00.2.1C	Paper Towel (Folded) Dispenser
10 28 00.2.1D	Liquid Soap Dispenser
10 28 00.2.1E	Grab Bar
10 28 00.2.1F	Sanitary Napkin Disposal Unit
10 28 00.2.1G	Shelf
10 28 00.2.1H	Mirror
10 28 00.2.1I	Coat Hook
10 28 00.2.2B	Warm-Air Dryer

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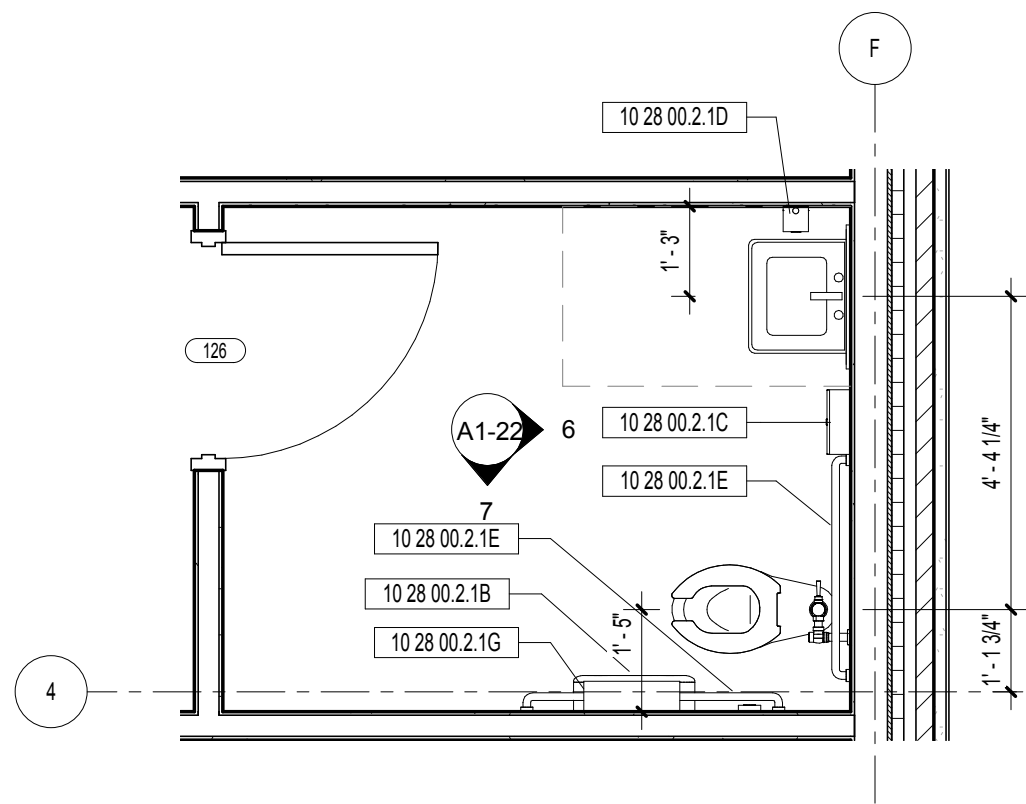
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DATE February 04, 2019

PROJECT NUMBER 1816000.000

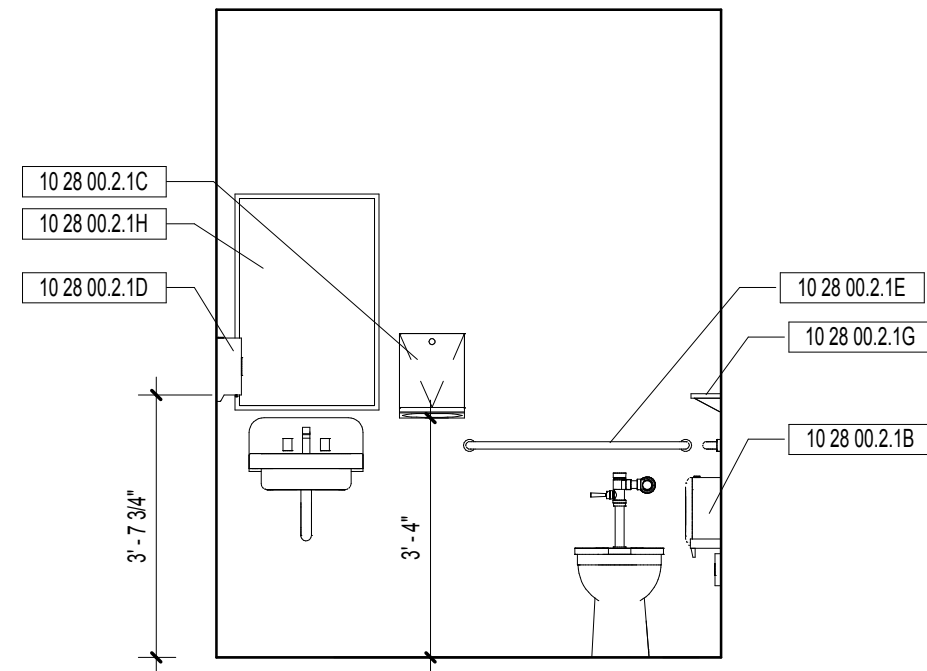
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**ENLARGED RESTROOM PLANS & ELEVATIONS**

SHEET NUMBER  
**A1-21**



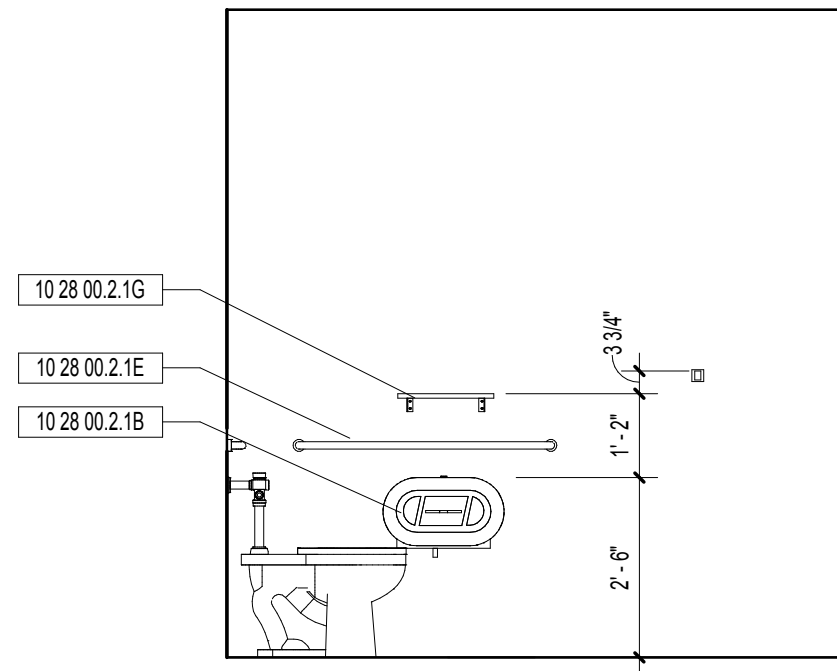
ENLARGED FLOOR PLAN - TL1

1 126  
SCALE: 3/8" = 1'-0"



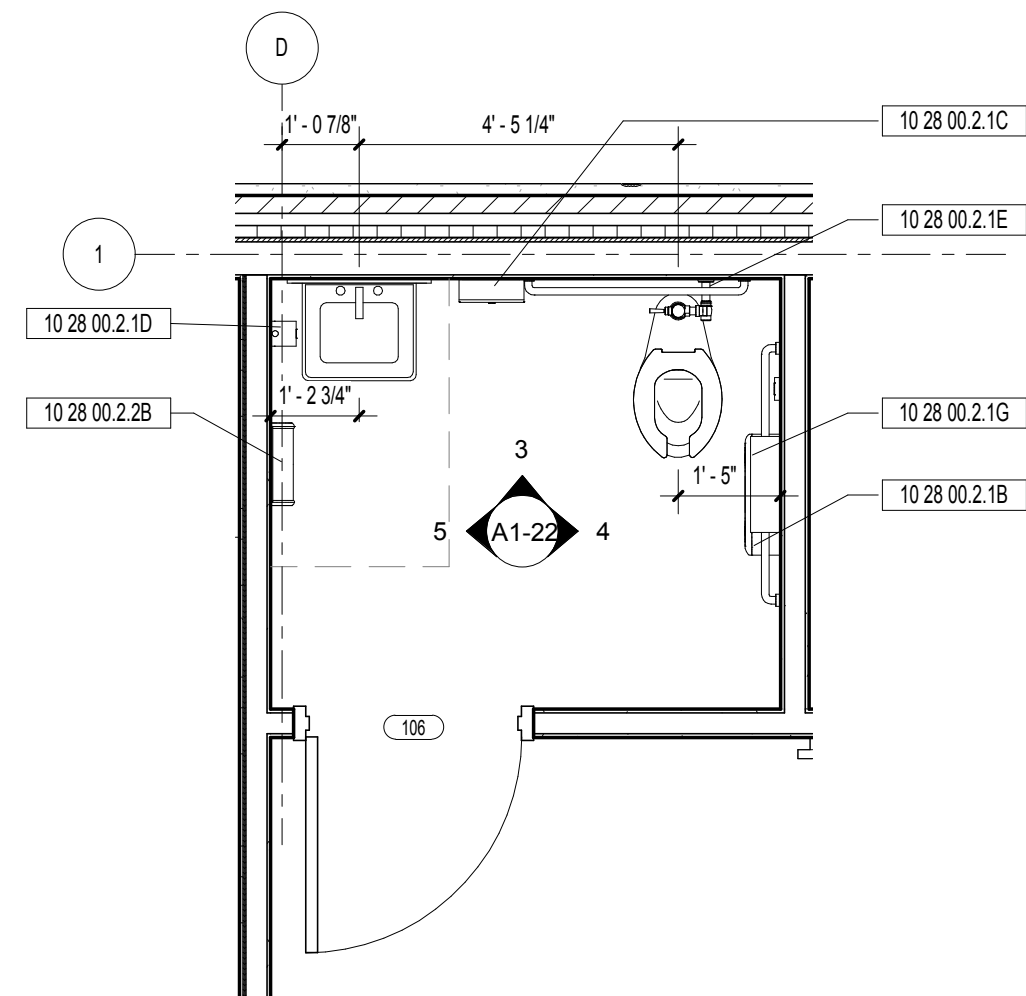
6 ELEVATION A - 126

SCALE: 3/8" = 1'-0"



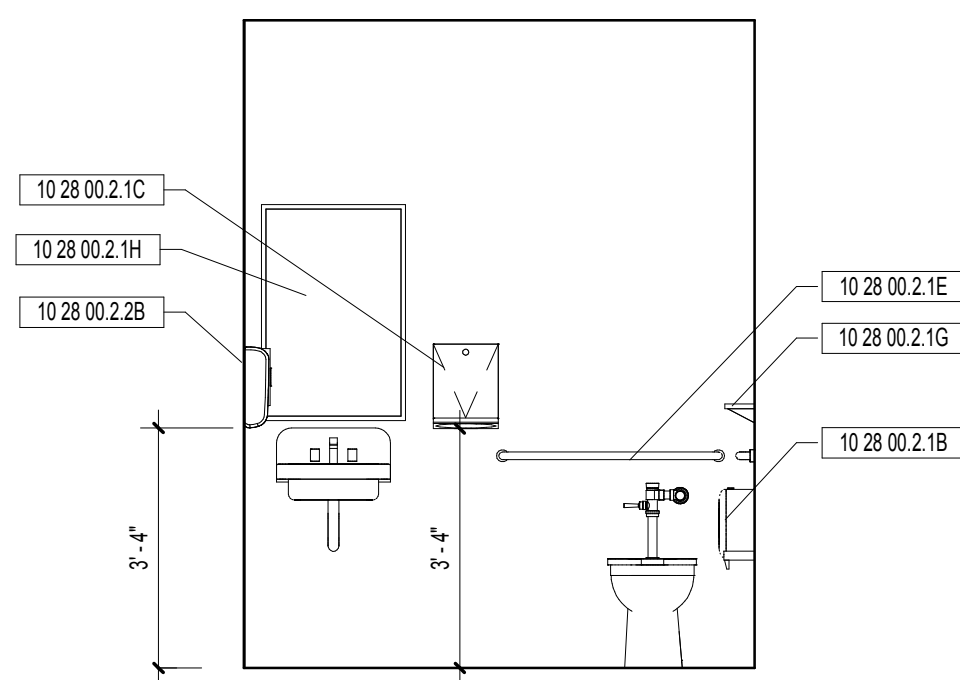
7 ELEVATION B - 126

SCALE: 3/8" = 1'-0"



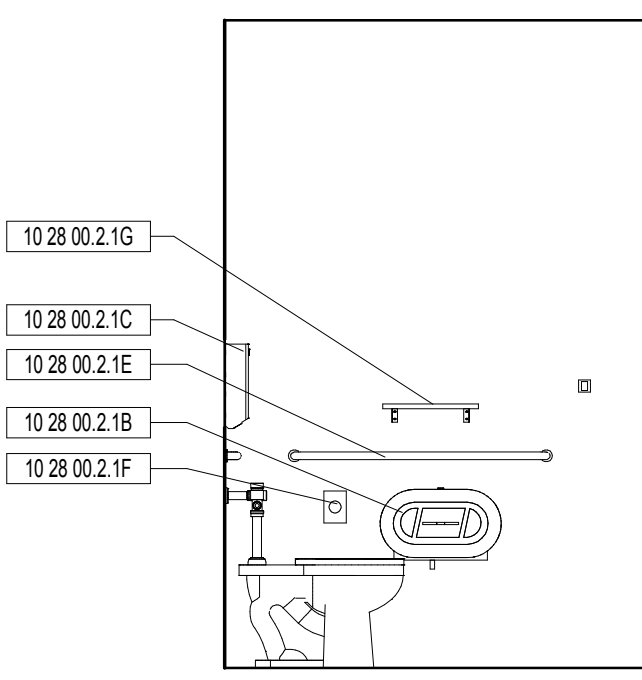
ENLARGED FLOOR PLAN - TL1

2 106  
SCALE: 3/8" = 1'-0"



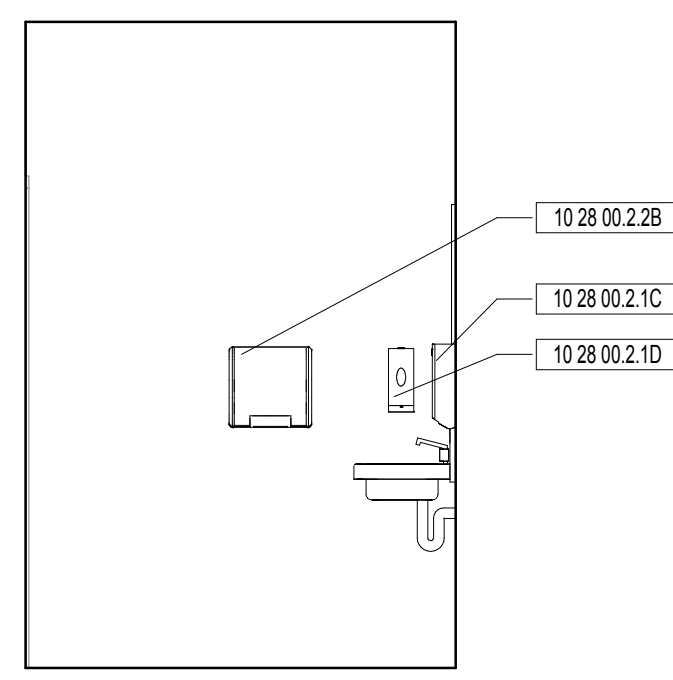
3 ELEVATION A - 106

SCALE: 3/8" = 1'-0"



4 ELEVATION B - 106

SCALE: 3/8" = 1'-0"



5 ELEVATION C - 106

SCALE: 3/8" = 1'-0"

- NOTES:  
 1. REFER TO INTERIORS DRAWINGS FOR FINISHES & MILLWORK DETAILS.  
 2. REFER TO G0-02 FOR TYPICAL MOUNTING HEIGHTS.  
 3. REFER TO A6-20 FOR PARTITION TYPES.

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Spec Section	Description
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10 28 00.2.1C	Paper Towel (Folded) Dispenser
10 28 00.2.1D	Liquid Soap Dispenser
10 28 00.2.1E	Grab Bar
10 28 00.2.1F	Sanitary Napkin Disposal Unit
10 28 00.2.1G	Shelf
10 28 00.2.1H	Mirror
10 28 00.2.1I	Coat Hook
10 28 00.2.2B	Warm-Air Dryer



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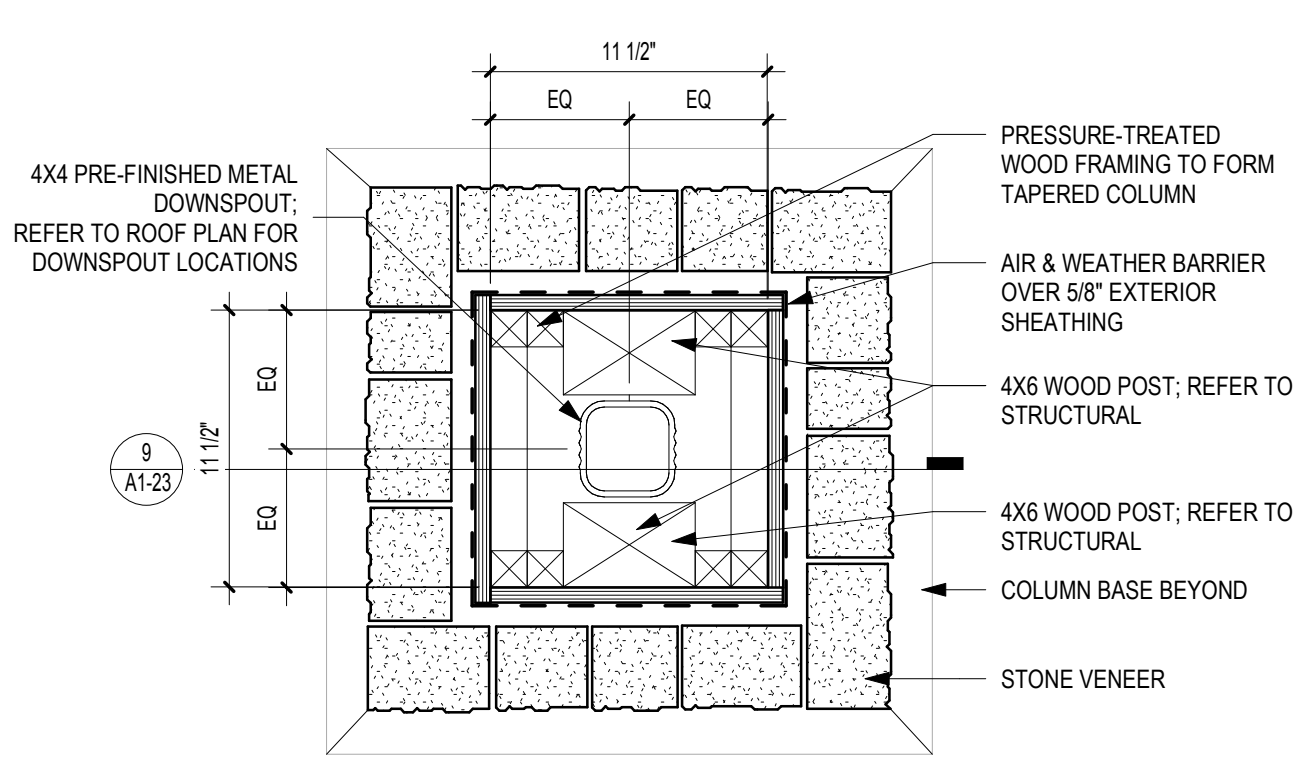
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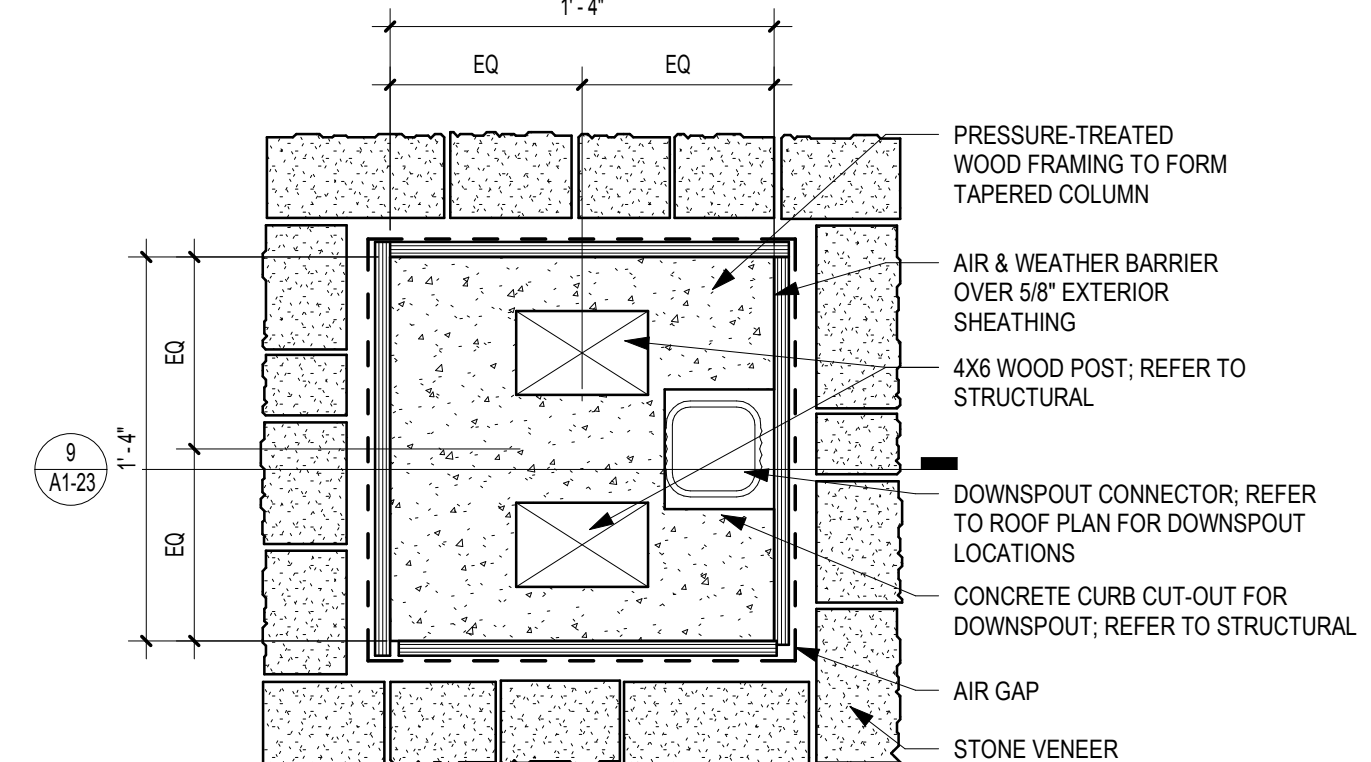
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SHEET NUMBER  
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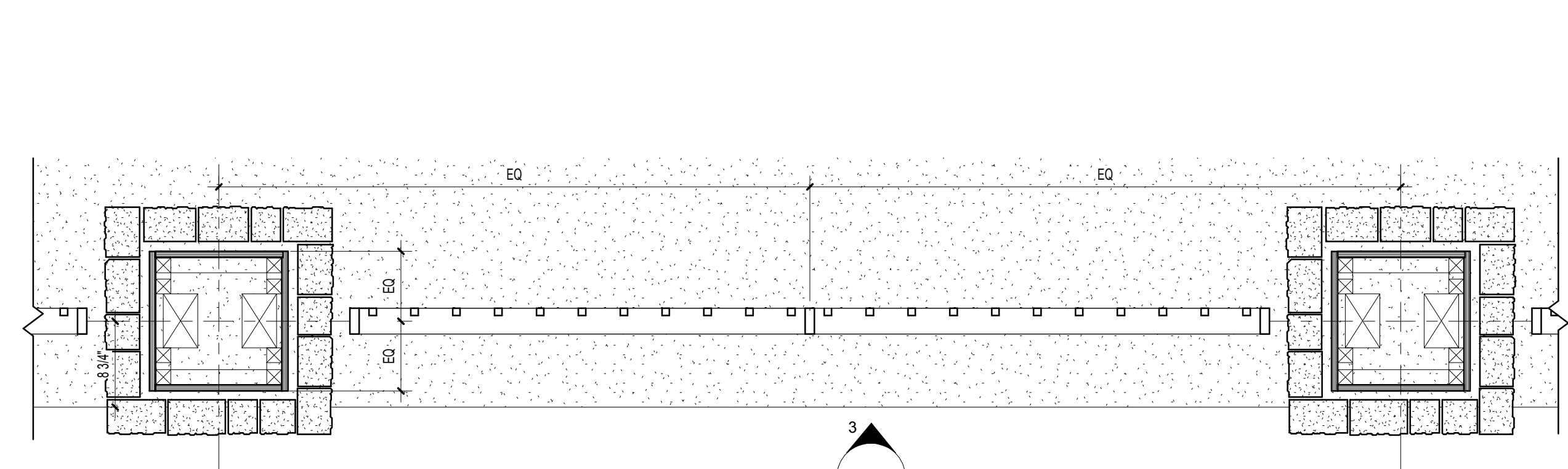
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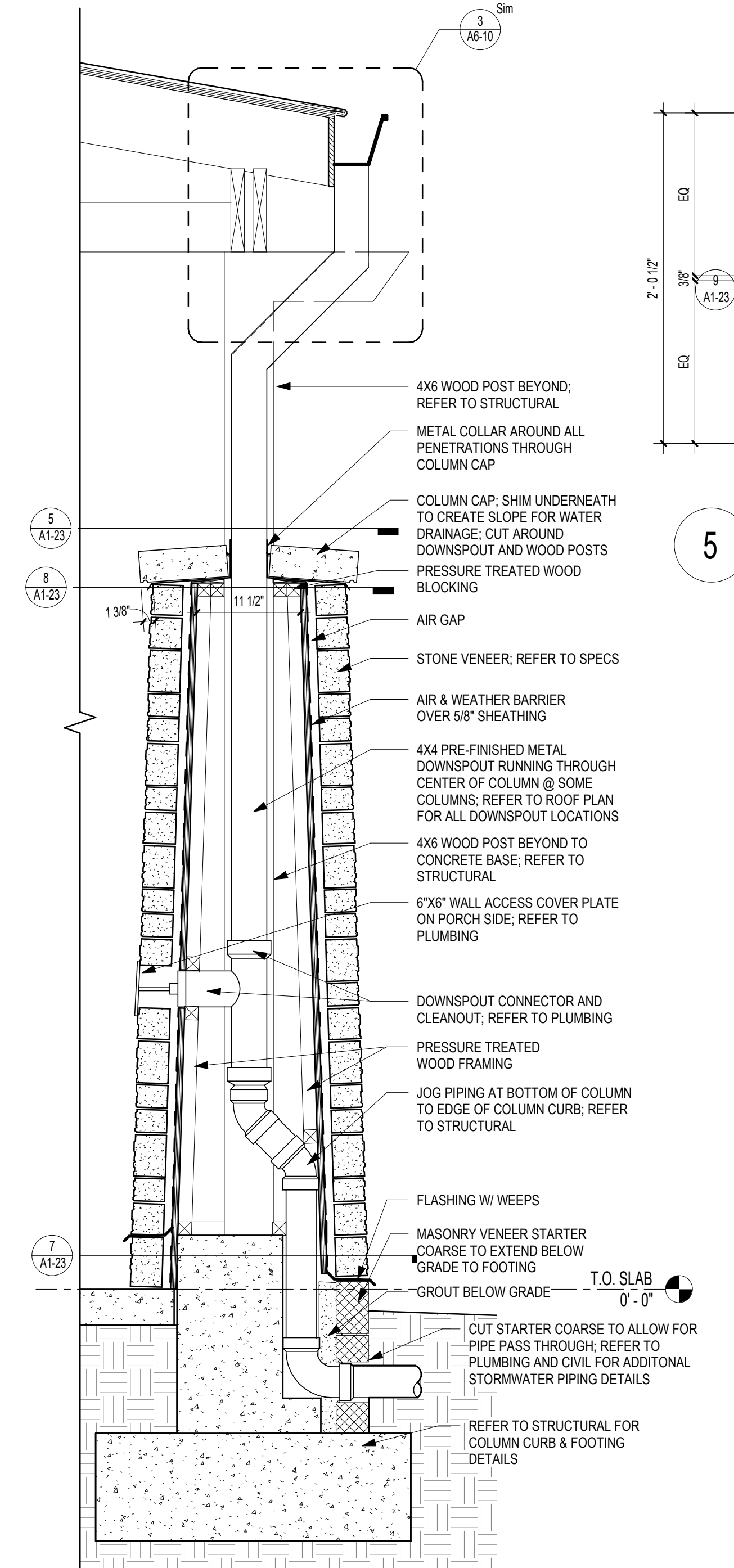
8 PORCH COLUMN @ TOP OF STONE BASE  
 SCALE: NTS



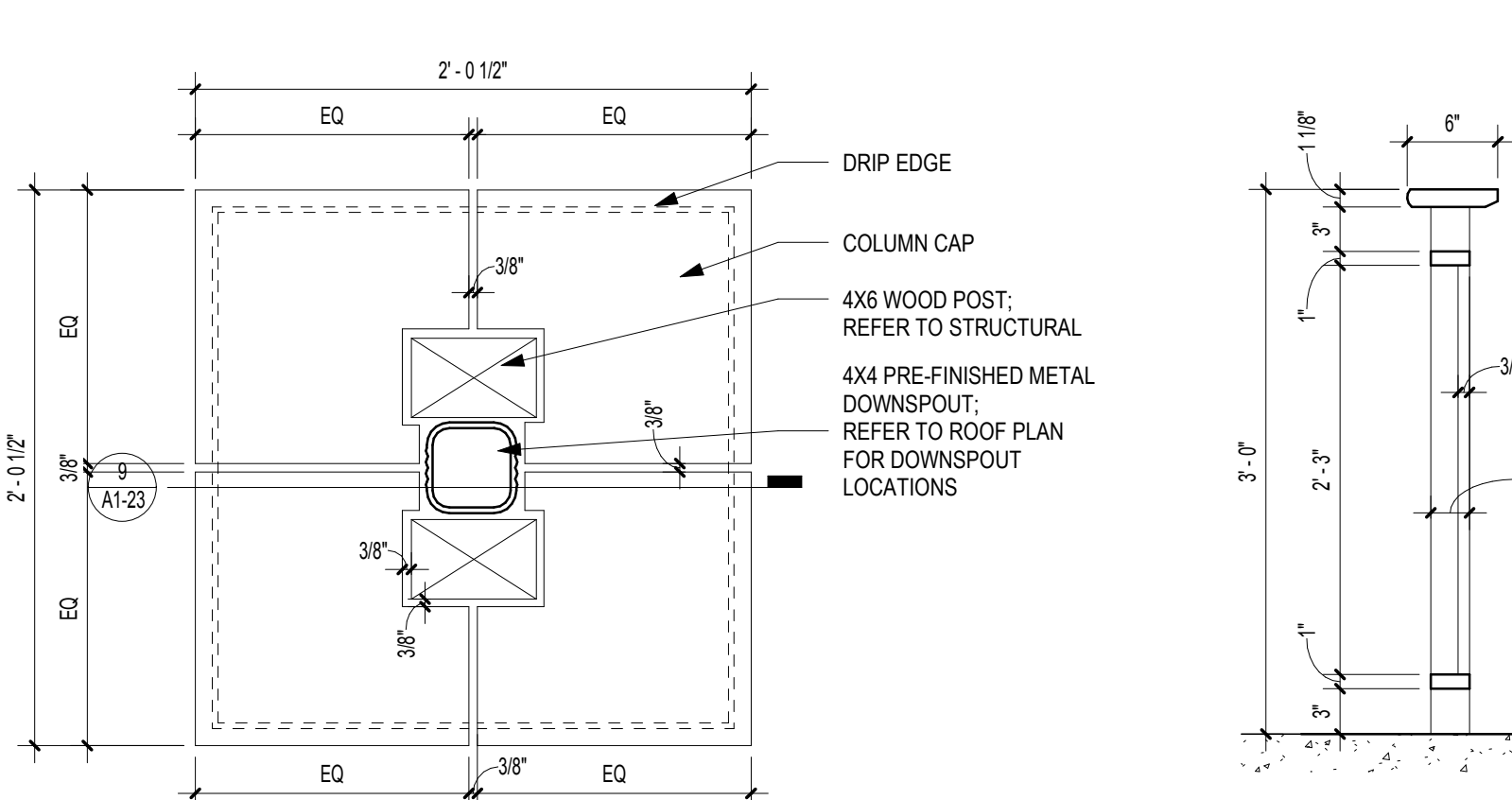
7 PORCH COLUMN @ BOTTOM OF STONE BASE  
 SCALE: 1 1/2" = 1'-0"



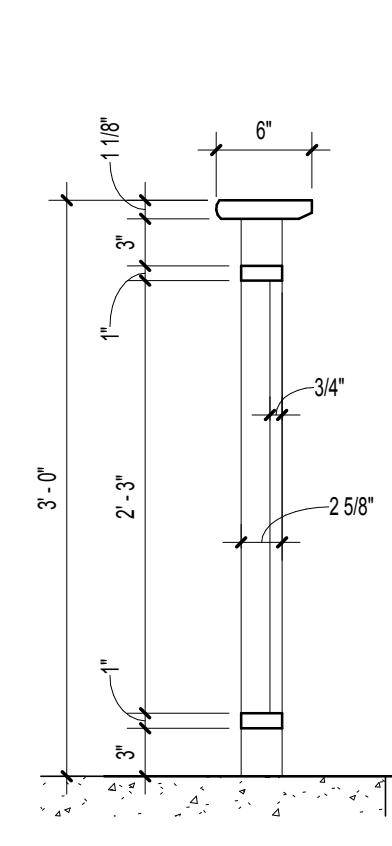
6 ENLARGED PLAN - TYPICAL HANDRAILS  
 SCALE: 1" = 1'-0"



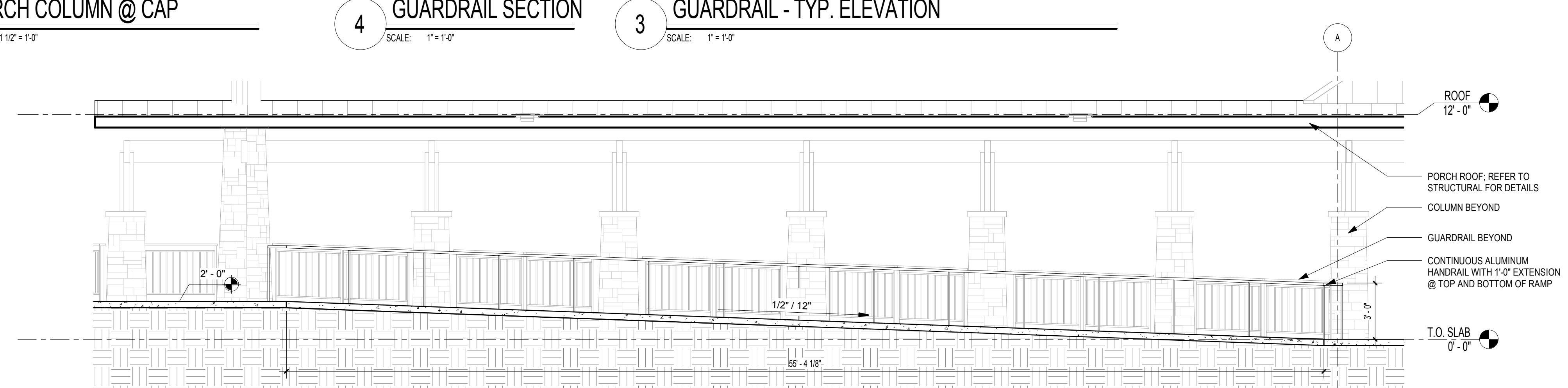
9 PORCH COLUMN SECTION  
 SCALE: 1" = 1'-0"



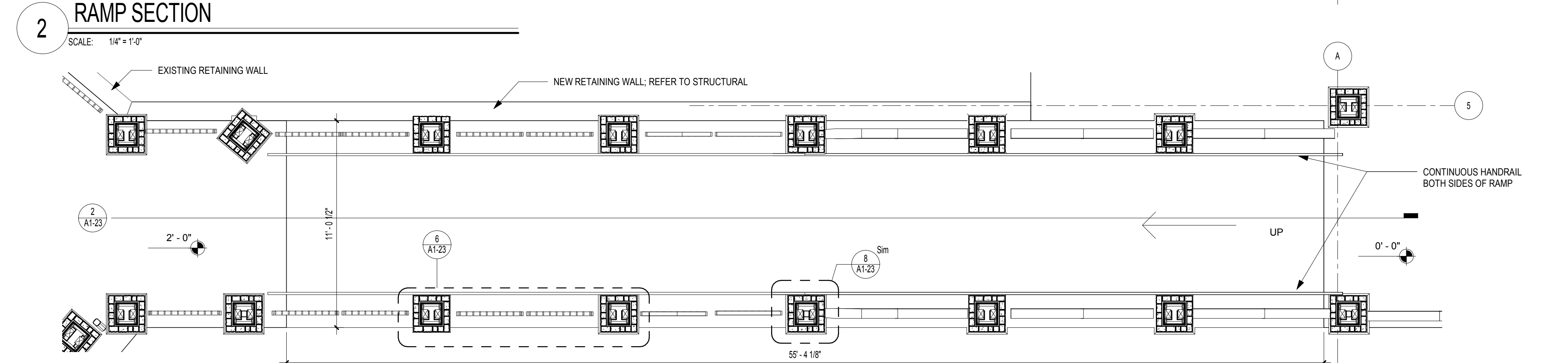
5 PORCH COLUMN @ CAP  
 SCALE: 1 1/2" = 1'-0"



4 GUARDRAIL SECTION  
 SCALE: 1" = 1'-0"



3 GUARDRAIL - TYP. ELEVATION  
 SCALE: 1" = 1'-0"



2 RAMP SECTION  
 SCALE: 1/4" = 1'-0"



1 ENLARGED RAMP PLAN  
 SCALE: 1/4" = 1'-0"

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**ENLARGED PORCH PLANS & DETAILS**

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**A1-23**



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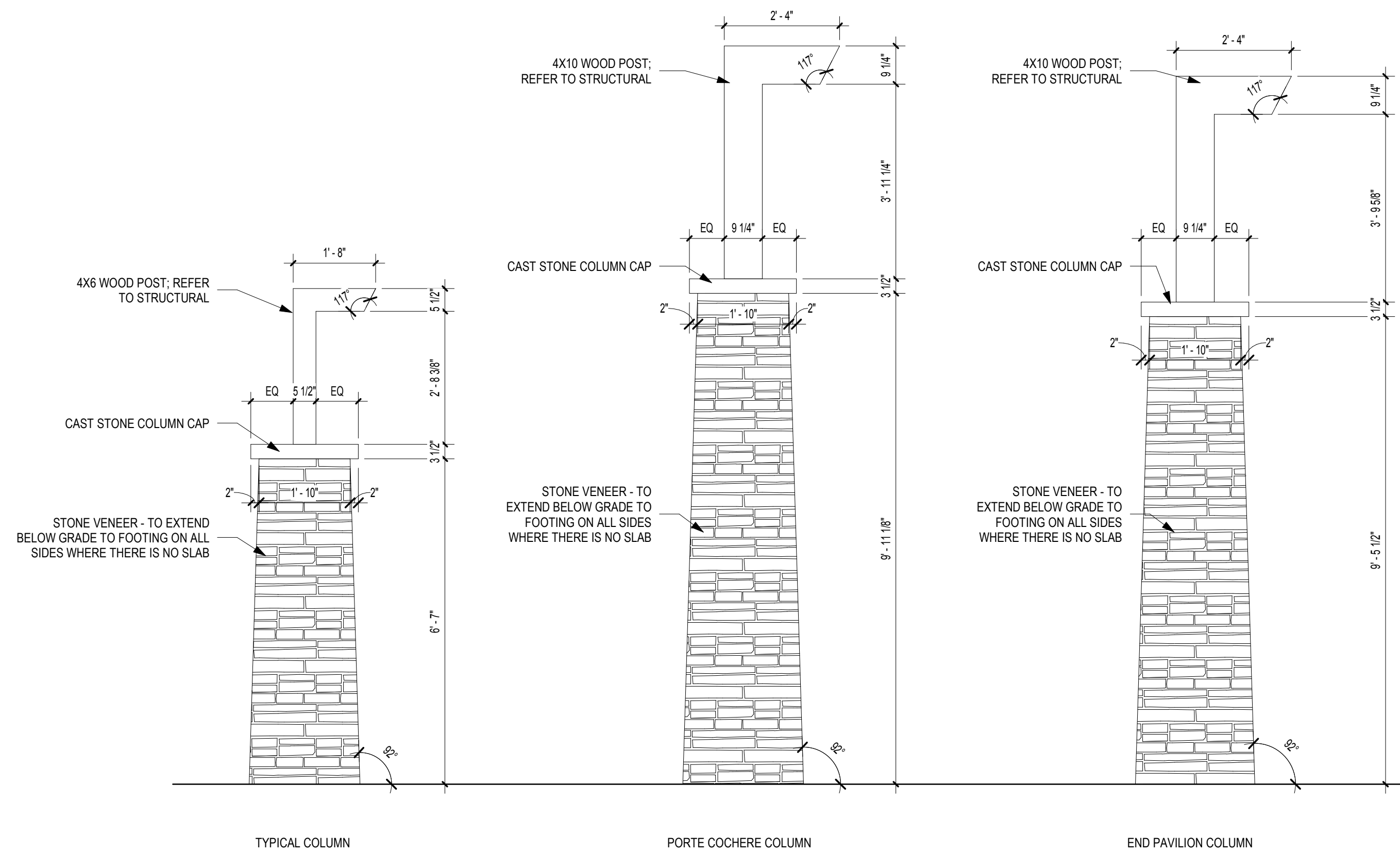
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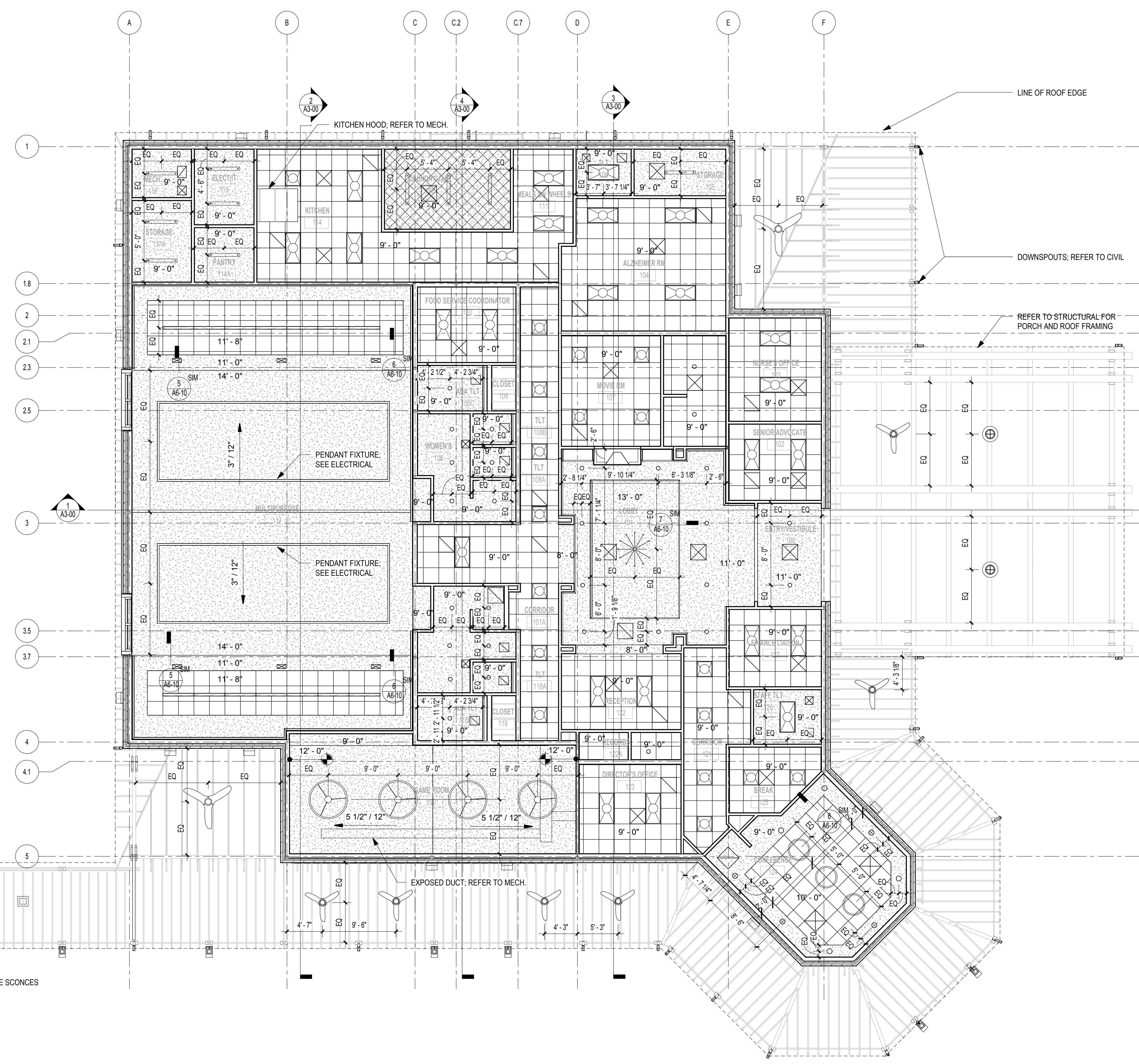


**COLUMN TYPES**  
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	NO CEILING
	GYPSUM WALL BOARD
	1 HR RATED CEILING (GYPSUM WALL BOARD FINISH)

RCP LEGEND	
	LED PENDANT LIGHT - SEE ELEC.
	LED STRIP LIGHT - SEE ELEC.
	2x4 LAY-IN LED LIGHT - SEE ELEC.
	2x2 LAY-IN LED LIGHT - SEE ELEC.
	RECESSED CAN LIGHT - SEE ELEC.
	RECESSED WALL WASHER - SEE ELEC.
	CEILING FAN - SEE ELEC.
	PENDANT LIGHT - SEE ELEC.
	PENDANT LIGHT - SEE ELEC.
	DECORATIVE LED PENDANT - SEE ELEC.
	CHANDELIER - SEE ELEC.
	SURFACE-MOUNTED PORCH LIGHT - SEE ELEC.
	WALL PACK LIGHT - SEE ELEC.
	SUPPLY AIR - SEE MECH.
	RETURN AIR - SEE MECH.



**1 REFLECTED CEILING PLAN**  
 SCALE: 1/8" = 1'-0"

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PROJECT NUMBER 1816000.000

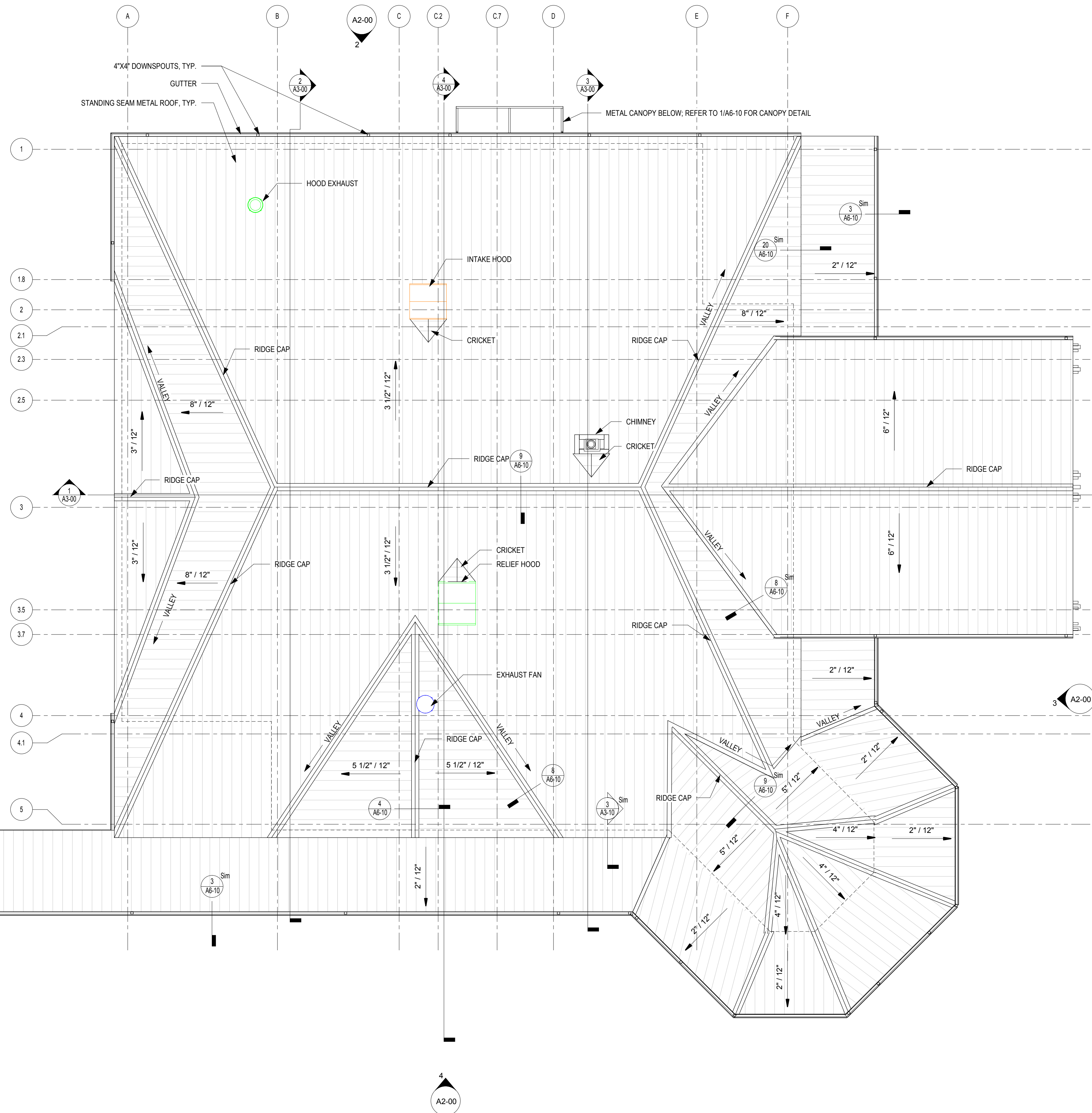
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**1 ROOF**  
SCALE: 1/8" = 1'-0"

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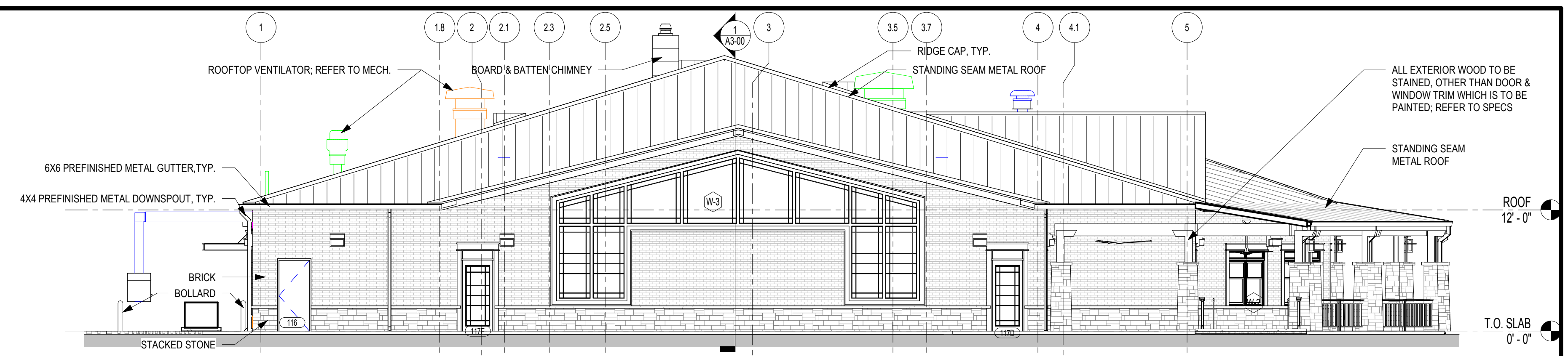
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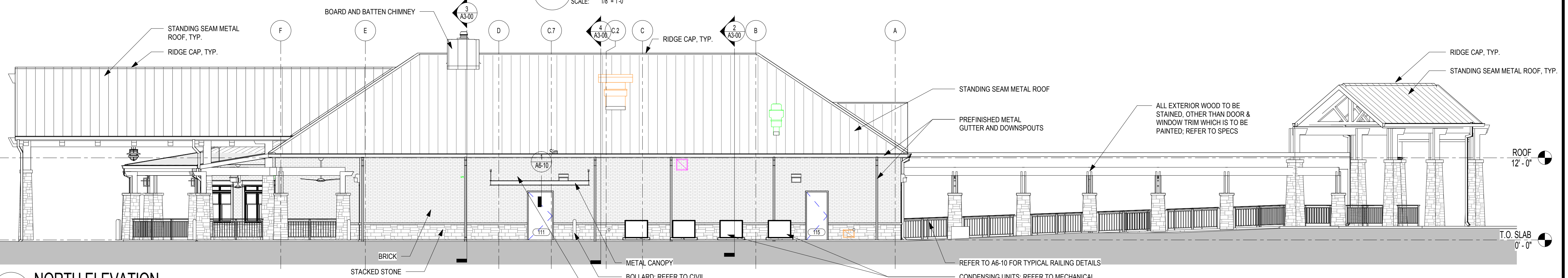
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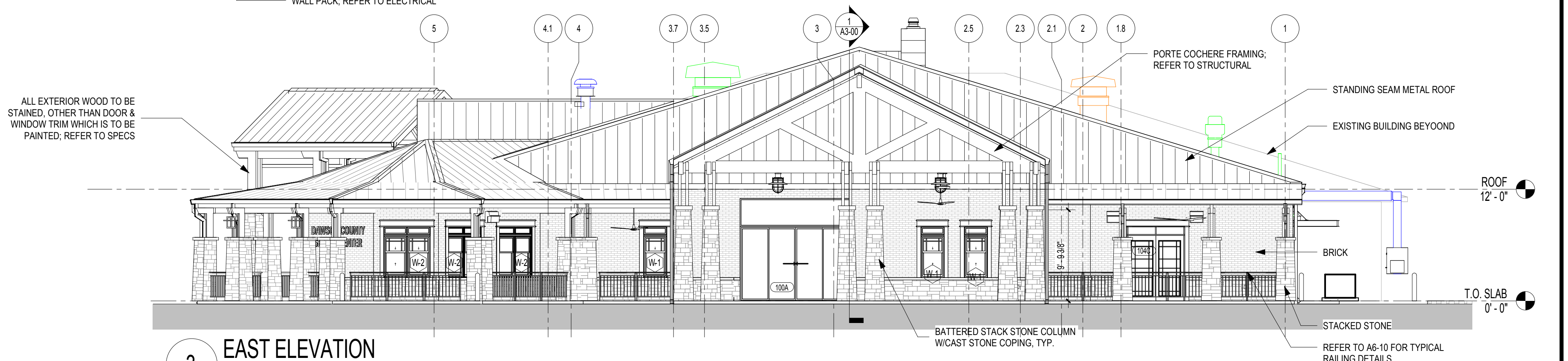
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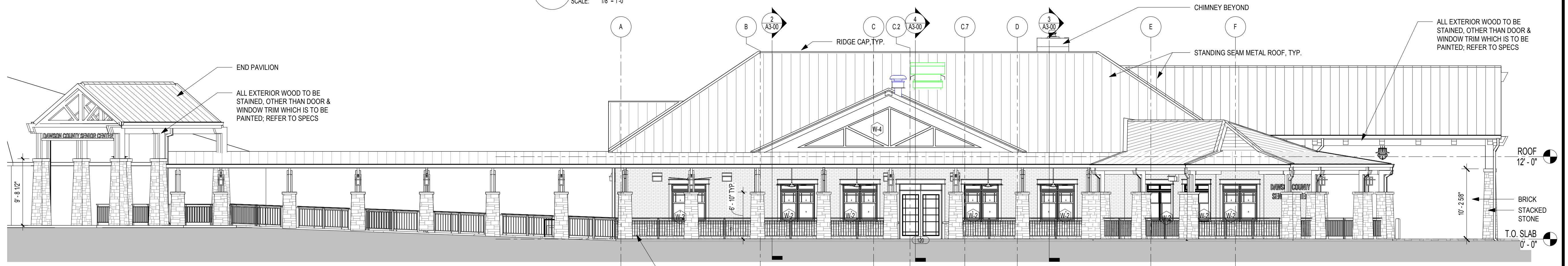
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SCALE: 1/8" = 1'-0"



**2 NORTH ELEVATION**  
SCALE: 1/8" = 1'-0"



**3 EAST ELEVATION**  
SCALE: 1/8" = 1'-0"



**4 SOUTH ELEVATION**  
SCALE: 1/8" = 1'-0"

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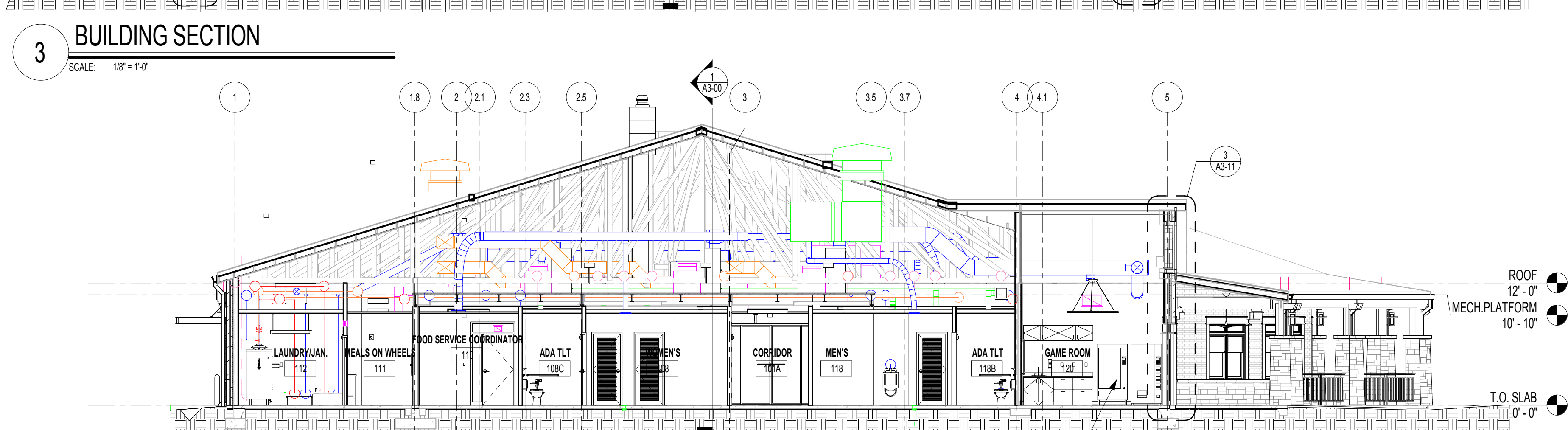
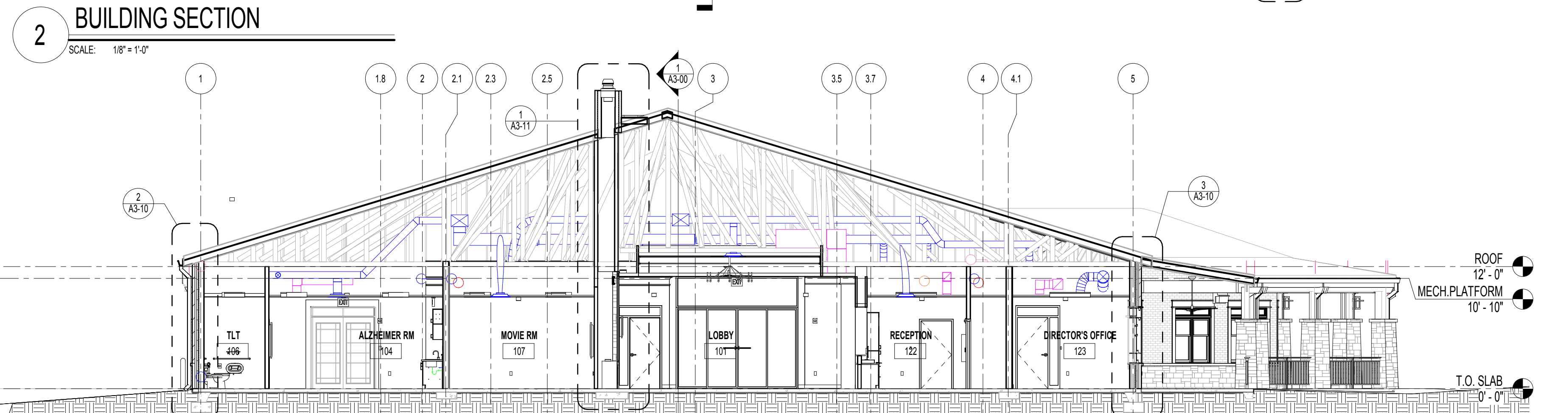
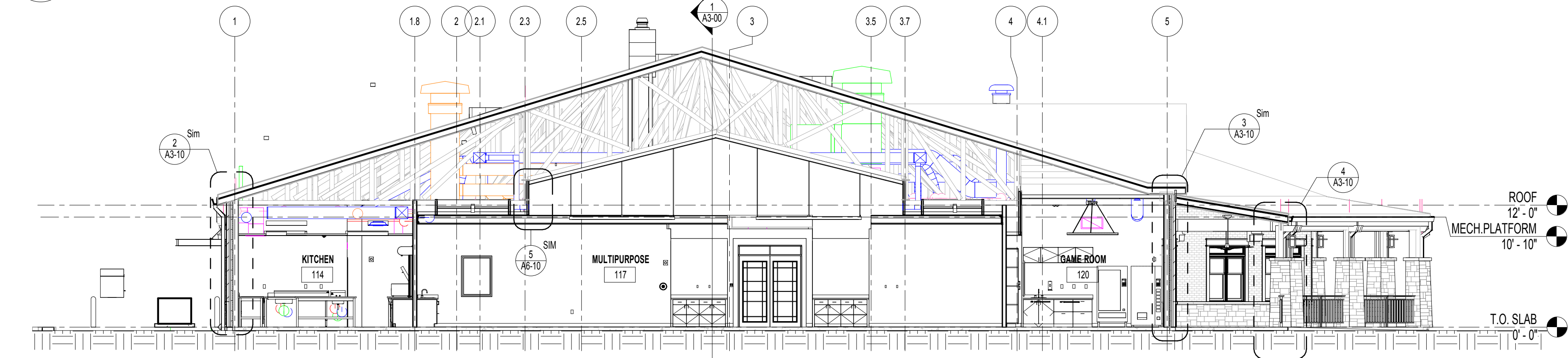
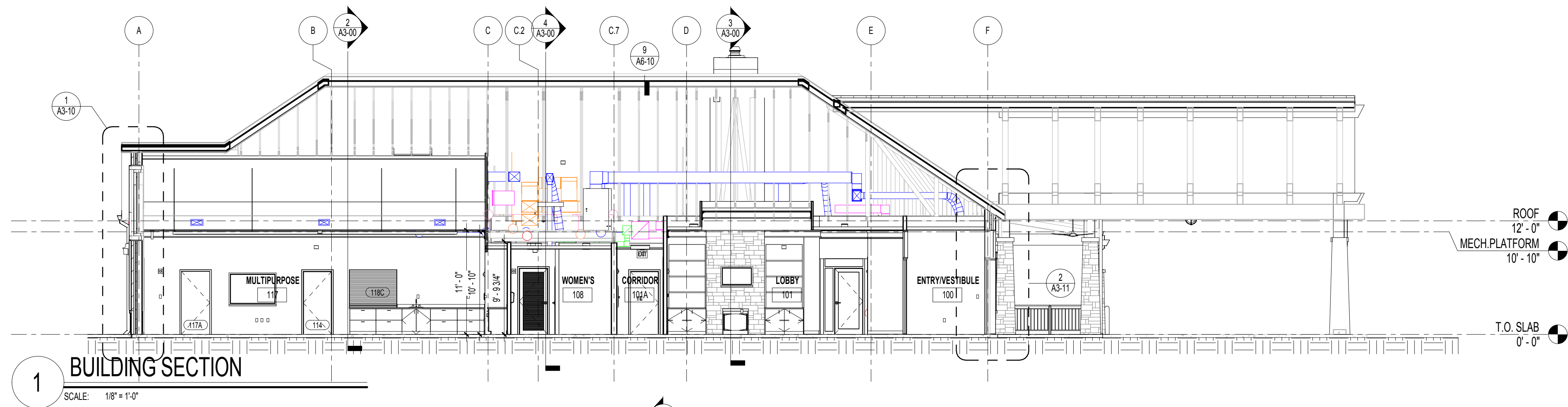
DATE February 04, 2019

PROJECT NUMBER 1816000.000

SHEET TITLE  
**EXTERIOR ELEVATIONS**

SHEET NUMBER  
**A2-00**





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**Revisions**

No.	Date	Description

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PROJECT NUMBER 1816000.000

SHEET TITLE

**BUILDING SECTIONS**

SHEET NUMBER

**A3-00**



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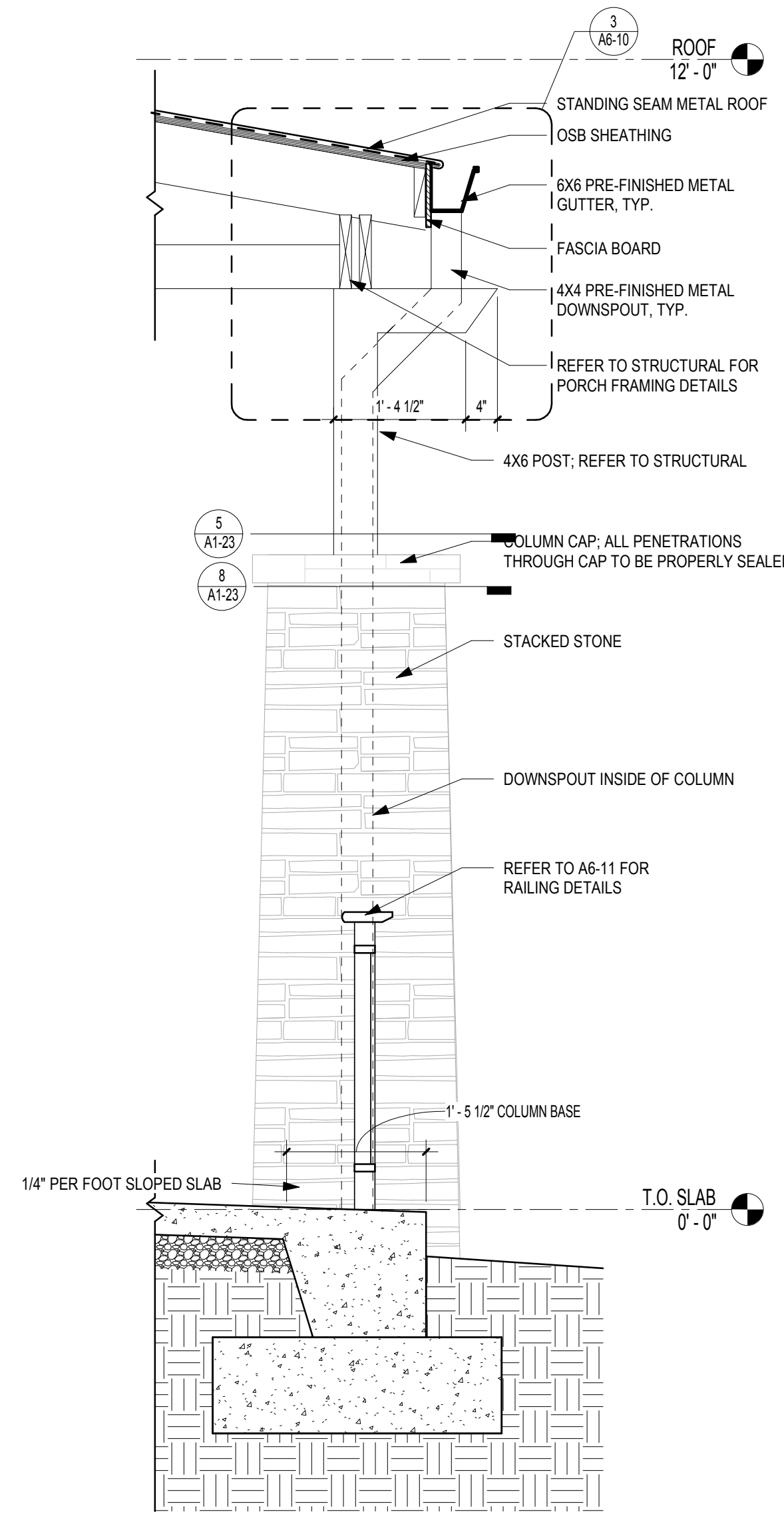
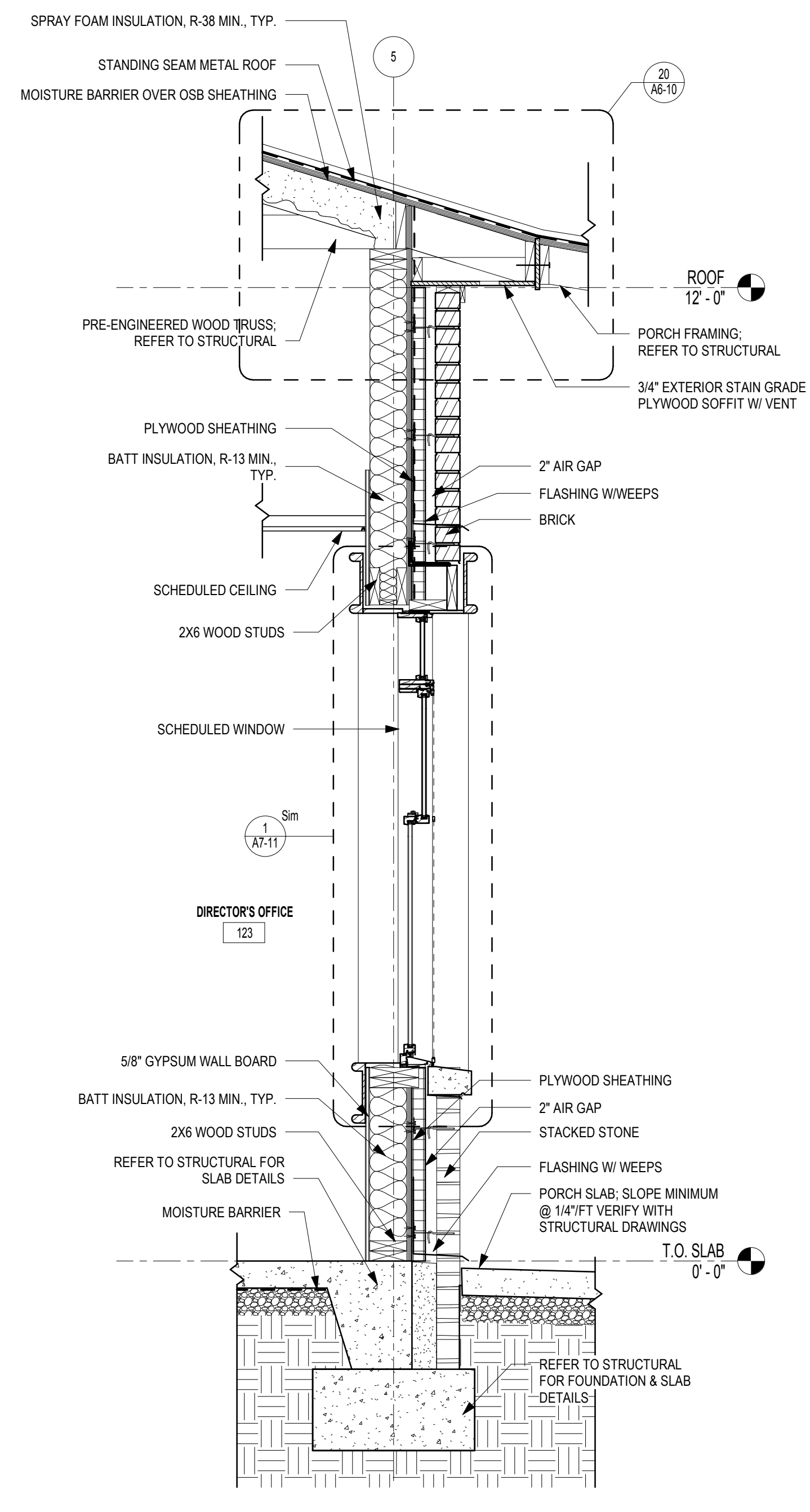
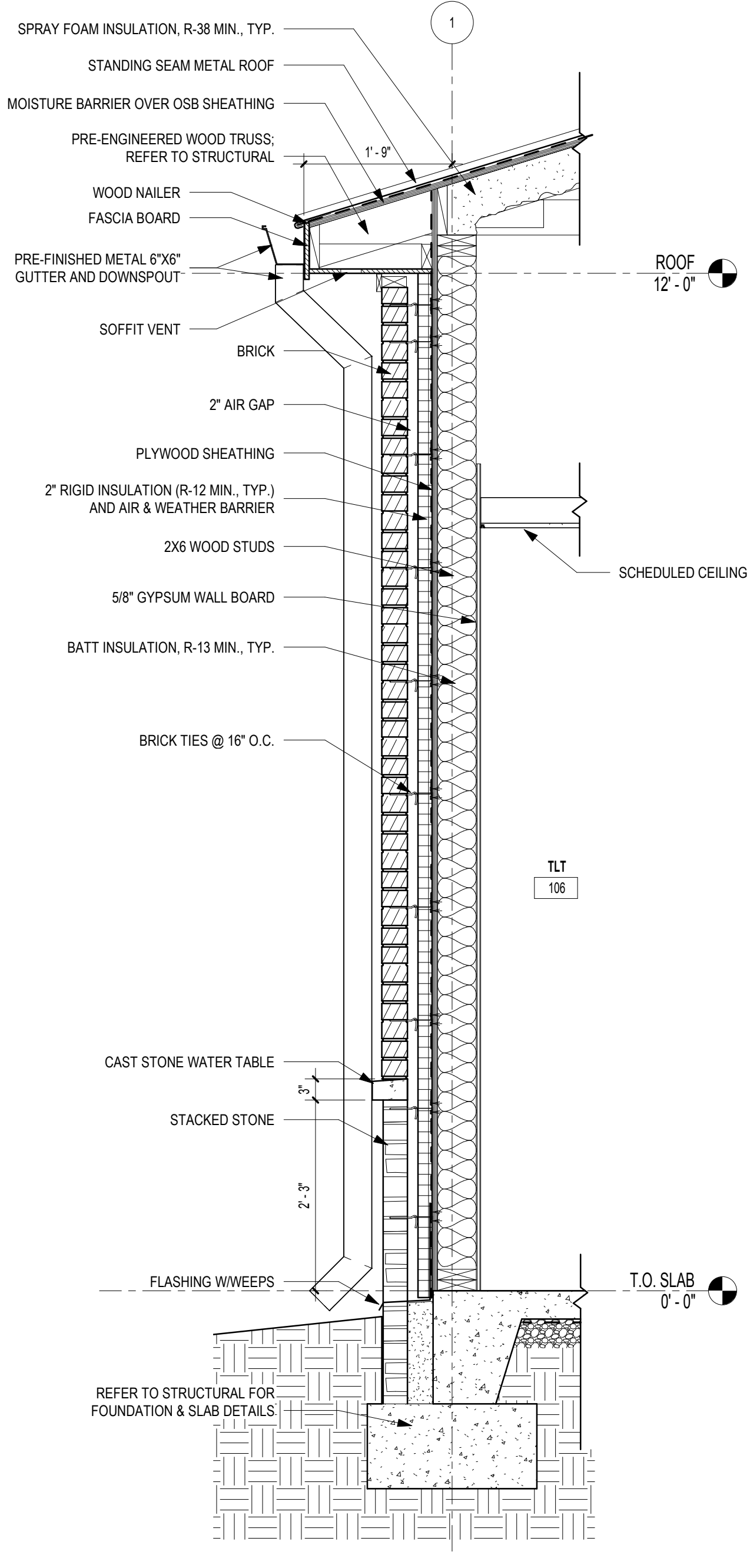
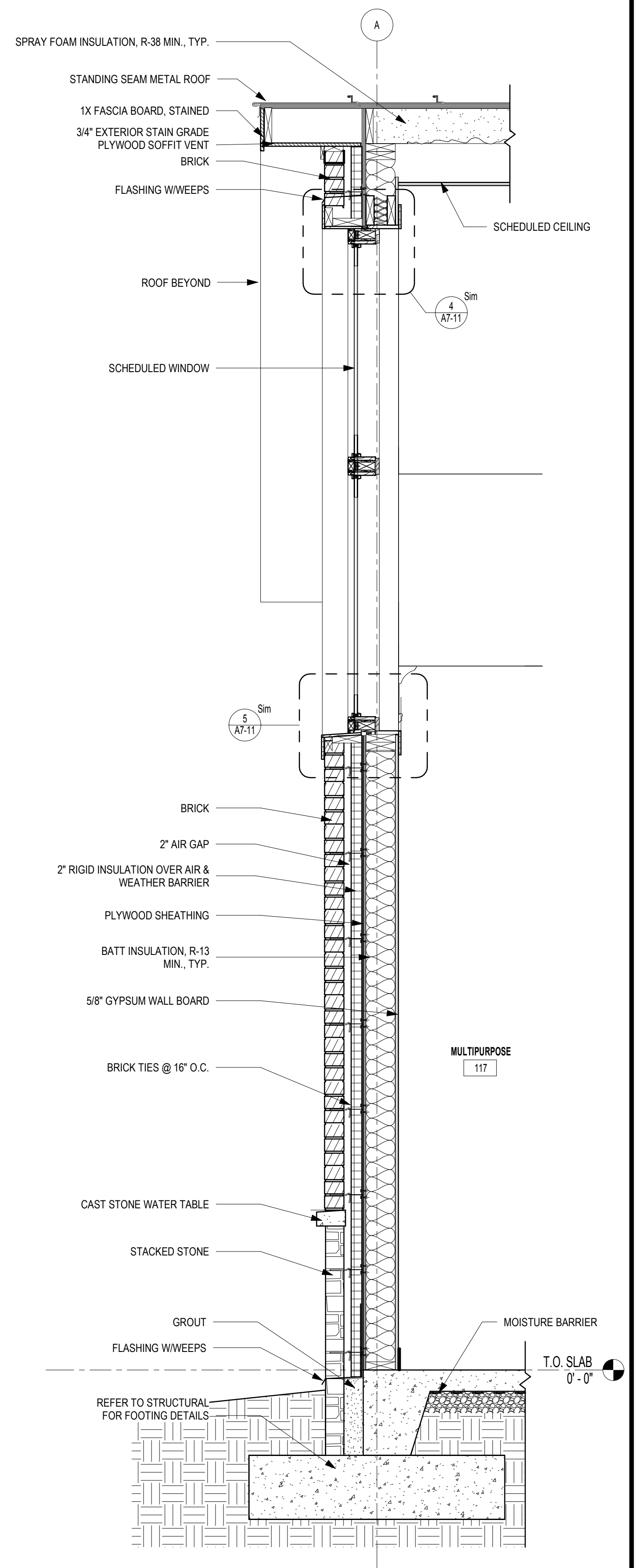
PROJECT NUMBER 1816000.000

SHEET TITLE

**WALL SECTIONS**

SHEET NUMBER

**A3-10**

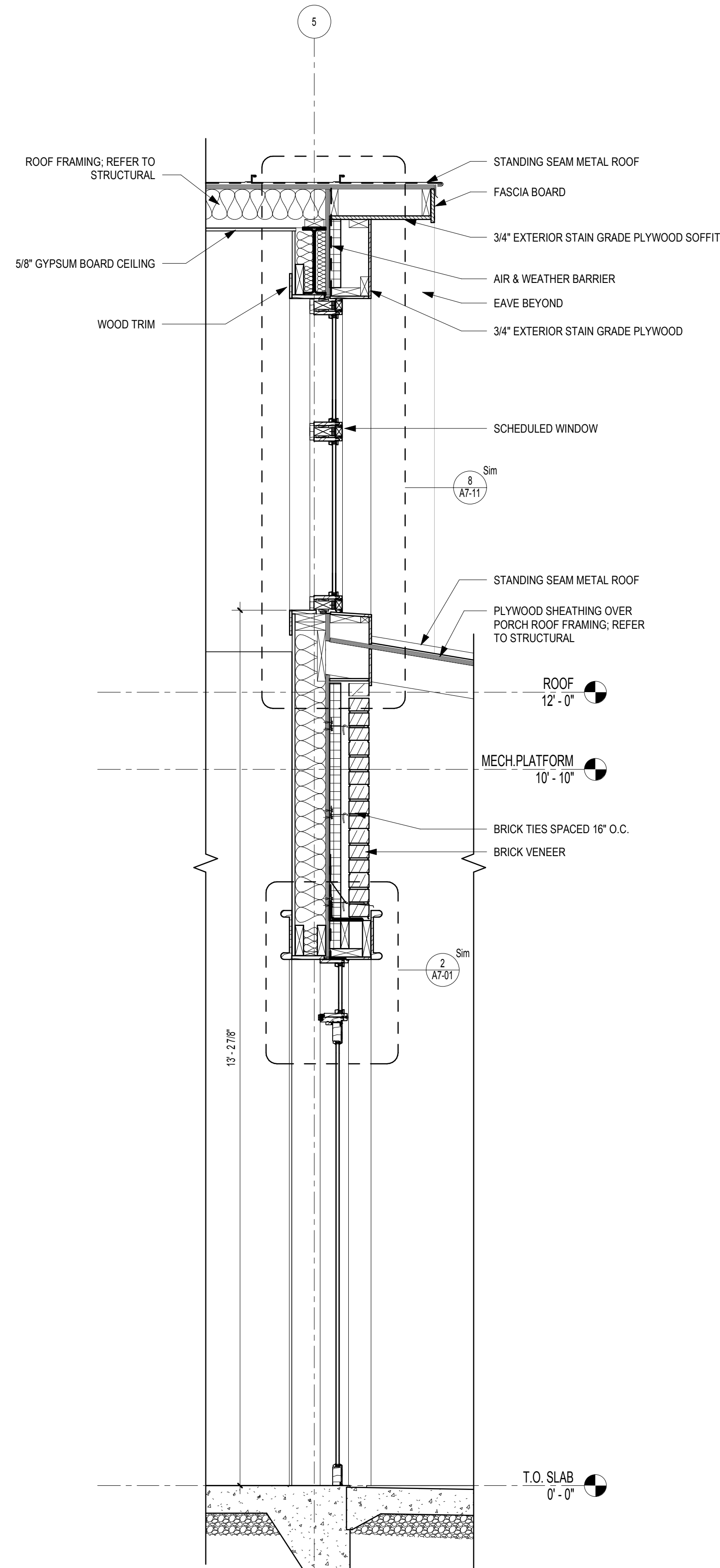


**4 PORCH COLUMN DETAIL**  
 SCALE: 3/4" = 1'-0"

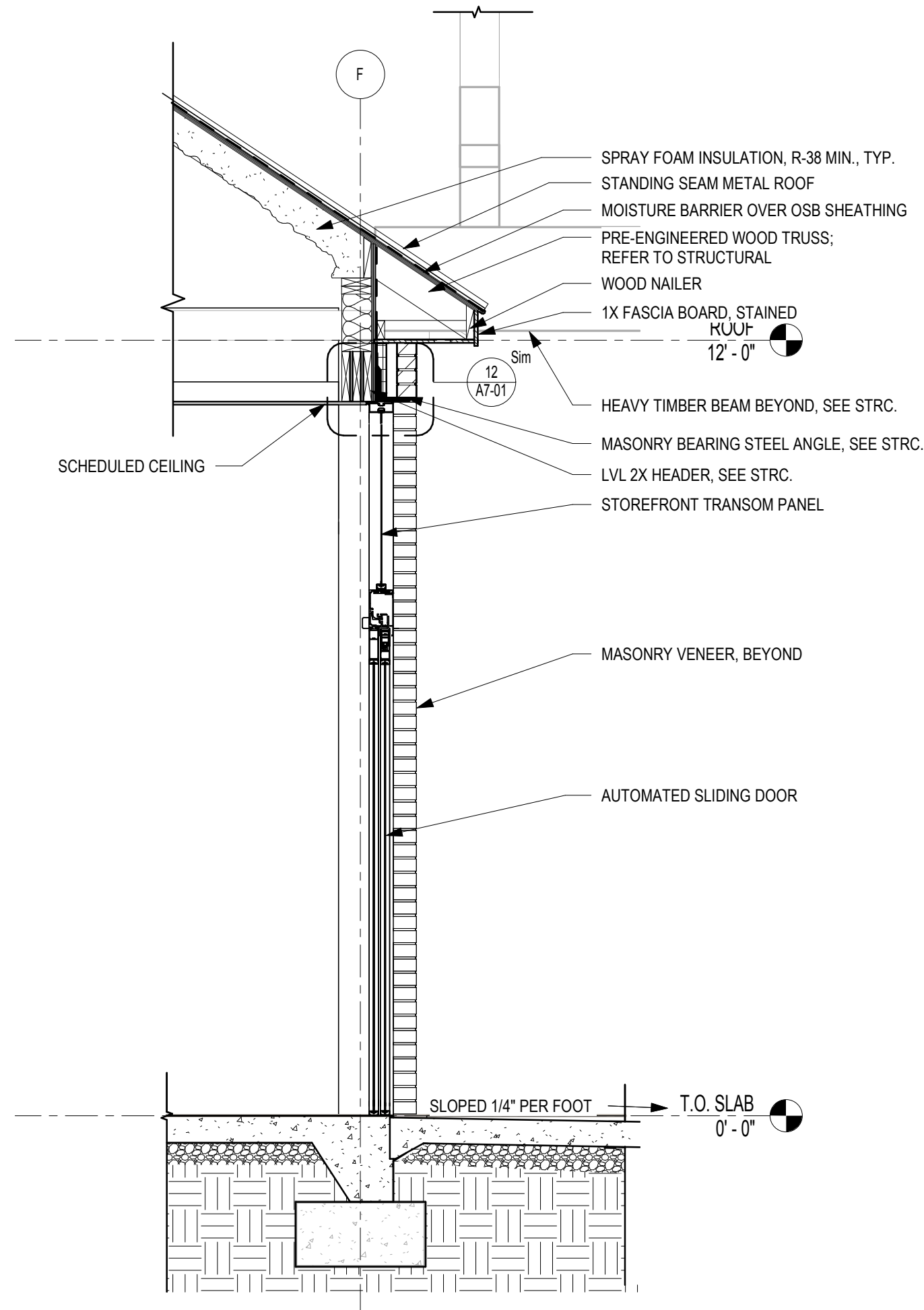
**3 WALL SECTION @ NORTH WALL & BREEZEWAY**  
 SCALE: 3/4" = 1'-0"

**2 WALL SECTION @ SOUTH WALL**  
 SCALE: 3/4" = 1'-0"

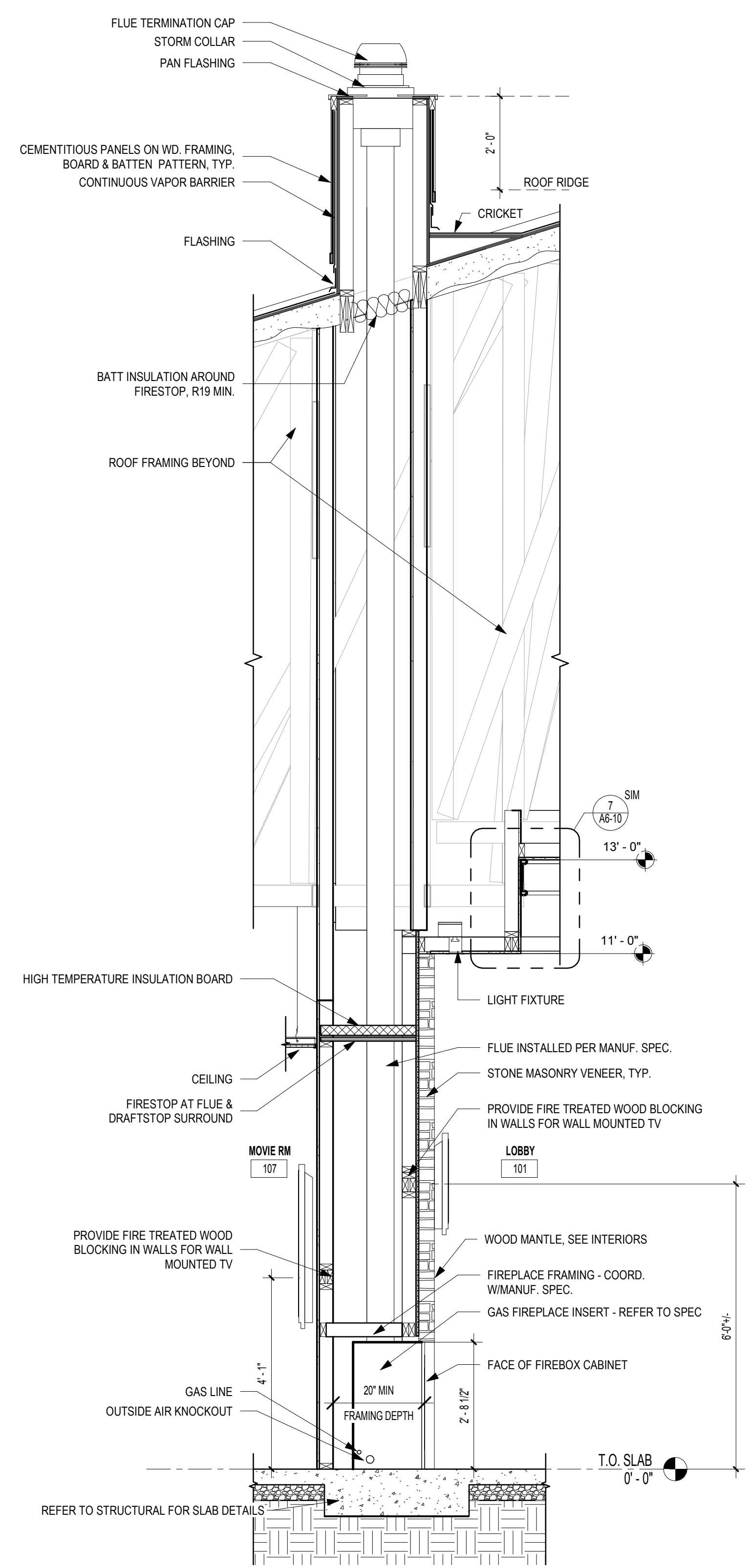
**1 WALL SECTION @ MULTIPURPOSE ROOM**  
 SCALE: 3/4" = 1'-0"



**3 WALL SECTION @ GAME ROOM**  
SCALE: 3/4" = 1'-0"



**2 WALL SECTION**  
SCALE: 1/2" = 1'-0"



**1 WALL SECTION - FIREPLACE**  
SCALE: 1/2" = 1'-0"



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2019-03-08	GRANT REVIEW DOCUMENTS	

**Revisions**

No.	Date	Description

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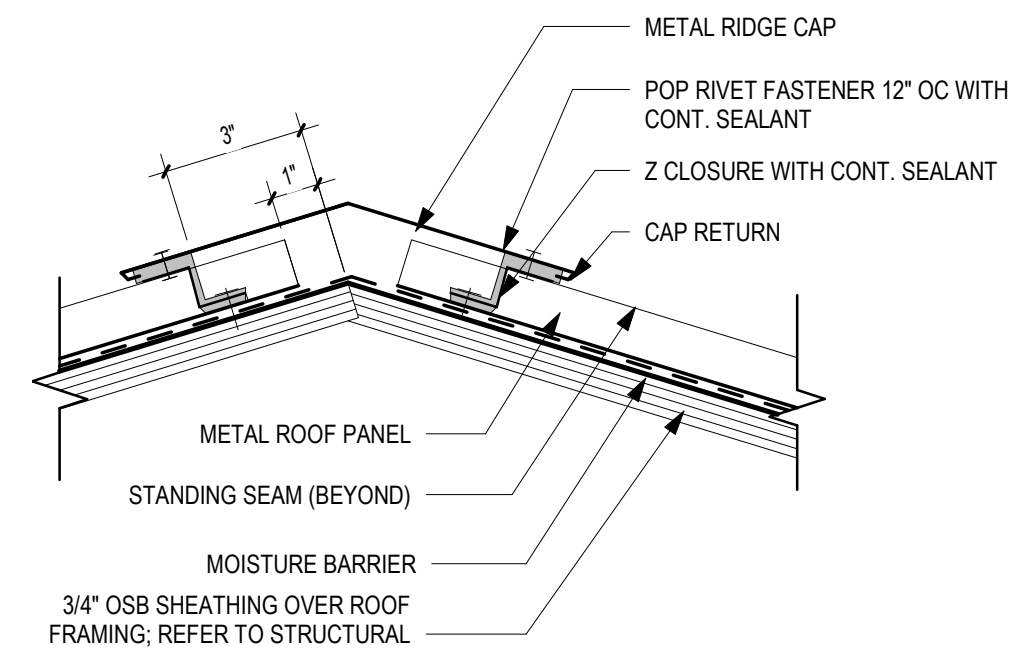
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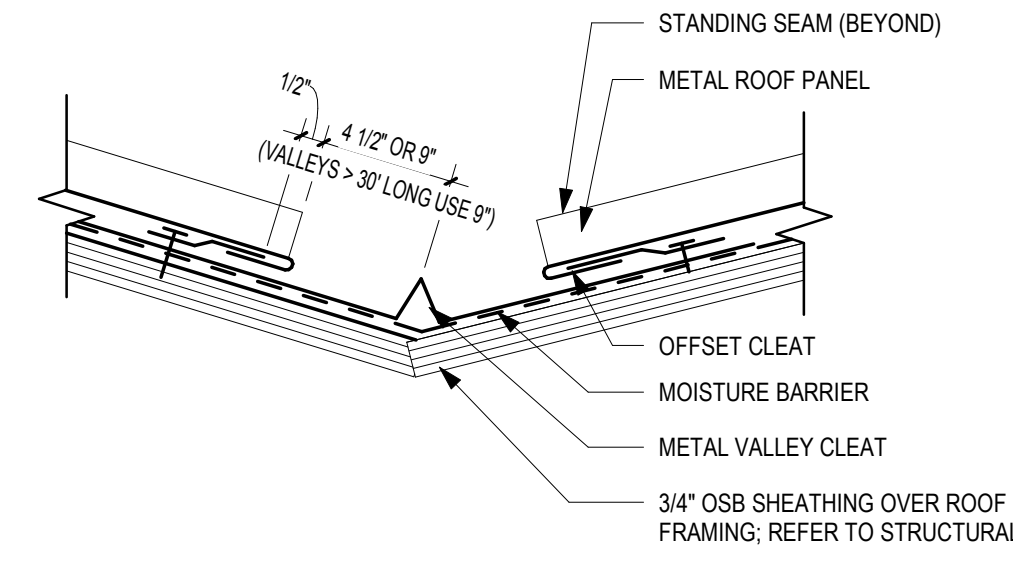
**WALL SECTIONS**

