

# Industrial Complex

Tuesday, Aug. 29, 2006

# Voltage Drop Analysis

Item	Conductor Size	Rated Voltage	Start Voltage	End Voltage	Total Voltage Drop	% Voltage Drop	% Voltage Drop Limit	% Voltage Drop Bar Graph
<b>MSWB</b>	6-900 kcmil	480.00	479.75		1.52	0.32	3.00	
<b>4PB1</b>	3/0 ga.	480.00	478.68		1.32	0.27	3.00	
<b>Transformer #5</b>	10 ga.	480.00	476.66		3.34	0.70	3.00	
Office HVAC	12 ga.	277.00	476.66	274.16	2.84	1.03	3.00	
Work room Heater	12 ga.	480.00	476.66	478.12	1.88	0.39	3.00	
Bathroom Heater	12 ga.	277.00	476.66	274.41	2.59	0.94	3.00	
2 ton Crane	12 ga.	480.00	476.66	478.37	1.63	0.34	3.00	
Exterior Pole Lights	12 ga.	277.00	476.66	271.54	5.46	1.97	3.00	
Exterior Wallpak Lights	12 ga.	277.00	476.66	276.23	0.77	0.28	3.00	
Air compressor	12 ga.	480.00	476.66	478.37	1.63	0.34	3.00	
Rooftop HVAC	12 ga.	480.00	476.66	477.72	2.28	0.48	3.00	
<b>4LP1</b>	8 ga.	208.00	197.47		4.41	2.12	3.00	
Bathroom Fan	12 ga.	120.00	203.59	119.65	0.35	0.30	3.00	
Exhaust Louvers	12 ga.	120.00	203.59	118.68	1.32	1.10	3.00	
Work Room Outlets	12 ga.	120.00	203.59	116.73	3.27	2.73	3.00	
Shop Outlets	12 ga.	120.00	203.59	118.04	1.96	1.64	3.00	
Shop Outlets	12 ga.	120.00	203.59	117.38	2.62	2.18	3.00	
Office Outlets	12 ga.	120.00	203.59	116.73	3.27	2.73	3.00	
Bay Lites	8 ga.	120.00	203.59	114.47	5.53	4.61	3.00	
Bay Lites	8 ga.	120.00	203.59	114.47	5.53	4.61	3.00	
Bay Lites	10 ga.	120.00	203.59	112.96	7.04	5.86	3.00	
Work Room Lights	12 ga.	120.00	203.59	117.07	2.93	2.45	3.00	
Office Lights	12 ga.	120.00	203.59	117.07	2.93	2.45	3.00	
<b>5PB1</b>	3/0 ga.	480.00	478.33		1.67	0.35	3.00	
<b>Transformer #4</b>	14 ga.	480.00	478.43		1.57	0.33	3.00	
HVAC	12 ga.	480.00	478.43	477.54	2.46	0.51	3.00	
<b>6LP1</b>	3/0 ga.	240.00	237.94		2.06	0.86	3.00	

