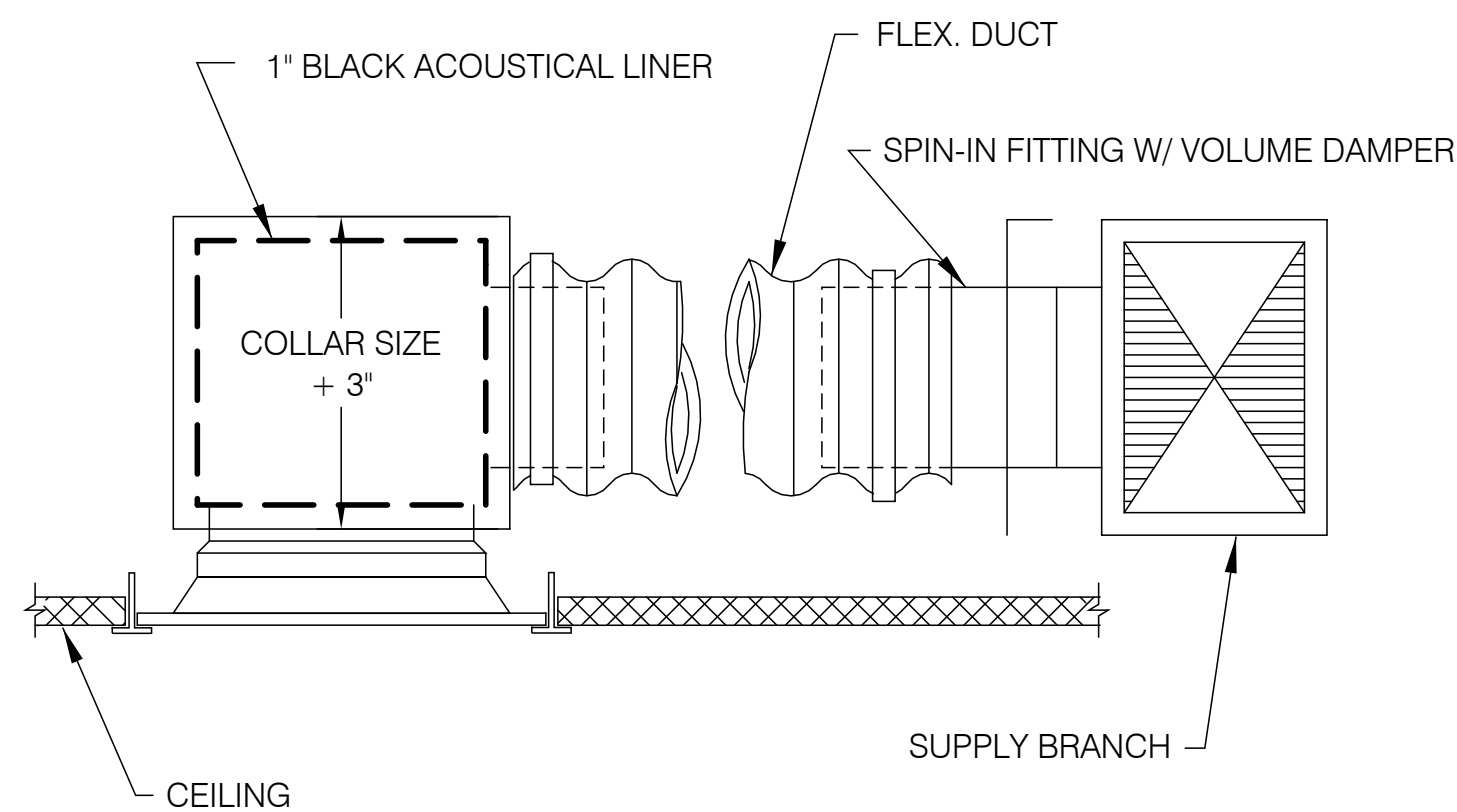
