

EARLY HEAD START FACILITY

CITY OF POCAHONTAS

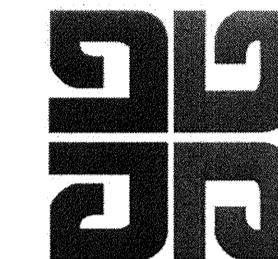
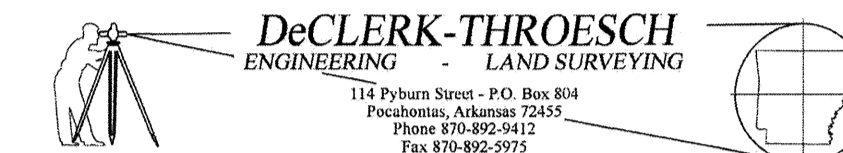
Pocahontas, Arkansas

STRUCTURAL ENGINEER:
SMITH ENGINEERING CO.
P.O. BOX 299
Marion, AR 72364
870.739.5533

MECHANICAL/PLUMBING/ELECTRICAL ENGINEER:
STRICKLAND ENGINEERING, LC
113 West Main Street, Suite 1
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ARCHITECT:
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ABBREVIATIONS

ABOVE FINISH FLOOR ABOVE	A.F.F.
ACOUSTICAL	ABV.
ALUMINUM	ACOUST.
APPROXIMATE	ALUM.
BOTTOM OF FOOTING	APPROX.
CEILING	B.O.F.
CENTER LINE	CL.G.
EACH	CL
ELECTRIC WATER COOLER	EA.
FINISH	E.W.C.
FIRE EXTINGUISHER	FIN.
FIRE EXTINGUISHER CABINET	F.E.
FLOOR	F.E.C.
GENERAL CONTRACTOR	FLR.
INSULATION	G.C.
JOINT	INSUL.
KITCHEN FIRE EXTINGUISHER	JNT.
MECHANICAL	K.F.E.
METAL THRESHOLD	MECH.
NOMINAL	M.T.
NOT IN CONTRACT	NOM.
ON CENTER	N.I.C.
OWNER FURNISHED, CONTRACTOR INSTALLED	O.C.
PLATE	OFCl
REQUIRED	REQ.
SIMILAR	SIM.
SQUARE	SQ.
SUSPENDED	SUSP.
TOP OF CURB	T.O.C.
TOP OF FOOTING	T.O.F.
TOP OF WALL/WALK	T.O.W.
TYPICAL	TYP.
VERIFY IN FIELD	V.I.F.
WITH	WI

MATERIALS KEY

CONCRETE	
STEEL	
METAL STUDS	
CONCRETE BLOCK	
PLYWOOD	
FINISH WOOD	
BATT INSULATION	
GYPSTUM BOARD	
RIGID INSULATION	
WOOD FRAMING	
COMPACT FILL	
GRAVEL FILL	
ASPHALT PAVING	
EXTERIOR SHEATHING	

SYMBOLS KEY

SECTION		SECTION NUMBER
DETAIL		DETAIL NUMBER
DOOR		DOOR NUMBER
WINDOW		WINDOW NUMBER
ALUMINUM FRAME		FRAME NUMBER
HOLLOW METAL FRAME		FRAME NUMBER
EXISTING CONTOUR LINE		
NEW CONTOUR LINE		
NEW SPOT ELEVATION		ELEVATION
FINISH ELEVATION		ELEV. = 100.00

SCHEDULE OF SPECIAL INSPECTIONS

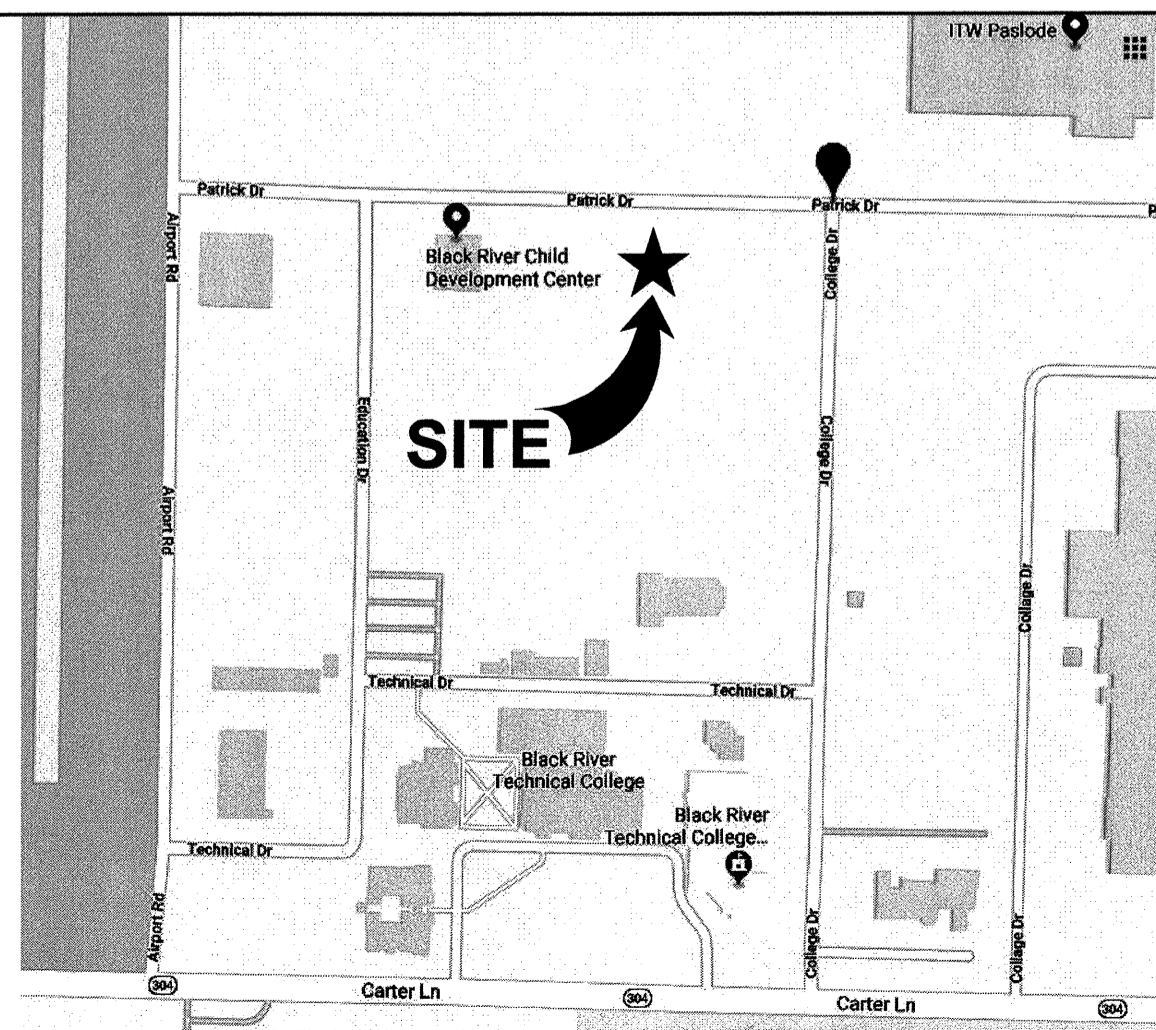
BUILDING WILL BE CONSTRUCTED USING CONVENTIONAL LIGHT-FRAME CONSTRUCTION PER SECTION 2308 OF THE ARKANSAS FIRE PREVENTION CODE, VOLUME 2

SECTION 1704.2, EXCEPTION 3 STATES THAT SPECIAL INSPECTIONS ARE NOT REQUIRED FOR CONVENTIONAL LIGHT FRAME CONSTRUCTION MEETING THE PROVISIONS OF SECTION 2308.

INDEX TO DRAWINGS

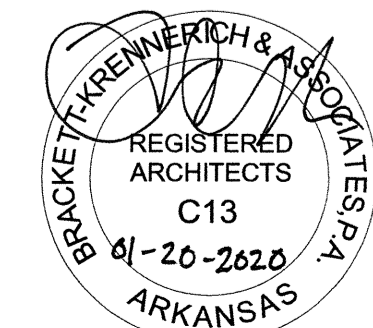
GENERAL		MECHANICAL	
COVER SHEET		MPE1	SITE UTILITY PLAN, LIGHT POLE DETAIL
		M100	FLOOR PLAN - MECHANICAL, ENLARGED MECHANICAL PLAN
		M101	HVAC EQUIPMENT SCHEDULE, DETAILS
		M102	AIR DEVICE SCHEDULE, HVAC DETAILS
CIVIL		PLUMBING	
C000	TOPOGRAPHIC SURVEY (REFERENCE ONLY)	P100	FLOOR PLAN - WASTE AND VENT PIPING
C001	CIVIL SITE PLAN	P101	WASTE AND VENT PIPING RISER DIAGRAM, PLUMBING FIXTURE SCHEDULE, FITTING/ACCESSORY PACKAGE SCHEDULE
C002	SITE GRADING PLAN, SITE UTILITIES, SITE DETAILS	P200	FLOOR PLAN - SUPPLY PIPING, WATER SUPPLY PIPING SCHEDULE
C003	SITE LAYOUT PLAN	P201	SUPPLY PIPING RISER DIAGRAM, WATER SUPPLY RISER PIPING DIAGRAM, WATER SERVICE CALCULATIONS
C004	SITE DETAILS	P300	FLOOR PLAN - GAS PIPING, DETAILS
C005	SITE DETAILS		
LIFE SAFETY		ELECTRICAL	
LS001	LIFE SAFETY PLAN	E100	FLOOR PLAN - POWER WIRING, ELECTRICAL SYMBOLS
		E101	PANEL SCHEDULE, ELECTRICAL SERVICE RISER DIAGRAM, DETAILS
		E200	FLOOR PLAN - LIGHTING, ELECTRICAL ACCESSORY SCHEDULE, LIGHTING CONTROL DETAIL
		E300	FLOOR PLAN - FIRE ALARM, FIRE ALARM RISER DIAGRAM
ARCHITECTURAL			
A001	DOOR SCHEDULE, VISUAL DOOR TYPES, ALUMINUM FRAME SCHEDULE, HOLLOW METAL FRAME SCHEDULE, WINDOW SCHEDULE, WOOD FRAME SCHEDULE		
A002	METAL FRAME SCHEDULE, WINDOW SCHEDULE, WOOD FRAME SCHEDULE		
A003	FINISH FLOOR PLAN, FINISH SCHEDULE		
A100	FLOOR PLAN, VISUAL WALL TYPES		
A101	ROOF PLAN, ROOF DETAILS		
A102	ROOF DETAILS		
A200	BUILDING ELEVATIONS		
A201	BUILDING SECTIONS		
A400	REFLECTED CEILING PLAN		
A500	WALL SECTIONS		
A501	WALL SECTIONS		
A502	WALL SECTIONS		
A503	WALL SECTIONS		
A600	STANDARD MOUNTING HEIGHTS, ADA NOTES		
A601	ENLARGED TOILET PLANS, TOILET ELEVATIONS, MILLWORK SECTION		
A602	MILLWORK ELEVATIONS, MILLWORK SECTIONS		
STRUCTURAL			
S100	FOUNDATION PLAN, FOUNDATION DETAILS		
S200	FRAMING PLAN, FRAMING DETAILS		

VICINITY MAP

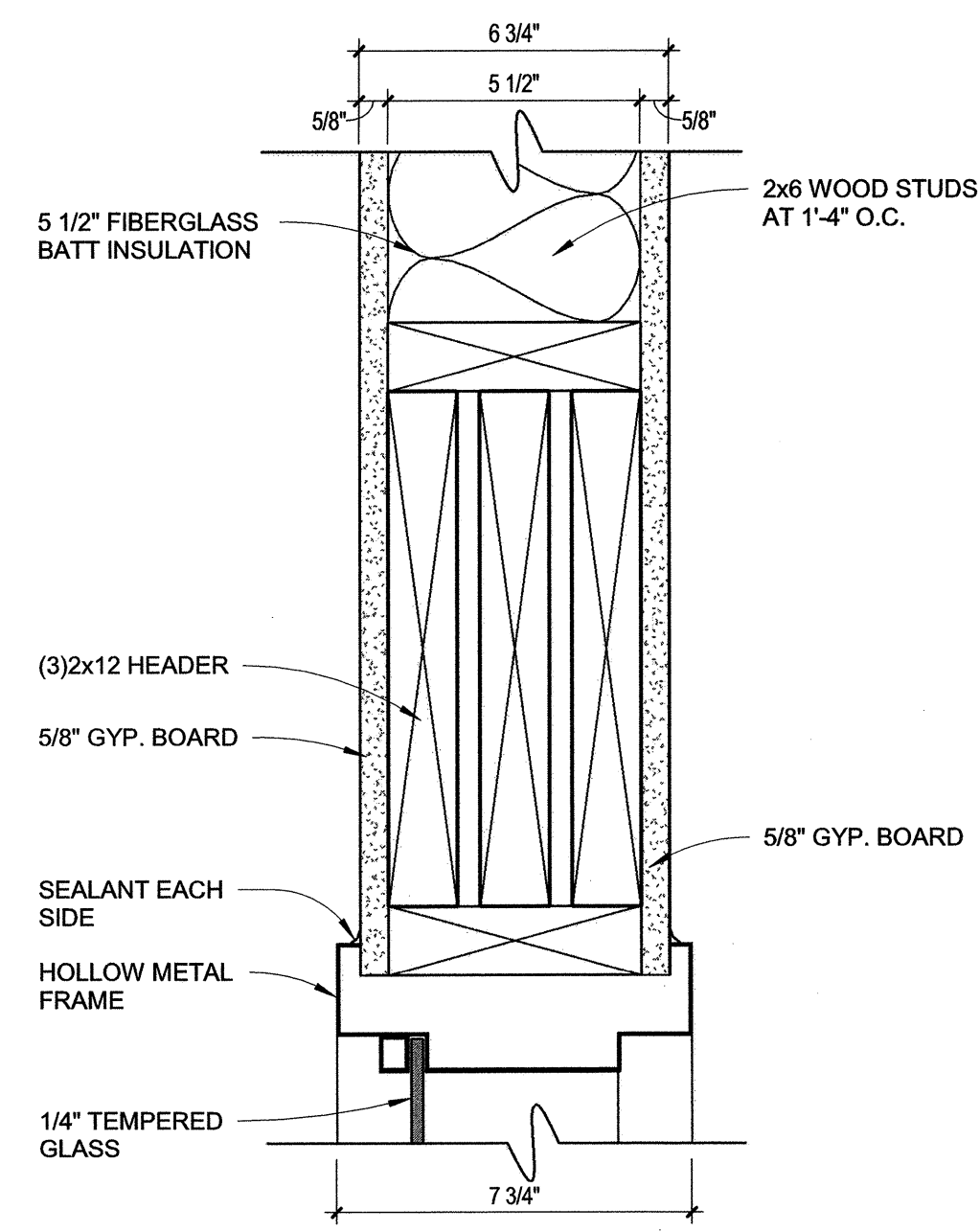


I HEREBY CERTIFY THAT THESE PLANS & SPECIFICATIONS HAVE BEEN PREPARED BY ME, OR UNDER MY DIRECT SUPERVISION. I CERTIFY THAT TO THE BEST OF MY KNOWLEDGE, THESE PLANS & SPECIFICATIONS ARE AS REQUIRED BY LAW & IN COMPLIANCE WITH THE ARKANSAS FIRE PREVENTION CODE FOR THE STATE OF ARKANSAS.

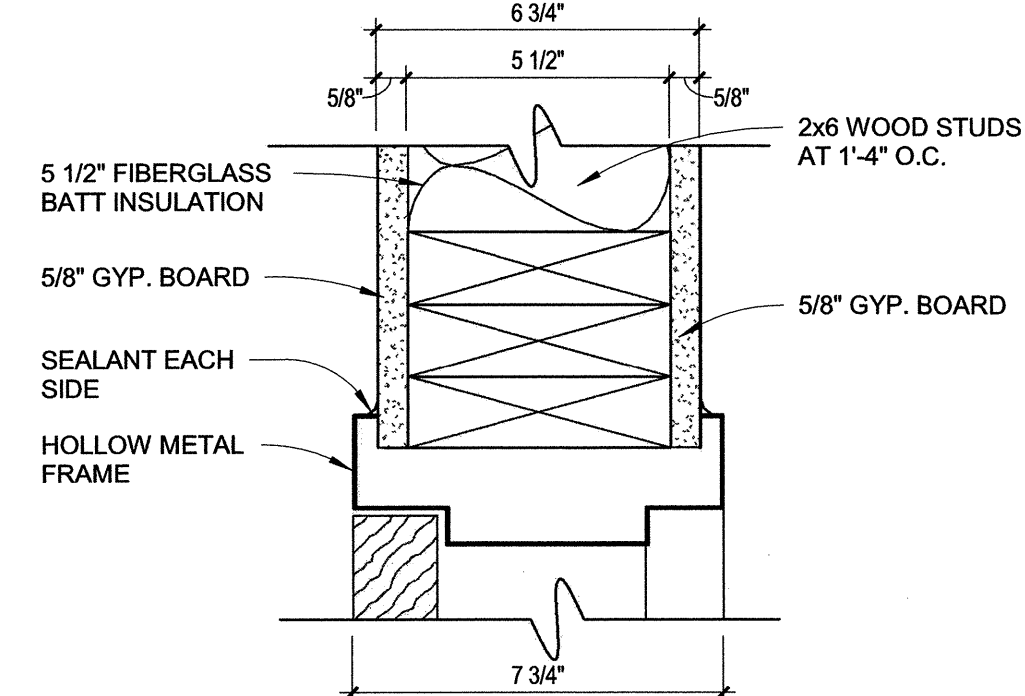
Todd S. Welch



SET NUMBER



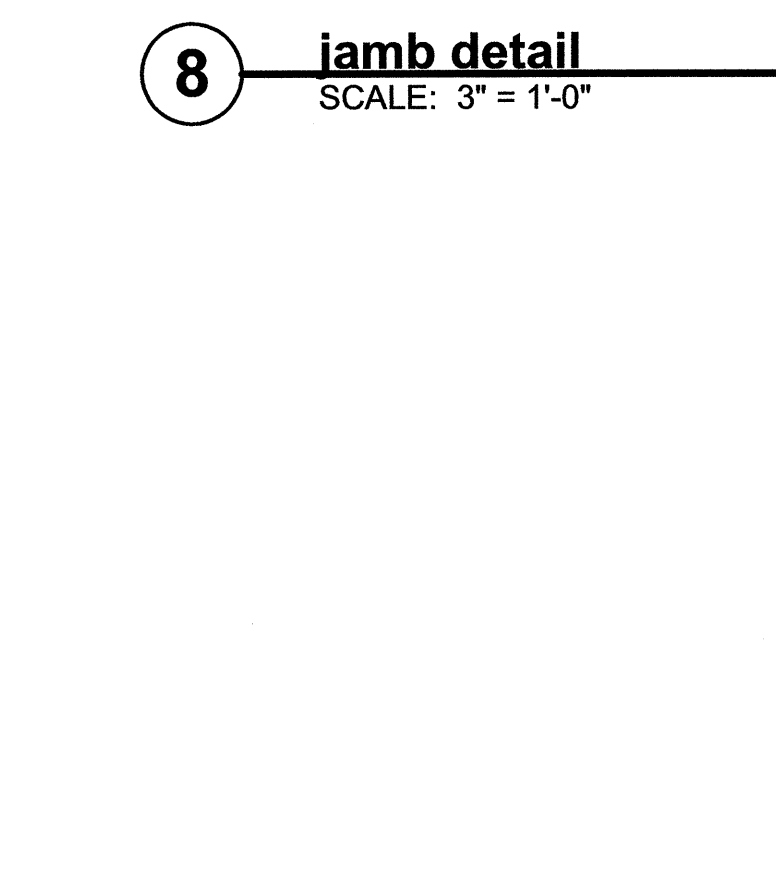
3 head detail
SCALE: 3" = 1'-0"



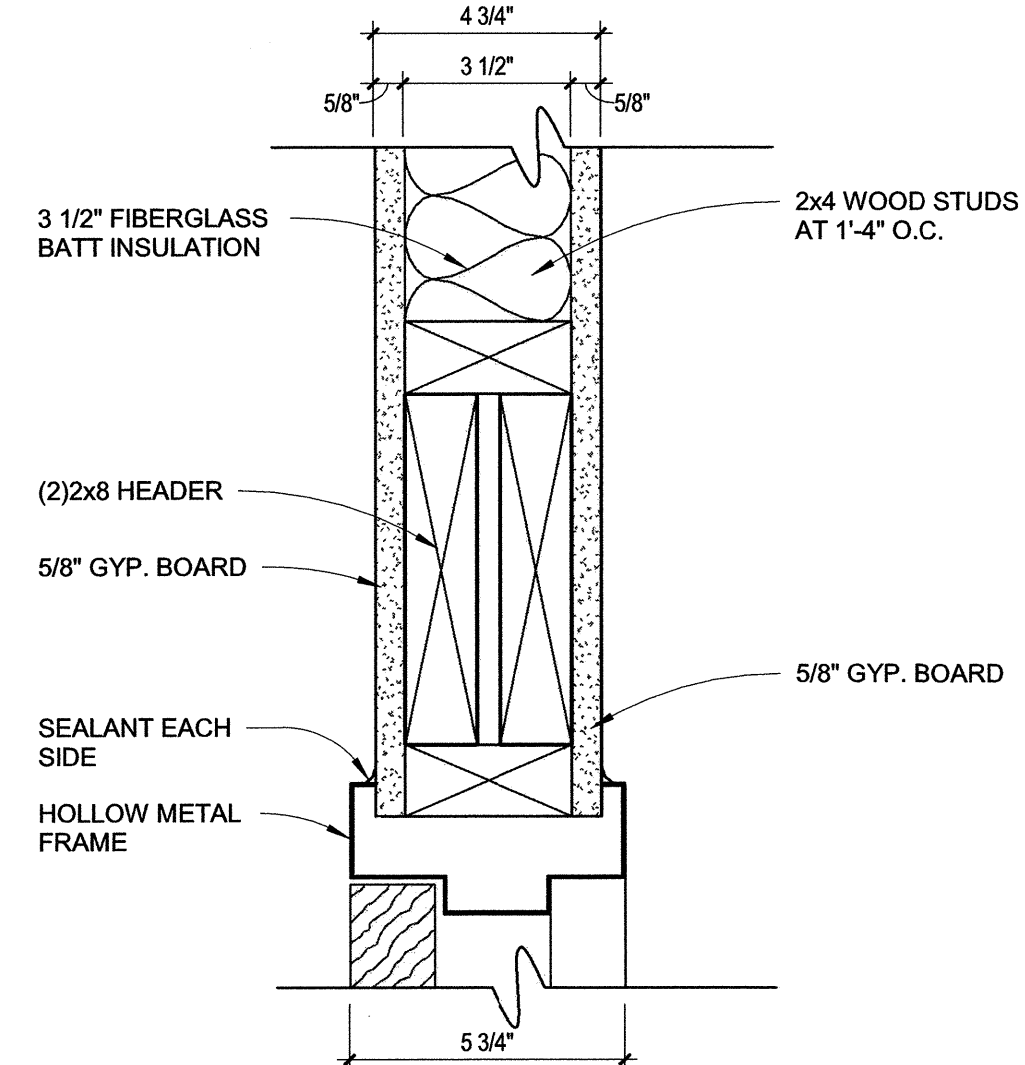
4 jamb detail
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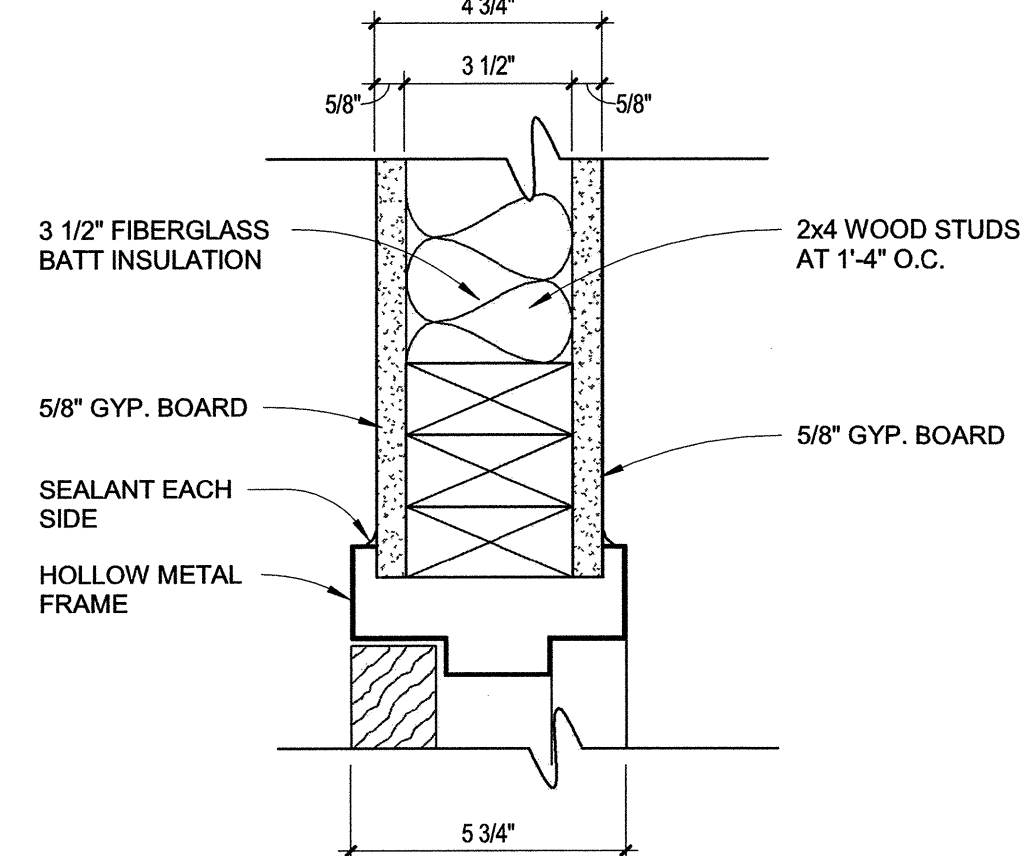
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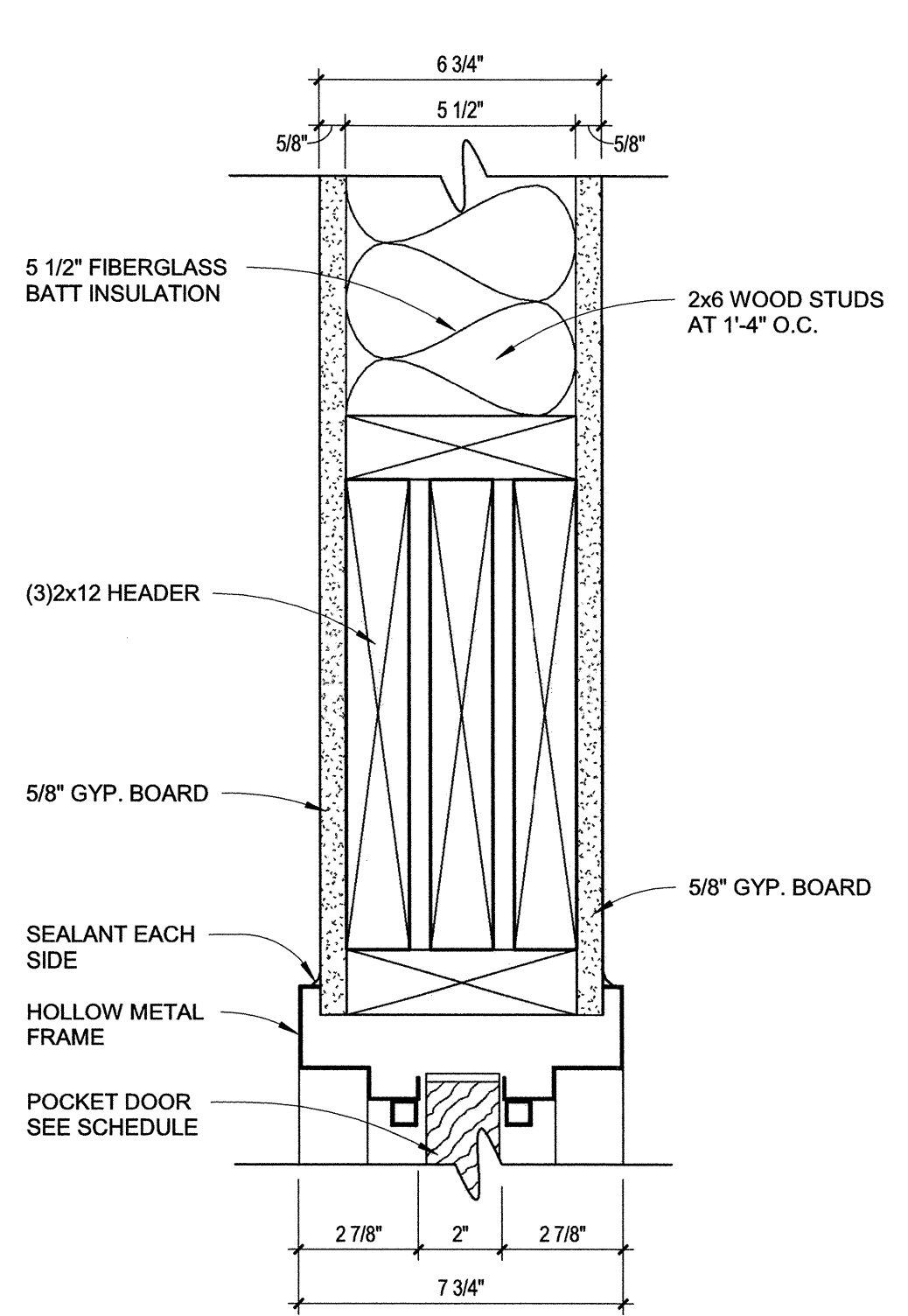
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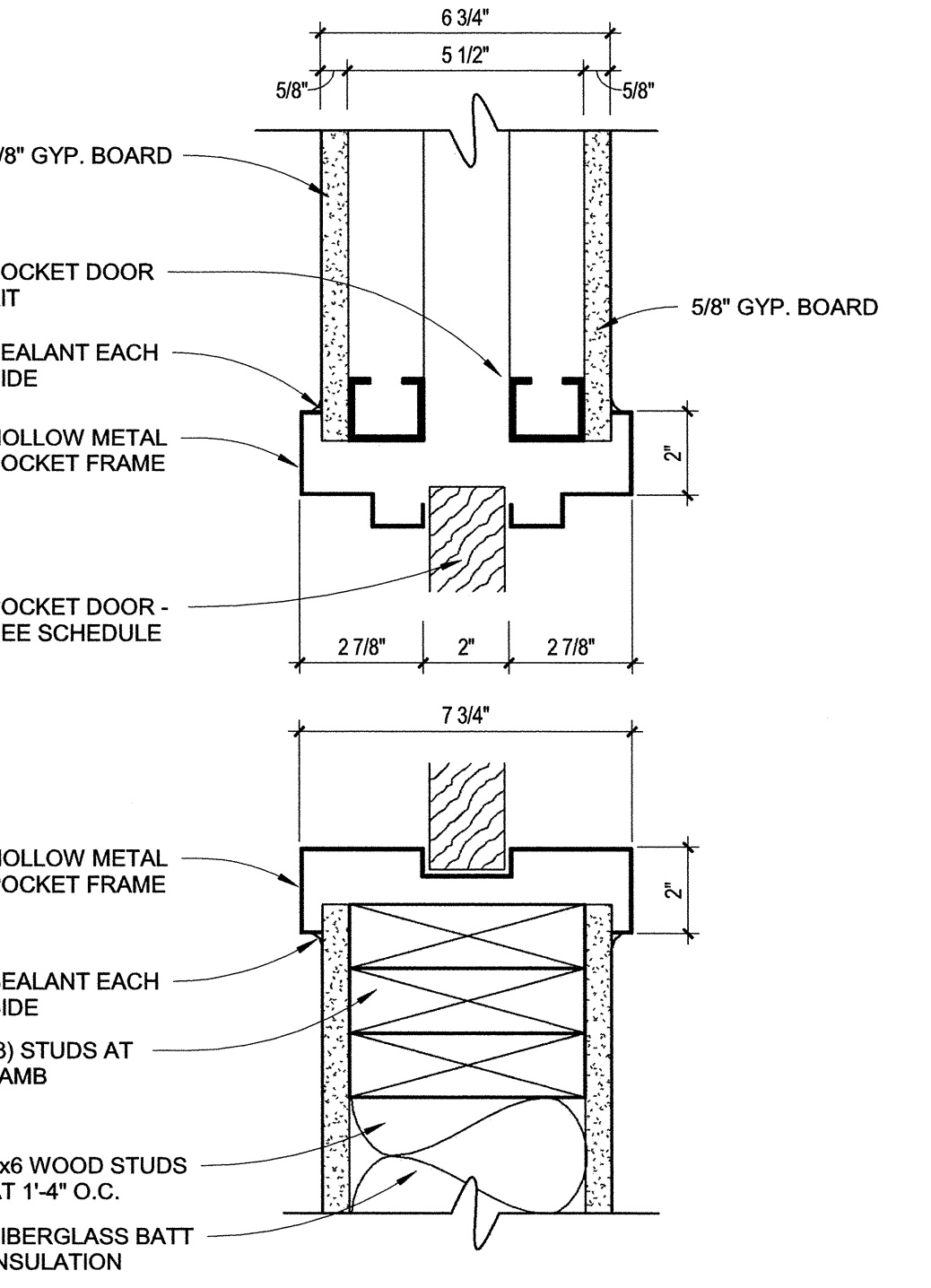
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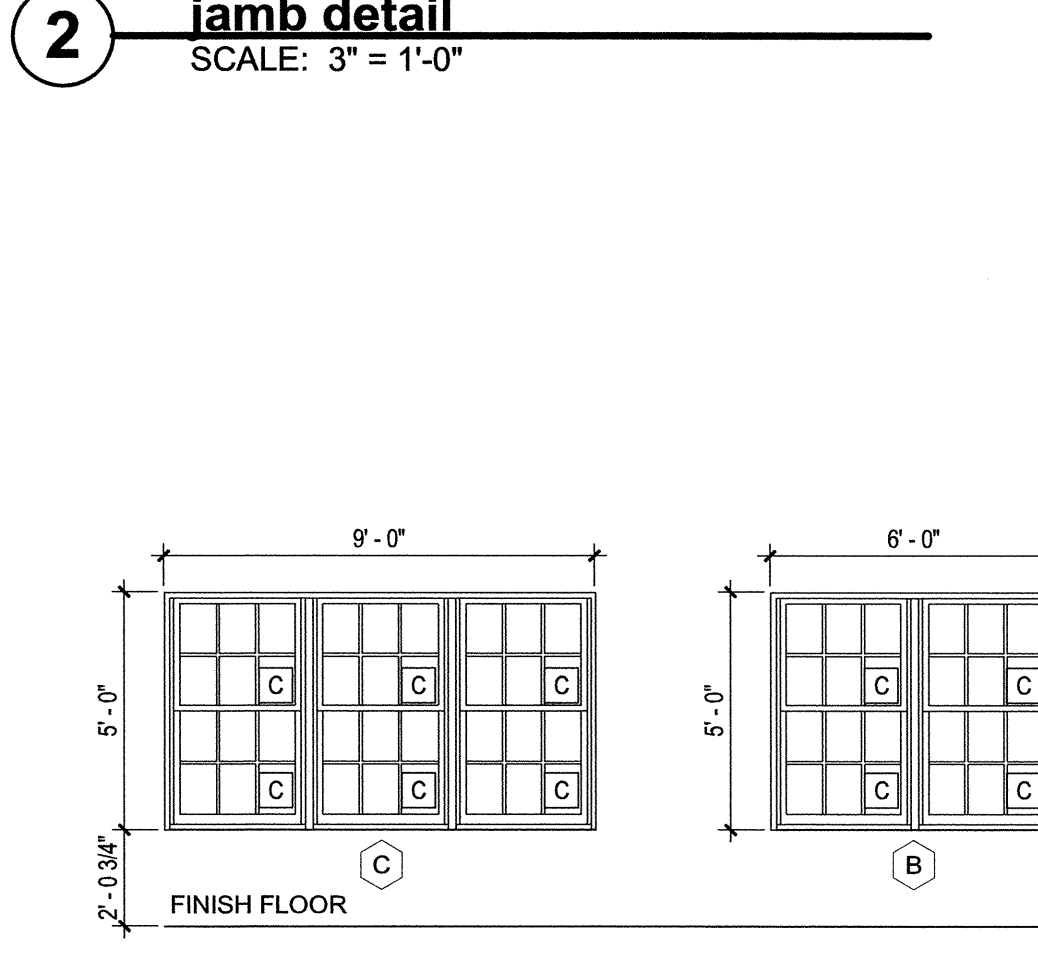
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SCALE: 3" = 1'-0"



1 head detail
SCALE: 3" = 1'-0"



2 jamb detail
SCALE: 3" = 1'-0"

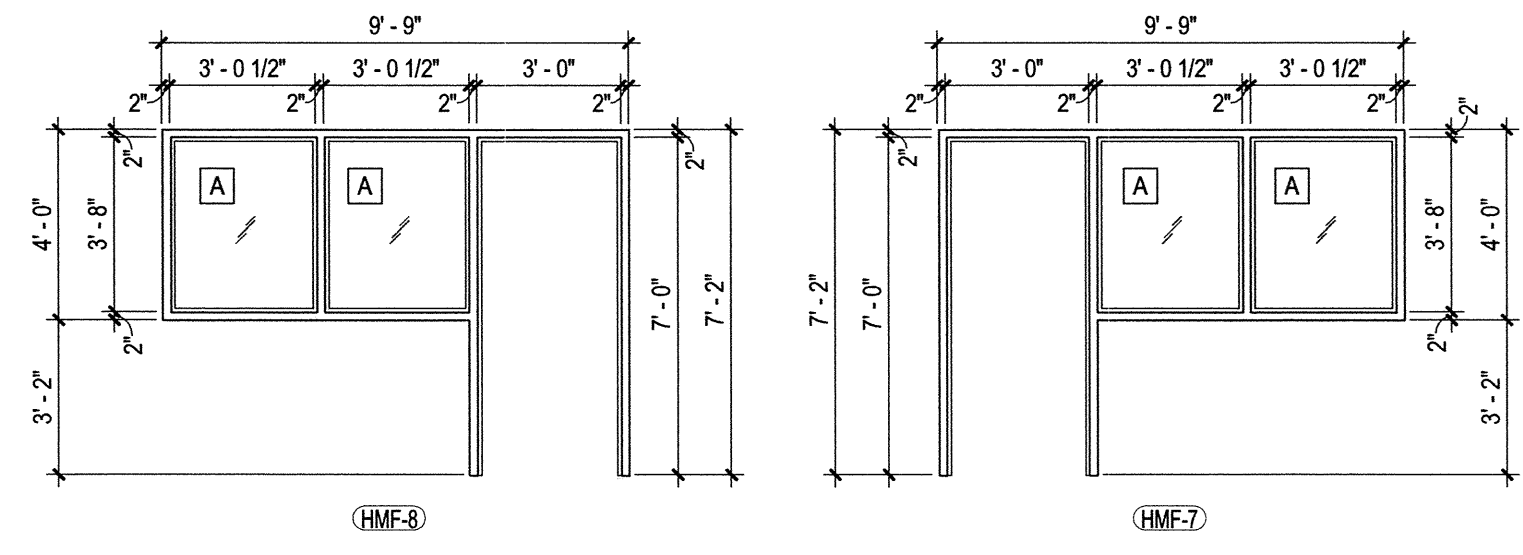


window schedule
1/4" = 1'-0"

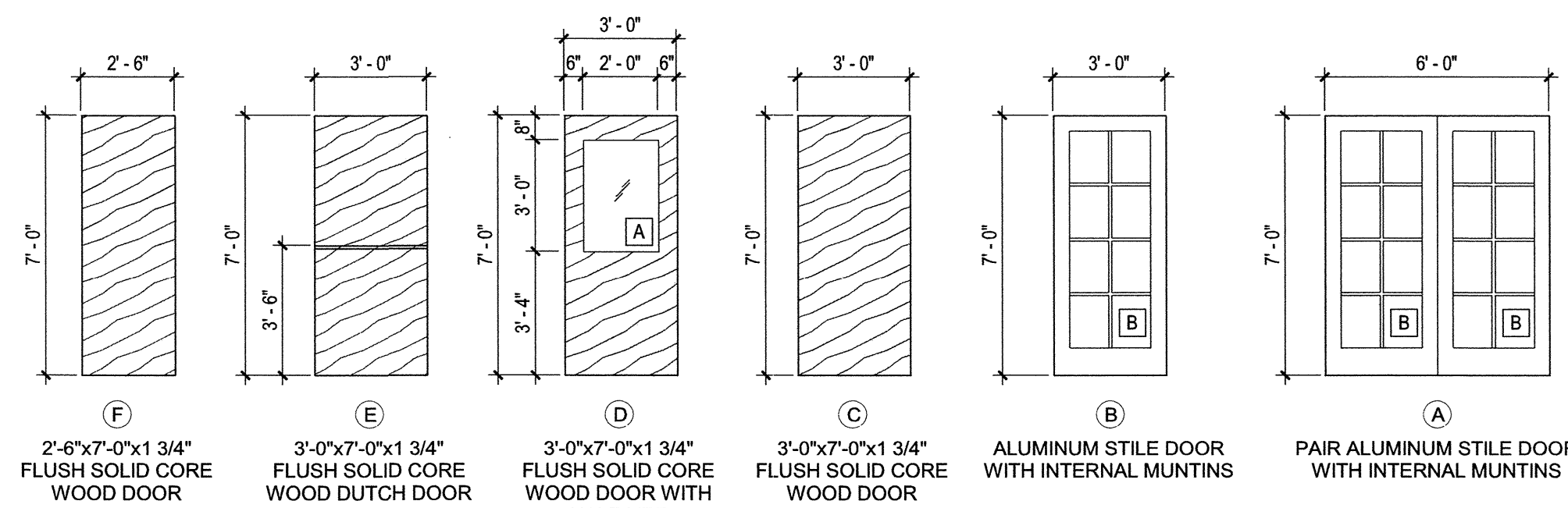
Door Number	DOOR							Label	HDWE	Remarks
	Type	Style	Threshold	Frame	Head	Jamb	Sill			
100	A	PAIR	ALUM.	AF-1	4/A002	5/A002 & 6/A002	7/A002	-----	1	
101	D	SINGLE	-----	HMF-5	5/A001	6/A001	-----	-----	5	
102	D	SINGLE	-----	HMF-4	5/A001	6/A001	-----	-----	5	
104	C	SINGLE	-----	HMF-1	5/A001	6/A001	-----	-----	5	
105	F	SINGLE	-----	HMF-3	5/A001	6/A001	-----	-----	8	
106	C	SINGLE	-----	HMF-1	5/A001	6/A001	-----	-----	8	
107	C	SINGLE	-----	HMF-1	5/A001	6/A001	-----	-----	6	
108	C	SINGLE	-----	HMF-1	5/A001	6/A001	-----	-----	5	
109	C	SINGLE	-----	HMF-1	5/A001	6/A001	-----	-----	6	
110	C	SINGLE	-----	HMF-1	5/A001	6/A001	-----	-----	5	
111	C	SINGLE	-----	HMF-1	3/A001	4/A001	-----	-----	5	
112	C	SINGLE	-----	HMF-1	3/A001	4/A001	-----	-----	6	
113	C	SINGLE	-----	HMF-1	3/A001	4/A001	-----	-----	6	
114	C	SINGLE	-----	HMF-1	3/A001	4/A001	-----	-----	6	
115A	B	SINGLE	ALUM.	AF-2	4/A002	5/A002 & 6/A002	7/A002	-----	2	
115B	B	SINGLE	ALUM.	AF-2	4/A002	5/A002 & 6/A002	7/A002	-----	2	
116A	D	SINGLE	-----	HMF-1	3/A001	4/A001	-----	-----	5	
116B	B	SINGLE	ALUM.	AF-2	4/A002	5/A002 & 6/A002	7/A002	-----	4	
117A	C	POCKET	-----	HMF-2	1/A001	2/A001	-----	-----	7	
117B	C	POCKET	-----	HMF-2	1/A001	2/A001	-----	-----	7	
118A	E	SINGLE	-----	HMF-8	5/A001	6/A001	-----	-----	9	
118B	E	SINGLE	-----	HMF-7	5/A001	6/A001	-----	-----	9	
119A	C	POCKET	-----	HMF-2	1/A001	2/A001	-----	-----	7	
119B	C	POCKET	-----	HMF-2	1/A001	2/A001	-----	-----	7	
120A	D	SINGLE	-----	HMF-1	3/A001	4/A001	-----	-----	5	
120B	B	SINGLE	ALUM.	AF-2	4/A002	5/A002 & 6/A002	7/A002	-----	4	
121A	D	SINGLE	-----	HMF-1	3/A001	4/A001	-----	-----	5	
121B	B	SINGLE	ALUM.	AF-2	4/A002	5/A002 & 6/A002	7/A002	-----	4	
122A	C	POCKET	-----	HMF-2	1/A001	2/A001	-----	-----	7	
122B	C	POCKET	-----	HMF-2	1/A001	2/A001	-----	-----	7	
123A	E	SINGLE	-----	HMF-8	5/A001	6/A001	-----	-----	9	
123B	E	SINGLE	-----	HMF-7	5/A001	6/A001	-----	-----	9	
124A	C	POCKET	-----	HMF-2	1/A001	2/A001	-----	-----	7	
124B	C	POCKET	-----	HMF-2	1/A001	2/A001	-----	-----	7	
125A	D	SINGLE	-----	HMF-1	3/A001	4/A001	-----	-----	5	
125B	B	SINGLE	ALUM.	AF-2	4/A002	5/A002 & 6/A002	7/A002	-----	3	

GLAZING LEGEND

A	1/4" TEMPERED CLEAR POLISHED PLATE GLASS
B	1" TEMPERED INSULATED GLASS
C	3/4" TEMPERED INSULATED GLASS



hollow metal frame schedule
1/4" = 1'-0"



visual door types
1/4" = 1'-0"

EARLY HEAD START FACILITY
CITY OF POCAHONTAS
Pocahontas, Arkansas

BRACKETT KRENNERICH
architects

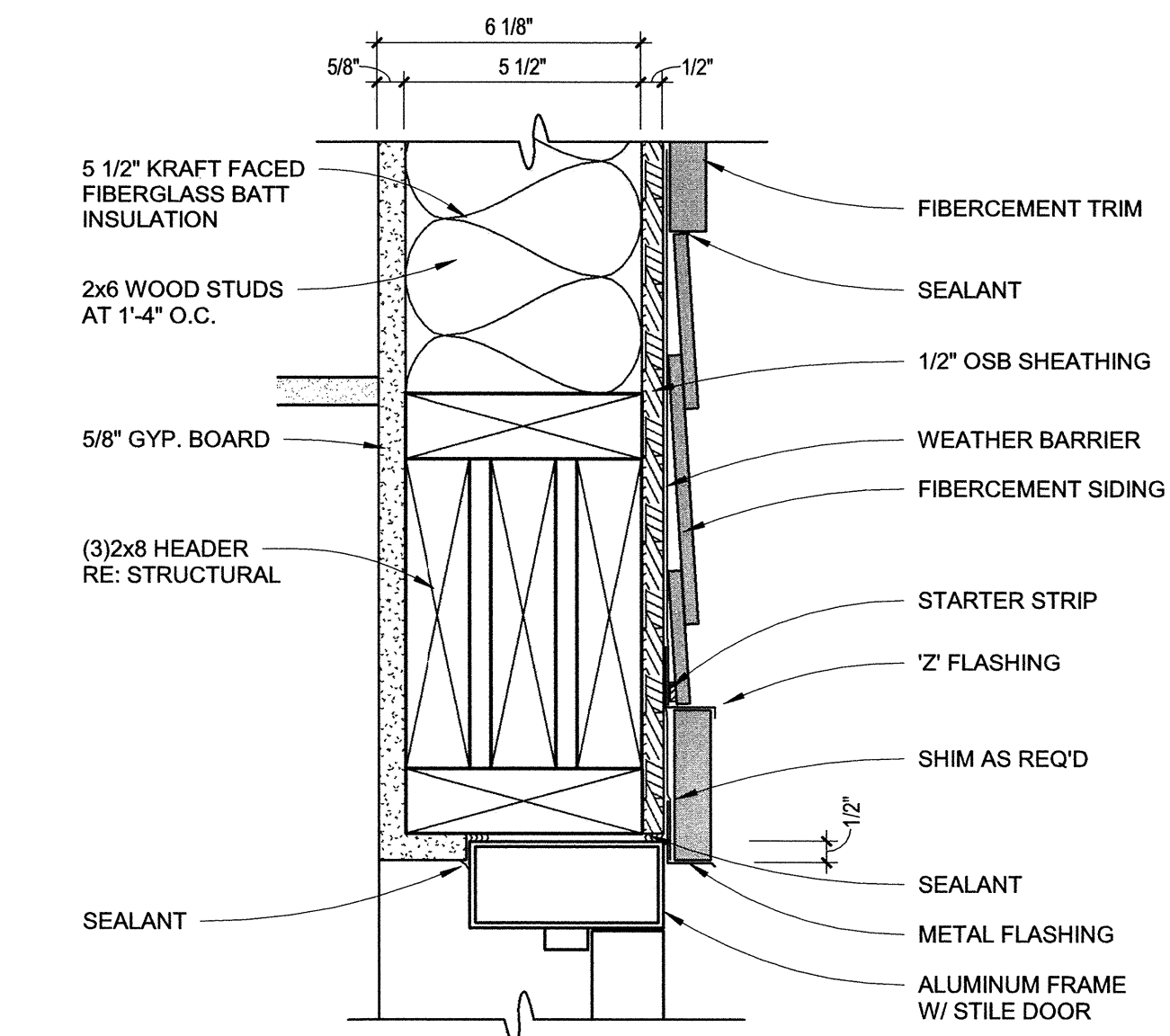
Rev. No.	Rev. Description	Rev. Date	Issued By



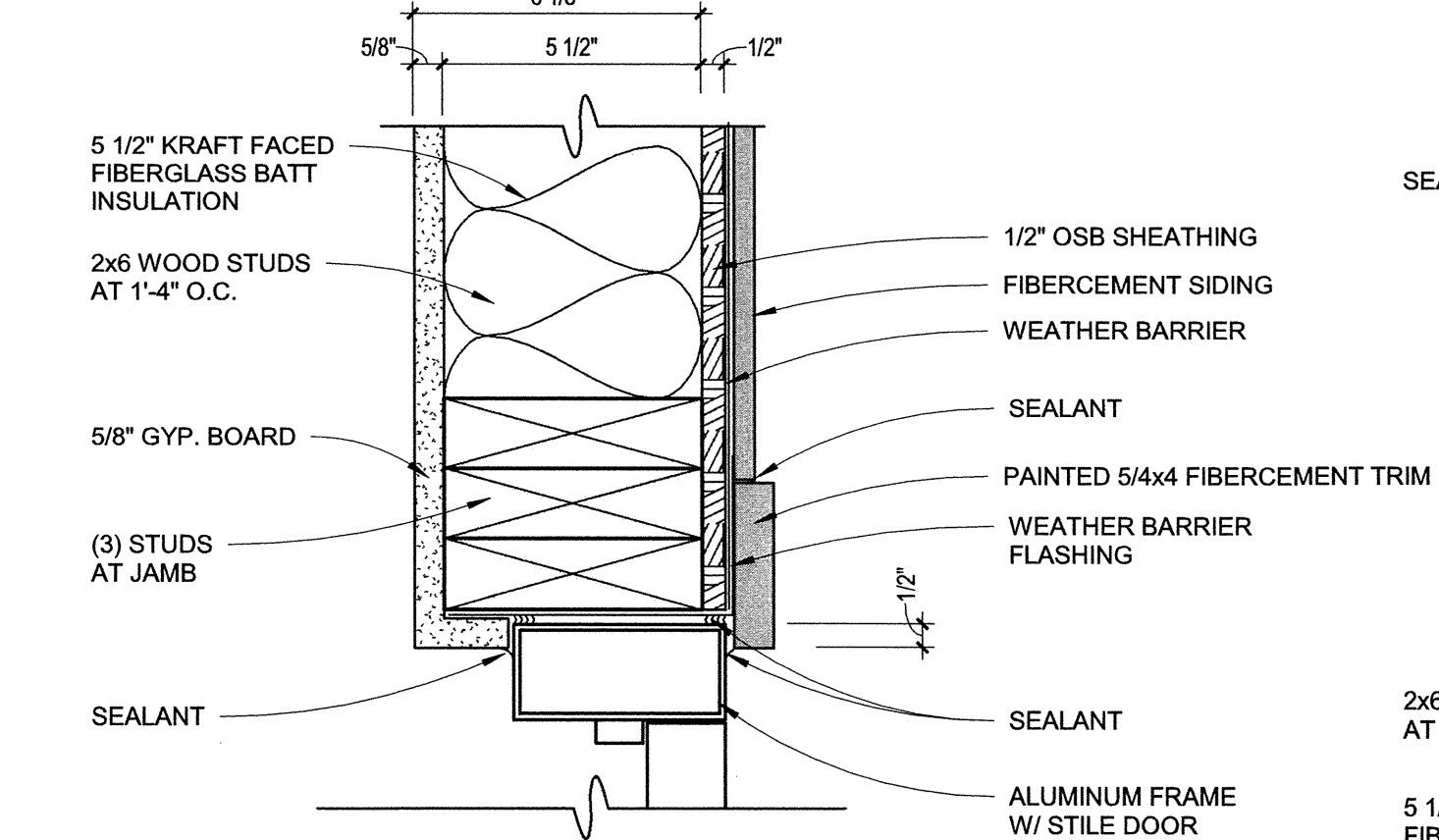
Commission Number
14617

A001

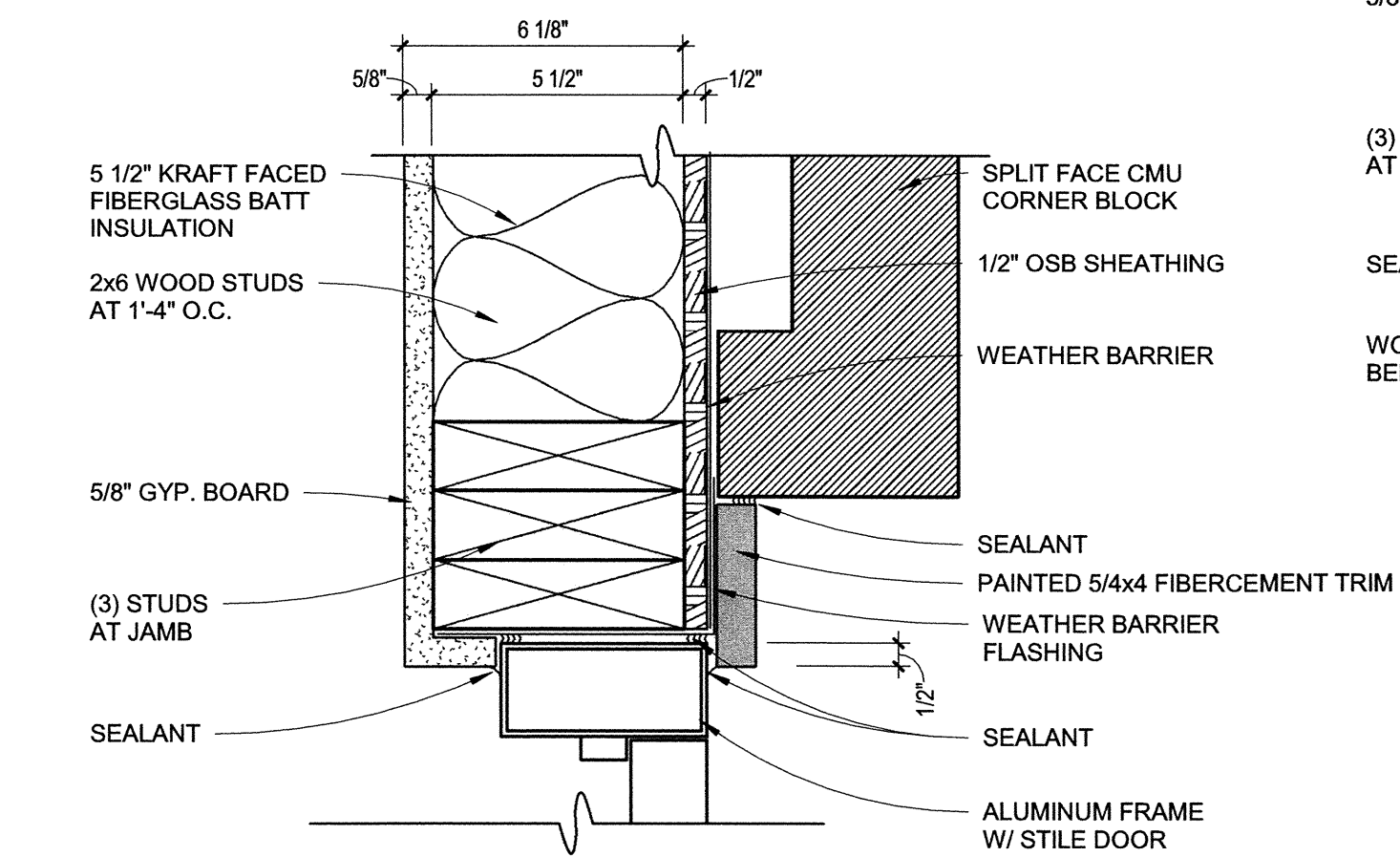
Date: August 16, 2019



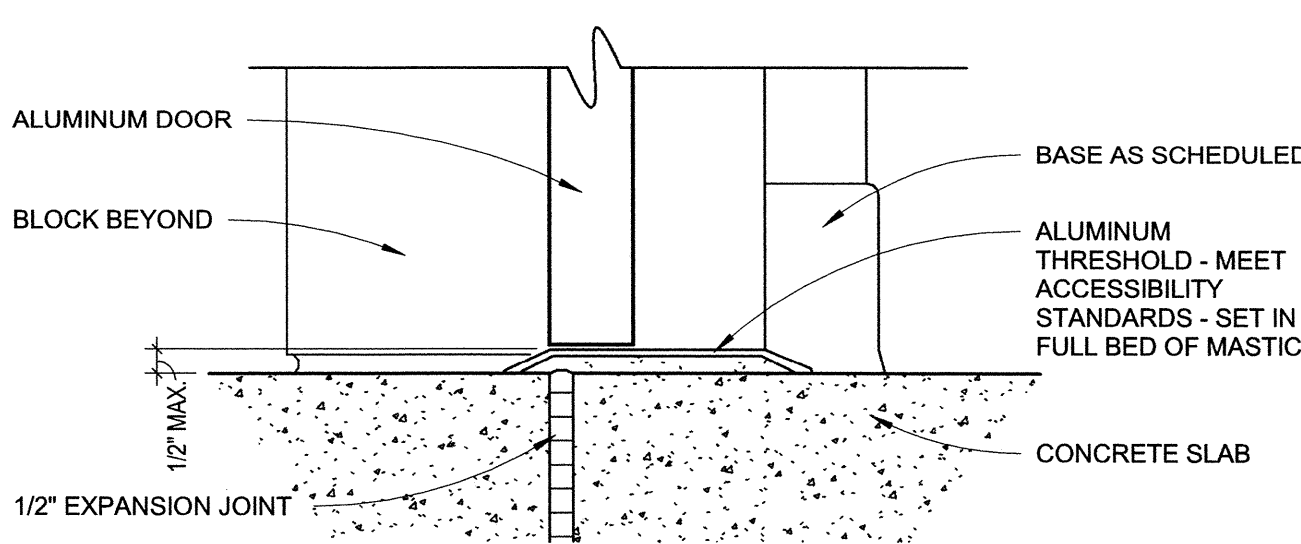
4 head detail
 SCALE: 3" = 1'-0"



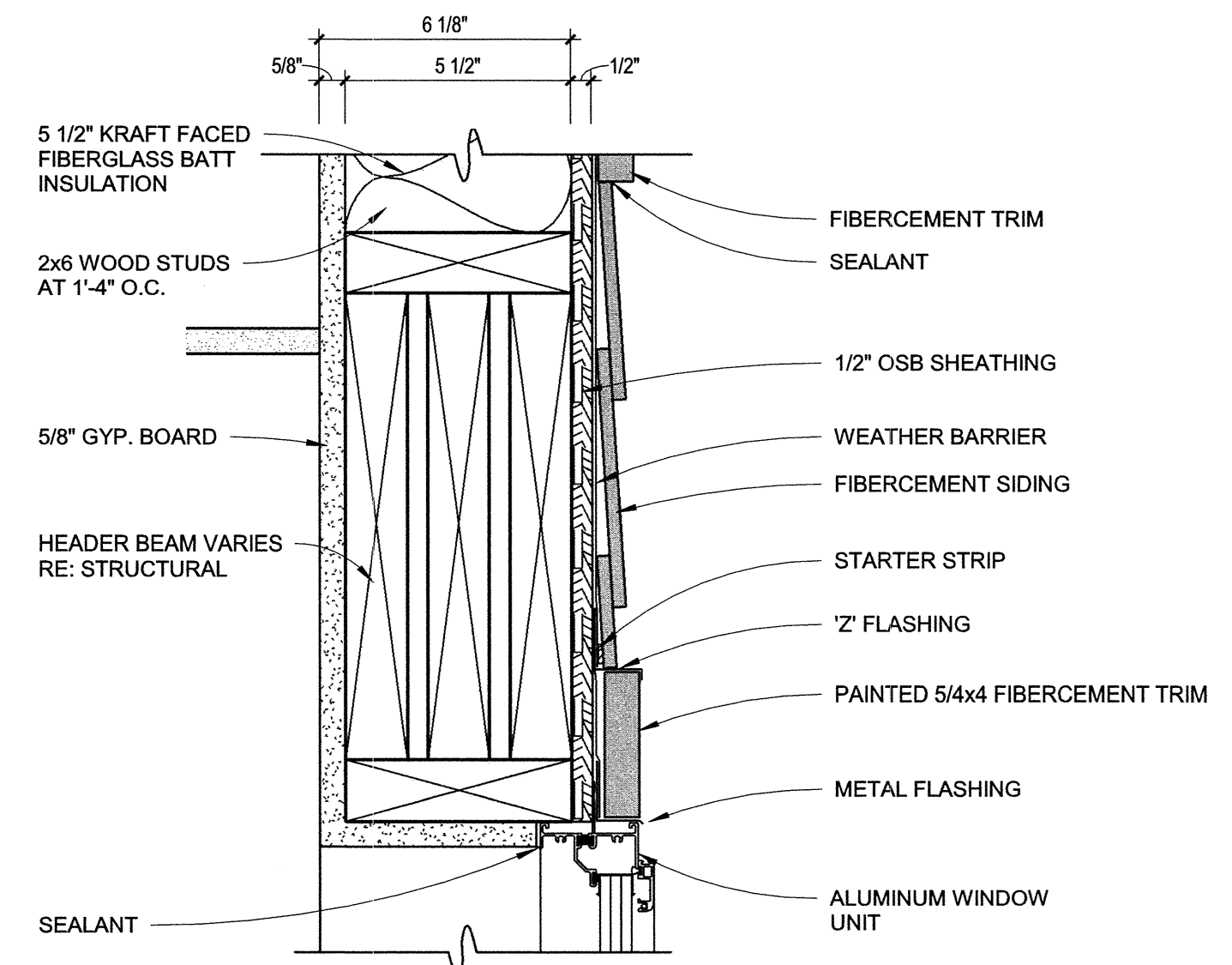
5 jamb detail
 SCALE: 3" = 1'-0"



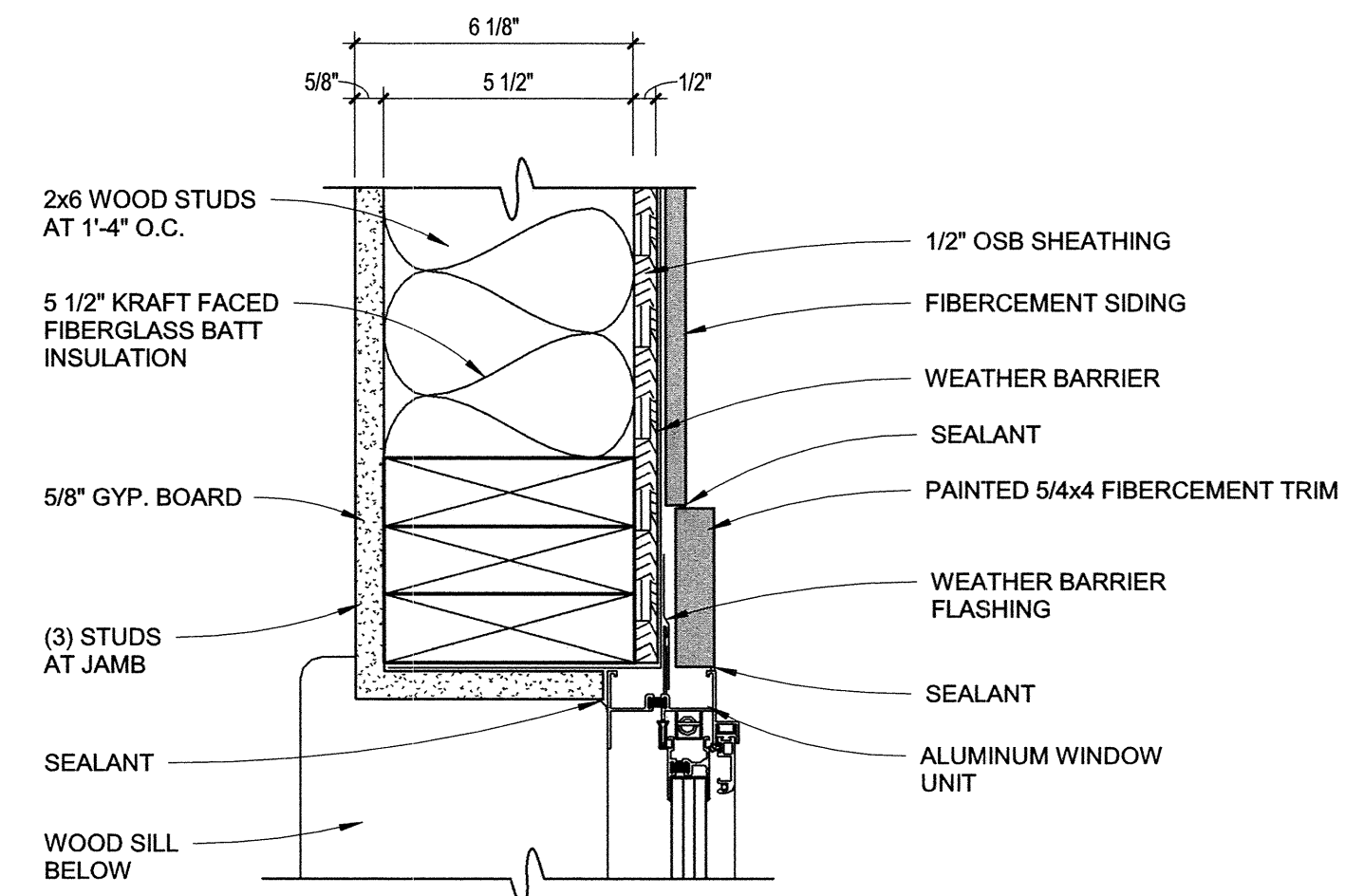
6 jamb detail
 SCALE: 3" = 1'-0"



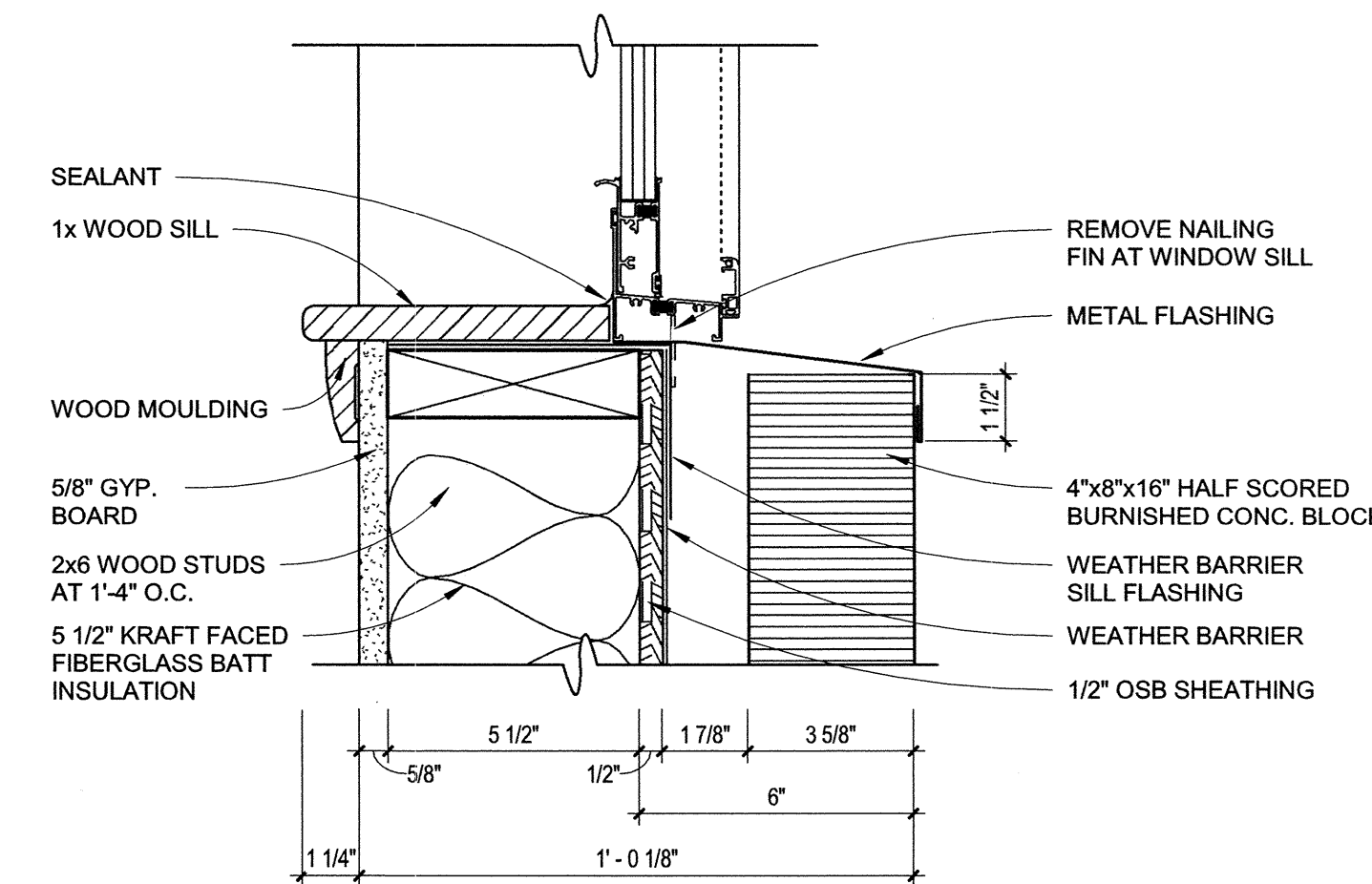
7 threshold detail
 SCALE: 3" = 1'-0"



1 head detail
 SCALE: 3" = 1'-0"



2 jamb detail
 SCALE: 3" = 1'-0"



3 sill detail
 SCALE: 3" = 1'-0"

EARLY HEAD START FACILITY
 CITY OF POCAHONTAS
 Pocahontas, Arkansas

**BRACKETT
 KRENNERICH**
 architects

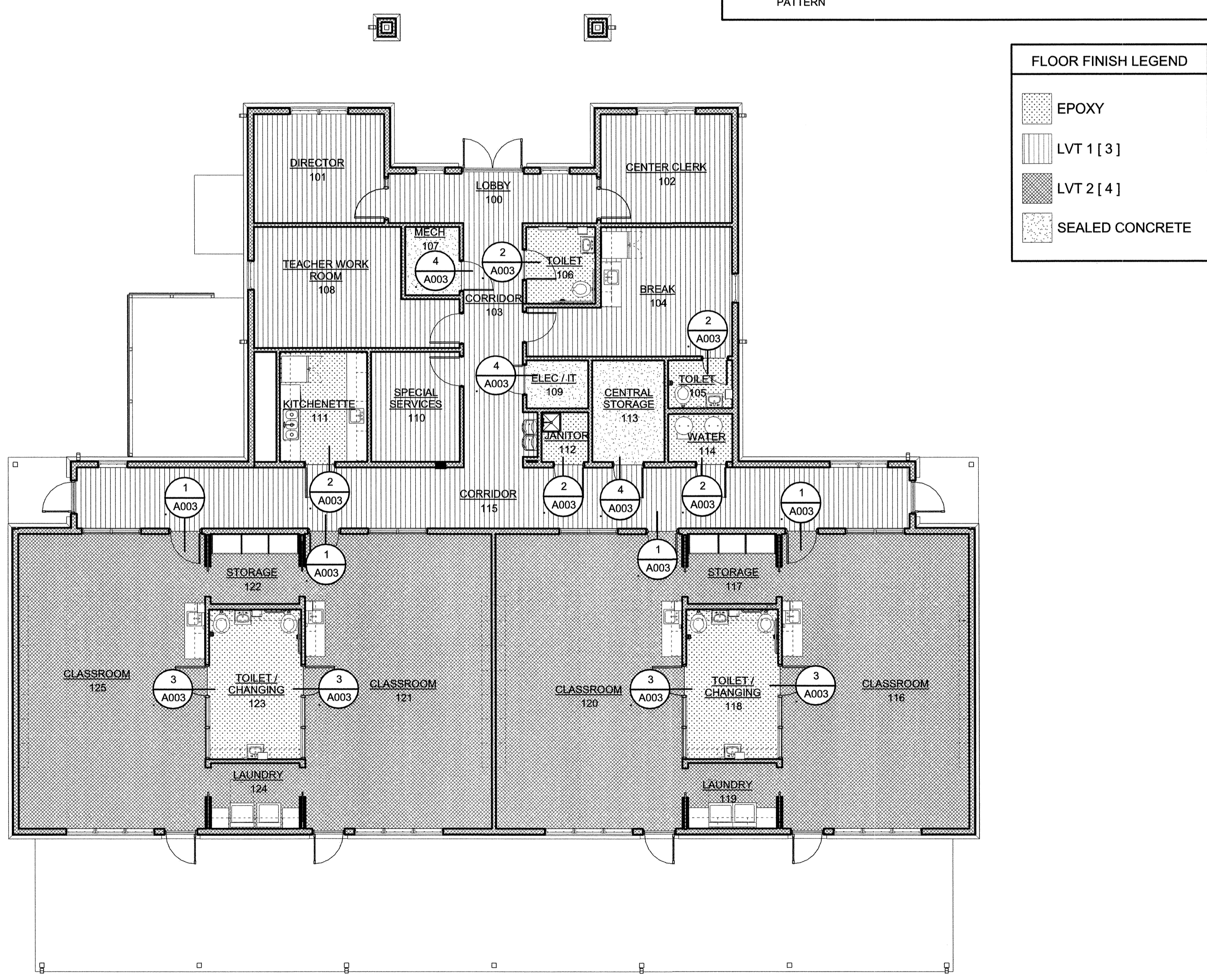
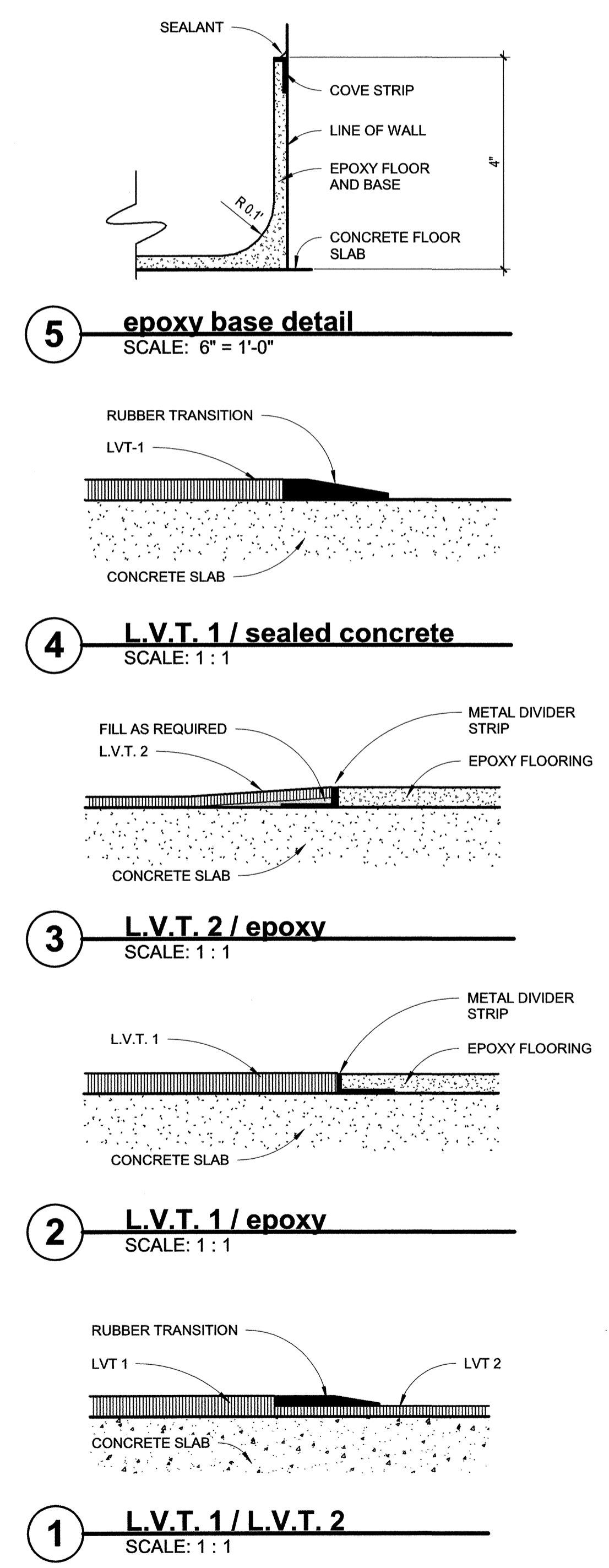
Revision Schedule		Issued	By
Tab.	Rev. Description	Rev. Date	



Commission Number
 14617
A002
 Date: August 16, 2019

FINISH SCHEDULE									
Room No.	Room Name	Floor Finish	Base	Wall Finish				Ceiling Finish	
				North	East	South	West		
100	LOBBY	LVT 1 [3]	RUBBER	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	2x2 SUSPENDED ACOUSTICAL CEILING TILE - TYPE 'A'	
101	DIRECTOR	LVT 1 [3]	RUBBER	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	2x2 SUSPENDED ACOUSTICAL CEILING TILE - TYPE 'A'	
102	CENTER CLERK	LVT 1 [3]	RUBBER	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	2x2 SUSPENDED ACOUSTICAL CEILING TILE - TYPE 'A'	
103	CORRIDOR	LVT 1 [3]	RUBBER	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	2x2 SUSPENDED ACOUSTICAL CEILING TILE - TYPE 'A' [1]	
104	BREAK	LVT 1 [3]	RUBBER	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	2x2 SUSPENDED ACOUSTICAL CEILING TILE - TYPE 'A'	
105	TOILET	EPOXY	EPOXY	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	2x2 SUSPENDED ACOUSTICAL CEILING TILE - TYPE 'A'	
106	TOILET	EPOXY	EPOXY	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	2x2 SUSPENDED ACOUSTICAL CEILING TILE - TYPE 'A'	
107	MECH	SEALED CONCRETE	RUBBER	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	
108	TEACHER WORK ROOM	LVT 1 [3]	RUBBER	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	2x2 SUSPENDED ACOUSTICAL CEILING TILE - TYPE 'A'	
109	ELEC / IT	SEALED CONCRETE	RUBBER	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	
110	SPECIAL SERVICES	LVT 1 [3]	RUBBER	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	2x2 SUSPENDED ACOUSTICAL CEILING TILE - TYPE 'A'	
111	KITCHENETTE	EPOXY	EPOXY	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	2x2 SUSPENDED ACOUSTICAL CEILING TILE - TYPE 'B'	
112	JANITOR	EPOXY	EPOXY	PAINTED GYP. BOARD [2]	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD [2]	PAINTED GYP. BOARD	
113	CENTRAL STORAGE	SEALED CONCRETE	RUBBER	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	2x2 SUSPENDED ACOUSTICAL CEILING TILE - TYPE 'A'	
114	WATER	EPOXY	EPOXY	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	
115	CORRIDOR	LVT 1 [3]	RUBBER	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	2x2 SUSPENDED ACOUSTICAL CEILING TILE - TYPE 'A'	
116	CLASSROOM	LVT 2 [4]	RUBBER	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	2x2 SUSPENDED ACOUSTICAL CEILING TILE - TYPE 'A'	
117	STORAGE	LVT 2 [4]	RUBBER	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	
118	TOILET / CHANGING	EPOXY	EPOXY	EPOXY COATED GYP. BOARD	EPOXY COATED GYP. BOARD	EPOXY COATED GYP. BOARD	EPOXY COATED GYP. BOARD	2x2 SUSPENDED ACOUSTICAL CEILING TILE - TYPE 'A'	
119	LAUNDRY	LVT 2 [4]	RUBBER	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	
120	CLASSROOM	LVT 2 [4]	RUBBER	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	2x2 SUSPENDED ACOUSTICAL CEILING TILE - TYPE 'A'	
121	CLASSROOM	LVT 2 [4]	RUBBER	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	2x2 SUSPENDED ACOUSTICAL CEILING TILE - TYPE 'A'	
122	STORAGE	LVT 2 [4]	RUBBER	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	
123	TOILET / CHANGING	EPOXY	EPOXY	EPOXY COATED GYP. BOARD	EPOXY COATED GYP. BOARD	EPOXY COATED GYP. BOARD	EPOXY COATED GYP. BOARD	2x2 SUSPENDED ACOUSTICAL CEILING TILE - TYPE 'A'	
124	LAUNDRY	LVT 2 [4]	RUBBER	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	
125	CLASSROOM	LVT 2 [4]	RUBBER	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	PAINTED GYP. BOARD	2x2 SUSPENDED ACOUSTICAL CEILING TILE - TYPE 'A'	

- FINISH SCHEDULE GENERAL NOTES**
- [1] PAINTED GYP. BOARD BULKHEADS
 - [2] PROVIDE CERAMIC TILE WAINSCOT ON WALL BEHIND JANITOR SINK. REFER TO SHEET A600 FOR ELEVATION.
 - [3] INSTALL LUXURY VINYL PLANK (LVT 1) WITH A 1/3 DROP PATTERN
 - [4] INSTALL LUXURY VINYL PLANK (LVT 1) WITH AN ASHLAR PATTERN



FLOOR FINISH LEGEND

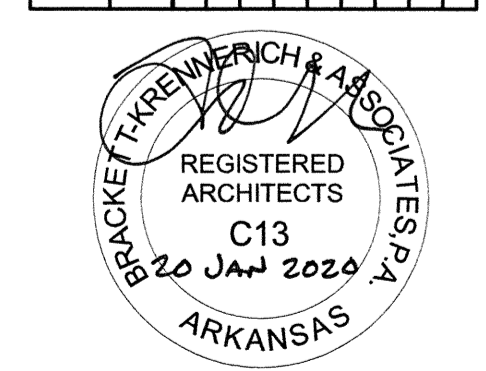
[Pattern]	EPOXY
[Pattern]	LVT 1 [3]
[Pattern]	LVT 2 [4]
[Pattern]	SEALED CONCRETE

n finish floor plan
SCALE: 1/8" = 1'-0"

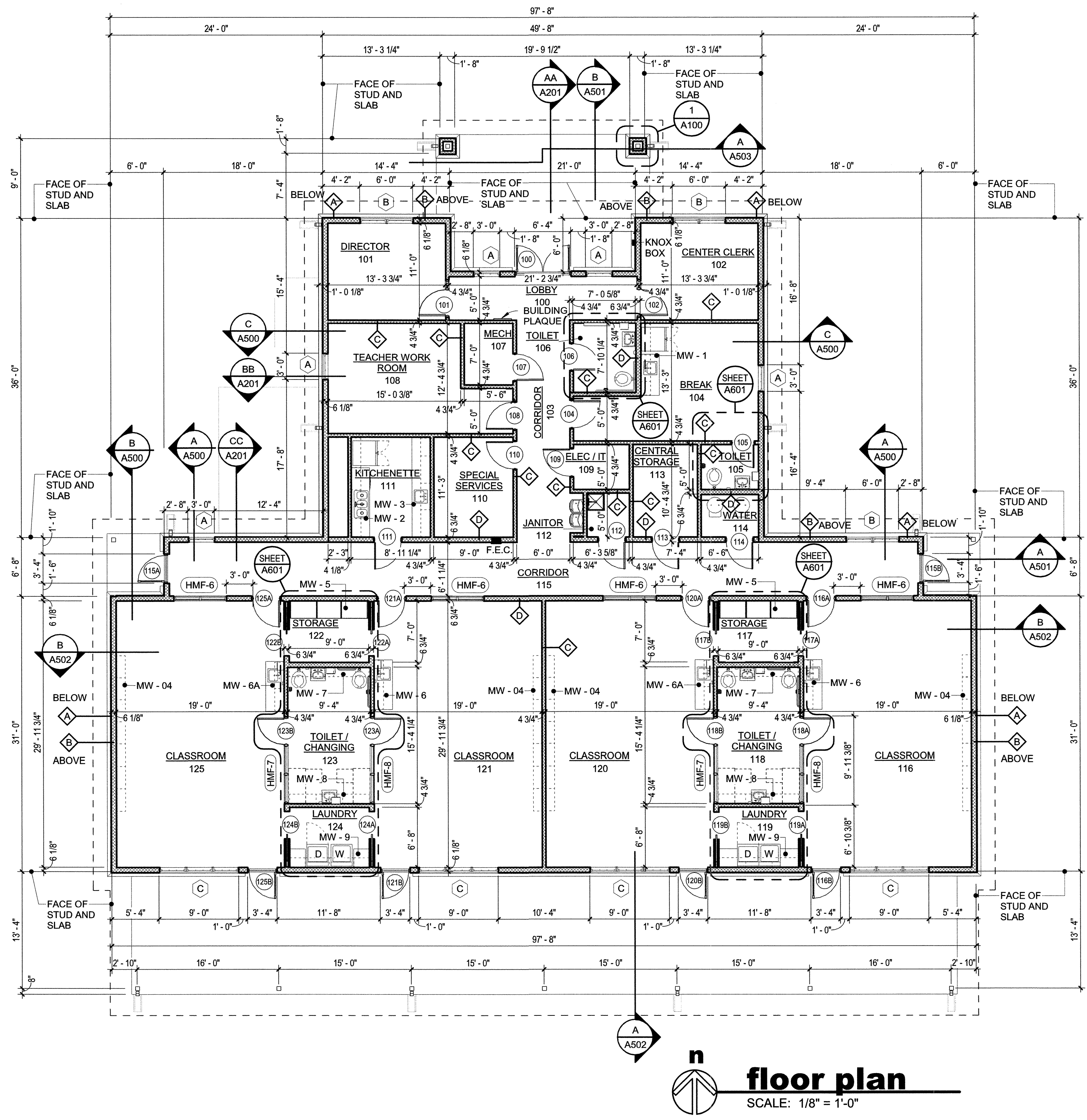
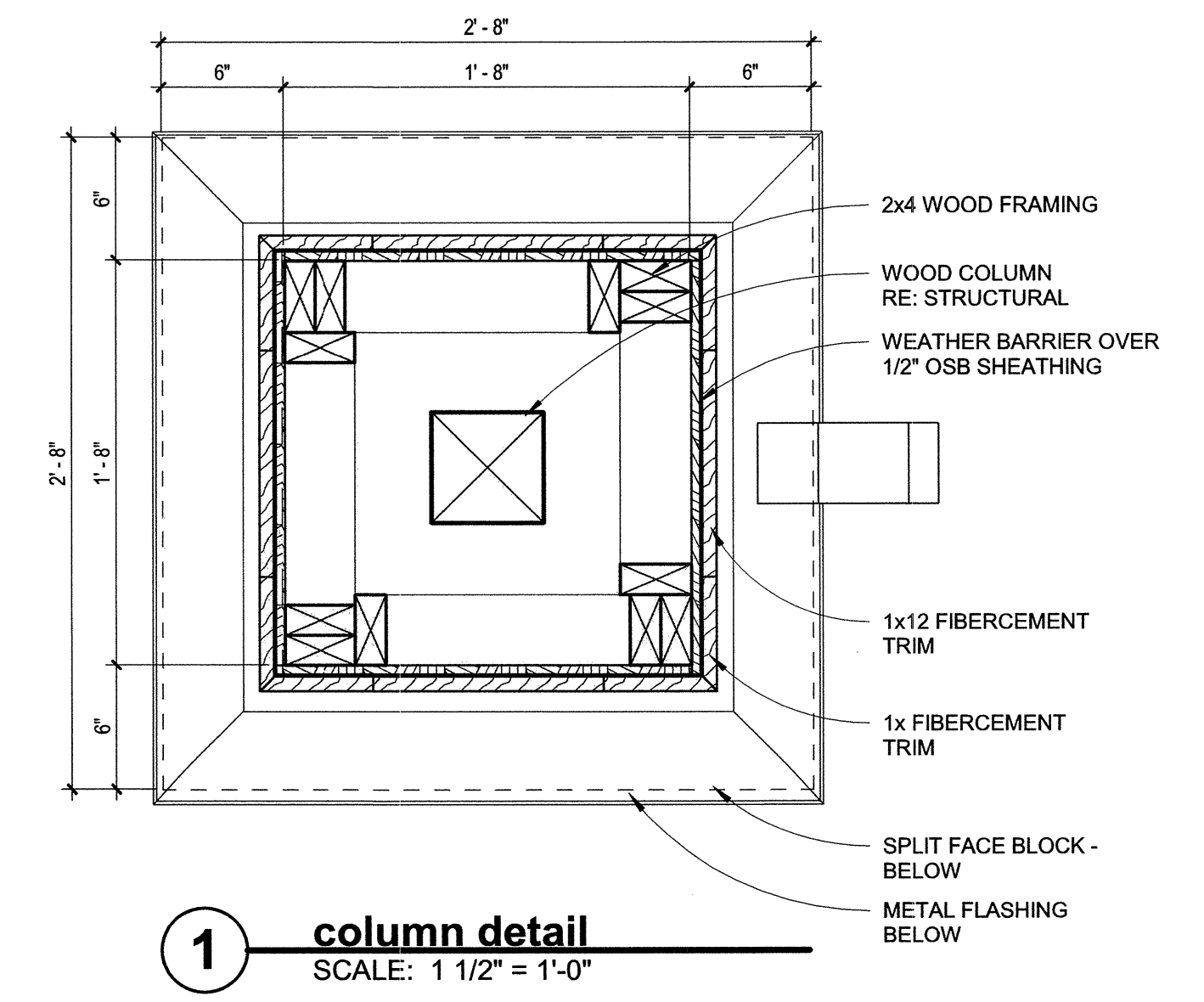
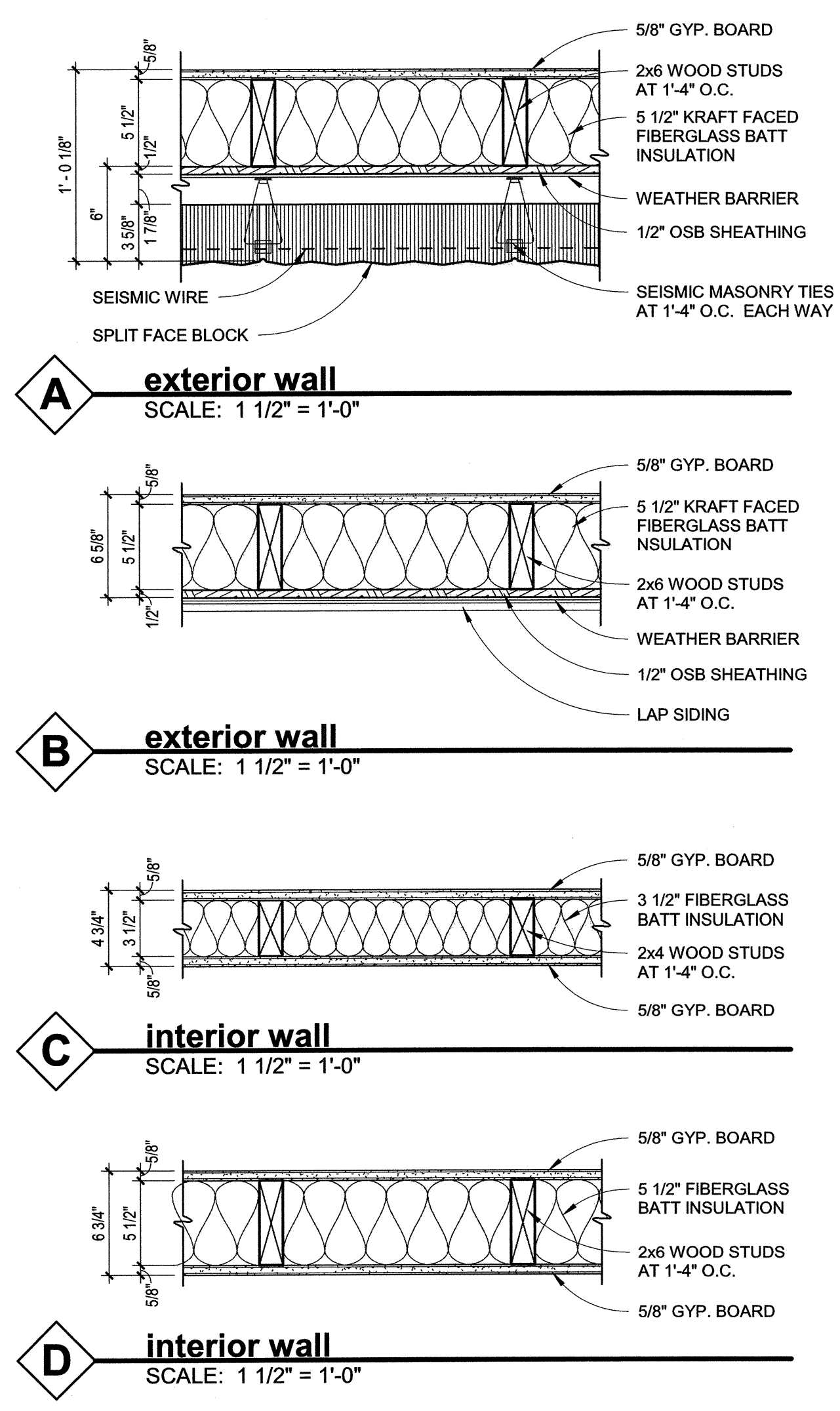
EARLY HEAD START FACILITY
CITY OF POCAHONTAS
Pocahontas, Arkansas

