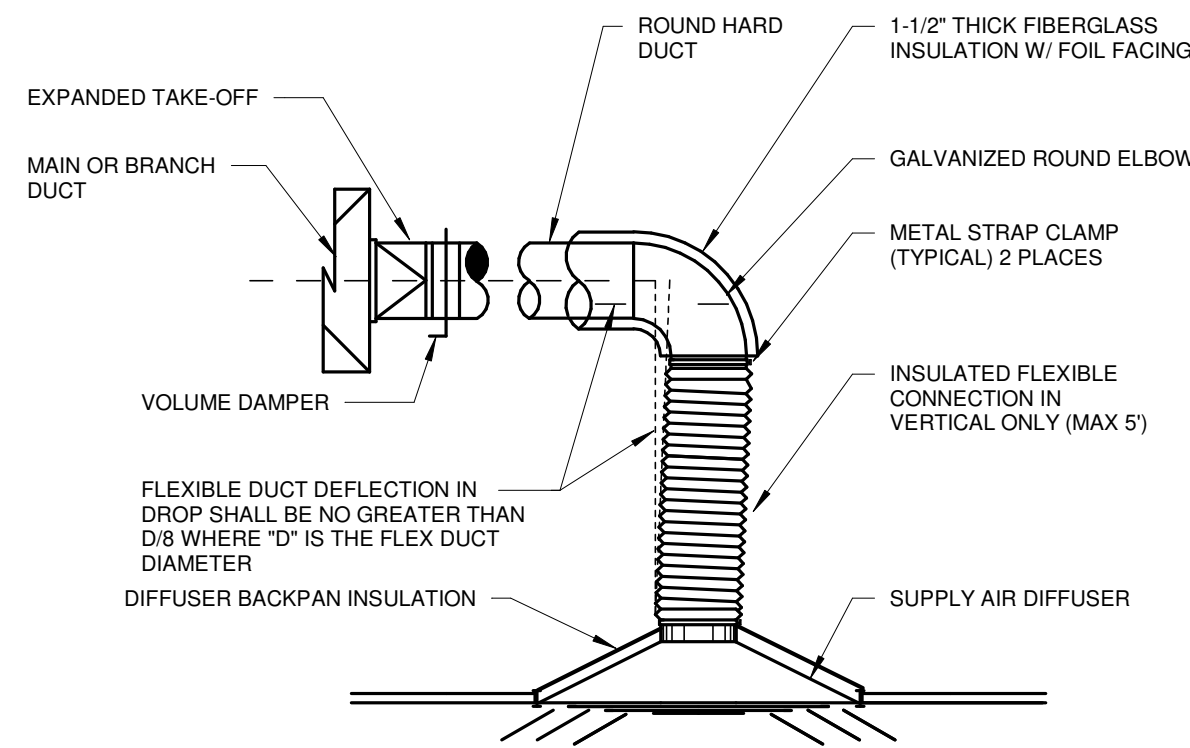
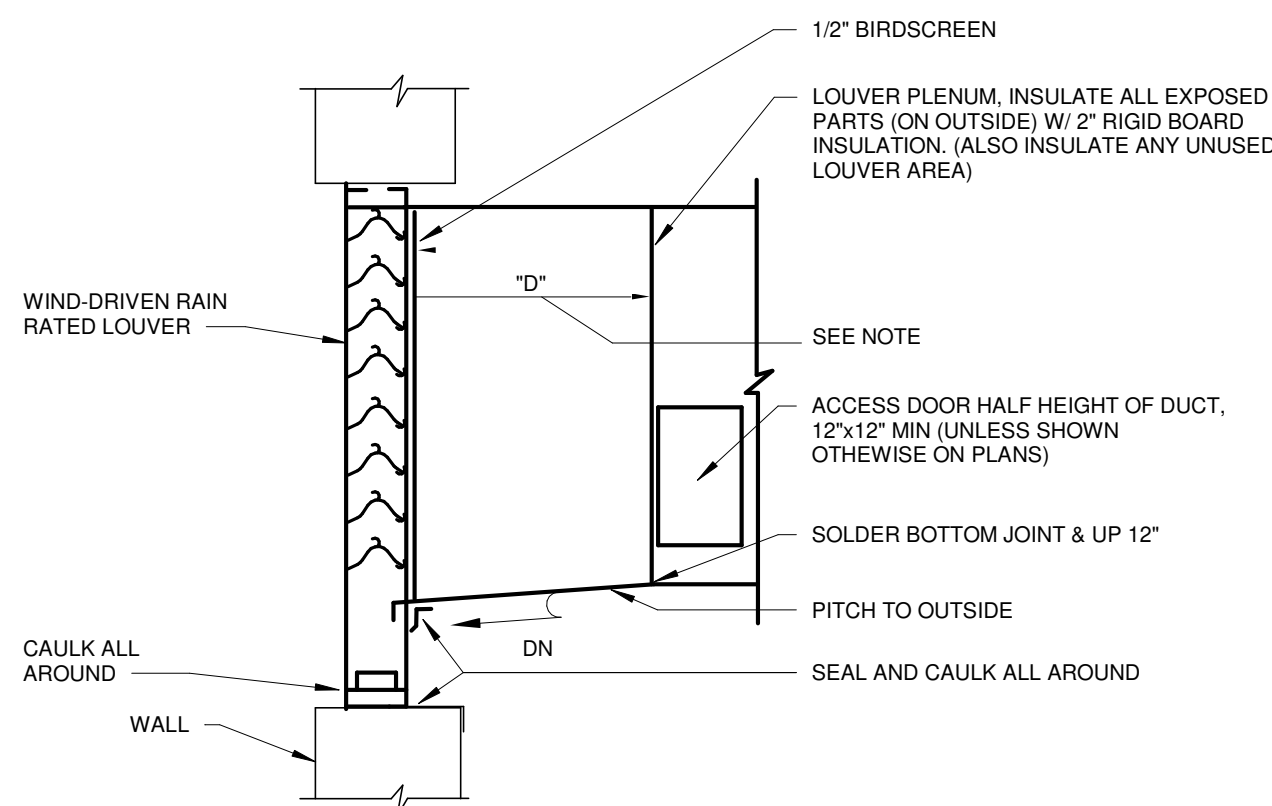


