

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

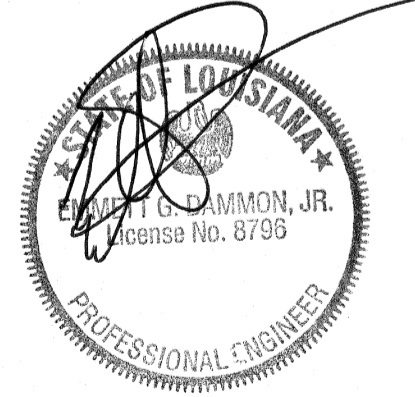
WEBSITE:
WWW.DAMMONENGINEERING.COM
EMAIL:
DAMMONENG@BELLSOUTH.NET

ARCHITECTURE
ENGINEERING
STUDIES
PLANNING
INVESTIGATION
EXPERT WITNESS

LIVING THE WORD
INTERNATIONAL

2528
OLD SPANISH TRAIL
SLIDELL, LA
70461

PANEL
SCHEDULES



REV:

SCALE: AS NOTED

JOB#: 2128

DATE: 01-27-12

SHEET 19

E-3

OF 21

PANEL: MDP LOCATION: ELEC. RM. 123 FEEDER SOURCE: UTILITY CO.				VOLTAGE: 120/208V, 800A, 3Ø, 4W, W/ MAIN BRKR ENCLOSURE: SURFACE MOUNTED W/EQUIPMENT GND BAR BOLT-ON BRK 22000 AIC											
CKT. NO.	THHN WIRE SIZE	LOAD DESCRIPTION		LOAD (VA)	AØ BØ CØ	LOAD (VA)	BREAKER		LOAD DESCRIPTION		THHN WIRE SIZE	CKT. NO.			
		LOCATION	AMP				POLE	POLE	AMP	LOCATION					
1	#2	AHU #1		7070		7070	3	110	AHU #4		#2	2			
3		15 TON		7070		7070			15 TON			4			
5		23 KW ELEC. HEAT		7070		7070			23 KW ELEC. HEAT			6			
7	#3	AHU #2		5690		5690	3	90	AHU #3		#3	8			
9		7.5 TON		5690		5690			7.5 TON			10			
11		18 KW ELEC. HEAT		5690		5690			18 KW ELEC. HEAT			12			
13	#10	AHU #5		2430		2430	3	35	AHU #6		#10	14			
15		5 TON		2430		2430			5 TON			16			
17		15 KW ELEC. HEAT		2430		2430			15 KW ELEC. HEAT			18			
19	#10	AHU #8		2000		2430	3	35	AHU #9		#10	20			
21		4 TON		2000		2430			5 TON			22			
23		10 KW ELEC. HEAT		2000		2430			15 KW ELEC. HEAT			24			
25	#3	AHU #7		5690		30670	3	225	PP-1		4/0	26			
27		7.5 TON		5690		29870			PP-1			28			
29		18 KW ELEC. HEAT		5690		29870			PP-1			30			
31	3/0	LP-1		22400		30080	3	225	LP-2		4/0	32			
33		LP-1		22400		30080			LP-2			34			
35		LP-1		22400		27520			LP-2			36			
37	-	SPACE		-	-	-	-	-	SPACE		-	38			
39	-	SPACE		-	-	-	-	-	SPACE		-	40			
41	-	SPACE		-	-	-	-	-	SPACE		-	42			
				TOTAL CONNECTED LOAD (VA)=366790				GROUND BUS							
				AØ=123650 BØ=122850 CØ=120290				GROUND WIRE (G)							

