

CKT	LOAD TYPE	LOAD KVA	DESCRIPTION	C	PH	N	G	CB	PHASE			CB	PH	N	G	C	DESCRIPTION	LOAD KVA	LOAD TYPE	CKT
									A	B	C									
1	R	0.900	RECEPT - 502	3/4"	10	10	10	20	1.440			20	10	10	3/4"	RECEPT - C501	0.900	R	2	
3	R	0.720	RECEPT - 502	3/4"	10	10	10	20	1.620			20	10	10	3/4"	RECEPT - 502	0.900	R	4	
5	R	0.720	RECEPT - 504	3/4"	10	10	10	20		1.620		20	10	10	3/4"	RECEPT - 522	0.900	R	6	
7	R	0.900	RECEPT - 504	3/4"	10	10	10	20	1.800			20	10	10	3/4"	RECEPT - 520	0.900	R	8	
9	R	0.900	RECEPT - 506	3/4"	10	10	10	20	1.800			20	10	10	3/4"	RECEPT - 520	0.900	R	10	
11	R	0.720	RECEPT - 506	3/4"	10	10	10	20		1.620		20	10	10	3/4"	RECEPT - 521	0.900	R	12	
13	R	0.720	RECEPT - 508	3/4"	10	10	10	20	1.620			20	10	10	3/4"	RECEPT - 521	0.900	R	14	
15	R	0.900	RECEPT - 508	3/4"	12	12	12	20		1.800		20	10	10	3/4"	RECEPT - 519	0.900	R	16	
17	R	0.540	RECEPT - C500	3/4"	10	10	10	20	1.440			20	10	10	3/4"	RECEPT - 519	0.900	R	18	
19	R	0.900	RECEPT - 501	3/4"	10	10	10	20	1.800			20	10	10	3/4"	RECEPT - 517	0.900	R	20	
21	R	0.720	RECEPT - 501	3/4"	10	10	10	20	1.620			20	10	10	3/4"	RECEPT - 517	0.900	R	22	
23	R	0.720	RECEPT - 503	3/4"	10	10	10	20		1.440		20	10	10	3/4"	RECEPT - 515	0.720	R	24	
25	R	0.900	RECEPT - 503	3/4"	10	10	10	20	1.620			20	10	10	3/4"	RECEPT - 515	0.720	R	26	
27	R	0.900	RECEPT - 505	3/4"	10	10	10	20		1.800		20	12	12	3/4"	RECEPT - 513	0.900	R	28	
29	R	0.720	RECEPT - 505	3/4"	10	10	10	20		1.620		20	12	12	3/4"	RECEPT - 513	0.900	R	30	
31	R	0.900	RECEPT - 507	3/4"	12	12	12	20	1.440			20	10	10	3/4"	RECEPT - C501	0.900	R	32	
33	R	0.720	RECEPT - 507	3/4"	12	12	12	20		1.680		20	12	12	3/4"	EW - C501 (NOTE 2)	0.960	O	34	
35	O	0.600	NAC PANEL - 509B (NOTE 1)	3/4"	12	12	12	20		1.140		20	10	10	3/4"	RECEPT - EXTERIOR	0.540	R	36	
37	O	0.800	AMPLIFIER/CABINET - 509B (NOTE 1)	3/4"	12	12	12	20	1.400			20	12	12	3/4"	RECEPT - 509B	0.600	R	38	
39	O	1.000	NETWORK RACK - 509B	3/4"	12	12	12	20	1.600			20	12	12	3/4"	RECEPT - 509B	0.600	R	40	
41	O	1.000	NETWORK RACK - 509B / 1	3/4"	12	12	12	20		2.000		20	12	12	3/4"	BDA EQUIPMENT - 509B	1.000	O	42	
43	O	0.840	LTS - ELEVATOR OVERHEAD (NOTE 3)	3/4"	10	10	10	20	0.840			20				SPACE		O	44	
45	O	0.400	SPRINKLER BELL	3/4"	12	12	12	20		0.400		20				SPACE		O	46	
47	O	0.400	SPRINKLER BELL	3/4"	12	12	12	20		0.400		20				SPACE		O	48	
49	O		SPACE						0.000			20				SPACE		O	50	
51	O		SPACE						0.000			20				SPACE		O	52	
53	O		SPACE						0.000			20				SPACE		O	54	
55	R		SPACE						0.000			20				SPACE		O	56	
57	R		SPACE						0.000			20				SPACE		O	58	
59	R		SPACE						0.000			20				SPACE		O	60	