DUCTWORK ROOF PENTRATION DETAIL
NOT TO SCALE

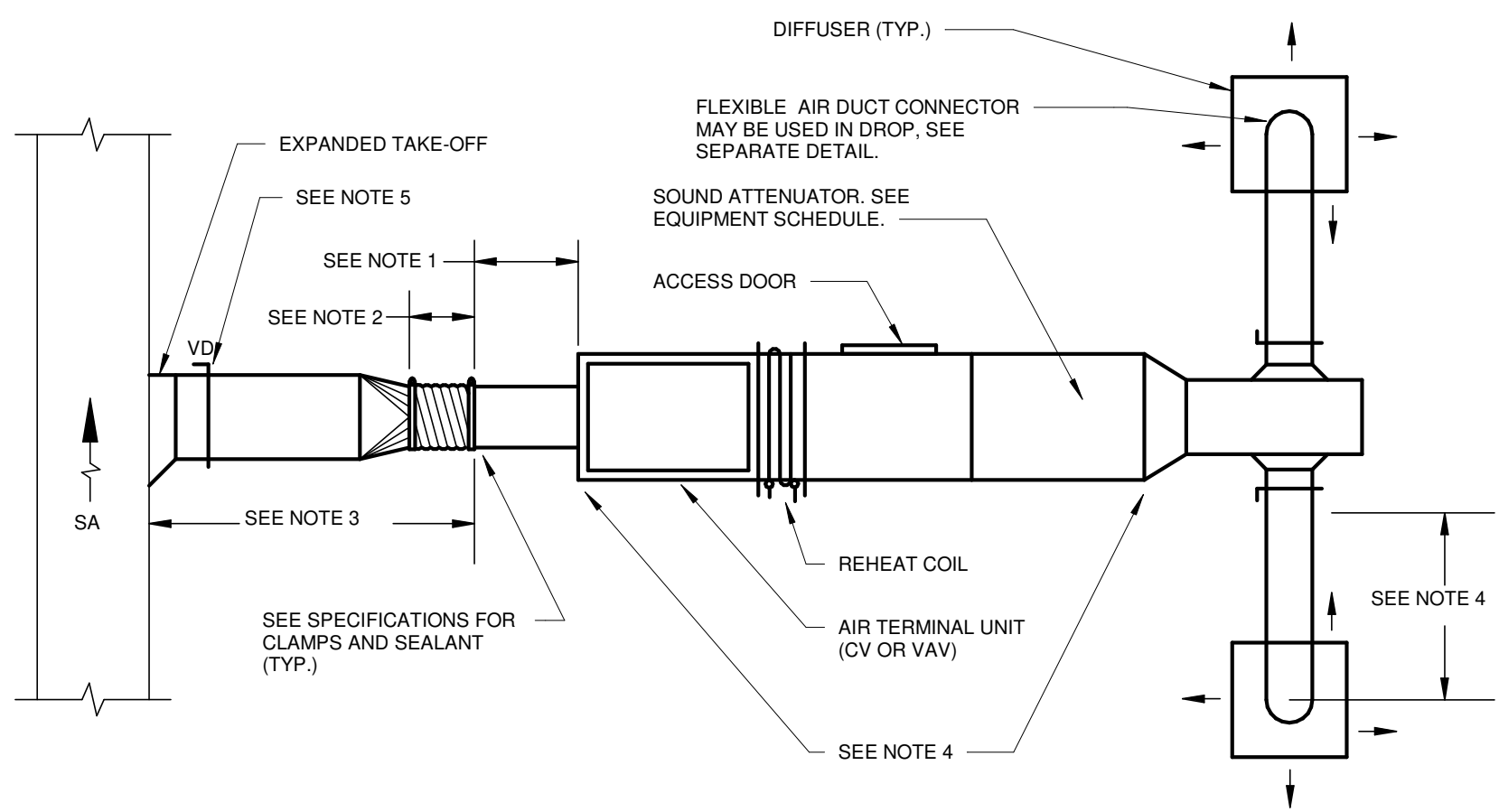


DIFFUSER CONNECTION - FLEX DETAIL
NOT TO SCALE



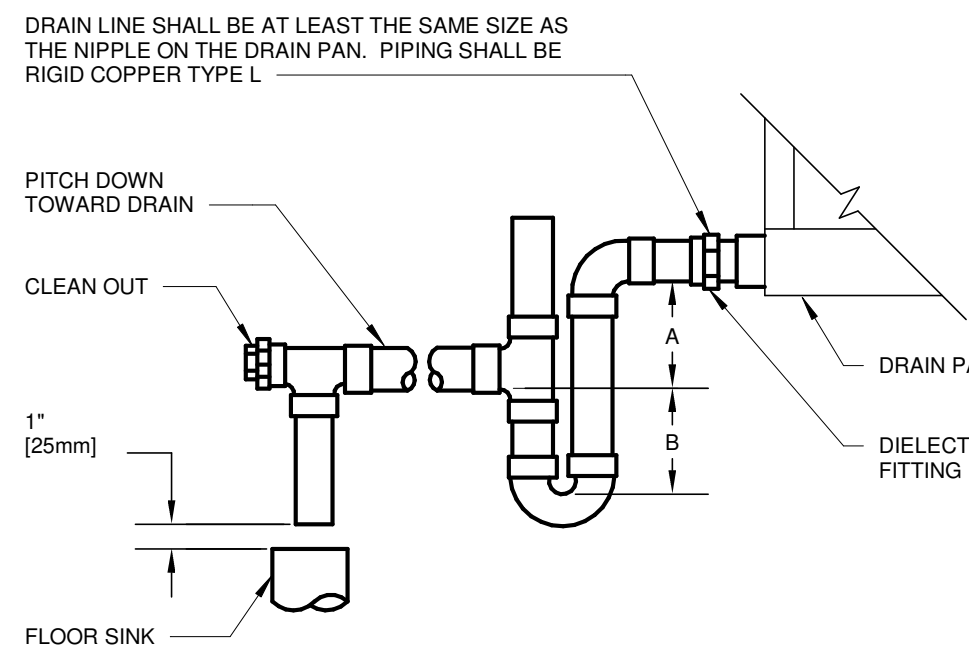
DETAIL NOTES:
1. WHEN 10" IS OVER 24" PROVIDE 3/4" DRAIN WITH TRAP AND THREADED CAP AT 5'-0" CENTERS (IF DEPTH INTO PAPER IS GREATER THAN 5'-0", 6" FROM LOUVER WITH TRAP)
2. PROVIDE LOUVER WITH EXTENDED SILL IF SPECIFIED SCHEDULED.

