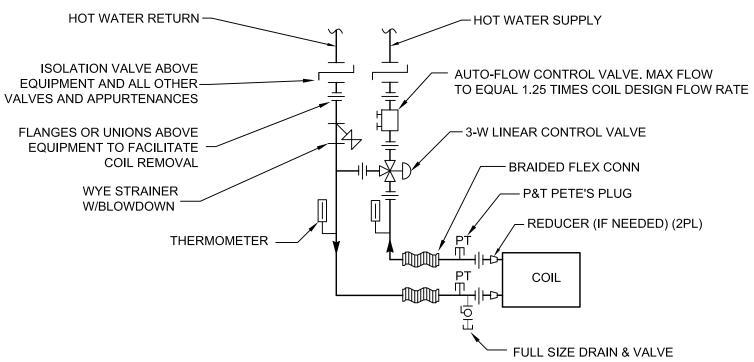


TYPICAL COOLING COIL CONNECTION DETAIL SCALE: NONE

1. SEE AHU COIL BRANCH/RUNOUT PIPING SCHEDULE FOR PIPE SIZING. UOS

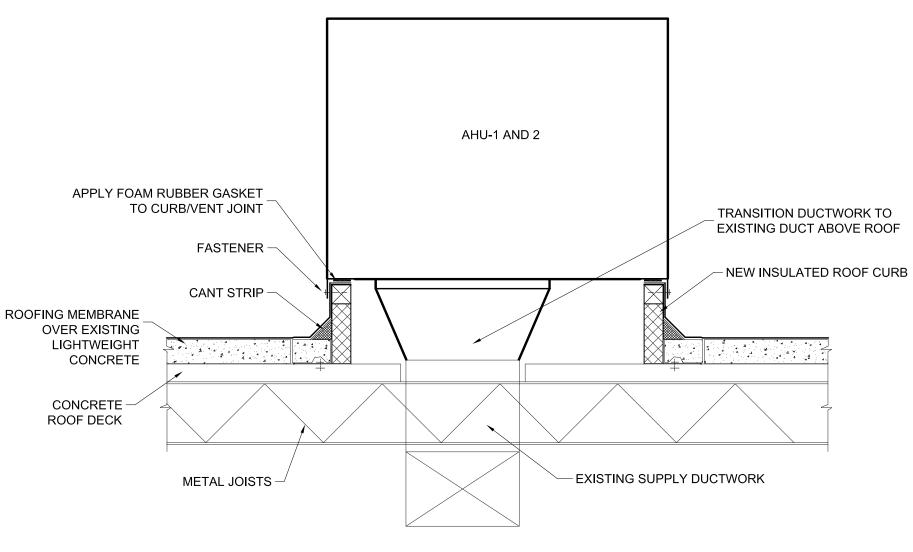
- 2. USE DIELECTRIC UNIONS/FLANGES TO ISOLATE DISSIMILAR MATERIALS.
- 4. PROVIDE FOAM INSULATION AT CONTROL VALVES, UNIONS, APPURTENANCES, ETC.
- 3. SUPPORT PIPING FROM STRUCTURE NO WEIGHT SHALL BEAR ON EQUIPMENT.