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KRENNERICH**
architects

Rev.	Description	Rev. Date	Issued By



Commission Number
14617
A003
Date: August 16, 2019



Revision Schedule	Issued
Rev. Description	Rev. Date
Tag	



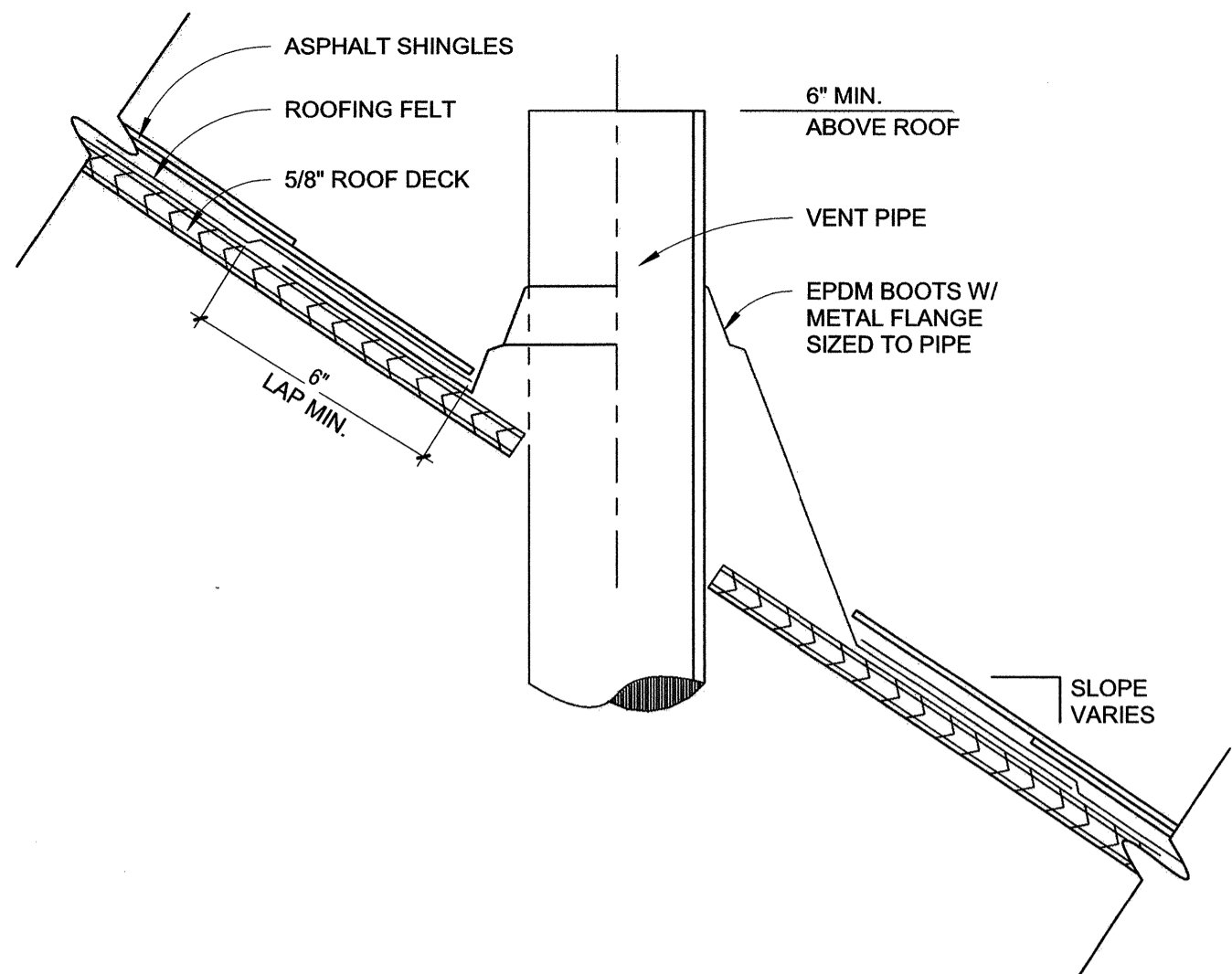
Commission Number
14617

A100

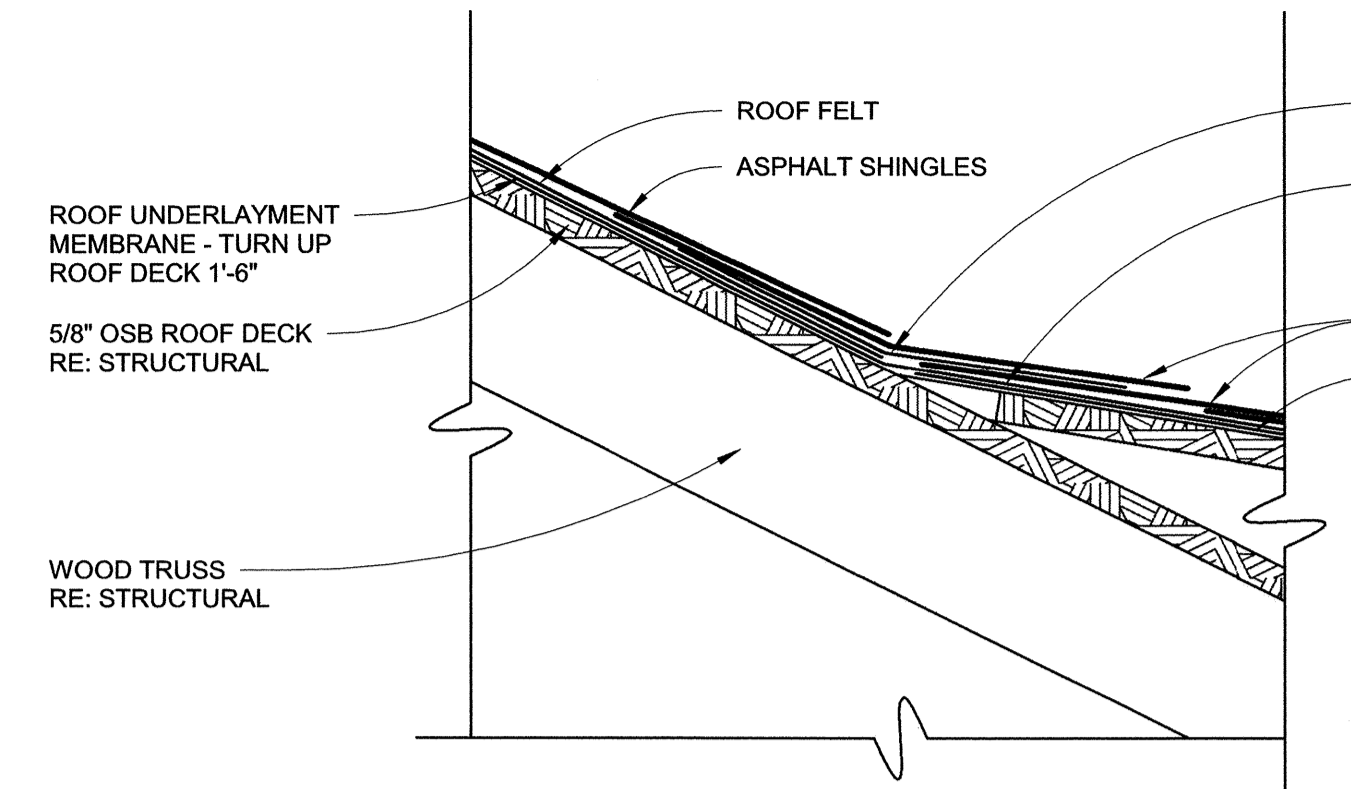
Date: August 16, 2019

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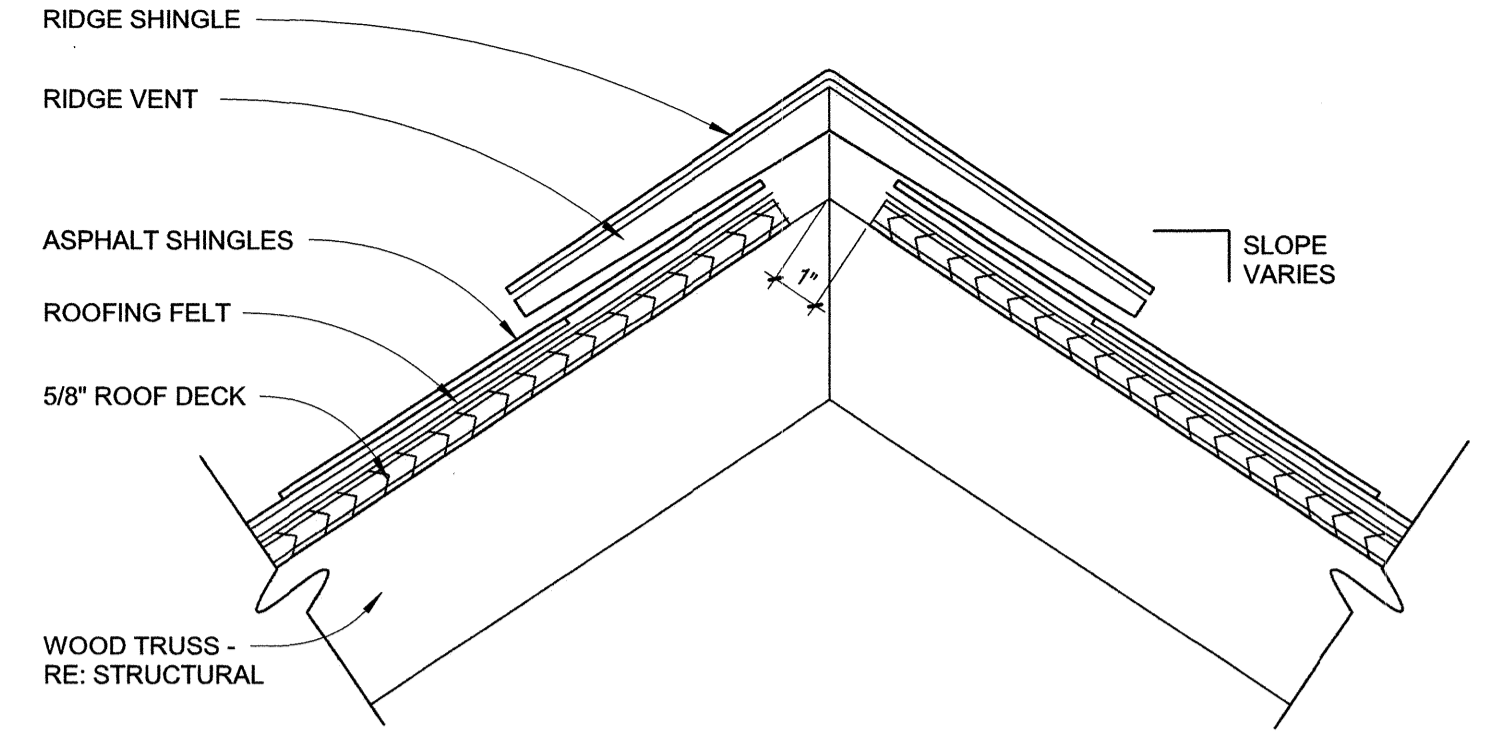
**EARLY HEAD START FACILITY
CITY OF POCAHONTAS**
Pocahontas, Arkansas



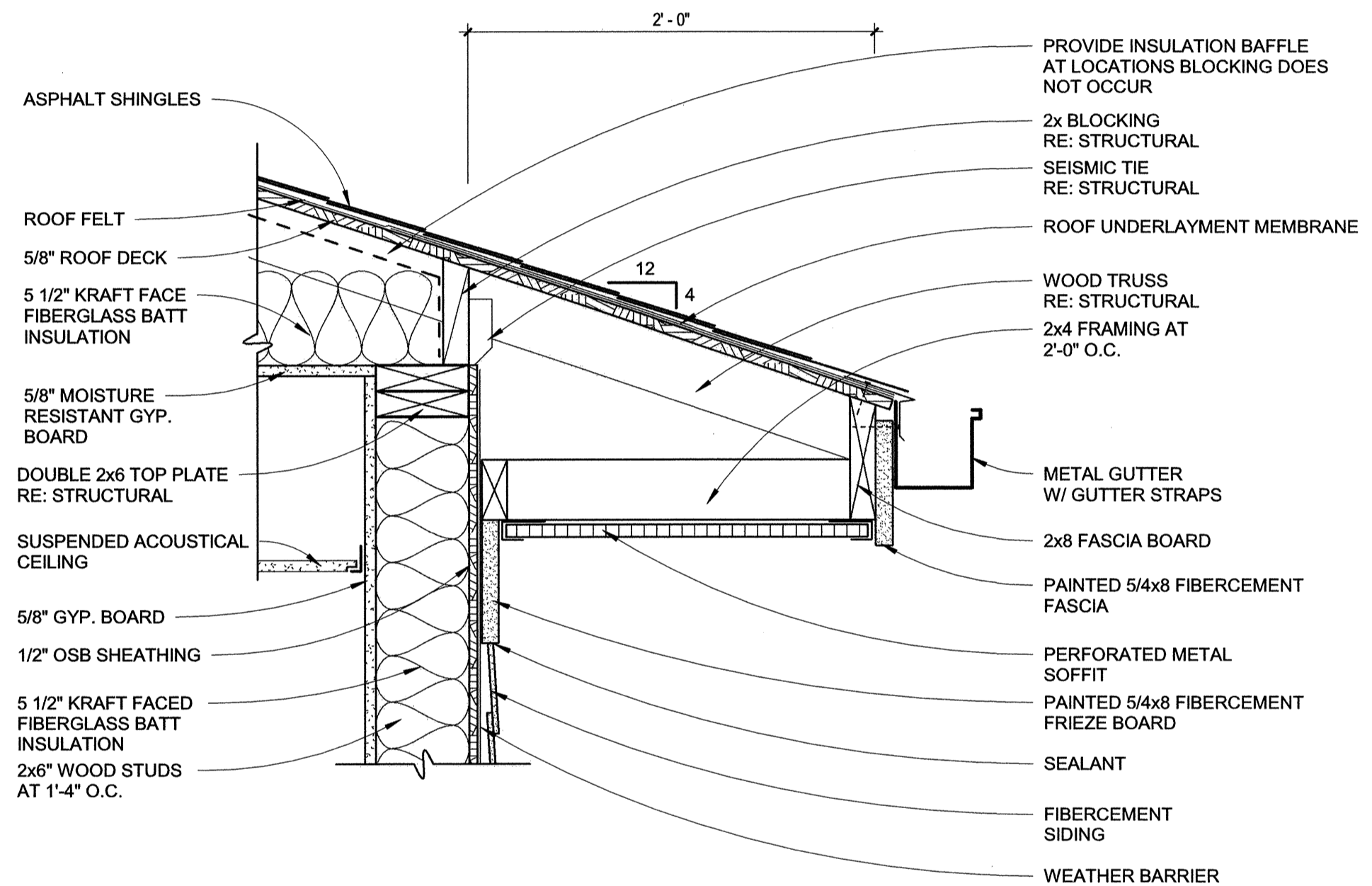
3 vtr detail shingle
SCALE: 3" = 1'-0"



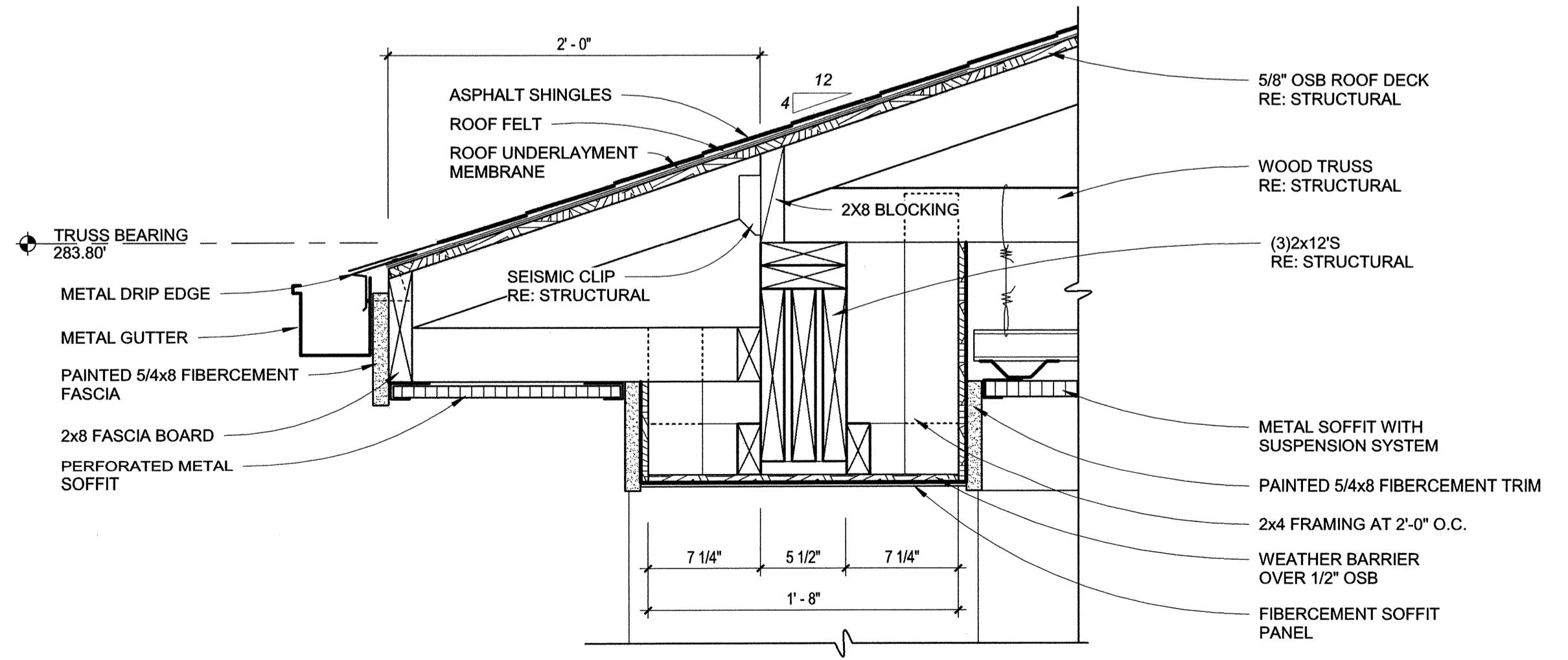
2 valley detail at low slope roof
SCALE: 3" = 1'-0"



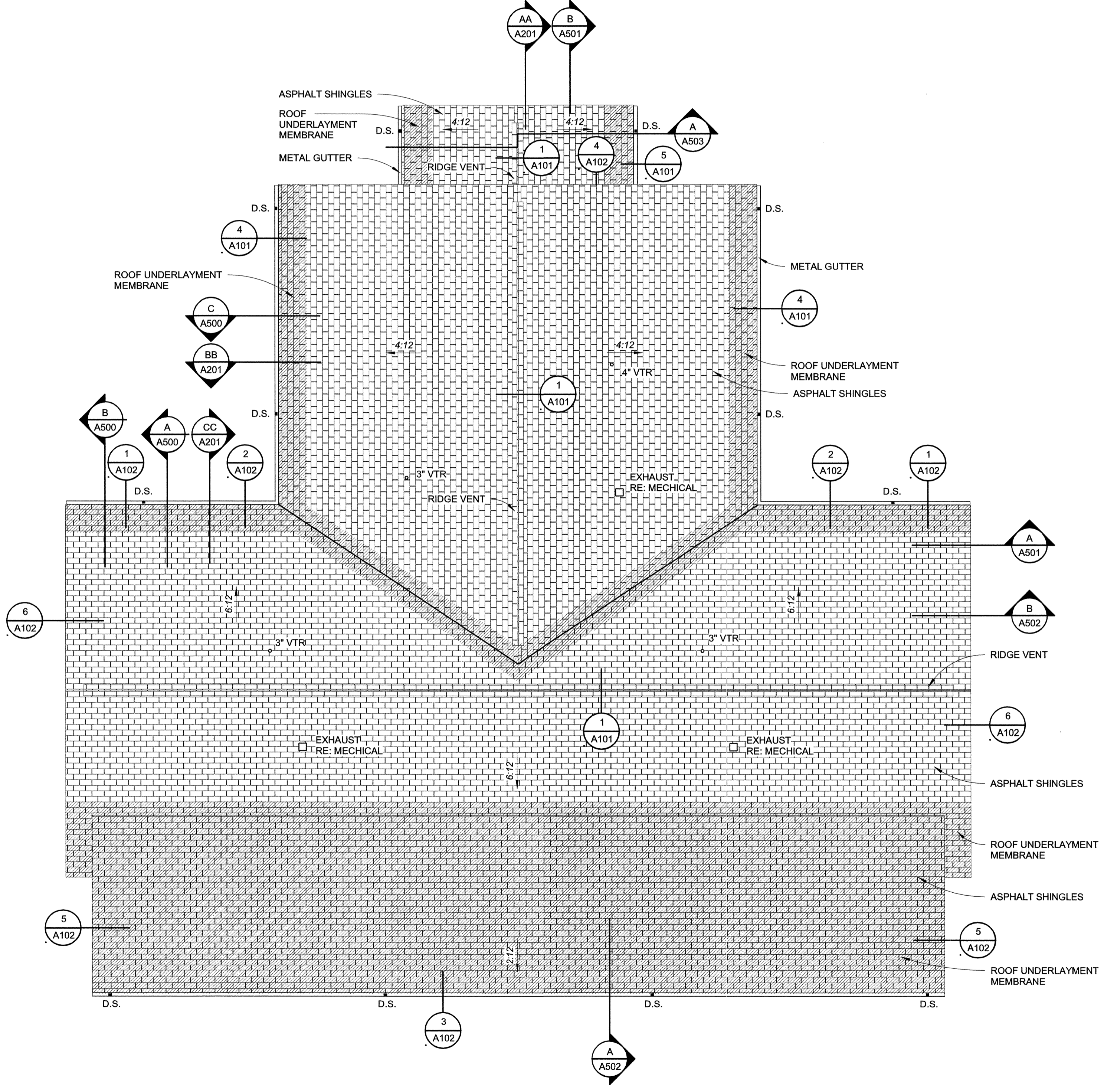
1 ridge vent detail
SCALE: 3" = 1'-0"



4 fascia detail at eave
SCALE: 1 1/2" = 1'-0"



5 soffit / gutter detail
SCALE: 1 1/2" = 1'-0"



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

EARLY HEAD START FACILITY
CITY OF POCAHONTAS
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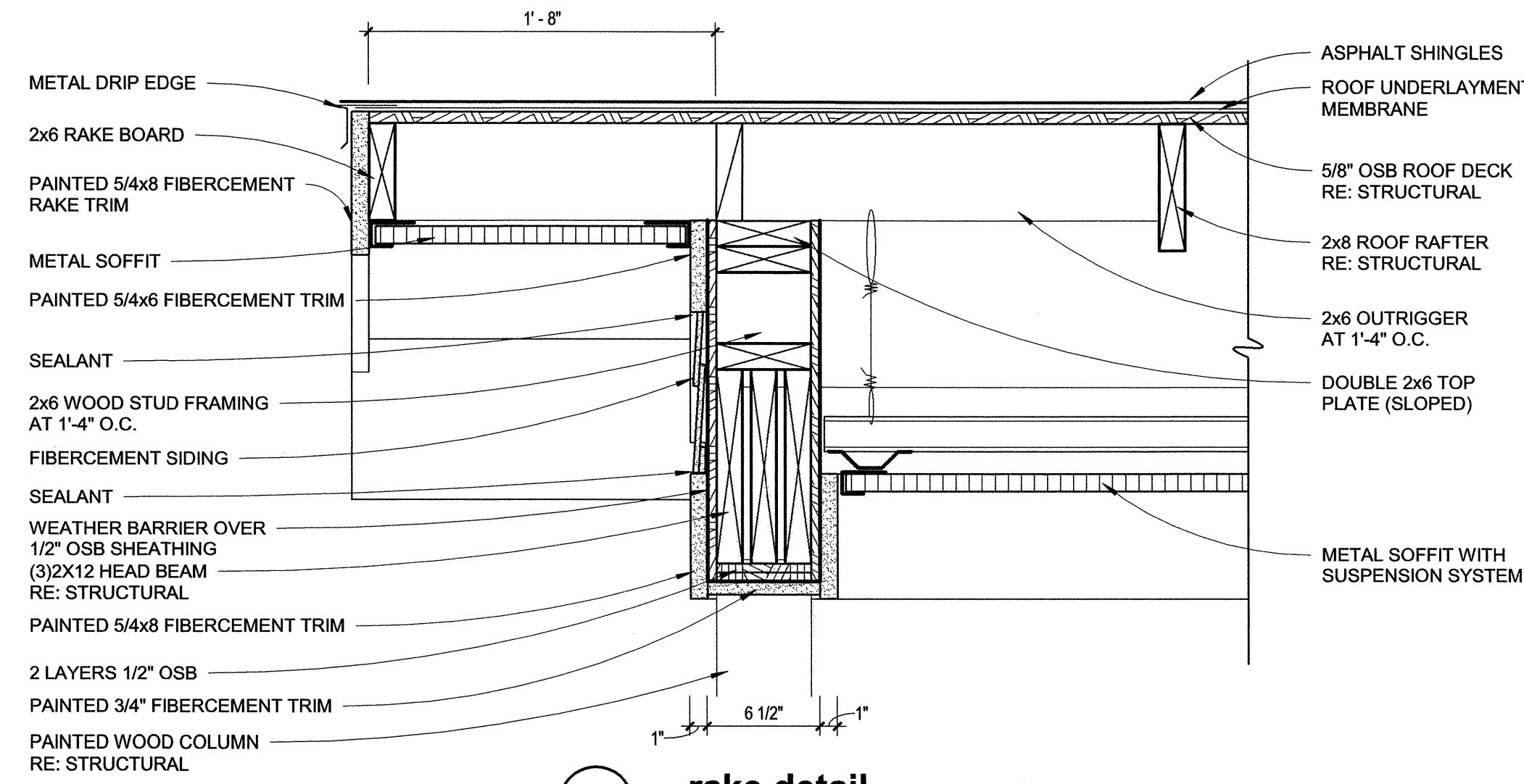
Revision Schedule	Issued		
Tab	Rev. Description	Rev. Date	Issued by



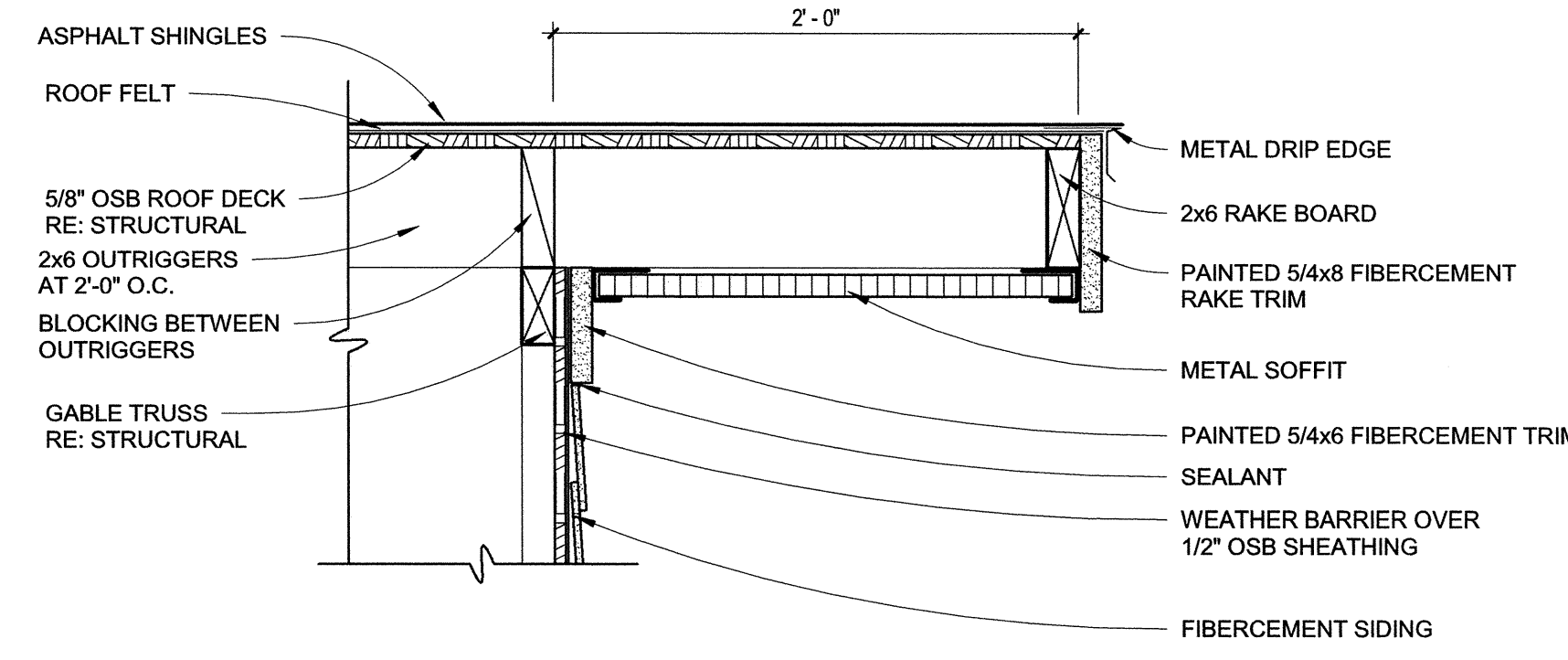
Commission Number
14617

A101

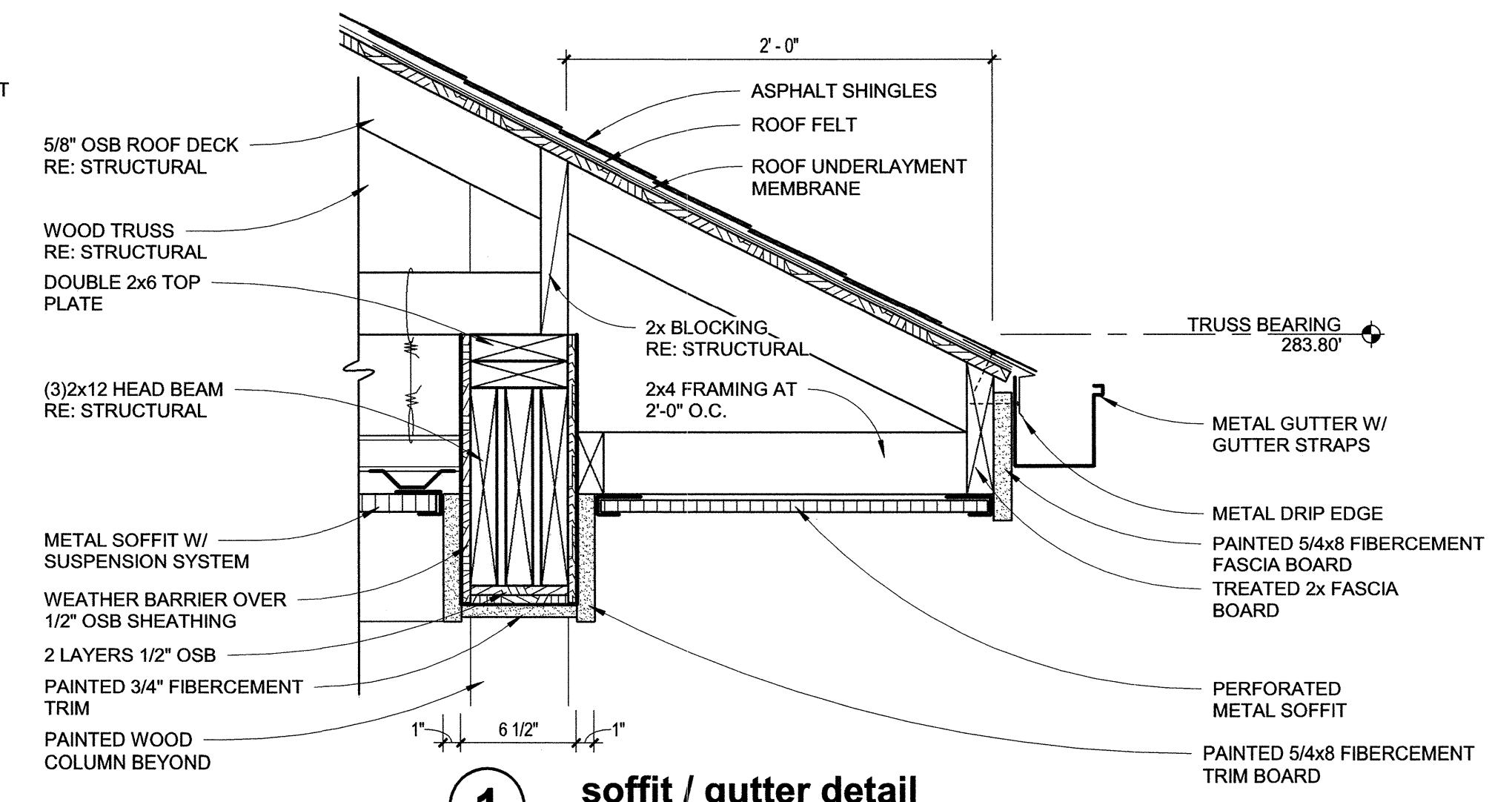
Date: August 16, 2019



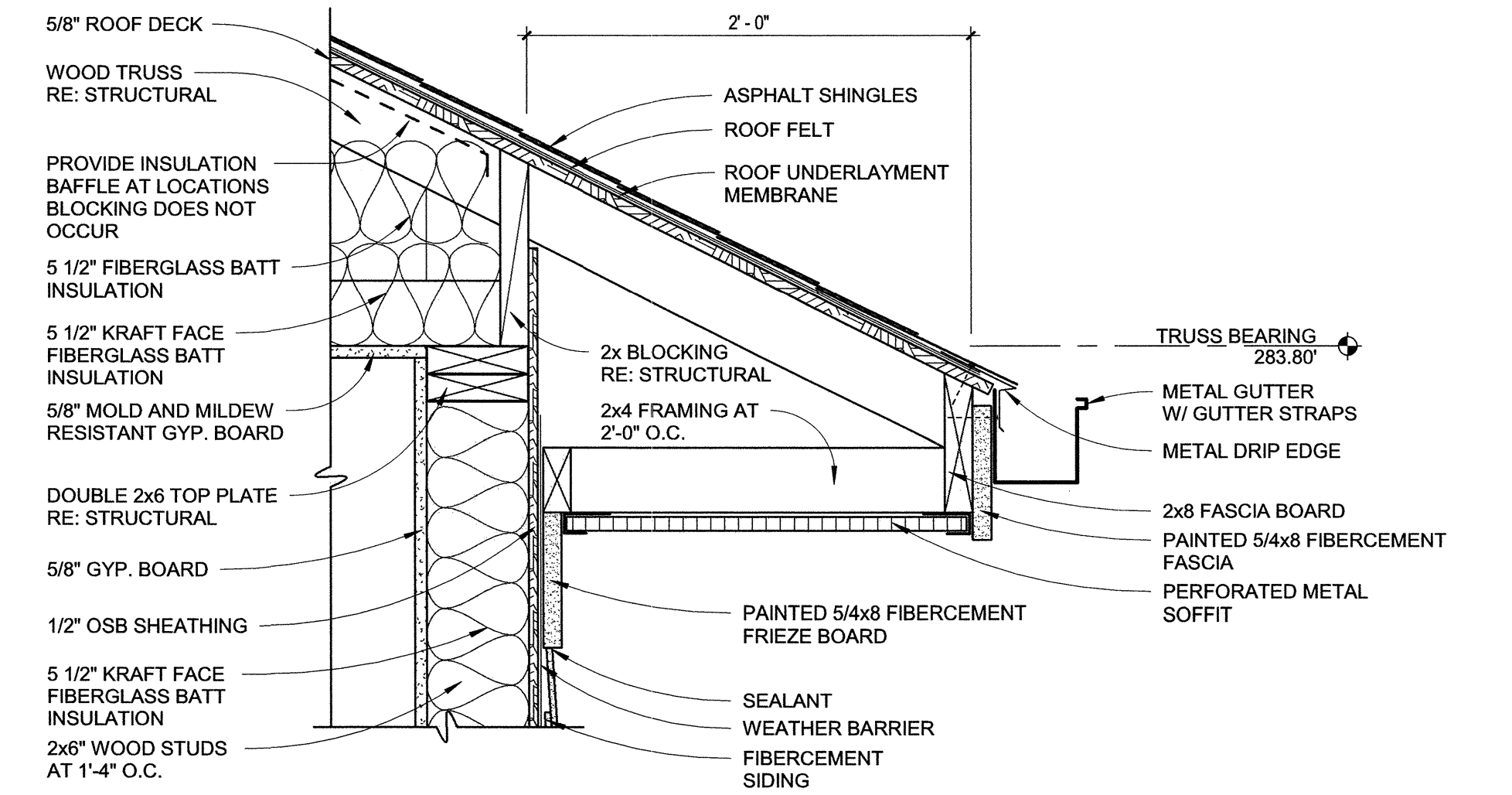
5 rake detail
SCALE: 1 1/2" = 1'-0"



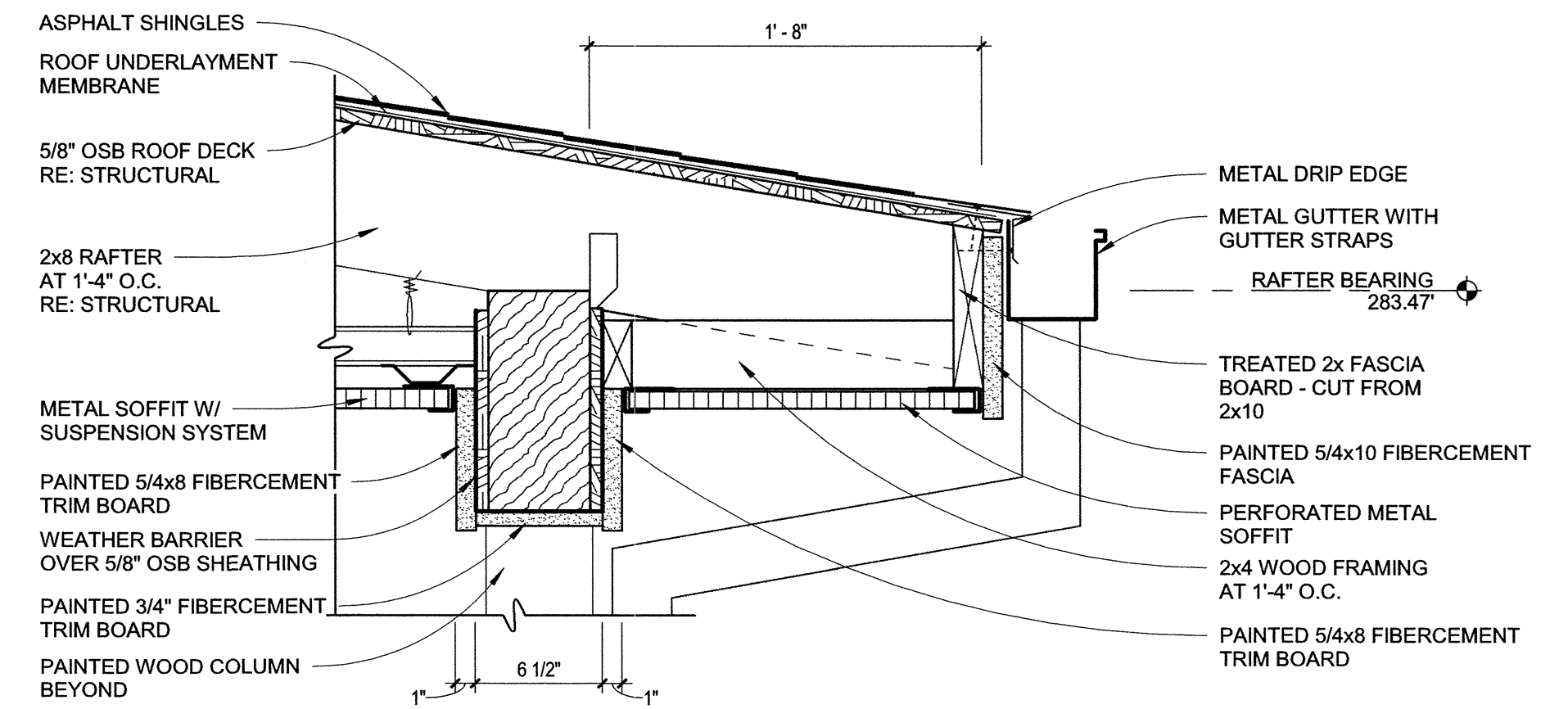
6 rake detail
SCALE: 1 1/2" = 1'-0"



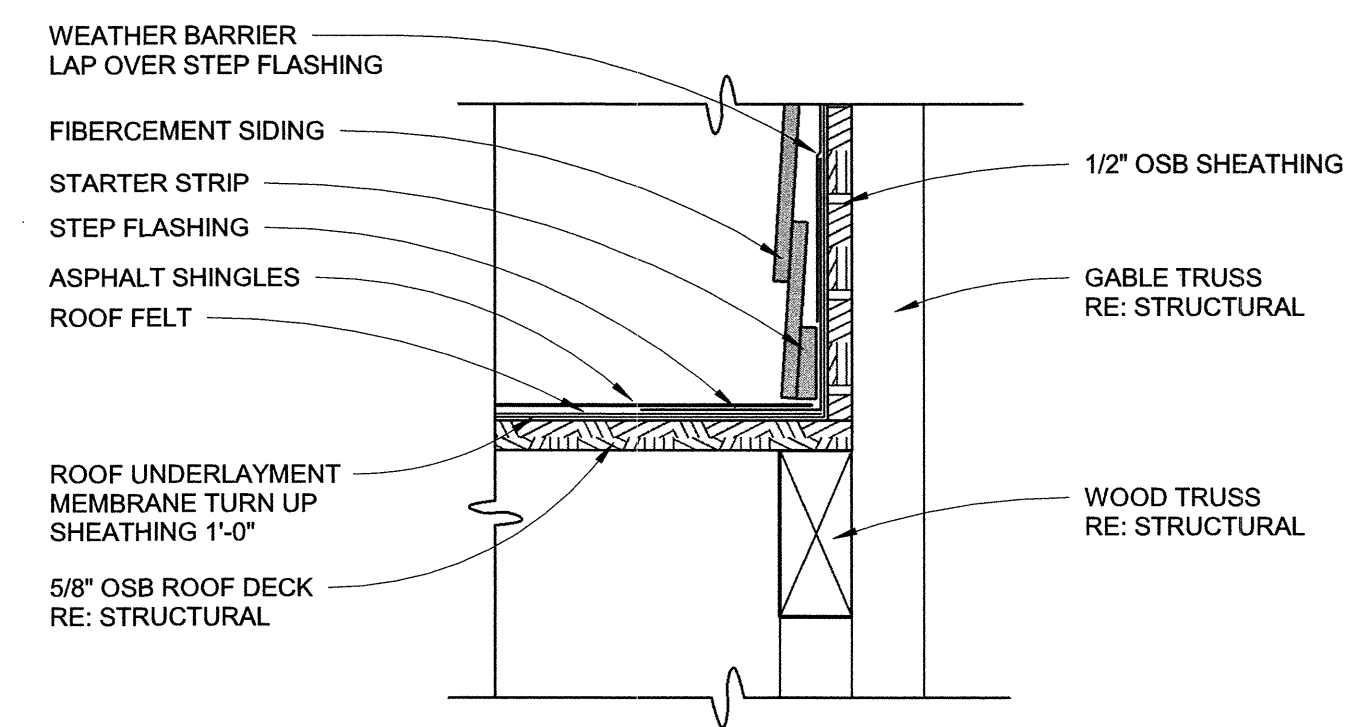
1 soffit / gutter detail
SCALE: 1 1/2" = 1'-0"



2 soffit / gutter detail
SCALE: 1 1/2" = 1'-0"

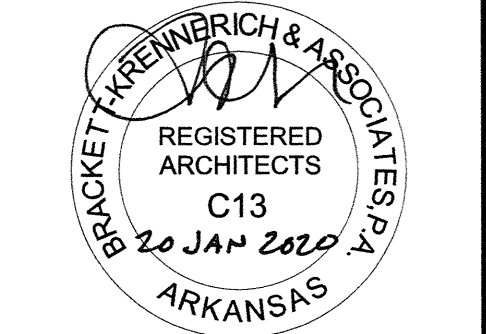


3 soffit / gutter detail
SCALE: 1 1/2" = 1'-0"

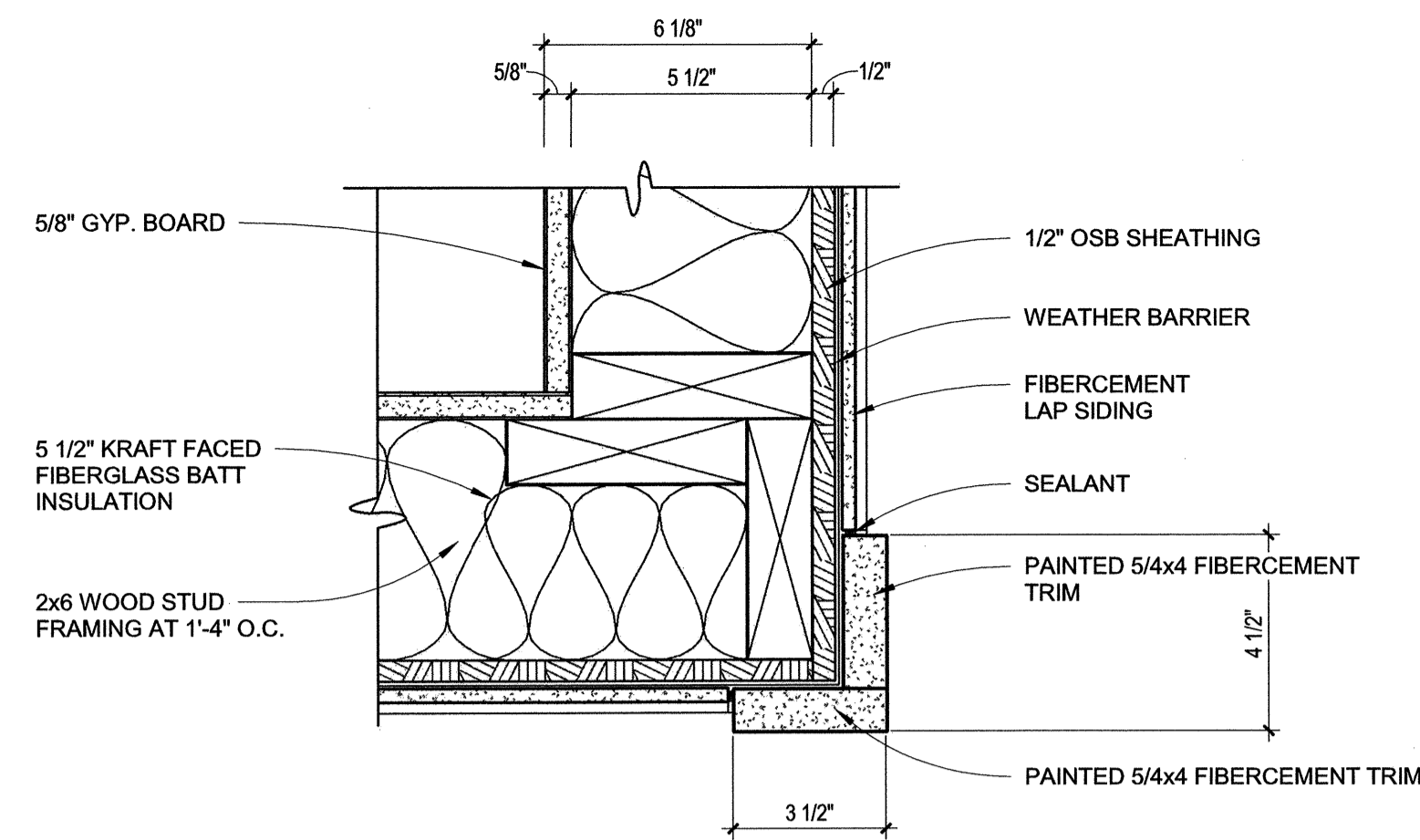


4 flashing detail
SCALE: 3" = 1'-0"

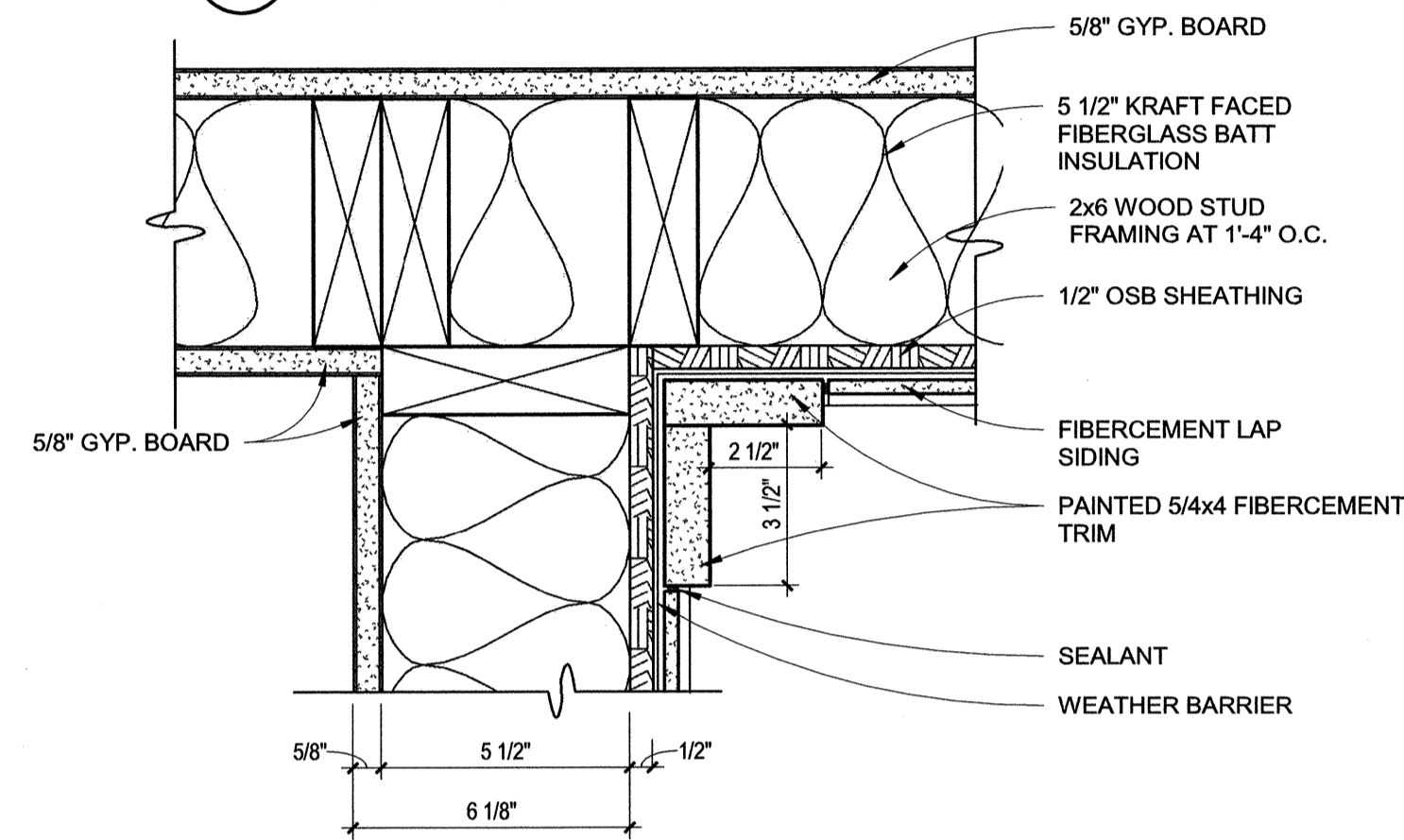
Revision Schedule	Issued	By
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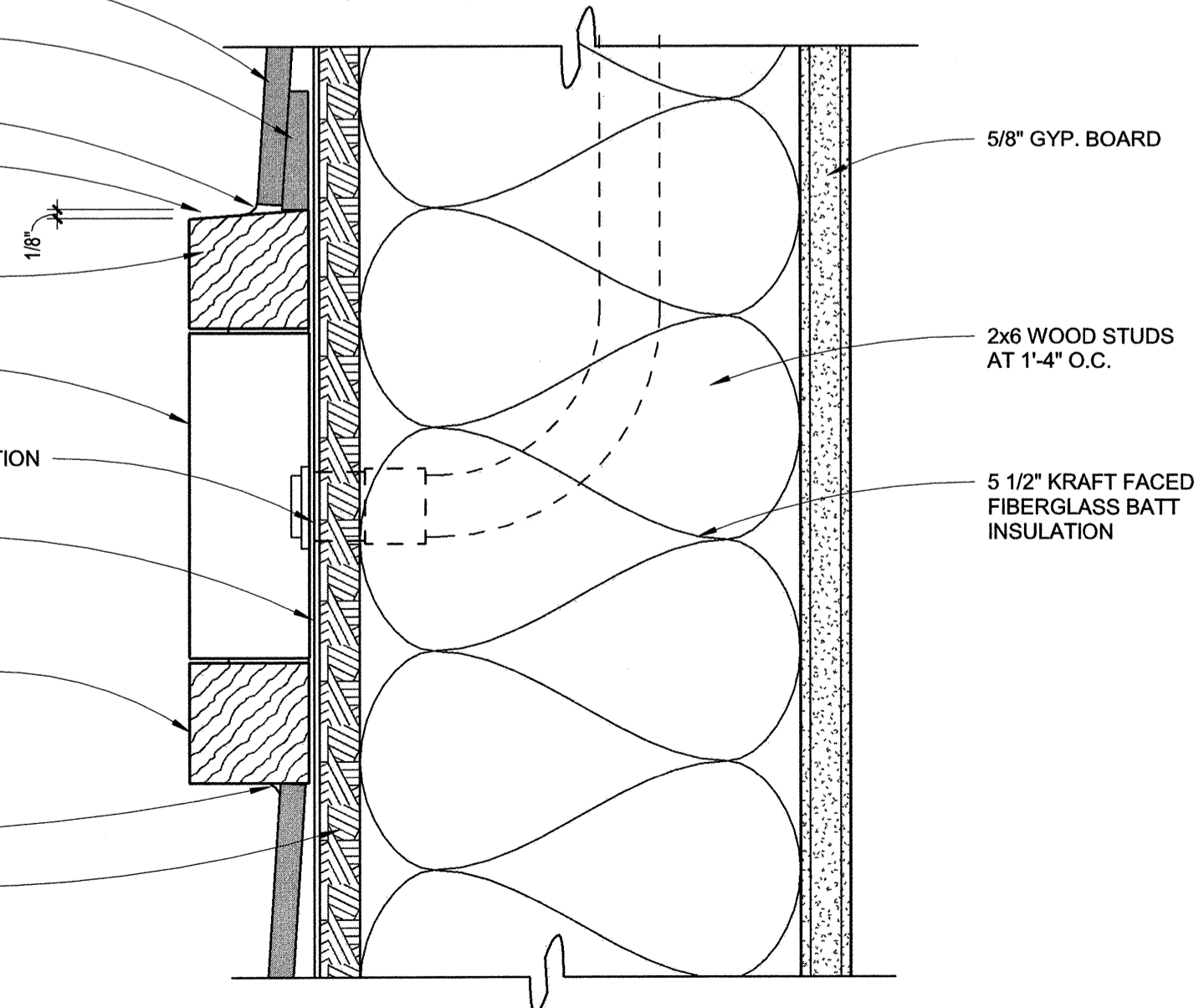
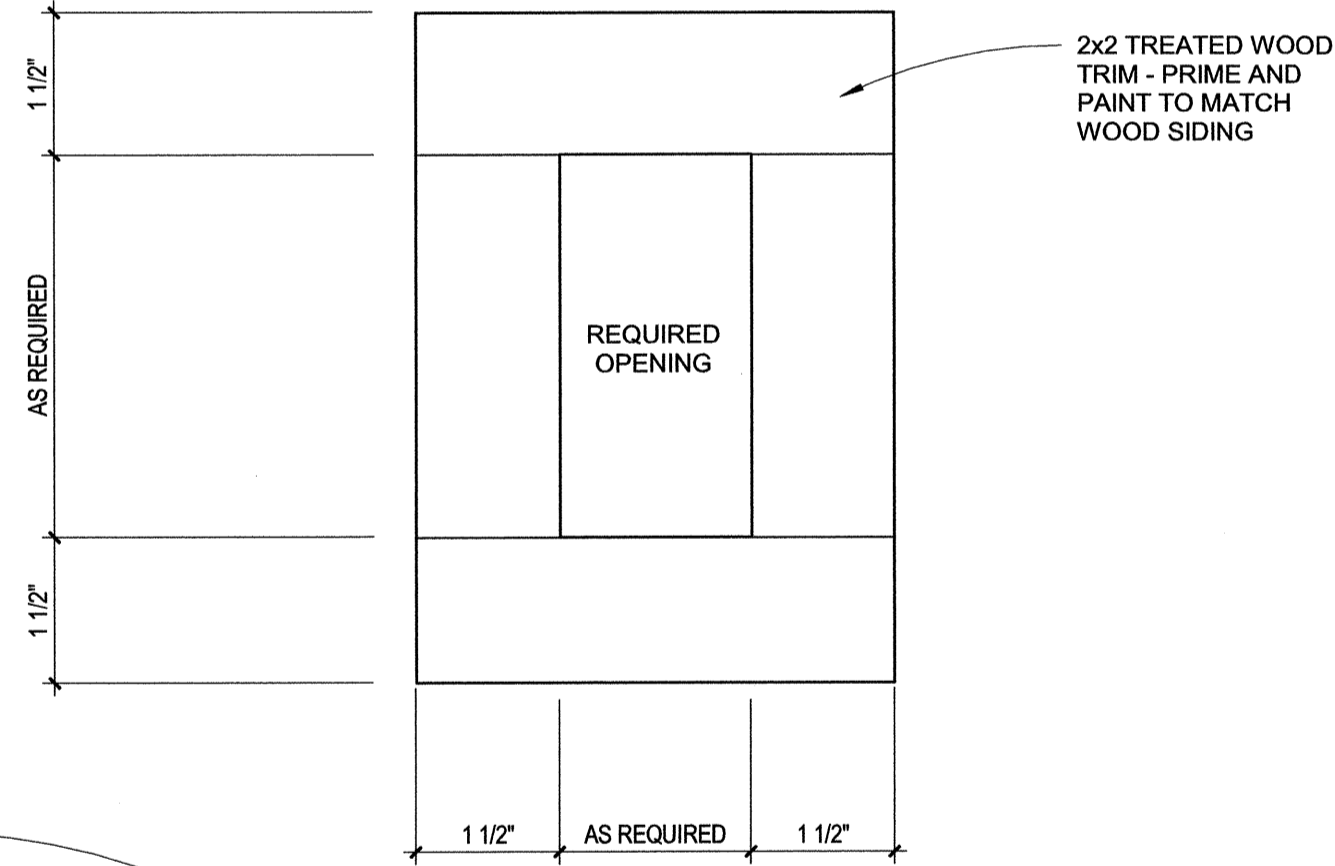
Commission Number
14617
A102
Date: August 16, 2019



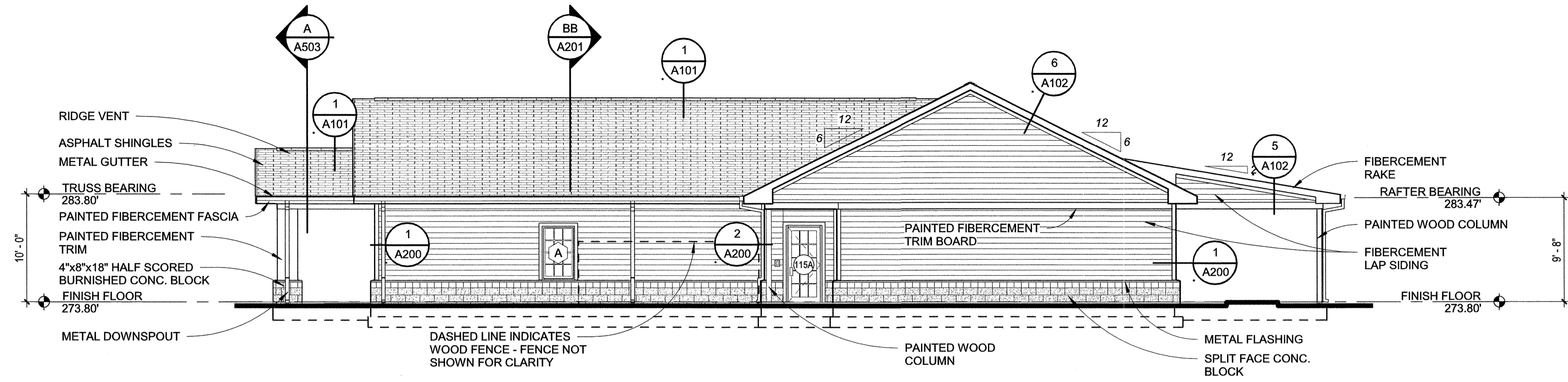
1 outside corner trim detail
SCALE: 3" = 1'-0"



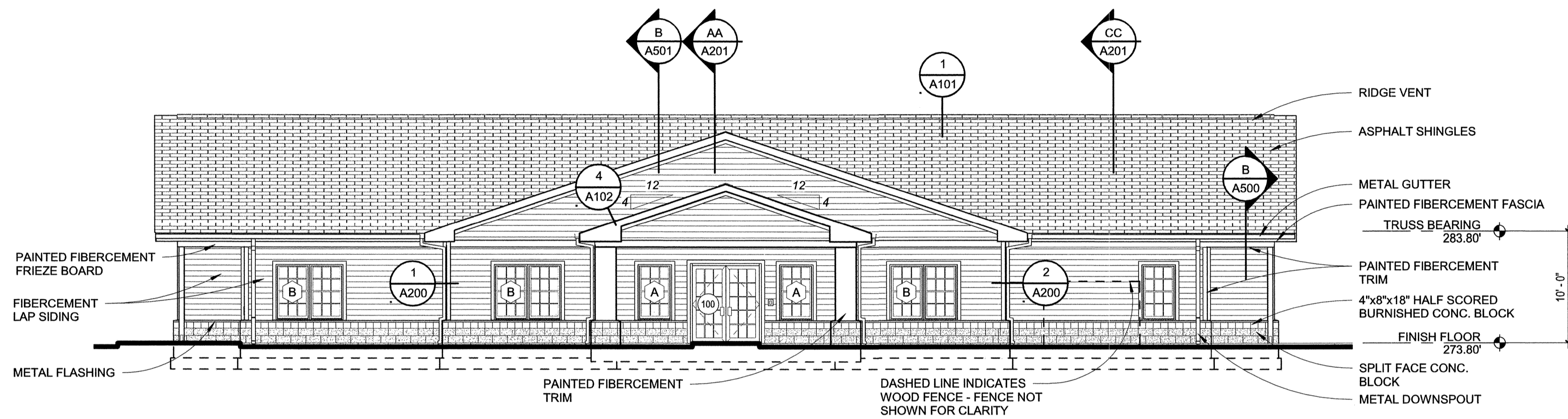
2 inside corner trim detail
SCALE: 3" = 1'-0"



3 trim detail
SCALE: 6" = 1'-0"

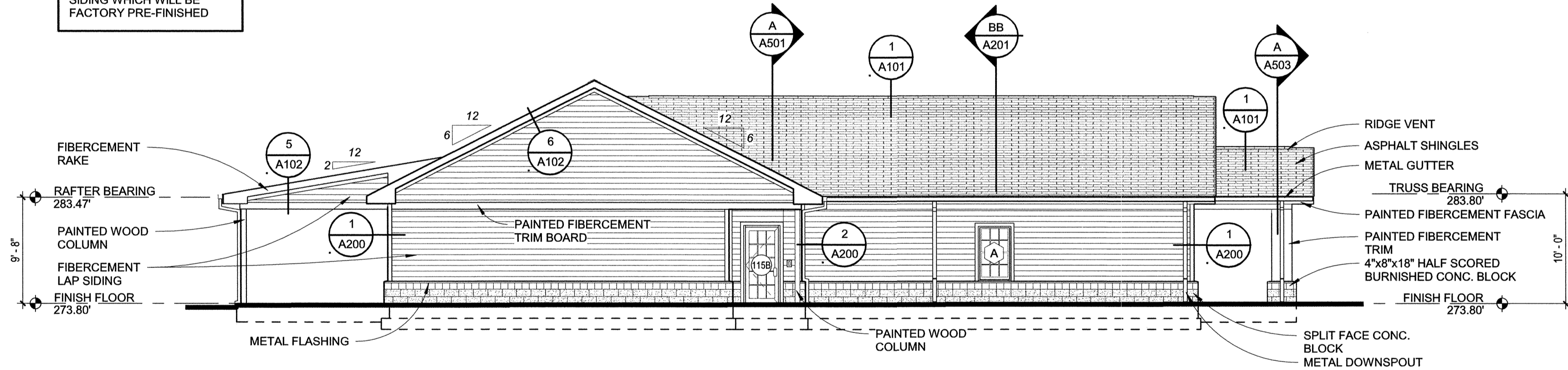


west elevation
SCALE: 1/8" = 1'-0"

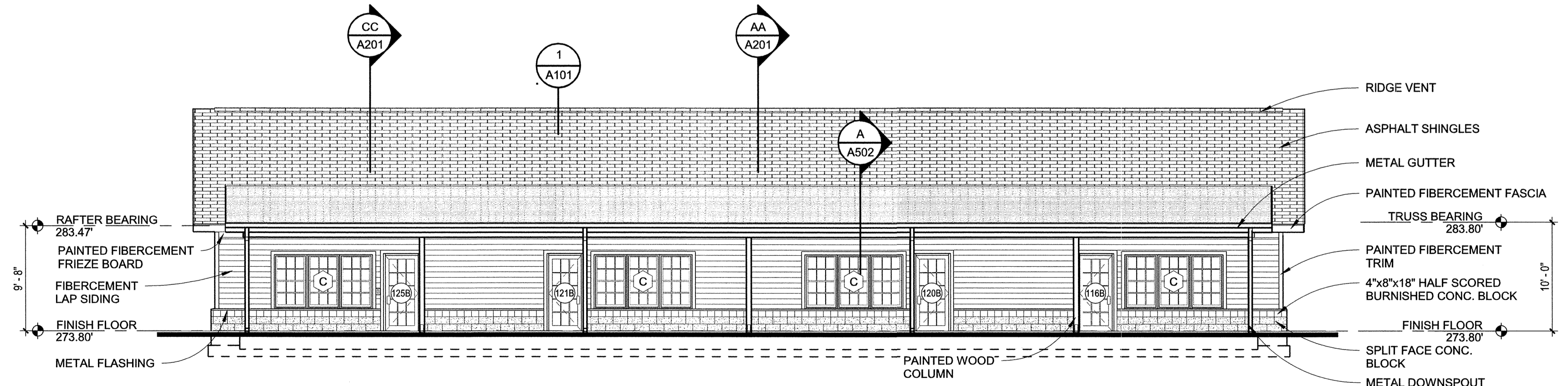


north elevation
SCALE: 1/8" = 1'-0"

GENERAL NOTE:
ALL FIBERCEMENT TRIM, FASCIA, ETC. TO BE PAINTED IN THE FIELD EXCEPT LAP SIDING WHICH WILL BE FACTORY PRE-FINISHED



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



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

EARLY HEAD START FACILITY
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Pocahontas, Arkansas

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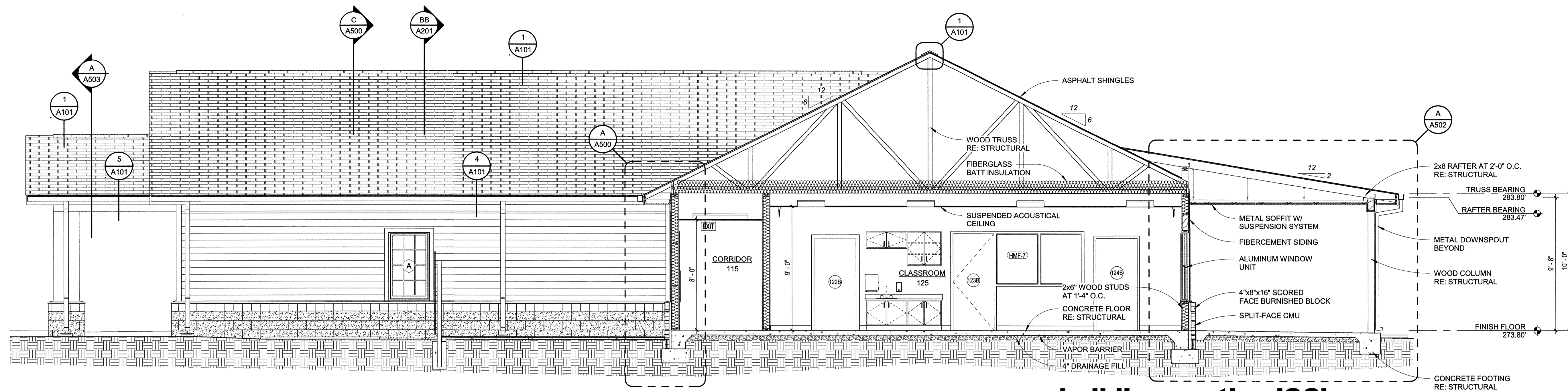
Revision Schedule	Issued By	Rev. Description	Rev. Date



Commission Number
14617

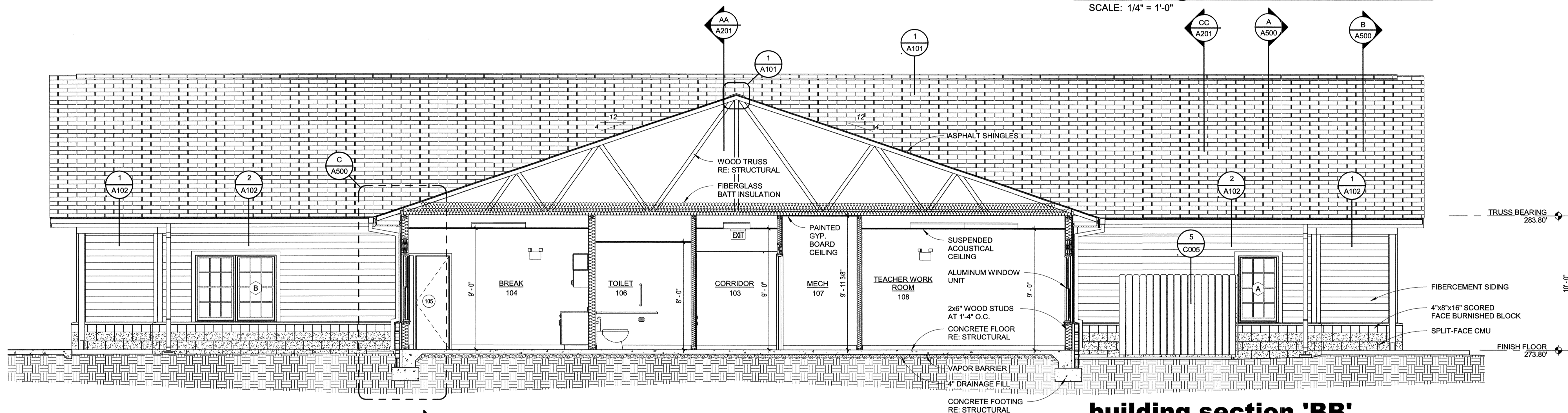
A200

Date: August 16, 2019



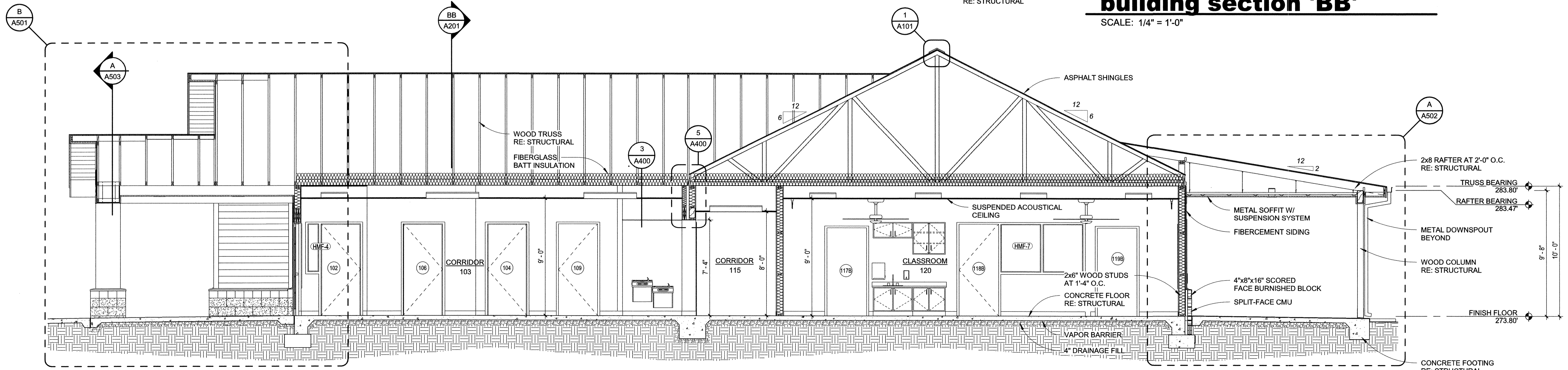
building section 'CC'

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



building section 'BB'

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



building section 'AA'

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

EARLY HEAD START FACILITY
CITY OF POCAHONTAS
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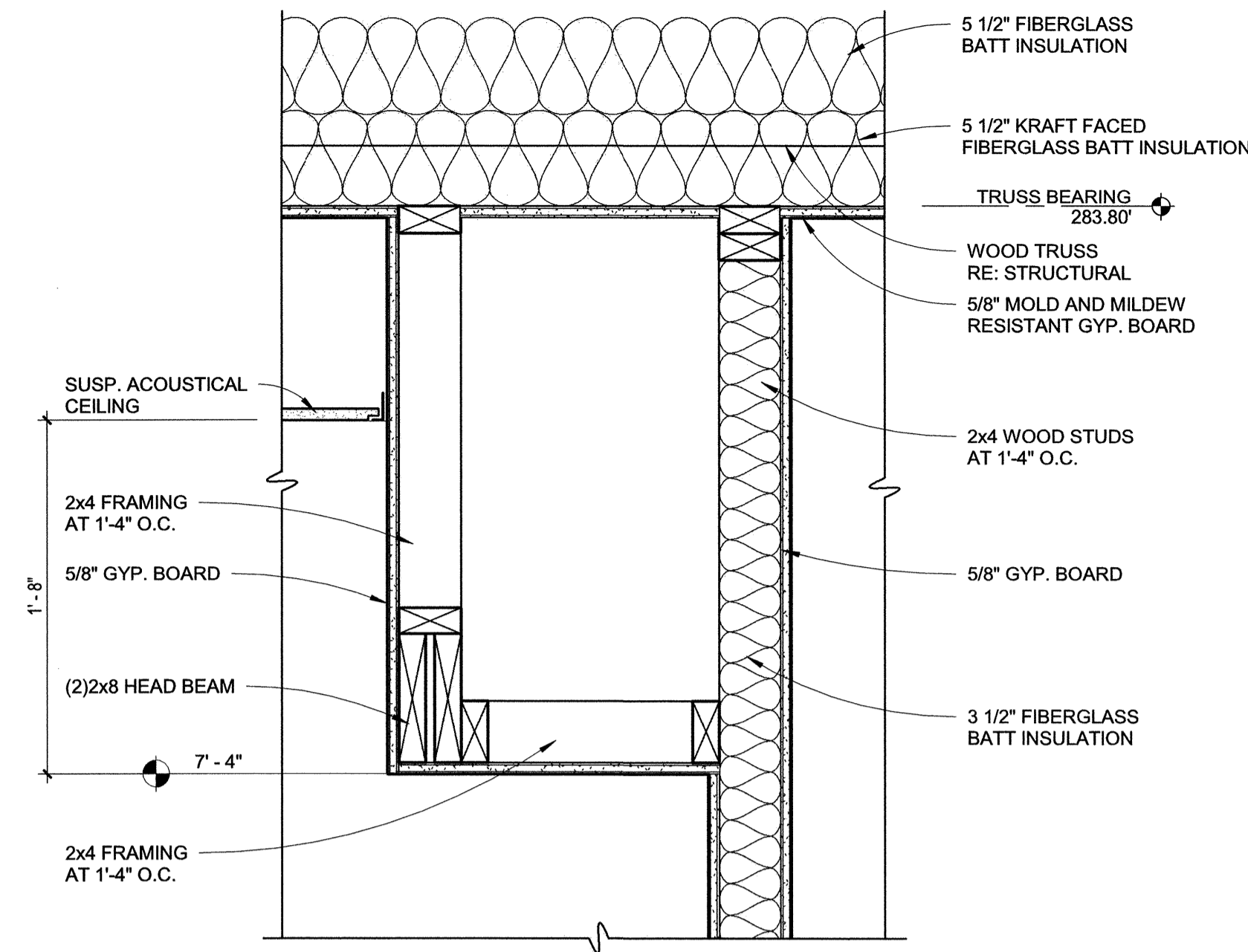
Revision Schedule	Issued by
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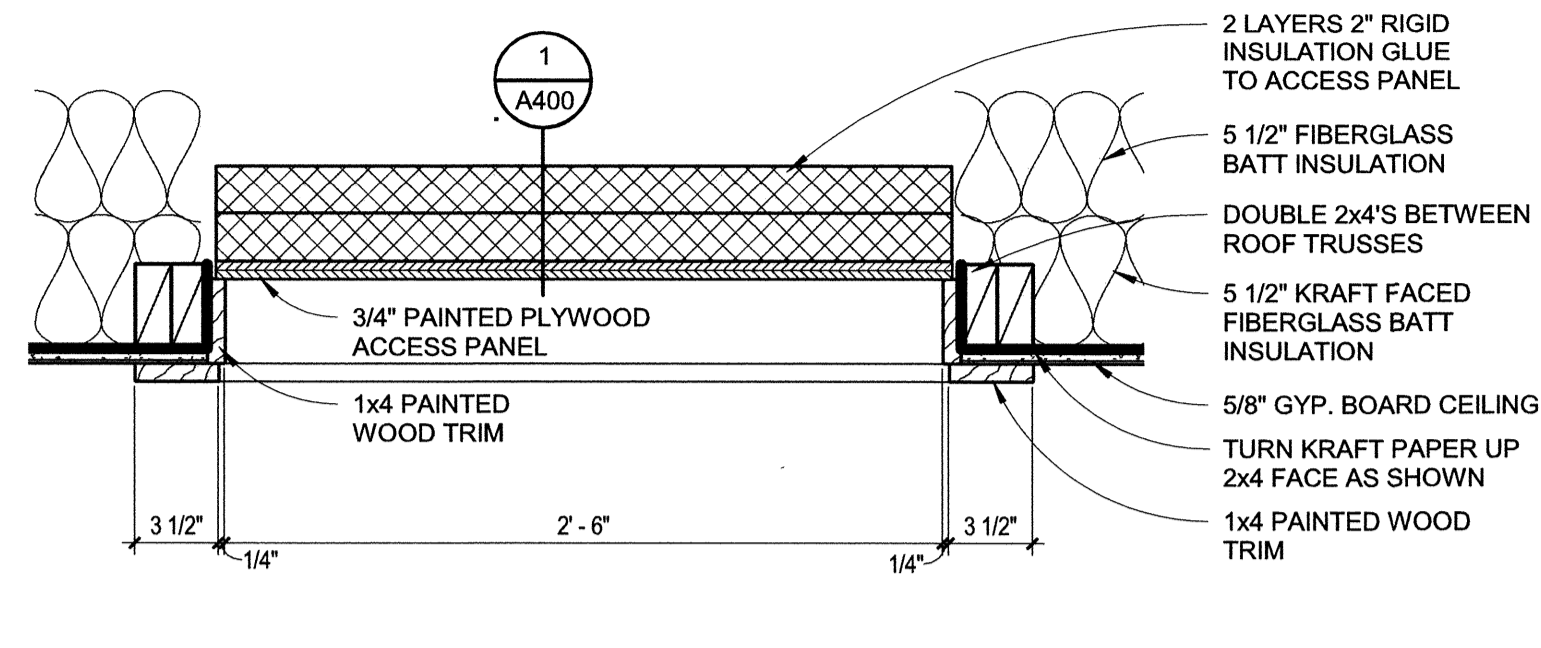
Commission Number
14617

A201

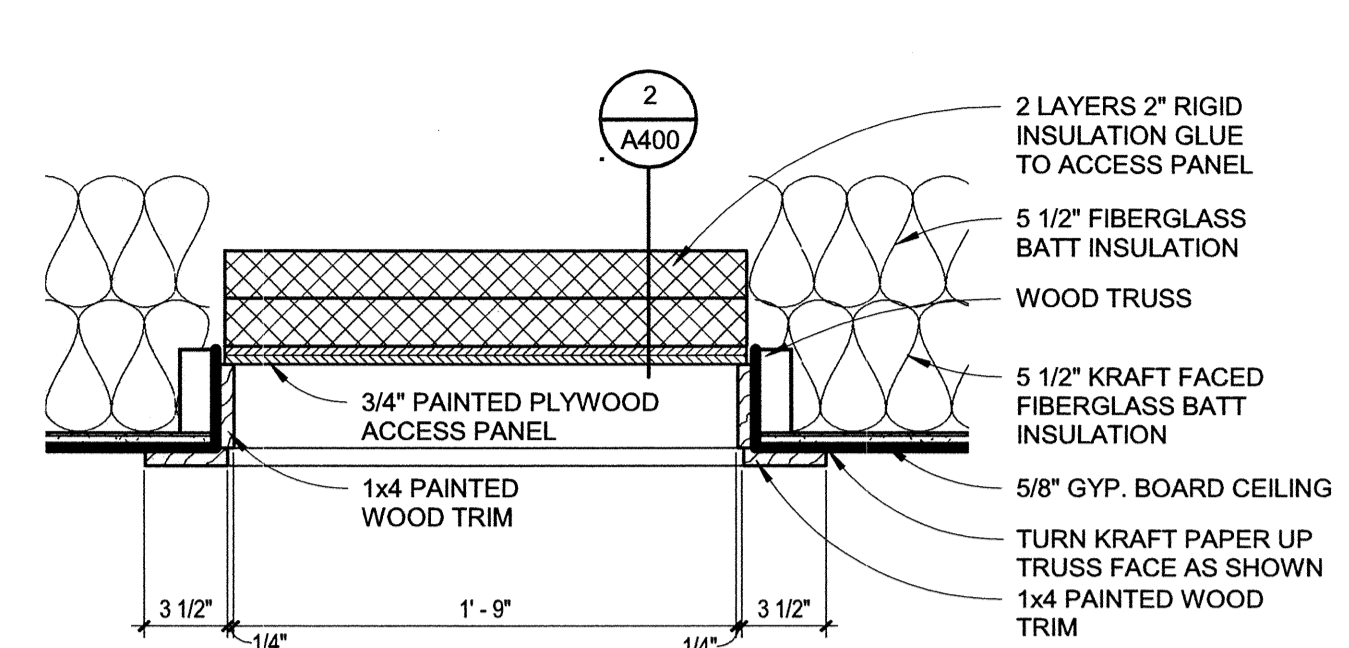
Date: August 16, 2019



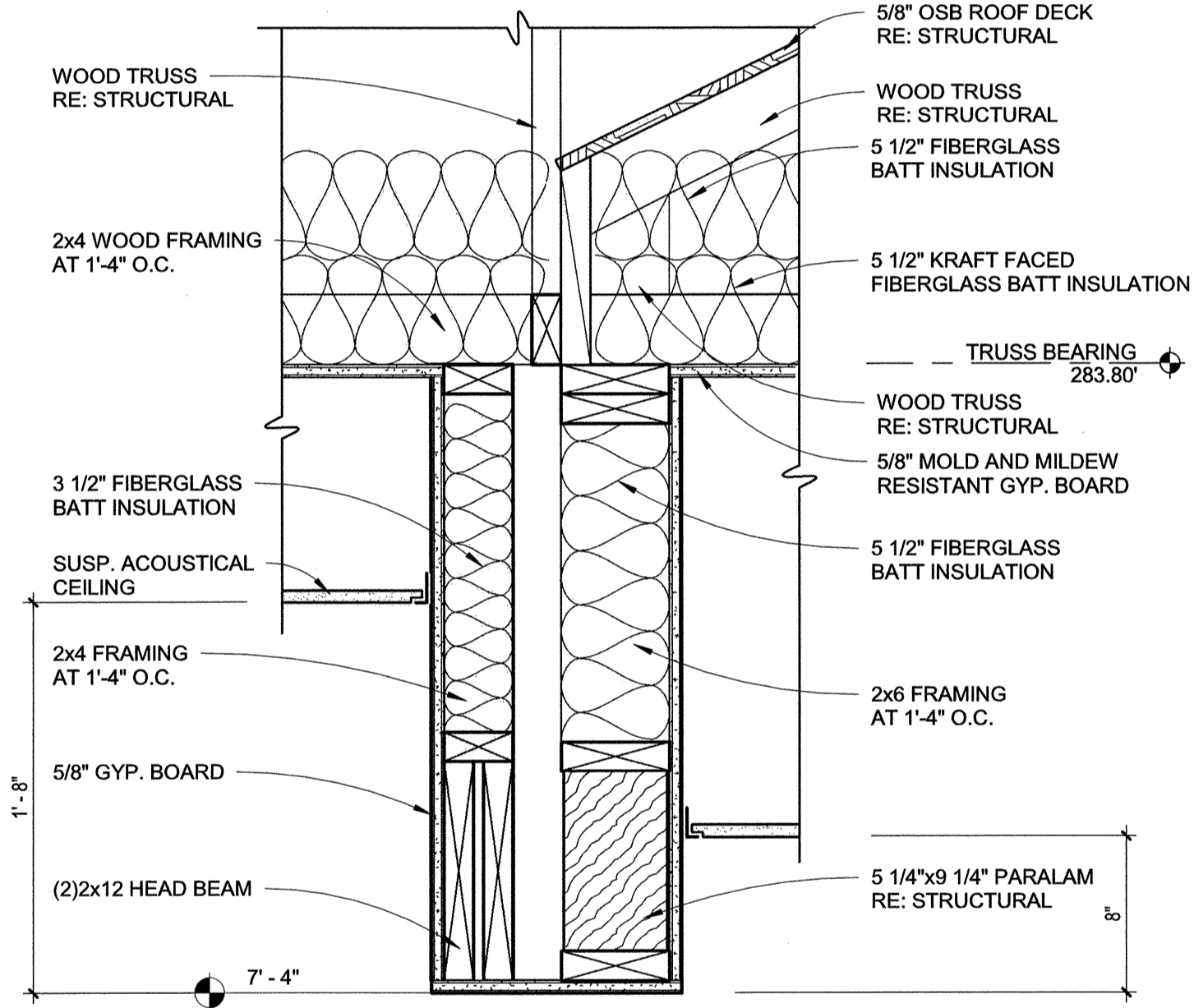
3 furr down detail
SCALE: 1 1/2" = 1'-0"