LOAD TOTAL:		11.98	12.82	11.25	FED FROM: PANEL AL1	
LOAD TYPE		CONNECTED	DEMAND	MOUNT: SURFACE		
208Y120 V		3 PHASE	4 WIRE	NEMA: 1		
MAINS: MCB		225 A BUS				
22000 AIC		SE LABEL				
ELECTRICAL E02		(R) RECEPTACLES	28.56	68%	19.28	
		(M) MOTOR	0.00	100%	0.00	
		(H) HVAC	0.00	100%	0.00	
		(L) LIGHTING	0.84	125%	1.05	
		(O) OTHER	6.56	100%	6.66	
		(K) KITCHEN EQUIP	0.00	100%	0.00	
TOTAL		36.06	75%	26.99	PROVIDE DOOR WITH LOCK AND HINGED TRIM. PROVIDE COPPER BUSS BARS AND BOLT ON BREAKERS.	

CKT	LOAD TYPE	LOAD KVA	DESCRIPTION	C	PH	N	G	CB	PHASE			CB	PH	N	G	C	DESCRIPTION	LOAD KVA	LOAD TYPE	CKT
									A	B	C									
1	O	0.600	CHILLER CH-1 CONTROLS	3/4"	10	10	10	20	1.200			20	10	10	3/4"	CHILLER CH-2 CONTROLS	0.600	O	2	
3	O	1.000	CH-1 HEAT TRACE (NOTE 1)	3/4"	10	10	10	20	2.000			20	10	10	3/4"	CH-2 HEAT TRACE (NOTE 1)	1.000	O	4	
5	O	1.000	CH-1 HEAT TRACE (NOTE 1)	3/4"	10	10	10	20		2.000		20	10	10	3/4"	CH-2 HEAT TRACE (NOTE 1)	1.000	O	6	
7	M	1.320	PUMP PCHWP-1 [3HP]	3/4"	12	N/A	12	20	2.640			20	12	N/A	12	3/4"	PUMP PCHWP-1 [3HP]	1.320	M	8
9	M	1.320	PUMP PCHWP-1 [3HP]	3/4"	12	N/A	12	20		2.640		20	12	N/A	12	3/4"	PUMP PCHWP-1 [3HP]	1.320	M	10
11	M	1.320	PUMP PCHWP-1 [3HP]	3/4"	12	N/A	12	20		2.640		20	12	N/A	12	3/4"	PUMP PCHWP-1 [3HP]	1.320	M	12
13	R	0.540	RECEPT - EXTERIOR	3/4"	10	10	10	20	0.540			20				SPACE		O	14	
15	O		SPACE						0.000			20				SPACE		O	16	
17	O		SPACE						0.000			20				SPACE		O	18	
19	O		SPACE						0.000			20				SPACE		O	20	
21	O		SPACE						0.000			20				SPACE		O	22	
23	O		SPACE						0.000			20				SPACE		O	24	
25	O		SPACE						0.000			20				SPACE		O	26	
27	O		SPACE						0.000			20				SPACE		O	28	
29	O		SPACE						0.000			20				SPACE		O	30	

LOAD TOTAL:		4.38	4.64	4.64	FED FROM: PANEL AL1	
LOAD TYPE		CONNECTED	DEMAND	MOUNT: SURFACE		
208Y120 V		3 PHASE	4 WIRE	NEMA: 3R		
MAINS: MCB		125 A MCB				
22000 AIC		SE LABEL				
SERVICE YARD		(R) RECEPTACLES	0.84	100%	0.54	
		(M) MOTOR	7.92	100%	7.92	
		(H) HVAC	0.00	100%	0.00	
		(L) LIGHTING	0.00	125%	0.00	
		(O) OTHER	5.20	100%	5.20	
		(K) KITCHEN EQUIP	0.00	100%	0.00	
TOTAL		13.66	100%	13.66	PROVIDE DOOR WITH LOCK AND HINGED TRIM. PROVIDE COPPER BUSS BARS AND BOLT ON BREAKERS.	

