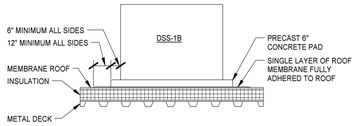
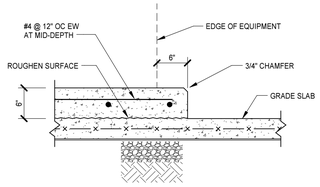


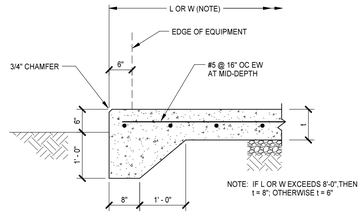
CONDENSING UNIT SUPPORT DETAIL (DSS-1B)

NO SCALE



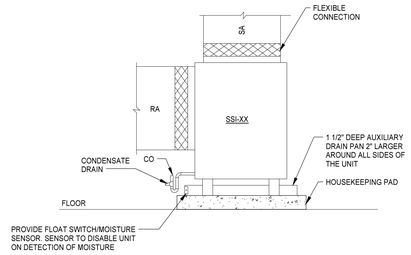
HOUSEKEEPING PAD DETAIL

NO SCALE



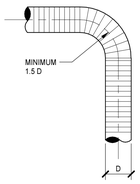
EXTERIOR EQUIPMENT PAD DETAIL

NO SCALE



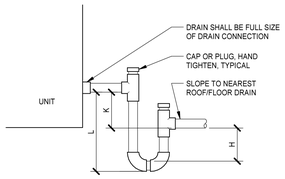
SPLIT SYSTEM HEAT PUMP DETAIL

NO SCALE



FLEXIBLE DUCT MINIMUM RADIUS DETAIL

NO SCALE



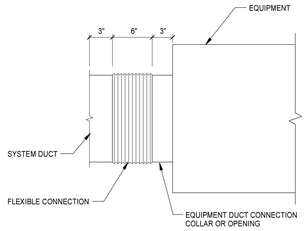
K = 1" FOR EACH 1" OF MAXIMUM NEGATIVE STATIC PRESSURE + 1"
H = 1/2K
L = H + K + PIPE DIAMETER + INSULATION

NOTES:

1. LOCATE TRAP AS CLOSE AS POSSIBLE TO UNIT OUTLET WITH BOTTOM BELOW SUPPORT STRUCTURE.
2. COORDINATE MOUNTING/CURB HEIGHT AS REQUIRED TO PROVIDE PROPER CONDENSATE DRAINAGE/TRAP HEIGHT.
3. NOTIFY ARCHITECT BEFORE FABRICATION IF PHYSICAL CONDITIONS PREVENT INSTALLATION OF DEPTH INDICATED.

NEGATIVE PRESSURE CONDENSATE DRAIN DETAIL

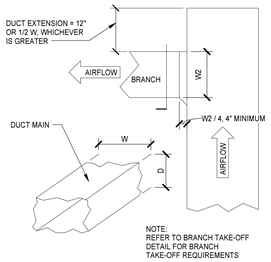
NO SCALE



NOTE: THIS DETAIL APPLIES TO ALL DUCT CONNECTIONS TO AIR HANDLING UNITS AND FANS UNLESS OTHERWISE INDICATED

EQUIPMENT DUCT CONNECTION DETAIL

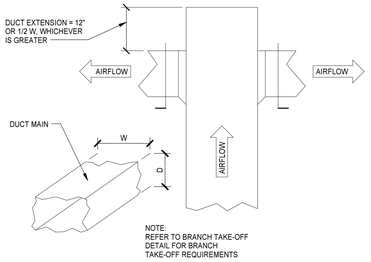
NO SCALE



NOTE:
REFER TO BRANCH TAKE-OFF DETAIL FOR BRANCH TAKE-OFF REQUIREMENTS

DUCT END OF MAIN DETAIL

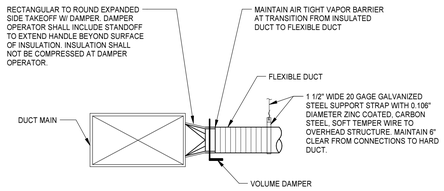
NO SCALE



NOTE:
REFER TO BRANCH TAKE-OFF DETAIL FOR BRANCH TAKE-OFF REQUIREMENTS

DUCT SPLIT WITHOUT VANES DETAIL

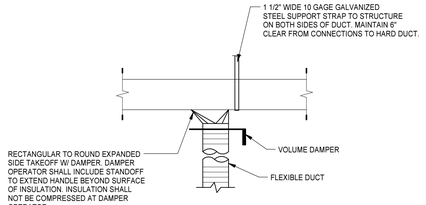
NO SCALE



NOTES:
- FLEXIBLE DUCT SHALL BE INSTALLED OVER METAL DUCT (BEAD/LIP ON METAL DUCT) AND ANCHORED W/ A SINGLE NYLON MECHANICAL BAND.
- IN EXPOSED AREAS PROVIDE RIGID GALVANIZED STEEL DUCTWORK IN LIEU OF FLEXIBLE DUCTWORK INDICATED. SUPPORT IN ACCORDANCE WITH REQUIREMENTS SPECIFIED FOR STEEL DUCTWORK.

