

PANEL: L1A VOLTAGE: 120 / 208 v. TYPE: NEMA 1 FED FROM: 3 PH 4 W. 60 HZ MOUNTING: SURFACE PANEL COVER: YES NEUTRAL BUS: YES GROUND BUS: YES ISOLATED GND: NO NOTE: FEED-THRU LUGS, 225A 10,000 SYM RMS AMPS COMBINED PANEL SHORT CIRCUIT RATING

DESCRIPTION	CCT VA	BREAKER AMP / P	CCT PH CCT	BREAKER AMP / P	CCT VA	DESCRIPTION
RECEPT. Elec. Room 114	540	20 / 1	1 A 2	20 / 1	1,440	RECEPT. Hallway C-116
RECEPT. Growth MD 3 115	1,440	20 / 1	3 B 4	20 / 1	360	RECEPT. MTC 125
RECEPT. Growth MD 2 116	1,440	20 / 1	5 C 6	20 / 1	360	Refrig. Break Room 113
RECEPT. Growth Psych 2 118	1,800	20 / 1	7 A 8	20 / 1	180	Microwave Break Room 113
RECEPT.	720	20 / 1	9 B 10	20 / 1	180	RECEPT. Tele Psych 126
RECEPT. RN 2 123	720	20 / 1	11 C 12	20 / 1	720	RECEPT. Tele Psych 1 109
RECEPT. LUNI Psych Intern 124	720	20 / 1	13 A 14	20 / 1	720	RECEPT. View Room 106
RECEPT. Tele Psych 125	720	20 / 1	15 B 16	20 / 1	360	RECEPT. Group Room 4 104
RECEPT. Group Room 3 127	1,080	20 / 1	17 C 18	20 / 1	1,080	RECEPT. Group Room 4 104
RECEPT. Group Room 2 128	720	20 / 1	19 A 20	20 / 1	360	RECEPT. Group Room 4 104
RECEPT. Group Room 1 129	720	20 / 1	21 B 22	20 / 1	180	RECEPT. Group Room 4 104
RECEPT. Group Room 1 129	180	20 / 1	23 C 24	20 / 1	360	RECEPT.
RECEPT. Group Room 2 128	180	20 / 1	25 A 26	20 / 1	180	RECEPT. Hallway C-123
RECEPT. Group Room 3 127	180	20 / 1	27 B 28	20 / 1	540	RECEPT. Gen. Waiting C-119
RECEPT. Reception C-122	180	20 / 1	29 C 30	20 / 1	180	RECEPT. Gen. Waiting C-119
RECEPT. Reception C-122	180	20 / 1	31 A 32	20 / 1	720	RECEPT. Gen. Waiting C-119
RECEPT. Room 132, C-122	360	20 / 1	33 B 34	20 / 1	720	RECEPT. Room 130, 131
RECEPT. Reception C-122	540	20 / 1	35 C 36	20 / 1	180	RECEPT. Vending C-125
RECEPT. Reception C-122	180	20 / 1	37 A 38	20 / 1	180	RECEPT. Vending C-125
RECEPT. Waiting Area C-124	360	20 / 1	39 B 40	20 / 1	540	RECEPT. Security 132
RECEPT. Waiting Area C-124	180	20 / 1	41 C 42	20 / 1	-	SPARE

PANEL LOADING SUMMARY				DEMAND LOAD SUMMARY			
LOAD TYPE	A	B	C	POWER KW	FACT	DEMAND KVA	NEC CALCULATED LOAD
INCANDESCENT	0.0	0.0	0.0	0.0	@ 100%	0.0	0.0 KVA
FLUORESCENT	0.0	0.0	0.0	0.0	@ 125%	0.0	0.0 KVA
RECEPTACLES	8.1	7.4	7.2	22.7	@ 125%	0.0	0.0 KVA
MOTORS	0.0	0.0	0.0	0.0	@ 100%	0.0	0.0 KVA
APPLIANCE	0.0	0.0	0.0	0.0	@ 100%	0.0	0.0 KVA
HEAT	0.0	0.0	0.0	0.0	@ 100%	0.0	0.0 KVA
COMPUTER	0.0	0.0	0.0	0.0	@ 100%	0.0	0.0 KVA
OTHER	0.0	0.0	0.0	0.0	@ 100%	0.0	0.0 KVA
SUB-FEED	0.0	0.0	0.0	0.0	@ 100%	0.0	0.0 KVA
TOTAL	8.1	7.4	7.2	22.7			

