

L2D2 PANELBOARD EXISTING 120/208V, 3PH, 4W 225A MAIN LUGS ONLY 10,000 AIC GROUND BAR ISOLATED GROUND BAR SURFACE MOUNT LOCATION: EDC2 SERVES: GENERAL POWER

DESCRIPTION	WIRE BRKR PL	KVA			PL BRKR WIRE	DESCRIPTION	PL BRKR WIRE
		A	B	C			
1 courtesy desk receipts (13)	10 20 1	1.44	0.92		1 20	1	20
3 courtesy desk receipts	20 1		0.72	0.51	1 20	8	20
5 courtesy desk lg (13)	20 1			0.16	1 00	1	20
7 registry lg (13)	10 20 1	1.85	0.10		1 20	8	20
9 ORB (19)	20 1		0.18	0.66		1 20	10
11 SERVICE KIOSK	20 1		0.60	0.41		1 20	12
13 store managers office (13)	8 20 1	0.36	0.00		1 20	10	20
15 store managers office (13)	8 20 1		0.72	1.22		1 20	14
17 cash/counting receipts (13)	8 20 1		1.08	0.54		1 20	16
19 cash / counting lg (13)	20 1	0.36	0.08		1 20	18	20
21 ice merchandiser	20 1		0.18	0.18		1 20	22
23 atm/ncx receptacle (13)	6 20 1			0.84	0.00		24
25 cooler (13)	10 20 1	0.50	0.00		1 20	26	20
27 hand dryer (13)	6 20 1		2.30	0.00		1 20	28
29 HAND DRYER (19)	6 20 1			2.30	0.00		30
31 EF (FOLET) (19)	8 20 1	1.18	0.30		1 20	32	20
33 EWCS (19)	20 1		0.98	0.38		1 20	34
35 spare	20 1			0.00	0.00		36
37 spare	20 1	0.00	0.00		1 20	38	20
39 spare	20 1		0.00	0.00		1 20	40
41 spare	20 1			0.00	0.00		42
TOTAL CONNECTED		8.09	7.61	6.56	KVA		
TOTAL CONNECTED		50.75	63.38	57.92	AMPS		
TOTAL LOAD		20.85		57.31	AMPS		
PER NEC ARTICLE 220 FEEDER LOAD		21.52		58.18	AMPS		

L1D2 PANELBOARD EXISTING 120/208V, 3PH, 4W 225A MAIN LUGS ONLY 10,000 AIC GROUND BAR ISOLATED GROUND BAR FLUSH MOUNT LOCATION: CBL ROOM SERVES: GENERAL POWER

DESCRIPTION	WIRE BRKR PL	KVA			PL BRKR WIRE	DESCRIPTION	PL BRKR WIRE
		A	B	C			
1 time clocks (13)	20 1	0.36	0.75		1 20	1	20
3 EXHAUST FAN (13)	6 20 1		1.16	0.75		1 20	4
5 HAND DRYER (19)	6 20 1			2.30	0.75		6
7 HAND DRYER (19)	6 20 1	2.30	0.75		1 20	8	20
9 EWCS (19)	20 1		0.58	0.75		1 20	10
11 bike assembly (13)	20 1			0.72	0.00		12
13 lifting hook (13)	15 1	0.36	0.00		1 20	14	20
15 lifting hook (13)	15 1		0.36	0.00		1 20	16
17 rest receptacles (13)	15 1		0.36	0.00		1 20	18
19 manager's desk receipts (13)	20 1	0.36	0.00		1 20	20	20
21 rest room lg receipts (13)	20 1		1.08	0.00		1 20	22
23 training room lg (13)	20 1		0.54	0.00		1 20	24
25 training room (13)	20 1	0.78	1.80		1 20	26	20
27 training room printer (13)	20 1		1.20	1.80		1 20	28
29 inventory room lg (13)	20 1		0.18	3.58		1 20	30
31 inventory room (13)	20 1	0.54	2.85		1 20	32	20
33 floor scanner (13)	20 1		1.20	1.78		1 20	34
35 floor scanner (13)	20 1		1.20	3.68		1 20	36
37 WH (JANITOR) (2,19)	10 30 2	2.25	5.40		3 00	3	20
39	10 30 1	2.25	6.11		1 20	40	20
41 rsv 22-25 (13)	10 20 1		1.22	5.02		1 20	42
TOTAL CONNECTED		18.50	19.05	19.56	KVA		
TOTAL CONNECTED		154.17	158.71	183.04	AMPS		
TOTAL LOAD		57.11		158.52	AMPS		
PER NEC ARTICLE 220 FEEDER LOAD		57.47		159.52	AMPS		

BL2B BUSWAY EXISTING 120/208V, 3PH, 4W 100A RATED BUSWAY 10,000 AIC CASE GROUNDING LOCATION: GM SEASONAL SERVES: SALES FLOOR POWER DROPS