LOUVER CONNECTION
NOT TO SCALE



- NOTES:
1. RIGID STRAIGHT TERMINAL UNIT INLET LENGTH SHALL BE A MINIMUM OF 3 TIMES THE DIAMETER OF INLET.
2. A FLEXIBLE AIR DUCT CONNECTOR IS NOT MANDATORY FOR INLET TO THIS BOX, BUT ALLOWED TO ACCOMMODATE MINOR OFFSETS. MAXIMUM LENGTH 2'-0" AND MUST BE HIGH-PRESSURE RATED.
3. A BRANCH DUCT SERVING AN INDIVIDUAL BOX MAY BE THE SAME SIZE AS THE BOX INLET. PROVIDED THE EQUIVALENT LENGTH OF THE BRANCH DUCT, AS SHOWN, DOES NOT EXCEED 10 FEET. FOR LONGER LENGTHS, INCREASE THE DUCT SIZE AND PROVIDE A DUCT TRANSITION TO MAINTAIN THE DUCT STATIC PRESSURE DROP AT OR BELOW 0.2"100'.
4. COMPONENT ARRANGEMENT MAY VARY BY MANUFACTURER. PROVIDE INSULATION W/VAPOR BARRIER FOR CONNECTING DUCT SECTIONS.
5. VD IN RUNOUT TO TERMINAL UNIT ONLY REQUIRED IF SHOWN ON PLANS.

DUCT CONNECTION - AIR TERMINAL UNITS
NOT TO SCALE

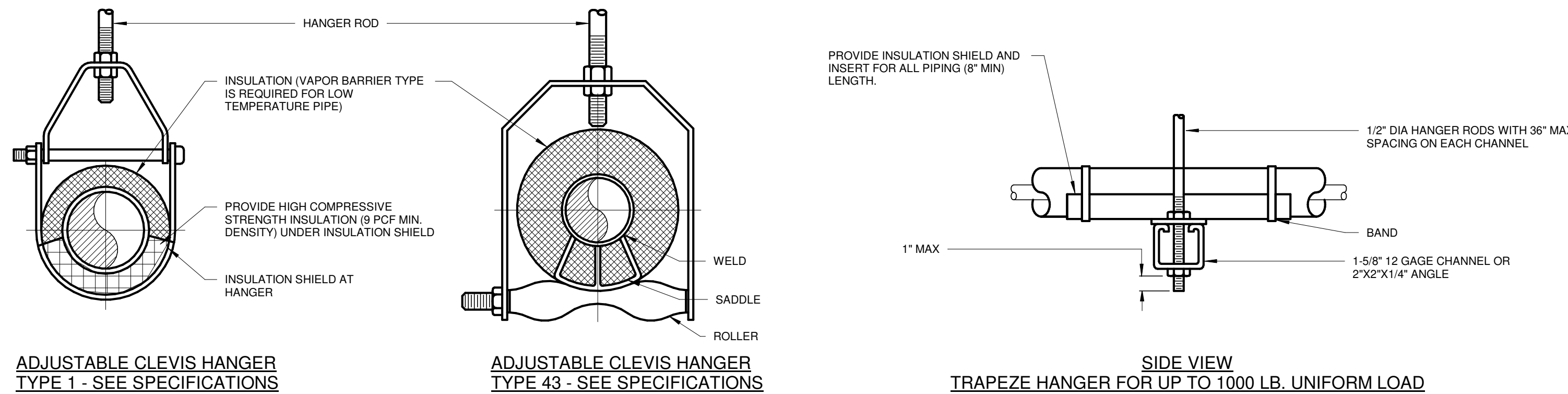


- NOTES:
1. DIELECTRIC FITTING TO BE USED WHEN TWO DISSIMILAR METALS ARE TO BE CONNECTED.