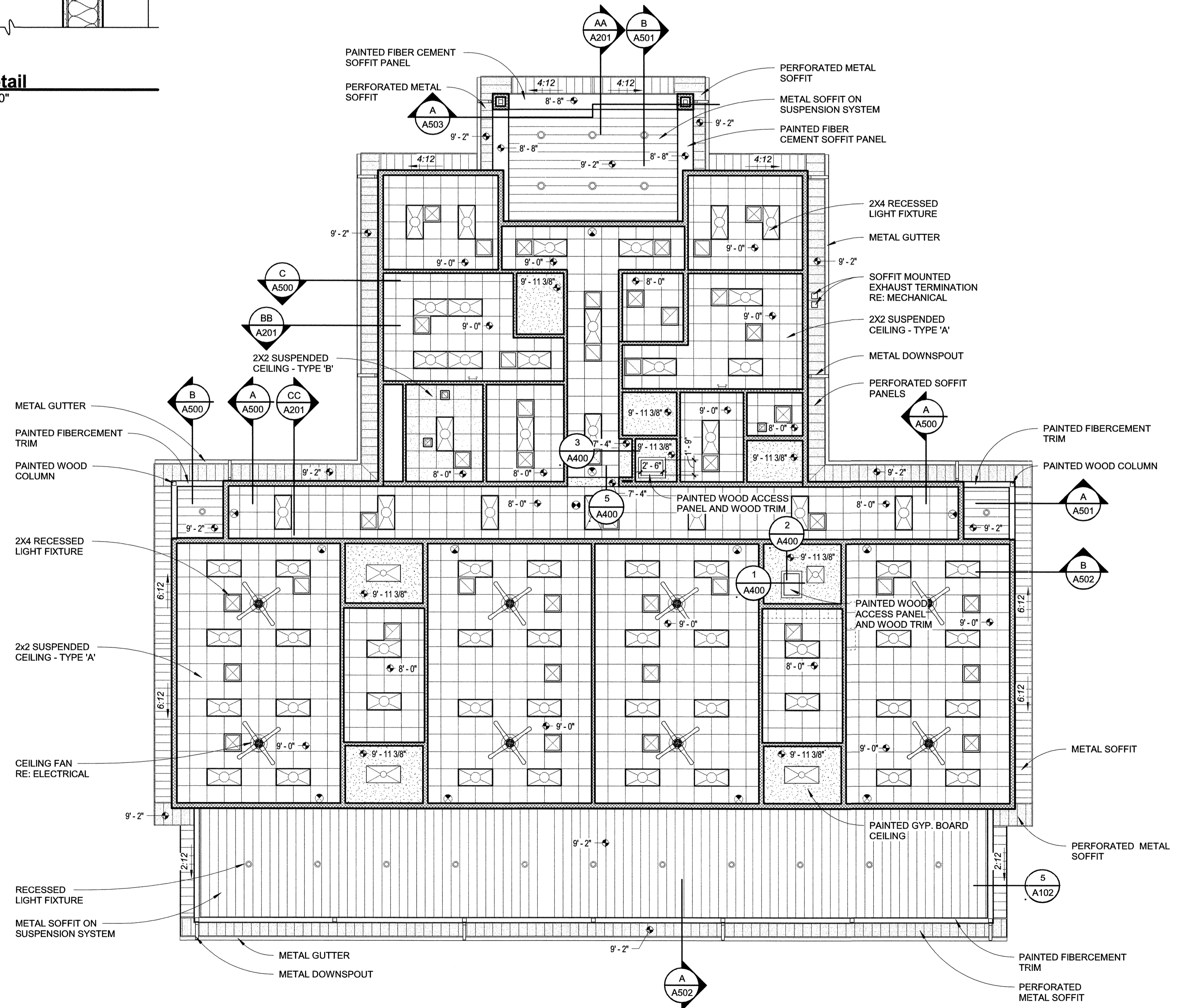
2 attic access panel
SCALE: 1 1/2" = 1'-0"



1 attic access panel
SCALE: 1 1/2" = 1'-0"



5 bulk head detail
SCALE: 1 1/2" = 1'-0"



n reflected ceiling plan
SCALE: 1/8" = 1'-0"

ARCHITECTURAL

	2x2 SUSP. ACOUSTICAL CEILING - TYPE 'A'
	2x2 SUSP. ACOUSTICAL CEILING - TYPE 'B'
	PAINTED GYP. BOARD
	METAL SOFFIT
	PERFORATED METAL SOFFIT
	PAINTED FIBER CEMENT TRIM / SOFFIT

MECHANICAL

	RETURN AIR GRILLE
	SUPPLY AIR GRILLE
	EXHAUST FAN
SEE MECHANICAL PLAN FOR FURTHER DETAILS AND INFORMATION	

ELECTRICAL

	2x4 RECESSED LIGHT FIXTURE
	WALL MOUNT LIGHT FIXTURE
	RECESSED CEILING LIGHT FIXTURE
	WALL MOUNT LIGHT FIXTURE
	STRIP LIGHT
	EXTERIOR WALL PACK
	EXIT SIGN
SEE ELECTRICAL PLAN FOR FURTHER DETAILS AND INFORMATION	

Revision Schedule	Tag	Rev. Description	Rev. Date	Issued By



Commission Number
14617

A400

Date: August 16, 2019

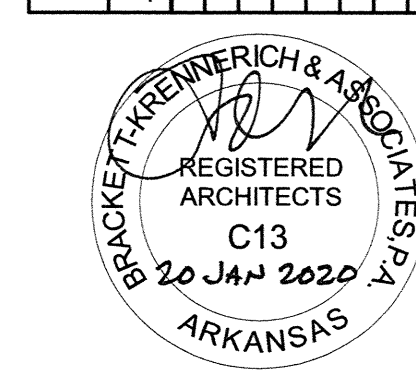
EARLY HEAD START FACILITY
CITY OF POCAHONTAS
Pocahontas, Arkansas

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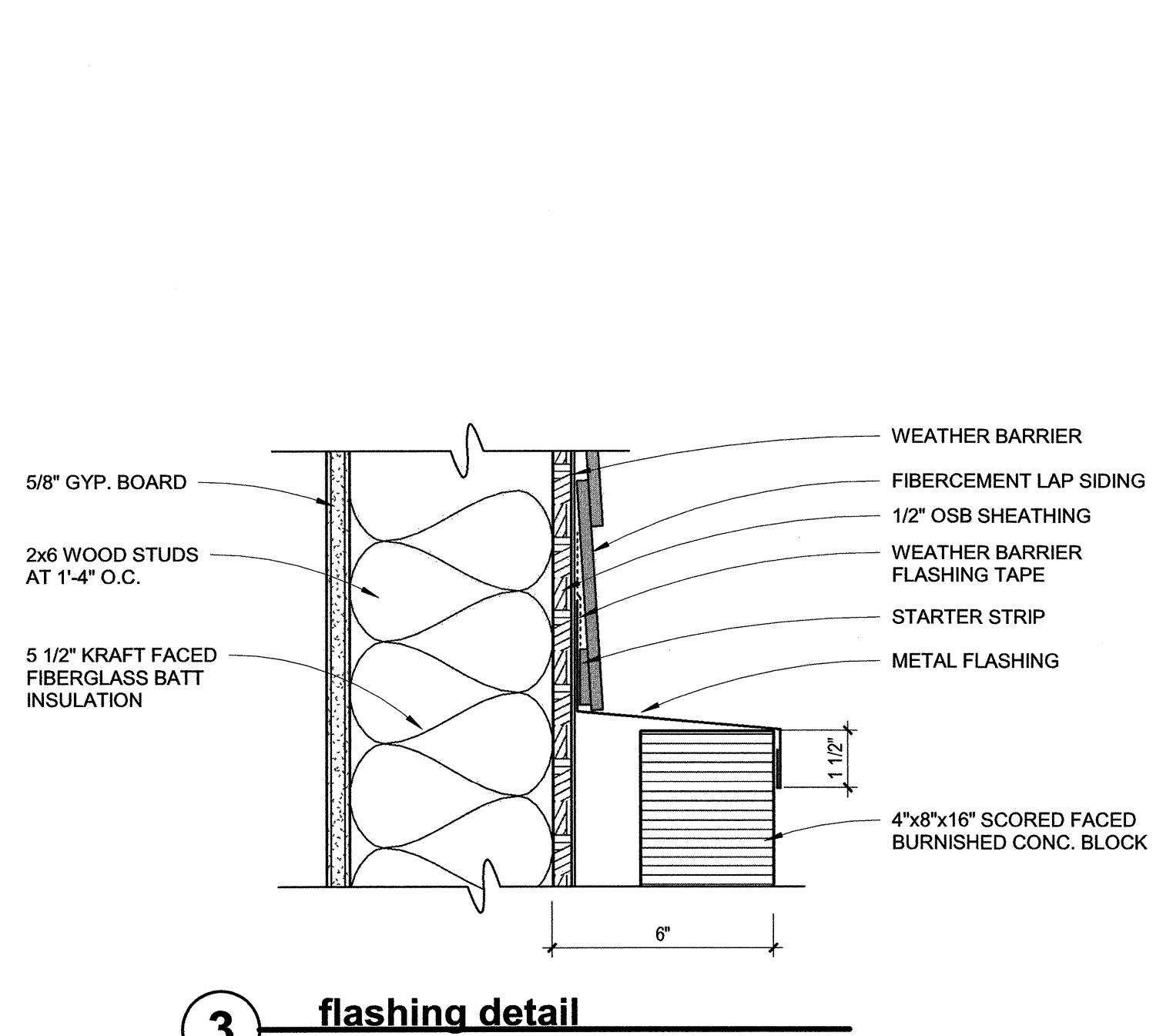
EARLY HEAD START FACILITY
CITY OF POCAHONTAS
 Pocahontas, Arkansas



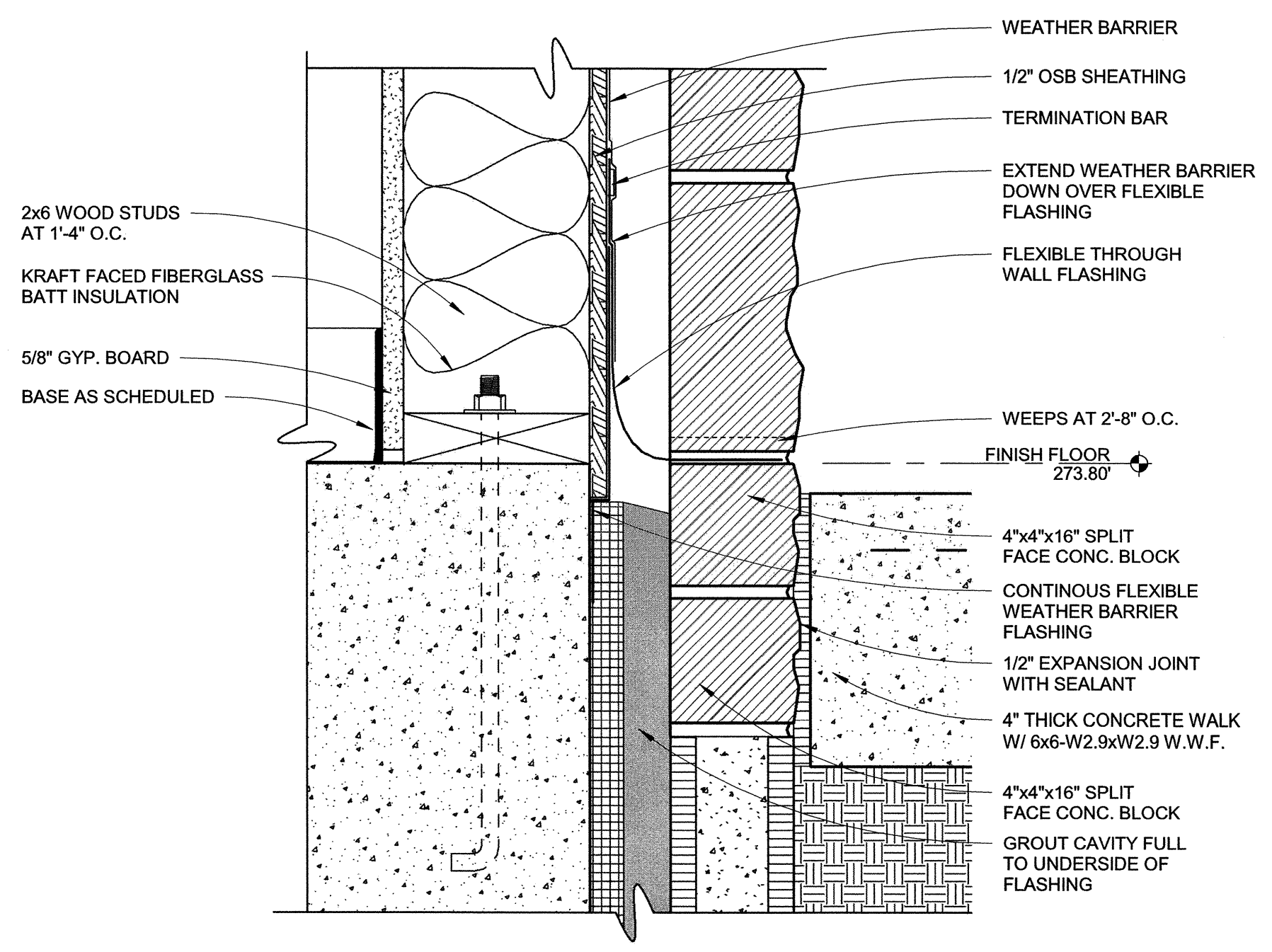
Revision	Schedule	Issued
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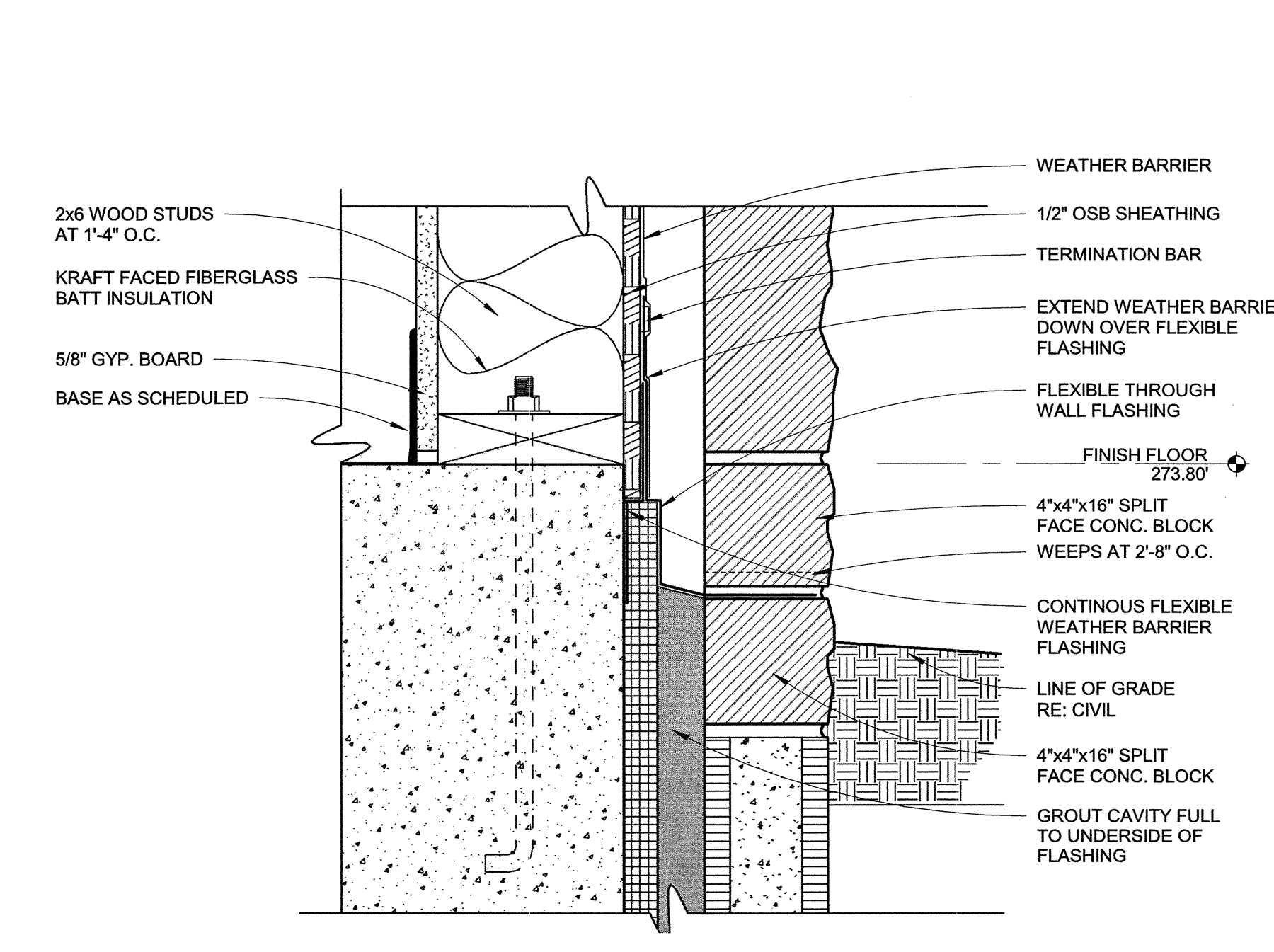
Commission Number
 14617
A500
 Date: August 16, 2019



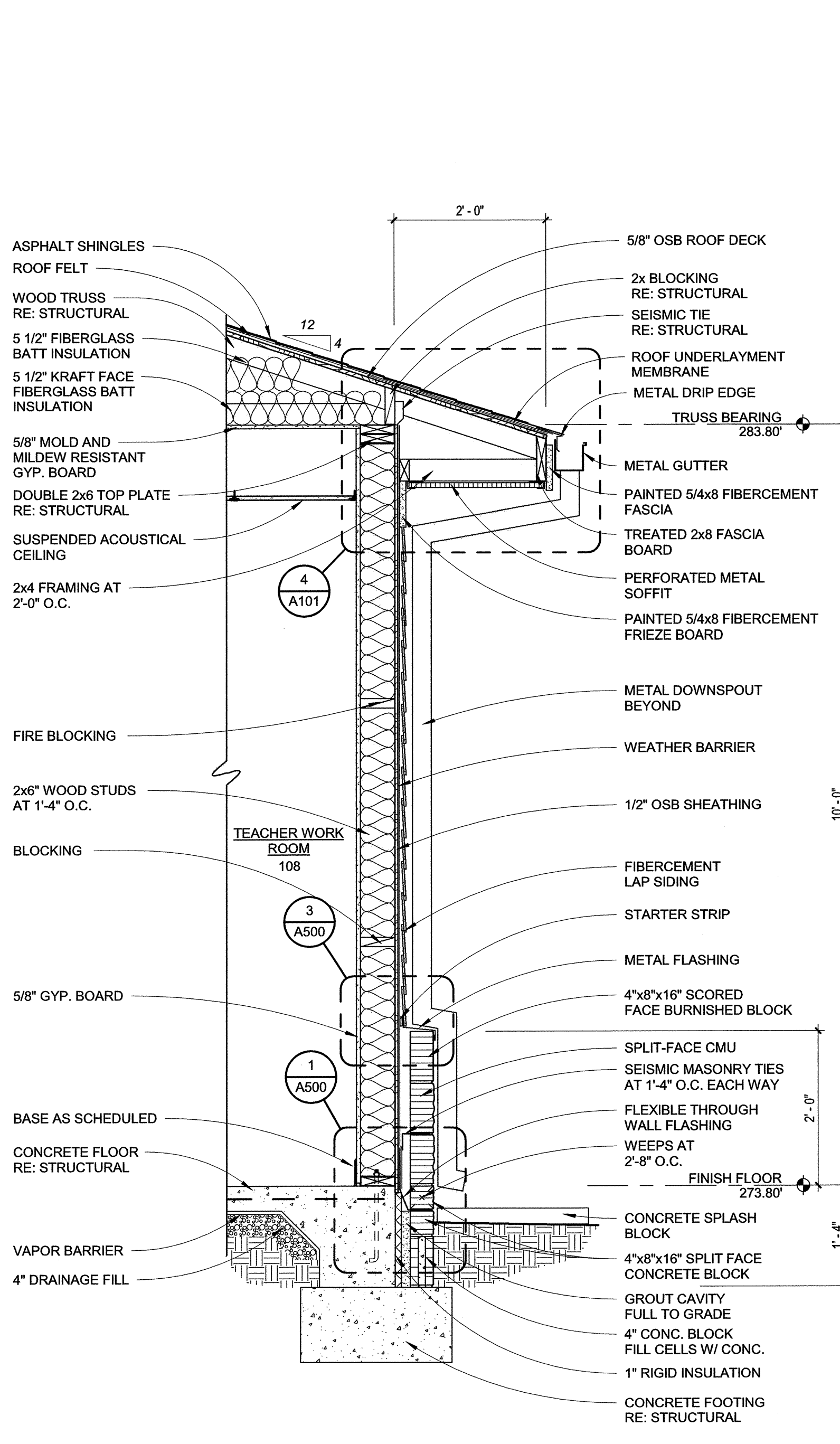
3 flashing detail
 SCALE: 3" = 1'-0"



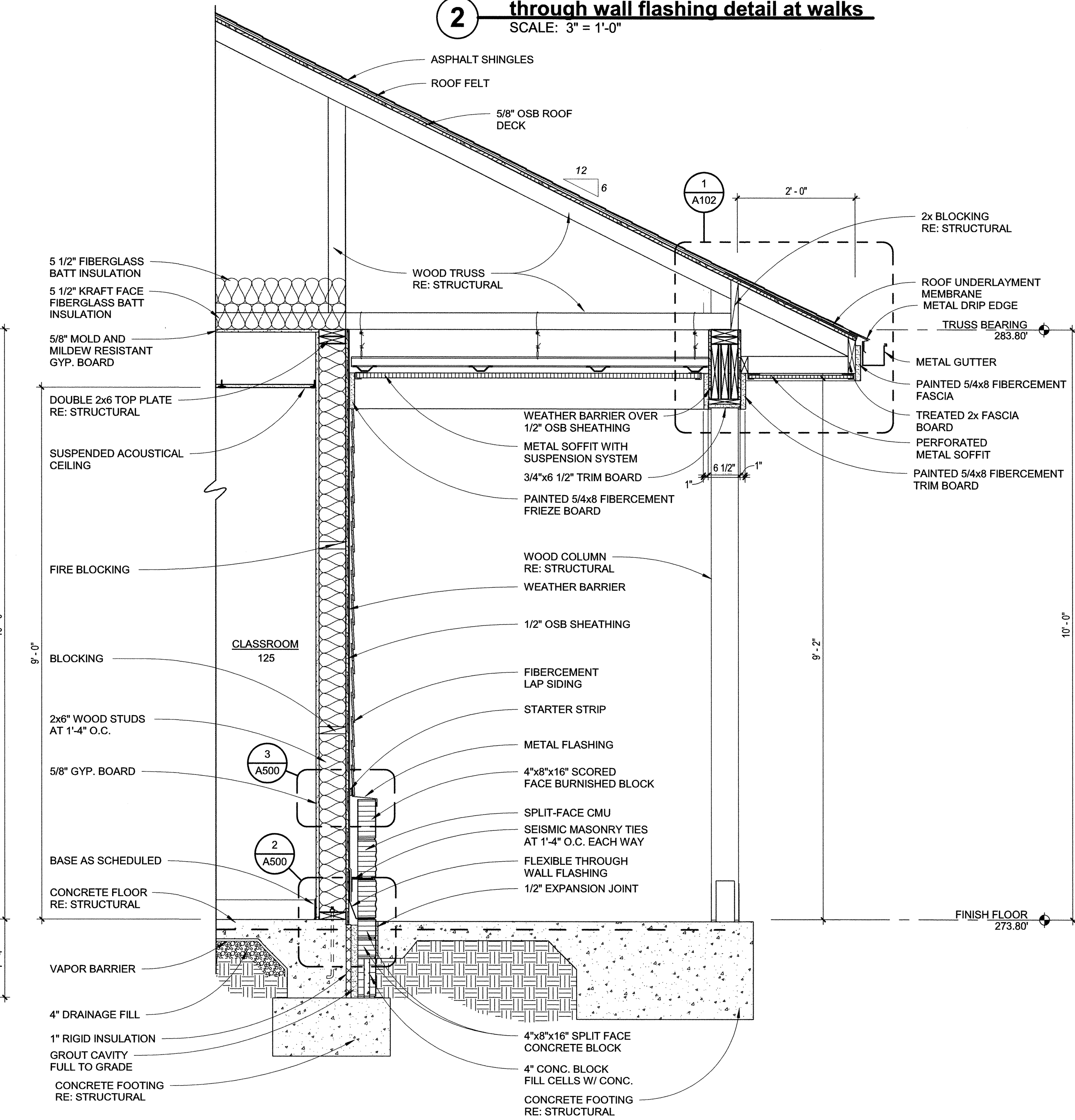
2 through wall flashing detail at walks
 SCALE: 3" = 1'-0"



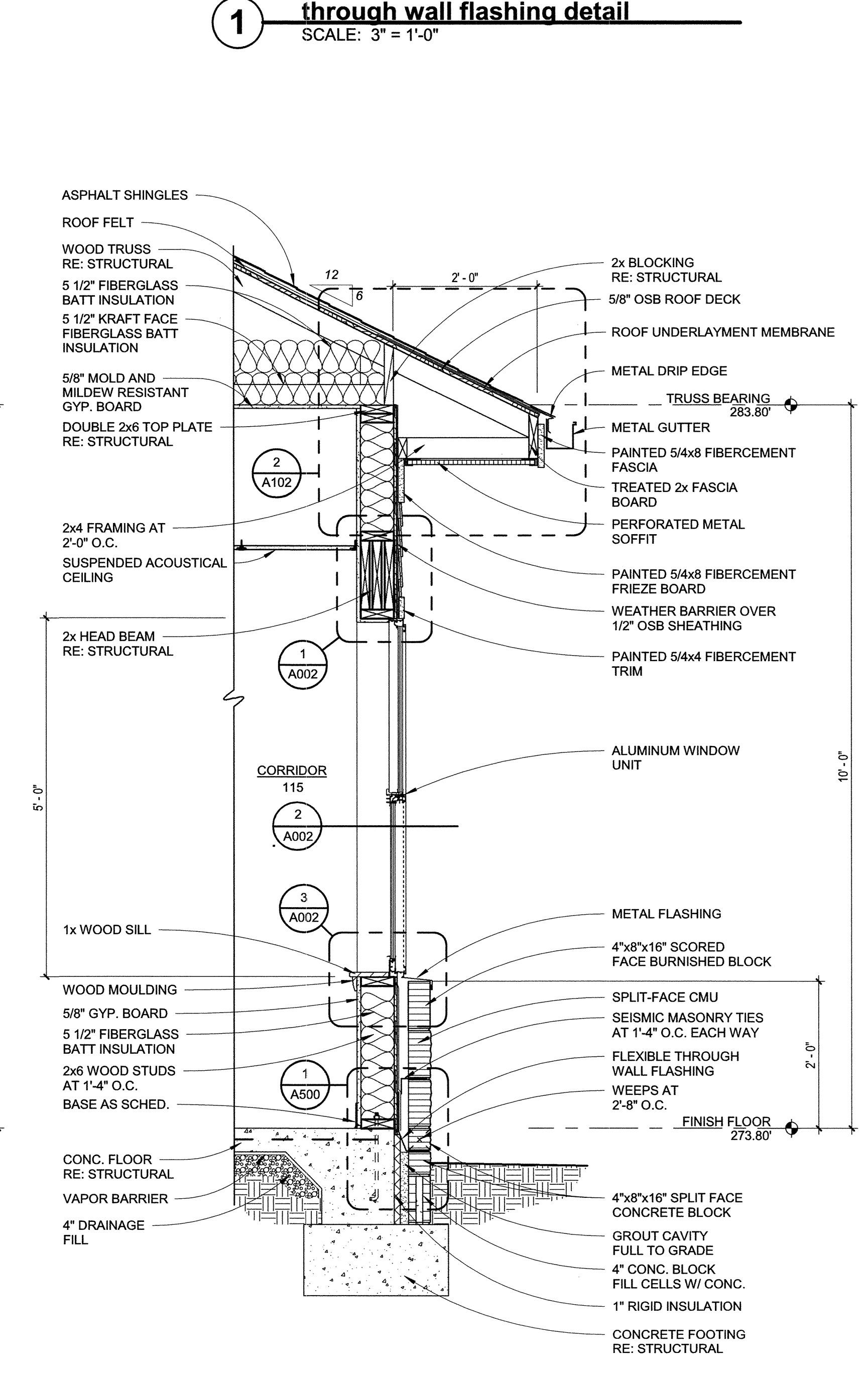
1 through wall flashing detail
 SCALE: 3" = 1'-0"



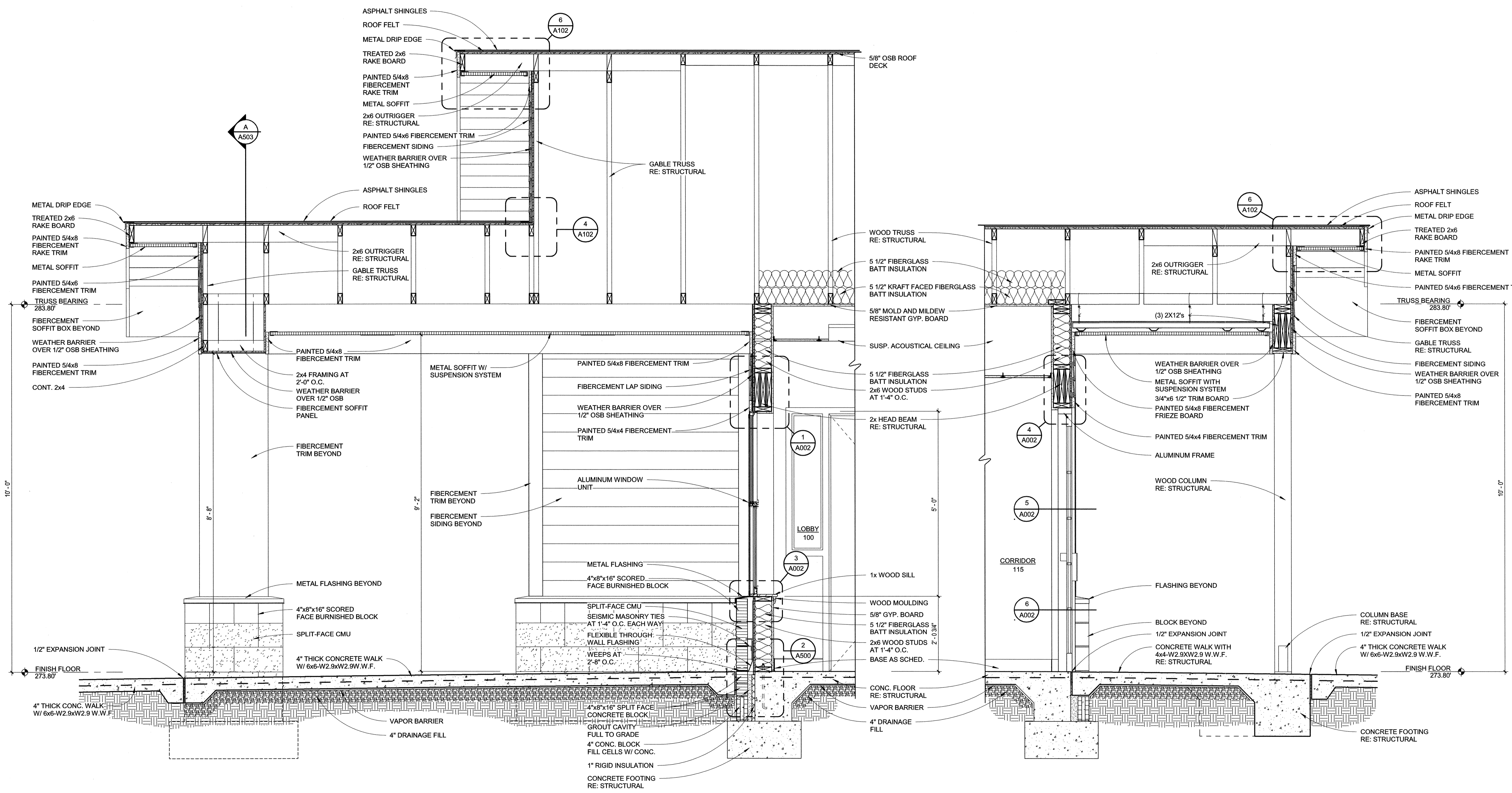
C wall section
 SCALE: 3/4" = 1'-0"



B wall section
 SCALE: 3/4" = 1'-0"



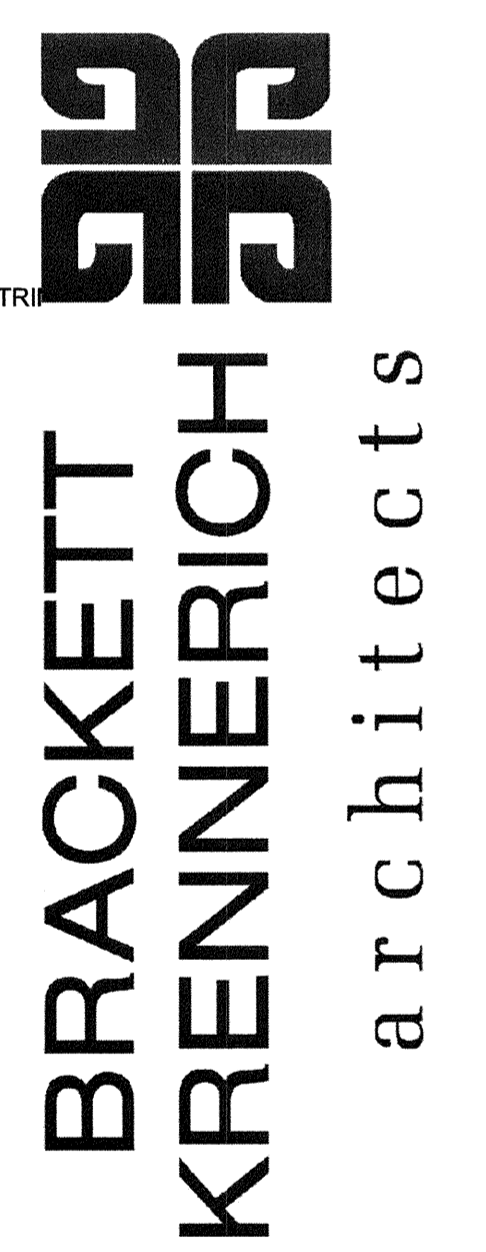
A wall section
 SCALE: 3/4" = 1'-0"



B canopy section
 SCALE: 3/4" = 1'-0"

A wall section
 SCALE: 3/4" = 1'-0"

EARLY HEAD START FACILITY
 CITY OF POCAHONTAS
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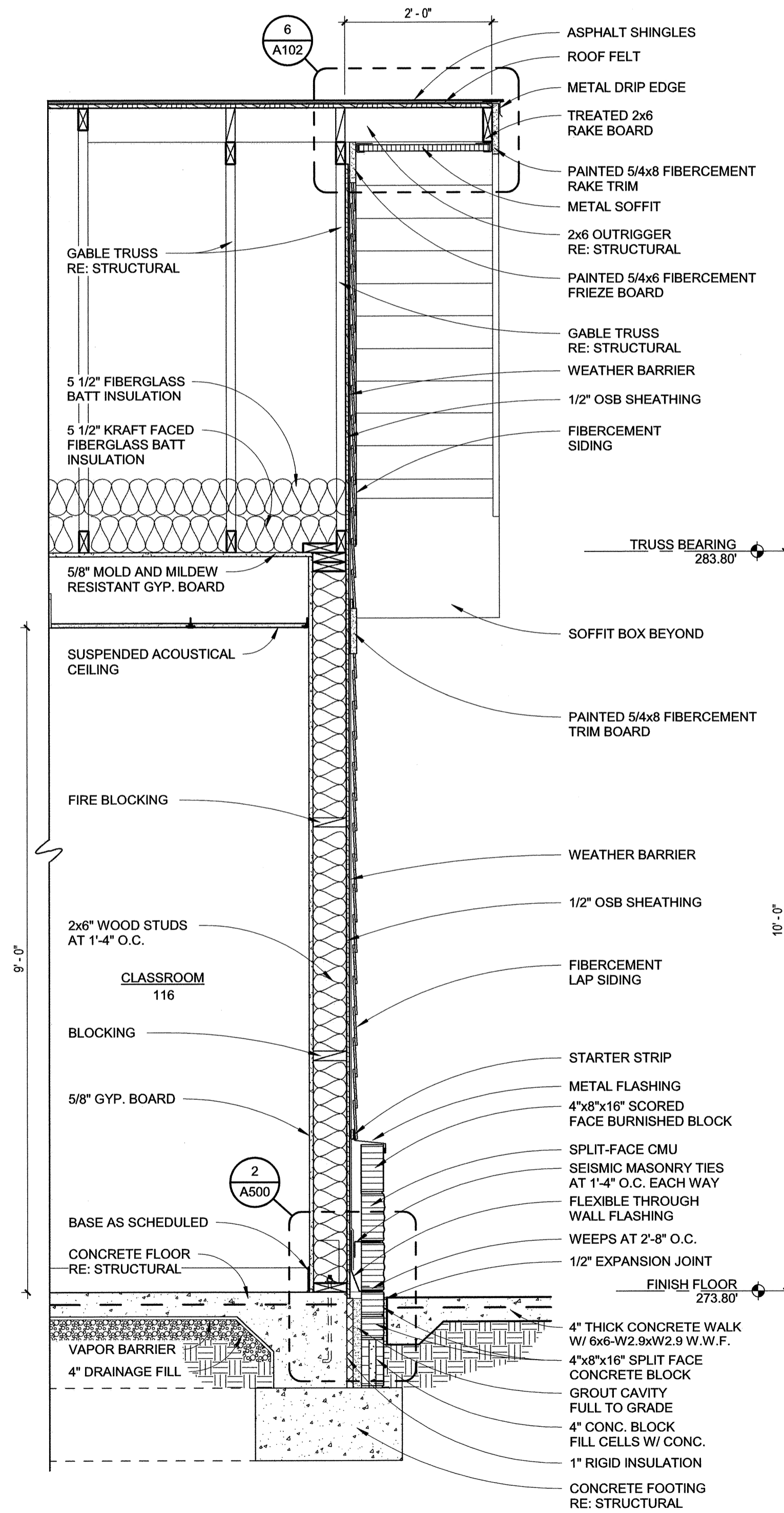


Commission Number
 14617

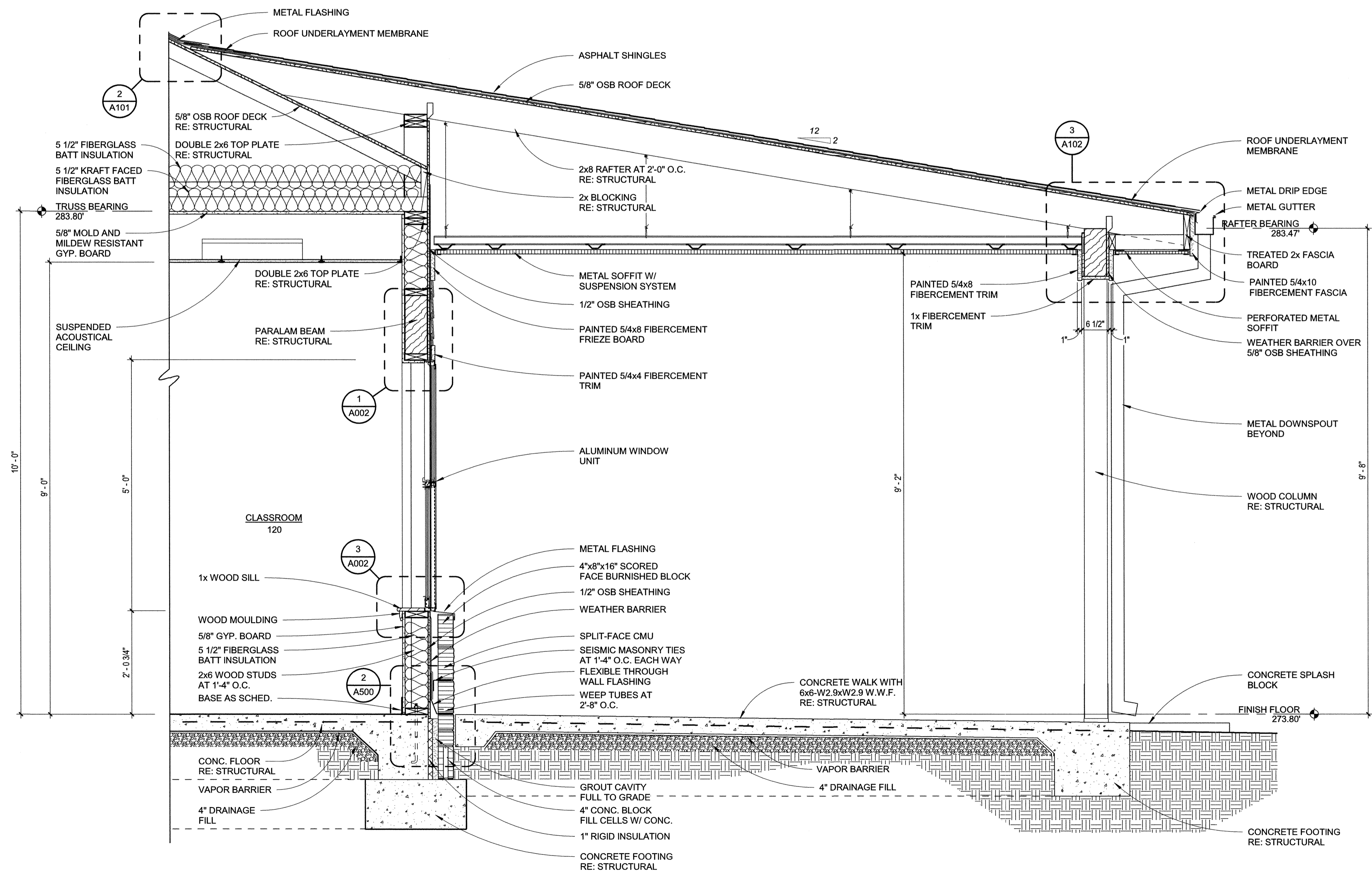
A501

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B wall section
 SCALE: 3/4" = 1'-0"

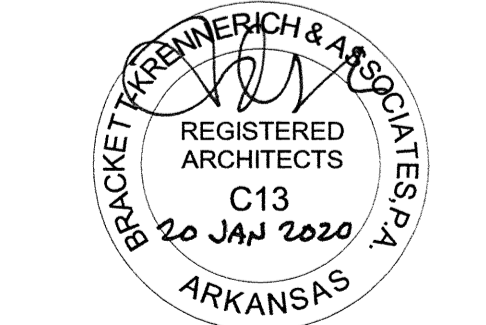


A wall section
 SCALE: 3/4" = 1'-0"

EARLY HEAD START FACILITY
 CITY OF POCAHONTAS
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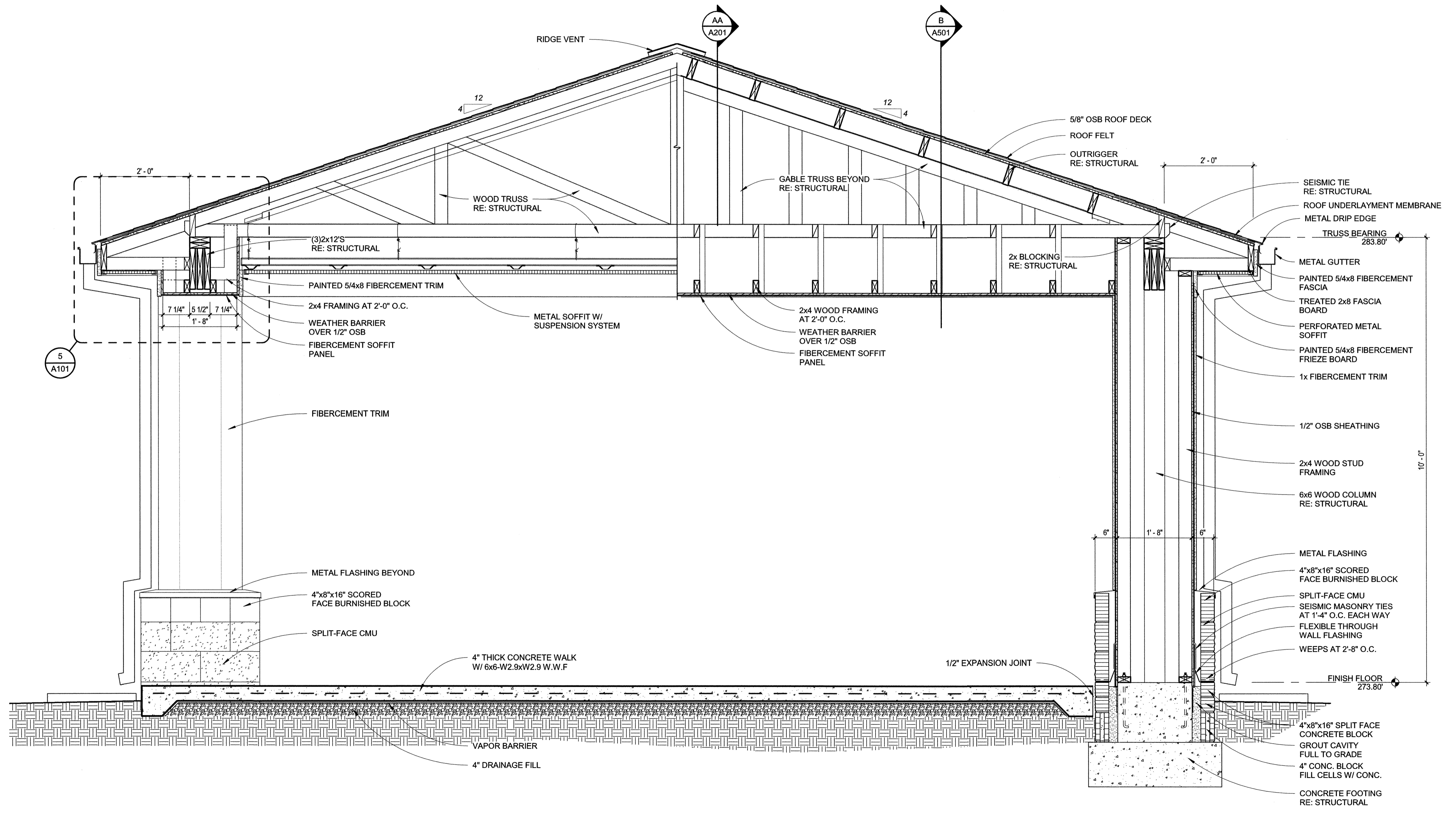


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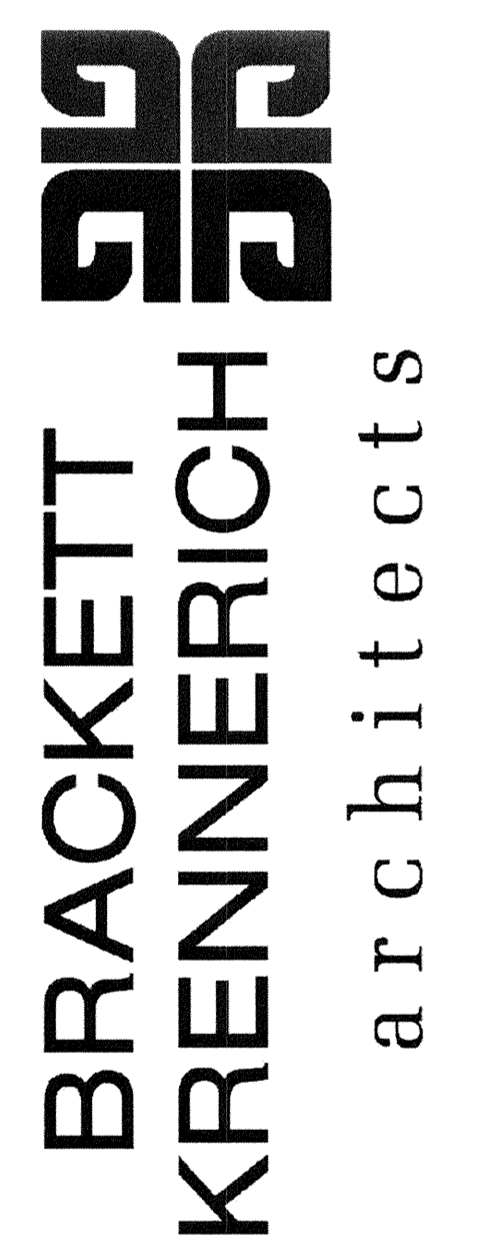
Commission Number
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A canopy section
 SCALE: 3/4" = 1'-0"

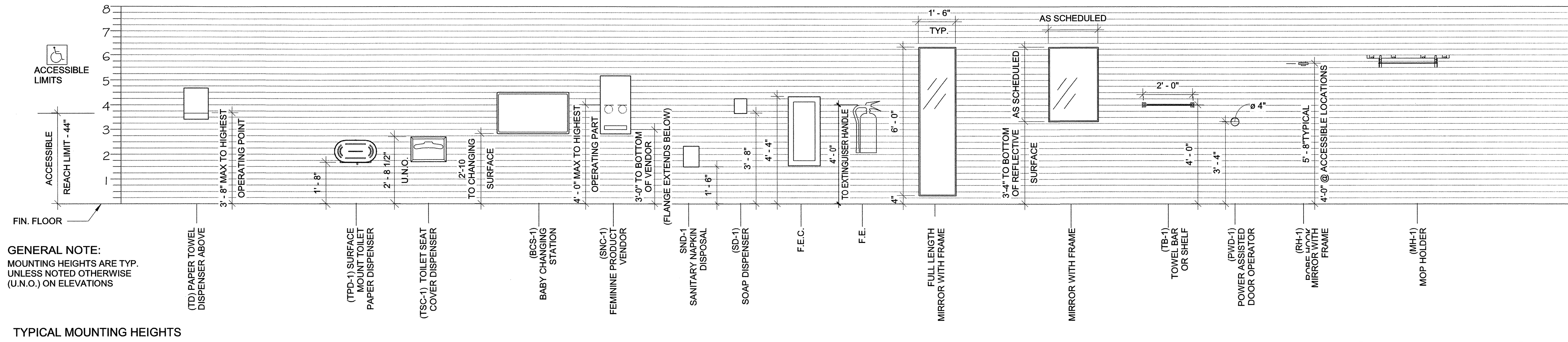
EARLY HEAD START FACILITY
 CITY OF POCAHONTAS
 Pocahontas, Arkansas



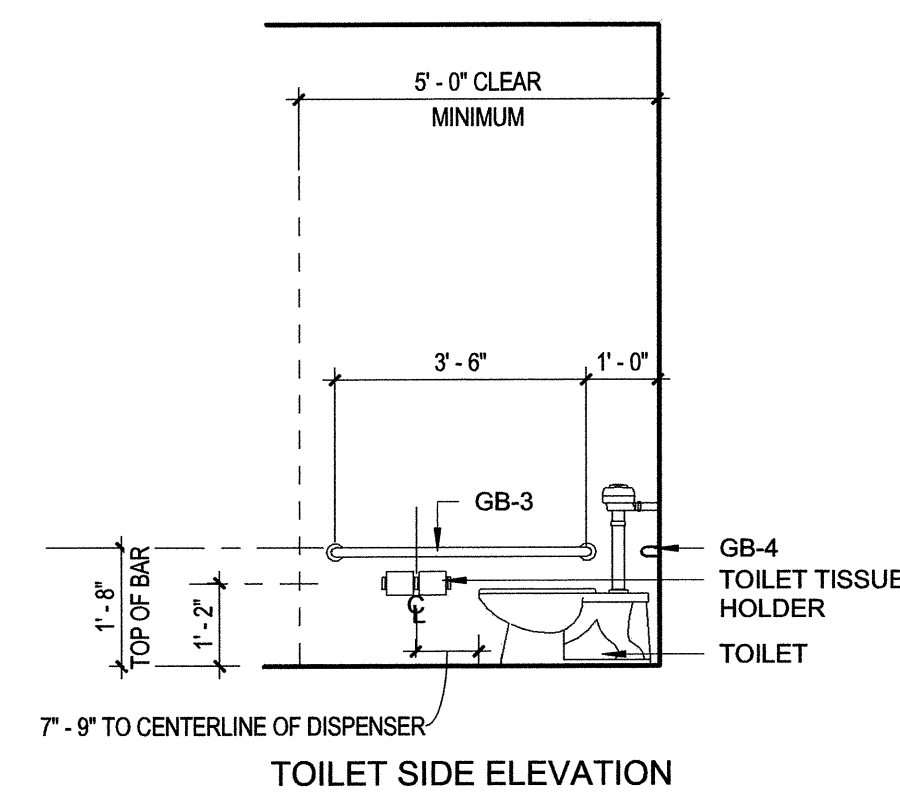
Revision Schedule	
Rev. No.	Description



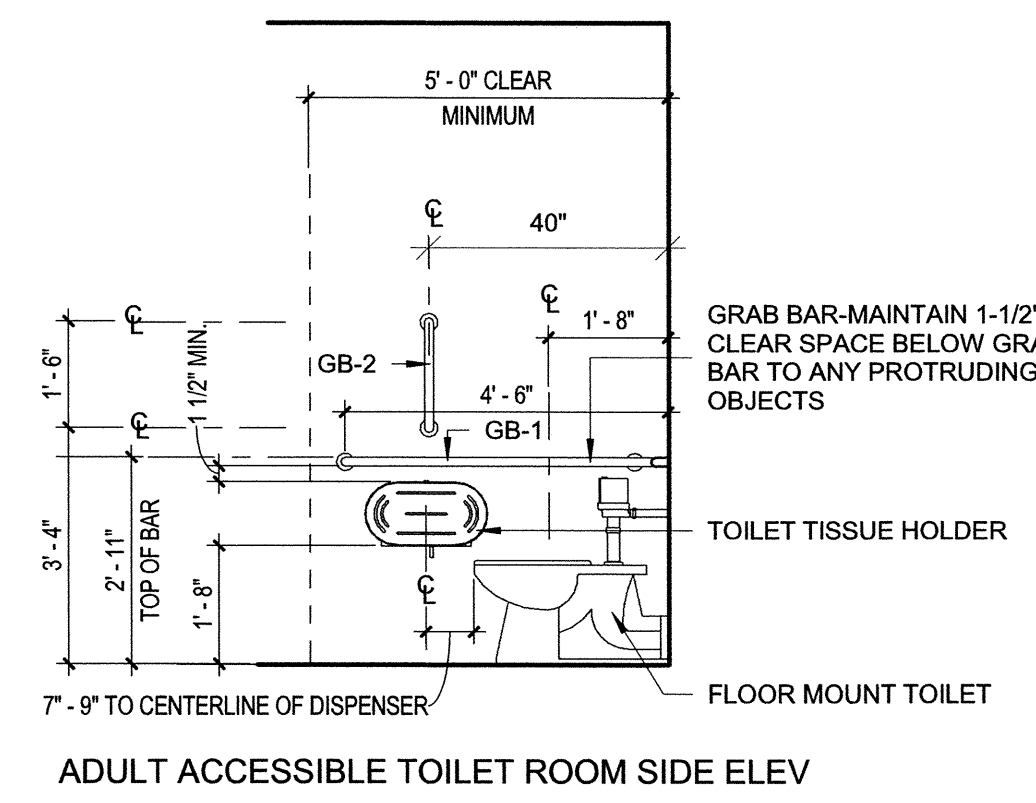
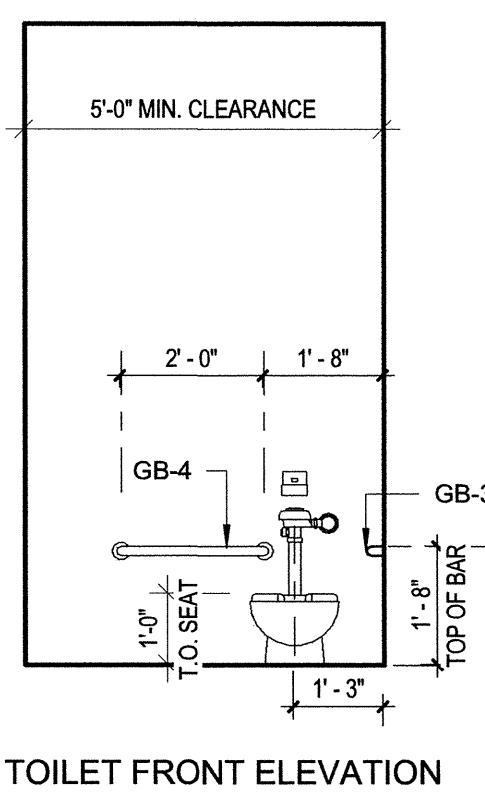
Commission Number
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A503
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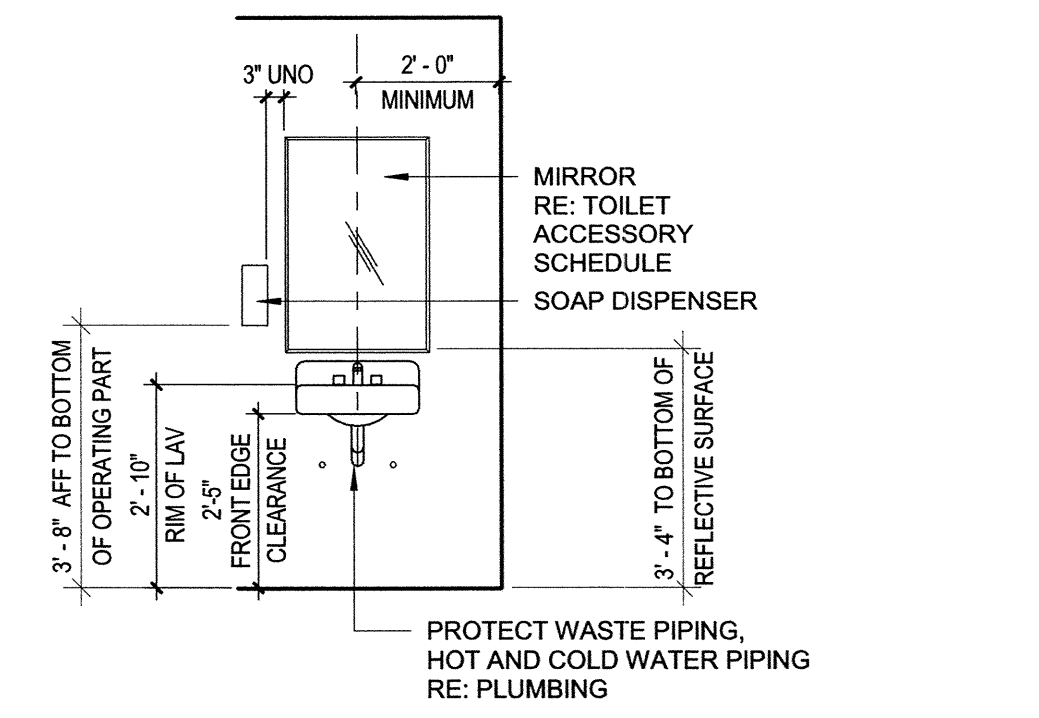
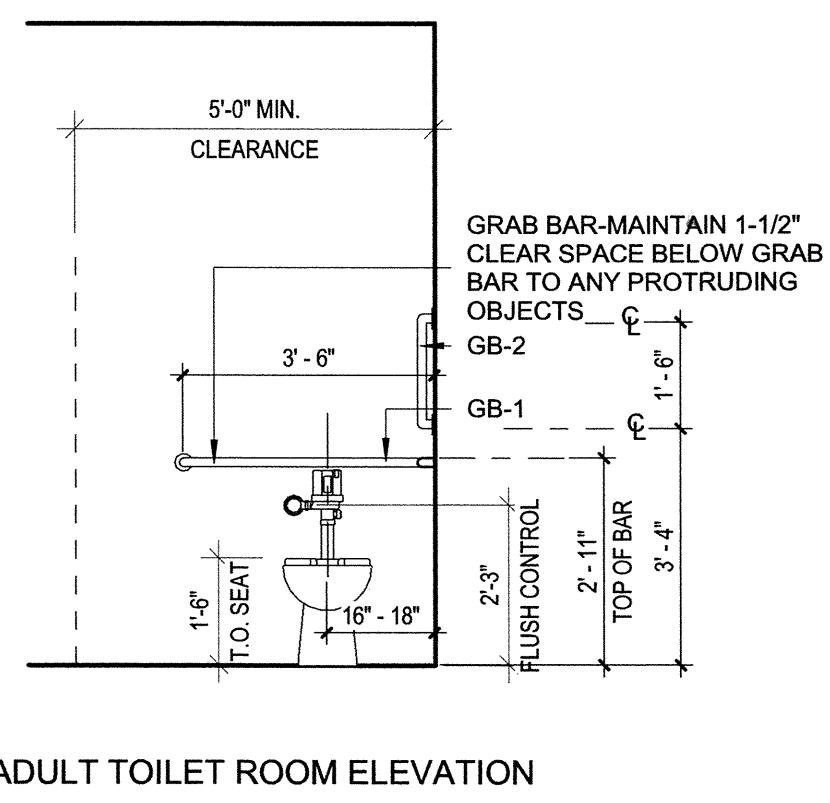
standard adult mounting heights for accessories
 3/8" = 1'-0"



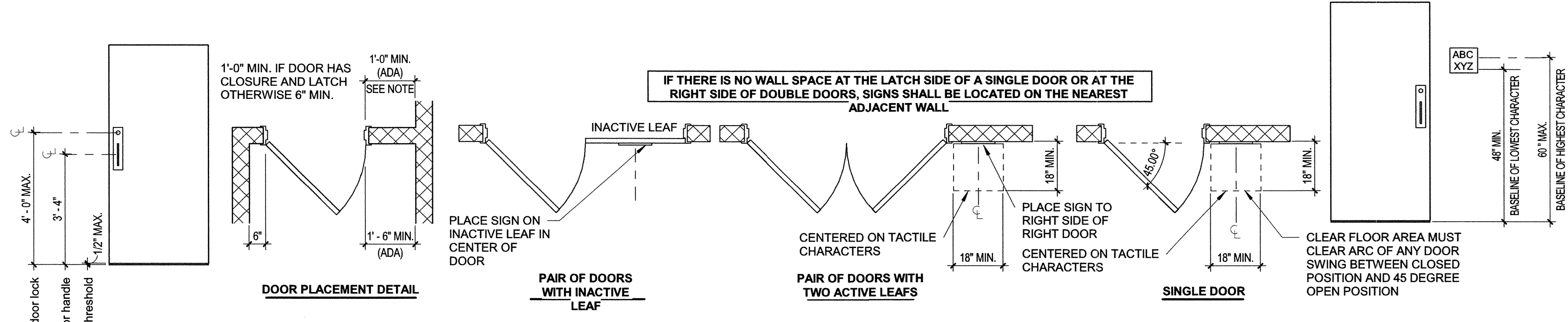
3 year old ADA toilet elevations
 SCALE: 3/8" = 1'-0"



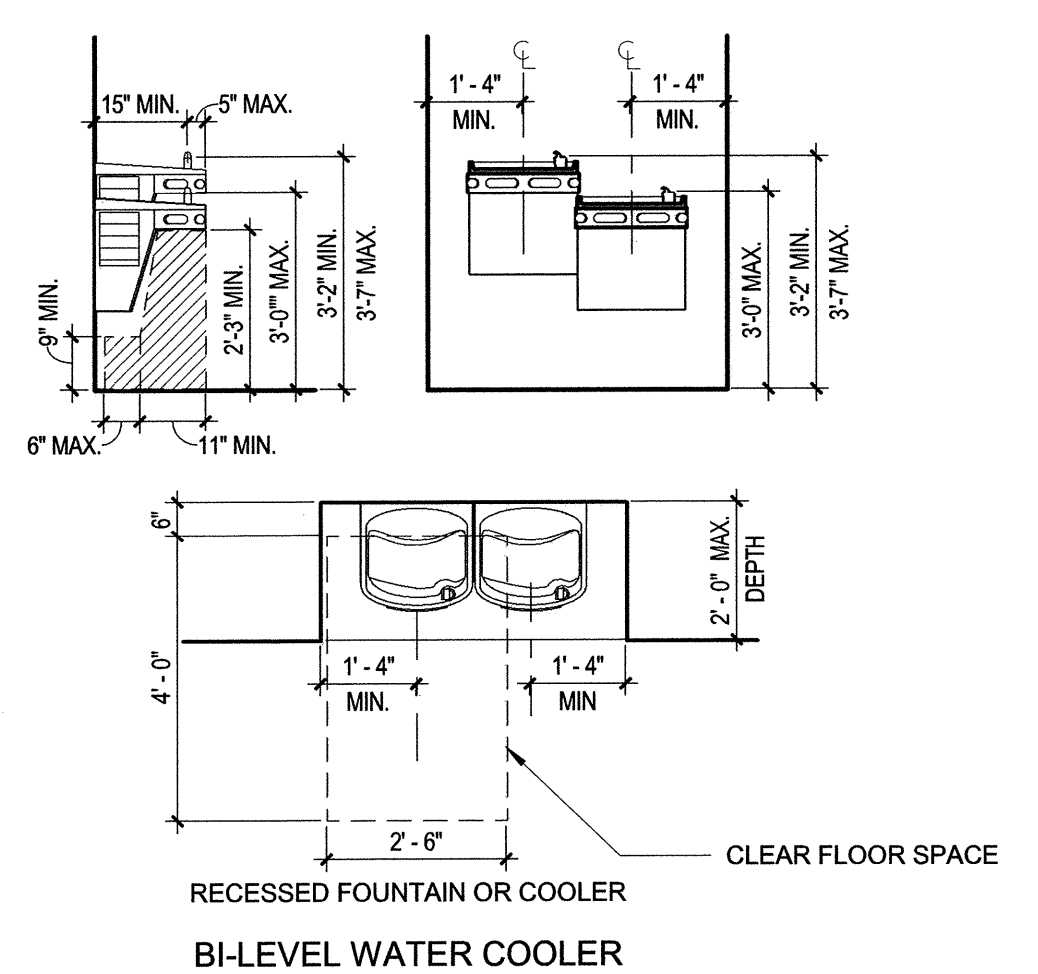
adult ADA toilet room elevations
 3/8" = 1'-0"



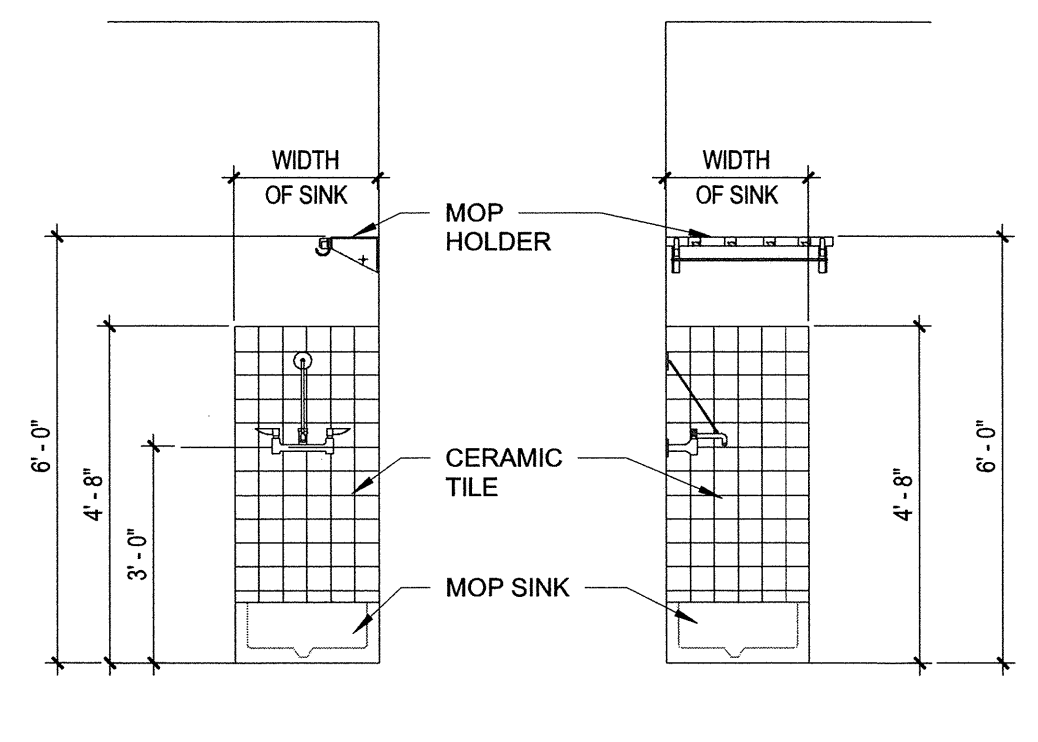
typical adult lavatory elevation
 3/8" = 1'-0"



door signage and hardware clearances
 3/8" = 1'-0"



water cooler clearances
 3/8" = 1'-0"



janitor sink elevations
 3/8" = 1'-0"

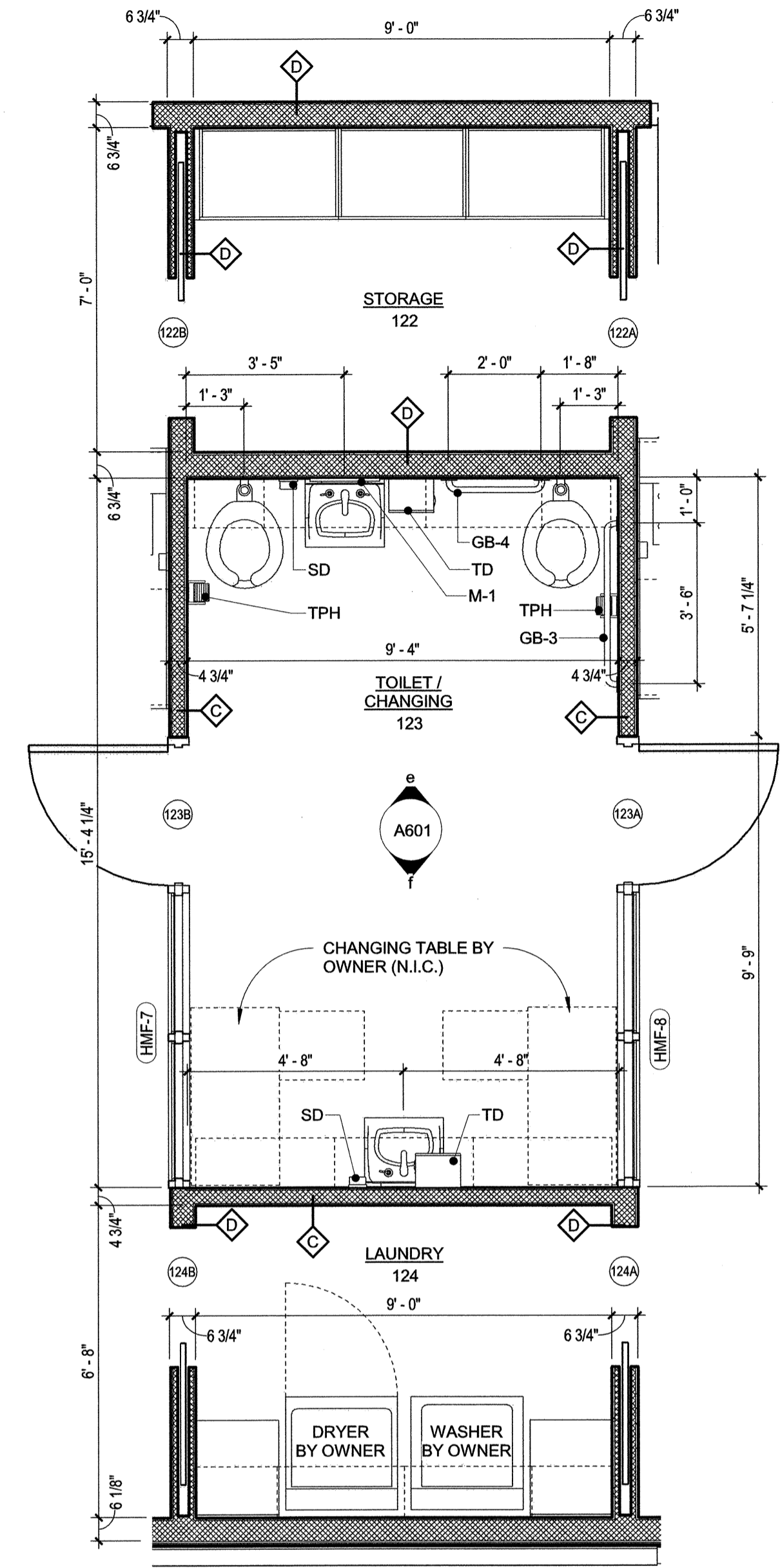
- GENERAL NOTES:**
1. THE INFORMATION PRESENTED ON THIS SHEET IS A GUIDE TO MEETING THE REQUIREMENTS OF THE ADA & THE AUTHORITY HAVING JURISDICTION AS THEY APPLY TO THIS PROJECT. THIS INFORMATION IS INTENDED TO BE NO LESS RESTRICTIVE THAN THE REQUIREMENTS PRESENTED IN THE ADA ACCESSIBILITY GUIDELINE (ADAAG). IN SOME CASES WHERE THEY ARE MORE RESTRICTIVE, THE CRITERIA PRESENTED HERE SHALL BE FOLLOWED. SOME OF THE TOILET ACCESSORIES ILLUSTRATED HERE ARE BASED ON PRODUCTS MANUFACTURED BY A SPECIFIC COMPANY BUT THIS IN NO WAY IS MEANT TO RESTRICT THE USE OF PRODUCTS OF OTHER MANUFACTURERS AS MAY BE PERMITTED BY THE PROJECT MANUAL & SPECIFICATION. ALL DIMENSIONS MUST BE COORDINATED & REVIEWED WITH OWNER SUPPLIED ACCESSORIES. CONTRACTORS & SUPPLIERS SHALL NOTIFY THE ARCHITECT IF THEY BELIEVE A PRODUCT SPECIFIED OR AN INSTALLATION DETAIL TO BE CONTRARY TO THE MINIMUM REQUIREMENTS OF THE ADAAG & THE AUTHORITY HAVING JURISDICTIONS, CODES.
 2. THE SERVICE OR OPERATING POINT FOR ALL INSTALLED TOILET ROOM EQUIPMENT OR ACCESSORIES SHALL BE MOUNTED NOT MORE THAN 44" AFF.
 3. NO CONSTRUCTION OR EQUIPMENT SHALL BE INSTALLED WHICH DIMINISHES AN ACCESSIBLE ROUTE TO LESS THAN 36" WIDE BY 80" HIGH.
 4. NO OBJECT SHALL BE INSTALLED WHICH PROTRUDES MORE THAN 4" FROM THE WALL IF THE BOTTOM OF THE LEADING EDGE IS BETWEEN 27" & 80" ABOVE THE FINISHED FLOOR.
 5. ALL GRAB BARS SHALL HAVE A 1-1/2" CLEAR FINGER SPACE BETWEEN THE WALL & THE GRAB BAR.
 6. ALL GRATINGS LOCATED IN WALKING SURFACES SHALL HAVE SPACES NO GREATER THAN 1/2" WIDE IN ONE DIRECTION & WHERE ELONGATED OPENINGS ARE PROVIDED THEY SHALL BE PLACED SO THAT THE LONG DIRECTION IS PERPENDICULAR TO THE DOMINANT DIRECTION OF TRAVEL.
 7. NO RAMP SHALL BE CONSTRUCTED WITH A SLOPE GREATER THAN 7.5% IN THE DIRECTION OF TRAVEL AND A CROSS SLOPE GREATER THAN 1.5%.
 8. REFER TO SPECIFICATION SECTION 10 2813 TOILET ACCESSORIES FOR MODEL NUMBERS AND TOILET PLANS FOR ACCESSORY LOCATIONS.
 9. A FLOOR SLOPE LESS THAN 1:20 IS NOT A RAMP. CROSS SLOPES CANNOT EXCEED 1.5%.
 10. CHANGES IN LEVEL BETWEEN 1/4" INCH AND 1/2" SHALL BE BEVELED WITH A SLOPE NO GREATER THAN 1:2.

