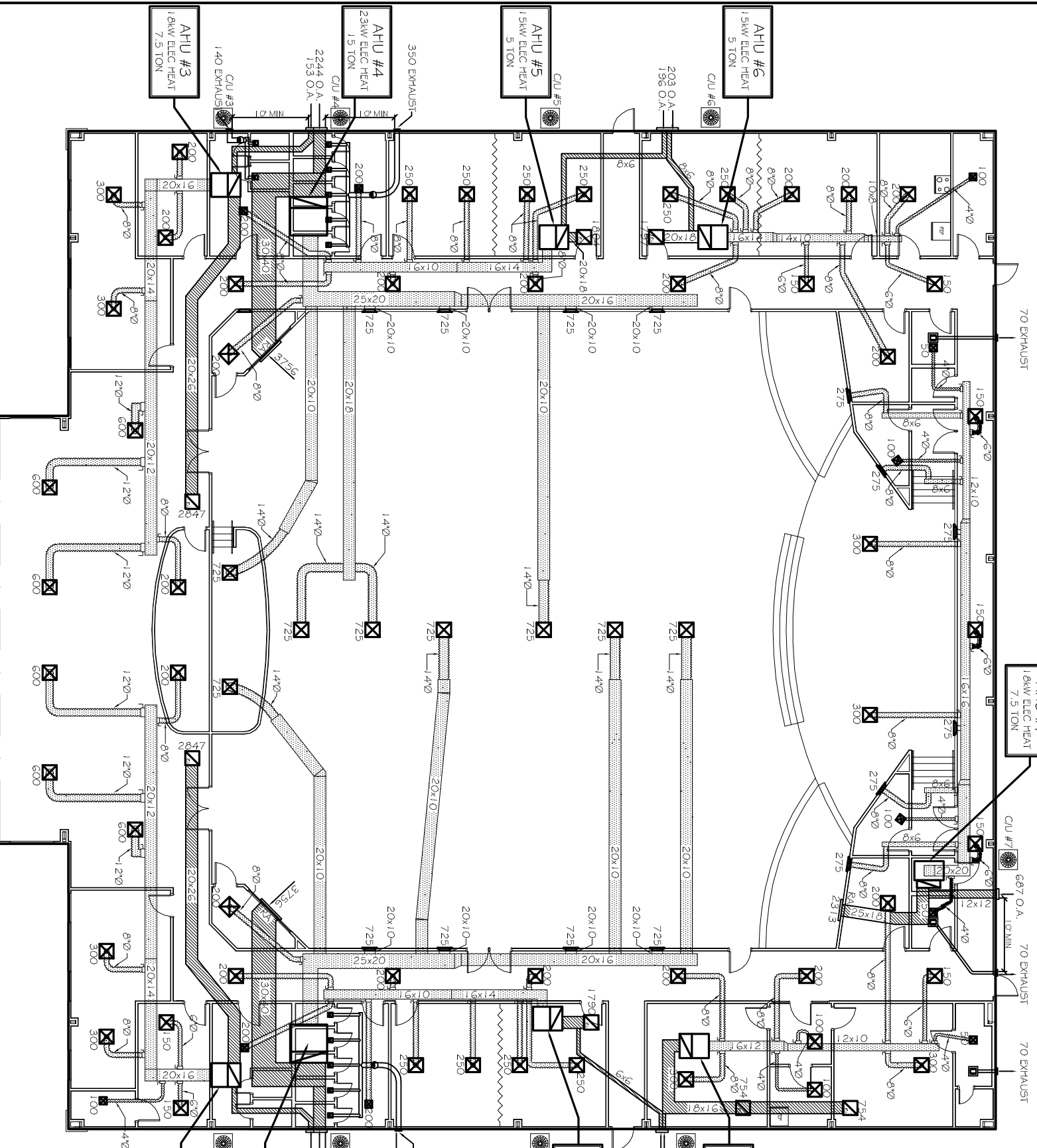


AC UNIT SCHEDULE				TOTAL HVAC TONS = 71.5		
NO.	TOTAL BTU	CFM	O.A.	HEAT ELEC.	VOLTAGE	COMMENTS
1	180,000	6,000	1,170	23 KW	208V, 3Ø	
2	90,000	3,000	153	1.8 KW	208V, 3Ø	PNL 1
3	90,000	3,000	153	1.8 KW	208V, 3Ø	
4	180,000	6,000	1,170	23 KW	208V, 3Ø	
5	60,000	2,000	196	15 KW	208V, 3Ø	
6	60,000	2,000	203	15 KW	208V, 3Ø	
7	90,000	3,000	687	1.8 KW	208V, 3Ø	
8	48,000	1,600	91	1.0 KW	208V, 3Ø	
9	60,000	2,000	210	1.5 KW	208V, 3Ø	

**FRESH AIR REQUIREMENTS**

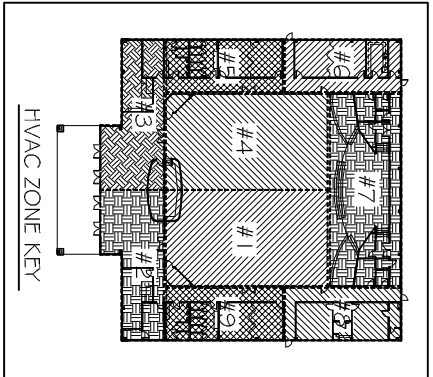
PER IMC 2009 TABLE 403.3

ROOM NAME	SF	OCC/1000 SF	CFM/1000 SF	CFM	TOTAL O.A.
AHU #1					1,170
SANCTUARY	1,772	120	5	0.06	1,170
AHU #2					153
OFFICES	500	5	5	0.06	43
MAIN ENTRY	1,000	10	5	0.06	110
AHU #3					153
OFFICES	500	5	5	0.06	43
MAIN ENTRY	1,000	10	5	0.06	110
AHU #4					1,170
SANCTUARY	1,772	120	5	0.06	1,170
AHU #5					196
CONFERENCE RM	510	50	5	0.06	160
CORRIDOR	600	-	-	0.06	36
AHU #6					203
CONFERENCE RM	560	50	5	0.06	174
CORRIDOR	340	-	-	0.06	20
OFFICES	110	5	5	0.06	9
AHU #7					687
STAGE	1,000	120	5	0.06	660
CORRIDOR	450	-	-	0.06	27
AHU #8					91
CORRIDOR	340	-	-	0.06	21
OFFICES	825	5	5	0.06	70
AHU #9					210
CONFERENCE RM	520	50	5	0.06	174
CORRIDOR	600	-	-	0.06	36

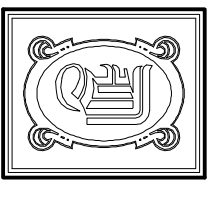


EXHAUST FAN SCHEDULE				
FAN NO.	CFM	VOLTAGE	TYPE	MANF.
EF-1	70	120	VENTLIGHT	

MECHANICAL PLAN  
SCALE: 1/8"=1'-0"



- LEGEND**
- ☒ INDICATES NEW CEILING DIFFUSER - CFM AS NOTED - 24x24 UNLESS OTHERWISE NOTED. SIZE INDICATES NECK SIZE
  - ☒ INDICATES NEW RETURN AIR CEILING GILLE 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



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 SUDELL, LA  
 70461

MECHANICAL PLAN

REV:  
 SCALE: AS NOTED  
 JOB#: 2128  
 DATE: 01-27-12  
 SHEET 9  
**M-1**  
 OF 15