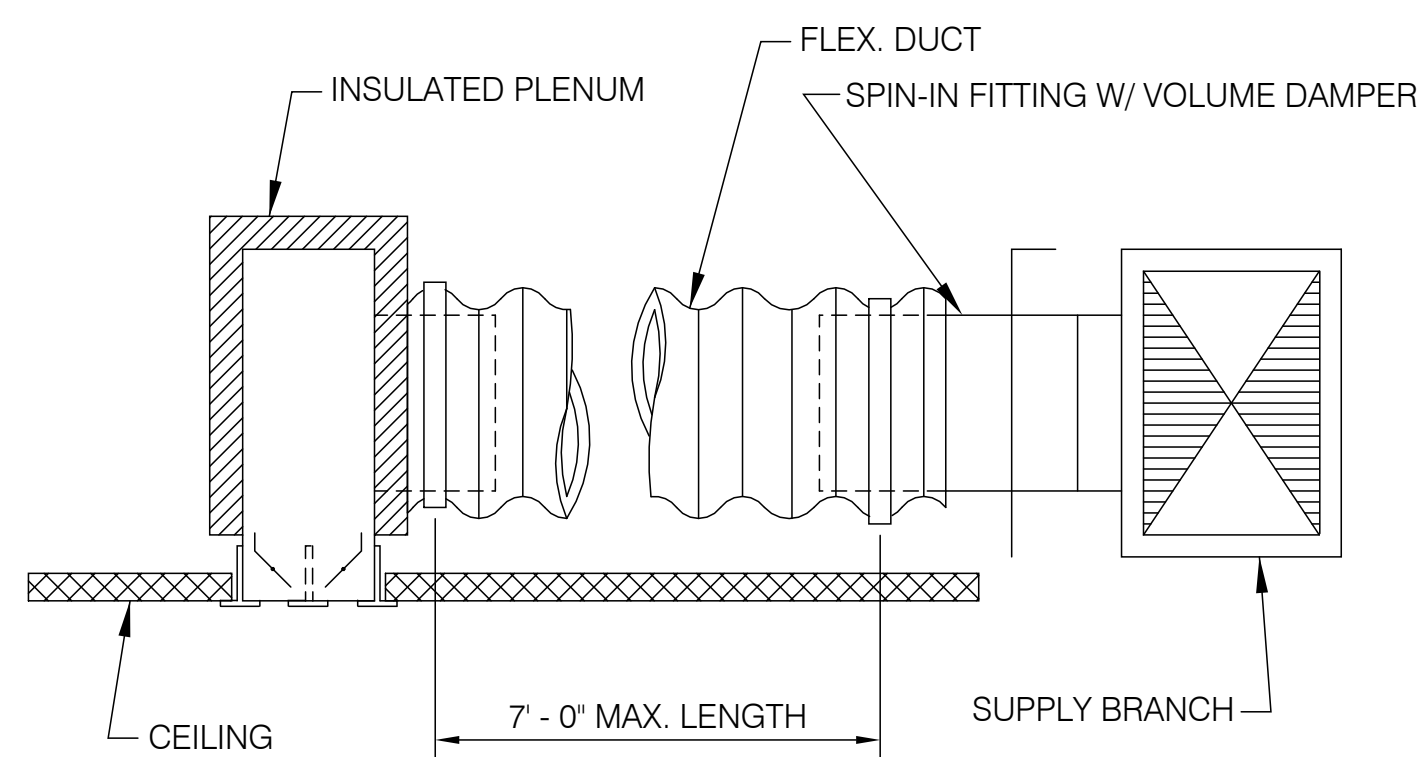