PHASE BALANCE (%)			
A-B	B-C	C-A	PF
91	98	89	95

MIN PANEL AMPACITY	
45	AMPERES

PANEL: L1B VOLTAGE: 120 / 208 v. TYPE: NEMA 1 FED FROM: L1A 3 PH 4 W. 60 HZ MOUNTING: SURFACE PANEL COVER: YES NEUTRAL BUS: YES GROUND BUS: YES ISOLATED GND: NO NOTE: FEED-THRU LUGS, 225A 10,000 SYM RMS AMPS COMBINED PANEL SHORT CIRCUIT RATING

DESCRIPTION	CCT VA	BREAKER AMP / P	CCT PH CCT	BREAKER AMP / P	CCT VA	DESCRIPTION
RECEPT. Mech. Room 2 108-2	720	20 / 1	1 A 2	20 / 1	-	SPARE
RECEPT. Mech. Room 2 108-1	360	20 / 1	3 B 4	20 / 1	-	SPARE
DHWRP-1	528	15 / 1	5 C 6	20 / 1	-	SPARE
RECEPT.	180	20 / 1	7 A 8	20 / 3	807	HAND DRYER (RESTRM 101)
RECEPT.	360	20 / 1	9 B 10	20 / 1	807	
RECEPT.	180	20 / 1	11 C 12	20 / 1	807	
SPARE	-	20 / 1	13 A 14	20 / 3	807	HAND DRYER (RESTRM 102)
CU-1	1,560	20 / 3	15 B 16	20 / 1	807	
	1,560	1 / 1	17 C 18	20 / 1	807	
	1,560	1 / 1	19 A 20	30 / 2	500	RECEPT. MTC 125
ACU-1	100	15 / 2	21 B 22	20 / 1	500	L6-30
	100	1 / 1	23 C 24	30 / 2	500	RECEPT. MTC 125
SPARE	-	20 / 1	25 A 26	20 / 1	500	L6-30
SPARE	-	20 / 1	27 B 28	20 / 1	720	RECEPT. MTC 125
SPARE	-	20 / 1	29 C 30	20 / 1	180	RECEPT. RM 133
SPARE	-	20 / 1	31 A 32	20 / 1	180	WATER COOLERS
SPARE	-	20 / 1	33 B 34	20 / 1	-	SPARE
SPARE	-	20 / 1	35 C 36	20 / 1	200	CAB LIGHTING
SPARE	-	20 / 1	37 A 38	20 / 1	100	ELEV PIT LIGHTING
SECURITY LOCKS	300	20 / 1	39 B 40	20 / 1	180	ELEV PIT RECEPT
SECURITY LOCKS	300	20 / 1	41 C 42	20 / 1	1,176	SUMP PUMP

PANEL LOADING SUMMARY				DEMAND LOAD SUMMARY			
LOAD TYPE	A	B	C	POWER KW	FACT	DEMAND KVA	NEC CALCULATED LOAD
INCANDESCENT	0.0	0.0	0.0	0.0	@ 100%	0.0	0.0 KVA
FLUORESCENT	0.0	0.0	0.0	0.0	@ 125%	0.0	0.0 KVA
RECEPTACLES	1.1	1.6	0.9	3.6	@ 125%	0.0	0.0 KVA
MOTORS	1.6	1.7	2.8	6.1	@ 100%	0.0	0.0 KVA
APPLIANCE	0.0	0.0	0.0	0.0	@ 100%	0.0	0.0 KVA
HEAT	0.0	0.0	0.0	0.0	@ 100%	0.0	0.0 KVA
COMPUTER	1.0	0.6	0.5	2.0	@ 100%	0.0	0.0 KVA
OTHER	1.6	1.9	1.9	5.4	@ 100%	0.0	0.0 KVA
SUB-FEED	0.0	0.0	0.0	0.0	@ 100%	0.0	0.0 KVA
TOTAL	5.4	5.7	6.3	17.4			