SHEET NUMBER

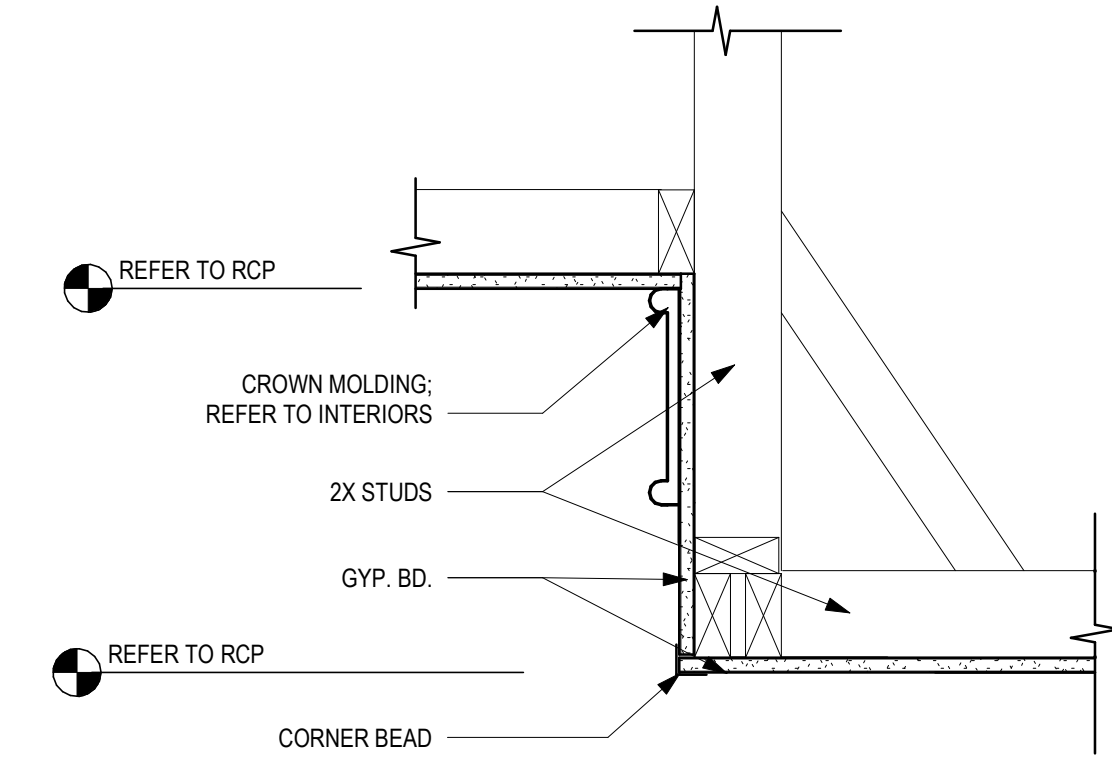
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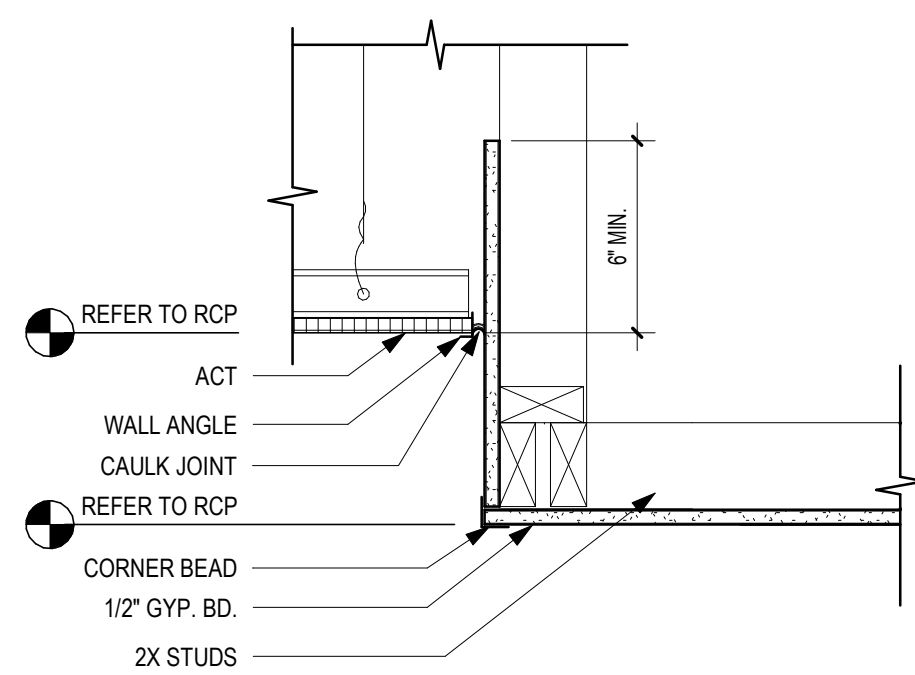
**9 TYP. ROOF RIDGE CAP DETAIL**  
SCALE: 3" = 1'-0"



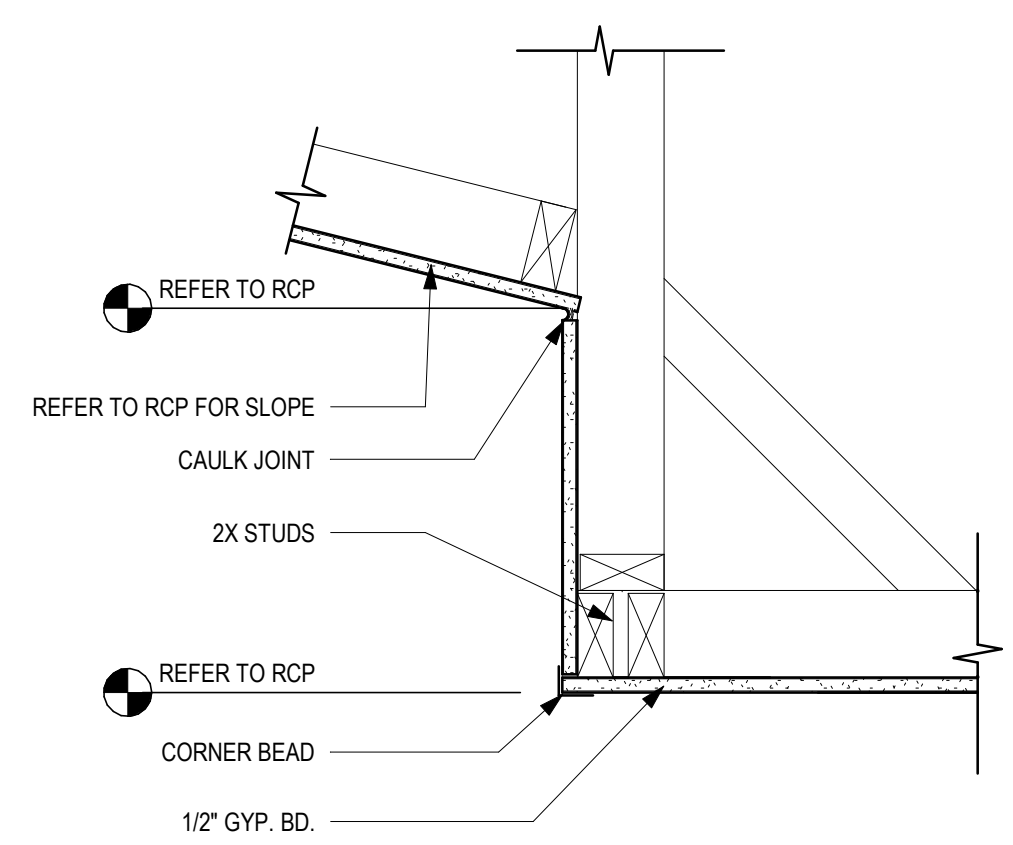
**8 TYP. ROOF VALLEY CLEAT DETAIL**  
SCALE: 3" = 1'-0"



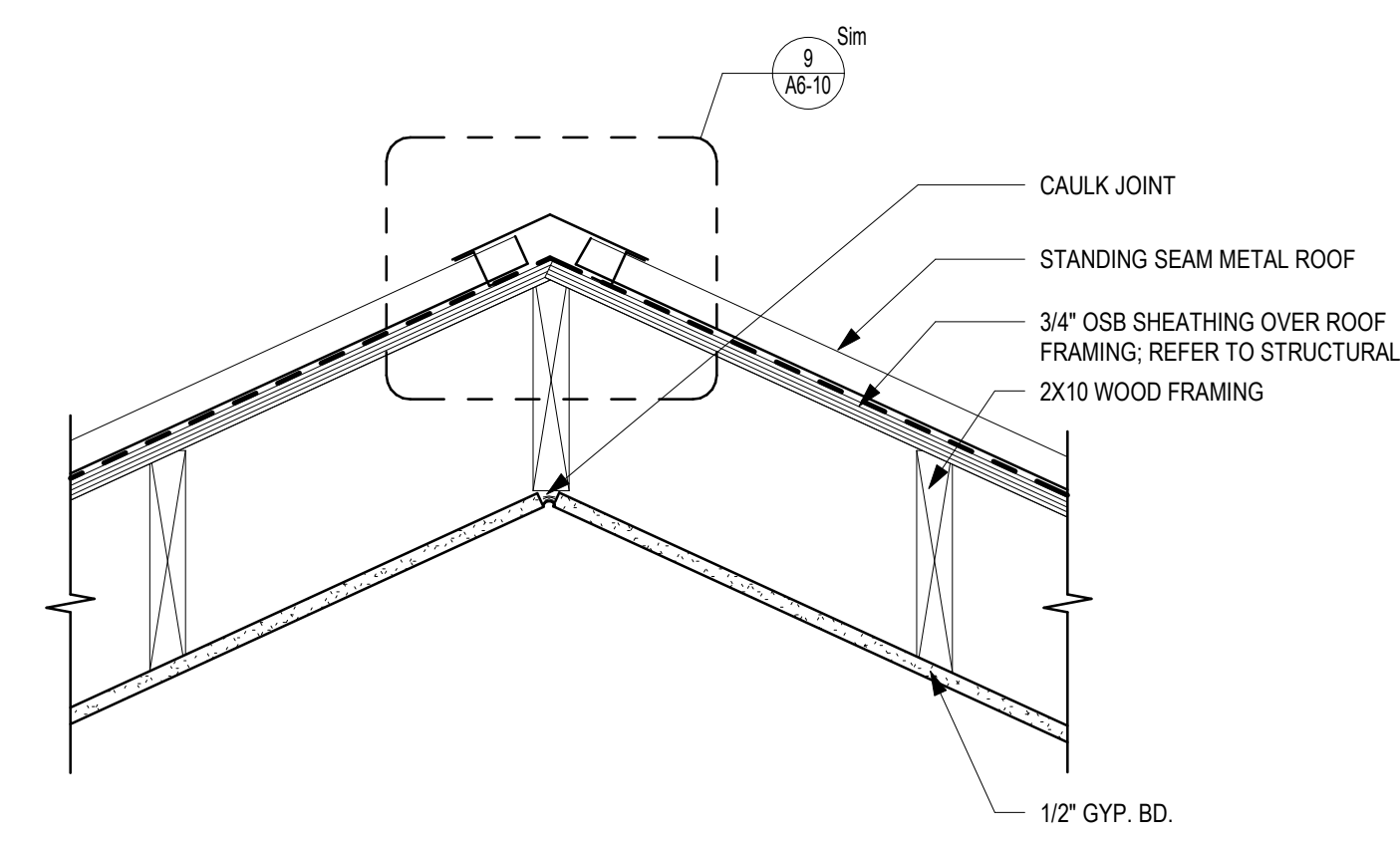
**7 DETAIL-GYP SOFFIT TO HIGHER GYP SOFFIT**  
SCALE: 1 1/2" = 1'-0"



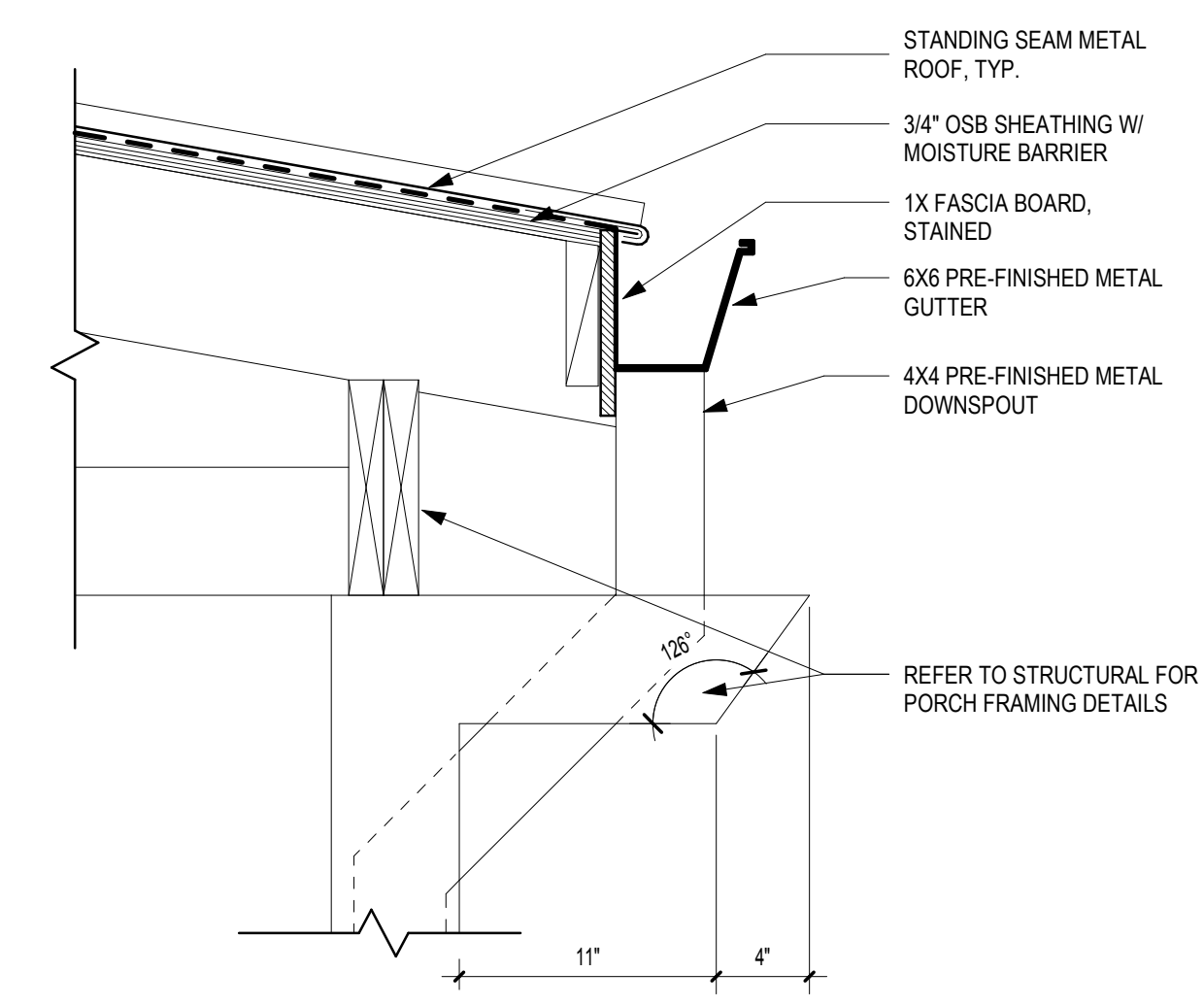
**6 DETAIL-GYP SOFFIT TO ACT**  
SCALE: 1 1/2" = 1'-0"



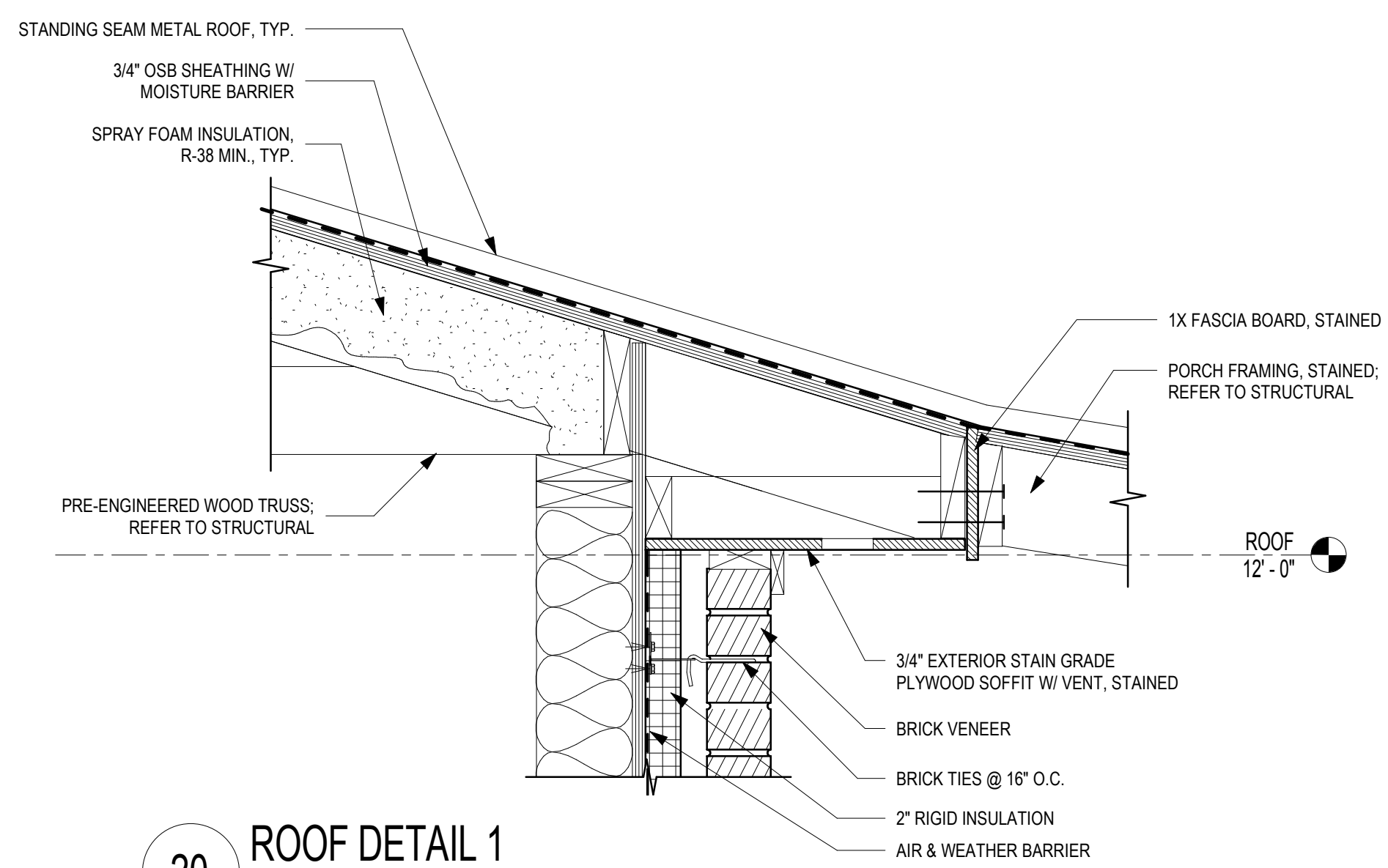
**5 DETAIL-GYP SOFFIT TO ANGLED CEILING**  
SCALE: 1 1/2" = 1'-0"



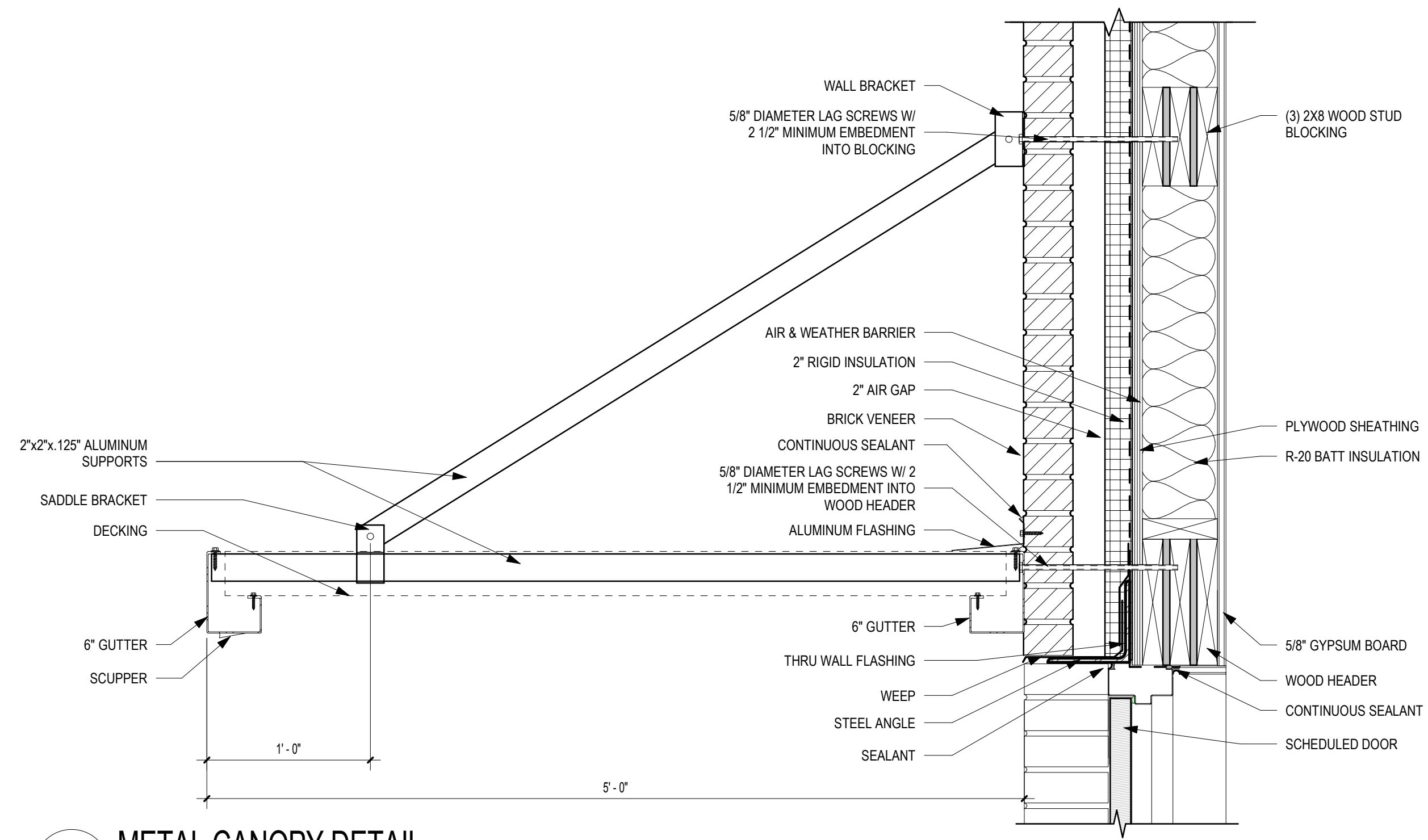
**4 DETAIL @ GAME ROOM ROOF RIDGE**  
SCALE: 1 1/2" = 1'-0"



**3 ROOF DETAIL 2**  
SCALE: 1 1/2" = 1'-0"



**20 ROOF DETAIL 1**  
SCALE: 1 1/2" = 1'-0"



**1 METAL CANOPY DETAIL**  
SCALE: 1 1/2" = 1'-0"



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**DETAILS**

SHEET NUMBER

**A6-10**



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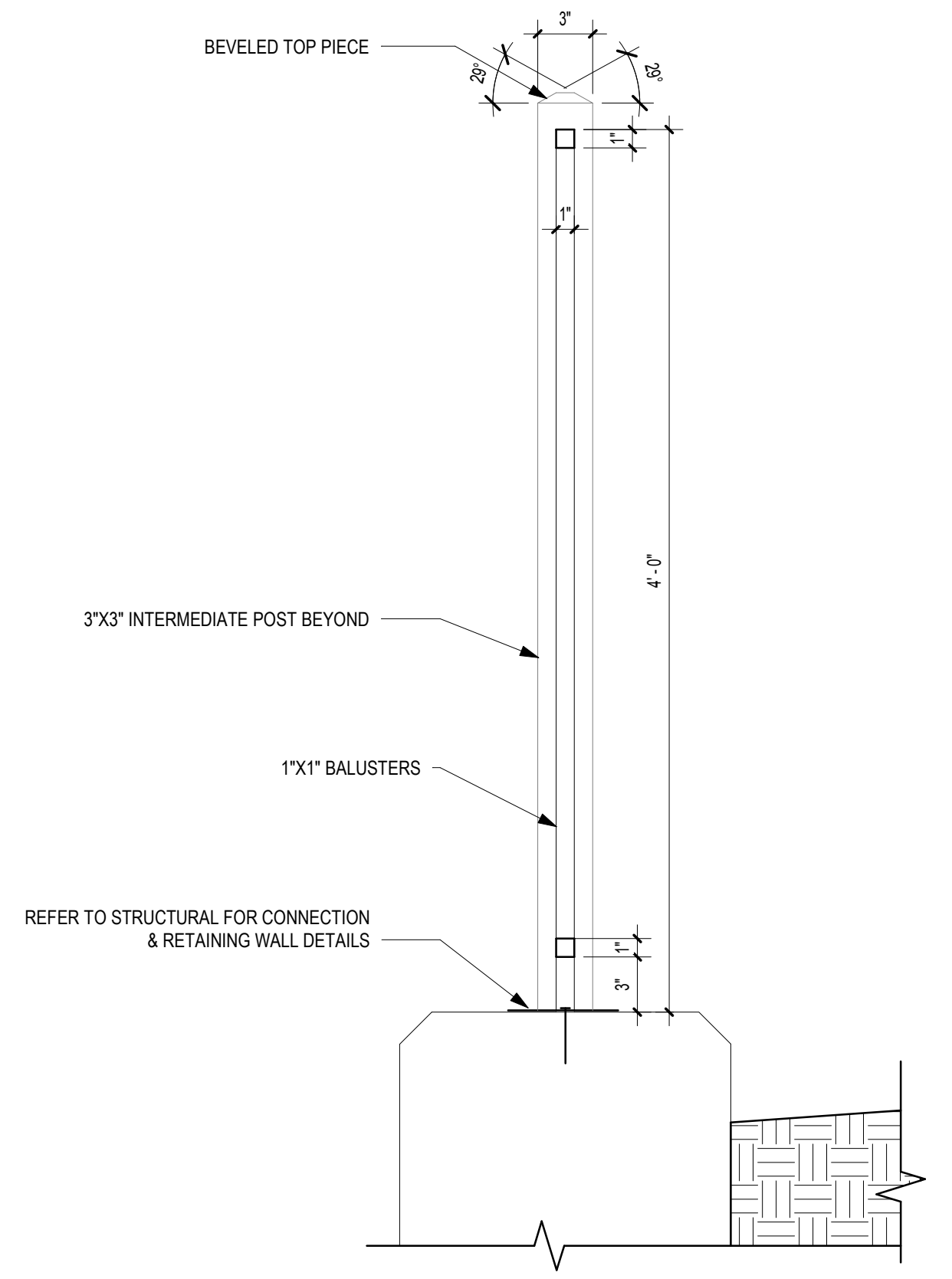
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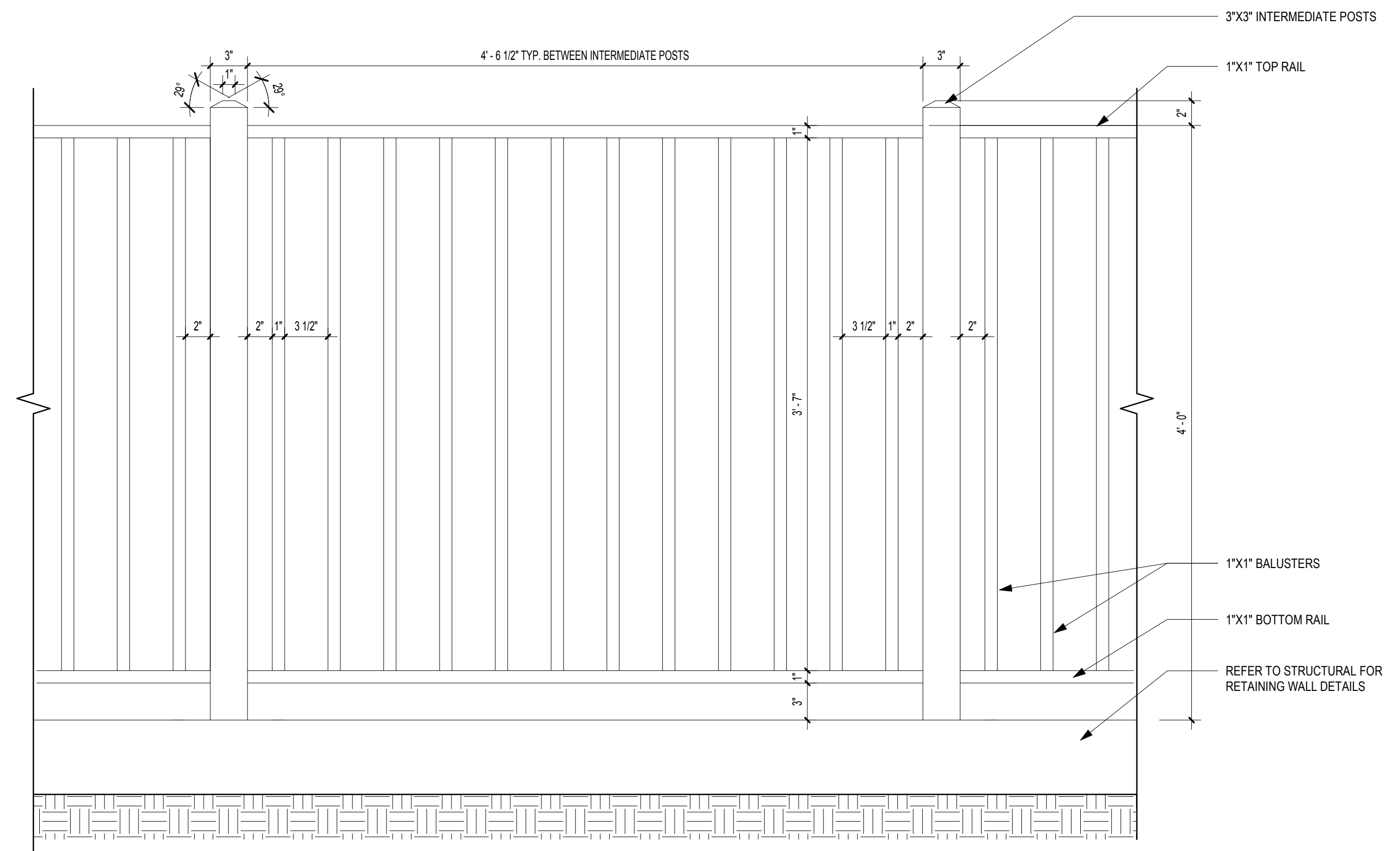
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**A6-11**

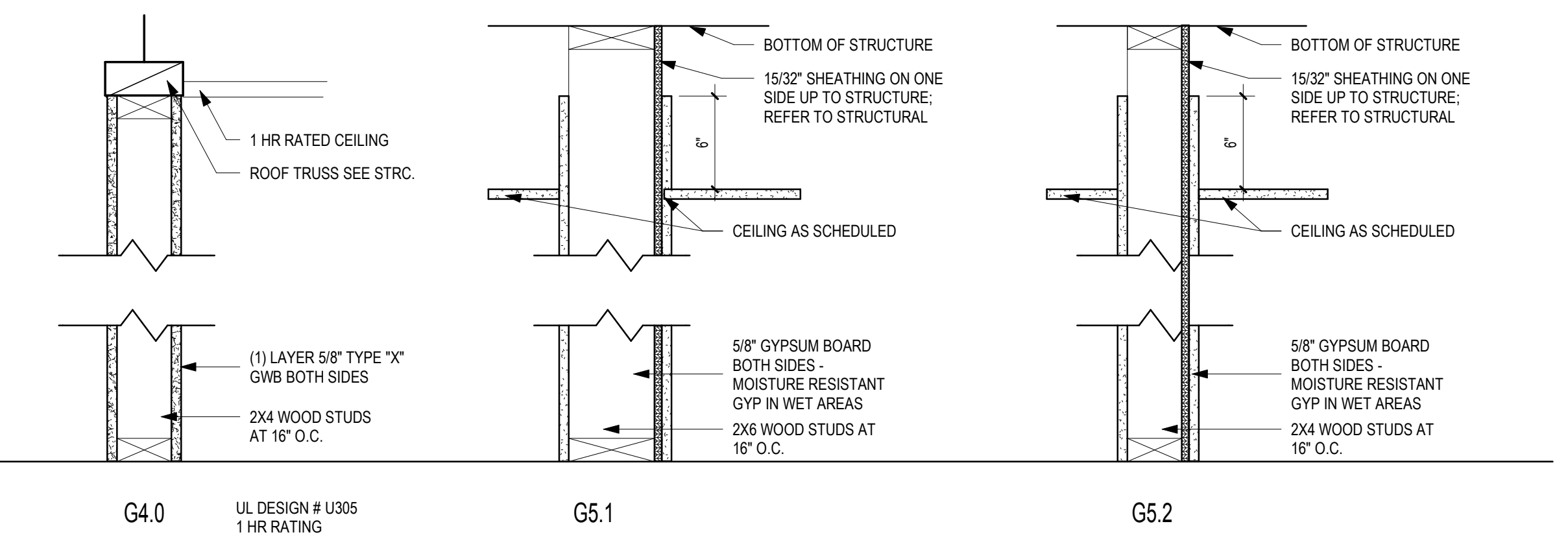
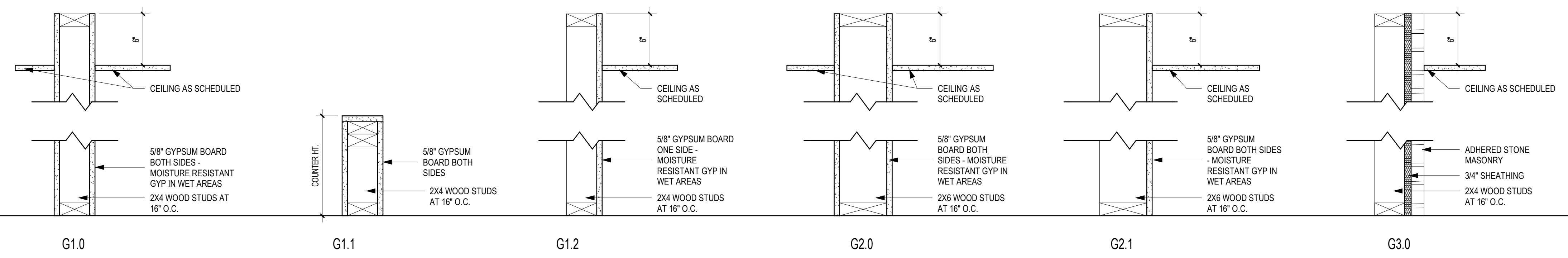


**1 ALUMINUM RETAINING WALL FENCE SECTION**  
SCALE: 1 1/2" = 1'-0"

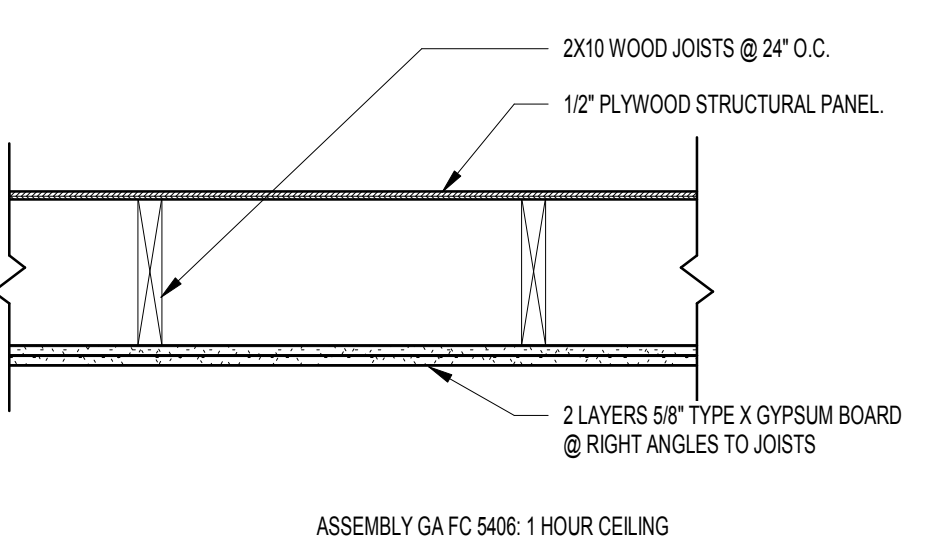


**2 ALUMINUM RETAINING WALL FENCE ELEVATION**  
SCALE: 1 1/2" = 1'-0"

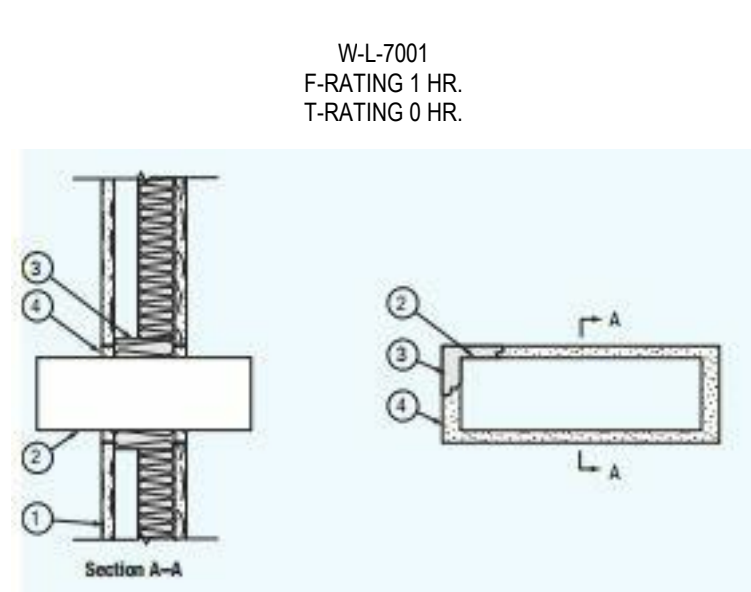
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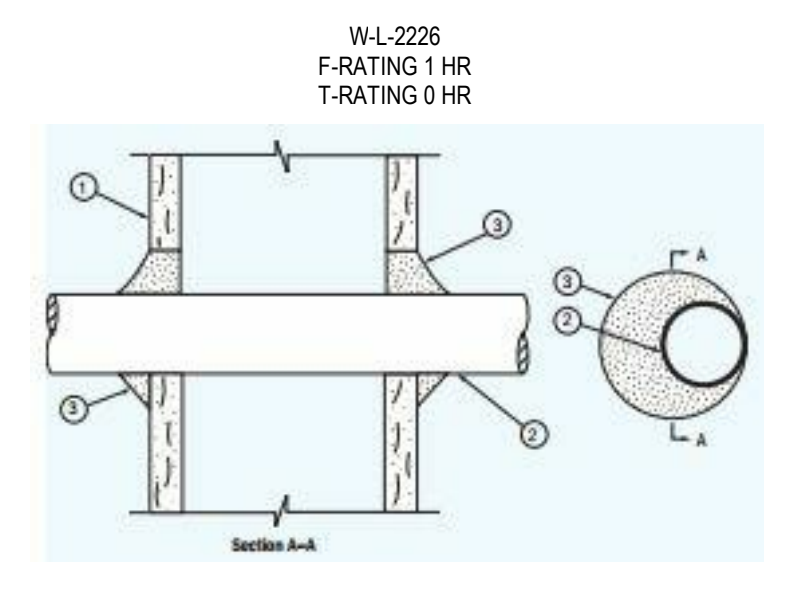
**5 PARTITION TYPES**  
SCALE: 1 1/2" = 1'-0"



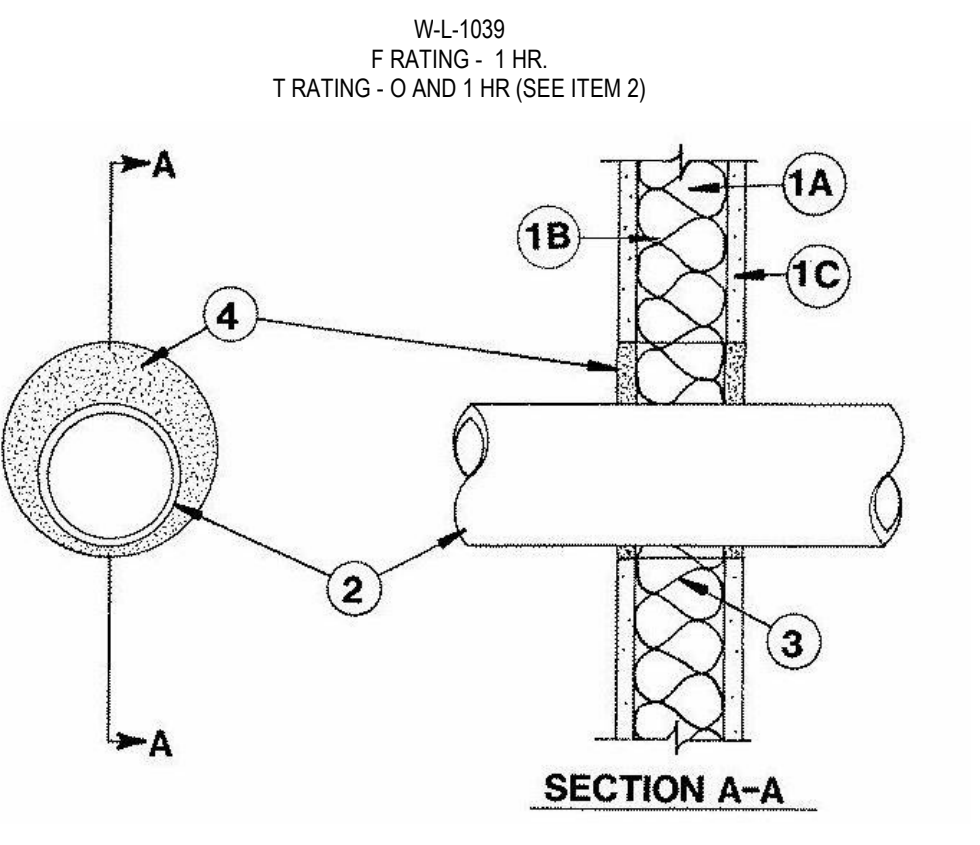
**4 1 HR RATED CEILING**  
SCALE: 1" = 1'-0"



**3 W-L-7001 - DUCT PENETRATION**  
SCALE: 1 1/2" = 1'-0"



**2 W-L-2226 - THRU-WALL NON-METALLIC PENETRATION @ 1 HOUR WALL**  
SCALE: 1 1/2" = 1'-0"



**1 W-L-1039 - PIPE AND CONDUIT THRU-PENETRATIONS @ 1 HOUR WALL**  
SCALE: 1 1/2" = 1'-0"

**WALL PARTITION GENERAL NOTES**

- DO NOT SCALE DRAWINGS.
- INSTALLATION MUST BE IN ACCORDANCE WITH THE REFERENCED UL ASSEMBLY FOR RATED WALLS. IF AN ALTERNATE MANUFACTURER OR INSTALLATION IS SELECTED, A REQUEST FOR SUBSTITUTION MUST BE SUBMITTED TO WBA FOR REVIEW.
- INCREASE METAL STUD GAUGE AND/OR DECREASE METAL STUD O.C. SPACING SO AS NOT TO EXCEED U240 DESIGN CRITERIA. MIN STUD GAUGE = 25. BRACE METAL STUDS TO STRUCTURE AS REQUIRED.
- REFER TO THE REFLECTED CEILING PLANS FOR INDICATION OF WHICH NONRATED PARTITIONS EXTEND TO CEILING HEIGHT OR TO UNDERSIDE OF STRUCTURE.
- WHERE NON-RATED PARTITIONS DO NOT EXTEND TO STRUCTURE, STOP GWB 6" ABOVE CEILING AND EXTEND OR BRACE METAL STUDS TO STRUCTURE.
- PROVIDE FIRE RESISTANT GWB WHERE REQUIRED BY RATED ASSEMBLIES.
- APPLY SEALANT TO ENTIRE PARTITION PERIMETER AND PENETRATIONS PER MANUFACTURER'S RECOMMENDATIONS.
- APPLY SEALANT TO THE PARTITION PERIMETER AND ALL PENETRATIONS PER MANUFACTURER'S RECOMMENDATIONS AT ALL PRESSURIZED SHAFTS AND STAIRWAY PARTITIONS.
- STAGGER ELECTRICAL, COMMUNICATION, AND CATV OUTLETS 12" MINIMUM AT ALL STC RATED PARTITIONS.
- PROVIDE IN-WALL BLOCKING FOR MILLWORK, ARTWORK, FURNISHINGS, HARDWARE, WALL STOPS, TOILET ACCESSORIES, WALL BUMPERS, GRAB BARS, DRAPERIES, STONEWORK, CLOSET RODS, AND MODULAR OFFICE WALLS.
- UL DESIGN NUMBERS (I.E. UL DES. U905) REFERENCE THE LATEST EDITION OF THE FIRE RESISTANCE DIRECTORY, VOL. 1A, PUBLISHED BY UNDERWRITERS LABORATORIES INC. - SEE T-03 FOR ADDITIONAL INFORMATION.
- CONTRACTOR SHALL SEAL ALL THROUGH PENETRATIONS OF RATED PARTITIONS WITH SEALANT APPROVED BY THE BUILDING OFFICIAL - REFER TO M.E.P. DRAWINGS FOR TYPICAL PENETRATION DETAILS.
- CONTRACTOR SHALL IDENTIFY ALL SMOKE RATED AND/OR FIRE RATED PARTITIONS WITH PAINTED STENCILS ABOVE THE CEILING.
- USE A DEFLECTION TRACK FOR TOP RUNNERS OF METAL STUD PARTITIONS THAT EXTEND TO UNDERSIDE OF STRUCTURAL DECK WHERE THE DEFLECTIONS OF THE STRUCTURE ABOVE THE PARTITION EXCEEDS 1/2".
- PARTITION HEIGHT INDICATED "TO STRUCTURE" SHALL BE CARRIED TO UNDERSIDE OF METAL DECK, PRECAST, OR CAST-IN-PLACE CONCRETE SLAB.
- ALL DIMENSIONS ARE FROM FACE OF FINISHED PARTITION TO FACE OF FINISHED PARTITION.
- ALIGN CENTER LINE OF PARTITION WITH CENTER LINE OF MULLION OR COLUMN AS SHOWN ON PLAN UNLESS OTHERWISE NOTED. PROVIDE NEOPRENE CLOSURE AS NECESSARY.
- REINFORCE METAL STUDS OF PARTITIONS WITH CONTINUOUS METAL STRAPPING FOR WALL-HUNG AND OTHER MILLWORK OR EQUIPMENT.
- COORDINATE PARTITION LAYOUT WITH MECHANICAL, ELECTRICAL, AND PLUMBING WORK. NOTIFY ARCHITECT TO RESOLVE CONFLICTS.
- VERIFY LOCATIONS AND SIZES OF ALL FREESTANDING, UNDERCOUNTER AND BUILT-IN EQUIPMENT.
- REFER TO GENERAL NOTES FOR ADDITIONAL INFORMATION AND SYMBOLS.
- VERIFY LOCATIONS OF ALL FIRE EXTINGUISHER CABINETS, RECESSED OR SURFACE MOUNTED.
- COORDINATE LOCATIONS OF FIRE PULL STATIONS AND FIREMAN'S TELEPHONE WITH INTERIOR FINISHES.
- VERIFY ALL THERMOSTAT LOCATIONS WITH ARCHITECT FOR COORDINATION WITH FINISHES.
- REFER TO ELECTRICAL DRAWINGS FOR POWER, TELEPHONE AND DATA OUTLET LOCATIONS.
- ALL PENETRATIONS IN DRYWALL CONSTRUCTION ABOVE FINISHED CEILING SHALL BE SEALED TO PREVENT SOUND LEAKAGE AND FIRE PROTECTION WITH FIRE SAFING INSULATION.
- SEAL ALL SOUND PARTITIONS WITH ACOUSTICAL SEALANT AT BASE, HEAD, AND ALL PENETRATIONS AS REQUIRED TO MEET STC RATINGS.
- ENCLOSE THE TOPS OF ALL PARTIAL HEIGHT PARTITIONS.
- FLOOR ASSEMBLIES TO HAVE IIC RATING (IMPACT INSULATION CLASS) OF NOT LESS THAN 50 WHEN TESTED IN ACCORDANCE WITH ASTM E 492.
- ACOUSTICAL VALUES ARE BASED ON A 3RD PARTY CERTIFICATION OF DESIGN STC RATINGS. DOCUMENTATION AVAILABLE UPON REQUEST TO WBA.
- BUILDING WRAP SERVES AS REQUIRED WRB AND MUST BE TAPED AT ALL EXP., JOINTS, SEAMS, PENETRATIONS AND OPENINGS.
- ALL STUCCO AND MASONRY TO HAVE INDUSTRY STANDARD CONTROL AND EXPANSION EXP. JOINTS.
- ALL INSULATION IS TO BE UNFACED.
- SEE STRUCTURE DRAWINGS FOR SHEAR WALL LOCATIONS.

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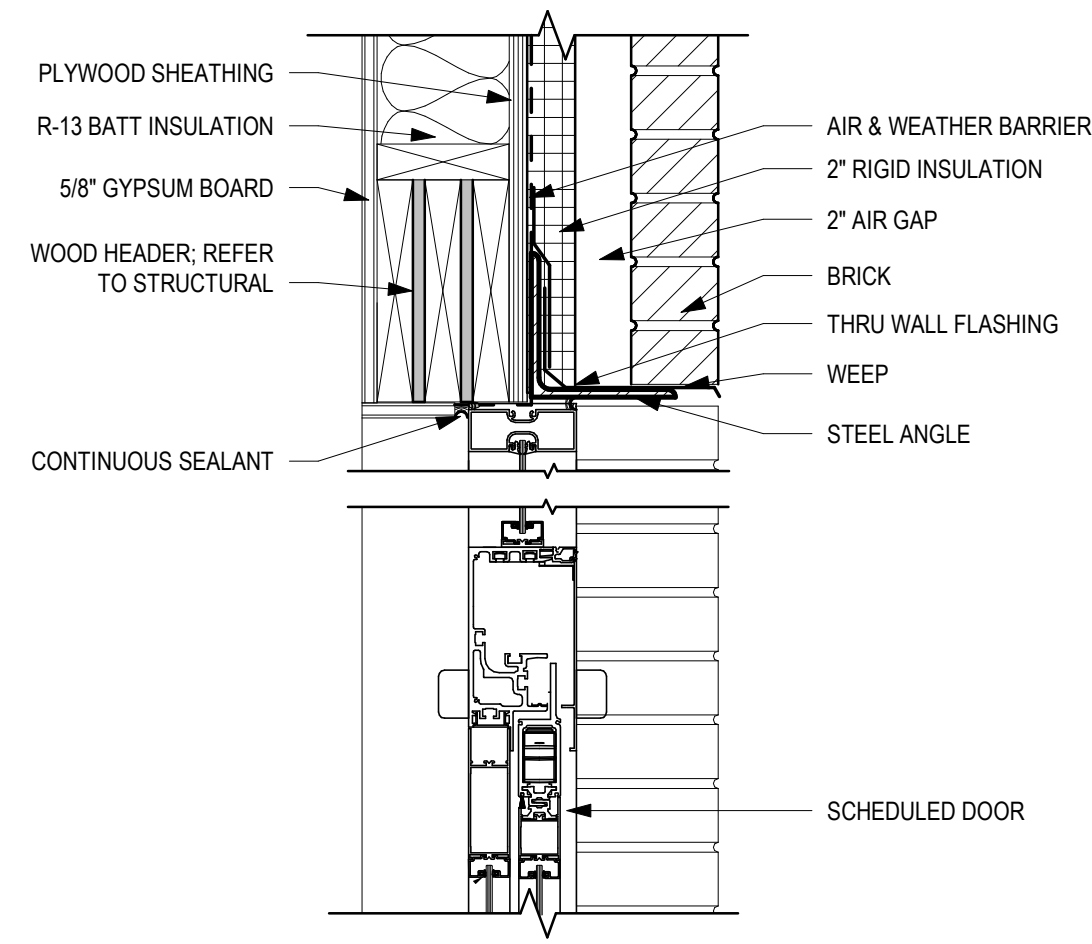
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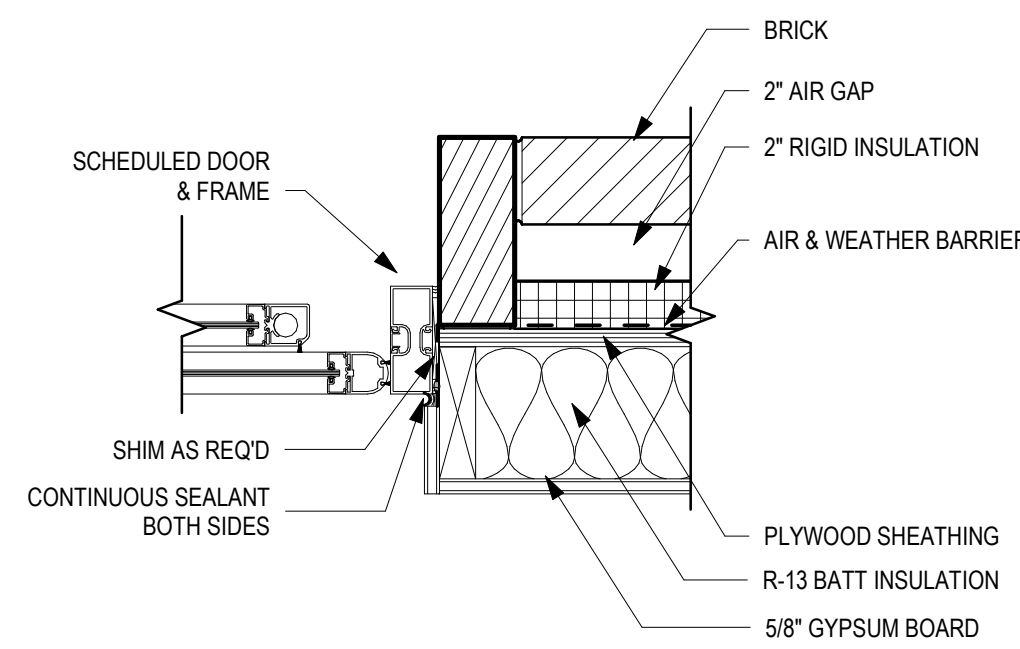
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**PARTITION TYPES & PENETRATION DETAILS**

SHEET NUMBER  
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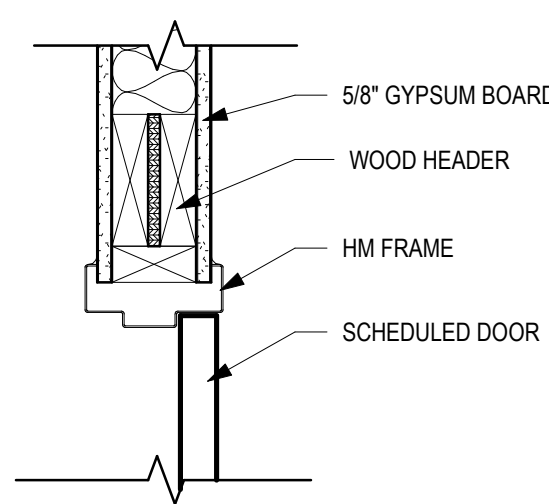




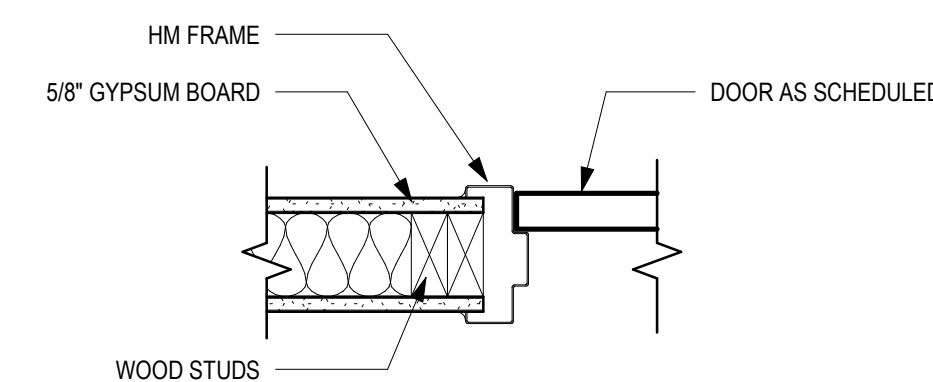
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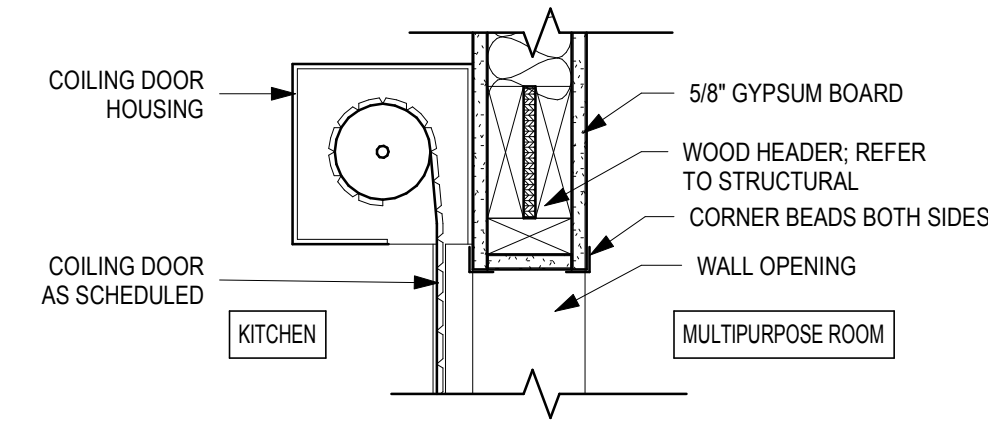
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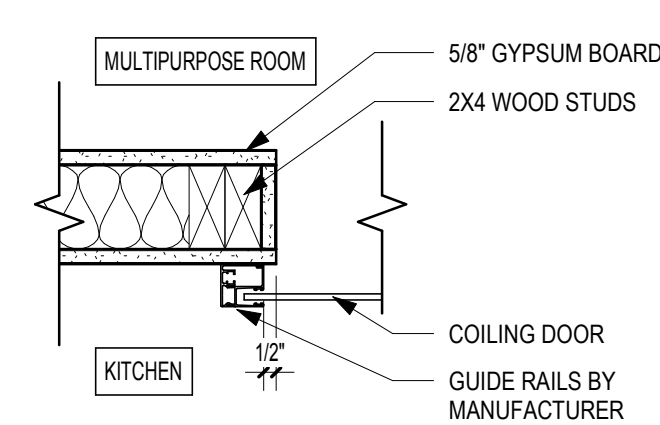
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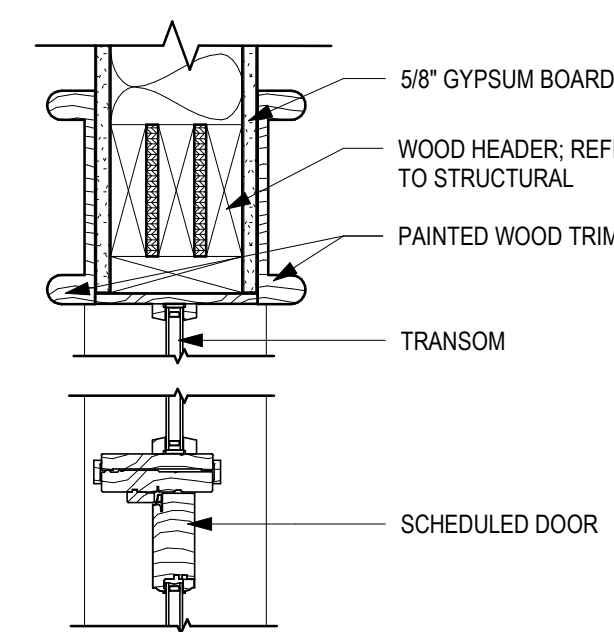
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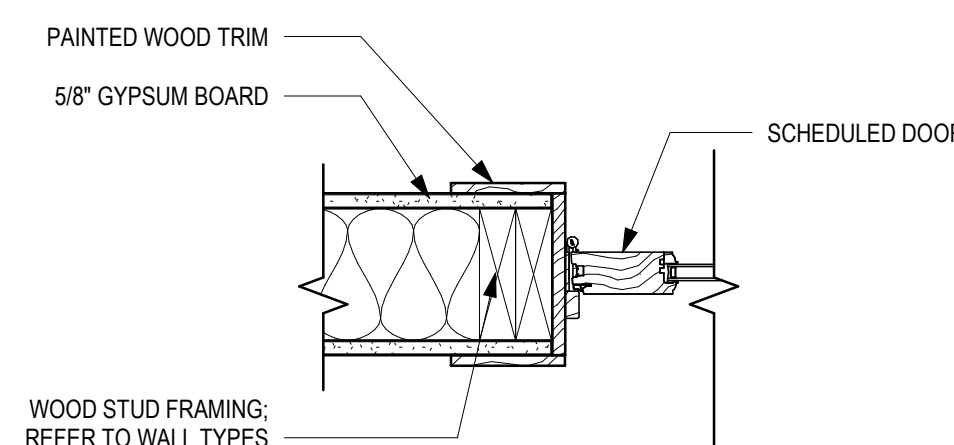
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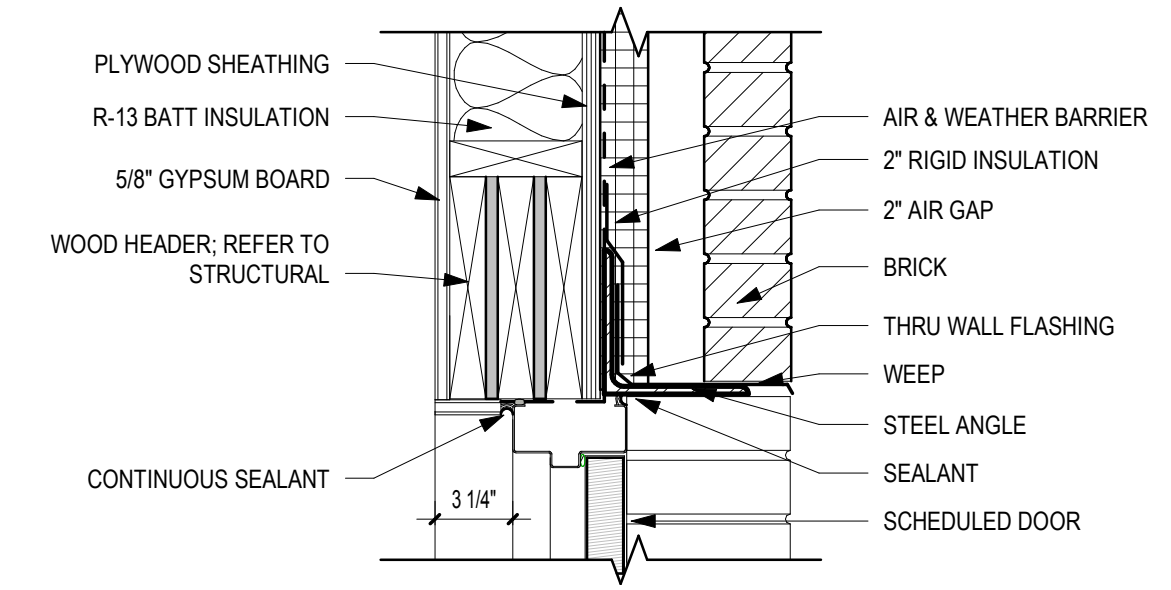
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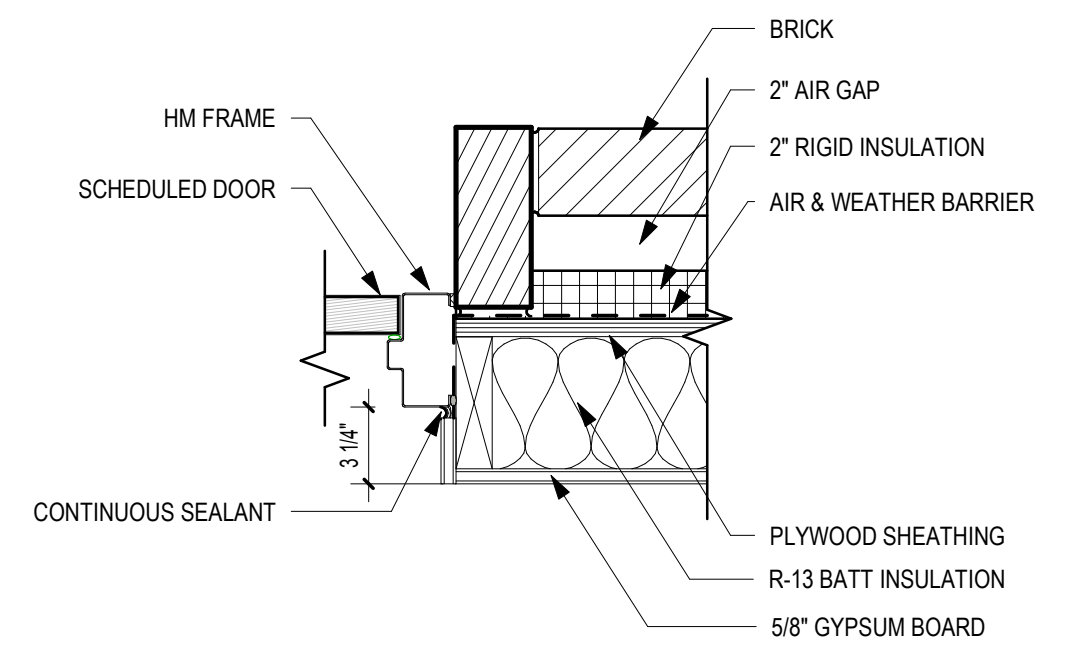
6 WOOD DOOR HEAD @ STUD WALL  
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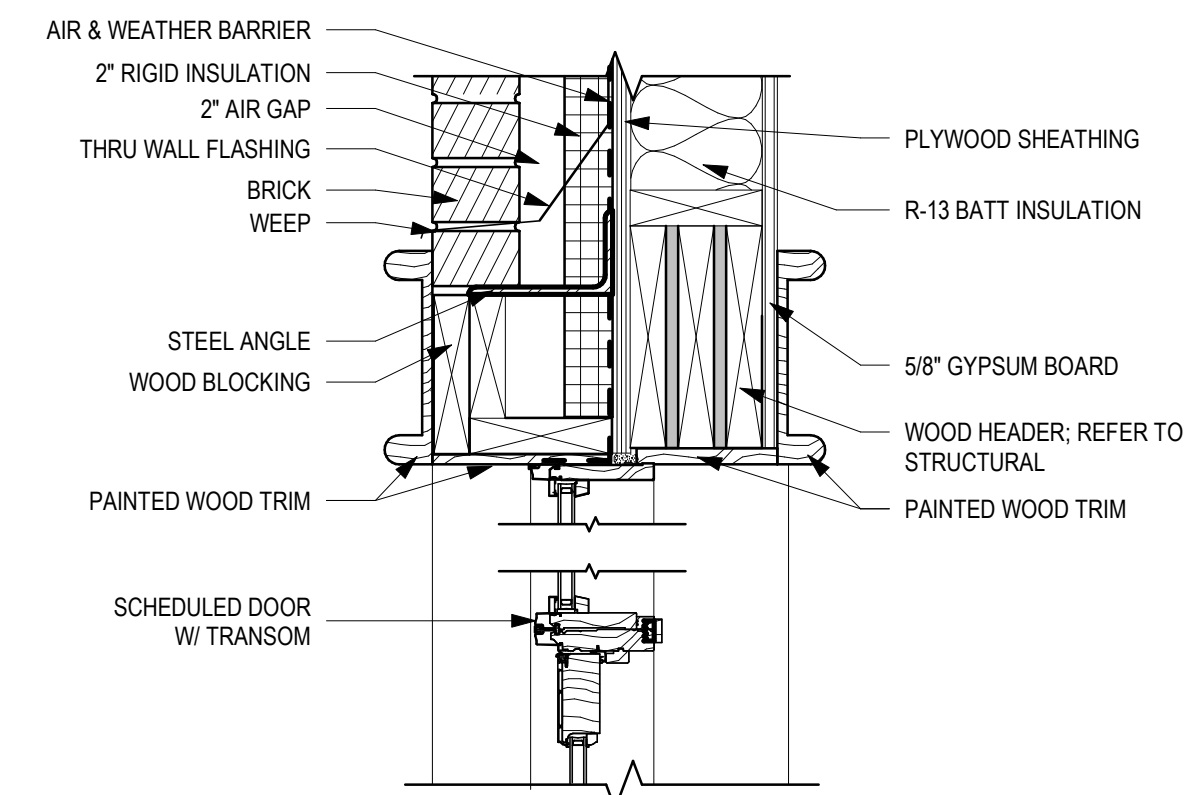
5 WOOD DOOR JAMB @ STUD WALL  
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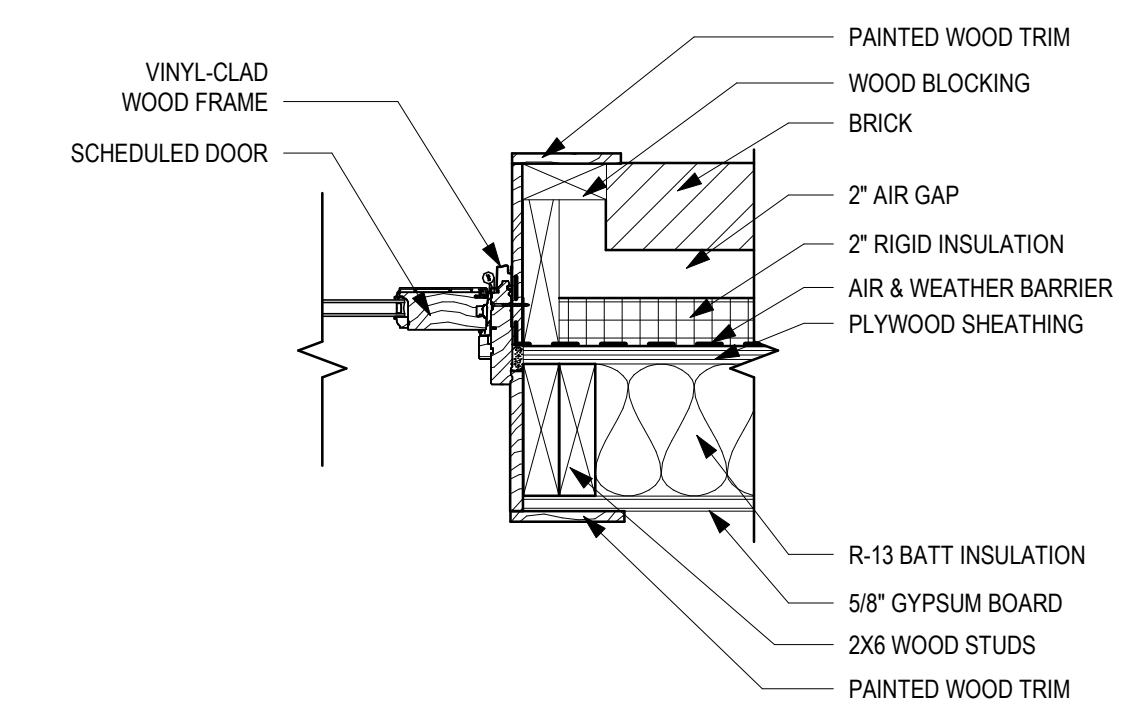
4 DOOR HEAD @ BRICK  
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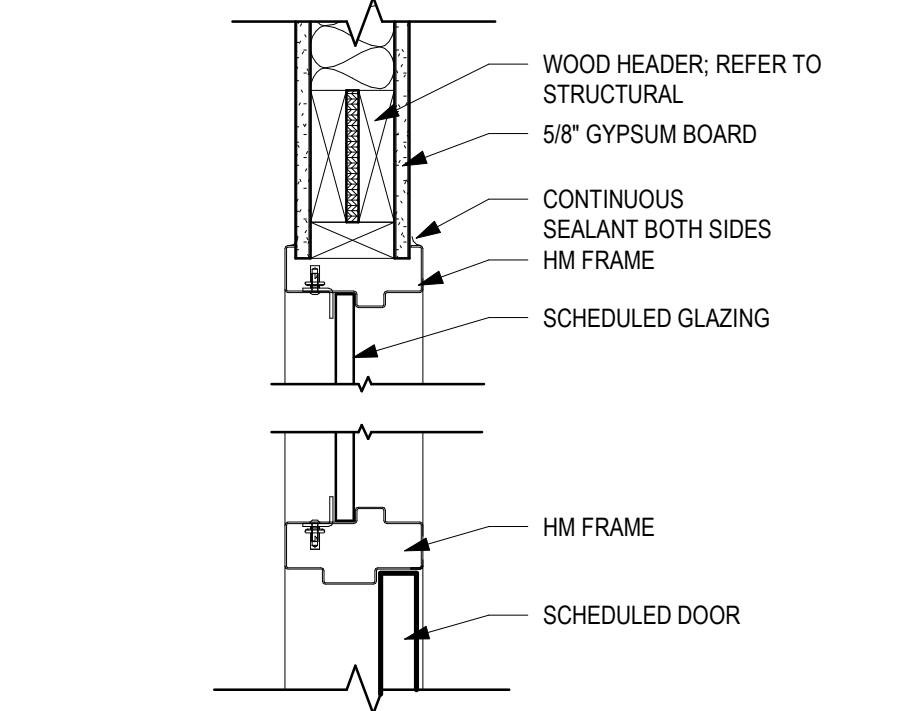
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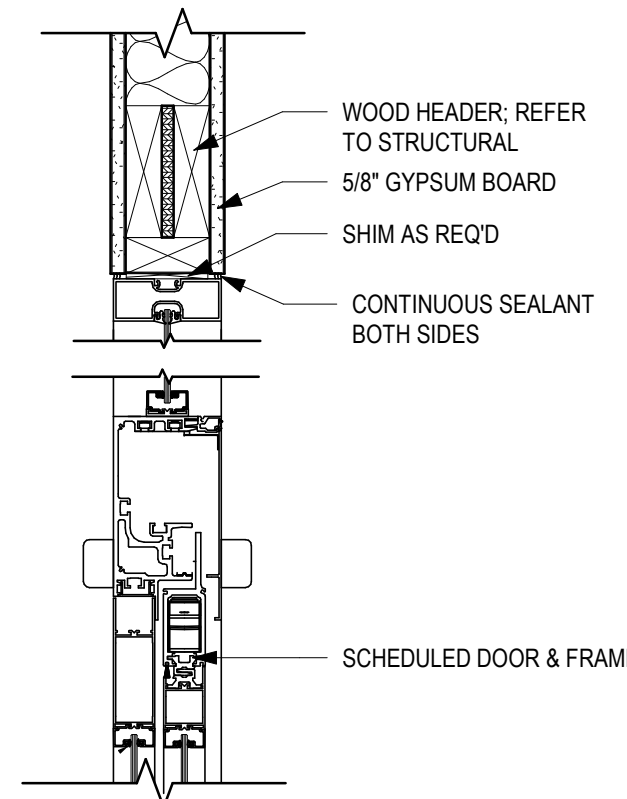
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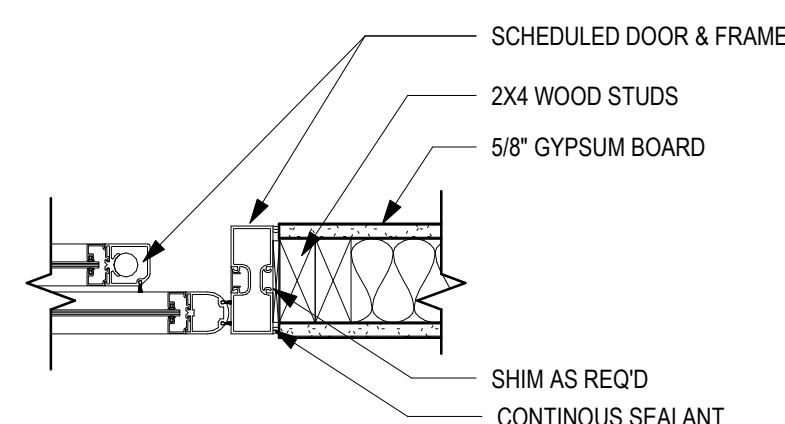
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SCALE: 1 1/2" = 1'-0"



15 HM DOOR HEAD @ TRANSOM  
SCALE: 1 1/2" = 1'-0"



14 SLIDING DOOR HEAD @ STUD WALL  
SCALE: 1 1/2" = 1'-0"



13 SLIDING DOOR JAMB @ STUD WALL  
SCALE: 1 1/2" = 1'-0"



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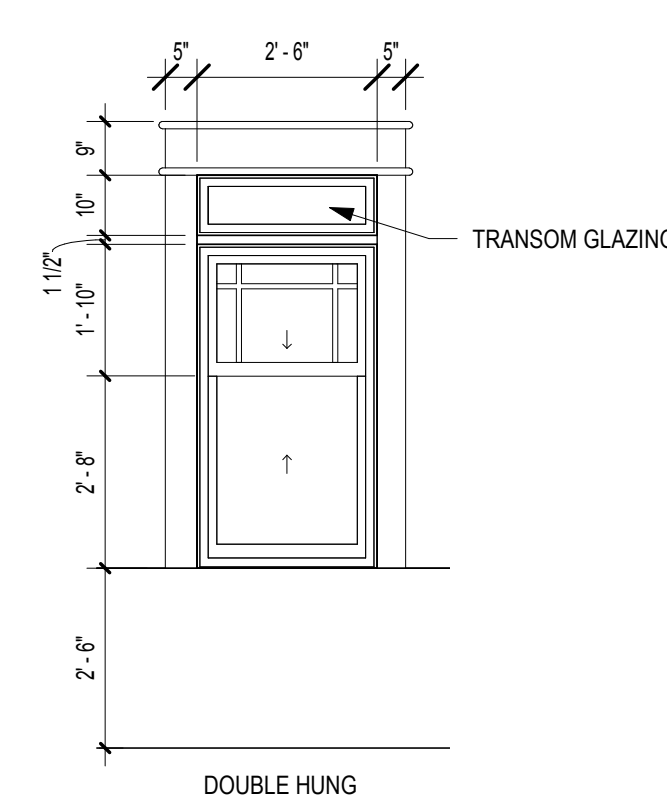
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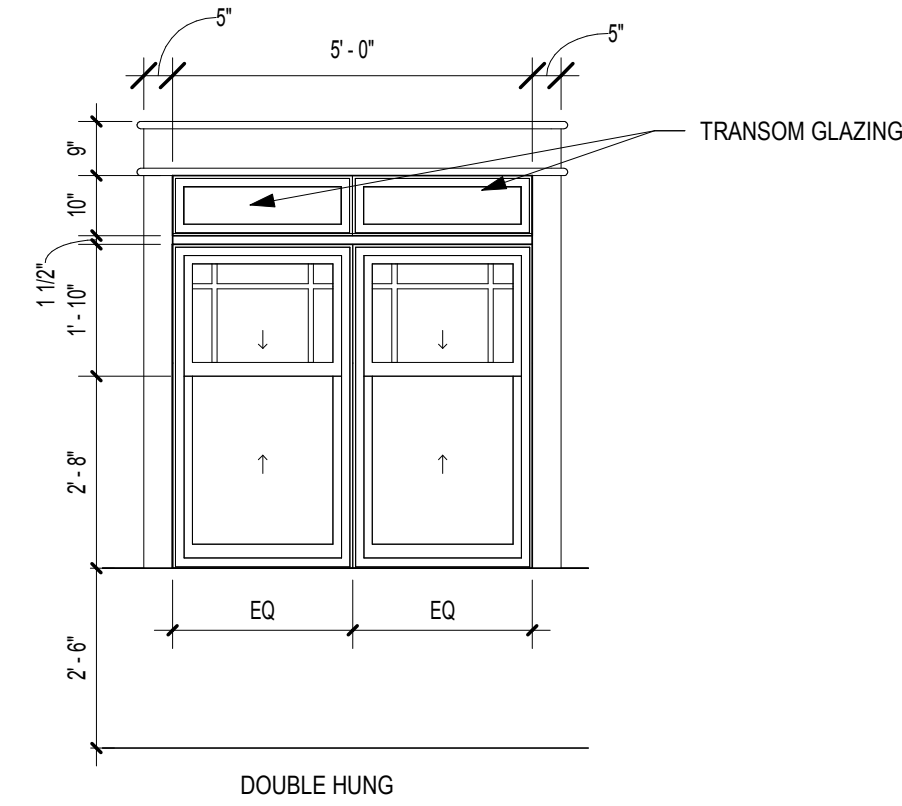
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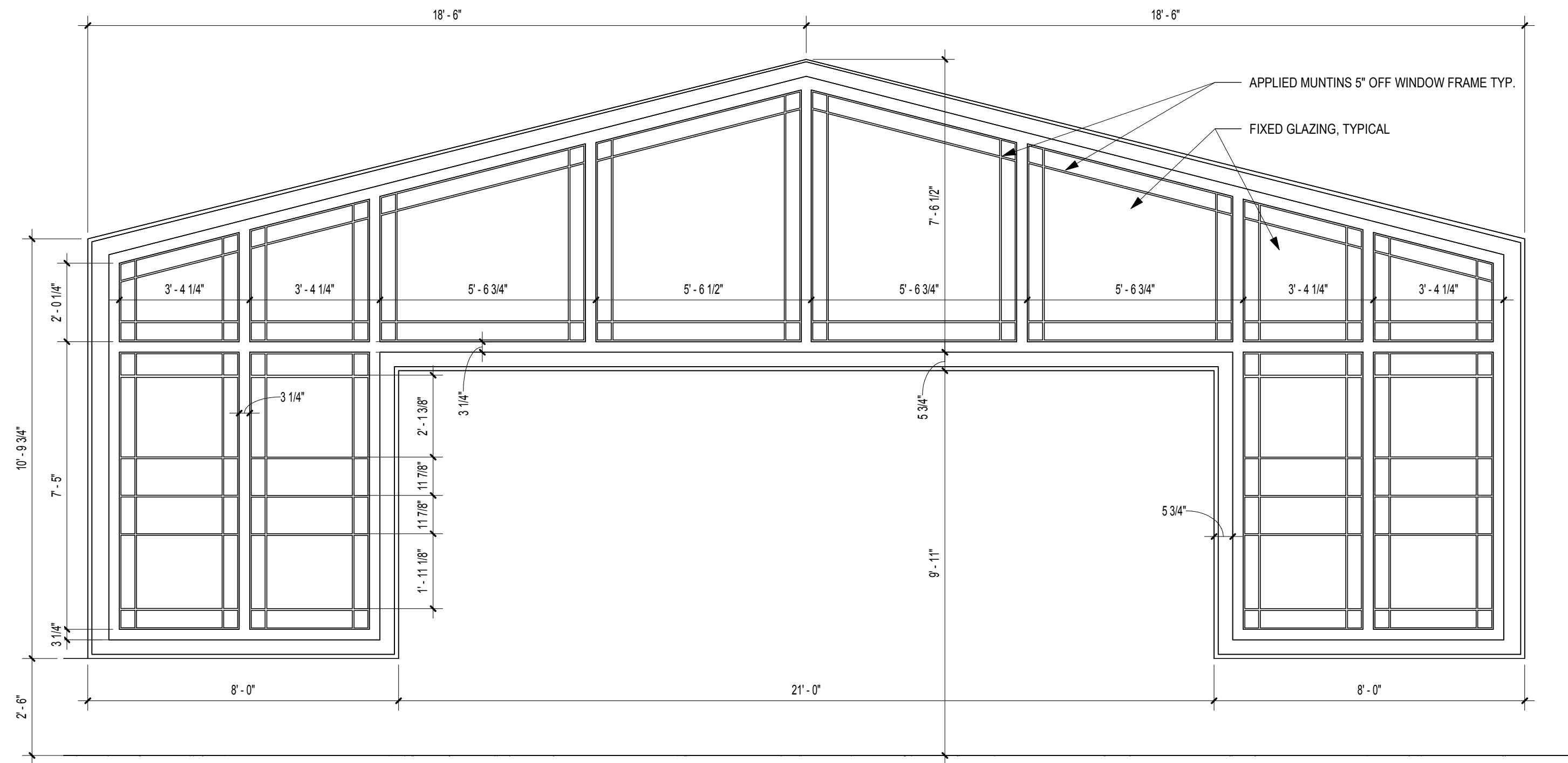
WINDOW SCHEDULE							
Window Number	Material	Finish	Head	Jamb	Sill	Glazing	Comments
W-1	WD	PT	1/A7-11	2/A7-11, 3/A7-11	1/A7-11	IG-1	
W-2	WD	PT	1/A7-11	2/A7-11, 3/A7-11	1/A7-11	IG-1	
W-3	WD	PT	4/A7-11	3/A7-11	4/A7-11, 5/A7-11	IG-1	
W-4	WD	PT	4/A7-11	3/A7-11	5/A7-11	IG-1	
W-5	HM	PT	6/A7-11	7/A7-11	6/A7-11	G-1	



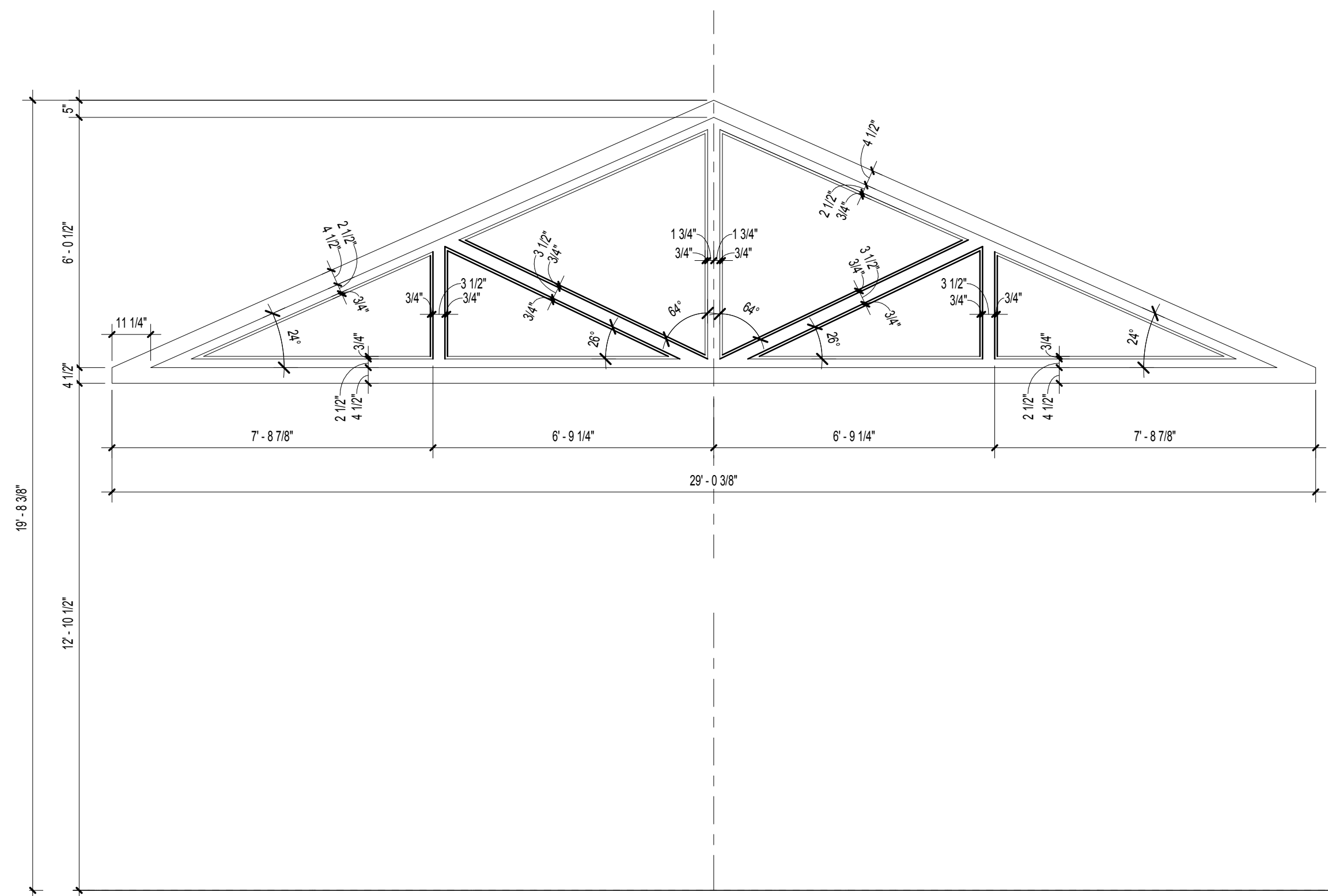
W-1



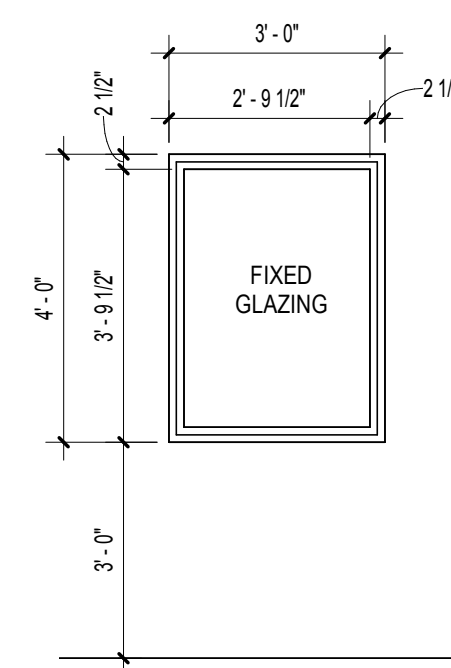
W-2



W-3



W-4



W-5



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**DAWSON COUNTY SENIOR CENTER**  
 201 RECREATION RD  
 DAWSONVILLE, GA 30534

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Print Record  
 2018-06-01 DESIGN DEVELOPMENT 100%  
 2018-06-18 CD PROGRESS PRINT 90%  
 2019-02-19 CONSTRUCTION DOCUMENTS 100%  
 2019-03-08 GRANT REVIEW DOCUMENTS