Revision Schedule	Issued by
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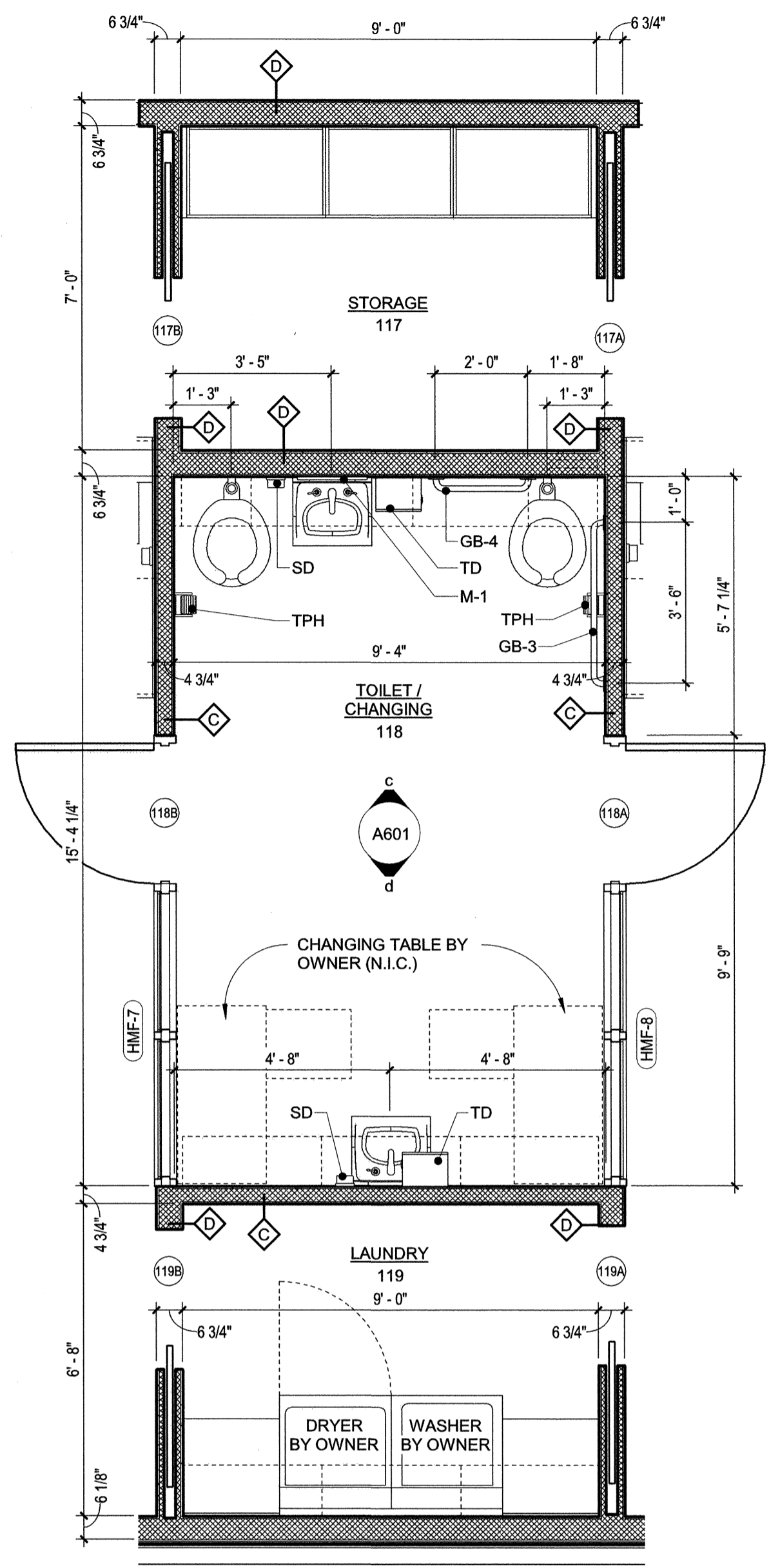


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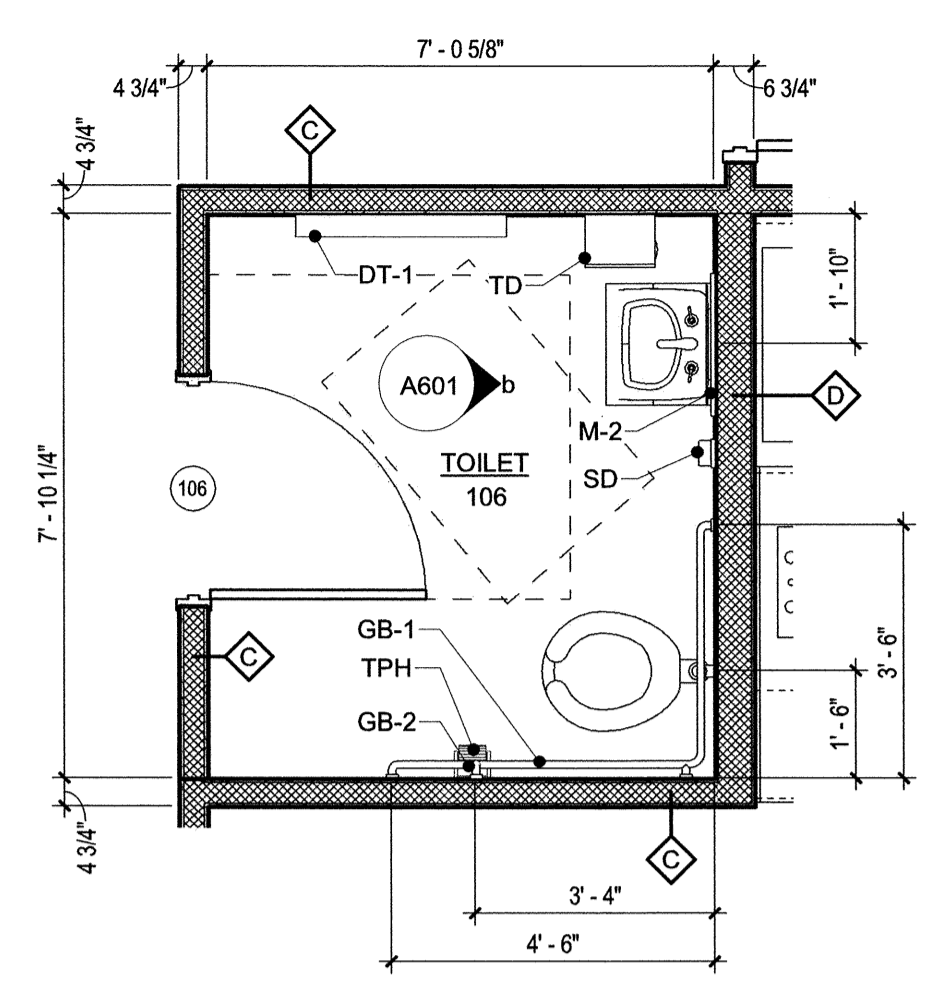
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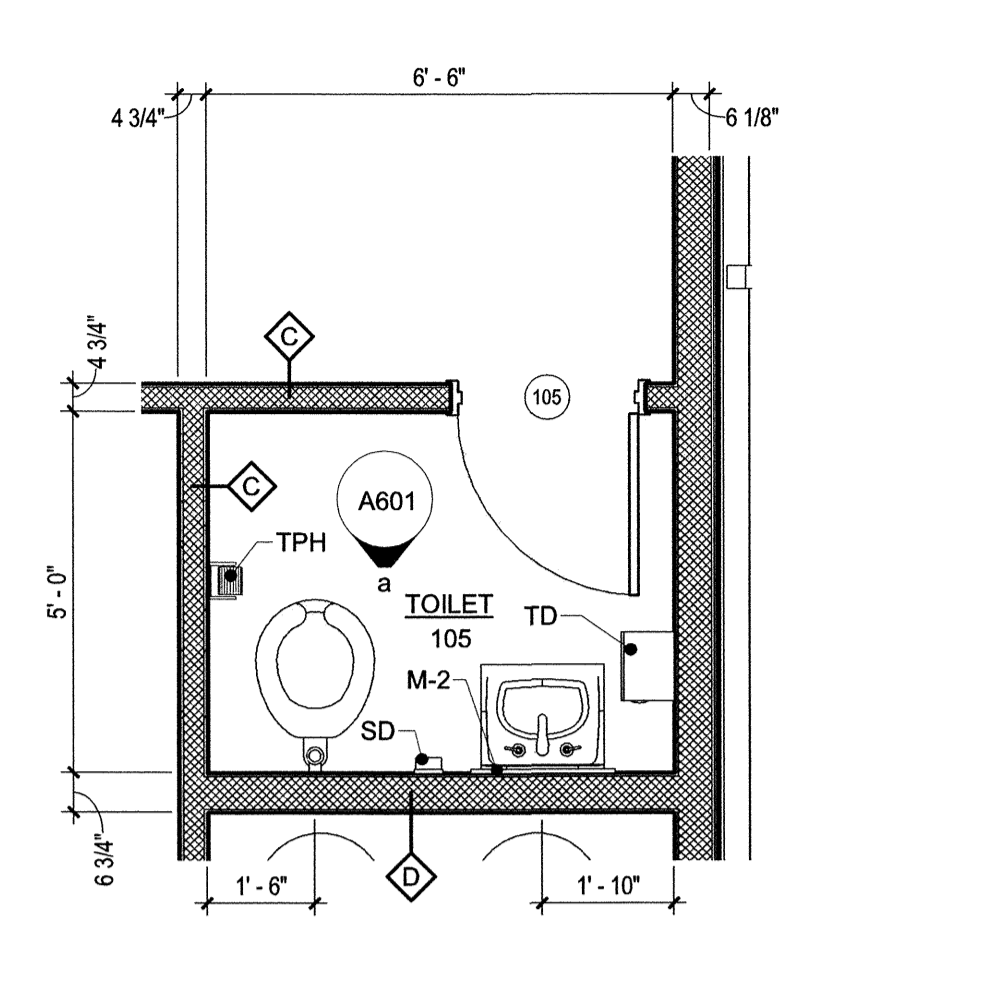
n toilet/changing 123
SCALE: 3/8" = 1'-0"



n toilet/changing 118
SCALE: 3/8" = 1'-0"

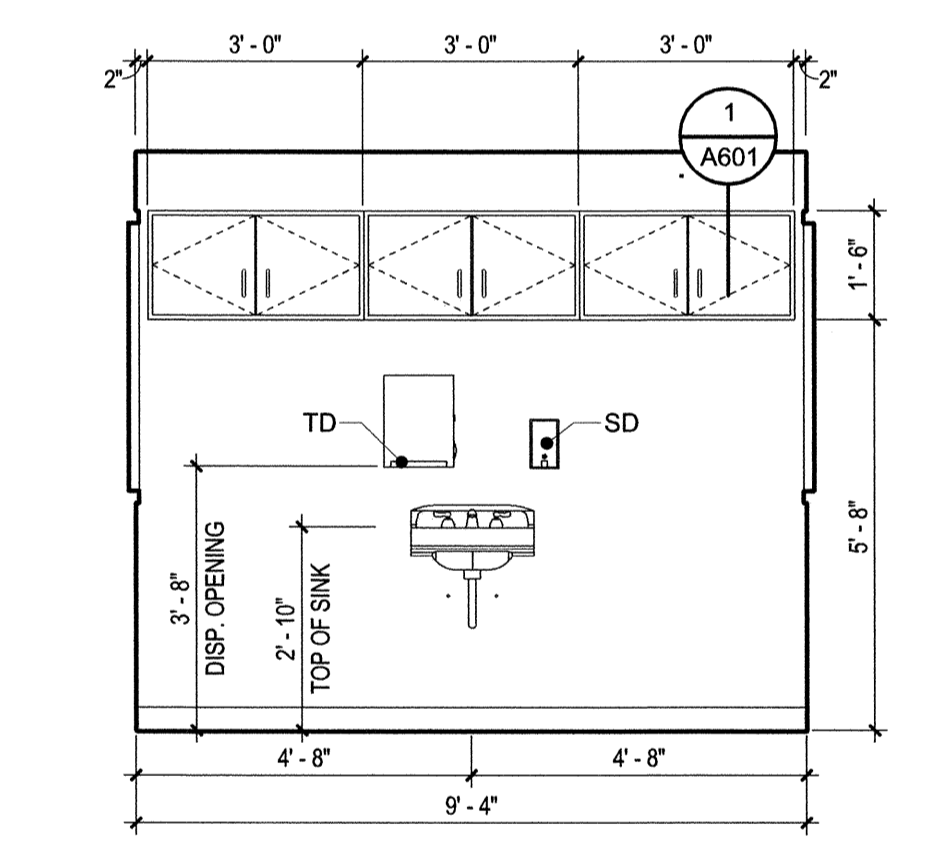


n toilet 106
SCALE: 3/8" = 1'-0"

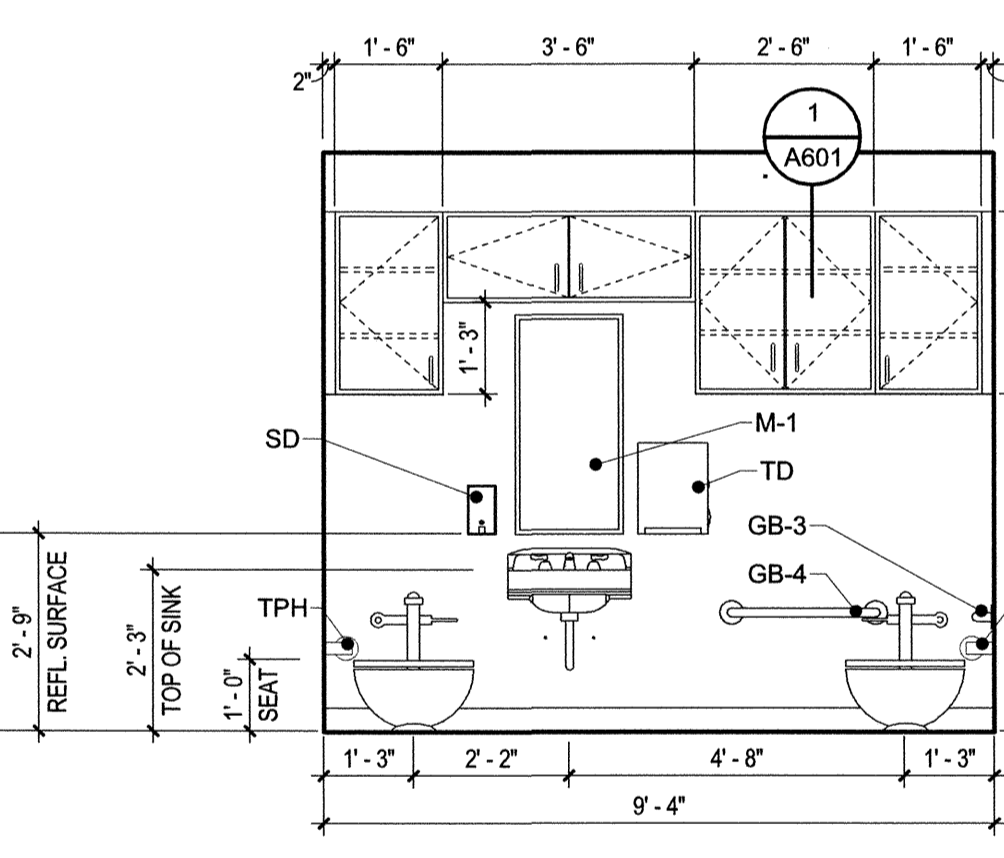


n toilet 105
SCALE: 3/8" = 1'-0"

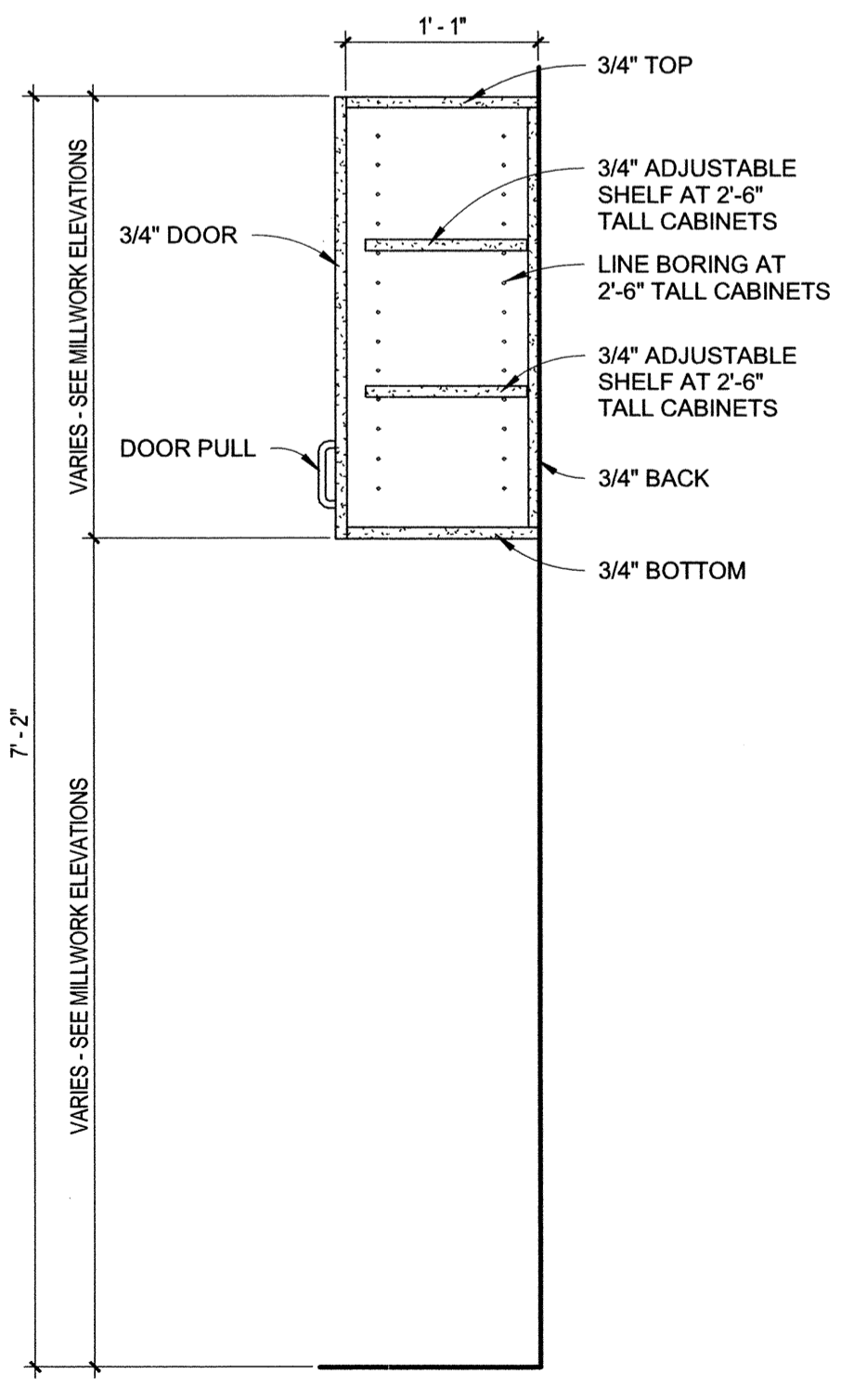
TOILET ACCESSORIES LEGEND	
GB-1	GRAB BAR (42" x 54" "L" SHAPED)
GB-2	GRAB BAR (18" LONG)
GB-3	GRAB BAR (42" LONG)
GB-4	GRAB BAR (24" LONG)
M-1	18"W x 36"H MIRROR
M-2	24"W x 36"H MIRROR
DT-1	FOLD-DN DIAPER CHANGING TABLE
MH-1	MOP HANGER
TD	TOWEL DISPENSER
SD	SOAP DISPENSER
TPH	TOILET PAPER HOLDER



f toilet / changing 123
3/8" = 1'-0"



e toilet / changing 123
3/8" = 1'-0"



1 cabinet section
SCALE: 1" = 1'-0"

EARLY HEAD START FACILITY
CITY OF POCAHONTAS
Pocahontas, Arkansas

BRACKETT KRENNERICH
architects

Revision Schedule	
Tag	Rev. Description

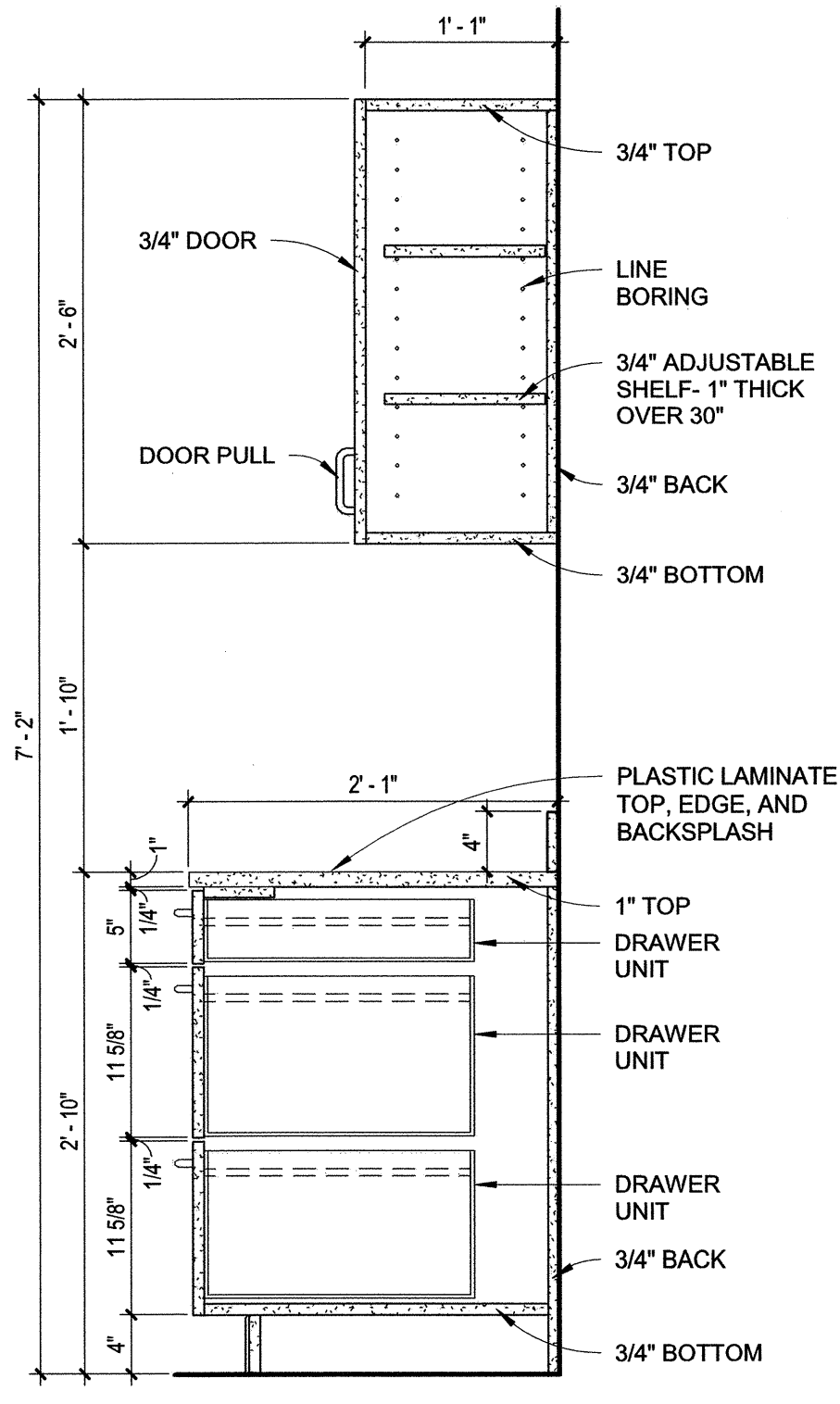


Commission Number
14617

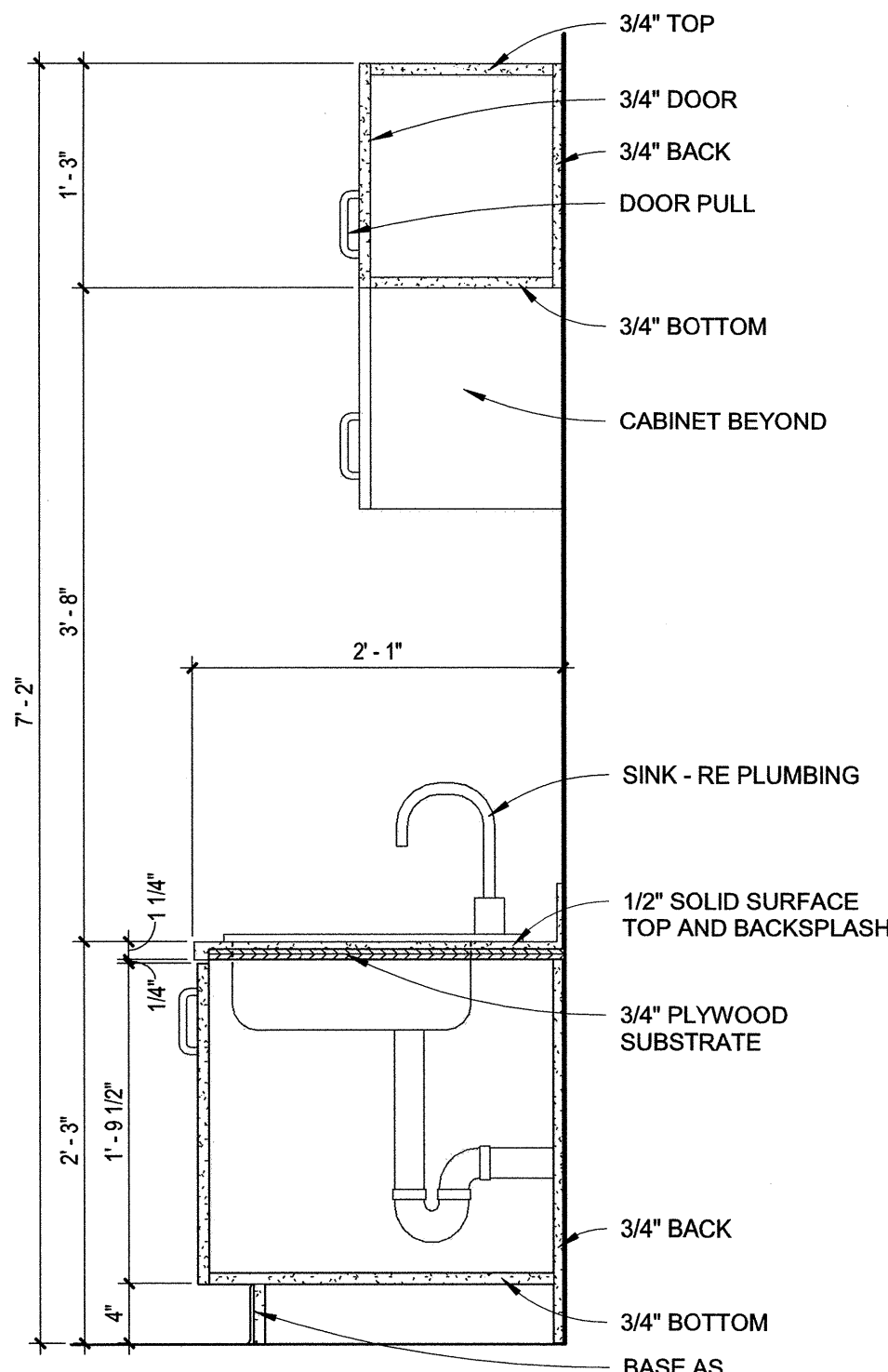
A601

Date: August 16, 2019

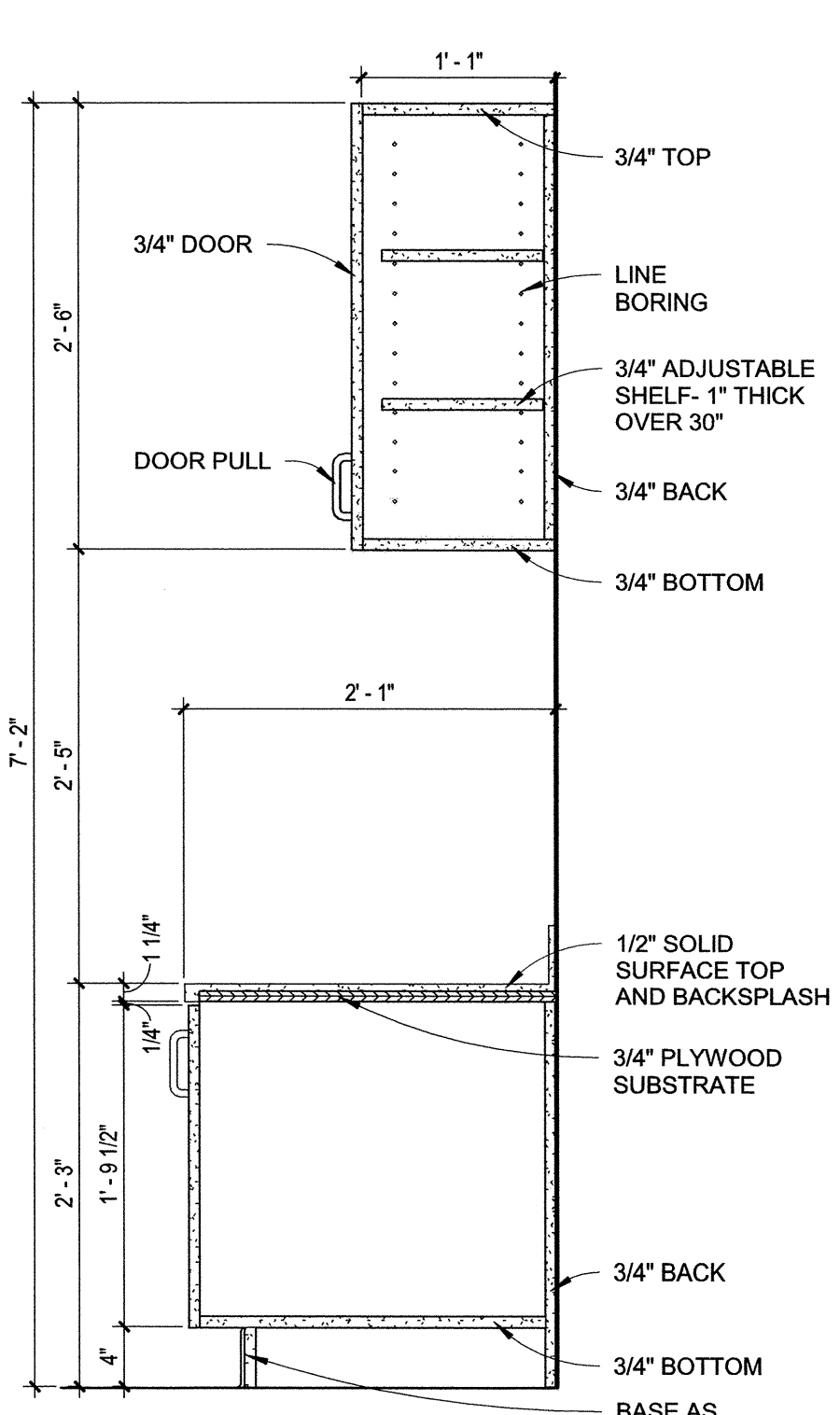
ENLARGED TOILET PLANS, TOILET ELEVATIONS, MILLWORK SECTION
100 East Huntington Ave, Suite D, P.O. Box 1655
870-932-0571
Fax 870-932-0975
www.bkarchts.com



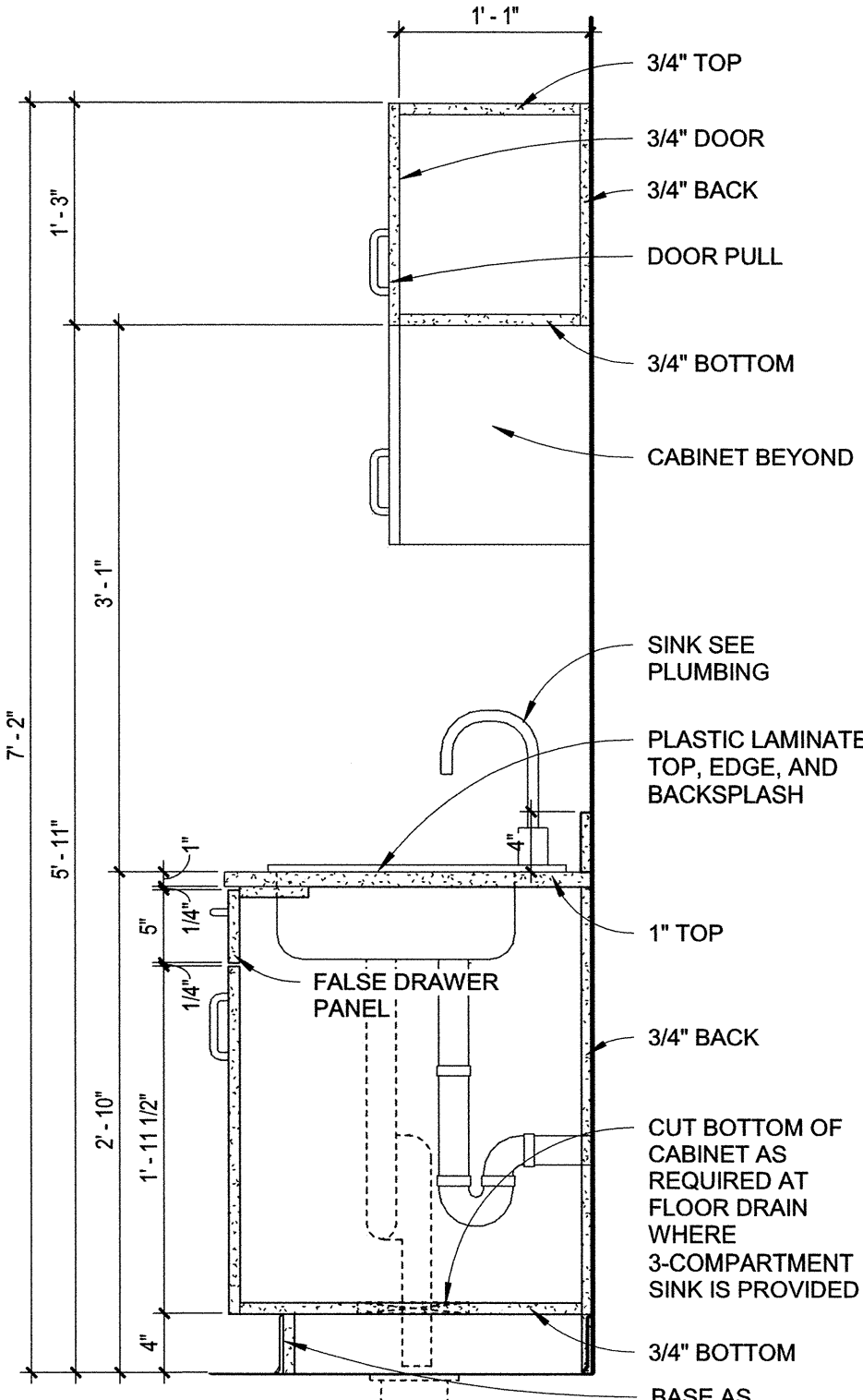
6 cabinet section
SCALE: 1" = 1'-0"



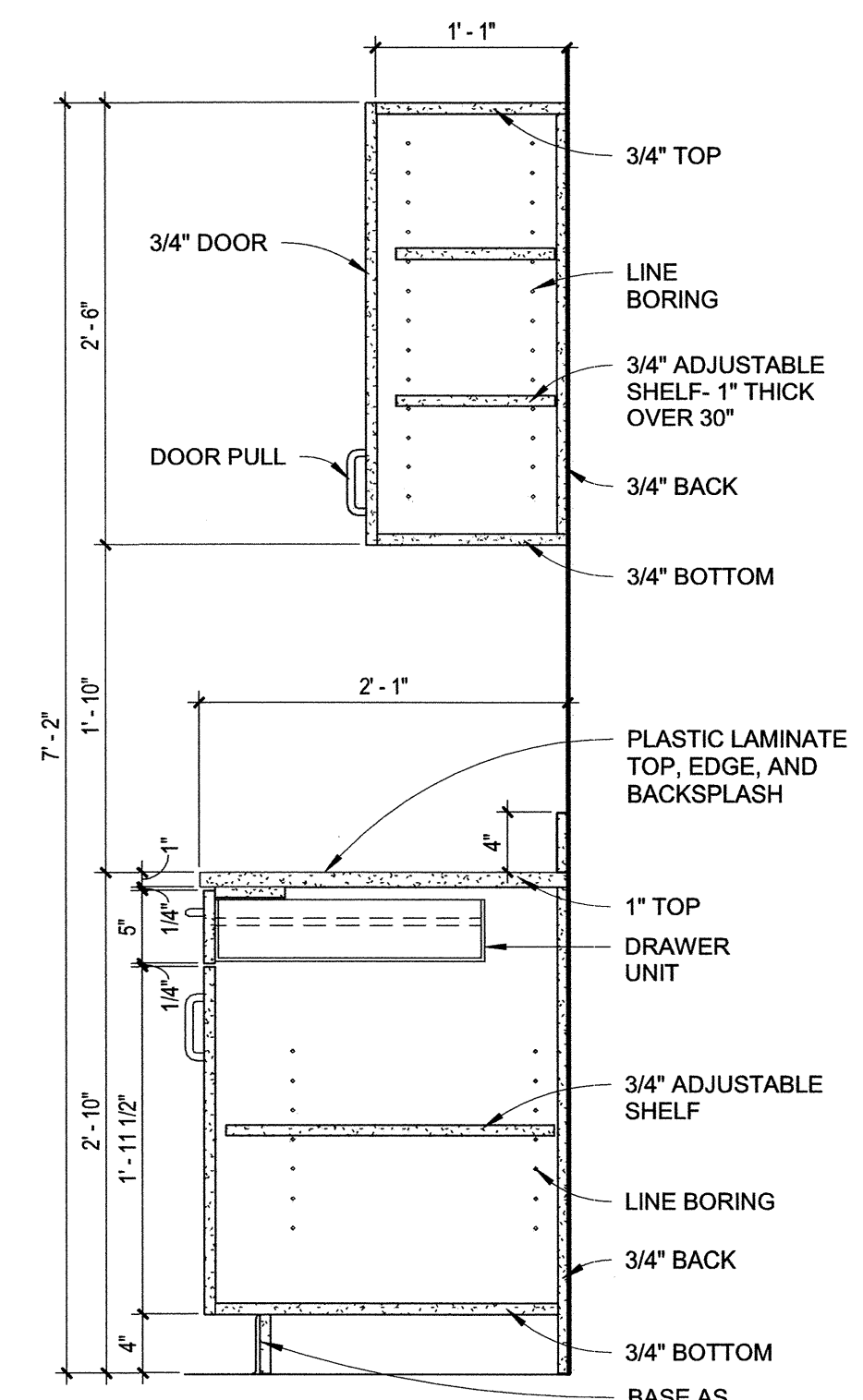
5 cabinet section
SCALE: 1" = 1'-0"



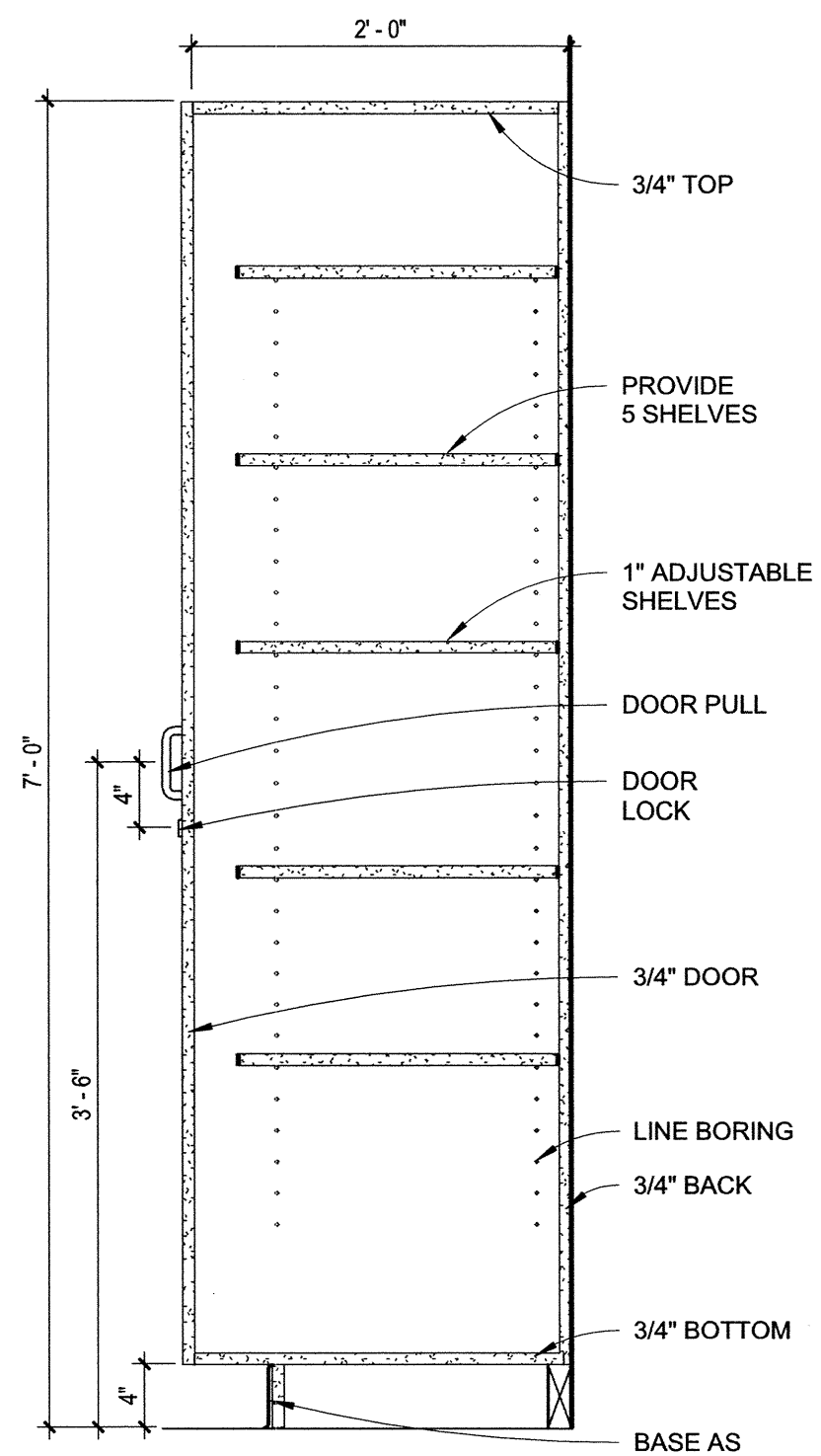
4 cabinet section
SCALE: 1" = 1'-0"



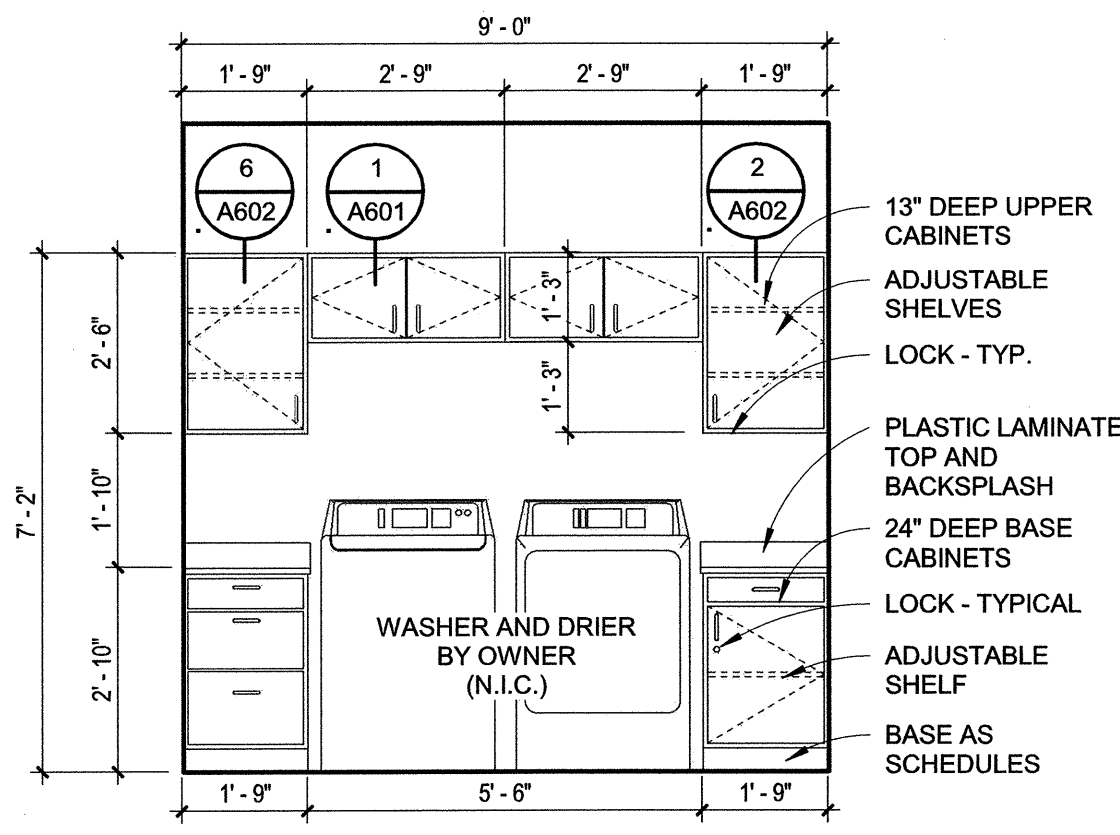
3 cabinet section
SCALE: 1" = 1'-0"



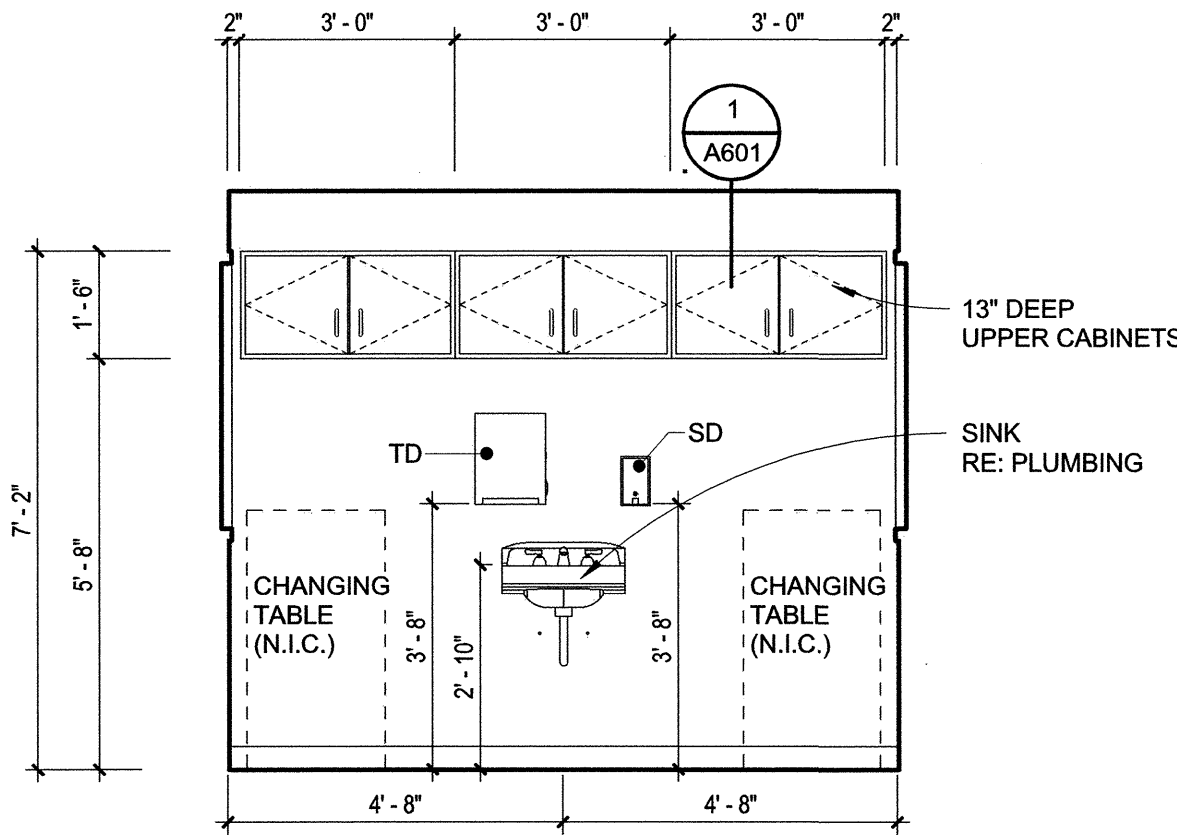
2 cabinet section
SCALE: 1" = 1'-0"



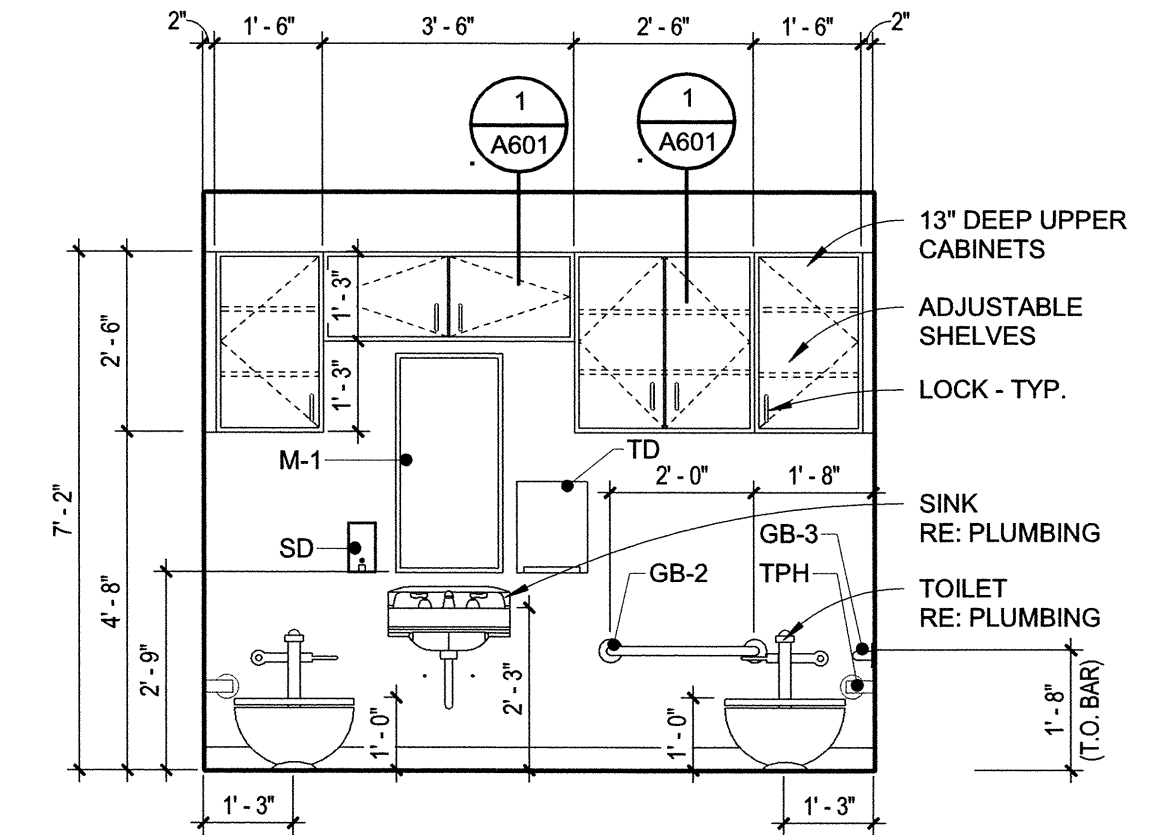
1 cabinet section
SCALE: 1" = 1'-0"



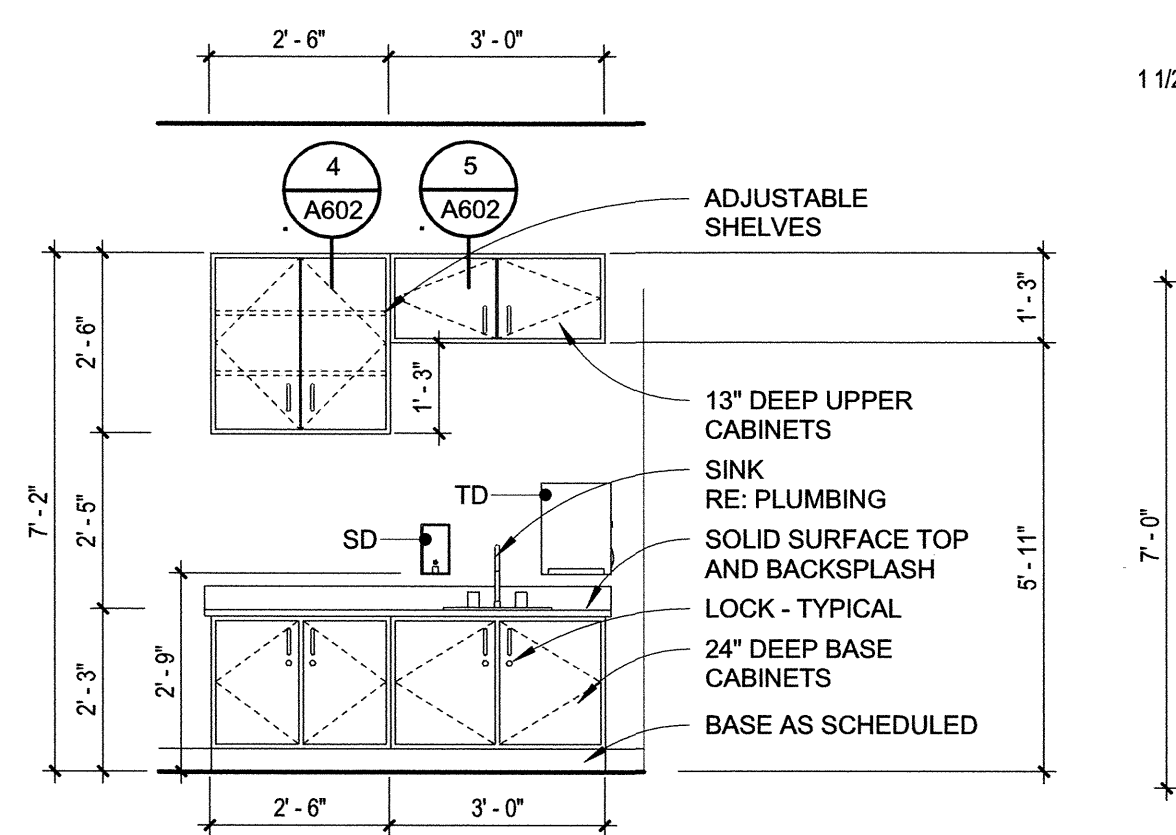
millwork - 9
SCALE: 3/8" = 1'-0"



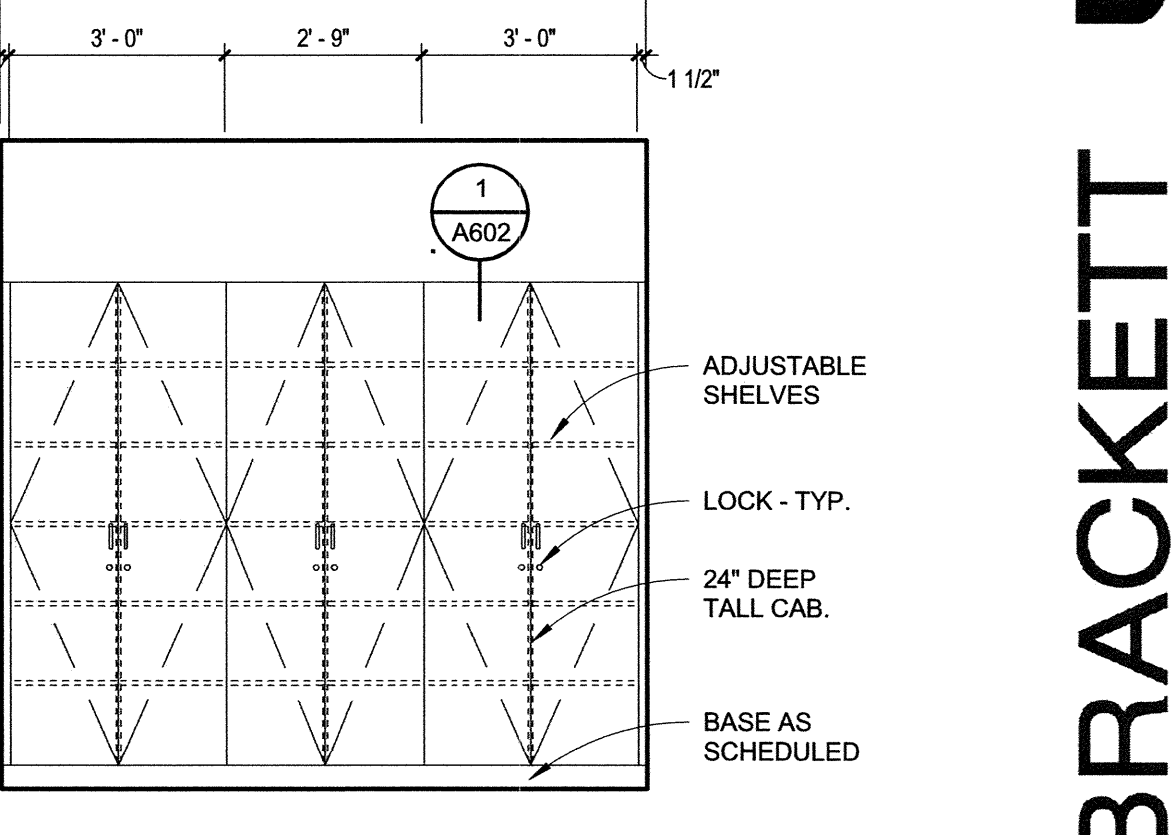
millwork - 8
SCALE: 3/8" = 1'-0"



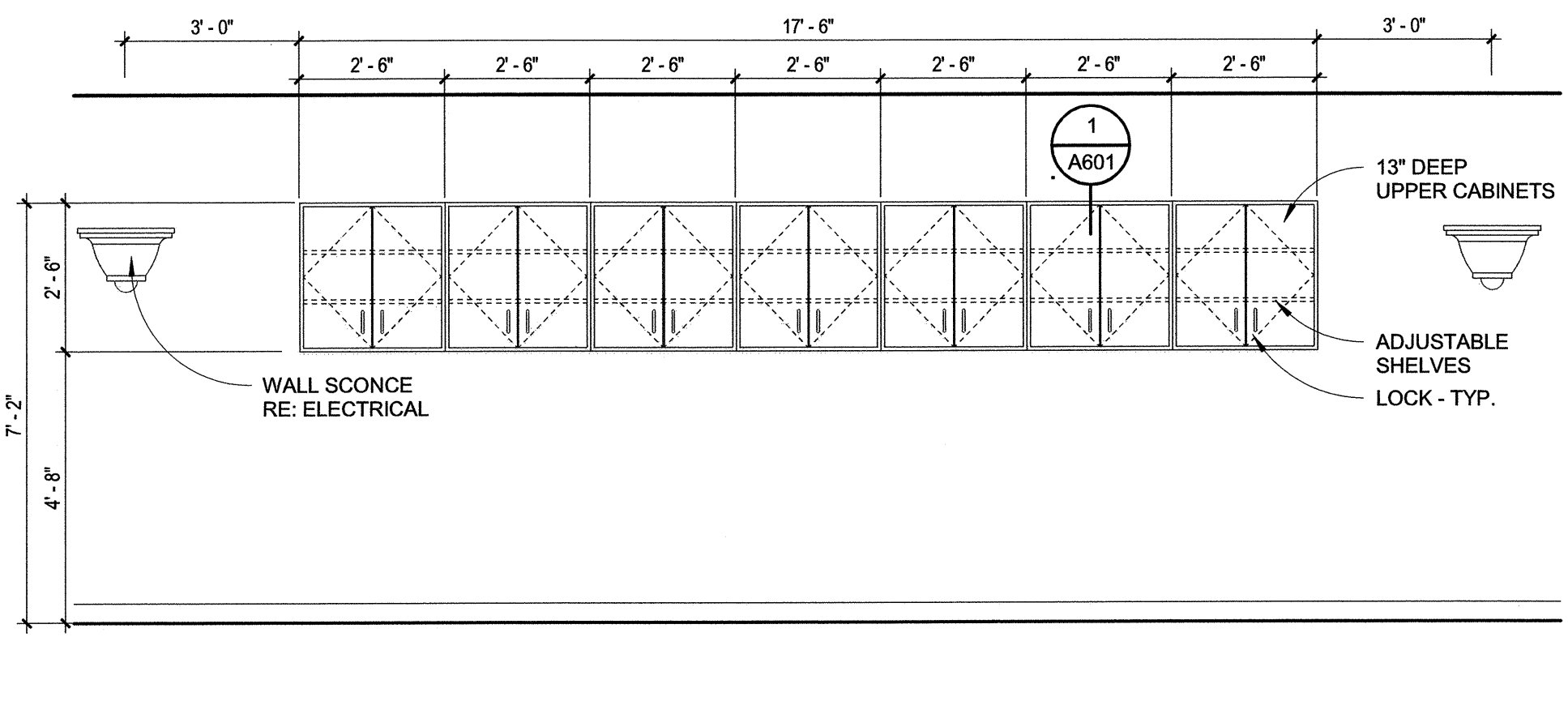
millwork - 7
SCALE: 3/8" = 1'-0"



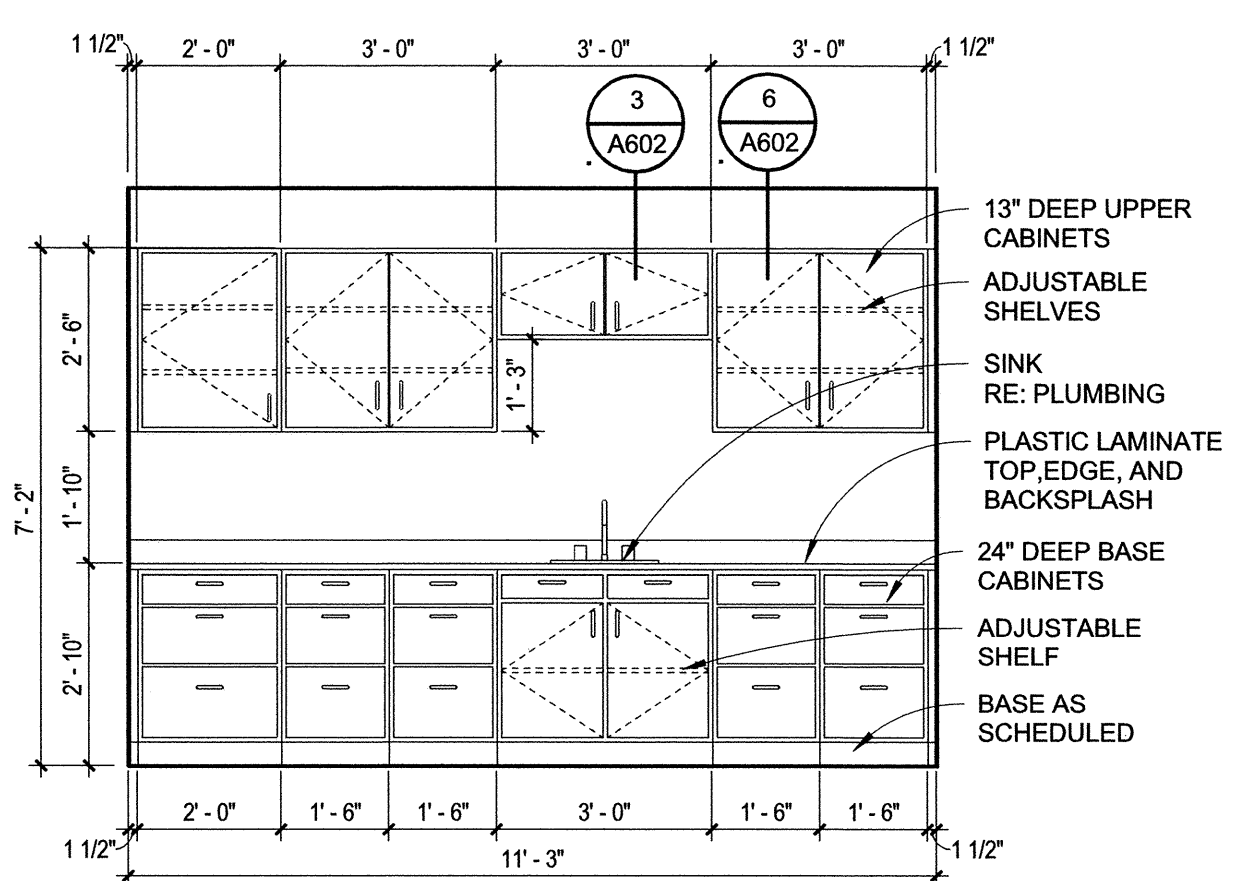
millwork - 6
SCALE: 3/8" = 1'-0"



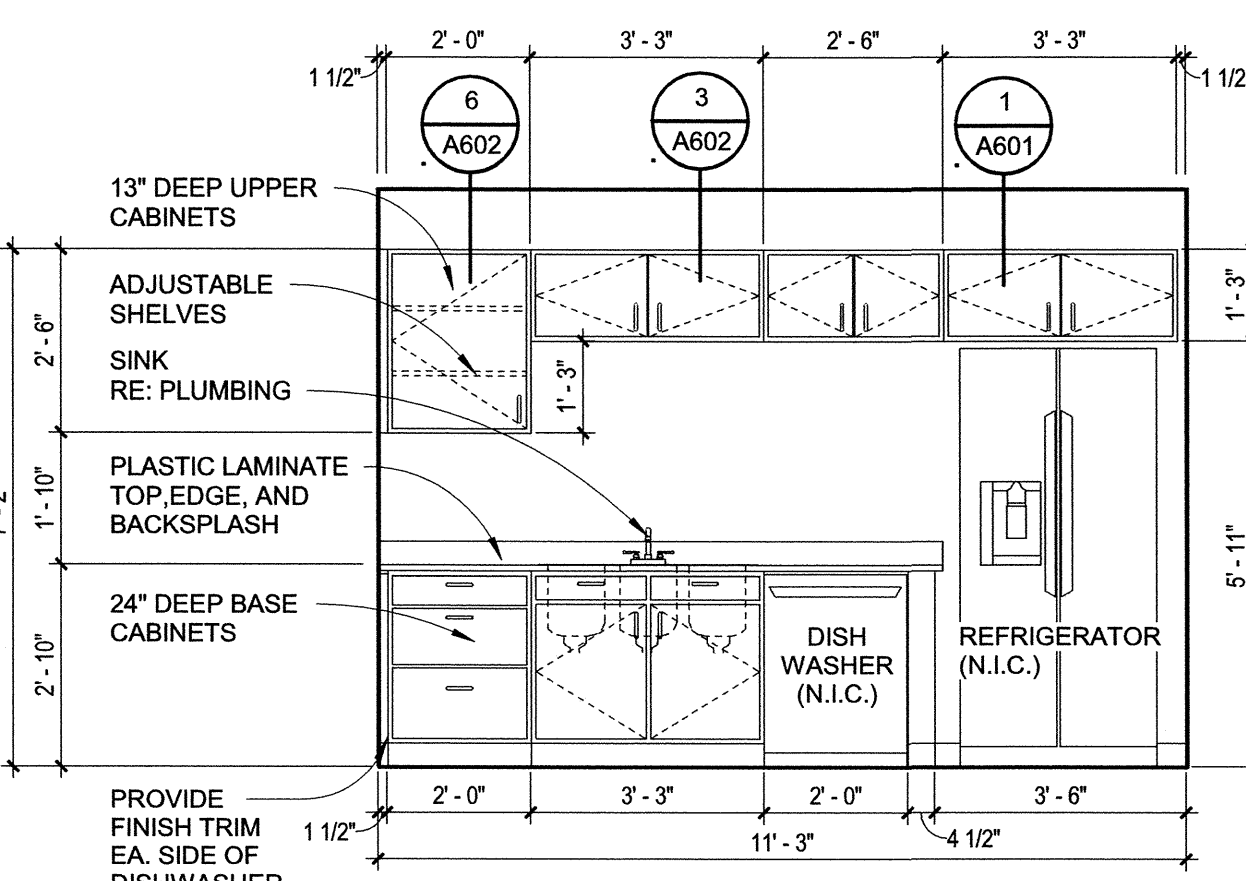
millwork - 5
SCALE: 3/8" = 1'-0"



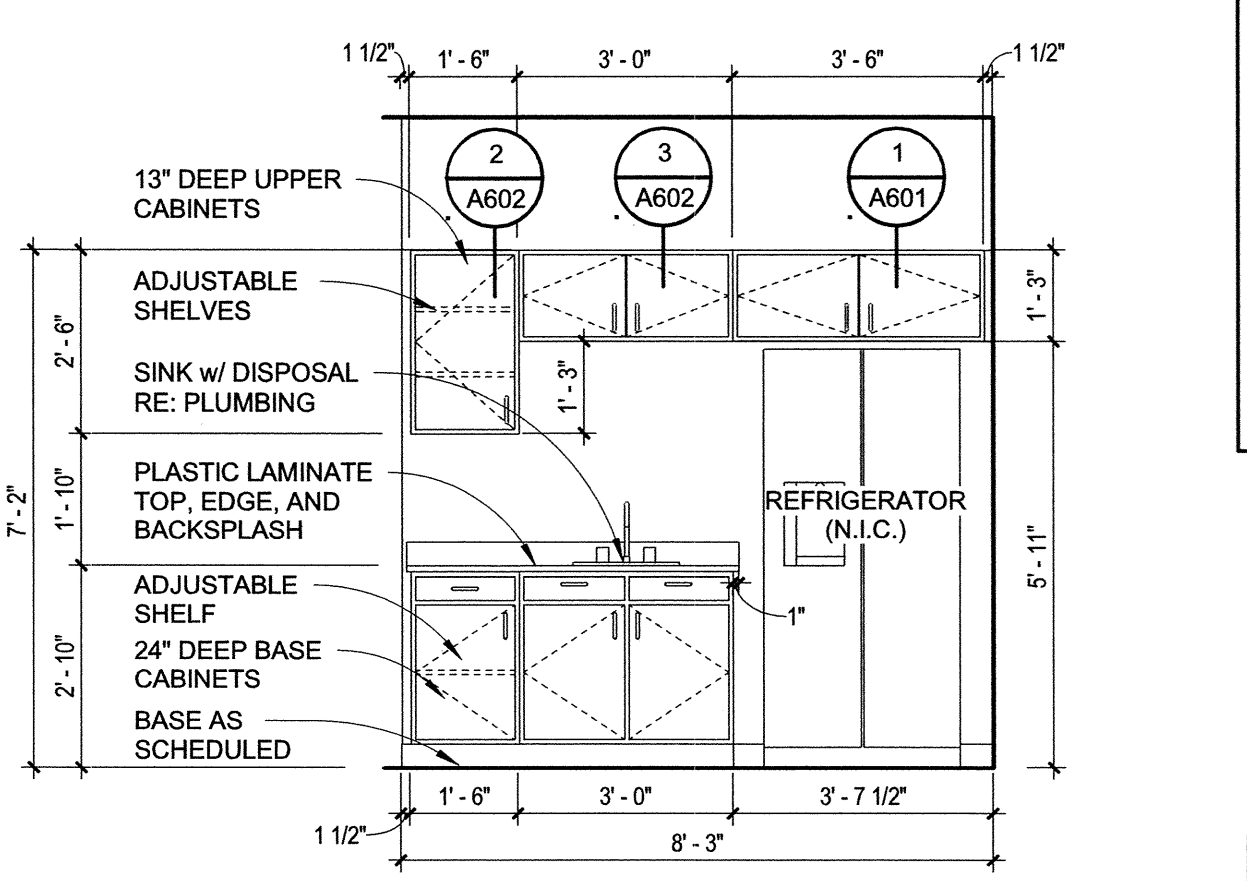
millwork - 4
SCALE: 3/8" = 1'-0"



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



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



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

EARLY HEAD START FACILITY
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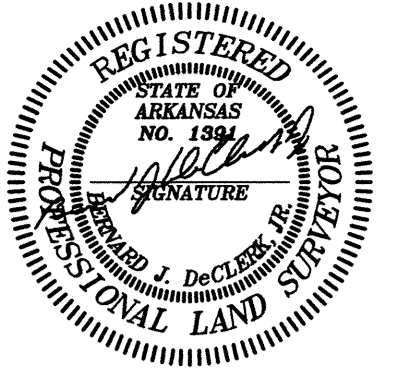
Revision Schedule	Issued	Rev. Description	Rev. Date	By



Commission Number
14617

A602

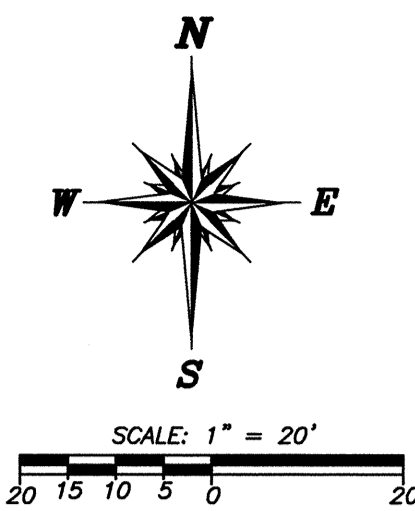
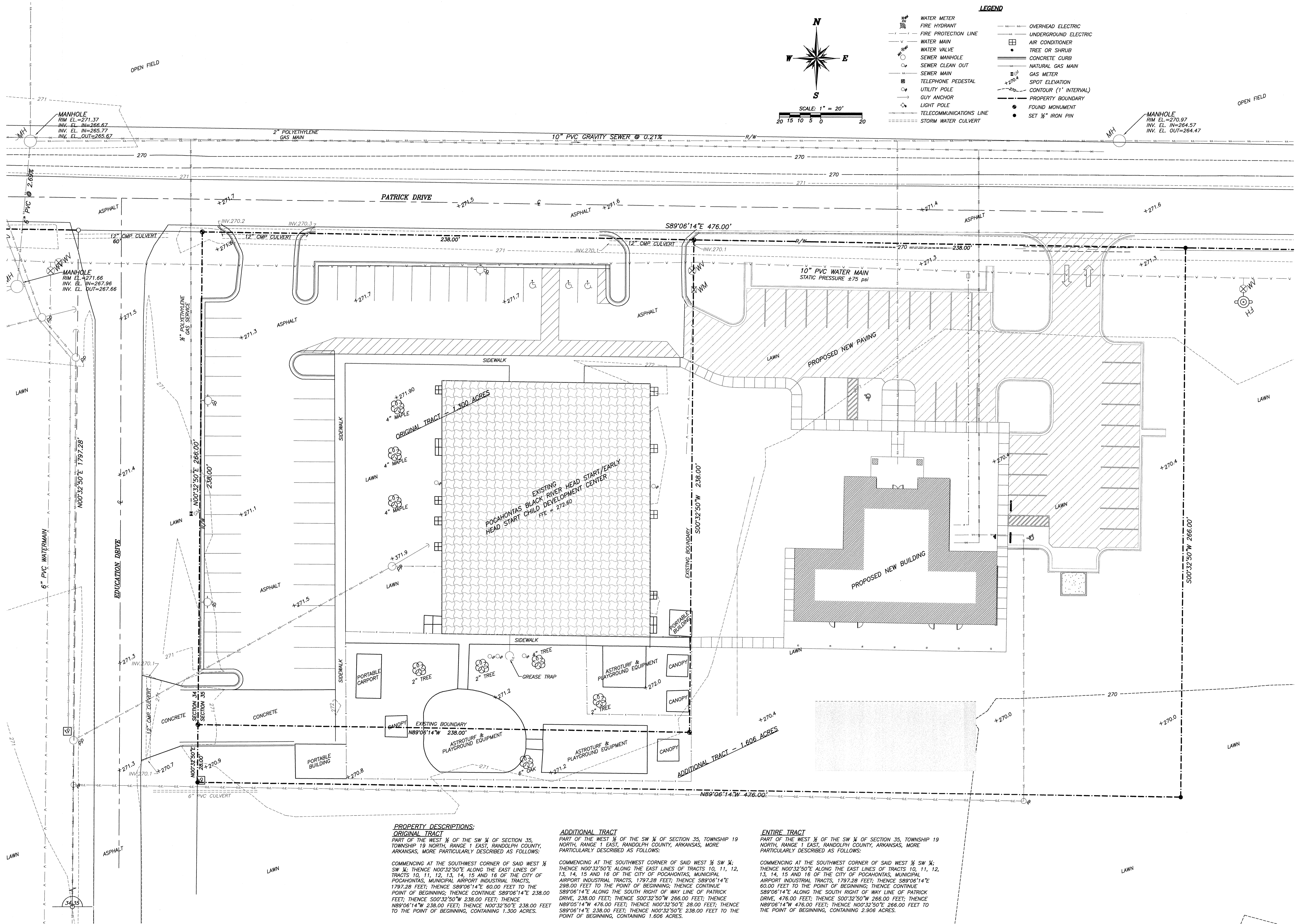
Date: August 16, 2019



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CITY OF POCAHONTAS
Pocahontas, Arkansas

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Commission Number
C001
Date: July 12, 2019



- LEGEND**
- WATER METER
 - FIRE HYDRANT
 - FIRE PROTECTION LINE
 - WATER MAIN
 - WATER VALVE
 - SEWER MANHOLE
 - SEWER CLEAN OUT
 - SEWER MAIN
 - TELEPHONE PEDESTAL
 - UTILITY POLE
 - GUY ANCHOR
 - LIGHT POLE
 - TELECOMMUNICATIONS LINE
 - STORM WATER CULVERT
 - OVERHEAD ELECTRIC
 - UNDERGROUND ELECTRIC
 - AIR CONDITIONER
 - TREE OR SHRUB
 - CONCRETE CURB
 - NATURAL GAS MAIN
 - GAS METER
 - SPOT ELEVATION
 - CONTOUR (1' INTERVAL)
 - PROPERTY BOUNDARY
 - FOUND MONUMENT
 - SET 1/2" IRON PIN

PROPERTY DESCRIPTIONS:

ORIGINAL TRACT
PART OF THE WEST 1/4 OF THE SW 1/4 OF SECTION 35, TOWNSHIP 19 NORTH, RANGE 1 EAST, RANDOLPH COUNTY, ARKANSAS, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SAID WEST 1/4 SW 1/4; THENCE N00°32'50"E ALONG THE EAST LINES OF TRACTS 10, 11, 12, 13, 14, 15 AND 16 OF THE CITY OF POCAHONTAS, MUNICIPAL AIRPORT INDUSTRIAL TRACTS, 1797.28 FEET; THENCE S89°06'14"E 60.00 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE S89°06'14"E 238.00 FEET; THENCE S00°32'50"W 238.00 FEET; THENCE N89°06'14"W 238.00 FEET; THENCE N00°32'50"E 238.00 FEET TO THE POINT OF BEGINNING, CONTAINING 1.300 ACRES.

ADDITIONAL TRACT

PART OF THE WEST 1/4 OF THE SW 1/4 OF SECTION 35, TOWNSHIP 19 NORTH, RANGE 1 EAST, RANDOLPH COUNTY, ARKANSAS, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

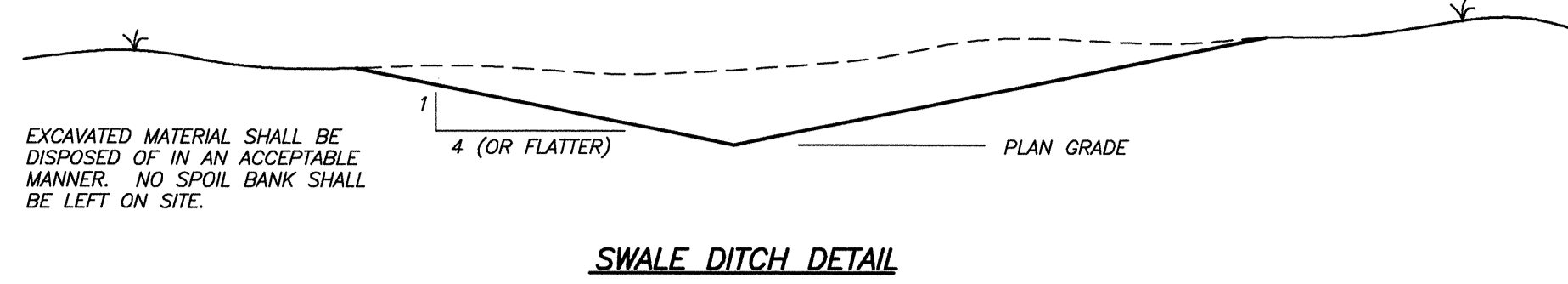
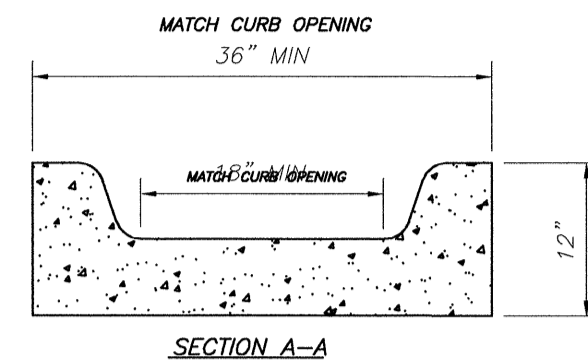
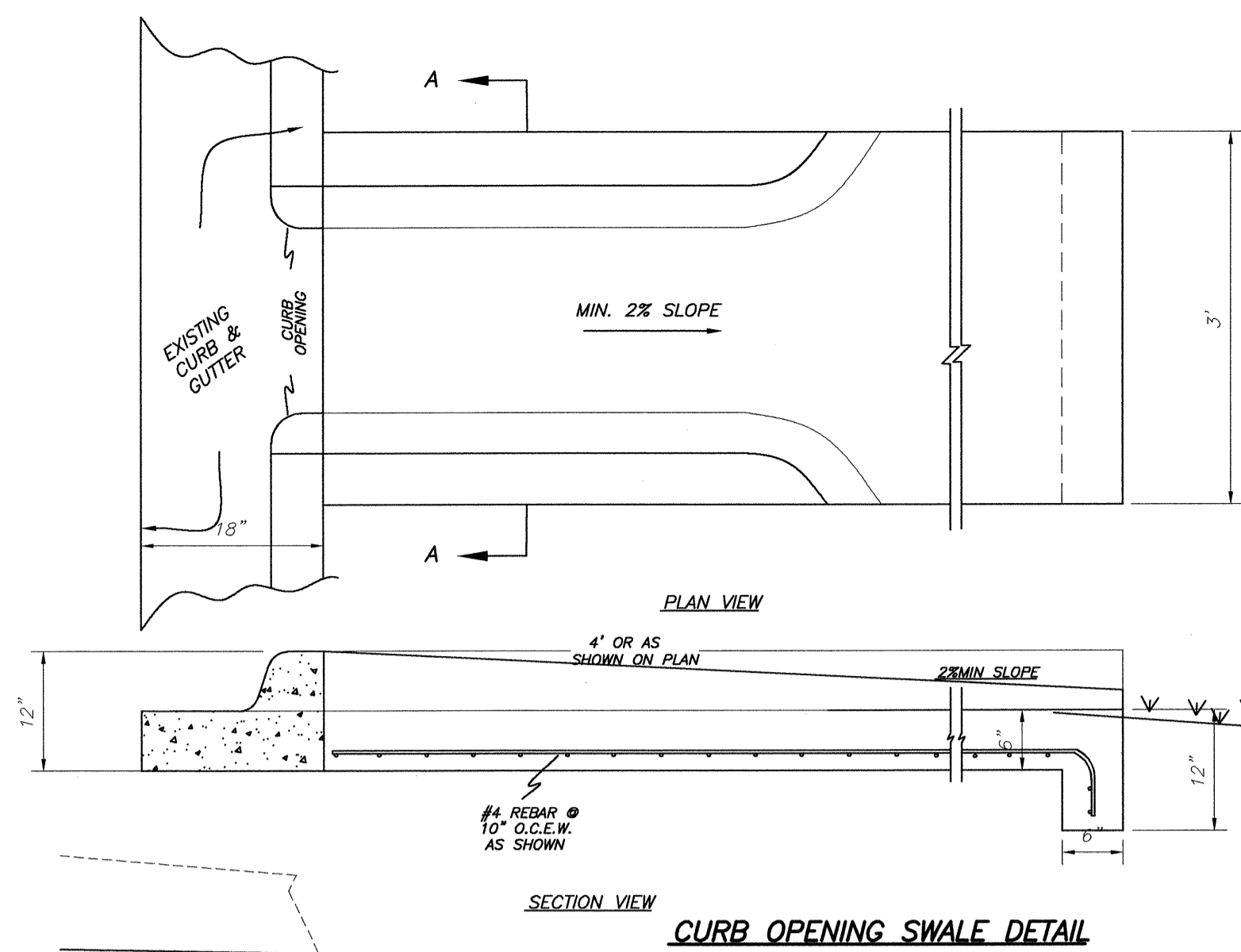
COMMENCING AT THE SOUTHWEST CORNER OF SAID WEST 1/4 SW 1/4; THENCE N00°32'50"E ALONG THE EAST LINES OF TRACTS 10, 11, 12, 13, 14, 15 AND 16 OF THE CITY OF POCAHONTAS, MUNICIPAL AIRPORT INDUSTRIAL TRACTS, 1797.28 FEET; THENCE S89°06'14"E 298.00 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE S89°06'14"E ALONG THE SOUTH RIGHT OF WAY LINE OF PATRICK DRIVE, 238.00 FEET; THENCE S00°32'50"W 266.00 FEET; THENCE N89°06'14"W 476.00 FEET; THENCE N00°32'50"E 28.00 FEET; THENCE S89°06'14"E 238.00 FEET; THENCE N00°32'50"E 238.00 FEET TO THE POINT OF BEGINNING, CONTAINING 1.606 ACRES.

ENTIRE TRACT

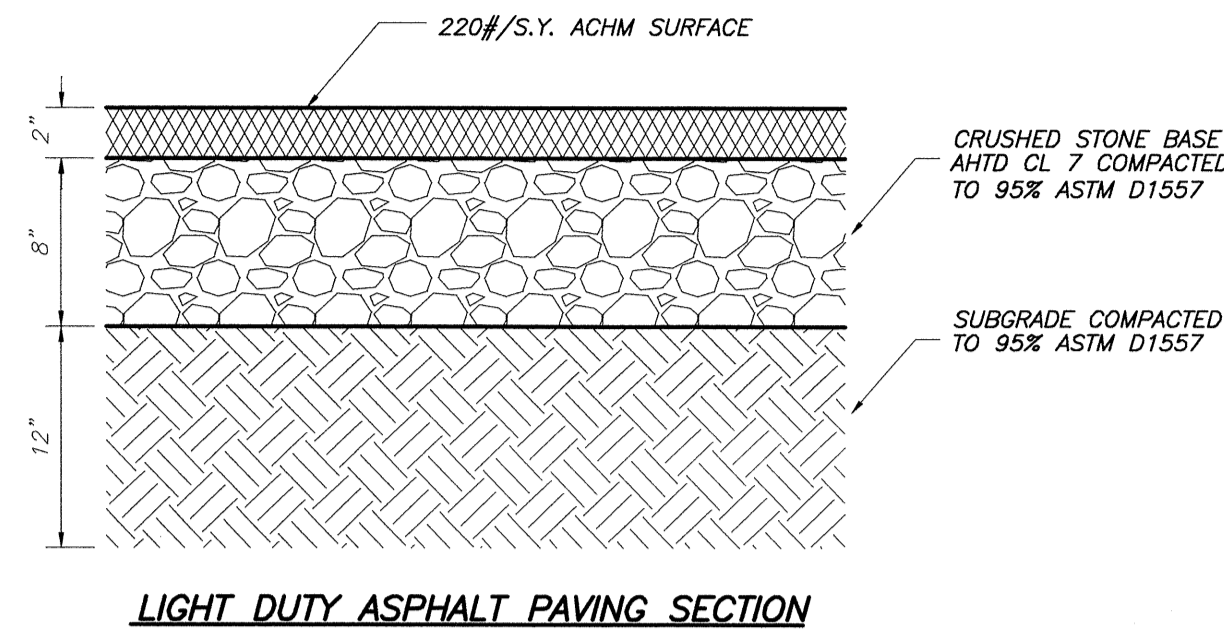
PART OF THE WEST 1/4 OF THE SW 1/4 OF SECTION 35, TOWNSHIP 19 NORTH, RANGE 1 EAST, RANDOLPH COUNTY, ARKANSAS, MORE PARTICULARLY DESCRIBED AS FOLLOWS:

COMMENCING AT THE SOUTHWEST CORNER OF SAID WEST 1/4 SW 1/4; THENCE N00°32'50"E ALONG THE EAST LINES OF TRACTS 10, 11, 12, 13, 14, 15 AND 16 OF THE CITY OF POCAHONTAS, MUNICIPAL AIRPORT INDUSTRIAL TRACTS, 1797.28 FEET; THENCE S89°06'14"E 60.00 FEET TO THE POINT OF BEGINNING; THENCE CONTINUE S89°06'14"E ALONG THE SOUTH RIGHT OF WAY LINE OF PATRICK DRIVE, 476.00 FEET; THENCE S00°32'50"W 266.00 FEET; THENCE N89°06'14"W 476.00 FEET; THENCE N00°32'50"E 266.00 FEET TO THE POINT OF BEGINNING, CONTAINING 2.906 ACRES.

100 East Huntington Ave., Suite D, P.O. Box 1655, Pocahontas, Arkansas 72450
Tel: 870-932-0571 Fax: 870-932-0973 www.brackettkrennerich.com

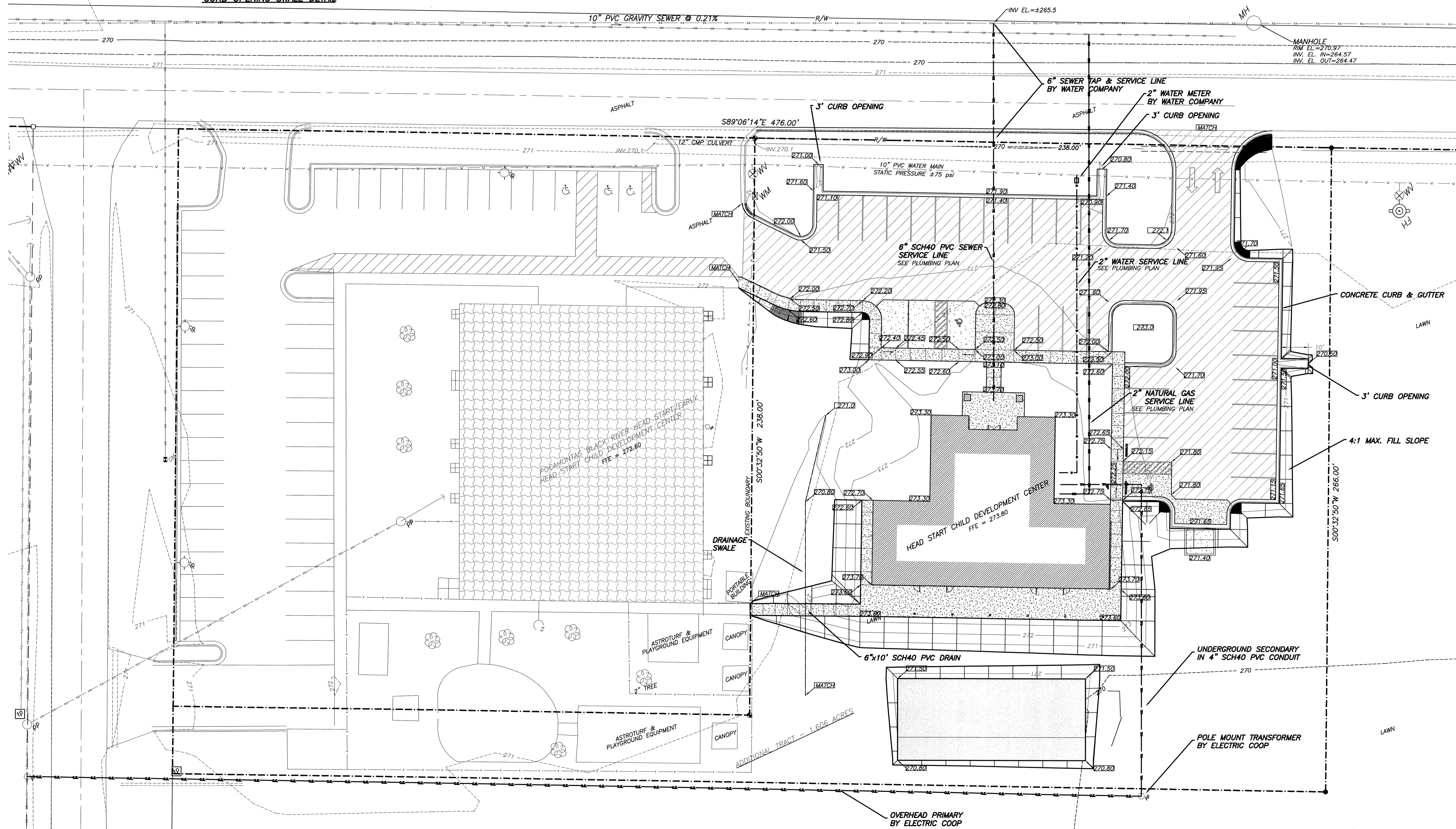
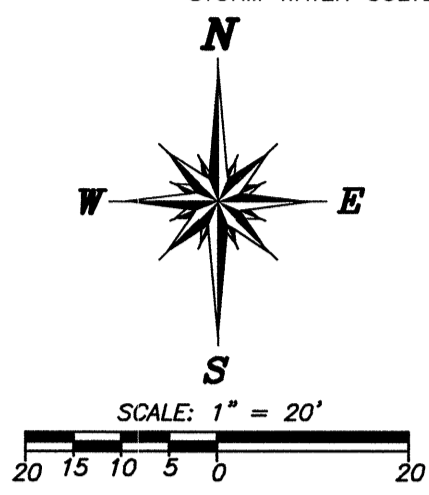


EARTHWORK NOTES:
 1. ALL AREAS TO BE CUT OR FILLED SHALL BE STRIPPED TO A DEPTH OF 4-6" TO REMOVE VEGETATION AND TOP SOIL. STRIPPED MATERIAL SHALL BE STOCKPILED AND PLACED ON THE COMPLETED SLOPES.
 2. EMBANKMENT SHALL BE PLACED IN LIFTS NOT EXCEEDING 8" AND SHALL BE COMPACTED TO 95% OF MODIFIED PROCTOR DENSITY.



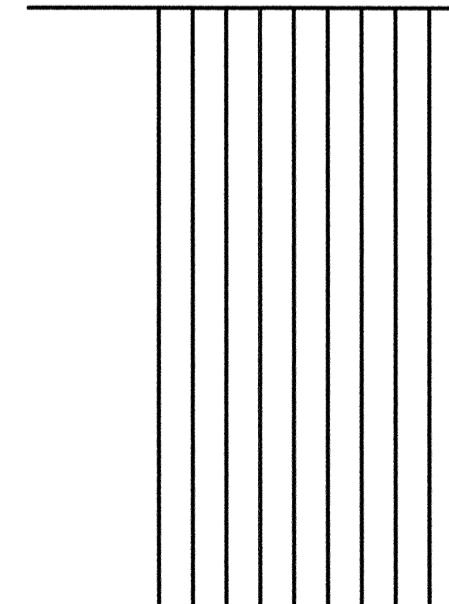
LEGEND

WATER METER	OVERHEAD ELECTRIC
FIRE HYDRANT	UNDERGROUND ELECTRIC
FIRE PROTECTION LINE	AIR CONDITIONER
WATER MAIN	TREE OR SHRUB
WATER VALVE	CONCRETE CURB
SEWER MANHOLE	NATURAL GAS MAIN
SEWER CLEAN OUT	GAS METER
SEWER MAIN	SPOT ELEVATION
TELEPHONE PEDESTAL	EXISTING CONTOUR (1' INTERVAL)
UTILITY POLE	PROPERTY BOUNDARY
GUY ANCHOR	FOUND MONUMENT
LIGHT POLE	SET 1/2" IRON PIN
TELECOMMUNICATIONS LINE	PROPOSED SEWER LINE
STORM WATER CULVERT	PROPOSED WATER SERVICE
	PROPOSED O.H. ELECTRIC
	PROPOSED UNDERGROUND ELECTRIC
	PROPOSED UNDERGROUND ELECTRIC
	PROPOSED NATURAL GAS SERVICE
	PROPOSED FINISHED GRADE ELEVATION
	PROPOSED CONCRETE CURB
	PROPOSED CONTOUR (1' INTERVAL)
	PROPERTY BOUNDARY
	PROPOSED LIGHT DUTY ASPHALT
	PROPOSED CONCRETE SURFACE

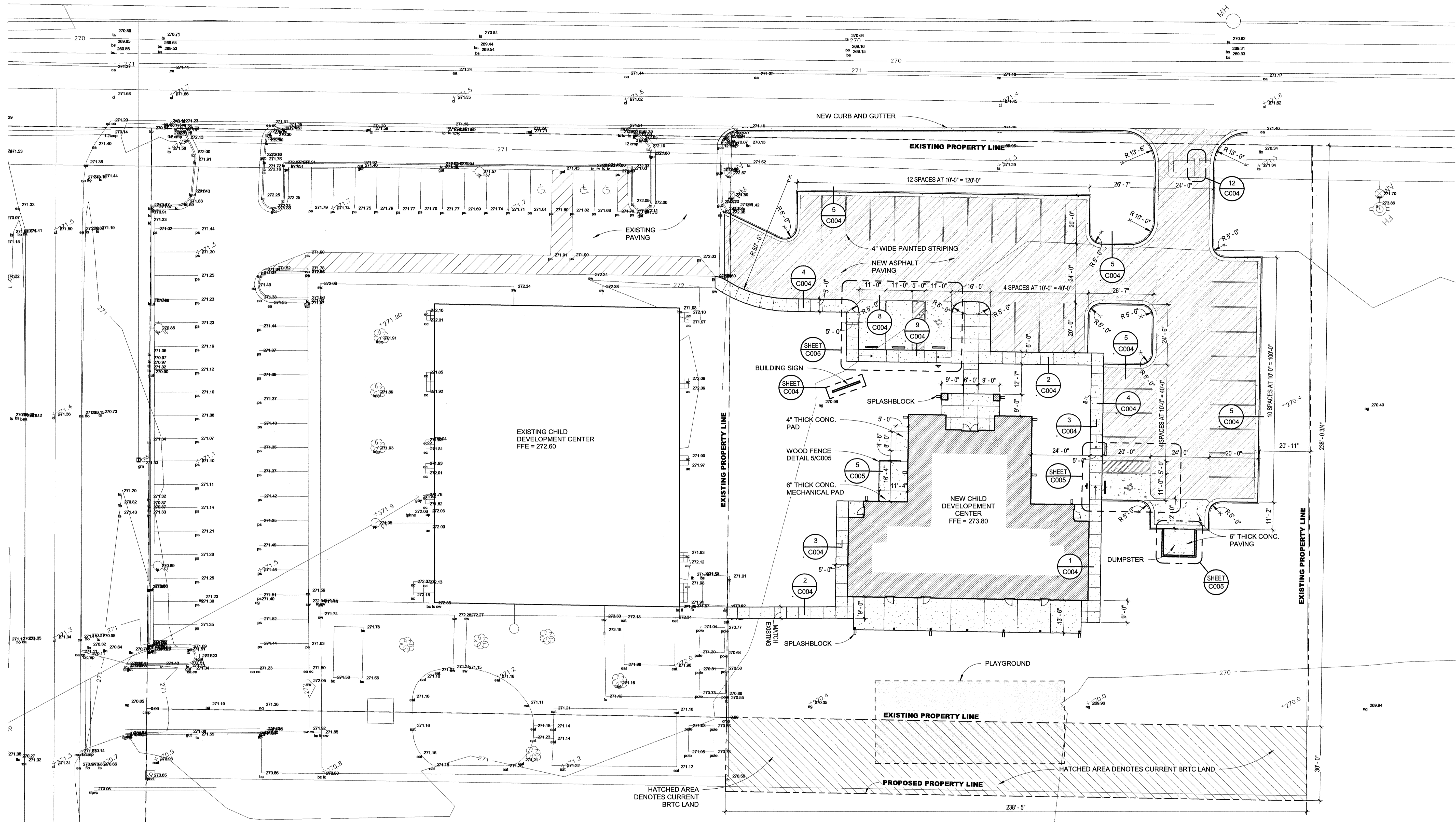


EARLY HEAD START FACILITY
CITY OF POCAHONTAS
 Pocahontas, Arkansas

**BRACKETT
 KRENNERICH**
 architects



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C002
 Date: July 12, 2019



n overall site plan
SCALE: 1" = 20'-0"

- GENERAL SITE PLAN NOTES**
- CONTRACTOR SHALL ASSUME THAT THE POTENTIAL UNDERCUTTING AND FILL REQUIRED UNDER THE FOOTPRINT OF THE BUILDING AND PAVED AREA IS TO BE 250 CUBIC YARDS TOTAL OF UNDERCUT AND FILL; THIS AMOUNT IS TO BE INCLUDED IN THE BASE BID.
 - CONTRACTOR SHALL PROVIDE A UNIT PRICE ON THE BID FORM FOR UNDERCUT AND FILL FOR ADDITIONAL OR DEDUCTIVE WORK AS REQUIRED BY SOILS ENGINEER AND APPROVED BY THE ARCHITECT/OWNER. ANY CHANGES IN QUANTITY MUST BE APPROVED BY THE ARCHITECT/OWNER PRIOR TO COMMENCEMENT.
 - THIS POTENTIAL UNDERCUTTING AND FILL IS AN AMOUNT ABOVE AND BEYOND EXCAVATION AND GRADING REQUIREMENTS ESTABLISHED BY THE CONTRACT DOCUMENTS.
 - PROVIDE GRASS SEED AT ALL AREAS DISTURBED BY CONSTRUCTION.

