Panel: LBA1 EXISTING

Location: Elec B046 **Mounting:** Surface **A.I.C. Rating:**
Supply From: T1-LB1 **Enclosure:** Type 1 **Mains Type:**
Voltage: 120/208 Wye-3PH-4W **Mains Rating:** 200 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	EXIST VEND	20 A	1	500 VA	500 VA					1	20 A	EXIST VEND	2
3	EXIST VEND	20 A	1			500 VA	500 VA			1	20 A	EXIST VEND	4
5	EXIST VEND	20 A	1					500 VA	500 VA	1	20 A	EXIST VEND	6
7	EXIST VEND	20 A	1	500 VA	500 VA					1	20 A	EXIST VEND	8
9	EXIST VEND	20 A	1			500 VA	500 VA			1	20 A	EXIST VEND	10
11	EXIST VEND	20 A	1					500 VA	500 VA	1	20 A	EXIST VEND	12
13	EXIST VEND	20 A	1	500 VA	500 VA					1	20 A	EXIST VEND	14
15	EXIST R	20 A	1			180 VA	800 VA			1	20 A	EXIST MICRO W	16
17	EXIST R	20 A	1					180 VA	180 VA	1	20 A	EXIST R	18
19	EXIST MICRO W	20 A	1	800 VA	180 VA					1	20 A	EXIST R	20
21	EXIST WC	20 A	1			500 VA	500 VA			1	20 A	EXIST WC	22
23	EXIST R	20 A	1					600 VA	900 VA	1	20 A	EXIST R	24
25	EXIST R	20 A	1	900 VA	500 VA					1	20 A	EXIST R	26
27	Receptacle	20 A	1			1080...	1000...			1	20 A	COPIER	28
29	Receptacle	20 A	1					1440...	600 VA	1	20 A	EXIST R	30
31	EXIST R	20 A	1	600 VA	600 VA					1	20 A	EXIST R	32
33	Spare	20 A	1			0 VA	500 VA			1	20 A	EXIST R	34
35	EXIST R	20 A	1					600 VA	600 VA	1	20 A	EXIST R	36
37	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	38
39	EXIST R	20 A	1			900 VA	0 VA			1	20 A	Spare	40
41	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	42
			Total Load:	6.58 kVA		7.46 kVA		7.10 kVA					

Load Classification	Connected...	Demand Factor	Estimated...	Panel Totals	
Receptacle	3520 VA	100.00%	3520 VA		
Spare	17620 VA	100.00%	17620 VA	Total Conn. Load:	21140 VA
				Total Est. Demand:	21140 VA
				Total Conn.:	59 A
				Total Est. Demand:	59 A

Notes: 1) PROVIDE NEW GFCI BREAKERS AT ALL EXISTING VEND MACHINE BREAKER LOCATIONS.

TOTAL CONNECTED		ESTIMATED DEMAND
21.14 kVA		21.14 kVA (59 A)

Panel: KP

Location: Cafe B.O.H. 1003B **Mounting:** FLUSH **A.I.C. Rating:** 10,000
Supply From: 1AA1 **Enclosure:** Type 1 **Mains Type:**
Voltage: 120/208 Wye-3PH-4W **Mains Rating:** 100 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	GFCI-REFRIG 2A	20 A	1	1000...	1000...					1	20 A	REFRIG 2B	2
3	RECEPT BOH	20 A	1			360 VA	180 VA			1	20 A	SS-REF	4
5	GFCI-ICE MACHINE 19	20 A	2					1664...	1500...	1	20 A	Receptacle	6
7	--	--	--	1664...	2250...					2	30 A	EXPRESSO	8
9	GFCI-UC REFRIG	20 A	1			1500...	2250...			--	--	--	10
11	COFFEE GRINDER	20 A	1					180 VA	3450...	2	40 A	COFFEE MAKER	12
13	GFCI-MICROWAVE	20 A	1	1600...	3450...					--	--	--	14
15	COUNTER RECEPT	20 A	1			360 VA	180 VA			1	20 A	CASH REG	16
17	GFCI-REFRIGERATOR	20 A	1					1000...	180 VA	1	20 A	Receptacle	18
19					180 VA					1	20 A	Receptacle	20
21	Receptacle	20 A	1			360 VA							22
23													24
25													26
27													28
29													30
			Total Load:	11.14 kVA		5.19 kVA		7.97 kVA					