Revisions		
No.	Date	Description

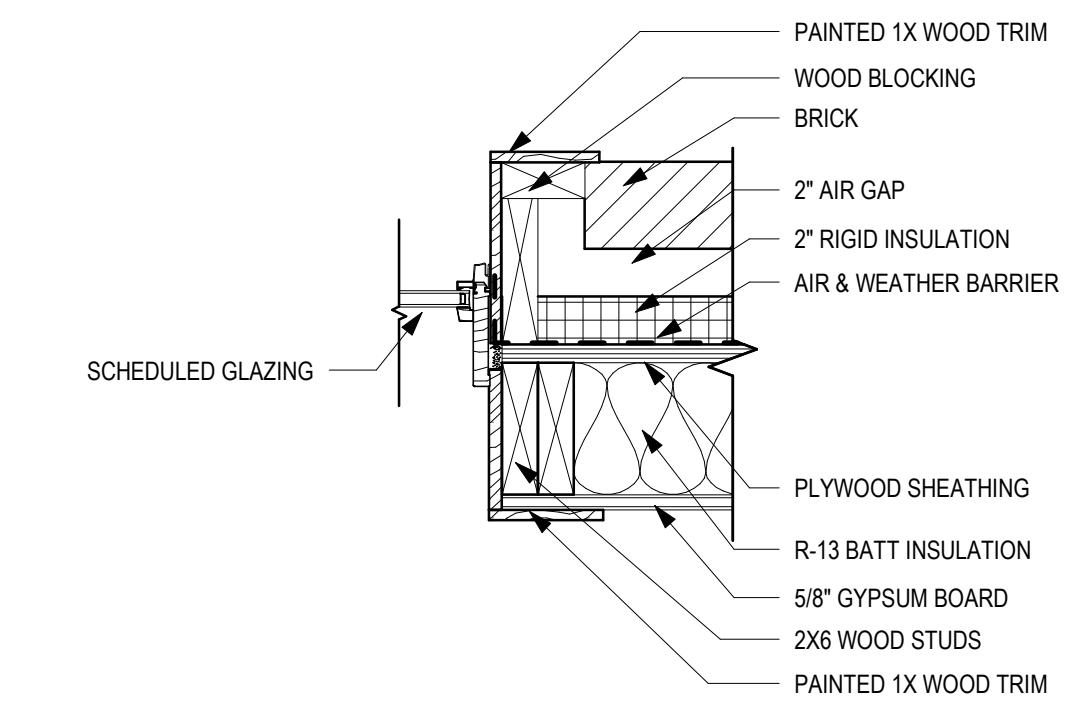
RELEASED FOR CONSTRUCTION

DATE February 04, 2019

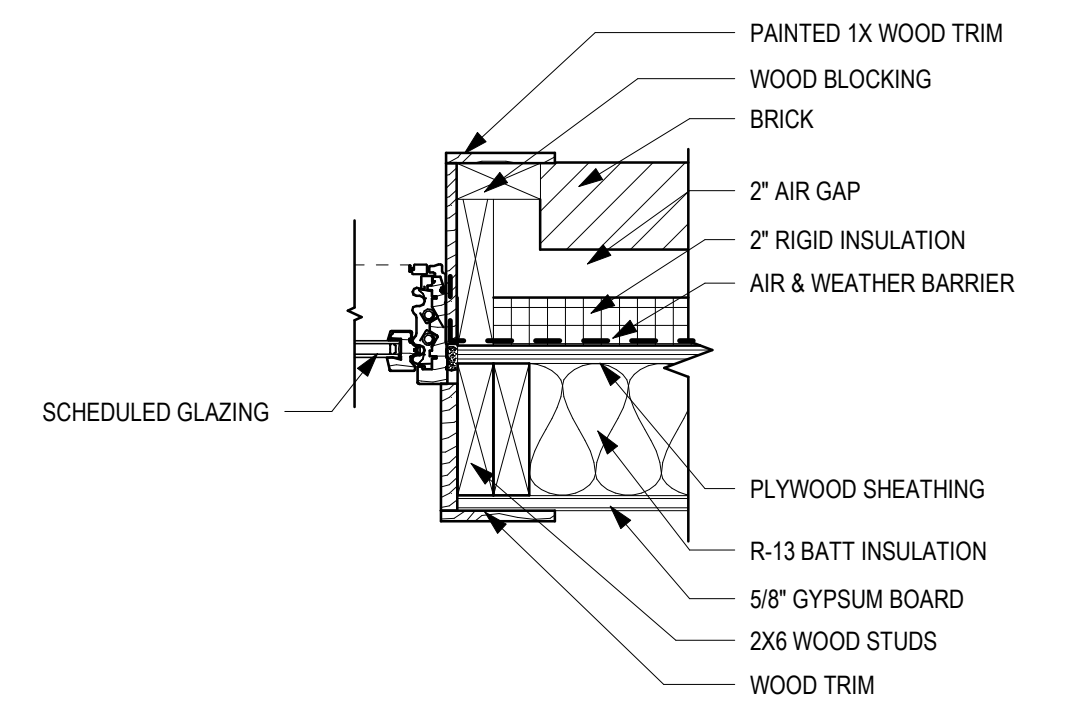
PROJECT NUMBER 1816000.000

SHEET TITLE  
**WINDOW SCHEDULE & ELEVATIONS**

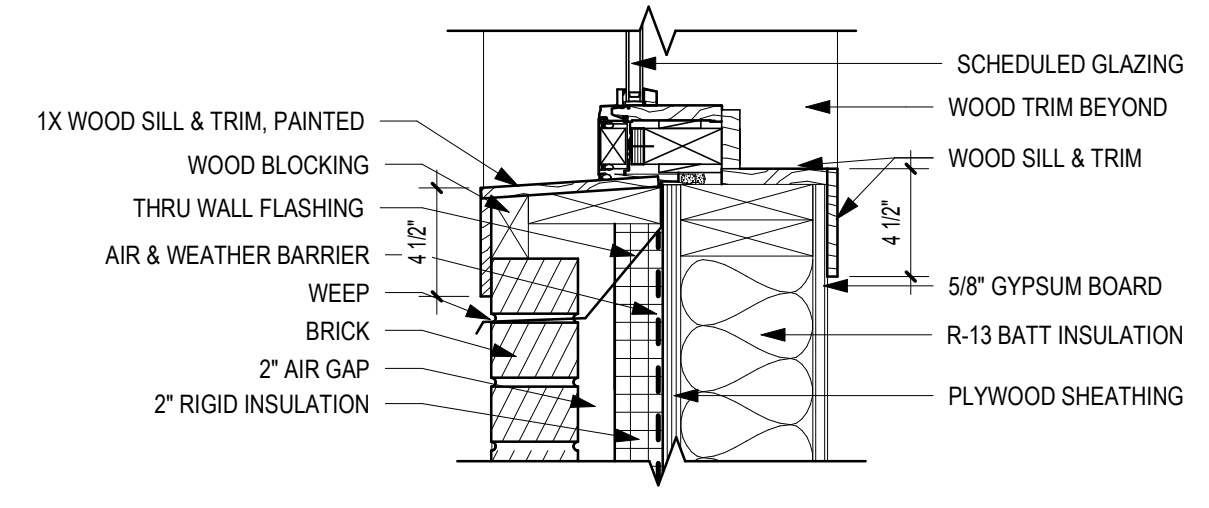
SHEET NUMBER  
**A7-10**



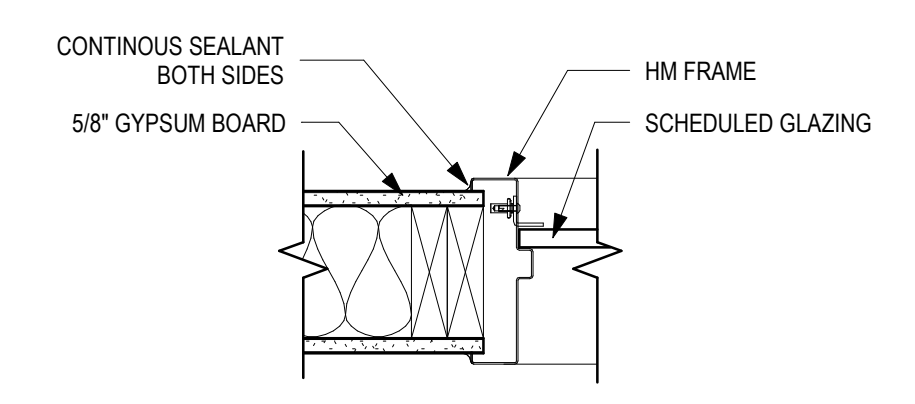
**3** VINYL-CLAD WOOD TRANSOM JAMB  
SCALE: 1 1/2" = 1'-0"



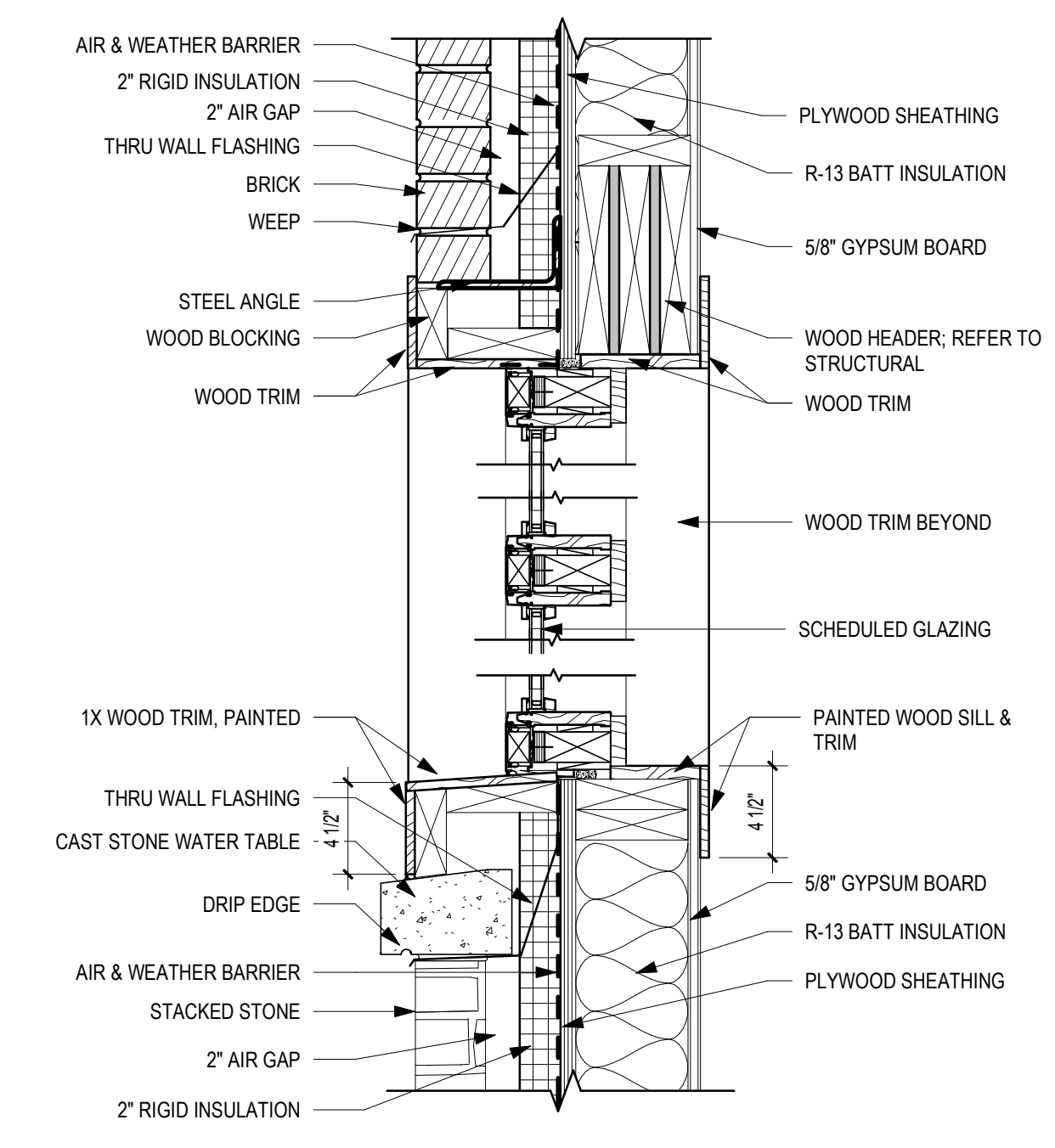
**2** VINYL-CLAD WOOD DOUBLE-HUNG WINDOW JAMB  
SCALE: 1 1/2" = 1'-0"



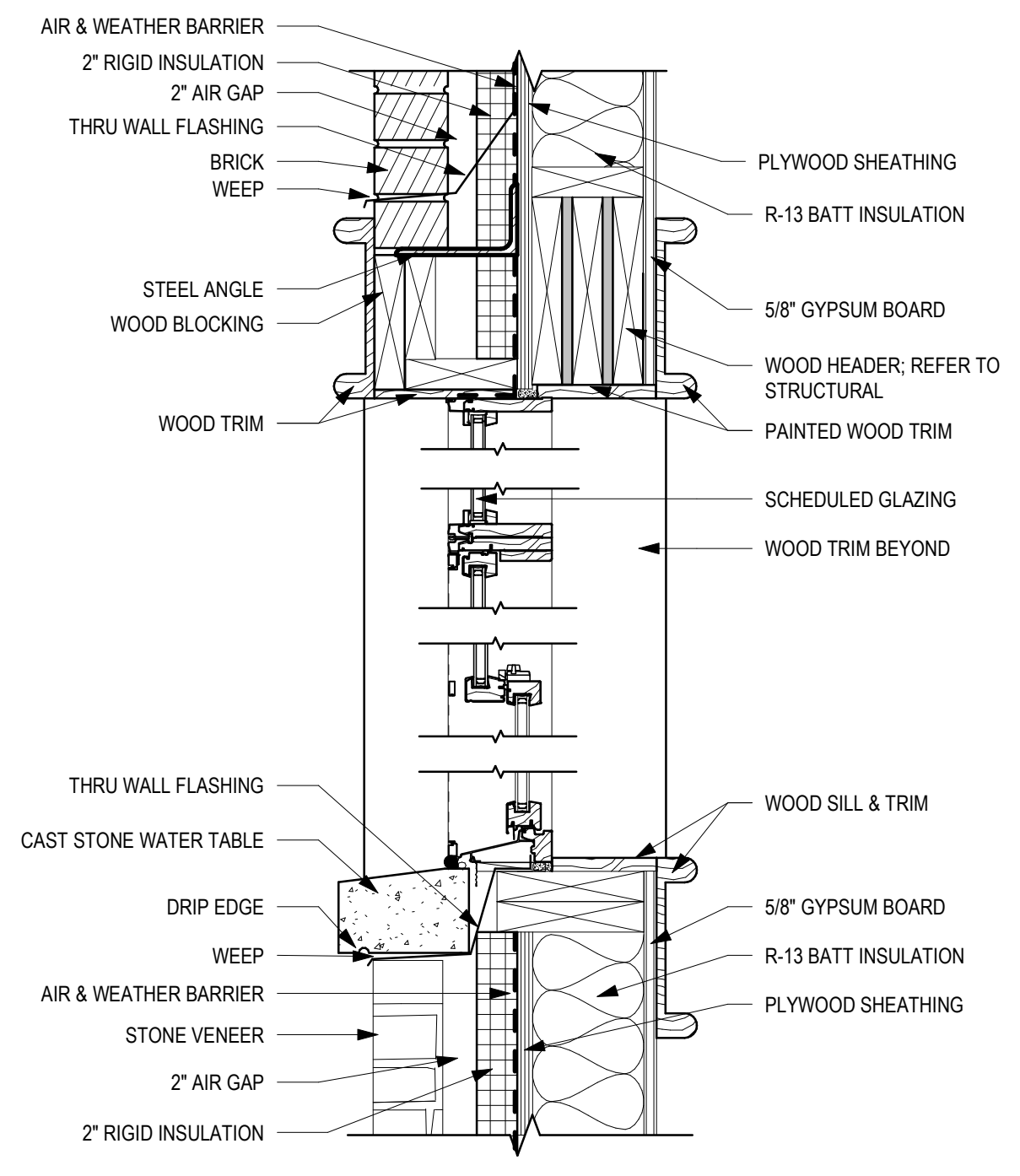
**5** VINYL-CLAD FIXED WOOD WINDOW @HIGH SILL  
SCALE: 1 1/2" = 1'-0"



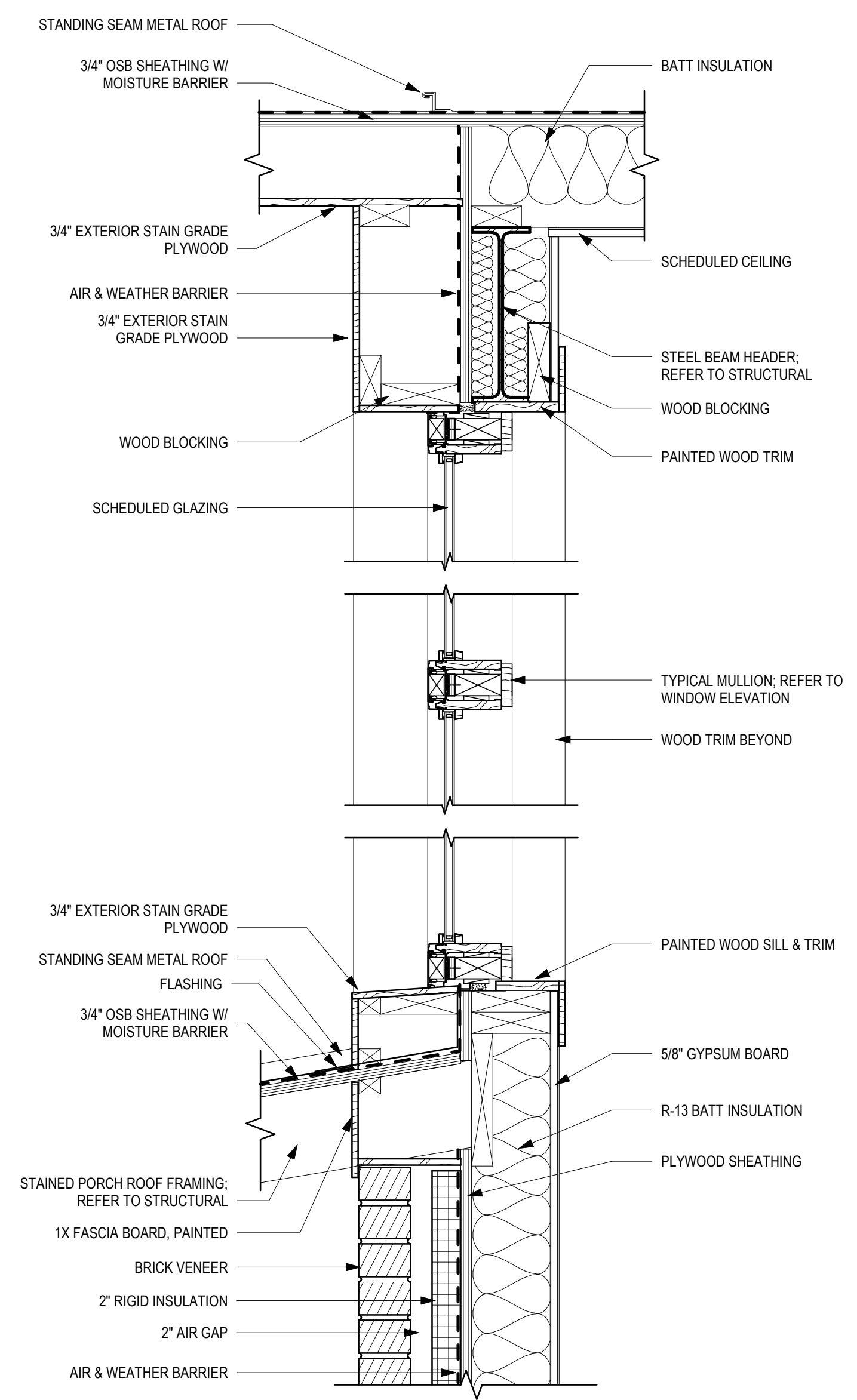
**7** HM WINDOW JAMB @ STUD WALL  
SCALE: 1 1/2" = 1'-0"



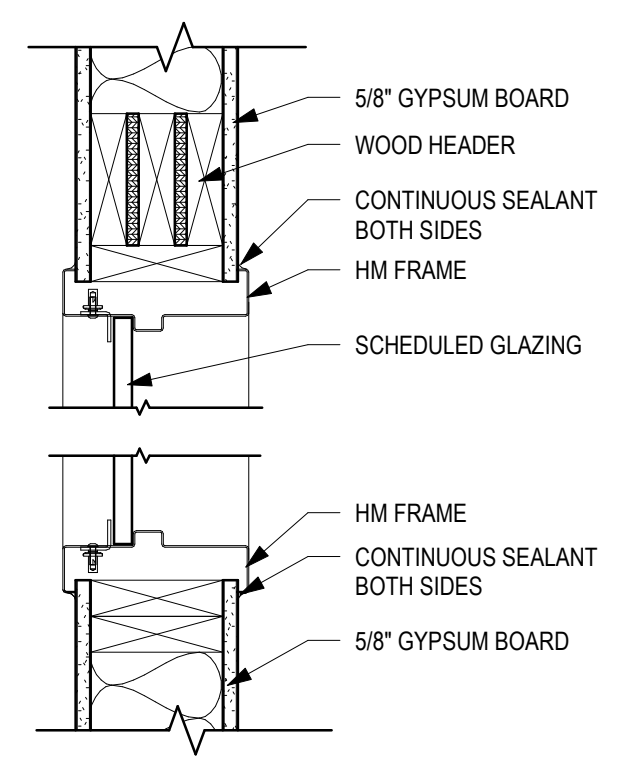
**4** VINYL-CLAD FIXED WOOD WINDOW HEAD, MULLION & SILL  
SCALE: 1 1/2" = 1'-0"



**1** VINYL-CLAD DOUBLE-HUNG WOOD WINDOW HEAD & SILL  
SCALE: 1 1/2" = 1'-0"



**8** VINYL-CLAD FIXED WOOD WINDOW HEAD, MULLION & SILL @ GAME ROOM  
SCALE: 1 1/2" = 1'-0"



**6** HM WINDOW HEAD @ STUD WALL  
SCALE: 1 1/2" = 1'-0"



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**Print Record**

2018-06-01	DESIGN DEVELOPMENT	100%
2018-06-18	CD PROGRESS PRINT	90%
2019-02-19	CONSTRUCTION DOCUMENTS	100%
2019-03-08	GRANT REVIEW DOCUMENTS	

**Revisions**

No.	Date	Description

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DATE February 04, 2019

PROJECT NUMBER 1816000.000

SHEET TITLE

**WINDOW DETAILS**

SHEET NUMBER

**A7-11**

### FINISH / MILLWORK PLAN GENERAL NOTES

- 1 ALL INTERIOR FINISH SPECIFICATIONS ARE INCLUDED HEREIN OR IN THE ATTACHED SPECIFICATIONS IF APPLICABLE. DISCREPANCIES, OMISSIONS AND DISCONTINUED OR DELAYED MATERIALS ARE TO BE REPORTED TO THE DESIGN PROFESSIONAL IMMEDIATELY FOR RESOLUTION PRIOR TO PROCEEDING. THE DESIGN PROFESSIONAL IS NOT RESPONSIBLE FOR DISCREPANCIES OR OMISSIONS THAT ARISE DUE TO CHANGES BY ANOTHER PARTY AFTER INITIAL DRAWING ISSUANCE DATE UNLESS RECORDED AS A REVISION BY WB INTERIORS.
- 2 SUBSTITUTIONS OF FINISH MATERIALS MUST BE SUBMITTED IN WRITTEN FORM AND ACTUAL SAMPLES PROVIDED FOR REVIEW BY THE DESIGN PROFESSIONAL AND USER GROUP. CONSTRUCTION PROFESSIONAL MUST RECEIVE APPROVAL SIGNATURE BEFORE PROCEEDING. REVIEW OF SUBSTITUTIONS DUE TO A CHANGE IN THE ORIGINAL SCHEDULE OR BUDGET MAY BE CONSIDERED ADDITIONAL SERVICES.
- 3 CONSTRUCTION PROFESSIONAL WILL PROVIDE AND INSTALL ALL ITEMS REQUIRED TO RESTORE BASE BUILDING CORRIDOR FINISHES WHEN DEMOLITION AND CONSTRUCTION AFFECTS THESE AREAS. CONSULT USER GROUP REGARDING BUILDING SPECIFICATIONS AND STOCK OF THESE ITEMS.
- 4 INSTALL ALL FINISH MATERIALS ACCORDING TO MANUFACTURER'S INSTRUCTIONS. REMEDIATION OF MOISTURE IN THE CONCRETE, AS IT RELATES TO THE FLOORING MATERIAL AND ITS INSTALLATION MUST BE STRICTLY ADHERED TO IN ORDER TO AVOID RISK OF VOIDING WARRANTY.
- 5 ONLY ONE DYE-LOT OF EACH STYLE AND COLOR SPECIFIED IN THE FINISH SCHEDULE SHALL BE USED.
- 6 REMOVE FINISH MATERIALS FROM PACKING AND ALLOW TO ACCLIMATE TO AREA OF INSTALLATION ACCORDING TO MANUFACTURER'S SPECIFICATIONS.
- 7 ALL SURFACES WHICH ARE TO RECEIVE A FINISH APPLICATION SHALL BE COMPLETELY SMOOTH FOR SCHEDULE FINISH MATERIAL. REPAIR EXISTING CONDITIONS AS REQUIRED.
- 8 ALL MISCELLANEOUS GRILLES, PLATES, ETC. OCCURRING ON WALLS OR CEILINGS ARE TO BE FINISHED TO MATCH WALL OR CEILING ON WHICH THEY OCCUR. CONSULT DESIGN PROFESSIONAL ON FINAL FINISH.
- 9 INSTALL CARPET TILE USING PRESSURE SENSITIVE ADHESIVE; PATTERN OF TILE TO BE ASHLAR.
- 10 FLOORING TRANSITIONS WILL OCCUR UNDER CENTERLINE OF DOOR IN CLOSED POSITION, U.N.O.
- 11 WHERE FLOORING MATERIALS OF DIFFERING THICKNESSES MEET, LEVEL AS REQUIRED TO MEET ADA GUIDELINES AND SMOOTH AS REQUIRED.
- 12 INSTALL CERAMIC, PORCELAIN AND STONE TILES WITH MANUFACTURER'S MINIMUM RECOMMENDED GROUT WIDTH, U.N.O., GROUT TO BE SEALED
- 13 INSTALL REDUCER STRIPS WHERE CARPET/ RESILIENT FLOORING/ CERAMIC TILE MEET SEALED CONCRETE.
- 14 FIRE EXTINGUISHER CABINETS TO BE PAINTED TO MATCH ADJACENT WALL, TYP.; REFER TO SPECIFICATIONS.
- 15 BASE CABINET PLASTIC LAMINATE TOE KICKS TO MATCH CORRESPONDING BASE CABINET PLASTIC LAMINATE SPECIFICATION, U.N.O.
- 16 ALL WET WALLS TO RECEIVE CERAMIC TILES TO HAVE CEMENT BACKER BOARD SUBMIT SAMPLES OF ALL FINISH MATERIALS TO THE DESIGN PROFESSIONAL FOR APPROVAL PRIOR TO ORDERING MATERIALS AND COMMENCING WORK. SUBMIT ACTUAL COLOR AND FINISH OF PAINT ON 8-1/2" X 11" SAMPLES. WALLCOVERING SAMPLES MUST BE CUT FROM ACTUAL ROLL TO BE USED FOR INSTALLATION. SAMPLES OF NATURAL STONE OR OTHER MATERIAL WITH WIDE VARIATIONS SHALL COME FROM ACTUAL MATERIAL TO BE USED.
- 18 PREPARE SURFACES FOR ACCEPTING OF FINISHES PER MANUFACTURER'S RECOMMENDATIONS.
- 19 WHEN BASE IS CONTINUOUS OR TRANSITIONED ON AN OUTSIDE CORNER WHERE FLOOR MATERIALS OF DIFFERENT THICKNESSES OCCUR, SET BASE ON TOP OF LOWER FLOORING MATERIAL AND TRIM THE BOTTOM OF BASE AT THE HIGHER FLOORING SUCH THAT IT IS BOTH TIGHT TO THE FLOORING AND ALIGNS WITH THE BASE AT THE LOWER FLOORING AT THE TOP EDGE. NOTE: WOOD BASE TO BE INSTALLED AFTER FLOORING IS INSTALLED.
- 20 PROVIDE BLOCKING IN AREAS DESIGNED TO RECEIVE OVERHEAD CABINETS. REFER TO FURNITURE DOCUMENTS FOR LOCATIONS.
- 21 PROVIDE BLOCKING IN AREAS DESIGNATED TO RECEIVE TV/ DISPLAY SCREENS AND MARKERBOARDS.
- 22 IF DESIGN PROFESSIONAL'S WRITTEN DESCRIPTION OF COLOR NAME, NUMBER AND MANUFACTURER'S INFORMATION ARE IN CONFLICT, CONTACT DESIGN PROFESSIONAL FOR CLARIFICATION BEFORE ORDERING MATERIALS.
- 23 PROVIDE STONE THRESHOLD FROM RESTROOM PORCELAIN TILE
- 24 FOR ALL ACCENT WALLS NOTED THROUGHOUT, WALL TO RECEIVE SAME BASE AS INDICATED FOR GENERAL FINISH OF ROOM, TYP.
- 25 ALL GYP BD CEILINGS/ SOFFITS TO BE PAINTED P-11A, U.N.O.
- 26 PRIOR TO CARPET INSTALLATION, MOISTURE CONDITIONS MUST BE DETERMINED IN ONE OF TWO MANNERS: 1) RH TESTING - ASTM F2170; 2) CALCIUM CHLORIDE TESTING - ASTM F1861 IN ADDITION ALKALINITY TEST ASTM F710 MUST BE PERFORMED. NOTE: SHOULD TEST RESULTS EXCEED MANUFACTURER'S REQUIREMENTS, REFER TO MANUFACTURER'S RECOMMENDATION AS TO HOW TO REMEDIATE MOISTURE IN CONCRETE. REFER TO SECTION 096113 TILE CARPETING FOR FURTHER CLARIFICATION
- 27 PRIOR TO RESILIENT FLOORING INSTALLATION, MOISTURE CONDITIONS MUST BE DETERMINED IN ONE OF TWO MANNERS: 1) RH TESTING - ASTM F2170; 2) CALCIUM CHLORIDE TESTING - ASTM F1861 IN ADDITION ALKALINITY TEST ASTM F710 MUST BE PERFORMED. NOTE: SHOULD TEST RESULTS EXCEED MANUFACTURER'S REQUIREMENTS, REFER TO MANUFACTURER'S RECOMMENDATION AS TO HOW TO REMEDIATE MOISTURE IN CONCRETE. REFER TO SECTION 096519 RESILIENT FLOOR TILE FOR FURTHER CLARIFICATION

### FINISH KEY NOTES

- F-1 PROVIDE BLOCKING IN WALLS AT ALL ROOMS WITH OVERHEADS AS NOTED ON PLAN; REFER TO FFE PLANS FOR RETURN LOCATION AND TO DETAIL #6 / I-701 FOR CLARIFICATION.
- F-2 PAINT GYP. BOARD CEILINGS AND SOFFITS P-11A, U.N.O.
- F-3 PROVIDE BLOCKING FOR DISPLAY SCREEN. COORDINATE FINAL LOCATIONS WITH USER GROUP; BLOCKING TO BE CENTERED WITH DISPLAY SCREEN
- F-4 PROVIDE TWO (2) COAT HOOKS AT BACK OF EACH OFFICE DOOR. MOUNT ONE AT 66" AFF. AND MOUNT THE SECOND AT 48" MAX AFF. (TO MEET ADA REQUIREMENTS). COAT HOOKS TO BE ALNO. MODEL NO. ALN-S4081. SATIN NICKEL FINISH, BASIS OF DESIGN. COORDINATE W/ WINDOW IN DOOR.
- F-5 PROVIDE THE FOLLOWING FINISHES AT JANITOR CLOSET: FLOOR-SC-1; BASE: B-2; WALLS: P-1C. PROVIDE FRP-1 AT WALLS ADJACENT MOP SINK AND BEHIND BASIN.
- F-6 REFER TO INTERIOR ELEVATIONS FOR EXTENT OF FINISHES.
- F-7 PROVIDE WOOD WINDOW BLINDS AT OPENINGS AS INDICATED ON FINISH PLANS.; MFR: GRABER, STYLE: PREMIUM FAUX WOOD, COLOR TBD. REFER TO SECTION 12 21 13 HORIZONTAL LOUVER BLINDS FOR MORE INFORMATION.
- F-8 PROVIDE RESILIENT TRANSITION STRIP FROM LVT TO CARPET. REFER TO SHEET I-703 / DETAIL 3.
- F-9 PROVIDE STONE THRESHOLD FROM PORCELAIN TILE TO LVT. REFER TO SHEET I-703 / DETAIL 11.
- F-10 PROVIDE STONE THRESHOLD AT RESTROOM PORCELAIN TILE TO CARPET. REFER TO SHEET I-703 / DETAIL 8
- F-11 REFER TO SHEET I-400 FOR FLOOR PATTERN / CLARIFICATIONS.
- F-12 TRANSITION FROM LVT TO RESINOUS FLOOR. REFER TO SHEET I-703 / DETAIL 5.
- F-13 TRANSITION FROM RESINOUS FLOOR TO SEALED CONCRETE. REFER TO SHEET I-703 / DETAIL 7.
- F-14 TRANSITION FROM LVT TO CONCRETE. REFER TO SHEET I-703 / DETAIL 6.

### FINISH LEGEND

#### FLOORING

- CPT-1 - CARPET TILE**  
MFR: SHAW CONTRACT GROUP, BASIS OF DESIGN  
STYLE: RENUE TILE, NO. 5T141  
COLOR: RECHARGE, COLOR NO. 36530  
SIZE: 9" X 36"  
INSTALL: ASHLAR  
METHOD: PRESSURE SENSITIVE ADHESIVE  
LOCATION: TO BE USED THROUGHOUT, UNO  
CONTACT: MARK LAW, 770-241-1345, MARK.LAW@SHAWINC.COM
- CPT-2 - CARPET TILE WALK-OFF MAT**  
MFR: SHAW CONTRACT, BASIS OF DESIGN  
STYLE: STEPPEN OUT, STYLE NO. 5T031  
COLOR: TBD  
SIZE: 24" X 24"  
INSTALL: ASHLAR  
METHOD: PRESSURE SENSITIVE ADHESIVE  
CONTACT: MARK LAW, 770.241.1345, MARK.LAW@SHAWINC.COM
- CPT-3 - CARPET TILE**  
MFR: SHAW CONTRACT GROUP, BASIS OF DESIGN  
STYLE: COLOR FRAME TILE, NO. 5T081  
COLOR: MYSTIC GREY, COLOR NO. 81515  
SIZE: 24" X 24"  
INSTALL: ASHLAR  
METHOD: PRESSURE SENSITIVE ADHESIVE  
LOCATION: TO BE USED THROUGHOUT, UNO  
CONTACT: MARK LAW, 770-241-1345, MARK.LAW@SHAWINC.COM

**CT-1 - PORCELAIN MOSAIC**  
MFR: EMSEER TILE, BASIS OF DESIGN  
STYLE: GLAZED BODY MATCH PORCELAIN TILE  
PATTERN: CHIADO 2' X 2' MESH  
COLOR: CHIADO JEROME  
SIZE: 2' X 2'  
GROUT: TBD  
INSTALLATION: TO BE THINSET, MONOLITHIC  
LOCATION: MEN'S AND WOMEN'S RESTROOMS  
CONTACT: AMANDA HANDLEY, 404.652.1986, AMANDAHANDLEY@EMSER.COM

**CT-2 - CERAMIC MOSAICS**  
MFR: AMERICAN OLEAN, BASIS OF DESIGN  
STYLE: UNGLAZED COLOR BODY PORCELAIN MOSAICS  
COLOR: LIGHT SMOKE A43  
SIZE: 2' X 2'  
GROUT: TBD  
INSTALLATION: TO BE THINSET, MONOLITHIC  
LOCATION: STAFF TLT, ALZHEIMER TLT  
CONTACT: BRYCE WALKER, SPECIALTY TILE, 678.687.7201, BWALKER@SPECIALTYTILE.COM

**LVT-1 - LUXURY VINYL PLANK**  
MFR: ECORE, BASIS OF DESIGN  
STYLE: EXPONA COMMERCIAL - WOOD  
COLOR: 4104 GREY SALVAGED WOOD  
SIZE: 8" X 60" APPROXIMATELY  
INSTALL: DIRECT GLUE, PER DRAWINGS  
LOCATION: PER DRAWINGS  
CONTACT: DEBI PARSONS, SPARTAN SURFACES, 404.987.4035, DPARSONS@SPARTANSURFACES.COM

**LVT-2 - LUXURY VINYL PLANK**  
MFR: ASPECTA, BASIS OF DESIGN  
STYLE: ASPECTA ONE, ALPINE RIDGE  
COLOR: MOONSTONE 1328510  
SIZE: 7.87" X 48.11" APPROXIMATELY  
INSTALL: DIRECT GLUE, PER DRAWINGS  
LOCATION: PER DRAWINGS  
CONTACT: DEBI PARSONS, SPARTAN SURFACES, 404.987.4035, DPARSONS@SPARTANSURFACES.COM

**RS-1 - RESINOUS FLOOR WITH INTEGRAL BASE**  
MFR: STONARD, BASIS OF DESIGN  
STYLE: STONCLAD UT  
COLOR: PEWTER  
TEXTURE: LIGHT TEXTURE  
INSTALL: REFER TO MANUFACTURER'S RECOMMENDATION  
LOCATION: KITCHEN / PER DRAWINGS

**SC-1 - SEALED CONCRETE**  
(CONCRETE TO BE CLEANED AND SEALED)  
MFR: SHERWIN WILLIAMS, BASIS OF DESIGN  
FIRST COAT: ARMORSEAL REXTHANE I FLOOR COATING, B65-60 SERIES, 2.3-3.0 MILS DFT  
SECOND COAT: ARMORSEAL REXTHANE I FLOOR COATING, B65-60 SERIES, 2.3-3.0 MILS DFT

#### BASE

**B-1 - WALL BASE**  
MFR: JOHNSONITE, BASIS OF DESIGN  
COLLECTION: MILLWORK COUNTOURED WALL BASE  
STYLE: 6" MANDALAY - MWXX-H6 - 08  
COLOR: ICICLE W, NO. 08  
LOCATION: CONFERENCE ROOM

**B-1A - WALL BASE WITH QUARTER ROUND**  
MFR: JOHNSONITE, BASIS OF DESIGN  
COLLECTION: MILLWORK COUNTOURED WALL BASE  
STYLE: 6" MANDALAY - MWXX-H6 W / QTR-XX-A QUARTER ROUND - 08  
COLOR: ICICLE W, NO. 08  
LOCATION: WITH LVT-1

**B-2 - WALL BASE**  
MFR: JOHNSONITE, BASIS OF DESIGN  
STYLE: 4" COVE  
COLOR: 55 SILVER GREY (WG)  
LOCATION: HARD SURFACES

**B-3 - WALL BASE**  
MFR: JOHNSONITE, BASIS OF DESIGN  
STYLE: 4" STRAIGHT  
COLOR: 55 SILVER GREY (WG)  
LOCATION: CARPET

**B-4 - WALL BASE**  
MFR: JOHNSONITE, BASIS OF DESIGN  
STYLE: 2-1/2" STRAIGHT  
COLOR: 55 SILVER GREY (WG)  
LOCATION: CARPET

**CT-5 - PORCELAIN TILE**  
MFR: SPECIALTY TILE, BASIS OF DESIGN  
STYLE: SPT SOBU  
COLOR: COTTON (G)  
SIZE: 4" X 8" BULLNOSE  
GROUT: TBD  
INSTALLATION: TO BE THINSET, MONOLITHIC PATTERN  
LOCATION: MEN'S ROOM, LADIES' ROOM, ONLY ON WALLS THAT DO NOT HAVE WALL TILE; REFER TO FINISH PLANS FOR CLARIFICATION.

**CT-6 - GLAZED CERAMIC TILE**  
MFR: AMERICAN OLEAN, BASIS OF DESIGN  
STYLE: GLAZED WALL TILE  
COLOR: ICE WHITE, NO. 0025  
SIZE: 4-1/4" X 4-1/4" COVE BASE, TO MATCH WALL TILE  
GROUT: TBD  
INSTALLATION: TO BE THINSET, MONOLITHIC PATTERN  
LOCATION: STAFF TOILET, TOILET; WET WALL ONLY

#### RUNNING TRIM

**WD-1 - RUNNING TRIM**  
MFR: RANDALL BROTHERS, BASIS OF DESIGN  
STYLE: TO MATCH WINDOW PROFILES  
SIZE: TO MATCH WINDOW PROFILES  
FINISH: PAINTED; SEMI-GLOSS SHEEN  
LOCATION: CONFERENCE ROOM; MULTI-PURPOSE ASSEMBLY LOBBY WAITING, PER DRAWINGS

**WD-2 - CHAIR RAIL**  
MFR: RANDALL BROTHERS, BASIS OF DESIGN  
STYLE: RB-32 D45 STOP  
SIZE: 1/2" X 1-1/2"  
SPECIES: PINE  
FINISH: PAINTED; SEMI-GLOSS SHEEN  
LOCATION: CONFERENCE ROOM; MULTI-PURPOSE ASSEMBLY, PER DRAWINGS

#### WALLS

**CT-3 - PORCELAIN TILE - FIELD**  
MFR: SPECIALTY TILE, BASIS OF DESIGN  
STYLE: SPT SOBU  
COLOR: COTTON  
SIZE: 4" X 16"  
GROUT: TBD  
INSTALLATION: TO BE THINSET, MONOLITHIC PATTERN, TO OCCUR FROM FINISHED FLOOR TO CEILING (REFER TO ELEVATIONS FOR CLARIFICATION)  
LOCATION: MEN'S TOILET, WOMEN'S TOILET; WET WALL ONLY  
CONTACT: BRYCE WALKER, SPECIALTY TILE, 678.687.7201, BWALKER@SPECIALTYTILE.COM

**CT-4 - GLAZED CERAMIC TILE - FIELD TILE**  
MFR: AMERICAN OLEAN, BASIS OF DESIGN  
STYLE: GLAZED WALL TILE  
COLOR: ICE WHITE, NO. 0025  
SIZE: 4-1/4" X 4-1/4"  
GROUT: TBD  
LOCATION: STAFF TOILET, TOILET , WET WALL ONLY; REFER TO DRAWINGS  
CONTACT: BRYCE WALKER, SPECIALTY TILE, 678.687.7201, BWALKER@SPECIALTYTILE.COM

**CT-7 - PORCELAIN TILE - ACCENT TILE**  
MFR: SPECIALTY TILE, BASIS OF DESIGN  
STYLE: SPT SOBU  
COLOR: GREIGE  
SIZE: 4" X 16"  
GROUT: TBD  
INSTALLATION: TO BE THINSET, MONOLITHIC PATTERN, TO OCCUR FROM FINISHED FLOOR TO CEILING (REFER TO ELEVATIONS FOR CLARIFICATION)  
LOCATION: MEN'S TOILET, WOMEN'S TOILET; WET WALL ONLY  
CONTACT: BRYCE WALKER, SPECIALTY TILE, 678.687.7201, BWALKER@SPECIALTYTILE.COM

#### WALLS

**CT-8 - PORCELAIN TILE - ACCENT TILE**  
MFR: SPECIALTY TILE, BASIS OF DESIGN  
STYLE: SPT SOBU  
COLOR: BIRCH  
SIZE: 4" X 16"  
GROUT: TBD  
INSTALLATION: TO BE THINSET, MONOLITHIC PATTERN, TO OCCUR FROM FINISHED FLOOR TO CEILING (REFER TO ELEVATIONS FOR CLARIFICATION)  
LOCATION: MEN'S TOILET, WOMEN'S TOILET; WET WALL ONLY  
CONTACT: BRYCE WALKER, SPECIALTY TILE, 678.687.7201, BWALKER@SPECIALTYTILE.COM

**CT-9 - GLAZED CERAMIC TILE - ACCENT TILE**  
MFR: AMERICAN OLEAN, BASIS OF DESIGN  
STYLE: GLAZED WALL TILE  
COLOR: MUSHROOM, NO. 0038  
SIZE: 4-1/4" X 4-1/4"  
GROUT: TBD  
LOCATION: STAFF TOILET, WET WALL ONLY; REFER TO DRAWINGS  
CONTACT: BRYCE WALKER, SPECIALTY TILE, 678.687.7201, BWALKER@SPECIALTYTILE.COM

**CT-10 - GLAZED CERAMIC TILE - ACCENT TILE**  
MFR: AMERICAN OLEAN, BASIS OF DESIGN  
STYLE: GLAZED WALL TILE  
COLOR: SUMMER RAIN, NO. 0081  
SIZE: 4-1/4" X 4-1/4"  
GROUT: TBD  
LOCATION: STAFF TOILET, WET WALL ONLY; REFER TO DRAWINGS  
CONTACT: BRYCE WALKER, SPECIALTY TILE, 678.687.7201, BWALKER@SPECIALTYTILE.COM

**FRP-1 - FIBERGLASS REINFORCED PLASTIC**  
MFR: MARLITE, BASIS OF DESIGN  
PATTERN: SMOOTH SURFACE  
COLOR: S1005-A  
SIZE: 40 X 80 SHEETS  
CLASS: C  
NOTES: PROVIDE WITH BATTAN AND CORNER GUARDS AS REQUIRED

**P-1 - GENERAL PAINT**  
MFR: SHERWIN WILLIAMS, BASIS OF DESIGN  
COLOR: SW 7672 KNITTING NEEDLES  
NOTES: TWO (2) COATS LATEX, REFER TO SECTION 099123 INTERIOR PAINT FOR SPECIFICATION  
LOCATION: THROUGHOUT, UNO

**P-2 - TRIM / DOOR PAINT**  
MFR: SHERWIN WILLIAMS, BASIS OF DESIGN  
COLOR: SW 7004 SNOWBOUND  
NOTES: TWO (2) COATS LATEX, REFER TO SECTION 099123 INTERIOR PAINT FOR SPECIFICATION  
LOCATION: TYPICAL FOR ALL INTERIOR DOOR FRAMES & MISC. TRIM.

**P-3 - ACCENT PAINT**  
MFR: SHERWIN WILLIAMS, BASIS OF DESIGN  
COLOR: SW 6241 ALEUTIAN  
NOTES: TWO (2) COATS LATEX, REFER TO SECTION 099123 INTERIOR PAINT FOR SPECIFICATION  
LOCATION: PER DRAWINGS

**P-4 - ACCENT PAINT**  
MFR: SHERWIN WILLIAMS, BASIS OF DESIGN  
COLOR: SW 7673 PEWTER CAST  
NOTES: TWO (2) COATS LATEX, REFER TO SECTION 099123 INTERIOR PAINT FOR SPECIFICATION  
LOCATION: PER DRAWINGS

**WP-1 - WOOD PANEL**  
MFR: ARCHITECTURAL SYSTEMS, INC., BASIS OF DESIGN  
STYLE: INTERLOCK ECO-PANELS  
SKU: WPV0898  
SPECIES: MAPLE  
SIZE: 14" X 44"  
CONTACT: ED WHITED, SPECIFIED SOLUTIONS, 864-414-3675, ED@SPECIFIEDSOLUTIONSINC.COM  
LOCATION: PER DRAWINGS

**ST-1 - STONE VENEER**  
NOTE: MATCH STONE USED AT FIREPLACE  
REFER TO ARCHITECTURAL SPECIFICATIONS FOR PRODUCT INFORMATION

#### PAINT SHEEN KEY

- A = FLAT
- B = EGGSHELL
- C = SEMI-GLOSS
- D = EPOXY
- E = DRY FOG

### PLASTIC LAMINATE AND COUNTERTOPS

**PL-1 - PLASTIC LAMINATE**  
MFR: PIONITE, BASIS OF DESIGN  
COLOR: KINGSLEY, NO. VW011  
FINISH: STANDARD - TEXTURED / SUEDE (SD)  
INSTALL: PER DRAWINGS  
NOTES: EDGES TO BE PVC BANDING TO MATCH PLASTIC LAMINATE, BY CHARTER INDUSTRIES, BASIS OF DESIGN

**PL-2 - PLASTIC LAMINATE**  
MFR: WILSONART, BASIS OF DESIGN  
COLOR: BRITANNY BLUE, NO. 321-60  
FINISH: -60 MATTE  
INSTALL: PER DRAWINGS  
NOTES: EDGES TO BE PVC BANDING TO MATCH PLASTIC LAMINATE, BY CHARTER INDUSTRIES, BASIS OF DESIGN

**PL-3 - PLASTIC LAMINATE**  
MFR: WILSONART, BASIS OF DESIGN  
COLOR: SATIN STAINLESS, NO. 4830K-18  
FINISH: LINEARITY FINISH WITH AEON - STANDARD FINISH  
INSTALL: PER DRAWINGS  
NOTES: EDGES TO BE PVC BANDING TO MATCH PLASTIC LAMINATE, BY CHARTER INDUSTRIES, BASIS OF DESIGN

**PL-4 - PLASTIC LAMINATE**  
MFR: PIONITE, BASIS OF DESIGN  
COLOR: WEDDING CAKE, NO. W790  
FINISH: STANDARD - TEXTURED / SUEDE (SD)  
INSTALL: PER DRAWINGS  
NOTES: EDGES TO BE PVC BANDING TO MATCH PLASTIC LAMINATE, BY CHARTER INDUSTRIES, BASIS OF DESIGN

**PL-5 - PLASTIC LAMINATE**  
MFR: NEVAMAR, BASIS OF DESIGN  
COLOR: NEUTRAL GRAY, NO. S6012  
FINISH: ARP (-)  
INSTALL: PER DRAWINGS  
NOTES: EDGES TO BE PVC BANDING TO MATCH PLASTIC LAMINATE, BY CHARTER INDUSTRIES, BASIS OF DESIGN

**PL-6 - PLASTIC LAMINATE**  
MFR: LAMINART, BASIS OF DESIGN  
COLOR: JASPAR, NO. 2200 / PEARLESCENCE  
FINISH: TEXTURED (T)  
INSTALL: PER DRAWINGS  
NOTES: EDGES TO BE PVC BANDING TO MATCH PLASTIC LAMINATE, BY CHARTER INDUSTRIES, BASIS OF DESIGN

**PL-7 - PLASTIC LAMINATE**  
MFR: PIONITE, BASIS OF DESIGN  
COLOR: SLATE, NO. S6268  
FINISH: STANDARD - TEXTURED / SUEDE (SD)  
INSTALL: PER DRAWINGS  
NOTES: EDGES TO BE PVC BANDING TO MATCH PLASTIC LAMINATE, BY CHARTER INDUSTRIES, BASIS OF DESIGN

**SS-1 - SOLID SURFACE - QUARTZ**  
MFR: HANSTONE QUARTZ, BASIS OF DESIGN  
COLOR: BLACKBURN RS401  
FINISH: POLISHED  
THICKNESS: 3 CM. SEE DETAIL  
LOCATION: REFER TO FINISH PLANS FOR LOCATION

**SS-2 - SOLID SURFACE**  
MFR: HI-MACS - LG HAUSYS, BASIS OF DESIGN  
COLOR: RIPE COTTON G516R  
FINISH: POLISHED  
THICKNESS: 3 CM. SEE DETAIL  
LOCATION: REFER TO FINISH PLANS FOR LOCATION

**SS-3 - SOLID SURFACE**  
MFR: WILSONART, BASIS OF DESIGN  
COLOR: DUSK ICE, NO 9203CE  
FINISH: POLISHED  
THICKNESS: 3 CM. SEE DETAIL  
LOCATION: REFER TO FINISH PLANS FOR LOCATION

#### CEILINGS

**ACT-1 - ACOUSTICAL CEILING TILE (MINERAL FIBER)**  
MFR: ARMSTRONG, BASIS OF DESIGN  
STYLE: FINE FISSUED  
MODEL NO: 1732  
EDGE: ANGULAR REGULAR  
SIZE: 2' X2' X 5/8"  
COLOR: WHITE  
GRID: 15/16" PRELUDE XL  
COLOR: WHITE  
LOCATION: REFER TO RCPS FOR LOCATIONS

**ACT-2 - ACOUSTICAL CEILING TILE (MINERAL FIBER)**  
MFR: ARMSTRONG, BASIS OF DESIGN  
STYLE: CLEAN ROOM VL UNPERFORATED  
MODEL NO: 509  
EDGE: SQUARE LAY IN  
SIZE: 2' X2' X 5/8"  
COLOR: WHITE  
GRID: 15/16" PRELUDE XL  
COLOR: WHITE  
LOCATION: KITCHEN / PER DRAWINGS

**P-11 - CEILING PAINT**  
MFR: SHERWIN WILLIAMS, BASIS OF DESIGN  
COLOR: SW 7004 SNOWBOUND  
FINISH: TWO (2) COATS LATEX  
LOCATION: REFER TO RCPS FOR LOCATIONS  
NOTES: REFER TO SECTION 099123 INTERIOR PAINTING FOR SPECIFICATION



### DAWSON COUNTY SENIOR CENTER

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2019-02-19	CONSTRUCTION DOCUMENTS	100%
2019-03-08	GRANT REVIEW DOCUMENTS	

Revisions		
No.	Date	Description

#### RELEASED FOR CONSTRUCTION

DATE February 04, 2019

PROJECT NUMBER 1816000.000

### SHEET TITLE FINISH & MILLWORK KEY NOTES & LEGENDS

SHEET NUMBER

# I-001



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2019-03-08 GRANT REVIEW DOCUMENTS

Revisions

No.	Date	Description

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PROJECT NUMBER 1816000.000

SHEET TITLE

**FINISH MILLWORK PLAN**

SHEET NUMBER

**I-100**

**FINISH PLAN LEGEND**

- CROWN MOULDING AND FINISH
- WALL FINISH ABOVE CHAIR RAIL
- CHAIR RAIL AND FINISH
- WALL FINISH BELOW CHAIR RAIL
- BASE FINISH

- WALL FINISH BASE FINISH

- ACCENT WALL FINISH

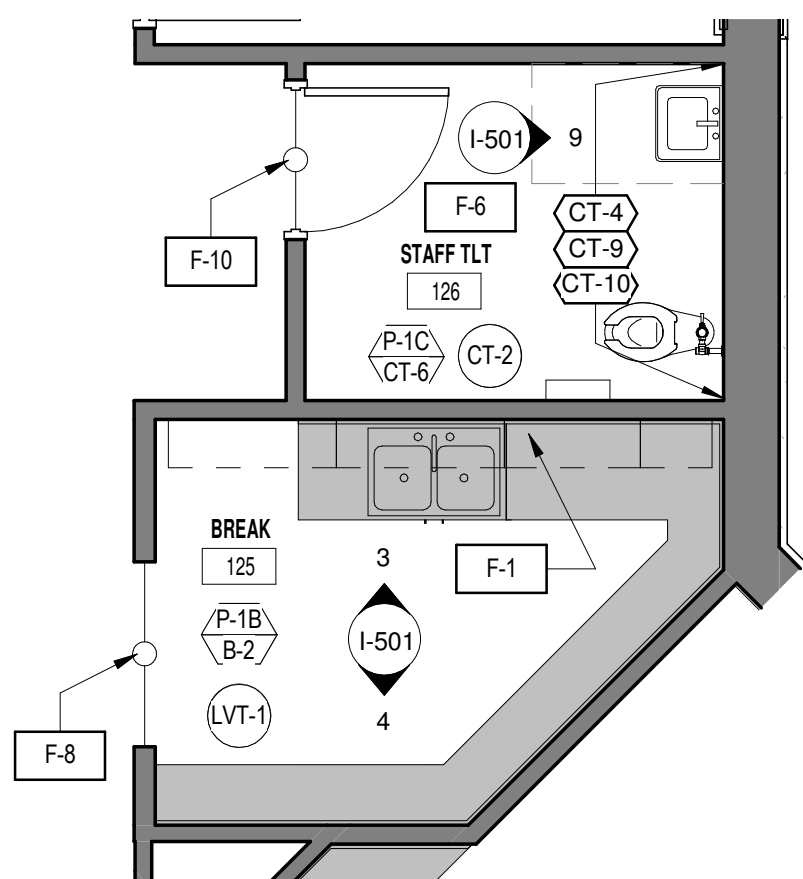
- FLOOR FINISH

- CEILING FINISH

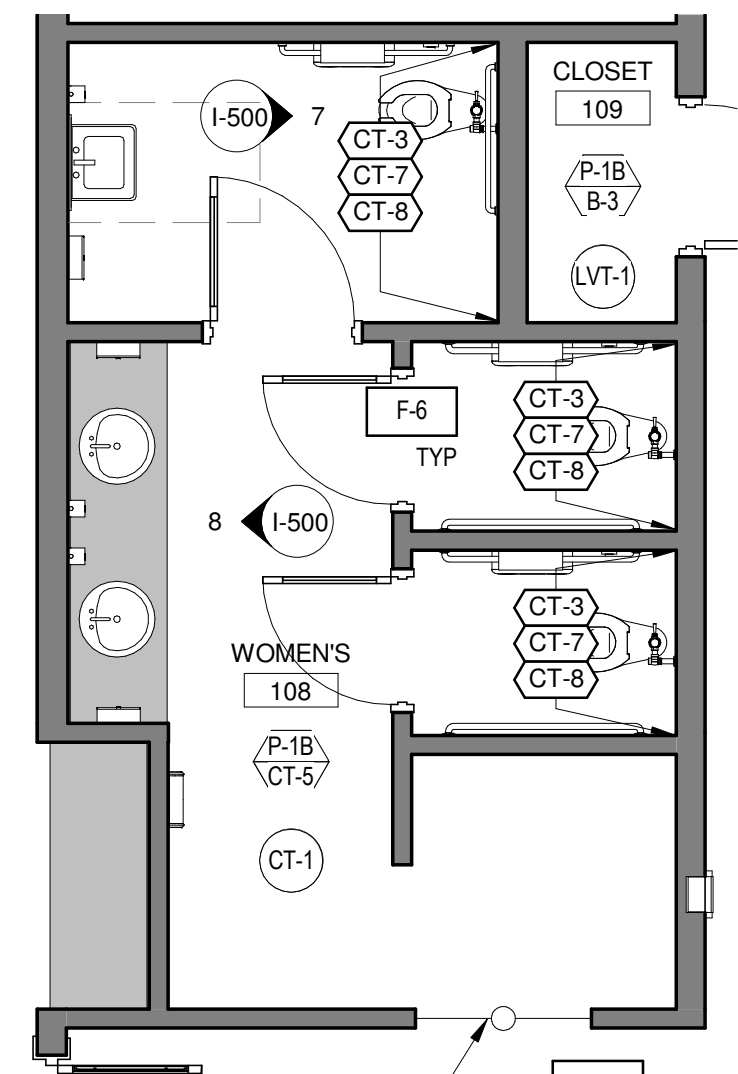
- TRANSITION STRIP

- KEY NOTE - REFER TO SHEET I-001

NOTE: REFER TO SHEET I-001 FOR COMPLETE LIST OF FINISHES



**3** ENLARGED FINISH MILLWORK PLAN - 125 BREAK  
I-100 1/4" = 1'-0"




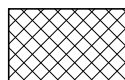


**2** ENLARGED FINISH MILLWORK PLAN - 108 RESTROOMS  
I-100 1/4" = 1'-0"

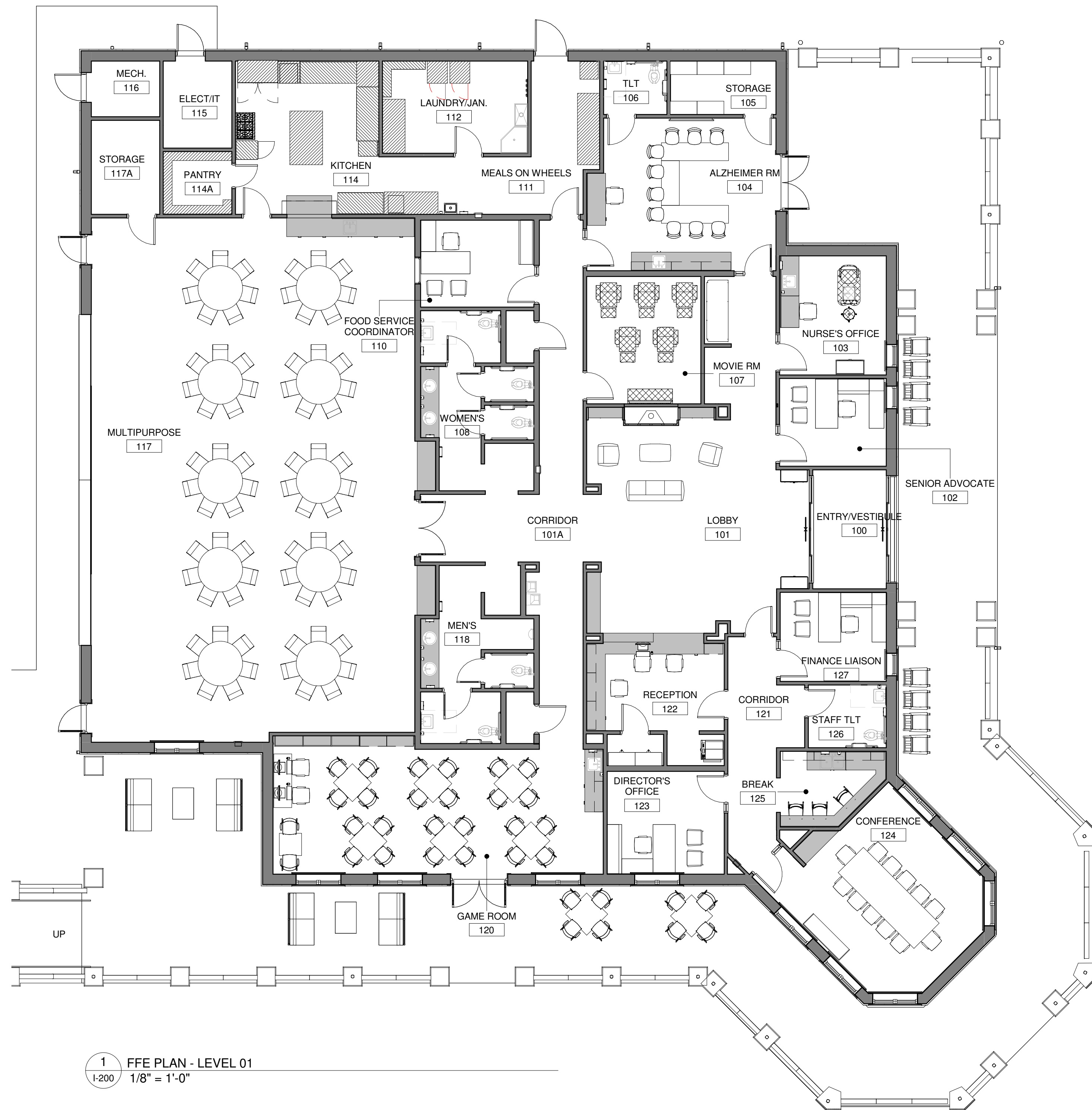


**1** FINISH MILLWORK PLAN - LEVEL 01  
I-100 1/8" = 1'-0"

FILENAME: C:\Users\kangul\Documents\My Recent Projects\20171816000000 Dawson Senior Center\1816000000 Dawson Senior Center\XAM\JUS\_KLambert.dwg SHEET NAME: FFE PLAN - LEVEL ONE SHEET NUMBER: I-200 PROJECT NAME: PROJECT NAME 3/6/2019 3:04:48 PM

**FFE PLAN LEGEND**

-  NEW FURNITURE
-  EXISTING FURNITURE TO BE RELOCATED
-  NEW MILLWORK
-  KITCHEN EQUIPMENT / N.I.C.



**1** FFE PLAN - LEVEL 01  
I-200 1/8" = 1'-0"

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*Revisions*

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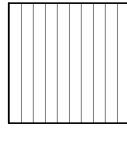
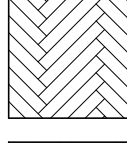
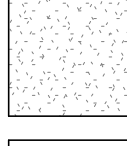
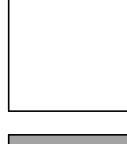

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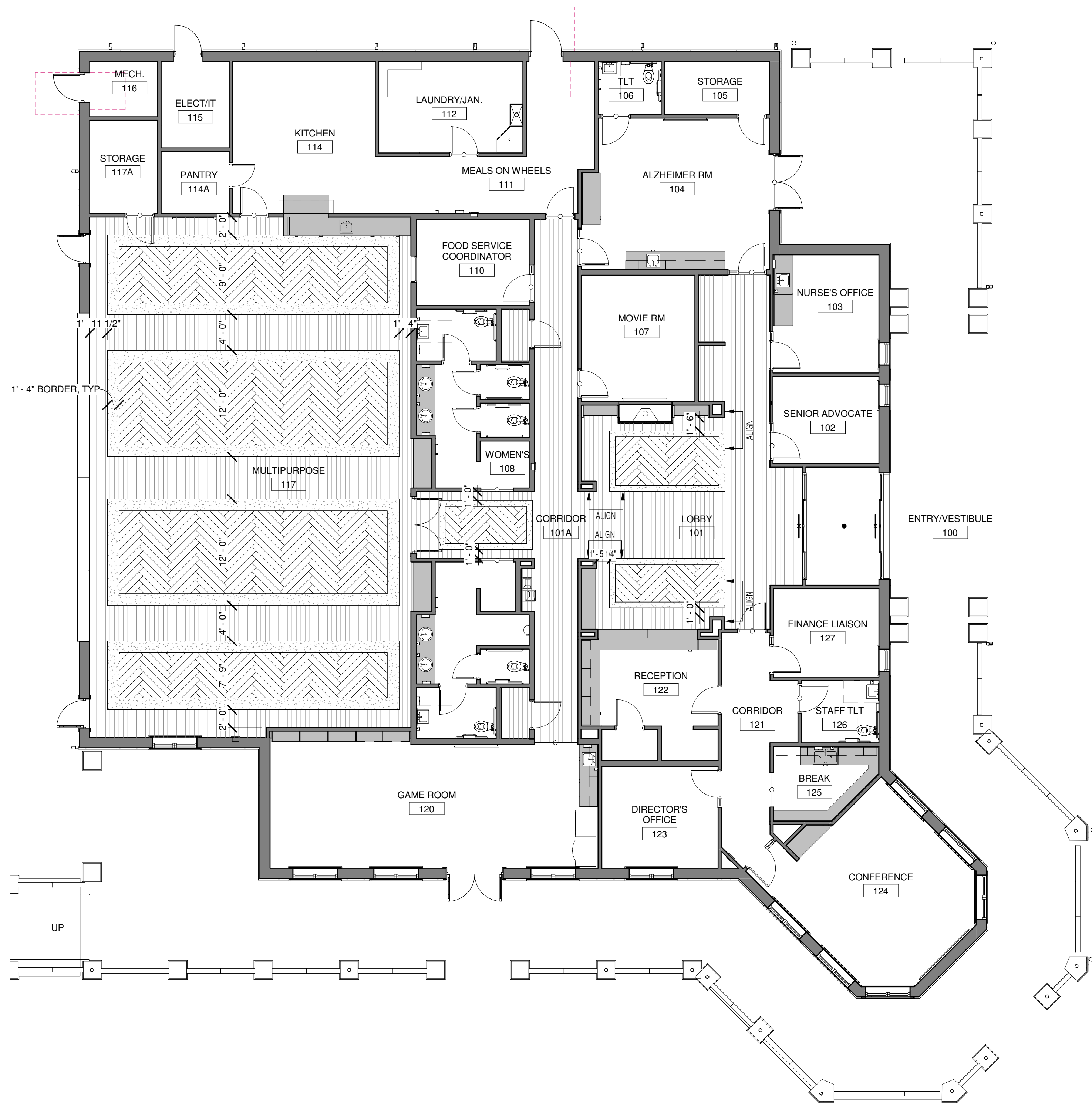
SHEET TITLE  
**FF&E PLAN - LEVEL ONE**

SHEET NUMBER  
**I-200**

Issued for information only

**FINISH FLOOR PATTERN PLAN LEGEND**

-  LVT-1, LINEAR INSTALL
-  LVT-1, HERRINGBONE INSTALL
-  LVT-2, BORDER; ALL BORDERS TO BE 2 PLANK WIDTHS
-  VARIES, REFER TO SHEET I-100
-  NEW MILLWORK



**1** FINISH FLOOR PATTERN PLAN  
1/400 1/8" = 1'-0"



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SHEET TITLE  
**FINISH FLOOR PATTERN PLAN**

SHEET NUMBER  
**I-400**



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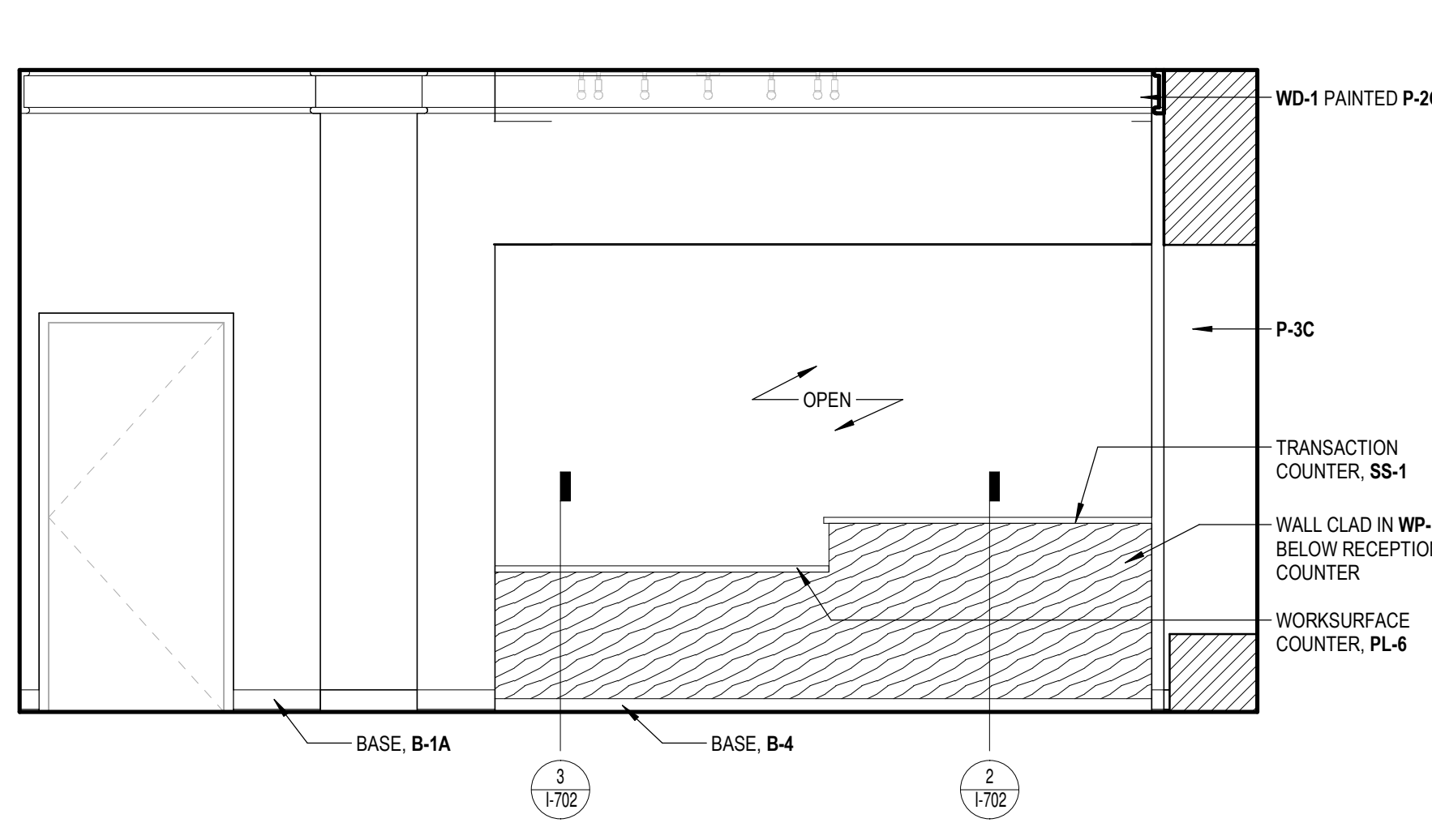
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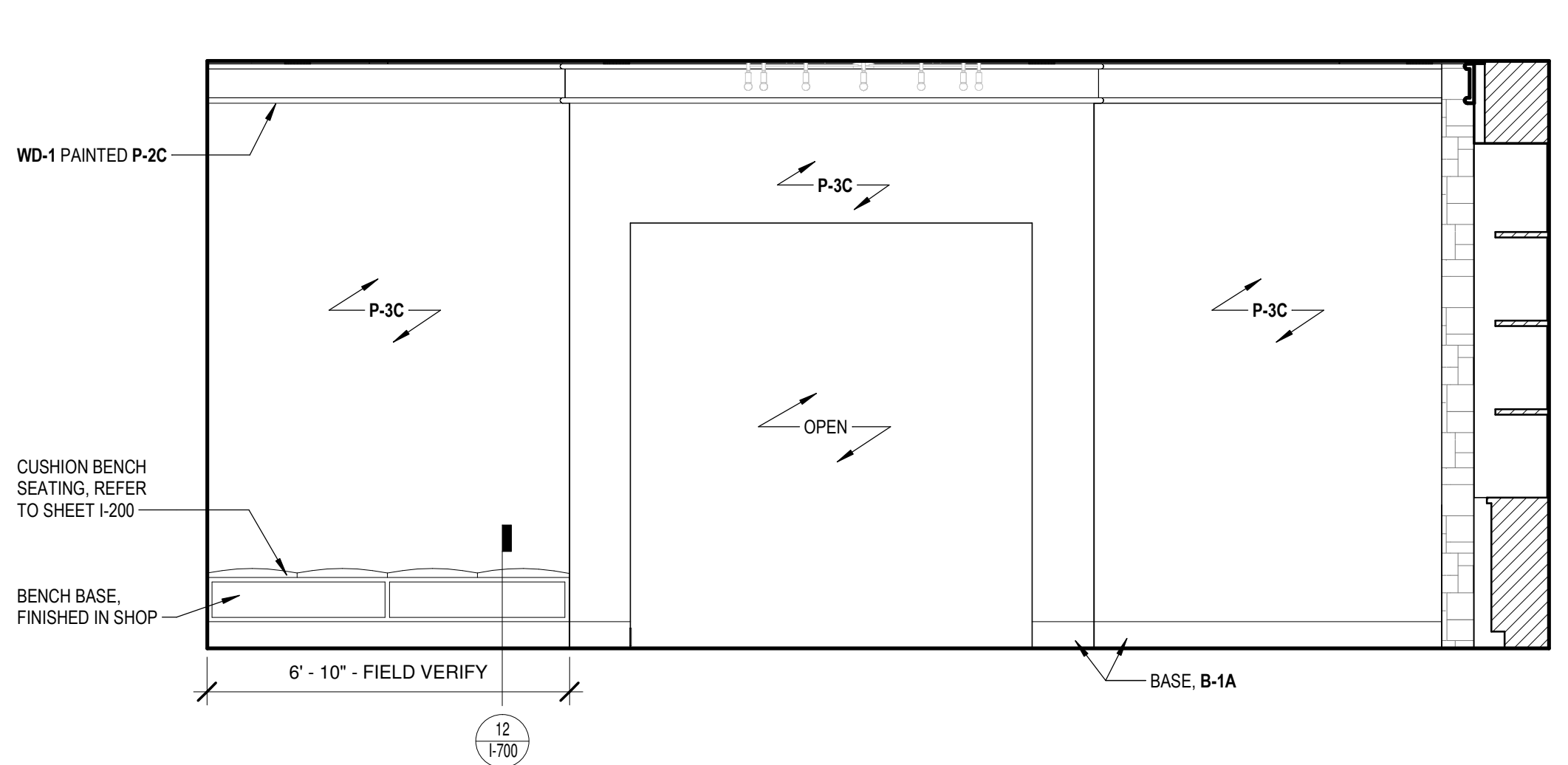
**FINISH MILLWORK ELEVATIONS**

SHEET NUMBER

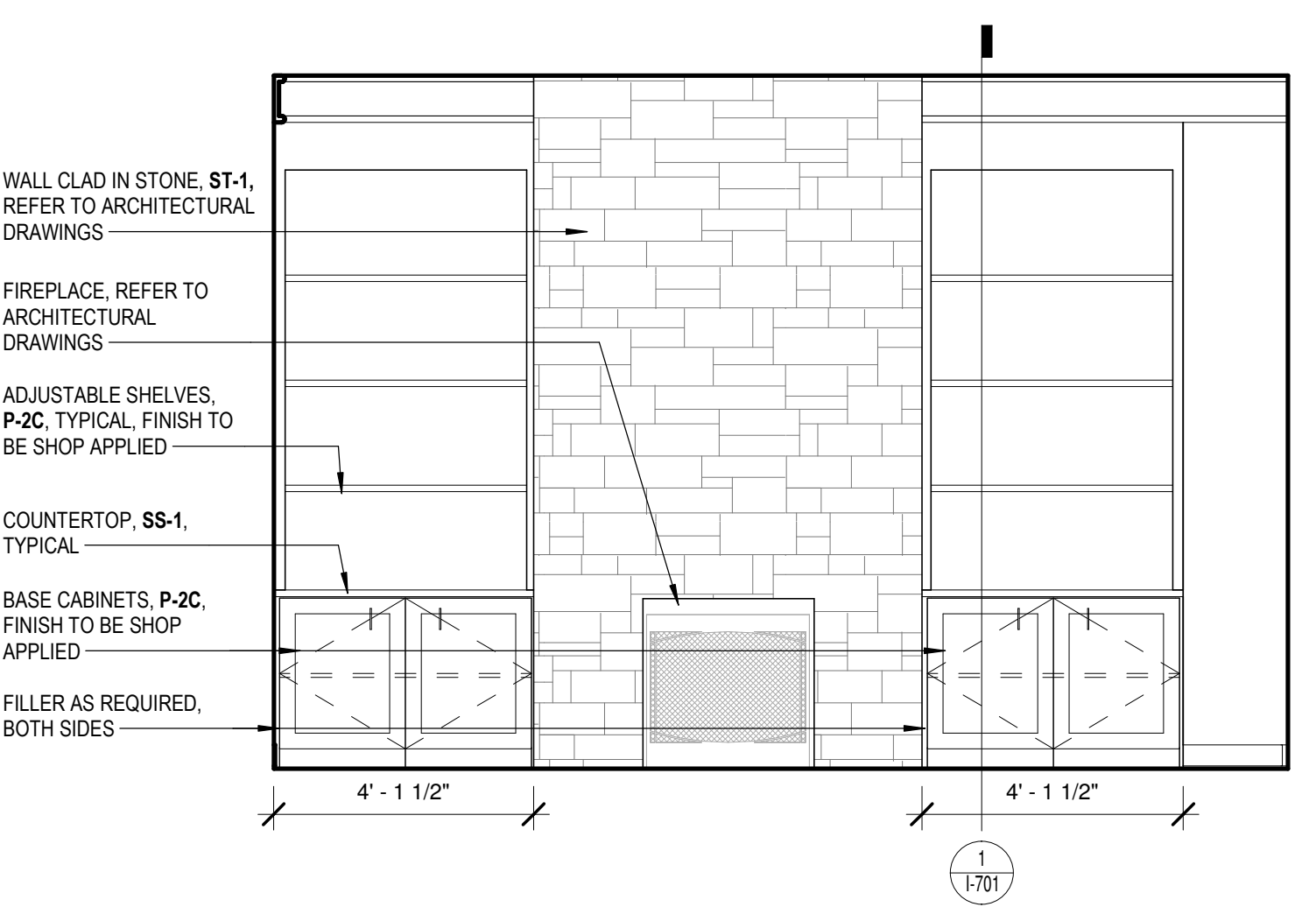
**I-500**



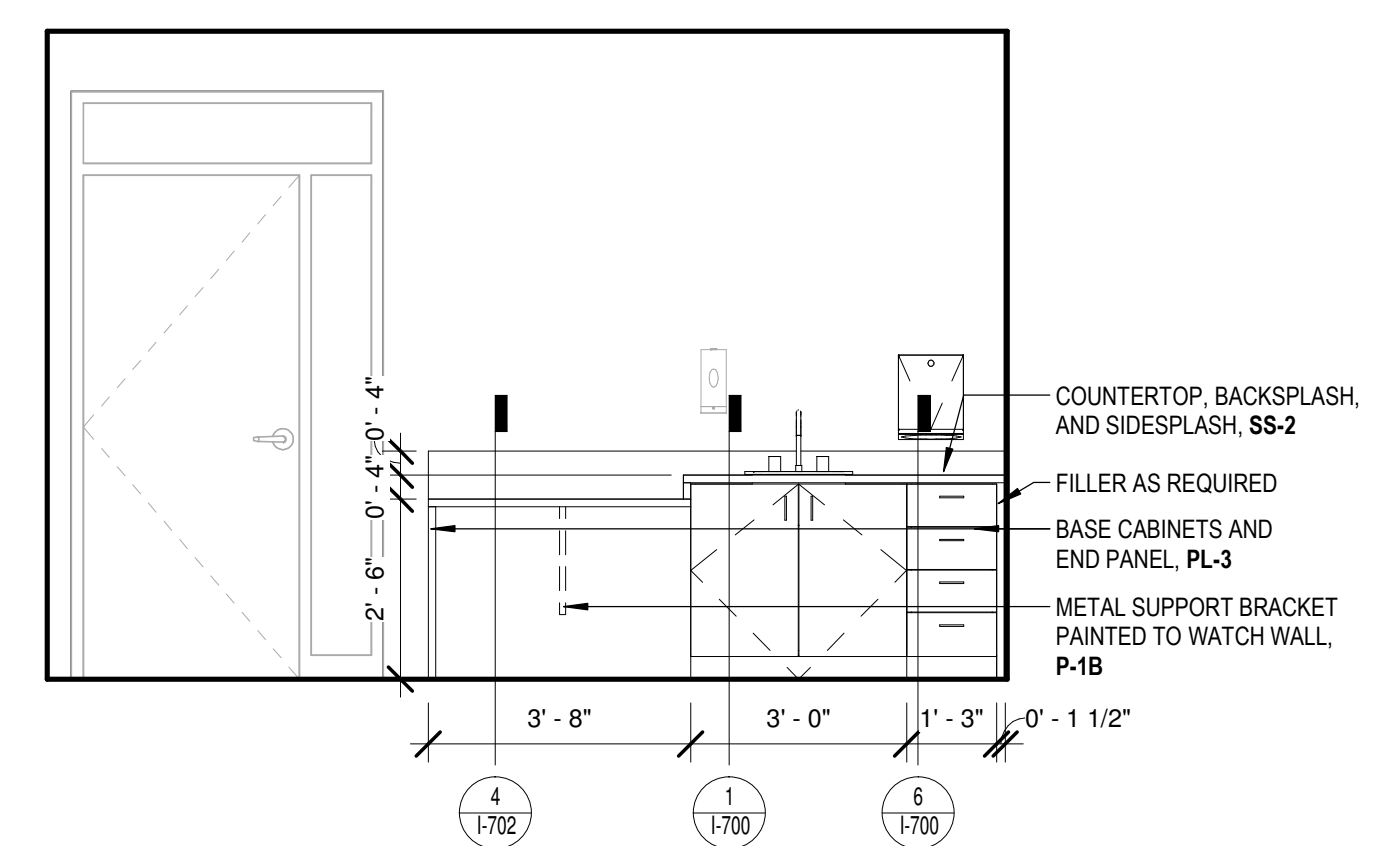
1 FINISH ELEVATION - 101 LOBBY RECEPTION DESK  
1/500  
3/8" = 1'-0"



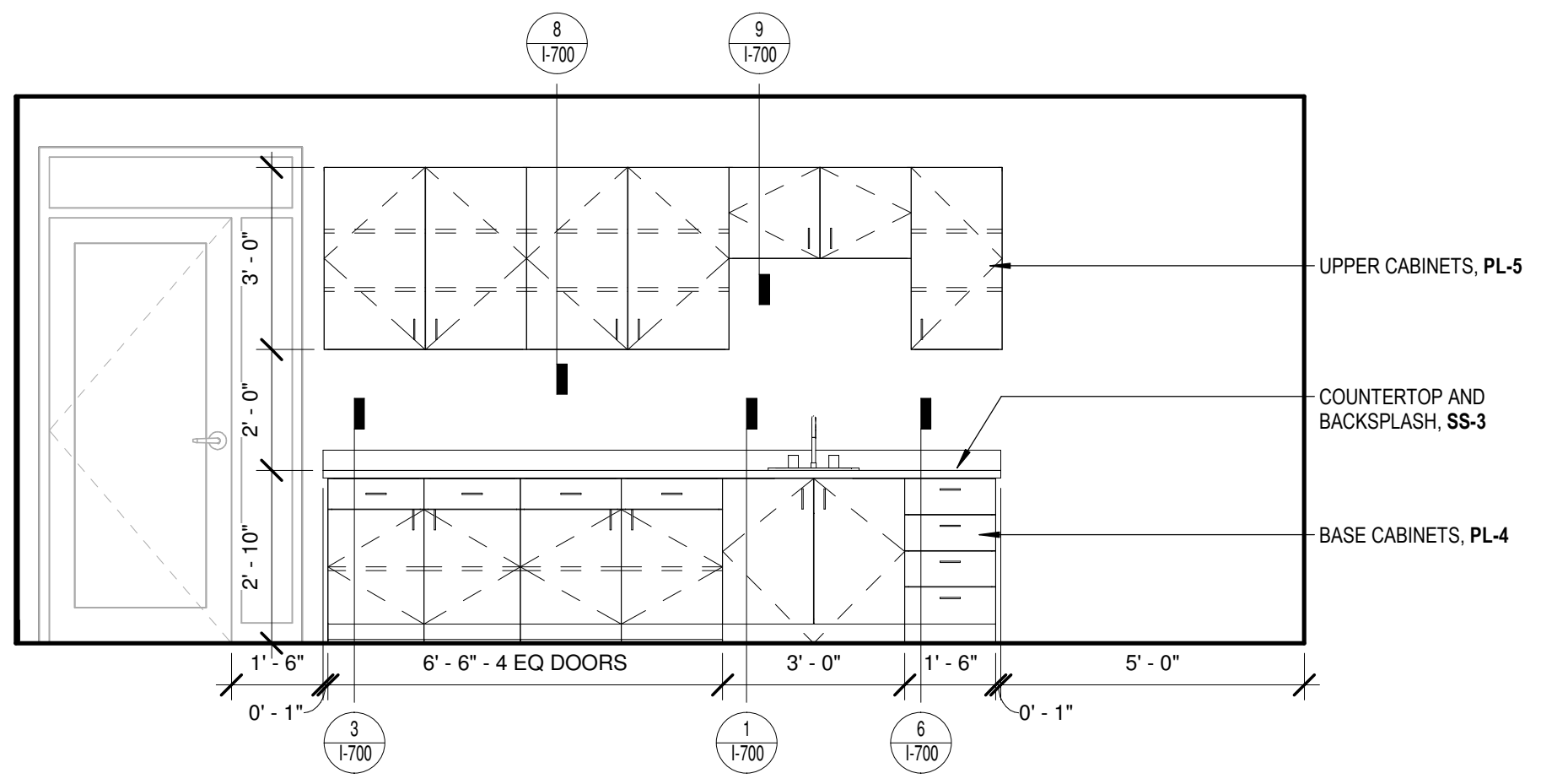
2 FINISH ELEVATION - 101 LOBBY BENCH  
1/500  
3/8" = 1'-0"



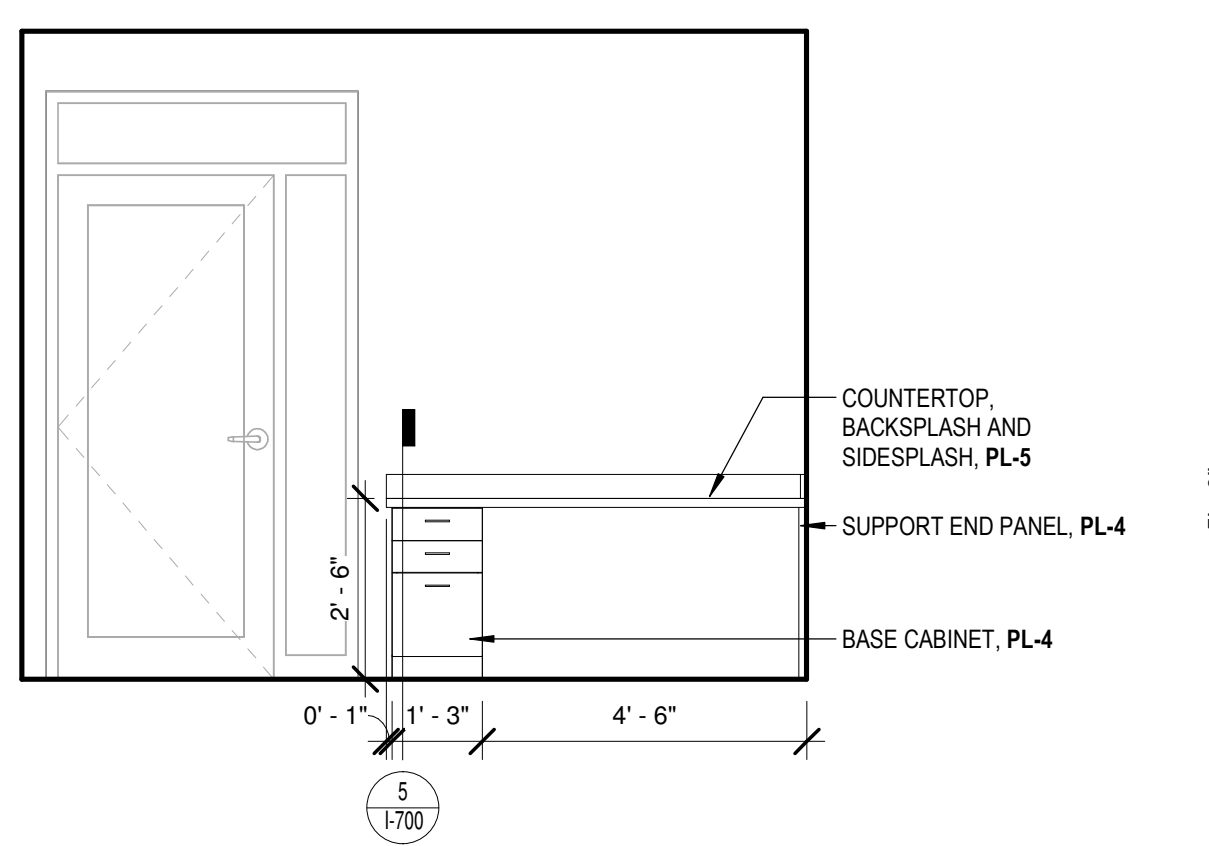
3 FINISH ELEVATION - 101 LOBBY FIREPLACE  
1/500  
3/8" = 1'-0"



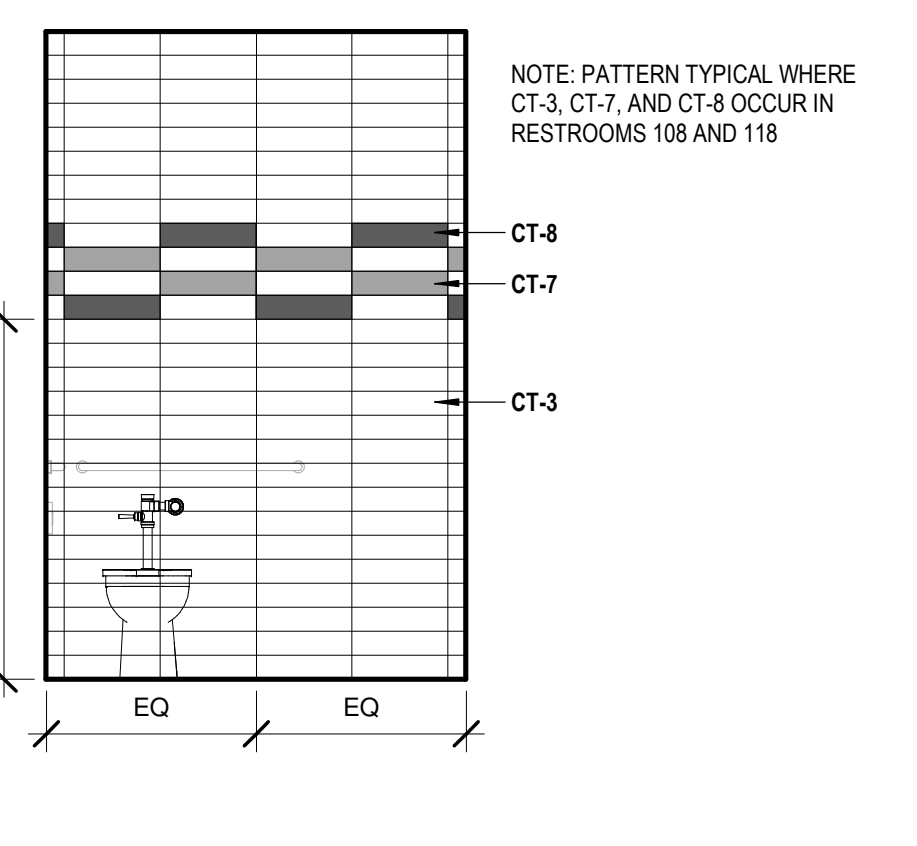
4 FINISH ELEVATION - 103 NURSE OFFICE  
1/500  
3/8" = 1'-0"



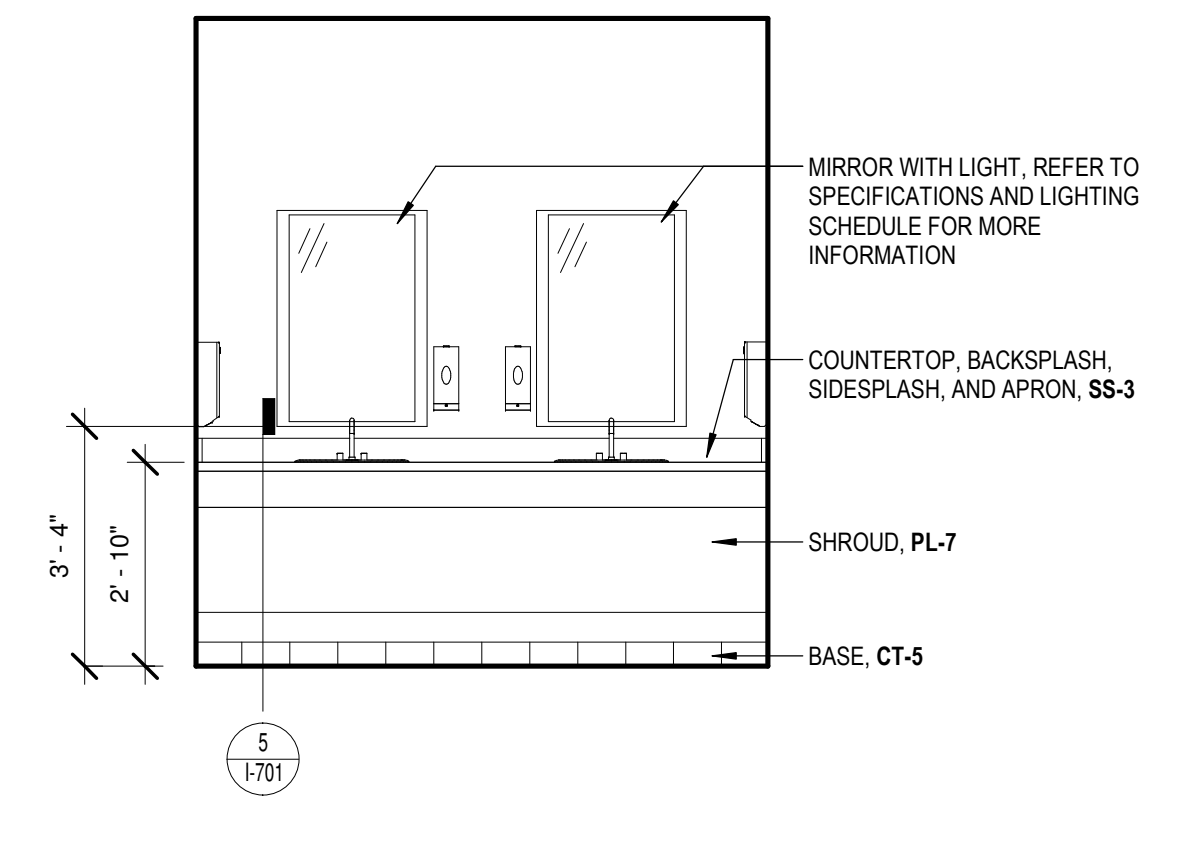
5 FINISH ELEVATION - 104 ALZHEIMER RM SOUTH  
1/500  
3/8" = 1'-0"



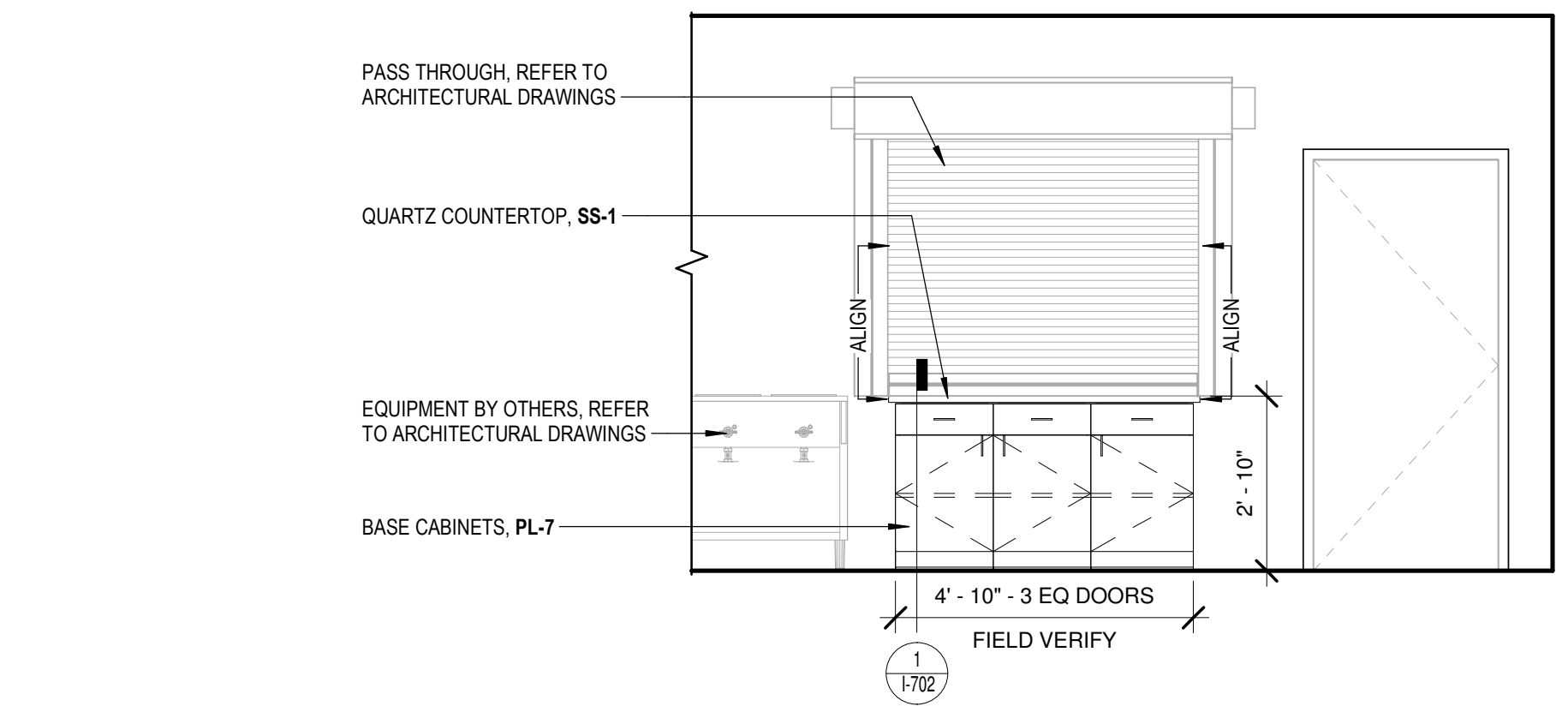
6 FINISH ELEVATION - 104 ALZHEIMER RM WEST  
1/500  
3/8" = 1'-0"