UNIT TYPE	A	B
DRAW THRU	2" [50mm] PLUS X	X
BLOW THRU	1" [25mm] MINIMUM	2X

WHERE X = STATIC PRESSURE IN PAN

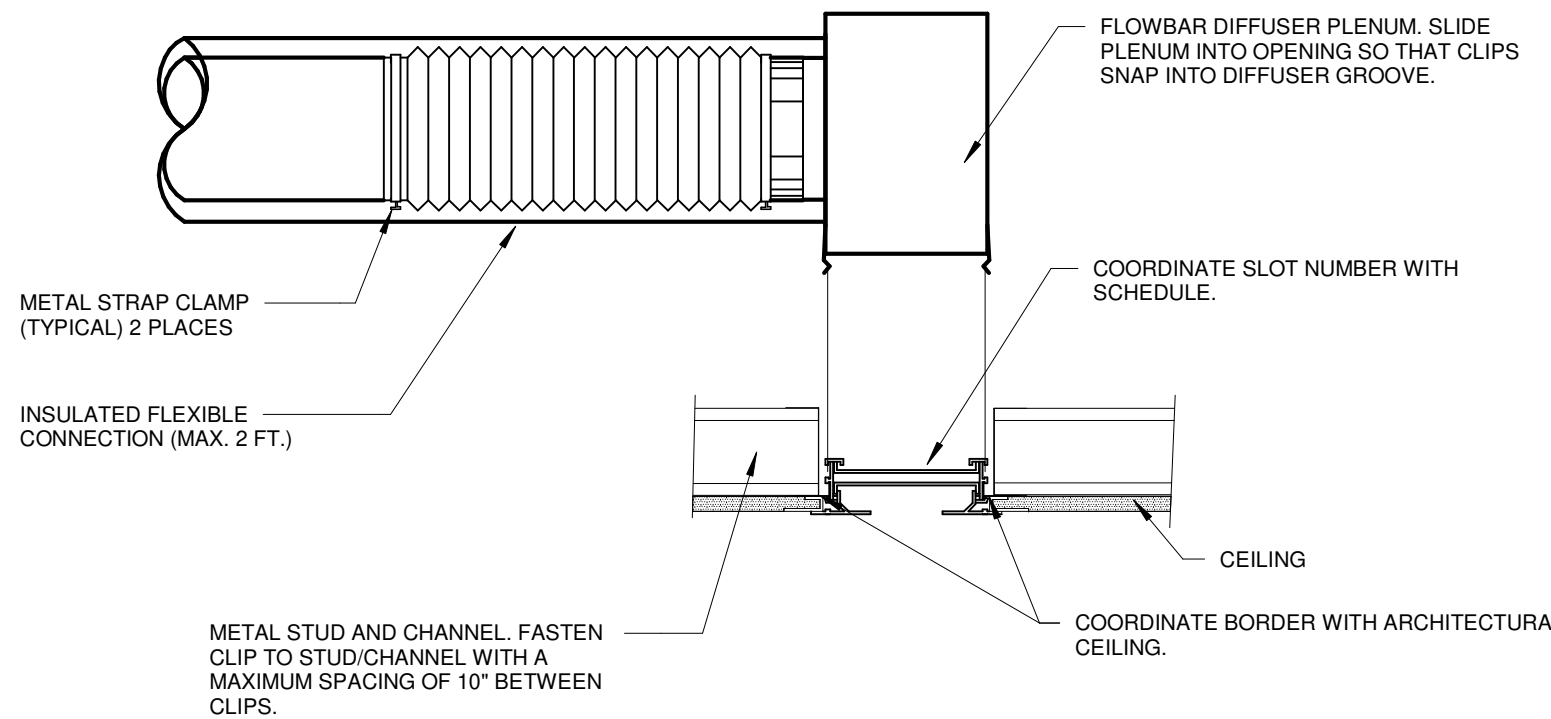
CONDENSATE DRAIN TRAP
NOT TO SCALE



MAXIMUM PIPE/TUBING SUPPORT SPACING																			
NOM. SIZE	IN.	THRU 3/4	1	1 1/4	1 1/2	2	2 1/2	3	4	5	6	8	10	12	14	16	18	20	24
PIPE	FT.	7	7	7	9	10	11	12	14	16	17	19	22	23	25	27	28	30	32
TUBING	FT.	5 FT	6	7	8	8	9	10	12	13	14	16	-	-	-	-	-	-	-
NOTE: FOR TRAPEZE HANGER, USE SPACING OF SMALLEST PIPE/TUBE SIZE ON TRAPEZE.																			