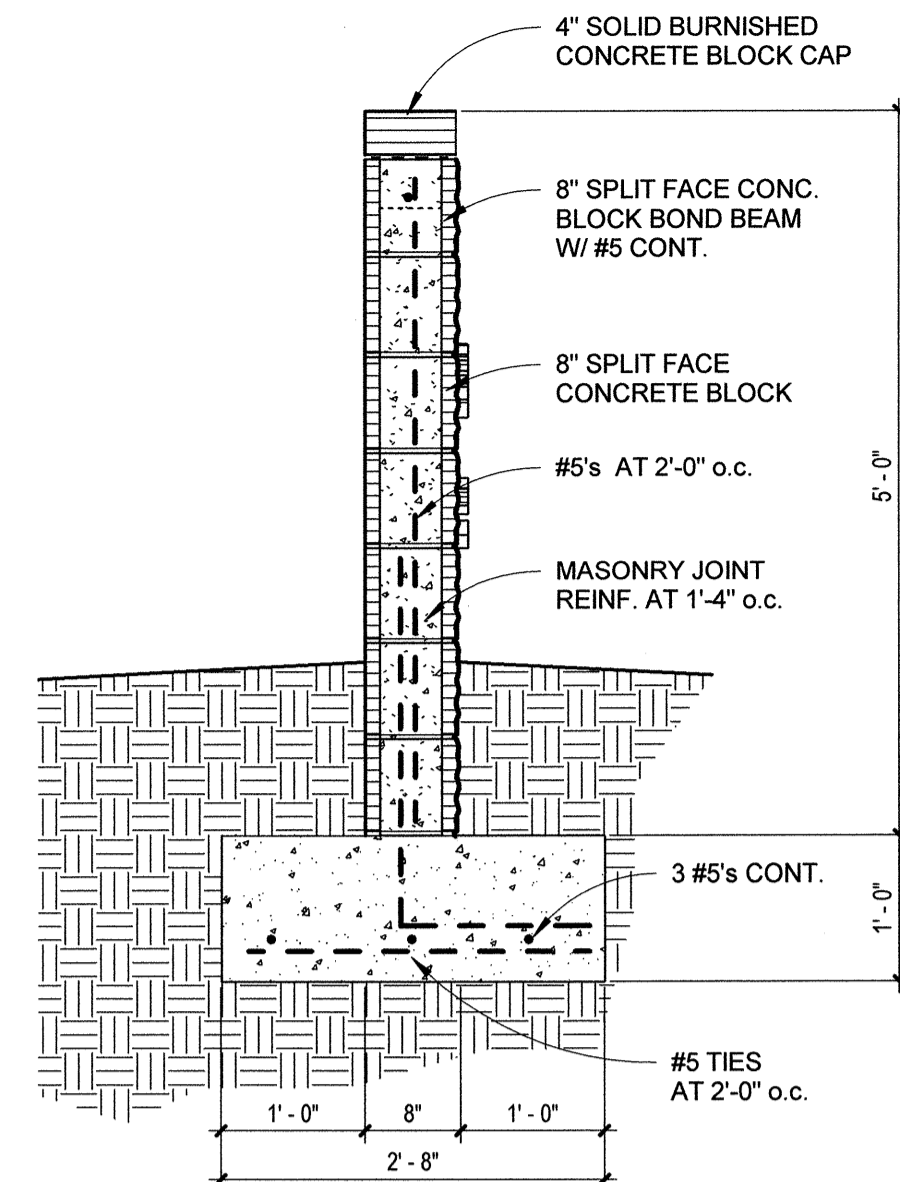
EARLY HEAD START FACILITY
CITY OF POCAHONTAS
Pocahontas, Arkansas

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KRENNERICH**
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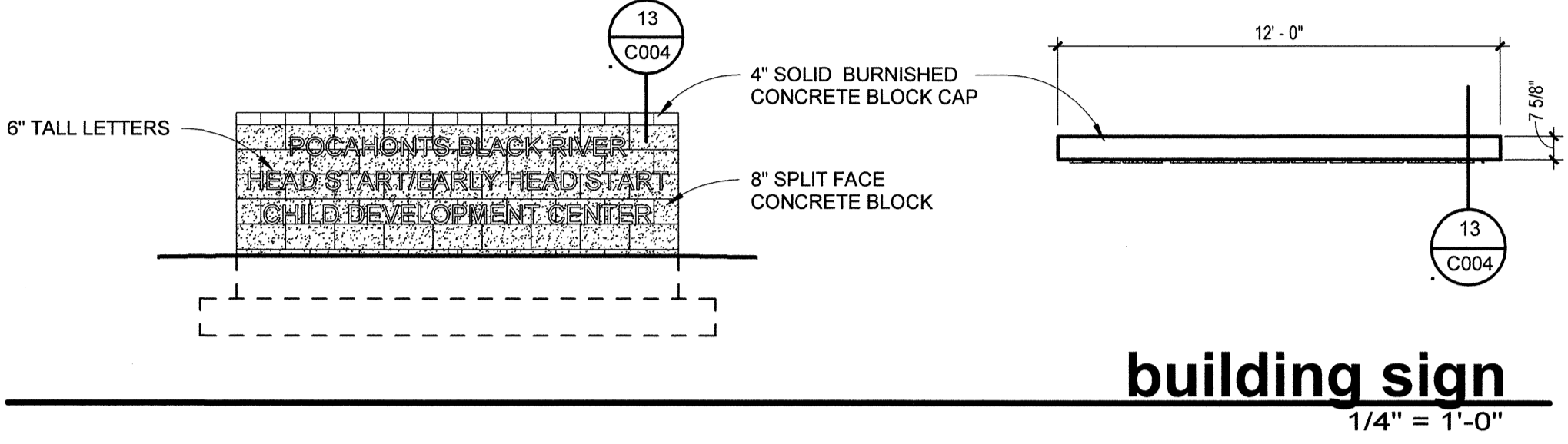
Revision Schedule	Issued By
Tab	Rev. Date
Rev. Description	Rev. Date



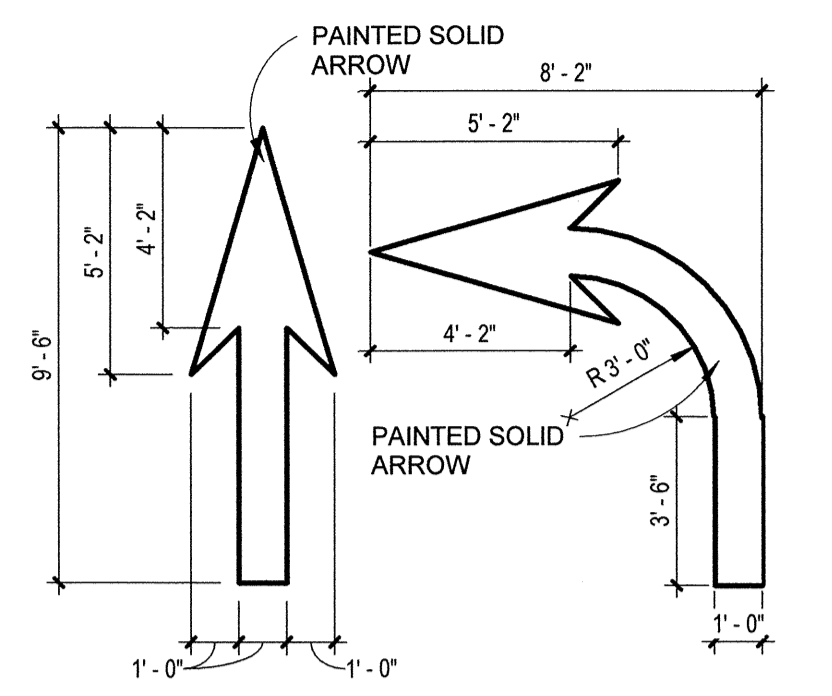
Commission Number
14617
C003
Date: August 16, 2019



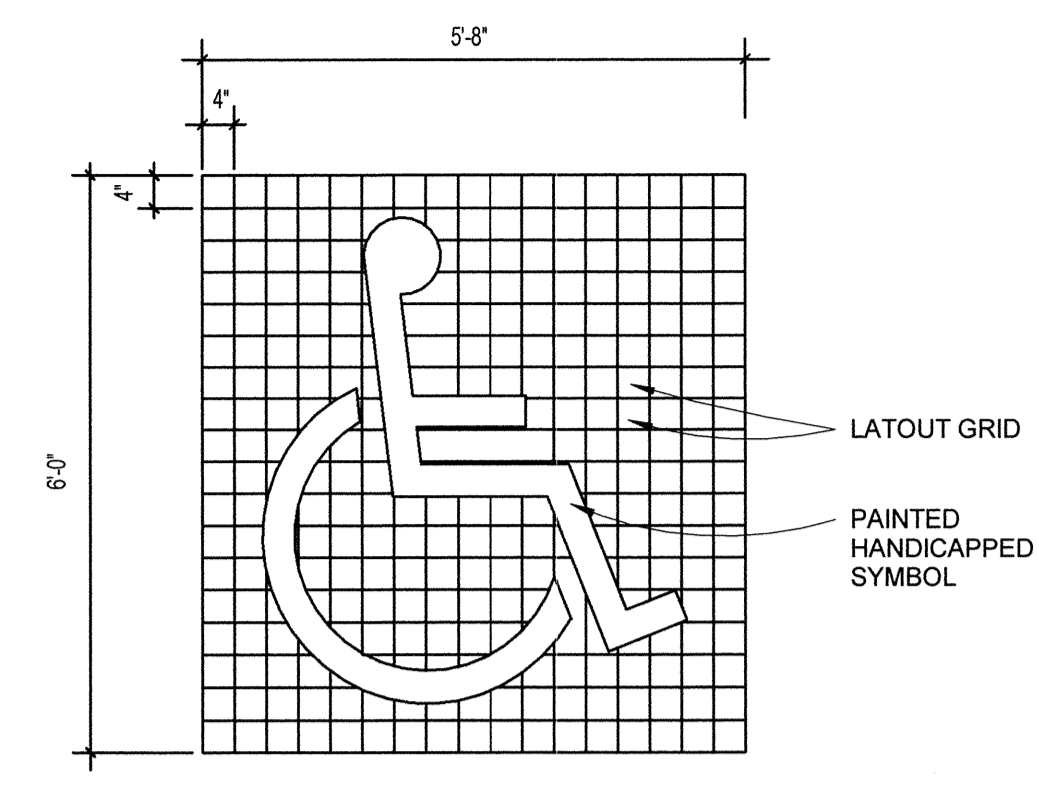
13 building sign section
SCALE: 3/4" = 1'-0"



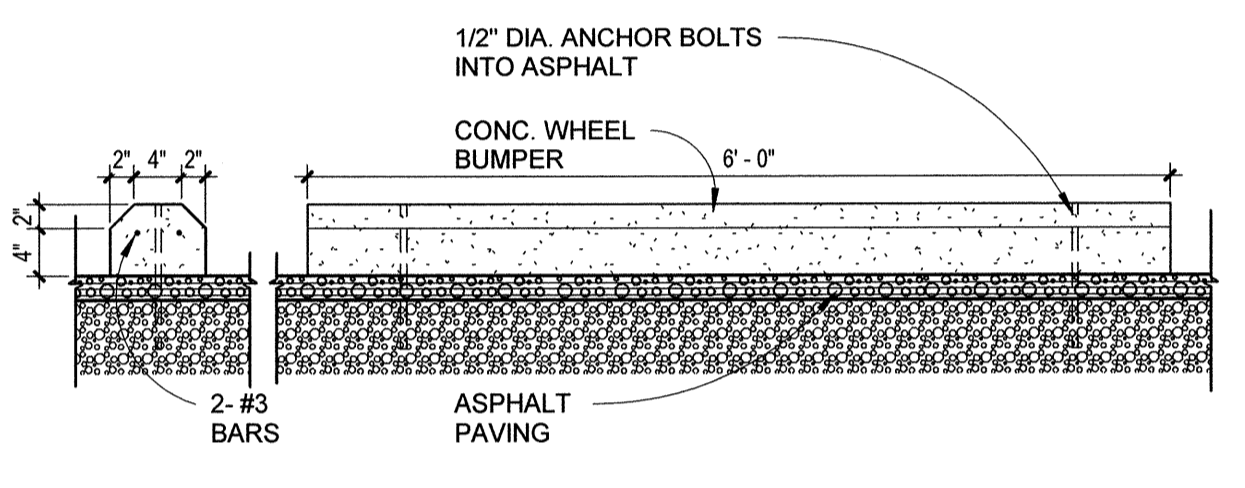
building sign
1/4" = 1'-0"



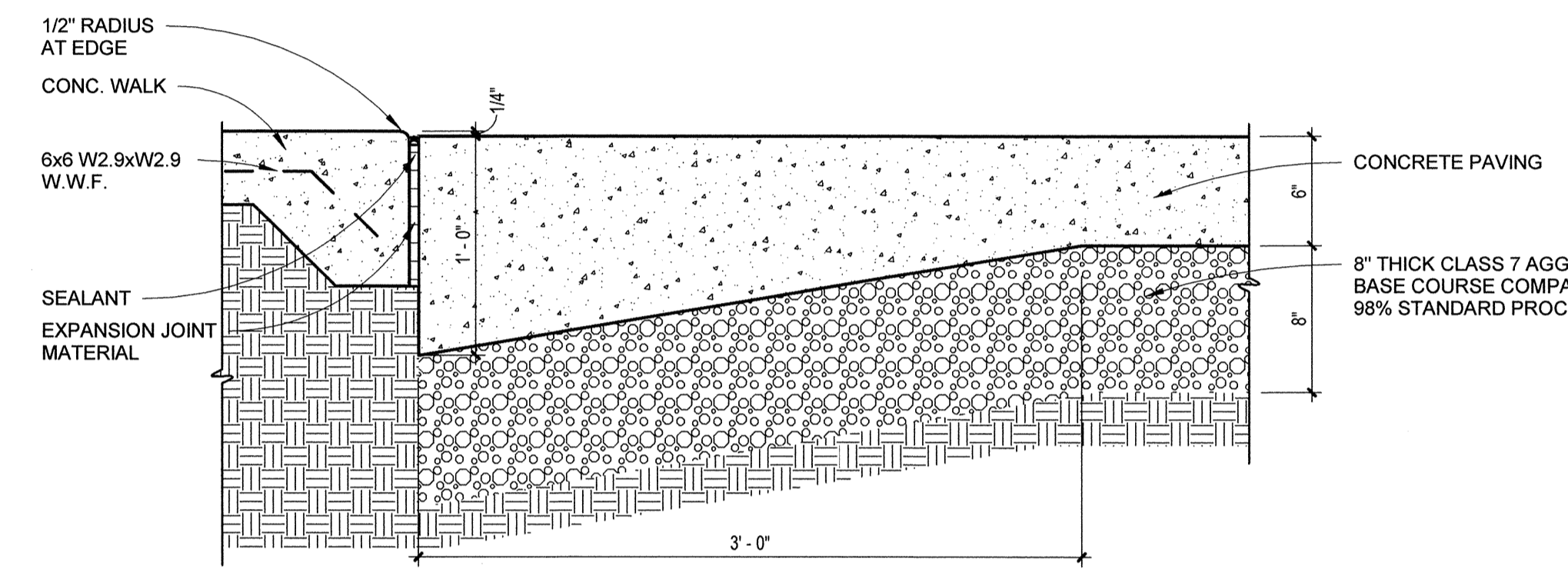
12 directional arrows detail
SCALE: 1/4" = 1'-0"



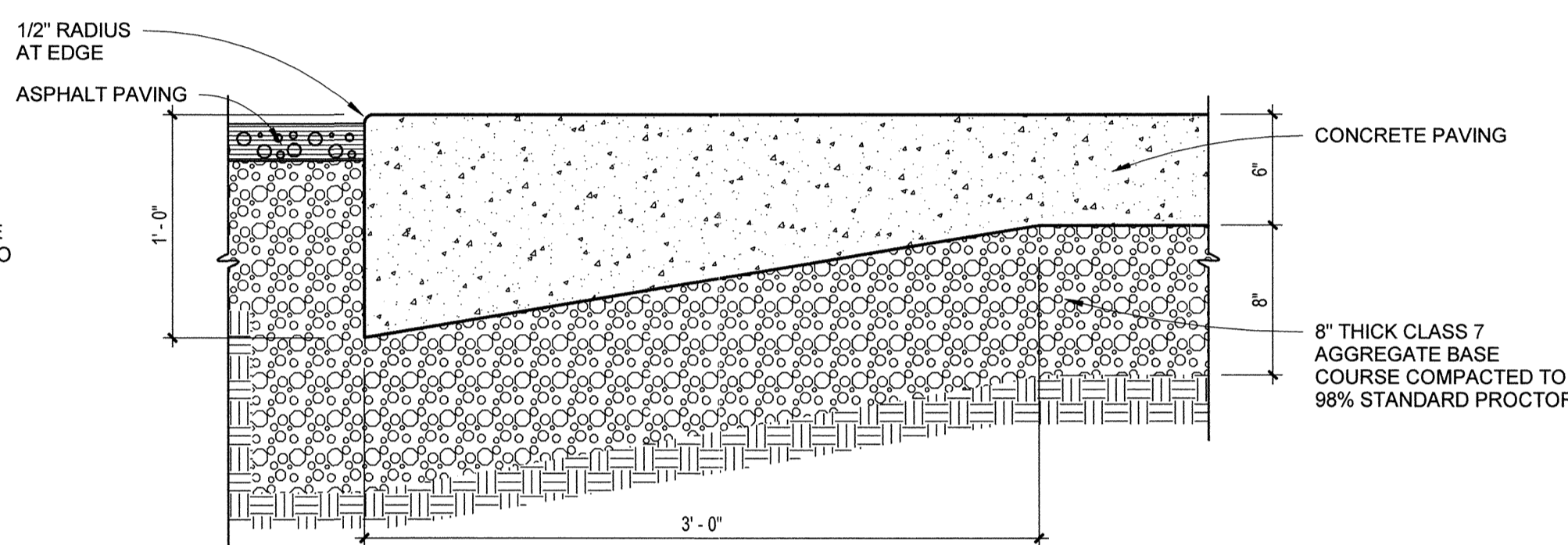
11 ada parking symbol
SCALE: 1 1/2" = 1'-0"



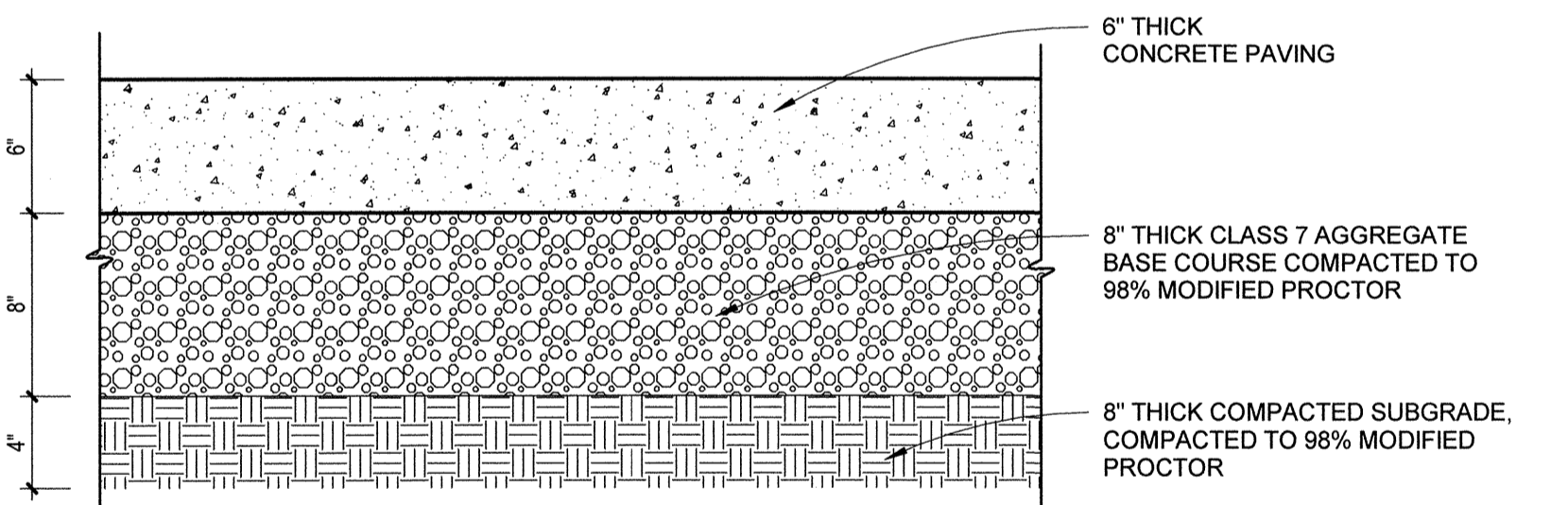
10 parking bumper detail
SCALE: 3/4" = 1'-0"



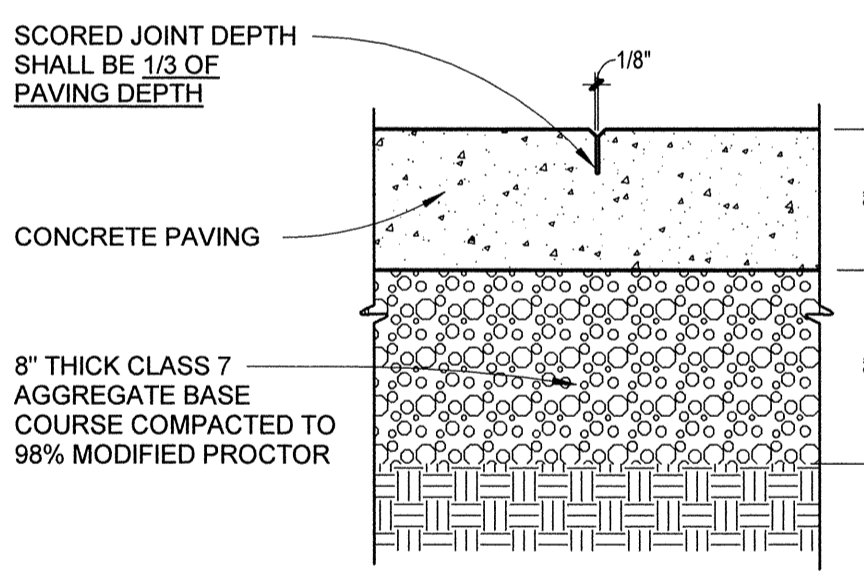
9 paving details
SCALE: 1 1/2" = 1'-0"



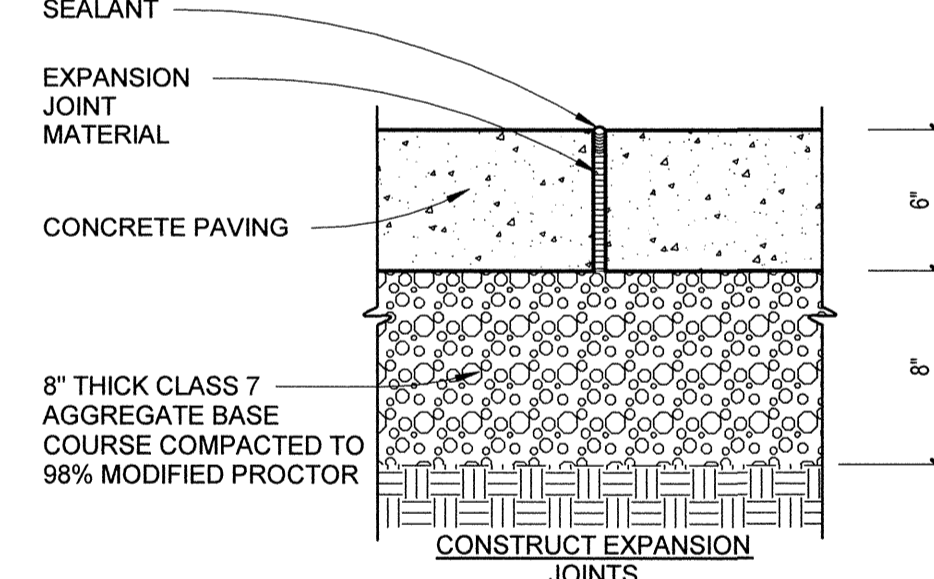
8 paving details
SCALE: 1 1/2" = 1'-0"



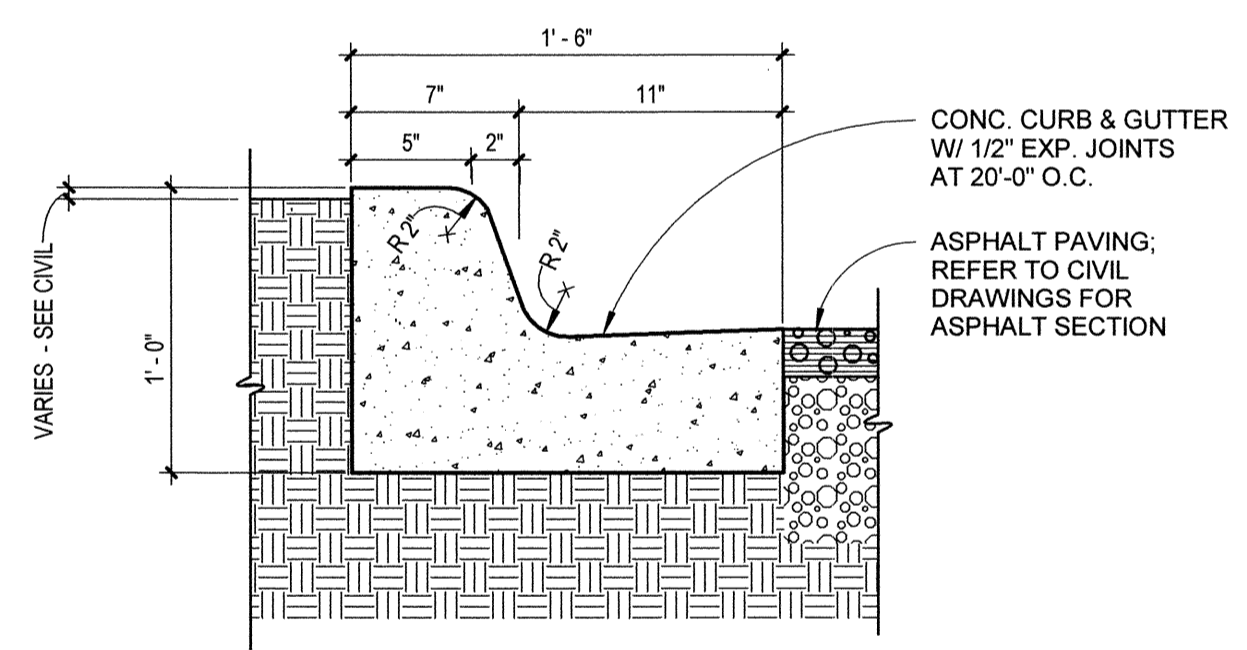
7 concrete paving detail
SCALE: 1 1/2" = 1'-0"



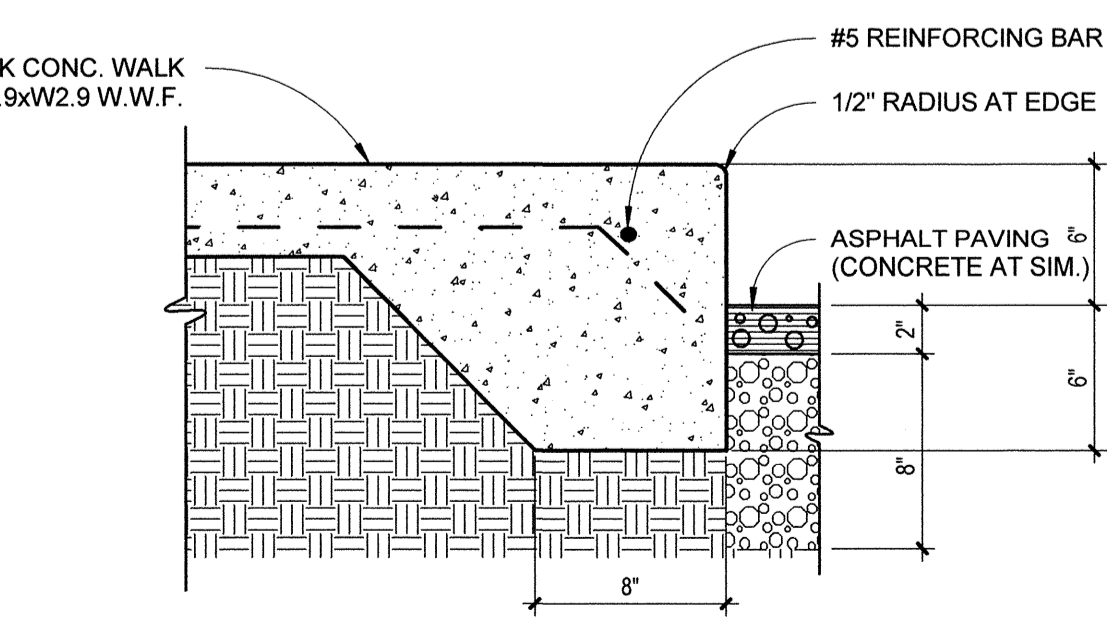
6 joint details
SCALE: 1 1/2" = 1'-0"



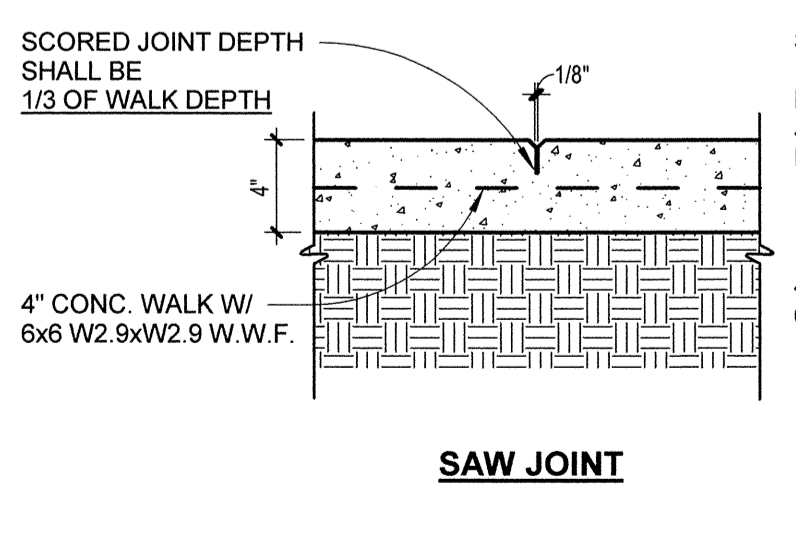
CONTROL JOINT



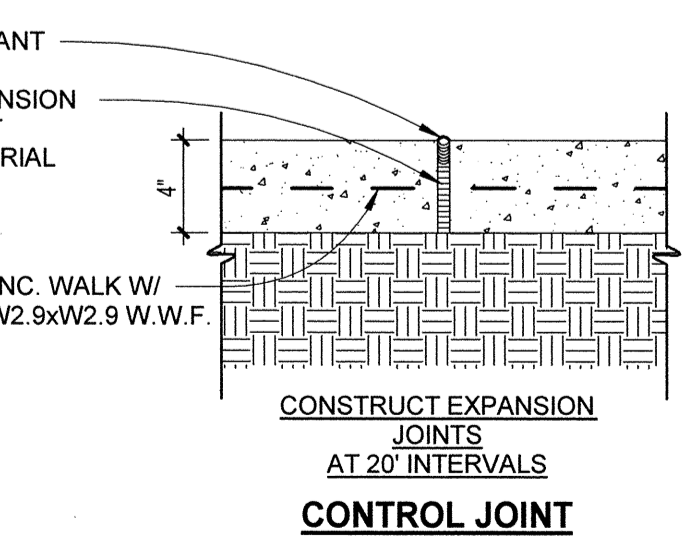
5 curb and gutter
SCALE: 1 1/2" = 1'-0"



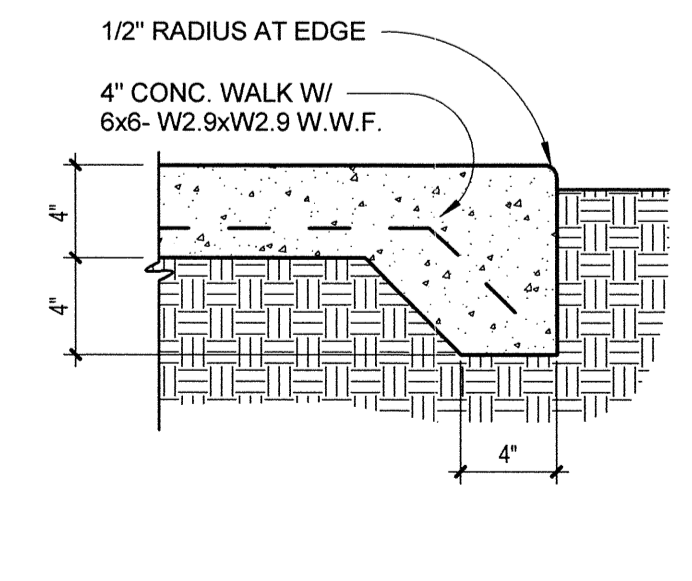
4 walk edge at asphalt
SCALE: 1 1/2" = 1'-0"



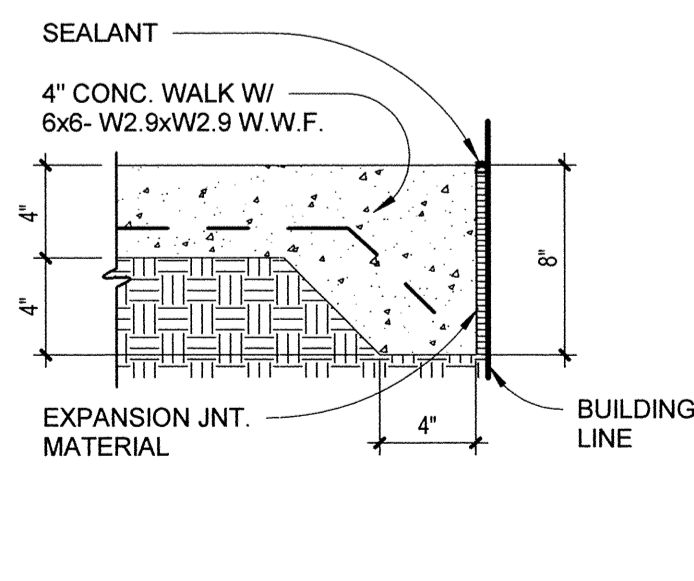
3 joint details
SCALE: 1 1/2" = 1'-0"



CONTROL JOINT



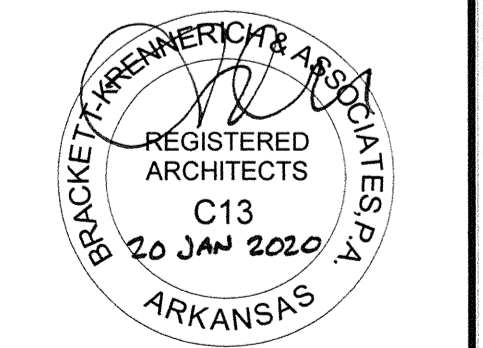
2 walk edge detail
SCALE: 1 1/2" = 1'-0"



1 edge of building
SCALE: 1 1/2" = 1'-0"

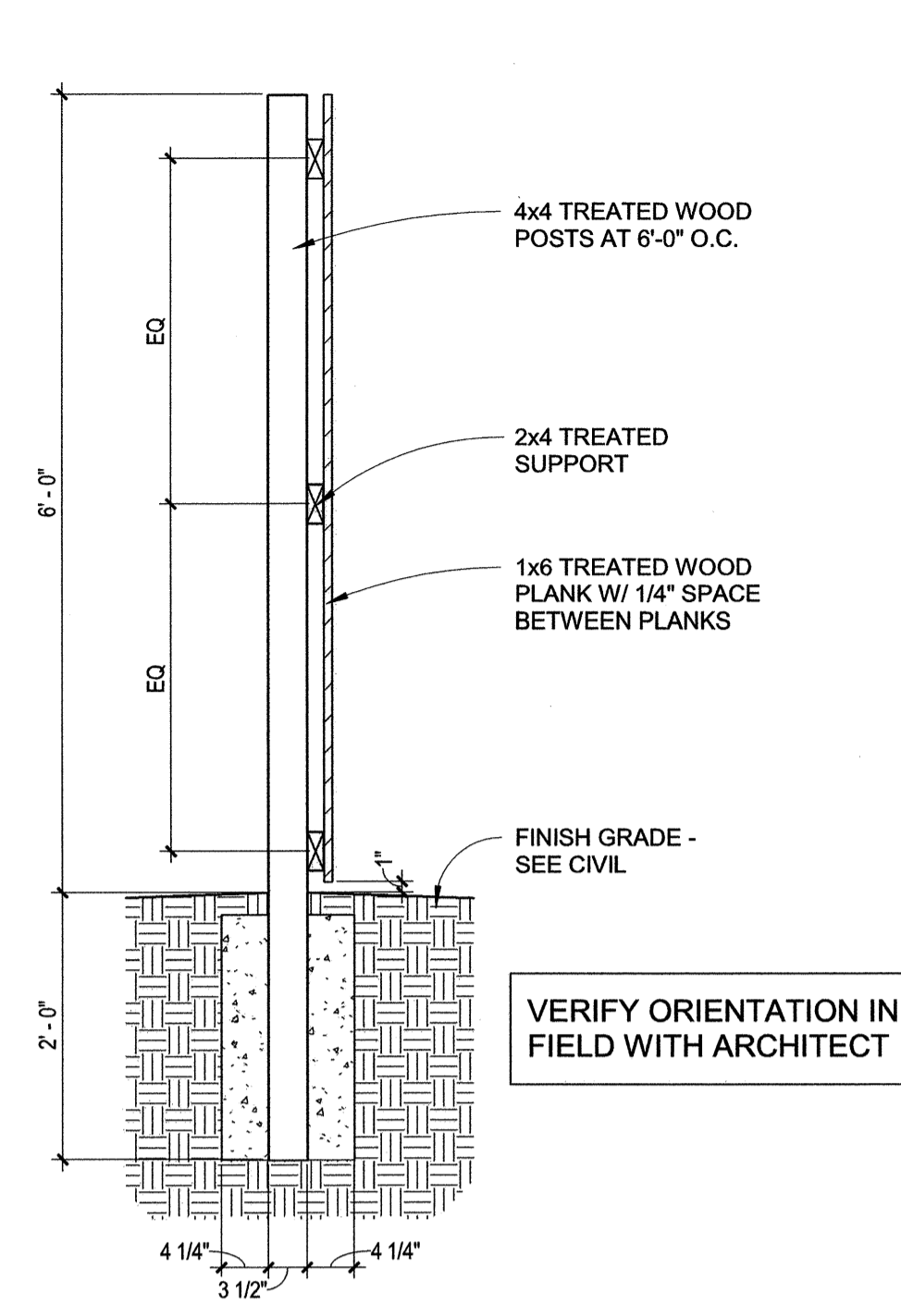
walk details
1 1/2" = 1'-0"

Revision Schedule	Issued by

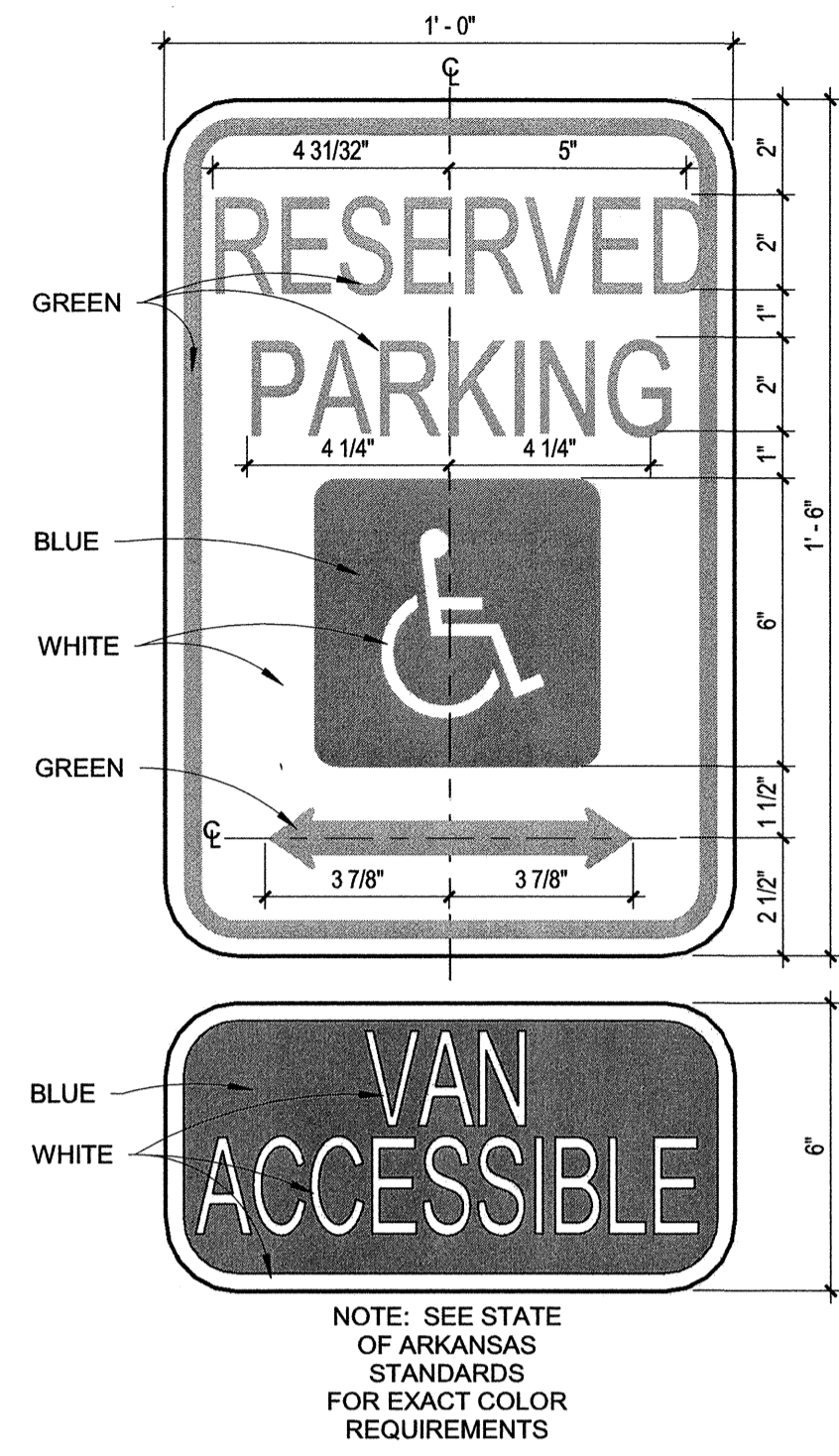


Commission Number
14617
C004
Date: August 16, 2019

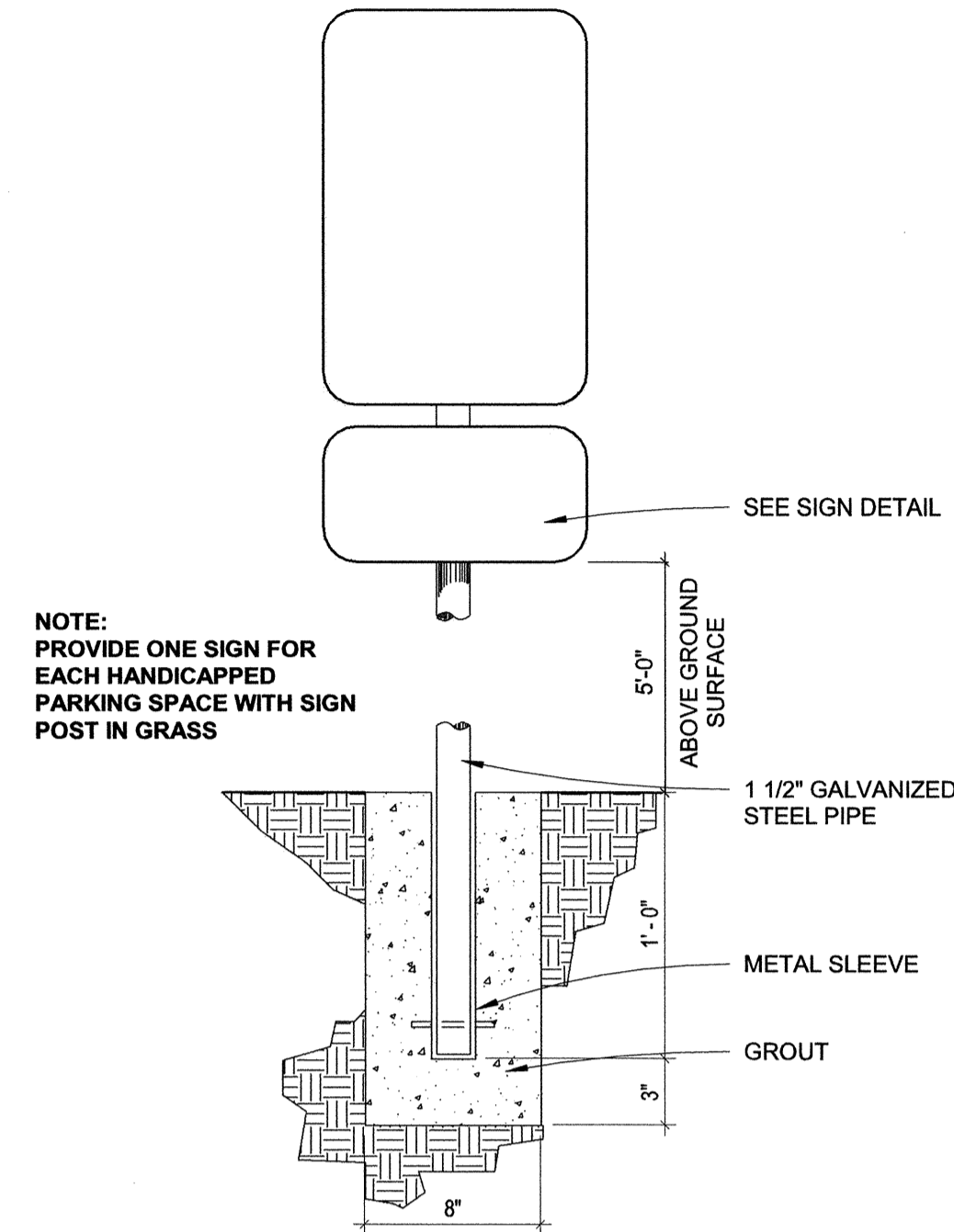
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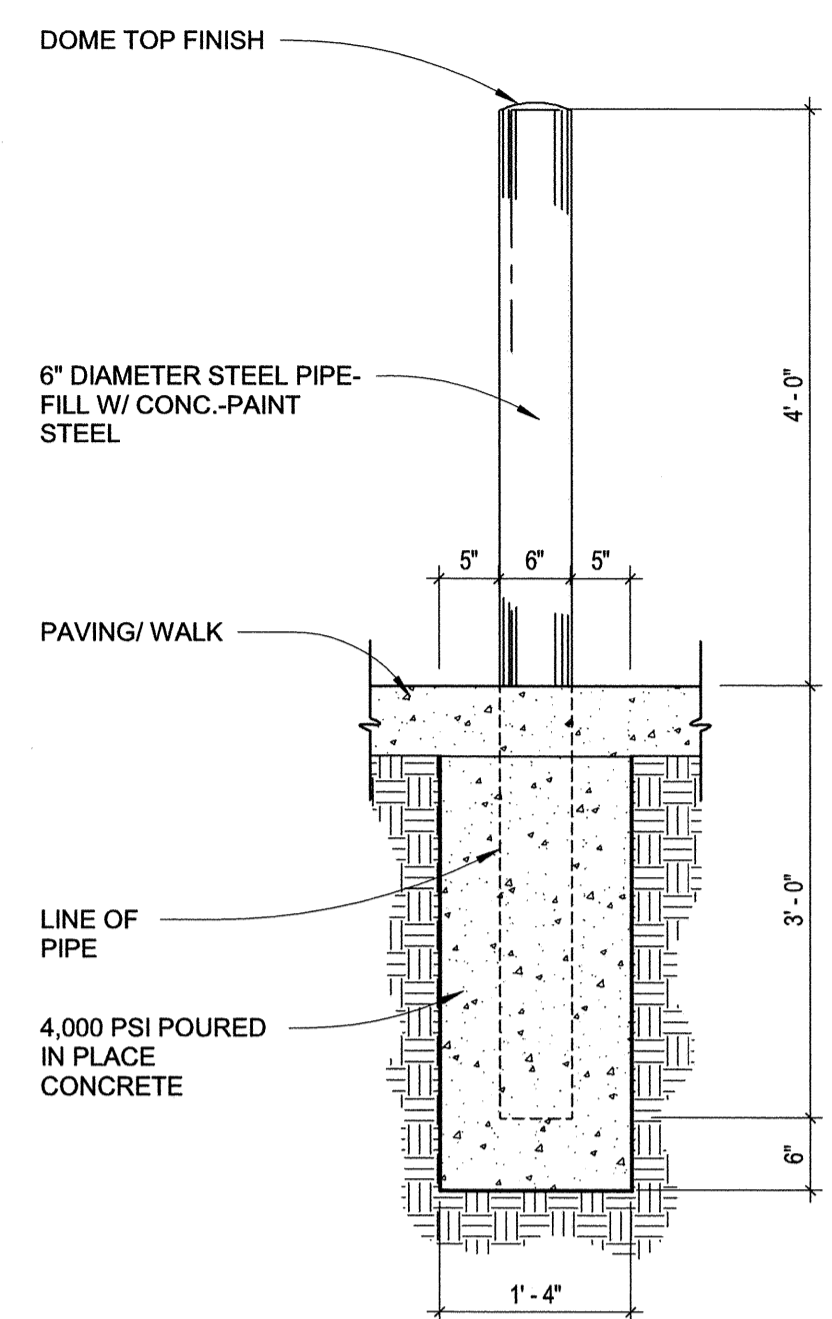
5 fence detail
SCALE: 3/4" = 1'-0"



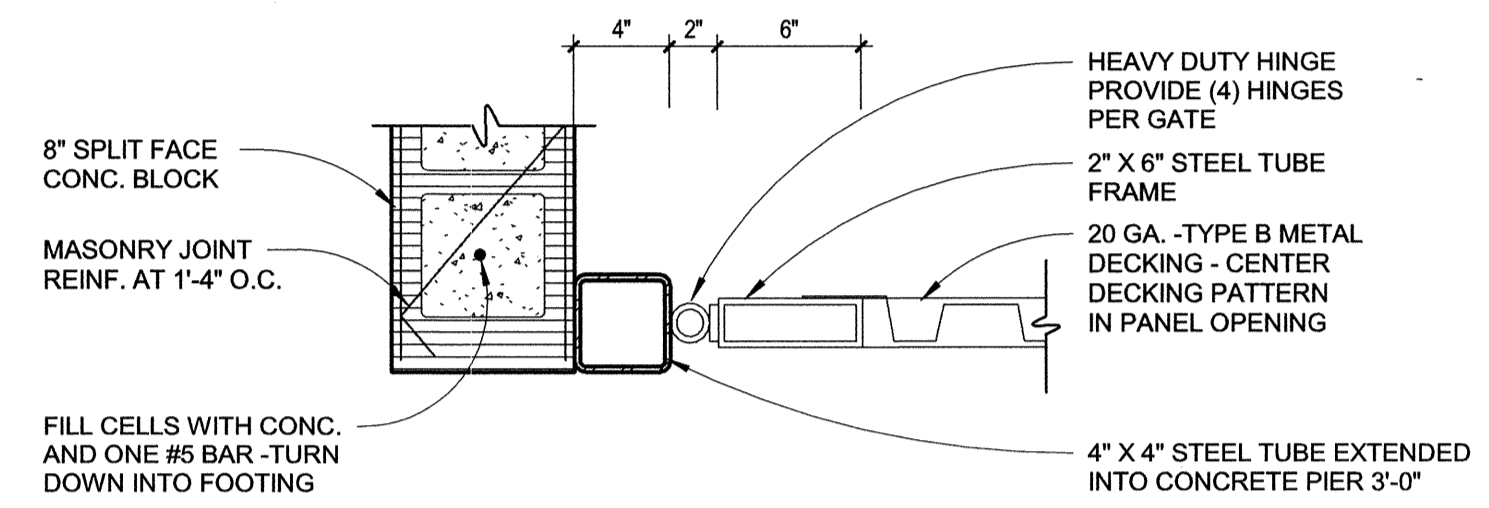
4 sign detail
SCALE: 3" = 1'-0"



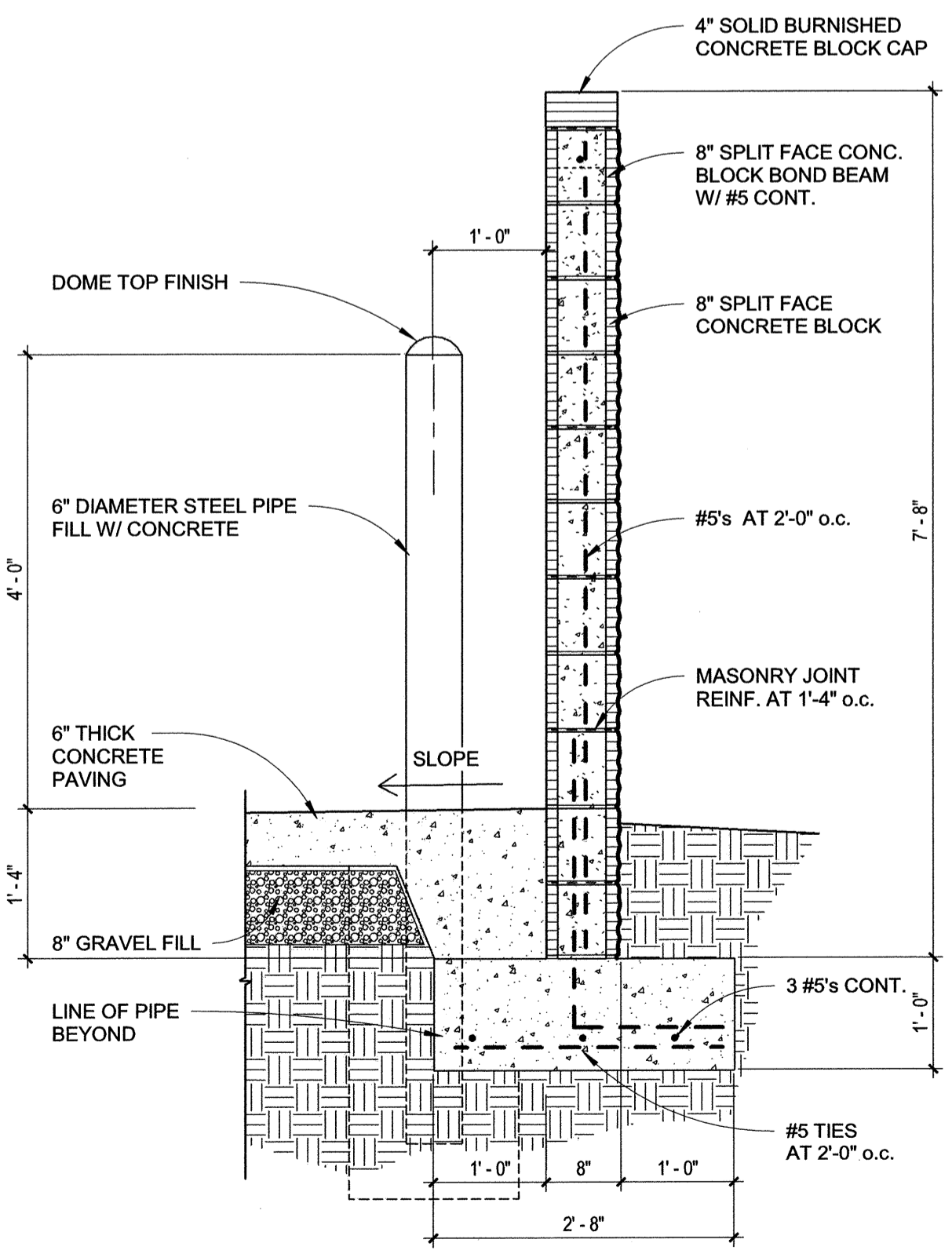
3 handicapped sign
SCALE: 1 1/2" = 1'-0"



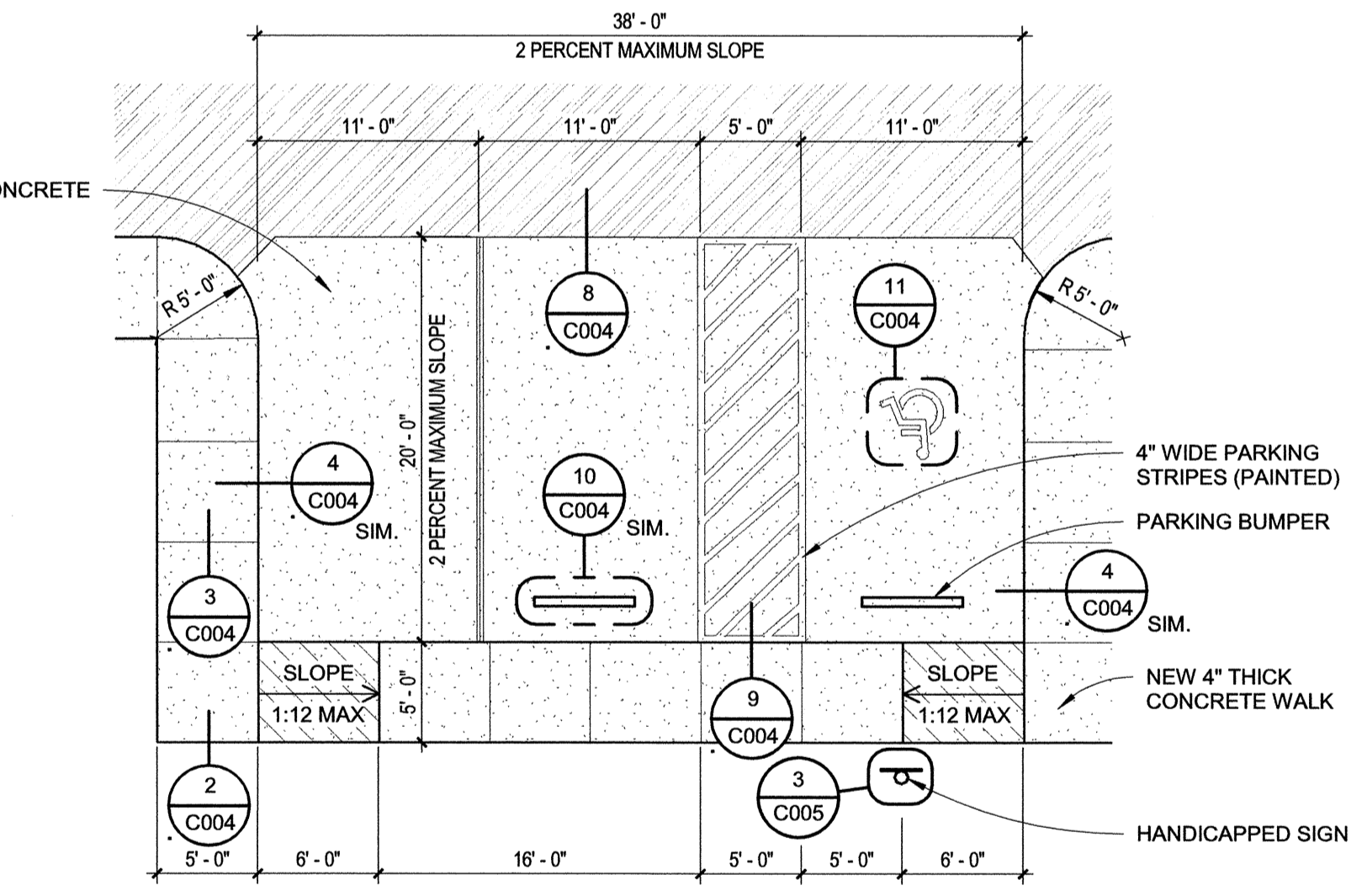
2 bollard detail
SCALE: 3/4" = 1'-0"



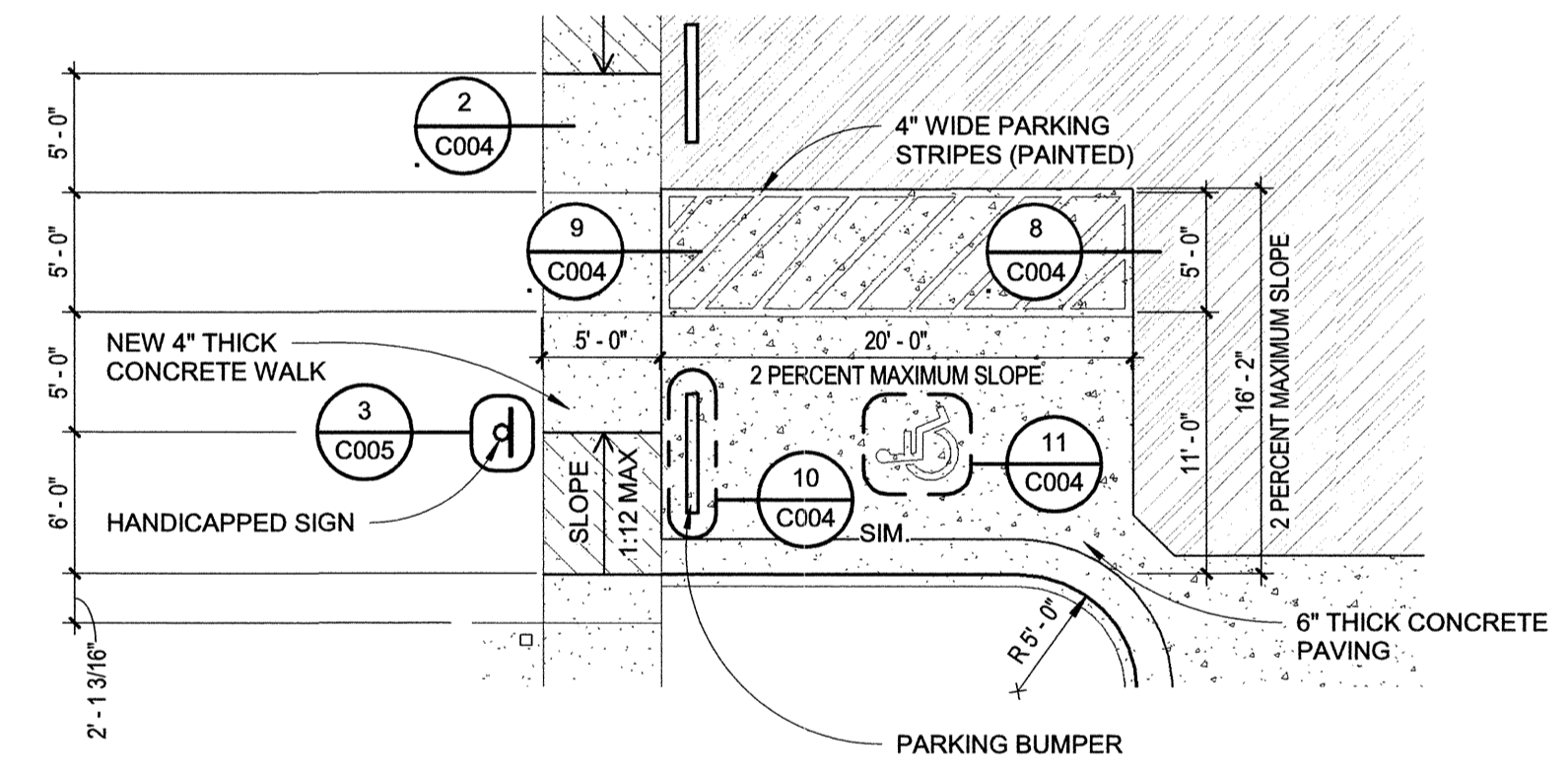
1 jamb at gate
SCALE: 1 1/2" = 1'-0"



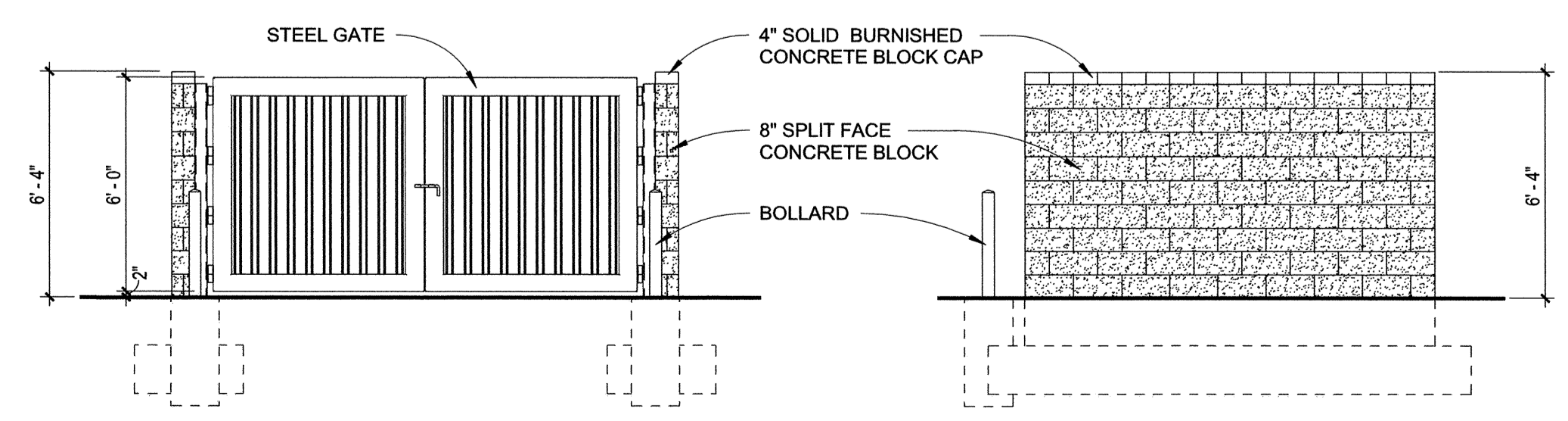
A dumpster screen wall section
SCALE: 3/4" = 1'-0"



ada parking spaces
SCALE: 1/8" = 1'-0"

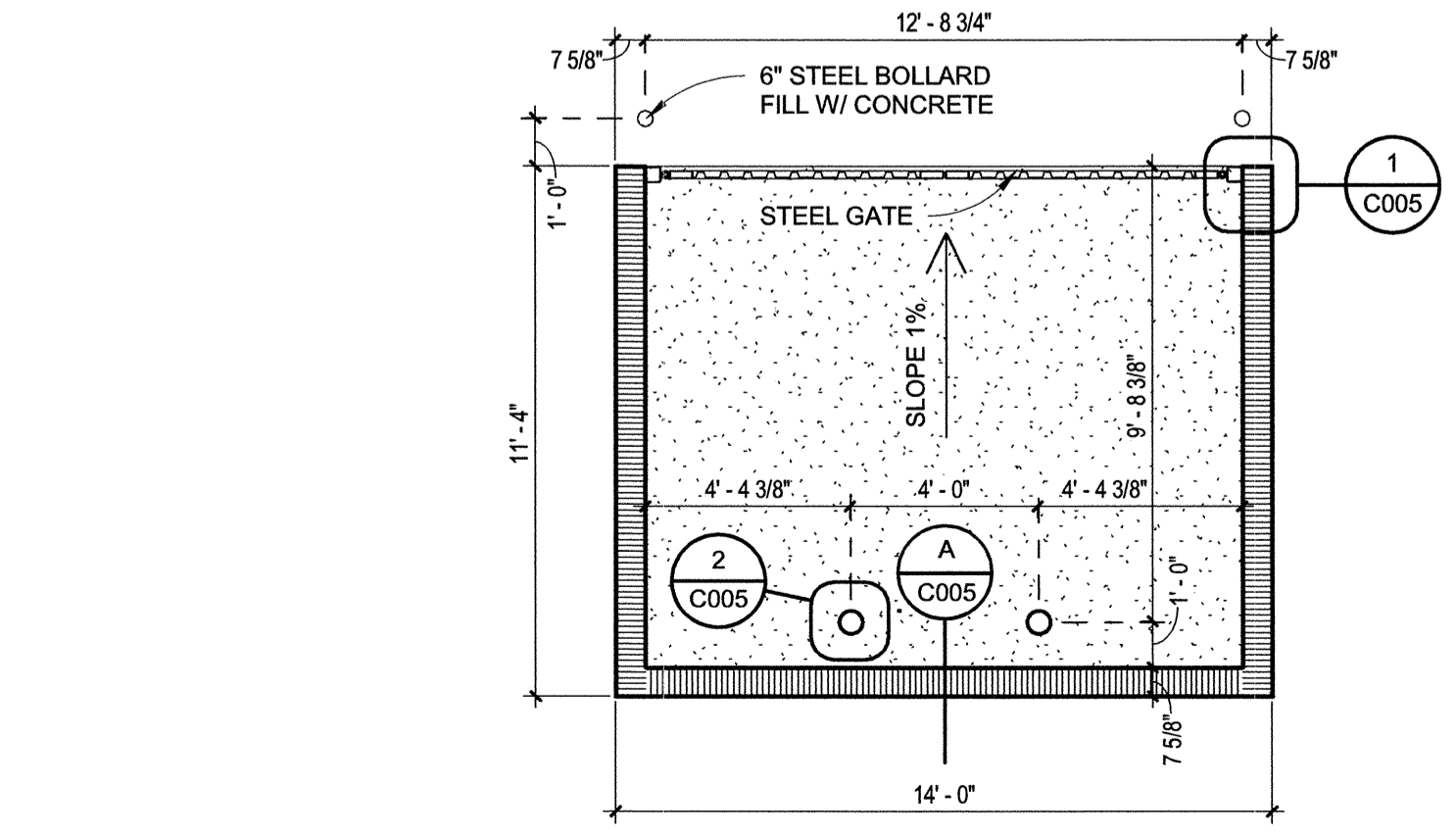


ada parking spaces
SCALE: 1/8" = 1'-0"



front elevation
1/4" = 1'-0"

side elevation
1/4" = 1'-0"

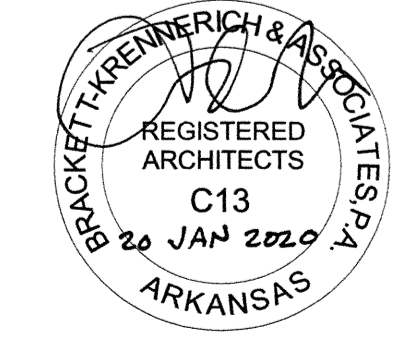


enlarged dumpster enclosure
SCALE: 1/4" = 1'-0"

EARLY HEAD START FACILITY
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Pocahontas, Arkansas

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Revision Schedule	Issued
Tab.	Rev. Date



Commission Number
14617

C005

Date: August 16, 2019

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www.bkarchis.com 870-932-0975 870-932-0571 100 East Huntington Ave. Suite D P.O. Box 1655 SITE DETAILS

ELECTRICAL SYMBOLS

	PENDANT LIGHT FIXTURE, CEILING MOUNT
	RECESSED DOWNLIGHT FIXTURE, CEILING MOUNT
	RECESSED WALL WASHER FIXTURE, CEILING MOUNT
	INCANDESCENT LIGHT FIXTURE, CEILING MOUNT
	INCANDESCENT LIGHT FIXTURE, WALL MOUNT
	FLUORESCENT LIGHT FIXTURE
	EXIT LIGHT, WALL MOUNT
	EXIT LIGHT, CEILING MOUNT
	EMERGENCY LIGHT, CEILING MOUNT
	EMERGENCY LIGHT, WALL MOUNT
	BELL
	SPEAKER
	ELECTRIC MOTOR
	THERMOSTAT
	TELEPHONE OUTLET
	DATA OUTLET
	TELEPHONE/DATA OUTLET
	SAFETY SWITCH
	SINGLE POLE SWITCH
	THREE-WAY SWITCH
	FOUR WAY SWITCH
	CHIME, WIRELESS ENTRY ALERT SYSTEM
	DUPLEX RECEPTACLE OUTLET, MFG. HT.
	GFCI DUPLEX RECEPTACLE OUTLET, MFG. HT.
	DUPLEX RECEPTACLE OUTLET, 44" A.F.F.
	GFCI DUPLEX RECEPTACLE OUTLET, 44" A.F.F.
	GFCI DUPLEX RECEPTACLE, WATER PROOF
	DUPLEX RECEPTACLE, SURFACE MOUNT
	QUADREX RECEPTACLE, FLOOR MOUNT
	DUPLEX RECEPTACLE, FLOOR MOUNT
	DUPLEX RECEPTACLE, CEILING MOUNT
	DUPLEX RECEPTACLE OUTLET WITH ISOLATED & INSULATED GROUND
	QUADRUPLEX RECEPTACLE
	QUADRUPLEX RECEPTACLE OUTLET WITH ISOLATED & INSULATED GROUND
	SIMPLEX RECEPTACLE
	SPECIAL PURPOSE RECEPTACLE OUTLET
	TELEPHONE/DATA OUTLET, FLOOR MOUNT
	CABLE TELEVISION OUTLET
	CIRCUIT BREAKER PANEL BOX
	METER
	CONCEALED CABLE OR CONDUIT WITH CONDUCTORS. CROSSMARKS DENOTE NUMBER OF CONDUCTORS. DASHED LINE REPRESENTS CONCEALED BELOW FINISHED FLOOR OR GRADE. SOLID LINE REPRESENTS CONCEALED ABOVE FINISHED FLOOR OR GRADE. SHORT CROSSMARKS REPRESENT INSULATED PHASE CONDUCTORS. LONG CROSSMARKS REPRESENT INSULATED NEUTRAL CONDUCTORS. LONG CROSSMARKS WITH A DOT REPRESENT EQUIPMENT GROUND CONDUCTORS. UNLESS OTHERWISE NOTED, CABLE OR CONDUIT INCLUDES (1) PHASE, (1) NEUTRAL, AND (1) GROUND CONDUCTOR.
	WIRING HOME RUN NO. WITH CIRCUIT NO. NOTED
	GFCI GROUND FAULT CIRCUIT INTERRUPTER
	A.F.F. ABOVE FINISHED FLOOR
	A.F.R. ABOVE FINISHED ROOF

	SEE ELECTRICAL SYMBOL NOTE 1
	CIRCUIT NUMBER PANEL (A,B,C,ETC.)
	FIXTURE TYPE (A,B,C,ETC.)
	SWITCHING CIRCUIT (a,b,c,ETC.)
	SEE ELECTRICAL SYMBOL NOTE 2
	CIRCUIT NUMBER PANEL (A,B,C,ETC.)
	SWITCHING CIRCUIT (a,b,c,ETC.)
	SEE ELECTRICAL SYMBOL NOTE 3
	SWITCH TYPE —SINGLE-POLE —3-THREE-WAY —4-FOUR-WAY

KEYNOTES

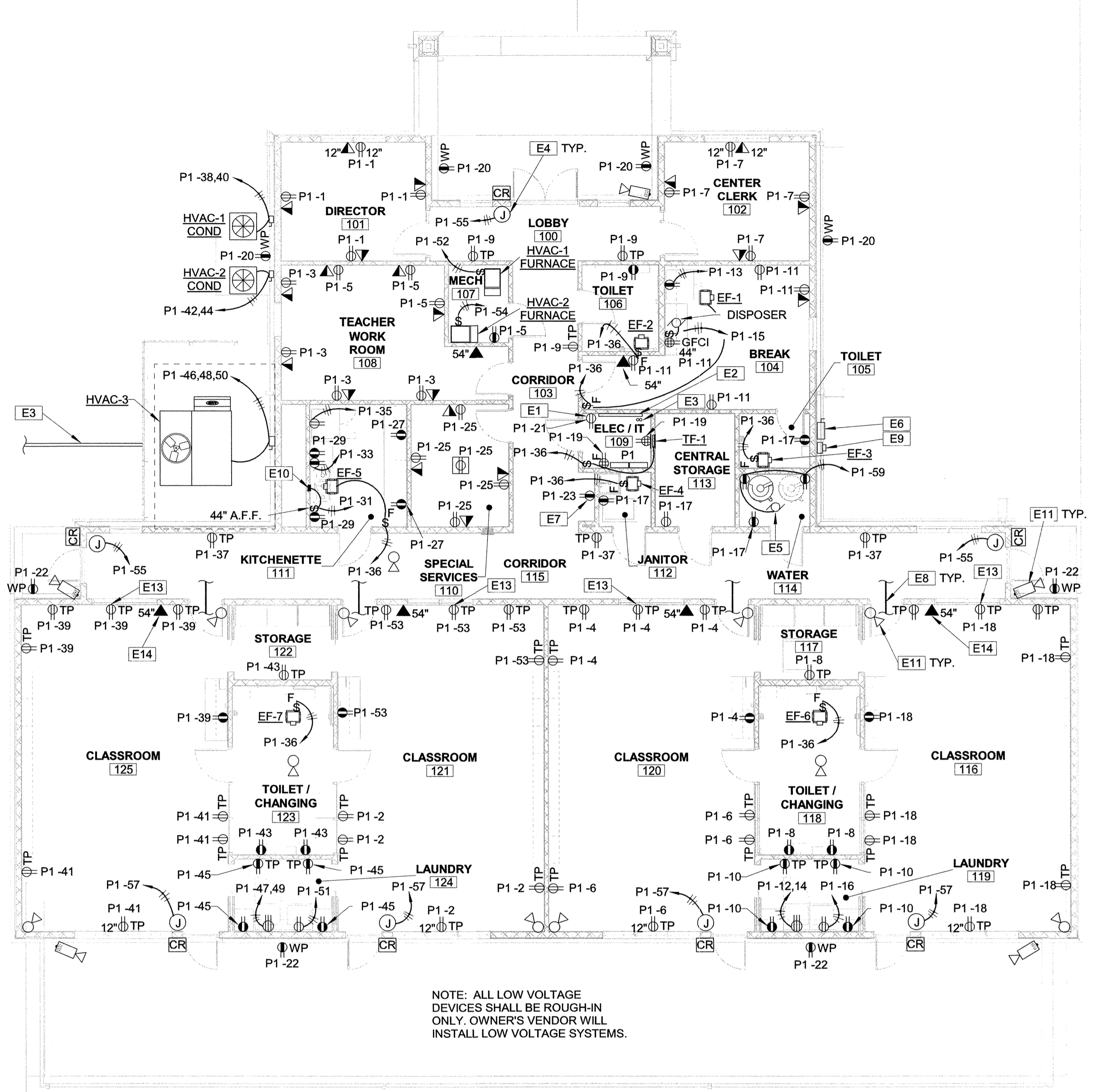
E1	THREE DUPLEX RECEPTACLES, LOCATED AT 36" A.F.F., 60" A.F.F. AND 84" A.F.F. FOR TELEPHONE EQUIPMENT.
E2	TELEPHONE PANEL SHALL BE 4'X4'X3/4" PAINTED PLYWOOD PANEL MOUNTED ON WALL AT LOCATION SHOWN ON PLANS. INSTALL (3) DUPLEX RECEPTACLES PER NOTE 1 ABOVE AND WIRE TO CIRCUIT INDICATED ON PLANS. TELEPHONE PANEL SHALL BE USED FOR MOUNTING TELEPHONE SYSTEM EQUIPMENT WHICH SHALL BE FURNISHED AND INSTALLED BY OTHERS.
E3	(2) 3" CONDUITS FOR TELEPHONE SERVICE/DATA AND FUTURE USE SHALL BE INSTALLED UNDERGROUND TO EXISTING BUILDING. VERIFY CONDUIT LOCATIONS. SEE SITE UTILITY PLAN ON SHEET MPE1.
E4	J-BOX MOUNTED ABOVE CEILING FOR POWER TO CARD READER AND ELECTRIC STRIKE DOOR. VERIFY LOCATION OF CARD READER WITH OWNER. VERIFY INSTALLATION REQUIREMENTS WITH DOOR HARDWARE SHOP DRAWINGS. SEE DOOR SECURITY DETAIL ON SHEET E101 FOR DETAILS.
E5	FURNISH AND INSTALL CONTROLS FOR CIRCULATING PUMP. SEE DETAIL ON DRAWING E101.
E6	EXTERIOR MAIN DISCONNECT, 400A, 3P, NEMA 3R, FUSED, DISCONNECT SWITCH.
E7	CONCEAL GFCI DUPLEX RECEPTACLE BEHIND WATER COOLER PER SHOP DRAWINGS.
E8	INSTALL (1) EMPTY 2" CONDUITS THRU DRYWALL STUD WALL FROM CORRIDOR DROP CEILING TO ABOVE CLASSROOM DROP CEILING FOR COMMUNICATIONS CABLING. CONDUIT SHALL STUB OUT 6" ON THE CLASSROOM SIDE OF THE WALL AND SHALL EXTEND TO THE CORRIDOR SIDE OF THE WALL. BOTH ENDS OF THE CONDUIT SHALL INCLUDE A BUSHING TO PREVENT DAMAGE TO CABLES. CABLING SHALL BE INSTALLED BY OTHERS.
E9	ELECTRIC SERVICE METER.
E10	MOUNT JUNCTION BOX FLUSH IN WALL BELOW SINK.
E11	PROVIDE BOX FLUSH IN WALL OR CEILING WITH CONDUIT TO ABOVE ACCESSIBLE CEILING FOR CAMERAS. VERIFY EXACT CAMERA LOCATIONS WITH OWNER.
E13	MOUNT RECEPTACLE HORIZONTALLY BELOW WINDOW.
E14	MOUNT TELEPHONE DIRECTLY ABOVE TEMPERATURE SENSOR.

SECURITY SYMBOLS

	INTERIOR DOME CAMERA
	EXTERIOR CAMERA
	CARD READER

ELECTRICAL SYMBOL NOTES:

- TYPICAL RECEPTACLE WIRING DESIGNATION. POWER WIRING TO THE RECEPTACLE SHALL BE ROUTED FROM THE PANEL AND CIRCUIT AS INDICATED. ALL DEVICES INDICATED WITH THE SAME POWER CIRCUIT SHALL BE WIRED TOGETHER WITH A SINGLE HOME RUN TO THE DESIGNATED PANEL. ALL WIRING SHALL BE INSTALLED TO MEET ALL NEC REQUIREMENTS AND FOR EASE OF INSTALLATION.
- TYPICAL LIGHT FIXTURE WIRING DESIGNATION. LIGHT FIXTURE TYPE IS A LETTER DESIGNATION THAT CORRESPONDS TO THE FIXTURE TYPE AS LISTED ON THE LIGHTING FIXTURE SCHEDULE. THE SWITCHING CIRCUIT DESIGNATION INDICATES WHICH LIGHT SWITCH(ES) CONTROL POWER TO THE FIXTURE. POWER WIRING TO THE LIGHT FIXTURE SHALL BE ROUTED FROM THE PANEL AND CIRCUIT AS INDICATED. ALL LIGHT FIXTURES WITH THE SAME SWITCHING CIRCUIT AND POWER CIRCUIT DESIGNATIONS SHALL BE WIRED TOGETHER AND CONTROLLED BY THE SAME SWITCH(ES). ALL SWITCHING CIRCUITS INDICATED WITH THE SAME POWER CIRCUIT SHALL BE WIRED TOGETHER WITH A SINGLE HOME RUN TO THE DESIGNATED PANEL. ALL SWITCH WIRING SHALL BE INSTALLED AS REQUIRED TO ACHIEVE PROPER OPERATION OF LIGHTING FIXTURES AS INDICATED ON PLANS. ALL WIRING SHALL BE INSTALLED TO MEET ALL NEC REQUIREMENTS AND FOR EASE OF INSTALLATION.
- TYPICAL SWITCH WIRING DESIGNATION. THE SWITCHING CIRCUIT DESIGNATION INDICATES WHICH LIGHT FIXTURES ARE CONTROLLED BY THE SWITCH. ALL LIGHT FIXTURES IN THE AREA OF THE SWITCH WITH A CORRESPONDING SWITCHING CIRCUIT DESIGNATION SHALL BE WIRED TOGETHER AND CONTROLLED BY THE SWITCH. ANY ADDITIONAL SWITCHES IN THE AREA WITH THE SAME SWITCHING CIRCUIT DESIGNATION SHALL BE WIRED TO THE SWITCHING CIRCUIT TO PROVIDE ADDITIONAL CONTROL AS INDICATED. ALL SWITCH WIRING SHALL BE INSTALLED AS REQUIRED TO ACHIEVE PROPER OPERATION OF LIGHTING FIXTURES AS INDICATED ON PLANS. ALL WIRING SHALL BE INSTALLED TO MEET ALL NEC REQUIREMENTS AND FOR EASE OF INSTALLATION.



NOTE: ALL LOW VOLTAGE DEVICES SHALL BE ROUGH-IN ONLY. OWNER'S VENDOR WILL INSTALL LOW VOLTAGE SYSTEMS.

