Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 01/06/14

NOT USED
SCALE: NONE
1

SUSPENDED AIR HANDLING UNIT DETAIL
SCALE: NONE
2

CEILING MOUNTED CABINET FAN DETAIL
SCALE: NONE
3

HORIZONTAL REFRIGERANT PIPE SUPPORT DETAIL
SCALE: NONE
4

ROOFTOP UNIT DETAIL
SCALE: NONE
5

CEILING MOUNTED SUPPLY AIR DIFFUSER DETAIL
SCALE: NONE
6

CEILING MNTD. RETURN AIR GRILLE DETAIL
SCALE: NONE
7

NOTES:
1. LIQUID AND SUCTION LINES MAY BE ROUTED TOGETHER FOR CONVENIENCE, BUT MUST BE COMPLETELY INSULATED FROM EACH OTHER. DO NOT SOLDER LIQUID AND SUCTION LINES TOGETHER. DO NOT ALLOW METAL TO METAL CONTACT.
2. LINES SHOULD BE INSTALLED WITH AS FEW BENDS AS POSSIBLE, ALLOWING SERVICE ACCESS TO THE INDOOR COIL.
3. USE LONG RADIUS ELBOWS WHEREVER POSSIBLE, EXCEPT IN OIL RETURN TRAPS, WHERE SHORT RADIUS ELBOWS SHOULD BE USED.
4. REFER TO MANUFACTURER'S GUIDELINES FOR THE COMPLETE INSTALLATION.

VERTICAL REFRIGERANT PIPE SUPPORT DETAIL
SCALE: NONE
8

BRANCH TAKE-OFF FITTING DETAIL
SCALE: NONE
9

NOTES:
1. GENERAL CONTRACTOR SHALL BE RESPONSIBLE FOR THE COMPLETE INSTALLATION INCLUDING PROVIDING THE ROOF PENETRATION, ROOF JACK, FLASHING AND COUNTER-FLASHING FOR A WEATHER TIGHT SEAL.
2. MECHANICAL CONTRACTOR SHALL INSTALL THE REFRIGERANT PIPING AND INSULATION, AND COORDINATE WORK WITH THE GENERAL CONTRACTOR.
3. ELECTRICAL CONTRACTOR SHALL INSTALL THE POWER CONDUIT, AND COORDINATE WORK WITH THE GENERAL CONTRACTOR.

PIPING AND CONDUIT ROOF PENETRATION DETAIL
SCALE: NONE
10

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VERTICAL REFRIGERANT PIPE SUPPORT DETAIL
SCALE: NONE
11

KITCHEN UPBLAST GREASE EXHAUST FAN DETAIL
SCALE: NONE
12

NOTE:
ACCESS DOORS TO BE LOCATED AT MAXIMUM 10'-0" O.C. AND AT EACH CHANGE IN DIRECTION IN BOTH HORIZONTAL AND VERTICAL DUCT RUNS.

UL LISTED GREASE EXHAUST DUCT ACCESS DOOR DETAIL
SCALE: NONE
13

NOTE:
CONTRACTOR TO INSTALL DUCTWRAP IN STRICT ACCORDANCE TO MANUFACTURER'S REQUIREMENTS

UL LISTED GREASE EXHAUST DUCT WRAP DETAIL
SCALE: NONE
14

NOT USED
SCALE: NONE
15

NOT USED
SCALE: NONE
16

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STATE OF MAINE
BRIAN E. CHANDLER
No. 12879
PROFESSIONAL ENGINEER
11/18/2013

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DATE	DESCRIPTION
11/18/13	PERMIT ISSUE

DATE	DESCRIPTION

SHEET TITLE:
MECHANICAL DETAILS

SHEET NUMBER:
M3.0

PROJECT NUMBER:
EVB130001