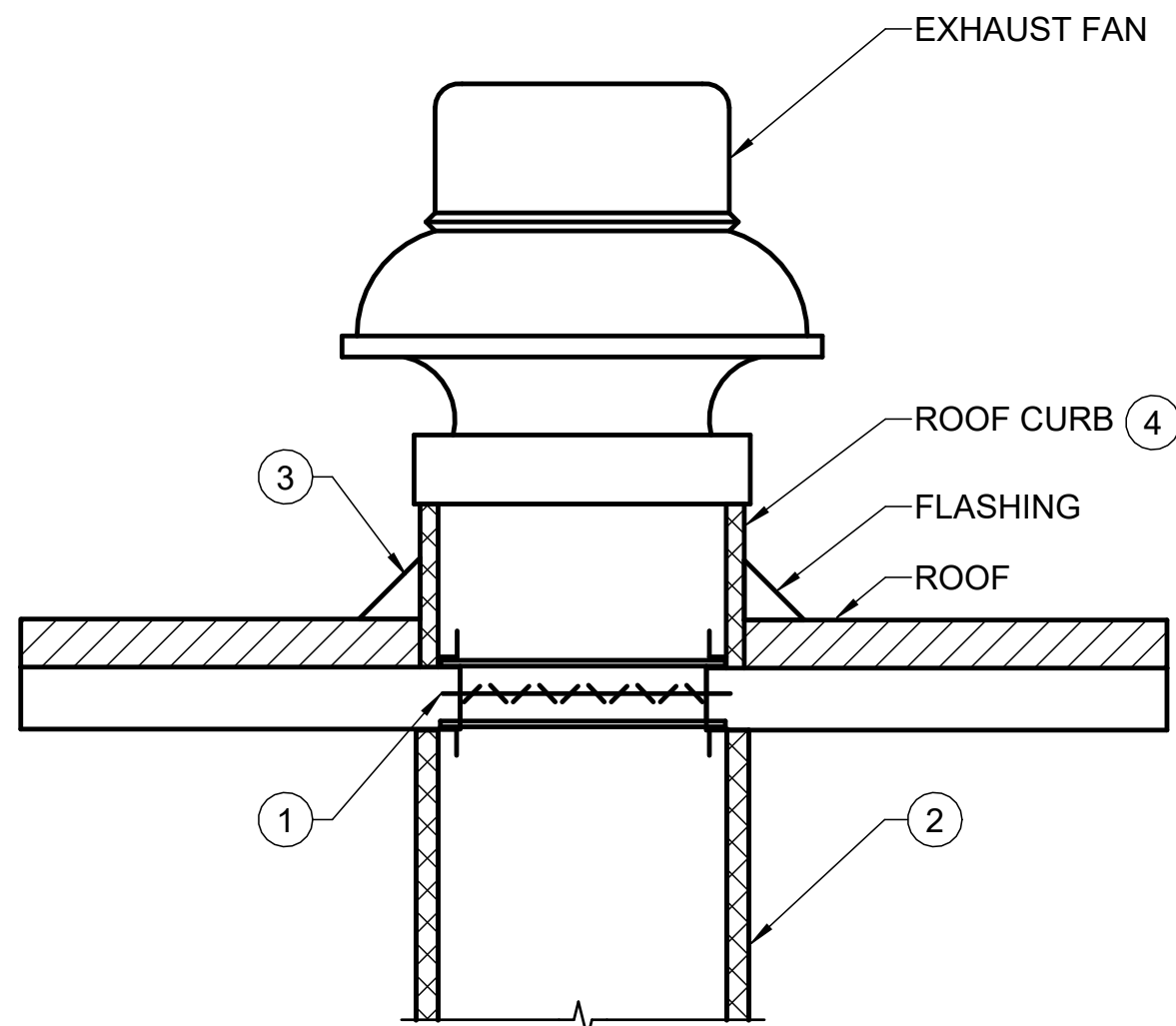
CAN YOU SEE THE AIRPLANES? THE ADJACENT SAMPLES SHOW THREE DIFFERENT LEVELS OF SHADING. SETTINGS FOR VIEWING AND PRINTING DRAWING CONTENT ARE OPTIMIZED WHEN ALL THREE PLANES ARE VISIBLE. THIS GUIDANCE IS PROVIDED FOR REFERENCE ONLY.



