

# Panel Schedule

## Panel A

Sunday, Jul. 09, 2006

Prepared By: Butch Boutchyard  
 Company: Dolphins Software  
 Project: Fire Dept

### Transformer Information:

Size:  
 % of Impedence:  
 Beginning AIC (kA):  
 Primary Voltage:  
 L-L Voltage: 208 VAC  
 L-N Voltage: 120 VAC

### Enclosure Information:

Enclosure Type: 3-Phase  
 Main Connection: Lug  
 Ground Bus: Yes  
 Neutral Bus: Yes  
 CT / Meter: No  
 Entrance: Bottom

### Circuit Information:

No. Circuits: 61  
 Phase: 3  
 Hertz: 60  
 Fed From:  
 Panel MDP

### Breaker Information:

Frame Size:  
 Load(A): 363 A  
 % Factor: 110 %  
 OCPD Size(A): 400A

### Conductor Information:

Conductor: 2-Sets of 3-4/0 ga.  
 Ground: 2-Sets of 3 ga.  
 Neutral: 2-Sets of 4/0 ga.  
 Insulation: THHN  
 Material: Copper

Ct#	Load Description	Cdtr Size	OCPD Size	Load in kW				Load in kW				Cdtr Size	Load Description	Ct#
				AØ	BØ	CØ	L	CØ	BØ	AØ	OCPD Size			
1	Lights Truck Bays	(1) 6 ga.	60A	2.69			L1			2.69	30A	(1) 10 ga.	Lights Truck Bays	2
3	Exterior Lights	(1) 12 ga.	15A		1.25		L2		2.11		20A	(1) 10 ga.	Lights Rms 113 118 123-130	4
5	Lights Bingo Rm	(1) 10 ga.	20A			2.18	L3		4.41		90A	(3) 4 ga.	A/C9	6
7	Radiant Heaters	(1) 14 ga.	15A	0.76			L1		4.41				---	8
9							L2	4.41					---	10
11							L3	0.76			20A	(1) 12 ga.	Radiant Heaters	12
13							L1		1.44		20A	(1) 12 ga.	Radio Rm Plugmold	14
15	Recpt Gas Stove	(1) 12 ga.	20A		0.45		L2		0.45		20A	(1) 12 ga.	Recpt Gas Stove	16
17	Walk In Freezer	(2) 12 ga.	20A	0.95			L3	0.84			20A	(1) 12 ga.	Soda Machine	18
19	---					0.95	L1		1		15A	(1) 14 ga.	Exterior Lights	20
21	Exterior Lights	(1) 14 ga.	15A		1		L2		1.25		15A	(1) 12 ga.	Exterior Lights	22
23	Lights Bingo Room	(1) 12 ga.	20A			1.63	L3	1.63			20A	(1) 12 ga.	Lights Bingo Room	24
25	Lights Bingo Room	(1) 12 ga.	20A	1.63			L1		5.29		80A	(3) 3 ga.	A/C 7	26
27	EF 4	(1) 14 ga.	15A		0.42		L2		5.29				---	28
29	Bingo Boards	(1) 14 ga.	15A			0.65	L3	5.29					---	30
31	Recpt Rm 114	(1) 14 ga.	15A	0.81			L1		0.97		15A	(1) 14 ga.	Recpt Bingo Ceiling	32
33	Air Compressor	(2) 10 ga.	35A		1.44		L2		0.45		15A	(1) 14 ga.	Recpt Deep Fryers	34
35	---					1.44	L3	1.08			15A	(1) 14 ga.	Walk- In Cooler	36
37	Coffee Machine	(2) 14 ga.	15A	0.74			L1		0.84		15A	(1) 14 ga.	Proofer	38
39	---				0.74		L2		2.17		40A	(2) 8 ga.	Dishwasher	40
41	Cord Reel	(1) 14 ga.	15A			0.9	L3	2.17					---	42
43	Cord Reel	(1) 14 ga.	15A	0.9			L1		0.9		15A	(1) 14 ga.	Cord Reel	44
45	Bay door Motor	(1) 14 ga.	20A		0.84		L2		0.9		15A	(1) 14 ga.	Cord Reel	46
47	Cord Reel	(1) 14 ga.	15A			0.9	L3	0.9			15A	(1) 14 ga.	Cord Reel	48
49	Bay Door Motors	(1) 14 ga.	20A	0.84			L1		0.65		15A	(1) 14 ga.	Recpt Kitchen	50

# Panel Schedule

## Panel A

Sunday, Jul. 09, 2006

Prepared By: Butch Boutchyard

Company: Dolphins Software

Project: Fire Dept

Ct#	Load Description	Cdtr Size	OCPD Size	Load in kW			L	Load in kW			OCPD Size	Cdtr Size	Load Description	Ct#
				AØ	BØ	CØ		CØ	BØ	AØ				
49	Bay Door Motors	(1) 14 ga.	20A	0.84			L1			0.65	15A	(1) 14 ga.	Recpt Kitchen	50
51	Ice Machine	(1) 14 ga.	15A		0.84		L2		0.81		15A	(1) 14 ga.	Kitchen Recpt	52
53	Kitchen Recpt	(1) 14 ga.	15A			0.32	L3			2.64	50A	(3) 8 ga.	A/C 5	54
55	Cord Reel	(1) 14 ga.	15A	0.9			L1		2.64				---	56
57	Cord Reel	(1) 14 ga.	15A		0.9		L2	2.64					---	58
59	Bay Doors	(1) 14 ga.	20A			0.84	L3	0.84			20A	(1) 14 ga.	Bay Doors	60
61	Cord Reel	(1) 14 ga.	15A	0.9			L1			0.9	15A	(1) 14 ga.	Cord Reel	62
63	Bay Door Motor	(1) 14 ga.	20A		0.84		L2		0.42		15A	(1) 14 ga.	Bay Door Motor	64
65							L3							66
67							L1							68
69							L2							70
71							L3							72
73							L1							74
75							L2							76
77							L3							78
79							L1							80
81							L2							82
83							L3							84
Phase Totals:				11.11	8.71	9.8		20.56	20.9	21.73				

<b>Load Balance :</b>	<b>Phase A :</b>	<b>Phase B :</b>	<b>Phase C :</b>	<b>Load Totals :</b>	<b>Amps :</b>	<b>kW :</b>	<b>kVA :</b>
	32.84 kW	29.61 kW	30.36 kW	<b>Connected Load :</b>	317.95	92.81	118.98
				<b>w/ Demand Factors :</b>	363.32	92.81	118.98