Reviewed for Code Compliance
Inspections Division
Approved with Conditions

Date: 07/12/13

TYP. CONCRETE PAD ON SLAB

NTS

DIFFUSER/RETURN CONNECTION DETAIL

NTS

NOTE DETAIL TYPICAL FOR CEILING GRILLES, REGISTERS AND LINEAR DIFFUSERS. FOR SURFACE-MOUNT DEVICES, SUPPORT PLENUM FROM CEILING GRID WITH STEEL ANGLES FASTENED TO PLENUM.

RECT. ELBOW W/TURNING VANES

NTS NOTE INSTALL VANE EDGES TO PROJECT TANGENTS PARALLEL TO DUCT SIDES.

OFFSET TYPE 1 (ANGLED)

NTS

CONCENTRIC TRANSITION

NTS

RADIUS ELBOW

NTS

RECTANGULAR TAP 45 DEGREE ENTRY

NTS

OFFSET TYPE 2 (MITERED)

NTS

ECCENTRIC TRANSITION

NTS

LOW PRESSURE DUCT CONSTRUCTION DETAILS - TYPICAL

NTS

DIFFUSER/RETURN CONNECTION DETAIL

NTS

NOTE DETAIL TYPICAL FOR CEILING GRILLES, REGISTERS AND LINEAR DIFFUSERS. FOR SURFACE-MOUNT DEVICES, SUPPORT PLENUM FROM CEILING GRID WITH STEEL ANGLES FASTENED TO PLENUM. FOR RETURN GRILLES, PROVIDE FLEXIBLE DUCT TO THE PLENUM WHERE INDICATED, 2 FEET LONG MINIMUM, 4 FEET MAXIMUM.

CONDENSATE TRAP DETAIL

NTS

NOTE - CAP UNUSED DRAIN PAN CONNECTIONS.

NOTE
NO DUCTWORK OR PIPING IS PERMITTED IN THE HATCHED AREAS.

SIDE VIEW

FRONT VIEW

SIDE VIEW

FRONT VIEW

CLEARANCES AT ELECTRICAL PANELS

NTS

AUTOFLOW VALVE PIPING SCHEMATIC W/ 2-WAY VALVE

NTS

NOTE - MODEL NUMBERS BASED ON FLOW DESIGN INC. FOR PIPE SIZES 2" AND SMALLER.
NOTE - DETAIL APPLIES TO HEAT PUMPS. COORDINATE PIPING COMPONENTS WITH THE HEAT PUMP MANUFACTURER.

CHIMNEY NOTES

1.) FIELD-VERIFY LENGTHS.
2.) PROVIDE STEEL SUPPORTS AS REQUIRED.

TYPICAL BOILER VENTING DETAIL

NTS

BENNETT ENGINEERING
MECHANICAL • ELECTRICAL
(207) 865-9475

REVISION SCHEDULE

DATE	REVISION DESCRIPTION	BY

COPYRIGHT 2012 BY O.C.C.

OPECHEE CONSTRUCTION CORPORATION
11 CORPORATE DRIVE, BELMONT NH 03220
PHONE (603) 527-9090 FAX (603) 527-9191

MECHANICAL DETAILS

PROJECT:
COMMERCIAL & MIXED USE DEVELOPMENT
MAPLE STREET
PORTLAND ME.

DATE: 06-06-2013
SCALE: 1/8" = 1'-0"
DRAWN BY:

SHEET: M9