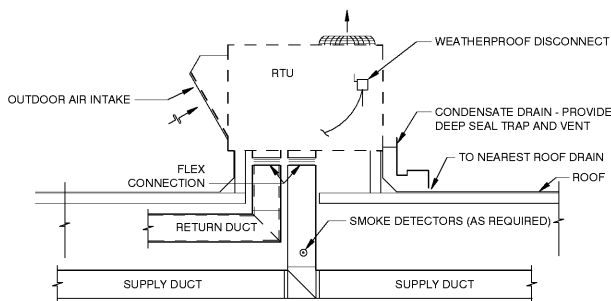
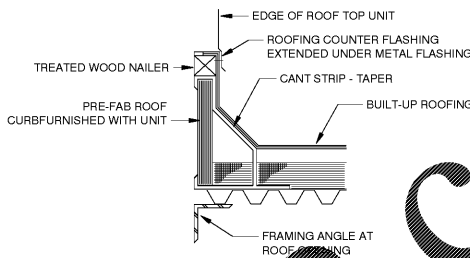




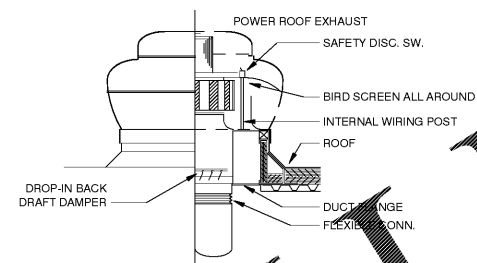
Engineering Consultant



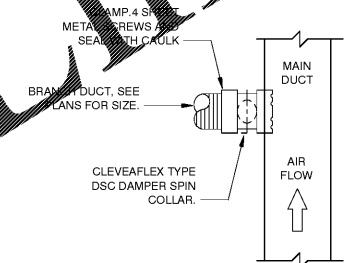
1 ROOFTOP UNIT SECTION
SCALE: NTS



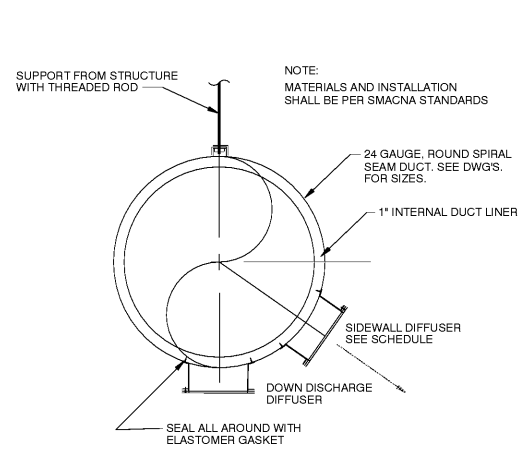
2 ROOF CURB DETAIL
SCALE: NTS



3 ROOF MOUNTED EXHAUST DETAIL
SCALE: NTS



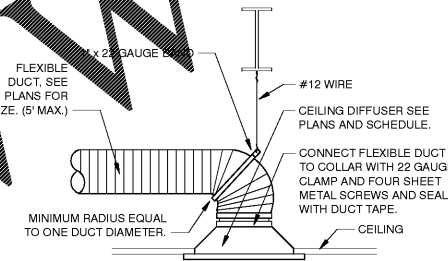
4 DUCT TAKEOFF DETAIL
SCALE: NTS



5 EXPOSED SPIRAL DUCT DETAIL
SCALE: 1/2" = 1'-0"

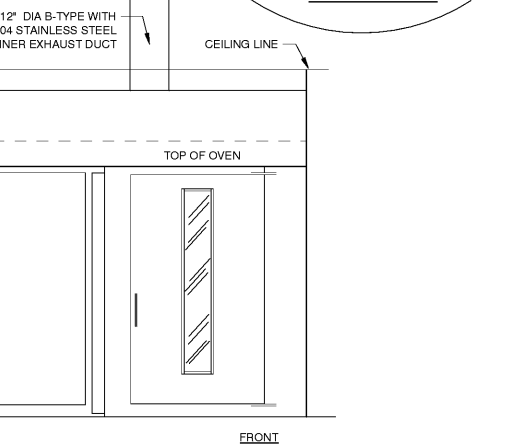
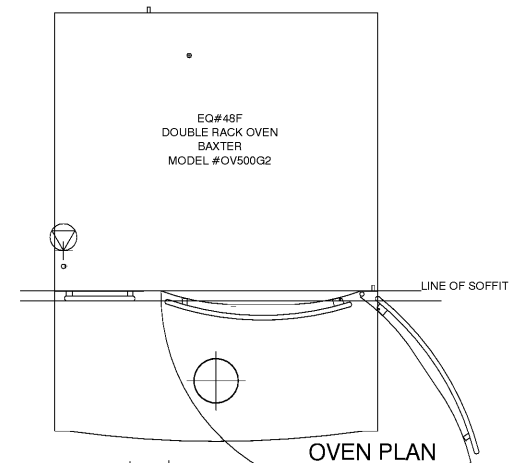
ROUND DUCT SPECIFICATIONS:
EXPOSED ROUND DUCTWORK IN DINING AREA SHALL BE 24 GAUGE, SINGLE WALL GALVANIZED STEEL, SPIRAL LOCKSEAM. FITTINGS SHALL BE SINGLE WALL GALVANIZED STEEL, STANDING SEAM OR SOLID WELDED CONSTRUCTION. ELBOWS SHALL BE STANDING SEAM, GORED ELBOWS. GRILLE COLLARS SHALL BE ATTACHED TO THE DUCTWORK WITH POP RIVETS WITH A FINISHING FILLET OF ELASTOMER SEAL AT THE JUNCTION OF THE COLLAR TO THE DUCT. DUCT-TO-DUCT JOINTS SHALL BE MADE WITH THE SPIRAL SEAM ROTATED SO THAT THE STANDING SEAM FORMS A CONTINUOUS HELICAL PATTERN ACROSS THE JOINT. ALL DUCTWORK AND FITTINGS SHALL BE MANUFACTURED IN ACCORDANCE WITH SMACNA'S HVAC DUCT CONSTRUCTION STANDARDS LATEST EDITION. ALL EXPOSED ROUND DUCTWORK AND FITTINGS IN THE DINING AREA SHALL BE CLEANED OF ALL OILS AND COATINGS PRIOR TO INSTALLATION AND PROVIDED WITH A MILL PHOSPHITIZED FINISH ("PAINT GRIP", "ZINC GRIP", OR SIMILAR TREATMENT) TO ALLOW THE DUCTWORK TO BE PAINTED.