PANEL: PP-1 LOCATION: ELEC. RM. 123 FEEDER SOURCE: MDP				VOLTAGE: 208/120V, 225A 3Ø, 4W MLO ENCLOSURE: SURFACE MOUNTED W/EQUIPMENT GND BAR BOLT-ON BRK 22000 AIC											
CKT. NO.	THHN WIRE SIZE	LOAD DESCRIPTION		LOAD (VA)	AØ BØ CØ	LOAD (VA)	BREAKER		LOAD DESCRIPTION		THHN WIRE SIZE	CKT. NO.			
		LOCATION	AMP				POLE	POLE	AMP	LOCATION					
1	#4	CU #1		4350		4350	3	80	CU #4		#4	2			
3		15 TON		4350		4350			15 TON			4			
5		15 TON		4350		4350			15 TON			6			
7	#6	CU #2		2390		2390	3	50	CU #3		#6	8			
9		7.5 TON		2390		2390			7.5 TON			10			
11		7.5 TON		2390		2390			7.5 TON			12			
13	#10	CU #5		1450		1450	3	35	CU #6		#10	14			
15		5 TON		1450		1450			5 TON			16			
17		5 TON		1450		1450			5 TON			18			
19	#10	CU #8		1250		1450	3	35	CU #6		#10	20			
21		4 TON		1250		1450			5 TON			22			
23		4 TON		1250		1450			5 TON			24			
25	#6	CU #7		2390		1600	1	20	VIDEO PROJ. OUTLET		#12	26			
27		7.5 TON		2390		1600			VIDEO PROJ. OUTLET			28			
29		7.5 TON		2390		1600			SPARE			30			
31	#10	ELEC. WATER HEATER		1800		1800	2	30	ELEC. WATER HEATER		#10	32			
33		20 GALLON		1800		1800			20 GALLON			34			
35		20 GALLON		1800		2200			40 GALLON			36			
37	#12	SPARE		1600		1600	1	20	SPARE		#12	40			
39		SPARE		1600		1600			SPARE			40			
41		SPARE		1600		1600			SPARE			42			
				TOTAL CONNECTED LOAD (VA)=90110				GROUND BUS							
				AØ=30670 BØ=29870 CØ=29870				GROUND WIRE (G)							

PANEL: LP-1 LOCATION: ELEC. RM. 123 FEEDER SOURCE: MDP				VOLTAGE: 208/120V, 200A 3Ø, 4W MLO ENCLOSURE: SURFACE MOUNTED W/EQUIPMENT GND BAR BOLT-ON BRK 22000 AIC												
CKT. NO.	THHN WIRE SIZE	LOAD DESCRIPTION		LOAD (VA)	AØ BØ CØ	LOAD (VA)	BREAKER		LOAD DESCRIPTION		THHN WIRE SIZE	CKT. NO.				
		LOCATION	AMP				POLE	POLE	AMP	LOCATION						
1	#12	LIGHTING RM: 120, 121, 122, 123		1600		1600	1	20	LIGHTING RM: 119		#12	2				
3	#12	LIGHTING RM: 118		1600		1600	1	20	LIGHTING RM: 113, 114, 115, 116, 117		#12	4				
5	#12	LIGHTING RM: 100		1600		1600	1	20	LIGHTING RM: 129, 130, 131		#12	6				
7	#12	LIGHTING RM: 128		1600		1600	1	20	LIGHTING RM: 127		#12	8				
9	#12	LIGHTING RM: 126		1600		1600	1	20	LIGHTING RM: 105, 106, 107, 108, 124, 125		#12	10				
11	#12	LIGHTING WEST WALLWAY		1600		1600	1	20	LIGHTING REAR HALLWAY		#12	12				
13	#12	LIGHTING EAST WALLWAY		1600		1600	1	20	RECEPTACLES		#12	14				
15	#12	RECEPTACLES		1600		1600	1	20	RECEPTACLES		#12	16				
17	#12	RECEPTACLES		1600		1600	1	20	RECEPTACLES		#12	18				
19	#12	RECEPTACLES		1600		1600	1	20	LIGHTING RM: 101, 102, CRY ROOMS		#12	20				
21	#12	LIGHTING PORTE COCHERE		1600		1600	1	20	LANDSCAPE LIGHTING ON PHOTOCELL		#12	22				
23	#12	EXTERIOR WALL PACK LIGHTING ON PHOTOCELL		1600		1600	1	20	RECEPTACLES		#12	24				
25	#12	RECEPTACLES		1600		1600	1	20	RECEPTACLES		#12	26				
27	#12	RECEPTACLES		1600		1600	1	20	RECEPTACLES		#12	28				
29	#12	RECEPTACLES		1600		1600	1	20	RECEPTACLES		#12	30				
31	#12	RECEPTACLES		1600		1600	1	20	RECEPTACLES		#12	32				
33	#12	RECEPTACLES		1600		1600	1	20	RECEPTACLES		#12	34				
35	#12	RECEPTACLES		1600		1600	1	20	RECEPTACLES		#12	36				
37	#12	RECEPTACLES		1600		1600	1	20	RECEPTACLES		#12	38				
39	#12	RECEPTACLES		1600		1600	1	20	RECEPTACLES		#12	40				
41	#12	SPARE		1600		1600	1	20	SPARE		#12	42				
				TOTAL CONNECTED LOAD (VA)=67200				GROUND BUS								
				AØ=22400 BØ=22400 CØ=22400				GROUND WIRE (G)								