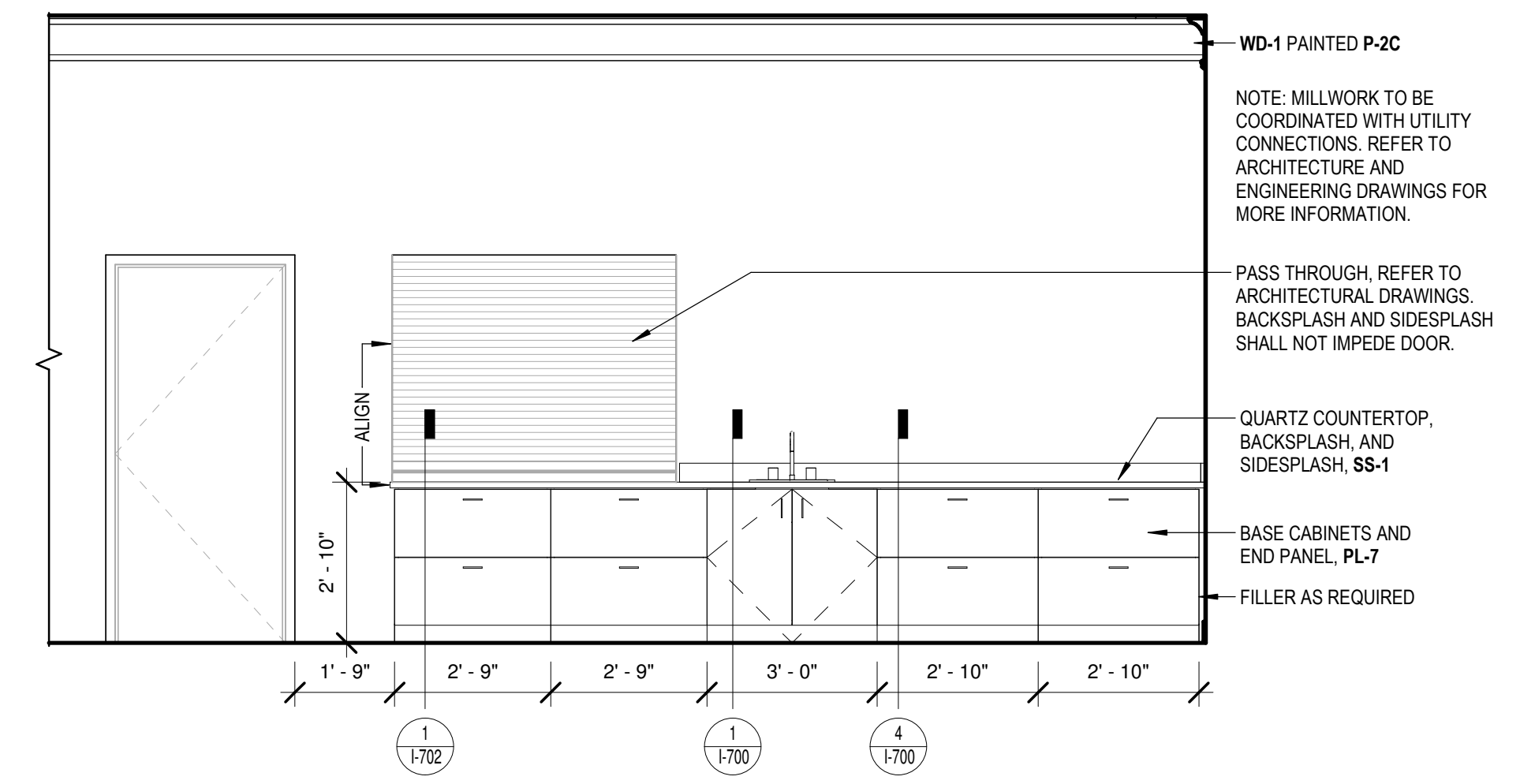
7 FINISH ELEVATION - 108 RESTROOM WET WALL, TYP  
1/500  
3/8" = 1'-0"



8 FINISH ELEVATION - 108 RESTROOM COUNTER, TYP  
1/500  
3/8" = 1'-0"

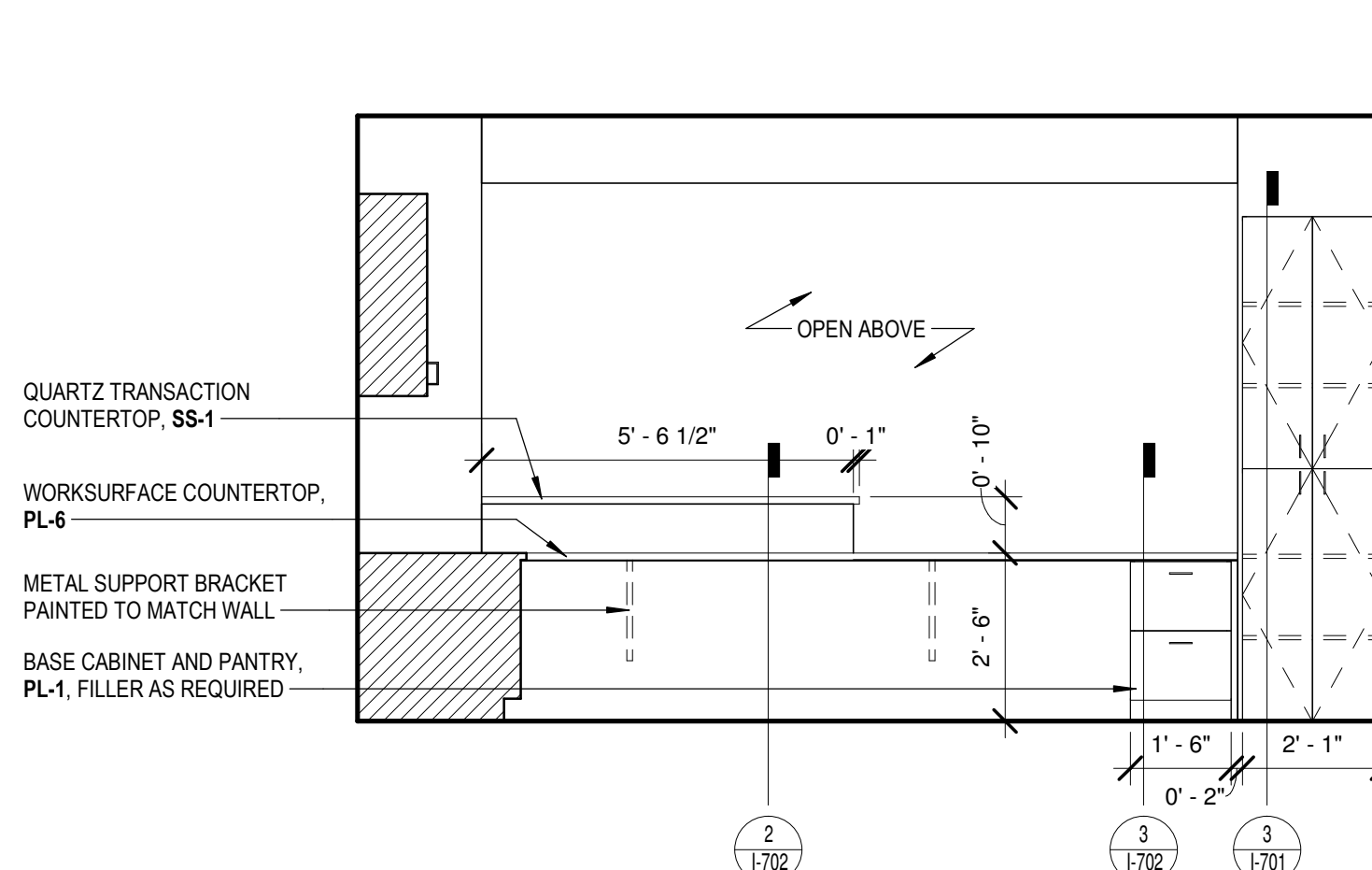


9 FINISH ELEVATION - 114 KITCHEN PASS THRU  
1/500  
3/8" = 1'-0"

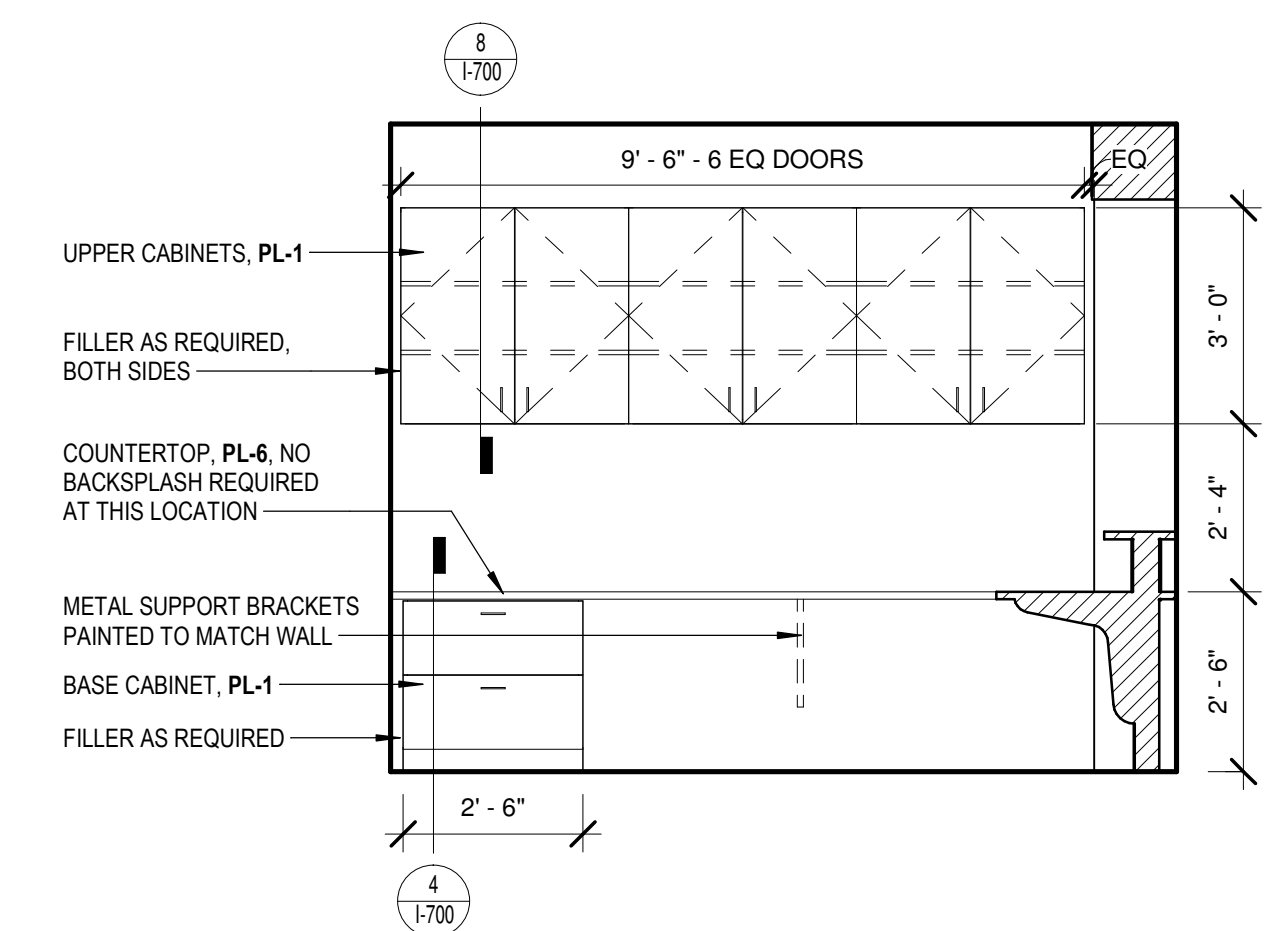


10 FINISH ELEVATION - 117 MULTIPURPOSE PASS THRU  
1/500  
3/8" = 1'-0"

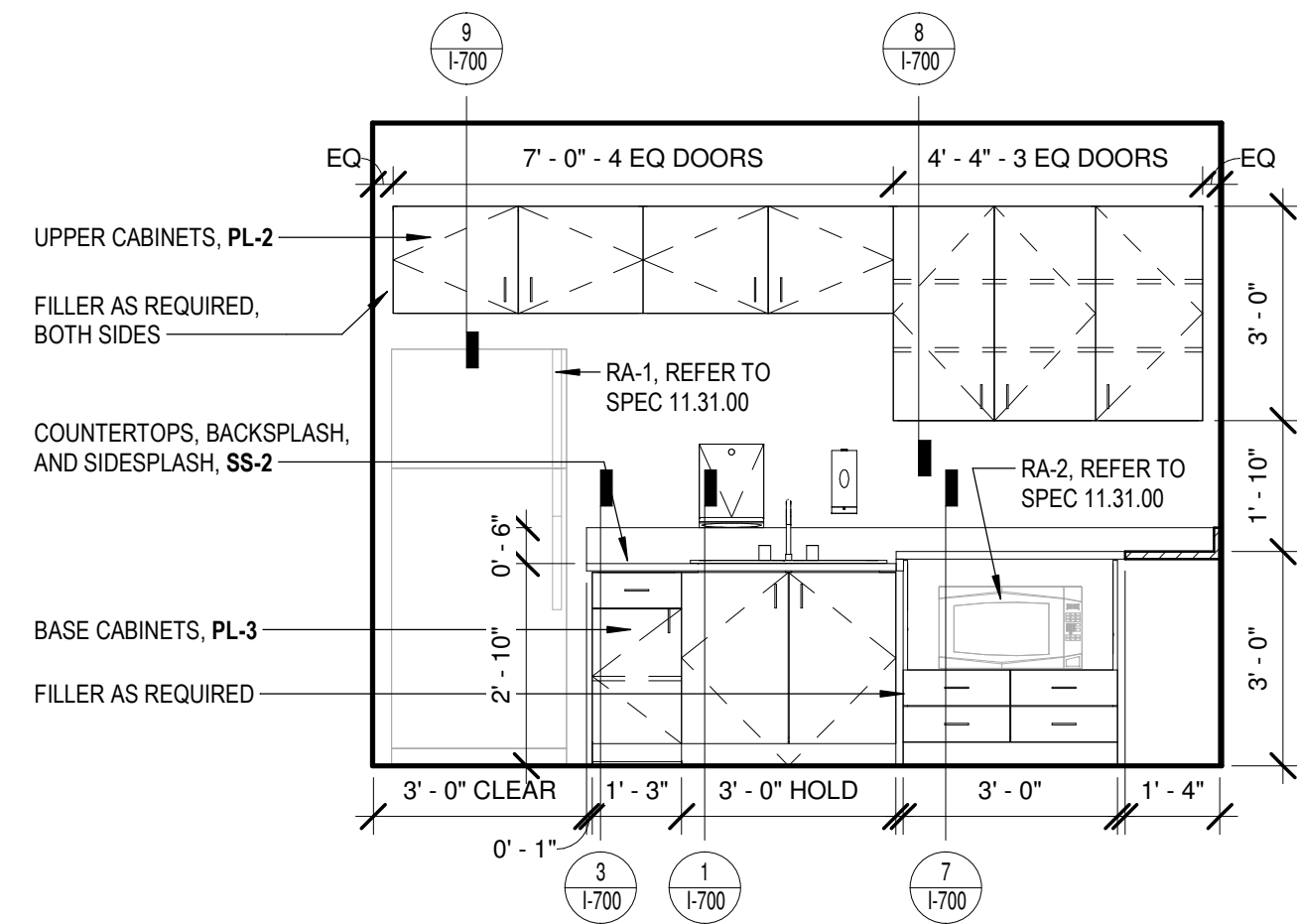
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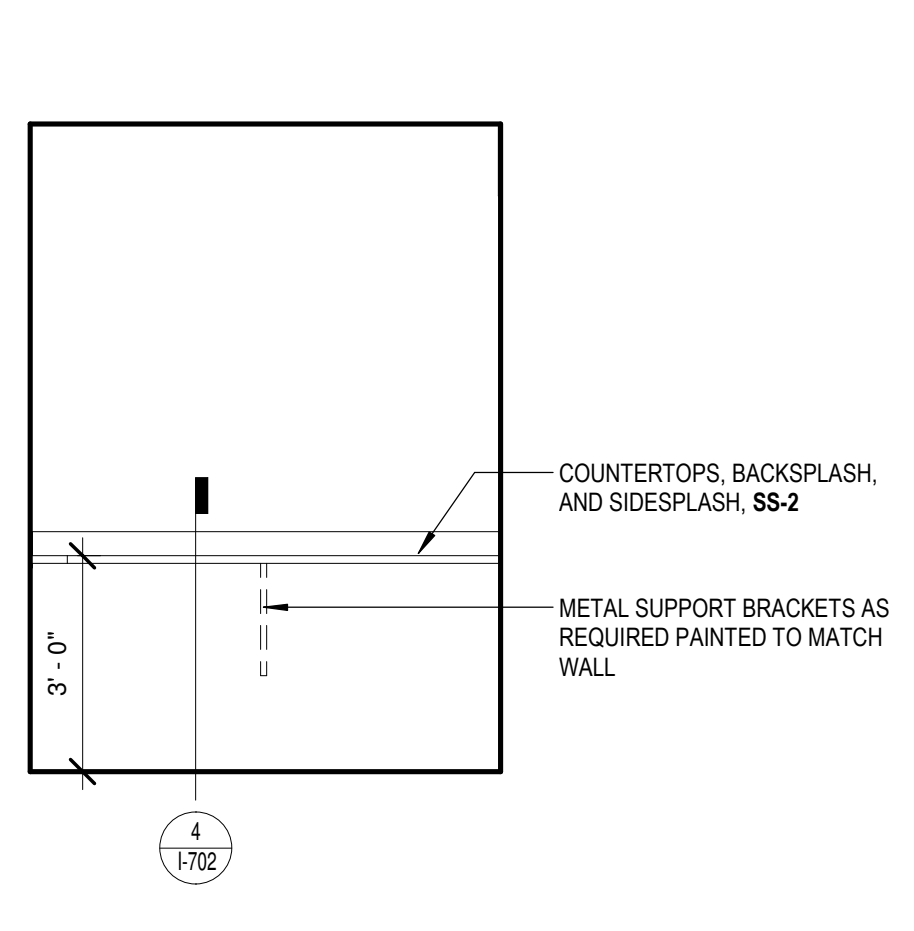
**1** FINISH ELEVATION - 122 RECEPTION PLAN NORTH  
I-501 3/8" = 1'-0"



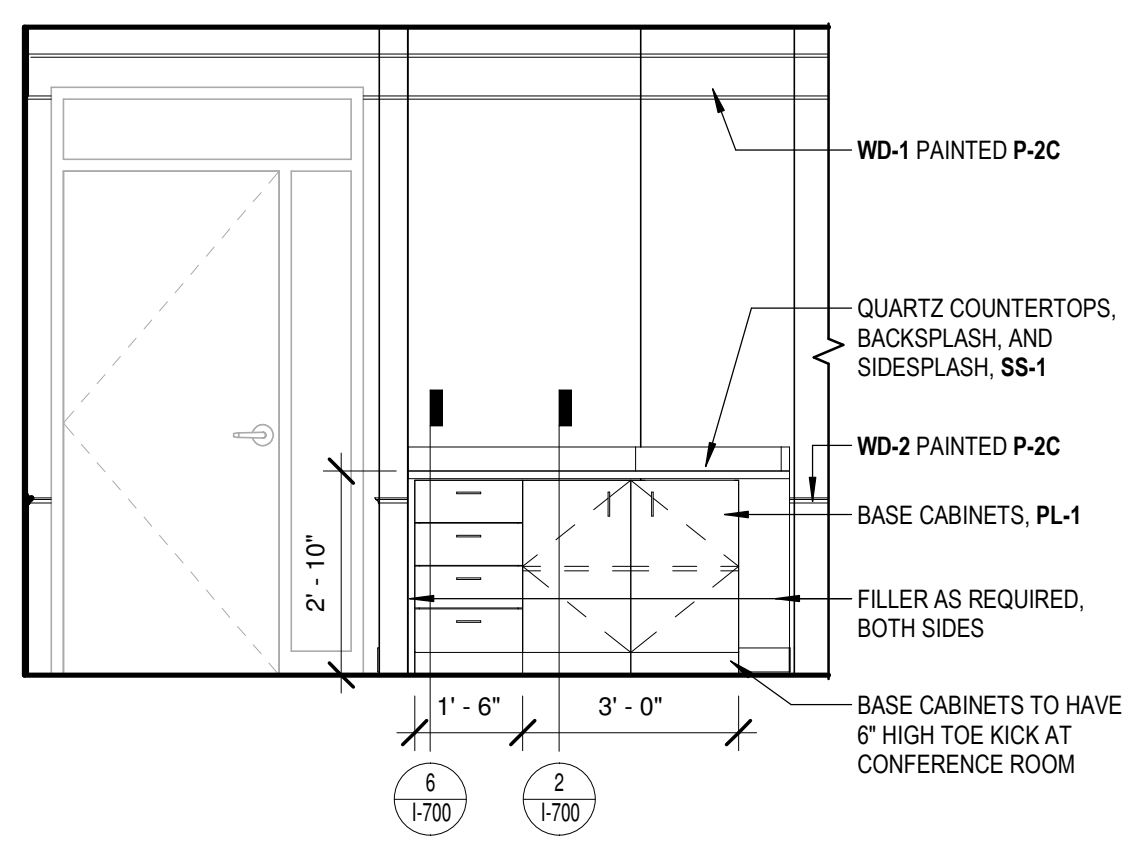
**2** FINISH ELEVATION - 122 RECEPTION PLAN WEST  
I-501 3/8" = 1'-0"



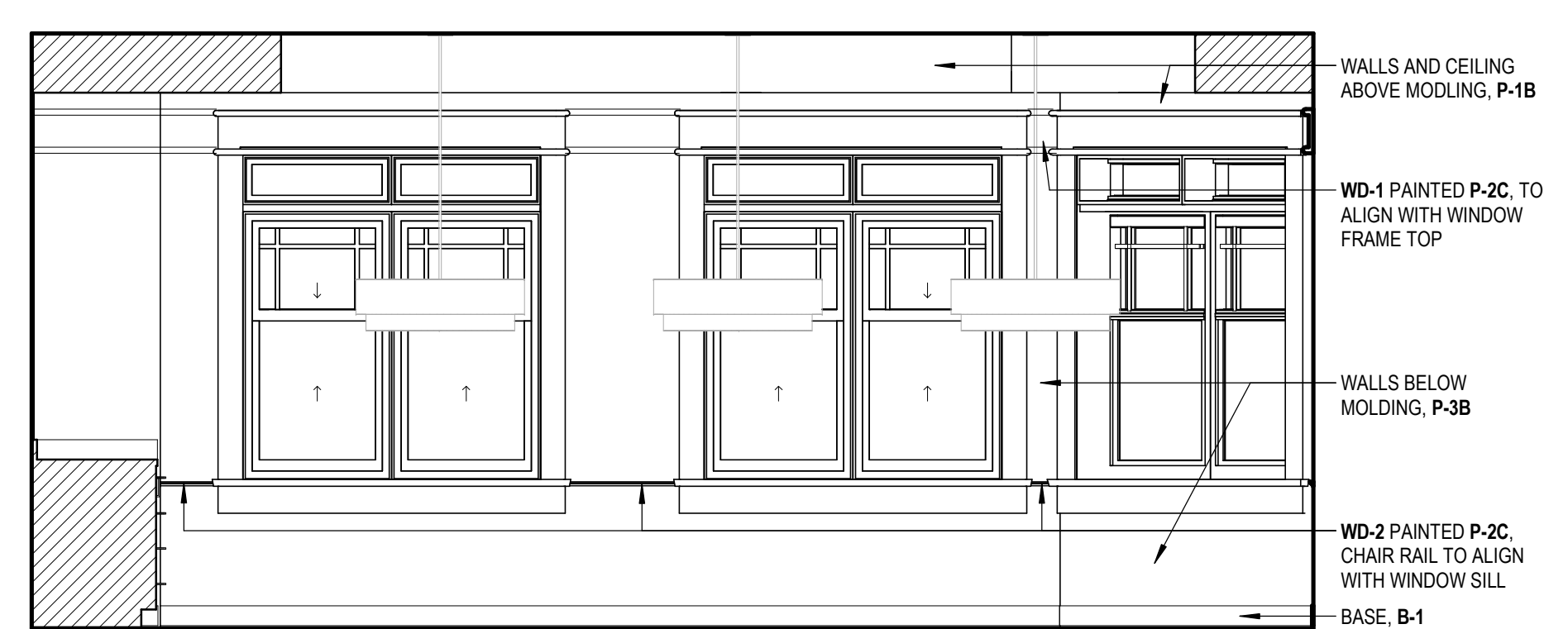
**3** FINISH ELEVATION - 125 STAFF BREAK PLAN NORTH  
I-501 3/8" = 1'-0"



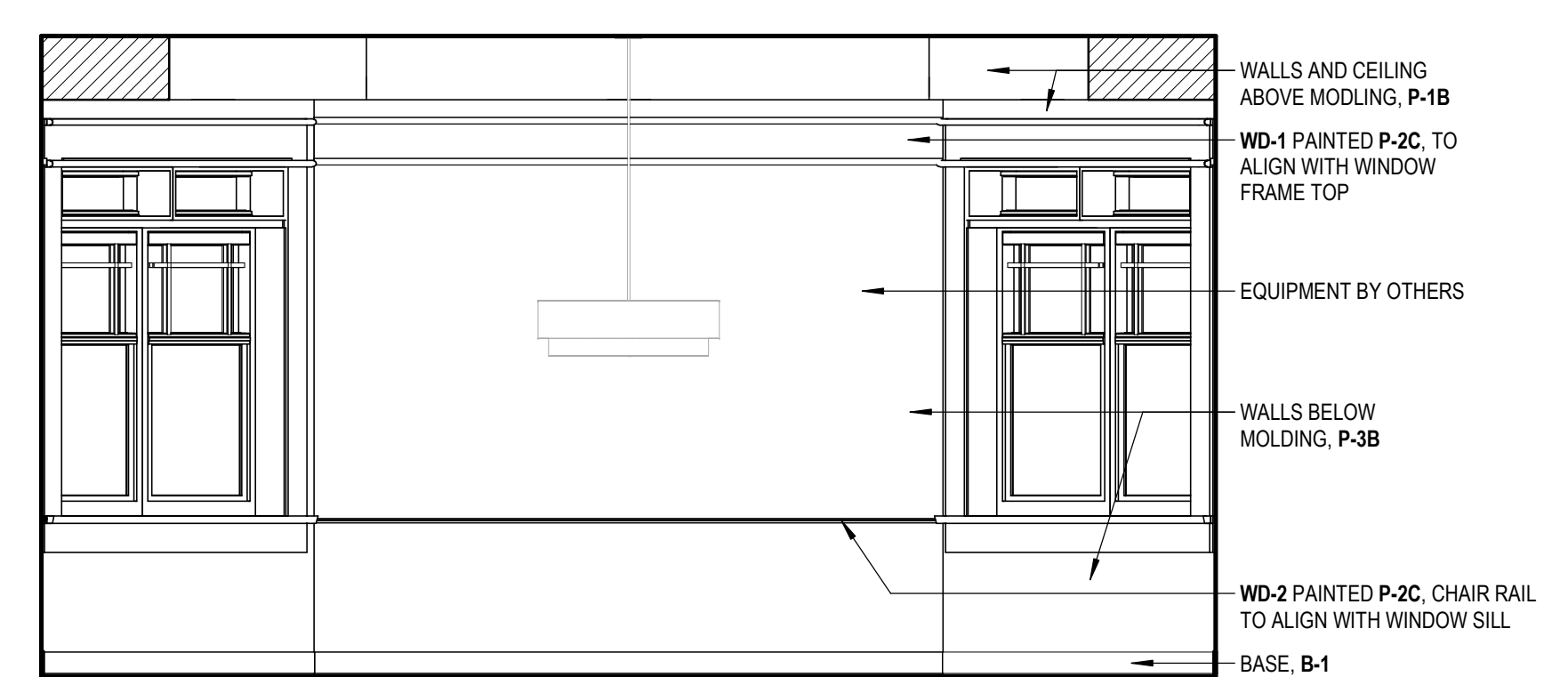
**4** FINISH ELEVATION - 125 STAFF BREAK PLAN SOUTH  
I-501 3/8" = 1'-0"



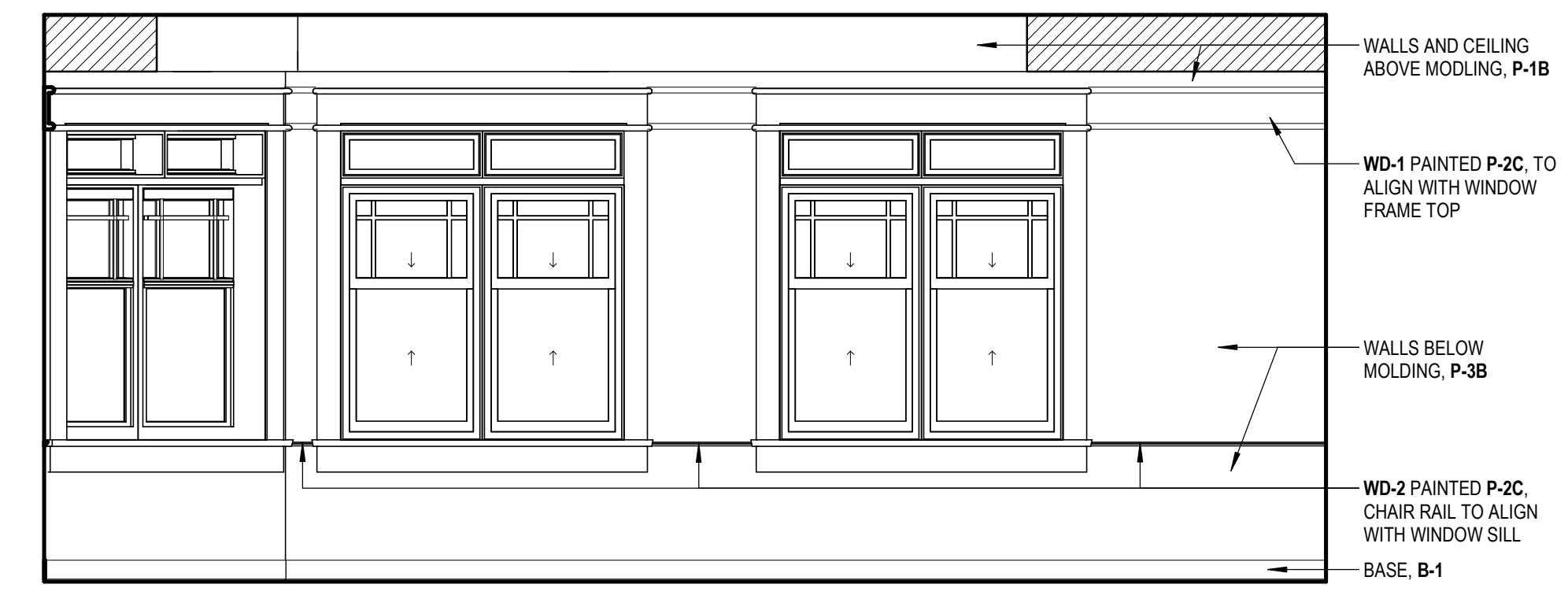
**5** FINISH ELEVATION - 124 CONFERENCE PLAN NW  
I-501 3/8" = 1'-0"



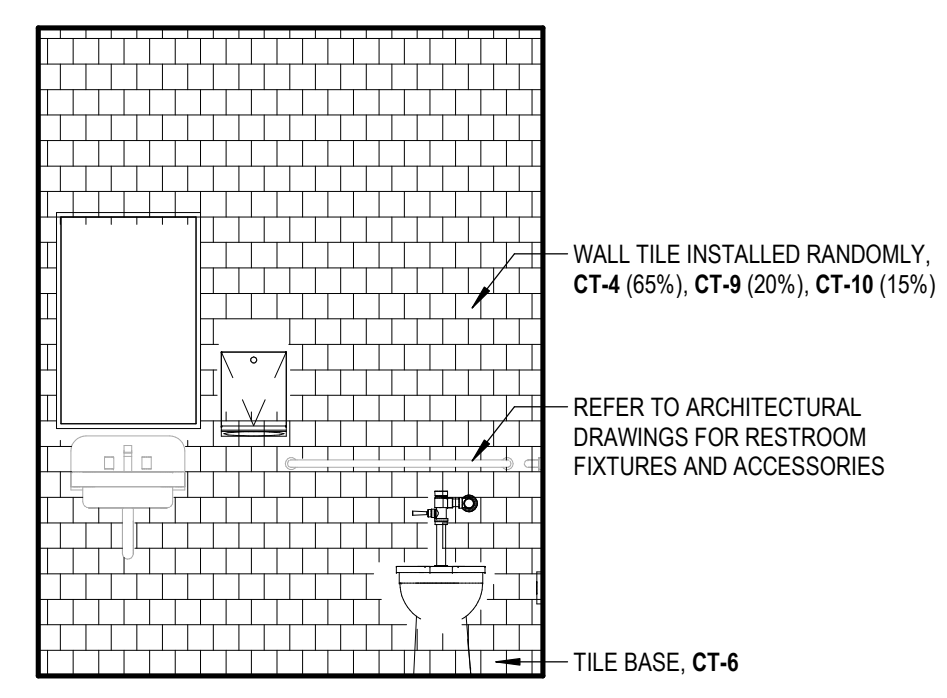
**6** FINISH ELEVATION - 124 CONFERENCE PLAN NE  
I-501 3/8" = 1'-0"



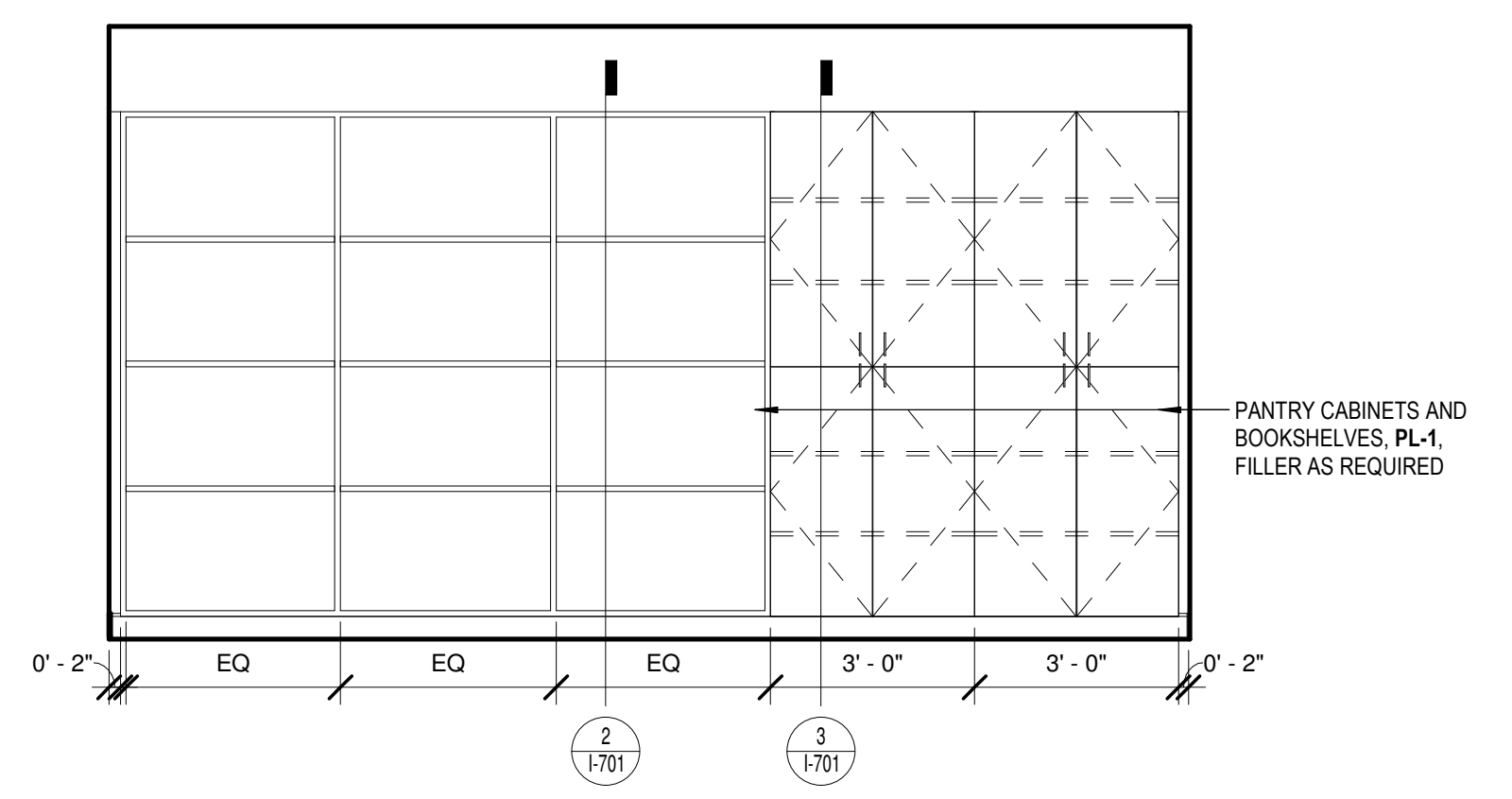
**7** FINISH ELEVATION - 124 CONFERENCE PLAN SE  
I-501 3/8" = 1'-0"



**8** FINISH ELEVATION - 124 CONFERENCE PLAN SW  
I-501 3/8" = 1'-0"



**9** FINISH ELEVATION - 126 STAFF TL  
I-501 3/8" = 1'-0"



**10** FINISH ELEVATION - 120 GAME ROOM PLAN NORTH  
I-501 3/8" = 1'-0"

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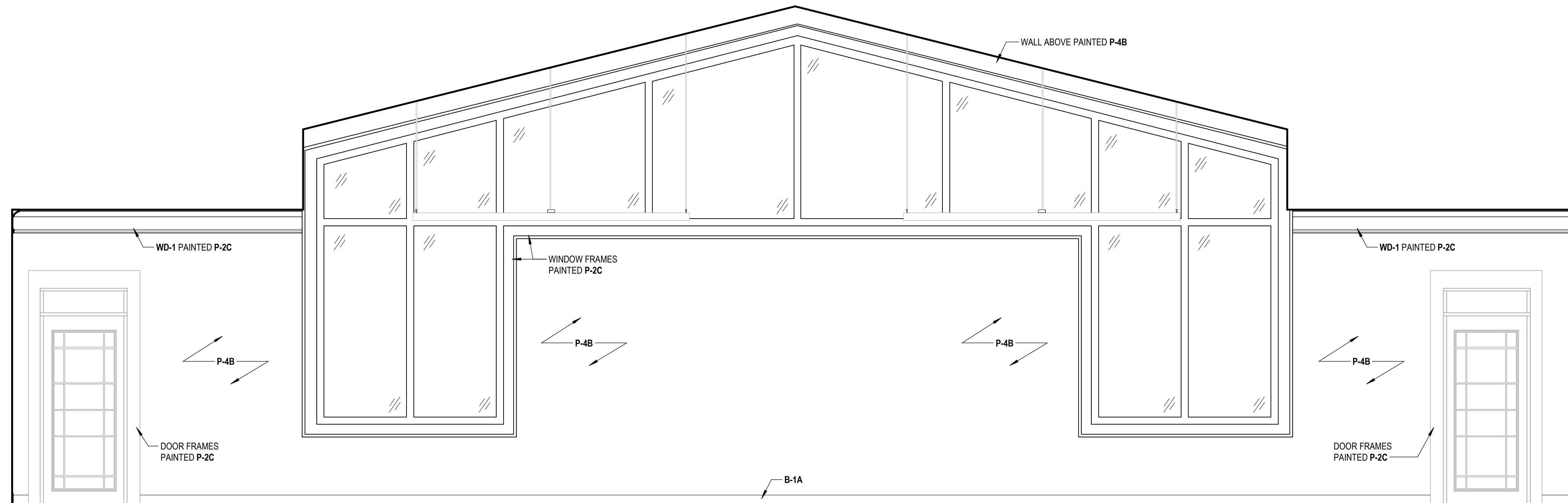
Revisions

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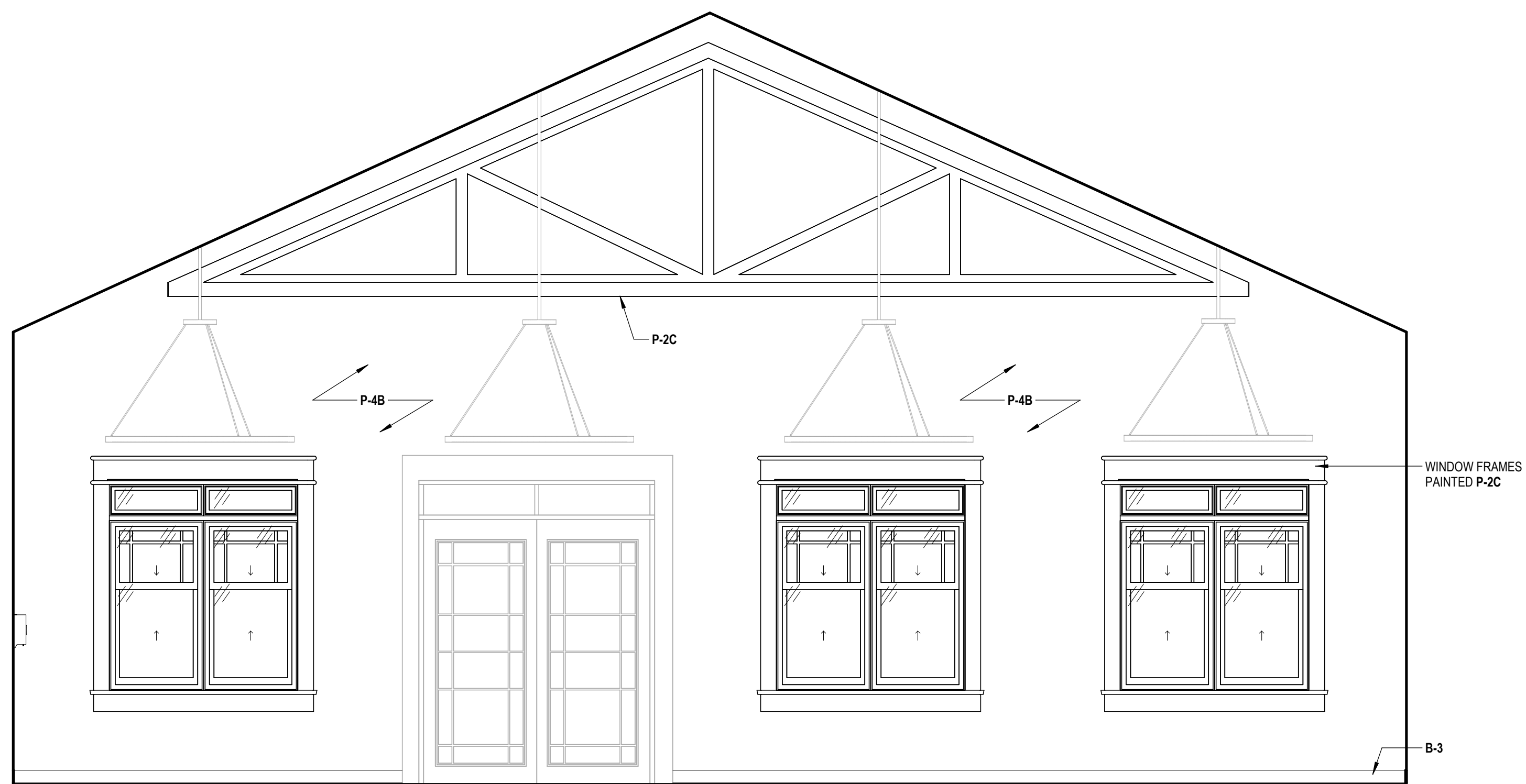
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DATE February 04, 2019  
PROJECT NUMBER 1816000.000  
SHEET TITLE **FINISH MILLWORK ELEVATIONS**  
SHEET NUMBER **I-501**

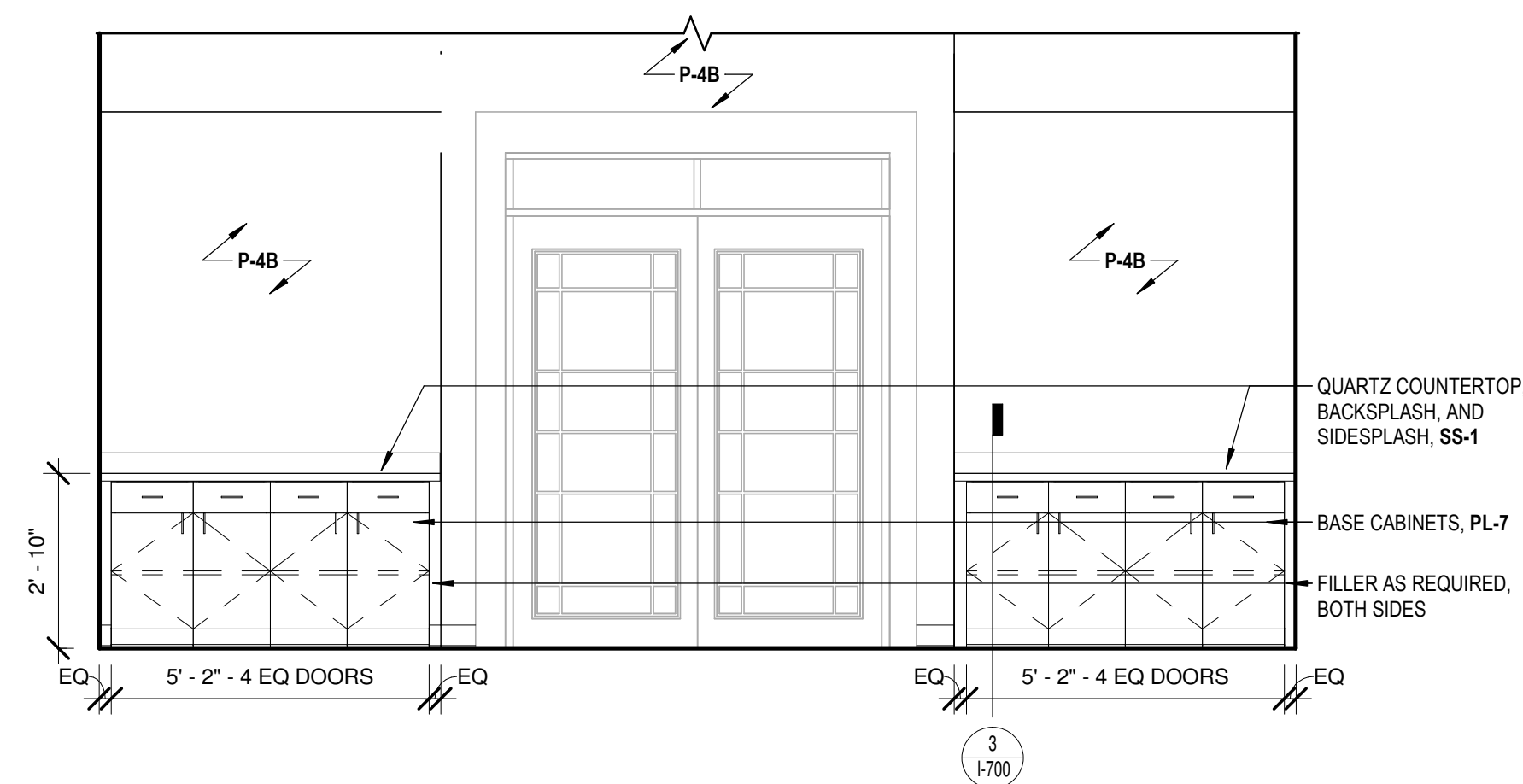




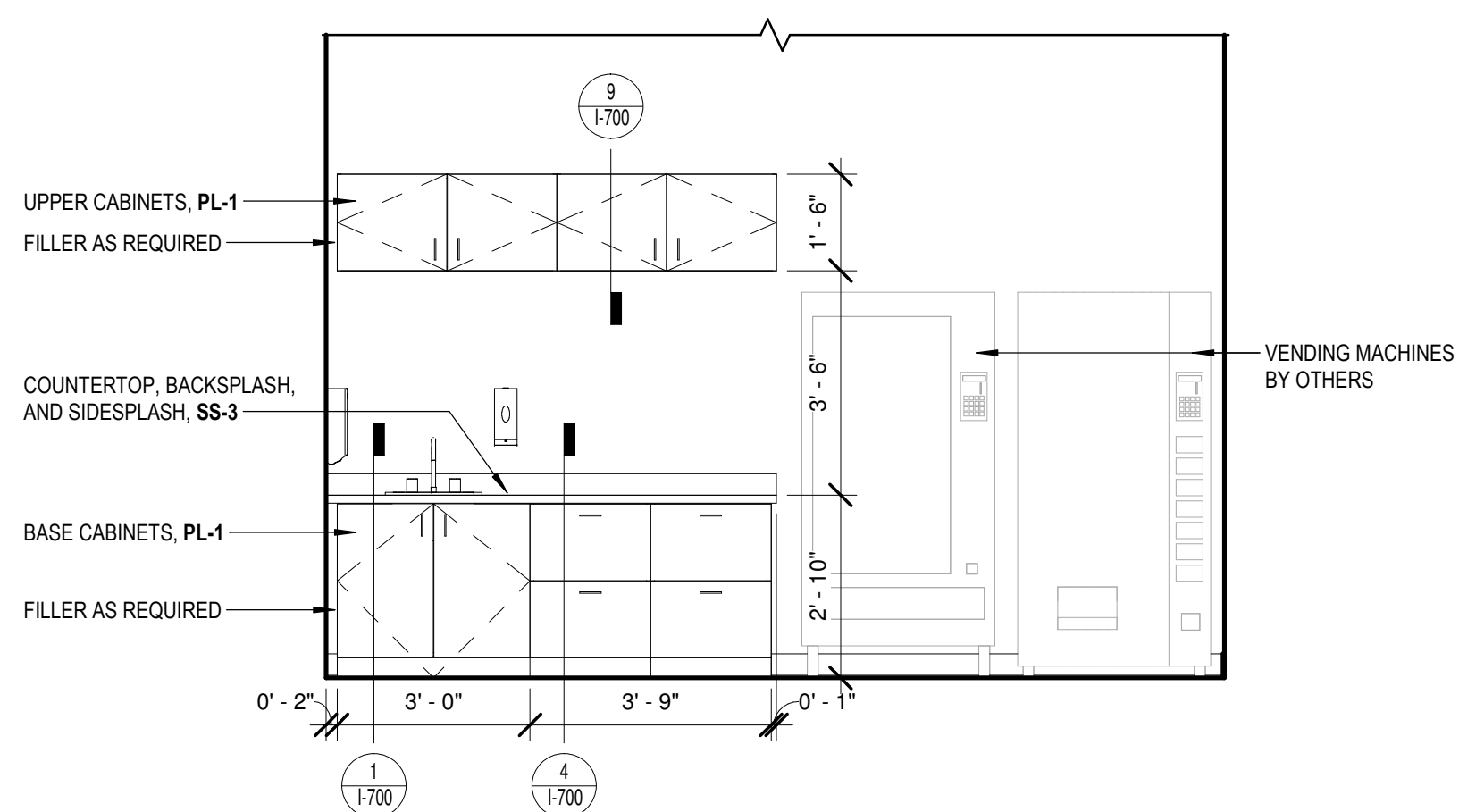
1 FINISH ELEVATION - 117 MULTIPURPOSE PLAN WEST  
I-502 3/8" = 1'-0"



2 FINISH ELEVATION - 120 GAME ROOM PLAN SOUTH  
I-502 3/8" = 1'-0"



3 FINISH ELEVATION - 117 MULTIPURPOSE ENTRY  
I-502 3/8" = 1'-0"



4 FINISH ELEVATION - 120 GAME ROOM PLAN EAST  
I-502 3/8" = 1'-0"



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2019-03-08 GRANT REVIEW DOCUMENTS

Revisions		
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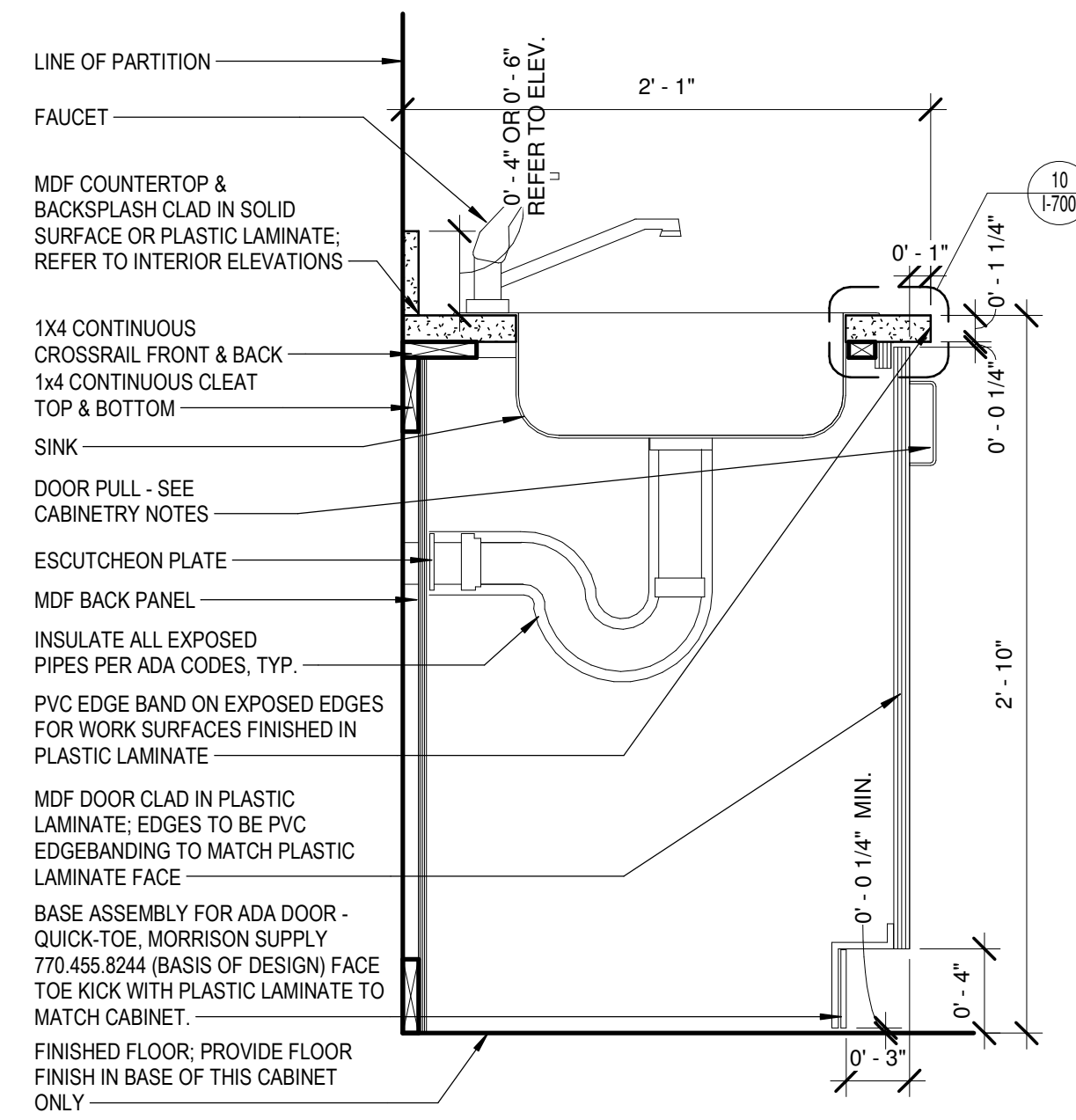
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DATE February 04, 2019

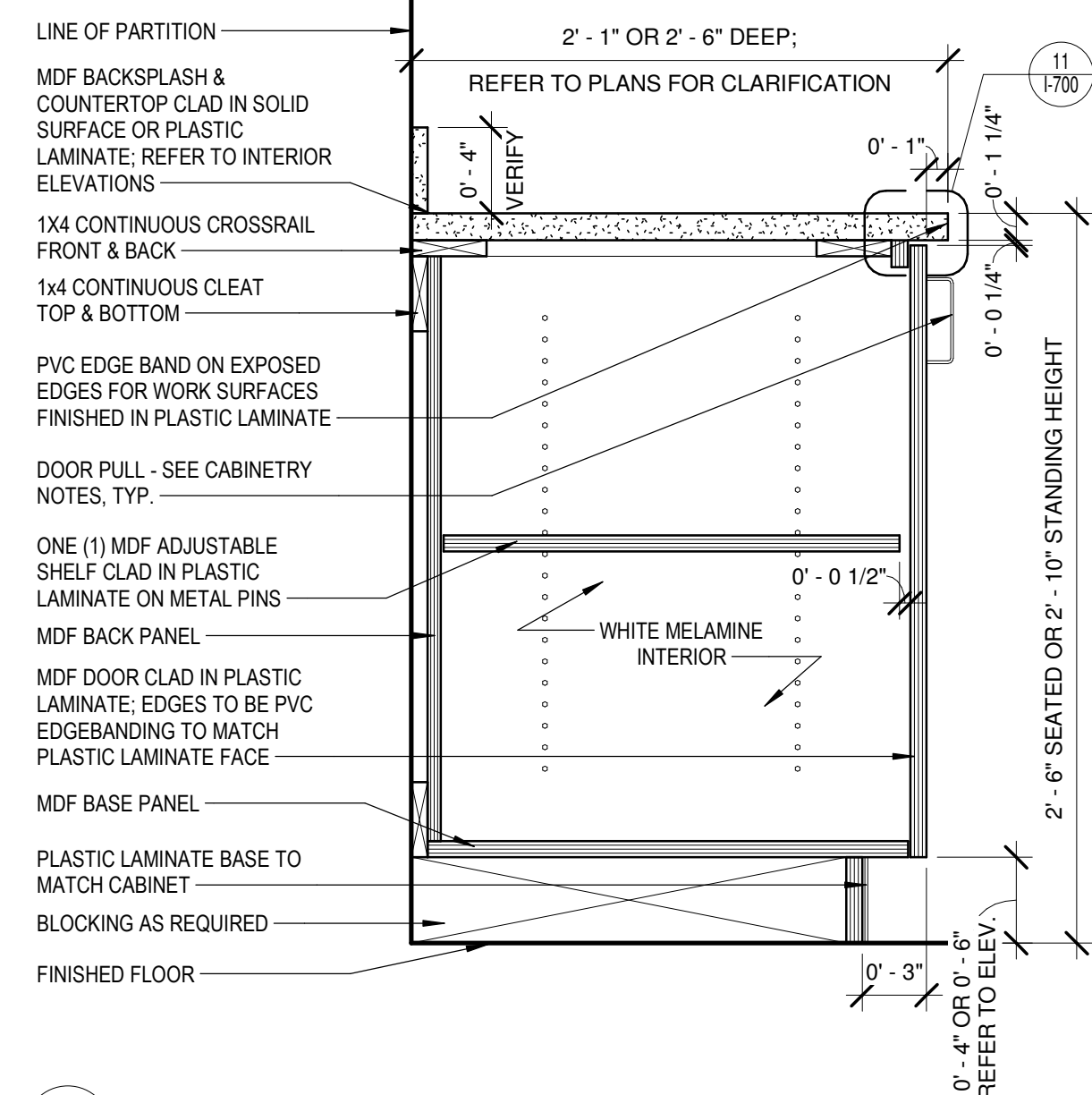
PROJECT NUMBER 1816000.000

SHEET TITLE  
**FINISH MILLWORK  
ELEVATIONS**

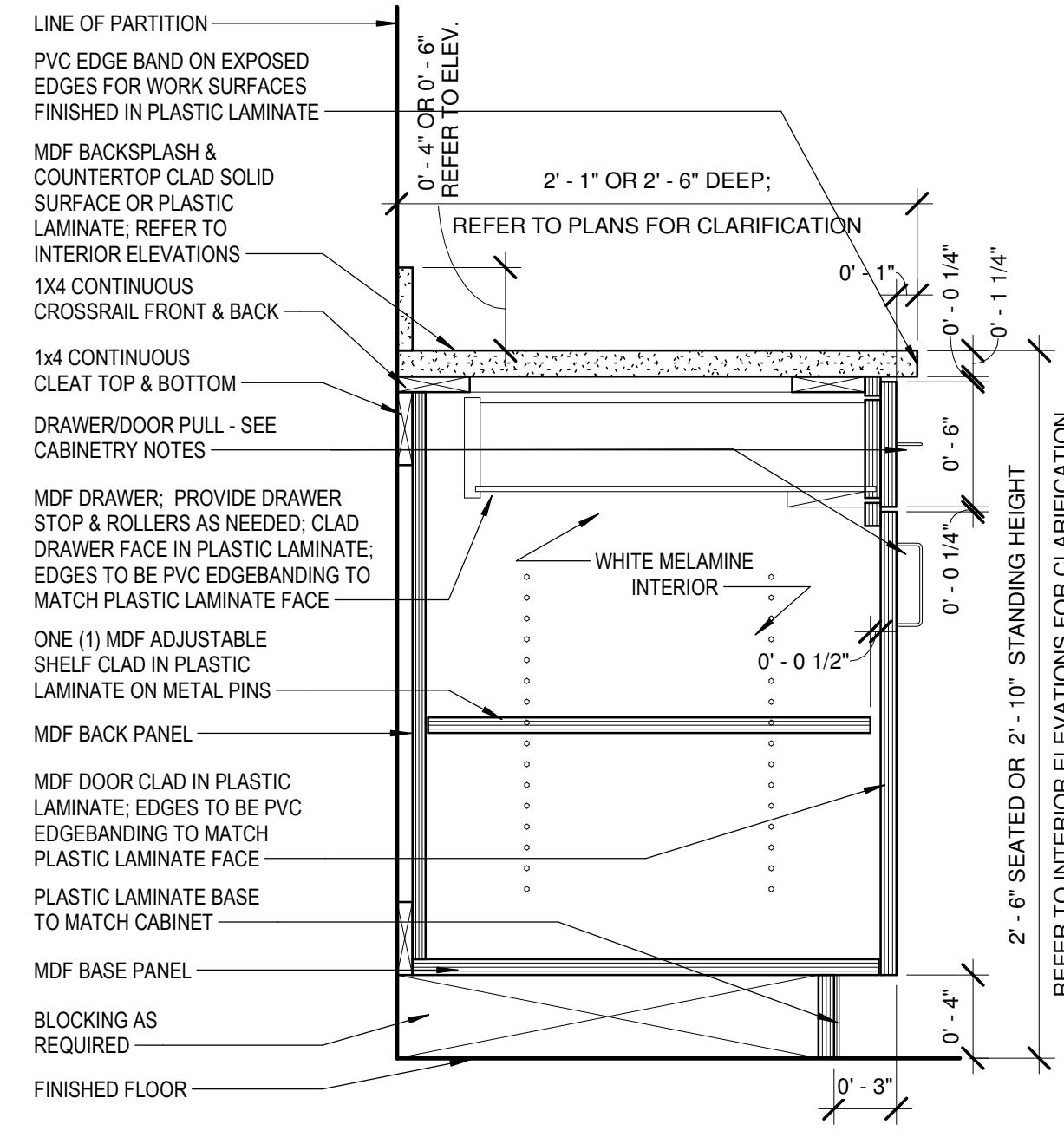
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**I-502**



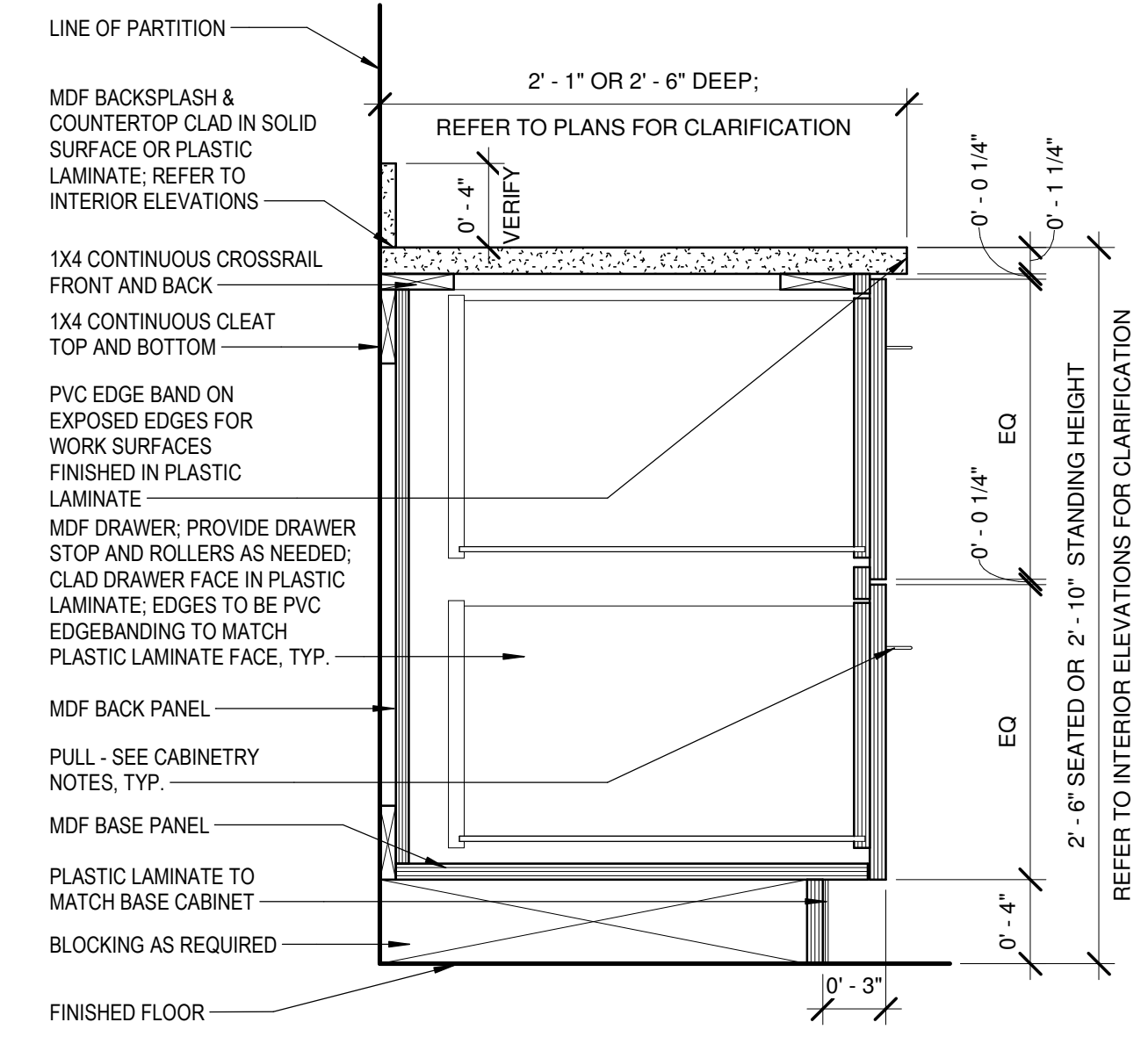
1 DETAIL - BASE CABINET H.C. SINK  
1 1/2" = 1'-0"



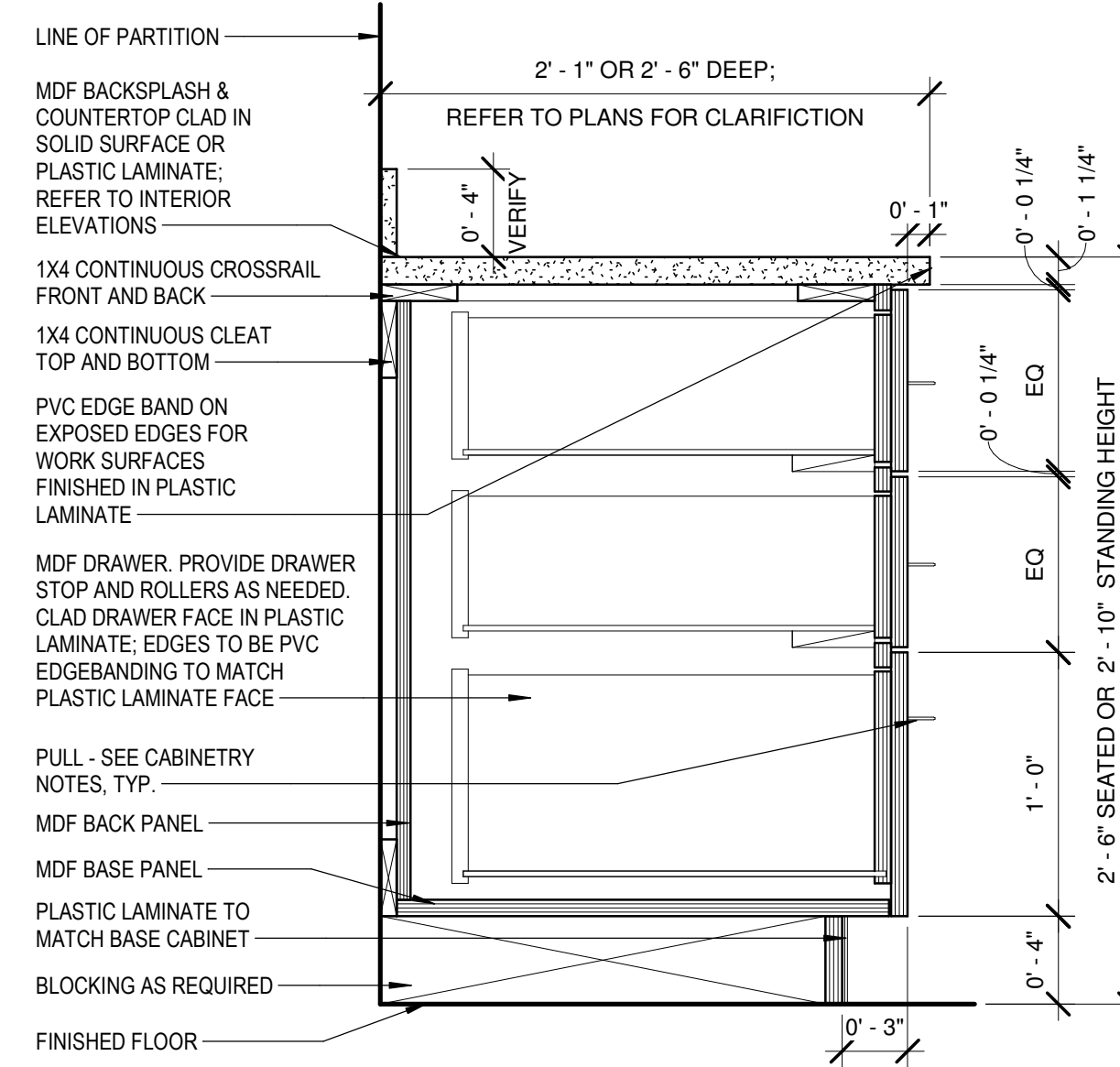
2 DETAIL - BASE CABINET W/ DOOR  
1 1/2" = 1'-0"



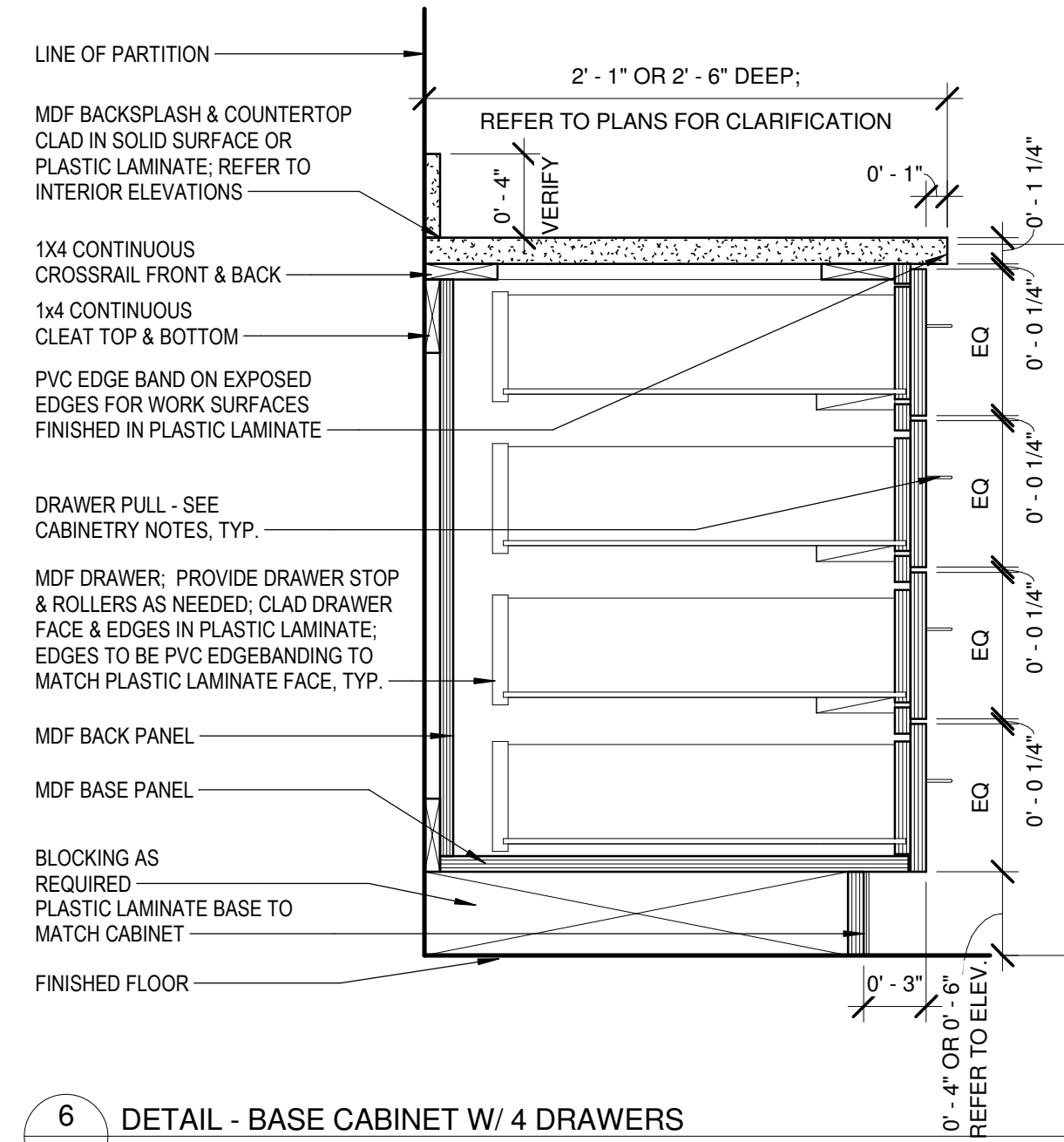
3 DETAIL - BASE CABINET W/ 1 DRAWER  
1 1/2" = 1'-0"



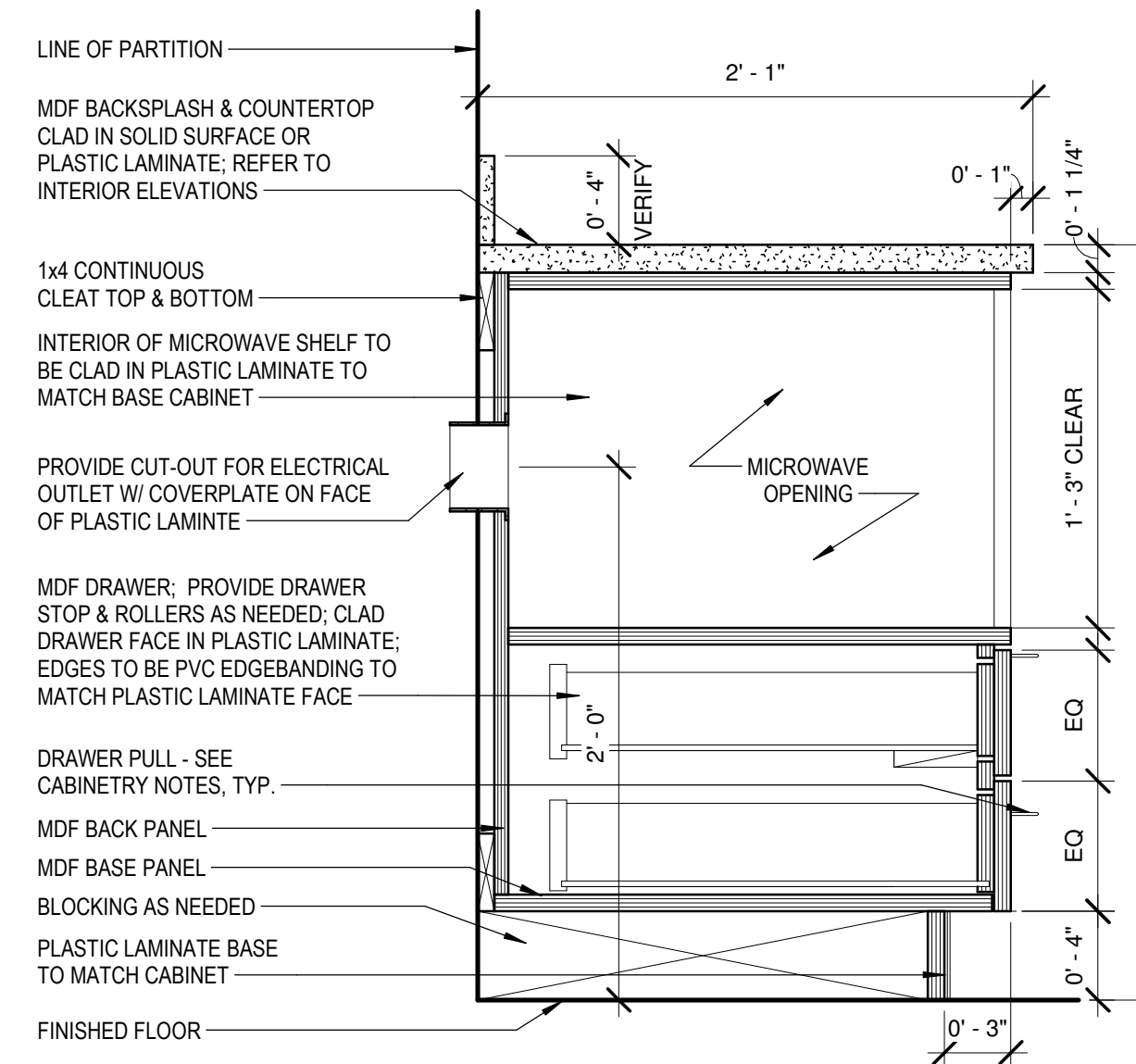
4 DETAIL - BASE CABINET W/ 2 DRAWERS  
1 1/2" = 1'-0"



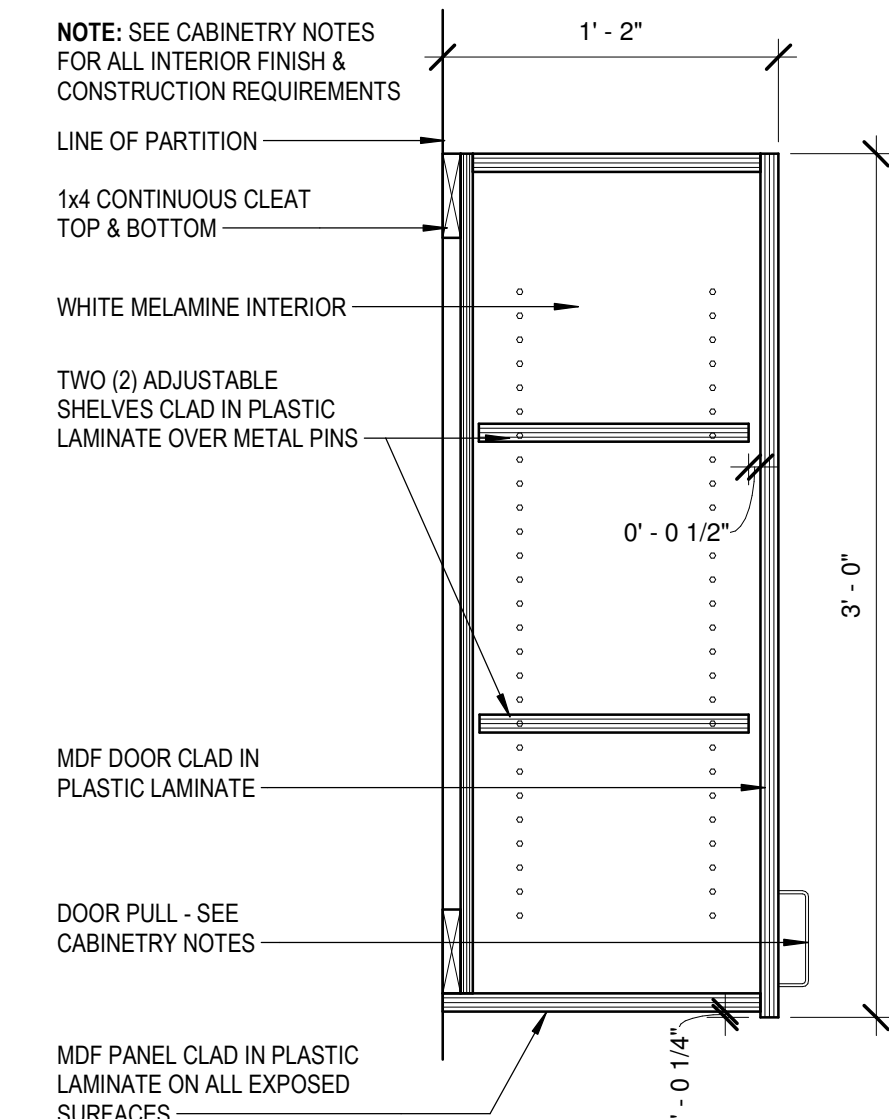
5 DETAIL - BASE CABINET W/ 3 DRAWERS  
1 1/2" = 1'-0"



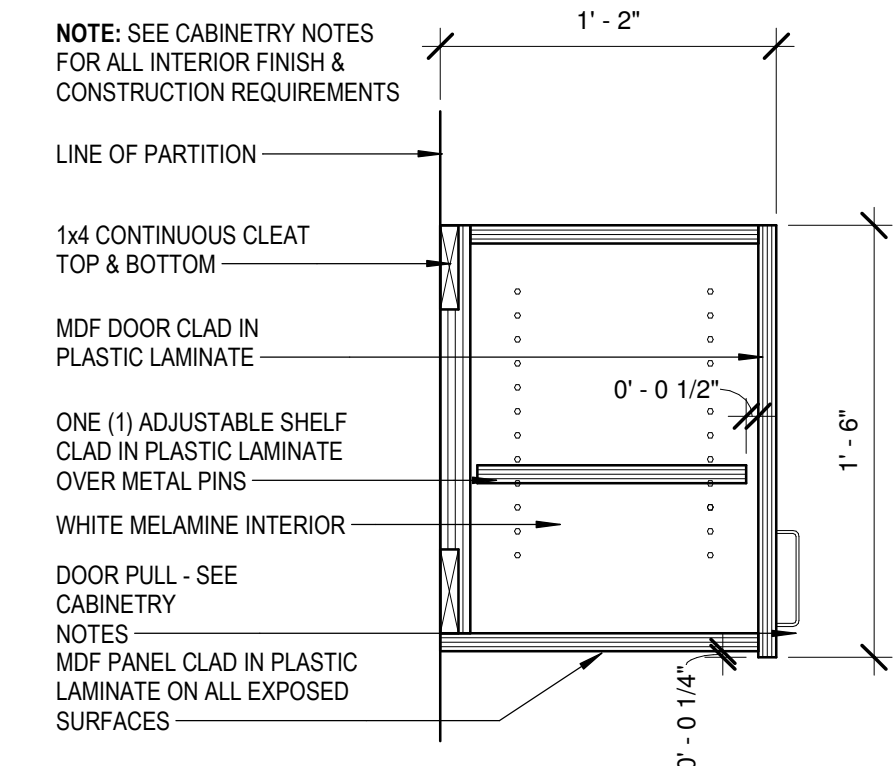
6 DETAIL - BASE CABINET W/ 4 DRAWERS  
1 1/2" = 1'-0"



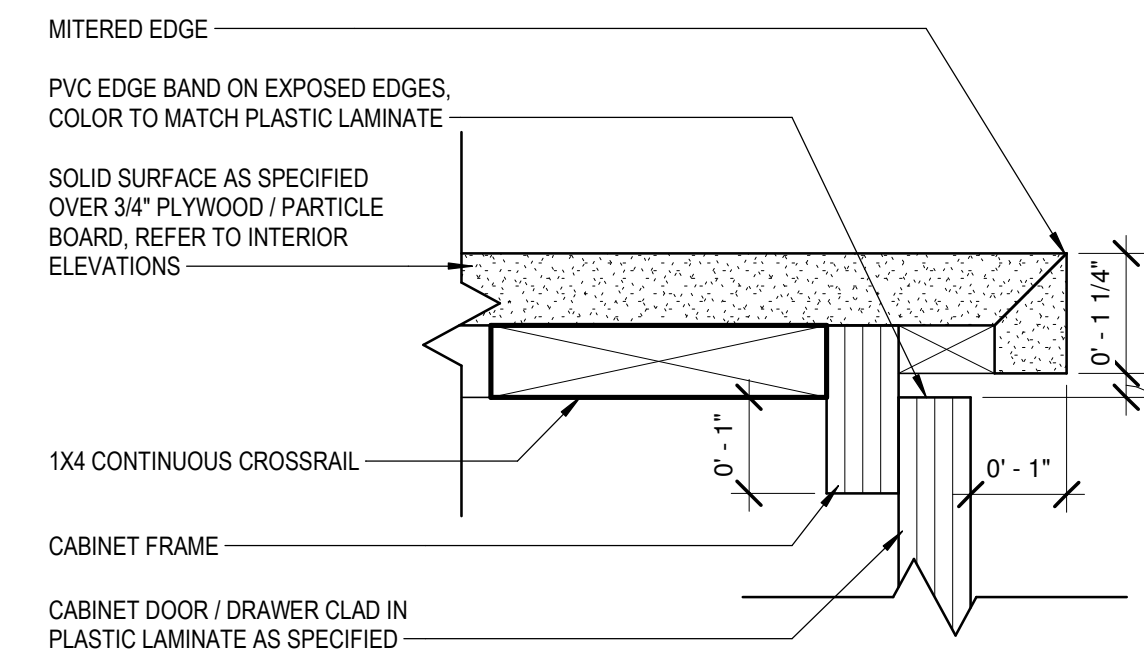
7 DETAIL - BASE CABINET W/ U.C. MICROWAVE  
1 1/2" = 1'-0"



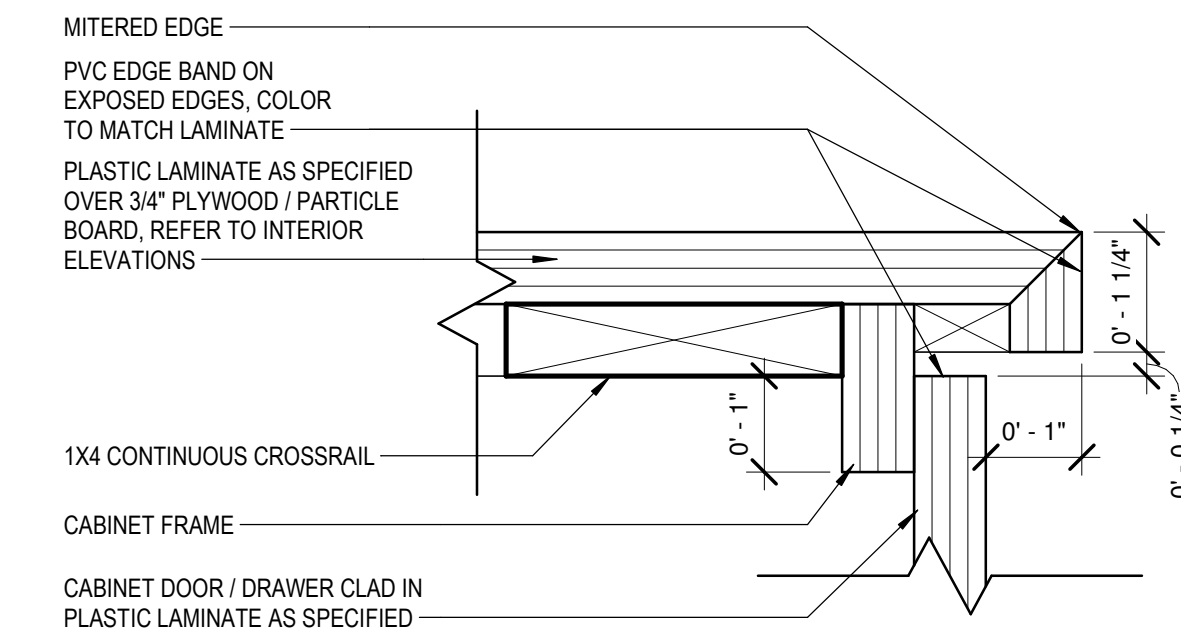
8 DETAIL - UPPER CABINET 36"H  
1 1/2" = 1'-0"



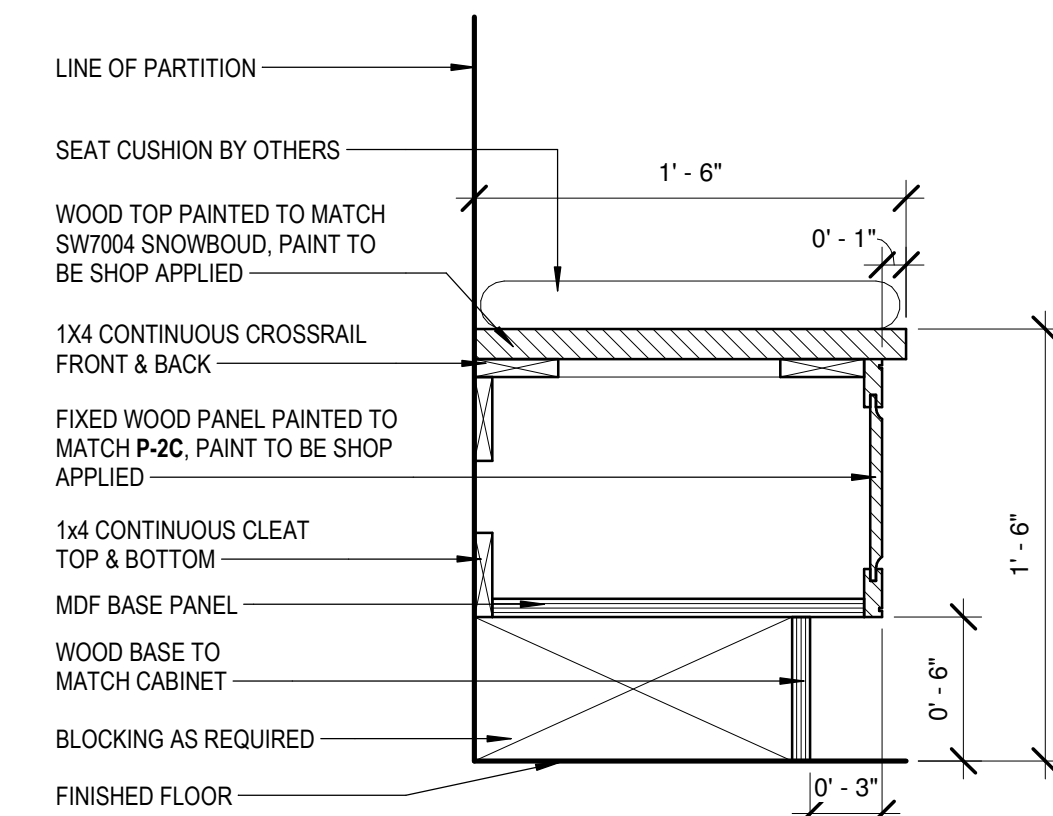
9 DETAIL - UPPER CABINET 18"H  
1 1/2" = 1'-0"



