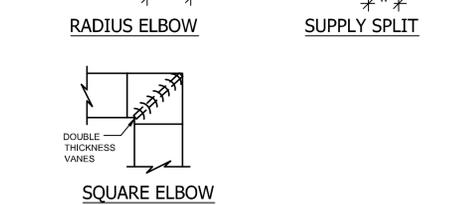
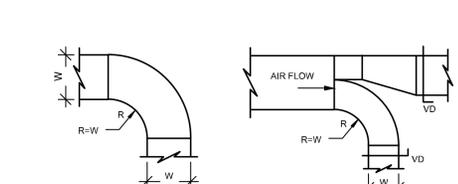
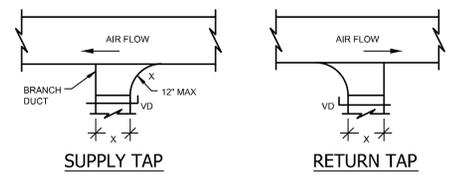
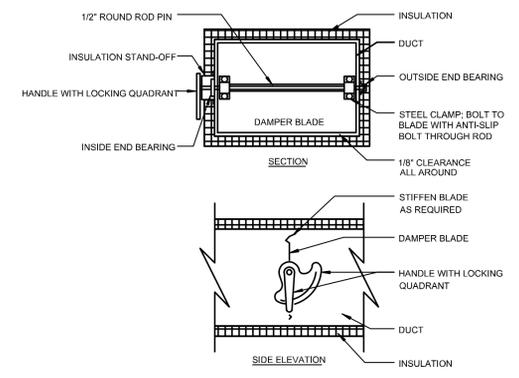


**1 SUPPLY BRANCH TAKEOFF**  
SCALE: NONE

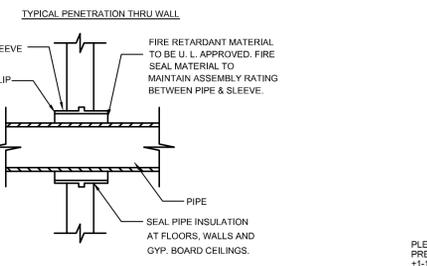
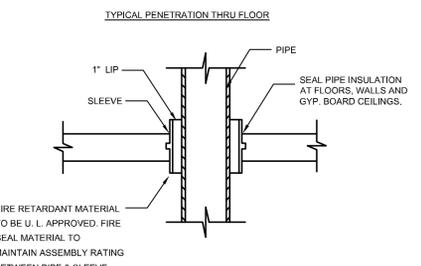


**2 DUCT CONSTRUCTION**  
SCALE: NONE



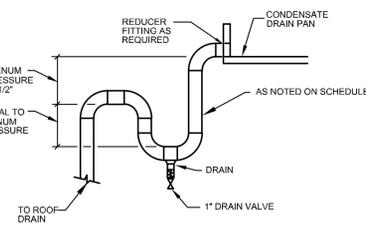
**NOTES:**  
1. DETAIL SHOWS SINGLE BLADE DAMPER. DAMPER INSTALLATION SHALL BE SIMILAR FOR MULTIBLADE DAMPERS AND ROUND DAMPERS.  
2. SINGLE BLADE DAMPER LIMITED TO 12" MAXIMUM DUCT DEPTH.

**3 MANUAL VOLUME DAMPER**  
SCALE: NONE

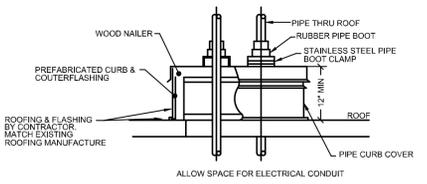


CONDENSATE TRAP SIZE SCHEDULE	
UNIT NOMINAL TONS (MAXIMUM)	MINIMUM TRAP DIAMETER
2	3/4"
5	1"
25	1-1/4"
50	1-1/2"
75	2"

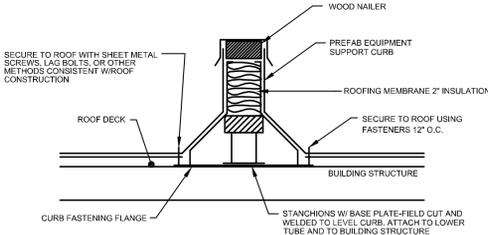
NOTE: SIZES ARE FOR EACH TRAP CONNECTION. EXAMPLE: AHU/2-65 TONS, REQUIRES TWO 2" TRAPS AS NOTED ON DRAWINGS.



