

APPENDIX C | PANELBOARD SCHEDULE

**TABLE 1 | ELECTRICAL SYSTEM LOADS**

DESIGNATION	LEVEL	FED FROM	VOLTAGE	CONNECTED LOAD (kVA)	DEMAND (kVA)	TYPE
E/NG5B1	LB		13200	12636.23	11453.25	SWITCHGEAR
NS5B1	LB		480Y/277, 3 PHASE, 4 WIRE	2384.71	1538.68	SWITCHGEAR
ES5B1	LB	E/NG5B1	480Y/277, 3 PHASE, 4 WIRE	2679.11	2632.29	SWITCHGEAR
ES5B2	LB	E/NG5B1	480Y/277, 3 PHASE, 4 WIRE	2574.03	2536.60	SWITCHGEAR
DP4B1	LB	NS5B1	480Y/277, 3 PHASE, 4 WIRE	180.41	128.35	DISTRIBUTION PANEL
DP2B1	LB	NTXB1	208Y/120, 3 PHASE, 4 WIRE	77.40	44.65	DISTRIBUTION PANEL
LP4B1	LB	DP4B1	480Y/277, 3 PHASE, 4 WIRE	24.98	31.22	LIGHTING PANEL
Q4B1	LB	DP4B1	480Y/277, 3 PHASE, 4 WIRE	0.00	0.00	EQUIPMENT PANEL
Q4B2	LB	DP4B1	480Y/277, 3 PHASE, 4 WIRE	89.43	58.53	EQUIPMENT PANEL
Q4B3	LB	DP4B1	480Y/277, 3 PHASE, 4 WIRE	66.00	44.00	EQUIPMENT PANEL
LAB2B1	LB	DP2B1	208Y/120, 3 PHASE, 4 WIRE	28.16	19.08	LAB MODULE PANEL
LAB2B2	LB	DP2B1	208Y/120, 3 PHASE, 4 WIRE	0.00	0.00	LAB MODULE PANEL
LAB2B3	LB	DP2B1	208Y/120, 3 PHASE, 4 WIRE	0.00	0.00	LAB MODULE PANEL
RP2B1	LB	DP2B1	208Y/120, 3 PHASE, 4 WIRE	31.36	20.88	RECEPTACLE + SMALL LOADS
RP2B2	LB	DP2B1	208Y/120, 3 PHASE, 4 WIRE	17.88	14.69	RECEPTACLE + SMALL LOADS
EDP4B10	LB	ES5B1	480Y/277, 3 PHASE, 4 WIRE	0.00	0.00	EMERGENCY DISTRIBUTION PANEL
EDP2B4	LB	ETXB4	208Y/120, 3 PHASE, 4 WIRE	0.00	0.00	EMERGENCY DISTRIBUTION PANEL
Q4B3	LB	DP4B1	480Y/277, 3 PHASE, 4 WIRE	66.00	44.00	EQUIPMENT PANEL
ELAB2B6	LB	EDP2B4	208Y/120, 3 PHASE, 4 WIRE	0.00	0.00	EMERGENCY LAB MODULE PANEL
EDP4B5	LB	ES5B1	480Y/277, 3 PHASE, 4 WIRE	403.81	411.61	EMERGENCY DISTRIBUTION PANEL
ELAB2B7	LB	EDP2B5	208Y/120, 3 PHASE, 4 WIRE	4.80	6.00	EMERGENCY LAB MODULE PANEL
ELAB2B8	LB	EDP2B5	208Y/120, 3 PHASE, 4 WIRE	0.00	0.00	EMERGENCY LAB MODULE PANEL
EDP4B1	LB	ES5B2	480Y/277, 3 PHASE, 4 WIRE	266.85	292.83	EMERGENCY DISTRIBUTION PANEL
EDP4B2	LB	ES5B2	480Y/277, 3 PHASE, 4 WIRE	494.67	527.10	EMERGENCY DISTRIBUTION PANEL
EDP4B3	LB	ES5B1	480Y/277, 3 PHASE, 4 WIRE	339.21	371.63	EMERGENCY DISTRIBUTION PANEL
EDP4B4	LB	ES5B1	480Y/277, 3 PHASE, 4 WIRE	102.10	115.61	EMERGENCY DISTRIBUTION PANEL
EDP4B5	LB	ES5B1	480Y/277, 3 PHASE, 4 WIRE	403.81	411.61	EMERGENCY DISTRIBUTION PANEL
EDP4B6	LB	ES5B2	480Y/277, 3 PHASE, 4 WIRE	384.27	416.69	EMERGENCY DISTRIBUTION PANEL
EDP4B7	LB	ES5B2	480Y/277, 3 PHASE, 4 WIRE	211.76	237.74	EMERGENCY DISTRIBUTION PANEL
EDP4B8	LB	ES5B2	480Y/277, 3 PHASE, 4 WIRE	134.68	154.64	EMERGENCY DISTRIBUTION PANEL
EDP4B9	LB	ES5B2	480Y/277, 3 PHASE, 4 WIRE	164.80	166.00	EMERGENCY DISTRIBUTION PANEL
EQ4B1	LB	EDP4B1	480Y/277, 3 PHASE, 4 WIRE	33.50	33.50	EMERGENCY EQUIPMENT + MECH
EQ4B2	LB	EDP4B9	480Y/277, 3 PHASE, 4 WIRE	0.00	0.00	EMERGENCY EQUIPMENT + MECH
EQ4B4	LB	EDP4B9	480Y/277, 3 PHASE, 4 WIRE	0.00	0.00	EMERGENCY EQUIPMENT + MECH
EDP2B1	LB	ETXB1	208Y/120, 3 PHASE, 4 WIRE	3.06	3.06	EMERGENCY DISTRIBUTION PANEL
EDP2B2	LB	ETXB2	208Y/120, 3 PHASE, 4 WIRE	64.52	64.17	EMERGENCY DISTRIBUTION PANEL

EDP2B3	LB	ETXB3	208Y/120, 3 PHASE, 4 WIRE	2.88	3.60	EMERGENCY DISTRIBUTION PANEL
ERP2B1	LB	EDP2B1	208Y/120, 3 PHASE, 4 WIRE	0.00	0.00	EMERGENCY RECEPTACLE + SMALL LOADS
ERP2B2	LB	EDP2B2	208Y/120, 3 PHASE, 4 WIRE	14.52	14.17	EMERGENCY RECEPTACLE + SMALL LOADS
ELAB2B1	LB	EDP2B1	208Y/120, 3 PHASE, 4 WIRE	0.00	0.00	EMERGENCY LAB MODULE PANEL