10 EDGE DETAIL - SOLID SURFACE COUNTERTOP, TYP.  
6" = 1'-0"



11 EDGE DETAIL - PLASTIC LAMINATE COUNTERTOP, TYP.  
6" = 1'-0"



12 DETAIL - BUILT-IN BENCH  
1 1/2" = 1'-0"



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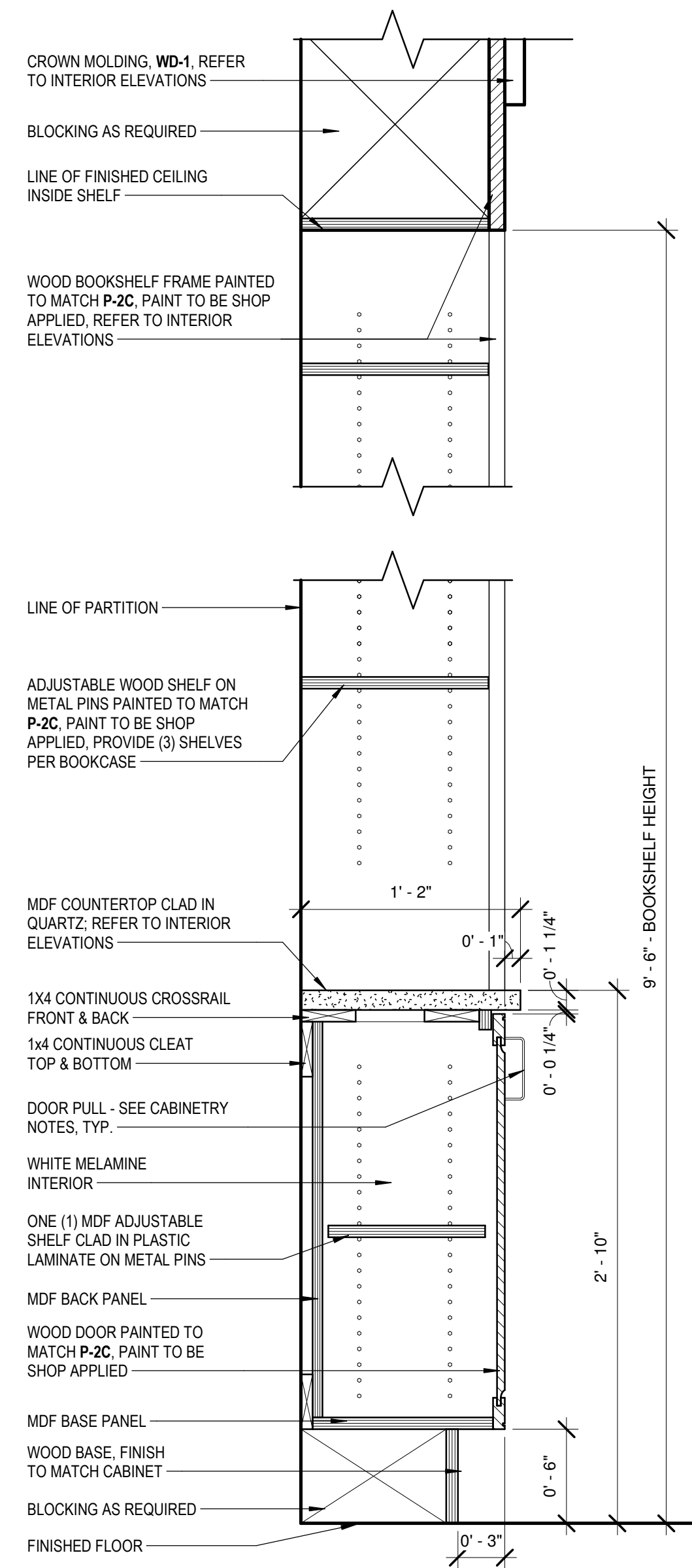
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- 2018-06-18 CD PROGRESS PRINT 90%
- 2019-02-19 CONSTRUCTION DOCUMENTS 100%
- 2019-03-08 GRANT REVIEW DOCUMENTS

Revisions

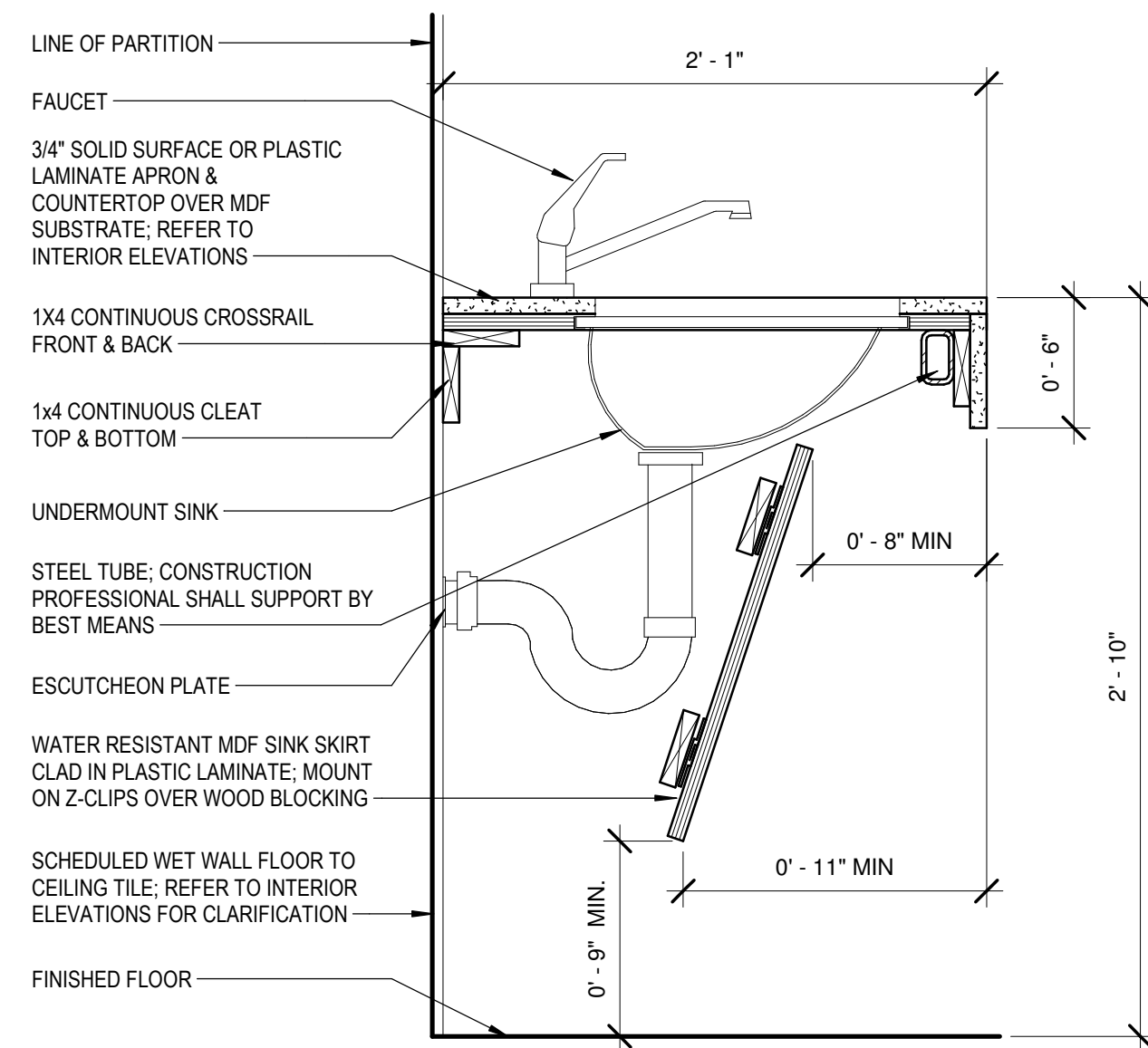
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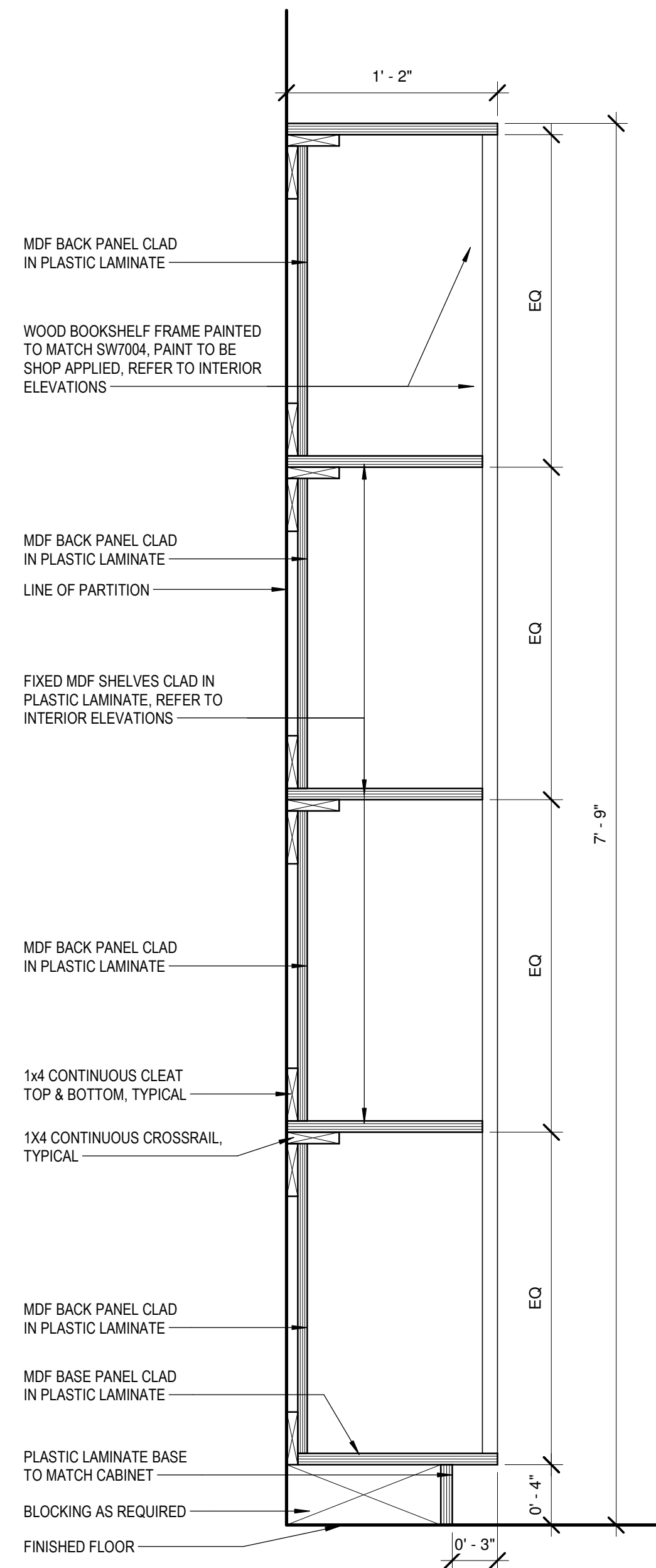
DATE	February 04, 2019
PROJECT NUMBER	1816000.000
SHEET TITLE	<b>FINISH SECTIONS AND DETAILS</b>
SHEET NUMBER	<b>I-700</b>



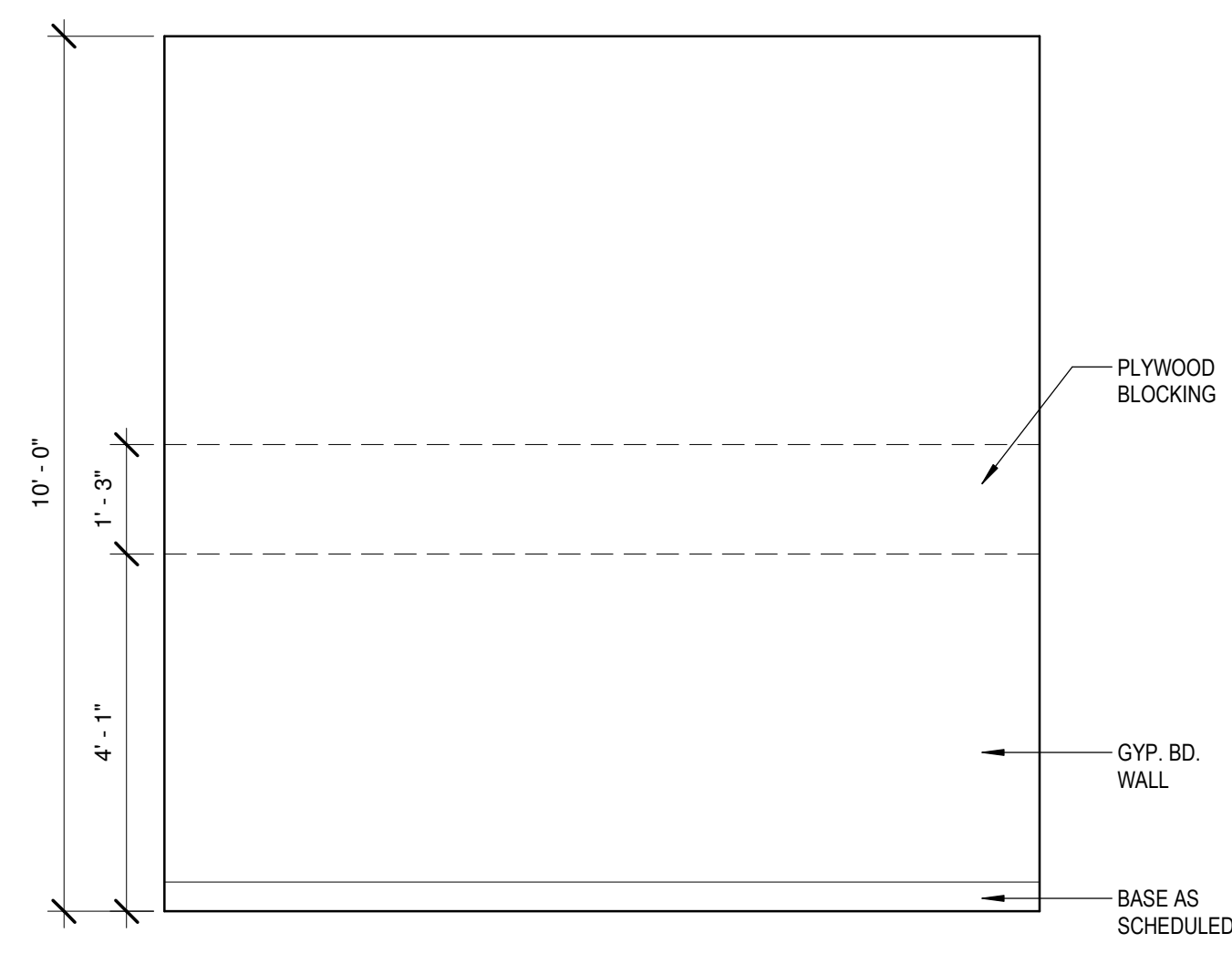
1 DETAIL - BOOKSHELF (LOBBY)  
I-701 1 1/2" = 1'-0"



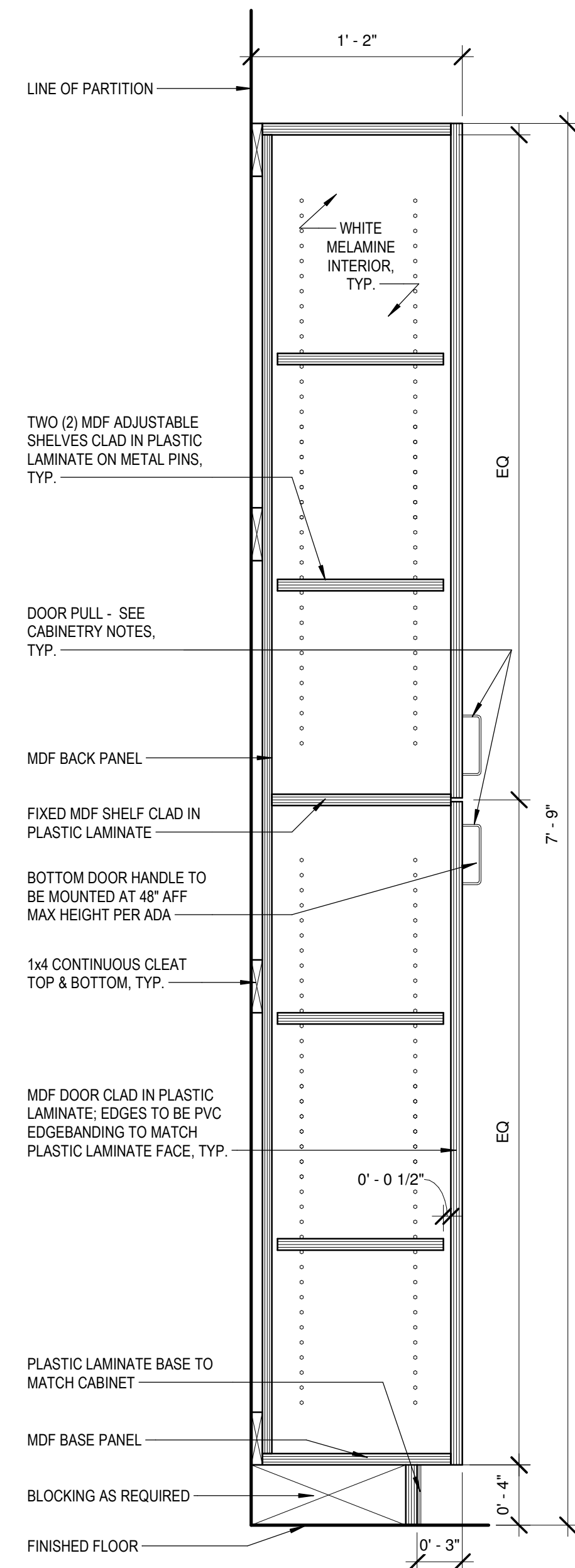
5 DETAIL - BASE U.C. SINK & SKIRT  
I-701 1 1/2" = 1'-0"



2 DETAIL - BOOKSHELF (GAME ROOM)  
I-701 1 1/2" = 1'-0"



6 DETAIL - INTERIOR BLOCKING  
I-701 1/2" = 1'-0"



3 DETAIL - PANTRY  
I-701 1 1/2" = 1'-0"



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2019-02-19	CONSTRUCTION DOCUMENTS	100%
2019-03-08	GRANT REVIEW DOCUMENTS	

Revisions

No.	Date	Description

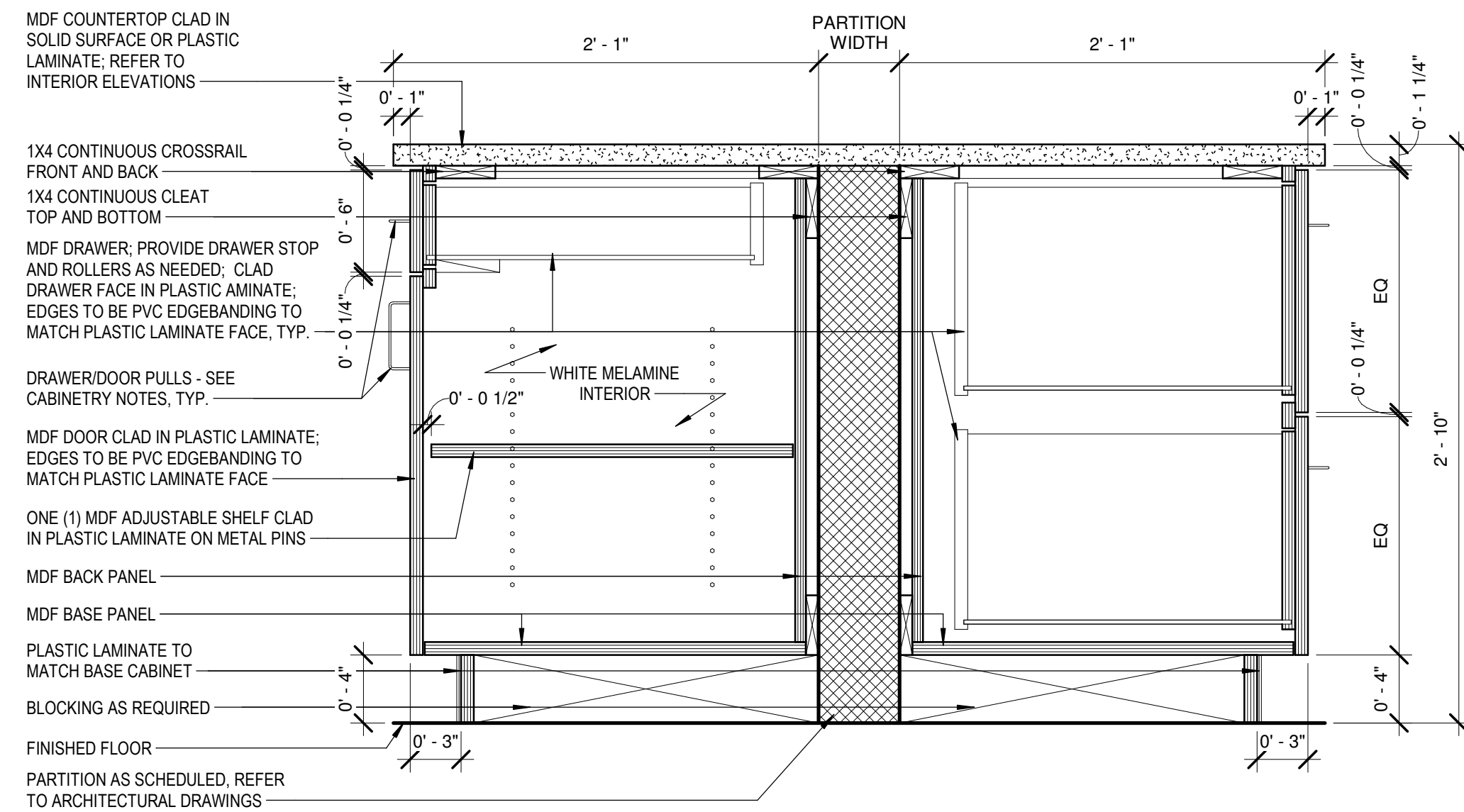
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DATE February 04, 2019

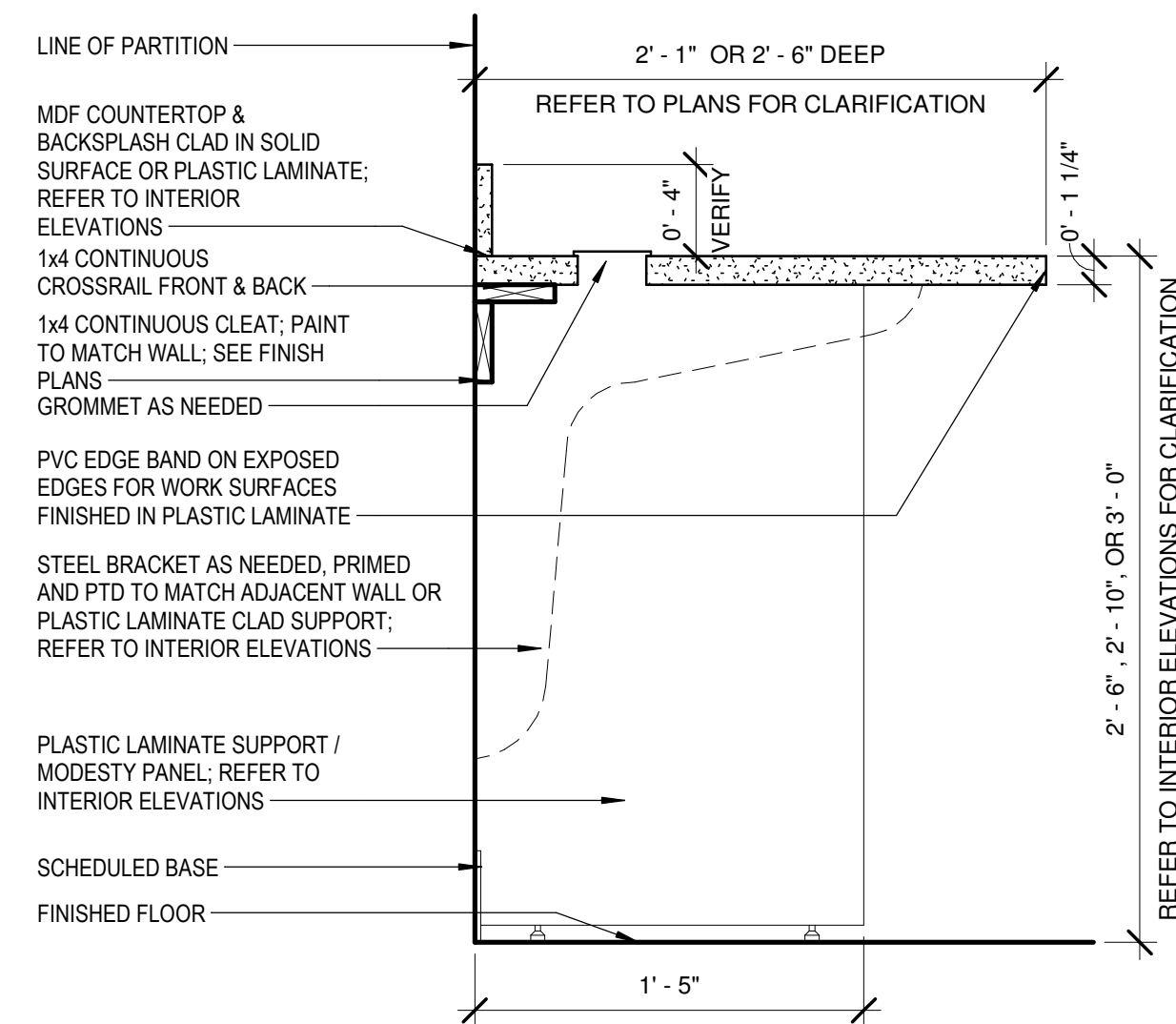
PROJECT NUMBER 1816000.000

SHEET TITLE  
**FINISH SECTIONS AND DETAILS**

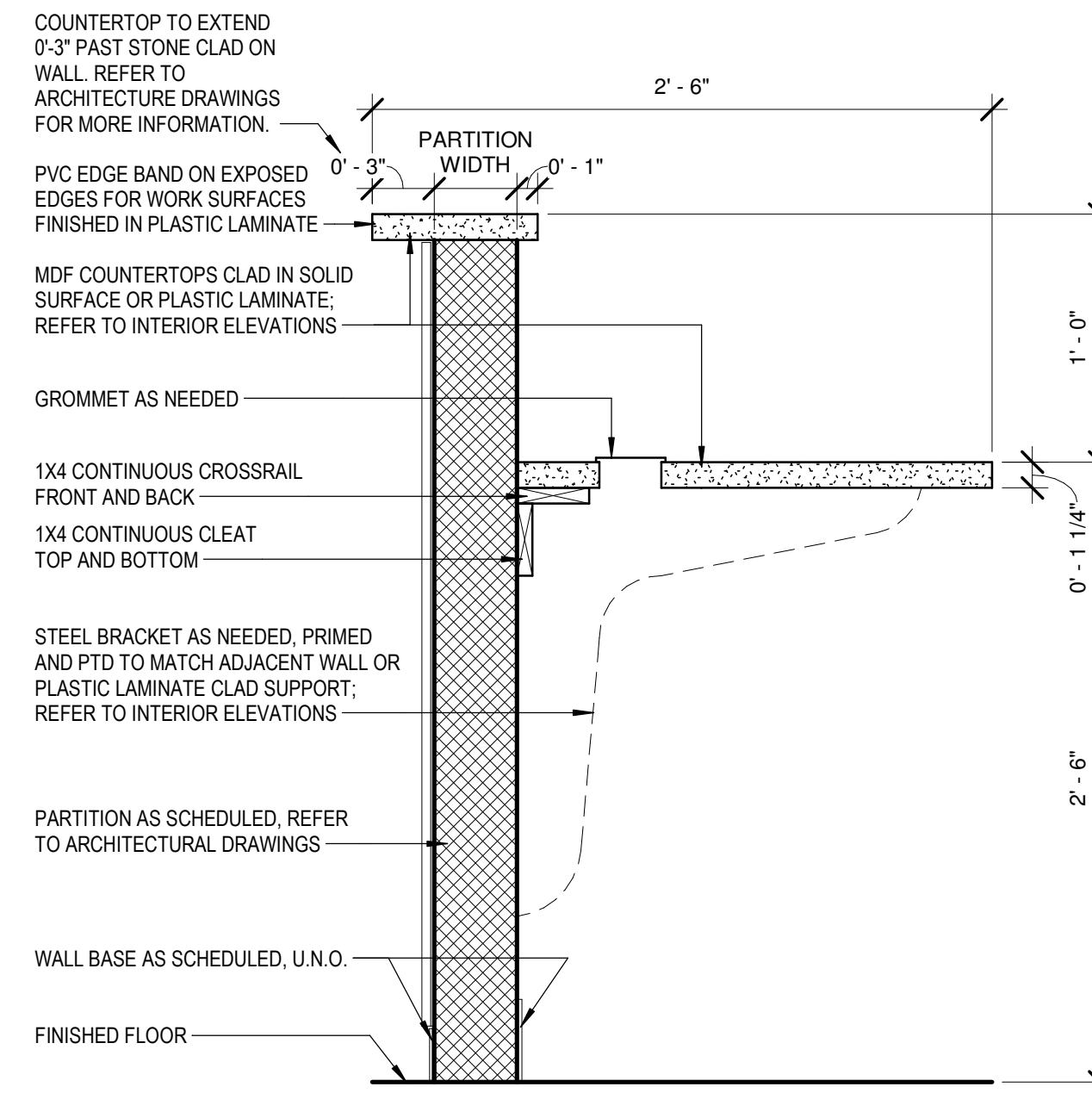
SHEET NUMBER  
**I-701**



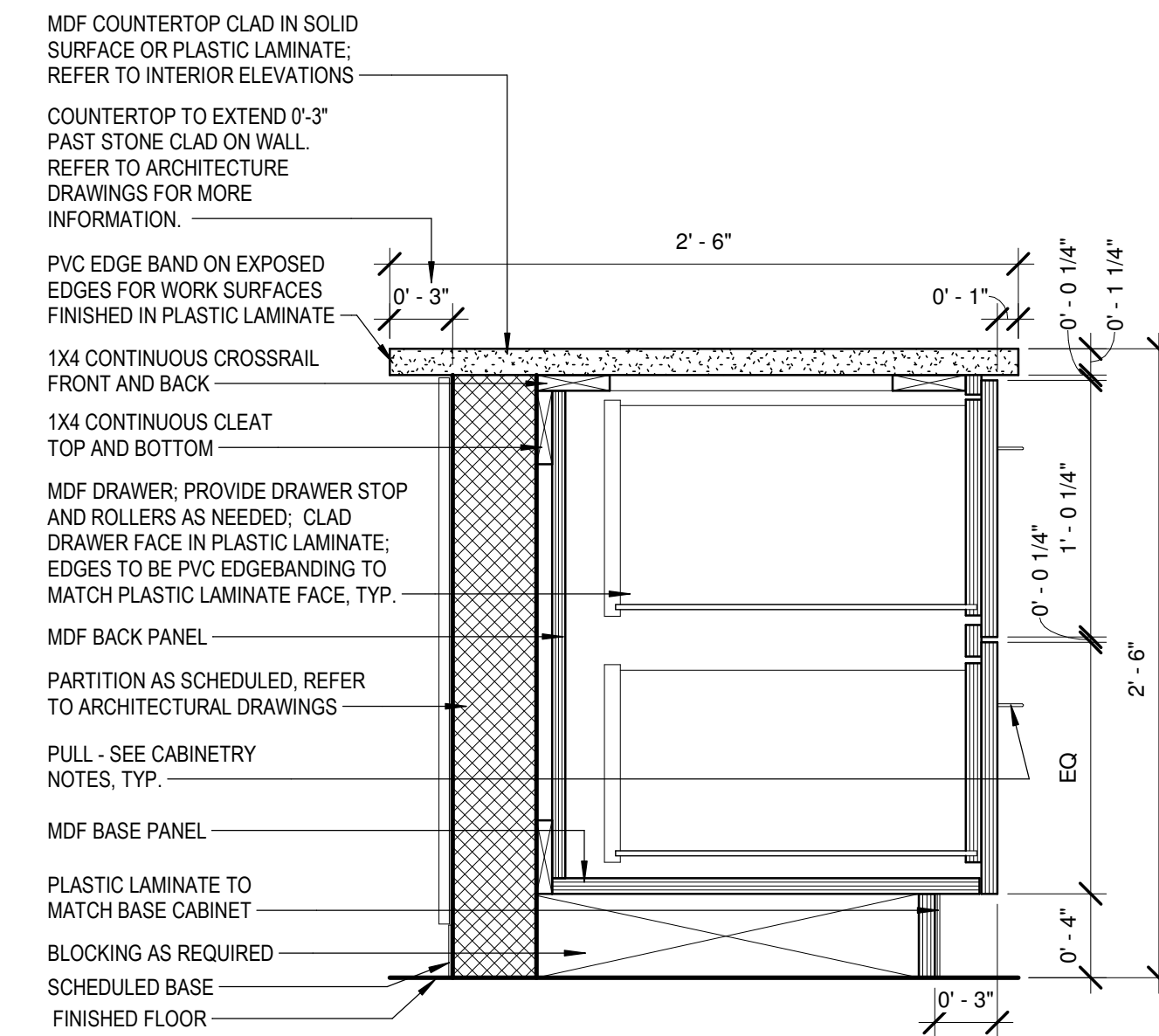
**1** DETAIL - BASE @ KITCHEN PASS THRU  
1 1/2" = 1'-0"



**4** DETAIL - WORKSURFACE A  
1 1/2" = 1'-0"



**2** DETAIL - BASE @ RECEPTION TRANSACTION  
1 1/2" = 1'-0"



**3** DETAIL - BASE @ RECEPTION COUNTER W/ 2 DRAWERS  
1 1/2" = 1'-0"



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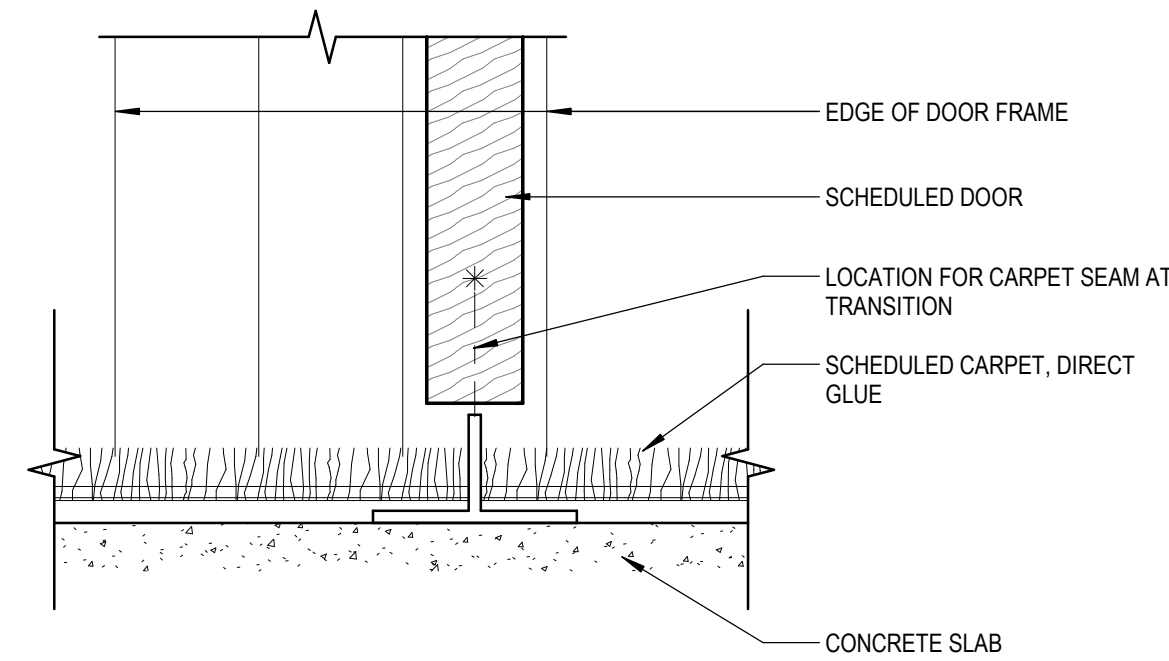
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DATE February 04, 2019

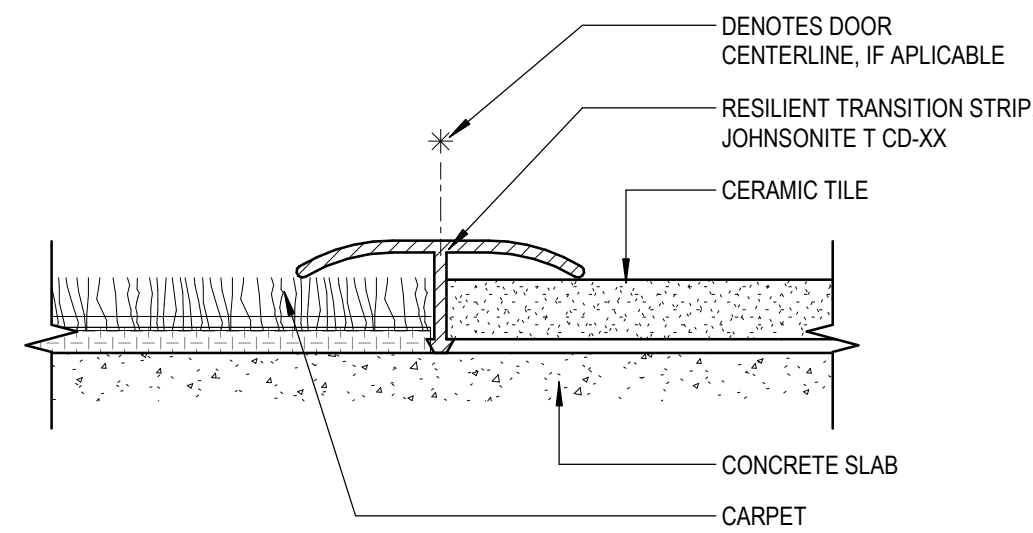
PROJECT NUMBER 1816000.000

SHEET TITLE  
**FINISH SECTIONS AND DETAILS**

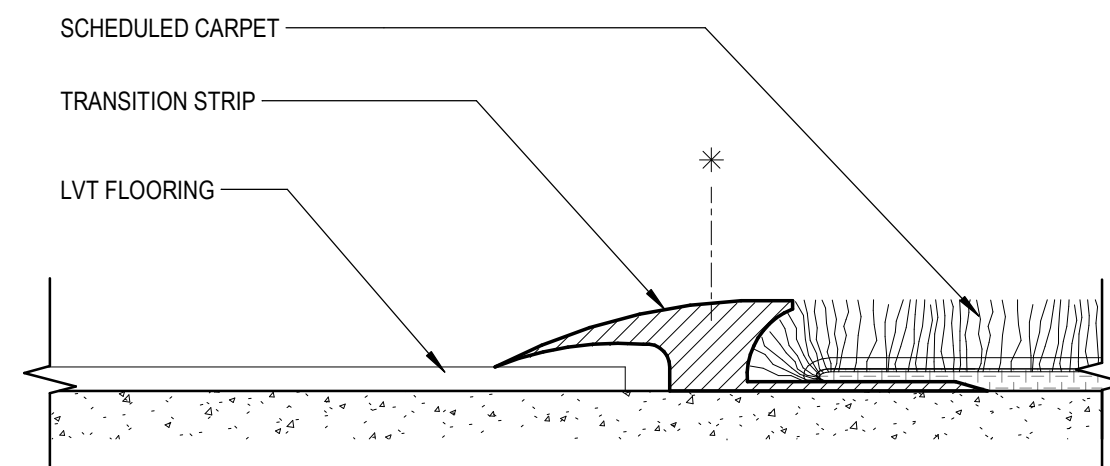
SHEET NUMBER  
**I-702**



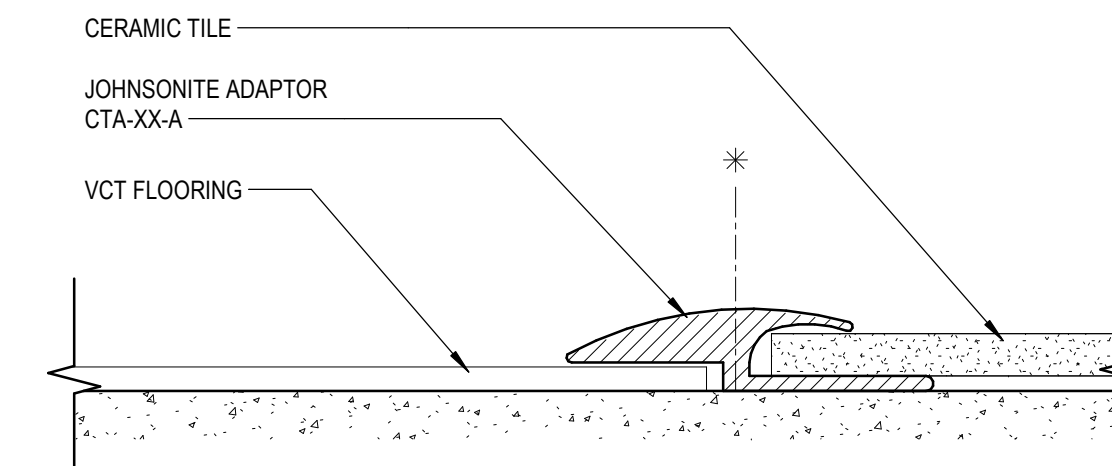
1 TRANSITION - CARPET TO CARPET  
I-703 12" = 1'-0"



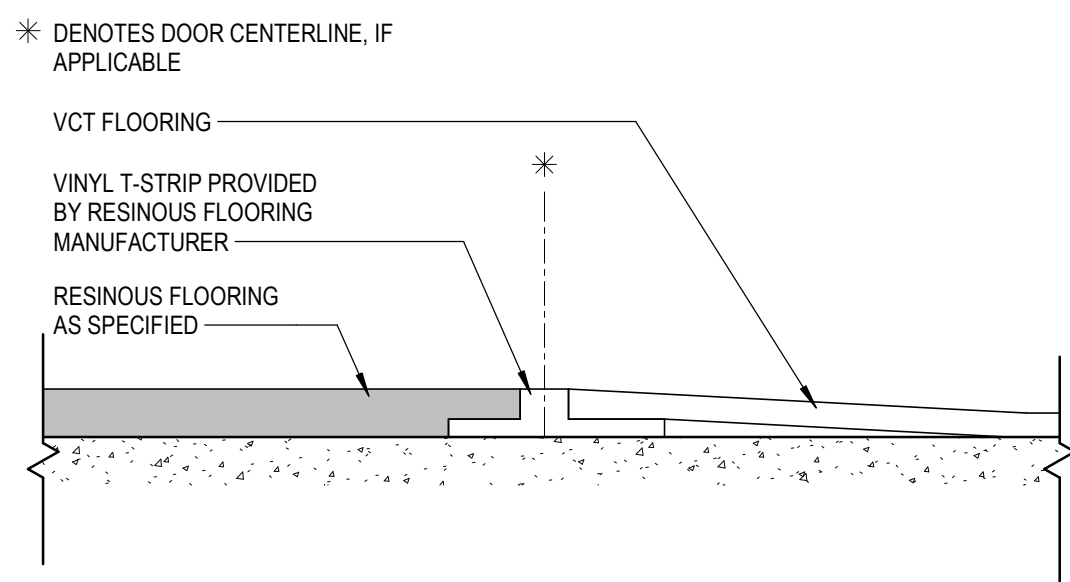
2 TRANSITION - CARPET TO CERAMIC TILE  
I-703 12" = 1'-0"



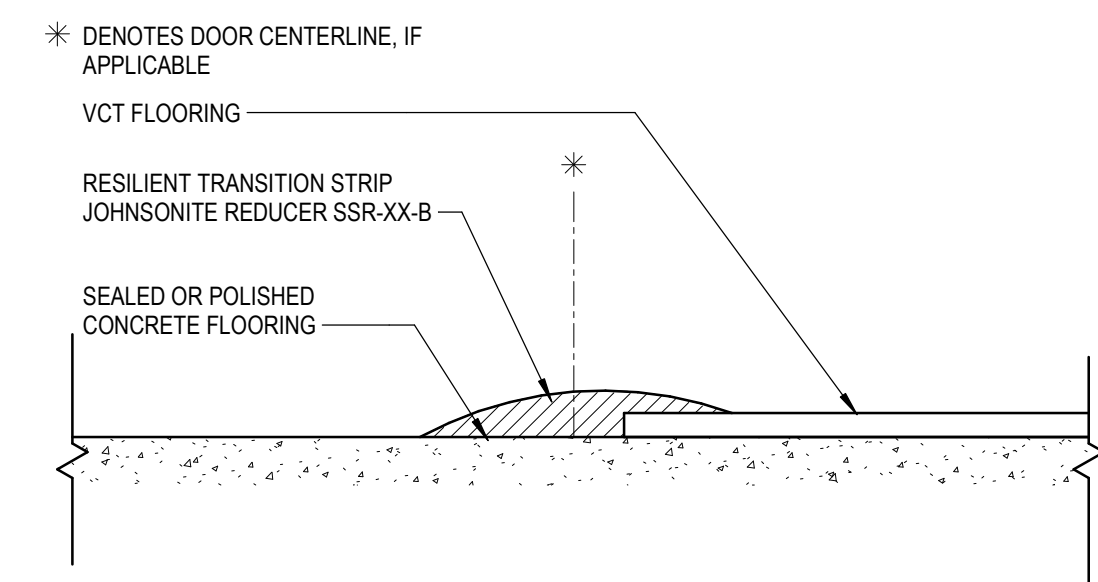
3 TRANSITION - CARPET TO LVT  
I-703 12" = 1'-0"



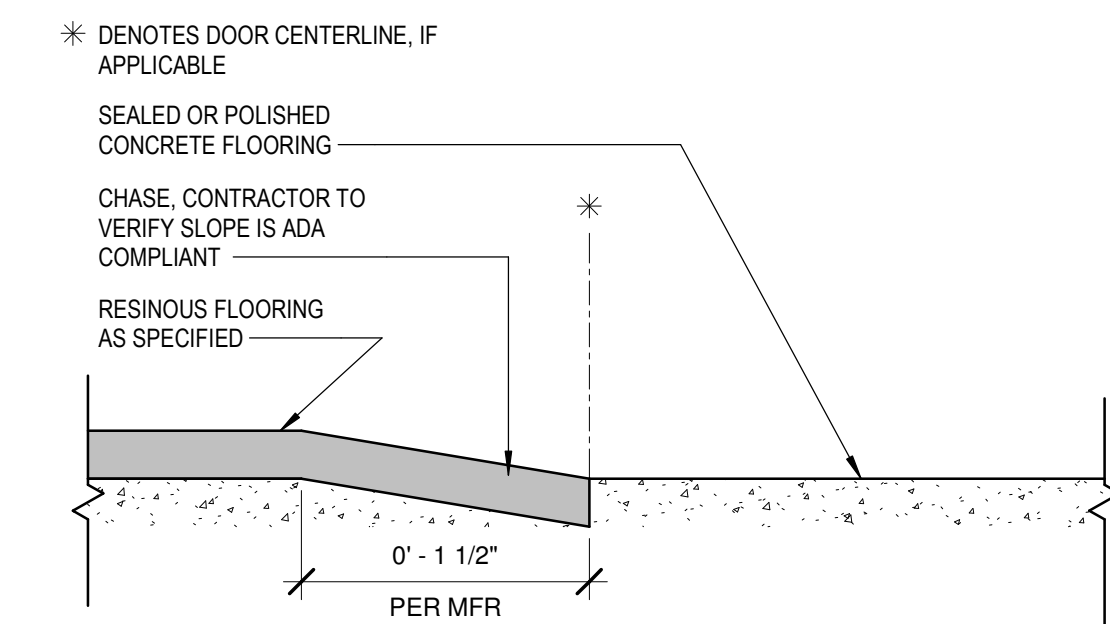
4 TRANSITION - LVT TO CERAMIC TILE  
I-703 12" = 1'-0"



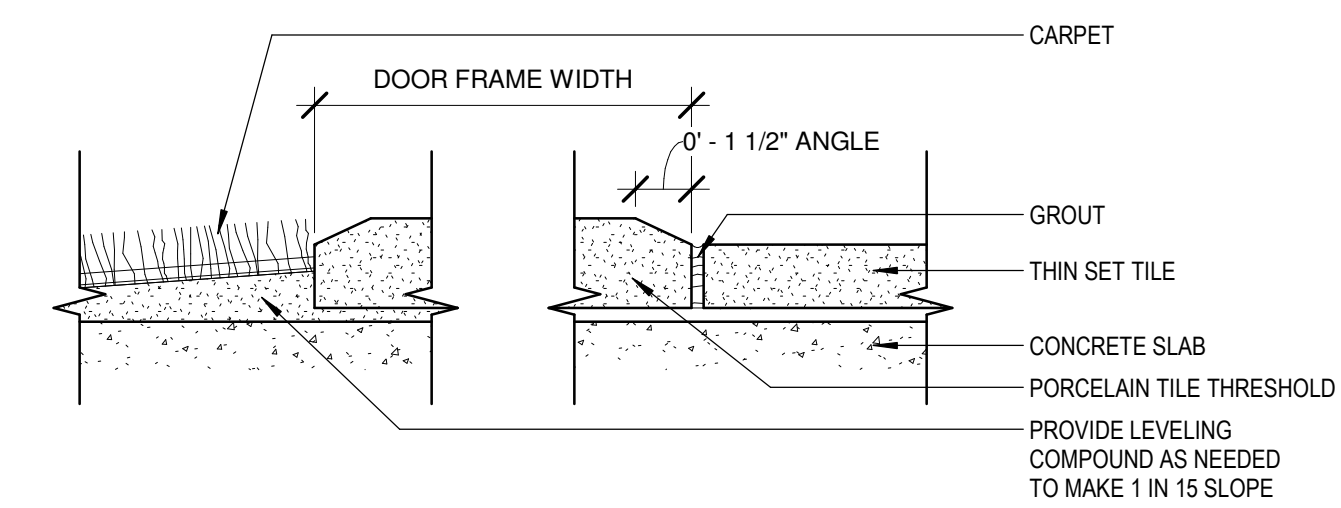
5 TRANSITION - LVT TO RESINOUS FLOOR  
I-703 12" = 1'-0"



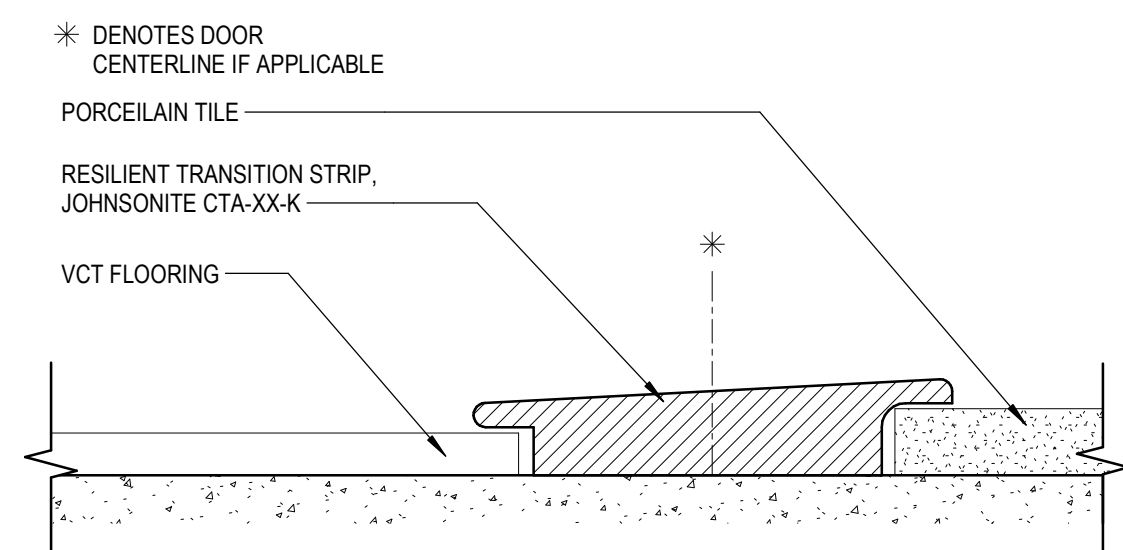
6 TRANSITION - CONCRETE TO LVT  
I-703 12" = 1'-0"



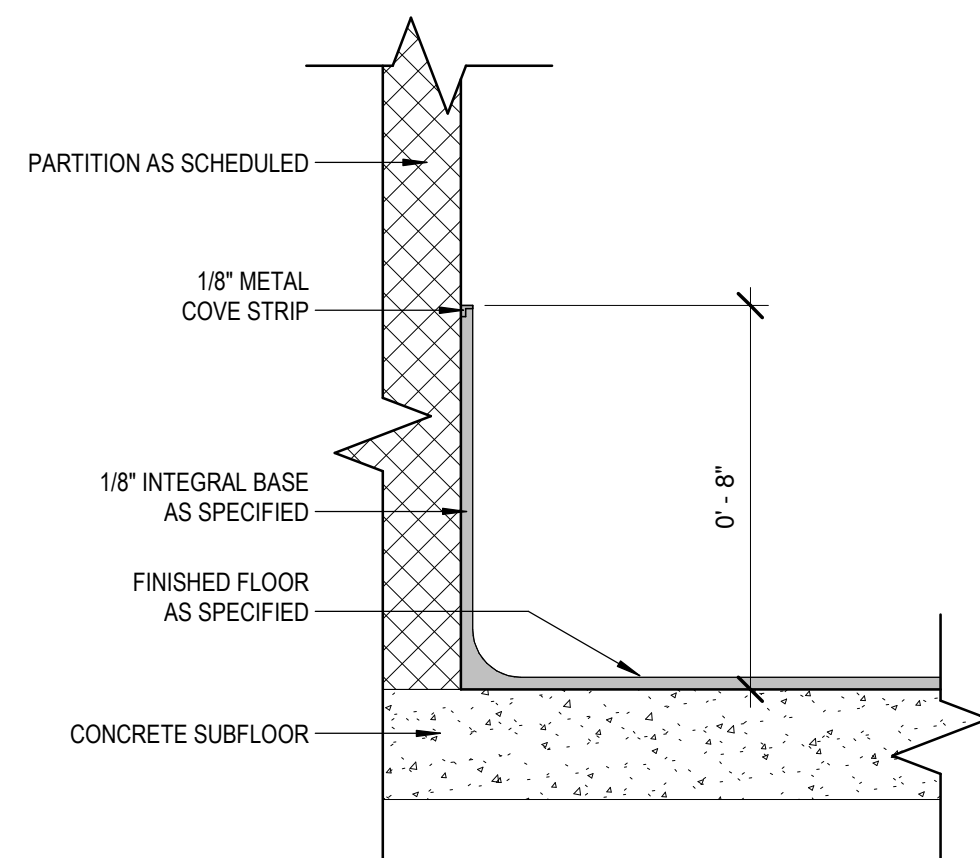
7 TRANSITION - CONCRETE TO RESINOUS FLOOR  
I-703 12" = 1'-0"



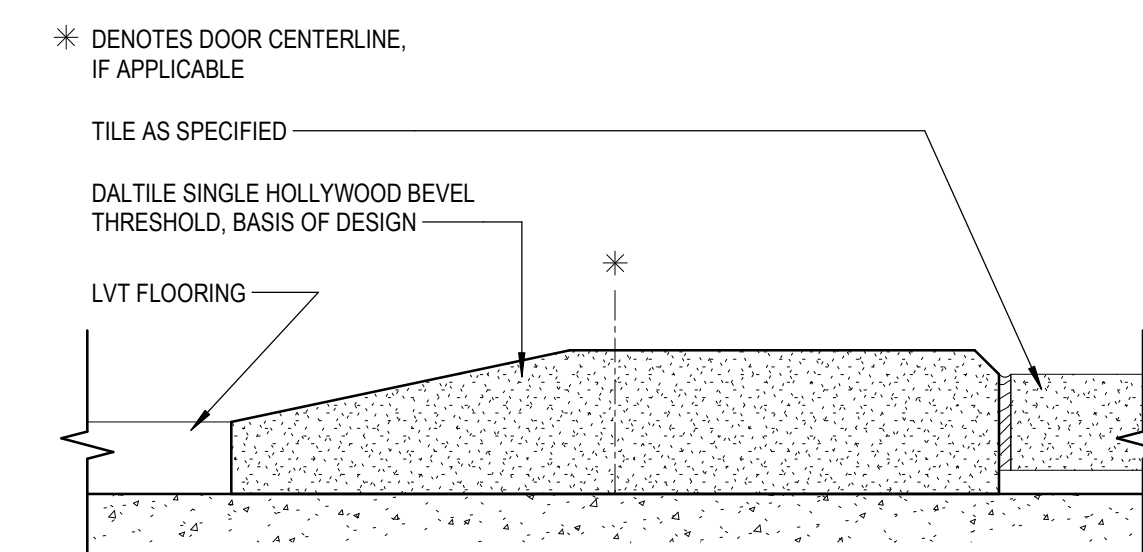
8 TRANSITION - CARPET TO PORCELAIN TILE  
I-703 12" = 1'-0"



9 TRANSITION - LVT TO PORCELAIN TILE  
I-703 12" = 1'-0"



10 DETAIL - INTEGRAL RESINOUS BASE  
I-703 3" = 1'-0"



11 TRANSITION - LVT TO CERAMIC TILE (STONE)  
I-703 12" = 1'-0"



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2019-02-19 CONSTRUCTION DOCUMENTS	100%
2019-03-08 GRANT REVIEW DOCUMENTS	

Revisions

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DATE February 04, 2019

PROJECT NUMBER 1816000.000

SHEET TITLE

FINISH SECTIONS AND DETAILS

SHEET NUMBER

I-703

SHEET NAME: MECHANICAL - GENERAL NOTES, LEGENDS & ABBREVIATIONS; PROJECT NAME: DAWSON COUNTY SENIOR CENTER; SHEET NUMBER: M-001; DATE: 02/27/2019 2:15:08 PM

FILENAME: C:\Users\jstjulen\Documents\DLK\_DAWSON SENIOR CENTER\_MECH\_ISTJULIENCFR02

HVAC GENERAL NOTES
1. DRAWINGS ARE DIAGRAMMATIC. CONTRACTOR SHALL COORDINATE EXACT LOCATIONS AND ELEVATIONS OF ALL DUCTWORK, PIPING, LIGHTS, CONDUIT, CABLE TRAYS, ETC., PRIOR TO INSTALLATION AND OFFSET DUCT WHERE REQUIRED TO AVOID INTERFERENCE. THE CONTRACTOR SHALL PROVIDE ALL SIZES, MATERIALS, AND RATINGS BEFORE ORDERING OR FABRICATION OF ANY PRODUCT OPERATING REQUIREMENTS. SEE SPECIFICATION SECTIONS 013100 AND 230500 FOR COORDINATION DRAWING REQUIREMENTS. DO NOT LOCATE VALVES, DAMPERS, ACTUATORS, CONTROL COMPONENTS, ANY EQUIPMENT WITH MOVING PARTS OR ANY EQUIPMENT REQUIRING ACCESS OR REGULAR MAINTENANCE ABOVE INACCESSIBLE CEILINGS. OBTAIN PRIOR APPROVAL IF UNAVOIDABLE & PROVIDE AN ACCESS PANEL THAT WILL ALLOW SAFE AND PRACTICAL ACCESS.

HVAC GENERAL NOTES (Continued)
4. COORDINATE MECHANICAL AND ELECTRICAL SUCH THAT PIPING, DUCTWORK OR MECHANICAL EQUIPMENT ARE NOT LOCATED OVER ANY ELECTRICAL EQUIPMENT. LOCATE ALL PIPING AND DUCTWORK ABOVE ACCESSIBLE CEILINGS UNLESS OTHERWISE NOTED. TO ALLOW ACCESS AND MAINTENANCE, DO NOT LOCATE DUCT, PIPING AND EQUIPMENT SUCH THAT ACCESS IS UNACCEPTABLE FOR FACILITIES MAINTENANCE AND REPAIR.

DUCTWORK NOTES CONT
34. EXACT LOCATION OF ALL SUPPLY DIFFUSERS, RETURN AIR GRILLES, AND EXHAUST REGISTERS TO BE COORDINATED WITH LIGHTING LAYOUT AND REFLECTED CEILING.

DESIGN CRITERIA
DESIGN CRITERIA:
LOCATION: DAWSON COUNTY, GA
OUTDOOR SUMMER: 96°F DB, 76° WB WINTER: 29°F DB
INTERIOR: 75°F DB, 50% RH SUMMER / 70° DB WINTER
EQUIPMENT: PER ROOM PLANS VENTILATION: PER ASHRAE 62.1-2010

HVAC LEGEND table with columns SYMBOL and DESCRIPTION, listing symbols for air flow indicators, sensors, diffusers, and ductwork types.

HVAC LEGEND table with columns SYMBOL and DESCRIPTION, listing symbols for duct elbows, tees, heaters, dampers, diffusers, and grilles.

HVAC ABBREVIATIONS table listing abbreviations for various HVAC components such as air conditioning, exhaust fans, electrical, pressure, and volume dampers.

(NOT ALL SYMBOLS AND ABBREVIATIONS ARE USED ON THIS PROJECT)

SHEET LIST - MECHANICAL table listing sheet numbers and descriptions from M-001 to M-900.

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Revisions table with columns No., Date, and Description.

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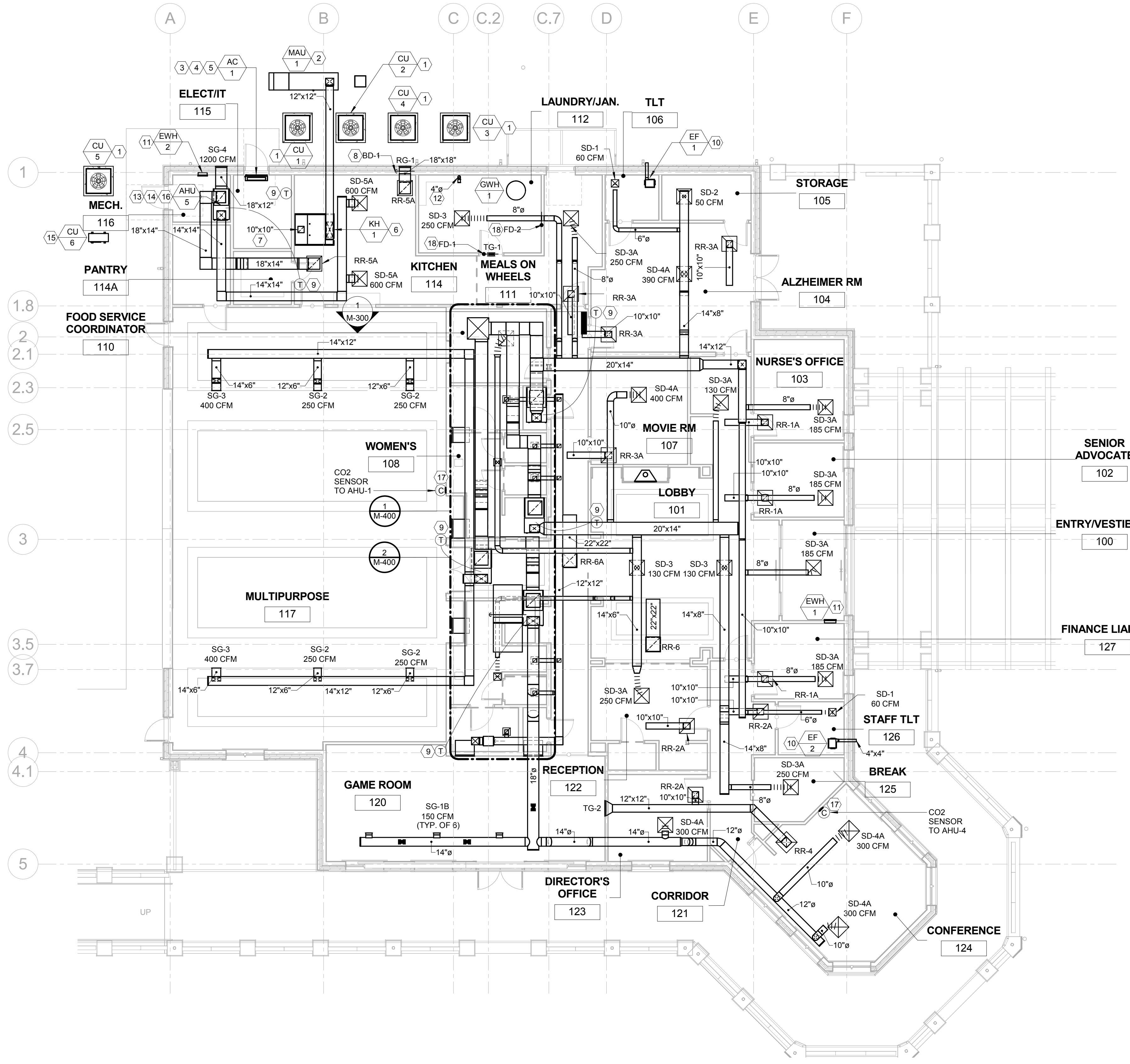
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DATE 02/04/2019 PROJECT NUMBER 2018009

Mechanical - General Notes, Legends & Abbrev.

SHEET NUMBER M-001

FILENAME: C:\Users\jstjelen\Documents\SJK\_DAWSON SENIOR CENTER\_MECH\_1ST FLOOR PLAN - DUCTWORK.rvt  
 SHEET NAME: MECHANICAL - LEVEL 1 FLOOR PLAN - DUCTWORK SHEET NUMBER: M-100 PROJECT NAME: DAWSON COUNTY SENIOR CENTER 2/7/2019 2:15:10 PM



MECHANICAL KEYNOTES	
KEYNOTE NO.	KEYNOTE TEXT
1	INSTALL AND BOLT CONDENSING UNIT ONTO 4" CONCRETE PAD PER MANUFACTURER'S INSTRUCTIONS. REFER TO DETAIL #5 ON SHEET M-502 FOR MORE INFORMATION.
2	INSTALL AND MOUNT MAKE-UP AIR UNIT ON 6" CONCRETE PAD PER MANUFACTURER'S INSTRUCTIONS. REFER TO DETAIL #1 ON SHEET M-501 AND KITCHEN EQUIPMENT SCHEDULES ON SHEETS M-602, 603 & 604 FOR MORE INFORMATION.
3	MOUNT AC ABOVE DOOR AND CONNECT REFRIGERANT LINES AND CONDENSATE PIPING TO UNIT CONNECTIONS. REFER TO DETAIL #2 ON SHEET M-501 FOR MORE INFORMATION.
4	ROUTE CONDENSATE DRAIN PIPING FROM AC TO NEAREST FLOOR DRAIN. COORDINATE LOCATION WITH OTHER TRADES.
5	PROVIDE CONDENSATE PAN AND MOUNT BELOW AC WITH FLOW SWITCH TO SHUT-DOWN UNIT.
6	MOUNT KITCHEN HOOD AT 80" AFF AND INSTALL PER MANUFACTURER'S INSTRUCTIONS. MOUNT CONTROL PANEL ON HOOD PER MANUFACTURER'S RECOMMENDATIONS. REFER TO DETAIL #1 ON SHEET M-502 AND KITCHEN EQUIPMENT SCHEDULES ON SHEETS M-602, 603 & 604 FOR MORE INFORMATION.
7	ROUTE 10"x10" DOUBLE WALL GREASE DUCT WITH DUCT WRAP FROM FAN ON ROOF TO HOOD OPENING.
8	PROVIDE BAROMETRIC RELIEF DAMPER AND INSTALL PER MANUFACTURER'S INSTRUCTIONS.
9	MOUNT PROGRAMMABLE THERMOSTAT AT 48" AFF. COORDINATE WITH OWNER FOR FINAL LOCATION IN ROOM. (TYPICAL).
10	INSTALL AND MOUNT CEILING EXHAUST FAN PER MANUFACTURER'S INSTRUCTIONS. TERMINATE EXHAUST VENT WITH EXTERIOR WALL CAP AND REFER TO ARCHITECTURAL ELEVATIONS FOR FINAL HEIGHT OF WALL CAP. REFER TO DETAIL #3 ON SHEET M-500 FOR MORE INFORMATION.
11	MOUNT AND INSTALL ELECTRIC WALL HEATER PER MANUFACTURER'S INSTRUCTIONS. MOUNT BOTTOM OF HEATER AT 12" AFF. PROVIDE INTEGRAL THERMOSTAT. COMPLETELY CONCEAL THE POWER ON/OFF SWITCH BEHIND THE FRONT GRILLE OF THE HEATER.
12	4"Ø EXHAUST VENT UP TO ROOF. TERMINATE DRYER EXHAUST WITH VENT CAP. REFER TO DETAIL #3 ON SHEET M-501 FOR MORE INFORMATION.
13	ROUTE CONDENSATE DRAIN PIPING FOR AHU-5 TO FLOOR DRAIN IN MECH. 116.
14	PROVIDE AN ECONOMIZER CONTROL MODULE BY HONEYWELL, MODEL W7220, WITH SYLK BUS SENSORS AND MOUNT ON THE WALL AT 60" AFF/NEAR THE UNIT. THE MODULE SHALL BE USED AS A STAND ALONE, WIRED DIRECTLY TO SPACE THERMOSTAT AND SENSORS TO PROVIDE OUTDOOR AIR DRY-BULB & ECONOMIZER CONTROL.
15	INSTALL AND MOUNT CONDENSING UNIT ON 4" CONCRETE PAD PER MANUFACTURER'S INSTRUCTIONS. REFER TO DETAIL #2 ON SHEET M-501 FOR MORE INFORMATION.
16	INSTALL UPFLOW AHU AND ECONOMIZER MIXING BOX PER MANUFACTURER'S INSTRUCTIONS. REFER TO DETAIL #4 ON SHEET M-501 FOR MORE INFORMATION.
17	INSTALL AND MOUNT CO2 SENSOR AT 48" AFF. COORDINATE WITH OWNER FOR FINAL LOCATION IN ROOM. (TYPICAL).
18	PROVIDE FIRE DAMPER AND INSTALL PER MANUFACTURER'S INSTRUCTIONS. REFER TO DETAIL #6 ON SHEET M-501 AND FIRE DAMPER SCHEDULE ON SHEET M-601 FOR MORE INFORMATION.

**GENERAL NOTES:**

- THE AREA ABOVE THE CEILING IS USED AS A RETURN AIR PLENUM AND ALL MATERIALS LOCATED IN THIS AREA MUST BE PLENUM RATED WITH A MINIMUM 25/50 FLAME/SMOKE SPREAD RATING.
- ALL EXPOSED DUCTWORK SHOULD BE DOUBLE WALL INSULATED SPIRAL DUCT.
- COORDINATE ALL DIFFUSER AND REGISTER LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS.
- REDESIGN OF MECHANICAL WORK, WHICH IS REQUIRED DUE TO THE CONTRACTOR'S USE OF AN ALTERNATE ITEM, ARRANGEMENT OF EQUIPMENT, AND/OR LAYOUT OTHER THAN SPECIFIED HEREIN, SHALL BE DONE BY THE CONTRACTOR AND COORDINATED WITH ELECTRICAL, STRUCTURAL, AND ARCH AT HIS OWN EXPENSE. REDESIGN AND DETAILED PLANS SHOULD INCLUDE DIMENSIONS. ELECTRICAL DATA AND WEIGHT OF EQUIPMENT SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. NO ADDITIONAL COMPENSATION WILL BE PROVIDED FOR CHANGES IN THE WORK, EITHER HIS OWN OR OTHERS, CAUSED BY SUCH REDESIGN.

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 2019-02-04 CONSTRUCTION DOCUMENTS 100%

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No.	Date	Description

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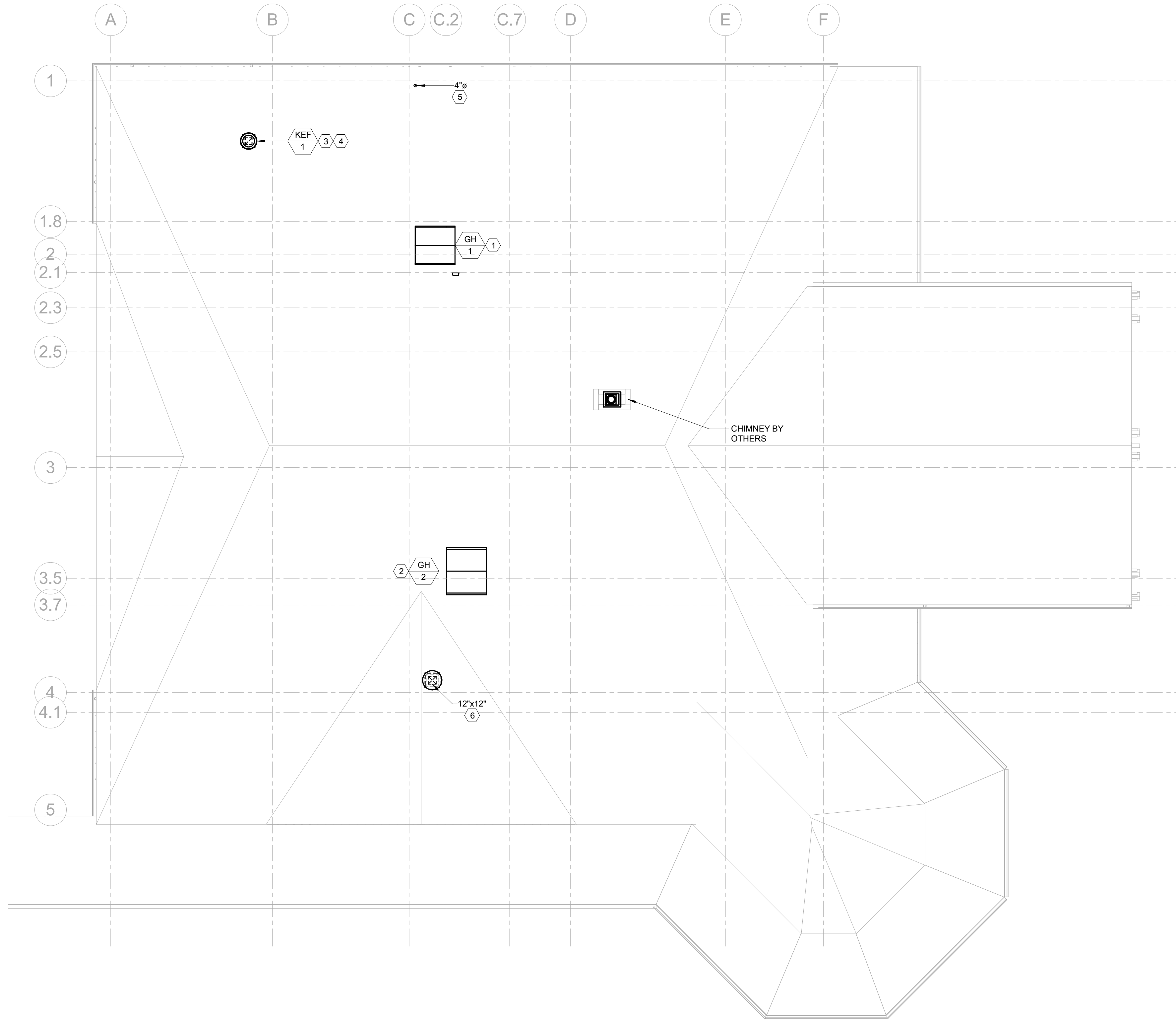
DATE 02/04/2019

PROJECT NUMBER 2018009

SHEET TITLE  
**MECHANICAL - LEVEL 1 FLOOR PLAN - DUCTWORK**

SHEET NUMBER  
**M-100**

**1 MECHANICAL - LEVEL 1 FLOOR PLAN - DUCTWORK**  
1/8" = 1'-0"



MECHANICAL KEYNOTES	
KEYNOTE NO.	KEYNOTE TEXT
1	MOUNT AND INSTALL GRAVITY INTAKE HOOD ON ROOF PER MANUFACTURER'S INSTRUCTIONS. REFER TO SECTION #1 ON SHEET M-300 AND DETAIL #3 ON SHEET M-502 FOR MORE INFORMATION.
2	MOUNT AND INSTALL GRAVITY RELIEF HOOD ON ROOF PER MANUFACTURER'S INSTRUCTIONS. REFER TO DETAIL #2 ON SHEET M-502 FOR MORE INFORMATION.
3	INSTALL AND MOUNT KITCHEN EXHAUST FAN ON ROOF PER MANUFACTURER'S INSTRUCTIONS. REFER TO DETAIL #1 ON SHEET M-502 AND KITCHEN EQUIPMENT SCHEDULES ON SHEETS M-602, 603 & 604 FOR MORE INFORMATION.
4	PROVIDE DUCT FROM UNIT FULL SIZE OF UNIT OPENING. TRANSITION AS REQUIRED TO DUCT SIZES SHOWN ON PLAN. TRANSITIONS SHALL BE MADE IN ACCORDANCE WITH SMACNA STANDARDS. VERIFY UNIT OPENING SIZES AND CONFIGURATION WITH MFR.
5	4"Ø EXHAUST VENT UP TO ROOF. TERMINATE DRYER EXHAUST WITH VENT CAP. REFER TO DETAIL #3 ON SHEET M-501 FOR MORE INFORMATION.
6	12"x12" EXHAUST AIR DUCT DOWN TO EF-3. TERMINATE EXHAUST VENT WITH VENT CAP. REFER TO DETAIL #5 ON SHEET M-501 FOR MORE INFORMATION.

**GENERAL NOTES:**

- REDESIGN OF MECHANICAL WORK, WHICH IS REQUIRED DUE TO THE CONTRACTOR'S USE OF AN ALTERNATE ITEM, ARRANGEMENT OF EQUIPMENT, AND/OR LAYOUT OTHER THAN SPECIFIED HEREIN, SHALL BE DONE BY THE CONTRACTOR AND COORDINATED WITH ELECTRICAL, STRUCTURAL, AND ARCH AT HIS OWN EXPENSE. REDESIGN AND DETAILED PLANS SHOULD INCLUDE DIMENSIONS, ELECTRICAL DATA AND WEIGHT OF EQUIPMENT SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. NO ADDITIONAL COMPENSATION WILL BE PROVIDED FOR CHANGES IN THE WORK, EITHER HIS OWN OR OTHERS, CAUSED BY SUCH REDESIGN.

1 MECAHNICAL - ROOF PLAN - DUCTWORK  
1/8" = 1'-0"



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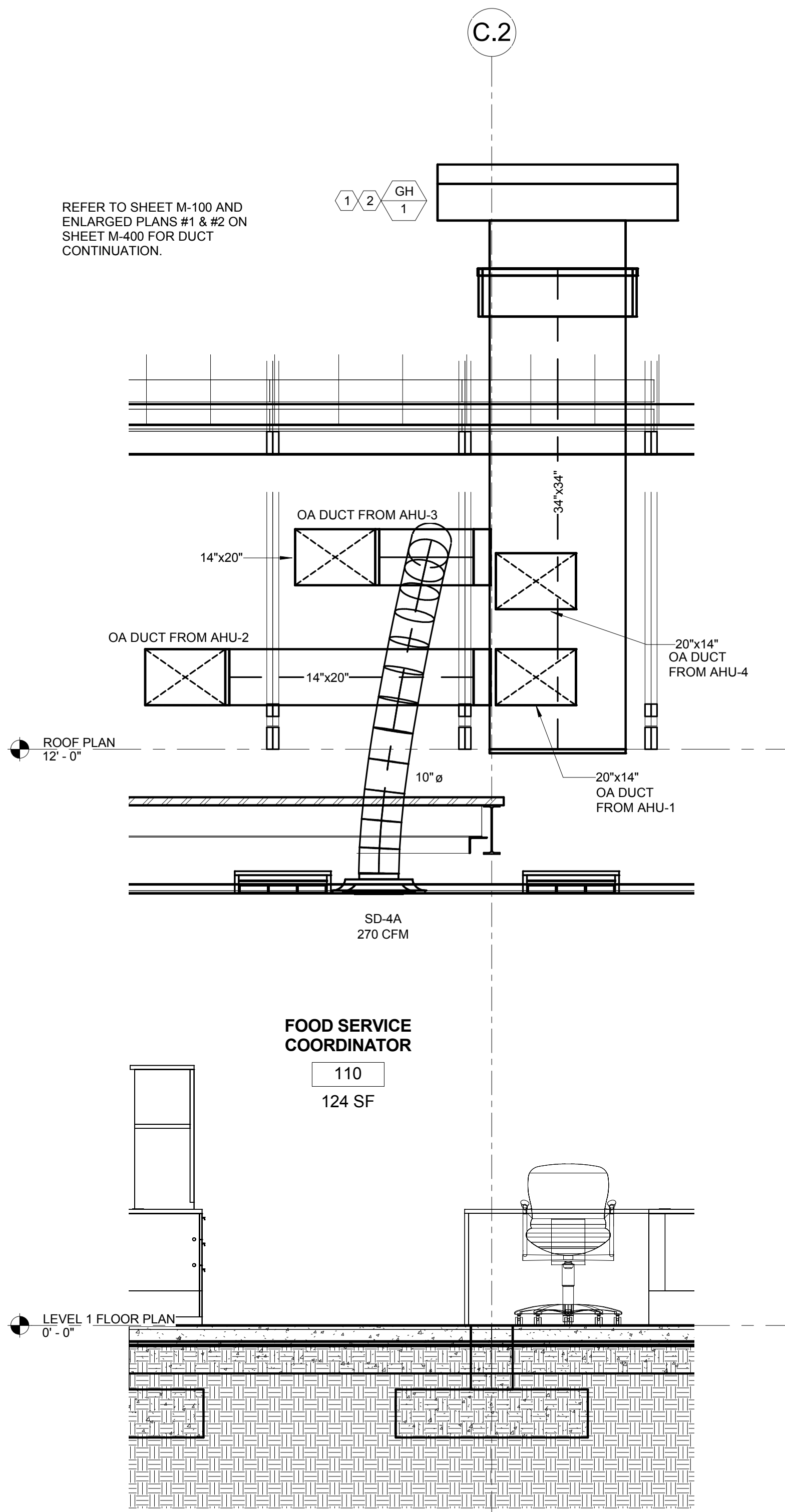
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DATE 02/04/2019  
PROJECT NUMBER 2018009  
SHEET TITLE  
**MECHANICAL - ROOF PLAN - DUCTWORK**

SHEET NUMBER  
**M-102**





REFER TO SHEET M-100 AND ENLARGED PLANS #1 & #2 ON SHEET M-400 FOR DUCT CONTINUATION.

MECHANICAL KEYNOTES	
KEYNOTE NO.	KEYNOTE TEXT
1	MOUNT AND INSTALL GRAVITY INTAKE HOOD ON ROOF PER MANUFACTURER'S INSTRUCTIONS. REFER TO SECTION #1 ON SHEET M-300 AND DETAIL #3 ON SHEET M-502 FOR MORE INFORMATION.
2	PROVIDE DUCT FROM UNIT FULL SIZE OF UNIT OPENING. TRANSITION AS REQUIRED TO DUCT SIZES SHOWN ON PLAN. TRANSITIONS SHALL BE MADE IN ACCORDANCE WITH SMACNA STANDARDS. VERIFY UNIT OPENING SIZES AND CONFIGURATION WITH MFR.

- GENERAL NOTES:
1. THE AREA ABOVE THE CEILING IS USED AS A RETURN AIR PLENUM AND ALL MATERIALS LOCATED IN THIS AREA MUST BE PLENUM RATED WITH A MINIMUM 25/50 FLAME/SMOKE SPREAD RATING.
  2. ALL EXPOSED DUCTWORK SHOULD BE DOUBLE WALL INSULATED SPIRAL DUCT.
  3. COORDINATE ALL DIFFUSER AND REGISTER LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS.
  4. REDESIGN OF MECHANICAL WORK, WHICH IS REQUIRED DUE TO THE CONTRACTOR'S USE OF AN ALTERNATE ITEM, ARRANGEMENT OF EQUIPMENT, AND/OR LAYOUT OTHER THAN SPECIFIED HEREIN, SHALL BE DONE BY THE CONTRACTOR AND COORDINATED WITH ELECTRICAL, STRUCTURAL, AND ARCH AT HIS OWN EXPENSE. REDESIGN AND DETAILED PLANS SHOULD INCLUDE DIMENSIONS. ELECTRICAL DATA AND WEIGHT OF EQUIPMENT SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL. NO ADDITIONAL COMPENSATION WILL BE PROVIDED FOR CHANGES IN THE WORK, EITHER HIS OWN OR OTHERS, CAUSED BY SUCH REDESIGN.

**1** MECHANICAL - GRAVITY INTAKE HOOD - DUCTWORK  
M-300 1/2" = 1'-0"



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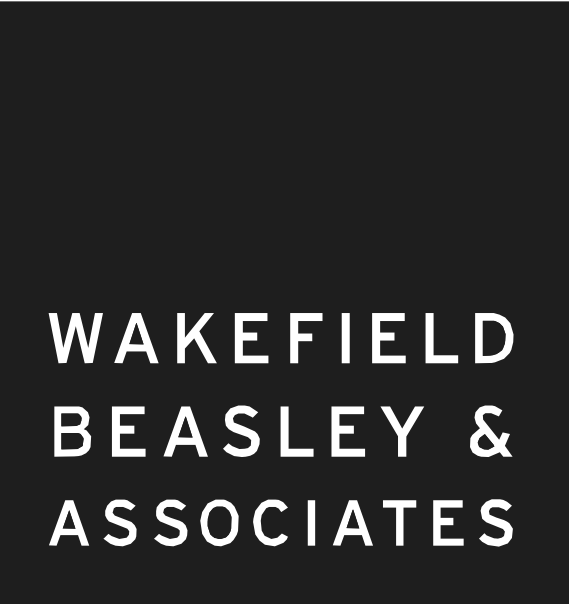
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SHEET TITLE  
**MECHANICAL - SECTIONS**

SHEET NUMBER  
**M-300**



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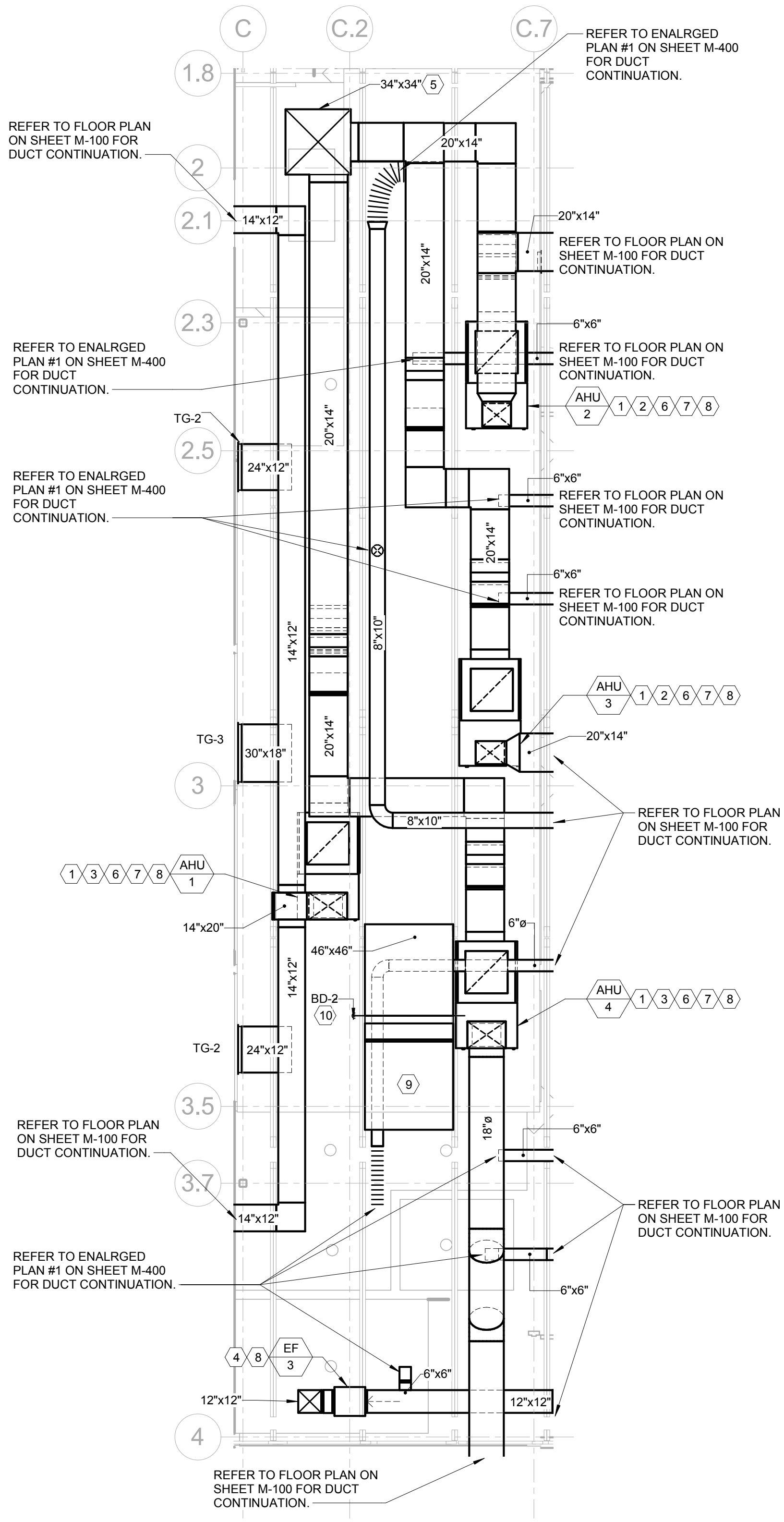
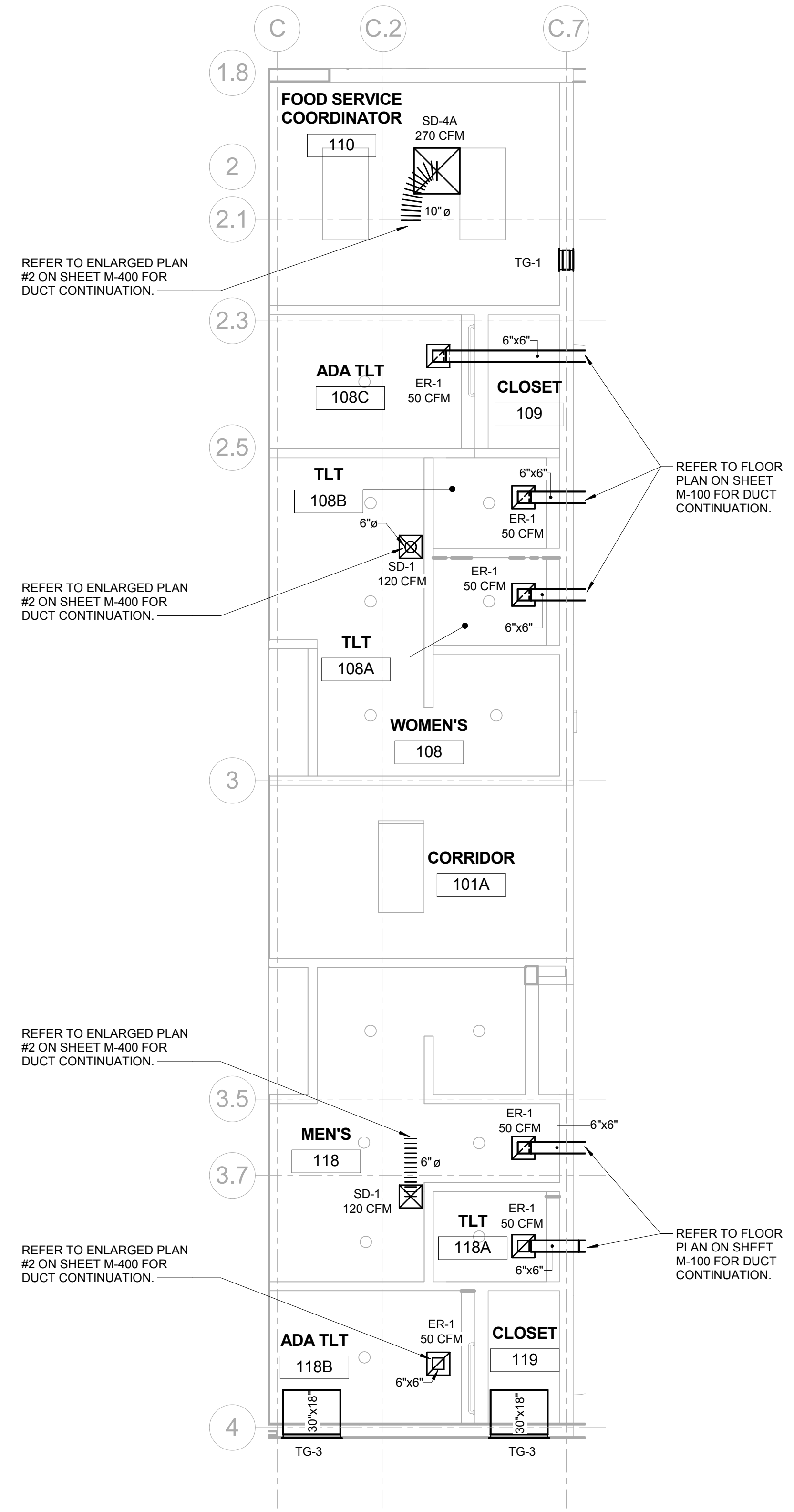
SHEET TITLE  
**MECHANICAL - ENLARGED AND PART PLANS**

SHEET NUMBER  
**M-400**

1 MECHANICAL - ENLARGED LEVEL 1 RESTROOMS - DUCTWORK  
M-400 1/4" = 1'-0"

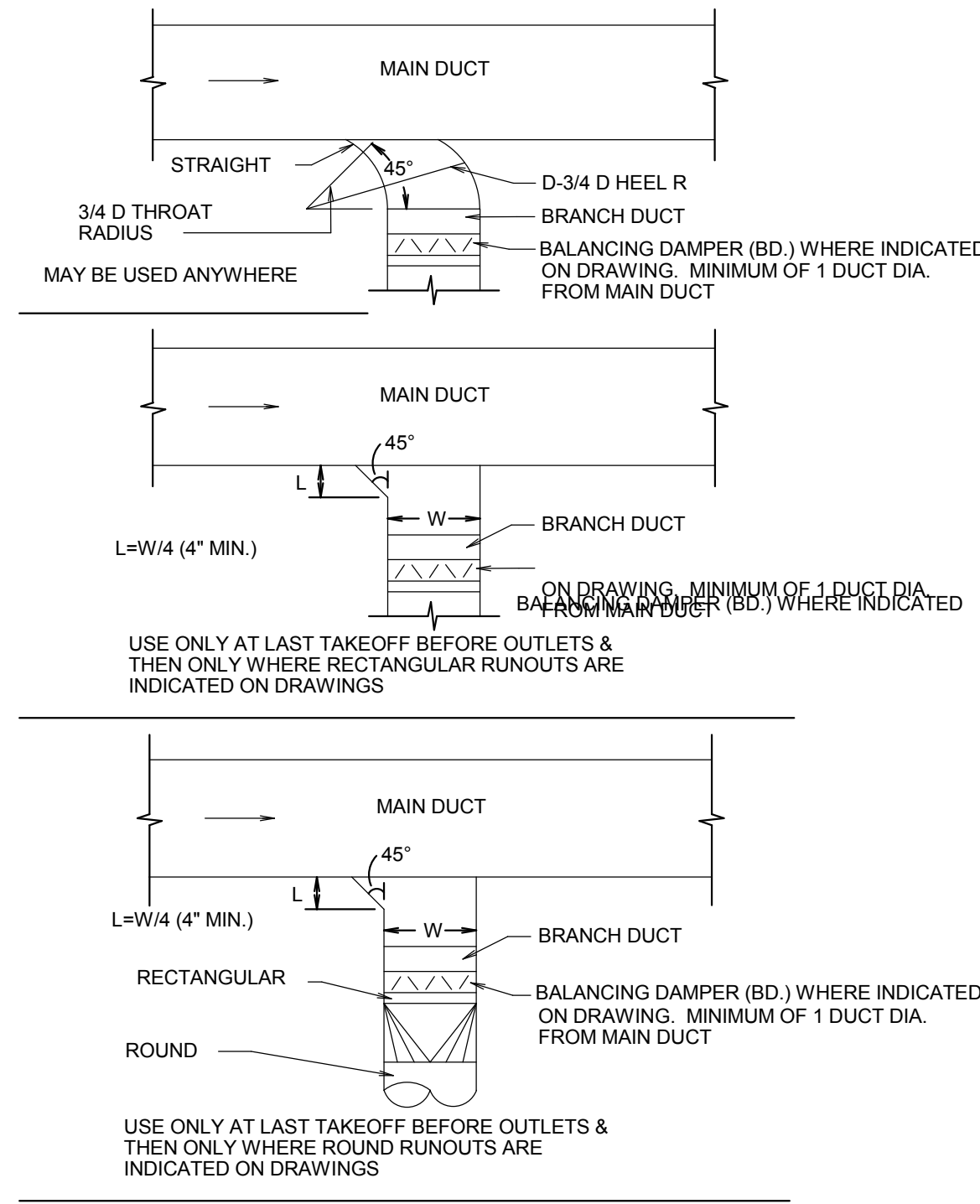
2 MECHANICAL - ENLARGED MECHANICAL PENTHOUSE - DUCTWORK  
M-400 1/4" = 1'-0"

REFER TO M-900 FOR ISO VIEW OF MECHANICAL PENTHOUSE. FOR REFERENCE ONLY.

