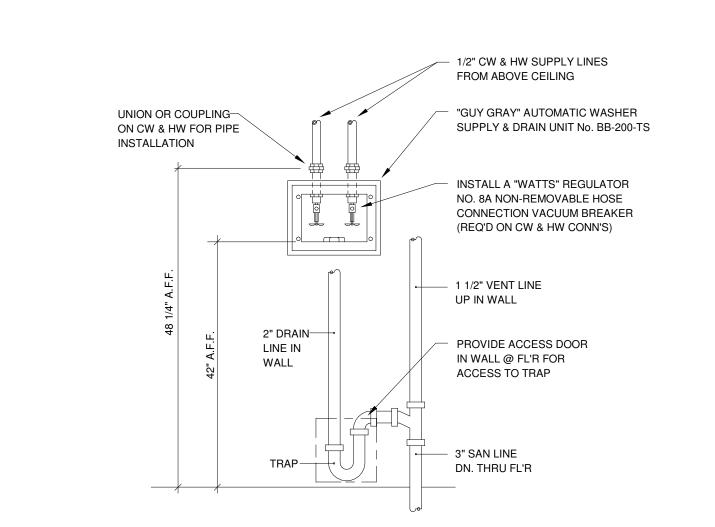
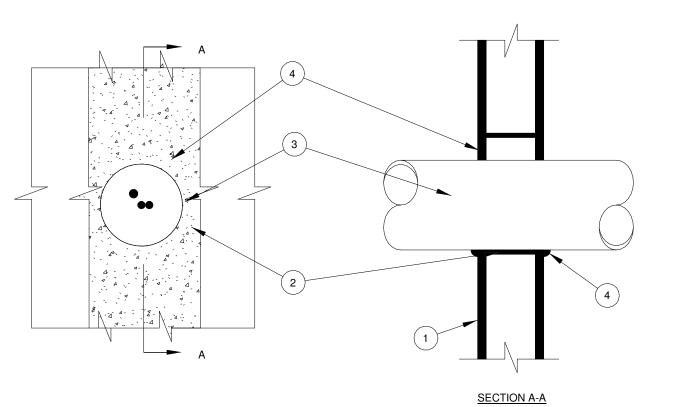
ROOF PIPE SUPPORT DETAILS N.T.S.



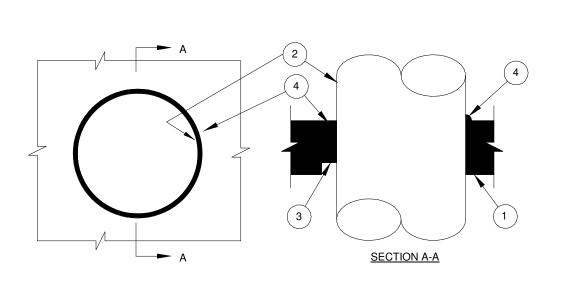




1. 1 OR 2 HR FIRE-RATED GYPSUM WALLBOARD/STUD WALL ASSEMBLY. 2. SCHEDULE 40 (OR HEAVIER) STEEL PIPE SLEEVE. LENGTH TO BE EQUAL TO THICKNESS OF WALL. 3. PIPING WITH ANNULAR SPACE MAX. 1-7/8 IN. PIPE TO BE RIGIDLY SUPPORTED ON BOTH 4. FIRESTOP SEALANTMIN. 5/8 IN. AND 1-1/4 IN. THICKNESS FLUSH WITH BOTH SURFACES OF WALL FOR 1 OR 2 HR RATED WALLS RESPECTIVELY. MIN. 1/2 IN. DIAM BEAD APPLIED TO THE PENETRANT/WALLBOARD INTERFACE AT THE POINT CONTACT LOCATION ON BOTH SIDES OF WALL.

PIPING THROUGH 1HR OR 2HR **GYPSUM WALL** UL SYSTEM NO. W-L-1164

N.T.S.

