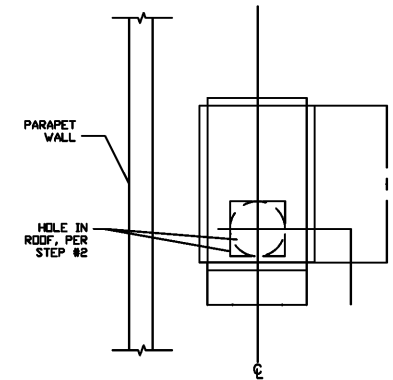


DRAWING INFORMATION		
DATE	DESCRIPTION	BY
10-28-20	PERMIT SET	JJ

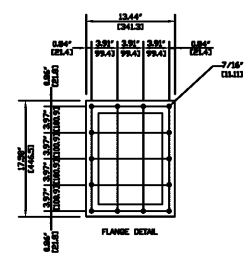
Engineering Professionals Inc.
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1 INSTRUCTIONS FOR TYPICAL MOUNTING OF THE ROOF CURB
 SCALE: NO SCALE

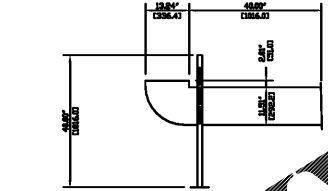
1. THE EXHAUST DUCT COLLAR IS LOCATED IN THE CENTER OF THE HOOD AND 13.82" FROM KITCHEN WALL SHEET ROCK TO THE CENTER OF THE DUCT.
2. PROJECT THE CENTERLINE DIMENSION TO THE ROOF AND CUT A (20" MAXIMUM DIAMETER OR 20"x20" SQUARE) HOLE AT THE DIMENSION.
3. THE CURB IS SET PARALLEL TO THE PARAPET WALL 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!!!



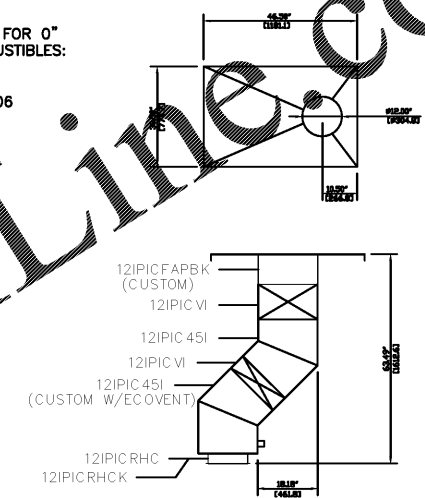
2 INSTRUCTIONS FOR TYPICAL MOUNTING OF THE ROOF CURB
 SCALE: NO SCALE

- INSTALLATION INSTRUCTIONS
1. ATTACH THE PROVIDED DUCT EXTENSION SUPPORT LEGS PROVIDED, TO NOT TIGHTEN NUTS.
 2. ATTACH 1/8" BEAD OF THE PROVIDED FIRE STOP TO THE OUTLET FLANGE AND FAN DISCHARGE EXTENSION FLANGE.
 3. PLACE GASKET MATERIAL ON ONE OF THE FLANGES USING THE FIRE STOP APPLIED IN STEP TWO TO HOLD IT IN PLACE.
 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).



3 METAL-FAB DETAIL
 SCALE: NO SCALE

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



4 EXHAUST VOLUME CONFIRMATION
 SCALE: NO SCALE

CONFIRMING THE EXHAUST HOOD AIR VOLUME
 FRANK RECOMMENDS MEASURING THE STATIC PRESSURE IN THE PLenum AS HE MENS BY WHICH TO DETERMINE EQUALITY FLOW. THE STATIC TAP IS LOCATED ON THE LEFT SIDE OF THE HOOD NEAR THE SET OF CARBIDE FILTERS AS SHOWN IN THE DRAWINGS ON THIS PAGE.
REQUIREMENTS:
 - A MANOMETER THAT READS IN INCHES OF WATER COLUMN OR INCHES AND A TUBE IS FLEXIBLE TUBE TO CONNECT TO THE STATIC TAP IN THE MANOMETER.
 - MEASURING MUST BE TAKEN AT ROOM TEMPERATURES. COOKING EQUIPMENT OFF AND COOL.

4 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 CONTROL MATRIX
 SCALE: NO SCALE

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 3765 ROOSEVELT HWY, PALMETTO, GA.
 FOR: JP DESIGN & CONSTRUCTION
 JACKSON, GA

REVISIONS

SHEET TITLE
HOOD DETAILS

DATE
 10-30-20

PROJECT NUMBER
 20-197

SHEET NUMBER
M6

HVAC SYSTEM
NCA
 CONSULTANTS / GROUP
 6510 N. 125TH AVENUE, SUITE #1001
 LARGO, FLORIDA
 PHONE: (877) 530-0078
 CALL NCA MARKETING FOR PRICING
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