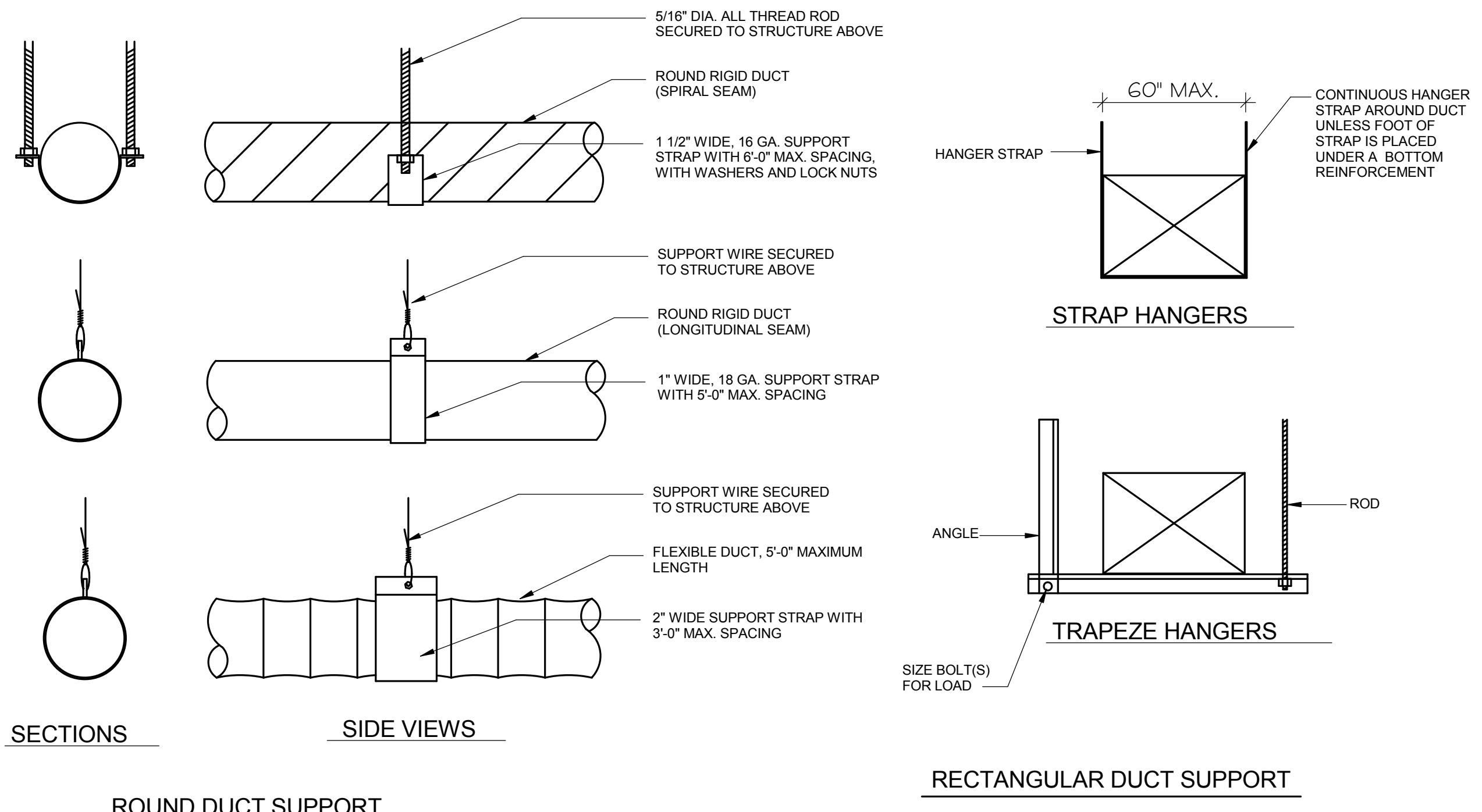


MECHANICAL KEYNOTES table with columns: KEYNOTE NO., KEYNOTE TEXT

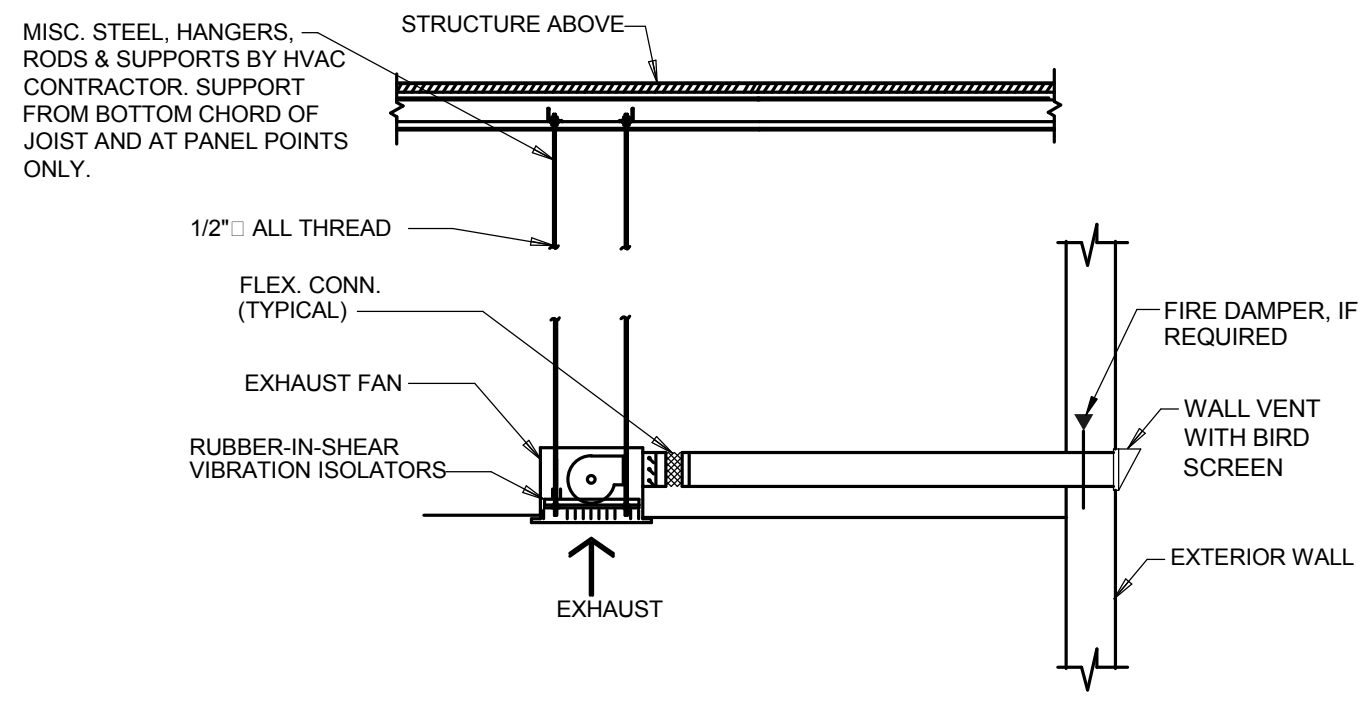
- GENERAL NOTES:
1. THE AREA ABOVE THE CEILING IS USED AS A RETURN AIR PLENUM...
2. ALL EXPOSED DUCTWORK SHOULD BE DOUBLE WALL INSULATED SPIRAL DUCT.
3. COORDINATE ALL DIFFUSER AND REGISTER LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS.
4. REDESIGN OF MECHANICAL WORK, WHICH IS REQUIRED DUE TO THE CONTRACTOR'S USE OF AN ALTERNATE ITEM...



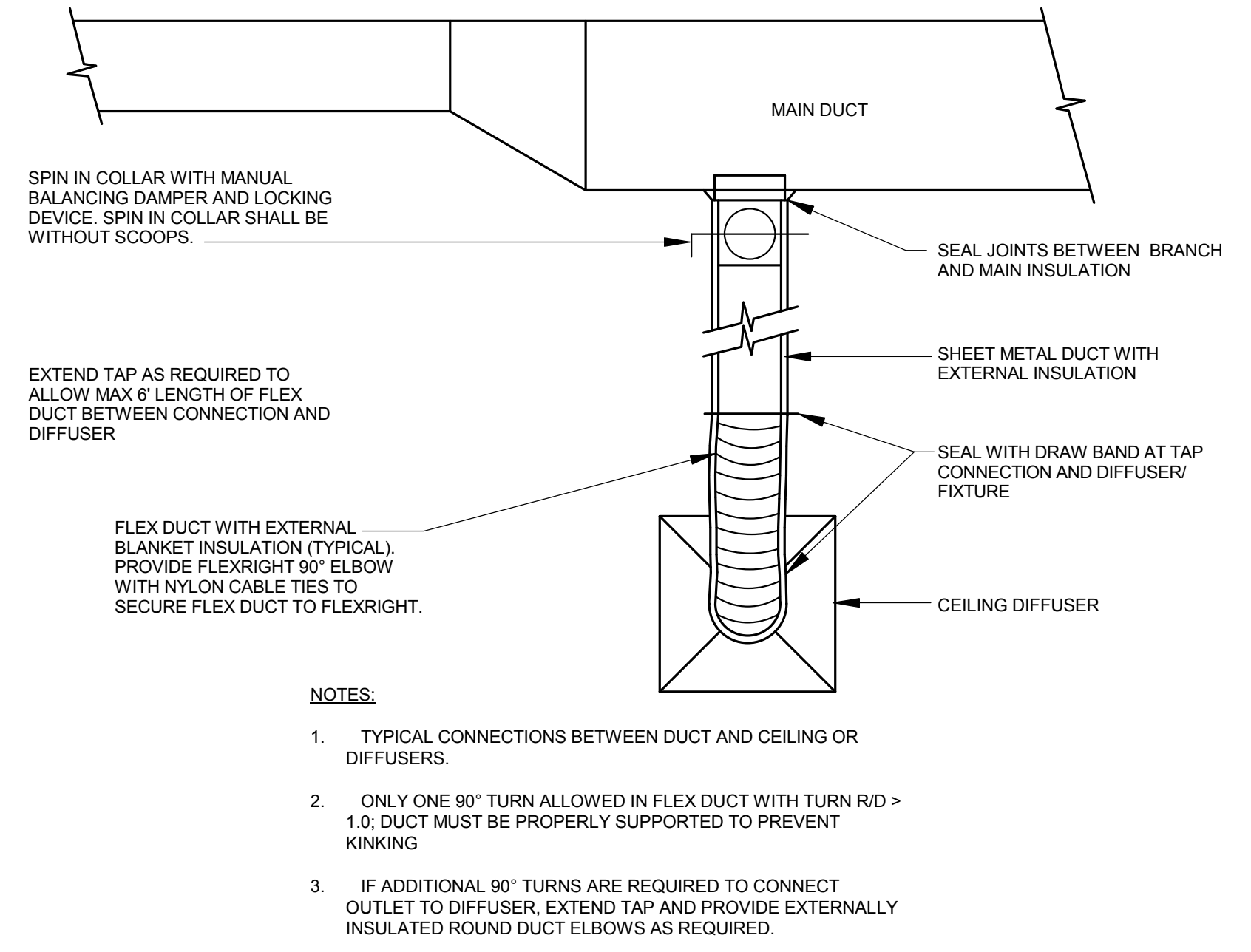
**1** BRANCH CONNECTION (TYP)  
M-500 SCALE: NONE



**2** ROUND AND RECTANGULAR DUCTS SUPPORT DETAILS  
M-500 SCALE: NONE

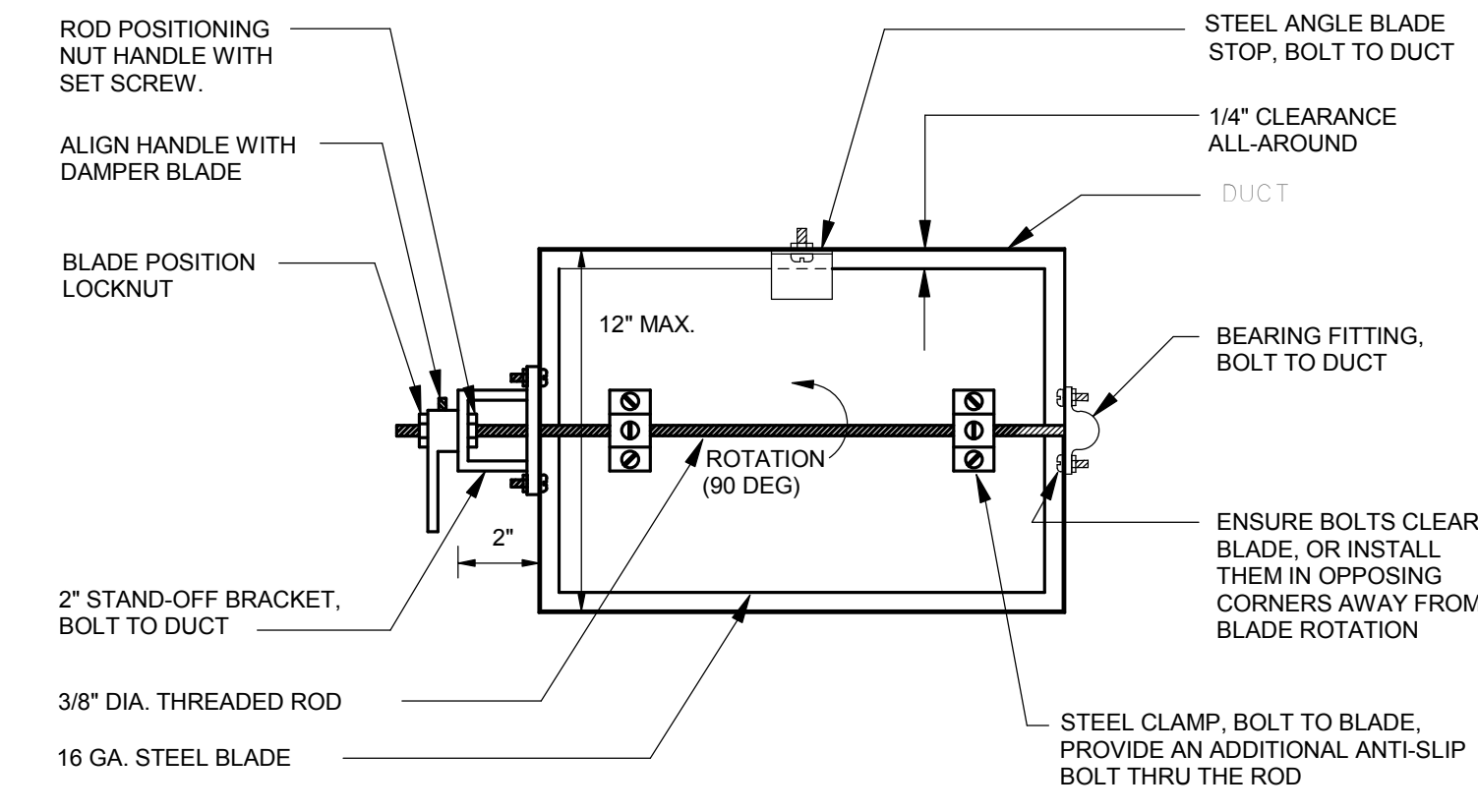


**3** CEILING EXHAUST FAN DETAIL  
M-500 SCALE: NONE



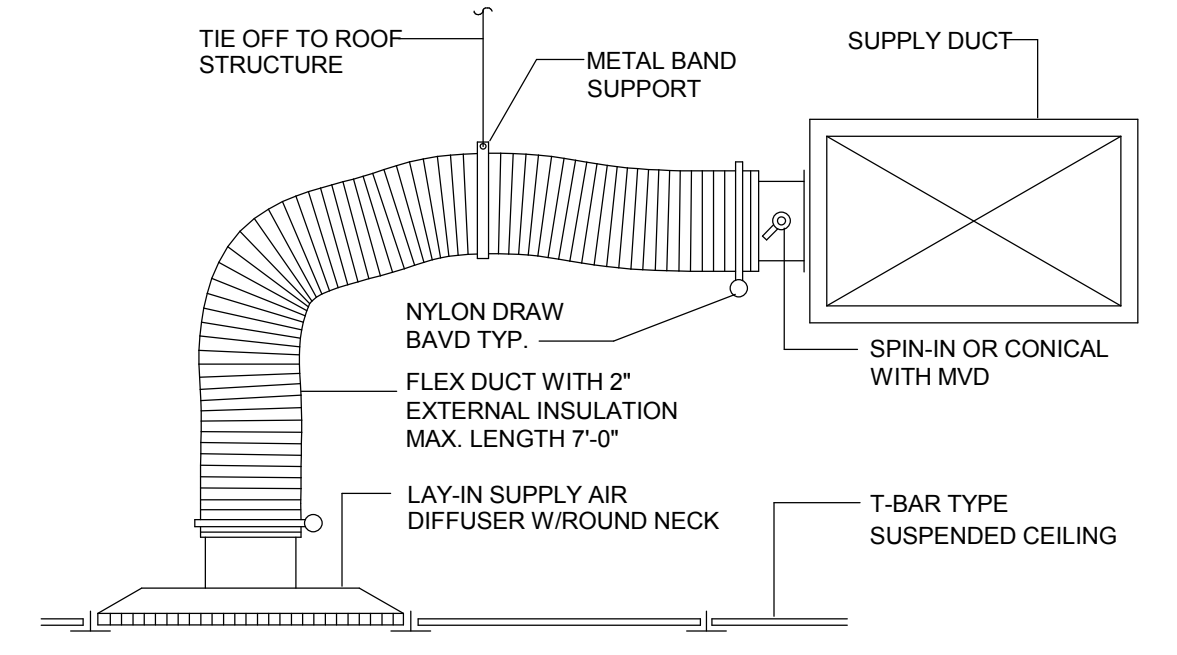
- NOTES:**
1. TYPICAL CONNECTIONS BETWEEN DUCT AND CEILING OR DIFFUSERS.
  2. ONLY ONE 90° TURN ALLOWED IN FLEX DUCT WITH TURN R/D > 1.0; DUCT MUST BE PROPERLY SUPPORTED TO PREVENT KINKING
  3. IF ADDITIONAL 90° TURNS ARE REQUIRED TO CONNECT OUTLET TO DIFFUSER, EXTEND TAP AND PROVIDE EXTERNALLY INSULATED ROUND DUCT ELBOWS AS REQUIRED.

**4** DUCT MAIN AND DIFFUSER CONNECTION  
M-500 SCALE: NONE



- NOTES:**
1. DAMPERS FOR ROUND DUCTS SHALL BE SIMILAR TO THE DAMPER SHOWN ABOVE.
  2. ENSURE THAT FULL 90° DAMPER BLADE MOVEMENT IS UNOBSTRUCTED.
  3. FOR DUCT HEIGHTS MORE THAN 12\", PROVIDE FACTORY-FABRICATED OPPOSED BLADE DAMPERS

**5** MANUAL DAMPER (ADJ SINGLE-BLADE TYPE)  
M-500 SCALE: NONE



**6** SUPPLY AIR DIFFUSER  
M-500 SCALE: NONE



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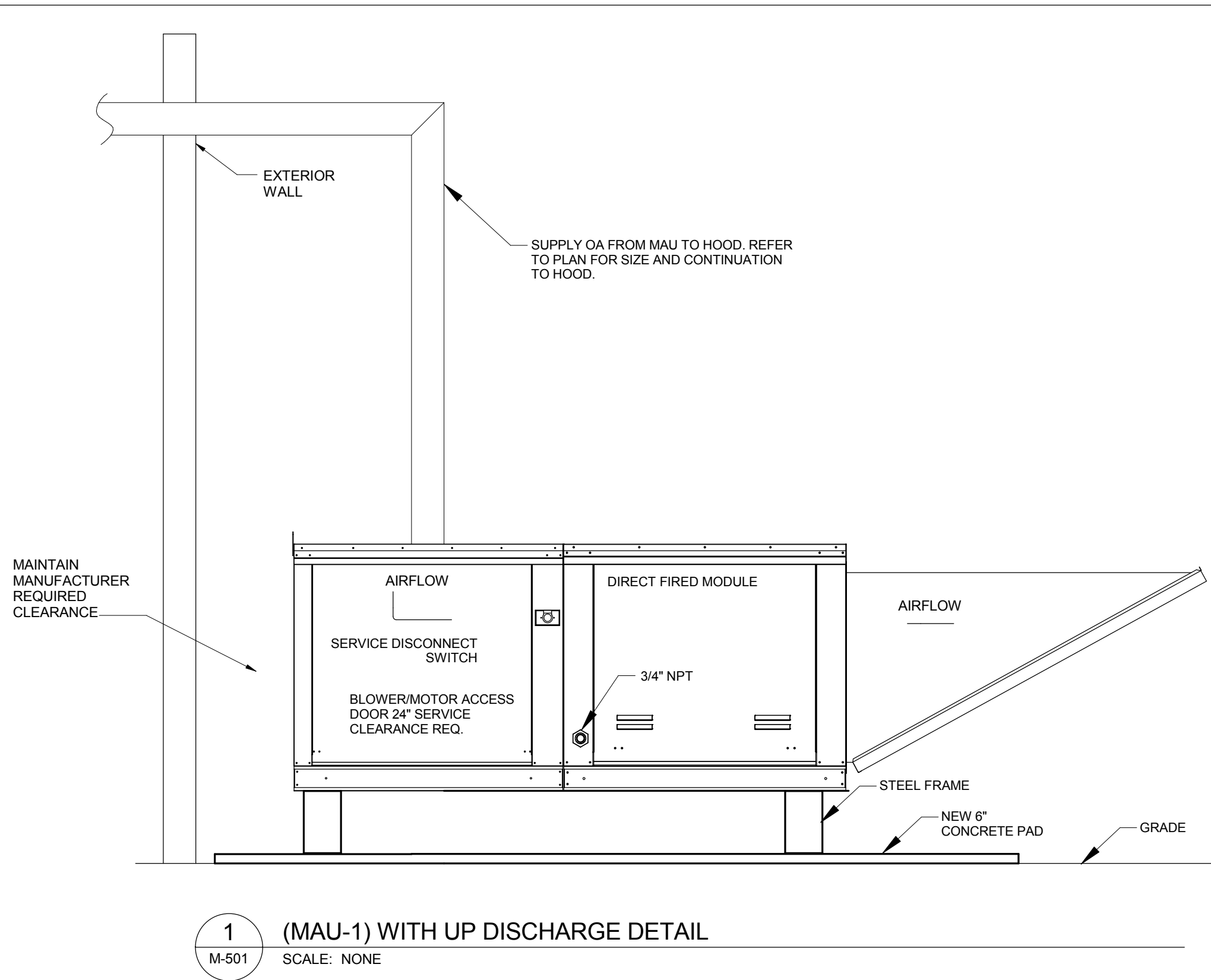
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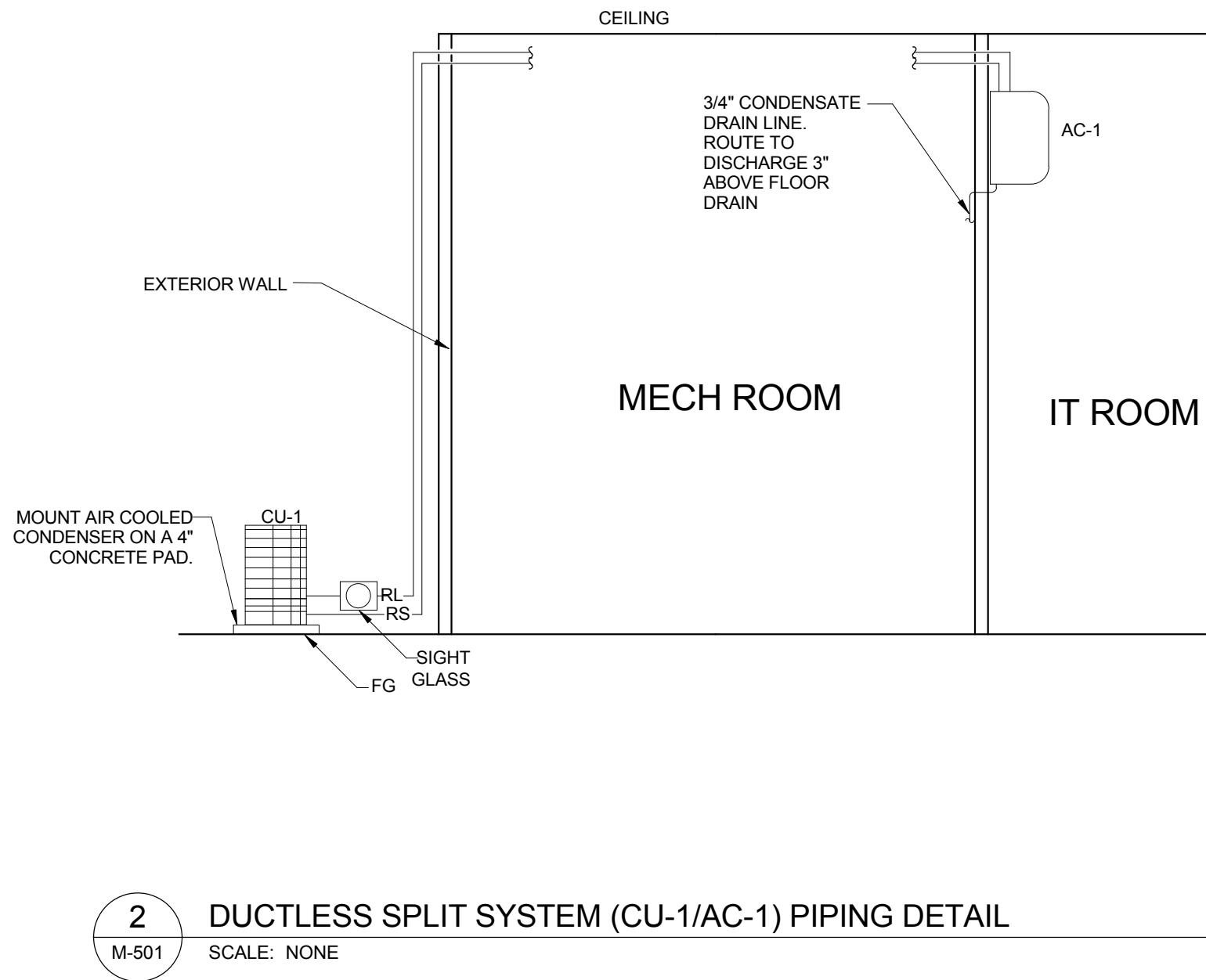
PROJECT NUMBER 2018009

SHEET TITLE  
**MECHANICAL - DETAILS**

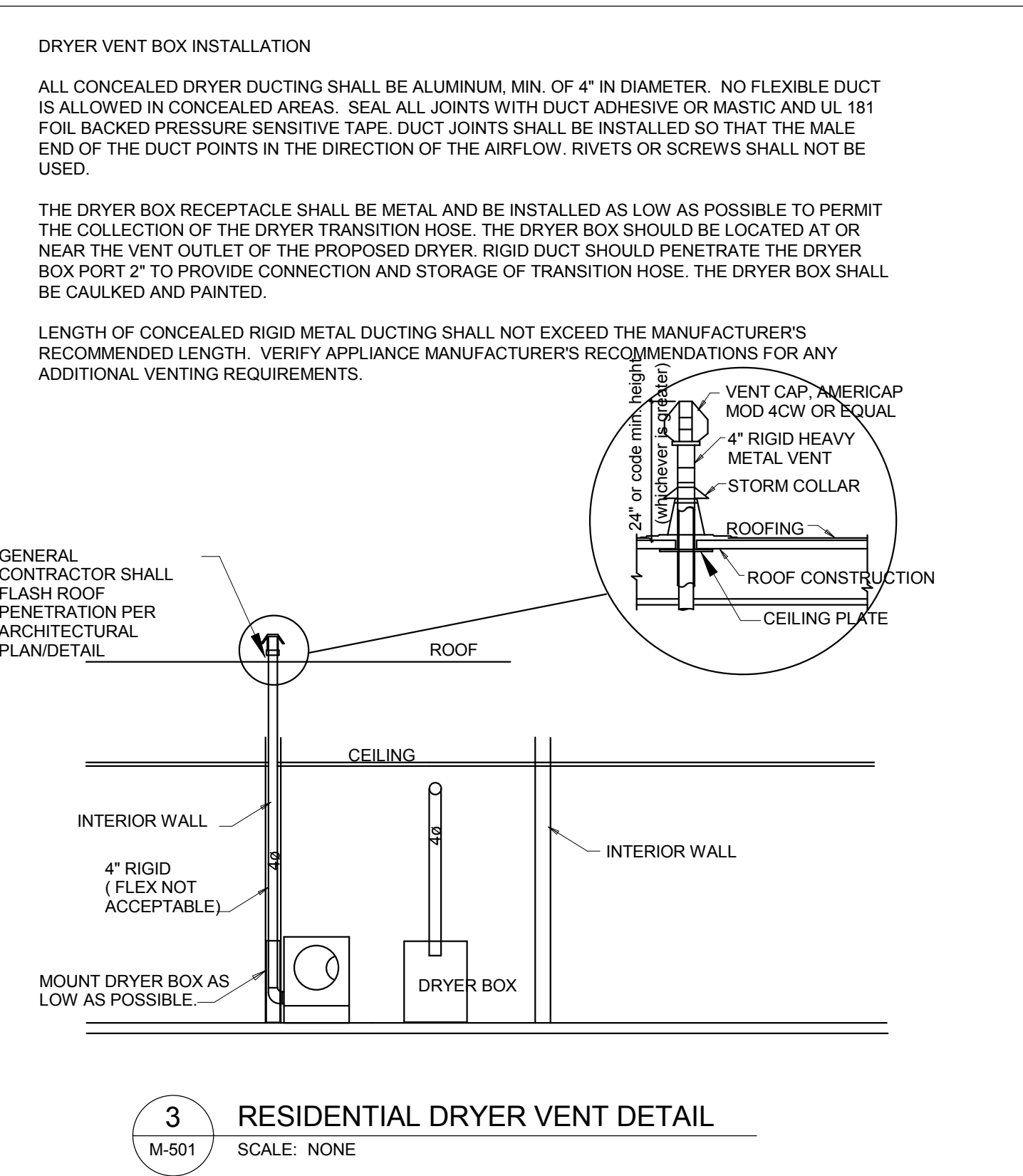
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**M-500**



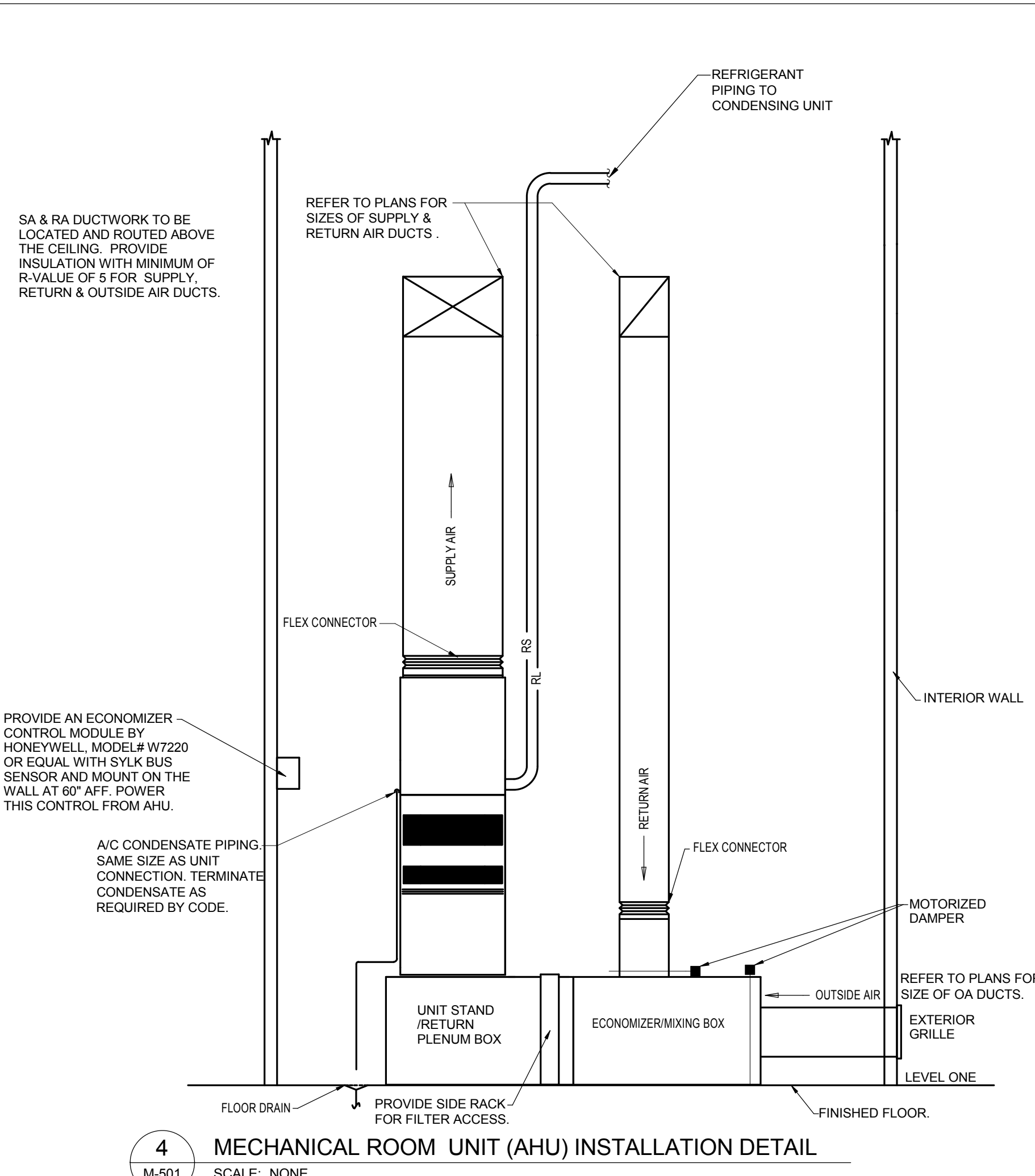
1 (MAU-1) WITH UP DISCHARGE DETAIL  
M-501 SCALE: NONE



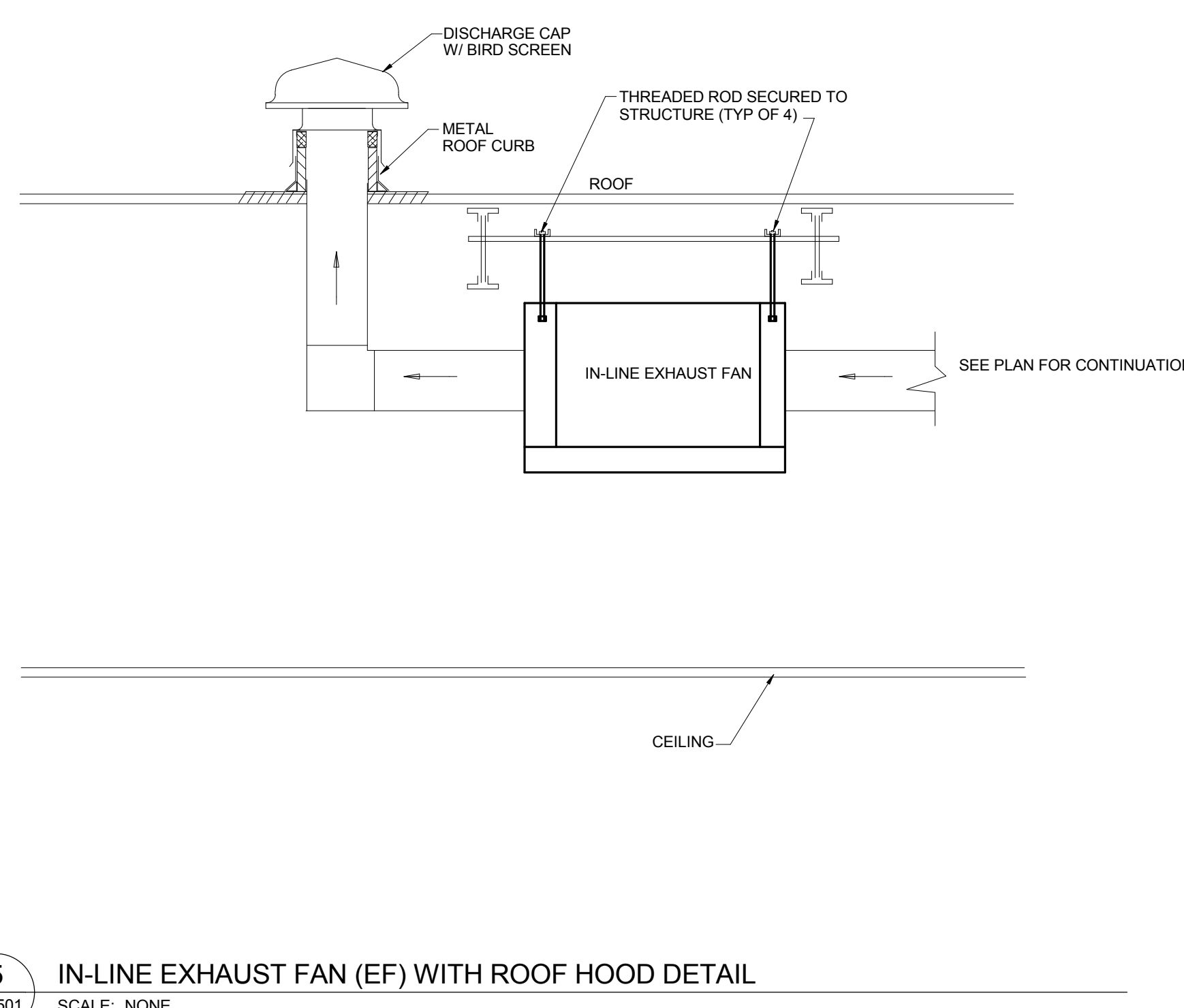
2 DUCTLESS SPLIT SYSTEM (CU-1/AC-1) PIPING DETAIL  
M-501 SCALE: NONE



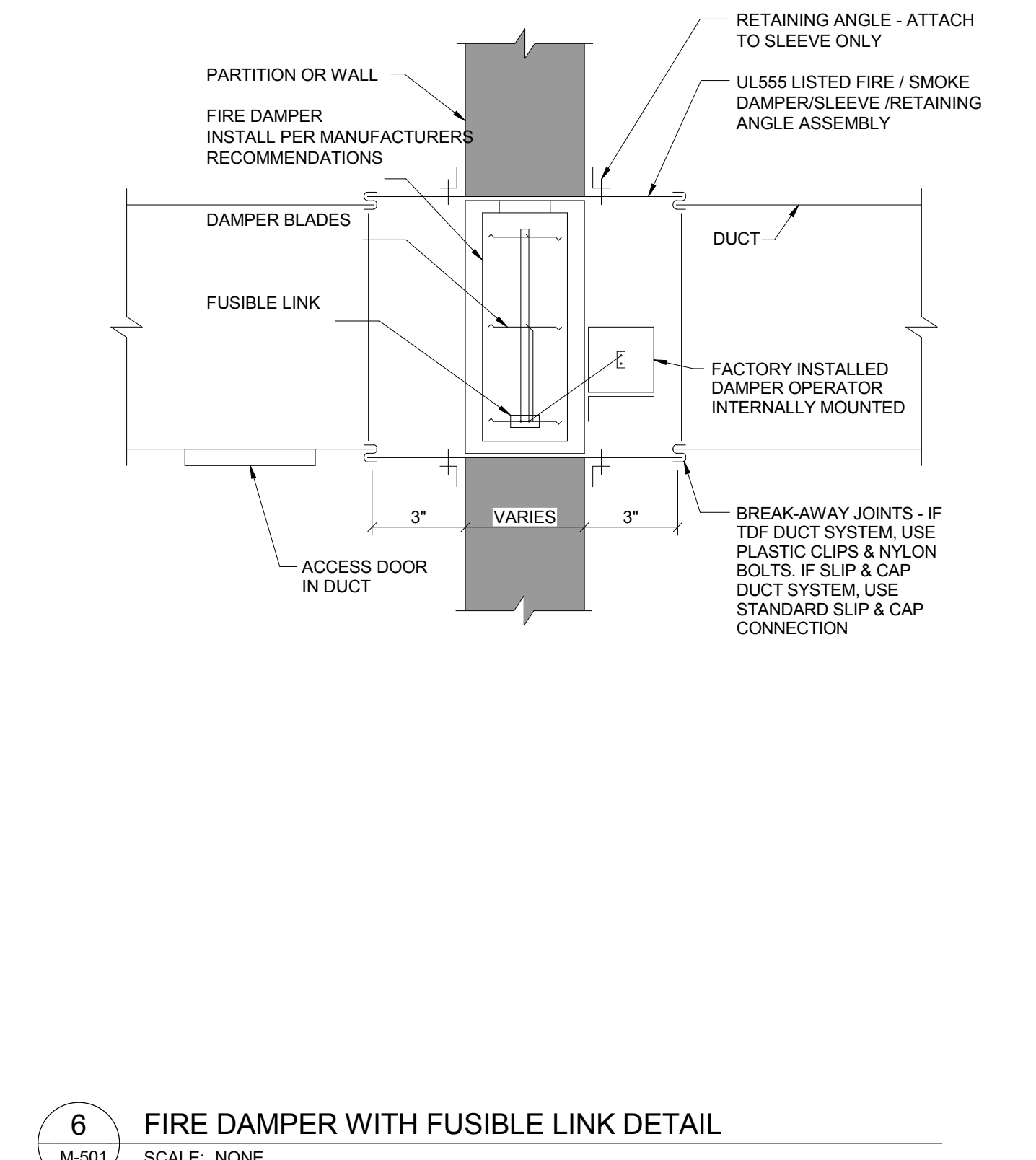
3 RESIDENTIAL DRYER VENT DETAIL  
M-501 SCALE: NONE



4 MECHANICAL ROOM UNIT (AHU) INSTALLATION DETAIL  
M-501 SCALE: NONE



5 IN-LINE EXHAUST FAN (EF) WITH ROOF HOOD DETAIL  
M-501 SCALE: NONE



6 FIRE DAMPER WITH FUSIBLE LINK DETAIL  
M-501 SCALE: NONE

**DRYER VENT BOX INSTALLATION**

ALL CONCEALED DRYER DUCTING SHALL BE ALUMINUM, MIN. OF 4" IN DIAMETER. NO FLEXIBLE DUCT IS ALLOWED IN CONCEALED AREAS. SEAL ALL JOINTS WITH DUCT ADHESIVE OR MASTIC AND UL 181 FOIL BACKED PRESSURE SENSITIVE TAPE. DUCT JOINTS SHALL BE INSTALLED SO THAT THE MALE END OF THE DUCT POINTS IN THE DIRECTION OF THE AIRFLOW. RIVETS OR SCREWS SHALL NOT BE USED.

THE DRYER BOX RECEPTACLE SHALL BE METAL AND BE INSTALLED AS LOW AS POSSIBLE TO PERMIT THE COLLECTION OF THE DRYER TRANSITION HOSE. THE DRYER BOX SHOULD BE LOCATED AT OR NEAR THE VENT OUTLET OF THE PROPOSED DRYER. RIGID DUCT SHOULD PENETRATE THE DRYER BOX PORT 2" TO PROVIDE CONNECTION AND STORAGE OF TRANSITION HOSE. THE DRYER BOX SHALL BE CAULKED AND PAINTED.

LENGTH OF CONCEALED RIGID METAL DUCTING SHALL NOT EXCEED THE MANUFACTURER'S RECOMMENDED LENGTH. VERIFY APPLIANCE MANUFACTURER'S RECOMMENDATIONS FOR ANY ADDITIONAL VENTING REQUIREMENTS.



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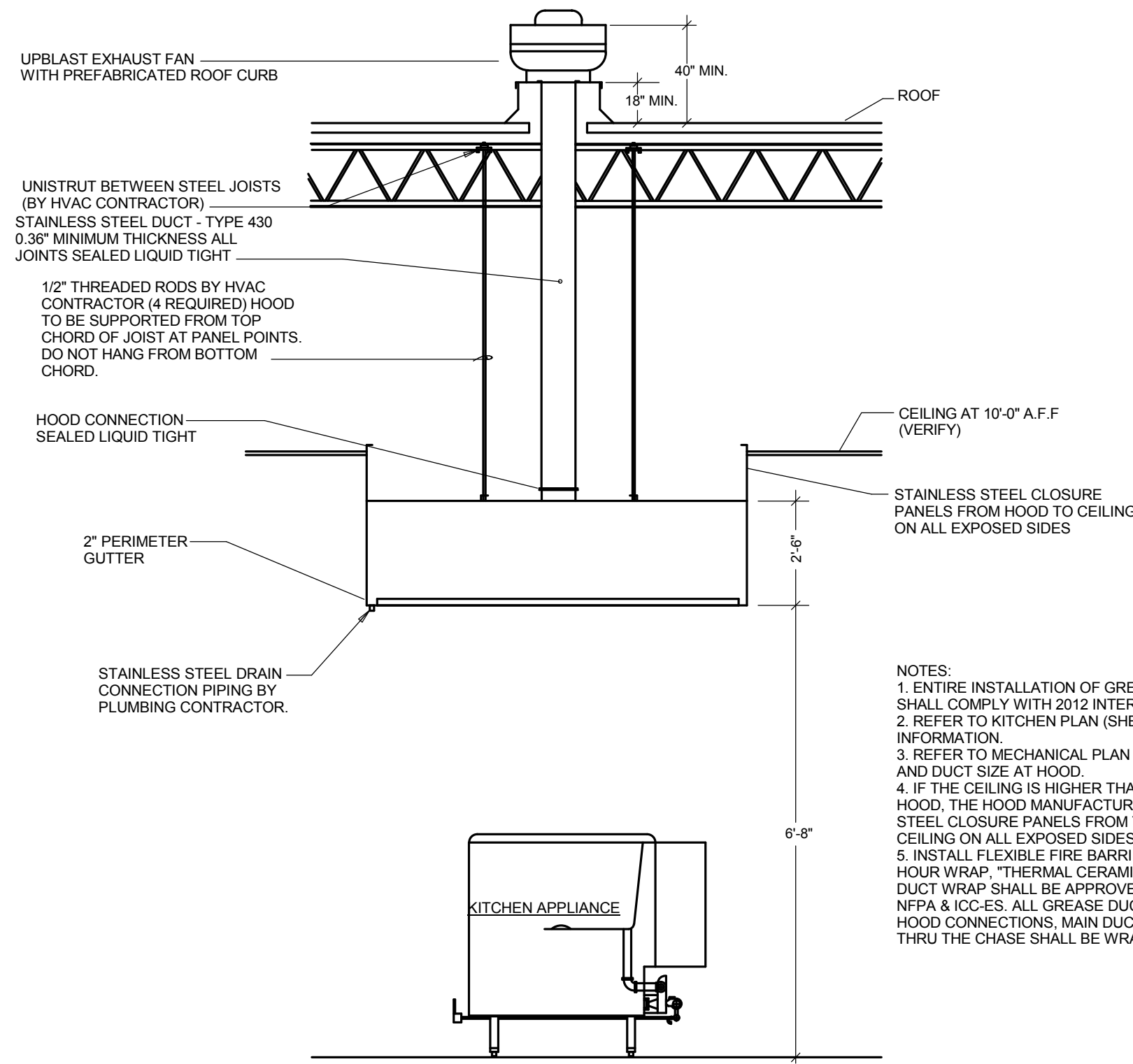
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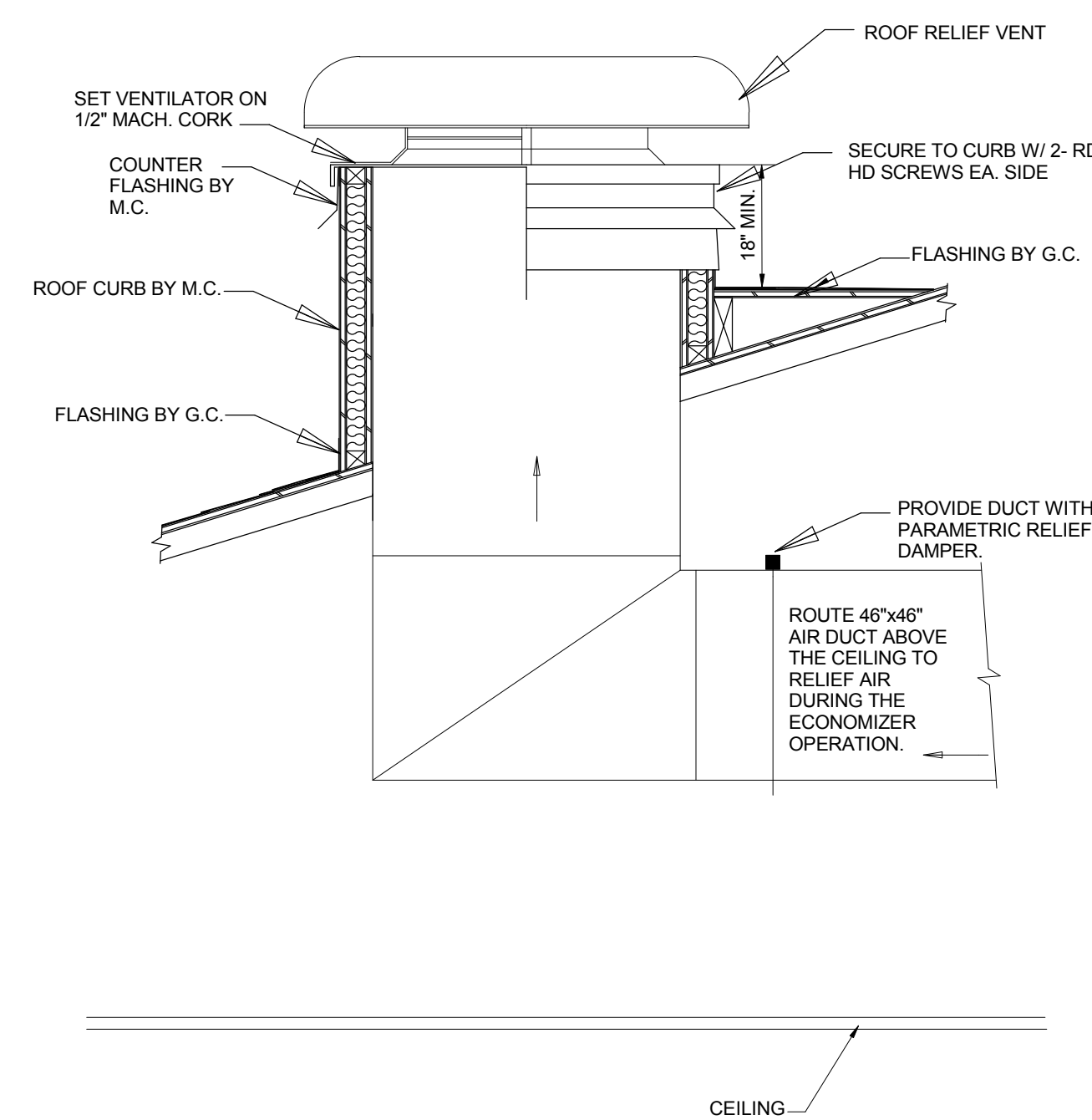
**MECHANICAL - DETAILS**

SHEET NUMBER

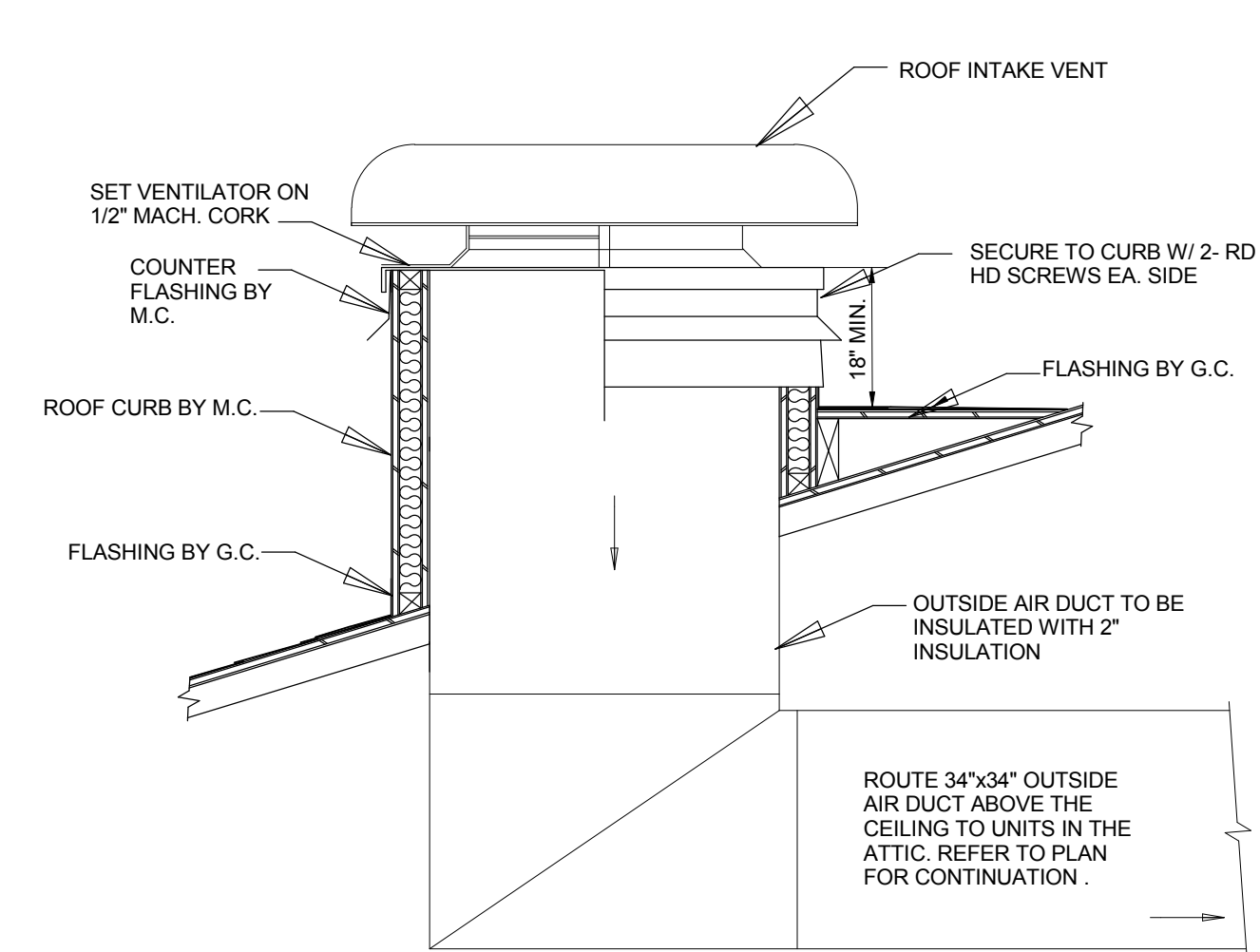
**M-501**



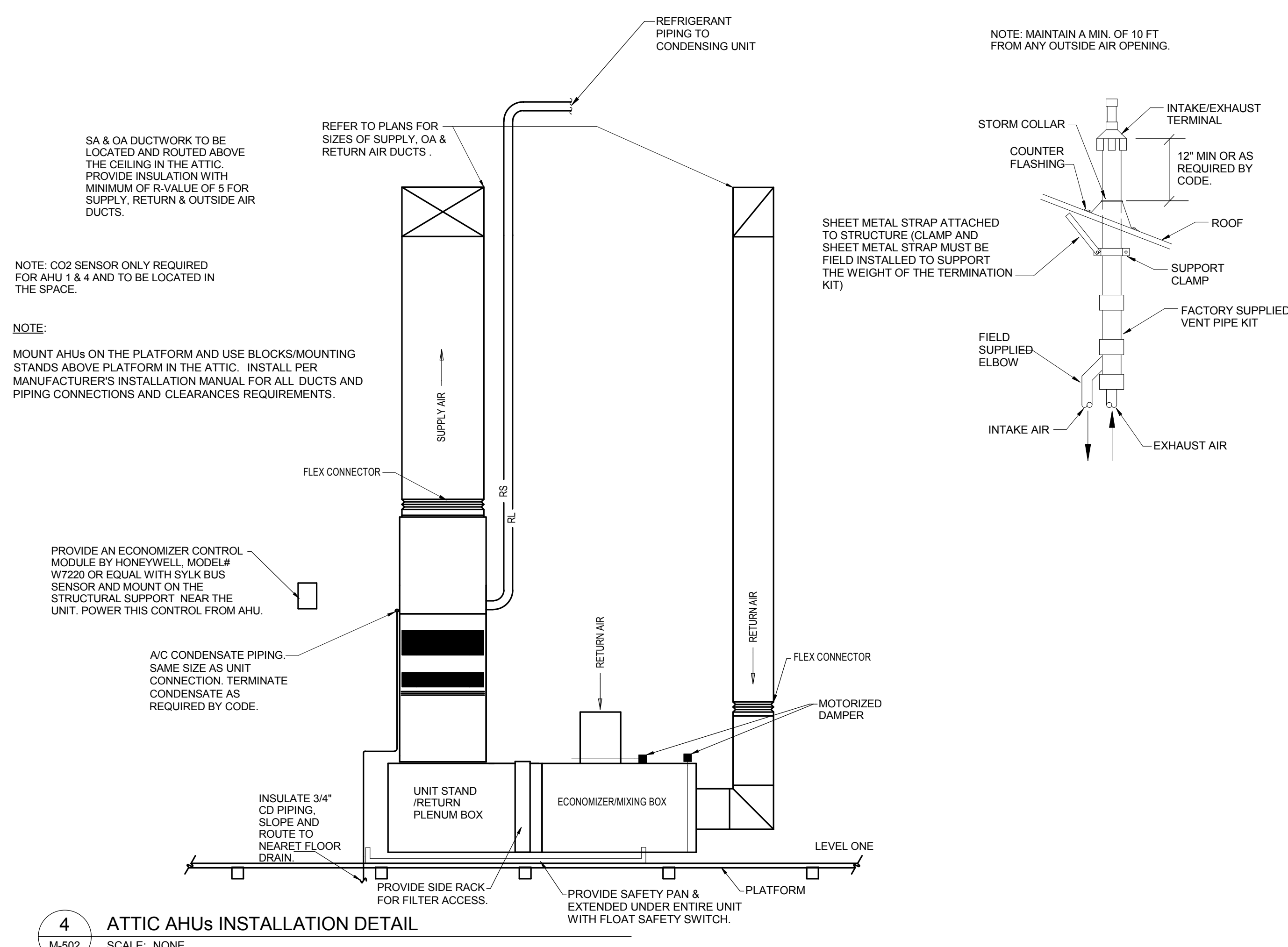
**1** EXHAUST HOOD DETAIL  
M-502 SCALE: NONE



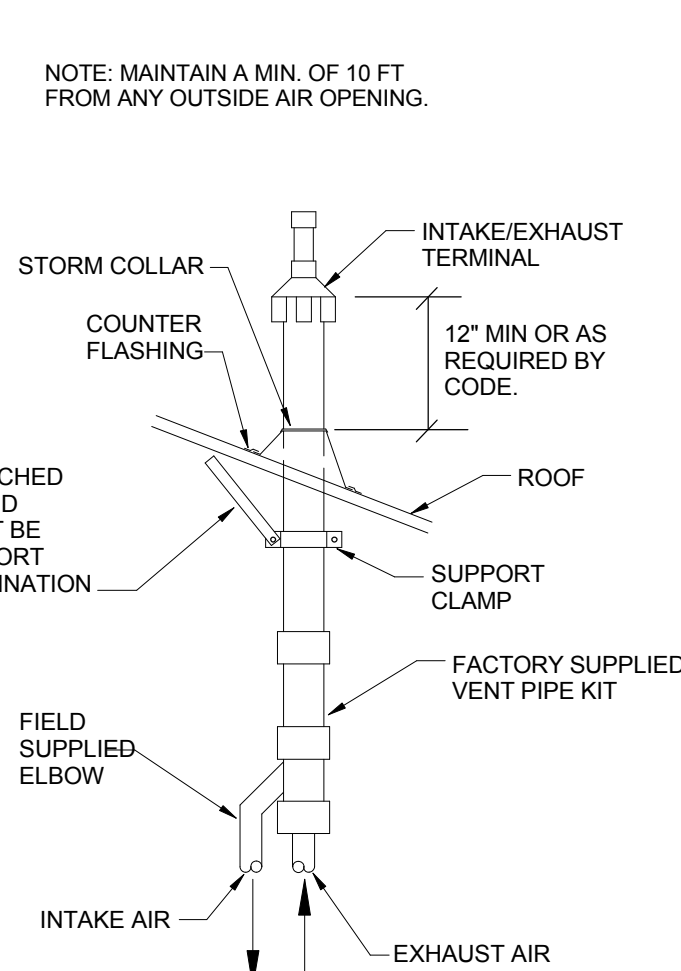
**2** ROOF RELIEF HOOD DETAIL  
M-502 SCALE: NONE



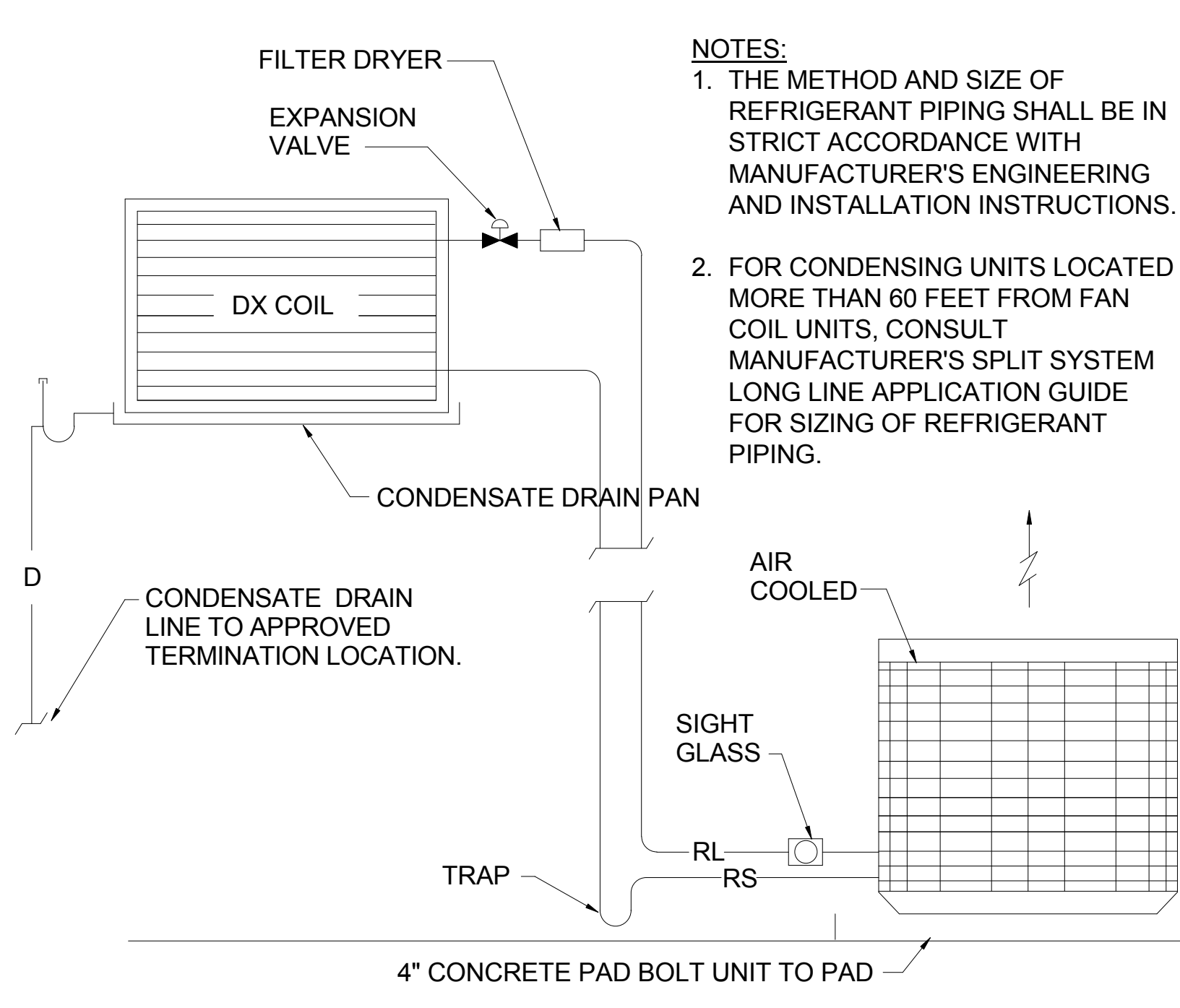
**3** ROOF INTAKE HOOD DETAIL  
M-502 SCALE: NONE



**4** ATTIC AHUs INSTALLATION DETAIL  
M-502 SCALE: NONE



**5** OUTSIDE CONDENSING UNIT & AHU COILS LOCATED IN THE ATTIC DIAGRAM  
M-502 SCALE: NONE



**5** OUTSIDE CONDENSING UNIT & AHU COILS LOCATED IN THE ATTIC DIAGRAM  
M-502 SCALE: NONE

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SHEET TITLE  
**MECHANICAL -  
DETAILS**

SHEET NUMBER  
**M-502**



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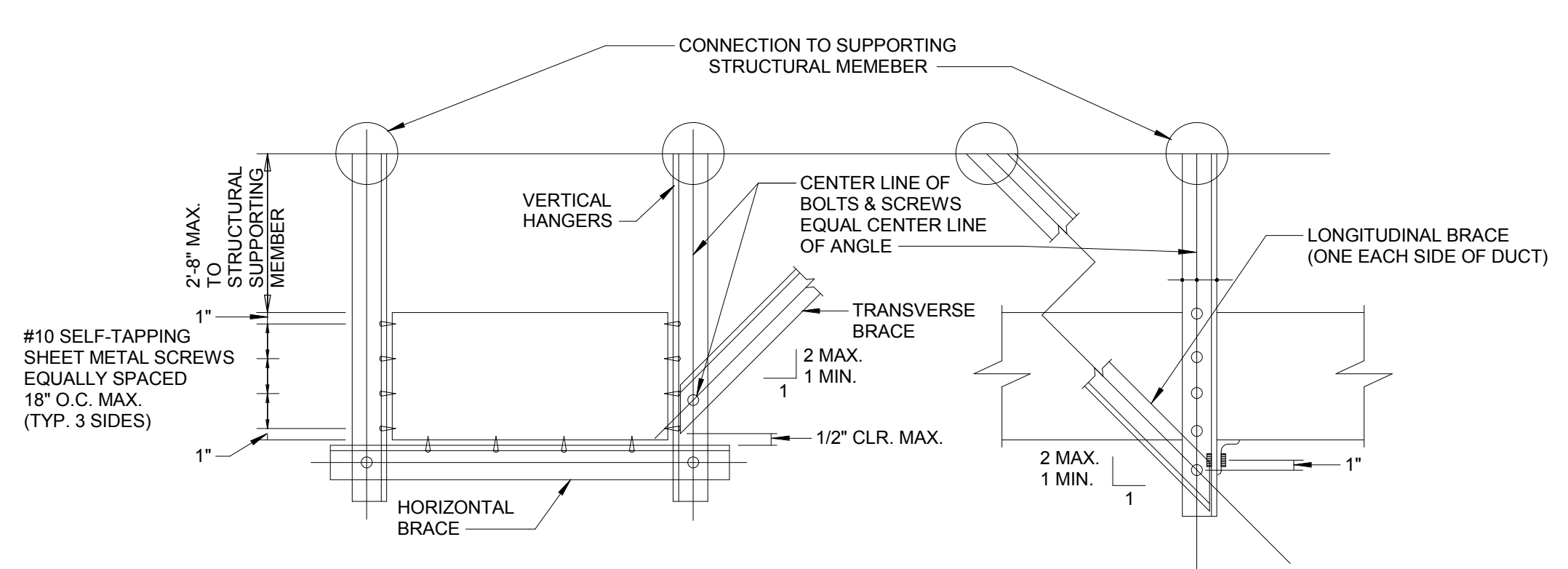
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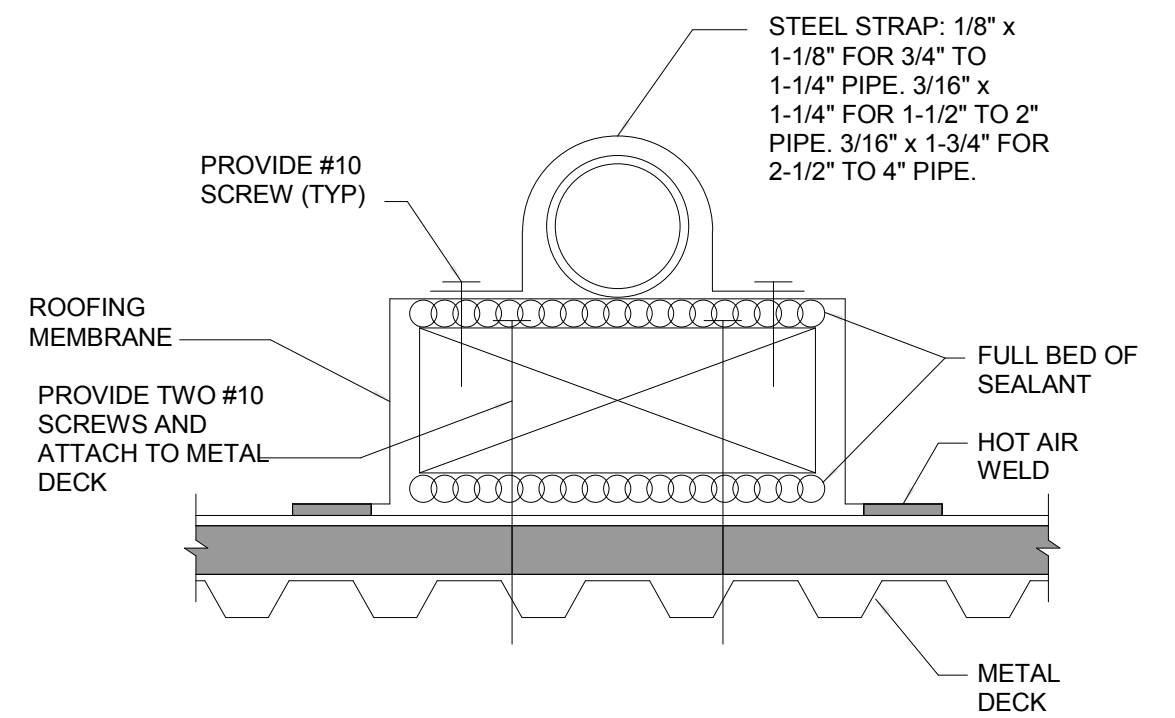
SHEET TITLE  
**MECHANICAL - DETAILS**

SHEET NUMBER  
**M-503**



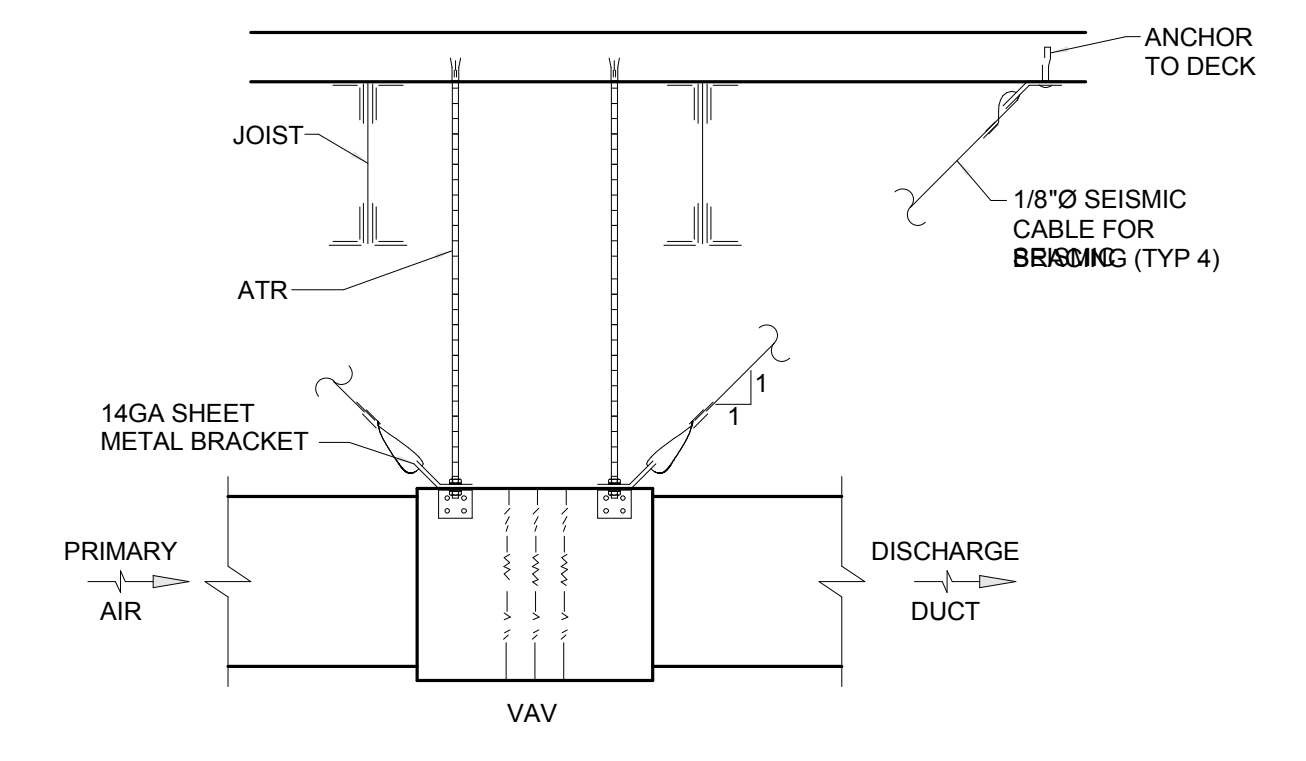
- NOTES:**
- REFER TO CHAPTER 3, SMACNA SEISMIC RESTRAINT MANUAL, GUIDELINES FOR MECHANICAL SYSTEMS, FOR GENERAL REQUIREMENTS.
  - WHEN A COMBINATION OF DUCTS IS USED IN LIEU OF ONE DUCT, AT LEAST 2 SIDES OF EACH DUCT MUST BE CONNECTED TO VERTICAL OR HORIZONTAL ANGLES AND THE COMBINED WEIGHT SHALL NOT EXCEED THAT GIVEN IN THE TABLE 8.1 IN THE SMACNA SEISMIC RESTRAINT MANUAL, GUIDELINES FOR MECHANICAL SYSTEMS.
  - SEE TABLE 6-1 IN THE SMACNA SEISMIC RESTRAINT MANUAL, GUIDELINES FOR MECHANICAL SYSTEMS FOR VERTICAL HANGERS, DIAGONAL AND HORIZONTAL BRACES, BOLT SIZE, CONNECTION TO SUPPORTING STRUCTURE, AND SPACING OF BRACING.
  - THIS DETAIL SHALL BE APPLIED TO ALL RECTANGULAR DUCTWORK.

**1** DUCTWORK LATERAL RESTRAINT (SEISMIC) REQUIREMENTS  
 M-503 SCALE: NONE

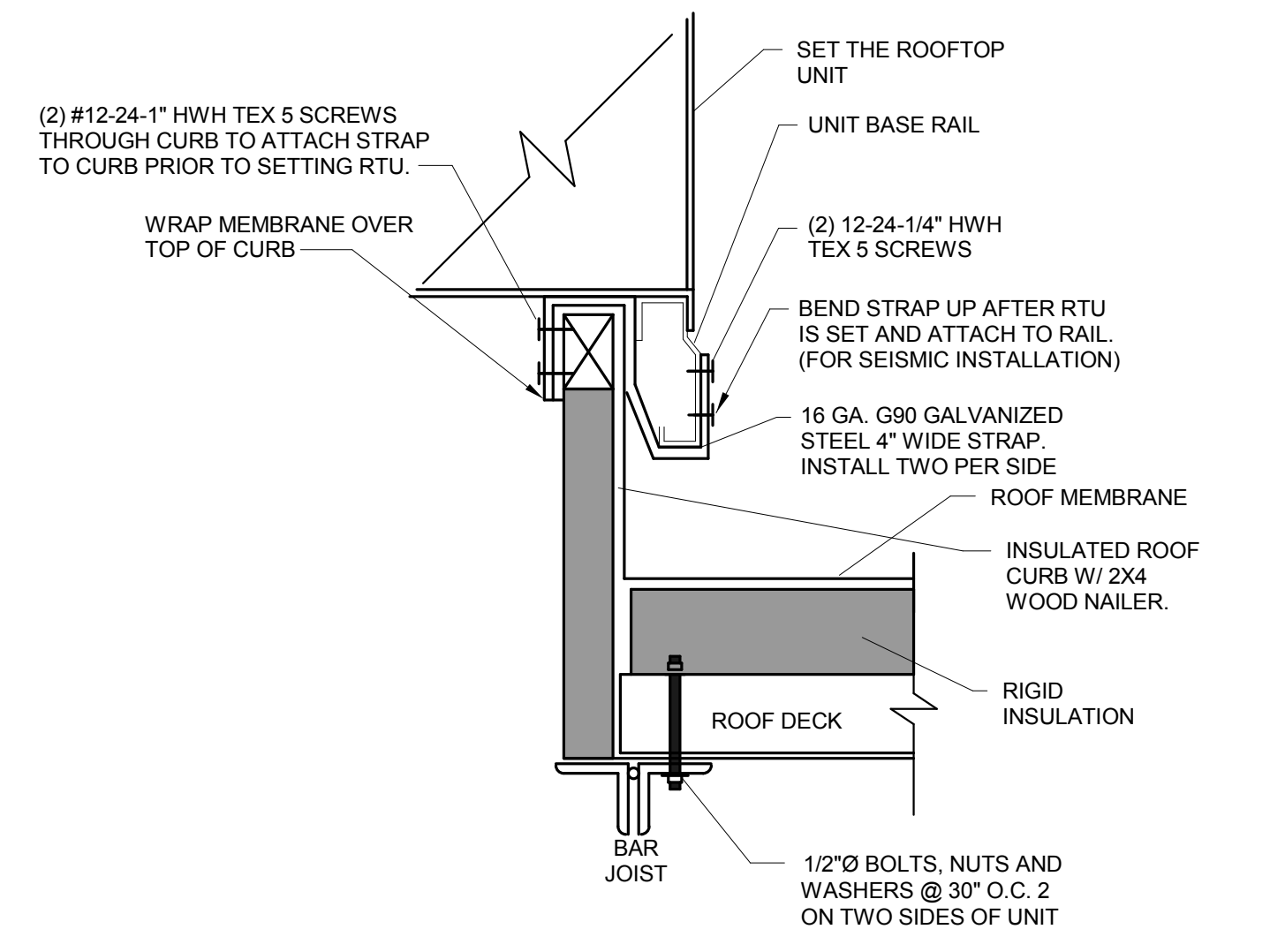


- NOTES:**
- FOR 1/2" TO 2" PIPES, USE 12x18 TREAD STRIP & 4x4x12 WOOD BLOCK FOR 2-1/2" TO 4" PIPES, USE 12x3 TREAD STRIP & 4x4x24 WOOD BLOCK.
  - PROVIDE SUPPORT AT 10'-0" INTERVALS AND CHANGES IN DIRECTION.

**2** SEISMIC ROOF PIPING SUPPORT  
 M-503 SCALE: NONE



**3** SUPPORT & SEISMIC BRACING JOIST FRAMING SYSTEM  
 M-503 SCALE: NONE



**4** SEISMIC ROOF CURB (TYP)  
 M-503 SCALE: NONE







# KITCHEN EQUIPMENT

### CONTROL INFORMATION

MARK	ELECTRICAL CONTROL PACKAGE		USER INTERFACE		FANS CONTROLLED				
	MODEL	LOCATION	TYPE	LOCATION	MARK	TYPE	VOLT	PHASE	HP
CNTRLS-1	TEMP INTERLOCK	CABINET – LEFT END OF KH-1	SWITCHES	CABINET – LEFT END OF	KEF-1	EXHAUST	208	1	1/4
					MAU-1	SUPPLY	208	1	1

### CONTROL FEATURES

- 2 POSITION LIGHT SWITCH - QTY 1
- 2 POSITION FAN SWITCH - QTY 1
- INTEGRATED EXHAUST TEMPERATURE INTERLOCK SYSTEM
- FACTORY MOUNTED EXHAUST TEMPERATURE SENSORS - QTY 1
- COMPLIES WITH INTERNATIONAL MECHANICAL CODE 2015 SECTION 507.1.1
- THERMAL OVERLOADS IN CABINET

### FIRE SYSTEM INFORMATION

MARK	MODEL	LOCATION	FLOW POINTS		SUPPLY LINE	DETECTION	MARK(S) PROTECTED BY FIRE SYSTEM
			HOODS	PCU			
FS-1	AMEREX KP WET CHEMICAL	CABINET – LEFT END OF KH-1	6 UTILIZED	8 AVAILABLE	CONTINUOUS	FUSIBLE LINK	KH-1 SECTION 1

### FIRE SYSTEM OPTIONS AND ACCESSORIES

- FULL INSTALLATION (INCLUDES PRE-PIPED HOOD(S) WITH DETECTION AND FACTORY COORDINATED INSTALL)
- CHROME SLEEVES FOR FACTORY PROVIDED APPLIANCES DROPS - INCLUDED
- METAL BLOW-OFF CAPS - INCLUDED
- GAS VALVE - INCLUDED - MECHANICAL SHUTOFF VALVE, 2.00" (AMEREX) - PART# AMEREXMECHSHUTOFFVALVE200
- HOOD SUPPRESSION AGENT - INCLUDED - 2.75 GAL. - ((1) 2.75 TANK(S))
- REMOTE PULL STATION - STANDARD - INSTALLATION AT SINGLE POINT OF EGRESS

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SHEET TITLE  
**MECHANICAL -  
KITCHEN EQUIPMENT  
CONTROLS**

SHEET NUMBER  
**M-602**

### Temperature Interlock Electrical Prewire Package

### Temperature Interlock Calibration

- PRESS SET BUTTON 'S1' WILL APPEAR.
- PRESS UP OR DOWN BUTTON TO NAVIGATE TO SET POINT THAT YOU WISH TO ADJUST ('S1', 'S2', OR 'S3').
- PRESS SET BUTTON TO VIEW CURRENT SET POINT. PRESS UP OR DOWN BUTTON TO ADJUST AND PRESS SET BUTTON TO STORE VALUE.
- PRESS SET + DOWN BUTTONS TOGETHER TO EXIT OR WAIT 1 MINUTE.
- CHECK SYSTEM OPERATION BEFORE MAKING ADDITIONAL ADJUSTMENTS.

### SYSTEM DRAWING NOTE

These drawings shall not be removed from this equipment.

**CONTROL PANEL**  
Installation Location:  
On Hood

Panel Mark: CNTRLS-1	
Hood Mark(s):	
Serial Number:	
Model: XFCC	
Motor	Fan Mark
HP	Volt
PH	FLA
Wire	Breaker

<input type="checkbox"/> 1 Qty. Fan Switches (0-3)	<input type="checkbox"/> Exhaust in Fire
<input type="checkbox"/> 1 Qty. Light Switches (0-3)	<input type="checkbox"/> MUA Interface
<input type="checkbox"/> 0 Qty. Temp. Switches (0-1)	<input type="checkbox"/> Lights Out in Fire
<input type="checkbox"/> One Switch for L & F	<input type="checkbox"/> Fire Relay (#1)
<input checked="" type="checkbox"/> Digital Temperature Interlock	<input type="checkbox"/> Extra Fire Relay (#2)
<input type="checkbox"/> 1 Mounted Sensors - Factory	<input type="checkbox"/> Extra Fire Relay (#3)
<input type="checkbox"/> 0 Mounted Sensors - Field	<input type="checkbox"/> DDPDT Relay w/SF
<input type="checkbox"/> Heat Switch / Tempering SW	<input type="checkbox"/> DDPDT Relay w/EF
<input type="checkbox"/> Cool Switch	<input type="checkbox"/> Off Delay Relay
<input type="checkbox"/> AD Switch	<input type="checkbox"/> SF Failure Light
<input checked="" type="checkbox"/> Hood Switches	<input type="checkbox"/> EF Failure Light
<input type="checkbox"/> Audible Alarm	<input type="checkbox"/> Fan Failure Light (Appl.)
<input type="checkbox"/> Gas Reset [Gas Off w/Fans]	<input type="checkbox"/> Aux. Supply Contact
<input type="checkbox"/> Power for Gas Solenoid	<input type="checkbox"/> Tie in WWCP
<input type="checkbox"/> Power for Shunt Trip	

**TORQUE:**  
TERMINAL BLOCKS = 8 LB. IN  
GROUNDING BLOCKS = 8 LB. IN

**FIELD WIRING:**  
USE MINIMUM  
60° Copper Wire

**WIRE COLOR**

BK - black
BL - blue
BR - brown
OR - orange
PR - purple
RD - red
YW - yellow
WH - white

### AMEREX KP (WET CHEMICAL) FIRE PROTECTION SYSTEM - MODEL FSSK

#### CONTROL PANEL

- MRM (MECHANICAL RELEASE MODULE)
- NITROGEN ACTUATION CYLINDER
- MICROSWITCH

NOT TO SCALE

#### NOTES:

WET CHEMICAL FIRE PROTECTION SYSTEM TO BE AMEREX KP. DESIGNED IN COMPLIANCE WITH UL 300 REQUIREMENTS.

VERIFICATION OF ALL COOKING EQUIPMENT MAKE, MODEL AND LOCATION REQUIRED FOR ALL FIRE PROTECTION SYSTEMS.

ALL FIRE SYSTEM PIPING IS STANDARDLY TO THE RIGHT END OF THE HOOD UNLESS A WALL IS LOCATED ON THE RIGHT END.

AMEREX MRM/PRM TO BE LOCATED WITHIN 60" OF HOOD.

THE BASIC FIRE SYSTEM WILL INCLUDE THE FOLLOWING:

- GAS SHUT-OFF VALVE, IF REQUIRED, TO BE SUPPLIED BY MANUFACTURER (UP TO 2" DIAMETER AS STANDARD), AND INSTALLED BY A LICENSED PLUMBER.
- MICRO SWITCH TO BE SUPPLIED BY MANUFACTURER FOR CONNECTION TO, BUT NOT LIMITED TO, BUILDING ALARM SYSTEM(S), EXHAUST AND SUPPLY FANS AND ELECTRICAL POWER SHUT DOWN. FIELD WIRING AND CONNECTIONS TO BE PERFORMED BY A LICENSED ELECTRICIAN.
- THREE TRIPS TO THE JOBSITE.
- ANY STATE OR LOCAL INSTALLATION PERMITS.

THE BASIC FIRE SYSTEM DOES NOT INCLUDE THE FOLLOWING:

- FULL DUMP TEST OTHER THAN WHAT IS SPECIFIED PER THE INSTALLATION MANUAL OR TO SATISFY A STATE OR LOCAL CODE.
- MORE THAN THREE TRIPS TO THE JOBSITE OR SPECIAL TRANSPORTATION OR OVERNIGHT LODGING REQUIREMENTS IN REMOTE AREAS. NORMAL TRAVEL DISTANCE IS FIRST 50 MI. (80.5 KM) FROM OFFICE.
- SPECIAL CLASSES OR ADDITIONAL LABOR FOR ACCESS TO SECURITY SENSITIVE AREAS.
- INSTALLATION OF GAS SHUT-OFF VALVE.
- SPECIAL DRAWINGS REQUIRED TO SATISFY STATE OR LOCAL CODE.
- UNION LABOR, GOVERNMENT LABOR, OR PREVAILING WAGES REQUIRED FOR FINAL FIELD HOOK-UP.
- ANY AND ALL ELECTRICAL COMPONENTS/CONNECTIONS REQUIRED TO SHUT DOWN FANS, SHUT OFF DEVICE FOR ELECTRIC COOKING EQUIPMENT (SHUNT TRIP BREAKER), OR ACTIVATE AN ALARM SYSTEM, ETC.
- ANY DISMANTLING OR REASSEMBLY REQUIRED TO GAIN ACCESS TO THE FIRE SUPPRESSION PIPING LOCATED ON THE TOP OF THE HOOD.
- PLAN EXAMINATION FEES, PE OR PFS APPROVAL STAMP.
- ROUGH-IN CONDUIT FOR REMOTE PULL STATION OR GAS VALVE (FOR FLUSH MOUNTED PULL STATION).
- INSTALLATION OF MORE THAN (1) REMOTE PULL STATIONS OR DISTANCES GREATER THAN 20 FT. (6.1M.).
- PARTS OR LABOR REQUIRED TO CORRECT PIPING DUE TO COOKING EQUIPMENT CHANGES OR DEVIATION FROM PLANS, OR ANY CHARGES FOR MISSING OR ADDITIONAL PARTS OTHER THAN THOSE INDICATED ON THE FIRE SUPPRESSION DETAIL.

#### WIRING DIAGRAMS

W/ DDPDT MICRO SWITCH

DIPDT SWITCHES PROVIDED BY MANUFACTURER MAY BE WIRED PER TYPICAL EXAMPLES SHOWN, VERIFY WITH LOCAL CODES AND EQUIPMENT SUPPLIED AS THE CONNECTION NEEDED FOR YOUR INSTALLATION.

#### CONNECTION TO BUILDINGS ALARM

#### CONNECTION TO COOKING EQUIPMENT SHUT DOWN

#### CONNECTION TO FAN SHUT DOWN

DO NOT SHUT DOWN EXHAUST FANS WITH THIS METHOD OF WIRING. IF PROHIBITED BY LOCAL CODES.

#### NOTES:

1. ——— DENOTES FIELD INSTALLATION.

——— DENOTES FACTORY INSTALLATION.

3. GAS VALVES: \*ALL LISTED ELECTRICALLY OPERATED SAFETY VALVE FOR NATURAL OR LP GAS AS NEEDED OF APPROPRIATE PRESSURE AND TEMPERATURE RATING. 110/80 1/2" OR AMEREX GAS VALVES. PART NUMBERS 12780, 12791, 12782, 12792, 12794, 12795, 12871, 12872, 12873, 12874, 12875 AND 12876.

