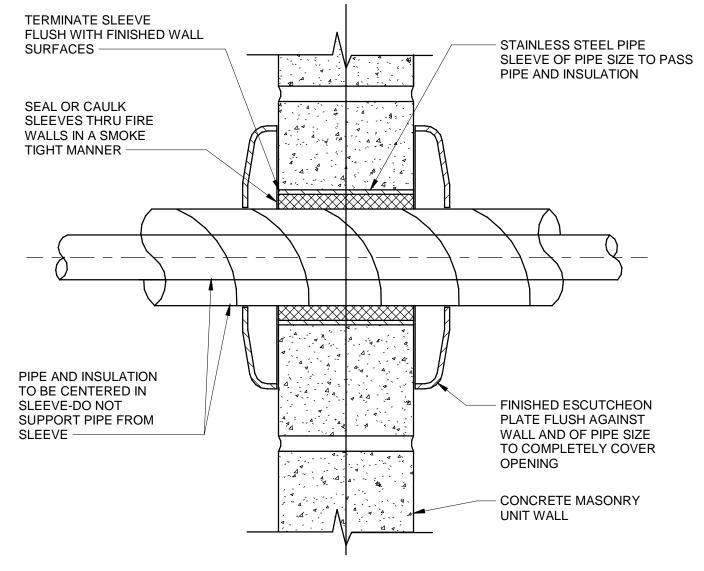
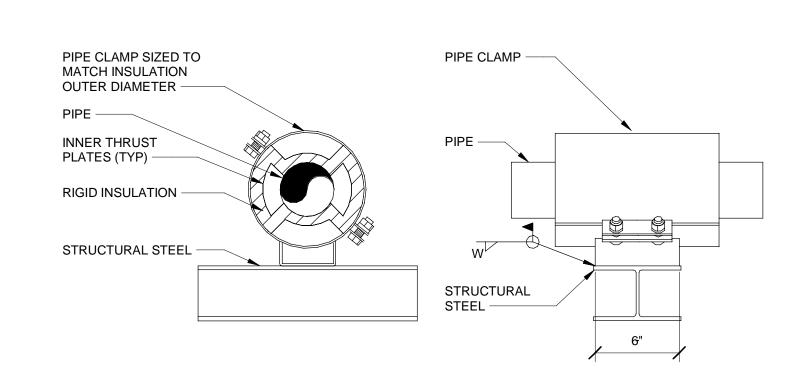


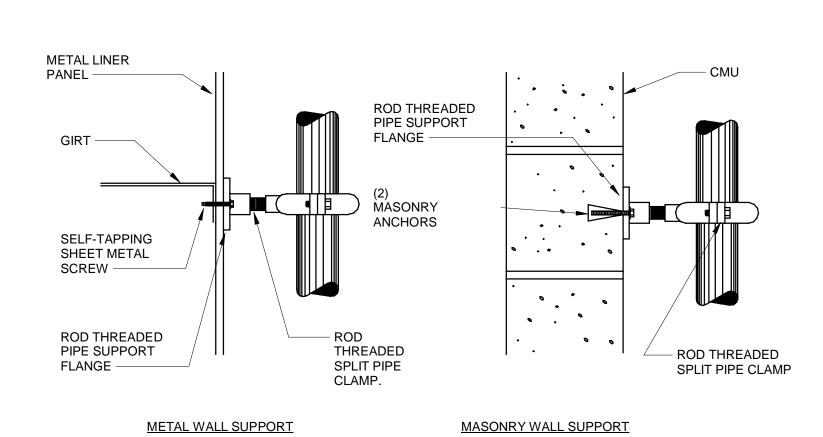
D1 PIPE SLEEVE THRU EXTERIOR WALL SCALE NTS