ELAB2B2	LB	EDP2B1	208Y/120, 3 PHASE, 4 WIRE	0.00	0.00	EMERGENCY LAB MODULE PANEL
ELAB2B3	LB	EDP2B1	208Y/120, 3 PHASE, 4 WIRE	3.06	3.06	EMERGENCY LAB MODULE PANEL
ELAB2B4	LB	EDP2B3	208Y/120, 3 PHASE, 4 WIRE	0.00	0.00	EMERGENCY LAB MODULE PANEL
ELAB2B5	LB	EDP2B3	208Y/120, 3 PHASE, 4 WIRE	2.88	3.60	EMERGENCY LAB MODULE PANEL
EB2B1	LB	50 KVA UPS	208Y/120, 3 PHASE, 4 WIRE	12.50	12.25	EMERGENCY BAS PANEL
EB2B2	LB	EB2B1	208Y/120, 3 PHASE, 4 WIRE	3.00	3.00	EMERGENCY BAS PANEL
EB2B3	LB	EB2B1	208Y/120, 3 PHASE, 4 WIRE	9.50	9.50	EMERGENCY BAS PANEL
ELQ4B1	LB	ELDP4P1	480Y/277, 3 PHASE, 4 WIRE	27.26	29.55	LIFE SAFETY EQUIPMENT PANEL
ELRP2B1	LB	ELTXB1	208Y/120, 3 PHASE, 4 WIRE	8.40	8.88	LIFE SAFETY RECEPTACLE + SMALL LOADS
ELLP4B1	LB	ELDP451	480Y/277, 3 PHASE, 4 WIRE	10.44	13.06	LIFE SAFETY LIGHTING PANEL
ELDP2B1	LB	ELTXB2	208Y/120, 3 PHASE, 4 WIRE	218.44	114.94	LIFE SAFETY DISTRIBUTION PANEL
ELIT2B1	LB	ELDP2B1	208Y/120, 3 PHASE, 4 WIRE	64.46	37.23	LIFE SAFETY COMMUNICATION PANEL
DP211	LV 1	NTX11	208Y/120, 3 PHASE, 4 WIRE	98.68	60.60	DISTRIBUTION PANEL
DP212	LV 1	NTX12	208Y/120, 3 PHASE, 4 WIRE	21.06	15.78	DISTRIBUTION PANEL
LP411	LV 1	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	17.10	21.38	LIGHTING PANEL
LP412	LV 1	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	13.31	16.64	LIGHTING PANEL
Q411	LV 1	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	24.50	24.90	EQUIPMENT PANEL
Q412	LV 1	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	52.26	55.17	EQUIPMENT PANEL
LAB211	LV 1	DP211	208Y/120, 3 PHASE, 4 WIRE	27.50	18.75	LAB MODULE PANEL
LAB212	LV 1	DP211	208Y/120, 3 PHASE, 4 WIRE	19.42	14.71	LAB MODULE PANEL
LAB213	LV 1	DP211	208Y/120, 3 PHASE, 4 WIRE	14.52	12.26	LAB MODULE PANEL
LAB214	LV 1	EXT12	208Y/120, 3 PHASE, 4 WIRE	15.04	12.52	LAB MODULE PANEL
LAB215	LV 1	DP212	208Y/120, 3 PHASE, 4 WIRE	0.00	0.00	LAB MODULE PANEL
RP211	LV 1	DP211	208Y/120, 3 PHASE, 4 WIRE	37.24	29.88	RECEPTACLE + SMALL LOADS
RP212	LV 1	DP212	208Y/120, 3 PHASE, 4 WIRE	21.06	15.78	RECEPTACLE + SMALL LOADS
EDP211	LV 1	ETX11	208Y/120, 3 PHASE, 4 WIRE	58.32	37.46	EMERGENCY DISTRIBUTION PANEL
EDP212	LV 1	ETX12	208Y/120, 3 PHASE, 4 WIRE	30.56	23.58	EMERGENCY DISTRIBUTION PANEL
EQ411	LV 1	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	22.72	24.30	EMERGENCY EQUIPMENT PANEL
ELAB211	LV 1	EDP211	208Y/120, 3 PHASE, 4 WIRE	17.68	13.84	EMERGENCY LAB MODULE PANEL
ELAB212	LV 1	EDP211	208Y/120, 3 PHASE, 4 WIRE	17.32	13.66	EMERGENCY LAB MODULE PANEL
ELAB213	LV 1	EDP211	208Y/120, 3 PHASE, 4 WIRE	23.32	19.96	EMERGENCY LAB MODULE PANEL
ELAB214	LV 1	EDP212	208Y/120, 3 PHASE, 4 WIRE	10.18	10.18	EMERGENCY LAB MODULE PANEL
ELAB215	LV 1	EDP212	208Y/120, 3 PHASE, 4 WIRE	10.98	10.49	EMERGENCY LAB MODULE PANEL
ELAB216	LV 1	EDP212	208Y/120, 3 PHASE, 4 WIRE	9.40	9.40	EMERGENCY LAB MODULE PANEL
ELLP411	LV 1	ELDP451	480Y/277, 3 PHASE, 4 WIRE	7.51	9.38	LIFE SAFETY LIGHTING PANEL

ELIT211	LV 1	ELDP2B1	208Y/120, 3 PHASE, 4 WIRE	39.62	24.99	LIFE SAFETY COMMUNICATION PANEL
ELF211	LV 1	ELTX11	208Y/120, 3 PHASE, 4 WIRE	13.96	12.88	LIFE SAFETY PANEL
DP221	LV 2	NTX21	208Y/120, 3 PHASE, 4 WIRE	115.32	62.66	DISTRIBUTION PANEL
DP222	LV 2	NTX22	208Y/120, 3 PHASE, 4 WIRE	69.08	39.97	DISTRIBUTION PANEL