1 FIRST FLOOR PLAN - POWER WIRING
1/8" = 1'-0"

EARLY HEAD START
CITY OF POCAHONTAS
Pocahontas, Arkansas

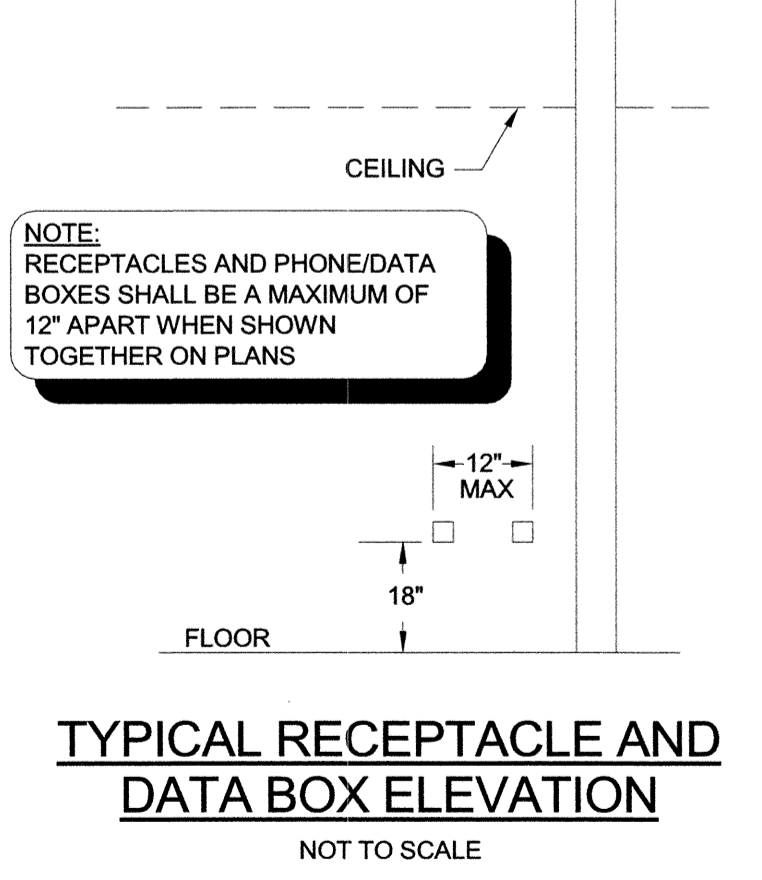
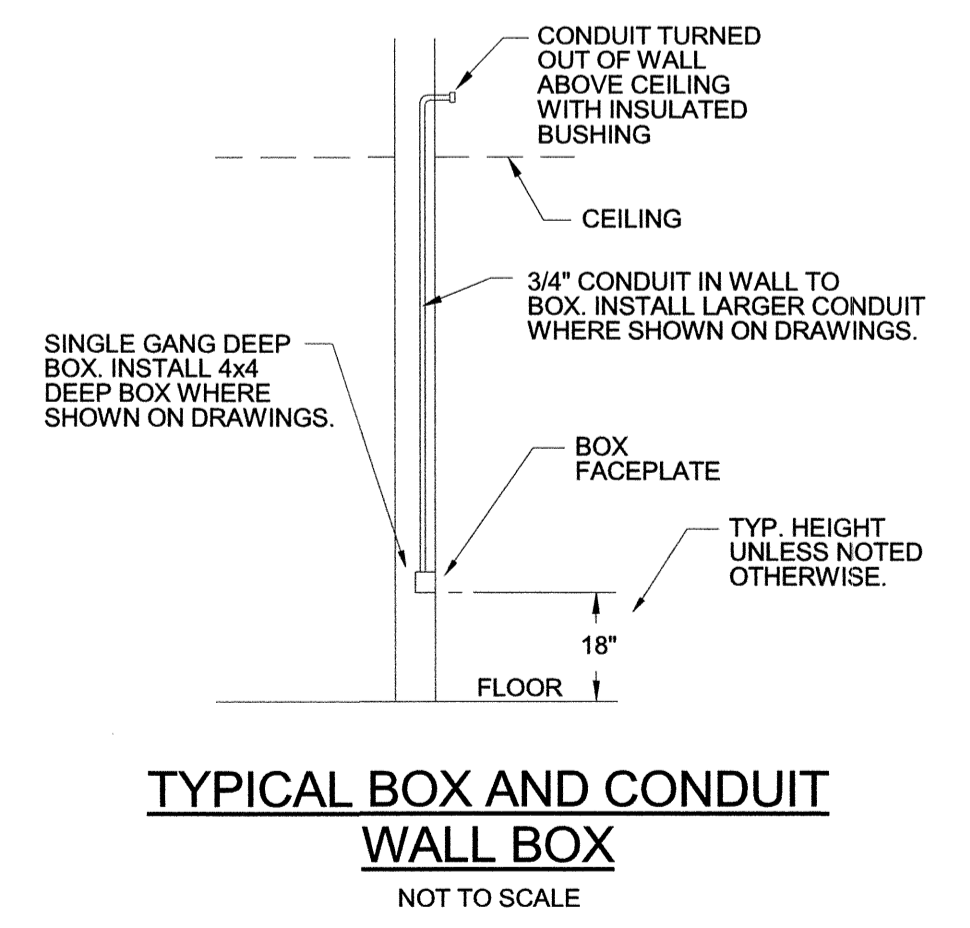
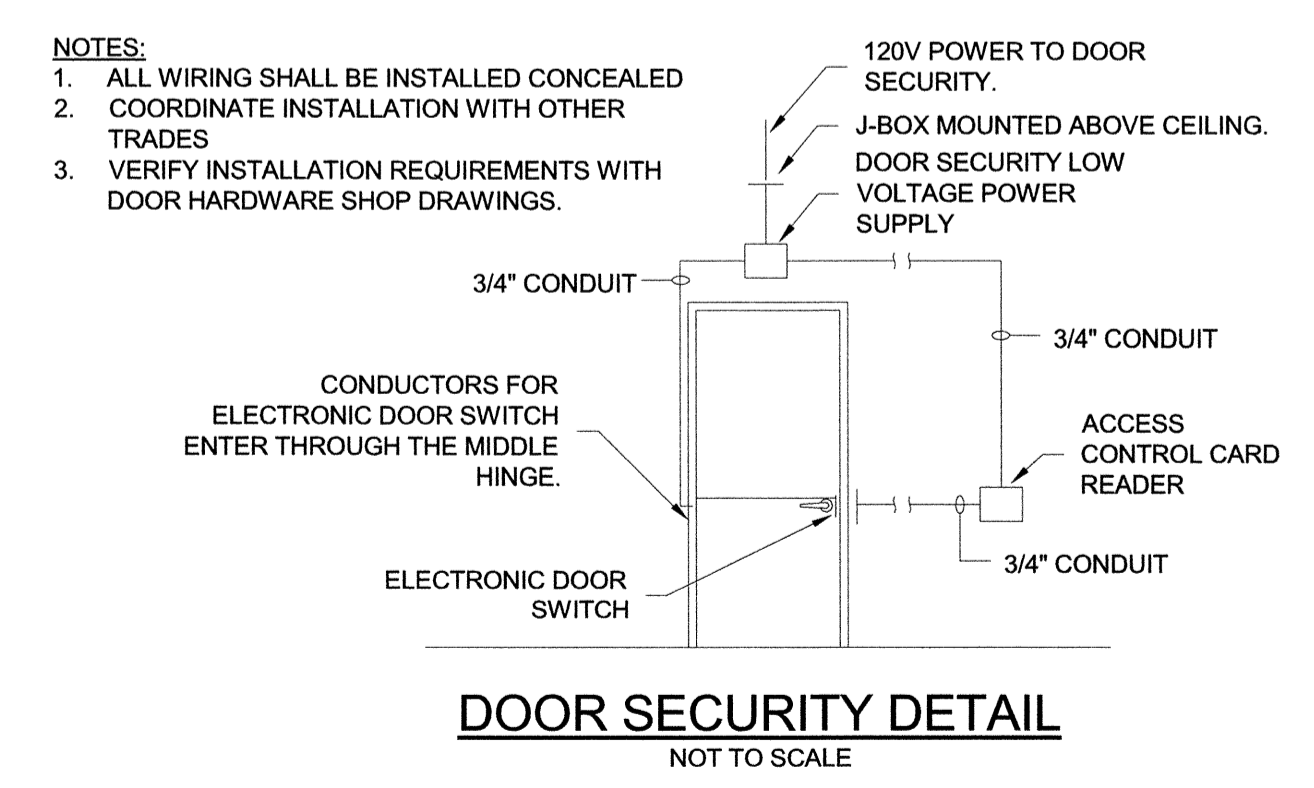
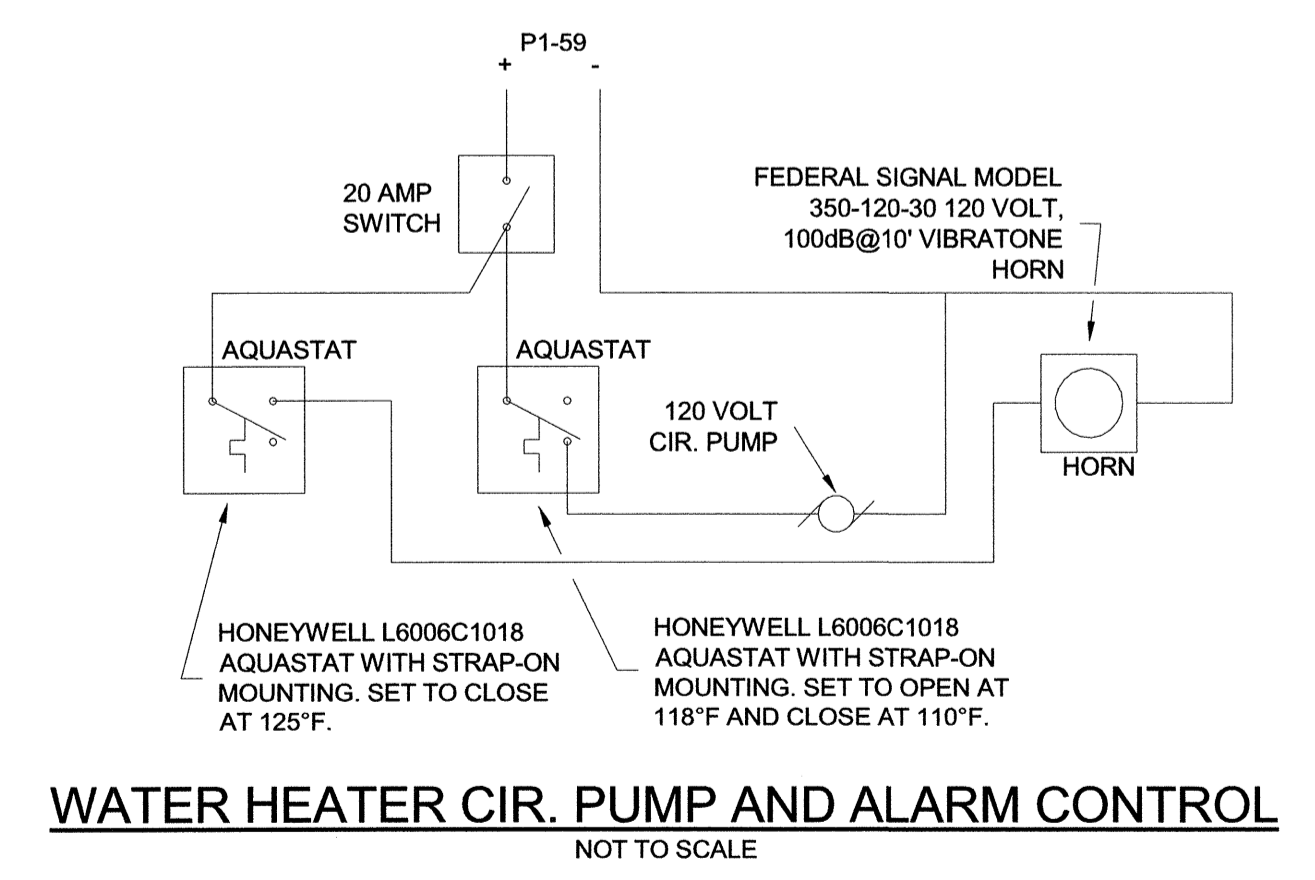
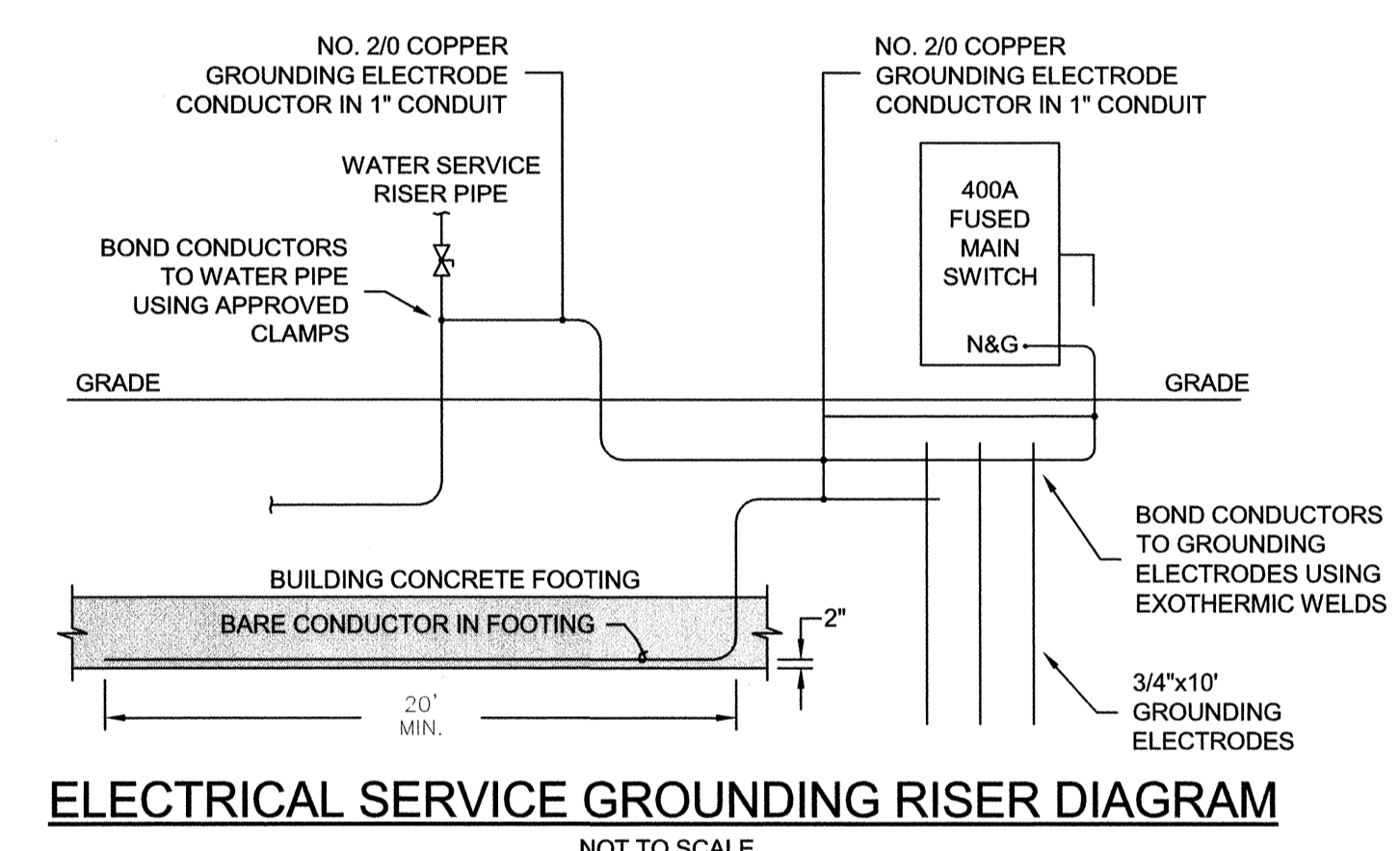
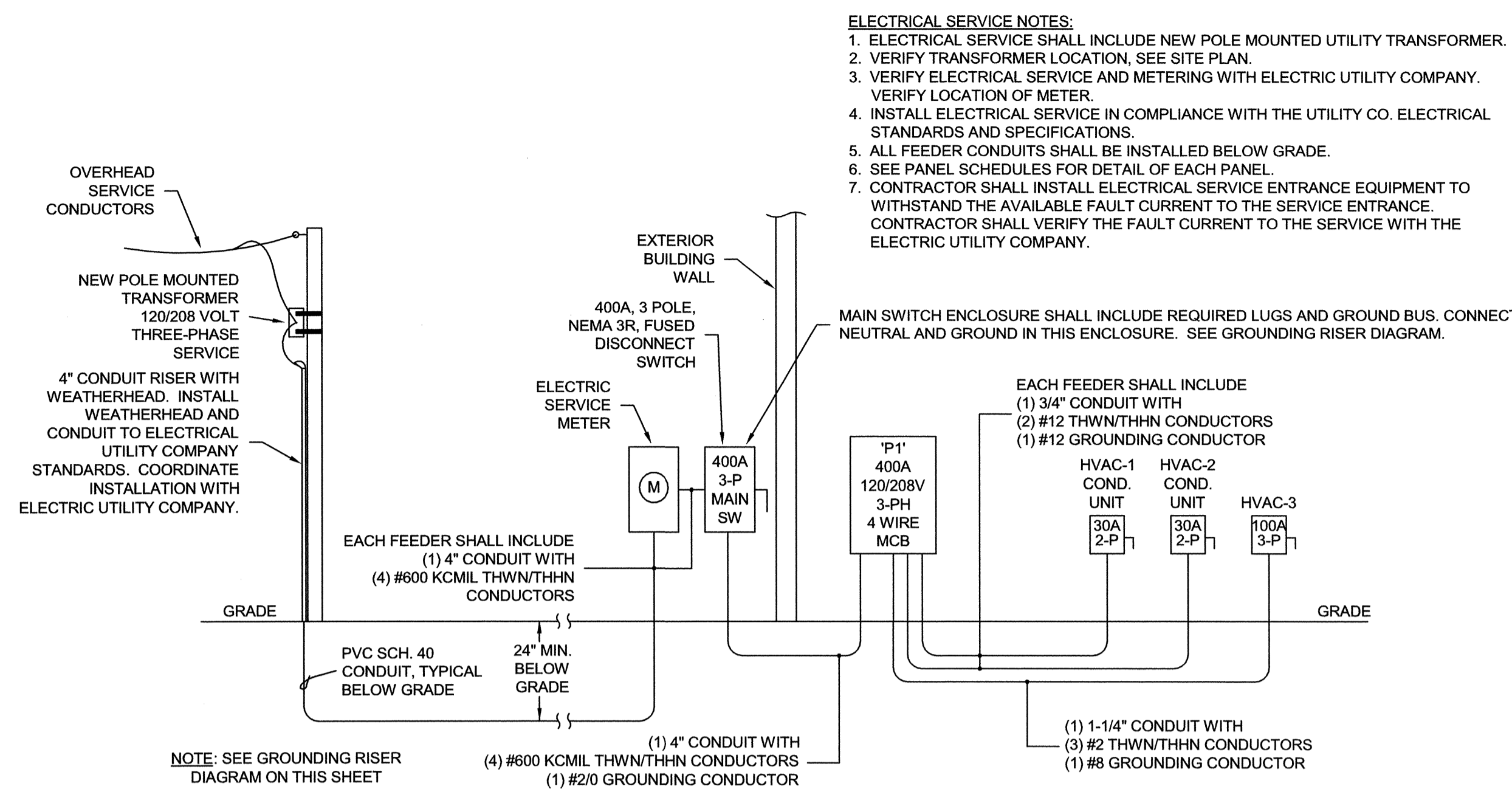
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Commission Number
14617 (SE 18-118)
E100
Date: July 12, 2019



Panel: P1
Location: ELEC / IT 109
Supply From: Mounting: Surface Enclosure: Type 1
Volts: 120/208 Wye
Phases: 3
Wires: 4
A.I.C. Rating: 18000
Mains Type: MCB
Mains Rating: 400 A
MCB Rating: 400 A

Notes:

CKT	Circuit Breaker	Wire Size	Load Name	A	B	C	Load Name	Wire Size	Circuit Breaker	CKT
1	20 A/1	1-#12, 1-#12, 1-#12	Receptacle DIRECTOR 101	720	720		Receptacle CLASSROOM 121	1-#12, 1-#12, 1-#12	20 A/1	2
3	20 A/1	1-#12, 1-#12, 1-#12	Recept TEACHER WORK ROOM 108		720	900	Receptacle CLASSROOM 120	1-#12, 1-#12, 1-#12	20 A/1	4
5	20 A/1	1-#12, 1-#12, 1-#12	Receptacle Room 108, 107			720 720	Receptacle CLASSROOM 120	1-#12, 1-#12, 1-#12	20 A/1	6
7	20 A/1	1-#12, 1-#12, 1-#12	Receptacle CENTER CLERK 102	720	540		Receptacle Room 117, 118, 119	1-#12, 1-#12, 1-#12	20 A/1	8
9	20 A/1	1-#12, 1-#12, 1-#12	Receptacle Room 100, 106, 103		720	720	Receptacle LAUNDRY 119	1-#12, 1-#12, 1-#12	20 A/1	10
11	20 A/1	1-#12, 1-#12, 1-#12	Receptacle BREAK 104			1080 2250	Dryer LAUNDRY 119	2-#10, 1-#10	30 A/2	12
13	20 A/1	1-#12, 1-#12, 1-#12	Refrigerator BREAK 104	1000	2250					14
15	20 A/1	1-#12, 1-#12, 1-#12	Garbage Disposal BREAK 104		1000	1000	Washer LAUNDRY 119	1-#10, 1-#10, 1-#10	20 A/1	16
17	20 A/1	1-#12, 1-#12, 1-#12	Receptacle Room 105, 114, 113, 112			720 1260	Receptacle CLASSROOM 116	1-#10, 1-#10, 1-#10	20 A/1	18
19	20 A/1	1-#12, 1-#12, 1-#12	Receptacle ELEC / IT 109	720	720		Receptacle Exterior	1-#12, 1-#12, 1-#12	20 A/1	20
21	20 A/1	1-#12, 1-#12, 1-#12	Telephone Equip ELEC / IT 109		540	720	Receptacle Exterior	1-#12, 1-#12, 1-#12	20 A/1	22
23	20 A/1	1-#12, 1-#12, 1-#12	Electric Water Cooler CORRIDOR 103			1000 1163	Lighting	1-#12, 1-#12, 1-#12	20 A/1	24
25	20 A/1	1-#12, 1-#12, 1-#12	Receptacle SPECIAL SERVICES 110	900	1175		Lighting	1-#10, 1-#10, 1-#10	20 A/1	26
27	20 A/1	1-#12, 1-#12, 1-#12	Receptacle KITCHENETTE 111		720	1174	Lighting	1-#10, 1-#10, 1-#10	20 A/1	28
29	20 A/1	1-#12, 1-#12, 1-#12	Receptacle KITCHENETTE 111			720 299	Exterior Lighting	1-#12, 1-#12, 1-#12	20 A/1	30
31	20 A/1	1-#12, 1-#12, 1-#12	Other KITCHENETTE 111	1000	564		Parking Lot Lighting	1-#12, 1-#12, 1-#12	20 A/1	32
33	20 A/1	1-#12, 1-#12, 1-#12	Dishwasher KITCHENETTE 111		1200	17	Emergency Lighting	1-#12, 1-#12, 1-#12	20 A/1	34
35	20 A/1	1-#12, 1-#12, 1-#12	Refrigerator KITCHENETTE 111			1000 146	EF Room 106, 105, 112, 123, 118	1-#12, 1-#12, 1-#12	20 A/1	36
37	20 A/1	1-#12, 1-#12, 1-#12	Receptacle CORRIDOR 115	540	999					38
39	20 A/1	1-#10, 1-#10, 1-#10	Receptacle CLASSROOM 125		900	999	HVAC-1 COND	2-#12, 1-#12	20 A/2	40
41	20 A/1	1-#10, 1-#10, 1-#10	Receptacle CLASSROOM 125			720 999	HVAC-2 COND	2-#12, 1-#12	20 A/2	42
43	20 A/1	1-#12, 1-#12, 1-#12	Receptacle Room 123, 124, 122	540	999					44
45	20 A/1	1-#12, 1-#12, 1-#12	Receptacle LAUNDRY 124		720	6477				46
47	30 A/2	2-#8, 1-#8	Receptacle LAUNDRY 124			2250 6477	HVAC-3	3-#2, 1-#8	90 A/3	48
49										50
51	20 A/1	1-#10, 1-#10, 1-#10	Washer LAUNDRY 124		1000	567	HVAC-1 FURNACE	1-#12, 1-#12, 1-#12	20 A/1	52
53	20 A/1	1-#12, 1-#12, 1-#12	Receptacle CLASSROOM 121			900 567	HVAC-2 FURNACE	1-#12, 1-#12, 1-#12	20 A/1	54
55	20 A/1	1-#12, 1-#12, 1-#12	Power J-Box for Access Control	600						56
57	20 A/1	1-#12, 1-#12, 1-#12	Power J-Box for Access Control		800					58
59	20 A/1	1-#12, 1-#12, 1-#12	(2) Water Heaters, (1) Circ. Pump, 114			1000				60
61	20 A/1	1-#12, 1-#12, 1-#12	FACP & VOICE EVAC PANEL	1200						62
63	20 A/1	1-#12, 1-#12, 1-#12	Photocell/Ltg Contactor ELEC / IT 109		1200					64
65										66
67										68
69										70
71										72
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79										80
81										82
83										84

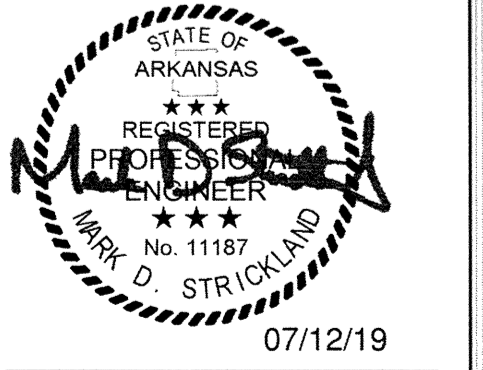
Total Load: 24608 VA, 22068 VA, 23955 VA
Total Amps: 207 A, 184 A, 202 A

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
HVAC	24707 VA	100.00%	24707 VA	Total Conn. Load: 70630 VA
Other	3216 VA	100.00%	3216 VA	Total Est. Demand: 58895 VA
Receptacle	35620 VA	64.04%	22810 VA	Total Conn.: 1996 A
Power	2800 VA	100.00%	2800 VA	Total Est. Demand: 163 A
Lighting	4357 VA	125.00%	5446 VA	

Notes:

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Rev. Description	Rev. Date

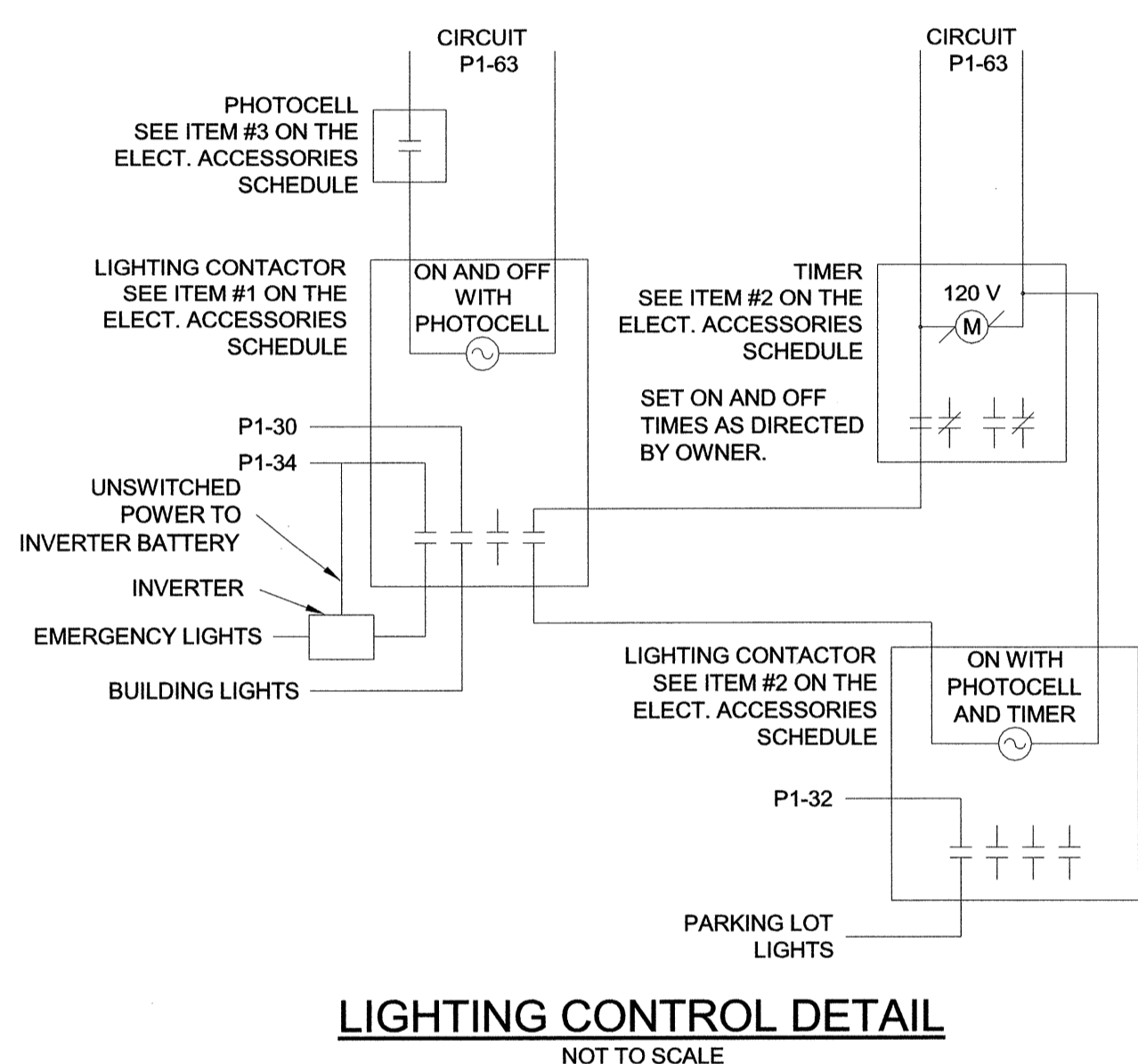


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Commission Number
14617 (SE 18-118)
E101
Date: July 12, 2019

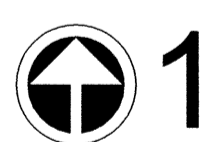
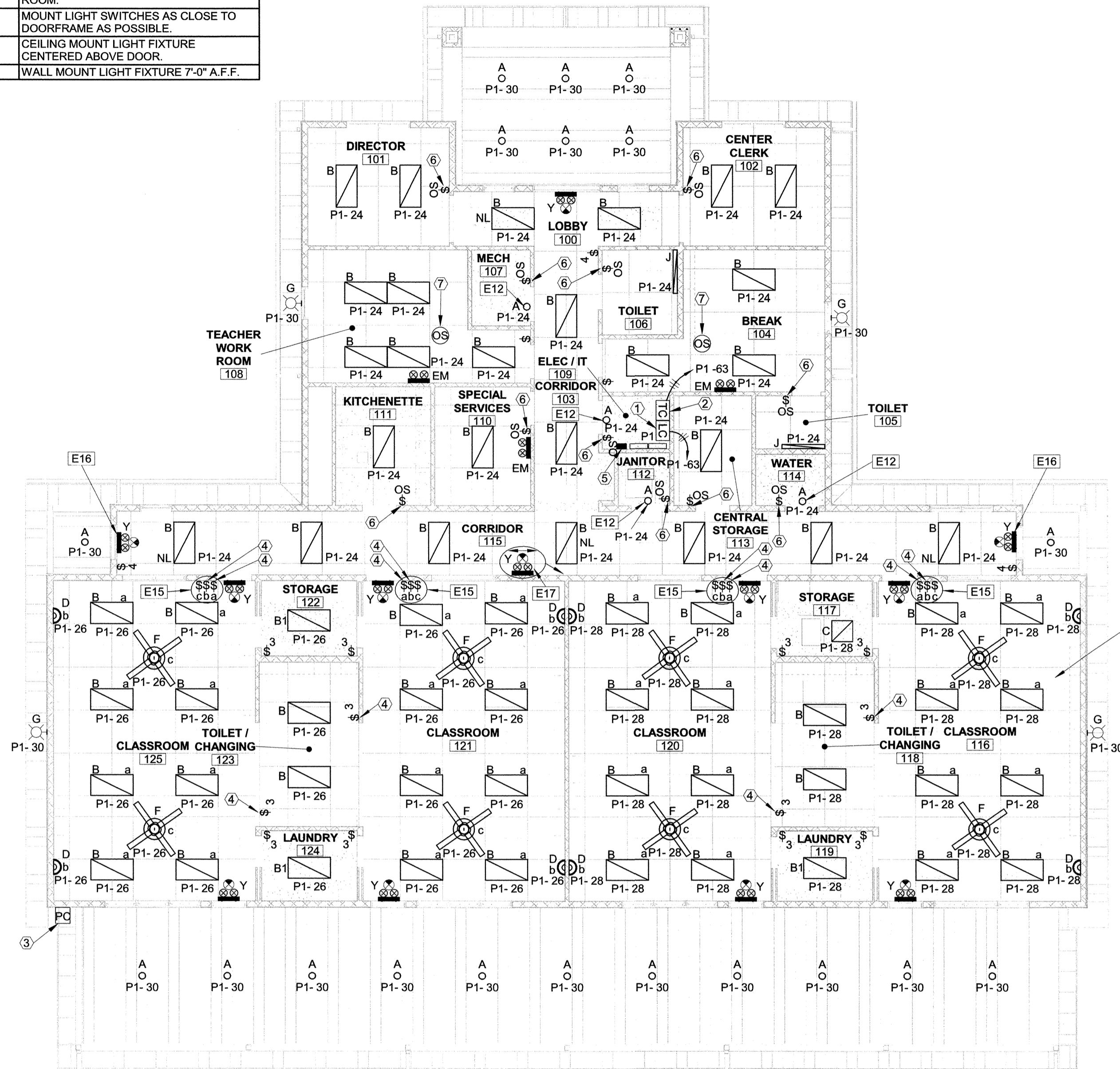
MARK	ITEM	MANUFACTURER	MODEL	SPECIFICATIONS	REMARKS
1	LIGHTING CONTACTOR	SQUARE 'D' COMPANY	CLASS 8903 TYPE 'S'	120V AC COIL, 30A RATED CONTACTS, NO. OF POLES AS REQUIRED	WALL MOUNT NEAR ELECTRICAL PANELS AS SHOWN ON DRAWINGS
2	7-DAY ASTRONOMIC TIMER CONTROL	INTERMATIC	ET8215C	7-DAY ASTRONOMIC TIME CONTROL W/ 2NO-2NC 30A CONTACTS	WALL MOUNT NEAR ELECTRICAL PANELS AT LOCATIONS SHOWN ON DRAWINGS
3	PHOTOCONTROL	INTERMATIC	EK4236S	120 V. SPST, UL RATED	MOUNT ON EXTERIOR WALL OF BUILDING AT LOCATION SHOWN NEAR ROOF LINE. SHIELD AS REQ'D.
4	0-10V SLIDE DIMMER WALL SWITCH	COOPER LIGHTING	WBSD-010SLD	0-10V DIMMING CONTROL WIRED FOR SINGLE POLE OR 3-WAY SWITCHING	WALL MOUNT SWITCH 48" A.F.F. IN LOCATIONS SHOWN ON PLAN
5	EMERGENCY LIGHTING INVERTER	PHILIPS	ELI-S-400	400VA EMERGENCY LIGHTING INVERTER	WALL MOUNT NEAR ELECTRICAL PANELS AS SHOWN ON DRAWINGS
6	DUAL TECHNOLOGY WALL SWITCH SENSOR	WATTSTOPPER	DSW-301	30SEC. - 30MIN. TIME DELAY	FLUSH MOUNT IN WALL AT 48" A.F.F. AT LOCATIONS SHOWN ON DRAWINGS
7	DIGITAL DUAL TECHNOLOGY CEILING MOUNT OCCUPANCY SENSOR	WATTSTOPPER	DT-300	12SEC. - 30MIN. DELAY	SURFACE MOUNT, ON CEILING IN LOCATIONS SHOWN

KEYNOTES	
E12	SURFACE MOUNT LIGHT FIXTURE CENTERED ON WALL ABOVE DOOR IN ROOM.
E15	MOUNT LIGHT SWITCHES AS CLOSE TO DOORFRAME AS POSSIBLE.
E16	CEILING MOUNT LIGHT FIXTURE CENTERED ABOVE DOOR.
E17	WALL MOUNT LIGHT FIXTURE 7'-0" A.F.F.



GENERAL LIGHTING NOTES

1. ALL TYPE 'G' AND ALL TYPE 'A' LIGHT FIXTURES LOCATED ON THE EXTERIOR OF THE BUILDING SHALL BE WIRED TO CIRCUIT P1-30 THROUGH INVERTER AND SHALL BE CONTROLLED BY PHOTOCELL ON SW CORNER OF BUILDING.
2. ALL TYPE 'EM', AND 'Y' EMERGENCY AND EXIT LIGHT FIXTURES SHALL BE WIRED TO CIRCUIT P1-34.
3. ALL FIXTURES LABELED 'NL' ARE NIGHT LIGHT FIXTURES AND SHALL REMAIN UNSWITCHED.
4. ALL LIGHT FIXTURES LOCATED IN CLASSROOMS 116, 120, 121, AND 125 AND TOILET/CHANGING ROOMS 118 AND 123 SHALL BE CONTROLLED WITH 0-10V DIMMING. PROVIDE ADDITIONAL WIRING AS REQUIRED FOR 0-10V DIMMING AS SHOWN ON THE PLAN. VERIFY WIRING REQUIREMENTS WITH MANUFACTURER'S SHOP DRAWINGS.
5. LIGHT FIXTURES AND WIRING DEVICES SHALL BE INSTALLED IN LOCATIONS AS INDICATED ON PLANS. COORDINATE WITH OTHER TRADES BEFORE CONSTRUCTION TO AVOID CONFLICTS IN THE FIELD. IF CONFLICT ARISES, CONTACT THE ENGINEER FOR RESOLUTION.

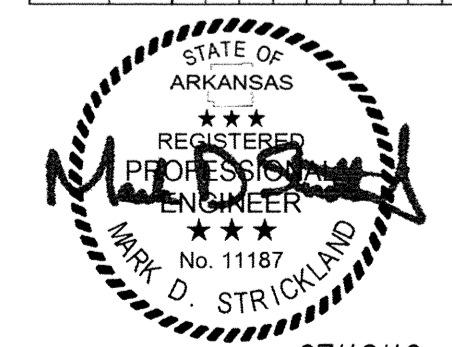


1 FIRST FLOOR PLAN - LIGHTING

1/8" = 1'-0"

MARK	MANUFACTURER	MODEL	DESCRIPTION	LAMP	WATTAGE	VOLTS	MOUNTING	COLOR
A	COOPER LIGHTING	SLD60683SWH	6" SURFACE LED DOWNLIGHT	LED	13 W	120V	SURFACE MOUNT ON CEILING	WHITE
B	COOPER LIGHTING	24FP4735C	2'x4' LED FLAT PANEL	LED	40 W	120V	RECESSED	WHITE
B1	COOPER LIGHTING	24FP4735C W/ FPSURF24	2'x4' LED FLAT PANEL W/ SURFACE MOUNT KIT	LED	40 W	120V	SURFACE MOUNT ON DRYWALL CEILING	WHITE
C	COOPER LIGHTING	22FP4235C W/ FPSURF22	2'x2' LED FLAT PANEL W/ SURFACE MOUNT KIT	LED	39 W	120V	SURFACE MOUNT ON DRYWALL CEILING	WHITE
D	COOPER LIGHTING	FIXTURE: 160-25-W-L3827-UNV W/ SHADE: 160-25-SHD-SBG	ROUND CYLINDER LED WALL SCONCE W/ FABRIC SHADE	LED	22 W	120V	WALL MOUNT 7'-0" A.F.F. IN LOCATIONS SHOWN. VERIFY HEIGHT AND LOCATION WITH OWNER.	SHANTUNG BEIGE SHADE
EM	COOPER LIGHTING	LEM5D	LED DUAL HEAD EMERGENCY LIGHT	LED	1 W	120V	WALL MOUNT BOTTOM OF FIXTURE 8'-0" A.F.F. AT LOCATIONS SHOWN UNLESS NOTED OTHERWISE.	WHITE
F	EMERSON	CF772SW	52" (5) BLADE CEILING FAN	LED	72 W	120V	CEILING MOUNT	SATIN WHITE
G	LUMARK	XTOR1B-W	CROSSTOUR WALL PACK LED	LED	12 W	120V	SURFACE MOUNT ON WALL AT 8'-0" A.F.F.	CARBON BRONZE
H	LITHONIA LIGHTING	AREA LIGHT: (2) KAD LED 40C 700 40K R4 MVOLT SPD04 DDBXD STEEL POLE; (1) SSS 20 5C DM28 DDBXD	DUAL HEAD LED AREA LIGHT MOUNTED TO 20' STEEL POLE	LED	188 W	MVOLT	MOUNT EACH AREA LIGHT TO SQUARE POLE	DARK BRONZE
J	COOPER LIGHTING	4BCLD-LD4-32SL-F-UNV-L835-CD1	4' LED STRIPLIGHT	LED	32 W	120V	WALL MOUNT FIXTURE 7'-0" A.F.F.	WHITE
Y	SURE-LITES	APC7R	EMERGENCY EXIT LIGHT COMBO UNIT	LED	1 W	120V	WALL MOUNT CENTERED ABOVE DOOR AT 8'-0" UNLESS NOTED OTHERWISE.	WHITE W/ RED LETTERS

Revision Schedule	Issued by
Rev. Description	Rev. Date



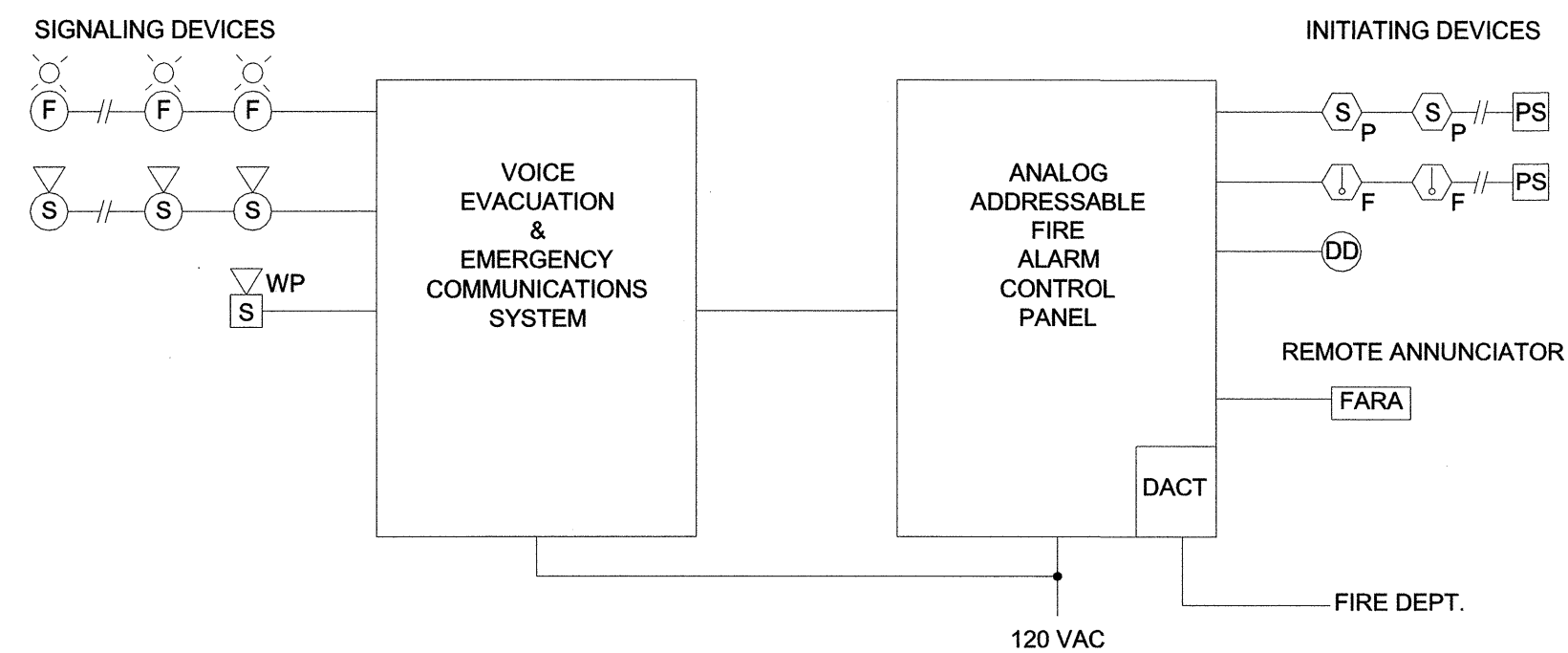
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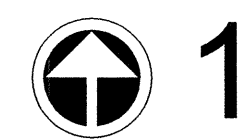
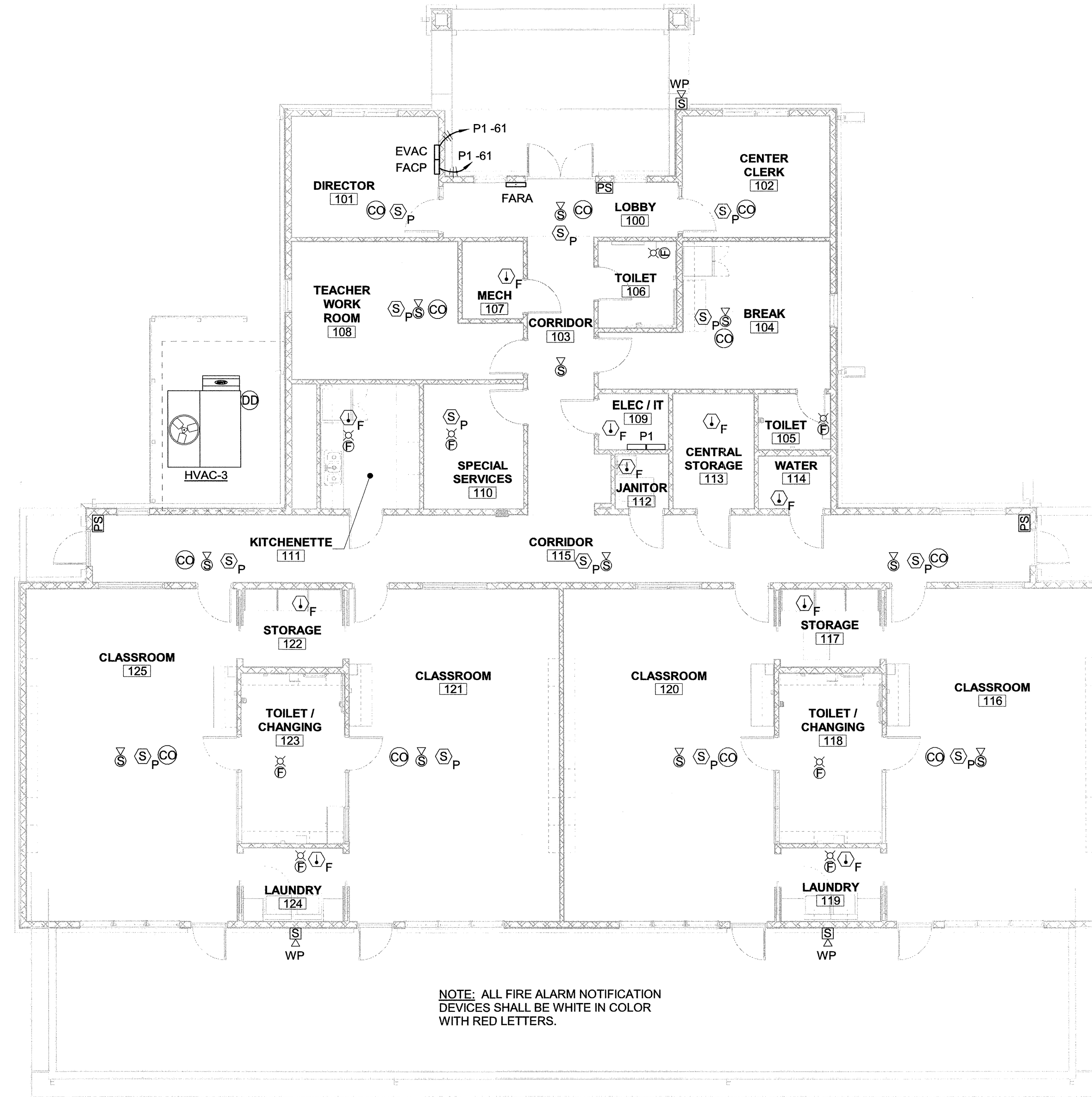
Commission Number
14617 (SE 18-118)

E200

Date: July 12, 2019



FIRE ALARM RISER DIAGRAM
NOT TO SCALE



1 FIRST FLOOR PLAN - FIRE ALARM

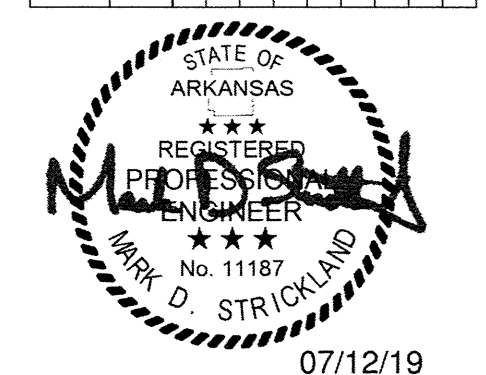
1/8" = 1'-0"

FIRE ALARM SYMBOLS

- ⊙ SPEAKER / STROBE, CEILING MOUNT
- ⊙ PHOTOELECTRIC SMOKE DETECTOR
- ⊙ HEAT DETECTOR
- ⊙ PULL STATION W/ PROTECTIVE COVER
- ⊙ FIRE ALARM CONTROL PANEL
- ⊙ VOICE EVACUATION PANEL
- ⊙ FIRE ALARM REMOTE ANNUNCIATOR
- ⊙ STROBE, CEILING MOUNT
- ⊙ CARBON MONOXIDE DETECTOR, CEILING MOUNT
- ⊙ DUCT DETECTOR
- ⊙ WEATHER PROOF SPEAKER / STROBE, WALL MOUNT

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Revision Schedule		Issued by
Tab	Rev. Description	Rev. Date



Commission Number
14617 (SE 18-118)
E300

Date: July 12, 2019

EARLY HEAD START
CITY OF POCAHONTAS
Pocahontas, Arkansas

BRACKETT KRENNERICH
architects

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ARKANSAS FIRE PREVENTION CODE, 2012 VOLUMES 1 & 2
 2006 ARKANSAS PLUMBING CODE
 2010 ARKANSAS MECHANICAL CODE
 2017 NATIONAL ELECTRICAL CODE
 2006 INTERNATIONAL FUEL AND GAS CODES
 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
 A.C.A. 12-80-101 ET.SEQ. (ARKANSAS STATE LAW)

OCCUPANCY CLASSIFICATION _____ Group E, Education
 Building classification is based on Section 305.2 and Section 308.6.1. Each space used for child care has an exit directly to exterior and the facility will be monitoring less than 100 children.

BUILDING AREA
 Building _____ 5,081 square feet
 Front Porch _____ 1,512 square feet
 Rear Canopy _____ 1,593 square feet
Total Building Area _____ **8,186 square feet**

BUILDING HEIGHT _____ 18'-0"
NUMBER OF STORIES _____ One (1)
TYPE OF CONSTRUCTION _____ TYPE VB - Unsprinklered

FIRE RESISTIVE RATINGS REQUIREMENTS - SEPARATION DISTANCE
TYPE VB (Table 602)
 0 ≤ X ≤ 5 _____ 1-Hour
 5 ≤ X ≤ 10 _____ 1-Hour
 10 ≤ X ≤ 30 _____ 0-Hour
ALLOWABLE HEIGHT (Table 503) _____ 40'-0"
ALLOWABLE AREA _____ 16,625 sq. feet

Table 503, Educational, Group E	9,500 square feet
Area increase for fully sprinklered building	0 square feet
Portage increase $I_p = (FIP - 20) WIS$	7,125 square feet
$I_p = (1 - 25) 300/30 = 9,500 \text{ sf} \times .75$	7,125 square feet
Allowable Area	16,625 square feet

MAXIMUM NUMBER OF STORIES (Table 503) _____ One (1)

BUILDING SETBACKS
 North _____ 103'-8" to property line
 East _____ 90'-5" to property line
 South _____ 67'-2" to property line
 West _____ 68'-8" to nearest structure

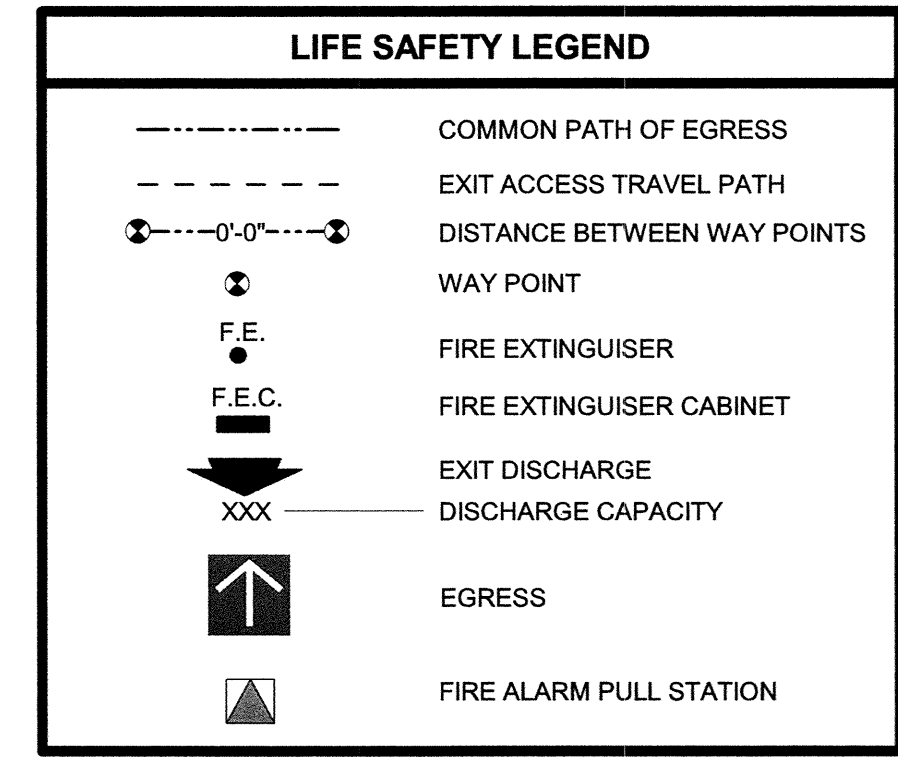
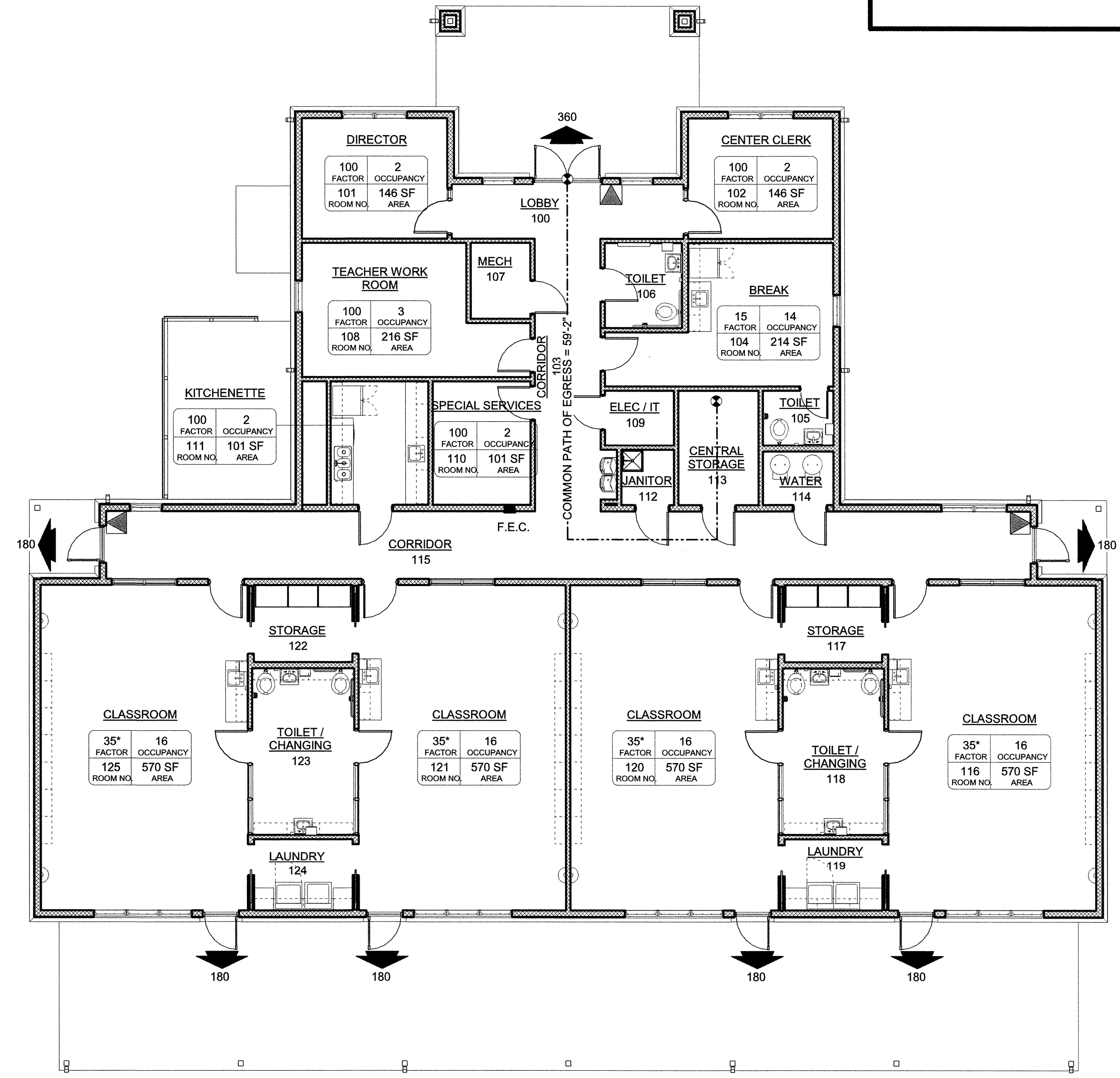
OCCUPANCY LOAD
 *Classroom occupancy based on square footage criteria established by Arkansas Department of Human Services, Child Care Licensing Unit

DIRECTOR 101 (Area / 100 sq. ft. gross per occupant)	2
DIRECTOR 102 (Area / 100 sq. ft. gross per occupant)	2
BREAK 104 (Area / 15 sq. ft. gross per occupant)	14
TEACHER WORK ROOM 108 (Area / 100 sq. ft. gross per occupant)	3
SPECIAL SERVICES 110 (Area / 100 sq. ft. gross per occupant)	2
KITCHENETTE 111 (Area / 100 sq. ft. gross per occupant)	2
*CLASSROOM 116 (Area / 35 sq. ft. gross per occupant) (Actual: 3 Adults, 8 Children)	16
*CLASSROOM 120 (Area / 35 sq. ft. gross per occupant) (Actual: 3 Adults, 8 Children)	16
*CLASSROOM 121 (Area / 35 sq. ft. gross per occupant) (Actual: 3 Adults, 8 Children)	16
*CLASSROOM 125 (Area / 35 sq. ft. gross per occupant) (Actual: 3 Adults, 8 Children)	16
MECHANICAL / STORAGE AREAS (Area / 300sq. ft. gross per occupant)	2

AUTOMATIC SPRINKLER SYSTEM REQUIREMENTS
 No sprinkler system is required (Section 903.2.3)
 Building classification is Group E
 No fire area above 12,000 square feet.
 Fire area is located at level of discharge.

EXIT REQUIREMENTS
 No corridor rating is required per Section 1018, Exception 1.
 Minimum door size _____ 36" (ADA)
 Exit access travel distance _____ 200'-0"
 Maximum common path of egress travel distance _____ 75'-0"
 Dead end corridor distance _____ 20'-0"
 Egress width per occupant _____
 Stairways _____ .3 inches
 Other egress components _____ .2 inches
 Minimum number of exits _____ Two (2)

SEISMIC DESIGN REQUIREMENTS
 Seismic Zone 3
 Site Class D
 Seismic Design Category D



life safety plan
 SCALE: 1/8" = 1'-0"

EARLY HEAD START FACILITY
 CITY OF POCAHONTAS
 Pocahontas, Arkansas

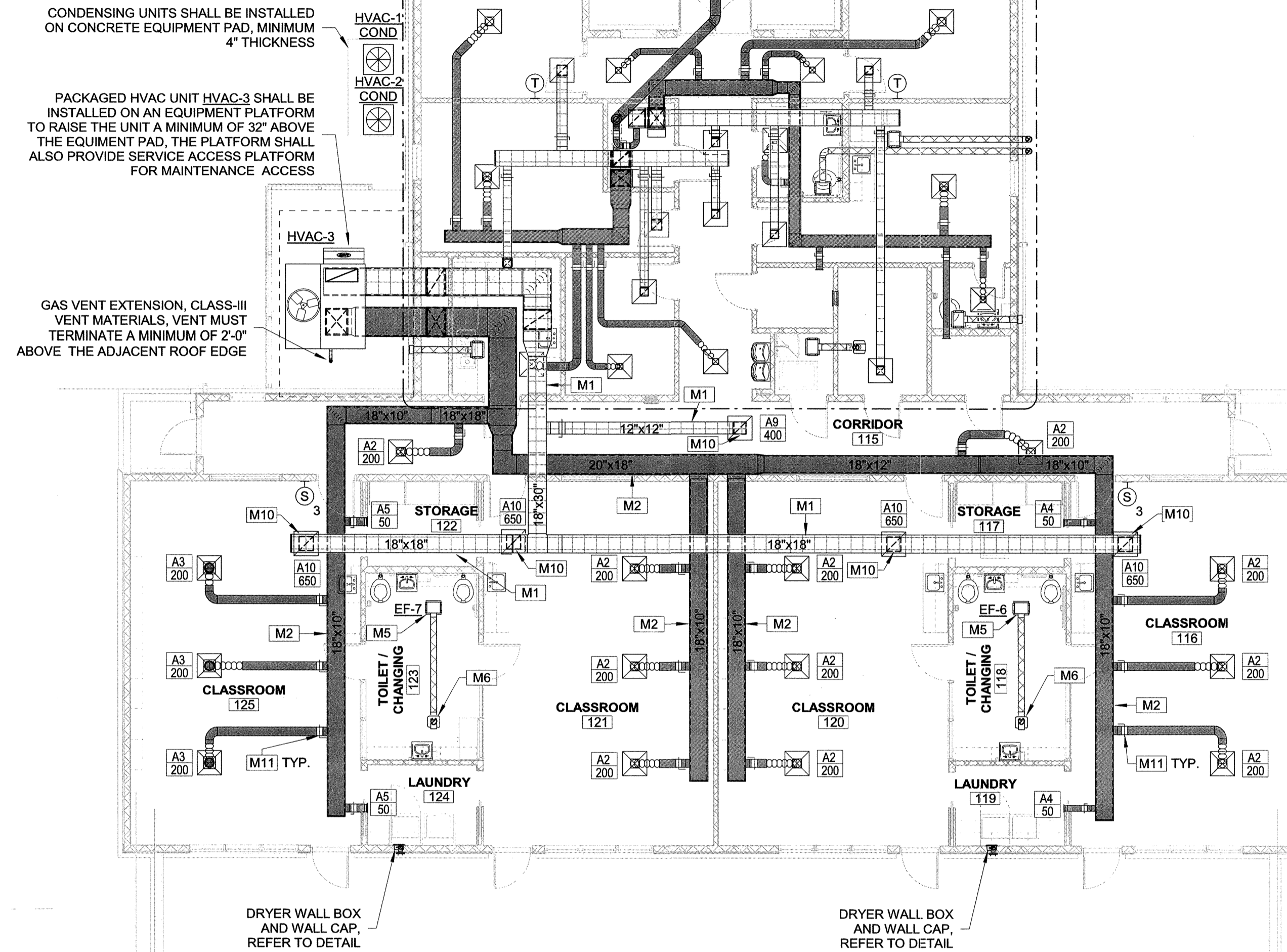
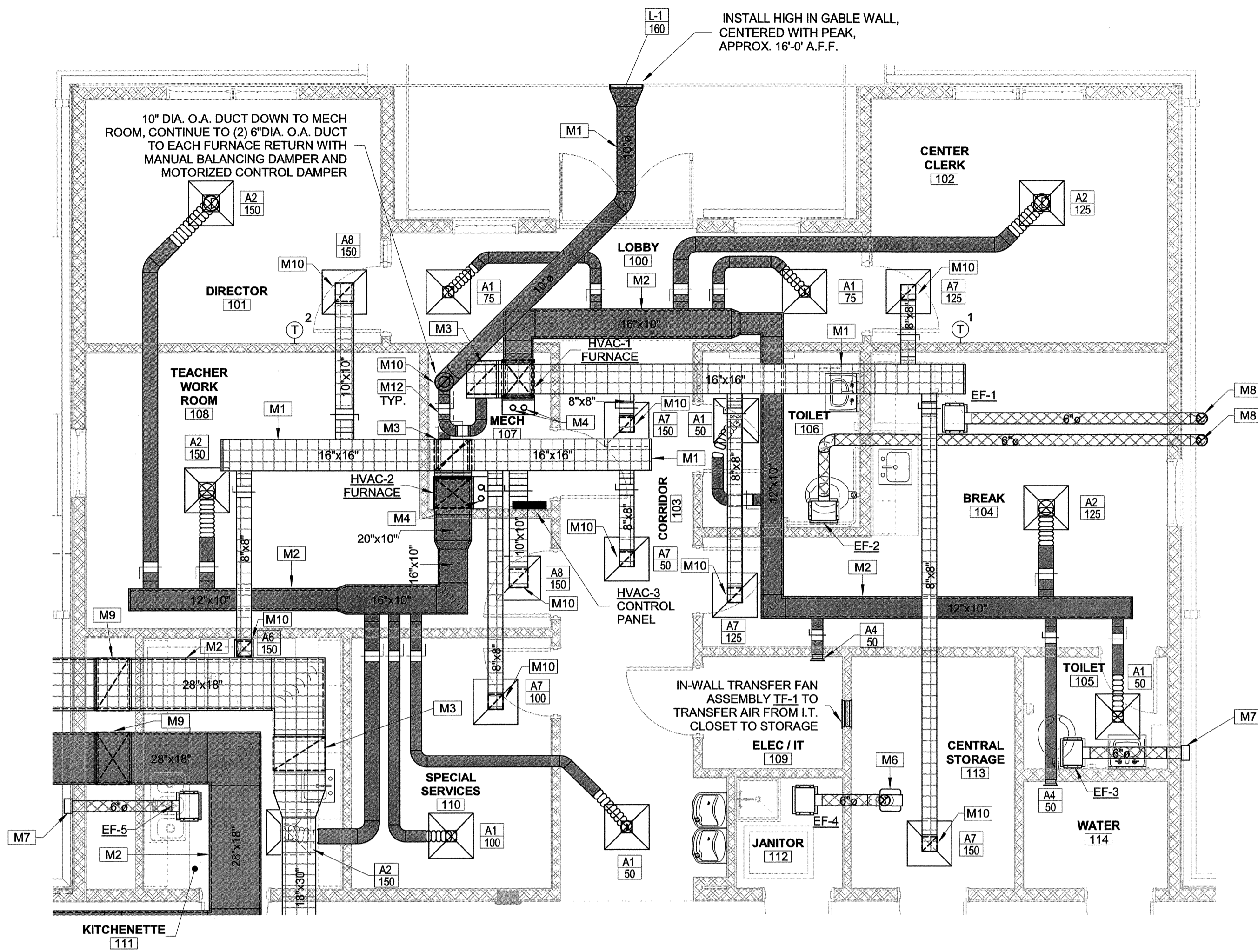
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Revision Schedule	Issued By	Rev. Date	Rev. Description



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 14617
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2 ENLARGED FIRST FLOOR PLAN - MECHANICAL

1/4" = 1'-0"

NOTE:
GENERAL CONTRACTOR IS RESPONSIBLE FOR TEMPORARY HEATING AND AIR CONDITIONING. THE BUILDING HVAC SYSTEMS SHALL NOT BE USED FOR TEMPORARY CONDITIONING AT ANY TIME DURING CONSTRUCTION.



1 FIRST FLOOR PLAN - MECHANICAL

1/8" = 1'-0"

KEYNOTES

M1	DUCT SHALL BE INSTALLED IN ATTIC WITH EXTERNAL DUCT WRAP INSULATION, MIN. R-8.
M2	DUCT SHALL BE INSTALLED ABOVE GRID CEILING, BELOW GYPSUM BOARD CEILING, WITH 1" THICKNESS INSULATION LINER.
M3	DUCT UP INTO ATTIC SPACE BETWEEN TRUSSES, SEAL DUCT PENETRATION INTO ATTIC SPACE. DUCT BELOW GYPSUM CEILING SHALL HAVE 1" THICKNESS INSULATION LINER. DUCT IN ATTIC SHALL BE EXTERNALLY INSULATED, MIN. R-8. GYPSUM CEILING PENETRATION SHALL BE WITH LINED DUCT TO ALLOW PROPER SEALING OF THE PENETRATION.
M4	3" DIA. PVC COMBUSTION INTAKE AND EXHAUST VENT UP TO CONCENTRIC FITTING ON ROOF. PAINT PER ARCHITECT COLOR SELECTION.
M5	EXHAUST FAN SHALL BE INTERLOCKED WITH HVAC-3 OUTSIDE AIR DAMPER OPERATION. MECHANICAL CONTRACTOR SHALL FURNISH AND INSTALL LOW-VOLTAGE WIRING AND NECESSARY RELAYS TO OPERATE THE EXHAUST FAN WHEN SYSTEM HVAC-3 CONTROLS CALL FOR OCCUPIED STATUS VENTILATION.
M6	6" DIA. E.A. DUCT UP TO ROOF EXHAUST JACK.
M7	6" DIA. E.A. DUCT TO WALLCAP EQUAL TO GREENHECK WC-6, CLEAN PRIME, AND PAINT PER ARCHITECT COLOR SELECTION.
M8	6" DIA. E.A. DUCT TO SOFFIT MOUNTED EXHAUST TERMINATION.
M9	28"x18" DUCT UP IN DUCT CHASE TO ABOVE GRID CEILING ELEVATION THEN TURN OVER TO ABOVE GRID CEILING, BELOW GYPSUM BOARD CEILING.
M10	DUCT DOWN FROM ATTIC SPACE BETWEEN TRUSSES, SEAL DUCT PENETRATION INTO ATTIC SPACE. DUCT BELOW GYPSUM CEILING SHALL HAVE 1/2" THICKNESS EXTERNAL INSULATION, DUCT IN ATTIC SHALL BE EXTERNALLY INSULATED, MIN. R-8. GYPSUM CEILING PENETRATION SHALL BE WITH HARD DUCT TO ALLOW PROPER AIR SEALING OF THE PENETRATION.
M11	MANUAL BALANCING DAMPER WITH POSITIVE LOCKING MECHANISM AND STANDOFF, EQUAL TO ROSSI EVERLOCK, REFER TO DETAIL.
M12	MOTORIZED CONTROL DAMPER WITH 24-VAC DAMPER OPERATOR AND BLADE SEAL, EQUAL TO GREENHECK VCDR-53.

HVAC SYMBOLS

	RETURN DUCT		THERMOSTAT WITH SYSTEM CONTROL MARKED 54" A.F.F. TYPICAL & 48" A.F.F. FRONT ACCESS ADA
	EXHAUST DUCT		HUMIDISTAT WITH SYSTEM CONTROL MARKED 54" A.F.F. TYPICAL & 48" A.F.F. FRONT ACCESS ADA
	SUPPLY DUCT		TEMPERATURE SENSOR WITH SYSTEM CONTROL MARKED 54" A.F.F. TYPICAL & 48" A.F.F. FRONT ACCESS ADA
	FLEX DUCT		AIR DEVICE NO. CFM
	SUPPLY DUCT RISER		TRANSITION W/DUCT SLOPING UP
	RETURN DUCT RISER		TRANSITION W/DUCT SLOPING DOWN
	EXHAUST DUCT RISER		A.F.F. ABOVE FINISHED FLOOR
	CEILING SUPPLY GRILLE		A.F.R. ABOVE FINISHED ROOF
	CEILING RETURN GRILLE		FD FIRE DAMPER
	CEILING EXHAUST GRILLE		F/S FIRE/SMOKE DAMPER
	DUCT WITH TURNING VANES		MANUAL BALANCING DAMPER
	DUCT TAKE-OFF WITH AIR SCOOP OR EXTRACTOR		MOTORIZED CONTROL DAMPER
	DUCT TAKE-OFF WITH DAMPER		

BRANCH SUPPLY/RETURN DUCT SCHEDULE

CFM RANGE	DUCT SIZE
50 - 125	6" DIA.
126 - 200	8" DIA.
201 - 350	10" DIA.
351 - 500	12" DIA.
501 - 750	14" DIA.
751 - 850	16" DIA.
851 - 1100	18" DIA.
1101 - 1500	20" DIA.

NOTE:
BRANCH DUCTING TO AIR DEVICE SHALL BE SIZED PER SCHEDULE ABOVE, UNLESS OTHERWISE NOTED.
DUCTWORK GENERAL NOTES:
1. ALL DUCTWORK DIMENSIONS SHOWN ARE SHEETMETAL DIMENSIONS. CONTRACTOR DOES NOT NEED TO INCREASE OR DECREASE DUCT SIZE SHOWN ON PLANS FOR INSULATION.
2. RECTANGULAR SUPPLY AND RETURN DUCTWORK SHALL BE INTERNALLY INSULATED, UNLESS OTHERWISE NOTED.
3. RECTANGULAR FRESH AIR AND EXHAUST DUCTWORK SHALL BE EXTERNALLY INSULATED, UNLESS OTHERWISE NOTED.

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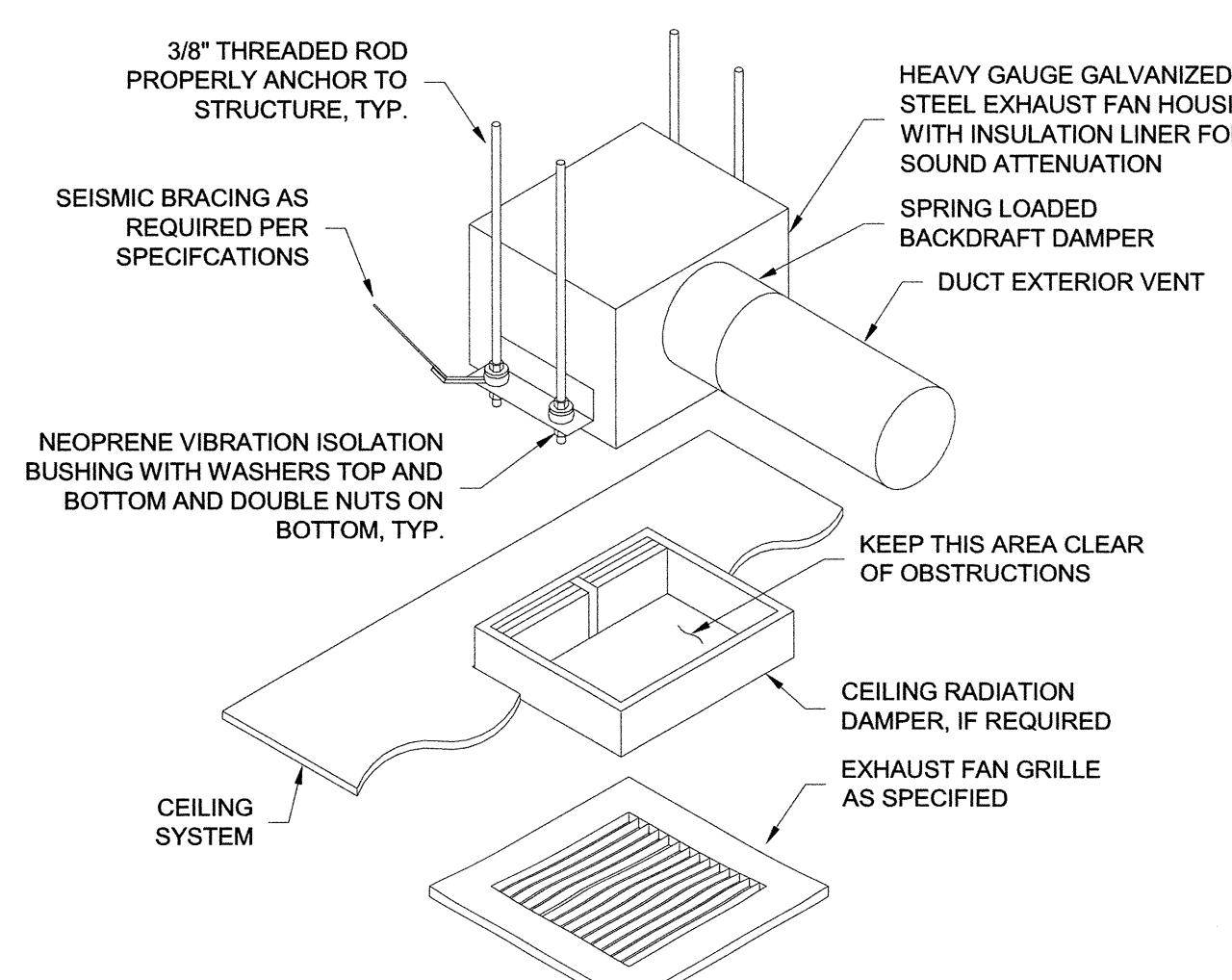
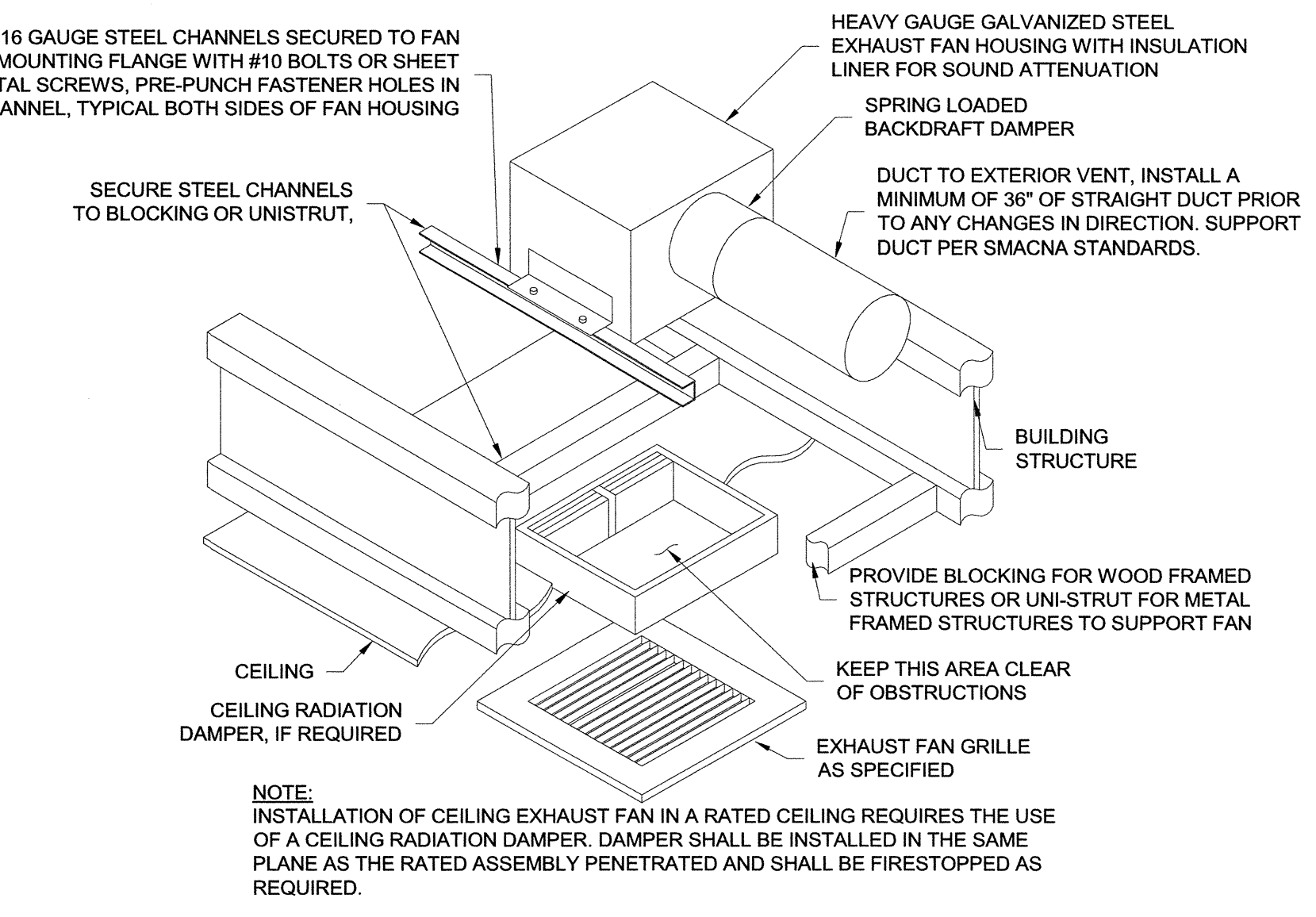
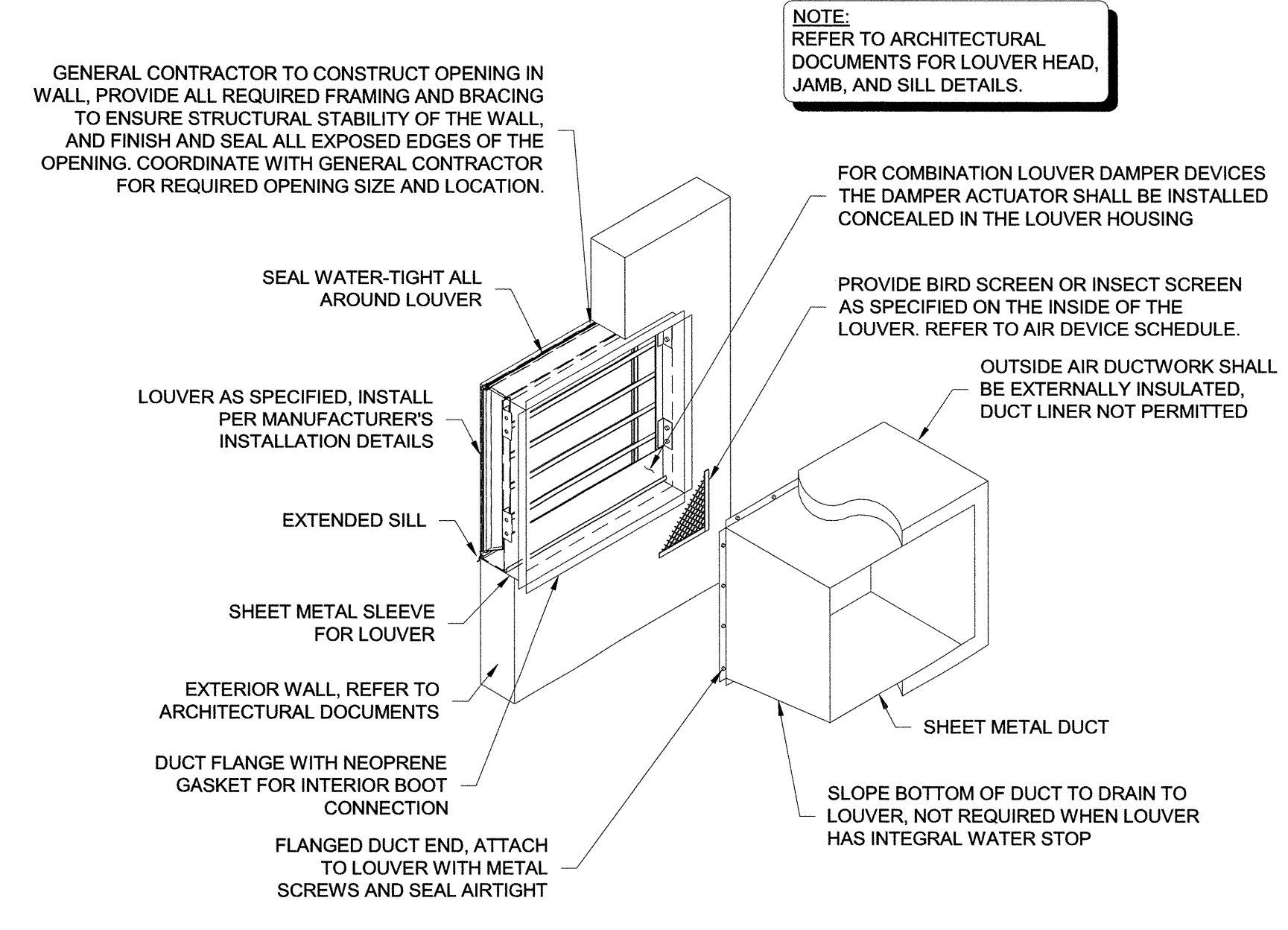
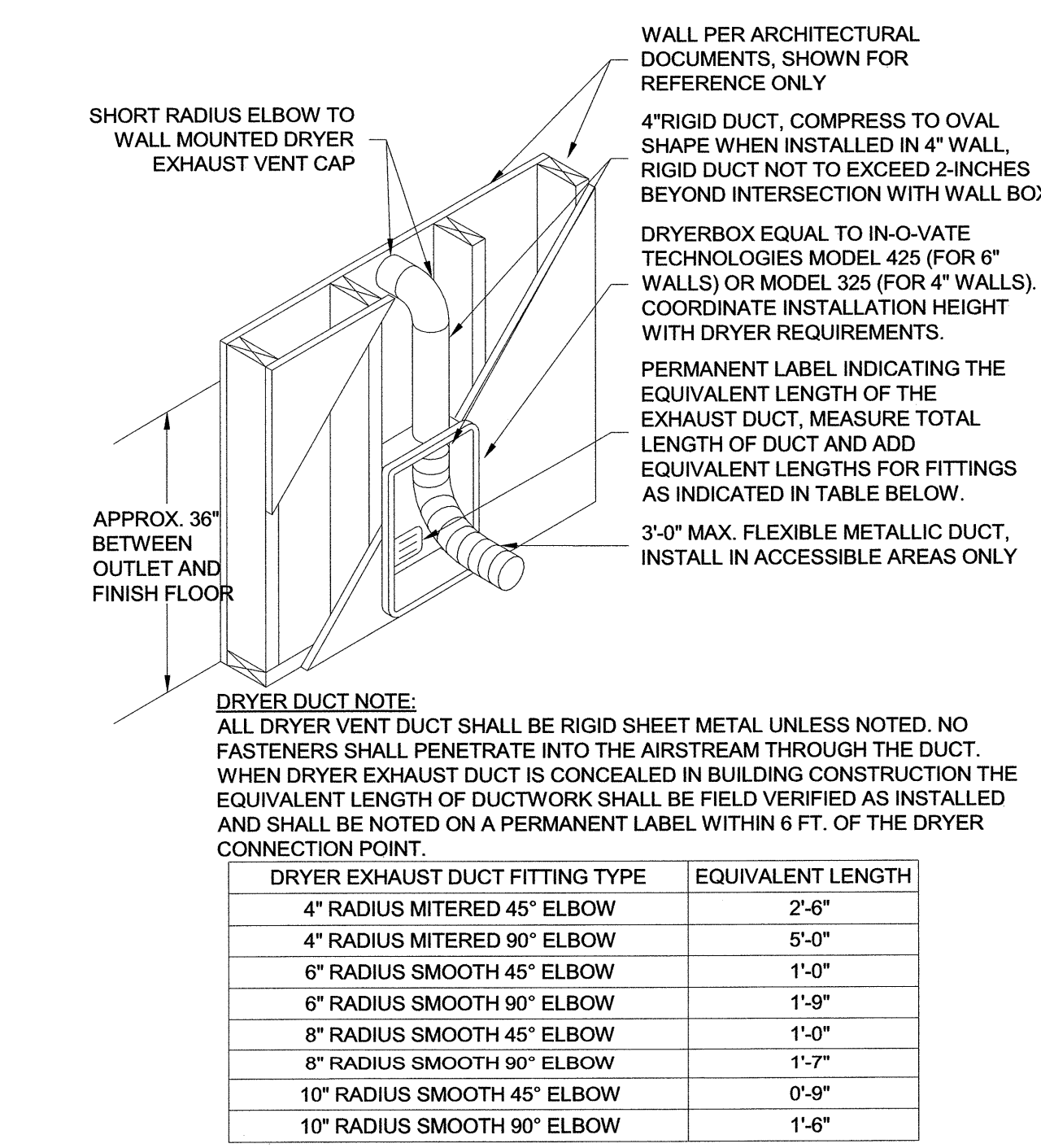
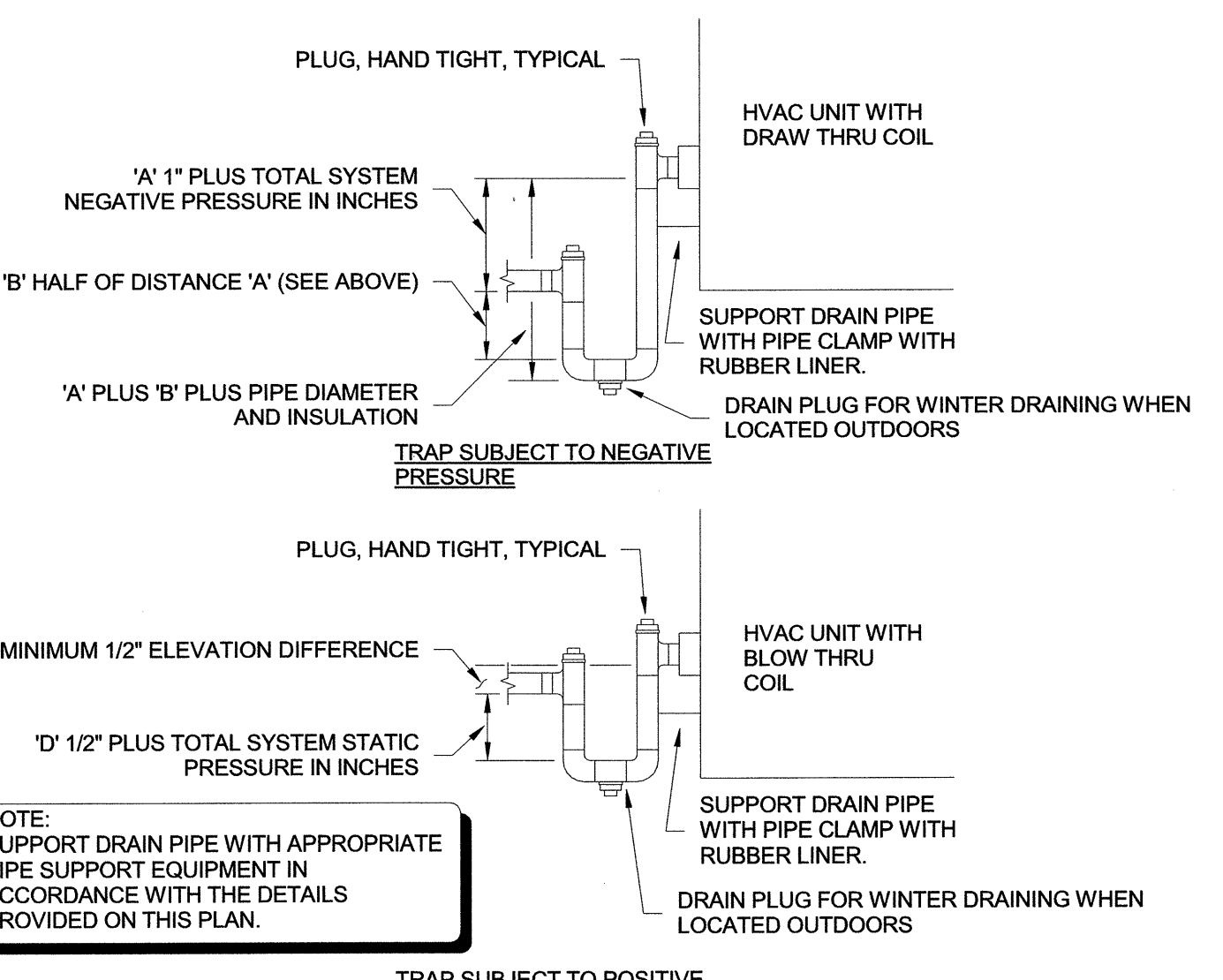
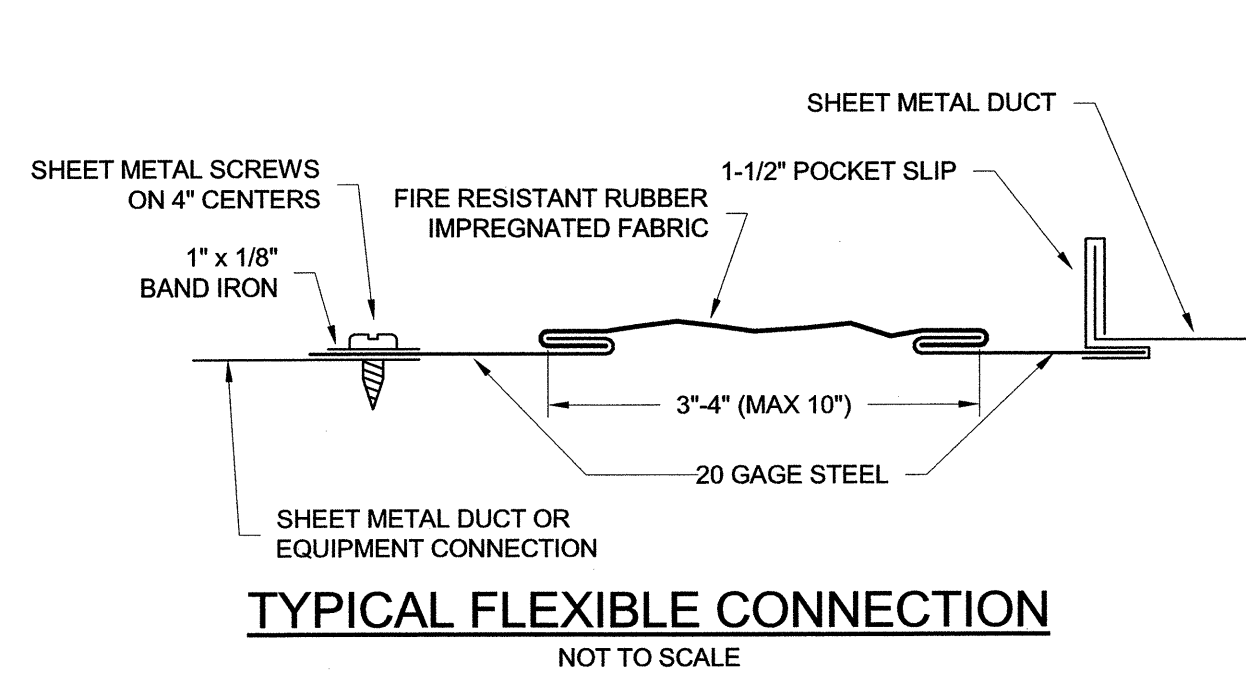
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Commission Number 14617 (SE 18-118)

M100

Date: July 12, 2019

EARLY HEAD START
CITY OF POCAHONTAS
Pocahontas, Arkansas



NOTE: REFER TO ARCHITECTURAL DOCUMENTS FOR LOUVER HEAD, JAMB, AND SILL DETAILS.

