5 VARIABLE REFRIGERANT PIPING

NO SCALE

SECTION VIEW – MODEL 54128ND-2
HOOD – #1

PLAN VIEW – Hood #1 – 12' 0.00" LONG

NOTE: Additional hanging angles provided for hoods 12' and longer.

ELECTRICAL PACKAGE NOTES

1. A PRE-WIRED ELECTRICAL CONTROL PACKAGE SHALL BE PROVIDED TO OPERATE THE HOOD LIGHTS AND FANS.
2. PACKAGE SHALL CONSIST OF SWITCH PANEL WITH LIGHT SWITCH, FAN SWITCH, PILOT LIGHT, FUSE BLOCK, TERMINAL STRIPS, UNIQUE SYSTEMS FOR EACH FAN(OPTIONAL), NUMBERED EXHAUSTOR TERMINAL STRIPS, AND A TERMINAL FOR CONNECTING THE FAN TO THE FIRE ALARM SYSTEM.
3. ONE RELAY IS WIRED TO AN ACTUATOR ON FIRE SYSTEM FOR SUPPLY FAN SHUTDOWN AND OTHER RELAY FOR EXHAUST FAN SHUTDOWN. (SEE DIAGRAM)
4. ELECTRICAL CIRCUIT GOES FROM THE PANEL, SHALL BE CONNECTED TO THE NUMBERED TERMINAL STRIP. TIMEDEY CONTACTS ARE WIRED TO THE NUMBERED STRIPS. IT SHALL BE SUPPLIED BY THE ELECTRICAL CONTRACTOR.

PIPE SIZES	MAXIMUM ALLOWABLE SPACING
1/2" TO 4"	10'-0" ON CENTER
5"	6'-0" ON CENTER
6"	4'-0" ON CENTER

8 PIPE HANGER AT WOOD TRUSSES

NO SCALE

FAN #1 NCA24HPFA - EXHAUST FAN

FEATURES:

- ROOF MOUNTED FANS
- RESTAURANT MODEL
- UL705 AND UL762
- AMCA SOUND AND AIR CERTIFIED
- WIRING FROM MOTOR TO DISCONNECT SWITCH
- WEATHERPROOF DISCONNECT
- HIGH HEAT OPERATION 300°F (149°C)
- GREASE CLASSIFICATION TESTING

NORMAL TEMPERATURE TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING AIR AT 300°F (149°C) UNTIL ALL FAN PARTS HAVE REACHED THERMAL EQUILIBRIUM, AND WITHOUT ANY DETERIORATING EFFECTS TO THE FAN WHICH WOULD CAUSE UNSAFE OPERATION.

ABNORMAL FLARE-UP TEST
EXHAUST FAN MUST OPERATE CONTINUOUSLY WHILE EXHAUSTING BURNING GREASE VAPORS AT 600°F (316°C) FOR A PERIOD OF 15 MINUTES WITHOUT THE FAN BECOMING DAMAGED TO ANY EXTENT THAT COULD CAUSE AN UNSAFE CONDITION.

OPTIONS

GREASE BOX
FAN BASE CERAMIC SEAL - FOR GREASE DUCTS

PITCHED CURBS ARE AVAILABLE FOR PITCHED ROOFS.

SPECIFY PITCH:
EXAMPLE: 7/12 PITCH = 30° SLOPE

1 HOOD DETAILS

NO SCALE

Plot Date: 9/23/2013 2:44:15 PM

HARRIMAN

AUBURN PORTLAND MANCHESTER

Reviewed for Code Compliance
Inspections Division
Approved with Conditions
Date: 10/31/13

GOULD RESTAURANT

PORTLAND, MAINE

Harriman Project No.	12752
Key Plan	Proj North

Issues and Revisions

Mark	Date	Description
	05-31-13	ISSUED FOR CONSTRUCTION
	07-26-13	RE-ISSUED FOR CONSTRUCTION
	09-23-13	RE-ISSUED FOR CONSTRUCTION

STATE OF MAINE
CLIFTON W. GREIM
No. 6405
LICENSED
PROFESSIONAL ENGINEER

Drawing Scales
NO SCALE

PA / PE: CG
Drawn By: JSC

© 2013 Harriman Associates

DETAILS

M30.1