

Branch Panel: 899-LP-1-04										
Location: ELECTRICAL 17-1-041					Volts: 120/208 Wye & GRD					
Supply From: 899-HP-XFMR-04					Phases: 3					
Mounting: Surface					Wires: 4					
Enclosure: Type 1					A.I.C. Rating: 22kAIC					
					Main Type: M.C.B					
					Main Rating: 225 A					
					MCB Rating: 225 A					
Notes:										
CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
899-LP-1-04#1	BLDG EXTERIOR PARKING SECURITY/ACCESS DEVICE (ITEM A0)	20 A	1	0.18 kVA	0.54 kVA			1	20 A	899-LP-1-04#2
899-LP-1-04#3	BLDG EXTERIOR NEAR SIGNAGE SECURITY/ACCESS DEVICE (ITEM A0)	20 A	1		0.18 kVA	0.54 kVA		1	20 A	899-LP-1-04#4
899-LP-1-04#5	VESTIBULE SECURITY/ACCESS DEVICE (ITEM A0)	20 A	1			0.40 kVA	0.60 kVA	1	20 A	899-LP-1-04#6
899-LP-1-04#7	DRINKING FOUNTAIN RECEPTACLE	20 A	1	0.60 kVA	0.72 kVA			1	20 A	899-LP-1-04#8
899-LP-1-04#9	INFANT 1/2 CLASSROOM RECEPTABLES	20 A	1		1.44 kVA	0.20 kVA		1	20 A	899-LP-1-04#10
899-LP-1-04#11	INFANT 2 CLASSROOM RECEPTABLES	20 A	1			1.26 kVA	0.20 kVA	1	20 A	899-LP-1-04#12
899-LP-1-04#13	WELLNESS APPLIANCE (ITEM B2)	20 A	1	1.20 kVA	1.26 kVA			1	20 A	899-LP-1-04#14
899-LP-1-04#15	HEALTH AND SAFETY DIRECTOR OFFICE RECEPTABLES	20 A	1		0.36 kVA	0.54 kVA		1	20 A	899-LP-1-04#16
899-LP-1-04#17	WARMING KITCHEN RECEPTABLES	20 A	1			0.36 kVA	2.00 kVA			899-LP-1-04#18
899-LP-1-04#19	LAUNDRY DRYER RECEPTACLE 4#6 & 1#10G - 1°C	50 A	2	2.00 kVA	2.00 kVA			2	50 A	899-LP-1-04#20
899-LP-1-04#21	WARMING KITCHEN RECEPTABLES	20 A	1			0.54 kVA	12.45 kVA	3	125 A	899-LP-1-04#22
899-LP-1-04#23	SECURITY/ACCESS DEVICE (ITEM A0)	20 A	1	0.20 kVA	8.30 kVA					899-LP-1-04#24
899-LP-1-04#25	LAUNDRY WASHER RECEPTACLE	20 A	1		0.60 kVA	0.60 kVA		1	20 A	899-LP-1-04#26
899-LP-1-04#27	LAUNDRY WASHER RECEPTACLE	20 A	1			0.60 kVA	0.60 kVA	1	20 A	899-LP-1-04#28
899-LP-1-04#29	HEALTH AND SAFETY DIRECTOR OFFICE RECEPTABLES	20 A	1	0.36 kVA	0.54 kVA			1	20 A	899-LP-1-04#30
899-LP-1-04#31	WARMING KITCHEN/WATER HEATER RECEPTABLES	20 A	1		0.72 kVA	1.08 kVA		1	20 A	899-LP-1-04#32
899-LP-1-04#33	WELLNESS RECEPTABLES	20 A	1			0.72 kVA	1.08 kVA	1	20 A	899-LP-1-04#34
899-LP-1-04#35	LAUNDRY WASHER RECEPTACLE	20 A	1	0.60 kVA	0.60 kVA			1	20 A	899-LP-1-04#36
899-LP-1-04#37	TODDLER 3 CLASSROOM RECEPTABLES	20 A	1		1.26 kVA	1.26 kVA		1	20 A	899-LP-1-04#38
899-LP-1-04#39	TODDLER 4 CLASSROOM RECEPTABLES	20 A	1			1.26 kVA	1.26 kVA	1	20 A	899-LP-1-04#40
899-LP-1-04#41	LOBBY/RECEPTION DESK RECEPTACLE	20 A	1	0.72 kVA	1.08 kVA			1	20 A	899-LP-1-04#42
899-LP-1-04#43	TODDLER 1/2 CLASSROOM RECEPTABLES	20 A	1		1.44 kVA	0.00 kVA		1	20 A	899-LP-1-04#44
899-LP-1-04#45	TODDLER 3/4 CLASSROOM RECEPTABLES	20 A	1			1.44 kVA	0.10 kVA	1	20 A	899-LP-1-04#46
899-LP-1-04#47	TODDLER 2 CLASSROOM RECEPTABLES	20 A	1	1.26 kVA	1.26 kVA			1	20 A	899-LP-1-04#48
899-LP-1-04#49	WATER HEATER RM. TRAP PRIMERS ITEM B3	20 A	1		0.30 kVA	0.17 kVA				899-LP-1-04#50
899-LP-1-04#51	WARMING KITCHEN ITEM A9 - WATER COOLER	20 A	1			0.60 kVA	0.17 kVA	3	40 A	899-LP-1-04#52
899-LP-1-04#53	INFANT 3/4 CLASSROOM RECEPTABLES	20 A	1	1.44 kVA	0.17 kVA					899-LP-1-04#54
899-LP-1-04#55	LAUNDRY KITCHEN APPLIANCE A5' 4#6 & 1#10G - 3/4°C	40 A	3		0.17 kVA	0.17 kVA		3	40 A	899-LP-1-04#56
899-LP-1-04#57	Spare	20 A	1		0.00 kVA	0.00 kVA		1	20 A	899-LP-1-04#58
899-LP-1-04#59	Spare	20 A	1			0.00 kVA	0.00 kVA	1	20 A	899-LP-1-04#60
899-LP-1-04#61	Spare	20 A	1	0.00 kVA	0.00 kVA			1	20 A	899-LP-1-04#62
899-LP-1-04#63	Spare	20 A	1		0.00 kVA	0.00 kVA		1	20 A	899-LP-1-04#64
899-LP-1-04#65	Spare	20 A	1			0.00 kVA	0.00 kVA	1	20 A	899-LP-1-04#66
899-LP-1-04#67	Spare	20 A	1	0.00 kVA	0.00 kVA			1	20 A	899-LP-1-04#68
899-LP-1-04#69	Spare	20 A	1		0.00 kVA	0.00 kVA		1	20 A	899-LP-1-04#70
899-LP-1-04#71	Spare	20 A	1			0.00 kVA	0.00 kVA	1	20 A	899-LP-1-04#72
899-LP-1-04#73	Spare	20 A	1	0.00 kVA	0.00 kVA			1	20 A	899-LP-1-04#74
899-LP-1-04#75	Spare	20 A	1		0.00 kVA	0.00 kVA		1	20 A	899-LP-1-04#76
899-LP-1-04#77	Spare	20 A	1			0.00 kVA	0.00 kVA	1	20 A	899-LP-1-04#78
899-LP-1-04#79	Spare	20 A	1	0.00 kVA	0.00 kVA			1	20 A	899-LP-1-04#80
899-LP-1-04#81	Spare	20 A	1		0.00 kVA	0.00 kVA		1	20 A	899-LP-1-04#82
899-LP-1-04#83	Spare	20 A	1			0.00 kVA	0.00 kVA	1	20 A	899-LP-1-04#84
Total Load:				25.36 kVA	25.47 kVA	25.97 kVA				
Total Amps:				211 A	212 A	217 A				
Legend:										
Load Classification										
Kitchen Equipment - Non-Dwelling Unit				Connected Load		Demand Factor		Estimated Demand		Panel Totals
Other				57.0 kVA		65.00%		3.71 kVA		Total Conn. Load: 76.60 kVA
Receptacle				42.86 kVA		65.00%		36.43 kVA		Total Est. Demand: 59.31 kVA
Spare				28.14 kVA		67.77%		19.07 kVA		Total Conn. Current: 213 A
				0.10 kVA		100.00%		0.10 kVA		Total Est. Demand Current: 165 A