MARK	ITEM	MANUFACTURER	MODEL NO.	SPECIFICATIONS	REMARKS	OPERATING CONDITIONS
HVAC-1	PAD MOUNTED AIR CONDITIONER WITH MODULATING REHEAT AND NATURAL GAS HEAT SUPPLY FAN	AACN	RN-010-8-0-EB09-3L9	12.0 EER / 80% AFUE 14.0 IEER	NOTES: 1, 2, 3, 4, 5, 6, 7	SUMMER AMBIENT DB / WB (F) 100 / 78 WINTER AMBIENT DB (F) 0.0 SUPPLY AIR CFM 3000.0 OUTSIDE AIR CFM 1000.0 RETURN AIR CFM 2000.0 CLG COIL EAT DB / WB (F) 77.3 / 63.8 CLG COIL LAT DB / WB (F) 50.6 / 50.4 RHT COIL LAT DB (F) 74.0 HTG COIL EAT DB (F) 50.0 HTG COIL LAT DB (F) 101.8 CLG COIL TOTAL CAPACITY (MBH) 111.6 CLG COIL SENS. CAPACITY (MBH) 85.2 HTG COIL CAPACITY TOTAL (MBH) 188.0 RHT COIL CAPACITY (MBH) 76.0
	COMPRESSORS			3000 CFM @ 2.0" ESP 5 HP, 1888 RPM, VFD, 2.62 BHP		(1) MODULATING COMPRESSOR (1) ON/OFF COMPRESSOR
	GAS HEAT			MODULATING GAS HEAT 210 MBH INPUT / 168 MBH OUTPUT MAX		
	ELECTRICAL DATA			208 VOLT, 3-PHASE, 54 FLA, 61 MCA, 90 MOCP		
	CONTROLS	WATTMASTER	VCCX	INCLUDE TOUCH SCREEN CONTROL INTERFACE		TOTAL UNIT WEIGHT (LBS) 1409.0 SUMMER AMBIENT DB / WB (F) 95.4 / 79.4 WINTER AMBIENT DB (F) 15.8 SUPPLY AIR CFM 600.0 OUTSIDE AIR CFM 80.0 RETURN AIR CFM 520.0 CLG COIL TOTAL CAPACITY (MBH) 18.0 CLG COIL SENS. CAPACITY (MBH) 12.0 HTG COIL CAPACITY TOTAL (MBH) 41.0
HVAC-2.3	NATURAL GAS FIRED SYSTEM TO INCLUDE: TWO-STAGE NATURAL GAS FIRED FURNACE WITH VARIABLE SPEED BLOWER MOTOR	RHEEM / RUUD	R96VA0402317MSA	600 CFM @ .50" ESP 42.0 MBH HI INPUT/ 29.4 MBH LOW INPUT, 41.0 MBH HI OUTPUT / 1/2 HP, 96% AFUE, 8 MCA, 15 MOCP, 115V, 1-PH	NOTES: 10, 11	SUMMER AMBIENT DB / WB (F) 95.4 / 79.4 WINTER AMBIENT DB (F) 15.8 SUPPLY AIR CFM 600.0 OUTSIDE AIR CFM 80.0 RETURN AIR CFM 520.0 CLG COIL TOTAL CAPACITY (MBH) 18.0 CLG COIL SENS. CAPACITY (MBH) 12.0 HTG COIL CAPACITY TOTAL (MBH) 41.0
	CONDENSING UNIT 1.5-TON NOMINAL	RHEEM / RUUD	RA1618AJ1CA	18.0 MBH TOTAL, 12.0 MBH SENS., 16 SEER, 208 V, 1-PH, 12 MCA, 20 MOCP	W/ (4) 4" HIGH SUPPORT FEET, LOW AMBIENT KIT NOTES: 12, 13, 14	
	EVAPORATOR COIL	RHEEM / RUUD	RCF2417	24-HOUR, 7-DAY, PROGRAMMABLE THERMOSTAT CONTROL	W/ LOCKABLE COVER NOTES: 1, 15, 16, 17, 18	INDOOR UNIT WEIGHT (LBS.) 162 OUTDOOR UNIT WEIGHT (LBS.) 148
EF-1, 5	CEILING MOUNTED EXHAUST FAN	GREENHECK	SP-A190	150 CFM @ .25" S.P., 1.5 SONES, 115V, 1-PH 75 CFM @ .25" S.P., 23 WATTS, 886 RPM, 1.3 SONES, 115V, 1-PH	NOTES: 19, 20, 21, 22	WALL MOUNTED ON/OFF SWITCH BY ELEC CONTRACTOR
EF-2, 3, 4	CEILING MOUNTED EXHAUST FAN	GREENHECK	SP-A110	150 CFM @ .25" S.P., 1.5 SONES, 115V, 1-PH	NOTES: 19, 20, 22, 23	FACTORY INSTALLED OCCUPANCY SENSOR CONTROL IN CEILING GRILLE
EF-6, 7	CEILING MOUNTED EXHAUST FAN	GREENHECK	SP-A190	150 CFM @ .25" S.P., 1.5 SONES, 115V, 1-PH	NOTES: 19, 20, 22, 23	INTERLOCK WITH VENTILATION SCHEDULE FOR HVAC-3
TF-1	WALL MOUNTED ROOM-TO-ROOM AIR TRANSFER FAN	TJERNLUND	AS1	1800 RPM, 1.15 SONES 25 WATTS, 120V, 1-PH	NOTES: 24, 25	CONTINUOUS OPERATION
L-1	WALL LOUVER	GREENHECK	ESD-202	16" x 16"	NOTES: 8, 9	FREE AREA (SQ. FT.) 0.5

HVAC EQUIPMENT NOTES:

- CONTROL SYSTEM SHALL BE INSTALLED W/ SHIELDED CABLE INSTALLED IN EMT CONDUIT PER ELECTRICAL SPECIFICATIONS AND SHALL BE RUN CONCEALED WITHIN WALLS AND CEILING SPACE.
- UNIT SHALL INCLUDE A ONE (1) YEAR PARTS AND LABOR WARRANTY FOR THE UNIT. THE COMPRESSOR SHALL INCLUDE A WARRANTY FOR NOT LESS THAN FIVE (5) YEARS.
- UNIT SHALL INCLUDE A WIRED DIGITAL REMOTE THERMOSTAT CONFIGURED PER THE OWNER'S REQUIREMENTS.
- POWER SUPPLY SHALL BE AS SHOWN IN SCHEDULE WITH 24 VOLT LOW VOLTAGE CONTROL. POWER FEEDER SHALL BE SINGLE POINT CONNECTION. UNIT SHALL INCLUDE STEPDOWN TRANSFORMER TO POWER ALL 24V CONTROLS FOR THIS UNIT.
- MECHANICAL CONTRACTOR SHALL INSTALL CONTROL CONDUIT AND WIRING. ELECTRICAL CONTRACTOR SHALL FURNISH AND INSTALL ALL CONDUIT AND WIRING FOR HVAC UNIT POWER CIRCUITS.
- UNIT SHALL INCLUDE FIELD FABRICATED PAD MOUNTED SUPPORT STAND TO RAISE THE UNIT A MINIMUM OF 32-INCHES ABOVE THE EQUIPMENT MOUNTING PAD.
- UNIT SHALL INCLUDE THE FOLLOWING:
 - FACTORY ASSEMBLED, PIPED, WIRED AND TESTED AS A SINGLE PACKAGE
 - UNIT SHALL INCLUDE AN ECONOMIZER WITH BAROMETRIC RELIEF.
 - UNIT SHALL INCLUDE A COMPRESSOR CIRCUITS WITH MINIMUM 6 ROW INTERLACED-CIRCUIT DX COIL, LEAD COMPRESSOR SHALL BE MODULATING CAPACITY, LAG COMPRESSOR SHALL BE ON/OFF. (HORIZONTAL SPLIT FACE COIL, NOT ACCEPTABLE)
 - UNIT SHALL INCLUDE MODULATING NATURAL GAS HEATING WITH 304 SERIES STAINLESS STEEL HEAT EXCHANGER WITH A 25 YEAR WARRANTY (PARTS ONLY)
 - UNIT SHALL INCLUDE MODULATING HOT GAS REHEAT COIL FOR DEHUMIDIFICATION (2-POSITION OR DEDICATED HEAT PUMP CIRCUIT NOT ACCEPTABLE)
 - UNIT SHALL INCLUDE SIGHT GLASS AND STAINLESS STEEL DRAIN PAN
 - UNIT SHALL INCLUDE MANUAL RESET HIGH PRESSURE SWITCHES & AUTO RESET LOW PRESSURE SWITCHES
 - UNIT SHALL INCLUDE ECM CONDENSER FAN MOTORS FOR CONDENSER HEAD PRESSURE CONTROL
 - UNIT SHALL INCLUDE 2" MERV 11 FILTERS
 - 2" FOAM INJECTED INSULATED (MINIMUM R13 VALUE) DOUBLEWALL CABINET CONSTRUCTION
 - RETURN AIR SMOKE DETECTOR (FURNISHED BY FIRE ALARM CONTRACTOR)
 - UNIT SHALL BE AHRI LISTED AND CERTIFIED (COIL ONLY CERTIFICATION IS NOT ACCEPTABLE)
 - UNIT SHALL INCLUDE INTEGRAL NON-FUSED DISCONNECT
 - HINGED ACCESS PANELS
 - CONDENSER COIL HAIL GUARDS
 - SUPPLY FAN VARIABLE FREQUENCY DRIVE
 - CONTROLS: WATTMASTER OR VCCX CONTROLLER WITH SYSTEM MANAGER TOUCH SCREEN CONTROL INTERFACE AND AMBIENT DEWPOINT SENSOR; ELECTRONIC SEQUENCING OF COMPRESSORS AND HEATING AND MODULATING HOT GAS RE-HEATING. FIELD MOUNTED CONTROLS SHALL INCLUDE A DUCT MOUNTED LEAVING AIR STAT. ALL UNIT MOUNTED CONTROLS FOR COMPLETE OPERATION SHALL BE INSTALLED BY THE EQUIPMENT MANUFACTURER
 - UNIT SHALL INCLUDE SYSTEM STARTUP. STARTUP SHALL BE PERFORMED BY A MANUFACTURER CERTIFIED REPRESENTATIVE.
 - LOUVER SHALL INCLUDE ALUMINUM BIRDSCREEN.
 - ALL EXPOSED MATERIALS SHALL INCLUDE FACTORY 3-COAT KYNAR FINISH. VERIFY COLOR WITH ARCHITECT FROM MANUFACTURER'S STANDARD COLOR CHART.
 - FURNACE SHALL BE FURNISHED WITH A TRANSFORMER TO PROVIDE 24 VOLT POWER FOR ALL CONTROLS FOR THE SYSTEM.
 - FURNACE SHALL INCLUDE A BOTTOM MOUNT RETURN AIR FILTER RACK (UNLESS OTHERWISE NOTED) WITH 30% PLEATED WITH A HINGED ACCESS DOOR. THE BLOWER COMPARTMENT SHALL BE INSULATED AND INCLUDE A DOOR SAFETY SWITCH.
- THE CONDENSING UNITS SHALL INCLUDE THE FOLLOWING ITEMS:
 - RUBBER OR PLASTIC 4" HIGH SUPPORT FEET.
 - CRANKCASE HEATER.
 - LOW PRESSURE SWITCH WITH AUTO RESET TO CYCLE COMPRESSOR OFF IF REFRIGERANT PRESSURE DROPS TO UNSAFE OPERATING CONDITIONS.
 - HIGH PRESSURE SWITCH WITH MANUAL RESET TO CYCLE COMPRESSOR OFF IF REFRIGERANT PRESSURE RISES TO UNSAFE OPERATING CONDITIONS.
 - COMPRESSOR HARD START KIT.
 - FULLY LOUVERED CONDENSER COIL GUARDS.
- REFRIGERANT PIPING SHALL BE SIZED FOR EACH OUTDOOR UNIT AND EVAPORATOR AS REQUIRED BY THE MANUFACTURER. THE REFRIGERANT PIPING SHALL INCLUDE A SEALED TYPE LIQUID LINE FILTER-DRIER AND A SEALED TYPE SUCTION HOSE FILTER DRIER. THESE MATERIALS SHALL BE FURNISHED AND INSTALLED BY THE MECHANICAL CONTRACTOR.
- REFRIGERANT PIPING SHALL BE TYPE "L" COPPER WITH BRAZED JOINTS. INSULATE PIPING WITH UV RATED 1/2" THICK ELASTOMERIC CLOSED CELL INSULATION. THESE MATERIALS SHALL BE FURNISHED AND INSTALLED BY THE MECHANICAL CONTRACTOR.
- THE THERMOSTAT IS TO BE CONFIGURED FOR THE NUMBER OF HEATING AND COOLING STAGES RESPECTIVE TO UNIT SERVED.
- CONFIGURE AND PROGRAM THE THERMOSTAT PER THE OWNER'S REQUIREMENTS.
- THE CONTROL SYSTEM SHALL BE CAPABLE OF OPERATING THE SYSTEM IN DEHUMIDIFICATION MODE BASED ON SPACE RELATIVE HUMIDITY USING A LIMITED UNDER-COOLING SETPOINT OR A DEDICATED WHOLE-HOUSE DEHUMIDIFIER.
- THE CONTROLS SHALL ALSO BE CAPABLE OF OPENING/CLOSING A CONTROL DAMPER USING A 24-VAC SIGNAL. THIS CAN BE ACCOMPLISHED WITH THE THERMOSTAT, DEPENDING ON THE DEHUMIDIFICATION SETTINGS USED, OR WITH THE USE OF AN AIR-CYCLER G2 VENTILATION CONTROLLER INTERCONNECTED WITH THE THERMOSTAT AND THE FURNACE CONTROLS.
- UNIT SHALL BE UL LISTED WITH THERMAL OVERLOAD. FACTORY INSTALLED DISCONNECT SWITCH.
- MOTOR SHALL INCLUDE PERMANENTLY LUBRICATED, SEALED BALL BEARINGS.
- UNIT SHALL BE CONTROLLED BY ON/OFF SWITCH FURNISHED AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
- UNIT SHALL INCLUDE A WHITE ALUMINUM CEILING GRILLE, INSULATED HOUSING, AUTOMATIC BACKDRAFT DAMPER, AND AN INTERNALLY MOUNTED FAN SPEED CONTROLLER.
- UNIT SHALL INCLUDE GRILLE MOUNTED OCCUPANCY SENSOR. GRILLE SHALL BE PERMITTED TO BE OTHER THAN WHITE ALUMINUM GRILLE AS REQUIRED FOR THE FACTORY INSTALLED OCCUPANCY SENSOR.
- UNIT SHALL MOVE AIR USING A VIBRATION ISOLATED, CROSS-FLOW BLOWER AND SHALL INCLUDE INLET GRILLE AND OUTLET DIFFUSER. DIFFUSER SHALL BE EQUIPPED WITH A TURNING VANE. DEVICE SHALL HAVE A SOUND LEVEL NO GREATER THAN 1.5 SONES. POWER CONSUMPTION OF DEVICE SHALL BE NO GREATER THAN 30 WATTS. DEVICE SHALL HAVE NO POWER CORD EXPOSED OUTSIDE THE WALL IN WHICH IT IS INSTALLED.
- UNIT SHALL BE CONFIGURED FOR CONTINUOUS OPERATION.

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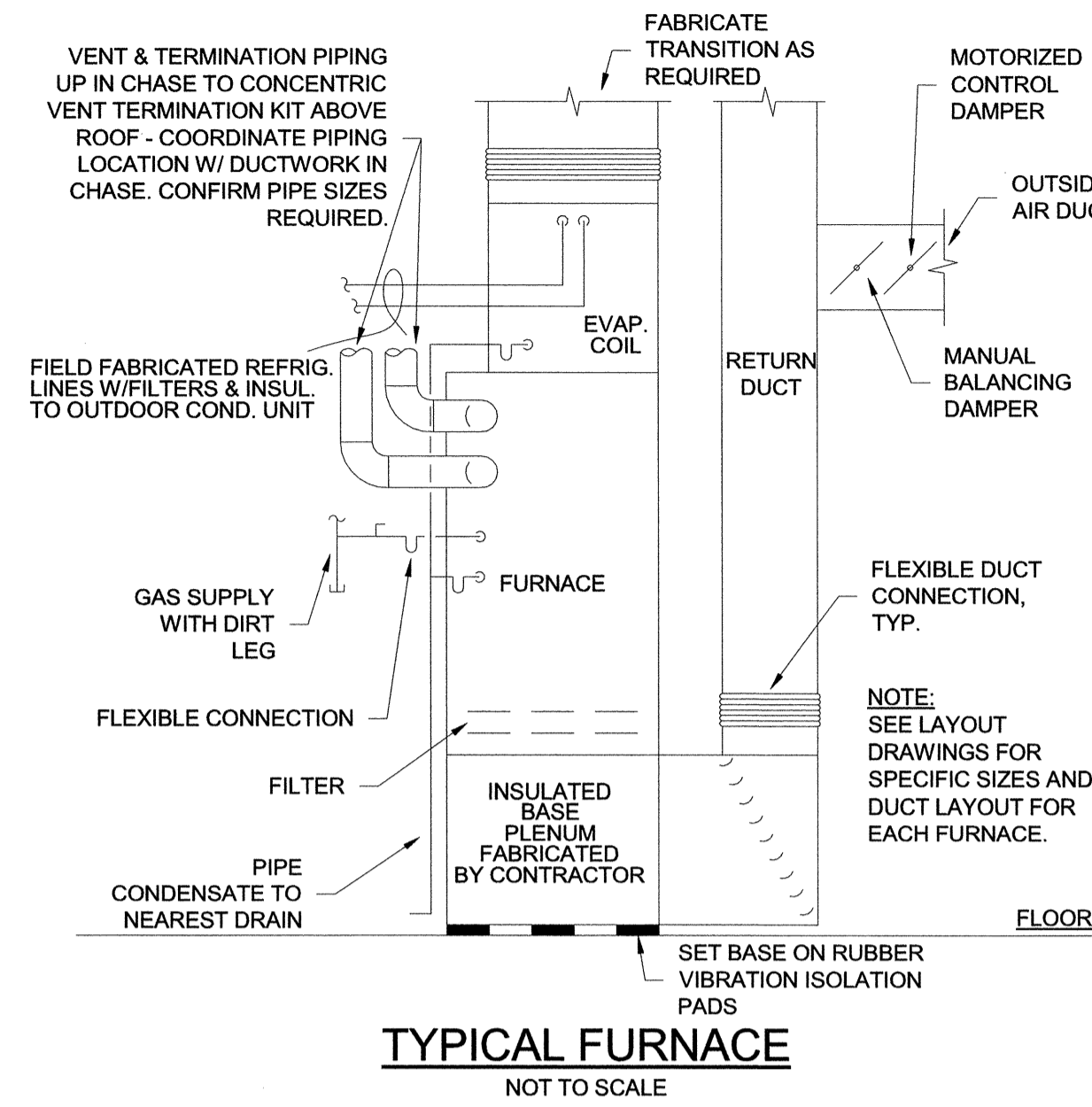
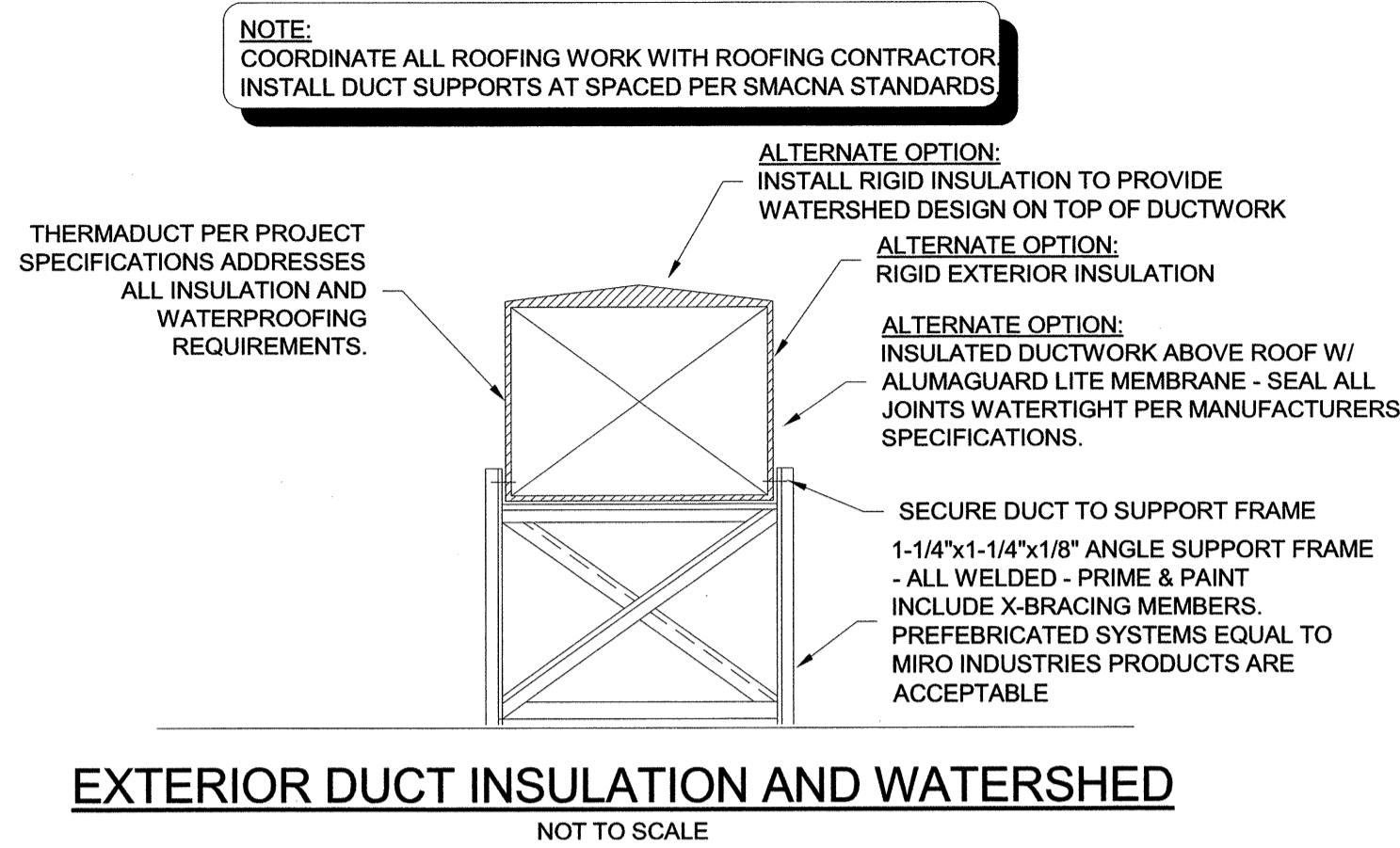
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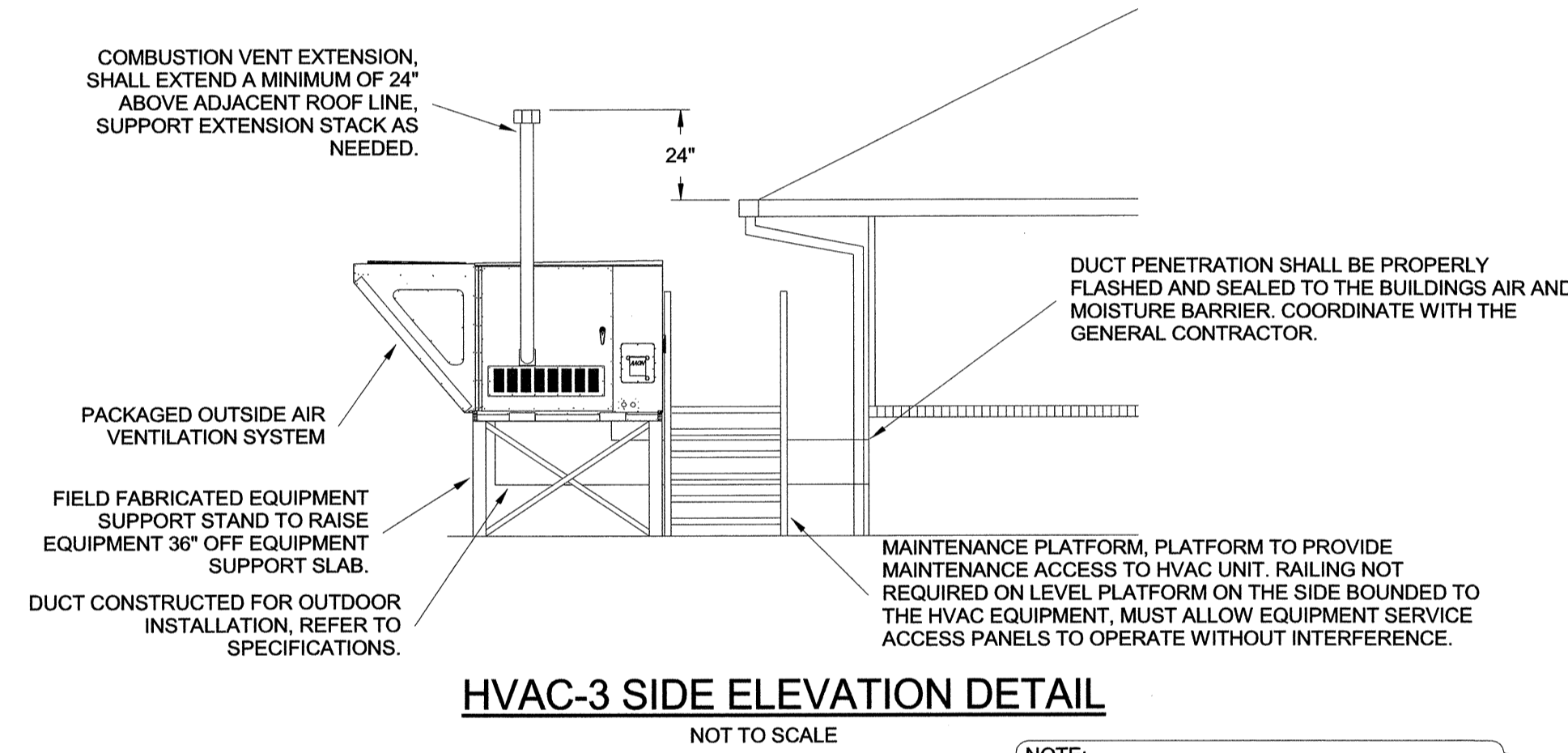
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SCHEDULES AND DETAILS



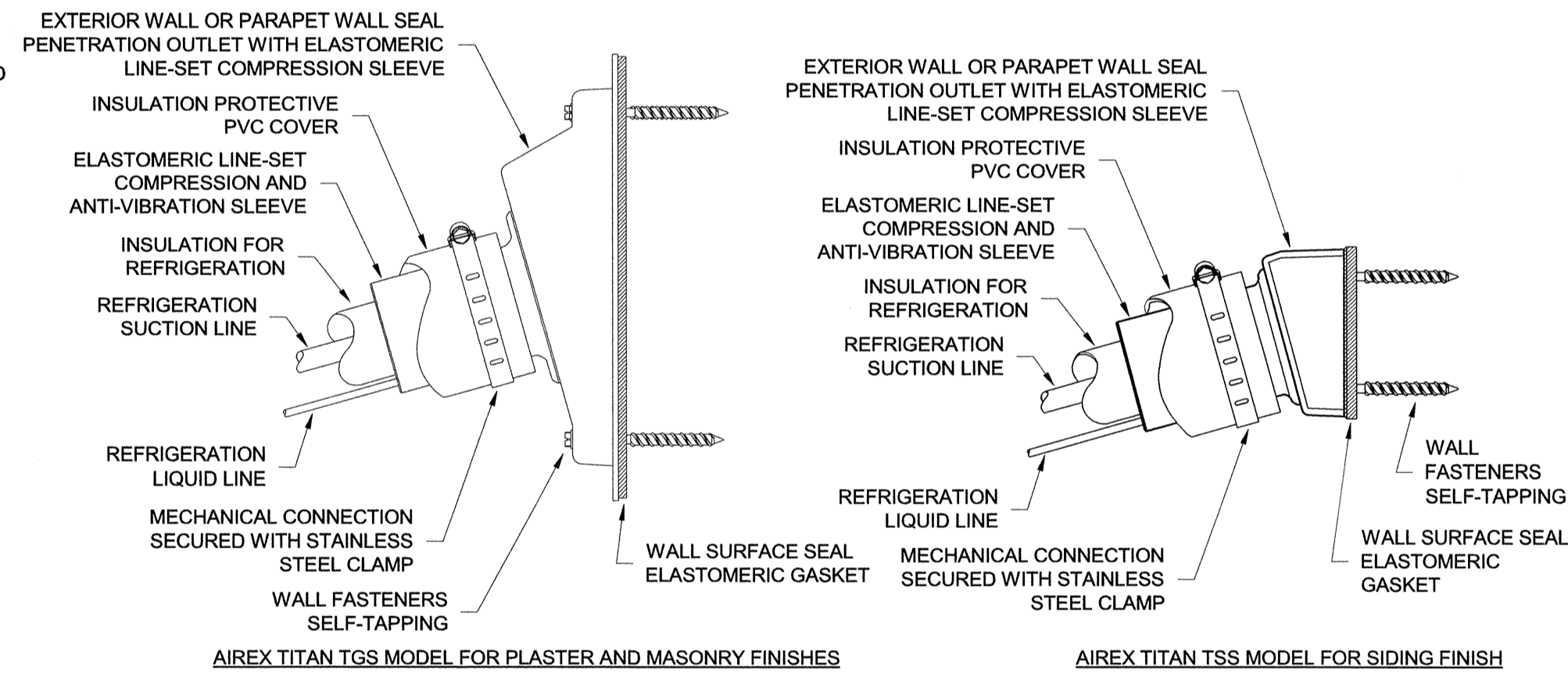
AIR DEVICE SCHEDULE						
MARK	DESCRIPTION	MANUFACTURER	MODEL	FACE SIZE	NECK SIZE	FINISH COLOR
A1	GRID MOUNTED ALUMINUM SUPPLY DIFFUSER WITH ROUND NECK AND ALUMINUM DAMPER	METALAIRE	5500-6	2'-0" x 2'-0"	6"ø	WHITE
A2	GRID MOUNTED ALUMINUM SUPPLY DIFFUSER WITH ROUND NECK AND ALUMINUM DAMPER	METALAIRE	5500-6	2'-0" x 2'-0"	8"ø	WHITE
A3	GRID MOUNTED ALUMINUM SUPPLY DIFFUSER WITH ROUND NECK AND ALUMINUM DAMPER	METALAIRE	5500-6	2'-0" x 2'-0"	10"ø	WHITE
A4	SURFACE MOUNTED ALUMINUM DOUBLE DEFLECTION SUPPLY GRILLE WITH ALUMINUM DAMPER	METALAIRE	VHD-1	0'-8" x 0'-6"	6"x4"	WHITE
A5	SURFACE MOUNTED ALUMINUM DOUBLE DEFLECTION SUPPLY GRILLE WITH ALUMINUM DAMPER	METALAIRE	VHD-1	0'-10" x 0'-8"	8"x6"	WHITE
A6	SURFACE MOUNTED ALUMINUM CUBE CORE (1/2"x1/2"x1/2") RETURN GRILLE WITH ALUMINUM DAMPER	METALAIRE	CC5-1	0'-10" x 0'-10"	8"x8"	WHITE
A7	GRID MOUNTED ALUMINUM CUBE CORE (1/2"x1/2"x1/2") RETURN GRILLE WITH ALUMINUM DAMPER	METALAIRE	CC5-6	2'-0" x 2'-0"	8"x8"	WHITE
A8	GRID MOUNTED ALUMINUM CUBE CORE (1/2"x1/2"x1/2") RETURN GRILLE WITH ALUMINUM DAMPER	METALAIRE	CC5-6	2'-0" x 2'-0"	10"x10"	WHITE
A9	GRID MOUNTED ALUMINUM CUBE CORE (1/2"x1/2"x1/2") RETURN GRILLE WITH ALUMINUM DAMPER	METALAIRE	CC5-6	2'-0" x 2'-0"	12"x12"	WHITE
A10	GRID MOUNTED ALUMINUM CUBE CORE (1/2"x1/2"x1/2") RETURN GRILLE WITH ALUMINUM DAMPER	METALAIRE	CC5-6	2'-0" x 2'-0"	14"x14"	WHITE

AIR DEVICE SCHEDULE NOTES:

- GRILLE SHALL BE FACTORY FINISHED WITH A WASHABLE ENAMEL PAINT. FIELD SPRAY ALL GALVANIZED SHEET METAL AND DAMPERS BEHIND GRILLE WHICH ARE EXPOSED TO SIGHT WITH FLAT BLACK ENAMEL PAINT.
- GRILLE SHALL INCLUDE AN ALUMINUM OPPOSED BLADE DAMPER. THE O.B. DAMPER SHALL BE FINISHED THE SAME AS GRILLE.
- ACCESS DOORS SHALL BE INSTALLED IN DUCTING TO PROVIDE ACCESS TO ALL FIRE DAMPERS, SMOKE DETECTORS, DUCT TEMPERATURE SENSORS, AND ANY OTHER ITEM INSTALLED INSIDE THE DUCTING. SIZE DOOR TO PROVIDE REQUIRED ACCESS. USE 'CAD' SERIES FOR SIZES UP TO 12"x12" AND 'HAD' SERIES FOR LARGER THAN 12"x12" ACCESS OPENINGS.

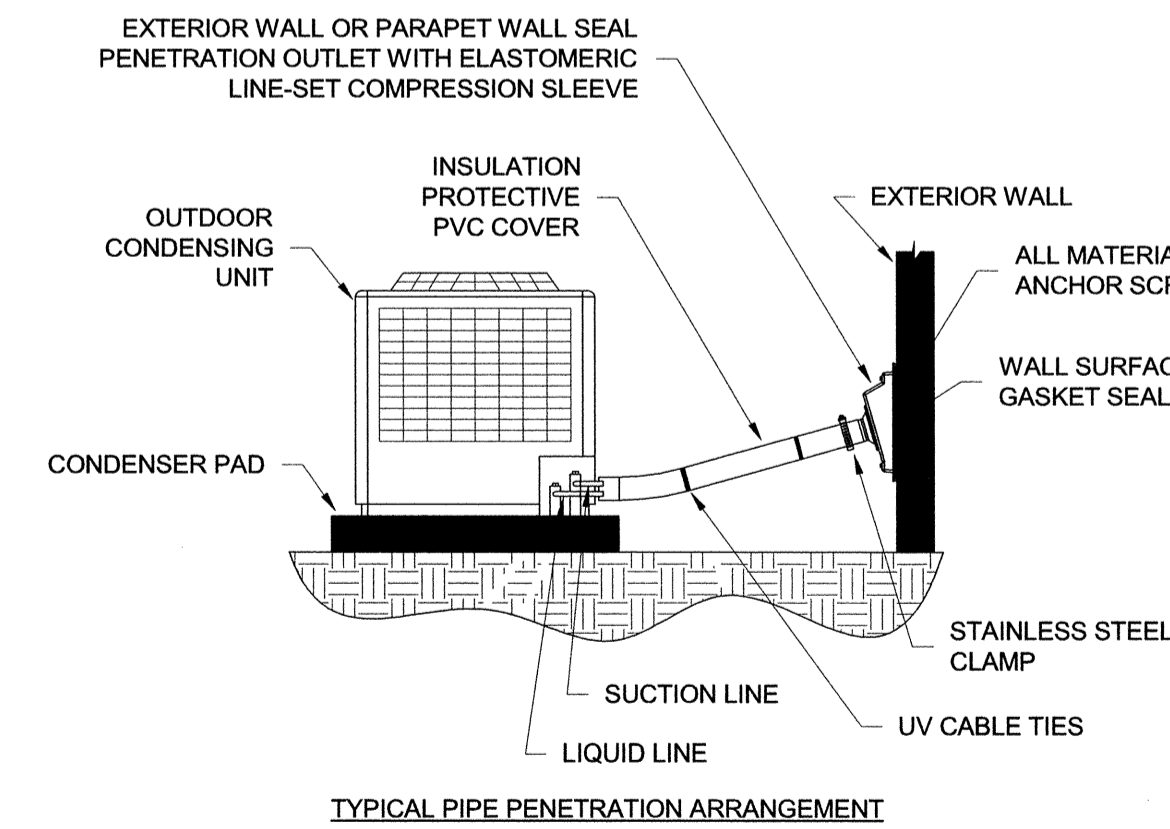
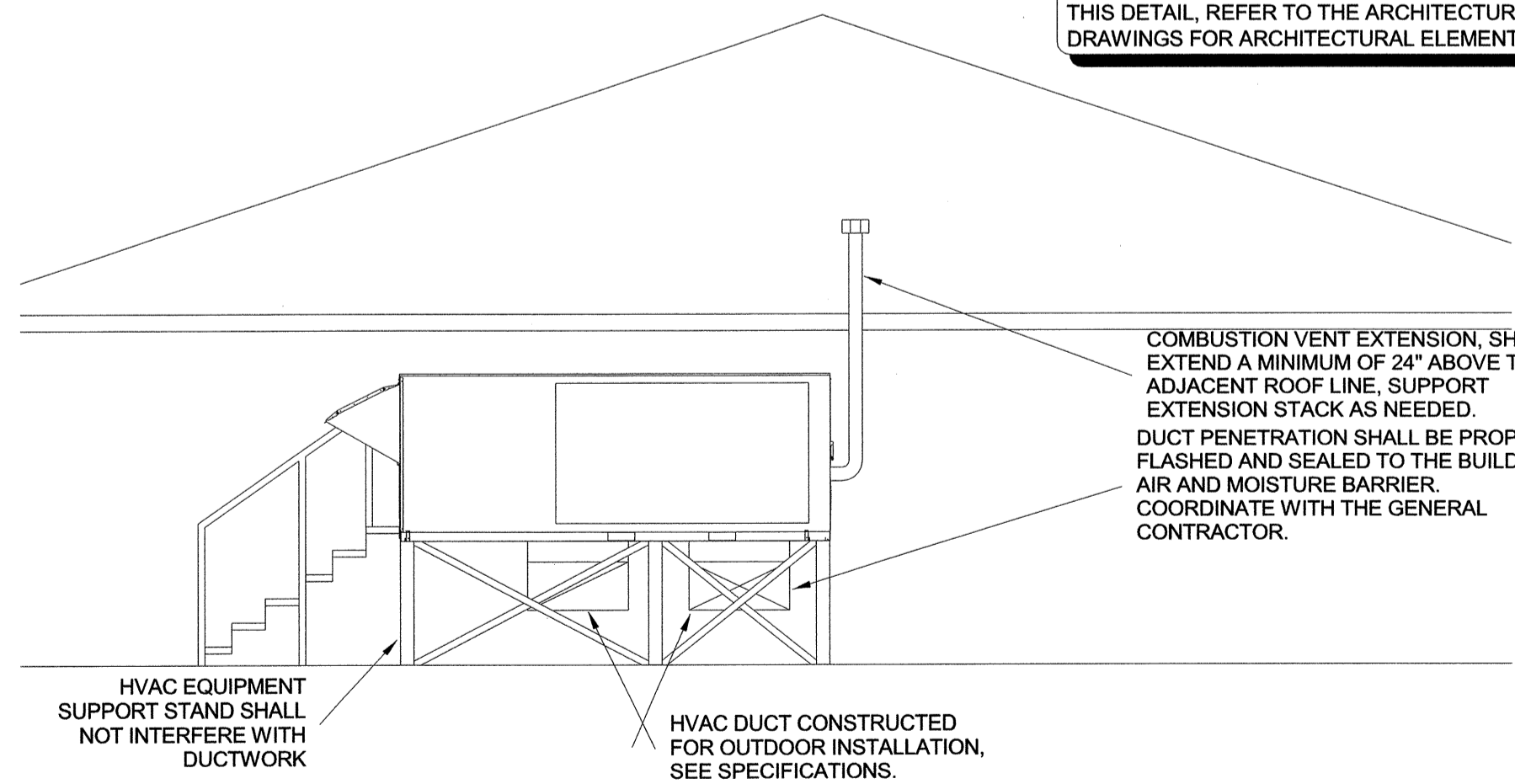
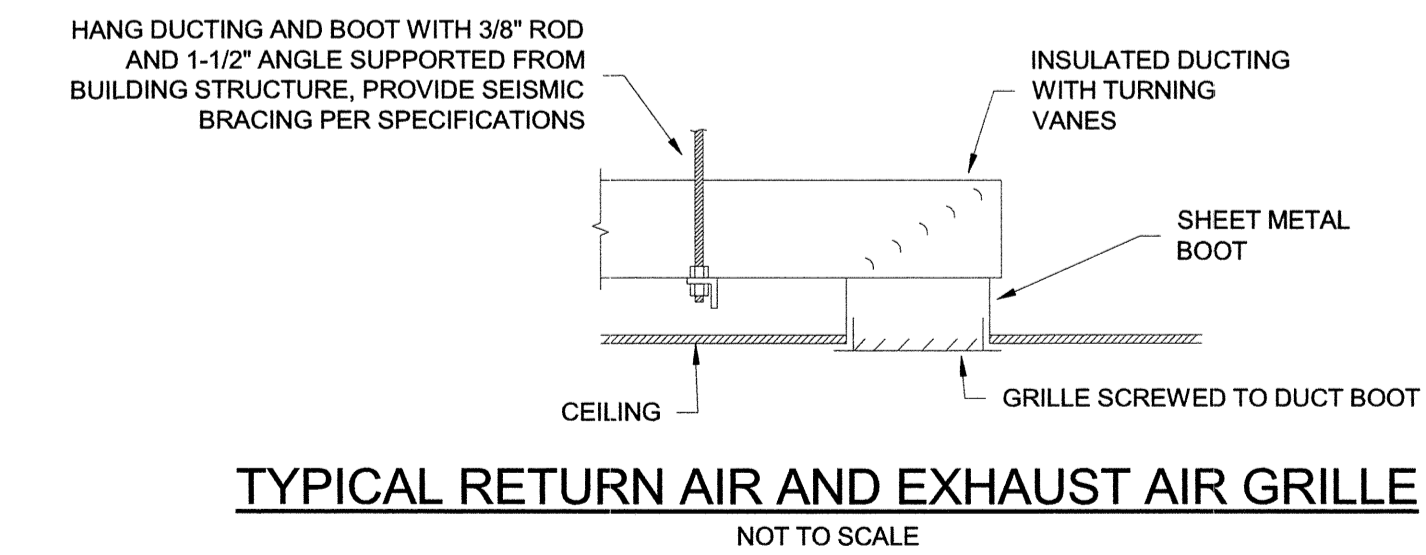
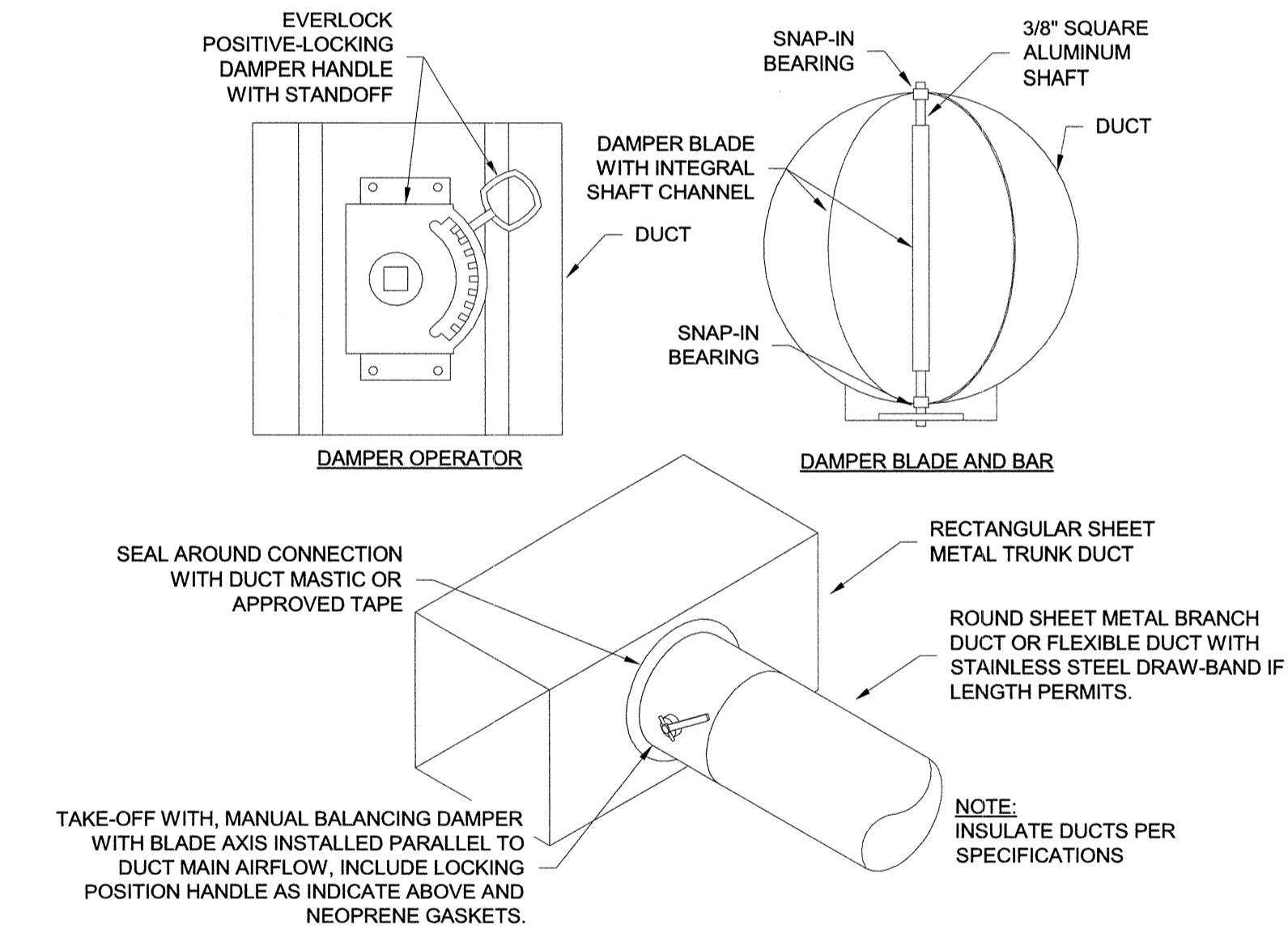


NOTE:
DETAIL IS GENERIC FOR THE INSTALLATION OF A GAS FIRED HEAT PACKAGED HVAC UNIT. BUILDING ELEMENT DETAILS MAY DIFFER FROM THIS DETAIL. REFER TO THE ARCHITECTURAL DRAWINGS FOR ARCHITECTURAL ELEMENTS



REFRIGERATION PIPE PENETRATION NOTES:

- REFRIGERATION PIPING WALL PENETRATIONS SHALL BE EQUAL TO AIREX TITAN OUTLET WITH E-FLEX GUARD
- INSTALL WALL PENETRATION ASSEMBLIES IN COMPLIANCE WITH THE MANUFACTURER'S INSTALLATION REQUIREMENTS.
- PROVIDE A SEPARATE WALL PENETRATION ASSEMBLY FOR EACH REFRIGERATION CIRCUIT FOR SYSTEMS WITH MORE THAN ONE REFRIGERATION CIRCUIT.



REFRIGERATION PIPE WALL PENETRATION
NOT TO SCALE

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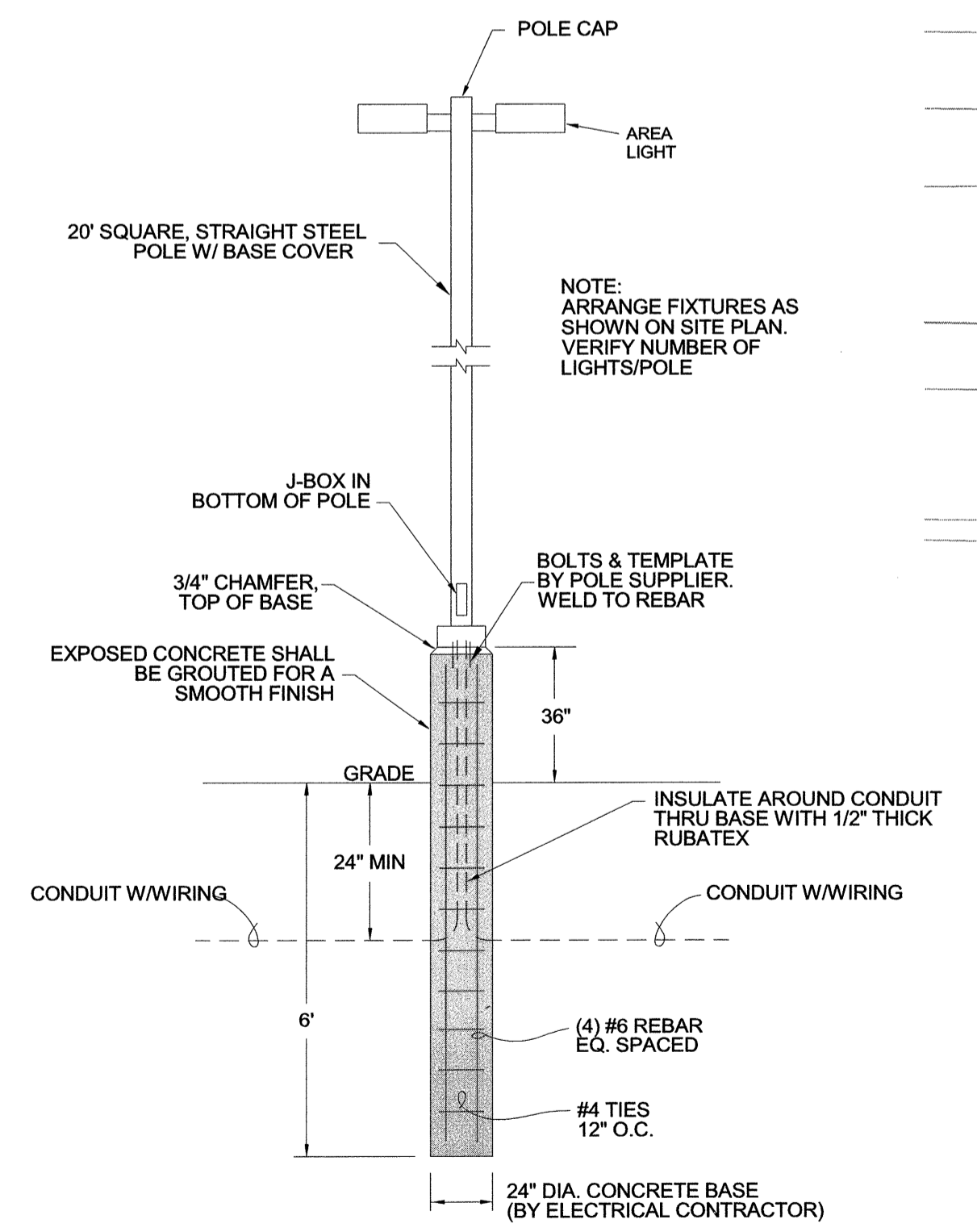
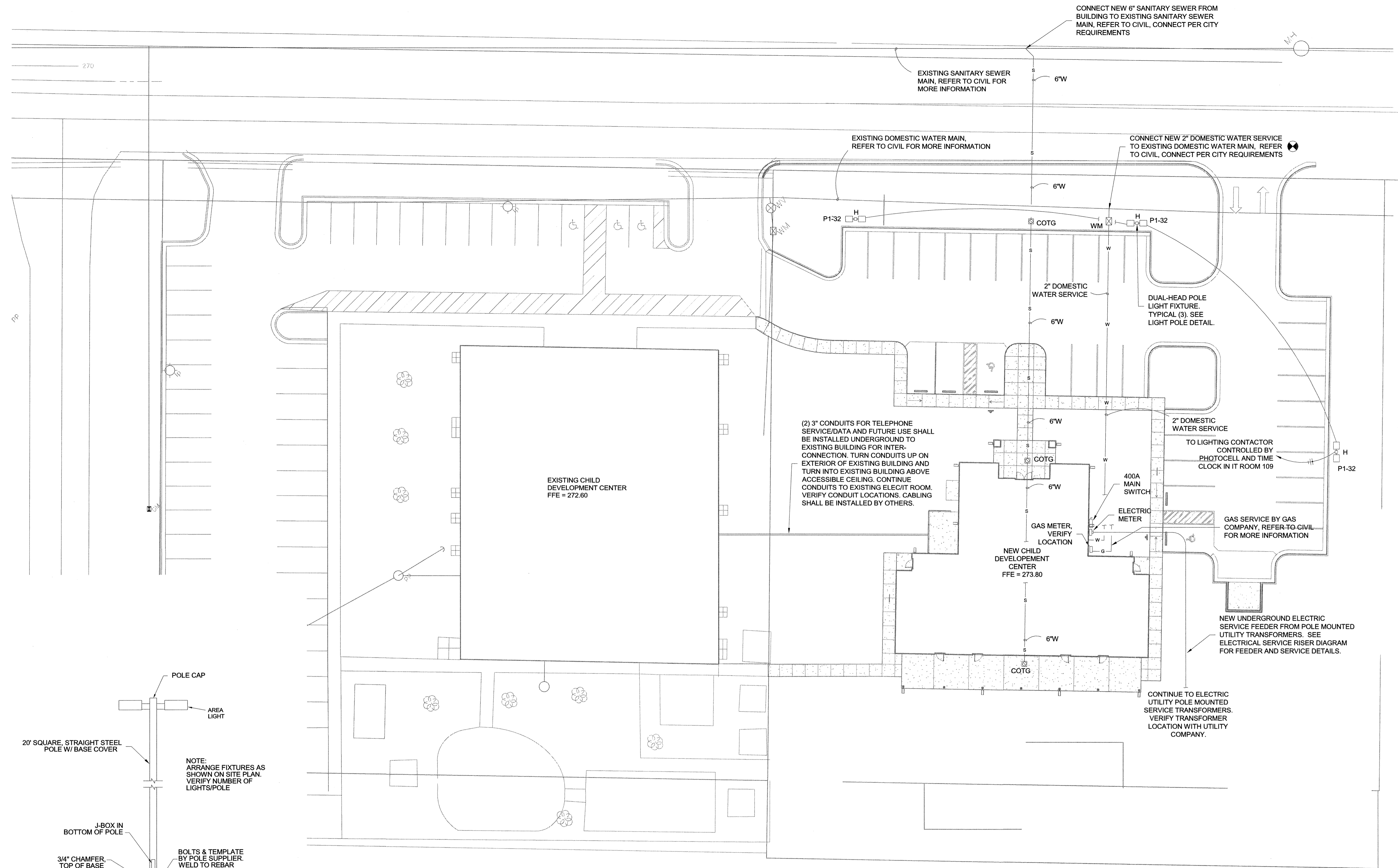
Commission Number
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M102

Date: July 12, 2019

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LIGHT POLE DETAIL
NOT TO SCALE

1 SITE UTILITY PLAN
1" = 20'

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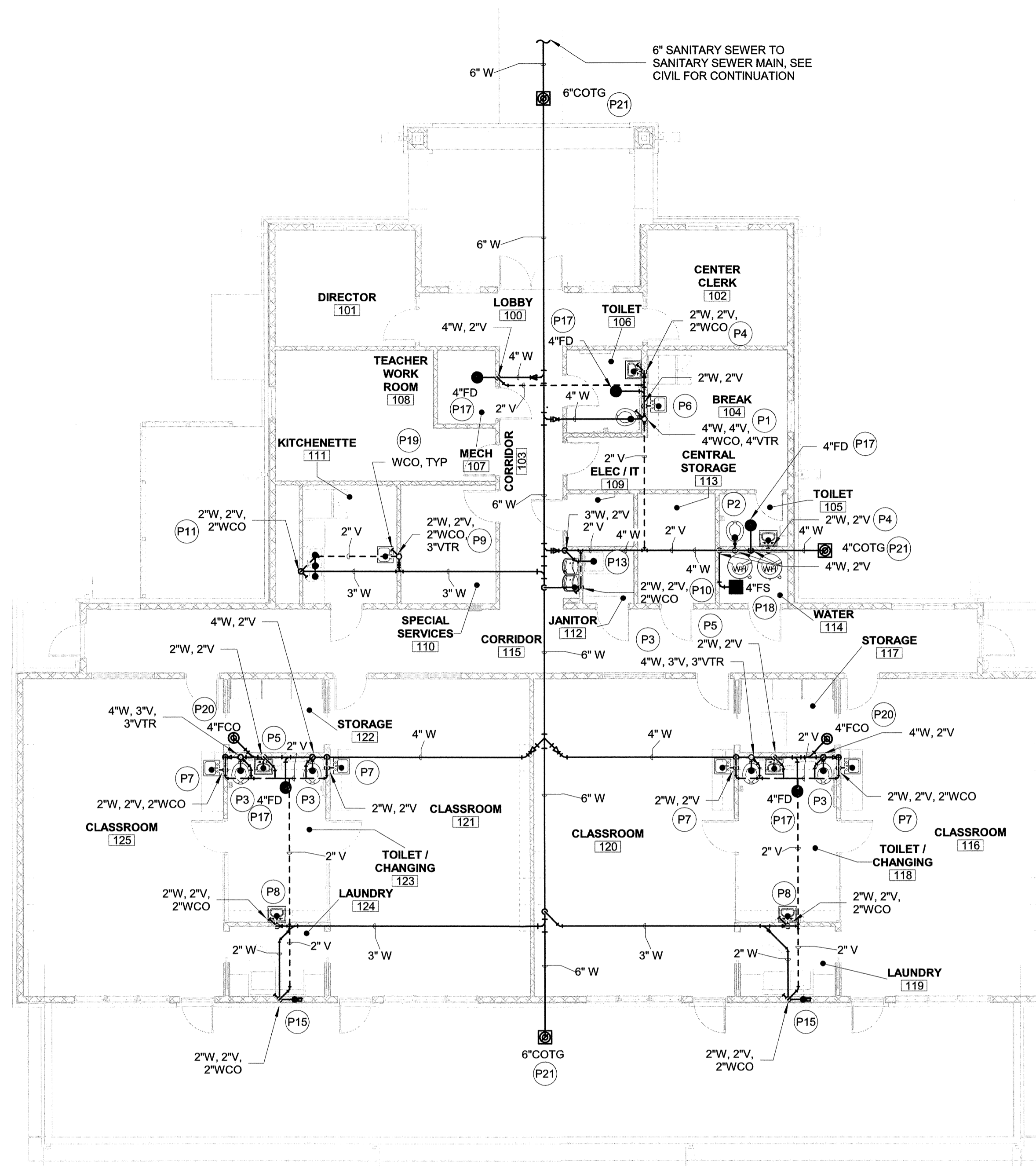
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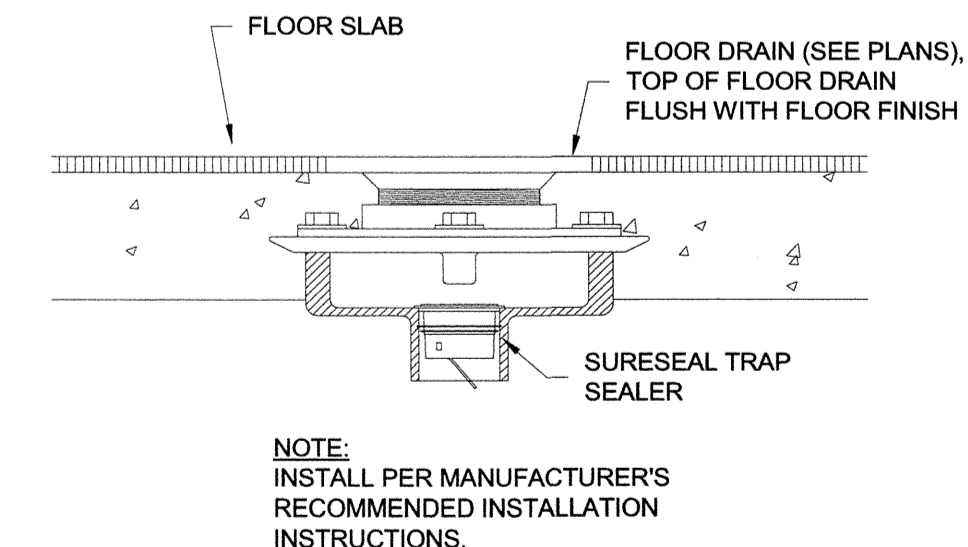
PLUMBING SYMBOLS

- G — GAS PIPING
- FW — FILTERED WATER PIPING
- 140 — 140°F HOT WATER
- W — WASTE, SOIL, LEADER PIPING
- - - - VENT PIPING
- C — COLD WATER PIPING
- H — HOT WATER PIPING
- - - - RECIRCULATED HOT WATER PIPING
- ST — STORM DRAIN PIPING
- FD — FLOOR DRAIN
- FCO — FLOOR CLEAN-OUT
- WCO — WALL CLEAN-OUT
- CO — CLEAN-OUT
- ☒ COTG — CLEAN-OUT TO GRADE
- ☒ FS — FLOOR SINK
- ▣ TPV — TRAP PRIMER VALVE
- ⊙ — ROOF DRAIN
- ⤴ — ELBOW TURNED UP
- ⤵ — ELBOW TURNED DOWN
- ⊗ — GATE VALVE
- ⊘ — BALL VALVE
- ⊕ — CHECK VALVE, FLOW MARKED
- U — UNION
- FPWH — FREEZE PROOF WATER HYDRANT
- E.W.C. — ELECTRIC WATER COOLER
- ◆ — BALANCING COCK
- — GAS COCK
- A.F.F. — ABOVE FINISHED FLOOR
- A.F.R. — ABOVE FINISHED ROOF
- ⊥ VTR — VENT-THRU-ROOF
- — POINT OF CONNECTION
NEW WORK TO EXISTING.

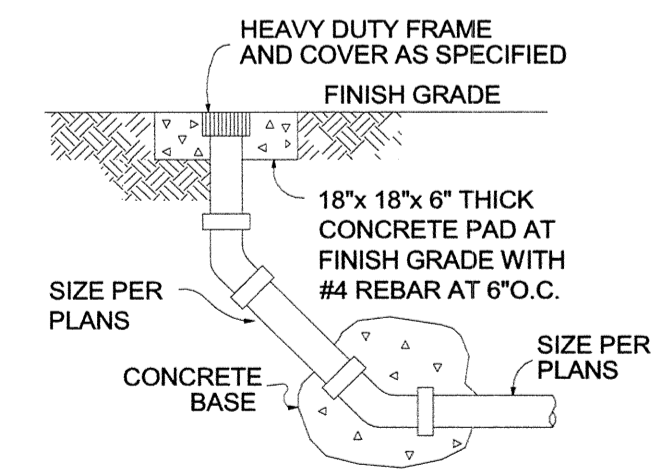


1 FIRST FLOOR PLAN - WASTE & VENT PIPING

1/8" = 1'-0"



FLOOR DRAIN TRAP SEALER DETAIL
NOT TO SCALE

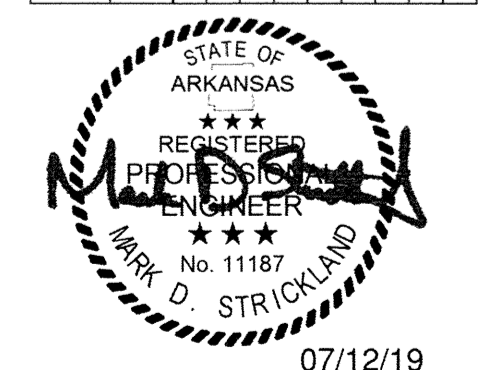


GRADE CLEANOUT DETAIL
NOT TO SCALE

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Pocahontas, Arkansas

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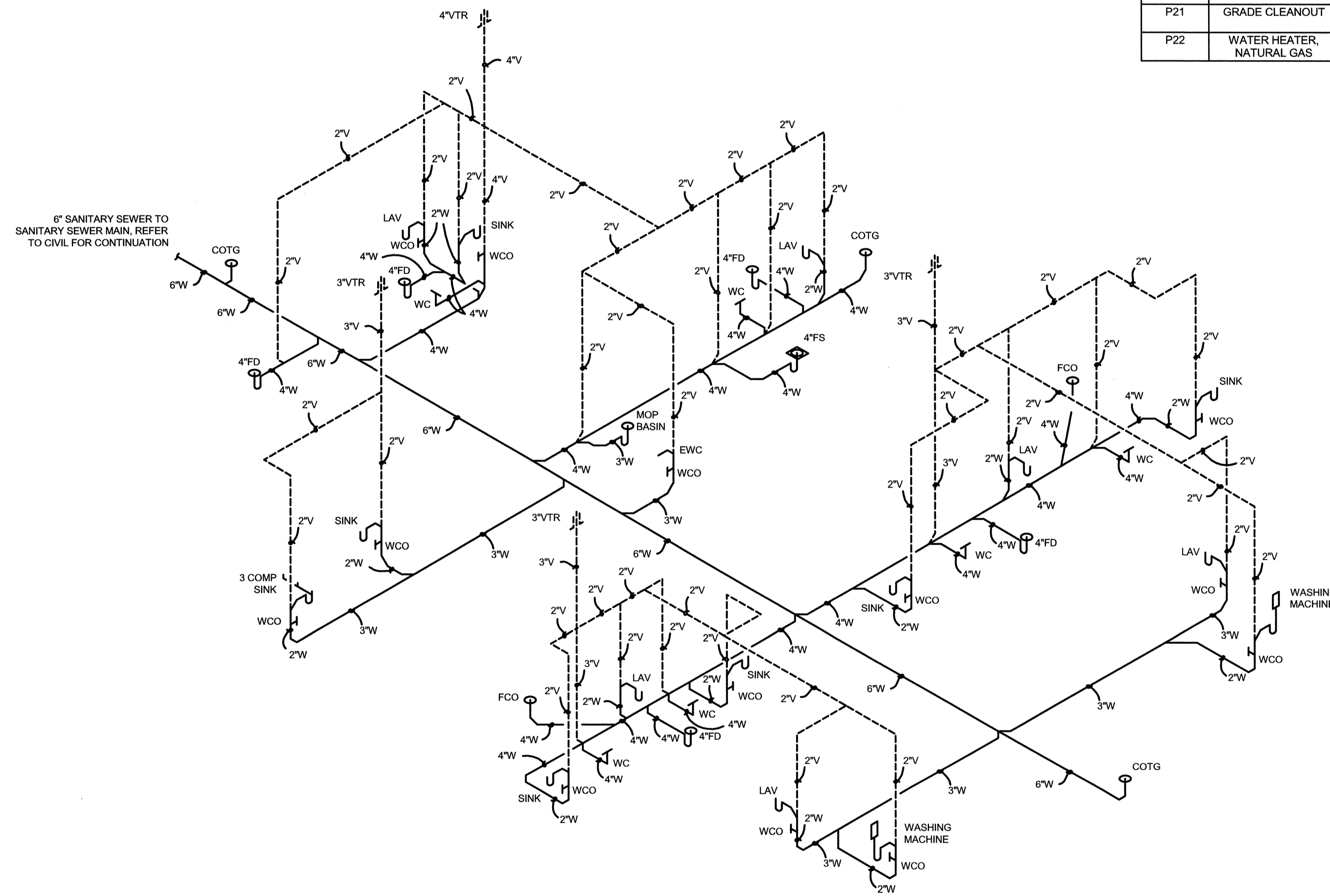
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PLUMBING FIXTURE SCHEDULE

MARK	DESCRIPTION	MANUFACTURER	MODEL NO.	WASTE PIPE	VENT PIPE	COLD WATER	HOT WATER	FITTING PACKAGE NO.
P1	WATER CLOSET, ADA	AMERICAN STANDARD	3043.001	4"	2"	1-1/4"	-	WC-3
P2	WATER CLOSET	AMERICAN STANDARD	3451.001	4"	2"	1-1/4"	-	WC-5
P3	CHILDREN'S FLOOR MOUNTED WATER CLOSET	AMERICAN STANDARD	2315.228	4"	2"	1/2"	-	WC-4
P4	LAVATORY WALL MOUNTED	AMERICAN STANDARD	0355.421	2"	2"	1/2"	1/2"	LAV-3
P5	LAVATORY WALL MOUNTED	AMERICAN STANDARD	0355.421	2"	2"	1/2"	1/2"	LAV-4
P6	COUNTER SINK	JUST MFG	SL-17519-AGR	2"	2"	1/2"	1/2"	SNK-1
P7	COUNTER SINK	JUST MFG	SL-17519-AGR	2"	2"	1/2"	1/2"	SNK-2
P8	LAVATORY WALL MOUNTED	AMERICAN STANDARD	0355.421	2"	2"	1/2"	1/2"	LAV-2
P9	KITCHEN COUNTER SINK	JUST MFG	SL-2125-A-GR	2"	2"	1/2"	1/2"	SNK-8
P10	ELECTRIC WATER COOLER	ELKAY	LZSTL8WSVRSK	2"	2"	1/2"	-	EW-1
P11	THREE COMPARTMENT SINK	JUST MFG	TLN-2249-A-GR	2"	2"	1/2"	1/2"	SNK-9
P12	WATER HEATER, NATURAL GAS	A. O. SMITH	BTH-120	-	-	1-1/2"	1-1/2"	WH-1
P13	MOP BASIN	FIAT	MSB-2424	3"	2"	1/2"	1/2"	MB-1
P14	ICE MAKER WALL BOX	SIoux CHIEF	696-G1010MF	-	-	1/2"	-	PFX-4
P15	WASHER SUPPLY/DRAIN	SIoux CHIEF	696-2313MF	2"	2"	1/2"	1/2"	PFX-3
P16	WALL HYDRANT	WOODFORD	67	-	-	3/4"	-	FPWH-1
P17	FLOOR DRAIN	ZURN	Z415B	SIZE TO PIPING	SIZE TO PIPING	-	-	FD-1
P18	FLOOR SINK	ZURN	Z1901	SIZE TO PIPING	SIZE TO PIPING	-	-	FD-1
P19	WALL CLEANOUT	ZURN	Z1469	SIZE TO PIPING	-	-	-	-
P20	FLOOR CLEANOUT	ZURN	Z1400-ZN	SIZE TO PIPING	-	-	-	-
P21	GRADE CLEANOUT	ZURN	Z1400-Z	SIZE TO PIPING	-	-	-	-
P22	WATER HEATER, NATURAL GAS	A. O. SMITH	BTH-120	-	-	1-1/2"	1-1/2"	WH-2



WASTE & VENT PIPING RISER DIAGRAM
 NOT TO SCALE

FITTING/ACCESSORY PACKAGE SCHEDULE

FITTING PACKAGE NO.	PACKAGE DESCRIPTION
EW-1	STANDARD WHANGER, INSTALL PER ADA REQUIREMENTS, BOTTLE FILLING STATION
FD-1	INSTALL INLINE FLOOR DRAIN TRAP SEALER EQUAL TO SURESEAL WATERLESS TRAP SEAL DEVICE
FPWH-1	STANDARD W/VACUUM BREAK BACKFLOW PREVENTER, LOOSE KEY OPERATOR, VERIFY LENGTH, FREEZELESS
LAV-2	TOTO TEL125-D10ET FAUCET W/SPOOL, CONTROLLER & THERMOSTATIC MIXING VALVE, DEARBORN GRID DRAIN & P-TRAP, TRUEBRO WHITE LAV-SHIELD, ZURN Z1231 LAVATORY CARRIER
LAV-3	DELTA 2503-LF TWO HANDLE FAUCET, DEARBORN GRID DRAIN & P-TRAP, TRUEBRO WHITE LAV-SHIELD, ZURN Z1231 LAVATORY CARRIER, SEE ARCHITECTURAL INTERIOR ELEVATIONS FOR MOUNTING HEIGHTS OF FIXTURES
LAV-4	DELTA 605-LF SINGLE LEVER HANDLE FAUCET, DEARBORN GRID DRAIN & P-TRAP, TRUEBRO WHITE LAV-SHIELD, ZURN Z1231 LAVATORY CARRIER, SEE ARCHITECTURAL INTERIOR ELEVATIONS FOR MOUNTING HEIGHTS OF FIXTURES
MB-1	830-AA FAUCET, 832-AA HOSE & BRACKET, QDC-3XH QUICK DRAIN, E-77-AA VINYL BUMPERGUARDS, MSG-2424, STAINLESS STEEL WALL GUARDS
PFX-3	STANDARD PACK WITH FRAME
PFX-4	BRASS QUARTER TURN VALVE WARRESTER, STANDARD PACK WITH FRAME
SNK-1	3-HOLE SELF-RIMMING SINK, 6-1/2" DEPTH, 18 GAUGE, TYPE 304 STAINLESS STEEL, SINGLE COMPARTMENT, JUST JGN-750 FAUCET, J-35 DRAIN, P-TRAP & SUPPLIES W/STOPS
SNK-2	3-HOLE SELF-RIMMING SINK, 6-1/2" DEPTH, 18 GAUGE, TYPE 304 STAINLESS STEEL, SINGLE COMPARTMENT, DELTA 101LF FAUCET, J-35 DRAIN, P-TRAP & SUPPLIES W/STOPS
SNK-8	3-HOLE SELF-RIMMING SINK, 8" DEPTH, 18 GAUGE, TYPE 304 STAINLESS STEEL, SINGLE COMPARTMENT, JUST JV-1122-A FAUCET, J-35 DRAIN, P-TRAP & SUPPLIES W/STOPS
SNK-9	TRIPLE BOWL SELF-RIMMING SINK, 18 GAUGE, TYPE 304 STAINLESS STEEL, (1) JUST J-902 & (1) JUST J-900 FAUCETS, (3) JB-90 DRAINS, P-TRAP & SUPPLIES W/STOPS
WC-3	ADA WHITE TOILET, 1.28 GPF TOTO TETILA SENSOR FLUSH VALVE, CHURCH 295C WHITE SEAT, 16-1/2" RIM HEIGHT
WC-4	1.28 GPF ELONGATED WHITE CHILDREN'S WATER CLOSET, 10-1/4" RIM HEIGHT, 10" ROUGH IN, OPEN WHITE INFANT SEAT, DEARBORN CHROME PLATED SUPPLY & FLUSH ACTUATOR
WC-5	WHITE TOILET, 1.28 GPF TOTO TETILA SENSOR FLUSH VALVE, CHURCH 295C WHITE SEAT, 15" RIM HEIGHT
WH-1	POWER DIRECT VENT NATURAL GAS WATER HEATER, 60 GAL TANK, 98% THERMAL EFFICIENCY, CAPACITY SET AT 140 DEG F, 120,000 BTU/HR INPUT, WITH RELIEF VALVE & DRAIN
WH-2	POWER DIRECT VENT NATURAL GAS WATER HEATER, 60 GAL TANK, 98% THERMAL EFFICIENCY, CAPACITY SET AT 160 DEG F, 120,000 BTU/HR INPUT, WITH RELIEF VALVE & DRAIN

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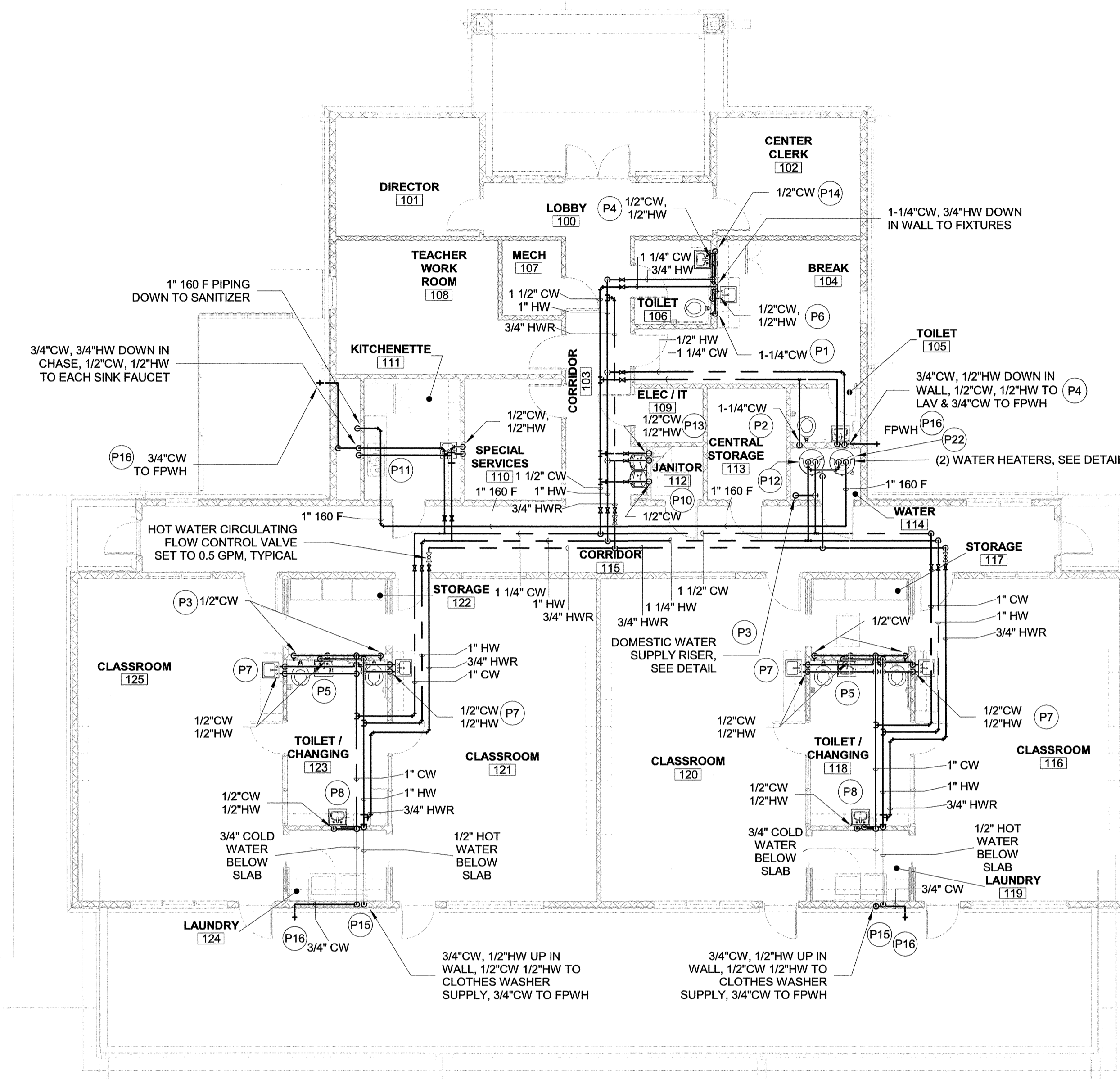
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 14617 (SE 18-118)
P101
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1

FIRST FLOOR PLAN - SUPPLY PIPING

1/8" = 1'-0"

WATER SUPPLY PIPING SCHEDULE

FIXTURE/EQUIPMENT	CW	HW
FLUSH VALVE WATER CLOSET	1-1/4"	-
TANK TYPE WATER CLOSET	1/2"	-
LAVATORY	1/2"	1/2"
COUNTER SINK	1/2"	1/2"
ELECTRIC WATER COOLER	1/2"	-
ICE MAKER SUPPLY	1/2"	-
THREE COMPARTMENT SINK	1/2"	1/2"
FREEZEPROOF HYDRANT	3/4"	-
MOP BASIN	1/2"	1/2"

- NOTES:**
1. SIZE BRANCH PIPING TO EACH FIXTURE AS SHOWN IN WATER SUPPLY PIPING SCHEDULE ABOVE.
 2. INSTALL A BALL SHUTOFF VALVE IN EACH BRANCH PIPE FOR ALL PLUMBING FIXTURES AND EQUIPMENT.
 3. SIZE PIPING TO OTHER FIXTURES AND EQUIPMENT AS SHOWN ON DRAWINGS AND SHOP DRAWINGS.
 4. SIZE MAINS WITHIN WALL THE SAME AS THE MAIN INTO WALL.
 5. SECURE PIPING IN WALLS TO FRAMING AND BLOCKING.

