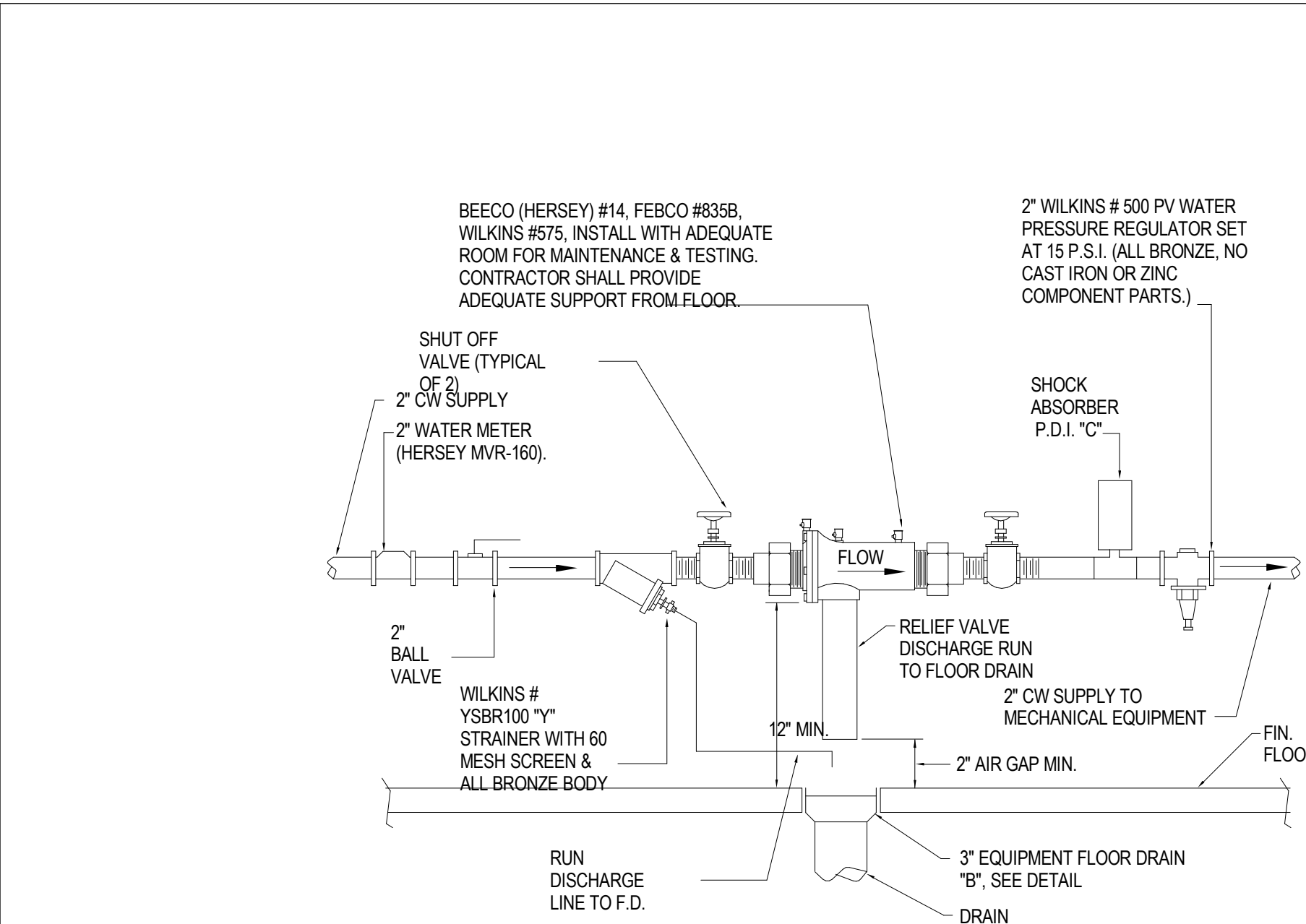
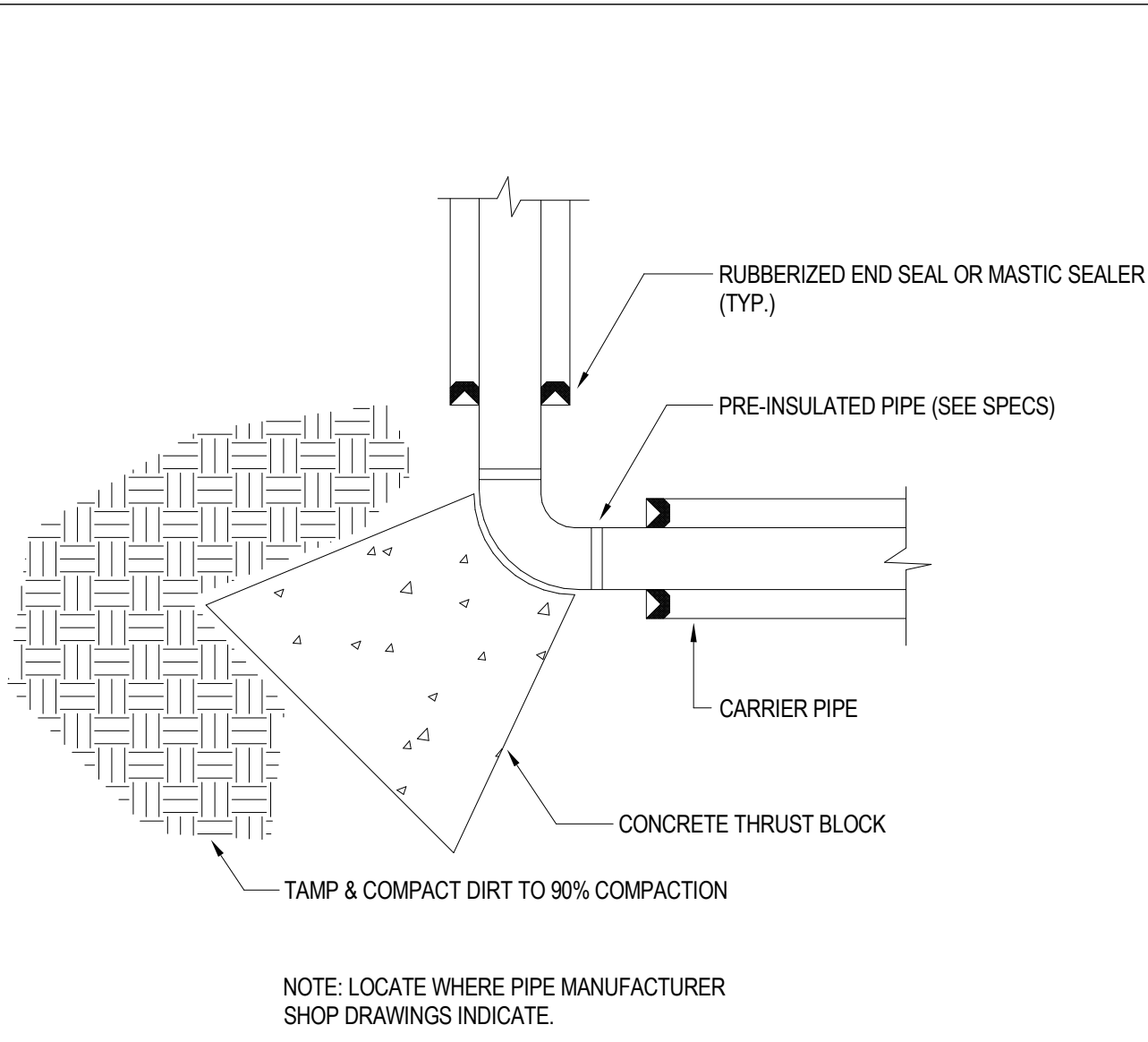


