N FOR CEILING MOUNTED EQUIPMENT LOCATION.

ROOM SUPPLY REGISTERS BLACK. TYPICAL.
L BE LIMITED TO 10" DIAMETER (OR A GROUP OF
DIAMETER). IF LARGER PENETRATIONS OR GROUPS OF
WITH STRUCTURAL ENGINEER FOR APPROPRIATE
SHEAR WALL LOCATION.
ETURN CONNECTION IN ROOF CURB. RTU-1 SHALL
NTED IN THE RETURN AIR STREAM. INTERLOCK SMOKE

ETURN CONNECTION IN ROOF CURB. RTU-2 SHALL
NTED IN THE RETURN AIR STREAM. INTERLOCK SMOKE

OUGH ROOF. TRANSITION TO RTU-1 SUPPLY

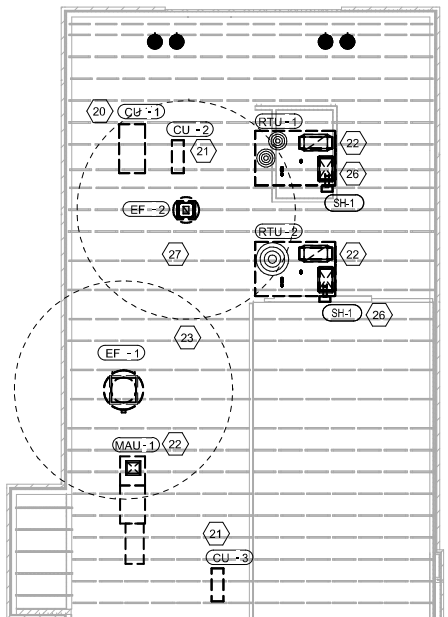
RTU-2 SUPPLY CONNECTION. TRANSITION IN ROOF

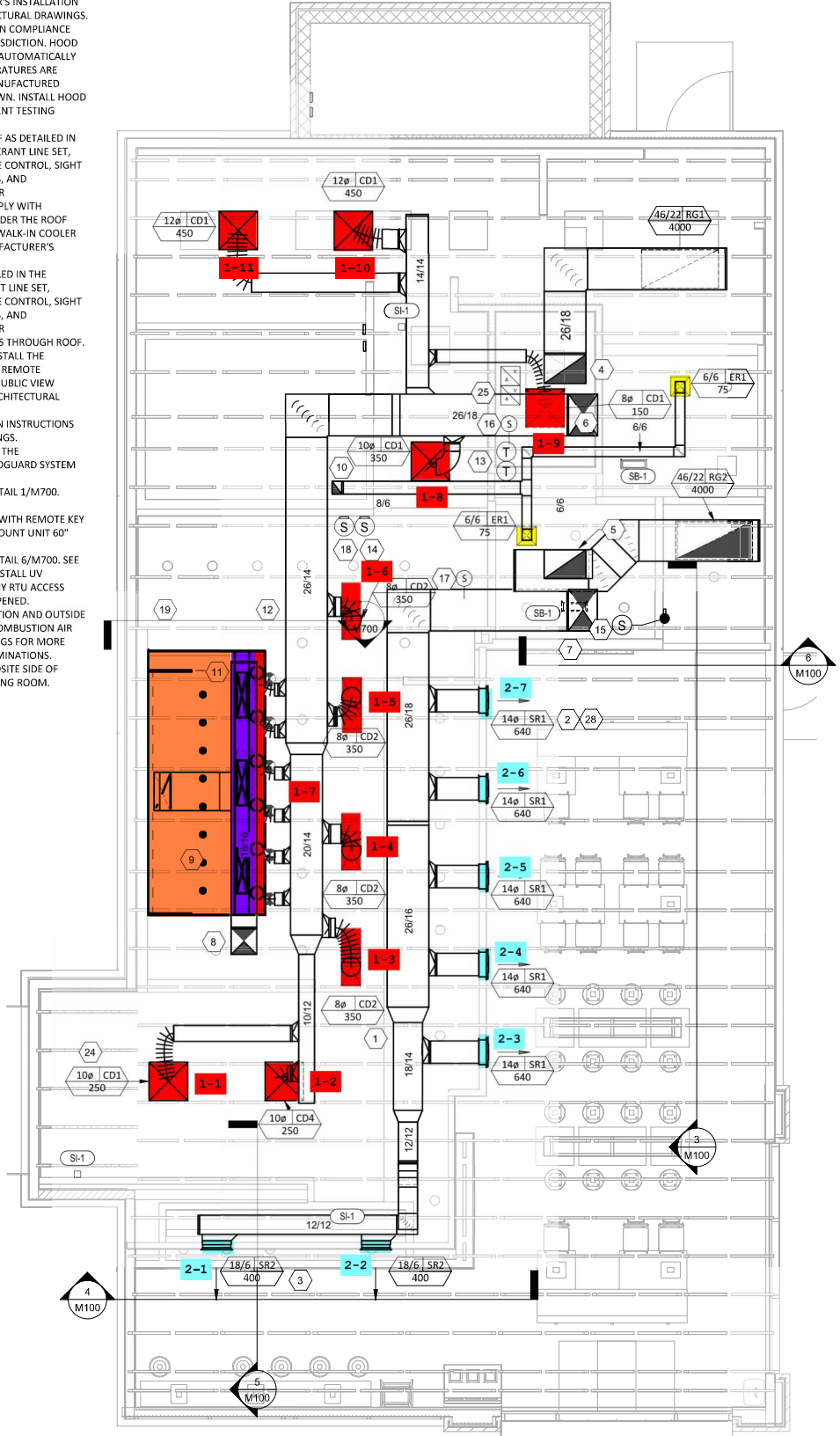
N TO MAU-1 SUPPLY CONNECTION IN ROOF CURB.
T THROUGH ROOF TO EF-1 COMPLIANT WITH NFPA 96.
: RADIUS OF 0.5W AT ELBOWS IN GREASE DUCT.