1 T-BAR DIFFUSER - STANDARD
SCALE: N.T.S



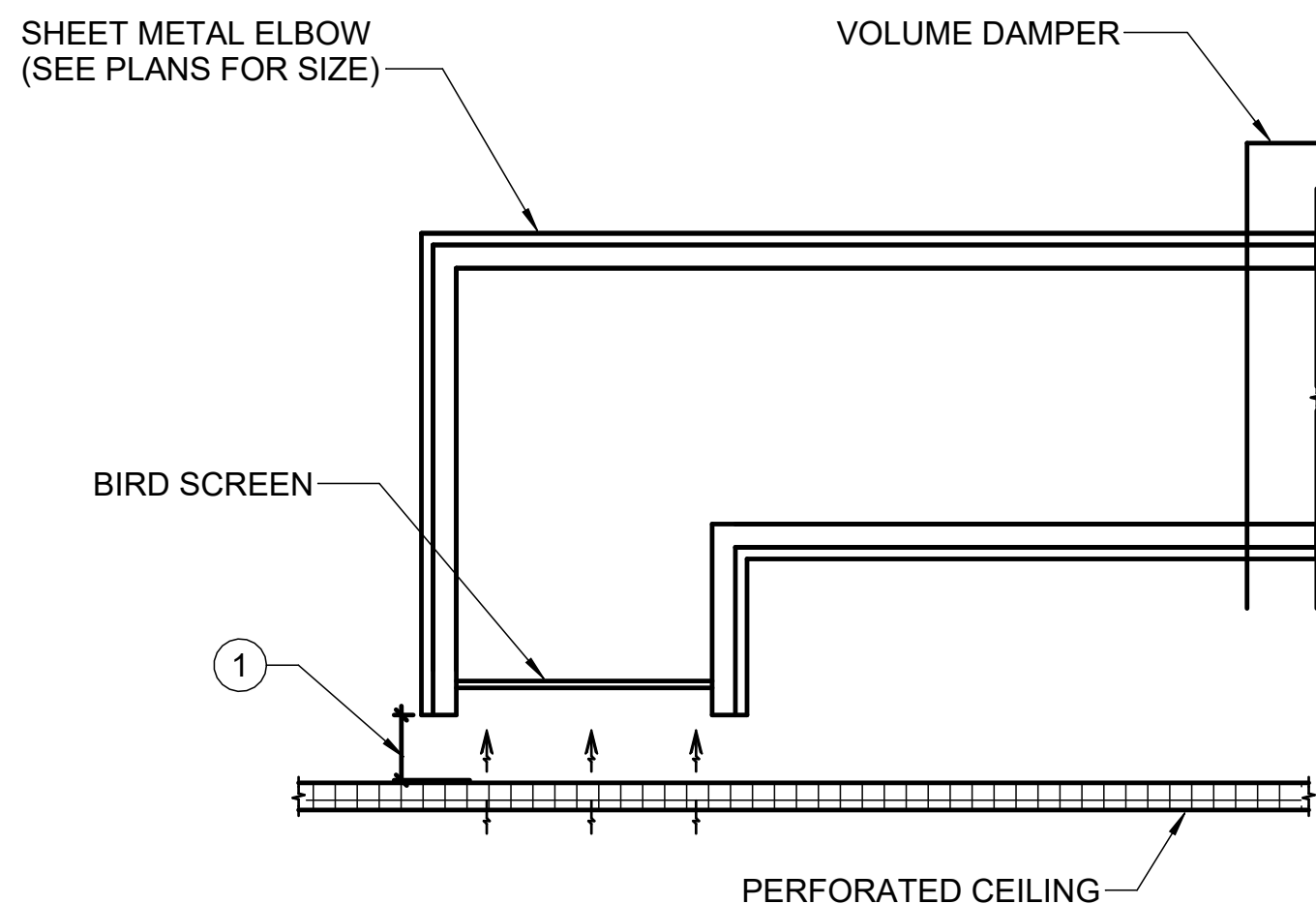
2 SLOT DIFFUSER
SCALE: N.T.S



KEY NOTE(S): #

1. AUTOMATIC MOTORIZED CONTROL DAMPER.
2. INTERNAL LINING AS REQUIRED BY SPECIFICATIONS.
3. REFER TO ARCHITECTURAL FOR ADDITIONAL ROOFING AND DECK ENCLOSURE DETAILS.
4. WHERE REQUIRED PROVIDE ROOF CURB ADAPTER AND UTILIZE EXISTING ROOF CURB.