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<b>6LP1</b>	3/0 ga.	240.00	237.94		2.06	0.86	3.00	
Outlets	10 ga.	120.00	237.94	116.56	3.44	2.87	3.00	
Outlets	10 ga.	120.00	237.94	116.56	3.44	2.87	3.00	
Outlets	10 ga.	120.00	237.94	116.56	3.44	2.87	3.00	
Outlets	10 ga.	120.00	237.94	116.56	3.44	2.87	3.00	
Outlets	10 ga.	120.00	237.94	116.56	3.44	2.87	3.00	
Outlets	10 ga.	120.00	237.94	116.56	3.44	2.87	3.00	
Outlets	10 ga.	120.00	237.94	116.56	3.44	2.87	3.00	
Outlets	10 ga.	120.00	237.94	116.56	3.44	2.87	3.00	
Outlets	10 ga.	120.00	237.94	116.56	3.44	2.87	3.00	
<b>5LP1</b>	3/0 ga.	208.00	205.34		0.18	0.09	3.00	
Outlets	12 ga.	120.00	207.82	117.92	2.08	1.74	3.00	
Outlets	12 ga.	120.00	207.82	117.92	2.08	1.74	3.00	
Outlets	12 ga.	120.00	207.82	117.92	2.08	1.74	3.00	
<b>3SW1</b>	4-1/0 ga.	480.00	479.79		0.05	0.01	3.00	
<b>Transformer #3</b>	8 ga.	480.00	475.46		4.54	0.95	3.00	
<b>3PB1</b>	500 kcmils	480.00	477.28		2.72	0.57	3.00	
Condensing Unit #4	10 ga.	480.00	477.28	477.22	2.78	0.58	3.00	
Condensing Unit #3	10 ga.	480.00	477.28	477.22	2.78	0.58	3.00	
Condensing Unit #2	10 ga.	480.00	477.28	477.22	2.78	0.58	3.00	
Condensing Unit #1	10 ga.	480.00	477.28	477.22	2.78	0.58	3.00	
<b>3PB2</b>	2-4/0 ga.	480.00	468.60		5.70	1.19	3.00	
Exterior Pole Lights	12 ga.	277.00	474.30	271.59	5.41	1.95	3.00	
Exterior Pole Lights	12 ga.	277.00	474.30	271.59	5.41	1.95	3.00	
Office Lighting	12 ga.	277.00	474.30	275.82	1.18	0.43	3.00	
Office Lighting	12 ga.	277.00	474.30	275.82	1.18	0.43	3.00	
Office Lighting	12 ga.	277.00	474.30	274.84	2.16	0.78	3.00	

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Item	Conductor Size	Rated Voltage	Start Voltage	End Voltage	Total Voltage Drop	Total % Voltage Drop	% Voltage Drop Limit	% Voltage Drop Bar Graph
Office Lighting	12 ga.	277.00	0.00	274.84	2.16	0.78	3.00	0.28
Office Lighting	12 ga.	277.00	0.00	276.02	0.98	0.36	3.00	0.12
