

L1D1 PANELBOARD
SECTION #1: BREAKERS 1-42
SECTION #2: BREAKERS 43-84
SURFACE MOUNT
GROUND BUS (BOTH SECTIONS)

208Y120 V, 3PH, 4W
250 A, M.C.B.
10,000 AIC

TWO-SECTION PANEL WITH FEED-THRU LUGS
SERVES: MISC. 120V POWER
LOCATION: EDC1
PANEL PROVIDED WITH EDC

DESCRIPTION	WIRE	BRKR	PL	A	B	C	PL	BRKR	WIRE	DESCRIPTION		
1 RECEIVING RECEPTACLES (6)	6	20 A	1	1.38	1.38		1	20 A	10	COFFEE MAKER (6)		
2 WALKER STACK / RECEIPTS (6)	12	20 A	1		1.08	1.80		1	20 A	10	TOASTER (6)	
3 RECEIVING RECEPTACLES (6)	6	20 A	1			1.32	1.63		1	20 A	10	MICROWAVE (6)
7 DATA CABINET	12	15 A	1	0.18	1.63			1	20 A	10	MICROWAVE (6)	
9 DOCK LEVELER (6)	6	20 A	1		1.52	1.53		1	20 A	10	MICROWAVE (6)	
11 DOCK LEVELER (6)	6	20 A	1			1.52	1.44		1	20 A	10	MICROWAVE (6)
13 BREAK ASSEMBLY	12	20 A	1	0.36	1.44			1	20 A	10	REFRIGERATOR (6)	
15 MOVABLE RACKS (2.6)	3	20 A	1		1.23	0.90		1	20 A	12	BREAKROOM RCPTS	
17 GLASS / RECIRC PUMP (6)	6	20 A	1			1.50	0.54		1	20 A	12	BREAKROOM RCPTS / TV
19 FLOOR SCRUBBER (6)	6	20 A	1	1.20	1.44			1	20 A	10	VENDING MACHINE (4.8)	
21 FLOOR SCRUBBER (6)	6	20 A	1			1.20	1.44		1	20 A	10	REFRIGERATOR (6)
23 FLOOR SCRUBBER (6)	6	20 A	1			1.20	1.44		1	20 A	10	VENDING MACHINE (4.8)
25 FLOOR SCRUBBER (6)	6	20 A	1	1.20	1.44			1	20 A	12	VENDING MACHINE (4.8)	
27 EQUIPMENT LOCKERS	12	20 A	1		0.58	1.44		1	20 A	12	VENDING MACHINE (4.8)	
29 SAC CONTROLLERS	12	20 A	1			0.29	0.00		1	20 A	--	SPARE
31 PLUG STRIP (4)	12	20 A	1	0.90	0.00			1	20 A	--	SPARE	
33 GR RECEIVING DATA CABINET	12	15 A	1		0.18	1.08		1	20 A	12	GR RECEIPTS	
35 WORN DOORS (2.12)	12	20 A	1			0.40	1.08		1	20 A	12	MANAGER'S DESK RECEIPTS
37 PLUG STRIP BRKRM ISLAND (6)	6	20 A	1	1.92	0.90			1	20 A	12	ASSIST. MGR RCPTS / PAYSTUB	
39 PLUG STRIP BRKRM ISLAND (6)	6	20 A	1		1.92	0.72		1	20 A	12	ASSISTANT MANAGER RECEIPTS	