LP421	LV 2	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	13.41	16.76	LIGHTING PANEL
LP422	LV 2	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	7.19	8.99	LIGHTING PANEL
Q421	LV 2	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	47.60	48.00	EQUIPMENT PANEL
Q422	LV 2	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	19.60	20.00	EQUIPMENT PANEL
LAB221	LV 2	DP221	208Y/120, 3 PHASE, 4 WIRE	26.70	18.35	LAB MODULE PANEL
LAB222	LV 2	DP221	208Y/120, 3 PHASE, 4 WIRE	31.36	20.68	LAB MODULE PANEL
LAB223	LV 2	DP221	208Y/120, 3 PHASE, 4 WIRE	31.06	20.53	LAB MODULE PANEL
LAB224	LV 2	DP222	208Y/120, 3 PHASE, 4 WIRE	11.54	10.77	LAB MODULE PANEL
LAB225	LV 2	DP22	208Y/120, 3 PHASE, 4 WIRE	0.00	0.00	LAB MODULE PANEL
LAB226	LV 2	DP222	208Y/120, 3 PHASE, 4 WIRE	22.26	16.13	LAB MODULE PANEL
RP221	LV 2	DP221	208Y/120, 3 PHASE, 4 WIRE	26.20	18.10	RECEPTACLE + SMALL LOADS
RP222	LV 2	DP222	208Y/120, 3 PHASE, 4 WIRE	35.28	23.07	RECEPTACLE + SMALL LOADS
EB221	LV 2	EB2B1	208Y/120, 3 PHASE, 4 WIRE	0.00	0.00	EMERGENCY BAS PANEL
EDP221	LV 2	ETX21	208Y/120, 3 PHASE, 4 WIRE	14.74	12.37	EMERGENCY DISTRIBUTION PANEL
EDP222	LV 2	ETX22	208Y/120, 3 PHASE, 4 WIRE	26.20	21.40	EMERGENCY DISTRIBUTION PANEL
EQ421	LV 2	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	6.32	7.90	EMERGENCY EQUIPMENT + MECH
ELAB221	LV 2	EDP221	208Y/120, 3 PHASE, 4 WIRE	9.44	9.44	EMERGENCY LAB MODULE PANEL
ELAB222	LV 2	EDP221	208Y/120, 3 PHASE, 4 WIRE	3.72	3.72	EMERGENCY LAB MODULE PANEL
ELAB223	LV 2	EDP221	208Y/120, 3 PHASE, 4 WIRE	1.58	1.58	EMERGENCY LAB MODULE PANEL
ELAB224	LV 2	EDP222	208Y/120, 3 PHASE, 4 WIRE	4.66	4.66	EMERGENCY LAB MODULE PANEL
ELAB225	LV 2	EDP222	208Y/120, 3 PHASE, 4 WIRE	12.18	12.18	EMERGENCY LAB MODULE PANEL
ELAB226	LV 2	EDP222	208Y/120, 3 PHASE, 4 WIRE	9.36	9.36	EMERGENCY LAB MODULE PANEL
ELLP421	LV 2	ELDP451	480Y/277, 3 PHASE, 4 WIRE	3.46	4.32	LIFE SAFETY LIGHTING PANEL
ELIT221	LV 2	ELDP2B1	208Y/120, 3 PHASE, 4 WIRE	38.12	24.24	LIFE SAFETY COMMUNICATION PANEL
DP231	LV 3	NTX31	208Y/120, 3 PHASE, 4 WIRE	127.10	68.55	DISTRIBUTION PANEL
DP232	LV 3	NTX32	208Y/120, 3 PHASE, 4 WIRE	80.30	45.58	DISTRIBUTION PANEL
LP431	LV 3	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	17.25	21.56	LIGHTING PANEL
LP432	LV 3	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	9.24	11.55	LIGHTING PANEL
Q431	LV 3	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	42.00	42.40	EQUIPMENT PANEL
Q432	LV 3	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	20.00	20.40	EQUIPMENT PANEL
LAB231	LV 3	DP231	208Y/120, 3 PHASE, 4 WIRE	32.06	21.03	LAB MODULE PANEL
LAB232	LV 3	DP231	208Y/120, 3 PHASE, 4 WIRE	37.36	23.68	LAB MODULE PANEL
LAB233	LV 3	DP231	208Y/120, 3 PHASE, 4 WIRE	21.28	15.64	LAB MODULE PANEL
LAB234	LV 3	DP232	208Y/120, 3 PHASE, 4 WIRE	22.52	16.26	LAB MODULE PANEL
LAB235	LV 3	DP232	208Y/120, 3 PHASE, 4 WIRE	27.84	18.92	LAB MODULE PANEL

LAB236	LV 3	DP232	208Y/120, 3 PHASE, 4 WIRE	0.00	0.00	LAB MODULE PANEL
RP231	LV 3	DP231	208Y/120, 3 PHASE, 4 WIRE	36.40	23.20	RECEPTACLE + SMALL LOADS
RP232	LV 3	DP232	208Y/120, 3 PHASE, 4 WIRE	29.94	20.40	RECEPTACLE + SMALL LOADS
EQ431	LV 3	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	6.32	7.90	EMERGENCY EQUIPMENT + MECH
EDP231	LV 3	ETX31	208Y/120, 3 PHASE, 4 WIRE	36.66	23.33	EMERGENCY DISTRIBUTION PANEL
