METALLIC PIPE
PIPE INSULATION
MIN 1/2" SEALANT APPLIED WITHIN ANNULIS, FLUSH WITH TOP SURFACE OF FLOOR
CONCRETE FLOOR
CONCRETE FLOOR
METALLIC PIPE
PIPE INSULATION
MIN 1/2" SEALANT APPLIED WITHIN ANNULIS, FLUSH WITH SURFACE OF WALL
CONCRETE WALL
CONCRETE WALL
METALLIC PIPE
PIPE INSULATION
MIN 1/2" SEALANT APPLIED WITHIN ANNULIS, FLUSH WITH SURFACE OF WALL
CONCRETE WALL
CONCRETE WALL
4" THICKNESS OF 4 PCF MINERAL WOOL INSULATION FIRMLY PACKED INTO OPENING
DETAIL NOTES:
1. WHERE FLOOR MAINTAINS A FIRE-RESISTANCE RATING, PROVIDE SEALANT IN ACCORDANCE WITH APPLICABLE UL RATING AND DETAIL REQUIREMENTS.

CMU WALL
CARBON STEEL PIPE
ALUMINUM JACKET
SILICON SEALANT
INTERIOR
EXTERIOR
INSULATION
SYSTEM
MIN 6" BEYOND WALL SURFACE
INSULATION
UNIT
HW COIL
ROOF
UNIT SUPPORT ASSEMBLY.
REFER TO STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.

HWR
HWS
*TYPICAL OF OA-1, OA-2, OA-3, AND AHU-3.
PROVIDE 3W PER LINEAR FOOT OF HEAT TRACE FOR ALL EXPOSED PIPING.
SEAL PIPE PENETRATION THROUGH UNIT WATER TIGHT.

CHECKED:
DATE:
DRAWN:
FILENAME:
PLOT TIME:
PROJECT #:

1220 North Fillmore Street. Ste 350
Arlington, VA 22201
T: 703 525-6268

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RANDOLPH ELEMENTARY SCHOOL - HVAC MODERNIZATION
ARLINGTON PUBLIC SCHOOLS
1306 SOUTH QUINCY STREET
ARLINGTON, VA 22204

MECHANICAL DETAILS CONT.

BID DOCUMENTS
WAPR17
M7.5