41 SPARE	--	--	--	--	--	0.90	0.36		1	20 A	12	PAYSTUB KIOSK
43 WASTE OIL TANK (6)	4	20 A	1	1.82	1.08			1	20 A	10	TRAINING RECEPTACLES (6)	
45 SPARE	--	--	--	--	0.00	0.90		1	20 A	12	PERSONNEL RECEPTACLES	
47 WH RECEIVING (6)	6	15 A	1			0.92	1.20		1	20 A	10	PERSONNEL PRINTER (6)
49 SERVICE CONTROL (6)	12	20 A	1	0.18	1.50			1	20 A	12	INVOICING RECEPTACLES	
51 ROLLSEAL DOOR (6)	6	20 A	1		1.20	0.90		1	20 A	12	INVOICING RECEPTACLES	
53 ROLLSEAL DOOR (6)	4	20 A	1			1.20	1.18		1	20 A	10	EF (REAR TOILETS) (6)
55 MDDA SCALE / RECEIPTS (5)	10	20 A	1	0.36	1.50			1	20 A	10	MENS HAND DRYER (2.6)	
57 MEAT COOLER HTRS (2.5.6)	10	20 A	1		0.18	1.50		1	20 A	10	FAMILY HAND DRYER (2.6)	
59 GROCERY FRZR HTRS (2.5.6)	6	20 A	1			0.45	1.50		1	20 A	8	WOMENS HAND DRYER (2.6)
61 ICE CREAM FRZR HTRS (2.5.6)	10	20 A	1	0.31	1.08			1	20 A	12	EWCS / MOTHERS ROOM (4)	
63 WH (GROC) / RECIRC PUMP (2.6)	8	20 A	1		0.91	0.00		1	20 A	--	SPARE	
65 RECIRC PUMP (2.6)	4	25 A	1			1.86	0.90		1	20 A	12	CHARGING STATION
67 DATA LOGGER (6)	12	20 A	1	0.18	1.80			1	20 A	10	CHARGING STATION (6)	
69 EDC1 RECEPTACLES (6)	12	20 A	1		0.72	1.80		1	20 A	12	CHARGING STATION (6)	
71 TELEPHONE BOARD (3.9)	12	20 A	1			1.28	1.08		1	20 A	6	JIB CRANE (6)
73 ALARM BOARD (3.9.12)	12	20 A	1	1.60	1.22			1	20 A	6	RTVS 28, 33, 34 RECEIPTS (6)	
75 ALARM BOARD (3.9.12)	12	20 A	1		1.58	0.00		1	20 A	--	SPARE	
77 ALARM BOARD (3.9.12)	12	20 A	1			1.58	0.00		1	20 A	--	SPARE
79 RTVS 29-32 RECEIPTS	12	20 A	1	1.22	0.00			1	20 A	--	SPARE	
81 WH (REAR JANITOR)	10	30 A	2		2.26	0.00		1	20 A	--	SPARE	
83 4.5 KW, 208Y1	10	30 A	2			2.25	0.00		1	20 A	--	SPARE
TOTAL CONNECTED				29.16	28.36	27.89						KVA
TOTAL CONNECTED				243.79	238.96	232.43						AMPS
TOTAL LOAD				85.44		237.15						KVA
PER NEC ARTICLE 220 FEEDER LOAD				66.21		183.77						AMPS