C1 PIPE SLEEVE THRU INTERIOR WALL SCALE NTS

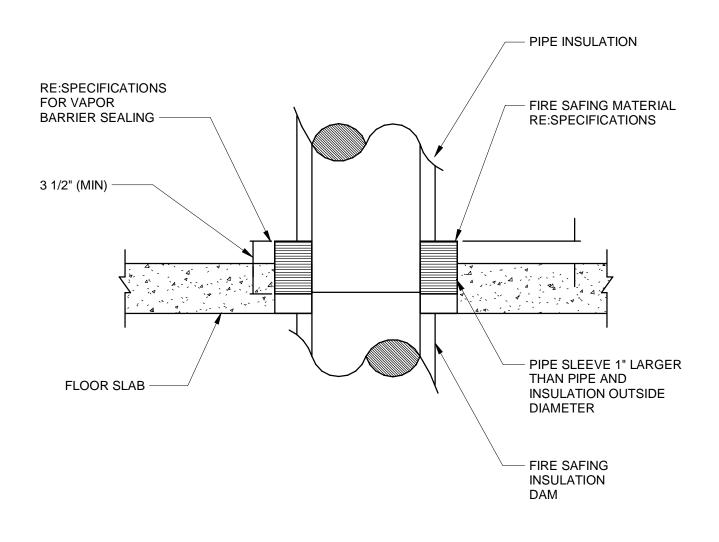


B1 EXTERIOR INSULATED PIPE SUPPORT ANCHOR DETAIL

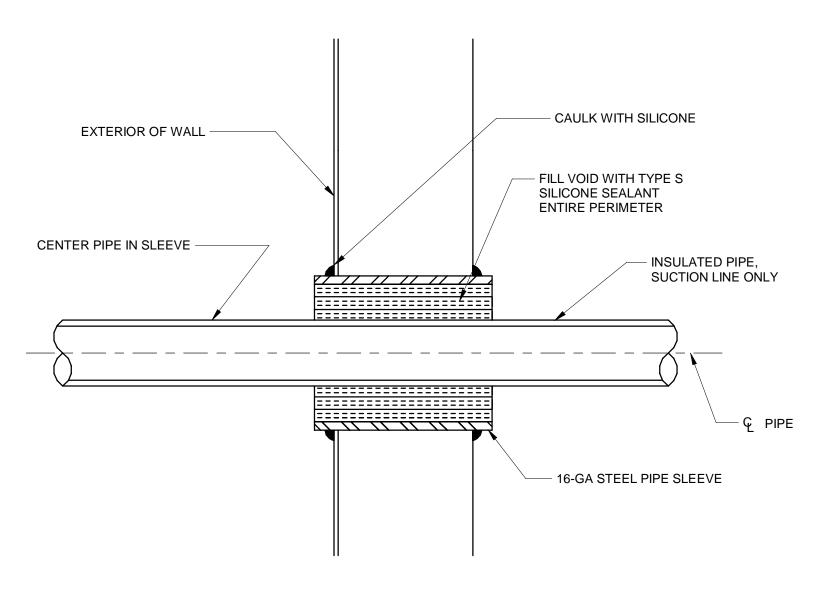


NOTE:
MASONRY ANCHOR SHALL BE EPOXY ADHESIVE TYPE WITH A MINIMUM
CAPACITY OF 150 LBf AND SHEAR CAPACITY OF 300 LBf. SUBMIT
MANUFACTURER'S DATA FOR APPROVAL

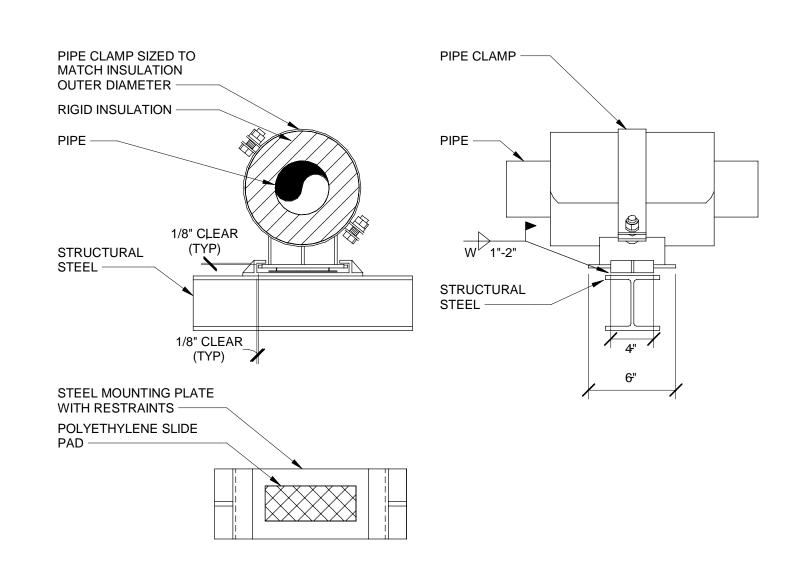
A1 TYPICAL WALL PIPE SUPPORT DETAIL
SCALE NTS