CKT	LOAD TYPE	LOAD KVA	DESCRIPTION	C	PH	N	G	CB	PHASE			CB	PH	N	G	C	DESCRIPTION	LOAD KVA	LOAD TYPE	CKT
									A	B	C									
1	R	0.600	RECEPT - 516, 518	3/4"	10	10	10	20	0.600			15	12	12	3/4"	HVLUH-1	0.250	H	2	
3	R	0.600	RECEPT - 510A, 512	3/4"	10	10	10	20		0.850		15	12	12	3/4"	HVLUH-2	0.250	H	4	
5	R	0.600	RECEPT - 510A, 513-1	3/4"	10	10	10	20		1.200		20	12	12	3/4"	CHEMICAL FEED - M01	0.600	H	6	
7	R	0.720	RECEPT - 514	3/4"	10	10	10	20	1.320			20	12	12	3/4"	CHEMICAL FEED - M02	0.600	H	8	
9	R	0.720	RECEPT - 510, 514	3/4"	10	10	10	20		1.320		20	12	12	3/4"	DDC PANEL - M01	0.600	H	10	
11	R	0.720	RECEPT - 510	3/4"	10	10	10	20	1.440			20	12	12	3/4"	RECEPT - M01, 509A	0.720	R	12	
13	O	0.960	EW - C500A (NOTE 1)	3/4"	10	10	10	20	1.680			20	12	12	3/4"	RECEPT - M02	0.720	R	14	
15	R	0.360	RECEPT - 509	3/4"	12	12	12	20	0.809			15	12	12	3/4"	BOILER B-1	0.449	H	16	
17	O	1.200	COPIER - 509	3/4"	12	12	12	20		1.649		15	12	12	3/4"	BOILER B-2	0.449	H	18	
19	R	0.360	RECEPT - 509	3/4"	12	12	12	20	0.360			20				SPACE		O	20	
21	R	0.300	RECEPT - 509	3/4"	12	12	12	20	0.300			20				SPACE		O	22	
23	O	1.200	REFRIGERATOR - 509	3/4"	12	12	12	20		1.400		15	12	12	3/4"	WATER HEATER WH-1	0.200	O	24	
25	O	1.500	MICROWAVE - 509	3/4"	12	12	12	20	1.700			15	12	12	3/4"	RECIRCULATION PUMP	0.200	O	26	
27	R	0.300	RECEPT - 509	3/4"	12	12	12	20	0.680			20	12	12	3/4"	RECEPT - E02	0.360	R	28	
29	R	0.300	RECEPT - 509	3/4"	12	12	12	20	0.900			20	12	12	3/4"	DDC PANEL - M02	0.600	H	30	
31	R	0.720	RECEPT - C500, C500A, C500B, EXTERIOR	3/4"	10	10	10	20	2.040			20				PHWP-1 [3HP]	1.320	M	32	
33	R	0.720	RECEPT - EXTERIOR	3/4"	10	10	10	20	2.040			20	12	N/A	12	3/4"	PHWP-2 [3HP]	1.320	M	34
35	O		SPACE						0.000			20				SPACE		O	36	
37	O		SPACE						1.320			20				SPACE		O	38	
39	O		SPACE						1.320			20	12	N/A	12	3/4"	SPACE		O	40
41	O		SPACE						1.320			20				SPACE		O	42	
43	O		SPACE						0.000			20				SPACE		O	44	
45	O		SPACE						0.000			20				SPACE		O	46	
47	O		SPACE						0.000			20				SPACE		O	48	
49	O		SPACE						0.000			20				SPACE		O	50	
51	O		SPACE						0.000			20				SPACE		O	52	
53	O		SPACE						0.000			20				SPACE		O	54	