Load Classification	Connected...	Demand Factor	Estimated...	Panel Totals	
Receptacle	24308 VA	70.57%	17154 VA		
				Total Conn. Load:	24308 VA
				Total Est. Demand:	17154 VA
				Total Conn.:	67 A
				Total Est. Demand:	48 A

Notes: 1) DISH WASHER SHALL BE WIRED THROUGH LOCAL WALL SWITCH.
2) ALL RECEPTACLES CIRCUITS MARKED AS "GFCI" IN DESCRIPTION REQUIRE GFCI BREAKER

TOTAL CONNECTED		ESTIMATED DEMAND
24.31 kVA		17.15 kVA (48 A)

Panel: 1B1 EXISTING

Location: Elec 1083 **Mounting:** Surface **A.I.C. Rating:**
Supply From: MS1 **Enclosure:** Type 1 **Mains Type:**
Voltage: 480/277 Wye-3PH-4W **Mains Rating:** 175 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Auditorium-1 1082-1	20 A	1	1068...	150 VA					1	20 A	Other North Entry-1...	2
3	Room 1065, 1064, 106...	20 A	1			1250...	1476...			1	20 A	Lighting Room 1002B-1...	4
5	Lighting Quick Access...	20 A	1					1500...	1800...	1	20 A	Lighting Auditorium-1...	6
7	Motor Jan 1089	20 A	3	2771...	54 VA					1	20 A	EXISTING	8
9	--	--	--			2771...	320 VA			1	20 A	1087+1088 RR'S	10
11	--	--	--					2771...	440 VA	3	20 A	EXIST COILING DOOR	12
13	Spare	20 A	1	0 VA	440 VA					--	--	--	14
15	Lighting Workroom 1093	20 A	1			64 VA	440 VA			--	--	--	16
17	Lighting Reserves 1095	20 A	1					54 VA					18
19													20
21													22
23													24
25													26
27													28
29													30
			Total Load:	4.48 kVA		5.95 kVA		6.57 kVA					

Load Classification	Connected...	Demand Factor	Estimated...	Panel Totals	
Lighting	5603 VA	100.00%	5603 VA		
Motor	8314 VA	125.00%	10392 VA	Total Conn. Load:	16964 VA
Other	1760 VA	100.00%	1760 VA	Total Est. Demand:	19040 VA
Spare	1320 VA	100.00%	1320 VA	Total Conn.:	20 A
				Total Est. Demand:	23 A

Notes:

TOTAL CONNECTED		ESTIMATED DEMAND
16.96 kVA		19.04 kVA (23 A)

Panel: 1BA1 EXISTING

Location: Elec 1083 **Mounting:** Surface **A.I.C. Rating:**
Supply From: T-1B1 **Enclosure:** Type 1 **Mains Type:** MB
Voltage: 120/208 Wye-3PH-4W **Mains Rating:** 200 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	CAR PAY	20 A	1	180 VA	720 VA					1	20 A	Receptacle	2
3	Receptacle Room...	20 A	1			360 VA	1500...			1	20 A	HAND DRYER	4
5	Receptacle	20 A	1					360 VA	1500...	1	20 A	HAND DRYER	6
7	Receptacle	20 A	1	900 VA	1500...					1	20 A	EXIST CUH-2	8
9	COPY	20 A	1			1000...							10
11	Receptacle	20 A	1					1440...	720 VA	1	20 A	Receptacle	12
13	EXIST R	20 A	1	900 VA	400 VA					3	20 A	EXIST GARAGE COIL D	14
15	Receptacle	20 A	1			900 VA	400 VA			--	--	--	16
17	EXIST WATER...	20 A	1					500 VA	400 VA	--	--	--	18
19	Receptacle	20 A	1	360 VA	180 VA					1	20 A	SCOOTER	20
21	EXIST Receptacle	20 A	1			720 VA							22
23									180 VA	1	20 A	CHANGE MACHINE	24
25													26
27													28
29													30
31	MW	20 A	1	1000...	300 VA					1	20 A	EXIST VAVS	32
33	EXIST VAV	20 A	2			300 VA							34
35	--	--	--					300 VA	0 VA	2	20 A	EXIST VAVS	36
37	EXIST VAV	20 A	1	300 VA	300 VA					--	--	--	38
39	EXIST VAV	20 A	2			300 VA	0 VA			2	20 A	EXIST VAV	40
41	--	--	--					300 VA	0 VA	--	--	--	42
			Total Load:	7.04 kVA		5.48 kVA		5.70 kVA					