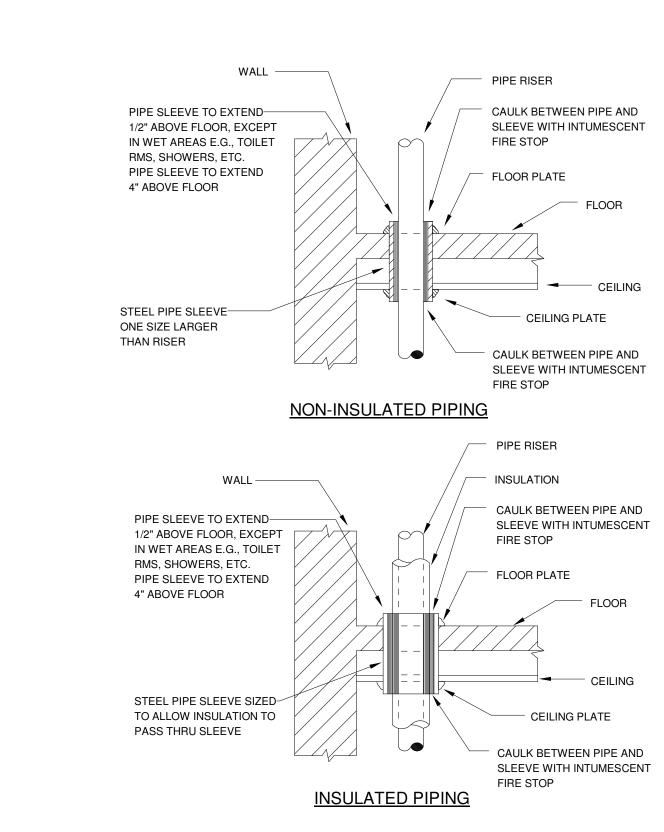


1. CONCRETE FLOOR/ WALL OR BLOCK WALL 2. PIPING, TO BE RIGIDLY SUPPORTED ON BOTH SIDES OF FLOOR OR WALL ASSEMBLY. ANNULAR SPACE SHALL BE MAX. 1-1/4 IN. 3. WOOL BATT INSULATION FIRMLY PACKED INTO OPENING AS A PERMANENT FORM. 4. FIRESTOP SEALANT MIN. 1/2 IN. THICKNESS AND A MIN. 1/2 IN. DIA. BEAD OF FILL MATERIAL APPLIED AT THE CONCRETE/PIPE INTERFACE ON THE TOP SURFACE OF FLOOR AND ON BOTH

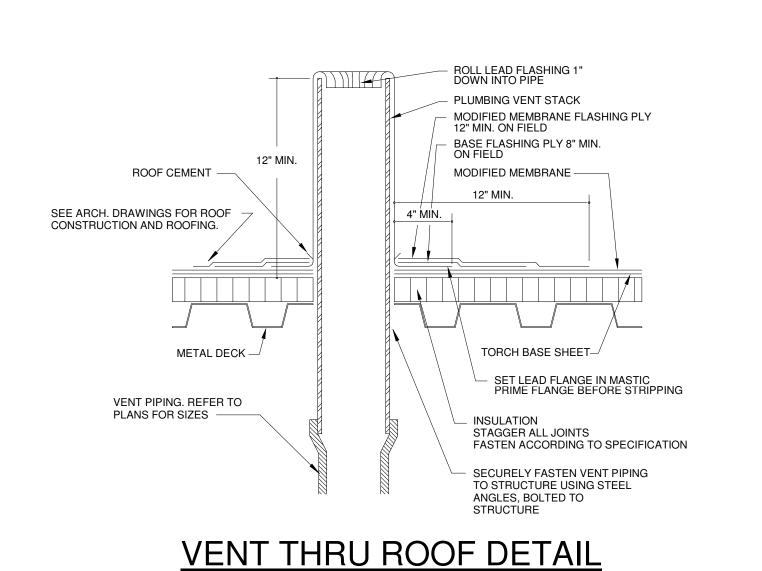
SURFACES OF WALL.

PIPING THROUGH CONCRETE FLOOR/WALL OR BLOCK WALL
UL SYSTEM NO. C-AJ-1149

N.T.S.



DETAIL OF PIPING PASSING THRU FLOORS N.T.S.



1) 4" EPOXY COATED FLANGED, OS&Y GATE VALVE WITH NON RISING STEM. NEPTUNE TRU/FLOW, 4" FLANGED COMPOUND WATER METER.