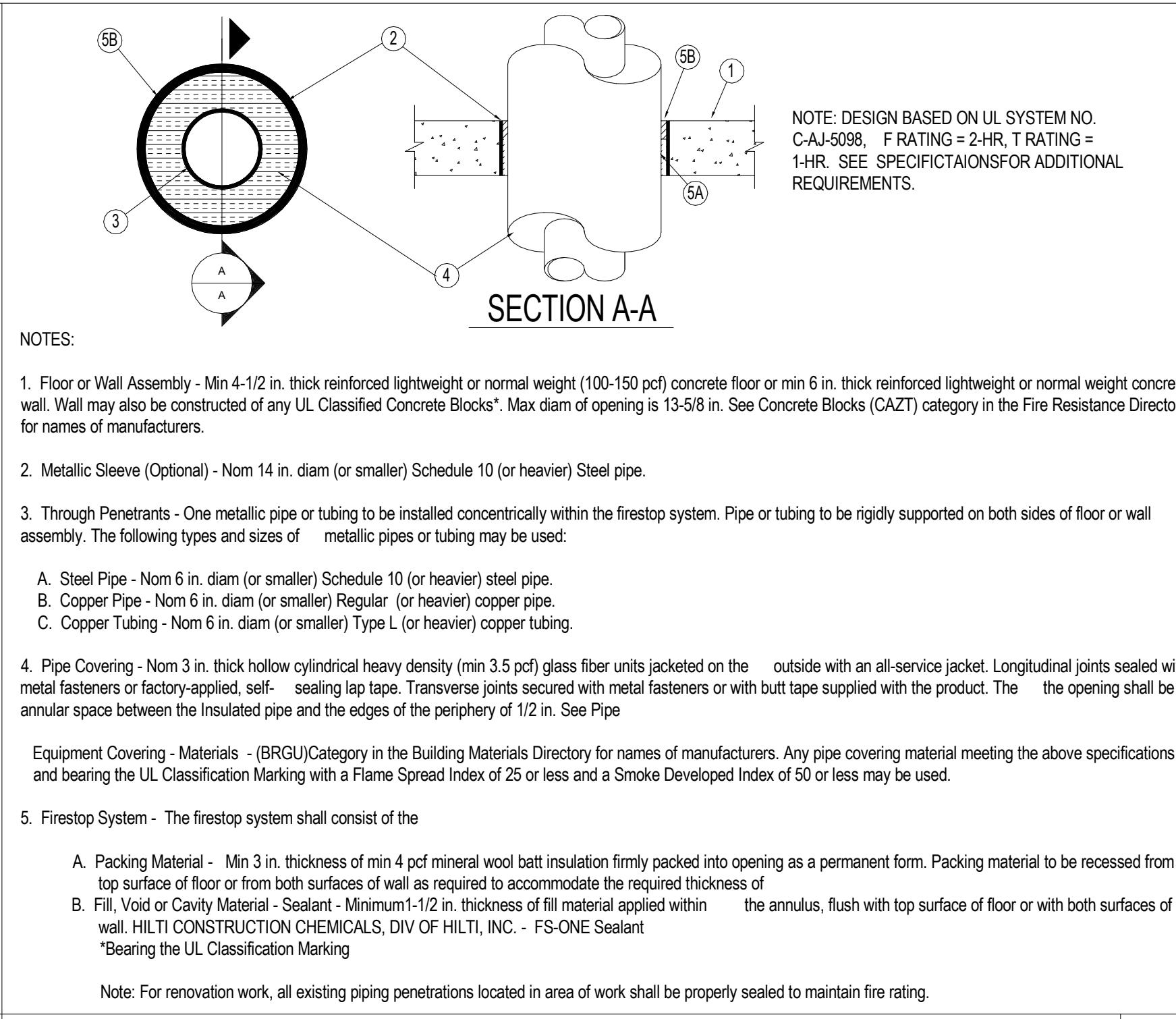
three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot



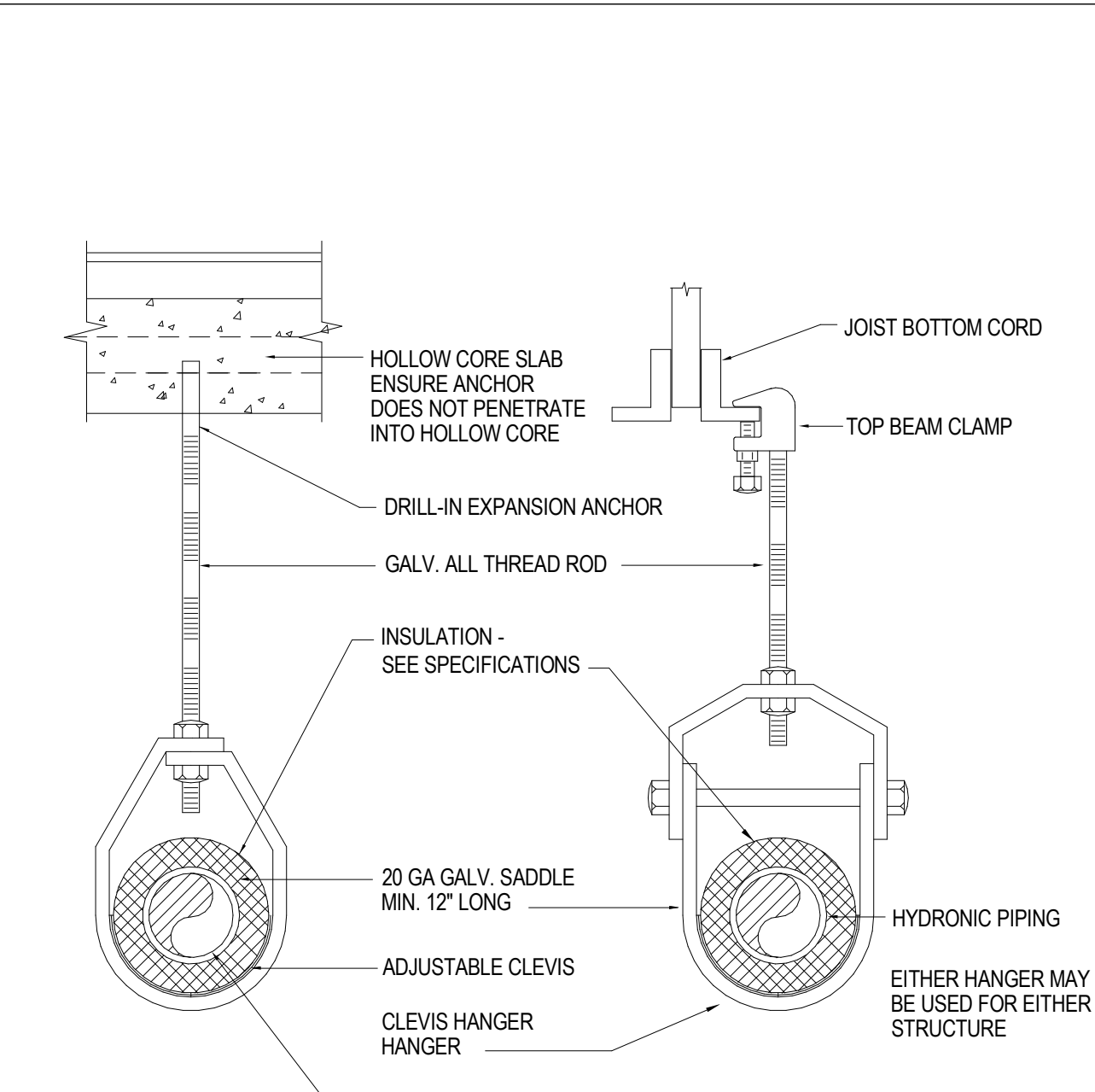
REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTION DEVICE DETAIL  
NOT TO SCALE