PIPE SLEEVE WITH FIRESTOP



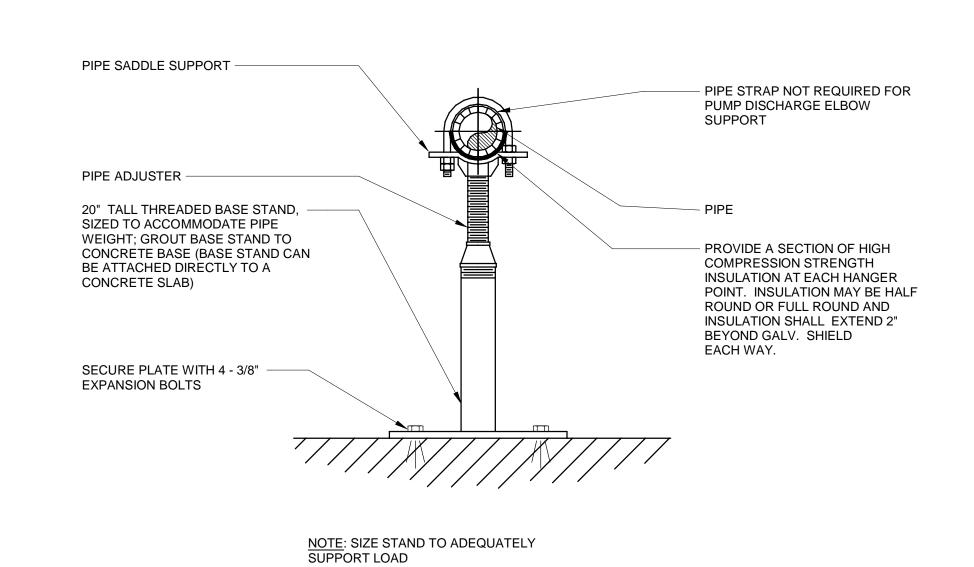
REFRIGERANT PIPE SLEEVE THRU EXTERIOR WALL

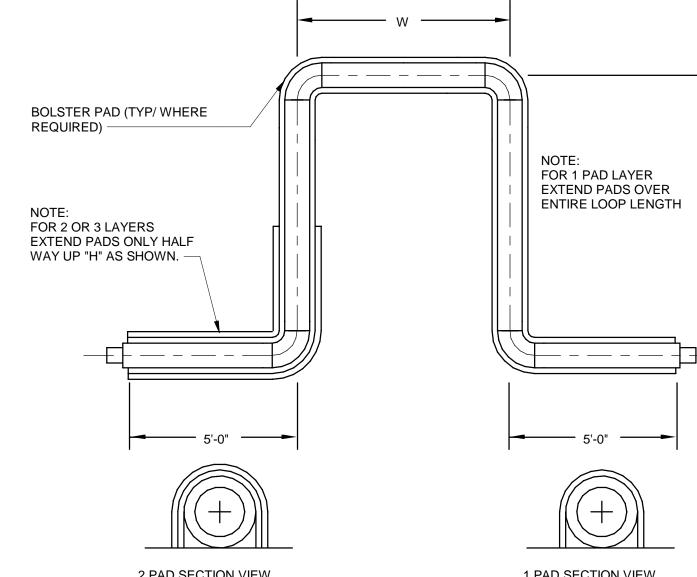


B3 EXTERIOR INSULATED PIPE SUPPORT WITH LATERAL GUIDES

FLOOR PIPE SUPPORT DETAIL

SCALE NTS





2 PAD SECTION VIEW

NOTES:

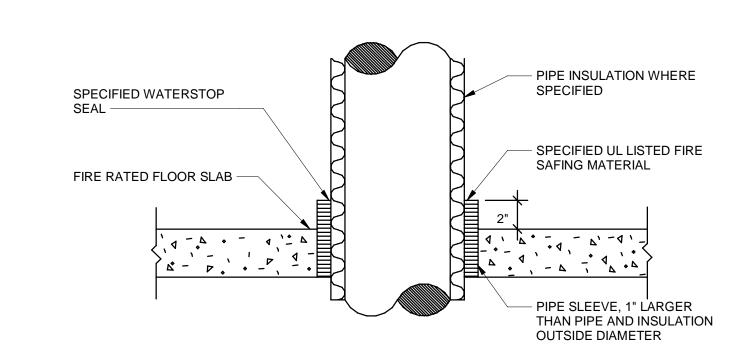
1. SIZE LOOPS IN HOT WATER SUPPLY PIPE TO NEST AROUND HOT WATER RETURN LOOP WHILE MAINTAINING UNIFORM PIPE SPACING.

2. PROVIDE BOLSTER PAD AROUND ENTIRE LENGTH OF ALL PIPES IN EXPANSIONS LOOP.

3. INSTALL EXPANSION LOOP CENTERED ON LONG VERTICAL RUN OF PIPE.

PROVIDE MOMENT GUIDE BLOCKS AT A DISTANCE OF 12'-6" AWAY FROM LOOP ON BOTH SIDES OF LOOP.



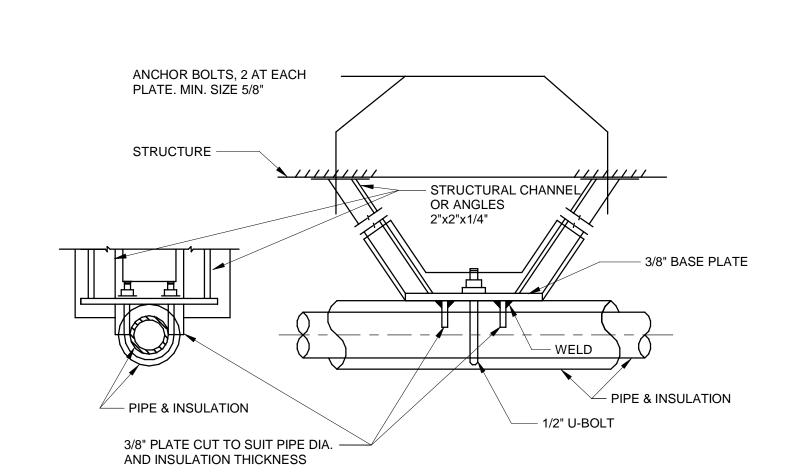


NOTES:

 FIRE SAFING OF UNINSULATED PIPING IS SIMILAR

 FIRE SAFING MATERIAL SHALL BE INSTALLED IN STRICT ACCORDANCE WITH THE MANUFACTURER'S UL LISTED INSTALLATION INSTRUCTIONS

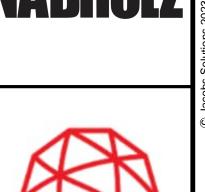
B5 TYPICAL PIPE FLOOR SLEEVE WITH FIRESTOP



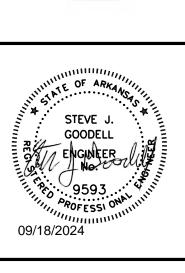
NOTE: INSULATE ANCHOR AS INDICATED FOR COLD PIPING.

A5 HORIZONTAL PIPE ANCHOR DETAIL
SCALE NTS









09/18/2024								
sqc	Dallas, TX 75201 Fax 214-638-0447	c. License Exp Date: 12/31/2024						
Jaco	3ryan Street Suite 3500 4-638-0145	Jacobs Engineering Group Inc. e Type: Engineering						

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			- EXPANSION	Z		SJG			
							APVD		