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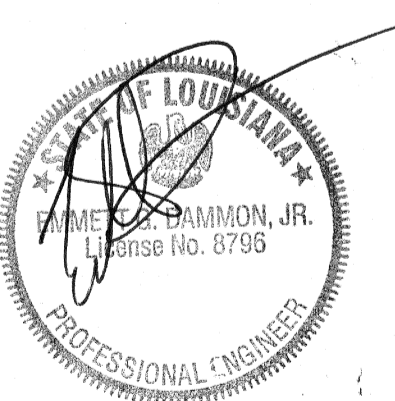
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ARCHITECTURE
ENGINEERING
STUDIES
PLANNING
INVESTIGATION
EXPERT WITNESS

BROCK BEAUTY INC.

K.B. KAUFMANN
OAK HARBOR BLVD.
LOT 3
SLIDELL, LA
70458

MECHANICAL PLAN



REV:

SCALE: AS NOTED

JOB#: 2125

DATE: 10-17-11

SHEET 14

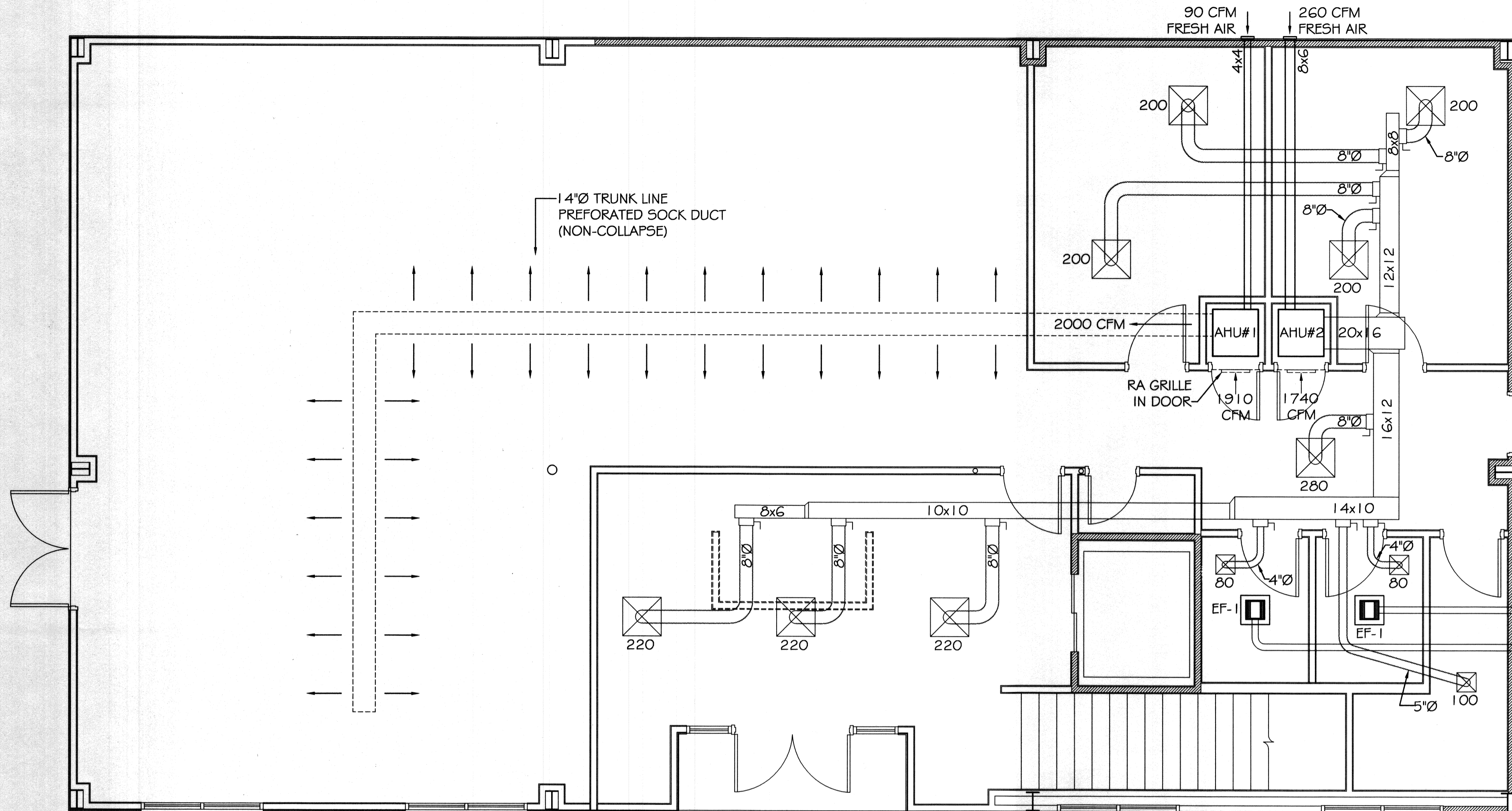
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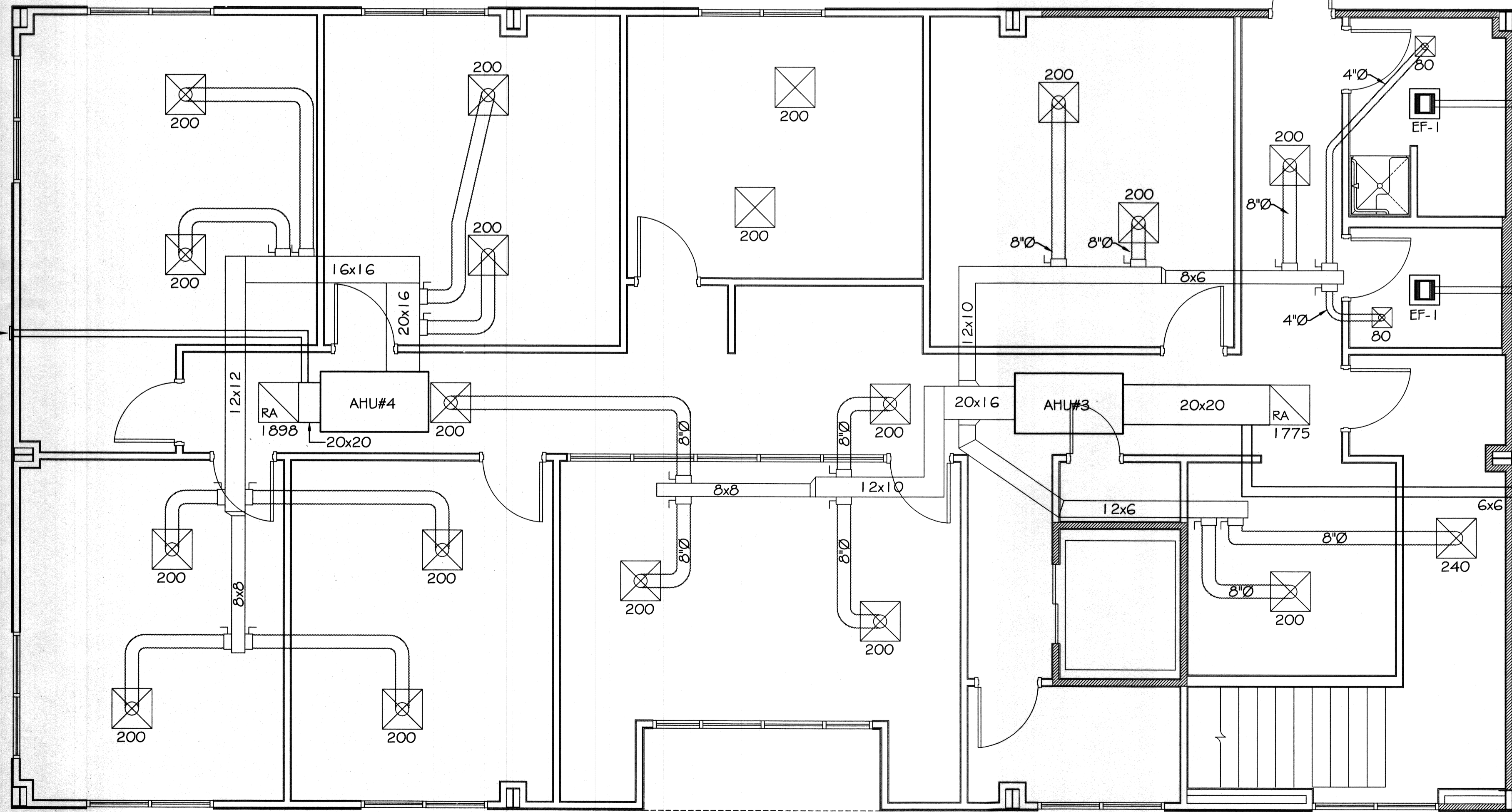
FRESH AIR REQUIREMENTS					
PER IMC 2009 TABLE 403.3					
ROOM NAME	SF	OCC/1000 SF	CFM/OCC	CFM/SF	TOTAL OA
AHU #1					90
WAREHOUSE	1440	-	-	0.06	90
AHU #2					260
OFFICES	400	5	5	0.06	34
CORRIDORS	175	-	-	0.06	11
RECEPTION	341	30	5	0.06	72
TOILETS	2 FIXTURES @ 70 CFM EA.				140
AHU #3					225
OFFICES	652	5	5	0.06	56
CORRIDORS	455	-	-	0.06	28
TOILETS	2 FIXTURES @ 70 CFM EA.				140
AHU #4					102
OFFICES	1200	5	5	0.06	102