T CONNECTION. TRANSITION TO SUPPLY PLENUM

CTION. TRANSITION TO SUPPLY PLENUM OPENING
ONS.
ED BY TEMS FOR RTU-1 (TS200) AND RTU-2 (TS200) AT
TH ELECTRICAL SWITCHING IN THIS AREA. PROVIDE
STAT TO THE CORRESPONDING ROOFTOP UNIT.
) J-BOX #2 ABOVE ELECTRICAL PANELS (LEAVE 16" OF
' BEHIND WALL OF THERMOSTAT FOR FINAL
MS) AND LABEL BOTH ENDS OF CABLE "TSTATS". SEE
R TERMINATION INSTRUCTIONS.
URNISHED BY TEMS FOR RTU-1 AT THIS LOCATION 84"
COORDINATE LOCATION WITH EQUIPMENT. PROVIDE
I TO RTU-1 THERMOSTAT T1 TERMINALS. SEE
R TERMINATION INSTRUCTIONS.
URNISHED BY TEMS FOR RTU-2 AT THIS LOCATION 60"
COORDINATE LOCATION WITH EQUIPMENT. PROVIDE
I TO RTU-2 THERMOSTAT T1 TERMINALS. SEE
R TERMINATION INSTRUCTIONS.
ED BY TEMS FOR RTU-1 IN THE SUPPLY DUCTWORK
CTION. PROVIDE 18G-24G SHIELDED TWISTED PAIR
T T2 TERMINALS. SEE GRIDPOINT INSTALLATION
IONS.
ED BY TEMS FOR RTU-2 IN THE SUPPLY DUCTWORK
CTION. PROVIDE 18G-24G SHIELDED TWISTED PAIR
T T2 TERMINALS. SEE GRIDPOINT INSTALLATION
IONS.
R HOOD HD-1 AT THIS LOCATION 84" AFF. COORDINATE
18 G. THERMISTOR CABLE FROM TEMPERATURE