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SHEET NAME: MECHANICAL - KITCHEN EQUIPMENT CONTROLS, SHEET NUMBER: M-602, PROJECT NAME: DAWSON COUNTY SENIOR CENTER

FILENAME: C:\Users\jstullincras@dalawson.com\Documents\SJK\_DAWSON SENIOR CENTER\_MECH\_JSTULLINCRA.SWT

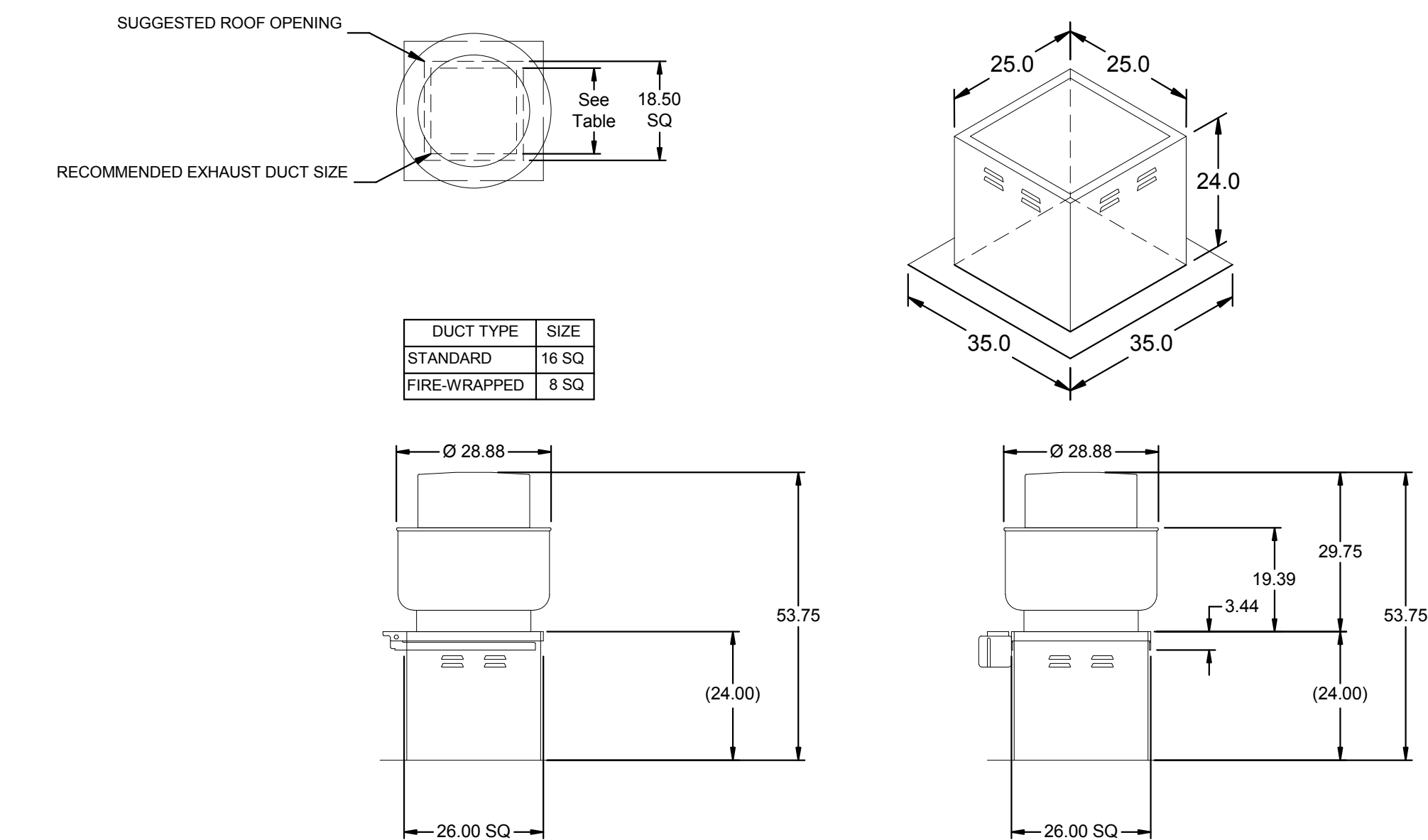
27/2019 2:15:19 PM SHEET NAME: MECHANICAL - KITCHEN EQUIPMENT SCHEDULES SHEET NUMBER: M-603 PROJECT NAME: DAWSON COUNTY SENIOR CENTER

Belt Drive Upblast Centrifugal Roof Exhaust Fan

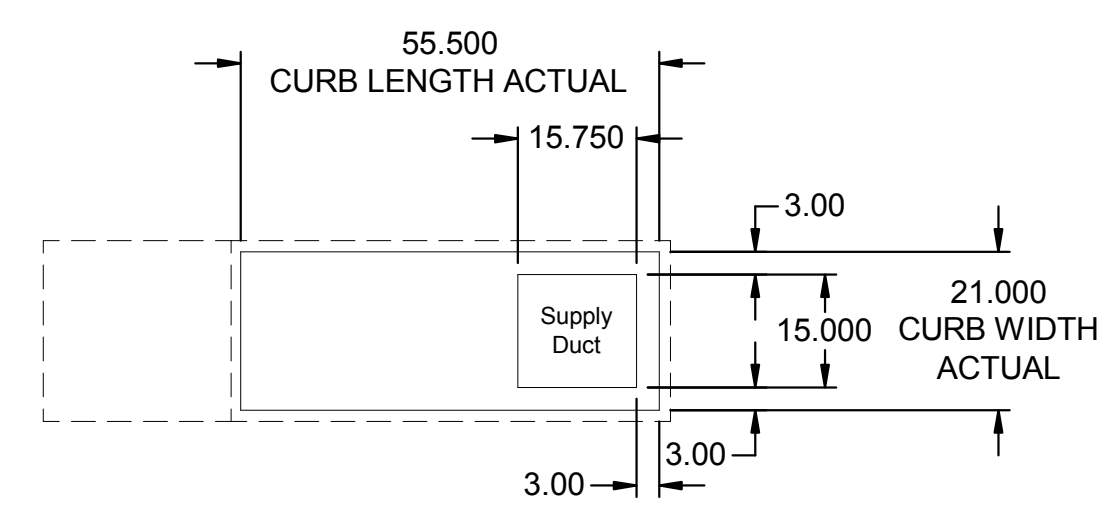
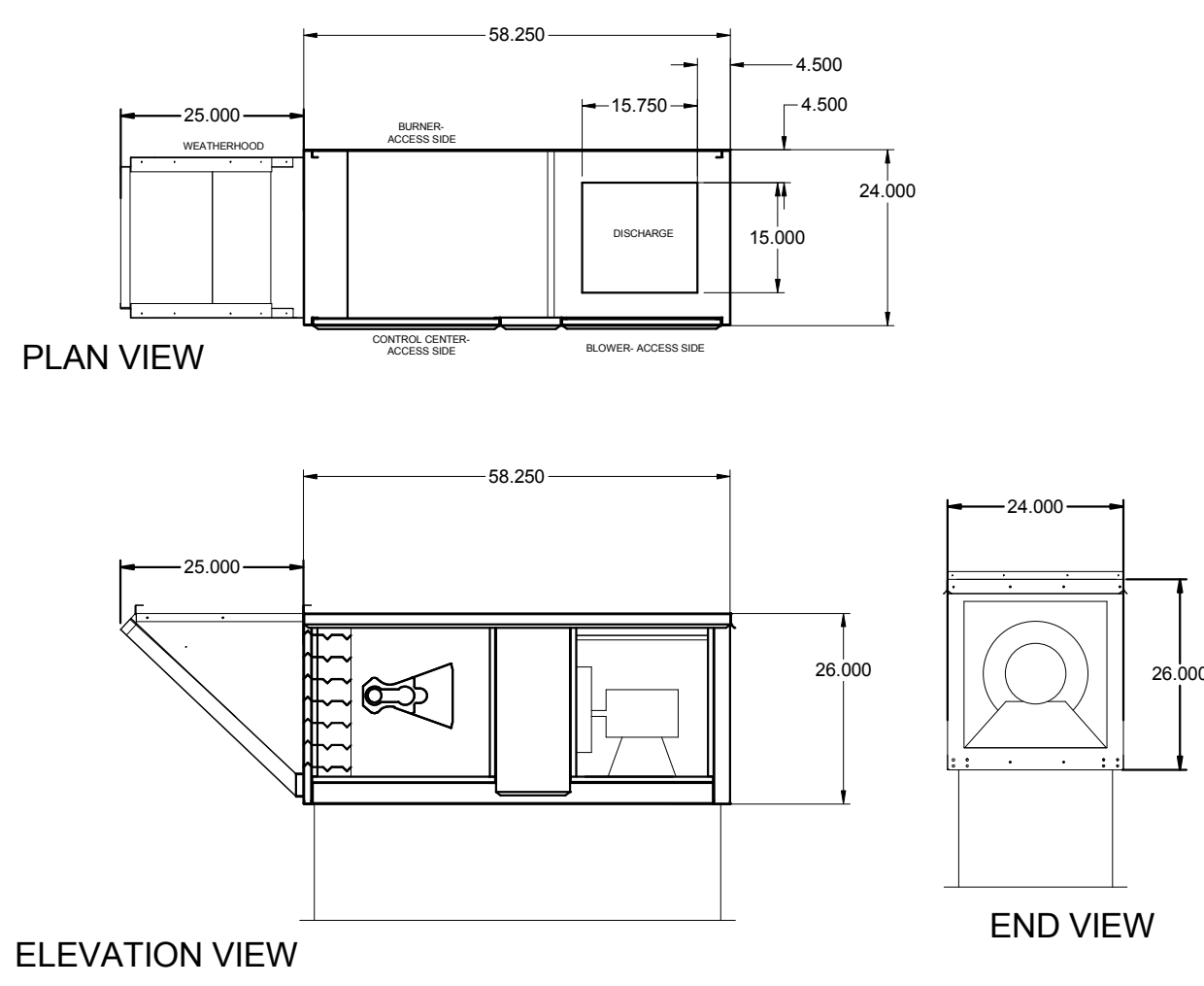
Table with 3 columns: MARK INFORMATION, FAN INFORMATION, MOTOR INFORMATION. Includes fields for QTY, MARK, MODEL, VOLUME (CFM), TOTAL EXTERNAL SP (IN WG), FAN RPM, OPERATING POWER (HP), WEIGHT (LB.), SIZE (HP), V/C/P, ENCLOSURE, MOTOR RPM, WINDINGS, NEC FLA\*.

\*NEC FLA - Based on tables 150 or 148 of National Electrical Code 2002. Actual motor FLA may vary, for sizing thermal overload, consult factory.

KEF-1: SELECTED OPTIONS AND ACCESSORIES. List of options including larger curb cap size, UL/cUL 762 Listed, Switch, NEMA-3R, Toggle, Shipped with Unit, Roof Curb-Galv., GPFV-26-G24, Under Sized 1 in. Total, Hinged Base (Attached), High Temp Curb Seal, Grease Trap, Heat Baffle, Clean-out Port.

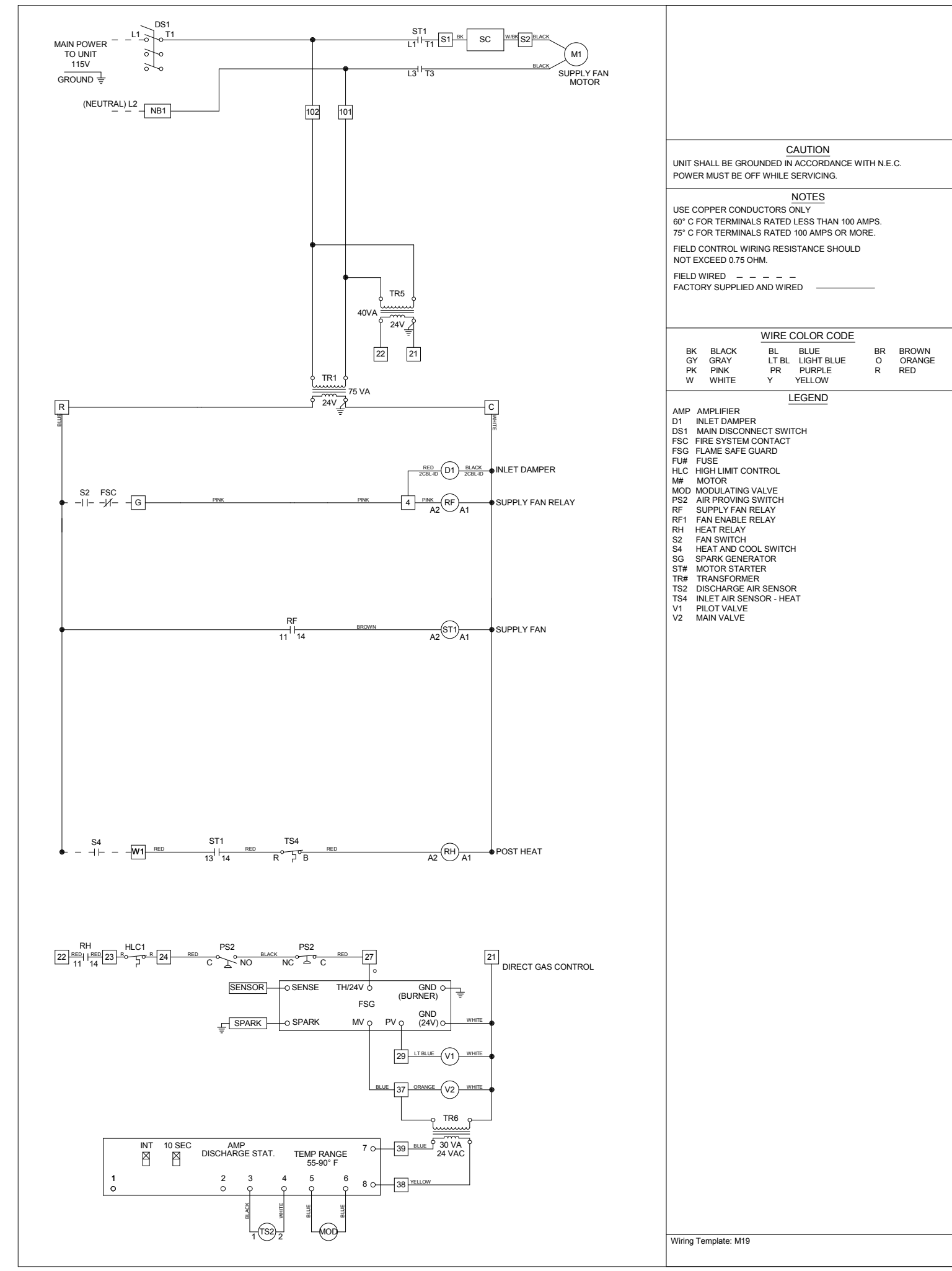


DUCT DIMENSIONS ARE LARGEST POSSIBLE DUCT TO FIT THROUGH CURB. CONSULT SYSTEM DESIGN ENGINEER FOR RECOMMENDED DUCT SIZE. OVERALL HEIGHT MAY BE GREATER DEPENDING ON MOTOR.



NOTE: Roof Opening Requirements: Minimum Roof Opening: The minimum roof opening size is the illustrated duct diameter plus 0.25 in. on all sides. For example: If the duct size is 14 x 14 in. square, the minimum roof opening size is 14.5 x 14.5 in. square. Maximum Roof Opening: There must be a minimum perimeter of 1.75 in. between the roof opening and the roof curb. For example: If the roof curb is 75 x 30 in. square, the maximum roof opening is 71.5 x 26.5 in. inches square. NOTE: The weatherhood and filter sections of the make-up air unit are not supported by the curb. This is by design, in order to help alleviate water infiltration issues. MUA Unit supports are shipped loose with unit.

EQUIPMENT SCHEDULE: Tempered Make-Up Air Unit. Includes columns for Qty, Accurex Model, Volume, External SP, Total SP, FRPM, Operating Power, Weight, Motor Information, Heating, and Options and Accessories.



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Revisions table with columns: No., Date, Description.

RELEASED FOR CONSTRUCTION. Includes fields for DATE (02/04/2019), PROJECT NUMBER (2018009), SHEET TITLE (MECHANICAL - KITCHEN EQUIPMENT SCHEDULES), and SHEET NUMBER (M-603).

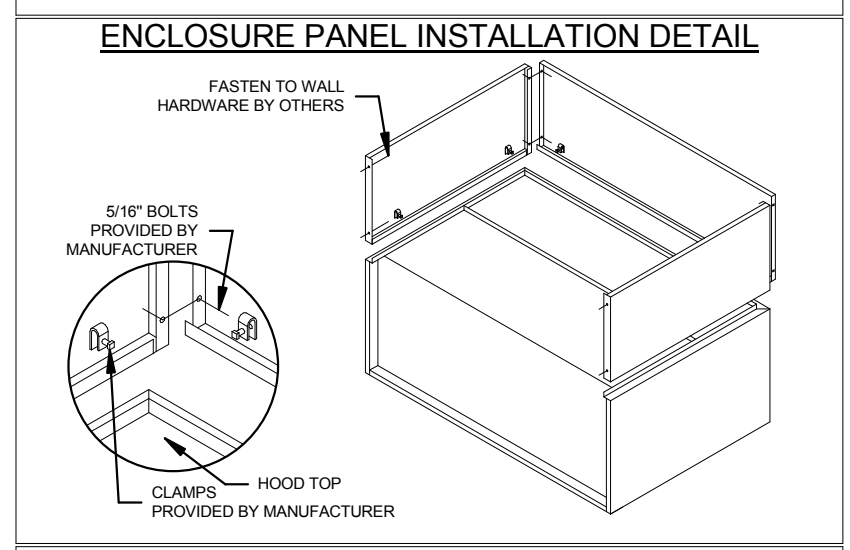
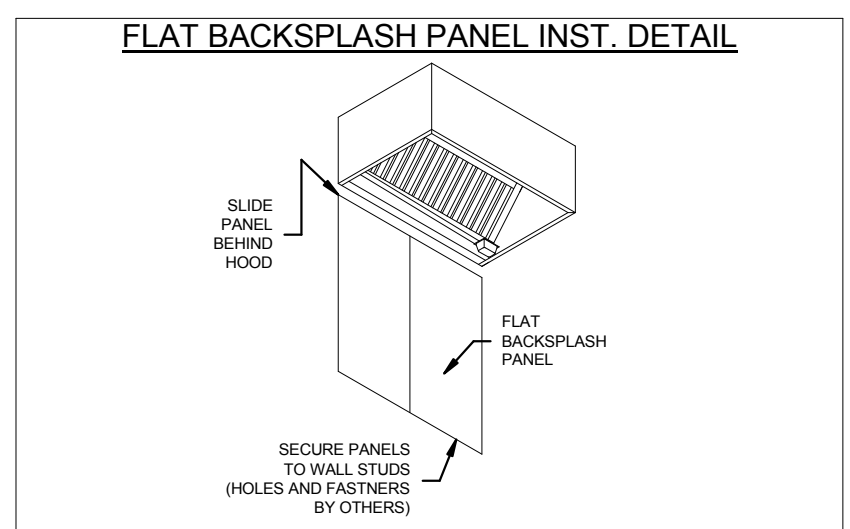
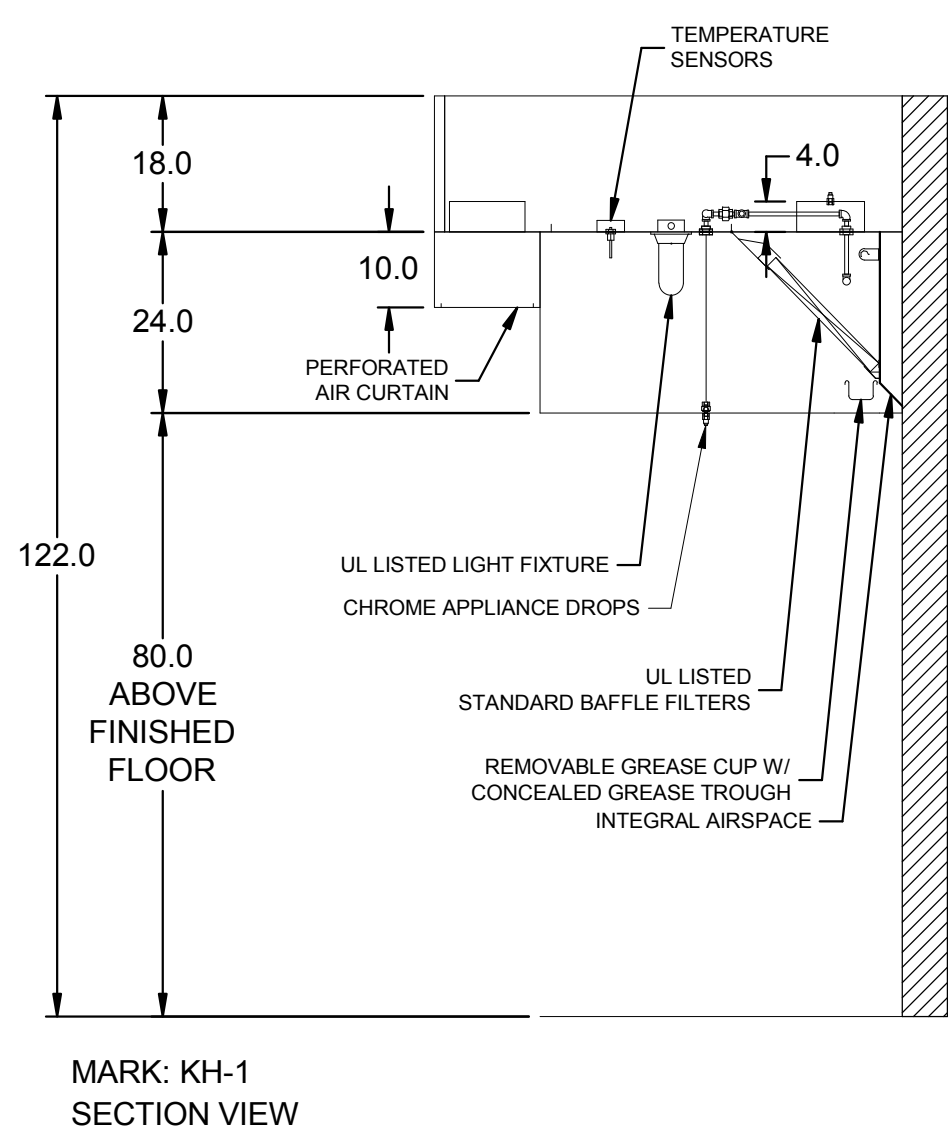
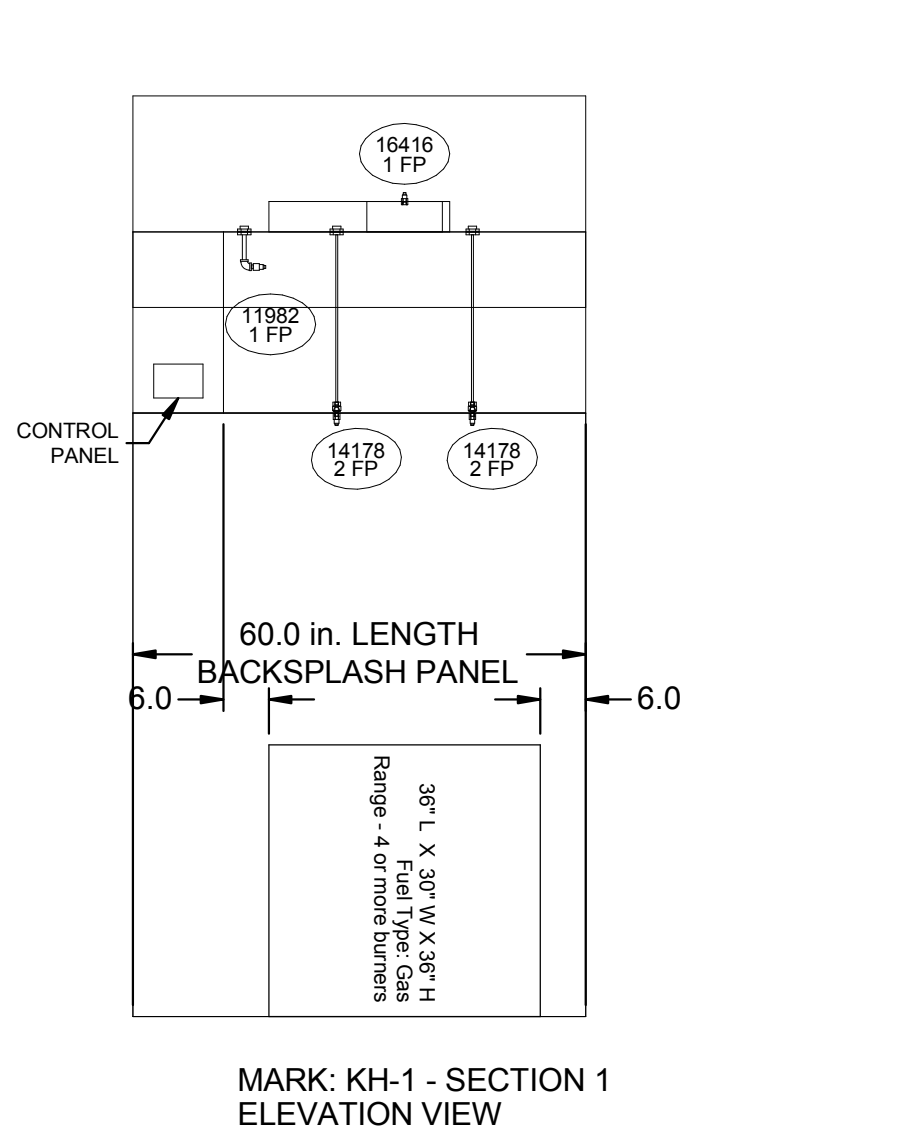
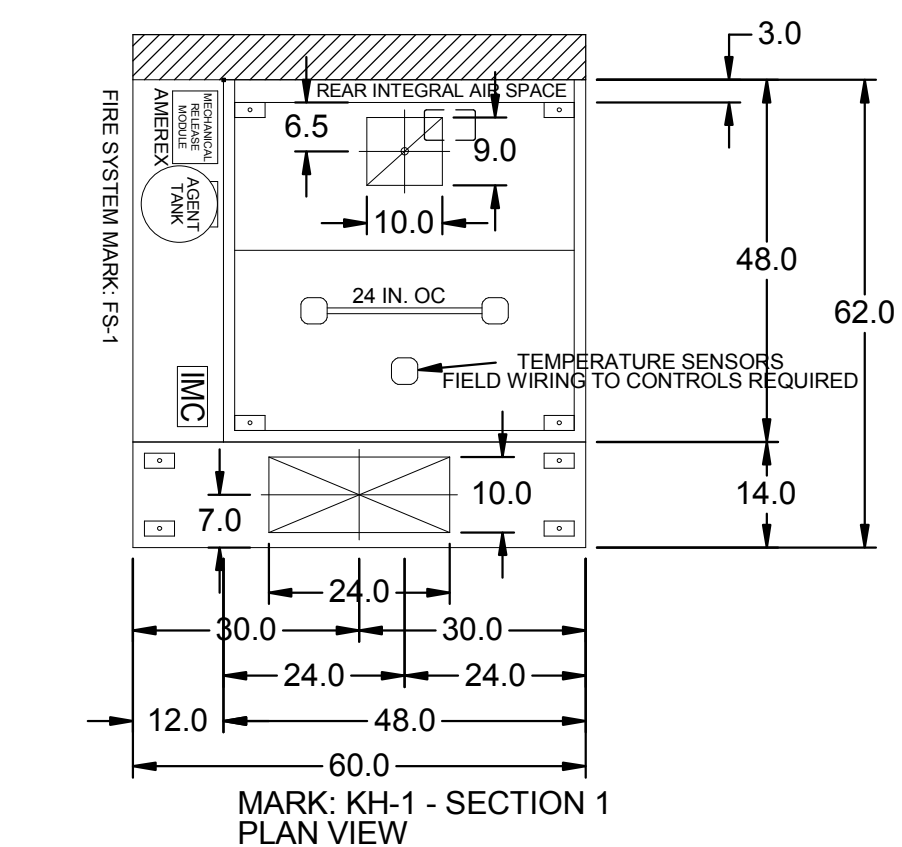
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HOOD INFORMATION																	
HOOD NO.	MARK	MODEL	HOOD DIMENSIONS (IN.)			HOOD CONSTR.	COOKING LOAD / DUTY RATING	TOTAL CFM	EXHAUST COLLAR(S)					SUPPLY		TOTAL WEIGHT LBS.	SECTION LOCATION
			LENGTH	WIDTH	HEIGHT				WIDTH	LENGTH	DIA.	CFM	S.P.	MUA CFM	AC CFM		
1	KH-1	XBEW-48-S	48	48	24	4:430 SS WHERE EXPOSED	4:HEAVY	1000	9	10		1000	0.465	800		4,140	SINGLE

HOOD INFORMATION																
HOOD NO.	MARK	LIGHTING DETAILS				GREASE FILTRATION DETAILS				UTILITY CABINET(S)						
		FIXTURE TYPE	BULB / LAMP INFO	QTY	FOOT CANDLES	TYPE / MODEL MATERIAL	QTY	SIZE (IN.)	LOCATION	FIRE SYSTEM			CONTROLS			
1	KH-1	100W A19 (BULBS NOT INCL.)		2	39.86	BAFFLE STAINLESS STEEL	3	16	20	LEFT	AMEREX KP			SIZE	MODEL	INTERFACE
							0	20	20							

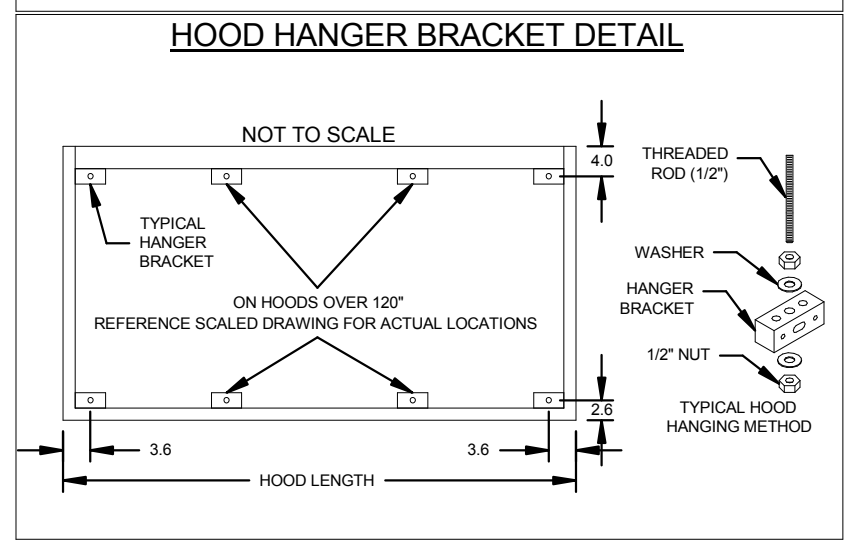
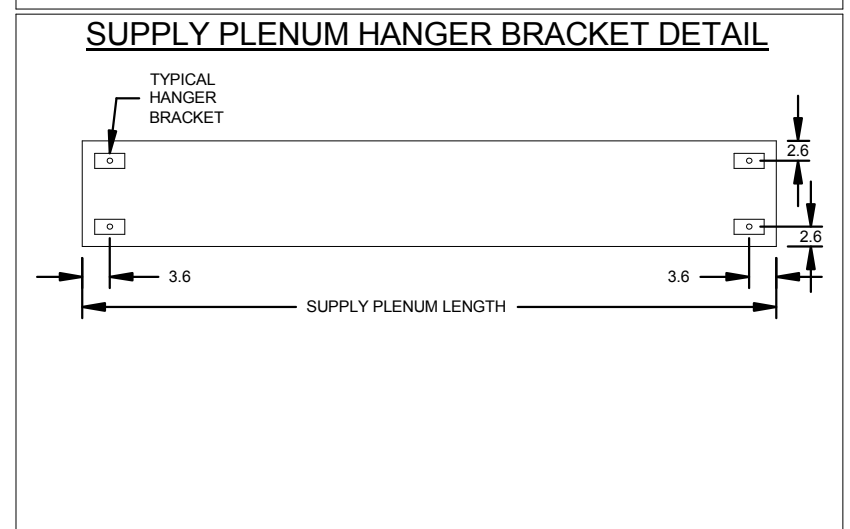
SUPPLY PLENUM INFORMATION																			
HOOD NO.	MARK	POS.	TYPE	SIZE (IN.)			INSULATED	DAMPER(S)	LED LIGHT(S)		TOTAL CFM	COLLARS							
				L	W	H			SUPPLIED	QTY		TYPE	MOUNTING	QTY	W	L	DIA.	CFM	S.P.
1	KH-1	FRONT	ASP	60	14	10	NO	YES	NO		800	MUA	FACTORY	1	10	24	800	0.12	480

**HOOD OPTIONS**  
 UL 710 LISTED W/ OUT EXHAUST FIRE DAMPER - UL #R25625  
 BACK INTEGRAL AIR SPACE - 3 IN WIDE  
 18 IN HIGH CEILING ENCLOSURES - FRONT LEFT RIGHT - FIELD INSTALLED  
 FACTORY MOUNTED EXHAUST COLLAR(S)  
 BACKSPLASH 80.00 IN HIGH 60.00 IN LONG  
 PERFORMANCE ENHANCING LIP (PEL) TECHNOLOGY  
 STANDING SEAM CONSTRUCTION FOR SUPERIOR STRENGTH



**HOOD HANGING HEIGHT FOR FIRE SYSTEMS**  
 VERIFICATION OF HOOD HANGING HEIGHT ABOVE FINISHED FLOOR (A.F.F.) IS REQUIRED FOR CORRECT PLACEMENT OF FIRE SYSTEM NOZZLES.

- RECOMMENDED HANGING HEIGHT = 80" FROM FINISHED FLOOR TO LOWER FRONT EDGE OF HOOD.
- OTHER HANGING HEIGHT = \_\_\_\_\_" FROM FINISHED FLOOR TO LOWER EDGE OF HOOD.



DESIGNING ARCHITECT



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02/04/2019

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**Revisions**

No.	Date	Description

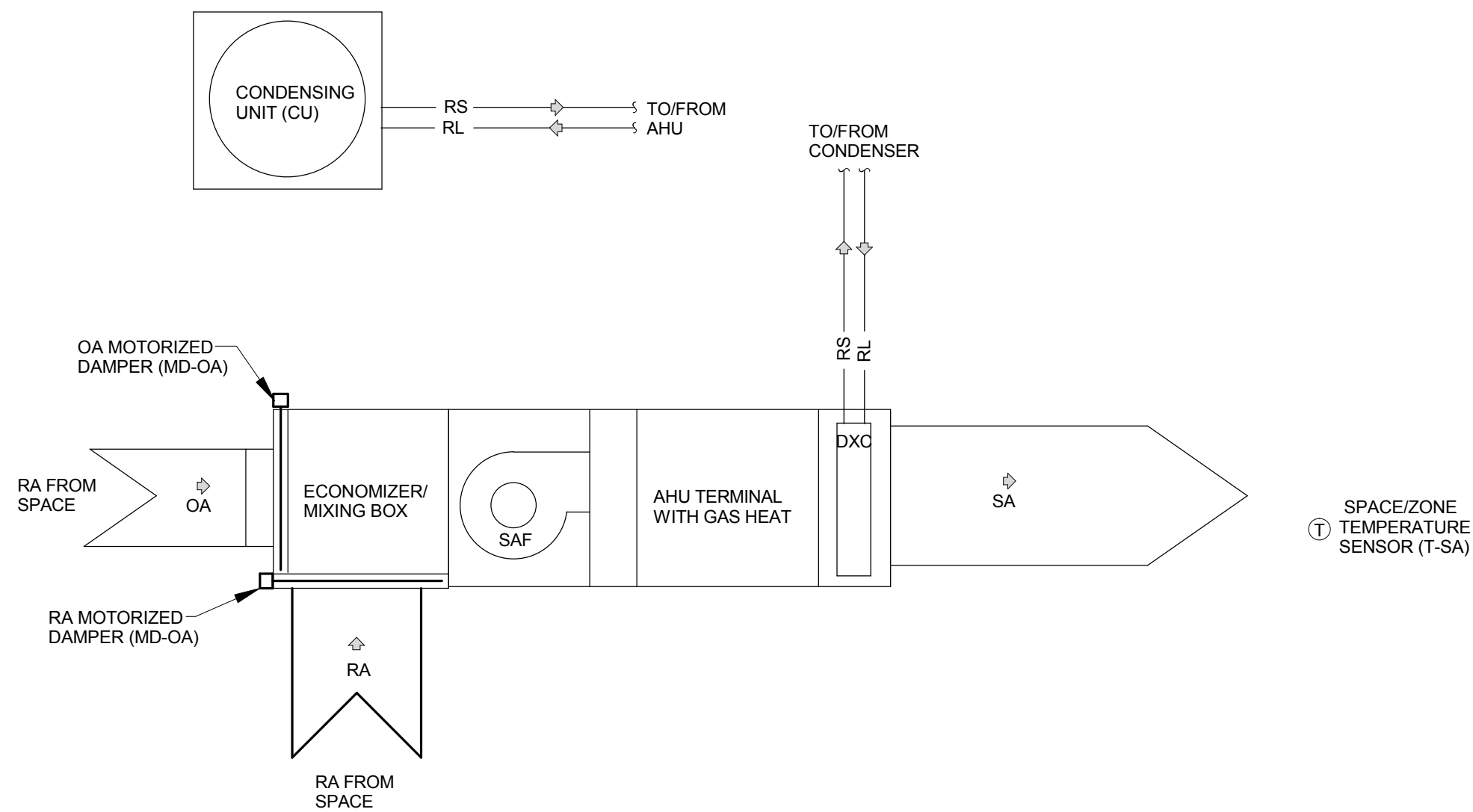
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DATE 02/04/2019

PROJECT NUMBER 2018009

SHEET TITLE  
**MECHANICAL - KITCHEN EQUIPMENT SCHEDULES**

SHEET NUMBER  
**M-604**



**1 SPLIT SYSTEM (CU-1-5/AHU-1-5) WITH GAS HEAT CONTROL DIAGRAM**  
 M700 SCALE: NONE

**SEQUENCE OF OPERATION:**

**SPLIT SYSTEMS (CU-1 THRU 5/AHU-1 THRU 5) COOLING & HEATING:**

EACH DX SPLIT SYSTEM SHALL BE CONTROLLED BY A SEPARATE DIGITAL SPACE PROGRAMMABLE THERMOSTAT. THE SPACE T-STAT SHALL ENABLE AND DISABLE THE SYSTEM BASED ON THE SPACE TEMPERATURE SETPOINT (ADJUSTABLE).

**OCCUPIED OPERATION:**

1. COOLING - SPACE TEMPERATURE SENSOR ENERGIZES AHU FAN AND CU TO MAINTAIN SPACE TEMPERATURE SET POINT (75 DEG. F (ADJ.)). FAN CONTINUES TO RUN AND CU DE-ENERGIZED WHEN SPACE TEMPERATURE IS MET.
2. HEATING - SPACE TEMPERATURE SENSOR ENERGIZES AHU FAN AND GAS FURNACE TO MAINTAIN SPACE TEMPERATURE SET POINT (70 DEG. F (ADJ.)). FAN CONTINUES TO RUN AND GAS FURNACE DE-ENERGIZED WHEN SPACE TEMPERATURE IS MET.

IN ECONOMIZER MODE, AHUs ARE CONFIGURED TO DELIVER "FREE COOLING". CUs COMPRESSOR(S) ARE OFF. AHU OUTDOOR AIR DAMPER SHALL MAINTAIN THE SUPPLY AIR TEMPERATURE AT THE SUPPLY AIR TEMPERATURE SETPOINT. AHUs ARE NOT EQUIPPED WITH AN EXHAUST FANS. RELIEF HOOD WITH PARAMETRIC DAMPER SHALL BE FULLY OPEN DURING THE ECONOMIZER CYCLE TO MAINTAIN THE BUILDING FROM OVER PRESSURIZATION.

AHUS TO SHUTDOWN AND UPON RECEIVING A SUPPLY AIR SMOKE DETECTOR STATUS.

IN THE HEATING MODE, THE AHU FAN WITH GAS HEAT IS ENERGIZED BY SPACE TEMPERATURE SENSOR (T-STAT) TO MAINTAIN SPACE TEMPERATURE AT ZONE HEATING SETPOINT. THE AHU SHALL MAINTAIN THE MINIMUM OUTSIDE AIR FLOW SETPOINT (CFM PER SCHEDULE). HEATING SHALL BE DISABLED WHEN SPACE TEMPERATURE IS MET.

**CO2 LEVEL IN OCCUPIED OPERATION ONLY FOR RTU-1 & 2:**

DURING COOLING OR HEATING OPERATION, CO2 UNIT SENSOR SHALL BE USED TO MODULATE THE OUTDOOR DAMPER (ODR-OA). RTU SHALL BE CONFIGURED FOR DEMAND CONTROL (DC) VENTILATION. THE BASE CO2 SETPOINT SHALL BE 500 PPM (ADJ.). THE OUTDOOR AIR DAMPER SHALL MODULATE TO MAXIMUM POSITION WITH RISE IN CO2 TO 1200 PPM (ADJ.).

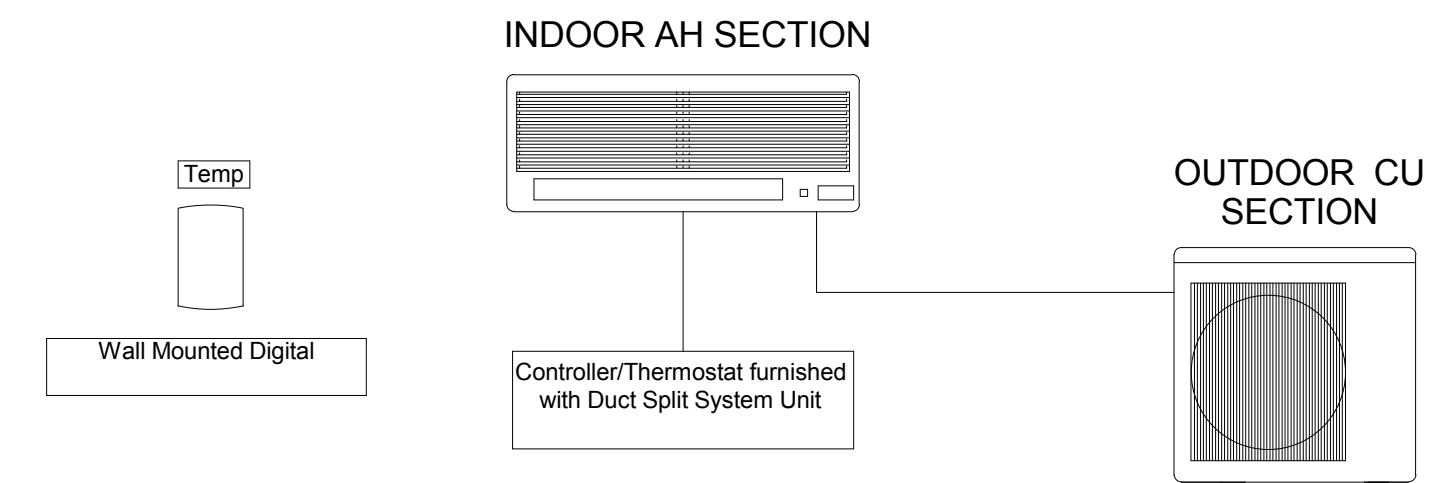
**UN-OCCUPIED MODE (UOC):**

ALL SYSTEMS SHALL BE DE-ENERGIZED.

SYSTEMS SHALL BE ENERGIZED IN UNOCCUPIED MODE (UOC MODE) ONLY IF SPACE TEMPERATURE DROPS BELOW 60°F (ADJ.) OR RISES ABOVE 85°F (ADJ.). ONCE THE SPACE TEMPERATURE IS AGAIN CONDITIONED TO BETWEEN 65°F AND 80°F, THE SYSTEMS SHALL BE DE-ENERGIZED. THIS WILL MAINTAIN A MINIMUM SPACE TEMPERATURE DURING THE WINTER AND MAXIMUM SPACE TEMPERATURE DURING THE SUMMER.

**DUCTLESS SPLIT SYSTEMS SEQUENCE OF OPERATIONS**

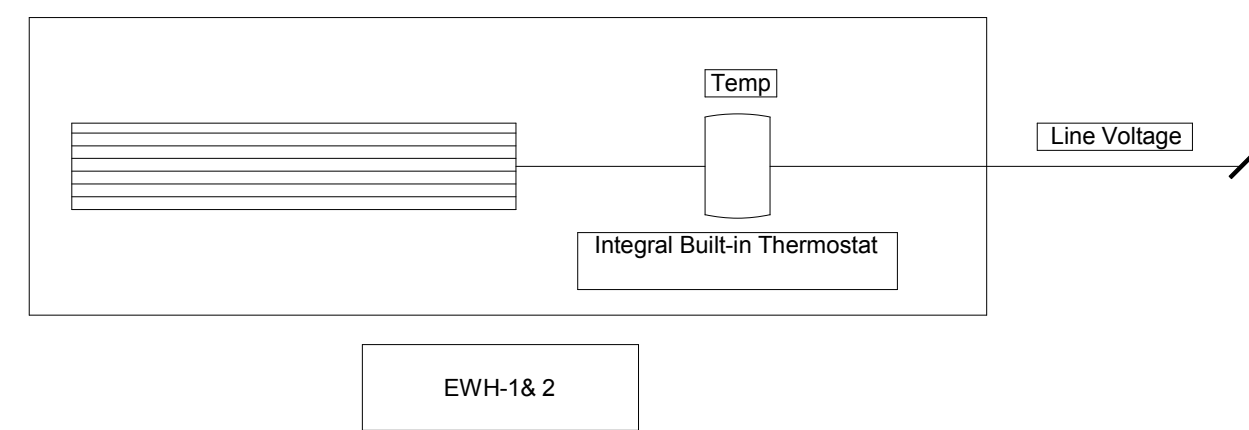
A. THE DUCTLESS SPLIT SYSTEMS SHALL OPERATE VIA THE FACTORY FURNISHED THERMOSTAT/CONTROLLER TO MAINTAIN A SPACE TEMPERATURE AS NOTED ON EQUIPMENT SCHEDULE.



**2 DUCTLESS SPLIT SYSTEM CONTROL**  
 M700 SCALE: NONE

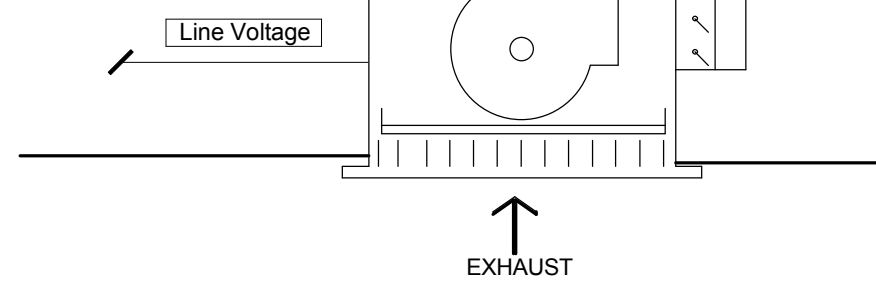
**ELECTRIC WALL HEATERS SEQUENCE OF OPERATIONS**

A. THE ELECTRIC WALL HEATERS SHALL OPERATE VIA THE INTEGRAL FACTORY INSTALLED THERMOSTAT TO MAINTAIN A SPACE TEMPERATURE OF 50 DEGREES F (ADJ.) IN STAIRS.



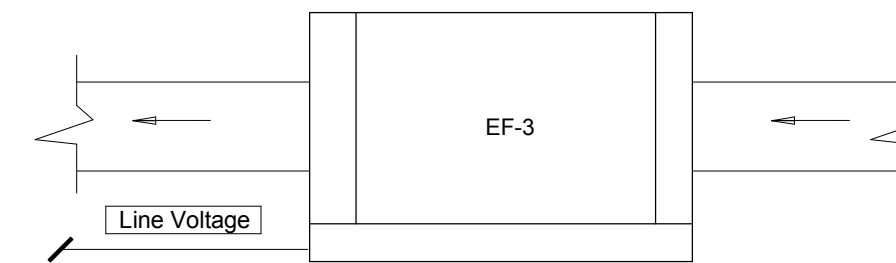
**3 ELECTRIC WALL HEATER CONTROL**  
 M700 SCALE: NONE

EF-1 & 2 SHALL INTERLOCK WITH TOILET LIGHTS.



**4 CEILING EXHAUST FAN (EF-1 & 2) CONTROL**  
 M700 SCALE: NONE

EF-3 SHALL RUN CONTINUOUSLY DURING OCCUPIED HOURS. PROVIDE A TIMER TO CONTROL THE OPERATION OF EF-3.



**5 IN-LINE EXHAUST FAN (EF-3) CONTROL**  
 M700 SCALE: NONE



02/04/2019

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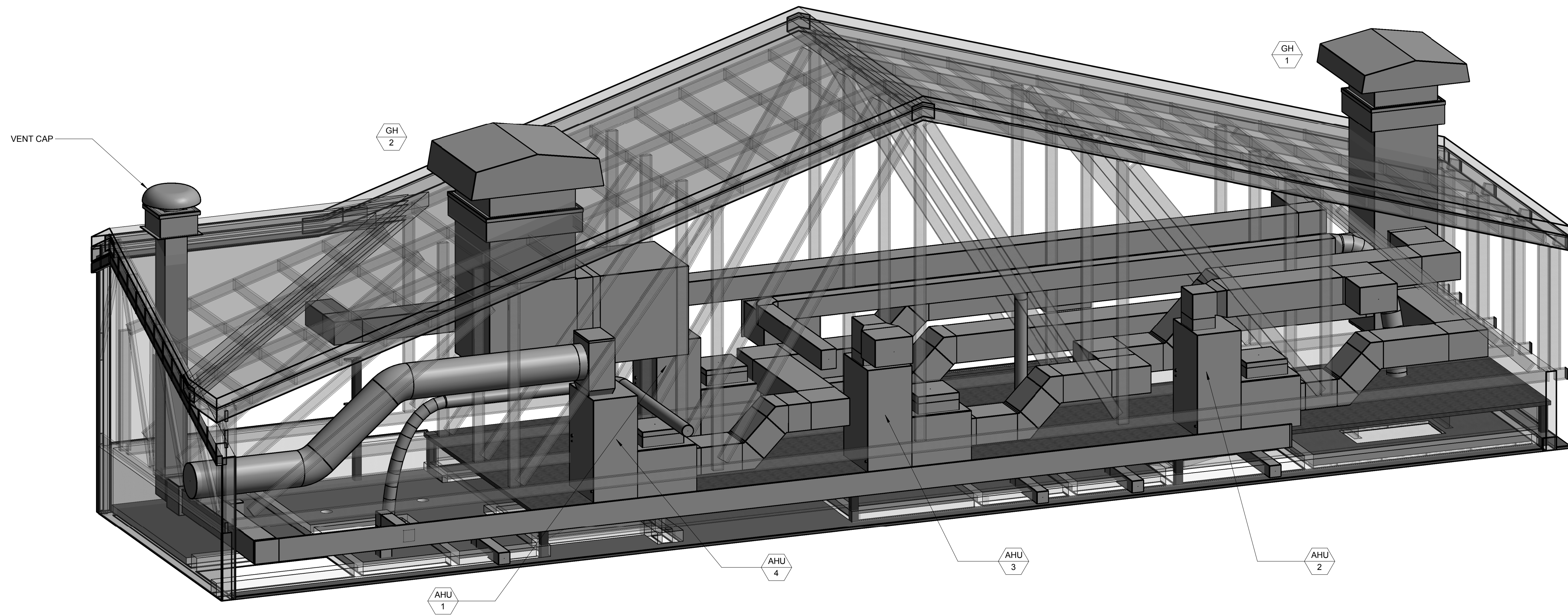
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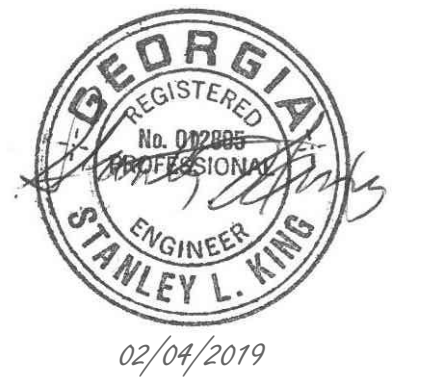
DATE 02/04/2019  
 PROJECT NUMBER 2018009

SHEET TITLE  
**MECHANICAL -  
 SCHEMATICS**

SHEET NUMBER  
**M-700**



**1** MECHANICAL - MECHANICAL PENTHOUSE - DUCTWORK  
 M-900 NOT TO SCALE



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No.	Date	Description

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DATE 02/04/2019  
 PROJECT NUMBER 2018009

SHEET TITLE  
**MECHANICAL - FOR  
 REFERENCE ONLY**

SHEET NUMBER  
**M-900**

**PLUMBING GENERAL NOTES**

1. THE CONTRACTOR SHALL BE RESPONSIBLE UNDER THESE DRAWINGS AND SPECIFICATIONS FOR THE PROPER COORDINATION OF ALL WORK WITH THE RELATED WORK OF OTHERS TRADES, CRAFTS CONTRACTORS, SUB-CONTRACTORS, ETC. EMPLOYED ON THE PROJECT, TO INSURE A COMPLETE, NEAT AND WORKMEN-LIKE INSTALLATION.
2. PLUMBING DRAWINGS ARE DIAGRAMMATIC ONLY, AND DO NOT REPRESENT ALL OFFSETS AND EXACT ROUTING OF PLUMBING PIPING. COORDINATE ALL UNDERGROUND SEWER AND WATER PIPING WITH FOUNDATION AND THE STRUCTURAL DRAWINGS. COORDINATE UNDERGROUND PIPING WITH GRADE BEAMS, FOOTINGS AND PILE CAPS.
3. ANCHOR EXPOSED VERTICAL WATER PIPES TO WALLS WITH HOT DIPPED GALVANIZED UNI-STRUT CHANNELS AND CUSHIONED BOLT CLAMPS.
4. INSTALL HORIZONTAL EXPOSED PIPES AS CLOSE TO CEILING AS POSSIBLE AND COORDINATE WITH OTHER TRADES BEFORE INSTALLATION.
5. LAVATORY WASTE PIPE MUST BE INSTALLED AS HIGH AS POSSIBLE, AS CLOSE TO THE WALL AS POSSIBLE, ANCHORED TO WALL AND BE CHROME PLATED.
6. VERIFY INVERT ELEVATION OF EXISTING SANITARY AND STORM SEWERS BEFORE STARTING WORK.
7. DO NOT INSTALL WATER VALVES ABOVE GYP-BOARD CEILINGS UNLESS ACCESS PANELS PROVIDED.
8. INSTALL COLD WATER SUPPLY, VALVE BOX W/ SHUTOFF TO ALL REFRIGERATORS AND ICE MAKERS.
9. SHOCK ABSORBERS HAMMER ARRESTORS SHALL BE INSTALLED BEFORE LAST FLUSH VALVE FIXTURE AND/OR AS SHOWN ON PLANS AND SHALL BE PISTON TYPE.
10. VENT ALL URINALS SEPARATELY AS SHOWN ON DRAWINGS.
11. FLOOR DRAINS SHALL BE INSTALLED W/ TRAP PRIMERS AS NOTED ON DRAWINGS & W/ DEEP SEAL TRAPS.
12. SANITARY SEWER, WASTE PIPE AND STORM SEWER PIPING 3 INCHES AND LARGER, SHALL BE INSTALLED AT A 1% SLOPE (1/8 INCH PER FOOT) MINIMUM.
13. DO NOT INSTALL PIPING OVER ELECTRICAL PANELS OR THROUGH ELECTRICAL ROOMS.
14. VERIFY AND COORDINATE LOCATIONS OF UTILITIES BEFORE COMMENCING WORK.
15. PROVIDE HOT WATER MIXING VALVE FOR THE DOMESTIC WATER HEATER.
16. OFFSET SANITARY VENTS THROUGH ROOF TO BE A MINIMUM OF 10'-0" FROM HVAC FRESH AIR INTAKE.
17. PAINT EXPOSED PIPING TO MATCH SURROUNDINGS AND PER SPECIFICATIONS AND COORDINATE W/ ARCHITECT.
18. MANUFACTURER'S AND THEIR MODEL NUMBERS FOR PLUMBING EQUIPMENT AND FIXTURES ARE BASIS OF DESIGN. APPROVED EQUAL PRODUCTS ARE PERMITTED AS SPECIFIED.
19. INSTALL DOMESTIC WATER SHUTOFF VALVES IN ACCESSIBLE AREAS FOR ACCESS DURING EMERGENCY SITUATIONS AND FOR MAINTENANCE.
20. INSTALL PLUMBING PIPING AS HIGH AS POSSIBLE AND COORDINATE WITH OTHER TRADES BEFORE INSTALLATION.
21. REFER TO CIVIL PLANS FOR PIPE INVERT ELEVATIONS.
22. CONCEAL PLUMBING PIPES WHERE POSSIBLE. EXPOSED PIPES SHALL BE ROUTED AS HIGH AS POSSIBLE, TIGHT TO WALLS OR CEILING AND IN A NEAT PERPENDICULAR FASHION.
23. PLUMBING FIXTURES SHALL BE ENERGY EFFICIENT, LOW FLOW, WATER CONSERVING TYPE FIXTURES.
24. INSTALL WATER HEATER PER MANUFACTURER'S RECOMMENDATIONS.
25. COORDINATE SCUPPERS, GUTTERS AND DOWN SPOUTS WITH THE ARCHITECTURAL PLANS.
26. REFER TO THE ARCHITECTURAL DRAWINGS FOR OVERALL ROOF PLANS WITH ROOF SLOPE AND EXACT GUTTER AND DOWNSPOUTS LOCATIONS.
27. INSTALL TRAP PRIMERS ON ALL FLOOR DRAINS, AREA DRAINS THAT ARE SUBJECT TO LOSING WATER SEAL. DRAINS SUBJECT TO WASH DOWN OR IN KITCHEN AREA ARE NOT REQUIRED TO HAVE TRAP PRIMERS INSTALLED.
28. NATURAL GAS PIPING IS SIZED AND CALCULATED FOR LOW OPERATING PRESSURE OF 1/4 PSIG (7" WC).
29. SANITARY, STORM AND VENT PIPING SHALL BE SLOPED PER THE 2012 INTERNATIONAL PLUMBING CODE REQUIREMENTS.
30. REFER TO CIVIL DRAWINGS FOR PLUMBING WORK LOCATED FIVE FEET OUTSIDE THE BUILDING OR AS NOTED OTHERWISE.
31. PLUMBING PIPING INSTALLED TO 5'-0" OUTSIDE OF BUILDING, UNLESS NOTED OTHERWISE.
32. COORDINATE UNDERSLAB PLUMBING PIPING WITH THE STRUCTURAL FOUNDATIONS AND FOOTINGS BEFORE STARTING WORK.
33. REFER TO ARCHITECTURAL PLANS FOR ADDITIONAL INFORMATION REGARDING ROOM NAMES AND NUMBERS.
34. SANITARY AND STORM SEWER INVERT ELEVATIONS ARE BELOW BUILDINGS FINISHED FLOOR SLAB.
35. ALL PLUMBING PIPING INSIDE THE BUILDING TO BE NON-METALIC PIPING, UNLESS REQUIRED BY LOCAL CODE. USE PVC FOR SANITARY AND VENT PIPING AND CPVC FOR DOMESTIC WATER PIPING.

**PLUMBING LEGEND**

SYMBOL	DESCRIPTION
	CUT EXISTING SLAB FOR NEW BELOW SLAB PIPING
	EXISTING PIPING
	EXISTING PIPING TO BE REMOVED OR ABANDON
	DOMESTIC COLD WATER
	EMERGENCY TEMPERED WATER (105°F)
	HOT WATER (120°F)
	HOT WATER (140°F)
	NATURAL GAS PIPING
	VENT
	KITCHEN WASTE PIPE (BELOW SLAB)
	SANITARY SEWER PIPE (ABOVE SLAB)
	SANITARY SEWER PIPE (BELOW SLAB)
	STORM SEWER PIPE (ABOVE SLAB)
	STORM SEWER PIPE (BELOW SLAB)
	STORM EMERGENCY OVERFLOW (ABOVE SLAB)
	WASTE PIPE (BELOW SLAB)
	OZONE WATER (LAUNDRY)
	PIPE TURNING DOWN
	PIPE TURNING UP
	GATE or GLOBE VALVE
	BALANCING VALVE
	CHECK VALVE
	GAS SOLENOID SHUT-OFF VALVE
	FLOOR DRAIN W/ TRAP PRIMER
	FLOOR DRAIN
	GRADE CLEANOUT
	FLOOR CLEANOUT
	WALL CLEANOUT/END OF LINE CLEANOUT
	H.W. RECIRCULATION PUMP WITH BY-PASS
	SHOCK ABSORBER WATER HAMMER ARESTOR
	DIRECTION OF FLOW (WATER)
	DIRECTION OF SLOPE (SEWER)
	PLUMBING FIXTURE NUMBER
	BACKFLOW PREVENTER (BFP)
	PRESSURE REDUCING VALVE (PRV) WITH BY-PASS
	PRIMARY ROOF DRAIN
	MILD CLIMATE WALL HYDRANT
	CAP EXISTING PIPE
	CAP FOR FUTURE USE
	HOT WATER MIXING VALVE ASSEMBLY
	GAS COCK
	CONNECT TO EXISTING

(NOT ALL SYMBOLS AND ABBREVIATIONS ARE USED ON THIS PROJECT)

**PLUMBING ABBREVIATIONS**

ABBREV	ABBREVIATION
A/C	ABOVE CEILING
AD	AREA DRAIN
AFF	ABOVE FINISHED FLOOR
AS	ABOVE SLAB
B/G	BELOW GRADE
B/S	BELOW FINISHED SLAB
CA	COMPRESSED AIR
CO	CLEANOUT
CV	CHECK VALVE
DBP	DOMESTIC BOOSTER PUMP
DHX	DOMESTIC HEAT EXCHANGER
DN	PIPE DOWN
DF	ELECTRIC WATER COOLER
DW	DISHWASHER
EOF	EMERGENCY OVERFLOW DRAIN (STORM)
EG	ELECTRIC WATER HEATER
FCO	FLOOR CLEANOUT
FD	FLOOR DRAIN
FS	FLOOR SINK
GCO	GRADE CLEANOUT
GV	GATE VALVE
HB	HOSE BIB
HC/ADA	BARRIER-FREE
HD	HUB DRAIN
HWRP	HW RECIRCULATION PUMP
HW	HOT WATER
JC	JANITOR'S CLOSET
KW	KILOWATT
LAV	LAVATORY
NFWH	NON-FREEZE WALL HYDRANT
P#	FIXTURE NUMBER
RD	ROOF DRAIN
REFRIG	REFRIGERATOR
SA	SHOCK ARRESTER
SAN	SANITARY SEWER
ST	STORM SEWER
TP	TRAP PRIMER
UR	URINAL
V	VENT
VTR	VENT THRU ROOF
W	WASTE
WC	WATER CLOSET
WCO	WALL CLEANOUT
ACC	AIR CONDITIONING
ACC	AIR CONDITIONING

**SHEET LIST - PLUMBING**

P-001	PLUMBING - GENERAL NOTES & LEGENDS
P-100	PLUMBING - LEVEL 1 FLOOR PLAN - DOMESTIC PLAN
P-120	PLUMBING - LEVEL 1 FLOOR PLAN - SANITARY PLAN
P-130	PLUMBING - LEVEL 1 FLOOR PLAN - STORM WATER & GAS
P-400	PLUMBING - ENLARGED PART PLANS
P-401	PLUMBING - ENLARGED PART PLANS
P-500	PLUMBING - DETAILS
P-501	PLUMBING - DETAILS
P-600	PLUMBING - SCHEDULES
P-700	PLUMBING - DOMESTIC RISER DIAGRAM
P-720	PLUMBING - SANITARY RISER DIAGRAM



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SHEET TITLE

**PLUMBING - GENERAL NOTES & LEGENDS**

SHEET NUMBER

**P-001**

SHEET NAME: PLUMBING - LEVEL 1 FLOOR PLAN - DOMESTIC WATER PLAN SHEET NUMBER: P-100 PROJECT NAME: DAWSON COUNTY SENIOR CENTER - 2/7/2019 2:15:33 PM

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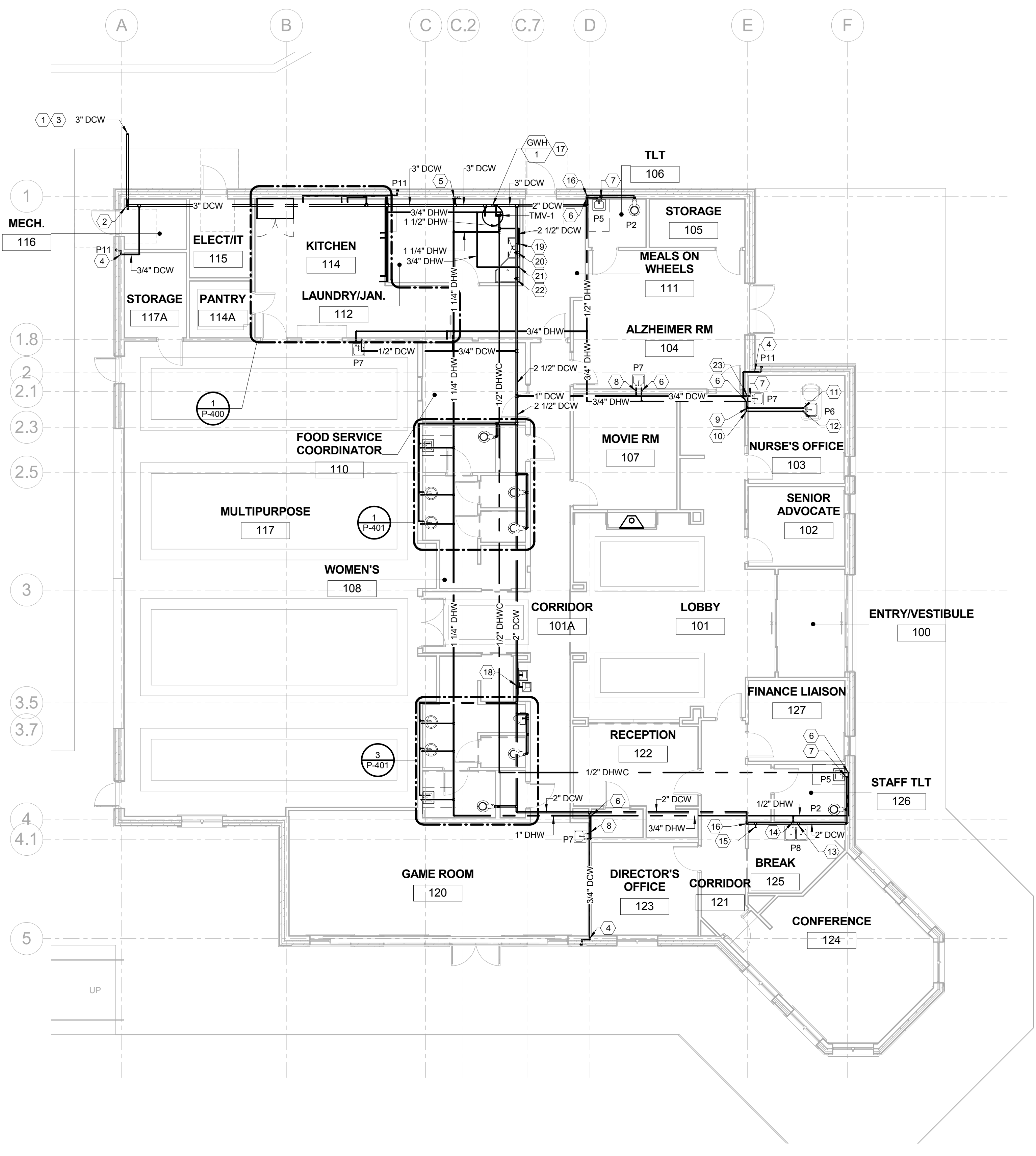
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DATE 02/04/2019  
 PROJECT NUMBER 2018009

SHEET TITLE  
**PLUMBING - LEVEL 1  
 FLOOR PLAN -  
 DOMESTIC PLAN**

SHEET NUMBER  
**P-100**

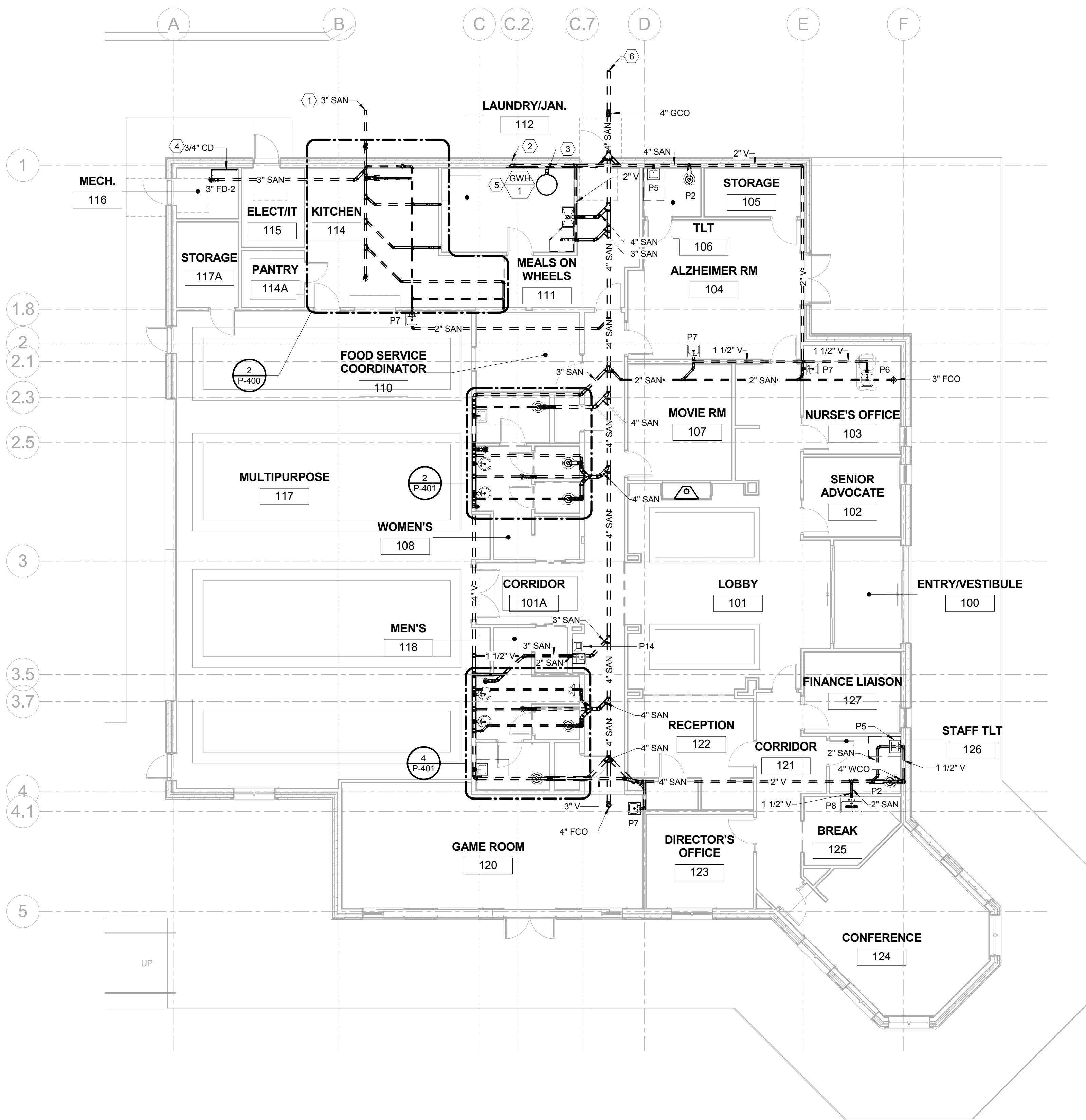
PLUMBING KEYNOTES	
Key Value	Keynote Text
1	BACKFLOW PREVENTER & WATER PROVIDED BY CIVIL. REFER TO CIVIL PLANS FOR MORE INFORMATION.
2	3" CW RISER WITH SHUT-OFF 36" AFF.
3	3" DOMESTIC WATER SERVICE BELOW GRADE. REFER TO CIVIL PLAN FOR CONTINUATION.
4	3/4" CW DROP WITH SHUT-OFF TO WALL HYDRANT. REFER TO DETAIL #3 ON SHEET P-500 FOR MORE INFORMATION.
5	3/4" CW & HW DROPS TO WATER RECESSED BOX. REFER TO DETAIL #5 ON SHEET P-500 FOR MORE INFORMATION.
6	1/2" HW DROP WITH SHUT-OFF TO LAVATORY.
7	1/2" CW WITH SHUT-OFF TO LAVATORY.
8	1/2" CW DROP WITH SHUT-OFF TO LAVATORY.
9	1/2" CW DROP BELOW GRADE TO PEDICURE STATION.
10	1/2" HW DROP BELOW GRADE TO PEDICURE STATION.
11	1/2" CW UP ABOVE GRADE WITH SHUT-OFF TO PEDICURE STATION.
12	1/2" HW UP ABOVE GRADE WITH SHUT-OFF TO PEDICURE STATION.
13	3/4" CW WITH SHUT-OFF TO DOUBLE COMPARTMENT SINK.
14	3/4" HW DROP WITH SHUT-OFF TO DOUBLE COMPARTMENT SINK.
15	1/2" CW TO REFRIGERATOR.
16	2" CW DROP.
17	MAINTAIN NECESSARY CLEARANCE PER MANUFACTURER'S INSTRUCTIONS AND COORDINATE PIPING WITH ALL TRADES. REFER TO DETAIL #3 ON SHEET P-501 FOR MORE INFORMATION.
18	1/2" CW DROP WITH SHUT-OFF TO WATER COOLER.
19	3/4" HW DROP WITH SHUT-OFF TO UTILITY SINK.
20	3/4" CW DROP WITH SHUT-OFF TO UTILITY SINK.
21	3/4" HW DROP WITH SHUT-OFF TO MOP SINK.
22	3/4" CW DROP WITH SHUT-OFF TO MOP SINK.
23	3/4" CW DROP.



**1 PLUMBING - LEVEL 1 FLOOR PLAN - DOMESTIC WATER**  
 P-100 1/8" = 1'-0"

SHEET NAME: PLUMBING - LEVEL 1 FLOOR PLAN - SANITARY PLAN. SHEET NUMBER: P-120. PROJECT NAME: DAWSON COUNTY SENIOR CENTER. 2/7/2019 2:15:37 PM

FILENAME: C:\Users\stj\OneDrive\Documents\SLK\_DAWSON SENIOR CENTER\_MECH\_1\STJULIENCFRAS.rvt



PLUMBING KEYNOTES	
Key Value	Keynote Text
1	3" GREASE SERVICE BELOW GRADE. REFER TO CIVIL PLAN FOR CONTINUATION.
2	3" VENT THRU ROOF. REFER TO DETAIL #7 ON SHEET P-500.
3	PROVIDE 4"Ø CONCENTRIC VENT FOR WATER HEATER AND INSTALL PER MANUFACTURER'S INSTRUCTIONS. TERMINATE AT 2'-0" ABOVE THE ROOF. REFER TO DETAIL #9 ON SHEET P-500 FOR MORE INFORMATION.
4	3/4" CONDENSATE FROM AC-1. REFER TO MECHANICAL SCHEDULES M FOR MORE INFORMATION.
5	MAINTAIN NECESSARY CLEARANCE PER MANUFACTURER'S INSTRUCTIONS AND COORDINATE PIPING WITH ALL TRADES. REFER TO DETAIL #3 ON SHEET P-501 FOR MORE INFORMATION.
6	4" SANITARY SERVICE BELOW GRADE. REFER TO CIVIL PLAN FOR CONTINUATION.

1 PLUMBING - LEVEL 1 FLOOR PLAN - SANITARY  
P-120 1/8" = 1'-0"

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SHEET TITLE  
**PLUMBING - LEVEL 1  
FLOOR PLAN -  
SANITARY PLAN**

SHEET NUMBER  
**P-120**

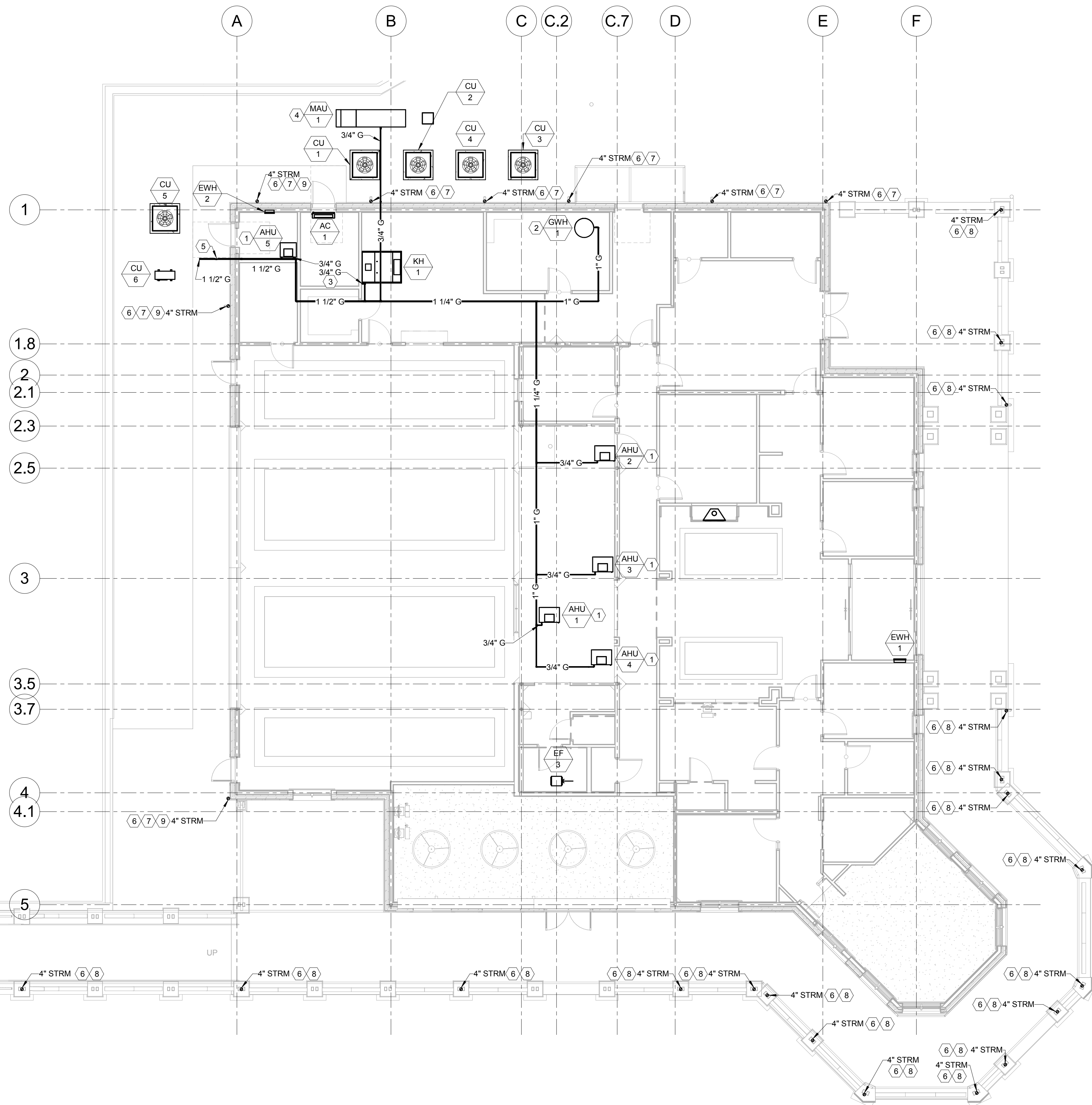


SHEET NAME: PLUMBING - LEVEL 1 FLOOR PLAN - STORM WATER & GAS. SHEET NUMBER: P-130. PROJECT NAME: DAWSON COUNTY SENIOR CENTER FEB 2019 2:15:41 PM

FILENAME: C:\Users\jstiles\Documents\SJK\_DAWSON SENIOR CENTER\_MECH\_1ST LVL INCR AS.rvt

PLUMBING KEYNOTES	
Key Value	Keynote Text
1	CONTRACTOR SHALL PROVIDE FULL SIZE DIRT LEG WITH GAS COCK, UNION AT GAS FIRED AHU. REFER TO GAS PIPING DETAIL #4 ON SHEET P-500. (TYPICAL).
2	CONTRACTOR SHALL PROVIDE FULL SIZE DIRT LEG WITH GAS COCK, UNION AT GAS FIRED WATER HEATER AND EXTEND 1" GAS PIPING TO WATER HEATER. COORDINATE ROUTING OF PIPING WITH OTHER TRADES.
3	CONTRACTOR SHALL PROVIDE FULL SIZE DIRT LEG WITH GAS COCK, UNION AT GAS FIRED RANGE. REFER TO GAS PIPING DETAIL #2 ON SHEET P-500. (TYPICAL).
4	CONTRACTOR SHALL PROVIDE FULL SIZE DIRT LEG WITH GAS COCK, UNION AT MAKE-UP AIR UNIT AND EXTEND 3/4" GAS PIPING TO MAKE-UP AIR UNIT. COORDINATE ROUTING OF PIPING WITH OTHER TRADES.
5	GAS METER ARE PROVIDED AND INSTALLED BY GAS COMPANY. CONNECTED LOAD IS 1093 MBH AND DELIVERY PRESSURE IS 7" WC. THE PLUMBING CONTRACTOR SHALL COORDINATE WITH GAS UTILITY FOR EXACT METER LOCATION AND UNDERGROUND GAS SERVICE PIPING INSTALLATION. PROVIDE AND EXTEND THE GAS PIPING TO THE BUILDING AS REQUIRED FOR COMPLETE INSTALLATION.
6	CONNECT DOWNSPOUT TO 4" STORM PIPING. REFER TO DETAIL #5 ON SHEET P-501 FOR MORE INFORMATION AND CIVIL PLANS FOR PIPE CONTINUATION.
7	REFER TO SHEET P-501 DETAIL #5.
8	REFER TO SHEET P-501 DETAIL #6.
9	SLEEVE PIPE THROUGH CONCRETE FOOTING.

GENERAL NOTES:  
A. PROVIDE GAS PIPING WITH SEISMIC SUPPORTS.



**1 PLUMBING - LEVEL 1 FLOOR PLAN - STORM WATER & GAS**  
P-130 1/8" = 1'-0"

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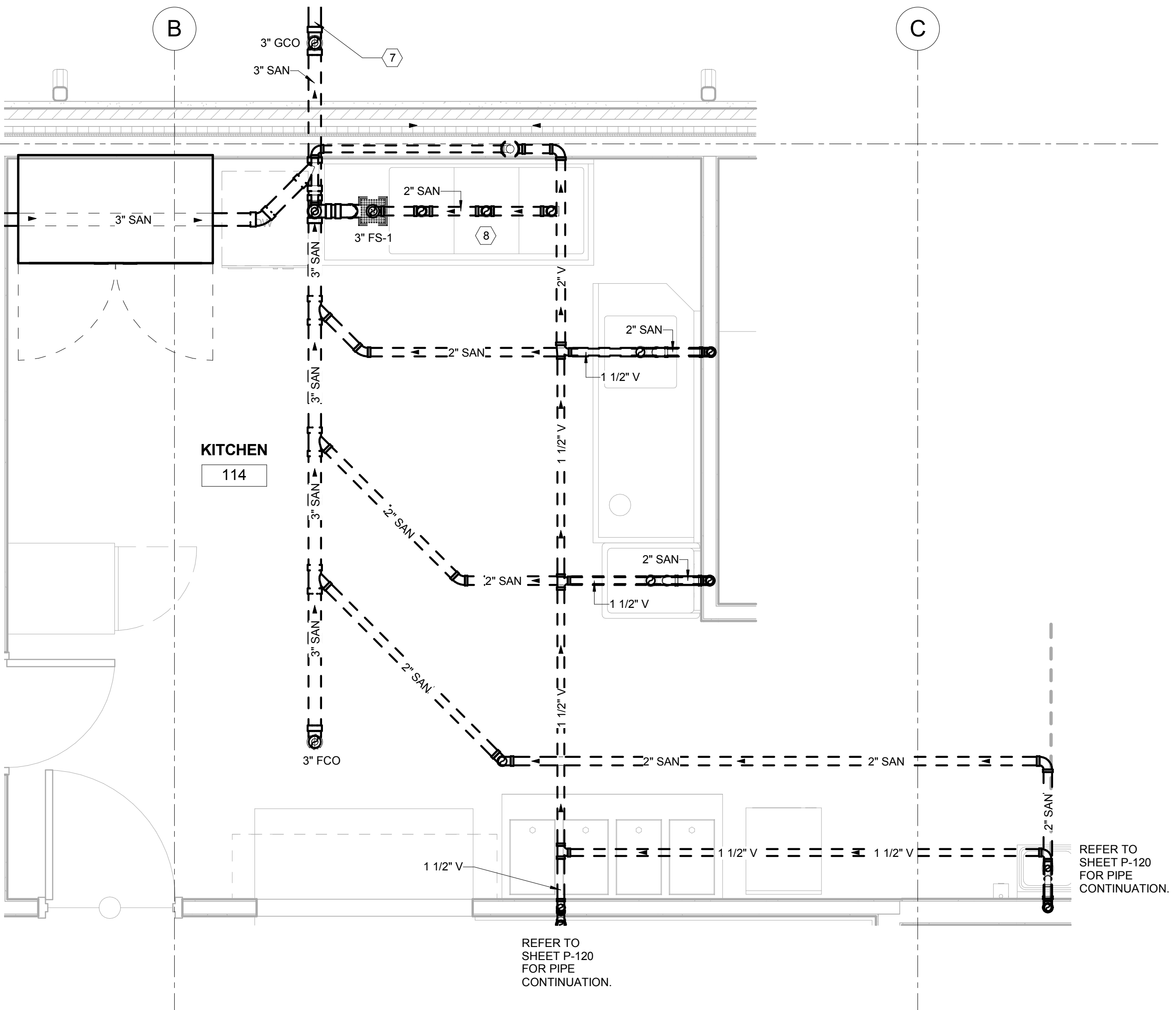
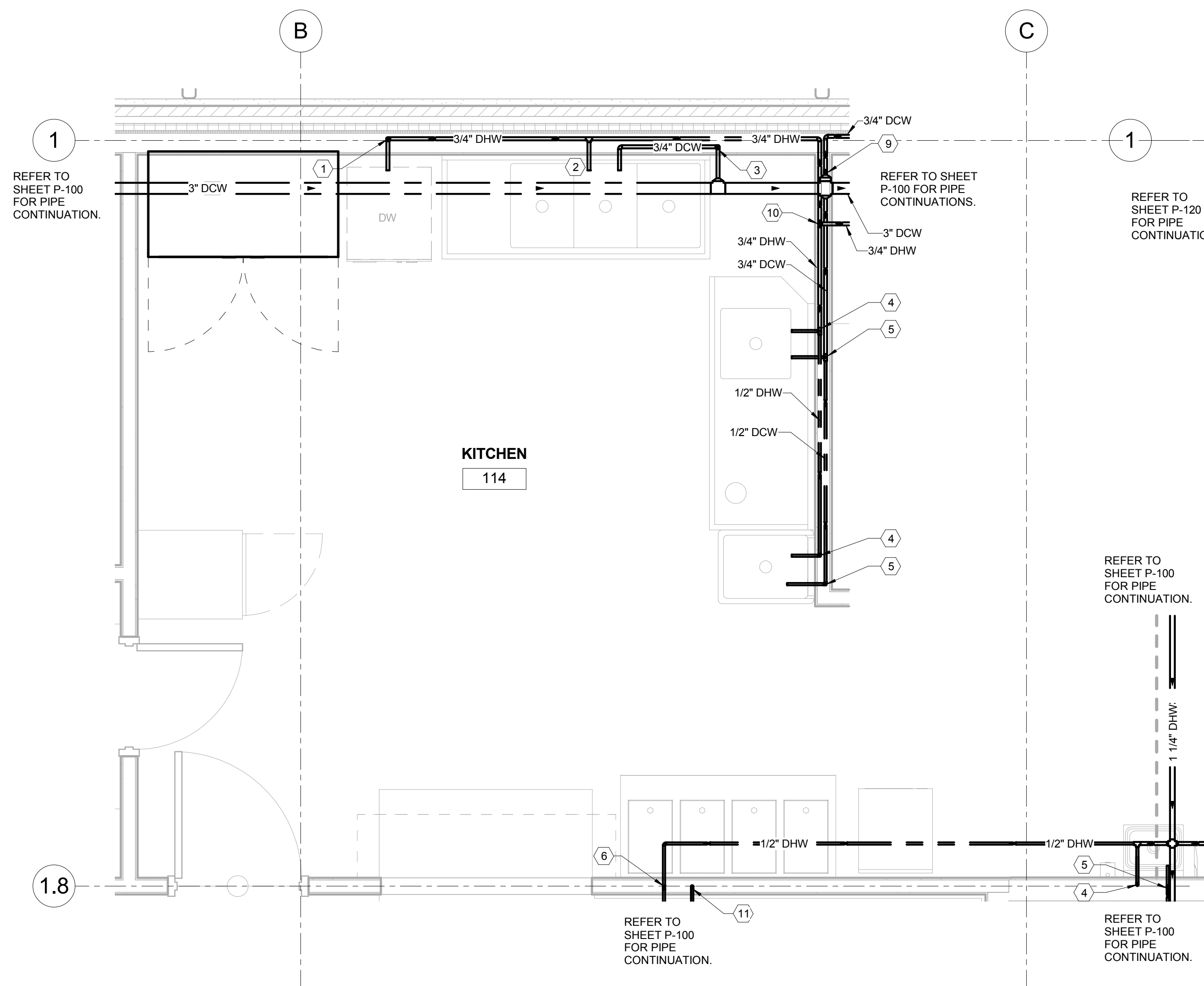
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DATE 02/04/2019

PROJECT NUMBER 2018009

SHEET TITLE  
**PLUMBING - LEVEL 1 FLOOR PLAN - STORM WATER & GAS**

SHEET NUMBER  
**P-130**



**1 PLUMBING - ENLARGED KITCHEN - DOMESTIC WATER**  
P-400 1/2" = 1'-0"

**2 PLUMBING - ENLARGED KITCHEN - SANITARY**  
P-400 1/2" = 1'-0"

PLUMBING KEYNOTES	
Key Value	Keynote Text
1	3/4" HW DROP WITH SHUT-OFF TO DISH WASHER.
2	3/4" HW WITH SHUT-OFF TO THREE-COMPARTMENT SINK.
3	3/4" CW DROP WITH SHUT-OFF TO THREE COMPARTMENT SINK.
4	1/2" HW DROP WITH SHUT-OFF TO SINGLE COMPARTMENT SINK.
5	1/2" CW DROP WITH SHUT-OFF TO SINGLE COMPARTMENT SINK.
6	1/2" HW DROP WITH SHUT-OFF TO LAVATORY.
7	3" GREASE SERVICE BELOW GRADE. REFER TO CIVIL PLAN FOR CONTINUATION.
8	REFER TO DETAIL #2 ON SHEET P-501 FOR SANITARY ROUTING OF THREE-COMPARTMENT SINK.
9	3/4" CW DROP WITH SHUT-OFF TO WALL HYDRANT. REFER TO DETAIL #3 ON SHEET P-500 FOR MORE INFORMATION.
10	3/4" HW DROP.
11	1/2" CW DROP WITH SHUT-OFF TO LAVATORY.

**GENERAL NOTES:**

- FOR MORE INFORMATION REGARDING KITCHEN EQUIPMENT REFER TO KITCHEN PLANS BY ARCHITECT.