A/C UNIT SCHEDULE TOTAL HVAC TONS = 20								
NO.	TOTAL BTU	CFM	O.A.	HEAT ELEC.	ELECTRICAL			COMMENTS
					VOLTAGE	MCA	CKT BRKR	
1	60,000 5 TON	2,000	90	10 KW	208V, 3Ø	-	PNL1	
2	60,000 5 TON	2,000	90	10 KW	208V, 3Ø	-	PNL1	
3	60,000 5 TON	2,000	90	10 KW	208V, 3Ø	-	PNL1	
4	60,000 5 TON	2,000	90	10 KW	208V, 3Ø	-	PNL1	

EXHAUST FAN SCHEDULE				
FAN No.	CFM	VOLTAGE	TYPE	MANF.
EF-1	100	120	VENT/LIGHT	



1ST FLOOR MECH. PLAN
SCALE: 1/4" = 1'-0"



2ND FLOOR MECH. PLAN
SCALE: 1/4" = 1'-0"

- CONDENSER #1
5 TON
- CONDENSER #2
5 TON
- CONDENSER #3
5 TON
- CONDENSER #4
5 TON

- LEGEND**
- INDICATES NEW CEILING DIFFUSER - CFM AS NOTED - 24x24 UNLESS OTHERWISE NOTED. SIZE INDICATES NECK SIZE
 - INDICATES NEW RETURN AIR CEILING GRILLE OF SIZE INDICATED. TRANSFER DUCT TO BE RECTANGULAR AS INDICATED.
 - VENT / LIGHT COMBINATION
 - THERMOSTAT
 - INDICATES NEW SHEET METAL DUCTWORK FOR SUPPLY AIR, SIZES INDICATED ARE SHEET METAL DIMENSIONS
 - INDICATES NEW SHEET METAL DUCTWORK FOR RETURN AIR, SIZES INDICATED ARE SHEET METAL DIMENSIONS
 - ROUND FLEX DUCT, MAX. LENGTH 12'-0", MIN. R-6 PROVIDE MAN. DAMPER AT DIFFUSER CONNECTIONS, SIZE AS INDICATED
 - AC UNIT