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WATER SERVICE CALCULATIONS

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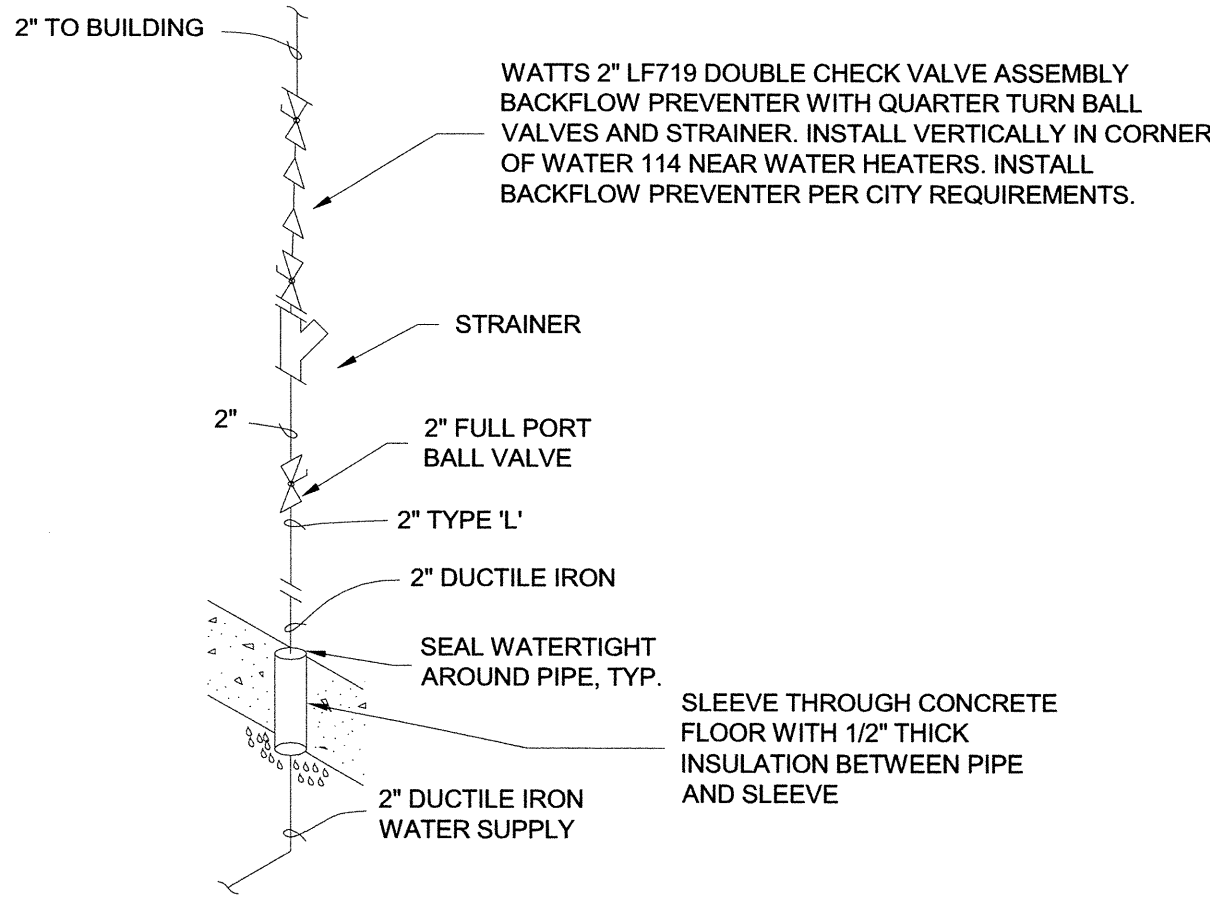
FIXTURE	NO.	FIXTURE	TOTAL FU
WATER CLOSET (PRIVATE, FV)	2	6.0	12.0
WATER CLOSET (PRIVATE, FT)	4	2.2	8.8
LAVATORY (PRIVATE)	6	0.7	4.2
CLASSROOM HAND SINK	5	1.4	7.0
KITCHEN DUMP SINK	1	2.0	2.0
TRIPLE BOWL SINK	1	3.0	3.0
ICE MAKER SUPPLY	1	0.5	0.5
ELECTRIC WATER COOLER	1	0.25	0.3
MOP SINK	1	3.0	3.0
DISHWASHER	1	3.0	3.0
CLOTHES WASHER	2	6.0	6.0
TOTAL			49.8 WSPU

MAX. PROBABLE FLOW = 50 GPM
(1) HOSE BIBB IN USE (+5) = 55 GPM

HEAD LOSSES: (@ 55 GPM)

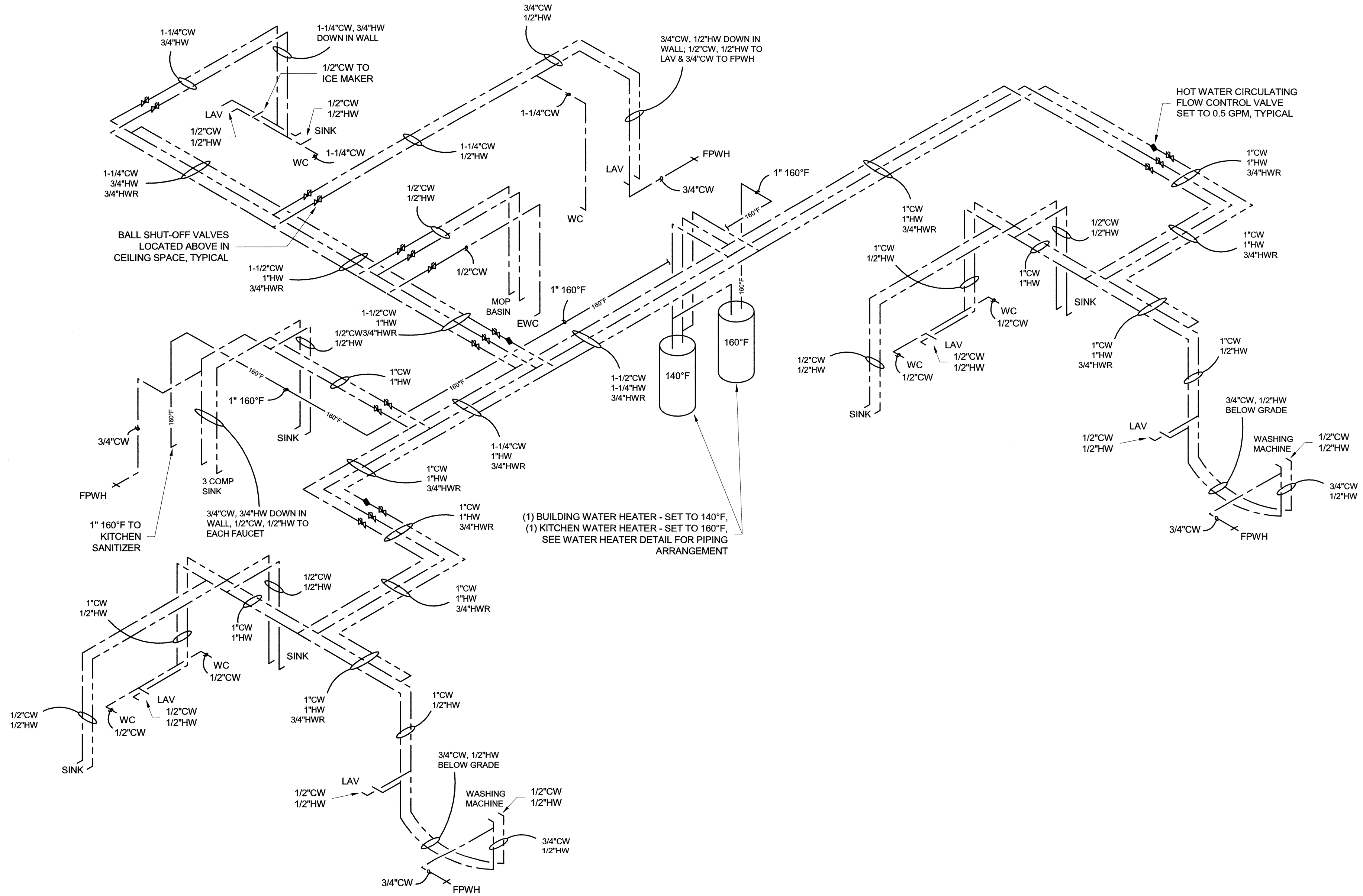
2" TAP AT 55 GPM	=	0.32
2" WATER METER	=	2.3
2" SERVICE: 138' X 2.75 PSI/100'	=	3.8
2" BACKFLOW PREVENTER AT 55 GPM	=	4
PIPING TO REMOTE FIXTURE = 85' X 5 PSI/100'	=	4.25
TOTAL HEAD LOSS	=	14.67 PSI
	=	15 PSI

ASSUMED WATER PRESSURE @ MAIN = 55 PSI
THEREFORE @ MOST REMOTE FIXTURE, PRESSURE = 55 PSI - 15 PSI = 40 PSI
MIN. FLOW PRESSURE REQUIRED @ FIXTURE = 25 PSI

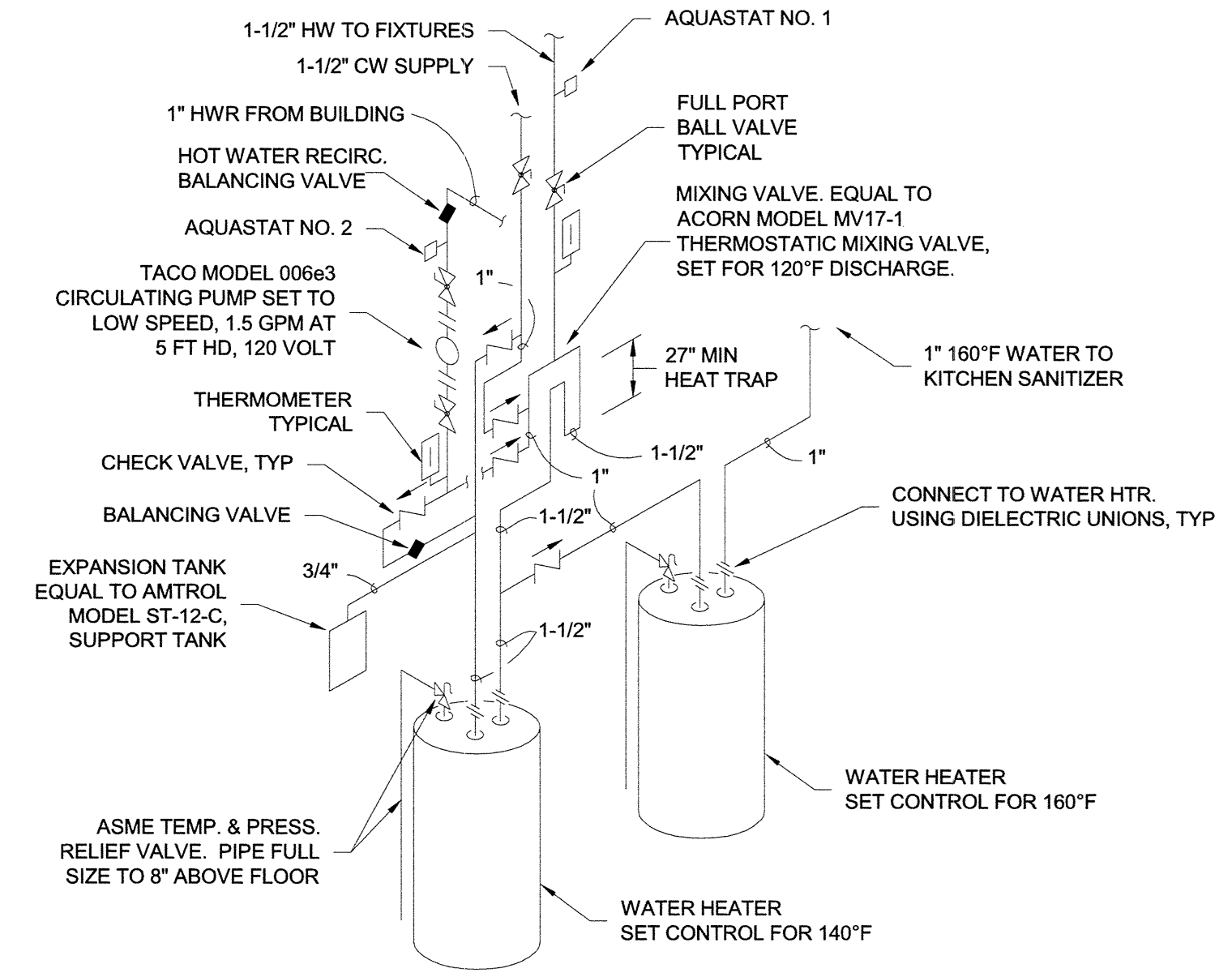


WATER SUPPLY RISER PIPING DIAGRAM
NOT TO SCALE

WATER HEATER CONTROL NOTES:
AQUASTAT NO. 1 FOR 120°F SUPPLY PIPING SHALL BE SET TO CLOSE A CONTACT IF THE WATER TEMPERATURE EXCEEDS 125°F (ADJUSTABLE). INSTALL AN AUDIBLE ALARM IN MECHANICAL ROOM THAT IS WIRED TO AQUASTAT 1 AND POWERED FROM THE WATER HEATER 120 VOLT CIRCUIT. AQUASTAT NO. 2 SHALL CONTROL THE RECIRCULATING PUMP PER PUMP INSTALLATION INSTRUCTIONS. RETURN TEMPERATURE SHALL BE SET TO 110°F.



SUPPLY PIPING RISER DIAGRAM
NOT TO SCALE



WATER HEATER DETAIL NOTES:

- REFER TO DRAWINGS FOR PIPE SIZES.
- REFER TO SHOP DRAWINGS FOR CONNECTIONS & CONNECTION SIZES TO EQUIPMENT.
- ANCHOR WATER HEATER, EXPANSION TANK, THERMOSTATIC MIXING VALVE AND ALL PIPING AS REQUIRED TO PREVENT SEISMIC MOVEMENT. ANCHOR WATER HEATER USING (2) STAINLESS STEEL STRAPS.
- INSTALL MIXING VALVE AND ALL PIPING PER ACORN INSTALLATION INSTRUCTIONS.
- SEE ELECTRICAL DRAWINGS FOR POWER TO WATER HEATER & CIRCULATING PUMP.

WATER HEATER PIPING DIAGRAM
NOT TO SCALE

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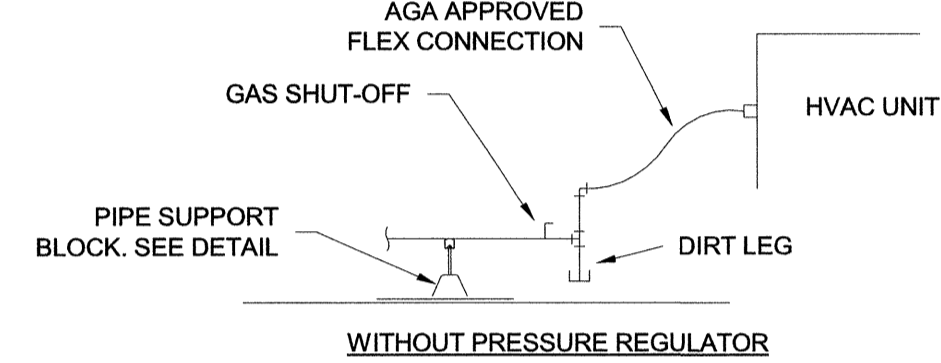
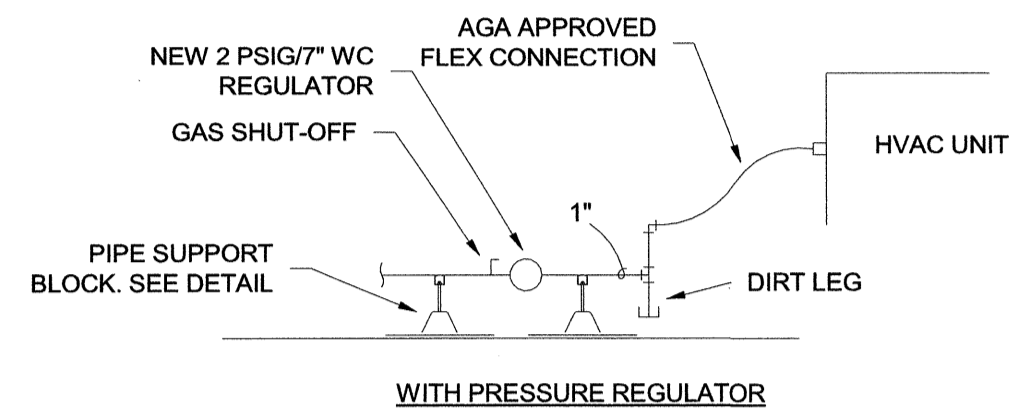
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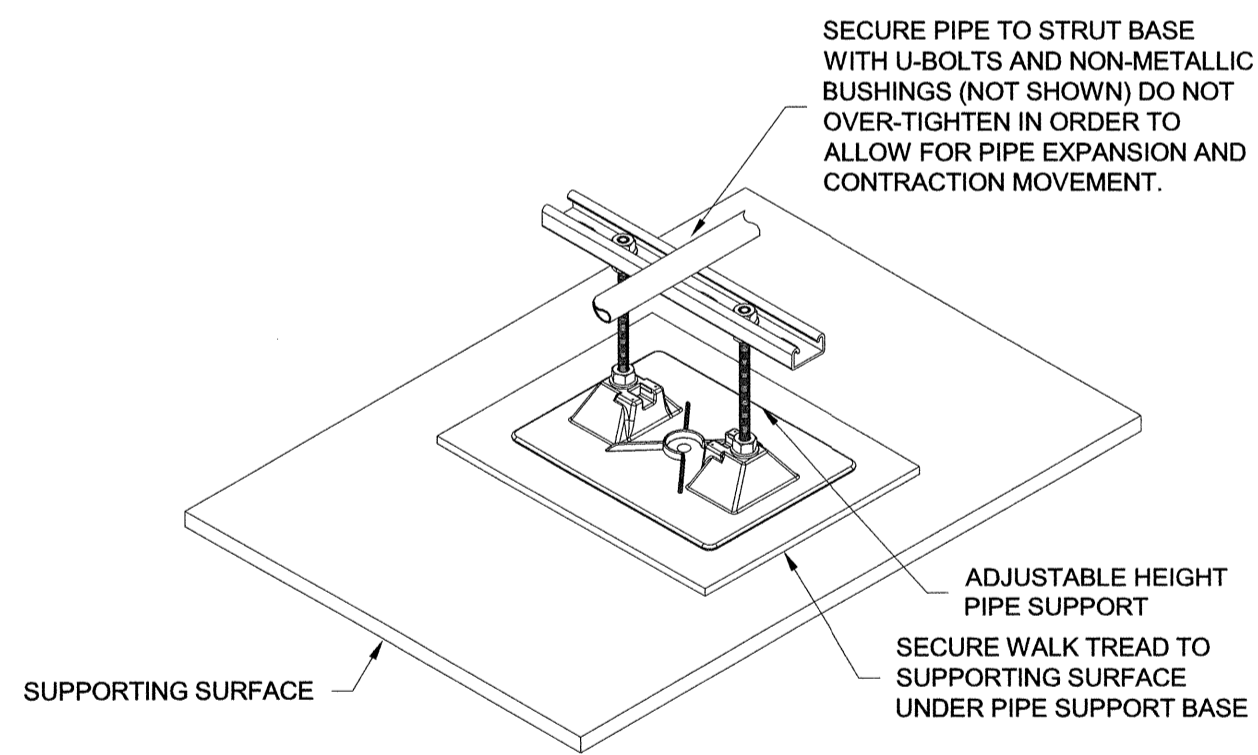
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KEYNOTES	
P1	GAS CONNECTION SHALL INCLUDE DIRT LEG, GAS COCK, PRESSURE REGULATOR AND FLEXIBLE CONNECTION
P2	GAS PIPING INSTALLED IN ATTIC SPACE

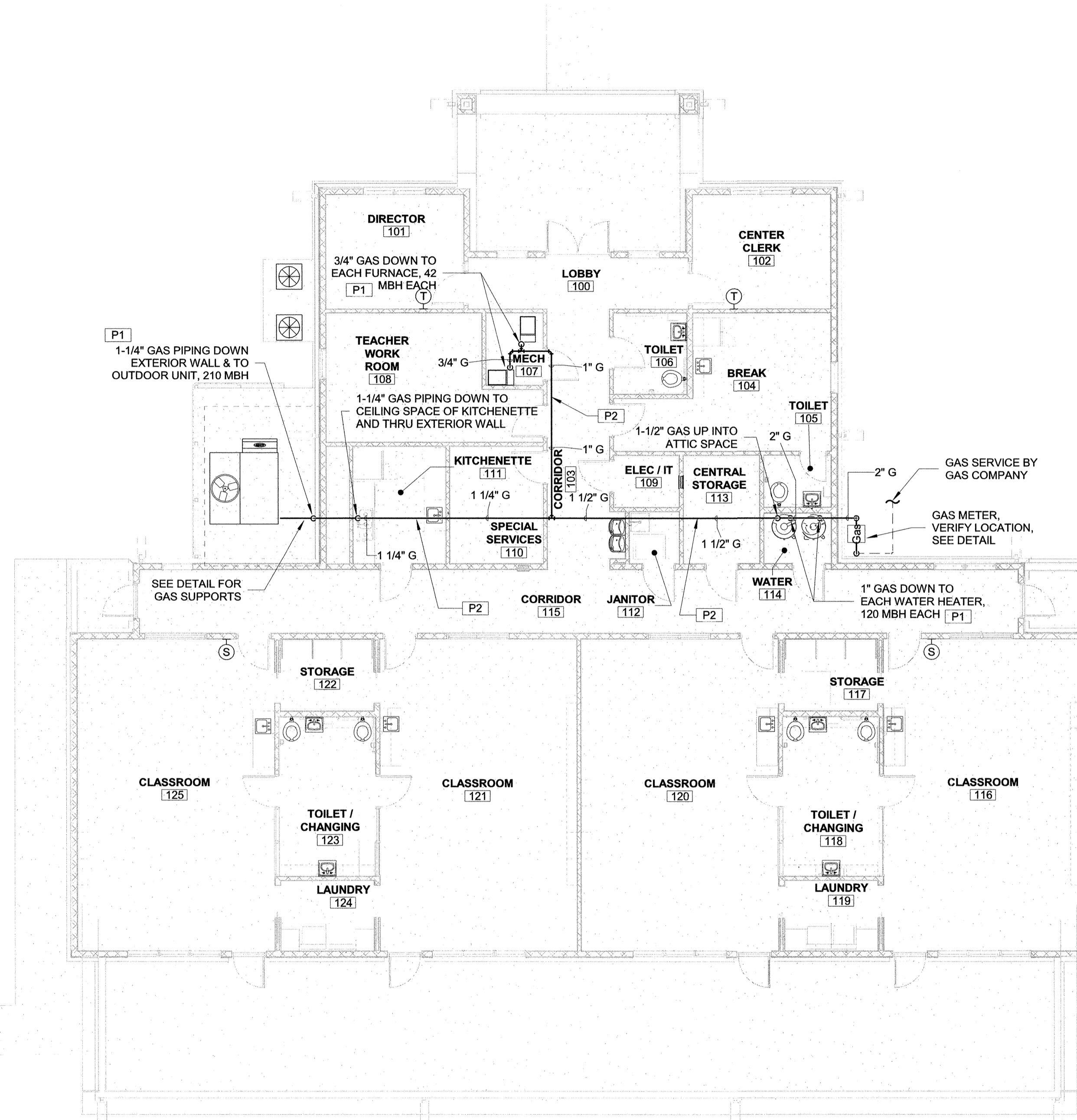


TYPICAL GAS CONNECTION TO HVAC UNIT
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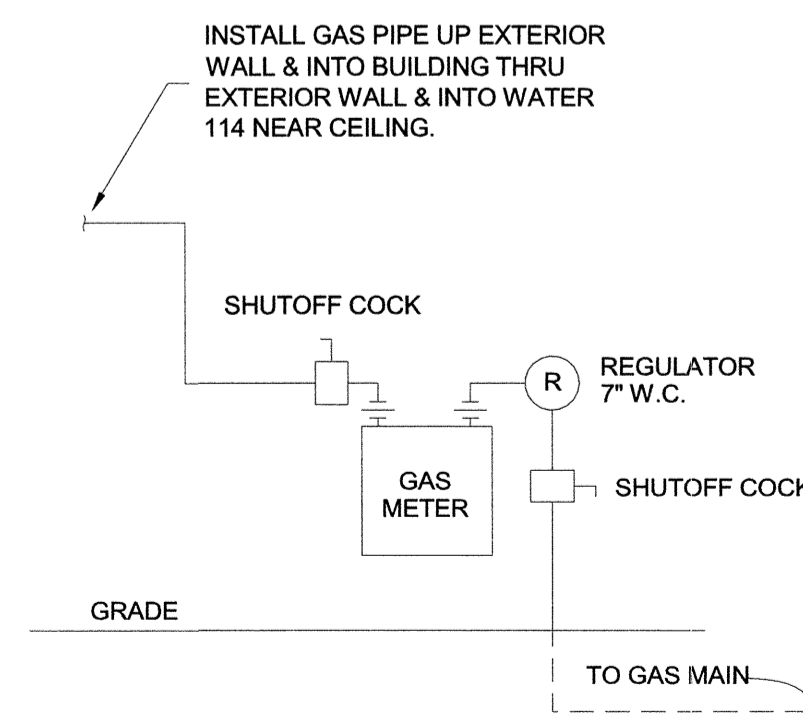
NOTE:
PIPE RESTS ON A STRUT SYSTEM WHICH IS MADE OF HOT-DIP GALVANIZED STEEL. THE PIPE SUPPORT BASE SHALL BE POLYCARBONATE RESIN, AND ALL OTHER METAL PARTS ARE MADE OF HOT-DIP GALVANIZED OR STAINLESS STEEL. PIPE SHALL BE SECURED TO THE STRUT WITH U-BOLTS, BUT NOT FASTENED TIGHTLY IN ORDER TO ALLOW EXPANSION AND CONTRACTION MOVEMENT OF THE PIPING.



PIPE SUPPORT DETAIL
NOT TO SCALE



1 FIRST FLOOR PLAN - GAS PIPING
1/8" = 1'-0"



CONNECTED GAS LOAD

(1) OUTDOOR UNIT @ 210 MBH	=	210	MBH
(2) FURNACE @ 42 MBH	=	42	MBH
(2) WATER HEATER @ 120 MBH	=	240	MBH
TOTAL	=	534	MBH

GAS METER DETAIL
NOT TO SCALE

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EARLY HEAD START
CITY OF POCAHONTAS
Pocahontas, Arkansas

**BRACKETT
KRENNERICH**
architects

Revision Schedule	Issued by
Tag	Rev. Date
Rev. Description	Rev. Date



07/12/19
Commission Number
14617 (SE 18-118)
P300
Date: July 12, 2019

WOOD NOTES:

- GENERAL:**
- All framing lumber shall be No.2 Southern Pine unless noted otherwise.
 - All plywood shall be structural APA rated panels, Exposure I, conforming to Product Standard PS-1.
 - Standard cut washers shall be used under head and nuts against wood.
 - The anchors for plates shall be placed 6" from the end of a plate and at intervals noted on the plans.
 - Do not notch bottoms of wood members. Obtain architect/engineer approval for any holes in all wood members other than those required for structural assembly. Holes through sills, plates, studs, and double plates in interior bearing and shear walls shall not exceed 1/3 of the plate width and shall be bored holes placed in the center of the stud or plate. Notching is not permitted.
 - Nailed connections shall conform to Table 2304.9.1 of the International Building Code.
 - End distance, edge distance and spacing of nails shall be such to avoid splitting of the wood.
 - Nailing not noted shall be at least two nails at all contact points.
 - When headers are not shown, Table 2308.9.5 through 2308.9.6 of the International Building Code shall apply.

- BEAMS:**
- Beams shall be comprised of solid sawn Southern Pine lumber unless noted otherwise. The size and grade of each beam shall be as shown on the plan.
 - Individual members comprising beams shall be adequately bonded together to act as a single unit.
 - All beams shall be supported by (3) - 2x4 No.2 or better Douglas Fir studs unless noted otherwise.
 - All beams shall be adequately anchored to prevent lateral and/or in-plane displacement.

- STUD WALLS:**
- Studs shall be 2x6 No.2 Douglas Fir or better unless noted otherwise.
 - Stud spacing shall be 16" O.C. unless noted otherwise.
 - All studs shall have blocking at the midpoint unless noted otherwise. Blocking shall consist of solid sawn lumber of the same size as the studs being blocked.

- PLYWOOD SHEAR WALLS:**
- OSB panels shall be placed with long dimensions parallel to wall studs.
 - Nailing schedule: (unless otherwise noted)
 - A. 10d @ 4" O.C. at panel edges and framed openings.
 - B. 10d @ 6" O.C. at intermediate studs and blocking.
 - C. Shear wall locations shall be as shown on the plan.

- PLYWOOD ROOF DECK:**
- OSB panels to be placed with long dimensions perpendicular to supports.
 - Provide double 2x shaped blocking along main ridge lines, valleys and all hip ridges.
 - Nailing schedule:
 - A. 8d @ 6" O.C. around roof perimeter at eave, gable ends, and at each side of main ridge lines and valleys.
 - B. 8d @ 6" O.C. at all other panel edges.
 - C. 8d @ 12" O.C. in panel field @ each rafter.

- PARALLAM BEAMS:**
- All members shall be manufactured in accordance with US Department of Commerce voluntary standard PS 56-73, ATTC standard 117-79, National Service, Inc. (NSI) report number NEF-292, or CC MC report number 111161-R, and other ATTC standards.
 - Parallam beams shall be manufactured from strands of wood fiber and shall be coated with exterior type adhesive (phenol, formaldehyde) and oriented to the length of the member. Use parallam beams by Trusjoist McMillan or equal.
 - Parallam shall have the following properties:
 - Flexural Stress, $f_b = 2,900$ psi
 - Tension Parallel to Grain, $f_t = 2,400$ psi
 - Compressive Strength, $f_c = 2,900$ psi
 - Horizontal Shear, $f_v = 210$ psi
 - Modulus of Elasticity, $E = 2,000,000$ psi
 - The parallam wood fabricator shall furnish shop drawings, unless noted otherwise, for review by the architect/engineer before fabrication.

- ROOF TRUSSES:**
- Roof Trusses shall be designed to support the following loads:
 - Top Chord Live Load = 20 psf
 - Top Chord Dead Load = 15 psf
 - Bottom Chord Live Load = 20 psf
 - Bottom Chord Dead Load = 10 psf
 - Roof Truss dimensions and spacing shall be per manufacturer's recommendations.
 - Roof Truss manufacturer shall provide all bracing requirements for trusses, both temporary and permanent.
 - Do not place concentrated loads atop the trusses until all specified bracing has been installed and the sheathing permanently nailed in place. Specifically avoid stacking bundles of plywood atop unshathed trusses. Lift plywood sheets individually onto roof only as required during sheathing.
 - Specified mechanical equipment shall be placed in the attic only upon completion of the entire roof structural system.
 - Truss manufacturer shall check system design of all members against the net uplift forces created by the basic wind speed as indicated on the structural drawings.

CONCRETE NOTES:

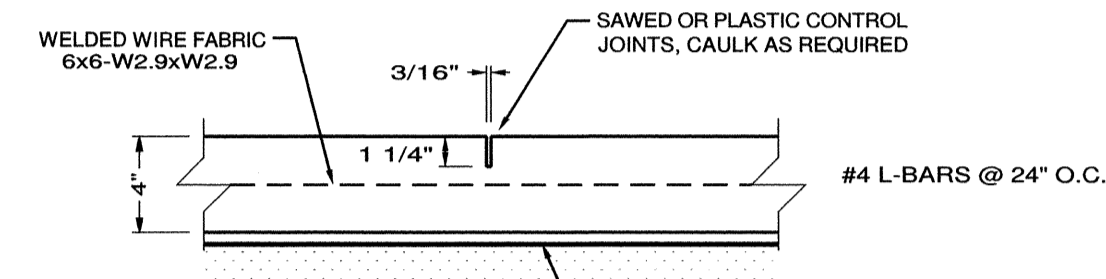
- GENERAL:**
- All concrete shall have a minimum 28 day compressive strength, (f'), of 3,000 psi for footings and 4,000 psi for slabs.
 - All concrete work shall conform to the latest ACI specifications.
 - Coarse aggregate for concrete shall not contain lignite, steel, or other materials that may be detrimental to the concrete.
 - Fly ash in concrete mix shall not be permitted.
 - Horizontal construction joints shall be permitted only where shown on the structural drawings. Horizontal or near horizontal joints shall be prepared by roughening the surface in an approved manner so that the aggregate is exposed uniformly, leaving no balance, loosened particles, or damaged concrete.
 - Contractor shall verify dimensions and locations of all openings, pipe sleeves, curbs, etc., as required by other trades before concrete is placed.
 - Pipes or conduit placed in foundation and slabs shall not be placed closer than 3 diameters on center. Aluminum conduits shall not be placed in concrete.
 - All footings shall bear on firm, undisturbed soil or an approved select fill material compacted to at least 95% of optimum density as determined by the Standard Compaction Test, ASTM D-698.
 - The design bearing capacity, $q_u = 1,500$ psf.
 - Location of slotted inserts, weld plates and all other items to be embedded in concrete shall be coordinated with architectural and mechanical drawings.

- REINFORCEMENT:**
- All reinforcing steel shall conform to ASTM-615, Grade 60, $f_y = 60$ ksi.
 - Minimum cover on all reinforcing steel shall be 3".
 - All reinforcing bars splices shall be lap splices with a minimum overlap of 30".
 - All reinforcing steel shall be fabricated and placed per the latest edition of the ACI Building Code (ACI-318).
 - All reinforcement shall be securely held in place while placing concrete. If required, additional bars or struts shall be provided by the contractor to support all bars.
 - Reinforcing bars shall not be welded, unless specifically noted on the drawing, as being welded, welded reinforcement shall conform to ASTM A-706.
 - Provide corner bars in all walls and at wall intersections to match size and spacing of horizontal bars in those walls.

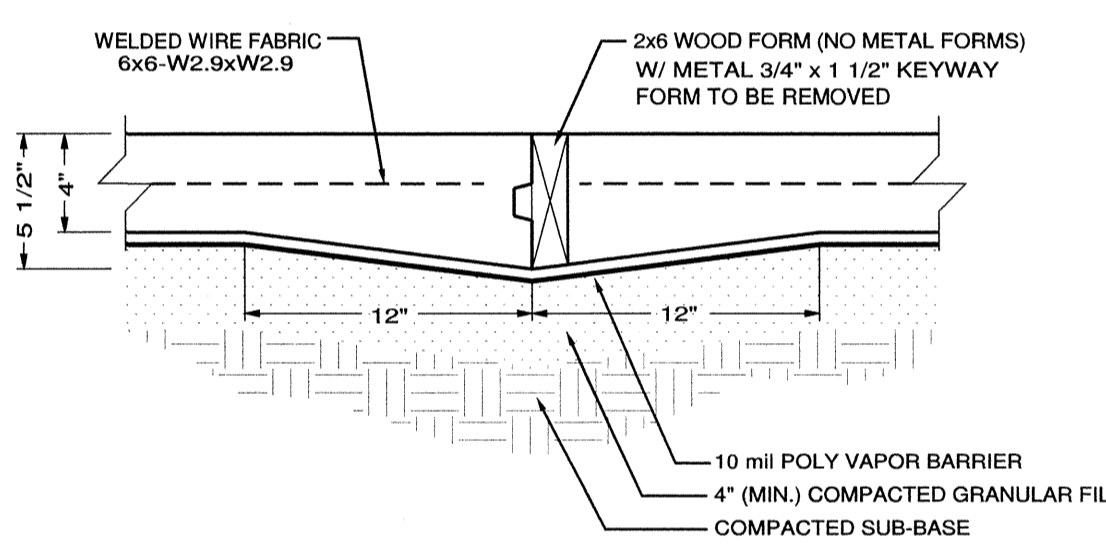
- WELDED WIRE FABRIC:**
- All welded wire fabric shall conform to the latest edition of ASTM-185. Specifications for Welded Wire Fabric for Concrete Reinforcement.
 - All laps in welded wire fabric shall be one mesh plus 2 inches at splice.
 - Welded wire fabric shall be provided in flat sheets. Roll wire shall not be permitted.

BUILDING CODE: 2012 INTERNATIONAL BUILDING CODE

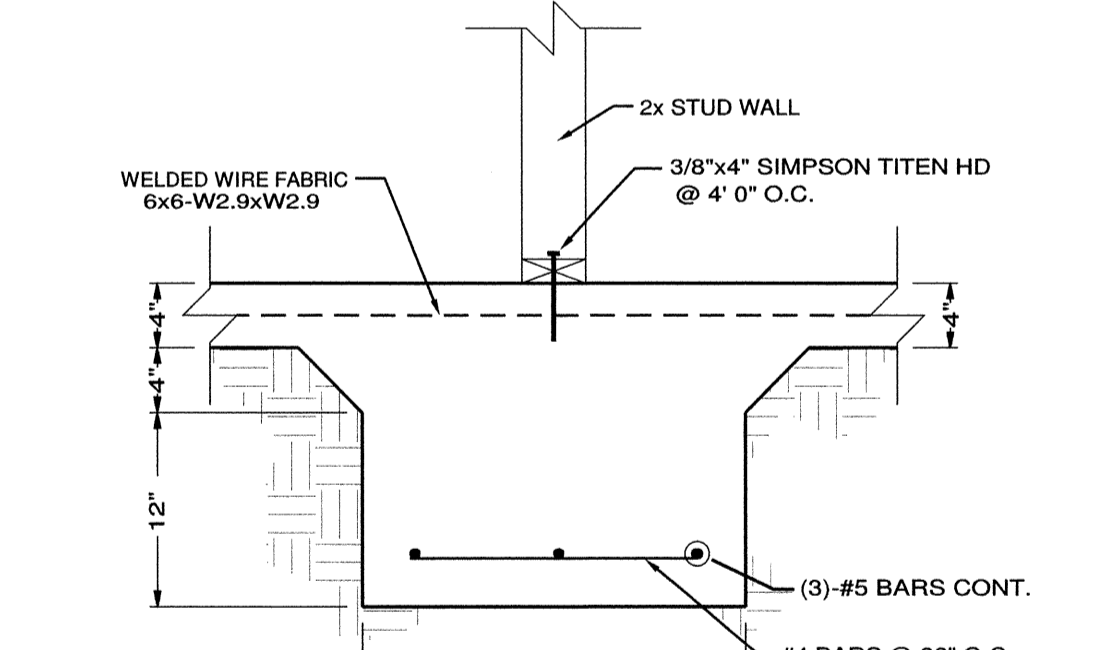
- GRAVITY LOADS:**
- LIVE LOADS: 100 psf
 - FLOOR ROOF: 20 psf
- DEAD LOADS:**
- MISC: ACTUAL WEIGHTS OF MATERIALS
 - ROOF: 15 psf
- LATERAL LOADS:**
- WIND: BASIC WIND SPEED 115 mph, EXPOSURE CATEGORY C
 - SEISMIC: SEISMIC USE GROUP Group I, SEISMIC IMPORTANCE FACTOR $I_e = 1.0$, SPECTRAL RESPONSE COEFFICIENTS $S_{DS} = 0.634$, $S_{D1} = 0.347$, D (ASSUMED), SITE CLASS D, SEISMIC DESIGN CATEGORY D, BASIC SEISMIC FORCE RESISTING SYSTEM PLYWOOD SHEAR WALLS W/ LOAD BEARING WOOD STUDS, DESIGN BASE SHEAR 0.098 w, ANALYSIS PROCEDURE EQUIVALENT LATERAL FORCE (SIMPLIFIED)



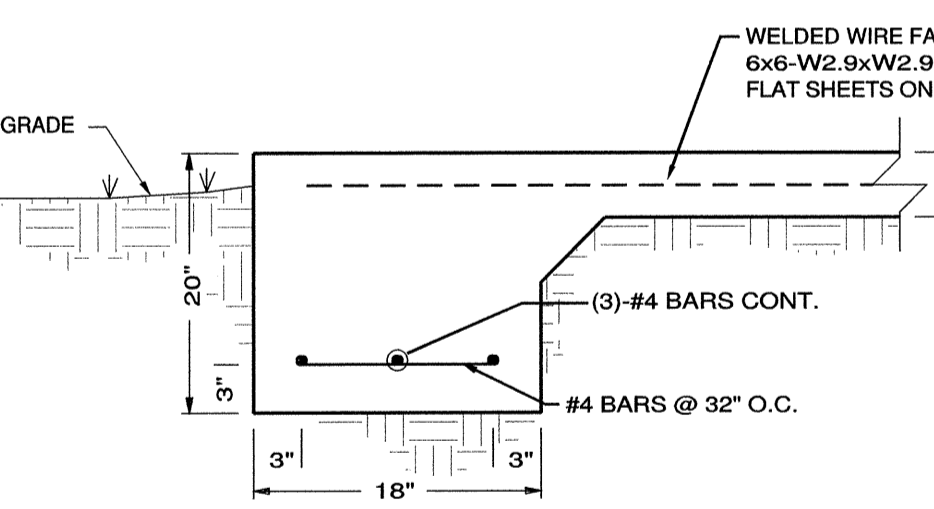
1 SLAB CONTROL JOINT DETAIL



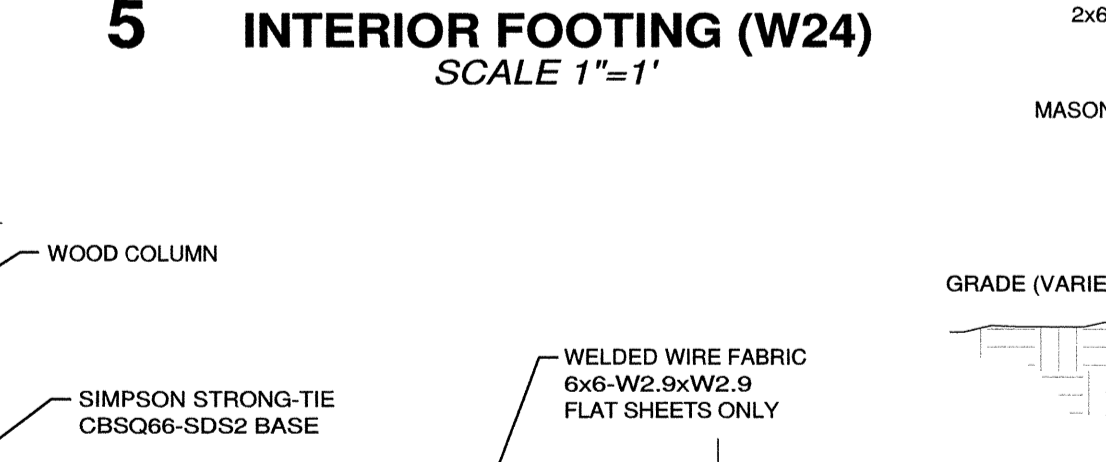
2 TYP. ANCHOR BOLT N.T.S.



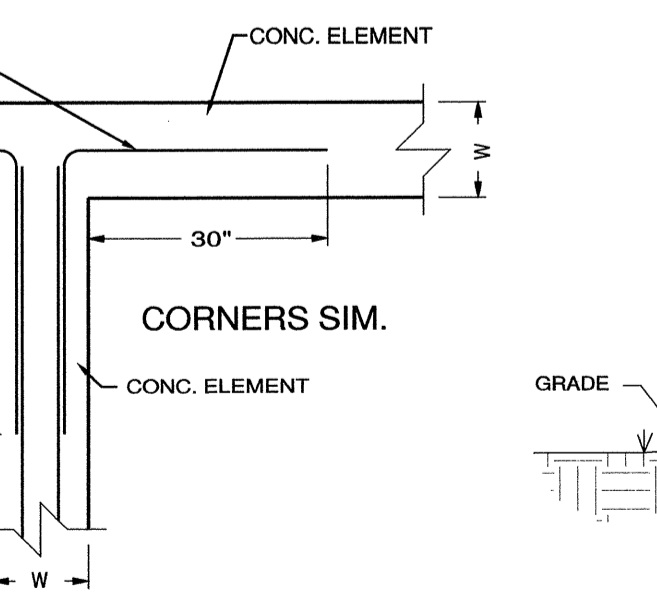
3 SLAB CONSTRUCTION JOINT DETAIL



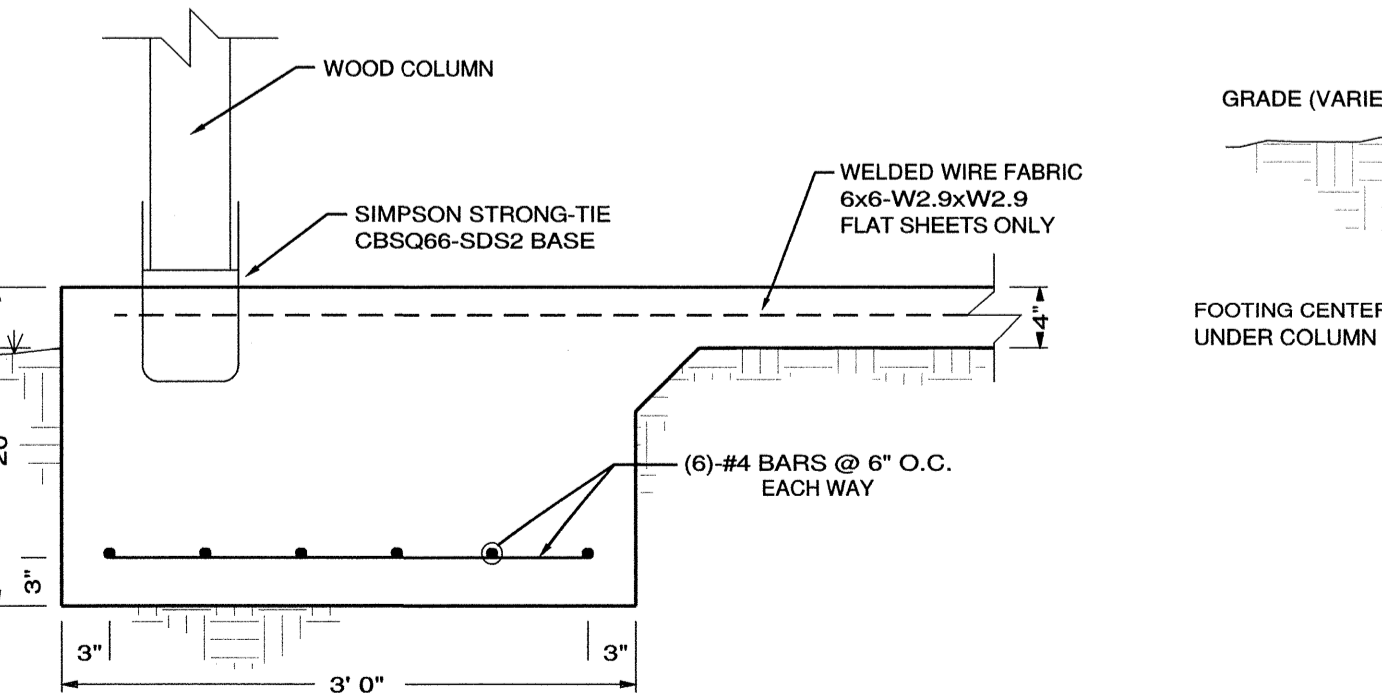
4 PORCH FOOTING SCALE 1"=1'



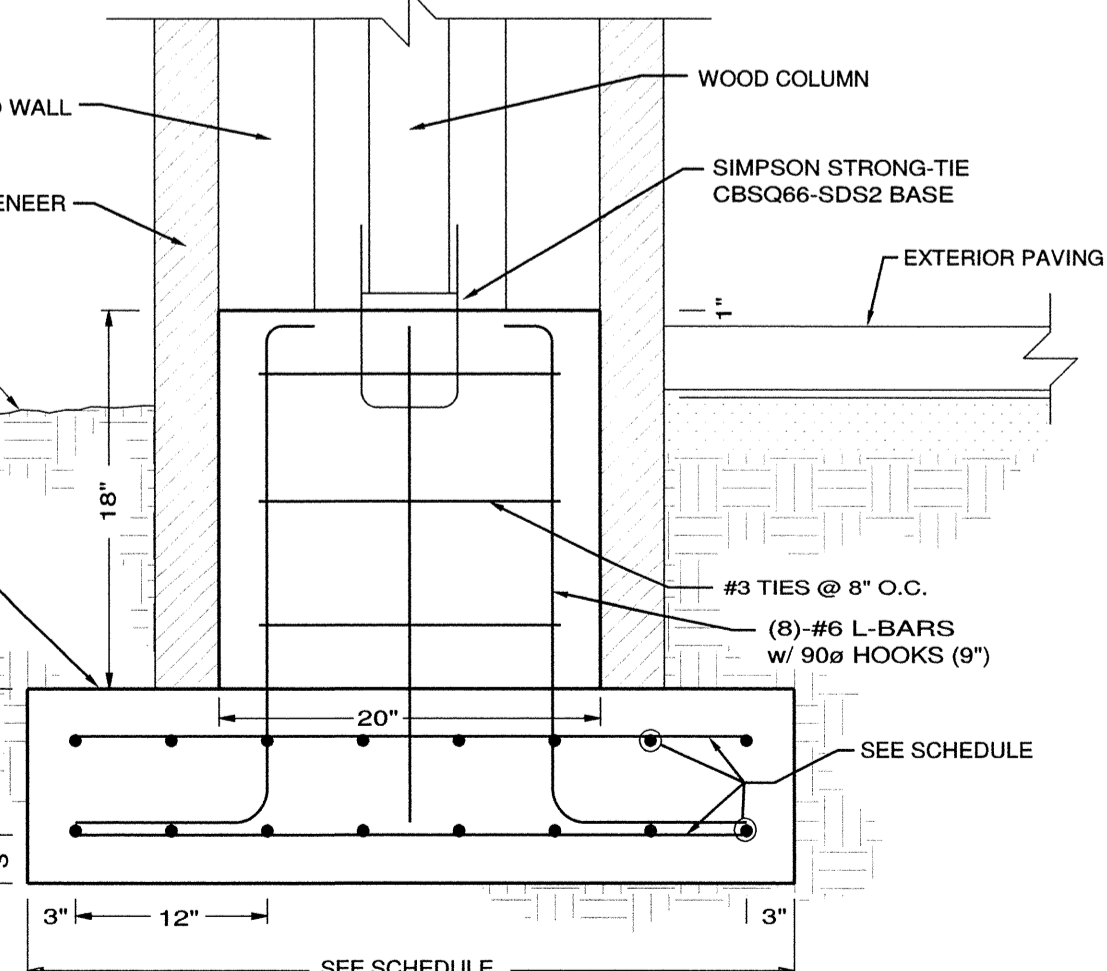
5 INTERIOR FOOTING (W24) SCALE 1"=1'



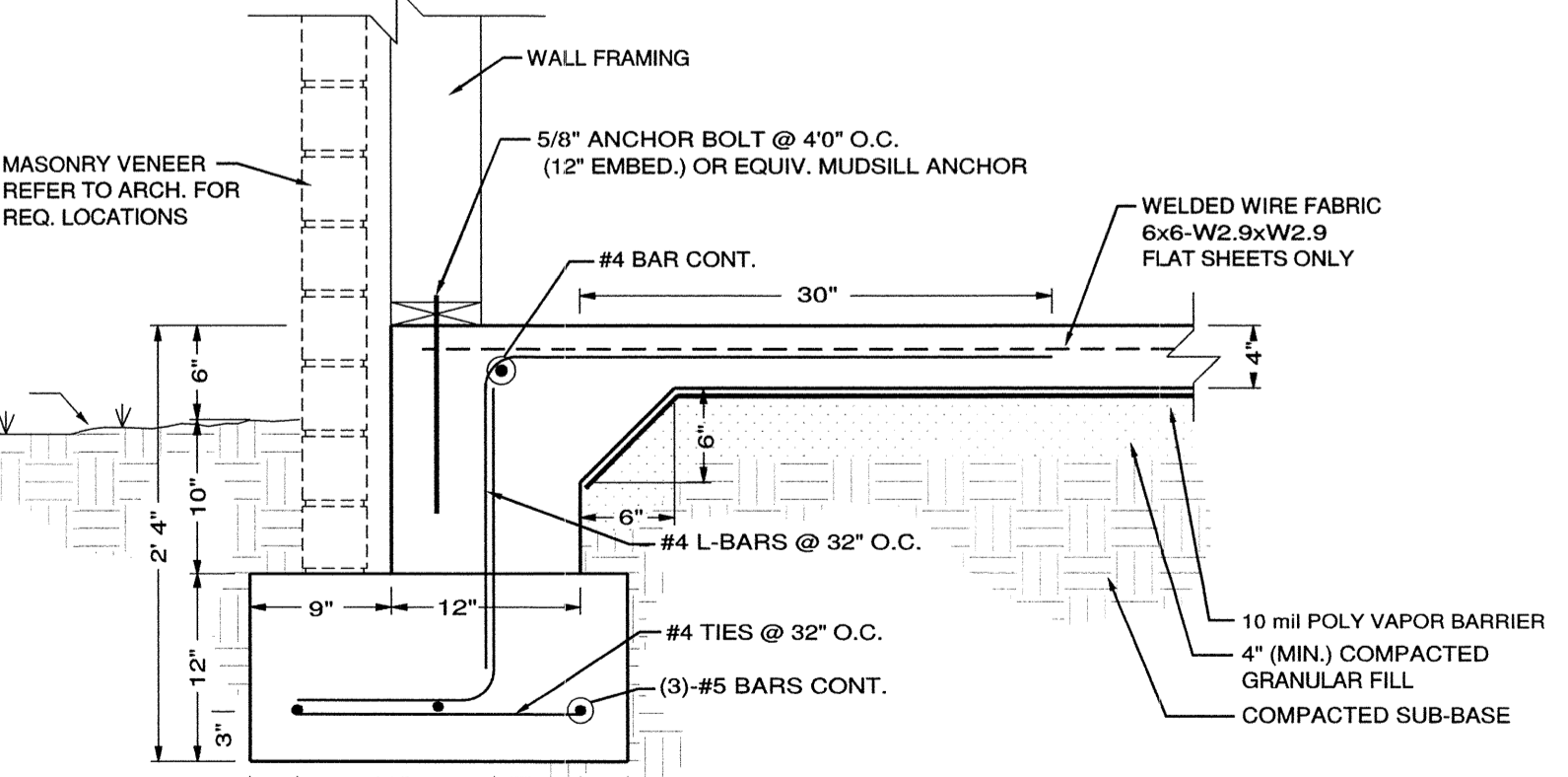
6 PLAN REINF. INTERSECTION SCALE 1/2"=1'



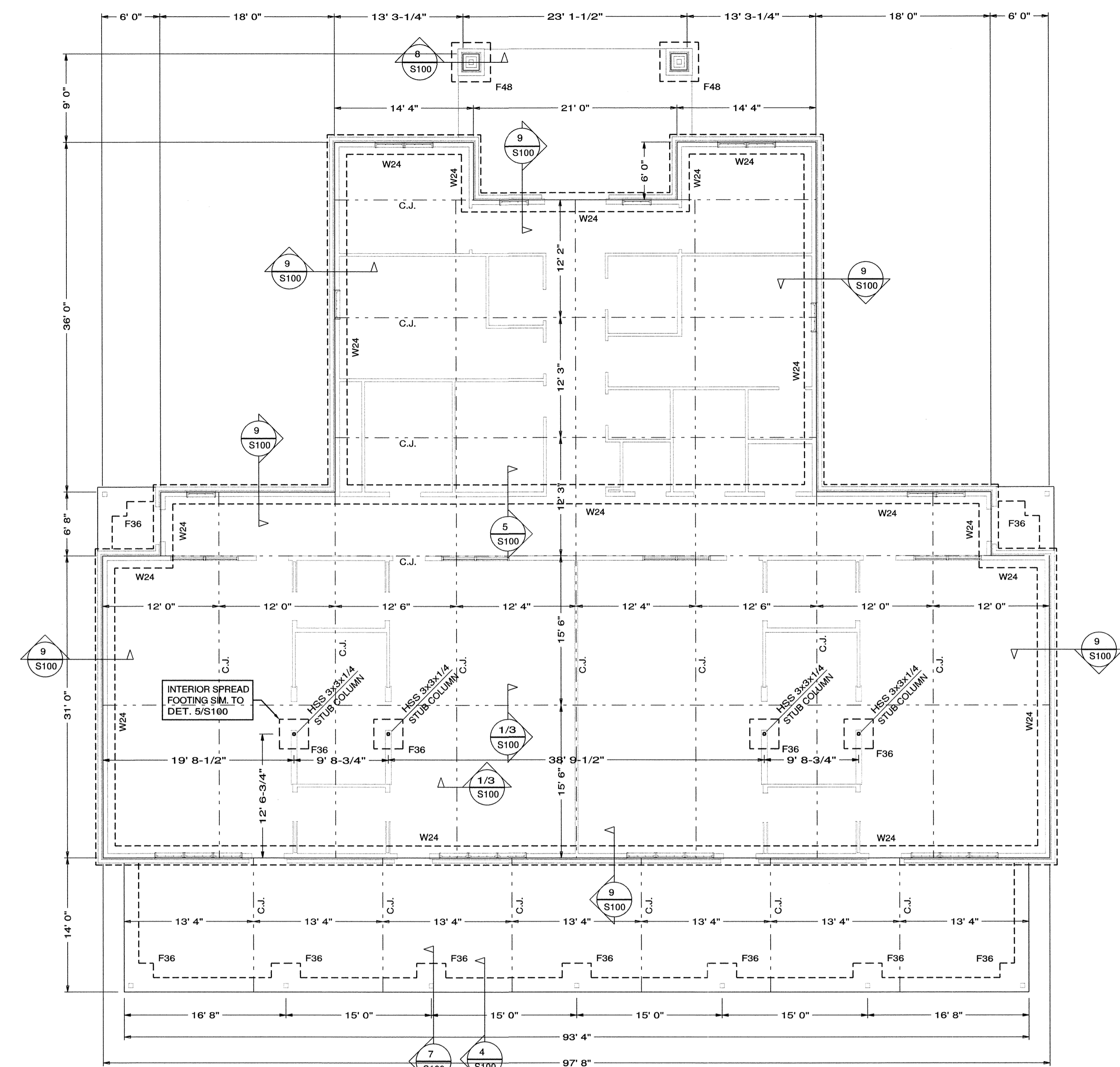
7 PORCH FOOTING (F36) w/ WOOD COLUMN SCALE 1"=1'



8 ISOLATED SPREAD FOOTING SECTION SCALE 1"=1'



9 EXTERIOR STRIP FOOTING SECTION (W24) SCALE 1"=1'



FOUNDATION PLAN SCALE 1/8"=1'

SPREAD FOOTING SCHEDULE

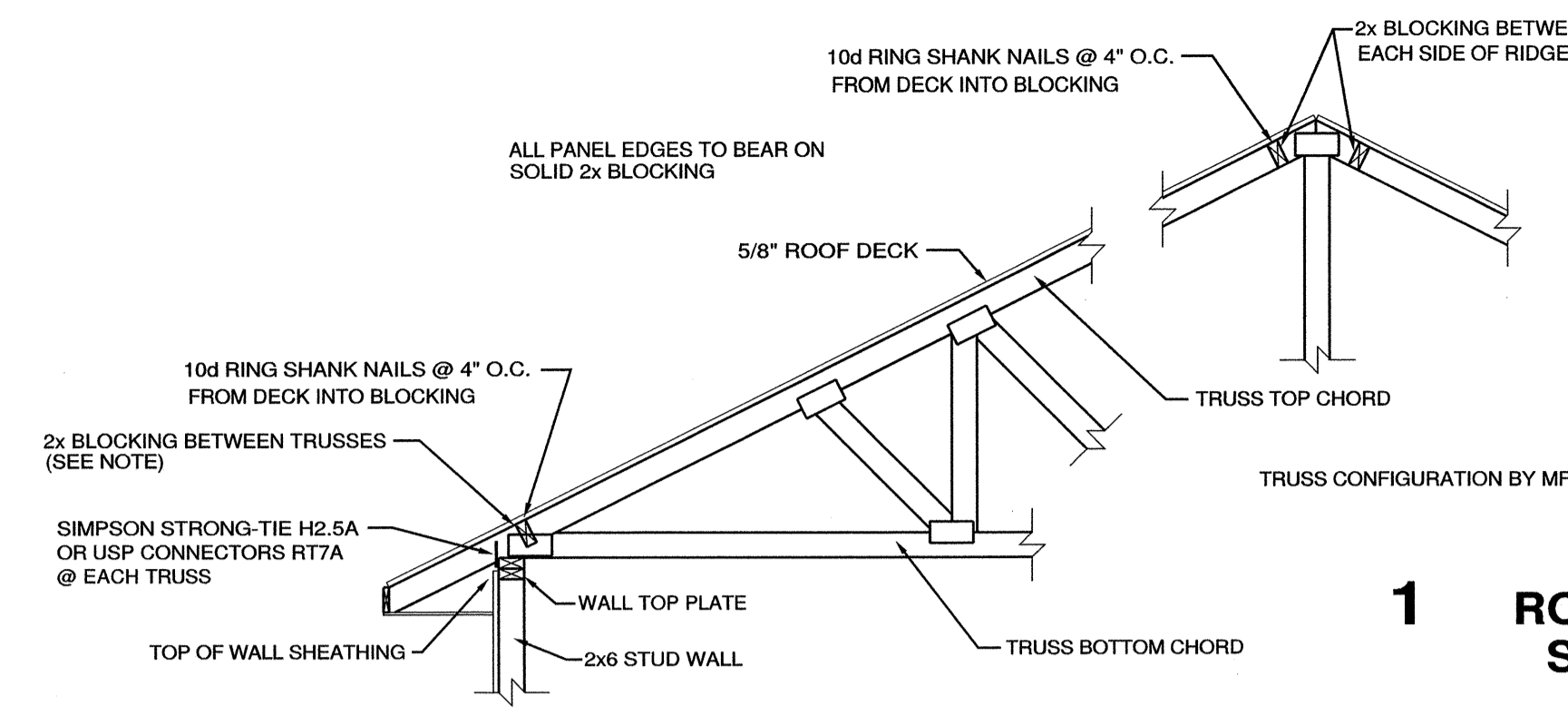
FOOTING	DIMENSIONS	REINFORCEMENT DETAILS
F36	3'x3'x12"	(6) - #4 BARS @ 6" O.C. EACH WAY
F48	4'x4'x12"	(8) - #4 BARS @ 6" O.C. EACH WAY, TOP & BOTTOM

EARLY HEAD START FACILITY
CITY OF POCAHONTAS
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Revision Schedule

Tag	Rev. Description	Rev. Date	Issued by

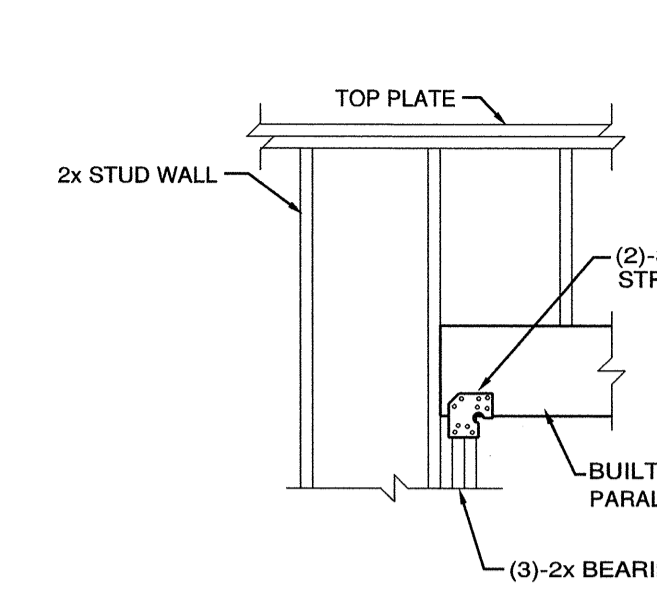
4/12/19
 Commission Number 14617
S100
 Date April 12, 2019



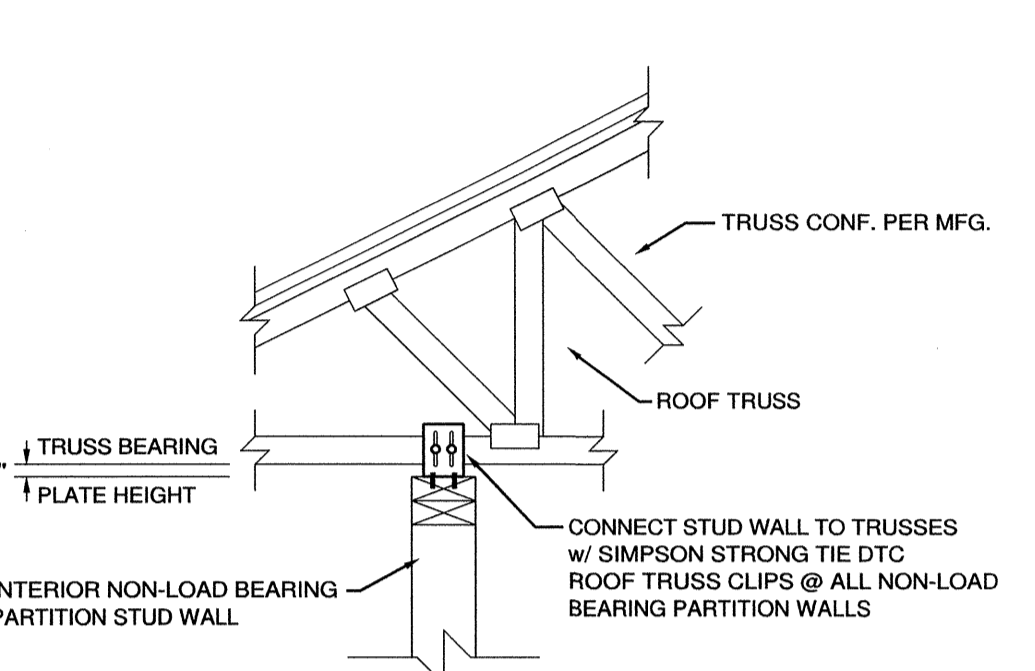
ROOF SHEATHING FASTENING SCHEDULE

SUPPORTED PANEL ENDS & EDGES 6" O.C.
 PANEL FIELD 6" O.C.
 PANEL FIELD WITHIN 4' OF RIDGE 4" O.C.
 PANEL FIELD WITHIN 6' OF EAVE OVERHANGS (EAVES) 4" O.C.
 SHEATHING TO GABLE ENDWALL 3" O.C.

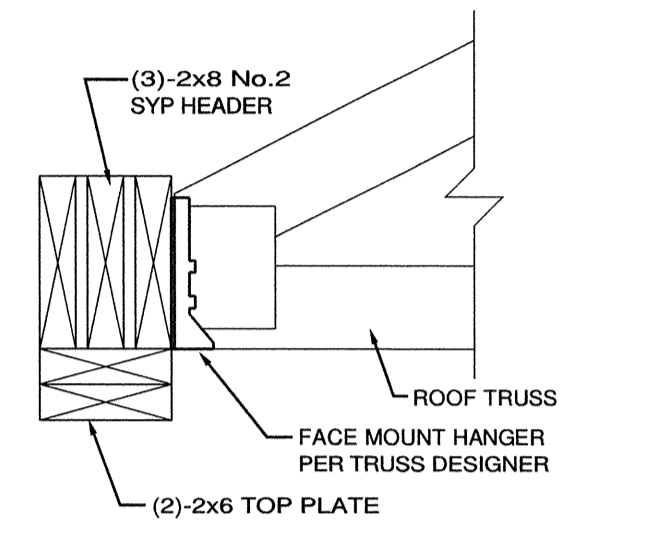
ALL NAILS TO BE 10d RING SHANK



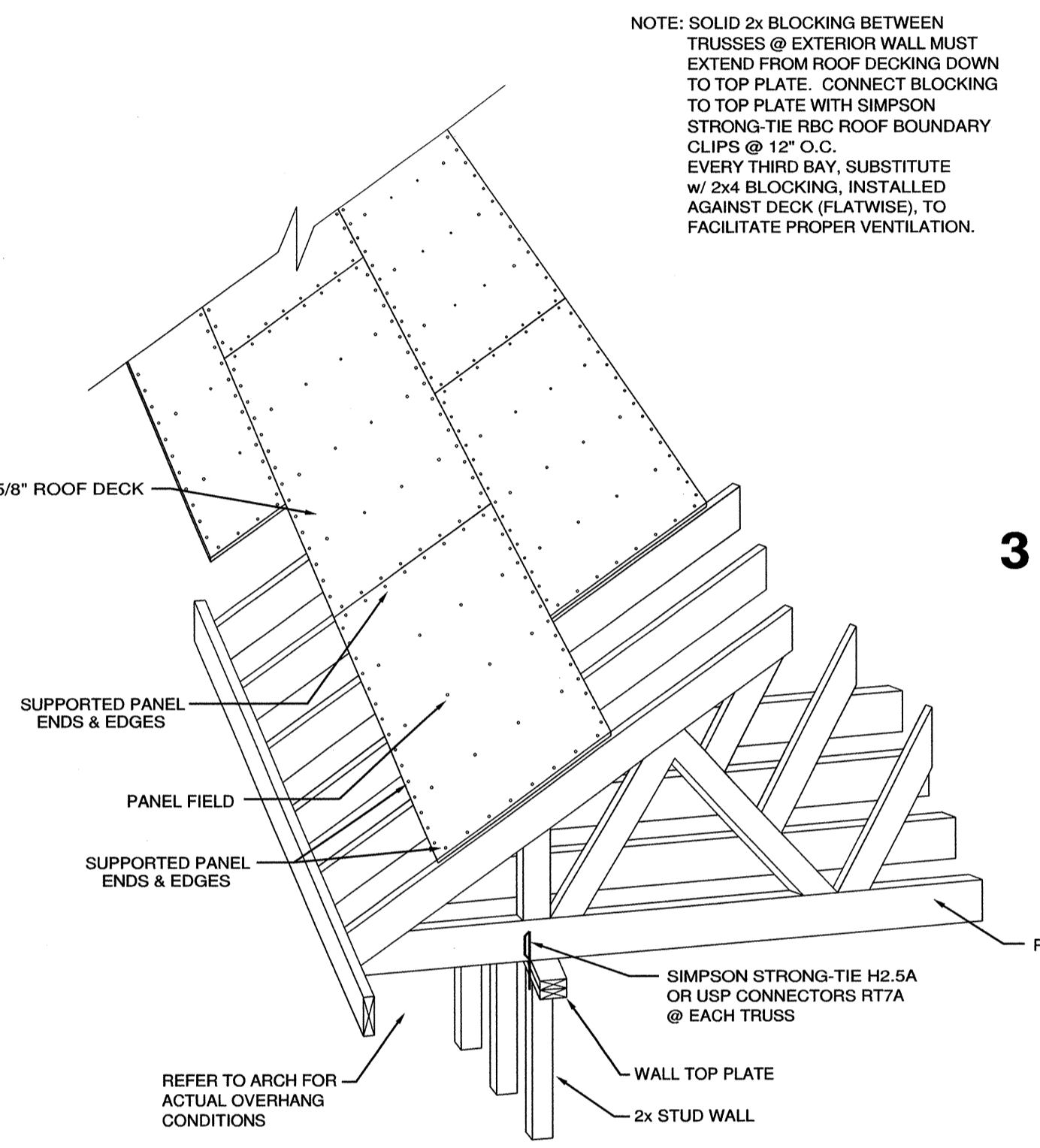
2 WOOD BEAM BEARING DETAIL
SCALE 1/2"=1'



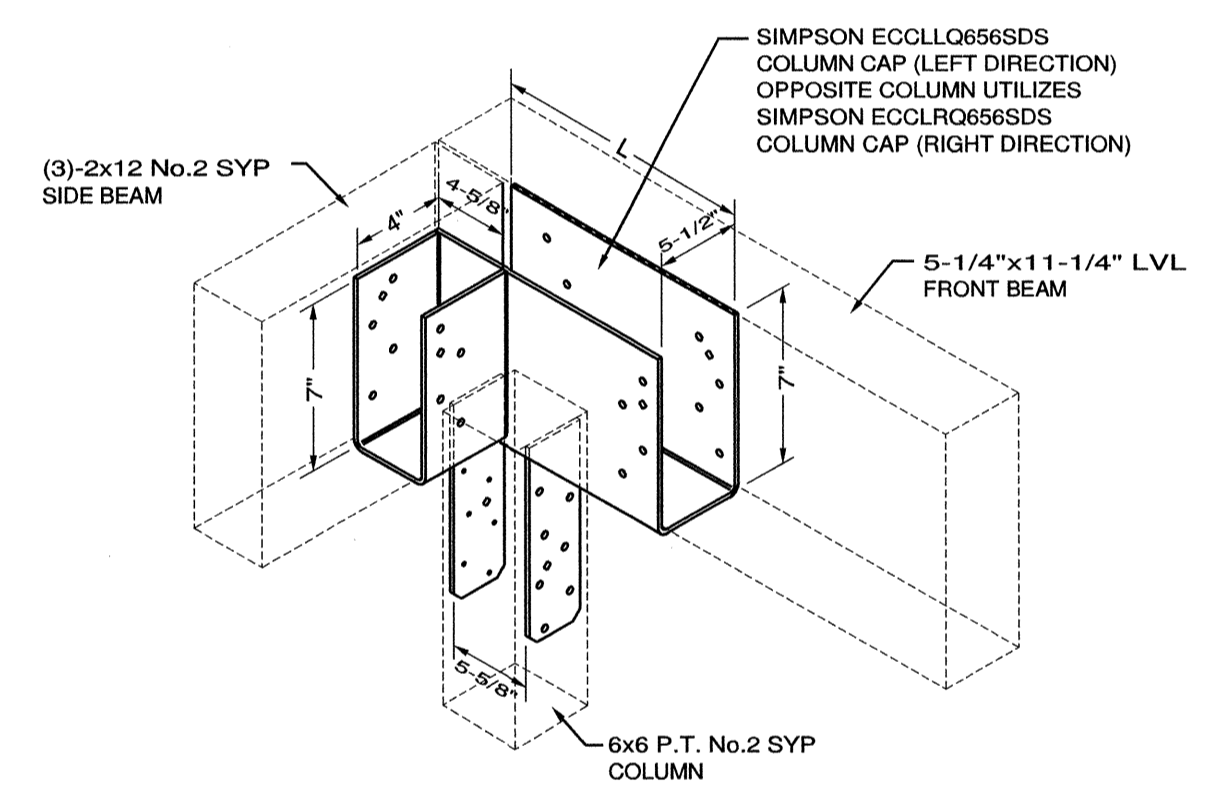
3 PARTITION WALL TO TRUSS CONNECTION
SCALE 1"=1'



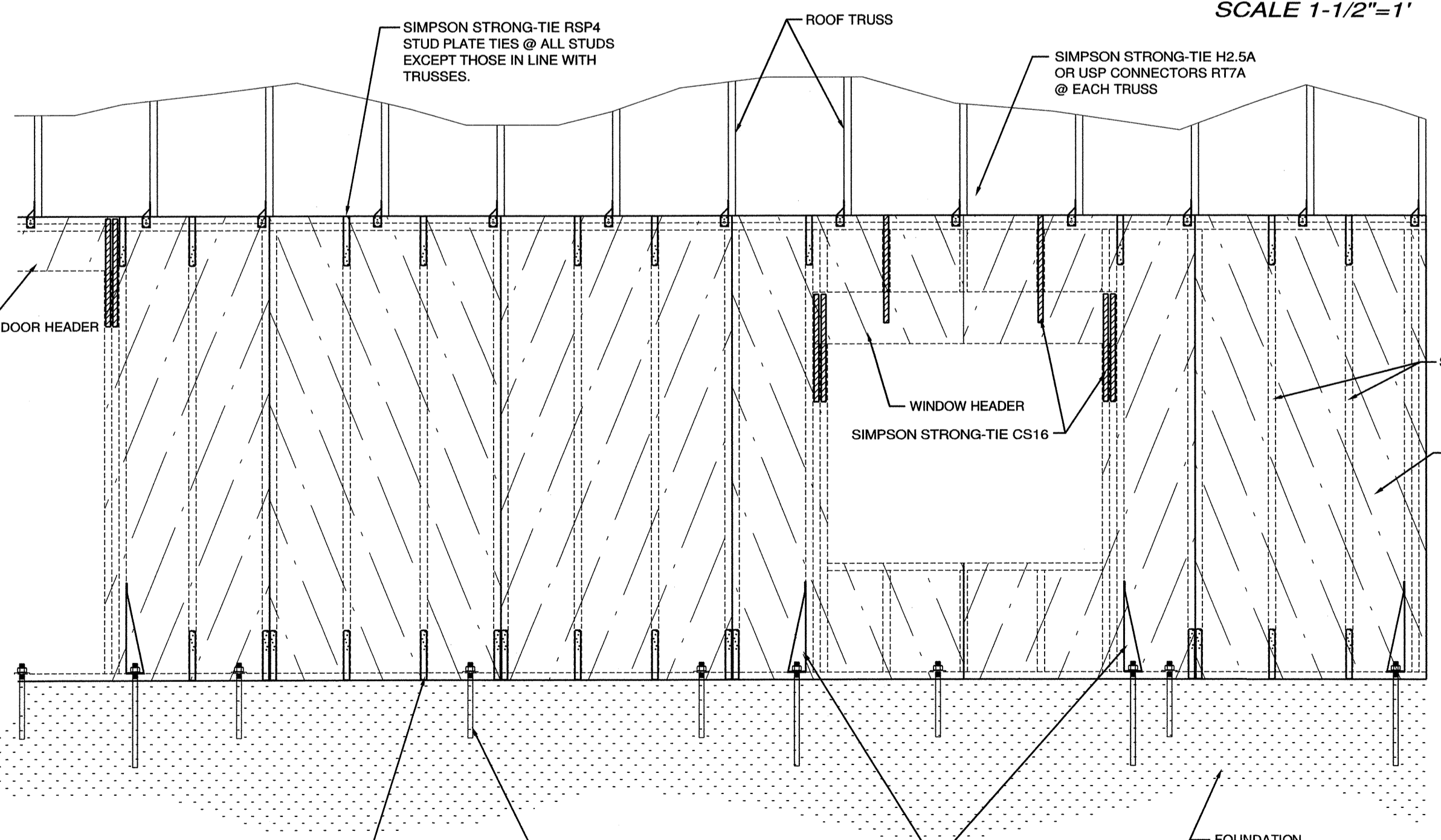
4 TRUSS BEARING AT HVAC HEADER
SCALE 1-1/2"=1'



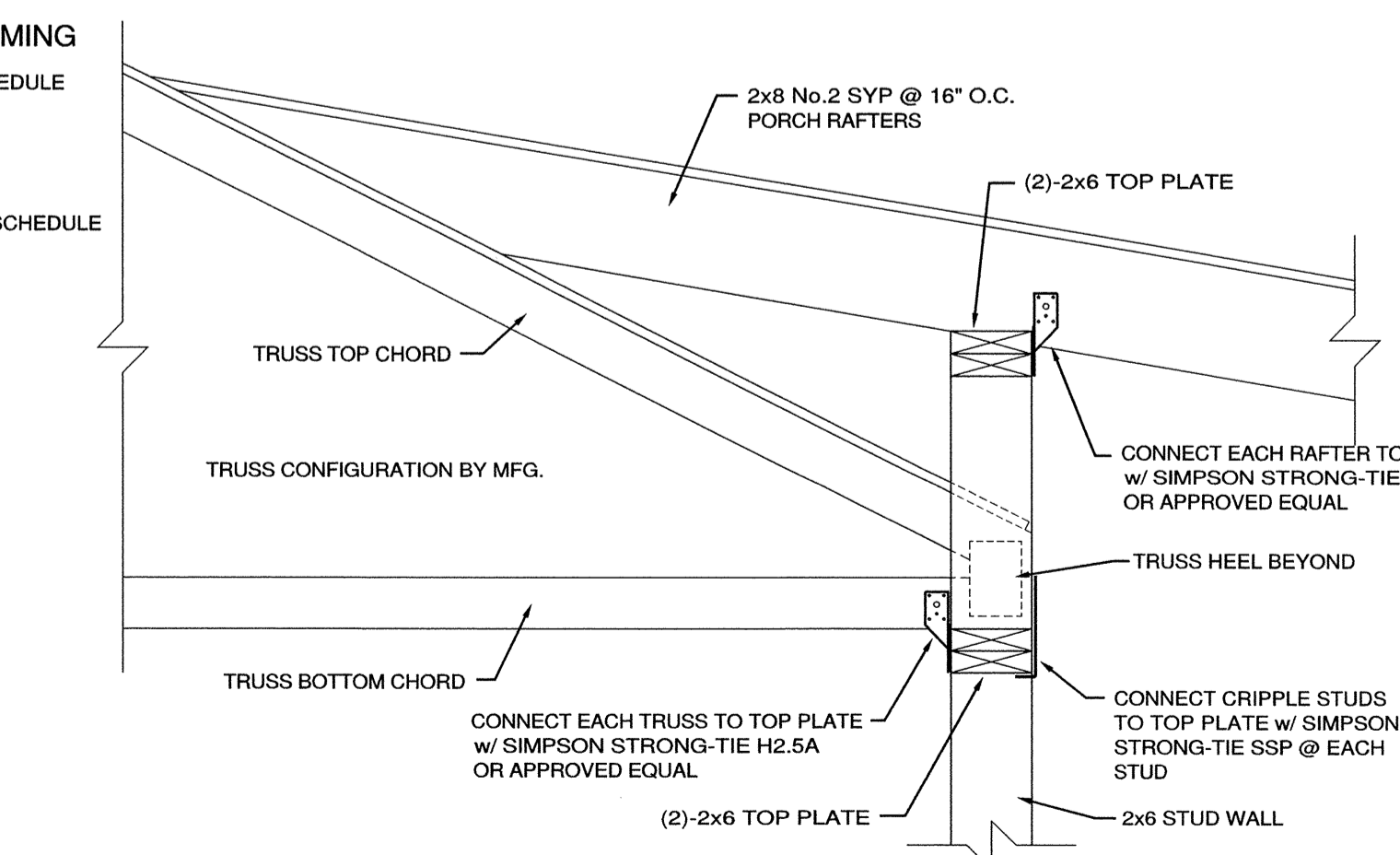
5 DETAIL OF ROOF DECKING



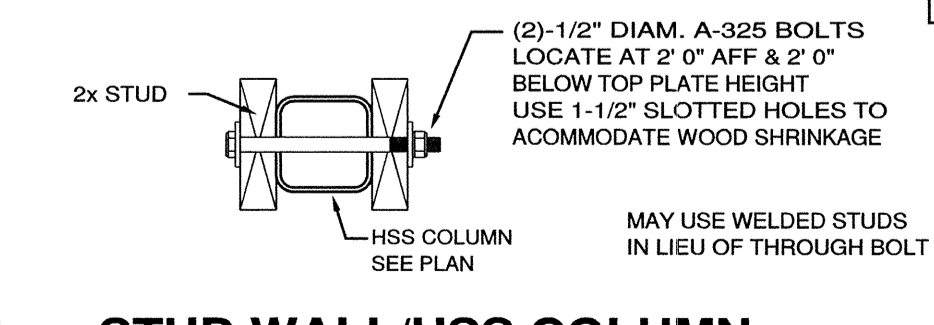
6 BEAM-COLUMN CONNECTION
SCALE 1-1/2"=1'



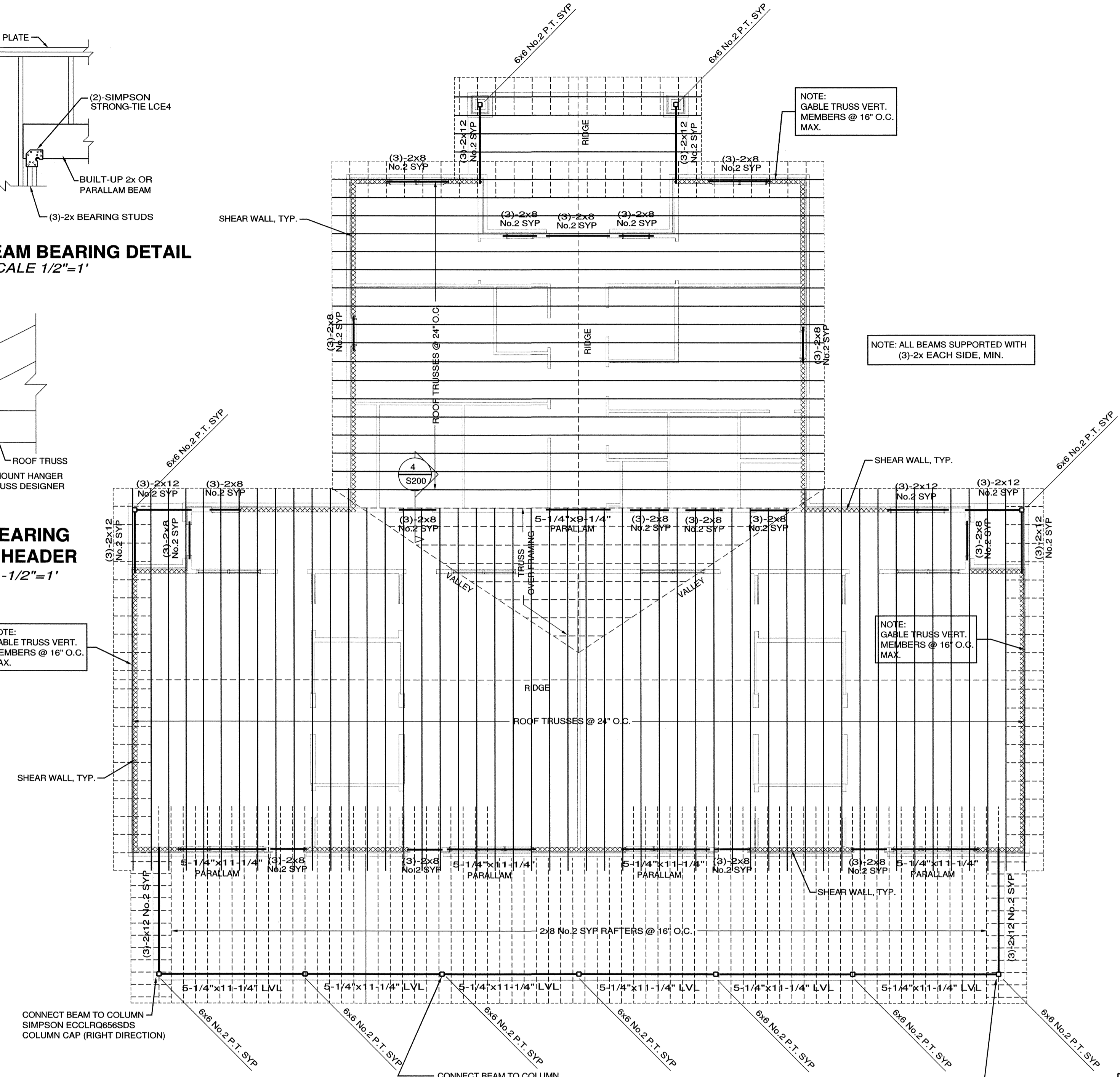
7 WALL FRAMING, SHEATHING & SHEAR TRANSFER ELEMENT
SCALE 1/2"=1'



8 RAFTER BEARING AT WALL
SCALE 1"=1'



9 STUD WALL/HSS COLUMN CONNECTION DETAIL
SCALE 1-1/2"=1'



FRAMING PLAN
SCALE 1/8"=1'

SHEATHING SCHEDULE & LATERAL TIES

SHEATHING
7/16" O.S.B. SHEATHING
EDGE NAILS = 8d @ 4" O.C.
FIELD NAILS = 8d @ 6" O.C.
MIN FASTNER PENETRATION = 1-3/8"

HOLDOWNS
SIMPSON STRONG-TIE HDU5-SDS2.5 OR USP CONNECTORS PHD4A
HOLDOWNS WITH 5/8" DIAM. ANCHOR BOLTS @ ENDS OF DESIGNATED SHEAR WALLS; MUST BE INSTALLED WITH MIN. (2) STUDS.

RAFTER TIES
SIMPSON STRONG-TIE H2.5A OR USP CONNECTORS RT7A @ EACH TRUSS OR RAFTER

WALL FRAMING SCHEDULE

EXTERIOR/INTERIOR LOAD BEARING
2x8 SPF No.2 @ 16" O.C. (MAX.)
FULLY SHEATHED W/ BLOCKING @ 1/3 POINTS

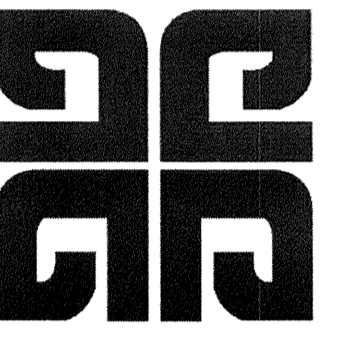
ROOF DECKING SCHEDULE

DECKING
5/8" O.S.B. RATED DECKING
EDGE NAILS = 10d (3"x0.148") @ 4" O.C.
FIELD NAILS = 10d (3"x0.148") @ 12" O.C.
PROVIDE BLOCKING @ ALL PANEL EDGES

ROOF TRUSS DESIGN LOADING

Top Chord Live Load = 20 psf
 Top Chord Dead Load = 15 psf
 Bottom Chord Live Load = 20 psf
 Bottom Chord Dead Load = 10 psf

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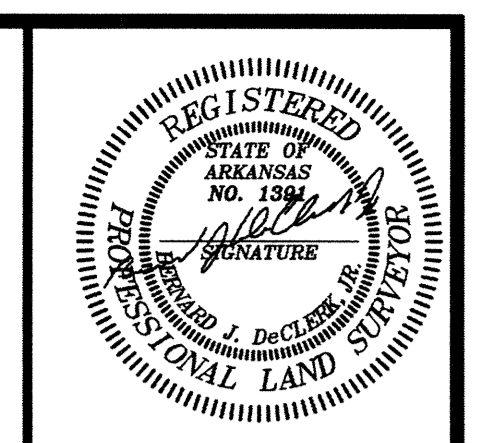
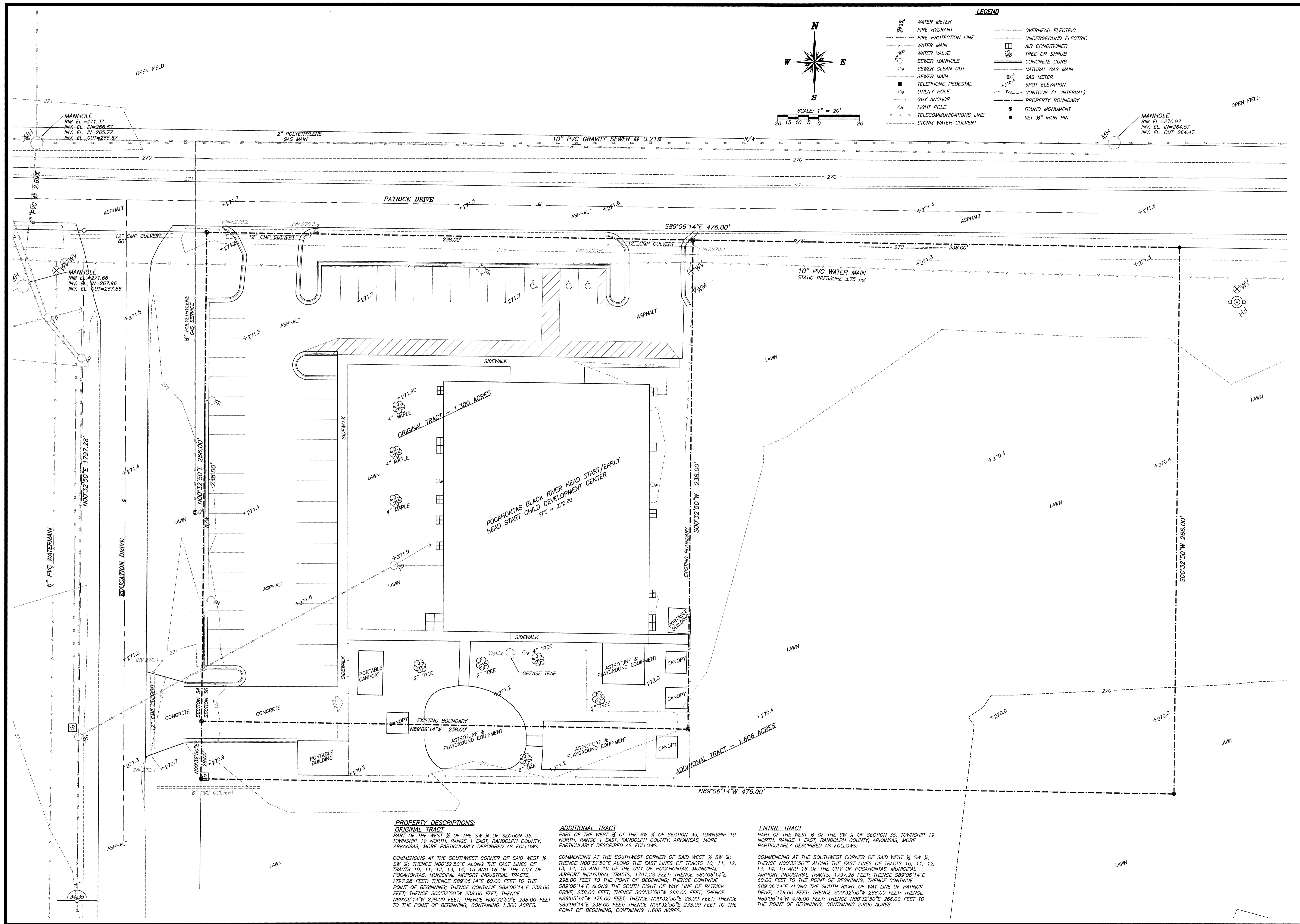
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architects

Revision Schedule	Issued by
Rev. Description	Rev. Date
Tag	



4/12/19
 Commission Number 14617
S200
 Date April 12, 2019

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 CIVIL & STRUCTURAL
 P.O. BOX 299 • MARION, AR 72364 • (870) 739-5533



REVISIONS	DESCRIPTION
No.	DATE

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114 Pyburn Street - P.O. Box 804
 Pocahontas, Arkansas 72455
 Phone: 870-892-9412
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BRAD HEAD START - BRTC CAMPUS
 Brackett-Krennerich Architects
 POCAHONTAS, ARKANSAS

TOPOGRAPHIC SURVEY

SCALE: 1" = 20'
 DATE: December 2018