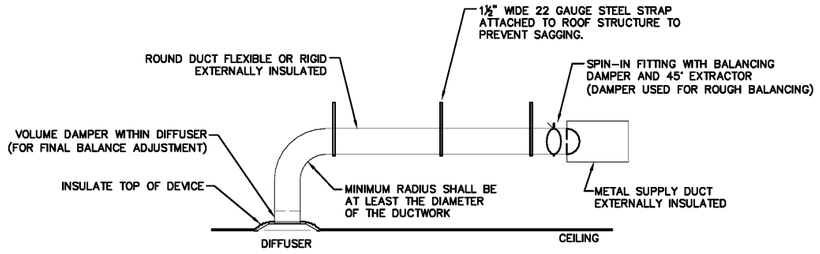
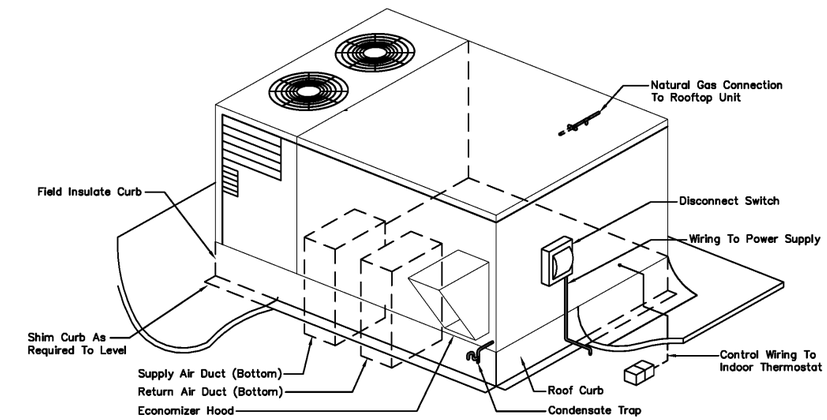


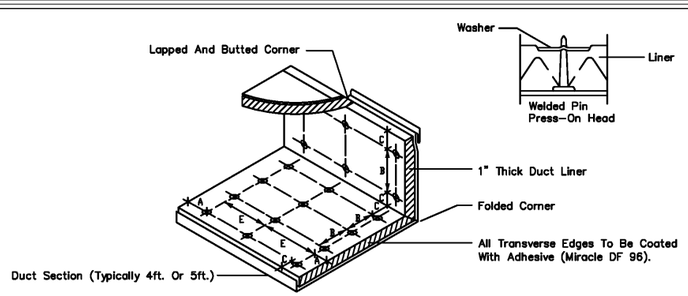
COMMENTS:

1. REFER TO THE MECHANICAL EQUIPMENT SCHEDULE FOR COMPONENT AND DEVICE SPECIFICATIONS.
2. SUPPORTS FOR FLEX DUCTWORK SHALL BE SPACED AT 4'-0" MAX. FLEX DUCT SHALL SAG NO MORE THAN ½"PER FOOT OF RUN.
3. ALL DUCT INSULATION SHALL HAVE A MINIMUM INSULATING VALUE OF R-6.
4. APPLY MASTIC DUCT SEALER AT EACH JOINT OR SEAM OR CONNECTION.
5. APPLY MASTIC TO DIFFUSER COLLAR AND SLIDE FLEX OVER WHILE STILL WET, BAND CLAMP AND TAPE.
6. SUPPORT DUCTWORK WITH 1½"WIDE 22 GAUGE STEEL STRAPS FIRMLY ATTACHED TO THE BUILDING STRUCTURE. SPACING SHALL BE MAXIMUM 10'-0" FOR RIGID DUCTWORK, AND MINIMUM 4'-0" FOR FLEXIBLE DUCTWORK. 12 GAUGE WIRE MAY BE SUBSTITUTED FOR STRAPS IF 1 ½" WIDE 22 GAUGE STEEL SADDLES ARE USED TO FULLY ENCIRCLE DUCT. REFER TO THE HVAC DUCT CONSTRUCTION STANDARDS PUBLISHED BY SMACNA FOR ADDITIONAL DETAILS. FULLY COMPLY WITH MECHANICAL CODES.

1	DIFFUSER / FLEX DUCT CONNECTION DETAIL
NONE	



2	TYPICAL ROOF TOP UNIT
NONE	



Velocity	Dimensions			
	A	B	C	E
0-2500 FPM	3"	12"	4"	18"
2501-6000 FPM	3"	6"	4"	16"

COMMENTS:

1. LINER SHALL EXTEND A MINIMUM OF 15' FROM ALL SUPPLY RETURN AND EXHAUST DUCTWORK CONNECTED TO ANY FAN DRIVEN EQUIPMENT.
2. TOILET EXHAUST SYSTEM DUCTWORK DOES NOT REQUIRE LINING.
3. MAXIMUM SPACING FOR FASTENERS. ACTUAL INTERVALS ARE APPROXIMATE.
4. LINER ADHERED TO THE DUCT WITH 90% MIMIMUM AREA COVERAGE OF ADHESIVE.
5. THE VELOCITY RATED SIDE OF LINER MUST FACE THE AIR FLOW.

3	ACOUSTICAL DUCT LINER INSTALLATION DETAIL
NONE	

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No	Date	Description

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DRAWN BY:	SP
CHECKED BY:	CAH
DATE:	06/22/17
SCALE:	
C.A. COMMISSION NUMBER	1704
SHEET NAME	MECHANICAL DETAILS
SHEET NUMBER	M1.1