Office Lighting	12 ga.	277.00	0.00	275.23	1.77	0.64	3.00	0.21
Office Lighting	12 ga.	277.00	0.00	276.02	0.98	0.36	3.00	0.12
Office Lighting	12 ga.	277.00	0.00	274.84	2.16	0.78	3.00	0.28
Office Lighting	12 ga.	277.00	0.00	276.21	0.79	0.28	3.00	0.09
Office Lighting	12 ga.	277.00	0.00	275.82	1.18	0.43	3.00	0.14
Exterior Wall sign	12 ga.	277.00	0.00	276.39	0.61	0.22	3.00	0.07
Bay Lights	12 ga.	277.00	0.00	274.23	2.77	1.00	3.00	0.33
Bay Lights	12 ga.	277.00	0.00	274.23	2.77	1.00	3.00	0.33
Bay Lights	12 ga.	277.00	0.00	274.30	2.70	0.98	3.00	0.32
Bay Lights	12 ga.	277.00	0.00	274.30	2.70	0.98	3.00	0.32
Bay Lights	12 ga.	277.00	0.00	274.30	2.70	0.98	3.00	0.32
Exterior Wallpak Lighting	12 ga.	277.00	0.00	276.05	0.95	0.34	3.00	0.11
Exterior Wallpak Lighting	12 ga.	277.00	0.00	275.86	1.14	0.41	3.00	0.14
Jib Crane	12 ga.	480.00	0.00	478.88	1.12	0.23	3.00	0.08
Overhead Crane	8 ga.	480.00	0.00	476.82	3.18	0.66	3.00	0.22
Overhead Crane	8 ga.	480.00	0.00	476.82	3.18	0.66	3.00	0.22
Test Pump	12 ga.	480.00	0.00	478.66	1.34	0.28	3.00	0.09
Air Compressor	8 ga.	480.00	0.00	477.15	2.85	0.59	3.00	0.19
Ice machine	12 ga.	277.00	0.00	273.90	3.10	1.12	3.00	0.37
Welder	3 ga.	480.00	0.00	476.37	3.63	0.76	3.00	0.25
Welder	3 ga.	480.00	0.00	476.37	3.63	0.76	3.00	0.25
Welder	3 ga.	480.00	0.00	476.37	3.63	0.76	3.00	0.25
Pressure Washer	12 ga.	480.00	0.00	479.30	0.70	0.15	3.00	0.05
Pressure Washer	12 ga.	480.00	0.00	479.30	0.70	0.15	3.00	0.05
Condensing Unit #2	12 ga.	480.00	0.00	478.73	1.27	0.26	3.00	0.08
Condensing Unit #1	12 ga.	480.00	0.00	478.73	1.27	0.26	3.00	0.08
AHU #2	12 ga.	480.00	0.00	478.23	1.77	0.37	3.00	0.12
AHU #1	12 ga.	480.00	0.00	478.23	1.77	0.37	3.00	0.12
<b>3LP1</b>	500 kcmils	208.00	199.64		1.82	0.87	3.00	0.29
Bathroom Exhaust Fan	12 ga.	120.00	206.18	118.41	1.59	1.32	3.00	0.44
Bathroom Exhaust Fan	12 ga.	120.00	206.18	119.21	0.79	0.66	3.00	0.22
Kitchen Outlets	12 ga.	120.00	206.18	118.59	1.41	1.17	3.00	0.39