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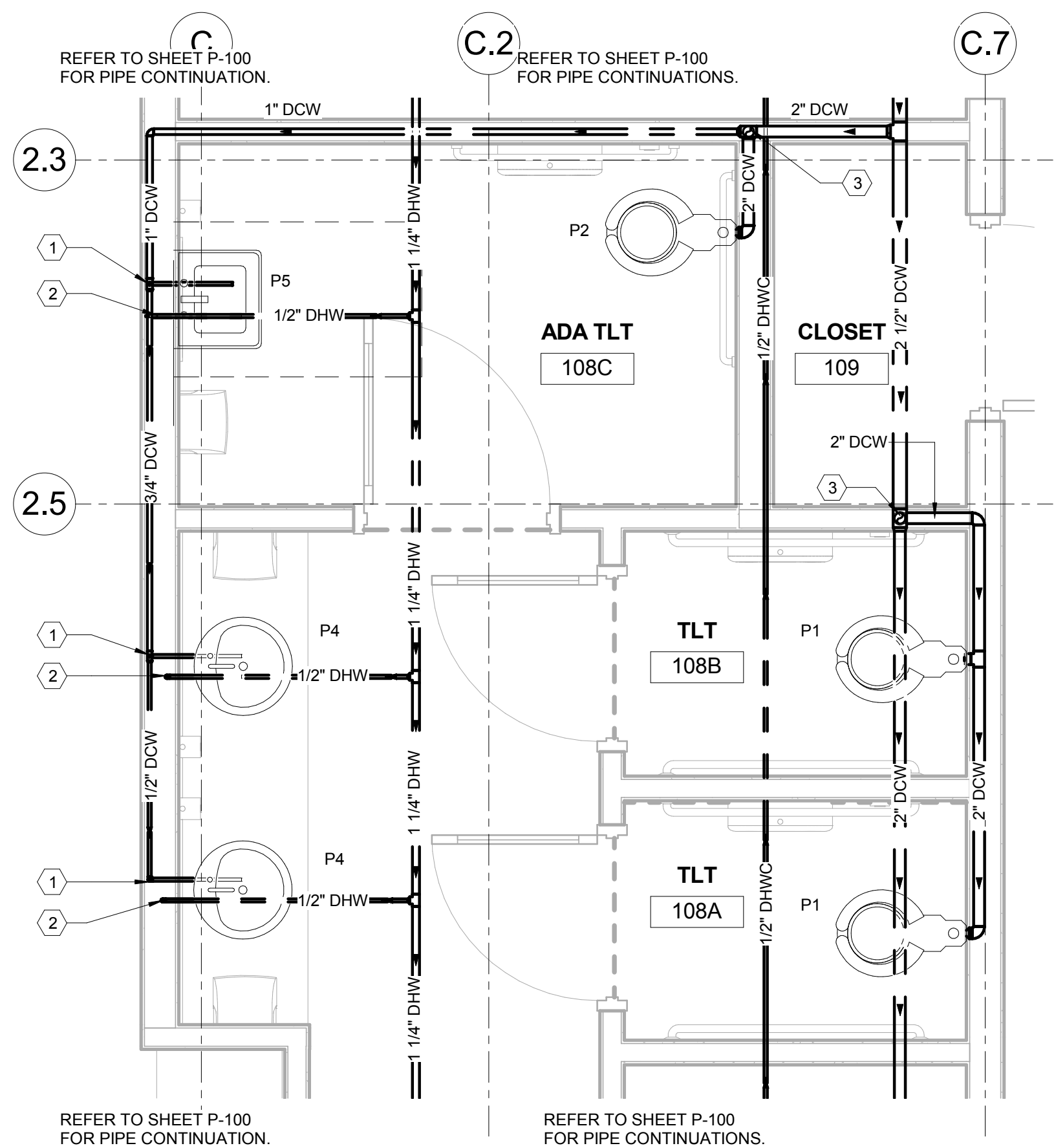
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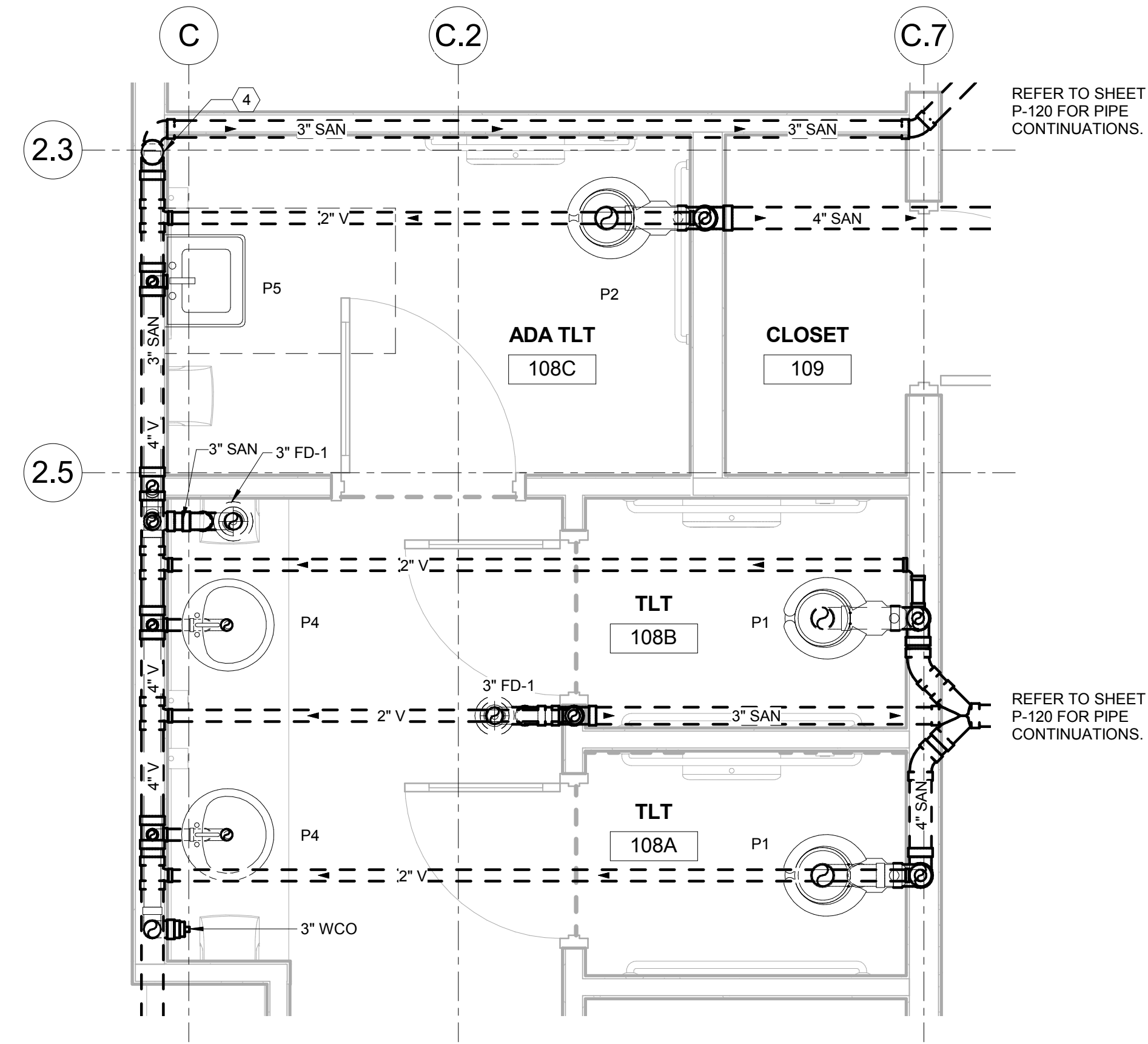
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PROJECT NUMBER 2018009

SHEET TITLE  
**PLUMBING - ENLARGED PART PLANS**

SHEET NUMBER  
**P-400**

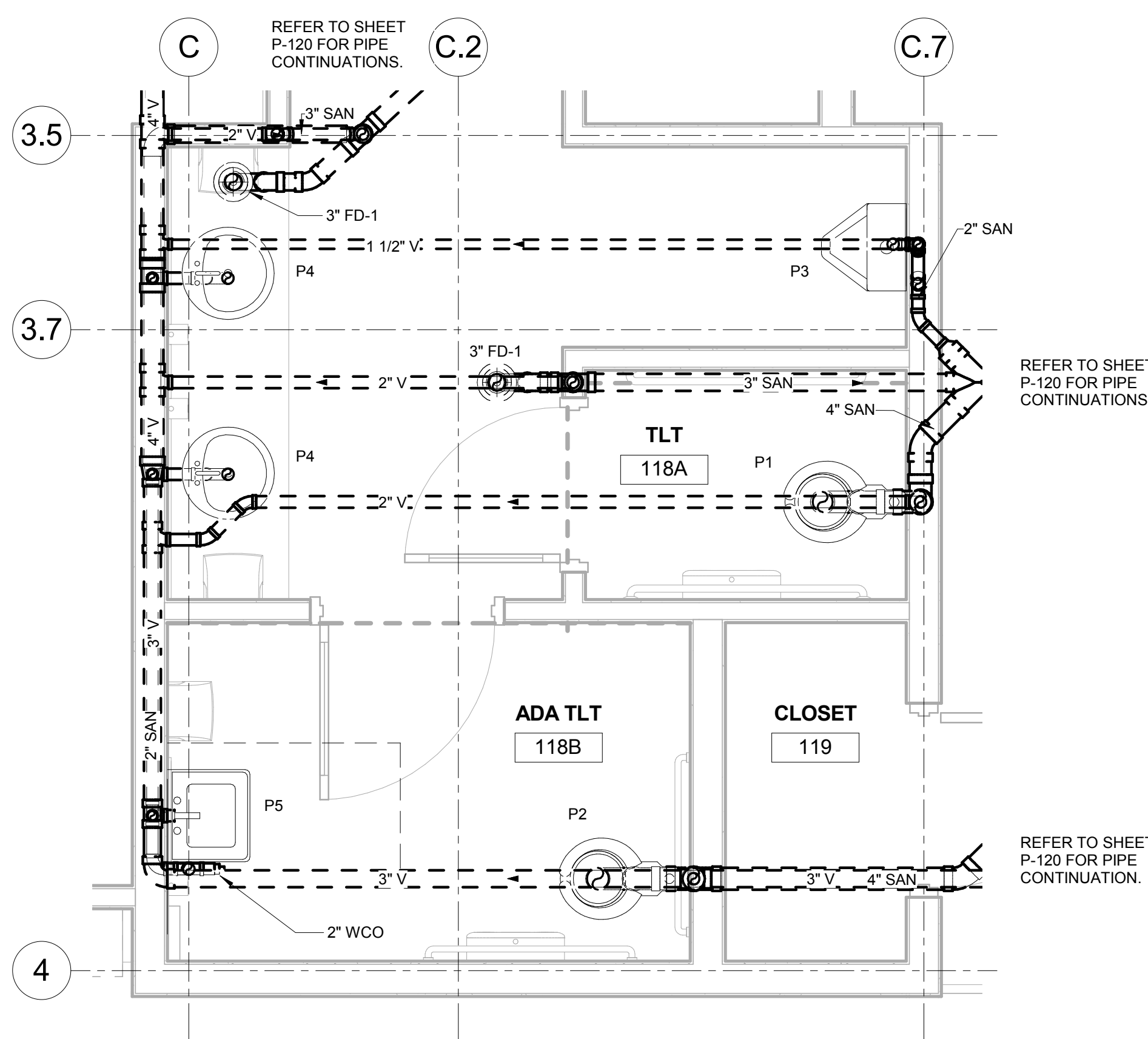
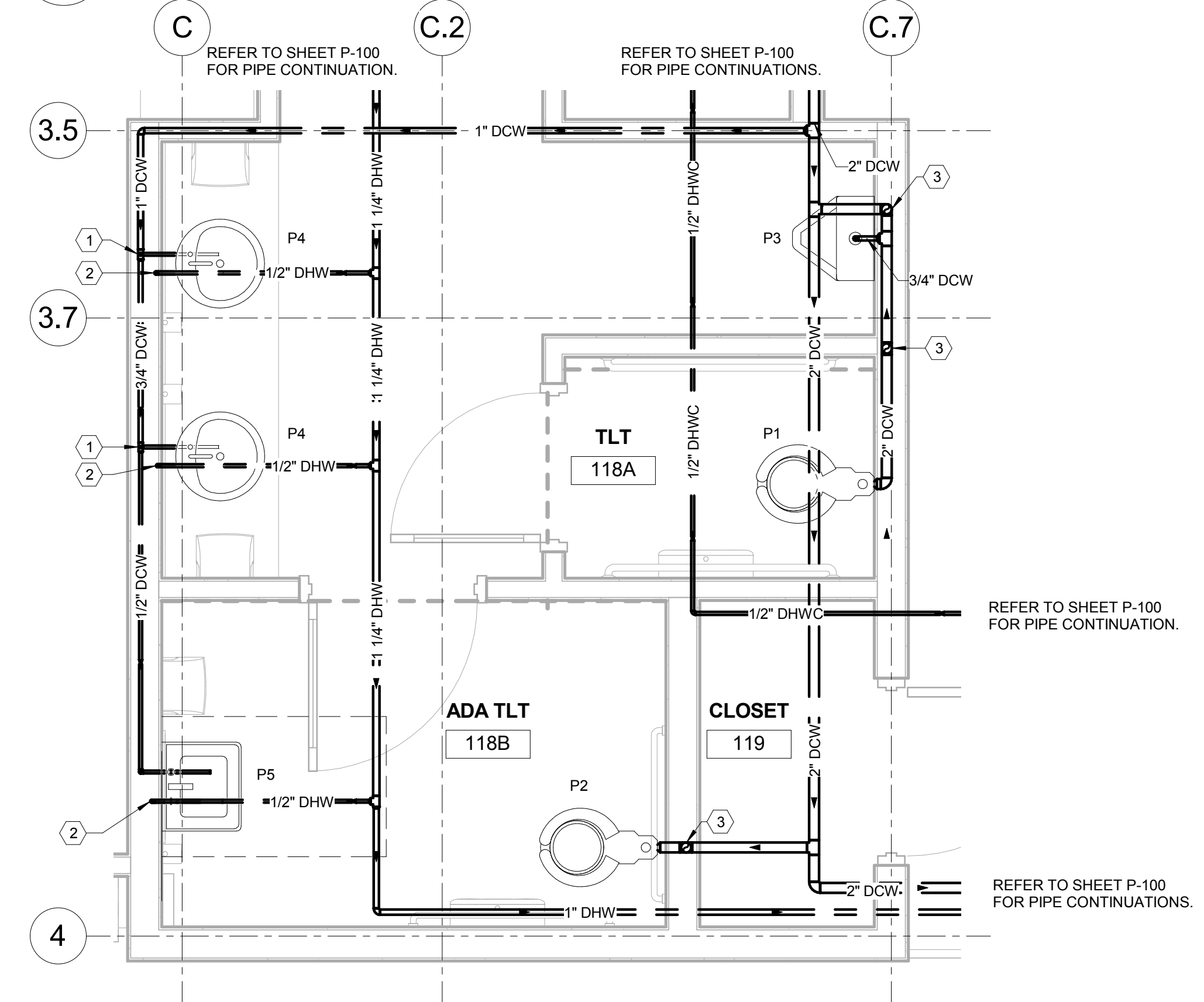


PLUMBING KEYNOTES	
Key Value	Keynote Text
1	1/2" CW DROP WITH SHUT-OFF TO LAVATORY.
2	1/2" HW DROP WITH SHUT-OFF TO LAVATORY.
3	2" CW DROP.
4	4" VENT THRU ROOF. REFER TO DETAIL #7 ON SHEET P-500.



**1 PLUMBING - ENLARGED WOMEN'S RESTROOMS - DOMESTIC**  
P-401 1/2" = 1'-0"

**2 PLUMBING - ENLARGED WOMEN'S RESTROOMS - SANITARY**  
P-401 1/2" = 1'-0"



**3 PLUMBING - ENLARGED MEN'S RESTROOMS - DOMESTIC**  
P-401 1/2" = 1'-0"

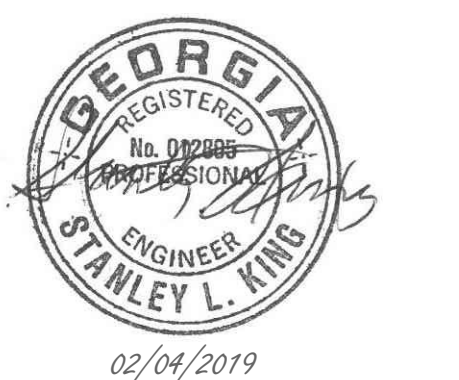
**4 PLUMBING - ENLARGED MEN'S RESTROOMS - SANITARY**  
P-401 1/2" = 1'-0"



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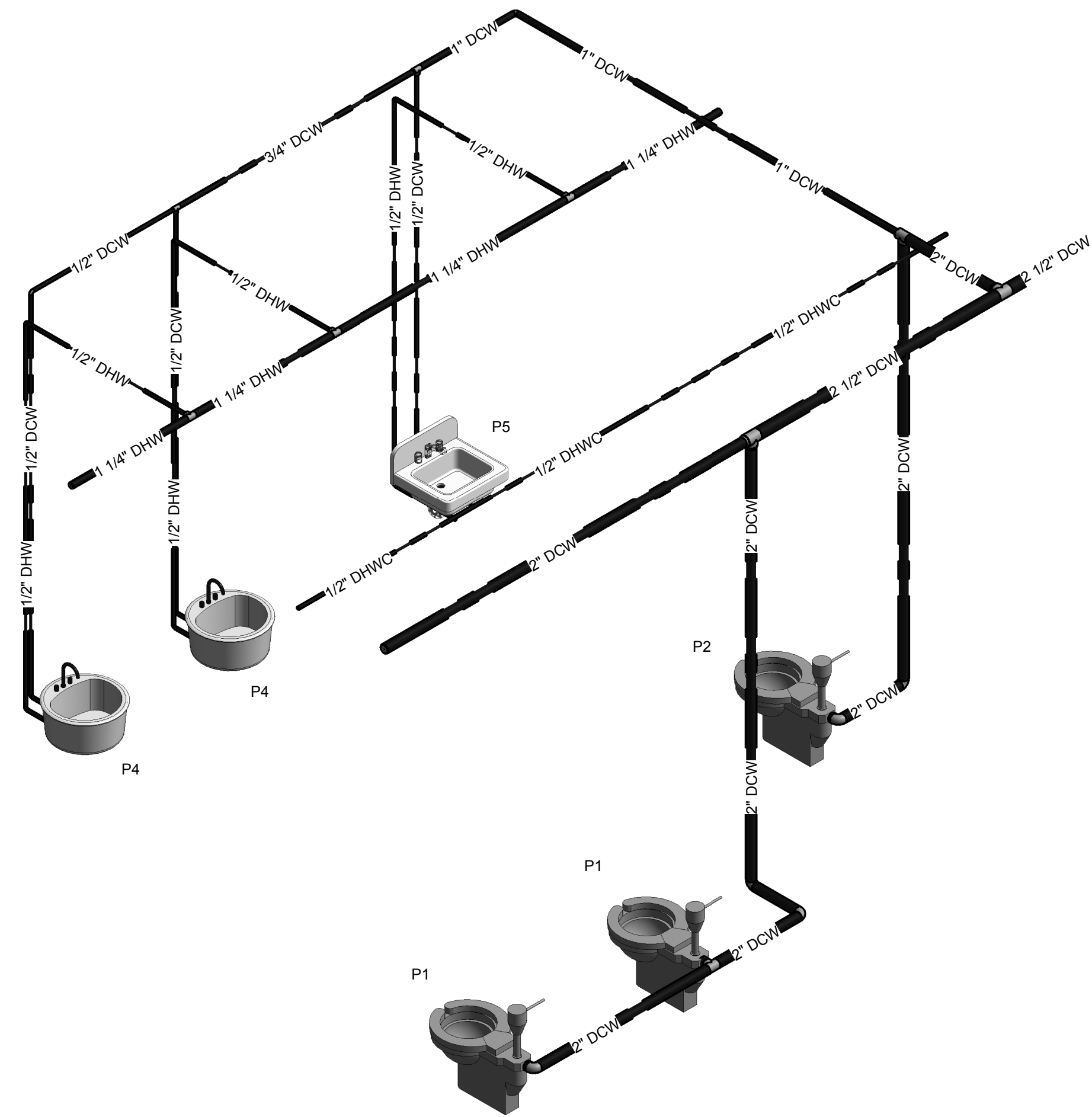
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**PLUMBING - ENLARGED PART PLANS**

SHEET NUMBER  
**P-401**

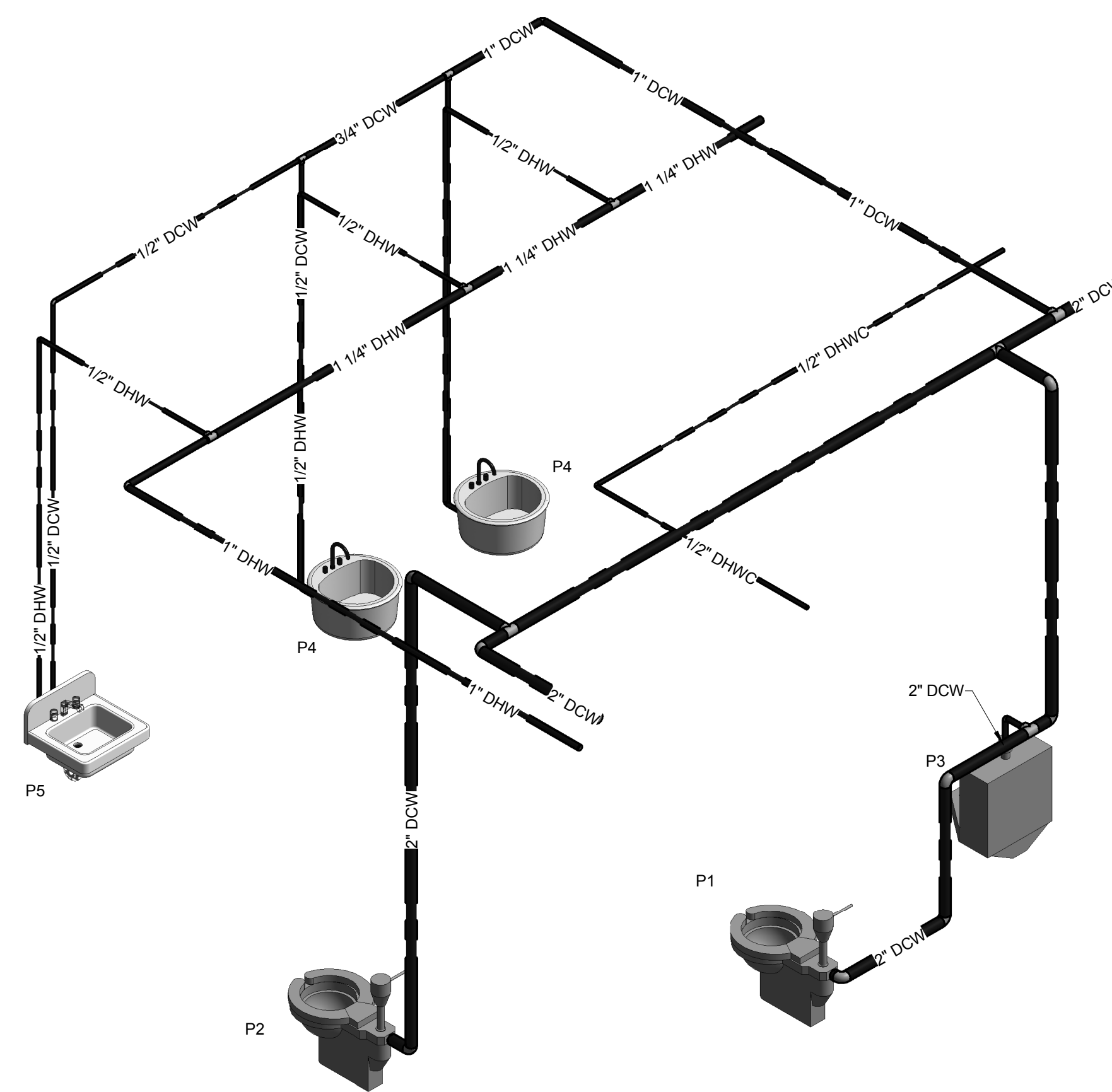








1 PLUMBING - WOMEN'S RESTROOMS - DOMESTIC RISER  
P-700



2 PLUMBING - MEN'S RESTROOMS - DOMESTIC RISER  
P-700



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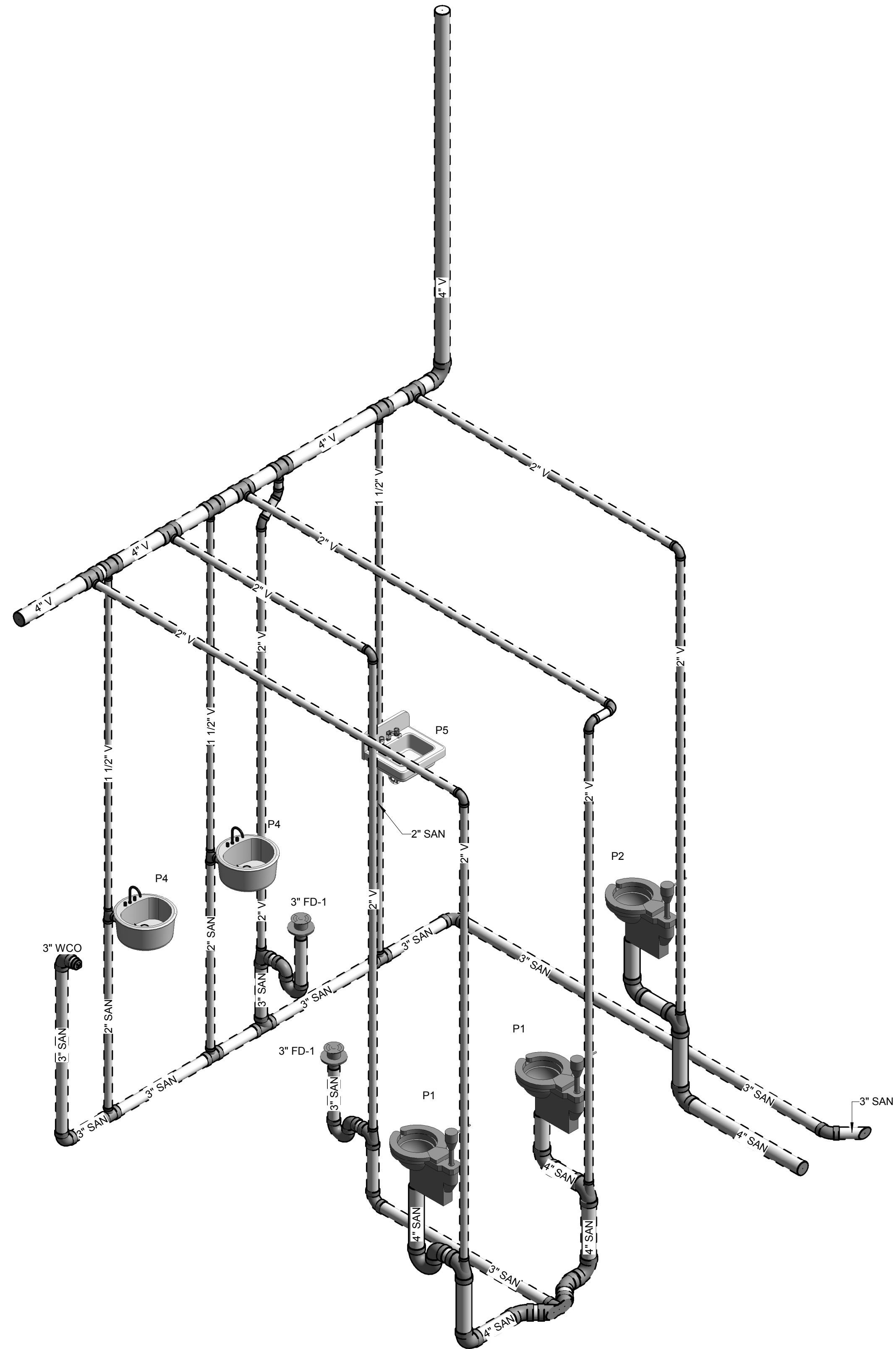
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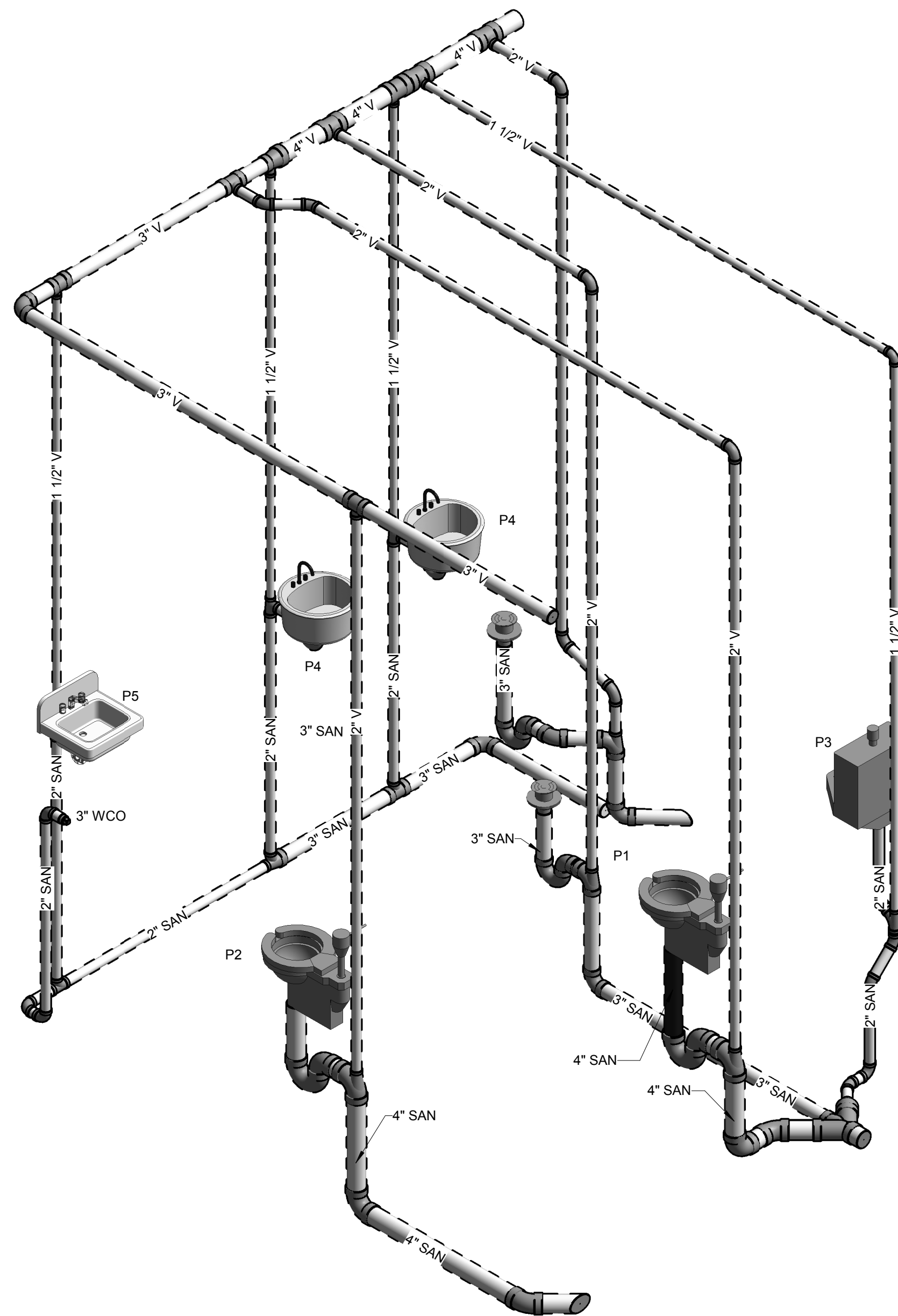
PROJECT NUMBER 2018009

SHEET TITLE  
**PLUMBING -  
DOMESTIC RISER  
DIAGRAM**

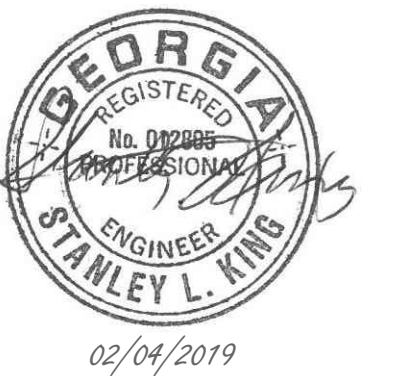
SHEET NUMBER  
**P-700**



1 PLUMBING - WOMEN'S RESTROOMS - SANITARY RISER  
P-720



2 PLUMBING - MEN'S RESTROOMS - SANITARY RISER  
P-720



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SHEET TITLE  
**PLUMBING -  
SANITARY RISER  
DIAGRAM**

SHEET NUMBER  
**P-720**



GENERAL NOTES

- 1. SCOPE: CONTRACT DRAWINGS FOR ELECTRICAL WORK ARE DIAGRAMMATIC INTENDED TO CONVEY SCOPE AND GENERAL ARRANGEMENT. CONTRACTOR SHALL FURNISH ALL LABOR, EQUIPMENT AND MATERIALS NECESSARY FOR THE INSTALLATION OF THE COMPLETE ELECTRICAL SYSTEM AS SPECIFIED HEREIN AND SHOWN ON THE CONTRACT DRAWINGS. OUTLINE DESCRIPTION AND DIAGRAMMATIC REPRESENTATION OF SYSTEM OPERATION AND EQUIPMENT DOES NOT LIMIT CONTRACTOR LIABILITY FOR PROVIDING COMPLETE AND OPERABLE SYSTEMS. IN CASE OF ANY OBSERVED DISCREPANCIES OR OMISSIONS ON THE DRAWINGS AND/OR SPECIFICATIONS, CONTRACTOR SHALL NOTIFY THE ENGINEER OF SUCH CONDITIONS PRIOR TO BID. OTHERWISE, IT WILL BE UNDERSTOOD THAT THE DRAWINGS AND SPECIFICATIONS ARE CLEAR AS TO WHAT IS INTENDED AND SHALL BE INDICATED BY THE ENGINEER.
2. APPLICABLE CODES: ALL WORK INSTALLED UNDER THIS CONTRACT SHALL BE IN STRICT CONFORMANCE WITH THE LATEST EDITIONS OF THE FOLLOWING CODES, AND ALL APPLICABLE STANDARDS AND REQUIREMENTS:
- NATIONAL ELECTRICAL CODE
- UNDERWRITERS LABORATORIES INC.
- NATIONAL FIRE PROTECTION ASSOCIATION
- AMERICANS WITH DISABILITIES ACT
- ALL APPLICABLE STATE, COUNTY, AND LOCAL CODES
- ALL LOCAL UTILITY CODES
3. PERMITS: THE CONTRACTOR SHALL INCLUDE IN THE BID PRICE THE PAYMENT OF ALL NECESSARY PERMITS. PROVIDE THE OWNER PRIOR TO THE FINAL PAYMENT A CERTIFICATE FROM THE ELECTRICAL INSPECTION DEPARTMENT SENT HAVING JURISDICTION OVER THE ELECTRICAL WORK MEETING THE REQUIREMENTS OF THE LOCAL INSPECTION AUTHORITIES AND/OR THE NATIONAL BOARD OF FIRE UNDERWRITERS.
4. VERIFICATION: IN CASES OF DOUBT AS TO THE WORK INTENDED, OR IN THE EVENT OF NEED FOR EXPLANATION THEREOF, THE CONTRACTOR SHALL REQUEST SUPPLEMENTARY INSTRUCTIONS FROM THE ENGINEER. NO CHANGES ARE TO BE MADE TO THE WORK OF THIS CONTRACT WITHOUT PRIOR KNOWLEDGE AND APPROVAL OF THE ENGINEER. THE CONTRACTOR SHALL HOLD THE OWNER AND ITS CONSULTANTS HARMLESS AGAINST ALL CLAIMS AND JUDGMENTS ARISING OUT OF THE CONTRACTORS PERFORMANCE OF THE WORK OF THIS CONTRACT. THE CONTRACTOR SHALL NOT PROCEED WITH ANY WORK, WHICH HE EXPECTS ADDITIONAL COMPENSATION BEYOND THE CONTRACT AMOUNT, WITHOUT WRITTEN AUTHORIZATION FROM THE APPROPRIATE AUTHORITY. FAILURE TO OBTAIN SUCH AUTHORIZATION SHALL INVALIDATE ANY CLAIM FOR EXTRA COMPENSATION.
5. COORDINATION: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO COORDINATE THE WORK AND EQUIPMENT SPECIFIED HEREIN WITH THE WORK TO BE PERFORMED AND EQUIPMENT TO BE FURNISHED BY OTHERS TO ASSURE A COMPLETE AND SATISFACTORY INSTALLATION MEETING WITH THE APPROVAL OF THE ENGINEER.
6. MATERIALS AND SUBSTITUTIONS: THE CONTRACTOR SHALL SUBMIT A LIST OF ELECTRICAL MATERIAL MANUFACTURERS TO THE OWNER/ENGINEER FOR APPROVAL. PRIOR TO ORDERING AND/OR INSTALLATION, NO SUBSTITUTIONS WILL BE ALLOWED WITHOUT PERMISSION OF THE ENGINEER IN WRITING. THE COST OF ANY REDESIGNING CAUSED BY UNAUTHORIZED SUBSTITUTION SHALL BE ASSUMED BY THE CONTRACTOR.
7. SCHEDULING: THE CONTRACTOR SHALL COORDINATE WITH THE OWNER FOR ALL SCHEDULING OF WORK.
8. ALL WORK SHALL BE INSTALLED IN A NEAT AND WORKMANLIKE MANNER.
9. THE CONTRACTOR SHALL KEEP THE WORK SITE AND SURROUNDING AREA FREE FROM ACCUMULATION OF WASTE MATERIALS OR RUBBISH GENERATED BY WORK FROM THIS CONTRACT. CONTRACTOR SHALL PROPERLY AND LEGALLY DISPOSE OF ALL MATERIALS. CONTRACTOR SHALL TAKE NECESSARY PRECAUTIONS TO PROTECT BUILDING OCCUPANTS AND CONTENTS, AND PREVENT THE SPREAD OF DUST AND DIRT INTO OCCUPIED AREAS.
10. THE CONTRACTOR SHALL BE AWARE OF ALL FLASH HAZARD REQUIREMENTS FOR THIS PROJECT. PROTECTIVE EQUIPMENT SHALL BE WORN, WHERE APPLICABLE, AND PRACTICES SHALL BE FOLLOWED IN ACCORDANCE WITH FLASH HAZARD LEVEL.
11. THE CONTRACTOR SHALL PROVIDE ACCESS HATCHES WHERE REQUIRED FOR INACCESSIBLE CEILINGS, WALLS, FLOORS, ETC.
12. SAFETY: ALL JOB SITE SAFETY IS THE RESPONSIBILITY OF THE CONTRACTOR AND SHALL BE IN STRICT ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REQUIREMENTS.
13. GROUNDING: ALL SYSTEMS SHALL BE GROUNDED AND BONDED IN ACCORDANCE WITH THE REQUIREMENTS OF THE NATIONAL ELECTRICAL CODE, ALL LOCAL CODES, AND EQUIPMENT AS REQUIRED. PROVIDE EQUIPMENT GROUNDING CONDUCTORS FOR ALL FEEDERS AND CIRCUITS.
14. THE CONTRACTOR SHALL VISIT THE SITE AND CAREFULLY EXAMINE ALL EXISTING CONDITIONS THAT MAY AFFECT THE BID. FAILURE TO VISIT THE SITE AND BECOME FAMILIAR WITH EXISTING CONDITIONS PRIOR TO BIDDING WILL NOT ABSOLVE THE CONTRACTOR OF RESPONSIBILITY FOR COMPLYING WITH THE CONTRACT DOCUMENTS.
15. THE CONTRACTOR SHALL PROVIDE ONE ELECTRONIC COPY OF SUBMITTALS INCORPORATING PRODUCT DATA (CATALOG CUTS) AND SHOP DRAWINGS FOR APPROVAL OF ALL MATERIAL TO BE USED ON THIS PROJECT. PRODUCT DATA/SHOP DRAWINGS SHALL BE SUBMITTED FOR ITEMS TO INCLUDE, BUT NOT BE LIMITED TO, THE FOLLOWING AS APPLICABLE FOR THE PROJECT: CONDUCTORS, CABLES, CONDUIT, CONDUIT FITTINGS, CONDUIT BODIES, SUPPORT HARDWARE, DEVICE BOXES, DEVICE COVERS, JUNCTION BOXES, PULL BOXES, ENCLOSURES, SAFETY SWITCHES, FUSES, CIRCUIT BREAKERS, PANELBOARDS, MOTOR CONTROLS, WIRING DEVICES, LIGHTING FIXTURES, IDENTIFICATION LABELS, ETC. PRIOR TO SUBMITTING, CONTRACTOR SHALL REVIEW ALL SUBMITTALS FOR COMPLIANCE WITH CONTRACT DOCUMENTS, CONFLICTS WITH OTHER TRADES, AND IDENTIFY ANY DEVIATIONS IN SUBMITTALS FROM CONTRACT DOCUMENTS. ENGINEER'S REVIEW OF SUBMITTALS DOES NOT INCLUDE REVIEW OF DIMENSIONS, DETAILS, OR QUANTITIES. REVIEW DOES NOT WAIVE ANY REQUIREMENTS OF CONTRACT DOCUMENTS, INCLUDING REQUIREMENT TO PROVIDE A COMPLETE AND FUNCTIONAL SYSTEM.
16. THE CONTRACTOR SHALL MAINTAIN ON SITE A MARKED UP (RED LINED) COMPLETE SET OF PRINTS FOR THE PROJECT AND RECORD ANY CHANGES TO THE ORIGINAL DESIGN. THESE PRINTS SHALL BE SUBMITTED TO THE ENGINEER WITHIN 2 WEEKS OF THE SCHEDULED COMPLETION OF THE PROJECT..
17. PROVIDE THREE (3) COPIES OF OPERATION AND MAINTENANCE (O&M) MANUALS FOR ALL NEW EQUIPMENT AND DEVICES INSTALLED AS PART OF THIS WORK. MANUALS SHALL INCLUDE THE FOLLOWING ITEMS BOUND IN A SUBSTANTIAL BINDER:
- SUBMITTAL DATA STATING EQUIPMENT RATING AND SELECTED OPTIONS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE.
- O&M MANUALS FOR EACH PIECE OF EQUIPMENT REQUIRING MAINTENANCE. REQUIRED ROUTINE MAINTENANCE ACTIONS SHALL BE CLEARLY IDENTIFIED.
- SPARE PARTS LISTS FOR ALL EQUIPMENT.
- NAME AND ADDRESS OF AT LEAST ONE QUALIFIED SERVICE AGENCY.

ELECTRICAL NOTES

- 1. WHEN MOUNTING ELECTRICAL WORK IN AREAS SUBJECT TO PEDESTRIAN TRAFFIC, CONTRACTOR SHALL MAINTAIN EXISTING HEADROOM CLEARANCES. THE CONTRACTOR SHALL PROVIDE AND INSTALL ALL NECESSARY SUPPORTS AND HARDWARE FOR MOUNTING OF ELECTRICAL EQUIPMENT INCLUDED IN THIS PROJECT. MOUNTING HEIGHTS AND RESTRICTIONS SHALL BE PER N.E.C. REQUIREMENTS.
2. ALL ELECTRICAL MATERIALS AND EQUIPMENT SHALL BE UL OR ETL LISTED AND SHALL CONFORM TO FACTORY MUTUAL STANDARDS AS APPLICABLE.
3. ALL WIRING SHALL BE INSTALLED PER PROJECT SPECIFICATIONS.
4. UNLESS OTHERWISE NOTED, ALL CONDUCTORS SHALL BE COPPER #12 AWG AND SHALL BE RATED AT 600V OR GREATER. REFER TO ELECTRICAL SPECIFICATION FOR ALL OTHER REQUIREMENTS.
5. UNLESS OTHERWISE NOTED CONDUCTORS FOR BRANCH CIRCUITS SHALL BE SIZED TO PREVENT VOLTAGE DROP EXCEEDING 3% FOR BRANCH CIRCUITS AND 2% AT FEEDER CIRCUITS AT THE FARTHEST POINT. HOMERUN BRANCH CIRCUIT CONDUCTORS SHALL BE SIZED FROM THE PANELBOARD TO THE FIRST OUTLET IN ACCORDANCE WITH THE FOLLOWING MAXIMUM CIRCUIT LIMITS, USING CENTER OF LOAD SERVED AS BASIS FOR COMPUTING CIRCUIT LENGTHS:
#12 AWG 120 VOLT (20A) 100FT #10 AWG 120 VOLT (20A) 165FT
6. WHERE BRANCH CIRCUIT HOMERUNS ARE NOT SHOWN, THE CONTRACTOR MAY COMBINE CIRCUITS IN ACCORDANCE WITH THE NEC AS FOLLOWS:
A. ALL SINGLE PHASE CIRCUITS SHALL HAVE A DEDICATED NEUTRAL.
B. MAXIMUM OF THREE 20A, 1-POLE BRANCH CIRCUITS MAY BE COMBINED IN A COMMON HOMERUN FOR A TOTAL OF SIX CURRENT CARRYING CONDUCTORS IN A SINGLE HOMERUN.
C. ALL BRANCH CIRCUITS LARGER THAN 20A SHALL BE SEPARATELY HOMERUN TO PANEL.
7. LABELING: THE CONTRACTOR SHALL PROVIDE IDENTIFICATION LABELING OF CIRCUITS, WIRING DEVICES, CONDUIT AND CONDUCTORS AS FOLLOWS:
A. THE CONTRACTOR SHALL PROVIDE NEW TYPEWRITTEN PANEL SCHEDULES FOR ALL PANELS INVOLVED IN THE PROJECT INCLUDING EXISTING PANELS.
B. ALL INDIVIDUAL CONDUCTORS WITHIN PULL BOXES, JUNCTION BOXES AND AT POINTS OF USE SHALL BE IDENTIFIED BY PANEL AND CIRCUIT NUMBERS. CONDUCTORS SHALL BE IDENTIFIED VIA HEAT SHRINK IDENTIFICATION LABELS. COLOR CODE SHALL FOLLOW N.E.C. AND STANDARD U.S. CONVENTIONS.
C. ALL PULL BOXES AND JUNCTION BOXES ENCLOSING FEEDERS, SUB-FEEDERS AND BRANCH CIRCUITS SHALL IDENTIFY THE CIRCUITS WITHIN BY PANEL AND CIRCUIT NUMBERS. IDENTIFICATION SHALL BE ACCOMPLISHED VIA 1/4 INCH "P-TOUCH" (CLEAR W/ BLACK) LABELS AFFIXED TO COPPER PLATES.
D. ALL WIRING DEVICES (RECEPTACLES, TOGGLE SWITCHES, ETC.) AFFECTED BY THIS PROJECT SHALL HAVE 1/4 INCH "P-TOUCH" (CLEAR W/BLACK) LABELS AFFIXED TO COVER PLATES. CONNECTED BRANCH CIRCUITS SHALL BE IDENTIFIED BY PANEL AND CIRCUIT NUMBERS.
E. ALL EMERGENCY EGRESS LIGHTING SHALL HAVE 1/4 INCH "P-TOUCH" (WHITE W/RED) LABELS THAT READ "EMER".
F. ALL PANELBOARDS, SAFETY SWITCHES, MOTOR CONTROLS, CONTROL CABINETS, ETC. SHALL HAVE BLACK LAMINATED PLASTIC IDENTIFICATION PLATES WITH WHITE LETTERS INDICATING VOLTAGE CONTAINED WITHIN, EQUIPMENT SERVED AND POWER SOURCE (PANEL AND CIRCUIT NUMBER). REFER TO EXAMPLES AS LISTED BELOW:
SAFETY SWITCH: PANEL BOARD:
CU- PANEL "PPA"
200V, 3Ø 120/208V, 3Ø, 4W
FED FROM PP-1,3,5 FED VIA METER "X" IN ELEC RM
8. UNLESS OTHERWISE INDICATED, ALL HVAC STARTERS, VFD'S, CONTROL DEVICES, CONTROL WIRING AND CONTROL CONDUIT SHALL BE PROVIDED AS REQUIRED UNDER MECHANICAL DIVISION. ALTHOUGH THEY MAY NOT BE SHOWN ON THE MECHANICAL OR ELECTRICAL DRAWINGS, BRANCH CIRCUIT BREAKERS, POWER WIRING, POWER CONDUIT AND THE LOCAL DISCONNECTING MEANS SHALL BE PROVIDED UNDER ELECTRICAL DIVISION. PROVIDE "HACR" TYPE CIRCUIT BREAKERS FOR ALL CIRCUITS SUPPLYING HVAC EQUIPMENT. CIRCUIT BREAKER, WIRING AND CONDUIT SIZES INDICATED ON THE ELECTRICAL DRAWINGS ARE BASED ON SPECIFIC MECHANICAL EQUIPMENT DESIGN SELECTIONS. WHEN THE ACTUAL MECHANICAL EQUIPMENT SUPPLIED HAS DIFFERENT ELECTRICAL REQUIREMENTS, THE MECHANICAL, DIVISION AND ELECTRICAL DIVISION INSTALLERS MUST COORDINATE ANY CHANGES. WHEN THE MECHANICAL EQUIPMENT MANUFACTURER REQUIRES FUSE-ONLY PROTECTION, THE LOCAL DISCONNECTING MEANS SHALL BE A FUSED DISCONNECT, FUSED AS PER THE RECOMMENDATION OF THE MANUFACTURER. WHEN DISCONNECTS ARE SHIPPED LOOSE WITH THE MECHANICAL EQUIPMENT, THEY SHALL BE INSTALLED BY THE ELECTRICAL CONTRACTOR. ALL COORDINATION BETWEEN THE MECHANICAL DIVISION AND ELECTRICAL DIVISION INSTALLERS SHALL BE FINALIZED PRIOR TO BID. ALL REQUIRED CHANGES SHALL BE AT NO ADDITIONAL COST TO THE OWNER.
9. ALL ELECTRICAL WORK SHALL BE CONCEALED IN ALL FINISHED AREAS SHOWN ON THE ARCHITECTURAL DRAWINGS. CONDUIT MAY BE EXPOSED ON SURFACE OF MASONRY BRICK OR CONCRETE WALLS AND WITHIN MECHANICAL AND/OR ELECTRICAL ROOMS AND CLOSETS.
10. ELECTRICAL SERVICE PROVISIONS: THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ELECTRICAL SERVICE FROM THE LOCAL UTILITY. ALL COORDINATION AND SCHEDULING WITH THE UTILITY IS THE RESPONSIBILITY OF THE CONTRACTOR. THE CONTRACTOR IS RESPONSIBLE FOR PAYMENT OF ALL SERVICE FEES CHARGED BY THE UTILITY. THE CONTRACTOR SHALL PROVIDE ALL EQUIPMENT, MATERIALS AND WORK AS REQUIRED BY THE UTILITY FOR COMPLETE AND FUNCTIONAL ELECTRICAL SERVICES. ALL COSTS ASSOCIATED WITH THE PROVISION FOR THE SERVICES ARE TO BE INCLUDED IN THE CONTRACTOR'S BID PRICE.
11. EQUIPMENT LOCATIONS: THE CONTRACTOR SHALL REFER TO THE ARCHITECTURAL DRAWINGS FOR EXACT LIGHT FIXTURE LOCATIONS AND THE MECHANICAL DRAWINGS FOR EXACT MECHANICAL EQUIPMENT LOCATIONS. LOCATIONS OF ALL ELECTRICAL EQUIPMENT & CONDUIT ARE SHOWN DIAGRAMMATICALLY. EXACT LOCATIONS TO BE DETERMINED IN FIELD BY CONTRACTOR, WHEREVER POSSIBLE. THE CONTRACTOR SHALL OBTAIN ACTUAL ROUGH-IN DRAWINGS FOR THE ACTUAL ITEM OF EQUIPMENT TO BE INSTALLED PRIOR TO ROUGH-IN. THIS SHALL APPLY TO ALL EQUIPMENT, WHETHER IT IS TO BE INSTALLED BY THE CONTRACTOR OR BY THE OWNER.
12. CLEARANCES: ARRANGE CONDUIT, WIRING, EQUIPMENT AND OTHER WORK GENERALLY AS SHOWN, PROVIDING PROPER CLEARANCE AND ACCESS. CAREFULLY EXAMINE ALL CONTRACT DRAWINGS AND COORDINATE THE WORK WITH ALL TRADES. WHERE DEPARTURES ARE PROPOSED BECAUSE OF FIELD CONDITIONS OR OTHER CAUSES, PREPARE AND SUBMIT DETAILED DRAWINGS FOR ACCEPTANCE.
13. GUARANTEE: THE ENTIRE ELECTRICAL INSTALLATION, MATERIAL AND WORKMANSHIP SHALL BE GUARANTEED FOR A PERIOD OF ONE YEAR FROM THE DATE OF FINAL ACCEPTANCE. CONTRACTOR SHALL REPAIR AND MAKE GOOD AT THEIR OWN EXPENSE ANY AND ALL DEFECTS WHICH MAY ARISE DURING THAT TIME IF, IN THE JUDGMENT OF THE ENGINEER, SUCH DEFECTS ARISE FROM DEFECTIVE WORKMANSHIP AND/OR IMPERFECT OR INFERIOR MATERIAL.

(NOT ALL SYMBOLS AND ABBREVIATIONS ARE USED ON THIS PROJECT)

ELECTRICAL ABBREVIATIONS

Table with 2 columns: ABBREVIATION and ABBREVIATION. Lists various electrical symbols and their corresponding full names, such as AMPERE, AIR CURTAIN, AVAILABLE FAULT, etc.

Table with 4 columns: P, POLE, PH, PHASE. Lists electrical symbols and their corresponding pole/phase information, such as PNL, PVC, RGS, etc.

SHEET LIST - ELECTRICAL. Table listing sheet numbers (E-001 to E-501) and their descriptions, including general notes, legends, floor plans, riser diagrams, and schedules.



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02/04/2019

DAWSON COUNTY SENIOR CENTER
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ELECTRICAL LEGEND

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	LINEAR LED FIXTURE - RECESSED, SURFACE, OR PENDANT MOUNTED. LETTER INDICATES FIXTURE TYPE. REFER TO LIGHTING PLANS AND FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION.		GFI DUPLEX RECEPTACLE OUTLET IN DUAL-GANG FLUSH-MOUNTED DEVICE BOX WITH SINGLE-GANG TILE RING AND STAINLESS STEEL DEVICE COVER PLATE. COMMERCIAL LED GFCI, 20 AMPERE, 125 VOLT, 2 POLE, 3 WIRE TYPE, NEMA 5-20R PROVIDE HUBBELL CAT. NO. GF20WLA OR APPROVED EQUIVALENT. MOUNT 18" A.F.F. U.O.N. WP INDICATES WEATHERPROOF.		DOOR REQUEST-TO-EXIT (FURNISHED BY SECURITY VENDOR)		KEYNOTE REFERENCE NUMBER, SEE PLANS
	LINEAR LED EMERGENCY EGRESS LIGHTING FIXTURE - RECESSED, SURFACE, OR PENDANT MOUNTED. LETTER INDICATES FIXTURE TYPE. REFER TO LIGHTING PLANS AND FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION. SELECT EMERGENCY BATTERY PACK OPTION.		ABOVE COUNTER GFI DUPLEX RECEPTACLE OUTLET IN DUAL-GANG FLUSH-MOUNTED DEVICE BOX WITH SINGLE-GANG TILE RING AND STAINLESS STEEL DEVICE COVER PLATE. COMMERCIAL LED GFCI, 20 AMPERE, 125 VOLT, 2 POLE, 3 WIRE TYPE, NEMA 5-20R PROVIDE HUBBELL CAT. NO. GF20WLA OR APPROVED EQUIVALENT. MOUNT 6" ABOVE COUNTER TOP TO CENTER, U.O.N.		DOOR CONTACT WITH SECURITY STATUS INDICATOR, SPDT (FURNISHED BY SECURITY VENDOR)		KITCHEN NOTE REFERENCE NUMBER, SEE PLANS
	LED EMERGENCY EGRESS DOWNLIGHT FIXTURE - RECESSED, SURFACE, OR PENDANT MOUNTED. LETTER INDICATES FIXTURE TYPE. REFER TO LIGHTING PLANS AND FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION.		FLUSH-MOUNTED CONCRETE FLOOR BOX. PROVIDE HUBBELL CFB4G25 4-GANG DEEP CONCRETE FLOOR BOX WITH 24GCCVRALU COVER ASSEMBLY. FLOOR BOX TO BE PROVIDED WITH (1) FBMP6KS 6-PORT ETHERNET FACEPLATE, (1) FBMPBNK BLANK FACEPLATE, (2) FBMPDUP DUPLEX OUTLET FACEPLATES, AND (2) HBL5362 DUPLEX OUTLETS.		DOOR CONTACT WITH SECURITY STATUS INDICATOR AND ACCESS CONTROL, SPDT (FURNISHED BY SECURITY VENDOR)		ROOM NUMBER AND NAME
	ILLUMINATED EXIT SIGN - CEILING OR WALL MOUNTED - FACES AND DIRECTIONAL ARROWS AS INDICATED. LETTER INDICATES FIXTURE TYPE. REFER TO LIGHTING PLANS AND FIXTURE SCHEDULE FOR ADDITIONAL INFORMATION.		FLUSH-MOUNTED POKE-THROUGH DEVICE WITH DUPLEX RECEPTACLE. PROVIDE HUBBELL SYSTEM ONE SERIES WITH CAT. NO. S1SP SUB-PLATE, OR APPROVED EQUIVALENT.		ELECTRIC DOOR MAGNETS (FURNISHED BY SECURITY VENDOR)		INDICATES DETAIL NUMBER
	AUXILIARY TRANSFER SWITCH DEVICE FOR CONTROL OF EMERGENCY LIGHTING. PROVIDE GTD20A SERIES AS MANUFACTURED BY BODINE OR APPROVED EQUIVALENT. REFER TO WIRING DIAGRAM 2/E-8.06.		CEILING-MOUNTED FLEXIBLE/PENDANT CORD DROP ASSEMBLY. PROVIDE FOLLOWING COMPONENTS FOR COMPLETE SYSTEM: • STRAIGHT BLADE NEMA 5-20R PLUG CONNECTOR (HUBBELL CAT. NO. HBL5369C OR EQUAL) • 3/4" STRAIN RELIEF WITH STRAIGHT MALE CONNECTOR (HUBBELL CAT. NO. 07401018 OR EQUAL) • 12'-0", SOW/SOOW, 12/3 AWG POWER CORD REFER TO 7/E-8.05		DOOR BELL PUSH BUTTON (FURNISHED BY SECURITY VENDOR)		INDICATES SHEET ON WHICH DETAIL IS DRAWN
	SINGLE-POLE TOGGLE SWITCH AS INDICATED IN DUAL-GANG FLUSH MOUNTED DEVICE BOX WITH SINGLE-GANG TILE RING AND STAINLESS STEEL DEVICE COVER PLATE. SWITCH SHALL BE 20 AMPERE, 1 HP, 120-277 VOLT WITH GROUND SCREW. PROVIDE HUBBELL DECORATOR SERIES CAT. NO. RSD115W OR APPROVED EQUIVALENT. MOUNT 48" A.F.F.		DUPLEX RECEPTACLE, CEILING MOUNTED.		DOOR RELEASE (OPEN) PUSH BUTTON (FURNISHED BY SECURITY VENDOR)		INDICATES SHEET ON WHICH DETAIL TAKEN
	THREE-POLE TOGGLE SWITCH AS INDICATED IN DUAL-GANG FLUSH MOUNTED DEVICE BOX WITH SINGLE-GANG TILE RING AND STAINLESS STEEL DEVICE COVER PLATE. SWITCH SHALL BE EXTRA HEAVY DUTY SPECIFICATION GRADE, 20 AMPERE, 1 HP, 120-277 VOLT WITH GROUND SCREW. PROVIDE HUBBELL CAT. NO. HBL1223W OR APPROVED EQUIVALENT. MOUNT 48" A.F.F. U.O.N.		TELECOMMUNICATION OUTLET (VOICE & DATA) IN DUAL-GANG FLUSH-MOUNTED OUTLET BOX WITH SINGLE GANG PLASTER RING AND (1) 1" EMT CONDUIT CONCEALED IN WALL EXTENDING FROM BOX TO 6" ABOVE CEILING LEVEL. PROVIDE EMT BOX CONNECTOR WITH PLASTIC BUSHING ON CONDUIT END ABOVE CEILING. MOUNT 18" A.F.F. U.O.N. NUMBER NEXT TO DEVICE INDICATES QUANTITY OF CAT-6 CABLE TERMINATIONS.		MOTION SENSOR/DETECTOR (FURNISHED BY SECURITY VENDOR)	<p>LOW VOLTAGE PUSH BUTTON LIGHTING CONTROL IDENTIFICATION:</p> <p>TWO BUTTON EXAMPLE:</p>	
	DIMMER SWITCH CONTROL WITH SLIDE AND PRESET ON/OFF SWITCH - SUITABLE FOR USE WITH 0-10V DIMMABLE LED DRIVERS. PROVIDE HUBBELL DECORATOR SERIES CAT. NO. RDVL600PW OR EQUAL BY BRYANT, LEVITON OR PASS & SEYMOUR COMPATIBILITY WITH DIMMABLE LED LIGHTING FIXTURES PRIOR TO PURCHASING - MOUNT 48" A.F.F. UNLESS OTHERWISE NOTED		MULTIMEDIA OUTLET WITH (2) HDMI AND (2) CAT-6 CABLE TERMINATIONS. PROVIDE DUAL-GANG FLUSH-MOUNTED OUTLET BOX WITH DUAL GANG PLASTER RING AND (1) 2" EMT CONDUIT CONCEALED IN WALL EXTENDING FROM BOX TO 6" ABOVE CEILING LEVEL. PROVIDE EMT BOX CONNECTOR WITH PLASTIC BUSHING ON CONDUIT END ABOVE CEILING. PROVIDE HUBBELL CAT. NO. NSAV62M WALL BOX WITH (1) NSB92W, (1) SFUSBA, AND (2) NSJ6W CONNECTORS. PROVIDE (1) NSP14W AND (1) NSAVIMFW FRAME.		FIRE ALARM ANNUNCIATOR PANEL (FURNISHED WITH GENERATOR)	<p>BRANCH CIRCUIT IDENTIFICATION:</p> <p>EXAMPLE:</p>	
	WALL SWITCH OCCUPANCY SENSOR WITH DIMMER - PASSIVE INFRARED, SINGLE-CIRCUIT OPERATION, 120-277 VOLT RATED, 1/6 HORSEPOWER @ 120V AC WITH ZERO-CROSSING CIRCUITRY. DAMAGE-RESISTANT LENS AND COLOR AS DIRECTED BY ARCHITECT (HUBBELL BUILDING AUTOMATION SYSTEMS CAT. NO. LHD-IRSS-NWHM OR APPROVED EQUIVALENT. MOUNT 48" A.F.F. UNLESS OTHERWISE NOTED.		CEILING MOUNTED TELECOMMUNICATION OUTLET (VOICE & DATA) IN DUAL-GANG FLUSH-MOUNTED OUTLET BOX WITH SINGLE GANG PLASTER RING.		FIRE ALARM CONTROL UNIT/PANEL	<p>PANEL IDENTIFICATION:</p> <p>EXAMPLE:</p>	
	WALL SWITCH VACANCY SENSOR WITH DIMMING - PASSIVE INFRARED, SINGLE-CIRCUIT OPERATION, 120-277 VOLT RATED, 1/6 HORSEPOWER @ 120V AC WITH ZERO-CROSSING CIRCUITRY. DAMAGE-RESISTANT LENS AND COLOR AS DIRECTED BY ARCHITECT (HUBBELL BUILDING AUTOMATION SYSTEMS CAT. NO. LHD-IRS3-NWHM OR APPROVED EQUIVALENT. MOUNT 48" A.F.F. UNLESS OTHERWISE NOTED		CEILING MOUNTED SPECIAL PURPOSE RECEPTACLE. NEMA RATING AS SHOWN.		FIRE ALARM NOTIFICATION DEVICE POWER SUPPLY	<p>EQUIPMENT IDENTIFICATION:</p>	
	SINGLE GANG LOW VOLTAGE WALL SWITCH PUSH BUTTON. X = LV FOR SINGLE PUSH BUTTON X = # OF PUSHBUTTONS FOR 2 TO 6 PUSHBUTTON SEE LOW VOLTAGE PUSH BUTTON LIGHTING CONTROL IDENTIFICATION FOR MULTI-BUTTON LIGHTING CONTROL OF ENCLOSED ROOM. MOUNT 48" A.F.F. UNLESS OTHERWISE NOTED.		TV OUTLET WITH ONE (1) COAX F TYPE CONNECTOR. PROVIDE ONE RG-6 CABLE FROM OUTLET NEAREST CATV BACKBOARD. MOUNT 72" AFF, UON.		FIRE ALARM BELL	<p>FLOOR FURNITURE SYSTEM CONNECTION. PROVIDE (1) 2-GANG FLUSH FLOOR BOX FOR 4-CIRCUIT / 8-WIRE POWER CONNECTION. PROVIDE (1) 1" CONDUIT (POWER) FROM ABOVE ACCESSIBLE CEILING SPACE, Routed DOWN THE NEAREST BUILDING STRUCTURAL COLUMN LOCATION, AND INSIDE THE CONCRETE FLOOR SLAB TO THE FURNITURE SYSTEM FLOOR BOXES, RESPECTIVELY. PROVIDE WHIP CONNECTOR AND FINAL FURNITURE SYSTEM POWER CONNECTION.</p>	
	DIMMER TIMER SWITCH. PROVIDE HUBBELL DECORATOR SERIES CAT. NO. DT2000W OR APPROVED EQUIVALENT.		STANDARD SIZE WALL MOUNTED JUNCTION BOX/ HARD-WIRED CONNECTION TO EQUIPMENT. COORDINATE FINAL CONNECTION REQUIREMENTS WITH MANUFACTURER PRIOR TO INSTALLATION.		FIRE ALARM RELAY	<p>FLOOR FURNITURE SYSTEM CONNECTION. PROVIDE (1) 2-GANG FLUSH FLOOR BOX FOR COMMUNICATION SYSTEMS CONNECTION. PROVIDE (1) 1.5" CONDUIT (COMMUNICATION SYSTEMS) FROM ABOVE ACCESSIBLE CEILING SPACE, Routed DOWN THE NEAREST BUILDING STRUCTURAL COLUMN LOCATION AND INSIDE THE CONCRETE FLOOR SLAB TO THE FURNITURE SYSTEM FLOOR BOXES, RESPECTIVELY. PROVIDE WHIP CONNECTOR AND PULL STRING IN COMMUNICATION SYSTEMS CONDUIT.</p>	
	SINGLE-POLE TOGGLE SWITCH IN DUAL-GANG SURFACE MOUNTED DEVICE BOX WITH SINGLE-GANG TILE RING AND WEATHERPROOF COVER PLATE. SWITCH SHALL BE EXTRA HEAVY DUTY SPECIFICATION GRADE, 20 AMPERE, 1 HP, 120-277 VOLT WITH GROUND SCREW. PROVIDE HUBBELL CAT. NO. HBL1221 (TOGGLE SWITCH) WITH HBL1750 (COVER PLATE) OR APPROVED EQUIVALENT. MOUNT 48" A.F.F. U.O.N.		STANDARD SIZE CEILING MOUNTED JUNCTION BOX/ HARD-WIRED CONNECTION TO EQUIPMENT. COORDINATE FINAL CONNECTION REQUIREMENTS WITH MANUFACTURER PRIOR TO INSTALLATION.		GROUND ROD	<p>WALL FURNITURE SYSTEM CONNECTION. PROVIDE (1) 2-GANG FLUSH WALL BOX FOR 4-CIRCUIT / 8-WIRE POWER CONNECTION. PROVIDE (1) 1" CONDUIT (POWER) FROM ABOVE ACCESSIBLE CEILING SPACE, Routed DOWN THE NEAREST BUILDING STRUCTURAL COLUMN LOCATION, AND INSIDE THE CONCRETE FLOOR SLAB TO THE FURNITURE SYSTEM FLOOR BOXES, RESPECTIVELY. PROVIDE WHIP CONNECTOR AND PULL STRING IN COMMUNICATION SYSTEMS CONDUIT.</p>	
	MOTOR RATED SINGLE POLE TOGGLE SWITCH WITH LOCK OUT COVER.		AUTOMATIC DOOR		AIR TERMINAL	<p>WALL FURNITURE SYSTEM CONNECTION. PROVIDE (1) 2-GANG FLUSH WALL BOX FOR COMMUNICATION SYSTEMS CONNECTION. PROVIDE (1) 1.5" CONDUIT (COMMUNICATION SYSTEMS) FROM ABOVE ACCESSIBLE CEILING SPACE, Routed DOWN THE NEAREST BUILDING STRUCTURAL COLUMN LOCATION AND INSIDE THE CONCRETE FLOOR SLAB TO THE FURNITURE SYSTEM FLOOR BOXES, RESPECTIVELY. PROVIDE WHIP CONNECTOR AND PULL STRING IN COMMUNICATION SYSTEMS CONDUIT.</p>	
	DIMMING/LIGHTING CONTROL SYSTEM WALL SWITCH. TYPE AS NOTED ON LIGHTING PLANS.		ENCLOSED CIRCUIT BREAKER. SIZE AS NOTED ON DRAWINGS		GROUNDING ELECTRODE SYSTEM	<p>DELTA/TRIAD GROUNDING ELECTRODE SYSTEM</p>	
	OCCUPANCY SENSOR, CEILING-MOUNTED - DUAL-TECHNOLOGY (ULTRASONIC/PIR), LOW VOLTAGE (24V DC) OPERATION, COLOR AS DIRECTED BY ARCHITECT (HUBBELL BUILDING AUTOMATION SYSTEMS CAT. NO. OMNIDT2000 OR APPROVED EQUIVALENT.		PANELBOARD, SURFACE MOUNTED, MP=MEDICAL CENTER PANEL, FP=FITNESS CENTER PANEL, EP=EMERGENCY PANEL.  PANELBOARD, SAME AS ABOVE, RECESSED MOUNTED.		BRANCH CIRCUIT OR FEEDER WIRING IN CONDUIT RUN CONCEALED ABOVE CEILING OR INSIDE COLUMN OR WALL. REFER TO PLANS AND/OR GENERAL NOTES FOR ADDITIONAL NEUTRALS AND ISOLATED GROUNDING THAT MAY BE REQUIRED. REFER TO PANEL SCHEDULES FOR CONDUIT AND WIRE SIZES.	<p>BRANCH CIRCUIT WIRING AS NOTED ABOVE. NUMERAL INDICATES BRANCH CIRCUIT NUMBER.</p>	
	OCCUPANCY SENSOR, WALL-MOUNTED & CEILING MOUNTED - DUAL-TECHNOLOGY (ULTRASONIC/PIR), LOW VOLTAGE (24V DC) OPERATION, COLOR AS DIRECTED BY ARCHITECT (HUBBELL BUILDING AUTOMATION SYSTEMS CAT. NO. L0DT OR APPROVED EQUIVALENT.		VARIABLE FREQUENCY DRIVE WITH H-O-A SWITCH, RED RUN PILOT LIGHT, SIZED FOR MOTOR HP AND VOLTAGE. TEXT INDICATES NEMA RATING OF ENCLOSURE.		HOMERUNS TO PANEL. PANEL AND CIRCUIT DESIGNATIONS AS INDICATED. NUMBER OF ARROWS DENOTE QUANTITY OF SINGLE POLE CIRCUITS.	<p>FLEXIBLE RACEWAY.</p>	
	OCCUPANCY SENSOR POWER RELAY PACK - PROVIDE UNIVERSAL VOLTAGE (120/277V), 20 AMPERE, 1 HORSEPOWER WITH ZERO-CROSSING CIRCUITRY (HUBBELL BUILDING AUTOMATION SYSTEMS CAT. NO. UVPV OR APPROVED EQUIVALENT.		DISCONNECT/SAFETY SWITCH, PADLOCKABLE, SIZE AS INDICATED.		CONDUIT Routed UPWARD.	<p>CONDUIT Routed DOWNWARD.</p>	
	DUPLEX RECEPTACLE OUTLET IN DUAL-GANG FLUSH-MOUNTED DEVICE BOX WITH SINGLE-GANG TILE RING AND STAINLESS STEEL DEVICE COVER PLATE. EXTRA HEAVY-DUTY, "DECORATOR" STYLE STRAIGHT BLADE, 20 AMPERE, 120 VOLT, 2 POLE, 3 WIRE TYPE, NEMA 5-20R PROVIDE HUBBELL CAT. NO. HBL2162WA OR APPROVED EQUIVALENT. MOUNT 18" A.F.F. U.O.N.		CARD READER (FURNISHED BY SECURITY VENDOR) - PROVIDE BACKBOX AND 1" EMT CONDUIT TO 6" ABOVE CEILING. PROVIDE EMT BOX CONNECTOR WITH PLASTIC BUSHING ON CONDUIT END ABOVE CEILING. COORDINATE EXACT LOCATION WITH ARCHITECT.		CONDUIT Routed BELOW GRADE OR IN SLAB.	<p>CONDUIT Routed IN DUCTBANK</p>	
	ABOVE COUNTER DUPLEX RECEPTACLE OUTLET IN DUAL-GANG FLUSH-MOUNTED DEVICE BOX WITH SINGLE-GANG TILE RING AND STAINLESS STEEL DEVICE COVER PLATE. EXTRA HEAVY-DUTY, "DECORATOR" STYLE STRAIGHT BLADE, 20 AMPERE, 120 VOLT, 2 POLE, 3 WIRE TYPE, NEMA 5-20R PROVIDE HUBBELL CAT. NO. HBL2162WA OR APPROVED EQUIVALENT. MOUNT 6" ABOVE COUNTER TOP TO CENTER, U.O.N.		INTERCOM STATION (FURNISHED BY SECURITY VENDOR) - PROVIDE BACKBOX AND 1" EMT CONDUIT TO 6" ABOVE CEILING. PROVIDE EMT BOX CONNECTOR WITH PLASTIC BUSHING ON CONDUIT END ABOVE CEILING. COORDINATE EXACT LOCATION WITH ARCHITECT.		CONDUIT Routed IN DUCTBANK	<p>CONDUIT CAP</p>	
	DUPLEX RECEPTACLE OUTLET WITH USB CHARGER IN DUAL-GANG FLUSH-MOUNTED DEVICE BOX WITH SINGLE-GANG TILE RING AND STAINLESS STEEL DEVICE COVER PLATE. RECEPTACLE SHALL BE TAMPER-RESISTANT, SPECIFICATION GRADE, STRAIGHT BLADE, 20 AMPERE, 120 VOLT, 2 POLE, 3 WIRE GROUNDING TYPE, NEMA 5-20R. PROVIDE HUBBELL CAT. NO. USB20X2W OR APPROVED EQUIVALENT. MOUNT 18" A.F.F. U.O.N.		INTERCOM MASTER STATION (FURNISHED BY SECURITY VENDOR)		CABLE TRAY, ALUMINUM, 9" RUNG SPACING, (U.N.O), TYPE AND SIZE AS INDICATED.	<p>TRAY FITTING TYPE AS FOLLOWS (IF APPLICABLE) #=DEGREE OF BEND, V=VERTICAL INSIDE BEND, VO=VERTICAL OUTSIDE BEND, R=REDUCER, H=HORIZONTAL, T=TEE SHAPED, Y=WYE SHAPED, X=CROSS SHAPED, VTU=VERTICAL TEE UP, VTD=VERTICAL TEE DOWN, CH=CHANNEL, DO=DROP OUT, TRAY INSIDE RADIUS (IF APPLICABLE)</p>	
	DUPLEX RECEPTACLE OUTLET IN DUAL-GANG FLUSH-MOUNTED DEVICE BOX WITH SINGLE-GANG TILE RING AND STAINLESS STEEL DEVICE COVER PLATE. TAMPER-RESISTANT, COMMERCIAL SPECIFICATION GRADE, STRAIGHT BLADE, 20 AMPERE, 120 VOLT, 2 POLE, 3 WIRE GROUNDING TYPE, NEMA 5-20R. PROVIDE HUBBELL CAT. NO. DR20WHWRTR OR APPROVED EQUIVALENT. MOUNT 18" A.F.F. U.O.N. TV= MOUNTED 72" AFF, U.O.N.		KEYPAD STATION (FURNISHED BY SECURITY VENDOR) - PROVIDE BACKBOX AND 1" EMT CONDUIT TO 6" ABOVE CEILING. PROVIDE EMT BOX CONNECTOR WITH PLASTIC BUSHING ON CONDUIT END ABOVE CEILING. COORDINATE EXACT LOCATION WITH ARCHITECT.		ELECTRIC DOOR STRIKE (FURNISHED BY SECURITY VENDOR)	<p>TRAY WIDTH</p>	
			ELECTRIC DOOR VERTICAL LOCK (FURNISHED BY SECURITY VENDOR)			<p>TRAY NUMBER (IF APPLICABLE)</p>	

(NOT ALL SYMBOLS AND ABBREVIATIONS ARE USED ON THIS PROJECT)



02/04/2019

DAWSON COUNTY SENIOR CENTER

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Revisions

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DATE 02/04/2019

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SHEET TITLE

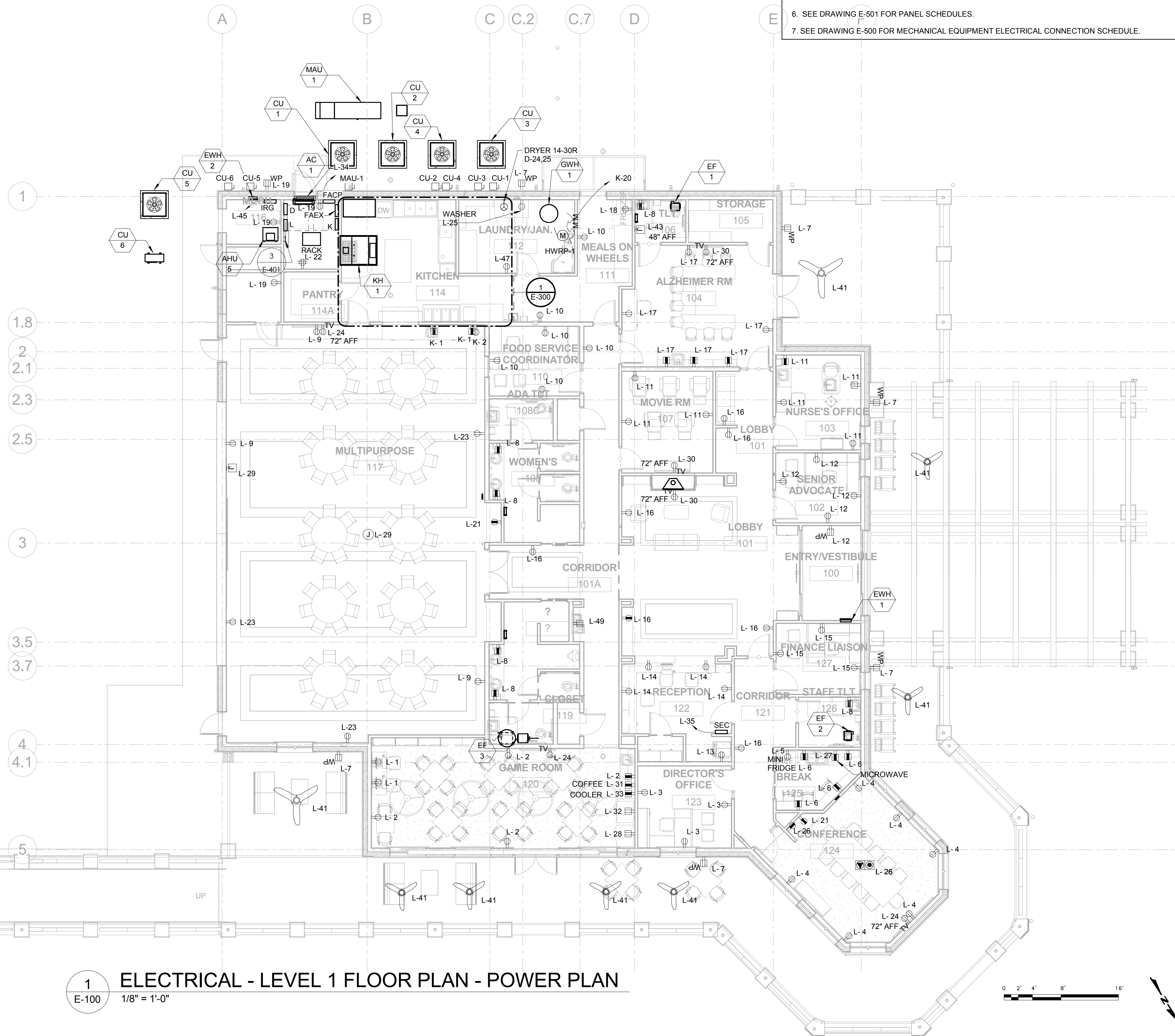
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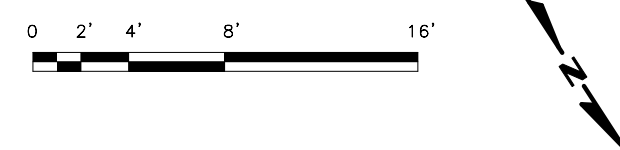
E-002

GENERAL NOTES

- 1. DO NOT INSTALL DEVICES BACK TO BACK IN ANY FIRE RATED WALL, PROVIDE MINIMUM 24" HORIZONTAL SPACE BETWEEN OUTLETS.
- 2. PER UL SEAL ALL PENETRATIONS IN EVERY FIRE RATED WALL AND FLOOR TO MAINTAIN THE WALL AND FLOOR ORIGINAL RATING.
- 3. PROVIDE #10 CONDUCTORS FOR ANY 120V CIRCUIT OVER 100'. PROVIDE #8 CONDUCTOR FOR ANY CIRCUIT OVER 150'.
- 4. TYPE N.M. WIRING FOR BRANCH CIRCUIT WIRING FOR TYPE III, IV AND V CONSTRUCTION IF ACCEPTABLE TO LOCAL AUTHORITY HAVING JURISDICTION. PROVIDE M.C. CABLE OR WIREMENT CONDUIT FOR BRANCH CIRCUITS IN ALL OTHER CONSTRUCTION TYPES AND IN RETURN AIR PLENUM ROOMS OR SPACES.
- 6. SEE DRAWING E-501 FOR PANEL SCHEDULES.
- 7. SEE DRAWING E-500 FOR MECHANICAL EQUIPMENT ELECTRICAL CONNECTION SCHEDULE.



1 ELECTRICAL - LEVEL 1 FLOOR PLAN - POWER PLAN  
 E-100 1/8" = 1'-0"



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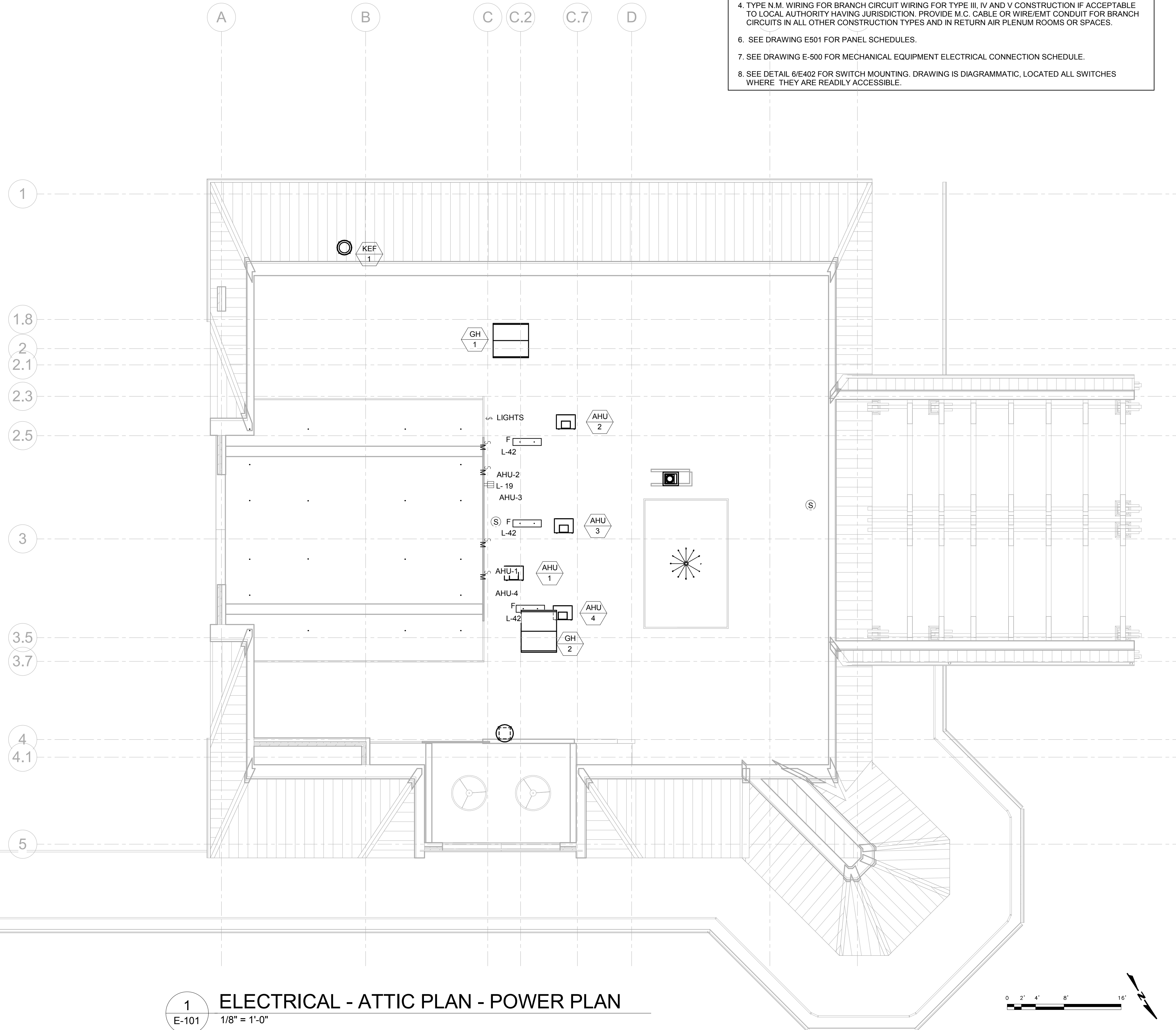
PROJECT NUMBER 2018009

SHEET TITLE  
**POWER - LEVEL 1  
 FLOOR PLAN**

SHEET NUMBER  
**E-100**

GENERAL NOTES

- DO NOT INSTALL DEVICES BACK TO BACK IN ANY FIRE RATED WALL, PROVIDE MINIMUM 24" HORIZONTAL SPACE BETWEEN OUTLETS.
- PER UL SEAL ALL PENETRATIONS IN EVERY FIRE RATED WALL AND FLOOR TO MAINTAIN THE WALL AND FLOOR ORIGINAL RATING.
- PROVIDE #10 CONDUCTORS FOR ANY 120V CIRCUIT OVER 100'. PROVIDE #8 CONDUCTOR FOR ANY CIRCUIT OVER 150'.
- TYPE N.M. WIRING FOR BRANCH CIRCUIT WIRING FOR TYPE III, IV AND V CONSTRUCTION IF ACCEPTABLE TO LOCAL AUTHORITY HAVING JURISDICTION. PROVIDE M.C. CABLE OR WIRE/EMT CONDUIT FOR BRANCH CIRCUITS IN ALL OTHER CONSTRUCTION TYPES AND IN RETURN AIR PLENUM ROOMS OR SPACES.
- SEE DRAWING E501 FOR PANEL SCHEDULES.
- SEE DRAWING E-500 FOR MECHANICAL EQUIPMENT ELECTRICAL CONNECTION SCHEDULE.
- SEE DETAIL 6/E402 FOR SWITCH MOUNTING. DRAWING IS DIAGRAMMATIC, LOCATED ALL SWITCHES WHERE THEY ARE READILY ACCESSIBLE.



**1**  
E-101  
ELECTRICAL - ATTIC PLAN - POWER PLAN  
1/8" = 1'-0"



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SHEET TITLE  
**ELECTRICAL - ATTIC PLAN**

SHEET NUMBER  
**E-101**

2/7/2019 9:34:03 AM  
SHEET NAME: POWER - SITE PLAN SHEET NUMBER: E-102 PROJECT NAME: DAWSON COUNTY SENIOR CENTER

FILENAME: C:\Users\wbesco\Documents\SLK\_DAWSON SENIOR CENTER\_ELEC\_wbesco\63213.rvt

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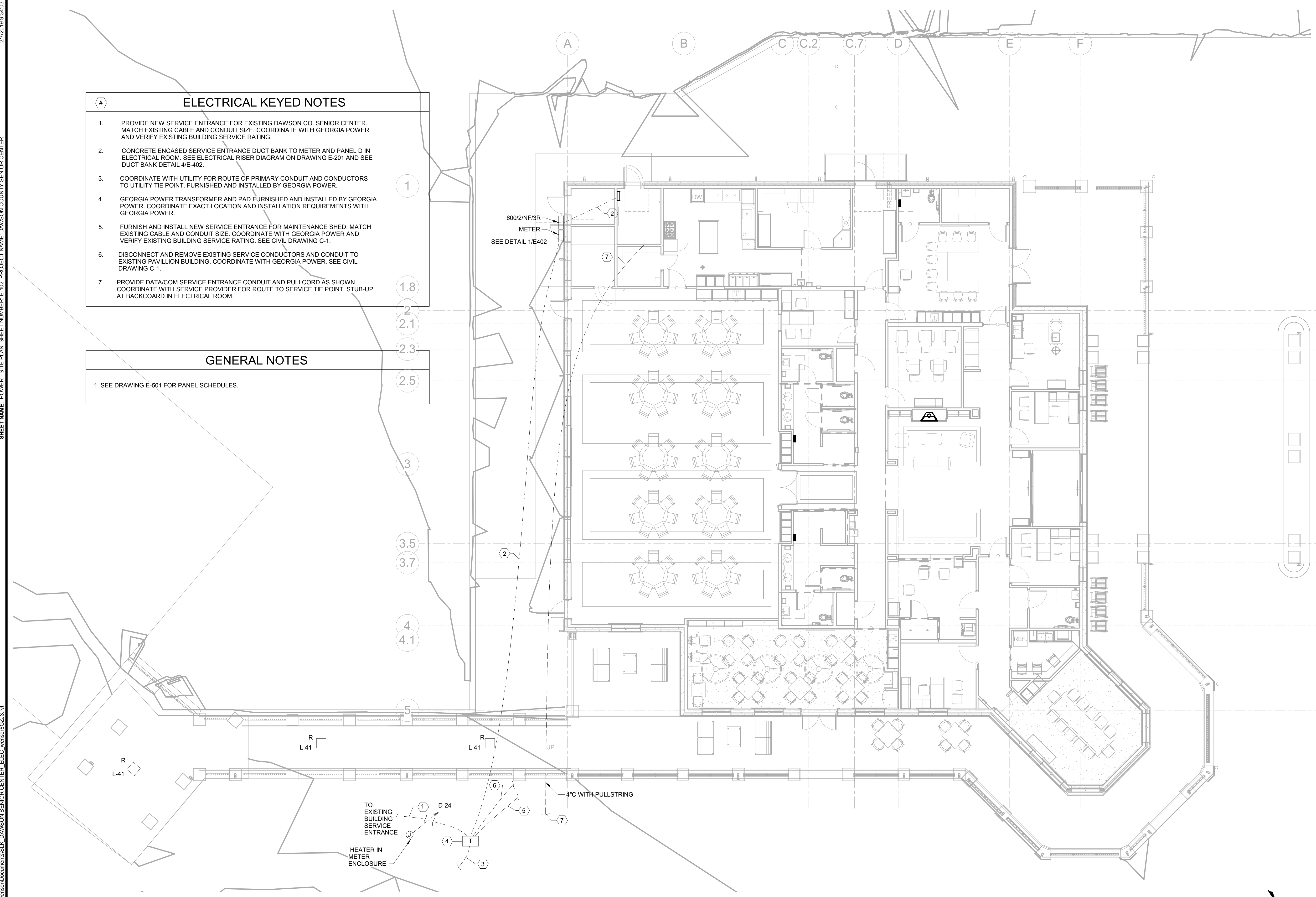
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DATE 02/04/2019  
PROJECT NUMBER 2018009  
SHEET TITLE

**POWER - SITE PLAN**

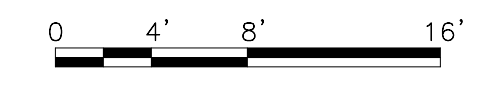
SHEET NUMBER  
**E-102**



- ### ELECTRICAL KEYED NOTES
- PROVIDE NEW SERVICE ENTRANCE FOR EXISTING DAWSON CO. SENIOR CENTER. MATCH EXISTING CABLE AND CONDUIT SIZE. COORDINATE WITH GEORGIA POWER AND VERIFY EXISTING BUILDING SERVICE RATING.
  - CONCRETE ENCASED SERVICE ENTRANCE DUCT BANK TO METER AND PANEL D IN ELECTRICAL ROOM. SEE ELECTRICAL RISER DIAGRAM ON DRAWING E-201 AND SEE DUCT BANK DETAIL 4/E-402.
  - COORDINATE WITH UTILITY FOR ROUTE OF PRIMARY CONDUIT AND CONDUCTORS TO UTILITY TIE POINT. FURNISHED AND INSTALLED BY GEORGIA POWER.
  - GEORGIA POWER TRANSFORMER AND PAD FURNISHED AND INSTALLED BY GEORGIA POWER. COORDINATE EXACT LOCATION AND INSTALLATION REQUIREMENTS WITH GEORGIA POWER.
  - FURNISH AND INSTALL NEW SERVICE ENTRANCE FOR MAINTENANCE SHED. MATCH EXISTING CABLE AND CONDUIT SIZE. COORDINATE WITH GEORGIA POWER AND VERIFY EXISTING BUILDING SERVICE RATING. SEE CIVIL DRAWING C-1.
  - DISCONNECT AND REMOVE EXISTING SERVICE CONDUCTORS AND CONDUIT TO EXISTING PAVILLION BUILDING. COORDINATE WITH GEORGIA POWER. SEE CIVIL DRAWING C-1.
  - PROVIDE DATA/COM SERVICE ENTRANCE CONDUIT AND PULLCORD AS SHOWN. COORDINATE WITH SERVICE PROVIDER FOR ROUTE TO SERVICE TIE POINT. STUB-UP AT BACKBOARD IN ELECTRICAL ROOM.

- ### GENERAL NOTES
- SEE DRAWING E-501 FOR PANEL SCHEDULES.

**1 ELECTRICAL - SITE PLAN - POWER PLAN**  
1/8" = 1'-0"



# ELECTRICAL KEYED NOTES

1. PROVIDE A DOOR JAMB SWITCH TO CONTROL THE LIGHTING IN THIS CLOSET.

LIGHTING CONTROL NOTES

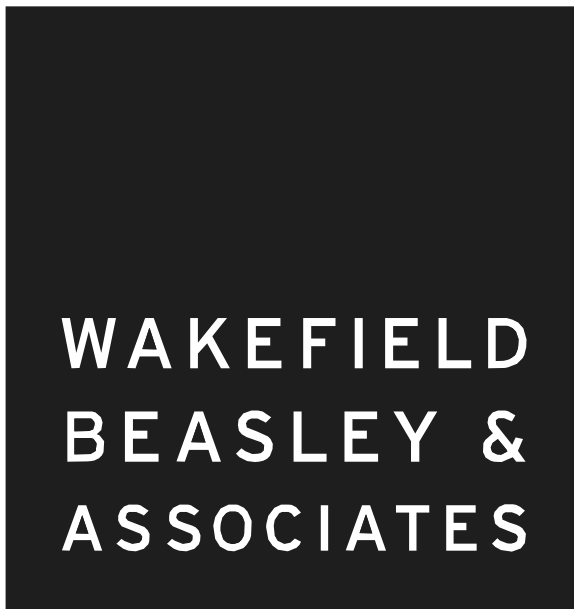
1. ALL OFFICES AND OTHER NON UTILITY ROOMS LOCATED ON THE EXTERIOR WALLS SHALL HAVE DAYLIGHT HARVESTING CONTROLS ON ALL FIXTURES WITHIN 15 FEET OF EXTERIOR WALLS WITH WINDOWS.
2. COMBINE BOTH OCCUPANCY SENSOR A DAYLIGHT SENSOR IN WALL DEVICE WHERE POSSIBLE.
3. EXTERIOR SIGNAGE AND DECORATIVE LIGHTING SHALL HAVE AUTOMATIC AFTER-HOURS SHUT-OFF AND PROGRAMED PER OWNER'S REQUIREMENTS
4. EXTERIOR AREA LIGHTING SHALL BE PHOTOCELL AND TIME CLOCK CONTROLLED.

GENERAL NOTES

1. SEE DRAWING E-501 FOR PANEL SCHEDULES.
2. SEE DRAWING E-500 FOR LIGHTING FIXTURE SCHEDULE.
3. CONTRACTOR TO COORDINATE SITE LIGHTING WITH OWNER.



**1** LIGHTING - LEVEL 1 FLOOR PLAN  
E-110 1/8" = 1'-0"



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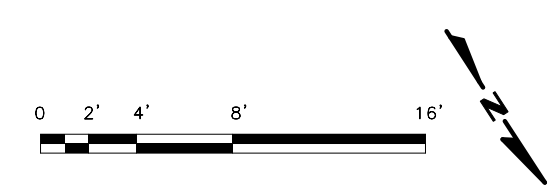
PROJECT NUMBER 2018009

SHEET TITLE  
**LIGHTING - LEVEL 1 FLOOR PLAN**

SHEET NUMBER  
**E-110**



1 ELECTRICAL - LEVEL 1 FLOOR PLAN - SYSTEMS PLAN  
 E-120 1/8" = 1'-0"



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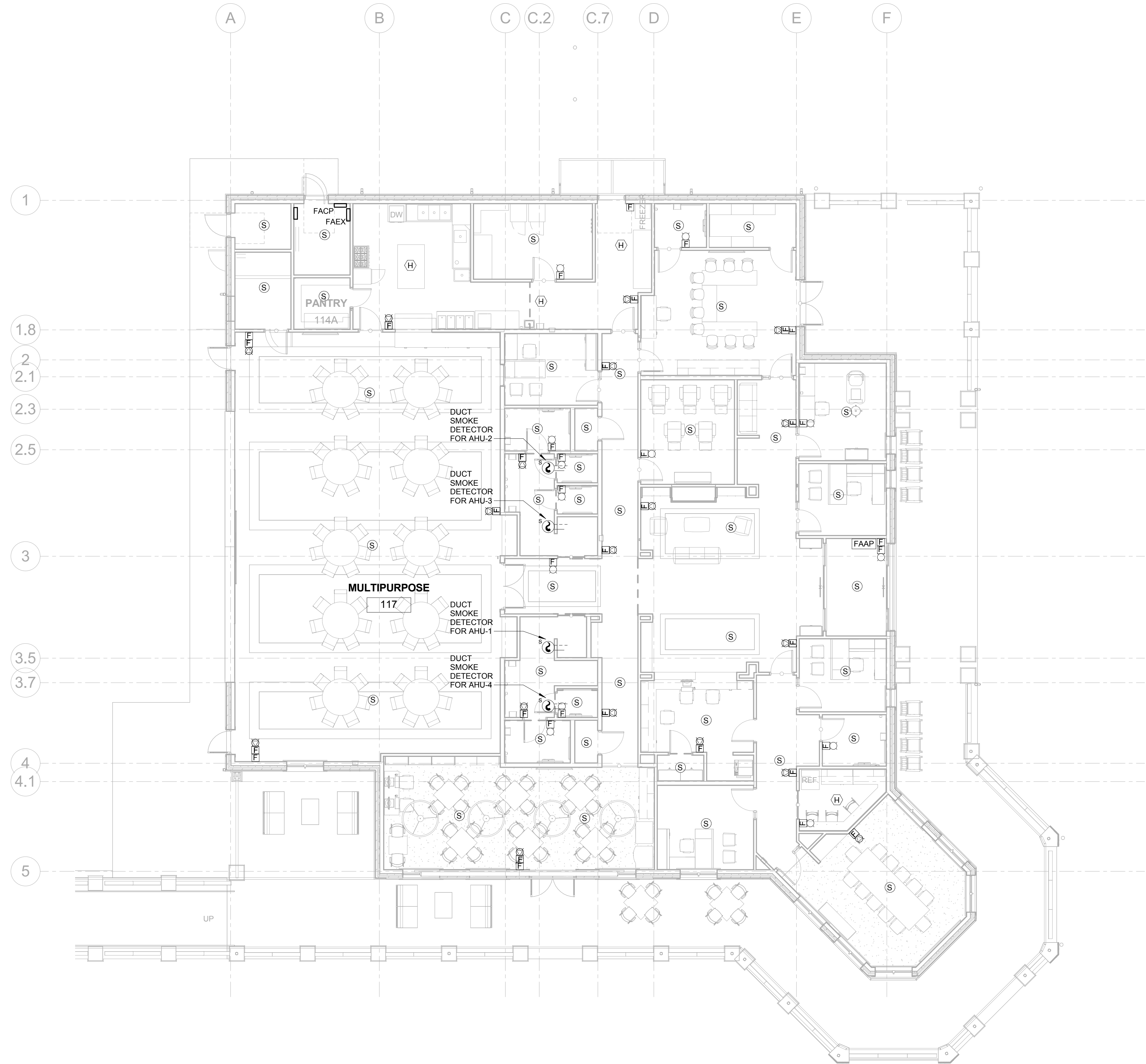
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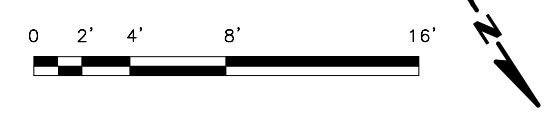
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**SYSTEMS - LEVEL 1  
 FLOOR PLAN**

SHEET NUMBER  
**E-120**

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**1** ELECTRICAL - LEVEL 1 FLOOR PLAN - FIRE ALARM PLAN  
 E-130 1/8" = 1'-0"



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**FIRE ALARM - LEVEL 1 FLOOR PLAN**

SHEET NUMBER

**E-130**