Load Classification	Connected...	Demand Factor	Estimated...	Panel Totals	
Motor	960 VA	125.00%	1200 VA		
Receptacle	9960 VA	100.00%	9960 VA	Total Conn. Load:	18220 VA
Spare	4300 VA	100.00%	4300 VA	Total Est. Demand:	18460 VA
Resistive Heat	3000 VA	100.00%	3000 VA	Total Conn.:	51 A
				Total Est. Demand:	51 A

Notes:

TOTAL CONNECTED		ESTIMATED DEMAND
18.22 kVA		18.46 kVA (51 A)

Panel: 1BA2 EXISTING

Location: Elec 1083 **Mounting:** Surface **A.I.C. Rating:**
Supply From: T-1B1 **Enclosure:** Type 1 **Mains Type:** MB
Voltage: 120/208 Wye-3PH-4W **Mains Rating:** 200 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Receptacle	20 A	1	720 VA	180 VA					1	20 A	EXIST DOOR	2
3	Receptacle	20 A	1			180 VA	720 VA			1	20 A	Receptacle	4
5	ECH-1	30 A	2					2496...	360 VA	1	20 A	Receptacle	6
7	--	--	--	2496...	156 VA					1	20 A	CUH-2	8
9	FC-1-5	15 A	2			334 VA	334 VA			2	15 A	FC-1-6	10
11	--	--	--					334 VA	334 VA	--	--	--	12
13	VAV	20 A	2	582 VA	582 VA					2	20 A	VAV	14
15	--	--	--			582 VA	582 VA			--	--	--	16
17	EXIST SCREEN	20 A	1					300 VA	1000...	1	20 A	DISPOSAL EXIST	18
19	EXIST TICKET...	20 A	1	180 VA	180 VA					1	20 A	SECURITY	20
21	EXIST GATE	20 A	1			300 VA	180 VA			1	20 A	SECURITY	22
23	EXIST TICKET...	20 A	1					180 VA	360 VA	1	20 A	CAR PAY	24
25	RP MOTOR	20 A	1	240 VA	720 VA					1	20 A	Receptacle	26
27	Receptacle	20 A	1			360 VA	180 VA			1	20 A	PROJECTION SCREEN	28
29													30
31													32
33													34
35													36
37													38
39													40
41													42
			Total Load:	6.04 kVA		3.75 kVA		5.36 kVA					

Load Classification	Connected...	Demand Factor	Estimated...	Panel Totals	
Motor	3905 VA	107.46%	4196 VA		
Receptacle	3960 VA	100.00%	3960 VA	Total Conn. Load:	15153 VA
Spare	2140 VA	100.00%	2140 VA	Total Est. Demand:	15444 VA
Resistive Heat	5148 VA	100.00%	5148 VA	Total Conn.:	42 A
				Total Est. Demand:	43 A

Notes:

TOTAL CONNECTED		ESTIMATED DEMAND
15.15 kVA		15.44 kVA (43 A)

