

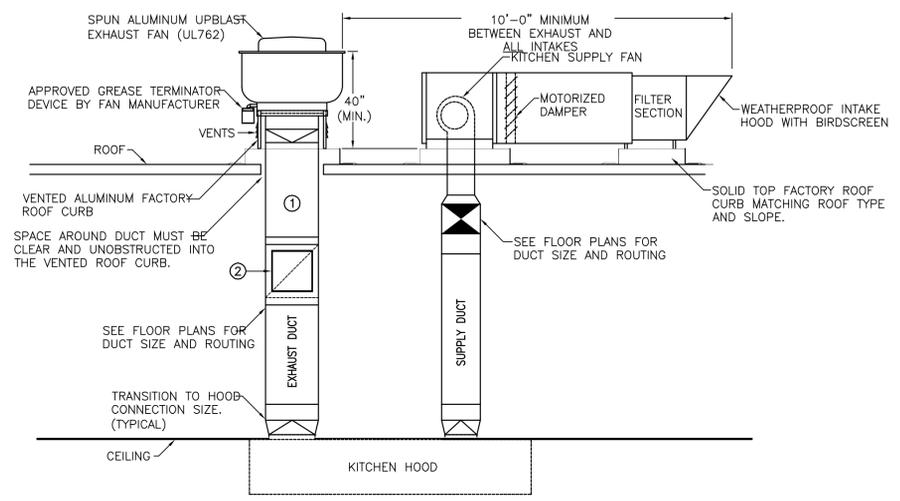
ST. JUDE
CATHOLIC
CHURCH

PARISH HALL
REMODEL &
CONNECTOR
BUILDING

500 E DALLAS ST.
MANSFIELD, TX 76063

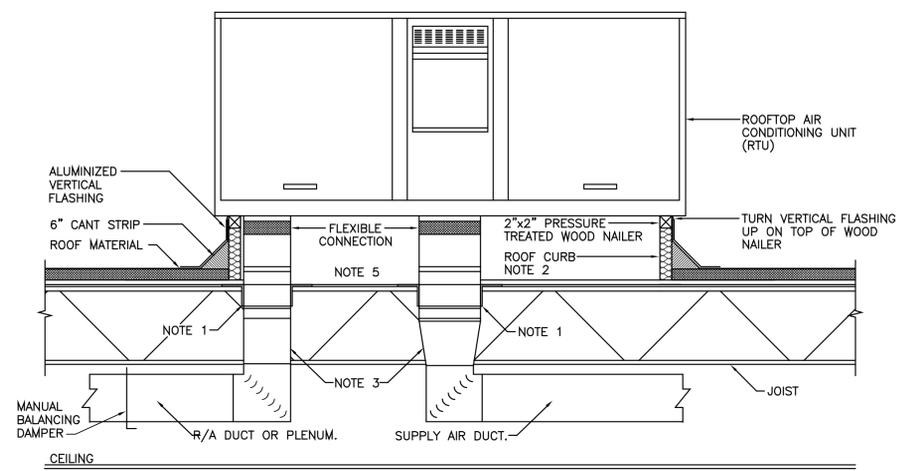
BID SET

Drawing Title: HVAC DETAILS	
Project No. 2307	Date: 12/20/2023
Sheet No. M4.1	



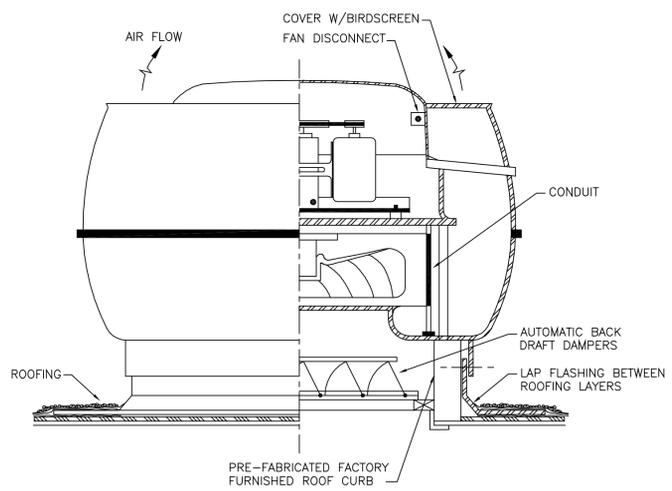
- NOTES BY SYMBOL: THIS DETAIL ONLY:
- WELDED BLACK STEEL RECTANGULAR OR SQUARE DUCT. ALL SECTIONS OF THE DUCT SYSTEM SHALL BE CONSTRUCTED AND INSTALLED WITHOUT FORMING DIPS AND TRAPS AND SHALL SLOPE NOT LESS THAN 1/4 INCH PER FOOT TOWARD THE HOOD. WRAP WITH FIRE PROOFING INSULATION (3M OR EQUAL), THICKNESS/LAYER AS REQUIRED TO MEET 2-HOUR FIRE PROTECTION RATING.
 - ACCESS FOR CLEAN-OUT AND INSPECTION SHALL BE PROVIDED AT EACH CHANGE IN DIRECTION OF THE SYSTEM AND AS OTHERWISE REQUIRED. NOTE: THE PLAN MAY REQUIRE MORE THAN IS SHOWN HERE (VERTICAL SHOWN FOR REFERENCE ONLY).