EDP232	LV 3	ETX32	208Y/120, 3 PHASE, 4 WIRE	44.26	30.43	EMERGENCY DISTRIBUTION PANEL
ELAB231	LV 3	EDP231	208Y/120, 3 PHASE, 4 WIRE	15.10	12.55	EMERGENCY LAB MODULE PANEL
ELAB232	LV 3	EDP231	208Y/120, 3 PHASE, 4 WIRE	11.50	10.75	EMERGENCY LAB MODULE PANEL
ELAB233	LV 3	EDP231	208Y/120, 3 PHASE, 4 WIRE	10.06	10.03	EMERGENCY LAB MODULE PANEL
ELAB234	LV 3	EDP231	208Y/120, 3 PHASE, 4 WIRE	17.82	17.21	EMERGENCY LAB MODULE PANEL
ELAB235	LV 3	EDP232	208Y/120, 3 PHASE, 4 WIRE	11.98	10.99	EMERGENCY LAB MODULE PANEL
ELAB236	LV 3	EDP232	208Y/120, 3 PHASE, 4 WIRE	14.46	12.23	EMERGENCY LAB MODULE PANEL
ELLP431	LV 3	ELDP451	480Y/277, 3 PHASE, 4 WIRE	5.70	7.12	LIFE SAFETY LIGHTING PANEL
ELIT231	LV 3	ELDP2B1	208Y/120, 3 PHASE, 4 WIRE	38.12	24.24	LIFE SAFETY COMMUNICATION PANEL
DP241	LV 4	NTX41	208Y/120, 3 PHASE, 4 WIRE	118.44	64.22	DISTRIBUTION PANEL
DP242	LV 4	NTX42	208Y/120, 3 PHASE, 4 WIRE	110.12	60.49	DISTRIBUTION PANEL
LP441	LV 4	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	16.99	21.24	LIGHTING PANEL
LP442	LV 4	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	9.94	12.43	LIGHTING PANEL
Q441	LV 4	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	47.60	48.00	EQUIPMENT PANEL
Q442	LV 4	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	21.60	22.00	EQUIPMENT PANEL
LAB241	LV 4	DP241	208Y/120, 3 PHASE, 4 WIRE	32.04	21.02	LAB MODULE PANEL
LAB242	LV 4	DP241	208Y/120, 3 PHASE, 4 WIRE	37.96	23.98	LAB MODULE PANEL
LAB243	LV 4	DP241	208Y/120, 3 PHASE, 4 WIRE	20.26	15.13	LAB MODULE PANEL
LAB244	LV 4	DP242	208Y/120, 3 PHASE, 4 WIRE	27.08	18.54	LAB MODULE PANEL
LAB245	LV 4	DP242	208Y/120, 3 PHASE, 4 WIRE	30.40	20.20	LAB MODULE PANEL
LAB246	LV 4	DP242	208Y/120, 3 PHASE, 4 WIRE	30.38	20.19	LAB MODULE PANEL
RP241	LV 4	DP241	208Y/120, 3 PHASE, 4 WIRE	28.18	19.09	RECEPTACLE + SMALL LOADS
RP242	LV 4	DP242	208Y/120, 3 PHASE, 4 WIRE	22.26	16.56	RECEPTACLE + SMALL LOADS
EDP241	LV 4	ETX41	208Y/120, 3 PHASE, 4 WIRE	53.36	31.68	EMERGENCY DISTRIBUTION PANEL
EDP242	LV 4	ETX42	208Y/120, 3 PHASE, 4 WIRE	54.36	38.78	EMERGENCY DISTRIBUTION PANEL
EQ441	LV 4	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	12.64	14.22	EMERGENCY EQUIPMENT + MECH
ELAB241	LV 4	EDP241	208Y/120, 3 PHASE, 4 WIRE	19.28	14.64	EMERGENCY LAB MODULE PANEL
ELAB242	LV 4	EDP241	208Y/120, 3 PHASE, 4 WIRE	15.58	12.79	EMERGENCY LAB MODULE PANEL
ELAB243	LV 4	EDP241	208Y/120, 3 PHASE, 4 WIRE	18.50	14.25	EMERGENCY LAB MODULE PANEL
ELAB244	LV 4	EDP242	208Y/120, 3 PHASE, 4 WIRE	22.24	19.42	EMERGENCY LAB MODULE PANEL
ELAB245	LV 4	EDP242	208Y/120, 3 PHASE, 4 WIRE	19.66	18.13	EMERGENCY LAB MODULE PANEL
ELAB246	LV 4	EDP242	208Y/120, 3 PHASE, 4 WIRE	12.46	11.23	EMERGENCY LAB MODULE PANEL
ELLP441	LV 4	ELDP451	480Y/277, 3 PHASE, 4 WIRE	6.06	7.58	LIFE SAFETY LIGHTING PANEL
ELIT241	LV 4	ELDP2B1	208Y/120, 3 PHASE, 4 WIRE	38.12	24.24	LIFE SAFETY COMMUNICATION PANEL

ELF241	LV 4	ELTX41	208Y/120, 3 PHASE, 4 WIRE	3.00	3.00	LIFE SAFETY PANEL
DP251	LV 5	NTX51	208Y/120, 3 PHASE, 4 WIRE	2.64	2.77	DISTRIBUTION PANEL
DP252	LV 5	NTX52	208Y/120, 3 PHASE, 4 WIRE	2.08	2.22	DISTRIBUTION PANEL
LP451	LV 5	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	2.71	3.39	LIGHTING PANEL
LP452	LV 5	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	1.26	1.57	LIGHTING PANEL
