



**MECHANICAL HVAC PLAN - 1st FLOOR**  
SCALE: 1/8" = 1'-0"

- MECHANICAL NOTES:**
- M1. AFTER NEW CEILING GRIDS ARE INSTALLED, FURNISH AND INSTALL NEW SUPPLY AIR DIFFUSERS TO MATCH THE CFM OUTPUT OF THE SUPPLY AIR DIFFUSERS THAT WERE REMOVED AND PLACE THESE IN THE VICINITY OF THE ONES THAT WERE REMOVED. FURNISH AND INSTALL NEW DUCT FROM THE MAIN DUCT TO EACH NEW DIFFUSER, REUSE EXISTING IF POSSIBLE.
  - M2. AFTER NEW CEILING GRID IS INSTALLED, FURNISH AND INSTALL NEW RETURN AIR GRILLES THAT MATCH THOSE USED WHERE THE CEILING HAS ALREADY BEEN REPLACED.

AIR DEVICE SCHEDULE				
SYMBOL	HART & COOLEY MODEL No.	NECK SIZE	C.F.M.	REMARKS
A	44A SURFAIRE	6"	100	2
B	RES	24"x24"	-	1

- NOTES:**
1. ALUMINUM EGG CRATE RETURN, LAY-IN INSTALLATION.
  2. 4-WAY FIXED PATTERN CEILING SUPPLY DIFFUSER, ALUMINUM FACE WITH INSULATED BACK AND ROUND DUCT COLLAR CONNECTION.

MECHANICAL LEGEND	
SYMBOL	DESCRIPTION
	SUPPLY DIFFUSER
	RETURN AIR GRILLE
	BALANCE DAMPER

**MECHANICAL GENERAL NOTES**

1. ALL SCHEDULES SHOWN ARE THE PURPOSE OF AIDING THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL CORRECT TOTALS.
2. CO-ORDINATE HVAC INSTALLATION WITH ALL OTHER TRADES.
3. REFER TO ELECTRICAL DRAWINGS FOR POWER CONNECTION POINTS.
4. FOR EXACT DIFFUSER/GRILLE LOCATIONS, COORDINATE WITH ELECTRICAL AND ARCHITECTURAL REFLECTED CEILING PLANS AND LIGHTING PLANS.
5. ALL INSULATION AND FLEX DUCT SHALL COMPLY WITH CHAPTER 6 OF THE INTERNATIONAL MECHANICAL CODE, 2009 EDITION.
6. ALL EQUIPMENT SHALL BE ACCESSIBLE PER INTERNATIONAL MECHANICAL CODE, CHAPTER 3 2009 EDITION.
7. ALL DUCTWORK ARRANGEMENT AND ROUTING AS SHOWN IS DIAGRAMMATIC AND MAY REQUIRE ALTERATIONS DIFFERENT FROM THAT SHOWN IN ORDER TO ACCOMMODATE STRUCTURE/ARCHITECTURAL FEATURES. CONTRACTOR SHALL FIELD VERIFY AND MAKE ALTERATIONS OR REVISIONS AS REQUIRED.

REVISION	DATE	BY	SP
A	1/29/13	JP	
U	2/8/13	JP	

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