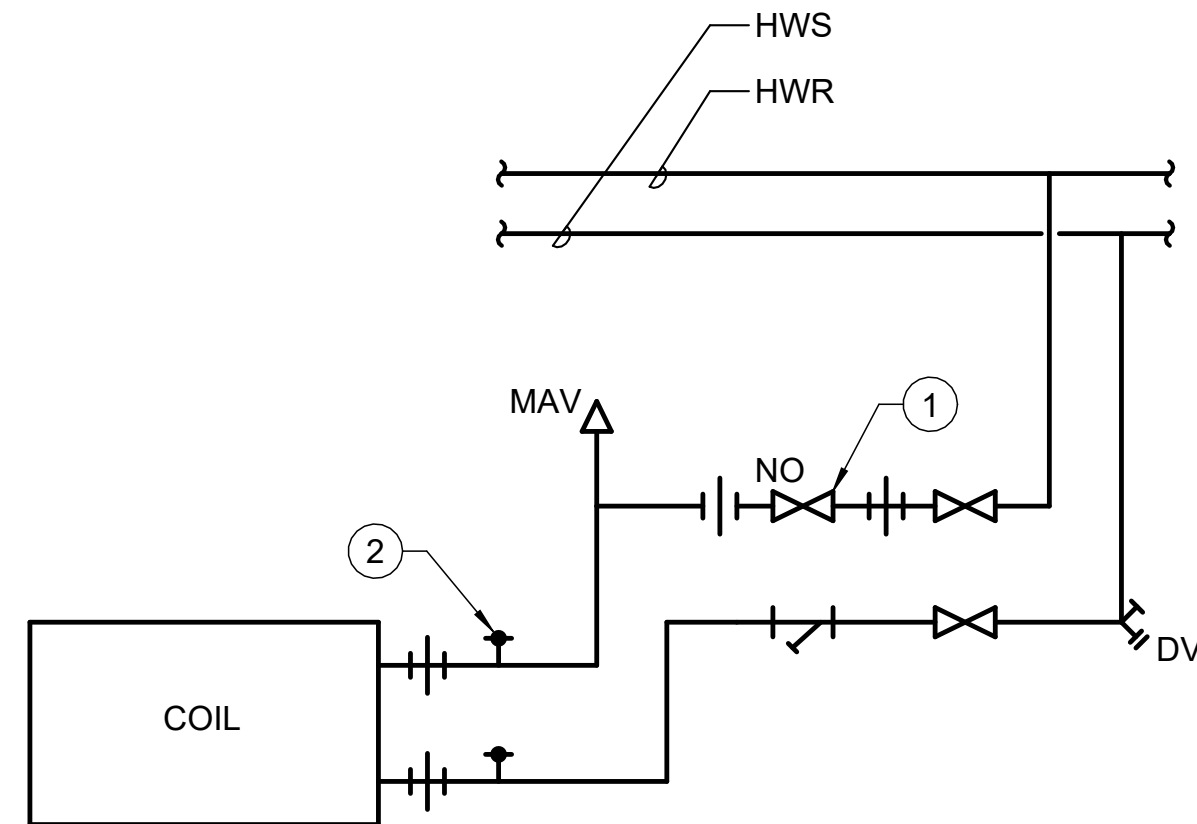
3 ROOF EXHAUST FAN
SCALE: N.T.S



KEY NOTE(S): #

1. PROVIDE ON INCH MINIMUM CLEARANCE ABOVE CEILING FINISH SERVING ALL-USER RESTROOM STALLS

4 EXHAUST AIR PLENUM BOOT
SCALE: N.T.S



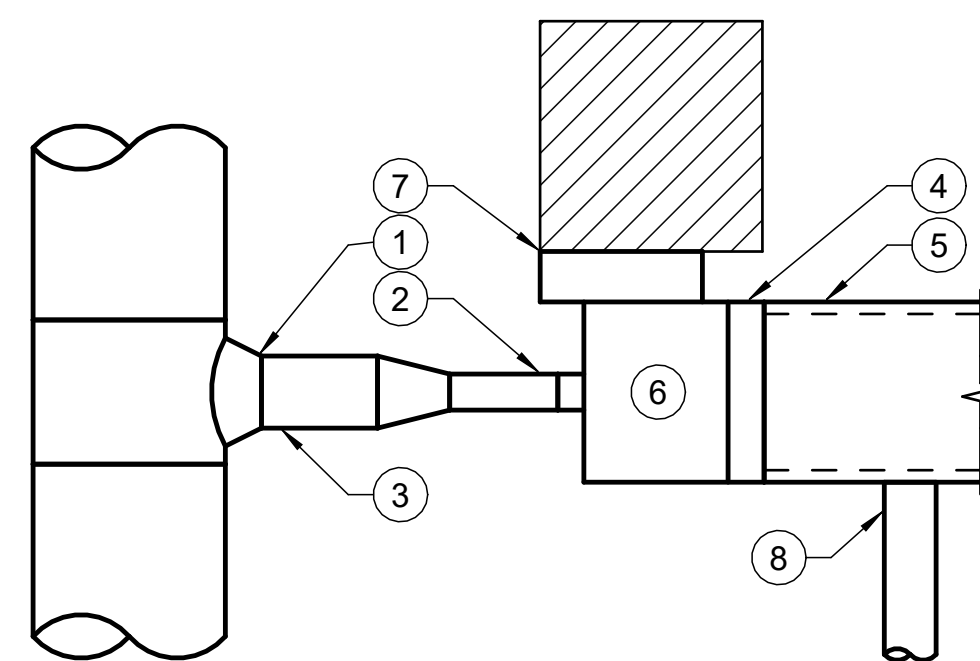
NOTE(S):