PHASE BALANCE (%)			
A-B	B-C	C-A	PF
94	90	84	87

MIN PANEL AMPACITY	
52	AMPERES

PANEL: L2A VOLTAGE: 120 / 208 v. TYPE: NEMA 1 FED FROM: 3 PH 4 W. 60 HZ MOUNTING: SURFACE PANEL COVER: YES NEUTRAL BUS: YES GROUND BUS: YES ISOLATED GND: NO NOTE: FEED-THRU LUGS, 225A 10,000 SYM RMS AMPS COMBINED PANEL SHORT CIRCUIT RATING

DESCRIPTION	CCT VA	BREAKER AMP / P	CCT PH CCT	BREAKER AMP / P	CCT VA	DESCRIPTION
RECEPT. Psych OIF 2B-122	1,440	20 / 1	1 A 2	20 / 1	1,440	RECEPT. Hallway C2B-16
RECEPT. MD OIF 2B-124	1,440	20 / 1	3 B 4	20 / 1	720	RECEPT. Staff Lounge 2B-121
RECEPT. PA TRP 2B-127	1,440	20 / 1	5 C 6	20 / 1	180	RECEPT. Staff Lounge 2B-121
RECEPT. MD TRP 2B-129	1,440	20 / 1	7 A 8	20 / 1	180	RECEPT. Staff Lounge 2B-121
RECEPT. SW TRP 2B-131	1,440	20 / 1	9 B 10	20 / 1	180	RECEPT. Staff Lounge 2B-121
RECEPT. SW TRP 2B-134	1,440	20 / 1	11 C 12	20 / 1	180	RECEPT. Staff Lounge 2B-121
RECEPT. MD TRP 2B-136	1,440	20 / 1	13 A 14	20 / 1	180	RECEPT. Staff Lounge 2B-121
RECEPT. PA TRP 2B-141	1,260	20 / 1	15 B 16	20 / 1	720	RECEPT. Conference Room 2B-120
RECEPT. Dr. Garza 2B-142	1,620	20 / 1	17 C 18	20 / 1	360	RECEPT. Conference Room 2B-120
RECEPT. SW TRP 244	1,260	20 / 1	19 A 20	20 / 1	1,440	RECEPT. MD OIF 2B-125
RECEPT. TRP Fellow 249	1,440	20 / 1	21 B 22	20 / 1	720	RECEPT. Flex Room 2B-118
RECEPT. Program Assistant 251	1,260	20 / 1	23 C 24	20 / 1	-	SPARE
RECEPT. Elevator Lobby C-210	720	20 / 1	25 A 26	20 / 1	-	SPARE
SPARE	-	20 / 1	27 B 28	20 / 1	720	RECEPT. Copy Room 2B-139
RECEPT. RA Research-1 205-1	1,260	20 / 1	29 C 30	20 / 1	180	RECEPT. Copy Room 2B-139
RECEPT. Dr. Teng 206	1,440	20 / 1	31 A 32	20 / 1	720	RECEPT. Flex Room 2B-110
RECEPT. RA Research 2B-108	1,440	20 / 1	33 B 34	20 / 1	1,200	RECEPT. Flex Room 245
RECEPT. SW OEF 2B-112	1,440	20 / 1	35 C 36	20 / 1	1,440	RECEPT. Flex Room 247
SPARE	-	20 / 1	37 A 38	20 / 1	1,440	RECEPT. MD OEF 2B-115
SPARE	-	20 / 1	39 B 40	20 / 1	180	RECEPT. Housekeeping 2B-117
SPARE	-	20 / 1	41 C 42	20 / 1	-	SPARE

PANEL LOADING SUMMARY				DEMAND LOAD SUMMARY			
LOAD TYPE	A	B	C	POWER KW	FACT	DEMAND KVA	NEC CALCULATED LOAD
INCANDESCENT	0.0	0.0	0.0	0.0	@ 100%	0.0	0.0 KVA
FLUORESCENT	0.0	0.0	0.0	0.0	@ 125%	0.0	0.0 KVA
RECEPTACLES	10.0	11.5	10.8	35.3	@ 125%	0.0	0.0 KVA
MOTORS	0.0	0.0	0.0	0.0	@ 100%	0.0	0.0 KVA
APPLIANCE	0.0	0.0	0.0	0.0	@ 100%	0.0	0.0 KVA
HEAT	0.0	0.0	0.0	0.0	@ 100%	0.0	0.0 KVA
COMPUTER	0.0	0.0	0.0	0.0	@ 100%	0.0	0.0 KVA
OTHER	0.0	0.0	0.0	0.0	@ 100%	0.0	0.0 KVA
SUB-FEED	0.0	0.0	0.0	0.0	@ 100%	0.0	0.0 KVA
TOTAL	13.0	11.5	10.8	35.3			