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Kitchen Outlets	12 ga.	120.00	0.00	118.59	1.41	1.17	3.00	1.17
Water Heater	10 ga.	120.00	0.00	116.06	3.94	3.29	3.00	3.29
Outlets	12 ga.	120.00	0.00	118.48	1.52	1.27	3.00	1.27
Outlets	12 ga.	120.00	0.00	117.97	2.03	1.69	3.00	1.69
Outlets	12 ga.	120.00	0.00	116.96	3.04	2.53	3.00	2.53
Outlets	12 ga.	120.00	0.00	116.96	3.04	2.53	3.00	2.53
Outlets	12 ga.	120.00	0.00	117.47	2.53	2.11	3.00	2.11
Outlets	12 ga.	120.00	0.00	116.96	3.04	2.53	3.00	2.53
Outlets	12 ga.	120.00	0.00	116.96	3.04	2.53	3.00	2.53
Outlets	12 ga.	120.00	0.00	116.96	3.04	2.53	3.00	2.53
Outlets	12 ga.	120.00	0.00	116.96	3.04	2.53	3.00	2.53
<b>3LP2</b>	3/0 ga.	208.00	206.66		1.34	0.64	3.00	0.64
SP Outlets	12 ga.	120.00	206.66	118.72	1.28	1.07	3.00	1.07
SP Outlets	12 ga.	120.00	206.66	118.72	1.28	1.07	3.00	1.07
SP Outlets	12 ga.	120.00	206.66	118.72	1.28	1.07	3.00	1.07
SP Outlets	12 ga.	120.00	206.66	118.72	1.28	1.07	3.00	1.07
Bay Door	12 ga.	208.00	206.66	206.82	1.18	0.57	3.00	0.57
Bay Door	12 ga.	208.00	206.66	206.82	1.18	0.57	3.00	0.57
Bay Door	12 ga.	208.00	206.66	206.82	1.18	0.57	3.00	0.57
Bay Door	12 ga.	208.00	206.66	206.82	1.18	0.57	3.00	0.57
Bay Door	12 ga.	208.00	206.66	206.82	1.18	0.57	3.00	0.57
Bay Door	12 ga.	208.00	206.66	206.82	1.18	0.57	3.00	0.57
Bay Door	12 ga.	208.00	206.66	206.82	1.18	0.57	3.00	0.57
Bay Door	12 ga.	208.00	206.66	206.82	1.18	0.57	3.00	0.57
Bay Door	12 ga.	208.00	206.66	206.82	1.18	0.57	3.00	0.57
Bay Door	12 ga.	208.00	206.66	206.82	1.18	0.57	3.00	0.57
Outlets	12 ga.	120.00	206.66	117.97	2.03	1.69	3.00	1.69
Outlets	12 ga.	120.00	206.66	117.97	2.03	1.69	3.00	1.69
<b>2SW1</b>	4-1/0 ga.	480.00	479.81		0.05	0.01	3.00	0.01
<b>Transformer #2</b>	8 ga.	480.00	474.41		5.59	1.16	3.00	1.16
<b>2PB2</b>	500 kcmils	480.00	472.72		7.28	1.52	3.00	1.52