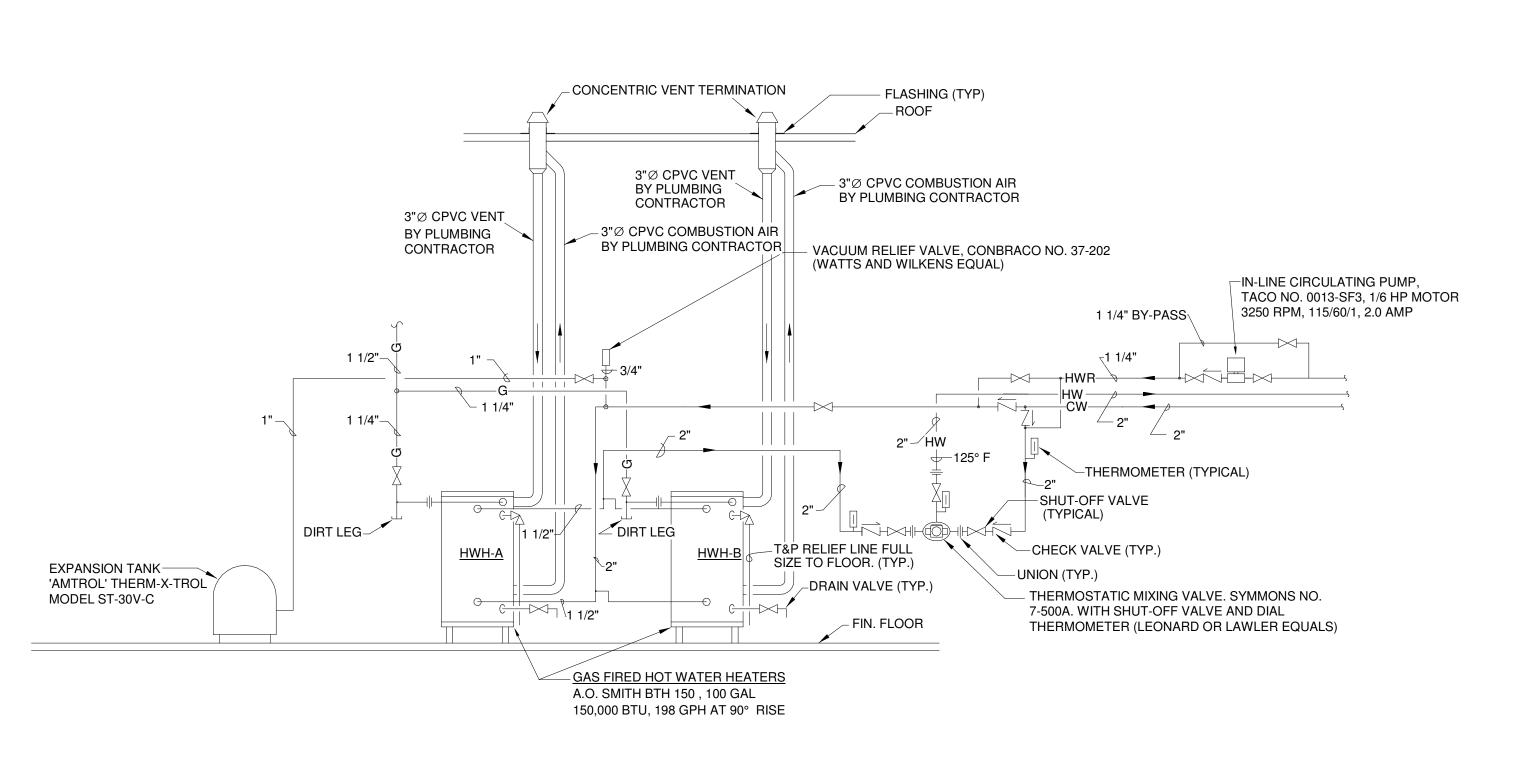
ZURN MODEL 375AST, 4" REDUCED PRESSURE BACKFLOW ASSEMBLY PROVIDE STRAINER & AIR GAP. 2" GALVANIZED PIPE POST WITH 5/8"

SUPPORT SHOE. 2- 1/2" x 1/4" GALVANIZED ANGLE IRON 5 PIPE SUPPORT WITH 4" GALVANIZED U-BOLT CLAMP.

4 GALVANIZED ADJUSTABLE ROD AND

NOTE: DIMENSIONS MAY VARY FROM DETAIL WITH DIFFERENT MANUFACTURED COMPONENTS.

4" DOMESTIC WATER RISER SCHEMATIC

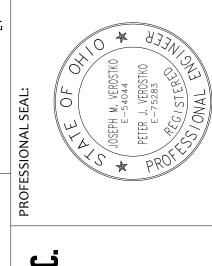


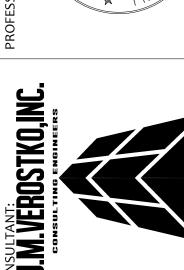
HWH PIPING DETAIL

N.T.S.

PROJECT NO

2203-2







PROJECT NO 2203-2 DRAWN BY ADO CHECKED BY WMS 07/12/23

COMMON DETAILS

SCALE: As indicated SHEET NO