DESCRIPTION	WIRE BRKR PL	KVA			PL BRKR WIRE	DESCRIPTION	PL BRKR WIRE
		A	B	C			
1 03b greeting cards (13)	20 1	0.88	0.54		1 20	1	20
3 03b greeting cards (13)	20 1		0.88	0.00		1 20	4
5 03b greeting cards (13)	20 1		0.88	0.00		1 20	6
7 post / pv (13)	20 1	0.88	0.00		1 20	8	20
9 03b greeting cards (13)	20 1		0.88	0.00		1 20	10
11 spare	20 1			0.00	1.08		12
13 19c SEASONAL REELS (19)	20 1	0.54	0.00		1 20	14	20
15 19c SEASONAL REELS (19)	20 1		0.54	0.54		1 20	16
17 spare	20 1			0.00	0.54		18
19 off cabinet (13)	20 1	1.44	0.00		1 20	20	20
21 post (13)	20 1		0.50	0.00		1 20	22
23 spare	20 1			0.00	0.00		24
TOTAL CONNECTED		4.08	3.34	2.50	KVA		
TOTAL CONNECTED		34.09	27.83	20.63	AMPS		
TOTAL LOAD		9.92		27.84	AMPS		
PER NEC ARTICLE 220 FEEDER LOAD		19.90		29.90	AMPS		

L2U PANELBOARD EXISTING 120/240V, 1PH, 3W 100A MAIN LUGS ONLY 10,000 AIC GROUND BAR ISOLATED GROUND BAR FLUSH MOUNT LOCATION: FRONT ELECT/COMM ROOM SERVES: CRITICAL ISOLATED GROUND EQUIPMENT

DESCRIPTION	WIRE BRKR PL	KVA			PL BRKR WIRE	DESCRIPTION	PL BRKR WIRE
		A	B	C			
1 busway b2u (13)	10 30 2	0.54	0.40		1 15	1	15
3	20 1		0.32	0.00		1 15	4
5 courtesy cash wraps (13)	10 20 1		0.76	0.40		1 15	6
7 PHARMACY ICS RECEPT (19)	10 20 1		1.08	0.00		1 15	8
9 iern2 (13)	20 1	0.13	0.00		1 10	10	20
11 vending machine (13)	20 1		1.44	0.00		1 10	12
13 space	20 1		0.00	0.00		1 10	14
15 space	20 1		0.00	0.00		1 10	16
17 space	20 1		0.00	0.00		1 10	18
19 space	20 1		0.00	0.00		1 10	20
21 space	20 1		0.00	0.00		1 10	22
23 space	20 1			0.00	0.00		24
TOTAL CONNECTED		1.78		3.69	KVA		
TOTAL CONNECTED		14.88		30.71	AMPS		
TOTAL LOAD		5.47		22.79	AMPS		
PER NEC ARTICLE 220 FEEDER LOAD		5.47		22.79	AMPS		

L1U PANELBOARD EXISTING 120/240V, 1PH, 3W 100A MAIN LUGS ONLY 10,000 AIC GROUND BAR ISOLATED GROUND BAR FLUSH MOUNT LOCATION: UPS/IPC ROOM SERVES: CRITICAL ISOLATED GROUND EQUIPMENT

DESCRIPTION	WIRE BRKR PL	KVA			PL BRKR WIRE	DESCRIPTION	PL BRKR WIRE
		A	B	C			
1 upc system module (13)	15 1	0.25	0.36		1 10	1	10
3 upc system module (13)	20 1		0.25	0.05		1 10	4
5 upc system module (13)	20 1	0.25	0.18		1 10	6	20
7 upc system module (13)	20 1	0.25	0.25		1 20	8	20
9 upc system module (13)	20 1	0.25	0.25		1 20	10	20
11 upc system module (13)	20 1		0.25	0.00		1 10	12
13 upc system module (13)	15 1	0.25	0.00		1 10	14	20
15 space	20 1		0.00	0.00		1 10	16
17 10m bladecenter (13)	10 30 2	1.80	0.50		1 20	18	20
19	20 1		1.80	0.00		1 20	20
21 space	20 1		0.00	0.00		1 20	22
23 space	20 1			0.00	0.00		24
TOTAL CONNECTED		3.59		5.18	KVA		
TOTAL CONNECTED		29.92		41.98	AMPS		
TOTAL LOAD		6.44		26.83	AMPS		
PER NEC ARTICLE 220 FEEDER LOAD		6.44		26.83	AMPS		

BL2U BUSWAY EXISTING 120/240V, 1PH, 3W 40A RATED BUSWAY 5,000 AIC CASE GROUNDING ISOLATED GROUND LOCATION: FRONT CHECKOUTS SERVES: FRONT CHECKOUTS

DESCRIPTION	WIRE BRKR PL	KVA			PL BRKR WIRE	DESCRIPTION	PL BRKR WIRE
		A	B	C			
1 space	20 1	0.00	0.34		1 20	1	20
3 front cash	20 1		0.34	0.00		1 20	4
5 front cash wraps (13)	20 1		0.09	0.00		1 20	6
7 front cash wraps (13)	20 1		0.34	0.00		1 20	8
9 front cash wraps (13)	20 1			0.34	0.00		10
11 space	20 1			0.00	0.00		12
TOTAL CONNECTED		0.94		0.77	KVA		
TOTAL CONNECTED		7.79		6.38	AMPS		
TOTAL LOAD		1.70		7.08	AMPS		
PER NEC ARTICLE 220 FEEDER LOAD		1.70		7.08	AMPS		