BRANCH TAKEOFF TO DIFFUSER-SIDE

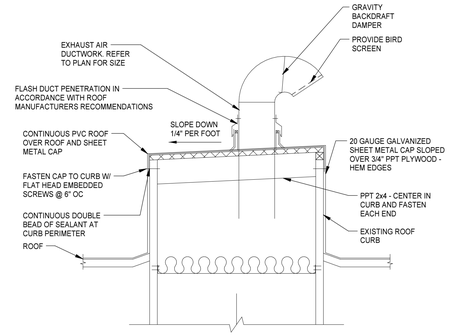
NO SCALE



NOTES:
- FLEXIBLE DUCT SHALL BE INSTALLED OVER METAL DUCT (BEAD/LIP ON METAL DUCT) AND ANCHORED W/ A SINGLE NYLON MECHANICAL BAND.
- IN EXPOSED AREAS PROVIDE RIGID GALVANIZED STEEL DUCTWORK IN LIEU OF FLEXIBLE DUCTWORK INDICATED. SUPPORT IN ACCORDANCE WITH REQUIREMENTS SPECIFIED FOR STEEL DUCTWORK.

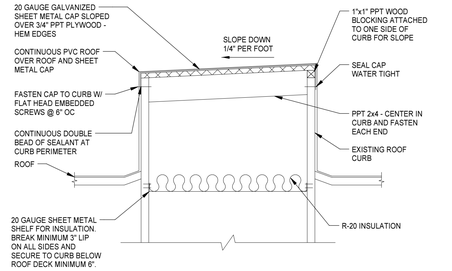
BRANCH TAKEOFF TO DIFFUSER-BOTTOM

NO SCALE



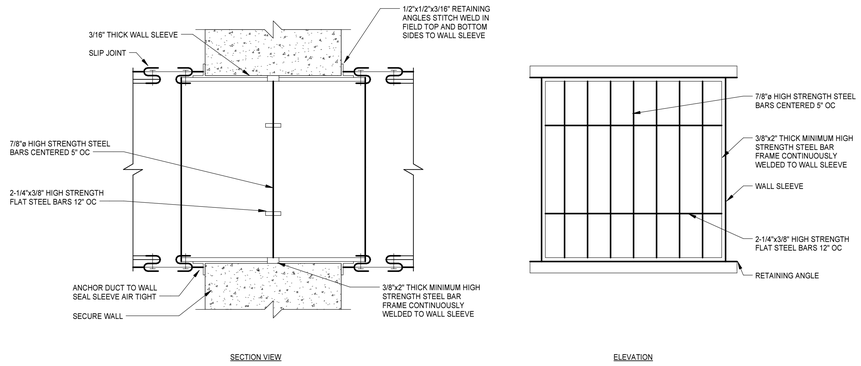
EXHAUST AIR GOOSENECK DETAIL

NO SCALE



EXISTING ROOF CURB CAP DETAIL

NO SCALE



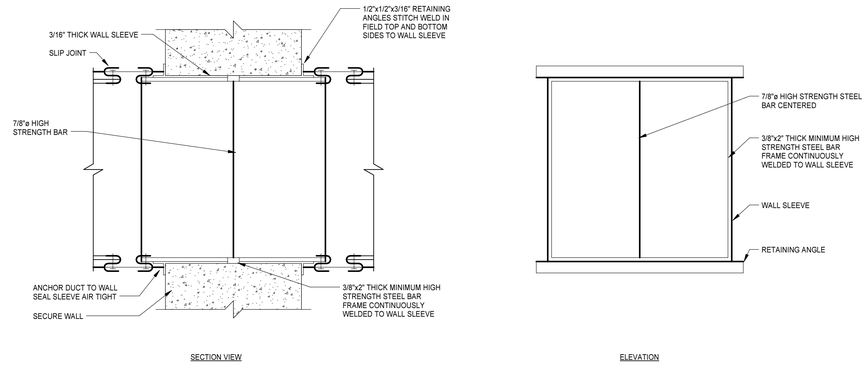
SECTION VIEW

ELEVATION

NOTE: FOR DUCTWORK WITH INSIDE CLEAR DIMENSIONS GREATER THAN 12x12

INTERIOR SECURITY WALL - DUCT MOUNTED SECURITY BAR DETAIL - LARGE

NO SCALE



SECTION VIEW

ELEVATION

NOTE: FOR DUCTWORK WITH INSIDE CLEAR DIMENSIONS LESS THAN OR EQUAL TO 12x12

INTERIOR SECURITY WALL - DUCT MOUNTED SECURITY BAR DETAIL - SMALL

NO SCALE

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10-15-15
PROFESSIONAL ENGINEER

EVIDENCE STORAGE BUILDING

SMITHFIELD, VIRGINIA

PROJECT NO: 550322	DATE: OCTOBER 15, 2015
REVISIONS	
DATE	DESCRIPTION

DETAILS

M5.1

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