NOTES:
1. SUPPORT SYSTEM SHALL NOT DAMAGE DUCT OR CAUSE OUT OF ROUND SHAPE.
2. DUCTS ARE FLEXIBLE WITH EXTERNAL INSULATION AND VAPOR BARRIER JACKETING.
3. INSTALL FLEX DUCT STRAIGHT.

L1 STRAIGHT SECTION FLEXIBLE DUCT SUPPORT

NOT TO SCALE

NOTE:
1. INSTALL VANE EDGES TO PROJECT TANGENTS PARALLEL TO DUCT SIDES.

RADIUS ELBOW N.T.S.

RECT. ELBOW W/TURNING VANES N.T.S.

L6 LOW PRESSURE DUCT ELBOWS–TYPICAL

NOT TO SCALE

K10 ROOFTOP HVAC UNIT DETAIL

NOT TO SCALE

NOTE:
1. SEE SHEET M-001 FOR LEGEND AND ABBREVIATIONS.

F1 TEES AND LATERALS

NOT TO SCALE

E6 VAV BOX SCHEMATIC

NOT TO SCALE

K10 TYP. RETURN GRILLE PLENUM

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.

E15 ROOF VENTILATOR DETAIL

NOT TO SCALE

NOTES:
1. DRYWALL, METAL STUDS OR ANY OTHER RIGID MATERIAL MUST NOT TOUCH DUCT.
2. SUPPORT DUCT FROM HANGERS ON EITHER SIDE OF WALL. DO NOT LET DUCT "LOAD" ONTO WALL.
3. PENETRATION MUST BE SEALED 100% AIR TIGHT.
4. USE FIRE SEALANT AT FIRE WALLS.

E10 METAL DUCT WALL PENETRATION

NOT TO SCALE

A1 CONICAL TEES

NOT TO SCALE

A13 DUCT TRANSITIONS

NOT TO SCALE

A6 DIFFUSER CONNECTION DETAIL

NOT TO SCALE

A10 GRAVITY ROOF VENT

NOT TO SCALE

REV.	DESCRIPTION	DATE
1	CONFORMED SET	4-21-15
0	ISSUED FOR CONSTRUCTION	3-3-15

CONFORMED SET
4-21-15

CURRENT ISSUE STATUS:

STATE OF MAINE
CALEB J. MILLIKEN
No. 12274
LICENSED
PROFESSIONAL ENGINEER
4/21/15

SMRT
ARCHITECTURE
ENGINEERING
PLANNING
INTERIOR DESIGN
COMMISSIONING
144 Fore Street/P.O. Box 618
Portland, Maine 04104
tel. (207) 772-3846
fax. (207) 772-1070
www.smrtinc.com

L.L. BEAN
CHESHIRE BUILDING RENOVATIONS
PORTLAND, MAINE

HVAC DETAILS

SHEET TITLE:

SCALE:	NOT TO SCALE	DATE:	3-3-15
PROJECT MANAGER:	JLH	GRAPHIC SCALE:	0" 1"
JOB CAP/DRAWN:	CAH/KPB		
A/E OF RECORD:	CJM	SHEET No.	
SMRT CAD FILE:	M-501-14199	M-501	
PROJECT No.	14199-00		

© COPYRIGHT 2013 SMRT INC.