Panel: 1CA1 EXISTING

Location: Elec 1043A **Mounting:** Surface **A.I.C. Rating:**
Supply From: T-1C1 **Enclosure:** Type 1 **Mains Type:** MCB
Voltage: 120/208 Wye-3PH-4W **Mains Rating:** 200 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Receptacle	20 A	1	540 VA	720 VA					1	20 A	Receptacle	2
3	Receptacle	20 A	1			360 VA	180 VA			1	20 A	Receptacle	4
5	Receptacle	20 A	1					720 VA	720 VA	1	20 A	Receptacle	6
7	EXISTING ELEC ROOM	20 A	1	360 VA	180 VA					1	20 A	EXIST ELEV	8
9	EXIST RECEPT	20 A	1			180 VA	720 VA			1	20 A	Receptacle	10
11	Receptacle	20 A	1					360 VA	720 VA	1	20 A	Receptacle Open Offic...	12
13	Receptacle	20 A	1	720 VA	180 VA					1	20 A	Receptacle	14
15	Receptacle	20 A	1			720 VA	360 VA			1	20 A	Receptacle Children's...	16
17	Receptacle	20 A	1					180 VA	540 VA	1	20 A	Receptacle	18
19	FISH TANK	20 A	1	180 VA	720 VA					1	20 A	Receptacle	20
21	Receptacle Room 1010	20 A	1			540 VA	720 VA			1	20 A	Receptacle Open Offic...	22
23	Receptacle	20 A	1					180 VA					24
25	Receptacle	20 A	1	1440...									26
27	Receptacle	20 A	1			360 VA							28
29	Receptacle South...	20 A	1					360 VA	0 VA	1	20 A	Spare	30
31	Receptacle South...	20 A	1	540 VA	0 VA					1	20 A	Spare	32
33	Receptacle Children's...	20 A	1			180 VA	0 VA			1	20 A	Spare	34
35	Receptacle Room 1023	20 A	1					540 VA	0 VA	1	20 A	Spare	36
37	Receptacle	20 A	1	360 VA	0 VA					1	20 A	Spare	38
39	Receptacle Children's...	20 A	1			180 VA	0 VA			1	20 A	Spare	40
41	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	42
			Total Load:	5.94 kVA		4.50 kVA		4.32 kVA					

Load Classification	Connected...	Demand Factor	Estimated...	Panel Totals	
Receptacle	14760 VA	83.88%	12380 VA		
				Total Conn. Load:	14760 VA
				Total Est. Demand:	12380 VA
				Total Conn.:	41 A
				Total Est. Demand:	34 A

Notes:

TOTAL CONNECTED		ESTIMATED DEMAND
14.76 kVA		12.38 kVA (34 A)

Panel: 2AB1 EXISTING

Location: Elec 2000A **Mounting:** Surface **A.I.C. Rating:**
Supply From: T1-2A2 **Enclosure:** Type 1 **Mains Type:** MB
Voltage: 120/208 Wye-3PH-4W **Mains Rating:** 100 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	EXIST R	20 A	1	720 VA	540 VA					1	20 A	EXIST R	2
3	Receptacle	20 A	1			360 VA	1080...			1	20 A	Receptacle	4
5									540 VA	1	20 A	Receptacle	6
7	Receptacle	20 A	1	360 VA	540 VA					1	20 A	Receptacle	8
9	Receptacle	20 A	1			540 VA							10
11									720 VA	1	20 A	Receptacle	12
13					180 VA					1	20 A	Receptacle	14
15	Receptacle	20 A	1			720 VA	300 VA			2	20 A	EXIST VAV	16
17	EXIST VAV	20 A	1					300 VA	300 VA	--	--	--	18
19	EXIST VAV	20 A	2	300 VA	180 VA					1	20 A	EXIST SECURITY	20
21	--	--	--			300 VA	180 VA			1	20 A	Receptacle	22
23									180 VA	1	20 A	Receptacle	24
25	Receptacle	20 A	1	1440...	180 VA					1	20 A	Receptacle	26
27	Receptacle	20 A	1			180 VA	180 VA			1	20 A	Receptacle	28
29	Receptacle	20 A	1					180 VA	180 VA	1	20 A	Receptacle	30
31	Receptacle	20 A	1	180 VA	360 VA					1	20 A	SHADES	32
33	EXIST VAV	20 A	1			300 VA							34
35	Receptacle	20 A	1					180 VA	720 VA	1	20 A	EXIST VAV	36
37	Receptacle	20 A	1	360 VA									38
39													40
41													42
			Total Load:	5.34 kVA		4.14 kVA		3.30 kVA					

Load Classification	Connected...	Demand Factor	Estimated...	Panel Totals	
Motor	720 VA	112.50%	810 VA		
Receptacle	10080 VA	99.60%	10040 VA	Total Conn. Load:	12780 VA
Spare	1980 VA	100.00%	1980 VA	Total Est. Demand:	12830 VA
				Total Conn.:	35 A
				Total Est. Demand:	36 A

Notes:

TOTAL CONNECTED		ESTIMATED DEMAND
12.78 kVA		12.83 kVA (36 A)