NOTE:
MATERIALS AND INSTALLATION SHALL BE PER SMACNA STANDARDS



6 DIFFUSER INSTALLATION DETAIL
SCALE: NTS

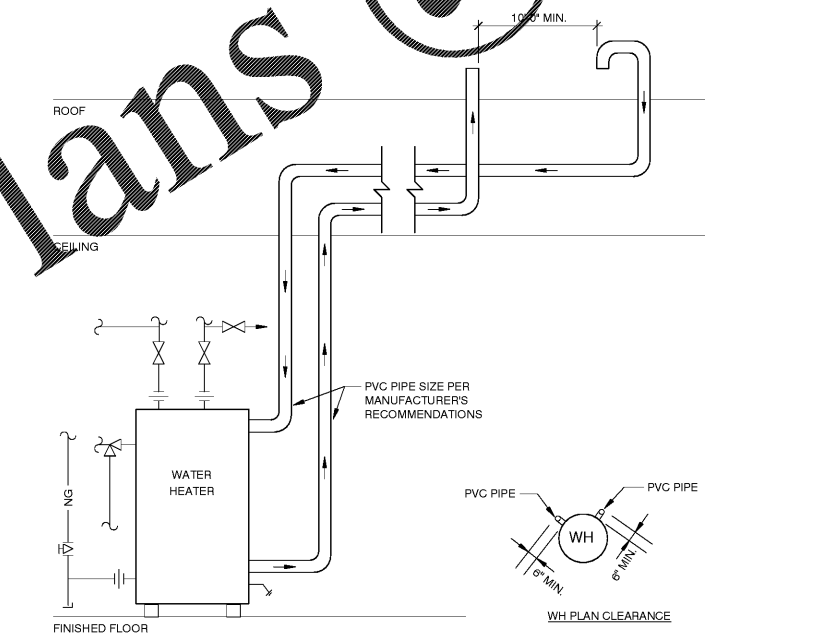
NOTES:
DUCT INSULATION SHALL HAVE A FLAME SPREAD RATING NOT GREATER THAN 25 AND A SMOKE DEVELOPED RATION OF NOT GREATER THAN 50.
FLEXIBLE DUCT AND CONNECTORS SHALL BE UL 181 LISTED.
SEE GENERAL NOTE 6 ON SHEET M201 FOR INSULATION INFORMATION.



GENERAL OVEN NOTES
- G.C. SHALL FURNISH AND INSTALL ALL SERVICES TO AND FROM OVEN.
- ALL SERVICES MUST COMPLY WITH ALL FEDERAL, STATE AND LOCAL CODES.
- CONSULT FACTORY FOR ALTERNATE INSTALLATION METHODS.
- TOP OF OVEN REQUIRES A MINIMUM OF 24" FOR SERVICE ACCESSIBILITY.

EXHAUST FAN, PURCHASED FROM "CAPTIVE-AIRE" BY OWNER AND INSTALLED BY CONTRACTOR

8 DETAIL @ OVEN
SCALE: NTS

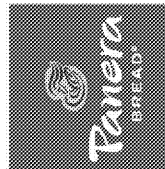


7 DIRECT VENT WATER HEATER VENTILATION DETAIL
SCALE: NTS

Order Plans @

ISSUE FOR REVIEW

Bakery Cafe #6119
6351 MANATEE AVE. W,
BRADENTON, FL 34209



NO.	DESCRIPTION	DATE

DETAILS
Project Number: 449-18 Sheet Number: M401
Drawn: MG Checked: DMG
Issue Date: 10/01/18
DPM: DM: CPM: BS: DM: ME