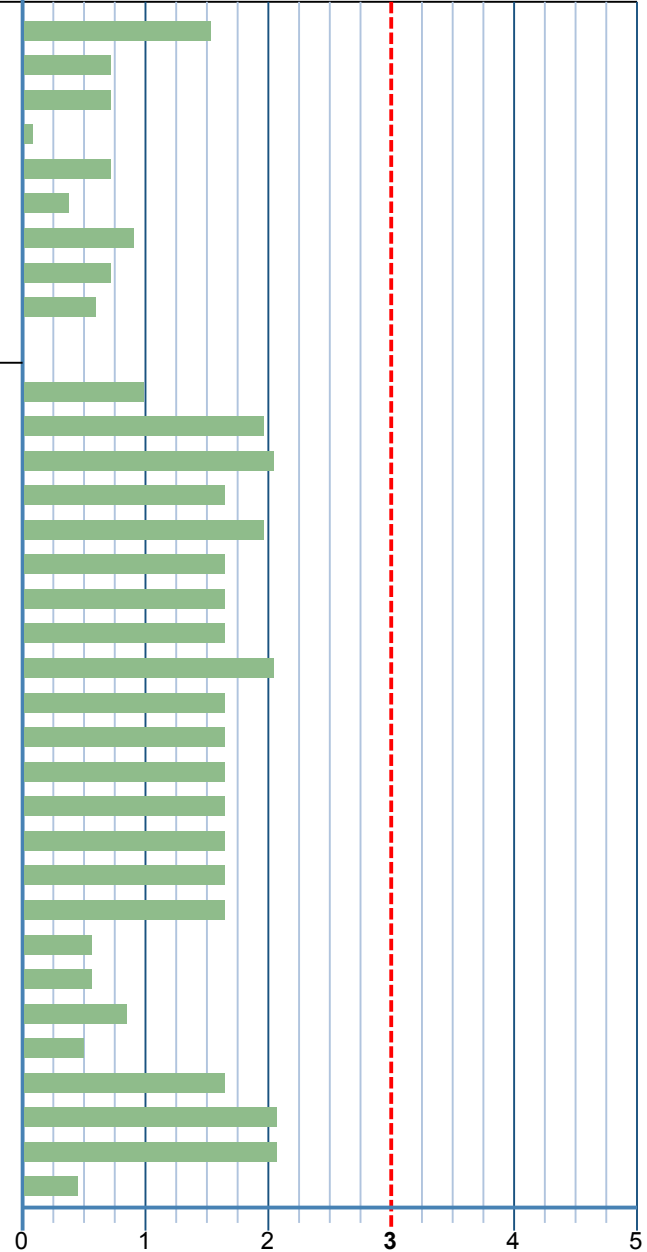
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Item	Conductor Size	Rated Voltage	Start Voltage	End Voltage	Total Voltage Drop	Total % Voltage Drop	% Voltage Drop Limit	% Voltage Drop Bar Graph
<b>2PB2</b>	500 kcmils	480.00	472.72		7.28	1.52	3.00	
Welder	8 ga.	480.00	472.72	476.66	3.34	0.70	3.00	
Welder	8 ga.	480.00	472.72	476.66	3.34	0.70	3.00	
Crane Trolley	12 ga.	480.00	472.72	479.65	0.35	0.07	3.00	
15 Ton Crane	8 ga.	480.00	472.72	476.64	3.36	0.70	3.00	
Sump Pump	12 ga.	480.00	472.72	478.27	1.73	0.36	3.00	
Air Compressor	1/0 ga.	480.00	472.72	475.75	4.25	0.89	3.00	
Steam Cleaner	8 ga.	480.00	472.72	476.66	3.34	0.70	3.00	
Hyd Tong	8 ga.	480.00	472.72	477.22	2.78	0.58	3.00	
<b>2PB1</b>	1/0 ga.	480.00	475.33		4.67	0.97	3.00	
Bay Lites	10 ga.	277.00	475.33	271.60	5.40	1.95	3.00	
Bay Lites 17	12 ga.	277.00	475.33	271.37	5.63	2.03	3.00	
Bay Lites	10 ga.	277.00	475.33	272.50	4.50	1.63	3.00	
Bay Lites 15	10 ga.	277.00	475.33	271.60	5.40	1.95	3.00	
Bay Lites	10 ga.	277.00	475.33	272.50	4.50	1.63	3.00	
Bay Lites	10 ga.	277.00	475.33	272.50	4.50	1.63	3.00	
Bay Lites	10 ga.	277.00	475.33	272.50	4.50	1.63	3.00	
Bay Lites	10 ga.	277.00	475.33	272.50	4.50	1.63	3.00	
Bay Lites	12 ga.	277.00	475.33	271.37	5.63	2.03	3.00	
Bay Lites 10	10 ga.	277.00	475.33	272.50	4.50	1.63	3.00	
Bay Lites	10 ga.	277.00	475.33	272.50	4.50	1.63	3.00	
Bay Lites	10 ga.	277.00	475.33	272.50	4.50	1.63	3.00	
Bay Lites 7	10 ga.	277.00	475.33	272.50	4.50	1.63	3.00	
Bay Lites	10 ga.	277.00	475.33	272.50	4.50	1.63	3.00	
Bay Lites	10 ga.	277.00	475.33	272.50	4.50	1.63	3.00	
Workroom Lites	12 ga.	277.00	475.33	275.47	1.53	0.55	3.00	
Workroom Lites	12 ga.	277.00	475.33	275.47	1.53	0.55	3.00	
Workroom Lites	12 ga.	277.00	475.33	274.70	2.30	0.83	3.00	
Workroom Lites	12 ga.	277.00	475.33	275.66	1.34	0.48	3.00	
Bay Lites	10 ga.	277.00	475.33	272.50	4.50	1.63	3.00	
Exterior Pole Lights	12 ga.	277.00	475.33	271.32	5.68	2.05	3.00	
Exterior Pole Lights	12 ga.	277.00	475.33	271.32	5.68	2.05	3.00	
Exterior Wallpak Lighting	12 ga.	277.00	475.33	275.81	1.19	0.43	3.00	