Panel: 2A2 EXISTING

Location: Elec 2000A **Mounting:** Surface **A.I.C. Rating:**
Supply From: MS1 **Enclosure:** Type 1 **Mains Type:**
Voltage: 480/277 Wye-3PH-4W **Mains Rating:** 200 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	T1-2A2	70 A	3	8002...									2
3	--	--	--			5818...							4
5	--	--	--					4798...					6
7													8
9													10
11													12
13													14
15													16
17	EXIST G-EX 25HP	60 A	3					8333...					18
19	--	--	--	8333...									20
21	--	--	--			8333...							22
23													24
25													26
27													28
29													30
			Total Load:	16.34 kVA		14.15 kVA		13.13 kVA					

Load Classification	Connected...	Demand Factor	Estimated...	Panel Totals	
Motor	6378 VA	104.57%	6669 VA		
Receptacle	10260 VA	98.73%	10130 VA	Total Conn. Load:	43617 VA
Spare	26979 VA	100.00%	26979 VA	Total Est. Demand:	43778 VA
				Total Conn.:	52 A
				Total Est. Demand:	53 A

Notes:

TOTAL CONNECTED		ESTIMATED DEMAND
43.62 kVA		43.78 kVA (53 A)

Panel: 2B1 EXISTING

Location: Elec 2113 **Mounting:** Surface **A.I.C. Rating:**
Supply From: MS1 **Enclosure:** Type 1 **Mains Type:**
Voltage: 480/277 Wye-3PH-4W **Mains Rating:** 200 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Lighting Room 1002B-...	20 A	1	2681...	1106...					1	20 A	Life Skills 2011	2
3	EXISTY T1-2B1	120 A	3			1328...	2484...			1	20 A	Lighting Adult: Fiction...	4
5	--	--	--					1538...	175 VA	1	20 A	Lighting Room 2015A,...	6
7	--	--	--	1100...	1270...					1	20 A	Other	8
9	Lighting Teens 2010	20 A	1			1200...	1200...			1	20 A	Lighting Teens 2010	10
11									109 VA	1	20 A	Lighting Room 2132,...	12
13					540 VA					1	20 A	Other North Entry 1080	14
15	Lighting South Carnegi...	20 A	1			150 VA	55 VA			1	20 A	Lighting Adult: Fiction...	16
17													18
19	EXIST 15 HP G-EX FAN	40 A	3	5000...									20
21	--	--	--			5000...							22
23	--	--	--					5000...					24
25													26
27													28
29													30
31													32
33													34
35													36
37													38
39													40
41													42
			Total Load:	21.58 kVA		23.37 kVA		20.61 kVA					

60

Load Classification	Connected...	Demand Factor	Estimated...	Panel Totals	
Lighting	15139 VA	100.00%	15139 VA		
Motor	6491 VA	104.49%	6782 VA	Total Conn. Load:	65565 VA
Other	1569 VA	100.00%	1569 VA	Total Est. Demand:	59416 VA
Receptacle	22880 VA	71.85%	16440 VA	Total Conn.:	79 A
Spare	16500 VA	100.00%	16500 VA	Total Est. Demand:	71 A
Resistive Heat	3000 VA	100.00%	3000 VA		

Notes:

TOTAL CONNECTED		ESTIMATED DEMAND
65.57 kVA		59.42 kVA (71 A)