**6 CONDENSATE DRAIN PIPING DETAIL**  
SCALE: NONE



**7 PIPE CURB**  
SCALE: NONE

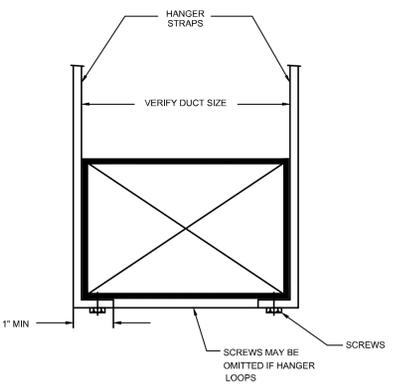


**8 HVAC EQUIPMENT CURB**  
SCALE: NONE

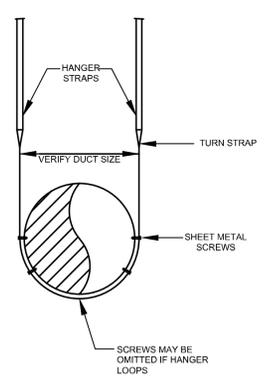
MATERIAL	U.L. NUMBER REQ'D		
	GYPSUM WALL	CMU WALL	FLOOR
STEEL PIPE STEEL PIPE	428	594	272
W/INSULATION COPPER	444	444	443
PIPE COPPER PIPE	442	442	429
W/INSULATION	445	335	335

**5 PIPE SLEEVE DETAIL**  
SCALE: NONE

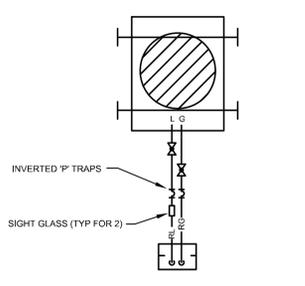
REFER TO ARCHITECTURAL PLANS FOR WALL RATINGS.



**9 DUCT SUPPORT DETAIL**  
SCALE: NONE



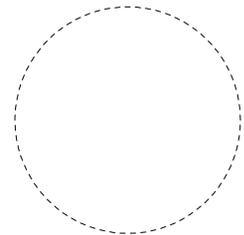
**10 ROUND DUCT SUPPORT DETAIL**  
SCALE: NONE



**11 CONDENSER CONNECTION**  
SCALE: NONE

NOTES: 1. REFER TO SMACNA HVAC DUCT CONSTRUCTION STANDARD TABLE - RECTANGULAR DUCT HANGERS MIN. SIZE SCHEDULE.

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**SCHILLACI ARCHITECTS LTD.**  
MARK SCHILLACI 717.951.7466 SCHILLACIARCHITECTS.COM  
KYLE SCHILLACI 717.875.8035 KSCHILLACI1386@GMAIL.COM

141 N. Reamstown Rd.  
Stevens, PA 17578

WWW.SCHILLACIARCHITECTS.COM

**ELIZABETH TOWNSHIP**  
Addition / Renovations  
to an Existing Building  
423 Southview Drive  
Littitz, PA 17543

SCHEDULES AND DETAILS

REVISIONS:  
# DATE DESCRIPTION

ISSUED: 03/22/2023

**M2.0**

**IDSG** llc.  
Integrated Design Solution Group, LLC  
ENGINEERS OF MECHANICAL, PLUMBING & ELECTRICAL SYSTEMS.  
444 E. TOWNSHIP LINE RD.  
PO BOX 1467  
HAVERSTOWN, PA 19083  
484-430-0254  
integrateddesignsolutionllc@gmail.com