



1 FIRST FLOOR - HVAC PLAN  
SCALE: 1/8" = 1'-0"

### FANS

DESIG.	LOCATION	TYPE	CFM	SP IN W.G.	DRIVE	ELEC. DATA		STARTER BY	EQUAL TO MANUFACTURER AND MODEL NO.	WEIGHT LB.	REMARKS	
						HP	T RPM	VOLT/PH				
EF-1	COPY ROOM	IN-LINE	575	0.5	DIR.	1/6	1500	120/1	DV15	COOK 100SQN12D	100	SEE ALL NOTES BELOW

- NOTES:
1. PROVIDE WITH FUSED DISCONNECT SWITCH.
  2. PROVIDE WITH BACKDRAFT DAMPER.
  3. CONTROL FAN THROUGH EMS IN ORDER TO KEEP ROOM PRESSURE NEGATIVE TO ADJACENT SPACES.

### VARIABLE AIR VOLUME BOXES

DESIG.	COOLING CFM	INLET SIZE	EQUAL TO MANUFACTURER AND MODEL NO.
VAV1-1	880	10"	ENVIROTEC
VAV1-2	900	10"	ENVIROTEC
VAV1-3	400	8"	ENVIROTEC
VAV1-4	330	8"	ENVIROTEC
VAV1-5	400	8"	ENVIROTEC
VAV1-6	700	8"	ENVIROTEC

- NOTES:
1. BOXES SHALL BE COMPLETE WITH HONEYWELL DDG CONTROLS AND CONNECTED TO BUILDING AUTOMATION SYSTEM.
  2. BOXES SHALL BE PRESSURE INDEPENDENT.

### NOTES BY SYMBOL (X):

1. PROVIDE ACOUSTICALLY LINED RETURN AIR ELBOW THRU WALL TO DECK AS HIGH AS POSSIBLE ABOVE CEILING. SIZE PER PLANS.
2. EXISTING LOCATION OF TERMINAL BOX TO BE RELOCATED/REMOVED. REMOVE EXISTING MEDIUM AND LOW PRESSURE DUCTWORK AS INDICATED ON DRAWINGS.
3. NEW LOCATION OF TERMINAL BOX. MOUNT BOX FROM STURCTURE ABOVE. EXTEND NEW MEDIUM AND LOW PRESSURE DUCT AS INDICATED ON DRAWINGS. COORDINATE RELOCATION WITH OTHER TRADES INVOLVED.
4. PROVIDE INSULATION PAD TO BE INSTALLED BETWEEN THERMOSTAT AND WALL FOR THERMOSTATS MOUNTED ON COLUMN WALLS.
5. ALL NEW EXPOSED DUCTWORK SHALL BE MOUNTED AT A HEIGHT REQUIRED TO MAINTAIN GRILLES 13' AFF.
6. RELOCATED EXISTING FIRE SPRINKLER PIPE UP AS TIGHT TO STRUCTURE AS POSSIBLE.
7. DEMO LOW PRESSURE DUCT. FAN POWER BOX TO REMAIN FOR FUTURE TENANT.
8. ASSUMING EXISTING HOLE IS 48" X 24" INCREASE OPENING TO 60" X 24" AND PROVIDE LOUVER AND ACOUSTICALLY LINED DUCT.
9. COORDINATE WITH ARCHTECH THE AVAILABLE SPACE ABOVE THE DOOR FOR A LOUVER DESIGNATED "K". PROVIDE NEW DUCTWORK TO TURNDOWN AND CONNECT TO RETURN AIR LOUVER.
10. COORDINATE WITH BUILDING AND GENERAL CONTRACTOR FOR THE LOCATION OF THE EXHAUST LOUVER AND TO CUT AND WATERPROOF EXTERIOR WALL IN COMPLIANCE WITH ORIGINAL DETAILS AND WARRANTIES. PROVIDE A LOUVER WITH A MINIMUM FREE AREA OF 3 SQFT.
11. COORDINATE WITH ARCHITECT THE FINAL LOCATION OF RETURN AIR SIDE GRILLE.
12. PRICE CO SENSORS AS ADD ALTERNATE #16.
13. DUCT SIZE 10"x10".
14. DUCT SIZE 12"x12".
15. DUCT SIZE 14"x14".
16. PROVIDE RETURN AIR PATH WITH TRANSFER USING "J" TYPE GRILLES.
17. PROVIDE TRANSFER THRU WALL AS HIGH AS POSSIBLE ABOVE THE CEILING. SIZE PER PLANS.

REFER TO SHEET M2.00 FOR GENERAL NOTES, SCHEDULES AND SYMBOLS.



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DRAWN BY: LB / P  
 REVISION: A  
 COORDINATIONS:  
 PRE-FINAL DFC  
 PRELIMINARY DFC  
 CONCEPTUAL DFC  
 EXISTING CONDITIONS: 11/3/2007

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ISSUED DATE: 04-03-08  
 SCALE: AS NOTED  
 PROJ. NO.: 07150801  
 SHEET NO.:

**M1.01**