PHASE BALANCE (%)			
A-B	B-C	C-A	PF
89	94	83	95

MIN PANEL AMPACITY	
63	AMPERES

PANEL: L2B VOLTAGE: 120 / 208 v. TYPE: NEMA 1 FED FROM: L2A 3 PH 4 W. 60 HZ MOUNTING: SURFACE PANEL COVER: YES NEUTRAL BUS: YES GROUND BUS: YES ISOLATED GND: NO NOTE: FEED-THRU LUGS, 225A 10,000 SYM RMS AMPS COMBINED PANEL SHORT CIRCUIT RATING

DESCRIPTION	CCT VA	BREAKER AMP / P	CCT PH CCT	BREAKER AMP / P	CCT VA	DESCRIPTION
RECEPT. Elec RM 200	360	20 / 1	1 A 2	20 / 1	720	RECEPT. ITC 2B-132
SPARE	-	20 / 1	3 B 4	20 / 1	180	RECEPT. ITC 2B-132
RECEPT (ROOF)	720	20 / 1	5 C 6	20 / 1	180	RECEPT. ITC 2B-132
SPARE	-	20 / 1	7 A 8	15 / 2	200	ACU-3
CU-2	1,248	20 / 2	9 B 10	20 / 1	200	
	1,248	1 / 1	11 C 12	20 / 1	-	SPARE
ACU-2	100	15 / 2	13 A 14	20 / 3	1,560	CU-3
	100	1 / 1	15 B 16	20 / 1	1,560	
MECHOSHADOWS	552	15 / 1	17 C 18	20 / 1	1,560	
MECHOSHADOWS	276	15 / 1	19 A 20	20 / 1	1,587	EF-1
SPARE	-	20 / 1	21 B 22	20 / 1	-	SPARE
SPARE	-	20 / 1	23 C 24	20 / 1	-	SPARE
SPARE	-	20 / 1	25 A 26	20 / 1	-	SPARE
SPARE	-	20 / 1	27 B 28	20 / 1	-	SPARE
SPARE	-	20 / 1	29 C 30	20 / 1	-	SPARE
SPARE	-	20 / 1	31 A 32	20 / 1	-	SPARE
SPARE	-	20 / 1	33 B 34	20 / 1	-	SPARE
SPARE	-	20 / 1	35 C 36	20 / 1	-	SPARE
SPARE	-	20 / 1	37 A 38	20 / 1	-	SPARE
SECURITY LOCKS	-	20 / 1	39 B 40	20 / 1	-	BAS CONTROLS
SECURITY LOCKS	-	20 / 1	41 C 42	20 / 1	-	BAS CONTROLS

PANEL LOADING SUMMARY				DEMAND LOAD SUMMARY			
LOAD TYPE	A	B	C	POWER KW	FACT	DEMAND KVA	NEC CALCULATED LOAD
INCANDESCENT	0.0	0.0	0.0	0.0	@ 100%	0.0	0.0 KVA
FLUORESCENT	0.0	0.0	0.0	0.0	@ 125%	0.0	0.0 KVA
RECEPTACLES	1.1	0.2	0.9	2.2	@ 125%	0.0	0.0 KVA
MOTORS	3.7	3.1	3.4	10.2	@ 100%	0.0	0.0 KVA
APPLIANCE	0.0	0.0	0.0	0.0	@ 100%	0.0	0.0 KVA
HEAT	0.0	0.0	0.0	0.0	@ 100%	0.0	0.0 KVA
COMPUTER	0.0	0.0	0.0	0.0	@ 100%	0.0	0.0 KVA
OTHER	0.0	0.0	0.0	0.0	@ 100%	0.0	0.0 KVA
SUB-FEED	0.0	0.0	0.0	0.0	@ 100%	0.0	0.0 KVA
TOTAL	4.8	3.3	4.3	12.4			

PHASE BALANCE (%)			
A-B	B-C	C-A	PF
68	77	89	83

MIN PANEL AMPACITY	
38	AMPERES

PANEL LEGEND		
L1A	L1B	
L2A	L2B	

ISSUE FOR CONSTRUCTION
FULLY SPRINKLERED

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