L3D PANELBOARD EXISTING 120/208V, 3PH, 4W 150A MAIN CIRCUIT BREAKER 10,000 AIC GROUND BAR ISOLATED GROUND BAR SURFACE MOUNT LOCATION: ACC MECHANICAL SERVES: ACC EQUIPMENT

DESCRIPTION	WIRE BRKR PL	KVA			PL BRKR WIRE	DESCRIPTION	PL BRKR WIRE
		A	B	C			
1 WATER HEATER (2,13)	10 25 1	2.00	0.01		1 20	1	20
3 hand dryer (13)	20 1		2.30	0.52		1 20	4
5 air dryer / receptacle (13)	20 1		1.24	1.08		1 20	6
7 AUTO DOORS (19)	20 1	0.60	0.68		1 20	8	20
9 exhaust fan (13)	20 1		0.40	0.00		1 20	10
11 receptacles (13)	20 1		1.08	0.59		1 20	12
13 lighting station (13)	20 1	0.18	1.58		1 20	14	20
15 rest (13)	20 1		0.75	1.56		1 20	16
17 tire balancer (13)	20 2	0.83	1.37		2 30	1	18
21 tire balancer (13)	20 2		0.83	1.37		2 30	4
23	20 1		0.83	1.37		2 30	6
25 vacuum (13)	15 1	0.87	1.37		2 30	10	20
27 vacuum (13)	15 1		0.87	1.37		2 30	12
29 oil interceptor panel (13)	20 1		0.30	1.32		1 20	14
31 unit heater (13)	15 1	0.90	1.32		1 20	16	20
33 unit heater (13)	15 1		0.90	0.00		1 20	18
35 unit heater (13)	15 1		0.90	0.00		1 20	20
37 unit heater (13)	15 1	0.90	1.48		1 20	22	20
39 air curtains fans (13)	20 1		0.40	0.00		1 20	24
41 spare	20 1			0.00	0.00		26
TOTAL CONNECTED		14.07	11.36	10.90	KVA		
TOTAL CONNECTED		117.22		94.67	AMPS		
TOTAL LOAD		36.33		72.66	AMPS		
PER NEC ARTICLE 220 FEEDER LOAD		36.43		72.76	AMPS		

L2B PANELBOARD EXISTING 120/208V, 3PH, 4W 500A MAIN CIRCUIT BREAKER 10,000 AIC GROUND BAR ISOLATED GROUND BAR SURFACE MOUNT LOCATION: EDC2 SERVES: 208V DISTRIBUTION

DESCRIPTION	WIRE BRKR PL	KVA			PL BRKR WIRE	DESCRIPTION	PL BRKR WIRE
		A	B	C			
1 PANEL LGC (19)	19 1 00	1.00	2.94	1.00	3 100 3	1	20
3	19 1 00		2.87	1.00	3 100 3	2	20
5	19 1 00	4.14	5.05	7.57	3 100 3	3	20
7	19 1 00		7.19	5.48	3 100 3	4	20
9	19 1 00	4.25	8.18	5.59	3 100 3	5	20
11	19 1 00		5.69	8.16	3 100 3	6	20
13	19 1 00		5.77	5.16	3 100 3	7	20
15	19 1 00		3.34	8.16	3 100 3	8	20
17	19 1 00		2.50	8.16	3 100 3	9	20
19	19 1 00		8.76	0.00	3 100 3	10	20
21	19 1 00		8.31	0.00	3 100 3	11	20
23	19 1 00		7.10	0.00	3 100 3	12	20
25	19 1 00		7.58	0.00	3 100 3	13	20
27	19 1 00		7.58	0.00	3 100 3	14	20
29	19 1 00		6.14	0.00	3 100 3	15	20
31	19 1 00		7.61	0.00	3 100 3	16	20
33	19 1 00		6.95	0.00	3 100 3	17	20
35	19 1 00				3 100 3	18	20
37	19 1 00				3 100 3	19	20
39	19 1 00				3 100 3	20	20
41	19 1 00				3 100 3	21	20
TOTAL CONNECTED		63.06	66.61	61.33	KVA		
TOTAL CONNECTED		525.52	555.04	511.05	AMPS		
TOTAL LOAD		180.90		436.14	AMPS		
PER NEC ARTICLE 220 FEEDER LOAD		172.02		477.49	AMPS		

BL4A BUSWAY EXISTING 120/208V, 3PH, 4W 100A RATED BUSWAY 10,000 AIC CASE GROUNDING ISOLATED GROUND BAR SURFACE MOUNT LOCATION: JEWELRY COUNTER SERVES: SALES FLOOR POWER DROPS

DESCRIPTION	WIRE BRKR PL	KVA			PL BRKR WIRE	DESCRIPTION	PL BRKR WIRE
		A	B	C			
1 48E COSMETICS (19)	20 1	1.20	0.00		1 20	1	20
3 46E COSMETICS (19)	20 1		1.20	1.00		1 20	4
5 48E COSMETICS (19)	20						