2 TYPICAL KITCHEN HOOD DUCT SYSTEM
SCALE: NO SCALE

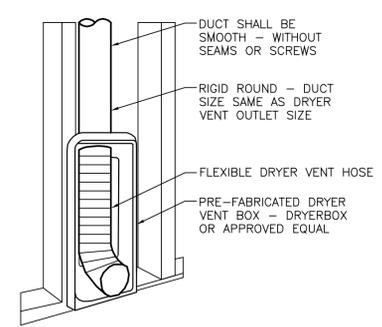


- NOTES
- REFER TO STRUCTURAL DRAWINGS FOR SUPPORT REQUIREMENTS.
 - ALL RTU'S SHALL BE "PLUMB" AND SET LEVEL ON ROOF IN BOTH DIRECTIONS. THE VERTICAL DIMENSION OF THE CURB WALLS SHALL BE TAPERED AS REQUIRED TO COMPENSATE FOR THE ROOF SLOPE AND ALLOW THE RTU TO SET LEVEL. REFER TO THE ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR ROOF SLOPE INFORMATION. CURB TO BE FACTORY INSULATED WITH MIN R-8 RIGID INSULATION, MIN 14" HIGH.
 - PROVIDE TRANSITION AND/OR OFFSET AS INDICATED OR REQUIRED.
 - THIS DETAIL IS TYPICAL FOR ALL RTU INSTALLATIONS.
 - REFER TO DETAIL THIS SHEET FOR SOUND ATTENUATION INSTALLATION.

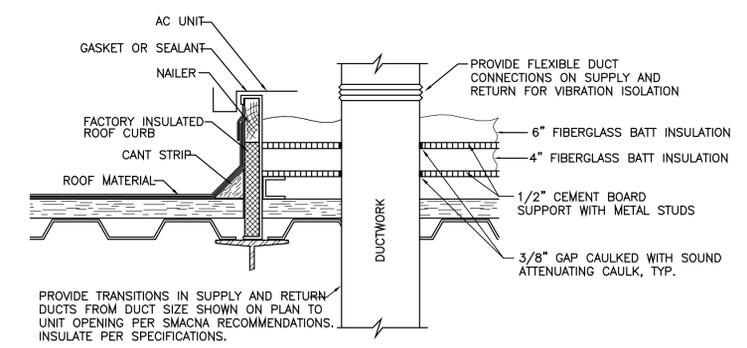
1 TYPICAL ROOFTOP UNIT MOUNTING
SCALE: NO SCALE



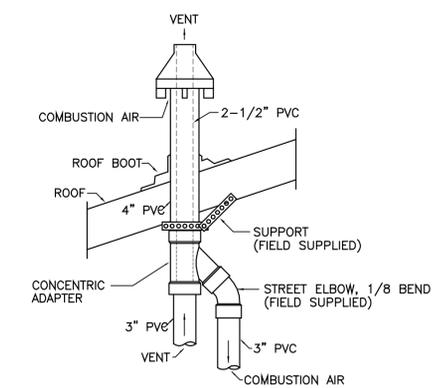
5 TYPICAL UP BLAST ROOF EXHAUST FAN
SCALE: NO SCALE



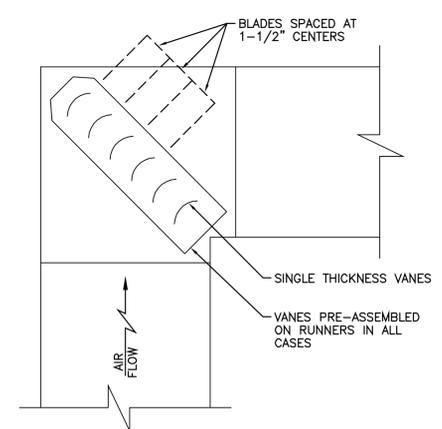
4 TYPICAL DRYER VENT INSTALLATION
SCALE: NO SCALE



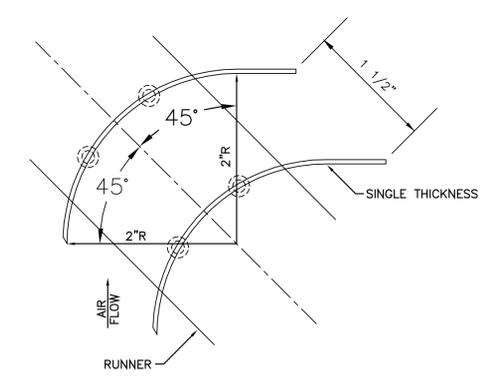
3 ROOFTOP UNIT SOUND ATTENUATION AND CURB INSTALLATION
SCALE: NO SCALE



8 TYPICAL CONCENTRIC VENT FOR SEPARATED COMBUSTION GAS APPLIANCES
SCALE: NO SCALE



7 TYPICAL RECTANGULAR ELBOW
SCALE: NO SCALE



6 TYPICAL TURNING VANE
SCALE: NO SCALE



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