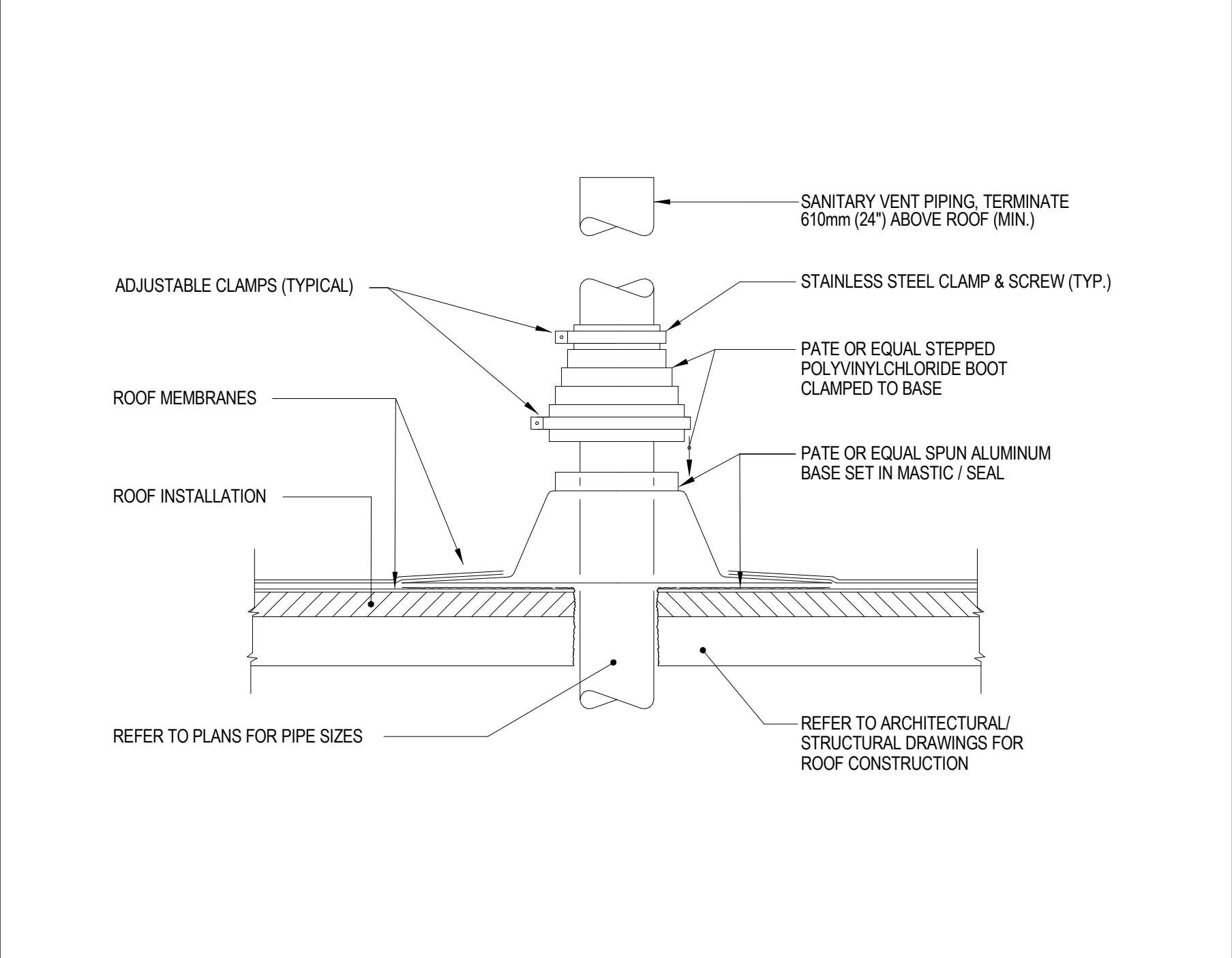
THRUST BLOCK OF ELBOW  
NOT TO SCALE



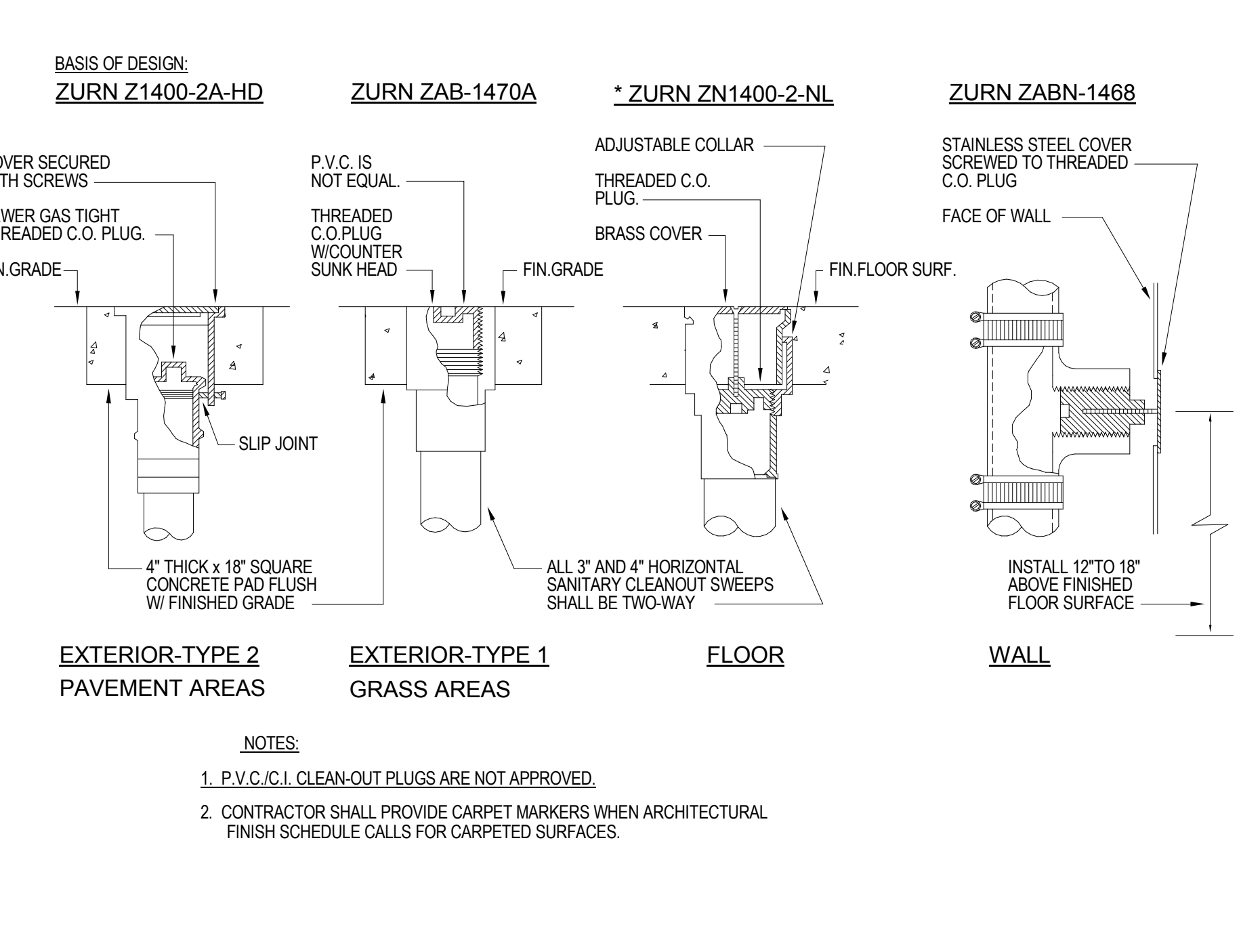
PIPE FIRE WALL PENETRATION - 1 OR 2 HOUR  
NOT TO SCALE



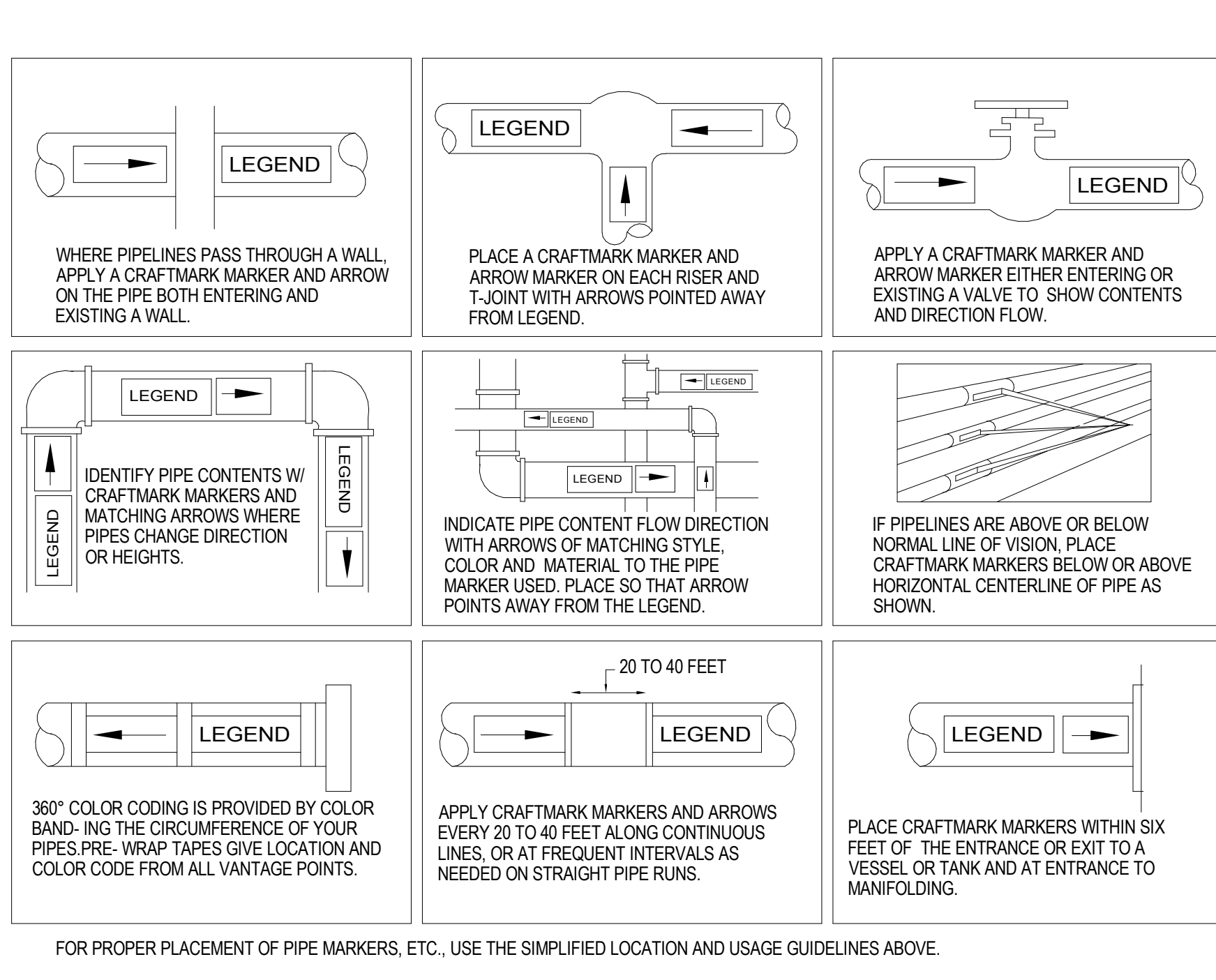
LARGE DIAMETER PIPE HANGER DETAIL  
NOT TO SCALE