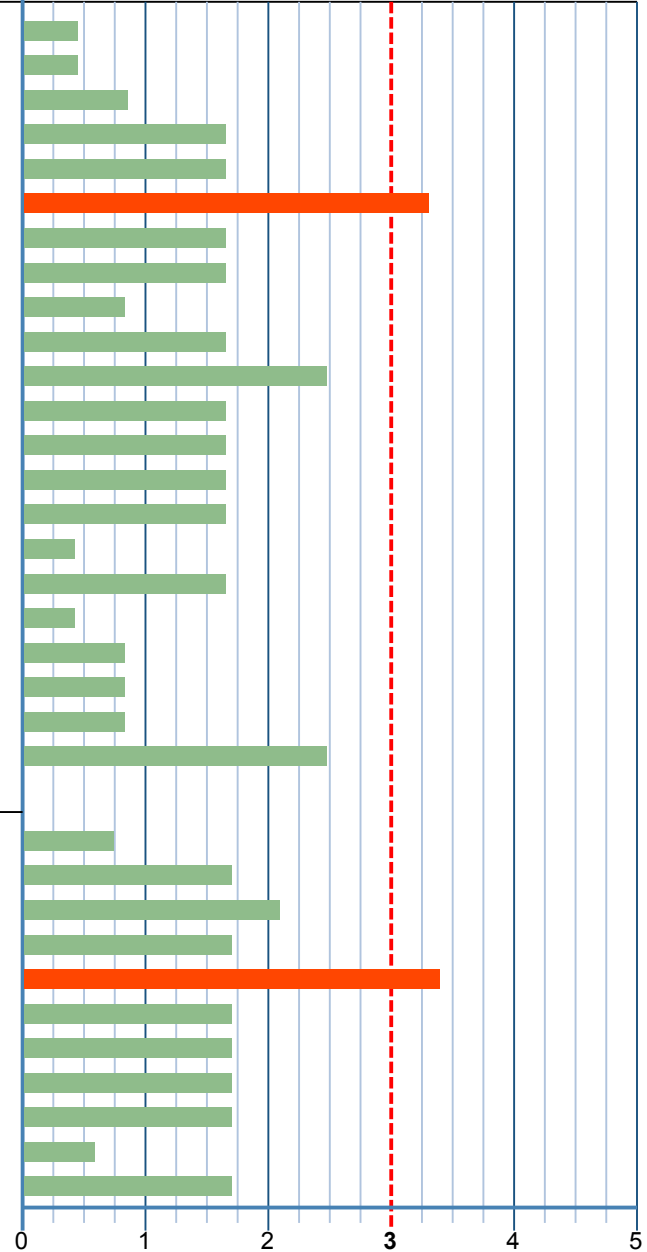


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Tuesday, Aug. 29, 2006

# Voltage Drop Analysis

Item	Conductor Size	Rated Voltage	Start Voltage	End Voltage	Total Voltage Drop	Total % Voltage Drop	% Voltage Drop Limit	% Voltage Drop Bar Graph
Exterior Wallpak Lighting	12 ga.	277.00	0.00	275.81	1.19	0.43	3.00	0.43
Exterior Wallpak Lighting	12 ga.	277.00	0.00	275.81	1.19	0.43	3.00	0.43
<b>2LP1</b>	500 kcmils	208.00	197.66		1.74	0.84	3.00	0.84
Outlets	12 ga.	120.00	206.26	118.03	1.97	1.64	3.00	1.64
Outlets	12 ga.	120.00	206.26	118.03	1.97	1.64	3.00	1.64
Outlets	12 ga.	120.00	206.26	116.06	3.94	3.29	3.00	3.29
Outlets	12 ga.	120.00	206.26	118.03	1.97	1.64	3.00	1.64
Outlets	12 ga.	120.00	206.26	118.03	1.97	1.64	3.00	1.64
Outlets	12 ga.	120.00	206.26	119.02	0.98	0.82	3.00	0.82
Outlets	12 ga.	120.00	206.26	118.03	1.97	1.64	3.00	1.64
Outlets	12 ga.	120.00	206.26	117.04	2.96	2.46	3.00	2.46
Outlets	12 ga.	120.00	206.26	118.03	1.97	1.64	3.00	1.64
Outlets	12 ga.	120.00	206.26	118.03	1.97	1.64	3.00	1.64
Outlets	12 ga.	120.00	206.26	118.03	1.97	1.64	3.00	1.64
Outlets	12 ga.	120.00	206.26	118.03	1.97	1.64	3.00	1.64
Outlets	12 ga.	120.00	206.26	119.51	0.49	0.41	3.00	0.41
Outlets	12 ga.	120.00	206.26	118.03	1.97	1.64	3.00	1.64
Outlets	12 ga.	120.00	206.26	119.51	0.49	0.41	3.00	0.41
Outlets	12 ga.	120.00	206.26	119.02	0.98	0.82	3.00	0.82
Outlets	12 ga.	120.00	206.26	119.02	0.98	0.82	3.00	0.82
Outlets	12 ga.	120.00	206.26	119.02	0.98	0.82	3.00	0.82
Outlets	12 ga.	120.00	206.26	117.04	2.96	2.46	3.00	2.46
<b>2LP2</b>	3/0 ga.	208.00	206.48		1.52	0.73	3.00	0.73
Outlets	12 ga.	120.00	206.48	117.97	2.03	1.69	3.00	1.69
Breakroom Stove	12 ga.	208.00	206.48	203.67	4.33	2.08	3.00	2.08
Outlets	12 ga.	120.00	206.48	117.97	2.03	1.69	3.00	1.69
Outlets	12 ga.	120.00	206.48	115.94	4.06	3.38	3.00	3.38
Outlets 15	12 ga.	120.00	206.48	117.97	2.03	1.69	3.00	1.69
Outlets	12 ga.	120.00	206.48	117.97	2.03	1.69	3.00	1.69
Outlets	12 ga.	120.00	206.48	117.97	2.03	1.69	3.00	1.69
Outlets	12 ga.	120.00	206.48	117.97	2.03	1.69	3.00	1.69
Bay Door	12 ga.	208.00	206.48	206.82	1.18	0.57	3.00	0.57
Outlets	12 ga.	120.00	206.48	117.97	2.03	1.69	3.00	1.69



