RETURN AIR BOOT DETAIL (L13)
NOT TO SCALE

DUCT HANGER DETAIL (L10)
NOT TO SCALE

DIFFUSER CONNECTION DETAIL (L6)
NOT TO SCALE

INLINE FAN SUPPORT DETAIL (N1)
NOT TO SCALE

SPLIT SYSTEM PIPING SCHEMATIC (H1)
NOT TO SCALE

NOTES:
1. MAKE OPENING 1/8" PER LINEAL FOOT LARGER THAN DAMPER DIMENSIONS WITH 1/4" MIN REQ'D.
2. SLEEVE GAUGE > GAUGE OF DUCT WHERE DUCT CONSTRUCTION AND JOINTS PER NFPA 90. DUCT 20 GA. MIN.
3. DAMPER CONSTRUCTED AND TESTED PER UL 555, UL LABELED, 1-1/2 HOUR FIRE RATING W/165°F FUSIBLE LINK.
4. SEAL BETWEEN WALL AND SLEEVE W/APPROVED FIRE STOP MATERIAL.
5. FIRE DAMPER SHALL BE CONFIGURED SUCH THAT UNACTIVATED FIRE DAMPER CURTAIN SHALL BE OUTSIDE OF THE AIRSTREAM.
6. DUCT DETECTOR BY DIV 16 (SMOKE DAMPERS ONLY).

FIRE/SMOKE DAMPER DETAILS (G6)
NOT TO SCALE

AIR DEVICE CONNECTION DETAIL (G12)
NOT TO SCALE

NOTE:
TAPS MAY HAVE SCREWS

CONICAL TEES DETAIL (E14)
NOT TO SCALE

NOTES:
1. SECURE CURB CAP TO WOOD NAILING STRIP WITH 3/8" CADMIUM PLATED LAG BOLTS NOT OVER 12" ON CENTER.
2. SECURE ROOF CURB, DUCTWORK AND DAMPER TO ROOF BLOCKING.
3. SIZE OF DUCT THROUGH ROOF SHALL NOT BE LARGER THAN CURB SUPPLIED WITH ROOF VENTILATOR.
4. RUN ELECTRIC LINES THROUGH CLEARANCE HOLE PROVIDED IN GRAVITY DAMPER, THEN THROUGH VENTILATOR ELECTRICAL CONDUIT GUIDE.

ROOF VENTILATOR DETAIL (F1)
NOT TO SCALE

DUCT TRANSITION DETAILS (A14)
NOT TO SCALE

NOTE:
IF CAST IN PLACE, USE STEEL SLEEVE AND SET NEOPRENE PAD ON CONC

NOTES:
1. TYP FOR NON-INSULATED PIPE AND CONDUIT.
2. TYP FOR MASONRY OR CONCRETE WALL.

PIPE PENETRATION DETAILS (A6)
NOT TO SCALE

TYPICAL FOR RUNOUTS TO CEILING DIFFUSERS

NOTES:
1. SUPPORT IN ACCORDANCE W/ SMACNA GUIDLINES.
2. BAND FLEX TO COLLAR 1/2" MINIMUM FROM OUTBOARD END OF COLLAR.
3. INSTALL SPIN COLLAR DAMPER IN OPEN POSITION; FINAL ADJUSTMENT BY TESTING AND BALANCING CONTRACTOR.
4. POP RIVET OR SHEET METAL SCREWS, MINIMUM 3 EA AT 120° INTERVALS, CONNECTING STOVEPIPE TO COLLAR. ENSURE RIVETS OR SCREWS DO NOT INTERFERE W/DAMPER.
5. SEAL JOINTS TO PREVENT LEAKAGE USE SPECIFIED SEALANTS.
6. INSTALL LOCKING QUADRANT AND HANDLE ON BOTTOM OF DUCT FOR EASY SERVICE (SHOWN ON TOP FOR EASE OF ILLUSTRATION ONLY).

SPIN COLLAR DUCT CONNECTOR WITH DAMPER DETAIL (A1)
NOT TO SCALE

CITY OF PORTLAND, MAINE — RESURGAM

Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 02/09/18

REV	DESCRIPTION	DATE
0	ISSUED FOR CONSTRUCTION	12-21-17

ISSUED FOR CONSTRUCTION
12-21-17
CURRENT ISSUE STATUS:

STATE OF MAINE — KERRY D. DINEEN 13301 — PROFESSIONAL ENGINEER — 12-21-17

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MAINE MEDICAL CENTER
M.M.C. HUTCHINS DRIVE RENOVATION
102 HUTCHINS DRIVE PORTLAND, ME

MECHANICAL DETAILS

SHEET TITLE:

0 1/4" 1/2" 1" 2" 3"
SCALE: AS NOTED

PROJECT MANAGER:	RSC	PROJECT NO:	17123
A/E OF RECORD:	KDD		
JOB CAPTAIN:	SDL		
DRAWN BY:	CWF		
SMRT FILE:	M-501-17123	SHEET No.	M-501

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