PANEL: LP-2 LOCATION: ELEC. RM. 123 FEEDER SOURCE: MDP				VOLTAGE: 208/120V, 225A 3Ø, 4W MLO ENCLOSURE: SURFACE MOUNTED W/EQUIPMENT GND BAR BOLT-ON BRK 22000 AIC												
CKT. NO.	THHN WIRE SIZE	LOAD DESCRIPTION		LOAD (VA)	AØ BØ CØ	LOAD (VA)	BREAKER		LOAD DESCRIPTION		THHN WIRE SIZE	CKT. NO.				
		LOCATION	AMP				POLE	POLE	AMP	LOCATION						
1	#12	SANCTUARY LIGHTING DIMMER A		1600		1600	1	20	SANCTUARY LIGHTING DIMMER B		#12	2				
3	#12	SANCTUARY LIGHTING DIMMER C		1600		1600	1	20	SANCTUARY LIGHTING DIMMER D		#12	4				
5	#12	SANCTUARY LIGHTING DIMMER E		1600		1600	1	20	SANCTUARY LIGHTING DIMMER F		#12	6				
7	#6	THEATRICAL LIGHTING		2880		2880	1	60	THEATRICAL LIGHTING		#6	8				
9	#6	THEATRICAL LIGHTING		2880		2880	1	60	THEATRICAL LIGHTING		#6	10				
11	#6	THEATRICAL LIGHTING		2880		2880	1	60	THEATRICAL LIGHTING		#6	12				
13	#6	THEATRICAL LIGHTING		2880		2880	1	60	THEATRICAL LIGHTING		#6	14				
15	#6	THEATRICAL LIGHTING		2880		2880	1	60	THEATRICAL LIGHTING		#6	16				
17	#6	THEATRICAL LIGHTING		2880		2880	1	60	THEATRICAL LIGHTING		#6	18				
19	#6	THEATRICAL LIGHTING		2880		2880	1	60	THEATRICAL LIGHTING		#6	20				
21	#6	THEATRICAL LIGHTING		2880		2880	1	60	THEATRICAL LIGHTING		#6	22				
23	#12	STAGE MONITOR		1600		1600	1	20	STAGE MONITOR		#12	24				
25	#12	BAND MONITOR		1600		1600	1	20	BAND MONITOR		#12	26				
27	#12	BAND MONITOR		1600		1600	1	20	BAND MONITOR		#12	28				
29	#12	BAND MONITOR		1600		1600	1	20	BAND MONITOR		#12	30				
31	#12	AUDIO EQ. RM. EDISON CIRCUIT		1600		1600	1	20	AUDIO EQ. RM. EDISON CIRCUIT		#12	32				
33	#12	AUDIO EQ. RM. EDISON CIRCUIT		1600		1600	1	20	AUDIO EQ. RM. EDISON CIRCUIT		#12	34				
35	#12	AUDIO EQ. RM. EDISON CIRCUIT		1600		1600	1	20	AUDIO EQ. RM. EDISON CIRCUIT		#12	36				
37	#12	AUDIO EQ. RM. EDISON CIRCUIT		1600		1600	1	20	AUDIO EQ. RM. EDISON CIRCUIT		#12	38				
39	#12	AUDIO MIXER EDISON CIRCUIT		1600		1600	1	20	AUDIO MIXER EDISON CIRCUIT		#12	40				
41	#12	LIGHTING MIXER EDISON CIRCUIT		1600		1600	1	20	VIDEO MIXER EDISON CIRCUIT		#12	42				
				TOTAL CONNECTED LOAD (VA)=87680				GROUND BUS								
				AØ=30080 BØ=30080 CØ=27520				GROUND WIRE (G)								