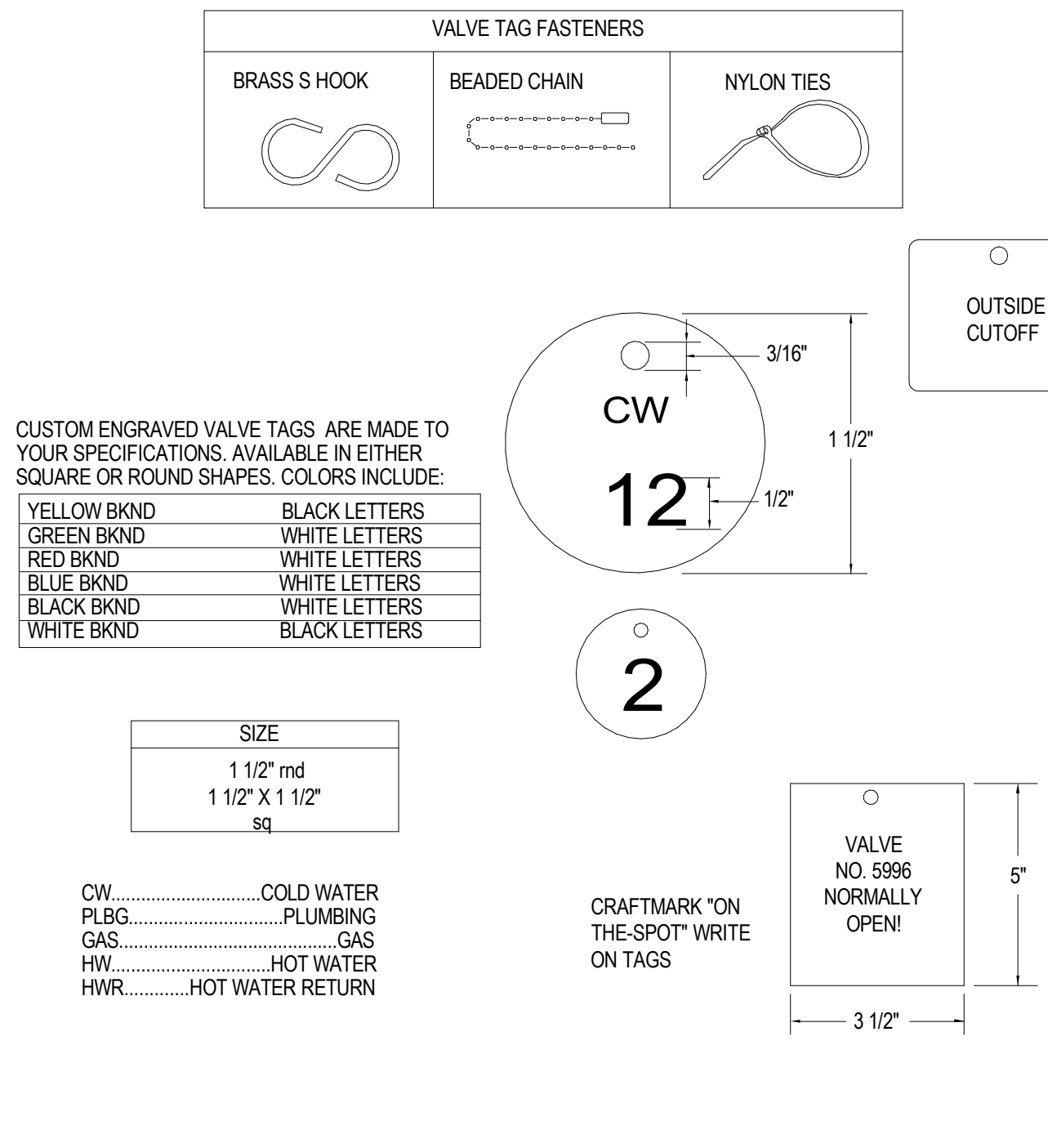
SANITARY VENT THROUGH ROOF DETAIL  
NOT TO SCALE