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Outlets	12 ga.	120.00	0.00	117.97	2.03	1.69	3.00	1.69
Outlets	12 ga.	120.00	0.00	117.97	2.03	1.69	3.00	1.69
Outlets	12 ga.	120.00	0.00	117.97	2.03	1.69	3.00	1.69
Outlets	12 ga.	120.00	0.00	117.97	2.03	1.69	3.00	1.69
Outlets	12 ga.	120.00	0.00	115.94	4.06	3.38	3.00	3.38
Outlets	12 ga.	120.00	0.00	115.94	4.06	3.38	3.00	3.38
Outlets	12 ga.	120.00	0.00	117.97	2.03	1.69	3.00	1.69
Outlets	12 ga.	120.00	0.00	117.47	2.53	2.11	3.00	2.11
Bay Door	12 ga.	208.00	0.00	206.82	1.18	0.57	3.00	0.57
<b>1SW1</b>	4-1/0 ga.	480.00	479.82		0.04	0.01	3.00	0.01
<b>Transformer #1</b>	8 ga.	480.00	471.43		8.57	1.79	3.00	1.79
<b>1PB2</b>	2 ga.	480.00	474.41		5.59	1.16	3.00	1.16
Air Handling Unit #2	12 ga.	480.00	474.41	476.23	3.77	0.79	3.00	0.79
Air Handling Unit #1	12 ga.	480.00	474.41	476.23	3.77	0.79	3.00	0.79
Exterior Pole Lights	12 ga.	277.00	474.41	271.13	5.87	2.12	3.00	2.12
Exterior Pole Lights	12 ga.	277.00	474.41	271.13	5.87	2.12	3.00	2.12
Exterior Wallpak Lighting	12 ga.	277.00	474.41	275.56	1.44	0.52	3.00	0.52
Bay Lites	10 ga.	277.00	474.41	272.25	4.75	1.71	3.00	1.71
Bay Lites	10 ga.	277.00	474.41	272.25	4.75	1.71	3.00	1.71
Bay Lites	12 ga.	277.00	474.41	271.18	5.82	2.10	3.00	2.10
Bay Lites	10 ga.	277.00	474.41	272.25	4.75	1.71	3.00	1.71
Bay Lites	10 ga.	277.00	474.41	272.25	4.75	1.71	3.00	1.71
Bay Lites	10 ga.	277.00	474.41	272.25	4.75	1.71	3.00	1.71
Bay Lites	10 ga.	277.00	474.41	272.25	4.75	1.71	3.00	1.71
Off Lites 2nd Floor	12 ga.	277.00	474.41	275.52	1.48	0.54	3.00	0.54
Off Lites 2nd Floor	12 ga.	277.00	474.41	275.73	1.27	0.46	3.00	0.46
Off Lites 2nd Floor	12 ga.	277.00	474.41	275.31	1.69	0.61	3.00	0.61
Off Lites 2nd Floor	12 ga.	277.00	474.41	274.88	2.12	0.76	3.00	0.76
Off Lites 1st Floor	12 ga.	277.00	474.41	275.31	1.69	0.61	3.00	0.61
Off Lites 1st Floor	12 ga.	277.00	474.41	275.31	1.69	0.61	3.00	0.61
Off Lites 1st Floor	12 ga.	277.00	474.41	275.73	1.27	0.46	3.00	0.46
Off Lites 1st Floor	12 ga.	277.00	474.41	275.31	1.69	0.61	3.00	0.61