L1D2 PANELBOARD
SECTION #1: BREAKERS 1-42
SECTION #2: BREAKERS 43-84
SURFACE MOUNT
GROUND BUS

208Y120 V, 3PH, 4W
250 A, M.C.B.
10,000 AIC

SERVES: MISC. 120V POWER
LOCATION: EDC1
PANEL PROVIDED WITH EDC

DESCRIPTION	WIRE	BRKR	PL	A	B	C	PL	BRKR	WIRE	DESCRIPTION		
1 BUSWAY BL1A	3	100 A	3	5.46	0.01			1	20 A	12	TESTKIT T1-2	
3 208Y120/3					3.84	0.18		1	20 A	12	PUMP ROOM RECEPTACLE	
5 BUSWAY BL1B	3	100 A	3	6.26	0.36			1	20 A	12	PHOTO LAB RECEIPTS	
7 208Y120/3					6.06	0.90		1	20 A	12	WIDE FORMAT PRINTER	
9 BUSWAY BL1C (6)	10	100 A	3	3.54	1.60			1	20 A	12	COLOR PRINTER	
11 208Y120/3						0.60	1.80		1	20 A	10	DL PRINTER (6)
13 SPACE								1	20 A	12	DL PRINTER (6)	
15 SPACE						5.87	0.00		--	--	SPARE	
17 SPACE								--	--	--	SPARE	
19 SPACE								--	--	--	SPARE	
21 SPACE						0.00	0.00		--	--	SPARE	
23 SPACE						0.00	0.00		--	--	SPARE	
25 SPACE						0.00	0.00		--	--	SPARE	
27 SPACE						0.00	0.00		--	--	SPARE	
29 SPACE						0.00	0.00		--	--	SPARE	
31 SPACE						0.00	0.00		--	--	SPARE	
33 SPACE						0.00	0.00		--	--	SPARE	
35 SPACE						0.00	0.00		--	--	SPARE	
37 SPACE						0.00	0.00		--	--	SPARE	
39 SPACE						0.00	0.00		--	--	SPARE	
41 SPACE						0.00	0.00		--	--	SPARE	
TOTAL CONNECTED				19.23	17.18	16.94						KVA
TOTAL CONNECTED				160.56	143.51	141.20						AMPS
TOTAL LOAD				53.36		148.11						KVA
PER NEC ARTICLE 220 FEEDER LOAD				43.80		128.97						AMPS

L1U PANELBOARD
SECTION #1: BREAKERS 1-42
SECTION #2: BREAKERS 43-84
SURFACE MOUNT
EQUIPMENT GROUND BUS

120/240 V, 1PH, 3W
100 A, M.L.O.
10,000 AIC

SERVES: CRITICAL ISOLATED GROUND EQUIPMENT
LOCATION: UPS/DC ROOM
PANEL FURNISHED WITH EDC, INSTALLED BY E.C.

DESCRIPTION	WIRE	BRKR	PL	A	B	C	PL	BRKR	WIRE	DESCRIPTION		
1 UPS SYSTEM MODULE	12	20 A	1	0.25	0.36			1	20 A	12	P.A. / TELEPHONE EQUIP	
3 UPS SYSTEM MODULE	12	20 A	1		0.25	0.36		1	20 A	12	EDC4 GAS COOLER	
5 UPS SYSTEM MODULE	12	20 A	1	0.25	0.00			--	--	--	SPARE	
7 UPS SYSTEM MODULE	12	20 A	1	0.25	0.00			--	--	--	SPARE	
9 UPS SYSTEM MODULE	12	20 A	1	0.25	0.00			--	--	--	SPARE	
11 UPS SYSTEM MODULE	12	20 A	1	0.25	0.00			--	--	--	SPARE	
13 SPACE					0.00	0.00		--	--	--	SPARE	
15 SPACE					0.00	0.00		--	--	--	SPARE	
17 SPACE					0.00	0.00		--	--	--	SPARE	
19 SPACE					0.00	0.00		--	--	--	SPARE	
21 SPARE					0.00	0.00		--	--	--	SPARE	
23 SPARE					0.00	0.00		--	--	--	SPARE	
TOTAL CONNECTED				1.11		1.11						KVA
TOTAL CONNECTED				9.25		9.25						AMPS
TOTAL LOAD				2.22		9.25						KVA
PER NEC ARTICLE 220 FEEDER LOAD				2.22		9.25						AMPS

L2U PANELBOARD
SECTION #1: BREAKERS 1-42
SECTION #2: BREAKERS 43-84
SURFACE MOUNT
EQUIPMENT GROUND BUS

120/240 V, 1PH, 3W
100 A, M.L.O.
10,000 AIC

SERVES: CRITICAL ISOLATED GROUND EQUIPMENT
LOCATION: UPS/DC ROOM
PANEL FURNISHED WITH EDC, INSTALLED BY E.C.

