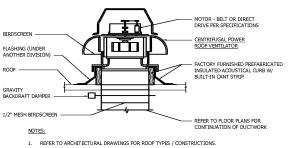
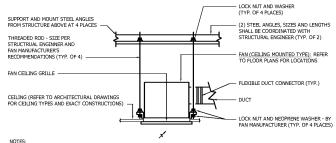


① DETAIL - TYPICAL EXHAUST DUCT VENT AT **EXTERIOR WALL**



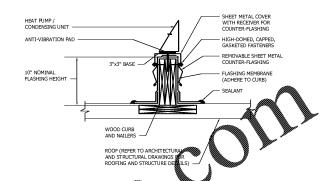
- 2. COORDINATE FLASHING REQUIREMENTS WITH ARCHITECT
- COORDINATE ROOF OPENING SIZE AND LOCATION WITH STRUCTURAL ENGINEER.

② DETAIL - TYPICAL CENTRIFUGAL ROOF MOUNTED DOWN BLAST EXHAUST FAN



- 2. COORDINATE FINAL SIZE OF STEEL ANGLES, ALL THREAD RODS, AND HARDWARE WITH FAN MANUFACTURER PRIOR TO FABRICATING

3 DETAIL - TYPICAL CEILING MOUNTED EXHAUST FAN MOUNTING



4 DETAIL - TYPICAL CONDENSING UNIT SUPPORT ON ROOF

TERMINATE SLEEVE FLUSH WITH FINISHED PROVIDE FIRE RATED SLEEVE SYSTEM IN FIRE RATED PARTITIONS (PER SPECIFICATIONS) SHEET METAL DUCT REFER TO FLOOR PLANS FOR SIZES I ANDARD WEIGHT STEEL PIPE SLEEVE OF SIZE O PASS PIPE AND INSULATION STEEL BLADES OUTSIDE AIR DUCT FINISHED ESCUTCHEON PLATE - MOUNT FLUSH AGAINST WALL AND OF SIZE TO COMPLETELY COVER OPENING WITH 1/2" DIA. BOLTS 1 1/2" SOUNDLINE RETURN AIR DUCT 165°F FUSIBLE LINK UNLESS OTHERWISE NOTED FINISHED WALL SURFACE (REFE TO ARCHITECTURAL DRAWINGS FOR WALL CONSTRUCTION CONCEALED PIPIN RETURN ATR PLENUM VERTICAL FLOW PIPING EXPOSED TO VIEW 4" CONCRETE PAD HOUSEKEEPING PAD

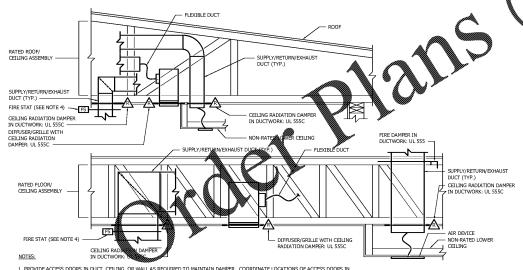
- 1. PROVIDE PIPE SLEEVES AT ALL WALL PENETRATIONS
- 2. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT WALL CONSTRUCTIONS

③ DETAIL - TYPICAL PIPE SLEEVE THRU INTERIOR WALL

6 DETAIL - TYPICAL HORIZONTAL MOUNTED FIRE DAMPER

 REFER TO MECHANICAL DRAWINGS FOR ACTUAL DUCT SIZES ASSOCIATED WITH UNIT. 2. INTERLOCK OUTDOOR AIR MOTORIZED DAMPER WITH VENTILATION CONTROLLER AND FCU CONTROLS.

O DETAIL - TYPICAL SPLIT SYSTEM HEAT PUMP -COMMON AREA AIR HANDLING UNITS



- 1. PROVIDE ACCESS DOORS IN DUCT, CEILING, OR WALL AS REQUIRED TO MAINTAIN DAMPER. COORDINATE LOCATIONS OF ACCESS DOORS IN WALLS AND CEILINGS WITH ARCHITECT. 2. INSTALL CEILING REQUATION DAMPERS / FIRE DAMPERS PER MANUFACTURER'S INSTRUCTIONS TO MAINTAIN UL RATINS IN ALL RATED
- 2. IN INIT. CELLING PRODESTOR DEPICED, THE DEPICES FER INNOVECTIONS 3 INSTRUCTIONS OF PRODESTOR AND ACTIONS AND ACTIONS.

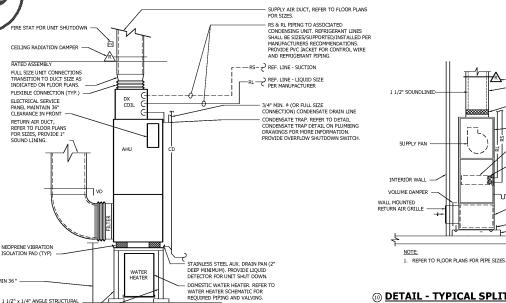
 3. ONLY FIRE DEPICED.

 5. ONLY FIRE DEPICED.

 6. INTEGRATE FIRE STAT INTO THE ASSOCIATED AND'S DESIGNED TO OPERATE WITH FANS ON DURING A FIRE.

 6. INTEGRATE FIRE STAT INTO THE ASSOCIATED AND'S LOW VOLTAGE CONTROL WIRING SYSTEM TO SHUTDOWN ALL AHU OPERATION IMMEDIATELY UPON FIRE STAT OF PREATION.

® DETAIL - TYPICAL HORIZONTAL UL FLOOR/CEILING/ROOF RATED ASSEMBLY PENETRATIONS



DETAIL - TYPICAL UNIT WATER HEATER AND SPLIT SYSTEM AIR HANDLING UNIT (IL UNITS ONLY)

® DETAIL - TYPICAL SPLIT SYSTEM HEAT PUMP -APARTMENT AIR HANDLING UNITS (AL AND MC UNITS ONLY)

SUPPLY AIR DUCTWORK

CONNECTION (TYPICAL)

4" CONCRETE PAD HOUSEKEEPING PAD



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DHEC Project Number #: 637063

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DETAILS -**MECHANICAL**

M-502