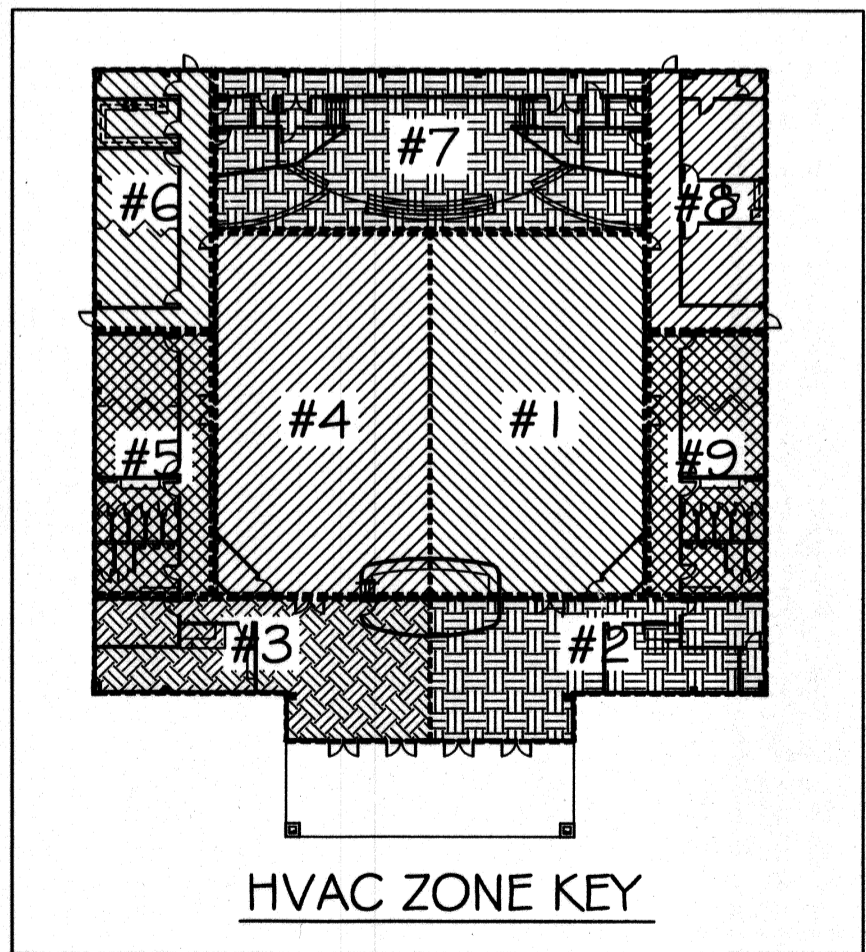


A/C UNIT SCHEDULE TOTAL HVAC TONS = 71.5

NO.	TOTAL BTU	CFM	O.A.	HEAT ELEC.	ELECTRICAL		COMMENTS
					VOLTAGE	MCA	
1	180,000 15 TON	6,000	1170	23 KW	208V, 3Ø	-	PNLI
2	90,000 7.5 TON	3,000	153	18 KW	208V, 3Ø	-	
3	90,000 7.5 TON	3,000	153	18 KW	208V, 3Ø	-	
4	180,000 15 TON	6,000	1170	23 KW	208V, 3Ø	-	
5	60,000 5 TON	2,000	196	15 KW	208V, 3Ø	-	
6	60,000 5 TON	2,000	203	15 KW	208V, 3Ø	-	
7	90,000 7.5 TON	3,000	687	18 KW	208V, 3Ø	-	
8	48,000 4 TON	1,600	91	10 KW	208V, 3Ø	-	
9	60,000 5 TON	2,000	210	15 KW	208V, 3Ø	-	

FRESH AIR REQUIREMENTS
PER IMC 2009 TABLE 403.3

ROOM NAME	SF	OCC/1000 SF	CFM/OCC	CFM/SF	TOTAL OA
AHU #1					1170
SANCTUARY	1772	120	5	0.06	1170
AHU #2					153
OFFICES	500	5	5	0.06	43
MAIN ENTRY	1000	10	5	0.06	110
AHU #3					153
OFFICES	500	5	5	0.06	43
MAIN ENTRY	1000	10	5	0.06	110
AHU #4					1170
SANCTUARY	1772	120	5	0.06	1170
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	1000	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



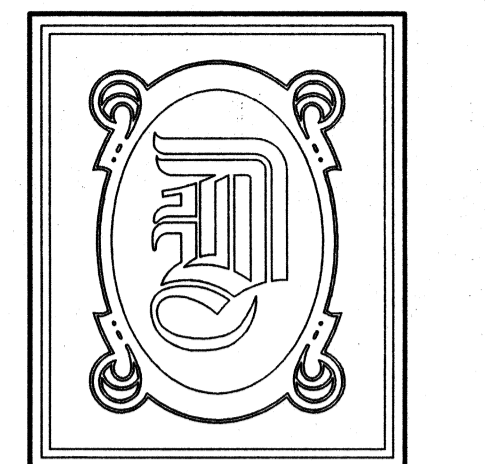
EXHAUST FAN SCHEDULE

FAN No.	CFM	VOLTAGE	TYPE	MANF.
EF-1	70	120	VENT/LIGHT	

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 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



DAMMON ENGINEERING, INC.

CHIEF ENGINEER
EMMETT DAMMON, P.E.

CHIEF ARCHITECT
ROBERT WILTSE

554 OLD SPANISH TRAIL
SLIDELL, LA. 70458
OFFICE: 985-649-5832
FAX: 985-641-5950

WEBSITE:
WWW.DAMMONENGINEERING.COM

EMAIL:
DAMMONENG@BELLSOUTH.NET

- ARCHITECTURE
- ENGINEERING
- STUDIES
- PLANNING
- INVESTIGATION
- EXPERT WITNESS

LIVING THE WORD
INTERNATIONAL

2528
OLD SPANISH TRAIL
SLIDELL, LA
70461

MECHANICAL
PLAN



REV:

SCALE: AS NOTED

JOB#: 2128

DATE: 01-27-12

SHEET 15

M-1

OF 21