Q451	LV 5	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	0.00	0.00	EQUIPMENT PANEL
Q452	LV 5	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	0.00	0.00	EQUIPMENT PANEL
RP251	LV 5	DP251	208Y/120, 3 PHASE, 4 WIRE	2.64	2.77	RECEPTACLE + SMALL LOADS
RP252	LV 5	DP252	208Y/120, 3 PHASE, 4 WIRE	2.08	2.22	RECEPTACLE + SMALL LOADS
EDP251	LV 5	ETX51	208Y/120, 3 PHASE, 4 WIRE	1.08	1.08	EMERGENCY DISTRIBUTION PANEL
EDP252	LV 5	ETX52	208Y/120, 3 PHASE, 4 WIRE	0.00	0.00	EMERGENCY DISTRIBUTION PANEL
EQ451	LV 5	BUSWAY	208Y/120, 3 PHASE, 4 WIRE	0.00	0.00	EMERGENCY EQUIPMENT + MECH
EB251	LV 5	EB2P1	208Y/120, 3 PHASE, 4 WIRE	0.00	0.00	EMERGENCY BAS PANEL
ELAB251	LV 5	EDP251	208Y/120, 3 PHASE, 4 WIRE	1.08	1.08	EMERGENCY LAB MODULE PANEL
ELLP451	LV 5	ELDP451	480Y/277, 3 PHASE, 4 WIRE	2.55	3.18	LIFE SAFETY LIGHTING PANEL
ELIT251	LV 5	ELDP2P1	208Y/120, 3 PHASE, 4 WIRE	38.12	24.24	LIFE SAFETY COMMUNICATION PANEL
ELDP451	LV 5	ATS-1	480Y/277, 3 PHASE, 4 WIRE	85.61	93.42	LIFE SAFETY DISTRIBUTION PANEL
ELDP452	LV 5	ELDP451	480Y/277, 3 PHASE, 4 WIRE	27.04	20.20	LIFE SAFETY DISTRIBUTION PANEL
DP261	LV 6	NTX61	208Y/120, 3 PHASE, 4 WIRE	2.11	2.24	DISTRIBUTION PANEL
DP262	LV 6	NTX62	208Y/120, 3 PHASE, 4 WIRE	2.30	2.44	DISTRIBUTION PANEL
LP461	LV 6	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	2.78	3.47	LIGHTING PANEL
LP462	LV 6	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	0.92	1.15	LIGHTING PANEL
Q461	LV 6	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	0.00	0.00	EQUIPMENT PANEL
Q462	LV 6	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	0.00	0.00	EQUIPMENT PANEL
RP261	LV 6	DP261	208Y/120, 3 PHASE, 4 WIRE	2.11	2.24	RECEPTACLE + SMALL LOADS
RP262	LV 6	DP262	208Y/120, 3 PHASE, 4 WIRE	2.30	2.44	RECEPTACLE + SMALL LOADS
EDP261	LV 6	ETX61	208Y/120, 3 PHASE, 4 WIRE	1.08	1.08	EMERGENCY DISTRIBUTION PANEL
EDP262	LV 6	ETX62	208Y/120, 3 PHASE, 4 WIRE	0.00	0.00	EMERGENCY DISTRIBUTION PANEL
EQ461	LV 6	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	0.00	0.00	EMERGENCY EQUIPMENT + MECH
ELAB261	LV 6	EDP261	208Y/120, 3 PHASE, 4 WIRE	1.08	1.08	EMERGENCY LAB MODULE PANEL
ELLP461	LV 6	ELDP451	480Y/277, 3 PHASE, 4 WIRE	2.21	2.76	LIFE SAFETY LIGHTING PANEL
ELQ461	LV 6	ELDP4P1	480Y/277, 3 PHASE, 4 WIRE	36.58	38.87	LIFE SAFETY EQUIPMENT PANEL
ELIT261	LV 6	ELDP2P1	208Y/120, 3 PHASE, 4 WIRE	38.12	24.24	LIFE SAFETY COMMUNICATION PANEL
DP271	LV 7	NTX71	208Y/120, 3 PHASE, 4 WIRE	114.80	62.40	DISTRIBUTION PANEL
DP272	LV 7	NTX72	208Y/120, 3 PHASE, 4 WIRE	115.80	63.33	DISTRIBUTION PANEL
LP471	LV 7	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	14.82	18.53	LIGHTING PANEL
LP472	LV 7	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	8.73	10.91	LIGHTING PANEL
Q471	LV 7	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	29.60	30.00	EQUIPMENT PANEL
Q472	LV 7	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	24.40	24.80	EQUIPMENT PANEL

LAB271	LV 7	DP271	208Y/120, 3 PHASE, 4 WIRE	35.44	22.72	LAB MODULE PANEL
LAB272	LV 7	DP271	208Y/120, 3 PHASE, 4 WIRE	34.06	22.03	LAB MODULE PANEL
LAB273	LV 7	DP271	208Y/120, 3 PHASE, 4 WIRE	30.64	20.32	LAB MODULE PANEL
LAB274	LV 7	DP272	208Y/120, 3 PHASE, 4 WIRE	26.36	18.18	LAB MODULE PANEL