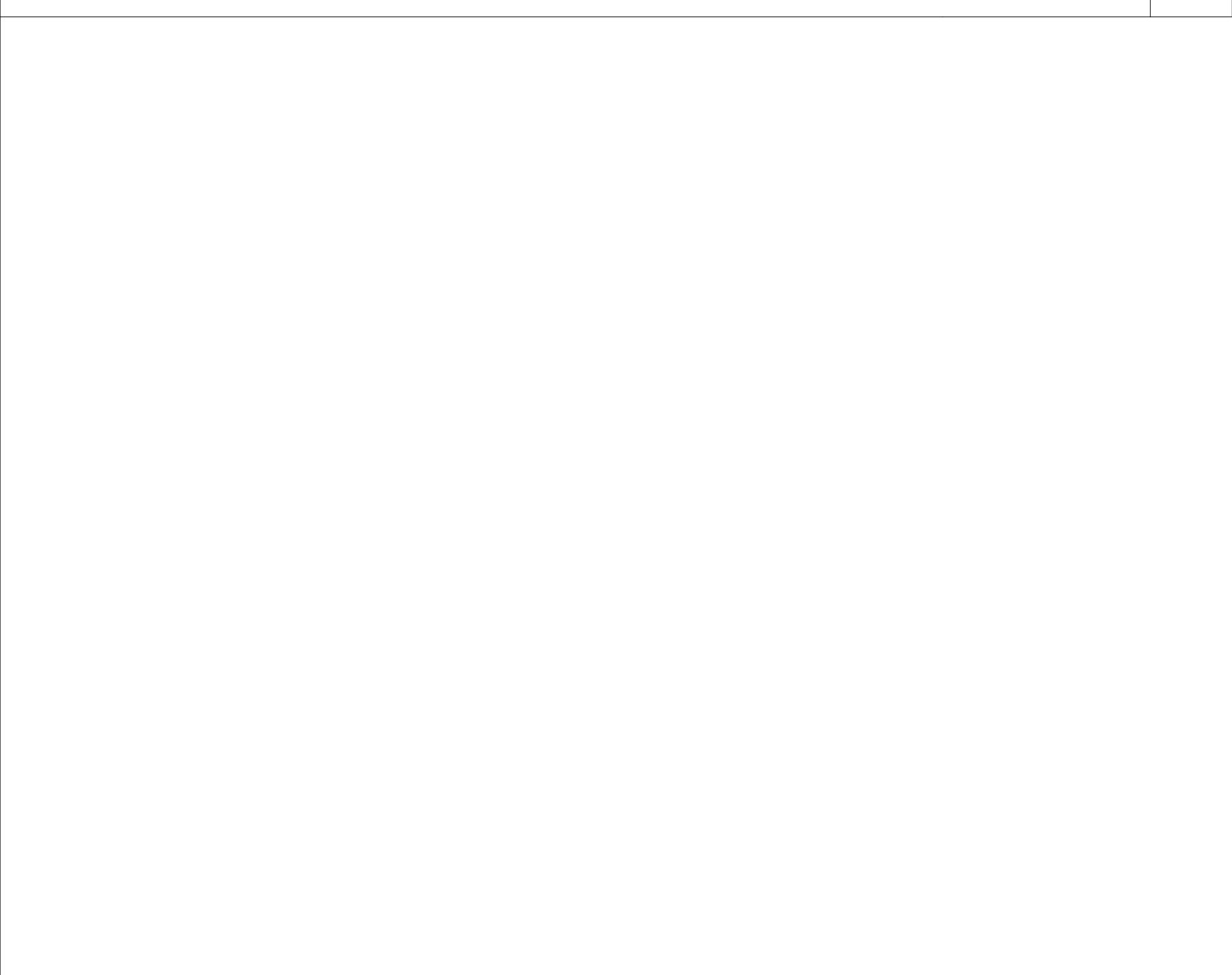
TYPICAL CLEANOUT DETAIL  
NOT TO SCALE



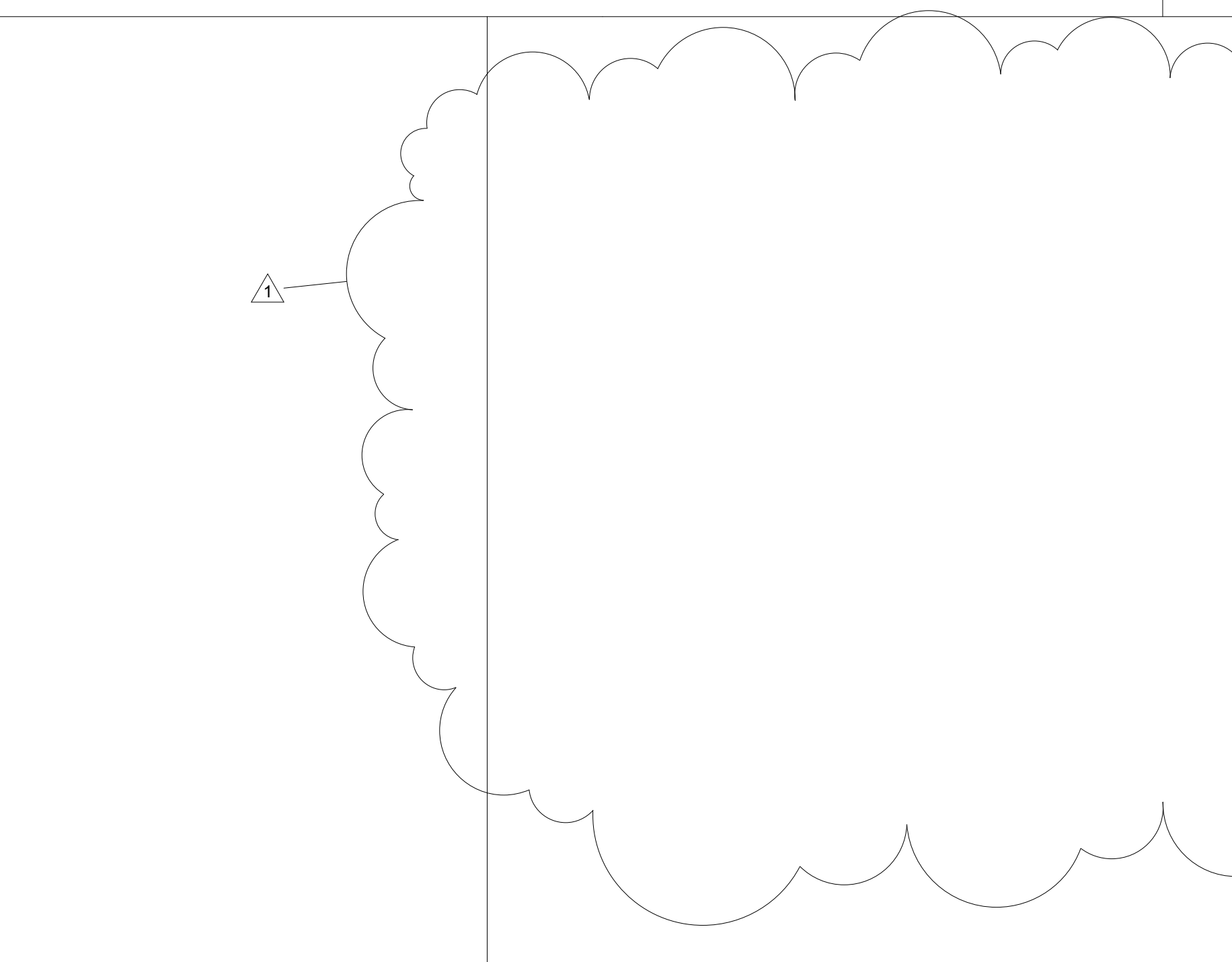
PIPE LABEL LOCATION AND USAGE GUIDELINES  
NOT TO SCALE