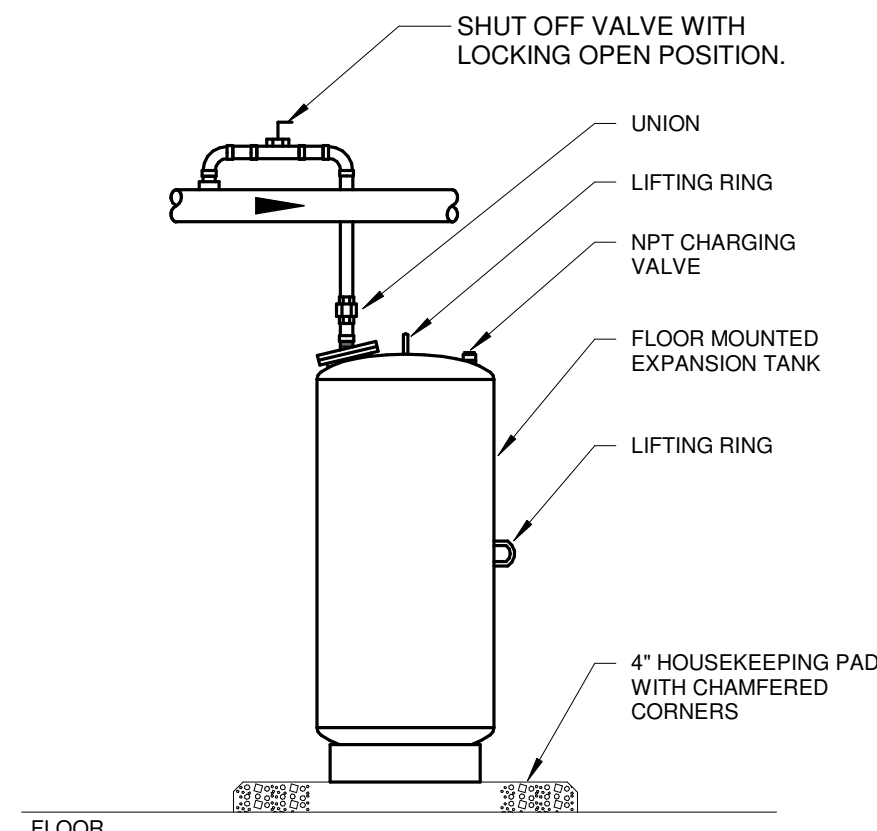
NOTE: FOR TRAPEZE HANGER, USE SPACING OF SMALLEST PIPE/TUBE SIZE ON TRAPEZE.

TYPICAL PIPE HANGERS
SCALE: 1/8" = 1'-0"



- NOTES:
1. SEE ARCHITECTURAL DRAWINGS FOR ADDITIONAL INFORMATION REGARDING OPENING IN CEILING.

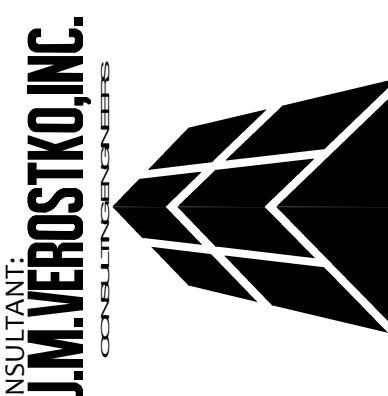
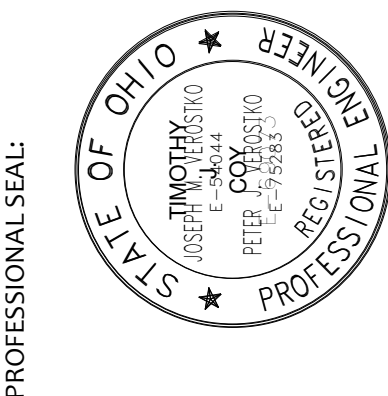
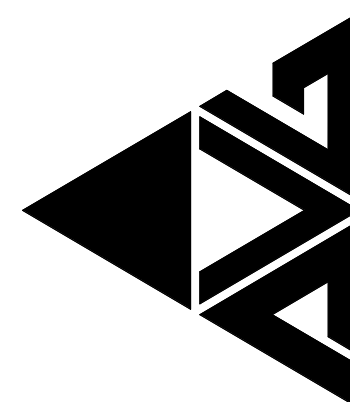
LINEAR DIFFUSER DETAIL
SCALE: 1/8" = 1'-0"



EXPANSION TANK (FLOOR MOUNTED)
SCALE: 1/8" = 1'-0"

PROJECT NO
2203-2

ARCHITECTURAL VISION GROUP, LTD
PLANNERS
ARCHITECTS
23850 SPERRY DRIVE
CLEVELAND, OHIO 44145



MASSILLON CITY SCHOOLS
MASSILLON EAST ELEMENTARY PK-3
1 PAULE BROWN DRIVE SE, MASSILLON, OHIO 44646
MASSILLON CITY SCHOOL DISTRICT MASSILLON, OHIO

NO.	DATE	DESCRIPTION
1	07/12/23	ISSUED AS:

PROJECT NO 2203-2
DRAWN BY PH
CHECKED BY ARB
DATE 07/12/23

HVAC DETAILS
SCALE: 1/8" = 1'-0"
SHEET NO
M-402