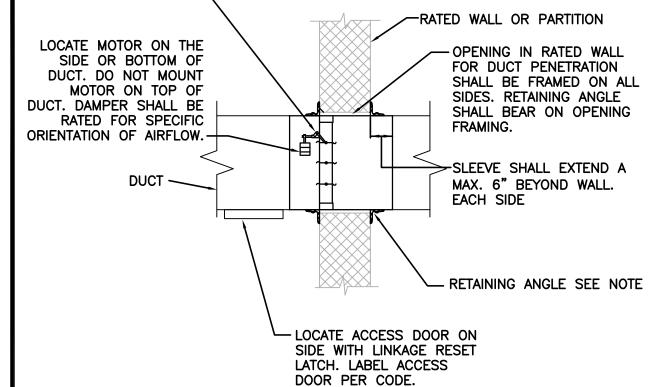
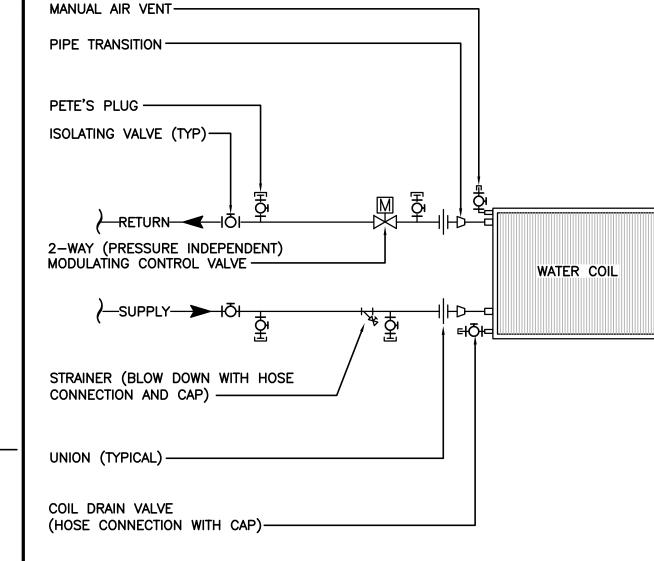
- NOTES:
- PROVIDE U.L. LISTED DAMPER, SLEEVE & OPERATOR ASSEMBLY IN ACCORDANCE WITH U.L. 555S. REFER TO SPECIFICATIONS FOR DAMPER TYPE.
- 2. INSTALL DAMPER AND SLEEVE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS NOT TO VOID U.L. LISTING.
- 3. EXTEND SLEEVE BEYOND WALL A MAX. 6 INCHES. OPERATOR SHALL BE FACTORY MOUNTED TO SLEEVE.
- 4. PROVIDE EXPANSION SPACE PER MANUFACTURER'S INSTRUCTION, BUT NOT LESS THAN 1/8" PER LINEAR FOOT.
- 5. PROVIDE MINIMUM 1 1/2" x 1 1/2" x 1/8" RETAINING ANGLE ON TOP, BOTTOM & SIDES. ATTACH ANGLES TO SLEEVE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. ANGLES SHALL OVERLAP WALL A MINIMUM OF ONE INCH.



UL LISTED

FUSIBLE LINK-

- PROVIDE U.L. LISTED DAMPER, SLEEVE & OPERATOR ASSEMBLY IN ACCORDANCE WITH U.L. 555S. REFER TO SPECIFICATIONS FOR DAMPER TYPE.
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- 5. PROVIDE MINIMUM 1  $1/2" \times 1 1/2" \times 1/8"$  RETAINING ANGLE ON TOP, BOTTOM & SIDES. ATTACH ANGLES TO SLEEVE IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS. ANGLES SHALL OVERLAP WALL A MINIMUM OF ONE INCH.



## NOTES:

- INSULATE ALL PIPING, VALVES, FITTINGS AND ACCESSORIES (REFER TO SPECIFICATIONS).
- 2. ISOLATING VALVES SHALL BE BALL VALVES (THROUGH 2") AND BUTTERFLY VALVES (2 1/2" & LARGER). . INSTALL TEST PLUGS IN EASILY ACCESSIBLE LOCATIONS WITH MINIMUM OF 12"
- CLEARANCE IN FRONT. . WATER SHALL ENTER COIL ON AIR ENTERING SIDE. OFFSET PIPING TO ALLOW FOR COIL PULL WITHOUT DISMANTLING.