LAB275	LV 7	DP272	208Y/120, 3 PHASE, 4 WIRE	28.94	19.47	LAB MODULE PANEL
LAB276	LV 7	DP272	208Y/120, 3 PHASE, 4 WIRE	42.28	26.14	LAB MODULE PANEL
RP271	LV 7	DP271	208Y/120, 3 PHASE, 4 WIRE	14.66	12.33	RECEPTACLE + SMALL LOADS
RP272	LV 7	DP272	208Y/120, 3 PHASE, 4 WIRE	18.22	14.54	RECEPTACLE + SMALL LOADS
EDP271	LV 7	ETX71	208Y/120, 3 PHASE, 4 WIRE	34.32	22.16	EMERGENCY DISTRIBUTION PANEL
EDP272	LV 7	ETX72	208Y/120, 3 PHASE, 4 WIRE	31.12	24.26	EMERGENCY DISTRIBUTION PANEL
EQ471	LV 7	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	6.32	7.90	EMERGENCY EQUIPMENT + MECH
ELAB271	LV 7	EDP271	208Y/120, 3 PHASE, 4 WIRE	12.84	11.42	EMERGENCY LAB MODULE PANEL
ELAB272	LV 7	EDP271	208Y/120, 3 PHASE, 4 WIRE	10.40	10.20	EMERGENCY LAB MODULE PANEL
ELAB273	LV 7	EDP271	208Y/120, 3 PHASE, 4 WIRE	11.08	10.54	EMERGENCY LAB MODULE PANEL
ELAB274	LV 7	EDP272	208Y/120, 3 PHASE, 4 WIRE	14.56	14.56	EMERGENCY LAB MODULE PANEL
ELAB275	LV 7	EDP272	208Y/120, 3 PHASE, 4 WIRE	4.66	4.66	EMERGENCY LAB MODULE PANEL
ELAB276	LV 7	EDP272	208Y/120, 3 PHASE, 4 WIRE	11.90	11.20	EMERGENCY LAB MODULE PANEL
ELLP471	LV 7	ELDP451	480Y/277, 3 PHASE, 4 WIRE	3.82	4.77	LIFE SAFETY LIGHTING PANEL
ELIT271	LV 7	ELDP2P1	208Y/120, 3 PHASE, 4 WIRE	38.12	24.24	LIFE SAFETY COMMUNICATION PANEL
ELF271	LV 7	ELTX71	208Y/120, 3 PHASE, 4 WIRE	3.00	3.00	LIFE SAFETY PANEL
DP281	LV 8	NTX81	208Y/120, 3 PHASE, 4 WIRE	114.20	62.10	DISTRIBUTION PANEL
DP282	LV 8	NTX82	208Y/120, 3 PHASE, 4 WIRE	104.72	57.79	DISTRIBUTION PANEL
LP481	LV 8	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	15.14	18.93	LIGHTING PANEL
LP482	LV 8	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	8.94	11.18	LIGHTING PANEL
Q481	LV 8	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	32.80	33.20	EQUIPMENT PANEL
Q482	LV 8	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	29.20	29.60	EQUIPMENT PANEL
LAB281	LV 8	DP281	208Y/120, 3 PHASE, 4 WIRE	34.00	22.00	LAB MODULE PANEL
LAB282	LV 8	DP281	208Y/120, 3 PHASE, 4 WIRE	32.62	21.31	LAB MODULE PANEL
LAB283	LV 8	DP281	208Y/120, 3 PHASE, 4 WIRE	30.64	20.32	LAB MODULE PANEL
LAB284	LV 8	DP282	208Y/120, 3 PHASE, 4 WIRE	26.00	18.00	LAB MODULE PANEL
LAB285	LV 8	DP282	208Y/120, 3 PHASE, 4 WIRE	23.18	16.59	LAB MODULE PANEL
LAB286	LV 8	DP282	208Y/120, 3 PHASE, 4 WIRE	38.32	24.16	LAB MODULE PANEL
RP281	LV 8	DP281	208Y/120, 3 PHASE, 4 WIRE	16.94	13.47	RECEPTACLE + SMALL LOADS
RP282	LV 8	DP282	208Y/120, 3 PHASE, 4 WIRE	17.22	14.04	RECEPTACLE + SMALL LOADS
EDP281	LV 8	ETX81	208Y/120, 3 PHASE, 4 WIRE	34.32	22.16	EMERGENCY DISTRIBUTION PANEL
EDP282	LV 8	ETX82	208Y/120, 3 PHASE, 4 WIRE	25.94	18.22	EMERGENCY DISTRIBUTION PANEL
EQ481	LV 8	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	6.32	7.90	EMERGENCY EQUIPMENT + MECH
ELAB281	LV 8	EDP281	208Y/120, 3 PHASE, 4 WIRE	12.84	11.42	EMERGENCY LAB MODULE PANEL
ELAB282	LV 8	EDP281	208Y/120, 3 PHASE, 4 WIRE	10.22	10.11	EMERGENCY LAB MODULE PANEL

ELAB283	LV 8	EDP281	208Y/120, 3 PHASE, 4 WIRE	11.26	10.63	EMERGENCY LAB MODULE PANEL
ELAB284	LV 8	EDP282	208Y/120, 3 PHASE, 4 WIRE	9.02	9.02	EMERGENCY LAB MODULE PANEL
ELAB285	LV 8	EDP282	208Y/120, 3 PHASE, 4 WIRE	4.66	4.66	EMERGENCY LAB MODULE PANEL
ELAB286	LV 8	EDP282	208Y/120, 3 PHASE, 4 WIRE	12.26	11.13	EMERGENCY LAB MODULE PANEL
EB281	LV 8	EB2P1	208Y/120, 3 PHASE, 4 WIRE	0.00	0.00	EMERGENCY BAS PANEL
