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DRAWING INFORMATION		
DATE	DESCRIPTION	BY
01-07-19	FOR CONSTRUCTION	KM

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NCA JOB# 19-107

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1777 N. Kinser Pkwy Ste 100
Bozeman, MT 59715 (800) 361-4664

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Fax (205) 322-1728
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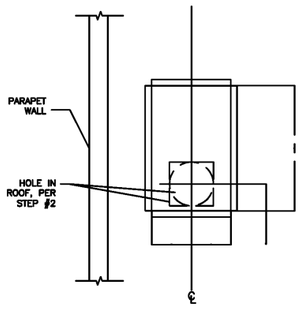


1. THE EXHAUST DUCT COLLAR IS LOCATED IN THE CENTER OF THE HOOD AND 13.82" FROM KITCHEN WALL SHEET ROCK TO THE CENTER OF THE DUCT.

2. PROJECT THE CENTERLINE DIMENSION TO THE ROOF AND CUT A (20" MAXIMUM DIAMETER OR 20"X20" SQUARE) HOLE AT THE DIMENSION.

3. THE CURB IS SET PARALLEL TO THE PARAPET WALL AS PER THE ILLUSTRATION ON THIS SHEET.

4. PER THE DIAGRAM IN DETAIL 9 ON SHEET 2. THE EXHAUST FAN DISCHARGES HORIZONTALLY AWAY FROM THE PARAPET WALL.

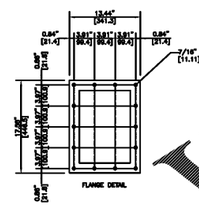
5. FACING THE PARAPET WALL WITH THE FAN CURB IN FRONT OF YOU, THE LEFT EDGE OF THE ROOF CURB SHOULD BE 10-1/4" FROM THE LEFT (2'-11 3/4" FROM THE RIGHT) OF THE CENTERLINE OF THE HOLE IN THE ROOF.

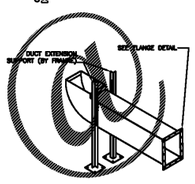
6. ATTACH THE ROOF CURB TO THE ROOF WITH THE CORRECT TYPE AND QUANTITY OF SCREWS THROUGH THE CURB FLANGE.

CAUTION!

DO NOT NOT INSTALL THE EXHAUST FAN UNTIL THE GREASE DUCT IS INSTALLED

1/3 INSTRUCTIONS FOR TYPICAL MOUNTING OF THE ROOF CURB
SCALE: NO SCALE





2/3 INSTRUCTIONS FOR TYPICAL MOUNTING OF THE ROOF CURB
SCALE: NO SCALE

INSTALLATION INSTRUCTIONS

1. ATTACH THE PROVIDED DUCT EXTENSION SUPPORT (BY FRANCHISEE) TO NOT TIGHTEN NUTS.

2. ATTACH 1 FLANGE TO END OF THE PROVIDED FIRE DUCT TO THE POWER FLANGE AND FAN DISCHARGE EXTENSION FLANGE.

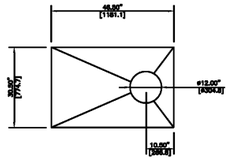
3. USING GASKET MATERIAL FOR ONE OF THE FLANGES, INSTALL THE FIRE SEAL APPLIED IN STEP TWO TO ASSIST IN SEALING.

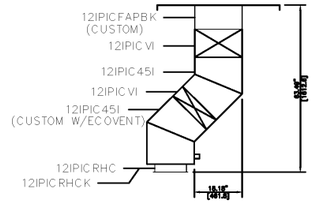
4. CLAMP AND BOLT THE TWO FLANGES TOGETHER WITH THE NUTS, WASHERS AND BOLTS PROVIDED AND TIGHTEN.

5. ADJUST SUPPORT LEGS SO THE EXTENSION SLOPES SLIGHTLY TOWARD THE FAN. TIGHTEN THE NUTS FROM STEP 1.

6. SCREW THE SUPPORT LEG FLANGES INTO THE ROOF (SCREWS NOT PROVIDED).

UL LISTING NUMBERS FOR 0" CLEARANCE TO COMBUSTIBLES:
- 1978
- 2221
- FILE# MH25506



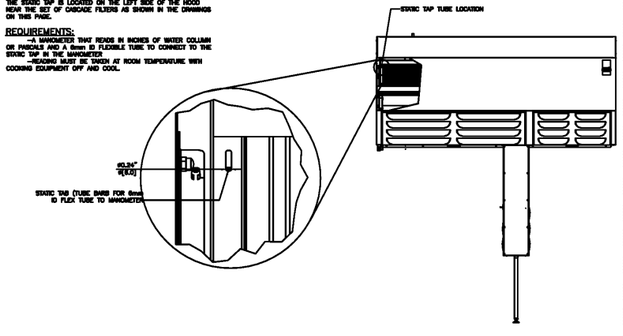


3/3 METAL-FAB DETAIL
SCALE: NO SCALE

CONFIRMING THE EXHAUST HOOD AIR VOLUME

FRANKE RECOMMENDS MEASURING THE STATIC PRESSURE IN THE PLENUM AS HE MEANS BY WHICH TO DETERMINE EXHAUST FLOW. THE STATIC TAP IS LOCATED ON THE LEFT SIDE OF THE HOOD NEAR THE SET OF CHECKLE FILTERS AS SHOWN IN THE DRAWINGS ON THIS PAGE.

REQUIREMENTS:
—A MANOMETER THAT READS IN INCHES OF WATER COLUMN OR PASCALS AND A 6mm ID FLEXIBLE TUBE TO CONNECT TO THE STATIC TAP IN THE MANOMETER
—READING MUST BE TAKEN AT ROOM TEMPERATURE WITH COOKING EQUIPMENT OFF AND COOL.



4/3 EXHAUST VOLUME CONFIRMATION
SCALE: NO SCALE

CONTROL MATRIX						
IF:	THEN:					
CONDITION	EXHAUST FAN	ELECTRIC POWER TO COOKING EQUIPMENT	MECHANICAL GAS VALVE	HVAC UNITS	MAKE-UP AIR UNITS (IF AVAILABLE)	NOTES
FAN SWITCH IS TURNED ON	ON	ON	ON	ON	ON	HVAC MUST BE ON FOR EXHAUST FAN TO OPERATE
FAN SWITCH IS TURNED OFF	OFF	OFF	ON	ON	OFF	
FIRE SUPPRESSION DISCHARGES	ON	OFF	OFF	OFF	OFF	
FAN BELT IS SLIPPING	ON	OFF	ON	ON	OFF	POWER TO COOKING EQ. OFF VIA CURRENT SENSOR
FAN BELT IS BROKEN	ON	OFF	ON	ON	OFF	POWER TO COOKING EQ. OFF VIA CURRENT SENSOR
LOSS OF POWER	OFF	OFF	ON	OFF	OFF	
HVAC IS SWITCHED OFF	OFF	OFF	ON	OFF	OFF	

5/3 CONTROL MATRIX
SCALE: NO SCALE

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PROJECT #:18026.02

ROC-60 TALL 20/20 IMAGE: NOVEMBER 2018 DESIGN RELEASE

BURGER KING RESTAURANT

STREET ADDRESS
HARPERSVILLE, AL

HOOD DETAILS

M-6