1. TYPICAL OF REHEAT COILS
2. VARIABLE FLOW HWS/HWR SYSTEM.

KEY NOTE(S): #

1. PRESSURE INDEPENDENT MOTORIZED CONTROL VALVE
2. "PETE'S" PLUG (TYPICAL)

5 REHEAT COIL CONNECTION - TERMINAL UNIT
SCALE: N.T.S



KEY NOTE(S): #

1. CONICAL TEE.
2. INLET DUCT. MINIMUM STRAIGHT LENGTH = 3'-0" OR 4 DUCT DIAMETERS FROM MAIN DUCT, WHICHEVER IS LARGER. FLEXIBLE CONNECTIONS ARE NOT ALLOWED.
3. MEDIUM PRESSURE MAIN DUCT. IF UNDER 10'-0" IN LENGTH, DUCT SIZE TO BE THE SAME SIZE AS TERMINAL UNIT INLET CONNECTION, IF LENGTH IS 10'-0" OR GREATER DUCT SIZE TO BE AS SHOWN ON PLAN.
4. HEATING COIL, WHERE INDICATED.
5. DISCHARGE DUCT TO BE 1 1/2" LINED SHEET METAL, MINIMUM 8'-0" LONG, SAME SIZE AS TERMINAL UNIT OUTLET, OR AS SHOWN ON PLAN, WHICHEVER IS LARGER.
6. INSTALL TERMINAL UNIT WITHIN 2' ABOVE CEILING PLANE TO MAINTAIN SERVICE ACCESS.
7. NEMA 1 CONTROL ENCLOSURE SUITABLE FOR PLENUM APPLICATIONS. PROVIDE 36" CLEARANCE DIRECTLY IN FRONT OF ENCLOSURE, MOUNT CONTROL PANEL AND COIL VALVE ASSEMBLY ON SAME SIDE OF UNIT.
8. FIRST BRANCH DUCT TAP MAY NOT BE WITHIN FIRST 5'-0" OF PLENUM.

6 TYPICAL TERMINAL UNIT
SCALE: N.T.S

DRAWING SCALE IS REDUCED 50% WHEN SHEET SIZE IS 11" x 17".
0 1/4" = 1' GRAPHIC SCALE FOR REFERENCE ONLY

NO.	DATE	BY	REVISIONS	APP.	NO.	DATE	BY	REVISIONS	APP.

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2025D031
DESIGN NUMBER

103101
PROJECT NUMBER

REGISTERED PROFESSIONAL
ENGINEER
76752PE

OREGON
MAR. 08. 2005
NED M. GREENE

EXPIRES: 06/30/2027

PORTLAND INTERNATIONAL AIRPORT	SUBMITTED BY	BRIAN FRANCIS
TERMINAL RESTROOM REHABILITATION 2026	DESIGNED BY	M. GIOVAGNOLI
DETAILS - MECHANICAL	DRAWN BY	S. CARTER
	CHECKED BY	M. BRUNE
	DATE	JULY 2026
	SHEET NO.	78
	DRAWING NO.	PDX 2026-510
	TYPE	CD
	DISC. SHT. NO.	M5.01

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