19. INSTALL KITCHEN HOOD, HD-1. SUPPORT HOOD PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL HOOD ACCORDING TO THE REQUIREMENTS OF ITS LISTING, IN COMPLIANCE WITH NFPA 96, THE BUILDING CODE, AND AUTHORITIES HAVING JURISDICTION. HOOD SHALL HAVE AN INTEGRAL DUCT COLLAR TEMPERATURE SENSOR TO AUTOMATICALLY ENERGIZE THE EXHAUST AND MAKEUP AIR FANS IF COOKING TEMPERATURES ARE DETECTED. EXHAUST DUCT SYSTEM TO BE WELDED OR FACTORY-MANUFACTURED WATER AND AIR TIGHT. INSTALL CLEANOUTS PER CODE AND AS SHOWN. INSTALL HOOD PER DETAILS 2 AND 4/M700. CHIPOTLE WILL PROVIDE AN INDEPENDENT TESTING AGENCY FOR TESTING THE INTEGRITY OF THE GREASE DUCT SYSTEM.
20. INSTALL REMOTE CONDENSING UNIT FOR WALK-IN COOLER ON ROOF AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL REFRIGERANT LINE SET, THERMOSTATIC EXPANSION VALVE, SOLENOID VALVE, TEMPERATURE CONTROL, SIGHT GLASS, FILTER DRIER, PRESSURE CONTROL, LOW AMBIENT CONTROLS, AND WEATHERPROOF HOUSING. TRAP AND SLOPE REFRIGERANT LINES PER MANUFACTURER'S RECOMMENDATIONS. INSTALLATION SHALL COMPLY WITH ASHRAE/ANSI STANDARD 15. INSTALL THE REFRIGERANT LINE SET UNDER THE ROOF DECK TO WITHIN 3' OF THE CONDENSING UNIT. CUT 2-1/2" HOLE IN WALK-IN COOLER ROOF FOR REFRIGERANT LINE SET AND SEAL PER THE COOLER MANUFACTURER'S INSTALLATION INSTRUCTIONS AFTER LINE SET IS INSTALLED.
21. INSTALL REMOTE CONDENSER FOR ICE MACHINE ON ROOF AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL REFRIGERANT LINE SET, THERMOSTATIC EXPANSION VALVE, SOLENOID VALVE, TEMPERATURE CONTROL, SIGHT GLASS, FILTER DRIER, PRESSURE CONTROL, LOW AMBIENT CONTROLS, AND WEATHERPROOF HOUSING. TRAP AND SLOPE REFRIGERANT LINES PER MANUFACTURER'S RECOMMENDATIONS. SEAL PIPING PENETRATIONS THROUGH ROOF. INSTALLATION SHALL COMPLY WITH ASHRAE/ANSI STANDARD 15. INSTALL THE REFRIGERANT LINE SET UNDER THE ROOF DECK TO WITHIN 3' OF THE REMOTE CONDENSER. IF REFRIGERANT PIPING TO ICE MAKER IS EXPOSED TO PUBLIC VIEW CONCEAL WITHIN A STAINLESS STEEL SHROUD AS SHOWN IN THE ARCHITECTURAL DRAWINGS.
22. INSTALL ROOFTOP EQUIPMENT PER MANUFACTURER'S INSTALLATION INSTRUCTIONS AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS.
23. INSTALL EXHAUST FAN EF-1 PER DETAIL 5/M700 AND AS DETAILED IN THE ARCHITECTURAL AND STRUCTURAL DRAWINGS. INSTALL GREASE VIROGUARD SYSTEM FURNISHED BY CHIPOTLE ON EXHAUST FAN, EF-1.
24. PROVIDE SUPPLY DIFFUSER CONNECTION TO SUPPLY SYSTEM PER DETAIL 1/M700. TYPICAL.
25. PROVIDE AUDIO/VISUAL REMOTE SMOKE DETECTOR ANNUNCIATOR WITH REMOTE KEY OPERATED RESET. WIRE A UNIT BACK TO EACH SMOKE DETECTOR. MOUNT UNIT 60" AFF. TYPICAL.
26. INSTALL REME HALO AIR PURIFIER FURNISHED BY TUV IN RTU PER DETAIL 6/M700. SEE ELECTRICAL DRAWINGS FOR POWER CONNECTION INFORMATION. INSTALL UV WARNING STICKERS ON FACE OF ENCLOSURE PER DETAIL AND ON ANY RTU ACCESS DOOR(S) THROUGH WHICH THE REME HALO WOULD BE VISIBLE IF OPENED.
27. MAINTAIN 10' CLEARANCE BETWEEN WATER HEATER FLUE TERMINATION AND OUTSIDE AIR INTAKES. MAINTAIN 10' CLEARANCE BETWEEN WATER HEATER COMBUSTION AIR INTAKE AND EXHAUST FAN EF-1 DISCHARGE. SEE PLUMBING DRAWINGS FOR MORE INFORMATION ON WATER HEATER FLUE AND COMBUSTION AIR TERMINATIONS.
28. ADJUST SUPPLY REGISTERS SO THAT SUPPLY AIR HITS WALL ON OPPOSITE SIDE OF ROOM AT APPROXIMATELY 7' AFF WITH NO DRAFTS FELT IN THE DINING ROOM.





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LICENSED
PROFESSIONAL ENGINEER

PERMIT SET - 09/25/24

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