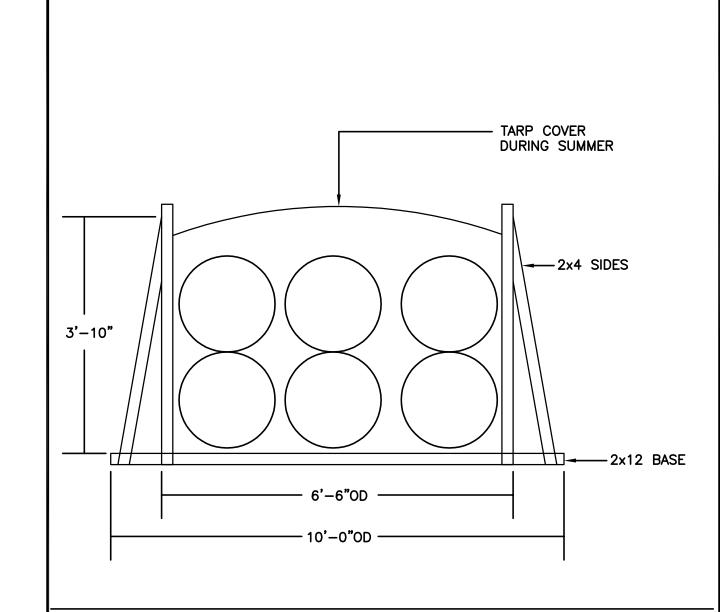
## COIL PIPE CONNECTION DETAIL

COMBINATION FIRE + SMOKE DUCT FIRE DAMPER INSTALLATION 04 **DAMPER INSTALLATION** NOT TO SCALE NOTE

ELEVATE A/C UNIT SUFFICIENT DISTANCE

INSTALLATION OF TRAP WITH ADEQUATE DIMENSIONS TO WITHSTAND SYSTEM OPERATING PRESSURE. COORDINATE WITH DETAIL FOR A UNIT MOUNTING.

ABOVE ROOF TO ALLOW FOR



(05) TEMPORARY ROOF DUCT SUPPORT

NOT TO SCALE

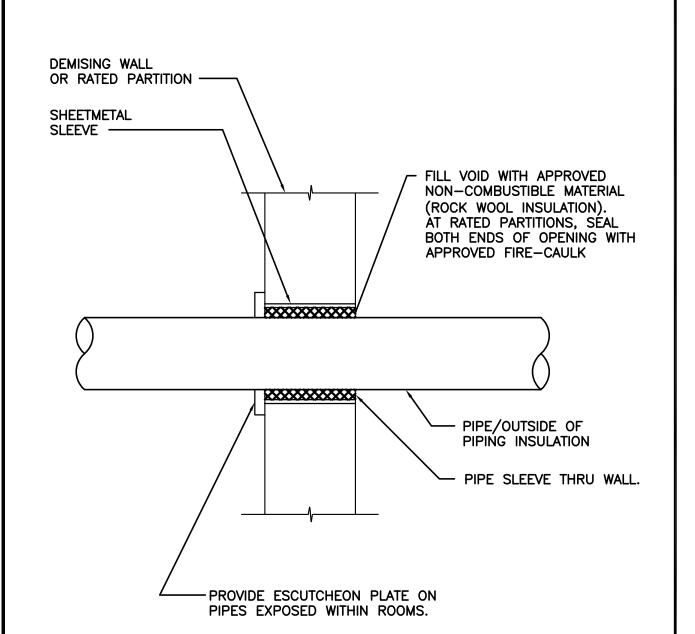
1. TEMPORARY DUCT SUPPORT SPACING = 4'-0" O.C.

-SEE SPECIFICATIONS OPEN VENT-FOR PIPING MATERIAL CLEAN-OUT -DRAIN PAN CONNECTION PLUG LUNION ← FULL CONN. SIZE PIPE MIN. 1 1/4" RTU PIPING VESTIBULE -BOTTOM -TURN PIPE DOWN THROUGH RTU PIPING VESTIBULE FLOOR. RE: PLANS FOR ROUTING

> TOTAL HEIGHT OF TRAP= X+H+ ( 1 1/2 x PIPE DIAMETER ) FOR DRAW THRU UNITS X= FAN STATIC PRESSURE +1" X = MIN. 1/2 H (PREFERRED X=H)

CONDENSATE DRAIN PIPING NOT TO SCALE

H= NEGATIVE STATIC PRESSURE +1"



PIPING AT INTERIOR WALL



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DATE **Sheet Information** DATE 09/06/2018

18302 TITLE DETAILS -

**MECHANICAL** 

SHEET

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