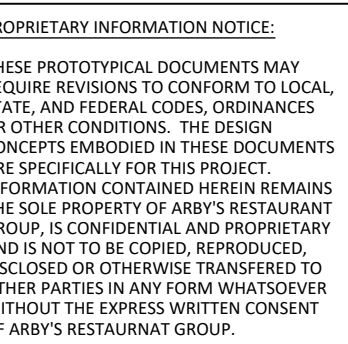


- A. MOUNT ALL DUCTWORK TIGHT TO STRUCTURE EXCEPT WHERE NOTED.
- B. DO NOT PENETRATE KITCHEN EXHAUST HOODS OR DUCTWORK WITH ANY TYPE OF FASTENING ASSEMBLY [I.E. SCREWS, RIVETS].
- C. REFER TO SCHEDULES ON SHEET MS.1 FOR FURTHER INFORMATION ON MECHANICAL EQUIPMENT AND AIR DEVICES.
- D. ALL PROVIDED DUCT DIMENSIONS ARE METAL-TO-METAL LENGTHS. CONTRACTOR TO PROVIDE INSULATION WRAP ON DUCT EXTERIOR FOR ALL CONCEALED DUCT.
- E. **THE AIR BALANCE WILL BE PERFORMED BY THE OWNER. COORDINATE EXACT TIME WITH THE CONSTRUCTION MANAGER.**
- F. **CONTRACTOR TO ROUTE ALL INDIVIDUAL ROUND DUCT BRANCHES THROUGH JOISTS. TYP.**

1. UP TO EF ON ROOF. SEE SHEET M3.1. FOR CONTINUATION.
2. INSTALL LED TOUCHSCREEN (WITH CONTROLS LOCKED BY CODE) 24/7 PROGRAMMABLE THERMOSTAT MOUNTED AT 48" AFF. COORDINATE EXACT LOCATION WITH OWNER.
3. UP TO RTU ON ROOF. SEE SHEET M3.1 FOR CONTINUATION.
4. PROVIDE REMOTE TEMPERATURE SENSOR MOUNTED MOUNTED AT 72" A.F.F. FOR RTU-1 & RTU-2. WIRE BACK TO THERMOSTAT IN OFFICE.
5. PROVIDE 30" x 30" RETURN GRILLE ON SOFFIT AS HIGH AS POSSIBLE.
6. PROVIDE AUDIBLE/VISUAL REMOTE SMOKE DETECTOR ANNUNCIATOR WITH REMOTE KEY OPERATED RESET FOR RTU-1 SMOKE DETECTOR MOUNTED AT 48" AFF.
7. PROVIDE AUDIBLE/VISUAL REMOTE SMOKE DETECTOR ANNUNCIATOR WITH REMOTE KEY OPERATED RESET FOR RTU-2 SMOKE DETECTOR MOUNTED AT 48" AFF.
8. PROVIDE TYPE I KITCHEN EXHAUST DUCTWORK FROM KITCHEN EXHAUST HOOD TO EF-1 ON ROOF. DUCTWORK TO BE A MINIMUM 16 GAGE CARBON STEEL WITH CONTINUOUSLY WELDED LIQUID TIGHT SEAMS. PROVIDE GREASE RESERVOIR AS REQUIRED BY IMC 506.3.7 AND DUCT CLEANOUTS AS REQUIRED BY IMC 506.3.8. DUCTWORK SHALL BE INSULATED WITH 2-HOUR FLEXIBLE BLANKET TYPE FIRE WRAP WITH A FLAME SPREAD INDEX AT NOT MORE THAN 5 AND A SMOKE DEVELOPED INDEX NOT EXCEEDING 5. WHEN TESTED PER ASTM E-84 METHOD, WRAP SHALL COMPLY WITH ALL 5 FIRE TESTS OF STANDARD ASTM E-2236, GREASE DUCT ENCLOSURE SYSTEM, AND DUCT FIRESTOP SYSTEM BE ASTM E-814 CLASSIFIED. FABRICATED DUCT WRAP ENCLOSURE WITH 2 LAYERS OF WRAP TO PROVIDE 2-HOUR FIRE RATING. ALL DUCT ELBOWS ARE TO BE RADIUS ELBOWS. COORDINATE WRAPING WITH P.C. AND TERN DRAINAGE.
9. PROVIDE CLEAR PLASTIC INSERT TO BLANK OFF DIFFUSER THROW AT THE EXHAUST HOOD AS SHOWN.
10. INSTALL HOOD AT LOCATION SHOWN. PROVIDE ALL REQUIRED SUPPORTS AND ACCESSORIES FOR A COMPLETE INSTALLATION.



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EET:

## M1.1