Panel: 2BA1 EXISTING

Location: Elec 2113 **Mounting:** Surface **A.I.C. Rating:**
Supply From: T1-2B1 **Enclosure:** Type 1 **Mains Type:** MCB
Voltage: 120/208 Wye-3PH-4W **Mains Rating:** 200 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	Receptacle	20 A	1	720 VA	900 VA					1	20 A	Receptacle	2
3	Receptacle	20 A	1			1080...	180 VA			1	20 A	Receptacle	4
5	EXIST R	20 A	1					720 VA	360 VA	1	20 A	Receptacle	6
7	Receptacle	20 A	1	360 VA	360 VA					1	20 A	Receptacle	8
9	Receptacle	20 A	1			360 VA	360 VA			1	20 A	Receptacle	10
11	Receptacle	20 A	1					360 VA	360 VA	1	20 A	Receptacle	12
13	Receptacle	20 A	1	720 VA	720 VA					1	20 A	Receptacle	14
15	Receptacle	20 A	1			1620...	1260...			1	20 A	Receptacle	16
17	Receptacle	20 A	1					900 VA	360 VA	1	20 A	Receptacle	18
19	Receptacle	20 A	1	900 VA	900 VA					1	20 A	Receptacle	20
21	Receptacle	20 A	1			180 VA	180 VA			1	20 A	Receptacle	22
23	Receptacle	20 A	1					360 VA	360 VA	1	20 A	Receptacle	24
25	Receptacle	20 A	1	1000...	540 VA					1	20 A	Receptacle	26
27	Receptacle	20 A	1			900 VA	1260...			1	20 A	Receptacle	28
29	Other Park Lobby-1...	20 A	1					400 VA	900 VA	1	20 A	Lighting South Carnegi...	30
31	Lighting South Carnegi...	20 A	1	900 VA	900 VA					1	20 A	Lighting South Carnegi...	32
33	Lighting South Carnegi...	20 A	1			900 VA	900 VA			1	20 A	Lighting South Carnegi...	34
35	Lighting South Carnegi...	20 A	1					900 VA	360 VA	1	20 A	Receptacle	36
37	Receptacle Life Skills...	20 A	1	360 VA	360 VA					1	20 A	FLUSH VALVE	38
39	EXIST VAV	20 A	1			300 VA	300 VA			2	20 A	EXIST VAV	40
41	Receptacle	20 A	1					500 VA	300 VA	--	--	--	42
			Total Load:	9.64 kVA		9.78 kVA		7.14 kVA					

Load Classification	Connected...	Demand Factor	Estimated...	Panel Totals	
Lighting	5400 VA	100.00%	5400 VA		
Other	400 VA	100.00%	400 VA	Total Conn. Load:	26560 VA
Receptacle	19860 VA	75.18%	14930 VA	Total Est. Demand:	21630 VA
Spare	900 VA	100.00%	900 VA	Total Conn.:	74 A
				Total Est. Demand:	60 A

Notes:

TOTAL CONNECTED		ESTIMATED DEMAND
26.56 kVA		21.63 kVA (60 A)

Panel: 2BA2 EXISTING

Location: Elec 2113 **Mounting:** Surface **A.I.C. Rating:**
Supply From: T1-2B1 **Enclosure:** Type 1 **Mains Type:** MCB
Voltage: 120/208 Wye-3PH-4W **Mains Rating:** 200 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1	EXIST VAV	20 A	1	300 VA	500 VA					1	20 A	WATER COOLER	2
3	HAND DRYER	20 A	1			1500...	1500...			1	20 A	HAND DRYER	4
5	Receptacle Life Skills...	20 A	1					720 VA	720 VA	1	20 A	Receptacle Life Skills...	6
7	Receptacle Teens 2010	20 A	1	720 VA	582 VA					2	20 A	VAV	8
9	VAV	20 A	2			582 VA	582 VA			--	--	--	10
11	--	--	--					582 VA	83 VA	2	15 A	FC-2-7	12
13	FC-2-8	15 A	2	83 VA	83 VA					--	--	--	14
15	--	--	--			83 VA	156 VA			2	15 A	FC-2-9	16
17	FC-2-10	15 A	2					156 VA	156 VA	--	--	--	18
19	--	--	--	156 VA	156 VA					2	15 A	FC-2-11	20
21	TF-2	20 A	1			864 VA	156 VA			--	--	--	22
23	TF-3	20 A	1					864 VA	582 VA	2	20 A	VAV	24
25	Receptacle	20 A	1	180 VA	582 VA					--	--	--	26
27	Receptacle	20 A	1			180 VA	0 VA			1	20 A	Spare	28
29	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	30
31	Spare	20 A	1	0 VA	0 VA					1	20 A	Spare	32
33	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	34
35	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	36
37	Spare	20 A	1	0 VA	300 VA					1	20 A	EXIST VAV	38
39	Spare	20 A	1			0 VA	0 VA			1	20 A	Spare	40
41	Spare	20 A	1					0 VA	0 VA	1	20 A	Spare	42
			Total Load:	3.64 kVA		5.60 kVA		3.86 kVA					