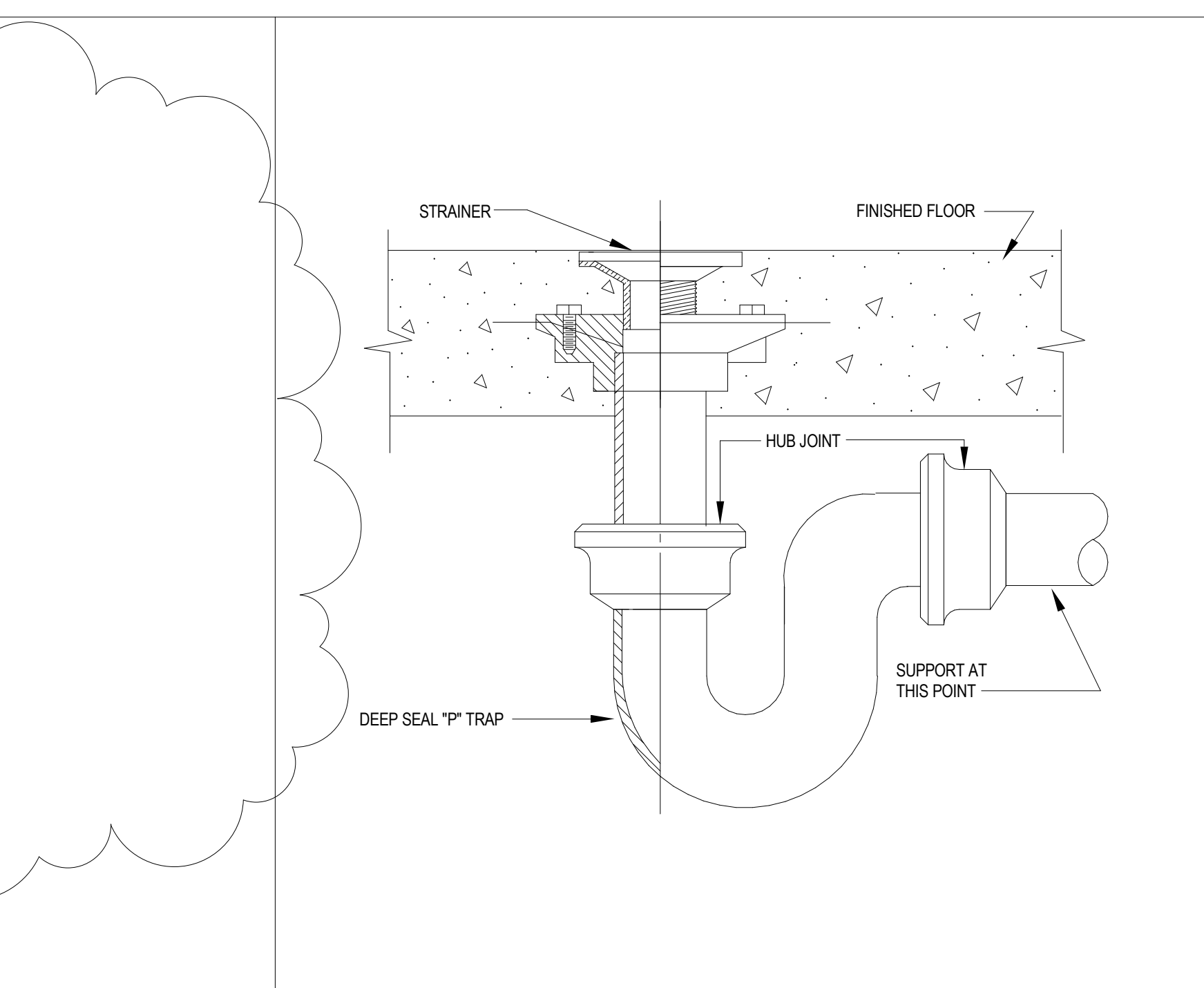
BRASS VALVE TAG DETAILS  
NOT TO SCALE



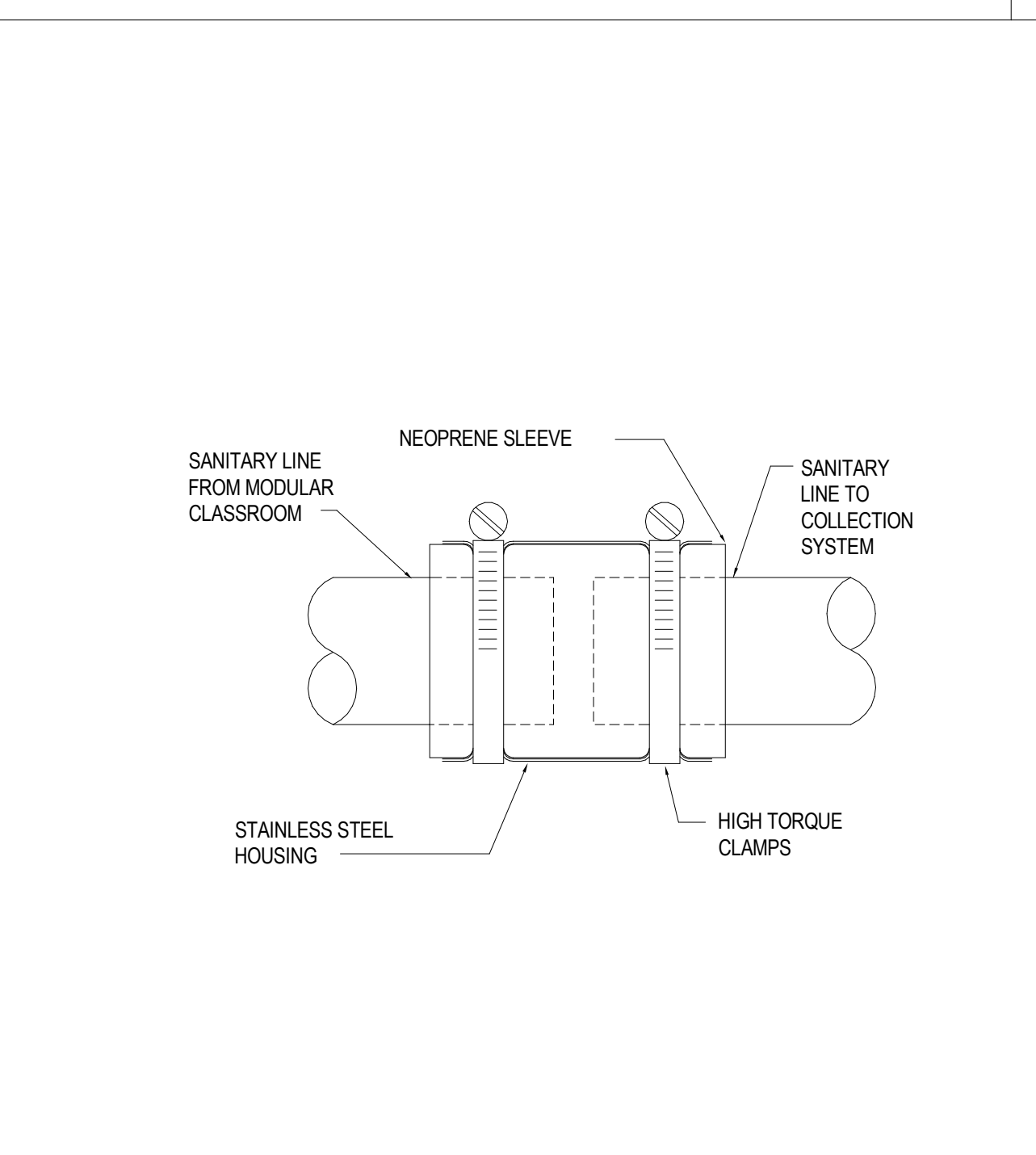
NOT USED  
NOT TO SCALE



NOT USED  
NOT TO SCALE



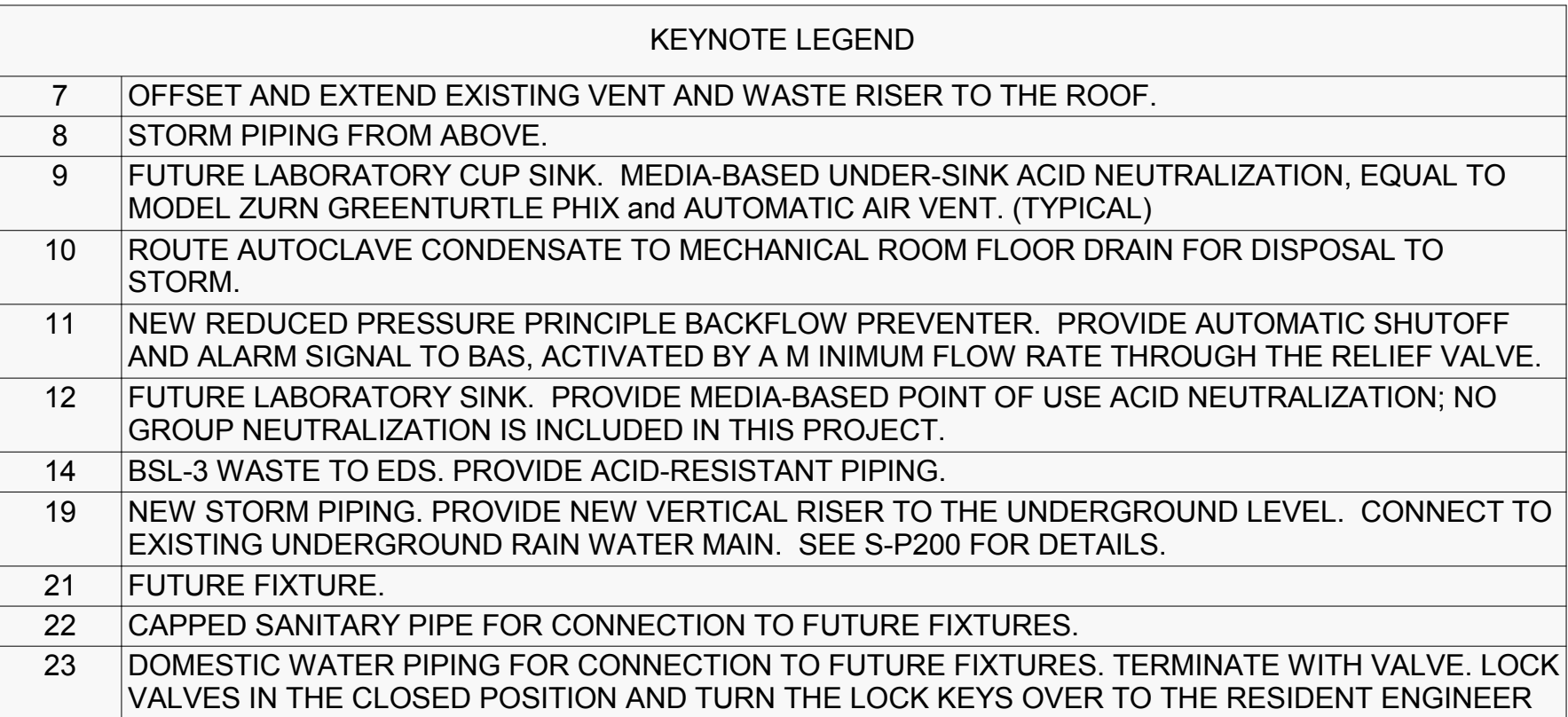
FLOOR DRAIN DETAIL  
NOT TO SCALE



SANITARY CONNECTION DETAIL  
NOT TO SCALE

FINAL DESIGN  
APPROVED FOR CONSTRUCTION

ADDENDUM 1	DATE: 07/20/17
CONSULTANTS:	
<b>GRAEF</b>	
2300 Maitland Center Parkway, Suite 210 Maitland, FL 32751 Phone: (407) 659-0553 Fax: (407) 659-0609	
ENGINEER-OF-RECORD JOSE L. GARCIA FL. P.E. NO. 60785	
ARCHITECT/ENGINEERS:	
<b>AKEA INC.</b>	
3603 NW 98th Street, Suite B Gainesville, FL 32606 Phone: (352) 474-6124 Fax: (352) 474-6324 AKEA Project No. 039-12	
Drawing Title <b>PLUMBING DETAILS</b>	
Approved: Project Director	
Project Title <b>VAMC AT LAKE NONA BUILD NEW RESEARCH SPACE</b>	
Location <b>Orlando, Florida</b>	
Date <b>JUNE 17, 2016</b>	Checked <b>JRL</b>
Drawn <b>CSF</b>	
Project Number <b>675-900</b>	
Building Number <b>13</b>	
Drawing Number <b>S-P002</b>	
116 OF 176	
Office of Construction and Facilities Management	



b. Contractor is responsible for coordinating work with other trades and existing conditions.