ELLP481	LV 8	ELDP451	480Y/277, 3 PHASE, 4 WIRE	3.48	4.35	LIFE SAFETY LIGHTING PANEL
ELIT281	LV 8	ELDP2P1	208Y/120, 3 PHASE, 4 WIRE	38.12	24.24	LIFE SAFETY COMMUNICATION PANEL
DP291	LV 9	NTX91	208Y/120, 3 PHASE, 4 WIRE	111.32	60.66	DISTRIBUTION PANEL
DP292	LV 9	NTX92	208Y/120, 3 PHASE, 4 WIRE	104.48	57.94	DISTRIBUTION PANEL
LP491	LV 9	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	15.07	18.83	LIGHTING PANEL
LP492	LV 9	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	8.67	10.83	LIGHTING PANEL
Q491	LV 9	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	30.80	31.20	EQUIPMENT PANEL
Q492	LV 9	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	27.20	27.60	EQUIPMENT PANEL
LAB291	LV 9	DP291	208Y/120, 3 PHASE, 4 WIRE	34.00	22.00	LAB MODULE PANEL
LAB292	LV 9	DP291	208Y/120, 3 PHASE, 4 WIRE	32.98	21.49	LAB MODULE PANEL
LAB293	LV 9	DP291	208Y/120, 3 PHASE, 4 WIRE	30.64	20.32	LAB MODULE PANEL
LAB294	LV 9	DP292	208Y/120, 3 PHASE, 4 WIRE	26.00	18.00	LAB MODULE PANEL
LAB295	LV 9	DP292	208Y/120, 3 PHASE, 4 WIRE	22.82	16.41	LAB MODULE PANEL
LAB296	LV 9	DP292	208Y/120, 3 PHASE, 4 WIRE	38.54	24.27	LAB MODULE PANEL
RP291	LV 9	DP291	208Y/120, 3 PHASE, 4 WIRE	13.70	11.85	RECEPTACLE + SMALL LOADS
RP292	LV 9	DP292	208Y/120, 3 PHASE, 4 WIRE	17.12	14.26	RECEPTACLE + SMALL LOADS
EDP291	LV 9	ETX91	208Y/120, 3 PHASE, 4 WIRE	33.68	21.84	EMERGENCY DISTRIBUTION PANEL
EDP292	LV 9	ETX92	208Y/120, 3 PHASE, 4 WIRE	25.72	18.61	EMERGENCY DISTRIBUTION PANEL
EQ491	LV 9	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	6.32	7.90	EMERGENCY EQUIPMENT + MECH
ELAB291	LV 9	EDP291	208Y/120, 3 PHASE, 4 WIRE	12.20	11.10	EMERGENCY LAB MODULE PANEL
ELAB292	LV 9	EDP291	208Y/120, 3 PHASE, 4 WIRE	10.40	10.20	EMERGENCY LAB MODULE PANEL
ELAB293	LV 9	EDP291	208Y/120, 3 PHASE, 4 WIRE	11.08	10.54	EMERGENCY LAB MODULE PANEL
ELAB294	LV 9	EDP292	208Y/120, 3 PHASE, 4 WIRE	8.66	8.66	EMERGENCY LAB MODULE PANEL
ELAB295	LV 9	EDP292	208Y/120, 3 PHASE, 4 WIRE	4.66	4.66	EMERGENCY LAB MODULE PANEL
ELAB296	LV 9	EDP292	208Y/120, 3 PHASE, 4 WIRE	12.40	11.45	EMERGENCY LAB MODULE PANEL
ELLP491	LV 9	ELDP451	480Y/277, 3 PHASE, 4 WIRE	3.66	4.57	LIFE SAFETY LIGHTING PANEL
ELIT291	LV 9	ELDP2P1	208Y/120, 3 PHASE, 4 WIRE	38.12	24.24	LIFE SAFETY COMMUNICATION PANEL
DP2101	LV 10	NTX101	208Y/120, 3 PHASE, 4 WIRE	34.83	22.64	DISTRIBUTION PANEL
DP2102	LV 10	NTX102	208Y/120, 3 PHASE, 4 WIRE	22.10	16.30	DISTRIBUTION PANEL
LP4101	LV 10	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	20.73	25.91	LIGHTING PANEL
LP4102	LV 10	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	24.16	30.20	LIGHTING PANEL
Q4101	LV 10	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	0.00	0.00	EQUIPMENT PANEL
DP4101	LV 10	600 FRAME	480Y/277, 3 PHASE, 4 WIRE	354.30	348.50	DISTRIBUTION PANEL
LAB2101	LV 10	DP2101	208Y/120, 3 PHASE, 4 WIRE	9.74	9.74	LAB MODULE PANEL



LAB2102	LV 10	DP2101	208Y/120, 3 PHASE, 4 WIRE	8.01	8.01	LAB MODULE PANEL
LAB2103	LV 10	DP2102	208Y/120, 3 PHASE, 4 WIRE	0.00	0.00	LAB MODULE PANEL
LAB2104	LV 10	DP2102	208Y/120, 3 PHASE, 4 WIRE	5.54	5.54	LAB MODULE PANEL
RP2101	LV 10	DP2101	208Y/120, 3 PHASE, 4 WIRE	17.08	13.64	RECEPTACLE + SMALL LOADS
RP2102	LV 10	DP2102	208Y/120, 3 PHASE, 4 WIRE	16.56	13.53	RECEPTACLE + SMALL LOADS