TYPICAL HEATING COIL CONNECTION DETAIL

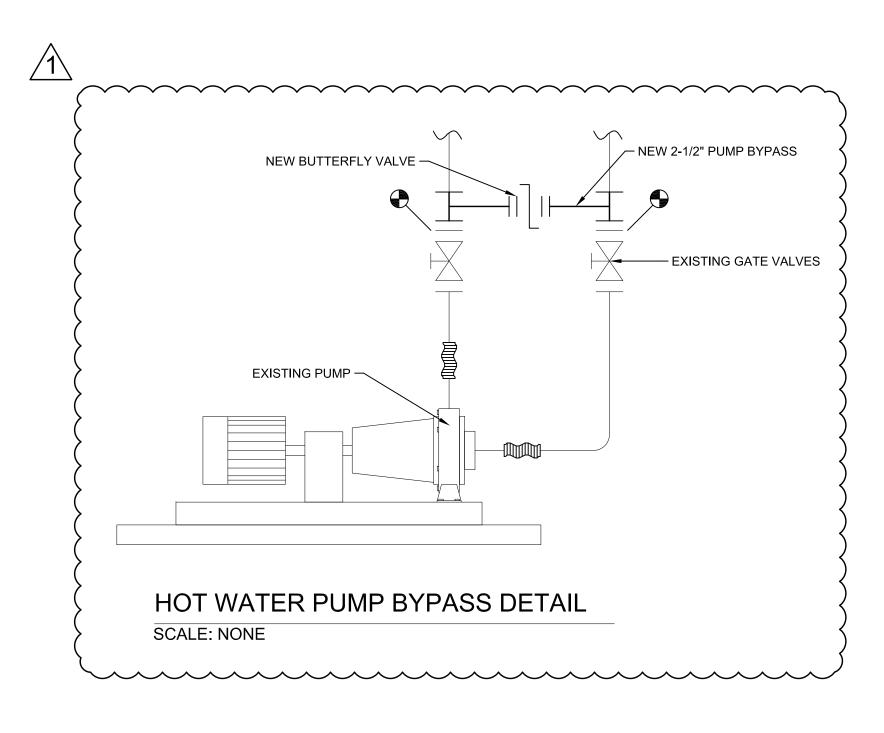
SCALE: NONE

- 1. SEE AHU COIL BRANCH/RUNOUT PIPING SCHEDULE FOR SIZES.
- 2. USE DIELECTRIC UNIONS/FLANGES TO ISOLATE DISSIMILAR MATERIALS. 3. SUPPORT PIPING FROM STRUCTURE - NO WEIGHT SHALL BEAR ON EQUIPMENT.
- 4. PROVIDE ACCESS TO CONTROL VALVES, UNIONS, APPURTENANCES, ETC. VIA FOAM INSULATION.



AHU ROOF CURB DETAIL SCALE: NONE

SECURE CURB TO ROOF DECK WITH 1/4" DIAMETER ANCHOR BOLTS, 2' O.C. OR AS DIRECTED BY THE MANUFACTURER TO COMPLY WITH THE UNIT'S WIND LOAD CAPABILITY.



OD WE TH

McGinniss & Fleming Engineering, Inc.

Mechanical • Electrical • Fire Protection • Plumbing

1401 Miccosukee Road - Suite 200 Tallahassee, Florida 32308

ROOFTOP HVAC REPLACEMENT DOYLE CONNER LAB ADMIN BUILDING TALLAHASSEE, FLORIDA

CA #05990

FL. DEPT. OF AGRICULTURE & CONSUMER SERVICES

November 10, 2017

DATE:

REVISION 1 - ADDENDUM 1 12/6/17

DESIGNED BY: DRAWN BY:

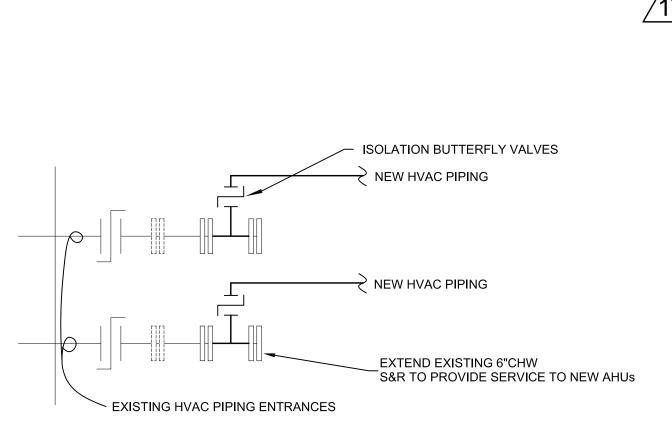
SUBMITTAL:

CONSTRUCTION DOCUMENTS

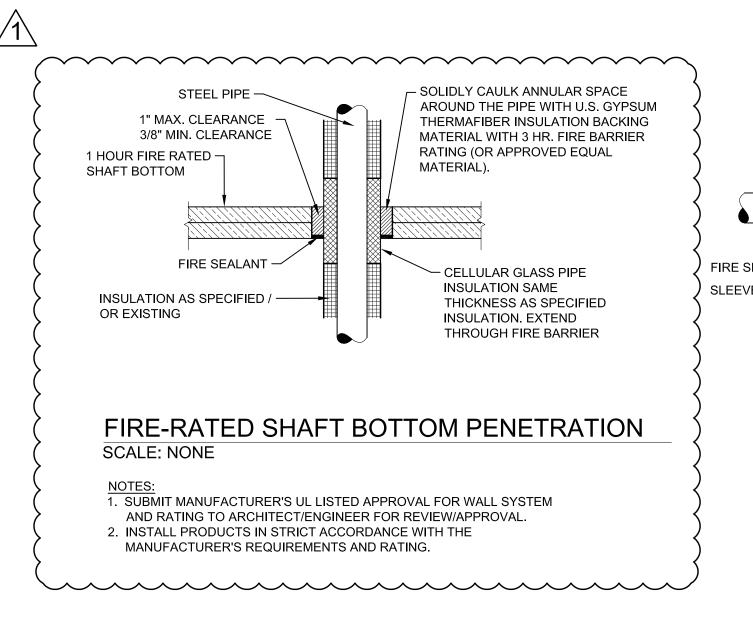
SHEET TITLE: **MECHANICAL**

DETAILS

TYPICAL MECHANICAL BUILDING SECTION SCALE: 1/4" = 1'-0"



NEW CHW MAIN CONNECTIONS TO ROOFTOP AHUS SCALE: NONE



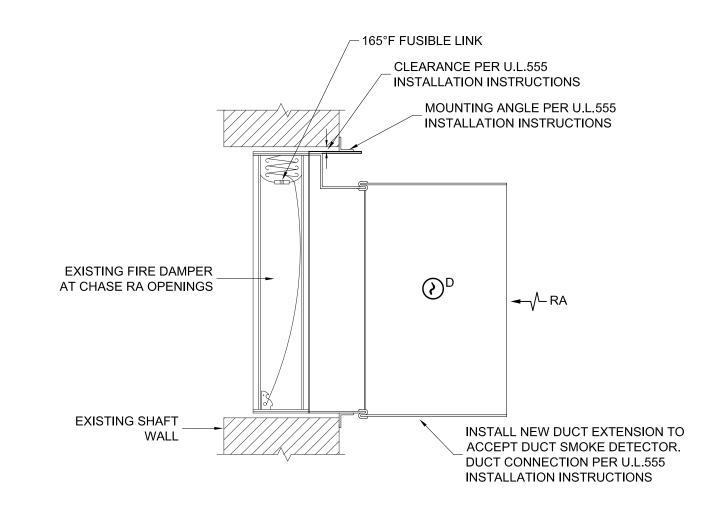
SOLIDLY CAULK ANNULAR SPACE BETWEEN SLEEVE AND PIPE WITH U.S. GYPSUM THERMAFIBER INSULATION PACKING MATERIAL WITH 3 HR. FIRE BARRIER RATING (OR APPROVED EQUAL MATERIAL). 1" MAX. CLEARANCE 3/8" MIN. CLEARANCE - FIRE RATED WALL - ESCUTCHEON INSULATION AS SPECIFIED FIRE SEALANT SLEEVE -- CELLULAR GLASS PIPE INSULATION SAME THICKNESS AS SPECIFIED INSULATION. EXTEND THRU FIRE WALL AND BEYOND ESCUTCHEON ON BOTH SIDES.

FIRE-RATED WALL PENETRATION SCALE: NONE

NOTES:

1. SUBMIT MANUFACTURER'S UL LISTED APPROVAL FOR WALL SYSTEM AND RATING TO ARCHITECT/ENGINEER FOR REVIEW/APPROVAL.

- 2. SEE PLAN FOR WALL RATINGS.
- 3. INSTALL PRODUCTS IN STRICT ACCORDANCE WITH THE MANUFACTURER'S REQUIREMENTS AND RATING.



RETURN AIR DUCT EXTENSION SCALE: NONE