DESCRIPTION	WIRE	BRKR	PL	A	B	C	PL	BRKR	WIRE	DESCRIPTION		
1 UPS SYSTEM MODULE	12	20 A	1	0.25	0.36			1	20 A	12	COURTESY CASH WRAPS	
3 UPS SYSTEM MODULE	12	20 A	1		0.18	0.36		1	20 A	12	PHARMACY RECEIPTS	
5 UPS SYSTEM MODULE	12	20 A	1	0.18	0.36			1	20 A	12	BAS CONTROL PANELS (3)	
7 UPS SYSTEM MODULE	12	20 A	1			0.00	0.00	--	--	--	SPARE	
9 UPS SYSTEM MODULE	12	20 A	1			0.00	0.00	--	--	--	SPARE	
11 UPS SYSTEM MODULE	12	20 A	1			0.00	0.00	--	--	--	SPARE	
13 SPACE						0.00	0.00		--	--	SPARE	
15 SPACE						0.00	0.00		--	--	SPARE	
17 SPACE						0.00	0.00		--	--	SPARE	
19 SPACE						0.00	0.00		--	--	SPARE	
21 SPARE						0.00	0.00		--	--	SPARE	
23 SPARE						0.00	0.00		--	--	SPARE	
TOTAL CONNECTED				1.96		1.52						KVA
TOTAL CONNECTED				12.67		77.53						AMPS
TOTAL LOAD				3.39		14.10						KVA
PER NEC ARTICLE 220 FEEDER LOAD				3.39		14.10						AMPS

L2B PANELBOARD
SECTION #1: BREAKERS 1-42
SECTION #2: BREAKERS 43-84
SURFACE MOUNT
ISOLATED GROUND BUS

208Y120 V, 3PH, 4W
800 A, M.C.B.
10,000 AIC

SERVES: 208V DISTRIBUTION
LOCATION: EDC2
PANEL PROVIDED WITH EDC

DESCRIPTION	WIRE	BRKR	PL	A	B	C	PL	BRKR	WIRE	DESCRIPTION		
1 PANEL L2D1 (5.9)	100 A	3		6.81	1.44			3	100 A	PANEL L2S1 (8)		
3 208Y120/3					7.58	1.08		3	100 A	208Y120/3		
5 208Y120/3						7.36	1.56	3	100 A	PANEL L2S2 (8)		
7 PANEL L2D2 (1.8.9)	150 A	3		8.86	1.44			3	100 A	208Y120/3		
9 208Y120/3					12.06	1.38		3	100 A	208Y120/3		
11 SPACE						9.22	1.56		--	--	SPARE	
13 SPACE								--	--	--	SPARE	
15 SPACE								--	--	--	SPARE	
17 SPACE								--	--	--	SPARE	
19 SPACE								--	--	--	SPARE	
21 SPACE								--	--	--	SPARE	
23 SPACE								--	--	--	SPARE	
25 SPACE								--	--	--	SPARE	
27 SPACE								--	--	--	SPARE	
29 SPACE								--	--	--	SPARE	
31 SPACE								--	--	--	SPARE	
33 SPACE								--	--	--	SPARE	
35 SPACE								--	--	--	SPARE	
37 SPACE								--	--	--	SPARE	
39 SPACE								--	--	--	SPARE	
41 SPACE								--	--	--	SPARE	
TOTAL CONNECTED				44.64		49.46						KVA
TOTAL CONNECTED				371.97		414.56						AMPS
TOTAL LOAD				140.90		392.76						KVA
PER NEC ARTICLE 220 FEEDER LOAD				117.41		305.11						AMPS

L2D1 PANELBOARD
SECTION #1: BREAKERS 1-42
SECTION #2: BREAKERS 43-84
SURFACE MOUNT
GROUND BUS

208Y120 V, 3PH, 4W
100 A, M.L.O.
10,000 AIC

SERVES: MISC. 120V POWER
LOCATION: EDC2
PANEL PROVIDED WITH EDC

DESCRIPTION	WIRE	BRKR	PL	A	B
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