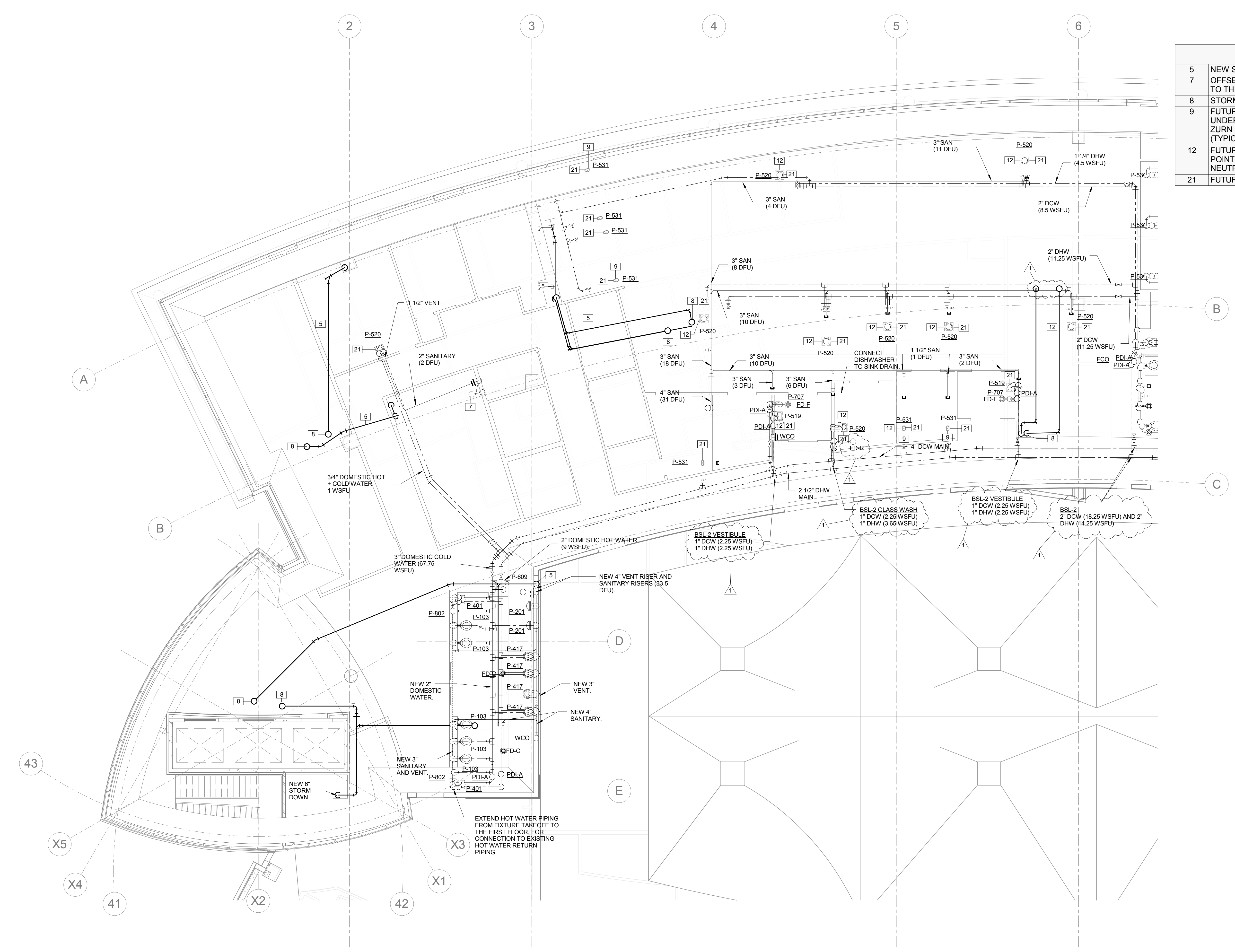
$$3/32'' = 1'-0''$$


## FINAL DESIGN

VA FORM 08-6231



three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot



KEYNOTE LEGEND	
5	NEW STORM DRAIN PIPING. CONNECT TO EXISTING
7	OFFSET AND EXTEND EXISTING VENT AND WASTE RISER TO THE ROOF.
8	STORM PIPING FROM ABOVE.
9	FUTURE LABORATORY CUP SINK. MEDIA-BASED UNDER-SINK ACID NEUTRALIZATION. EQUAL TO MODEL ZURN GREENTURTLE PHIX and AUTOMATIC AIR VENT. (TYPICAL)
12	FUTURE LABORATORY SINK. PROVIDE MEDIA-BASED POINT OF USE ACID NEUTRALIZATION; NO GROUP NEUTRALIZATION IS INCLUDED IN THIS PROJECT.
21	FUTURE FIXTURE.

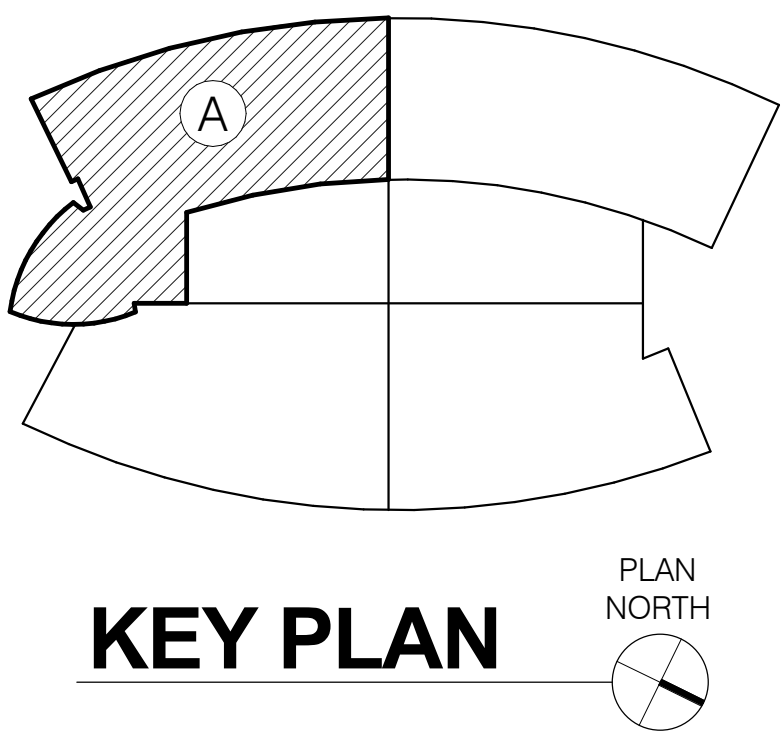
GENERAL NOTES:

a. All work shall comply with the requirements of the International Building Code and International Plumbing Code.


b. Contractor is responsible for coordinating work with other trades and existing conditions.

LEVEL 2 - PLUMBING - PART PLAN - AREA A (1 OF 2)