Load Classification	Connected...	Demand Factor	Estimated...	Panel Totals	
Motor	6491 VA	104.49%	6782 VA		
Receptacle	3020 VA	100.00%	3020 VA	Total Conn. Load:	13111 VA
Spare	600 VA	100.00%	600 VA	Total Est. Demand:	13402 VA
Resistive Heat	3000 VA	100.00%	3000 VA	Total Conn.:	36 A
				Total Est. Demand:	37 A

Notes:

TOTAL CONNECTED		ESTIMATED DEMAND
13.11 kVA		13.4 kVA (37 A)

Panel: 2CA1 EXISTING

Location: Elec 2075 **Mounting:** Surface **A.I.C. Rating:**
Supply From: T1-2C1 **Enclosure:** Type 1 **Mains Type:** MCB
Voltage: 120/208 Wye-3PH-4W **Mains Rating:** 400 A

CKT	Circuit Description	Trip	Poles	A		B		C		Poles	Trip	Circuit Description	CKT
1					180 VA					1	20 A	Receptacle	2
3	Receptacle Open Offic...	20 A	1			360 VA	900 VA			1	20 A	EXIST R	4
5	EXIST R	20 A	1					540 VA	720 VA	1	20 A	EXIST R	6
7	EXIST R	20 A	1	900 VA	360 VA					1	20 A	EXIST R	8
9	EXIST R	20 A	1			720 VA	720 VA			1	20 A	EXIST R	10
11	EXIST R	20 A	1					900 VA	540 VA	1	20 A	Receptacle	12
13	EXIST R	20 A	1	540 VA	360 VA					1	20 A	EXIST R	14
15	EXIST R	20 A	1			1080...	360 VA			1	20 A	EXIST R	16
17	EXIST R	20 A	1					1080...	180 VA	1	20 A	Receptacle	18
19	Receptacle	20 A	1	1440...	1000...					1	20 A	COPIER	20
21	Receptacle	20 A	1			540 VA	180 VA			1	20 A	Receptacle	22
23	Receptacle	20 A	1					360 VA	180 VA	1	20 A	Receptacle	24
25	Receptacle	20 A	1	1260...	360 VA					1	20 A	TEL BKBD	26
27	Receptacle	20 A	1			1080...	1080...			1	20 A	Receptacle Open Offic...	28
29	Receptacle	20 A	1					540 VA	1080...	1	20 A	Receptacle	30
31	Receptacle Open Offic...	20 A	1	900 VA	1500...					1	20 A	FURNITURE	32
33	FURNITURE	20 A	1			1500...	540 VA			1	20 A	Receptacle	34
35	EXIST R	20 A	1					540 VA	180 VA	1	20 A	EXIST R	36
37	EXIST R	20 A	1	540 VA	540 VA					1	20 A	Receptacle	38
39	Receptacle	20 A	1			540 VA	1165...			2	20 A	VAV	40
41	Receptacle	20 A	1					1500...	1165...	--	--	--	42
			Total Load:	9.88 kVA		10.76 kVA		9.50 kVA					

Load Classification	Connected...	Demand Factor	Estimated...	Panel Totals	
Motor	2330 VA	112.50%	2621 VA		
Receptacle	27820 VA	67.97%	18910 VA	Total Conn. Load:	30150 VA
				Total Est. Demand:	21531 VA
				Total Conn.:	84 A
				Total Est. Demand:	60 A

Notes:

TOTAL CONNECTED		ESTIMATED DEMAND
30.15 kVA		21.53 kVA (60 A)

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Columbus, OH 43215

Drawing Issue Dates

Record Document
October 28, 2016

REVISIONS:

REV NO	DESCRIPTION	DATE
60	PHASE 2	5/24/18

STATE OF OHIO
STANLEY J. KMONK
E-51379
REGISTERED PROFESSIONAL ENGINEER
5/24/18

PANELBOARD SCHEDULES

KORDA
KORDA/NEMETH ENGINEERING
1650 WATERMARK DRIVE
SUITE 200
COLUMBUS, OHIO 43215

DRAWN BY: PSG
DESIGNED BY: PSG
CHECKED BY: CHECKER
PROJECT NUMBER: 2017-5008

E0.09

KORDA | CML

09/22/2017 | 2017-5008