EDP2101	LV 10	ETX101	208Y/120, 3 PHASE, 4 WIRE	44.96	27.48	EMERGENCY DISTRIBUTION PANEL
EDP2102	LV 10	ETX102	208Y/120, 3 PHASE, 4 WIRE	11.52	10.76	EMERGENCY DISTRIBUTION PANEL
EQ4101	LV 10	BUSWAY	480Y/277, 3 PHASE, 4 WIRE	0.00	0.00	EMERGENCY EQUIPMENT + MECH
ELAB2101	LV 10	EDP2101	208Y/120, 3 PHASE, 4 WIRE	12.92	11.46	EMERGENCY LAB MODULE PANEL (2 SECTION)
ELAB2102	LV 10	EDP2101	208Y/120, 3 PHASE, 4 WIRE	14.58	12.29	EMERGENCY LAB MODULE PANEL (2 SECTION)
ELAB2103	LV 10	EDP2101	208Y/120, 3 PHASE, 4 WIRE	17.46	13.73	EMERGENCY LAB MODULE PANEL (2 SECTION)
ELAB2104	LV 10	EDP2102	208Y/120, 3 PHASE, 4 WIRE	4.28	4.28	EMERGENCY LAB MODULE PANEL (2 SECTION)
ELAB2105	LV 10	EDP2102	208Y/120, 3 PHASE, 4 WIRE	0.00	0.00	EMERGENCY LAB MODULE PANEL (2 SECTION)
ELAB2106	LV 10	EDP2102	208Y/120, 3 PHASE, 4 WIRE	7.24	7.24	EMERGENCY LAB MODULE PANEL (2 SECTION)
ELLP4101	LV 10	ELDP451	480Y/277, 3 PHASE, 4 WIRE	9.70	12.12	LIFE SAFETY LIGHTING PANEL
ELIT2101	LV 10	ELDP2P1	208Y/120, 3 PHASE, 4 WIRE	38.12	24.24	LIFE SAFETY COMMUNICATION PANEL
ELF2101	LV 10	ELTX101	208Y/120, 3 PHASE, 4 WIRE	3.00	3.25	LIFE SAFETY PANEL
ES5P1	LV LP	E/NG5B1	480Y/277, 3 PHASE, 4 WIRE	3273.32	3123.02	SWITCHGEAR
ES5P2	LV LP	E/NG5B1	480Y/277, 3 PHASE, 4 WIRE	1725.05	1078.18	SWITCHGEAR
ELG4P1	LV LP	GEN -1	480Y/277, 3 PHASE, 4 WIRE	1120.39	940.57	LIFE SAFETY SWITCHGEAR
EDP4P1	LV LP	ES5P1	480Y/277, 3 PHASE, 4 WIRE	385.00	388.35	EMERGENCY DISTRIBUTION PANEL
EDP4P2	LV LP	ES5P1	480Y/277, 3 PHASE, 4 WIRE	372.81	374.04	EMERGENCY DISTRIBUTION PANEL
EDP4P3	LV LP	ES5P1	480Y/277, 3 PHASE, 4 WIRE	459.35	412.05	EMERGENCY DISTRIBUTION PANEL
EDP4P4	LV LP	ES5P1	480Y/277, 3 PHASE, 4 WIRE	574.74	600.72	EMERGENCY DISTRIBUTION PANEL
EDP4P5	LV LP	ES5P1	480Y/277, 3 PHASE, 4 WIRE	584.13	610.11	EMERGENCY DISTRIBUTION PANEL
EDP4P6	LV LP	ES5P1	480Y/277, 3 PHASE, 4 WIRE	335.60	351.61	EMERGENCY DISTRIBUTION PANEL
EDP4P7	LV LP	ES5P1	480Y/277, 3 PHASE, 4 WIRE	561.68	587.66	EMERGENCY DISTRIBUTION PANEL
EDP2P1	LV LP	ETXP1	208Y/120, 3 PHASE, 4 WIRE	92.17	76.57	EMERGENCY DISTRIBUTION PANEL
ERP2P1	LV LP	EDP2P1	208Y/120, 3 PHASE, 4 WIRE	25.35	18.07	EMERGENCY RECEPTACLE + SMALL LOADS
ERP2P2	LV LP	EDP2P1	208Y/120, 3 PHASE, 4 WIRE	16.82	13.50	EMERGENCY RECEPTACLE + SMALL LOADS
EB2P1	LV LP	50 KVA UPS	208Y/120, 3 PHASE, 4 WIRE	15.50	12.75	EMERGENCY BAS PANEL
EB2P2	LV LP	EB2P1	208Y/120, 3 PHASE, 4 WIRE	5.50	5.50	EMERGENCY BAS PANEL
EB2P3	LV LP	EB2P1	208Y/120, 3 PHASE, 4 WIRE	10.00	10.00	EMERGENCY BAS PANEL
LP4P1	LV LP	EDP4P1	480Y/277, 3 PHASE, 4 WIRE	12.28	15.35	LIGHTING PANEL
ELF2P1	LV LP	ELTXP1	208Y/120, 3 PHASE, 4 WIRE	4.08	4.08	LIFE SAFETY PANEL
ELDP4P1	LV LP	ATS-4	480Y/277, 3 PHASE, 4 WIRE	98.76	101.67	LIFE SAFETY DISTRIBUTION PANEL
ELDP4P2	LV LP	ATS-2	480Y/277, 3 PHASE, 4 WIRE	447.16	230.38	LIFE SAFETY DISTRIBUTION PANEL
ELDP4P3	LV LP	ATS-3	480Y/277, 3 PHASE, 4 WIRE	339.21	359.16	LIFE SAFETY DISTRIBUTION PANEL
ELDP2P1	LV LP	ELTXP2	208Y/120, 3 PHASE, 4 WIRE	228.72	120.44	LIFE SAFETY DISTRIBUTION PANEL

EQ4P1	LV UP	EDP4P2	480Y/277, 3 PHASE, 4 WIRE	48.93	51.21	EMERGENCY EQUIPMENT + MECH
EQ4P2	LV UP	EDP4P3	480Y/277, 3 PHASE, 4 WIRE	144.00	77.00	EMERGENCY EQUIPMENT + MECH
TOTALS				40909.65	36007.49	
SUBTRACTED SWITCHGEAR				14516.81	12704.90	