



MECHANICAL PLAN
1/4" = 1'-0"

KEYED NOTES

- (M5) RELOCATED EXISTING DIFFUSERS TO LOCATIONS SHOWN.
- (M7) 4" Ø DUCT FROM EXHAUST FAN (E-5) UP THROUGH ROOF.
- (M8) PROVIDE EXTERNALLY INSULATED SHEET METAL DUCT AT ALL DRAFTSTOP WALL PENETRATIONS (TYP.).

AIR DEVICE SCHEDULE

TAG	SYMBOL/USE	MFR/MODEL/SIZE/ACCESS.	BORDER TYPE
A	SUPPLY AIR	TITUS MC PAR 24x24	LAY-IN
B	RETURN AIR	TITUS MC 23R 22x22	LAY-IN
C	SUPPLY AIR	TITUS MC TDC - 4-MAY 24x24	LAY-IN
D	SUPPLY AIR	TITUS MC TDC - 3-MAY 24x24	LAY-IN
E	SUPPLY AIR	TITUS MC TDC - 2-MAY CORNER 24x24	LAY-IN
G	SUPPLY AIR	TITUS MC 212R 6x6 OPPOSED BLADE DAMPER	SURFACE MOUNT
H	EXHAUST AIR	TITUS MC 23R 6x6 OPPOSED BLADE DAMPER	SURFACE MOUNT
HI	RETURN AIR	TITUS MC 23R 6x6 OPPOSED BLADE DAMPER	SURFACE MOUNT
I	SUPPLY AIR	TITUS MC TMS 24x24	LAY-IN
II	SUPPLY AIR	TITUS MC TMS 12x12 OPPOSED BLADE DAMPER	LAY-IN

MECHANICAL LEGEND

SYMBOL	DESCRIPTION
Ⓢ	THERMOSTAT COORDINATE LOCATION WITH CONSTRUCTION MANAGER MOUNTING HEIGHT: 4'-0" A.F.F.
D-1	EQUIPMENT TAG SEE EQUIPMENT SCHEDULES
A-200	DIFFUSER TYPE CFM QUANTITY SEE DIFFUSER SCHEDULE
DUCT DROP WITH SPIN-IN COLLAR AND VOLUME DAMPER	
D-1	TEMPERATURE SENSOR/HUMIDITY SENSOR WITH EQUIPMENT SERVICE INDICATED LOCATIONS AS SHOWN ON DRAWINGS MOUNTING HEIGHT: 5'-0" A.F.F.
Ⓢ	DUCT-MOUNTED SMOKE DETECTOR LOCATIONS AS SHOWN ON DRAWINGS
Ⓢ	BLACK IRON EXHAUST DUCT BY KITCHEN EQUIPMENT SUPPLIER (K.E.S.) WITH FIRE-RATED GREASE DUCT WRAP (THICKNESS DETERMINED BY LOCAL CODE)
MOUNTING SYMBOL	SHEET METAL TEE FOR FLEXIBLE DUCTWORK WITH MIN. 2" THICK EXTERNAL INSULATION (MIN. R-6) (TYP.)
MOUNTING SYMBOL	SHEET METAL DUCTWORK WITH MIN. 2" THICK EXTERNAL INSULATION (MIN. R-6) AND SPIN-IN DUCT COLLAR WITH INTEGRAL VOLUME DAMPER
VD	DUCT-MOUNTED VOLUME DAMPER
10"	INSULATED FLEXIBLE DUCTWORK (MIN. R-6) WITH SIZE INDICATED

SHEET NO. M-CBI	TITLE CBI DESIGN CRITERIA PACKAGE 2006-4578 STANDARD BUILDING DESCRIPTION 8" CHU BEARING WALLS	DRAWN BY CRN	DATE MAR 2007	REVISOR RDS TEAH	DATE MAR 2007
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REV	DATE	DESCRIPTION			