0 1 2 3 4 5

# Industrial Complex

Tuesday, Aug. 29, 2006

# Voltage Drop Analysis

Item	Conductor Size	Rated Voltage	Start Voltage	End Voltage	Total Voltage Drop	Total % Voltage Drop	% Voltage Drop Limit	% Voltage Drop Bar Graph
Off Lites 1st Floor	12 ga.	277.00	0.00	275.31	1.69	0.61	3.00	0.61
Off Lites 1st Floor	12 ga.	277.00	0.00	275.94	1.06	0.38	3.00	0.38
<b>1PB1</b>	500 kcmils	480.00	471.26		8.74	1.82	3.00	1.82
Welder	8 ga.	480.00	471.26	476.67	3.33	0.69	3.00	0.69
Welder	8 ga.	480.00	471.26	476.67	3.33	0.69	3.00	0.69
Crane Trolley	12 ga.	480.00	471.26	479.65	0.35	0.07	3.00	0.07
15 Ton Crane	8 ga.	480.00	471.26	476.65	3.35	0.70	3.00	0.70
Sump Pump	12 ga.	480.00	471.26	478.27	1.73	0.36	3.00	0.36
Air Compressor	1/0 ga.	480.00	471.26	475.78	4.22	0.88	3.00	0.88
Steam Cleaner	8 ga.	480.00	471.26	476.67	3.33	0.69	3.00	0.69
Hyd Tong	8 ga.	480.00	471.26	477.23	2.77	0.58	3.00	0.58
<b>1LP1</b>	500 kcmils	208.00	193.45		3.05	1.47	3.00	1.47
Outlets	12 ga.	120.00	204.95	116.06	3.94	3.29	3.00	3.29
Breakroom	12 ga.	120.00	204.95	115.89	4.11	3.42	3.00	3.42
Outlets	12 ga.	120.00	204.95	116.55	3.45	2.87	3.00	2.87
Outlets	12 ga.	120.00	204.95	117.54	2.46	2.05	3.00	2.05
Bay Door	12 ga.	208.00	204.95	206.86	1.14	0.55	3.00	0.55
Outlets	12 ga.	120.00	204.95	117.54	2.46	2.05	3.00	2.05
Outlets	12 ga.	120.00	204.95	117.54	2.46	2.05	3.00	2.05
Kitchen Outlet	12 ga.	120.00	204.95	115.89	4.11	3.42	3.00	3.42
Outlets	12 ga.	120.00	204.95	116.55	3.45	2.87	3.00	2.87
Outlets	12 ga.	120.00	204.95	117.04	2.96	2.46	3.00	2.46
Outlets	12 ga.	120.00	204.95	117.04	2.96	2.46	3.00	2.46
Outlets	12 ga.	120.00	204.95	116.55	3.45	2.87	3.00	2.87
Outlets	12 ga.	120.00	204.95	116.94	3.06	2.55	3.00	2.55
Outlets	12 ga.	120.00	204.95	116.94	3.06	2.55	3.00	2.55
Outlets	12 ga.	120.00	204.95	116.94	3.06	2.55	3.00	2.55
Outlets	12 ga.	120.00	204.95	116.94	3.06	2.55	3.00	2.55
Water Heater	10 ga.	120.00	204.95	117.13	2.87	2.39	3.00	2.39
<b>1LP2</b>	3/0 ga.	208.00	205.89		2.11	1.01	3.00	1.01
Bay Door	12 ga.	208.00	205.89	206.82	1.18	0.57	3.00	0.57
Outlets	12 ga.	120.00	205.89	118.99	1.01	0.84	3.00	0.84

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