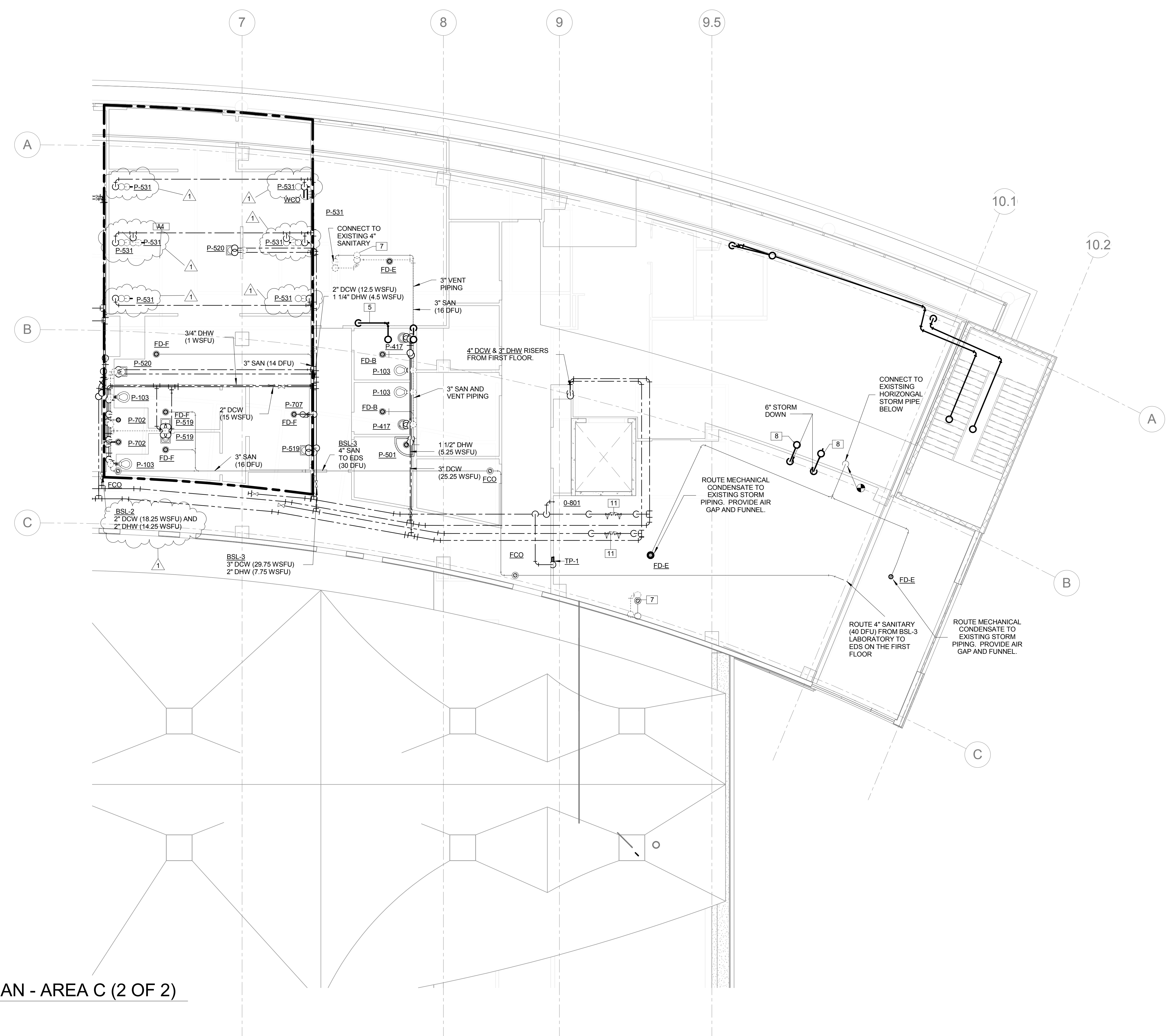
1/8" = 1'-0"



FINAL DESIGN  
APPROVED FOR CONSTRUCTION

ADDENDUM 1		A-04/07/2017		CONSULTANTS:		ENGINEER-OF-RECORD CALEB FREEMAN		FL P.E. NO. 746024		ARCHITECT/ENGINEERS:		Drawing Title		Project Title		Project Number		Office of Construction and Facilities Management			
				<div>GRÄEF</div> <div>2300 Maitland Center Parkway, Suite 210 Maitland, FL 32751 Phone: (407) 659-0553 Fax: (407) 659-0609</div>		<div></div>		<div>AKEA INC.</div> <div>3603 NW 98th Street, Suite B Gainesville, FL 32606 Phone: (352) 474-6124 Fax: (352) 474-6324 AKEA Project No. 039-12</div>		LEVEL 2 - PLUMBING - PART PLAN - AREA A (1 OF 2)		VAMC AT LAKE NONA BUILD NEW RESEARCH SPACE		675-900							
Building Number		13																			
Revisions:		Date										Approved: Project Director		Location Orlando, Florida		Drawing Number					
														Date JUNE 17, 2016		Checked JRL		Drawn CSF		S-P221 127 OF 176	

three inches = one foot  
one and one half inches = one foot  
one inch = one foot  
three quarters inch = one foot  
one half inch = one foot  
three eighths inch = one foot  
one quarter inch = one foot  
one eighth inch = one foot



KEYNOTE LEGEND	
5	NEW STORM DRAIN PIPING. CONNECT TO EXISTING
7	OFFSET AND EXTEND EXISTING VENT AND WASTE RISER TO THE ROOF
8	STORM PIPING FROM ABOVE
10	ROUTE AUTOCLAVE CONDENSATE TO MECHANICAL ROOM FLOOR DRAIN FOR DISPOSAL TO STORM
11	NEW REDUCED PRESSURE/PRINCIPLE BACKFLOW PREVENTER. PROVIDE AUTOMATIC SHUTOFF AND ALARM SIGNAL TO BAS, ACTIVATED BY A MINIMUM FLOW RATE THROUGH THE RELIEF VALVE.

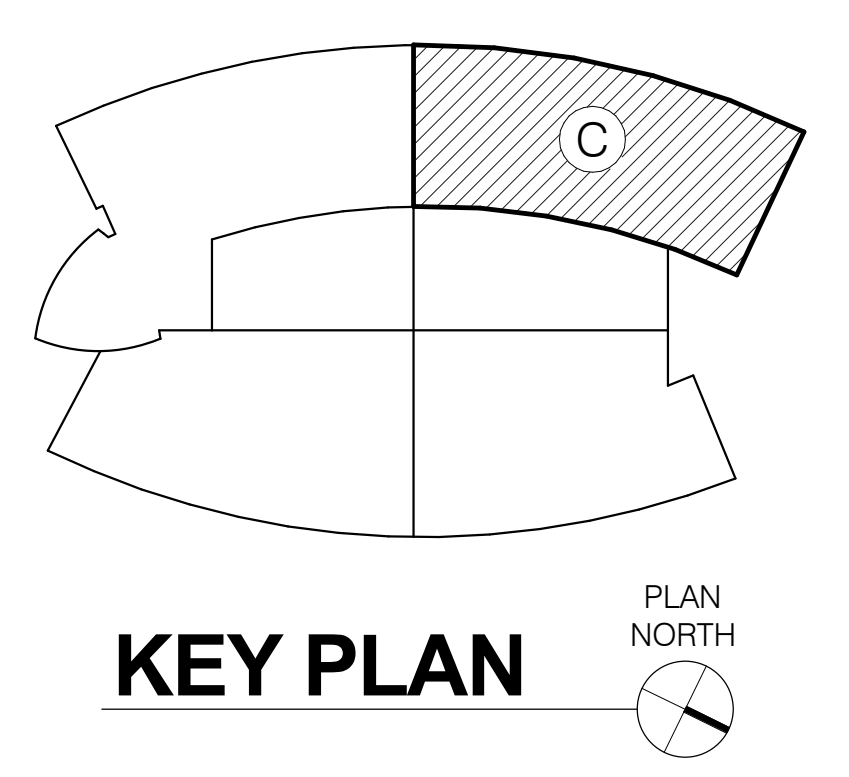
**GENERAL NOTES:**

a. All work shall comply with the requirements of the International Building Code and International Plumbing Code.

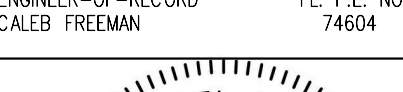
b. Contractor is responsible for coordinating work with other trades and existing conditions.

LEVEL 2 - PLUMBING PART PLAN - AREA C (2 OF 2)

1/8" = 1'-0"



FINAL DESIGN  
APPROVED FOR CONSTRUCTION

<div>ADDENDUM 1</div>		<div>APR 07 2017</div>		<div>CONSULTANTS:</div>		<div>ENGINEER-OF-RECORD CALER FREEMAN</div>		<div>FL P.E. NO. 74604</div>		<div>ARCHITECT/ENGINEERS:</div>		<div>Drawing Title</div>		<div>Project Title</div>		<div>Project Number</div>		<div>Office of Construction and Facilities Management</div>	
				<div>GRAEF</div> <div>2300 Maitland Center Parkway, Suite 210 Maitland, FL 32751 Phone: (407) 659-0553 Fax: (407) 659-0609</div>		<div></div>		<div>AKEA INC.</div> <div>3603 NW 98th Street, Suite B Gainesville, FL 32606 Phone: (352) 474-6124 Fax: (352) 474-6324 AKEA Project No. 039-12</div>		<div>LEVEL 2 - PLUMBING PART PLAN - AREA C (2 OF 2)</div>		<div>VAMC AT LAKE NONA BUILD NEW RESEARCH SPACE</div>		<div>675-900</div>					
												<div>Approved: Project Director</div>		<div>Location Orlando, Florida</div>		<div>Building Number 13</div>			
<div>Revisions:</div>		<div>Date</div>										<div>Date JUNE 17, 2016</div>		<div>Checked JRL</div>	<div>Drawn CSF</div>	<div>Drawing Number</div>			
																<div>S-P222</div> <div>128 OF 176</div>			