PANEL SCHEDULE NOTES:

- ALL WIRING SHALL BE 2#12 & 1#12G - 3/4°C UNLESS OTHERWISE NOTED.
- ALL RUNS OF 75 FEET SHALL BE #10 AWG.
- ENERGY METERS NOTED ON E-700 MAYBE INTEGRATED UNTO THE PANELBOARD IN LIEU OF PROVIDING A SEPARATE WALL MOUNTED UNIT.

Branch Panel: 899-LP-1-05											
Location: TELE/ATA 17-1-027				Volts: 120/208 Wye & GRD				A.I.C. Rating: 22kAIC			
Supply From: 899-LP-1-02				Phases: 3				Main Type: M.C.B			
Mounting: Surface				Wires: 4				Main Rating: 100 A			
Enclosure: Type 1								MCB Rating: 50 A			
Notes:											
CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
899-LP-1-05#1	TELE/ATA BMS PANEL (LOCKABLE TYP. BRK. SEE...	20 A	1	0.18 kVA	0.18 kVA			1	20 A	899-LP-1-05#2	
899-LP-1-05#3	TELE/ATA SECURITY PANEL (LOCKABLE TYP. BRK. SEE...	20 A	1		0.18 kVA	1.16 kVA		1	20 A	899-LP-1-05#4	
899-LP-1-05#5	TELE/ATA RECEPTABLES	20 A	1			1.00 kVA	0.75 kVA	2	30 A	899-LP-1-05#6	
899-LP-1-05#7	TELE/ATA IT RECEPTACLE L5-20R	20 A	1	1.00 kVA	0.75 kVA					899-LP-1-05#8	
899-LP-1-05#9	TELE/ATA L6-30R IT RECEPTACLE 2#10 & 1#10G - 3/4°C (UPS UNIT)	30 A	2		0.75 kVA	0.00 kVA		1	20 A	899-LP-1-05#10	
899-LP-1-05#11						0.75 kVA	0.00 kVA	1	20 A	899-LP-1-05#12	
899-LP-1-05#13	Spare	20 A	1	0.00 kVA	0.00 kVA			1	20 A	899-LP-1-05#14	
899-LP-1-05#15	Spare	20 A	1		0.00 kVA	0.00 kVA		1	20 A	899-LP-1-05#16	
899-LP-1-05#17	Space	--	--			0.00 kVA	0.00 kVA	--	--	899-LP-1-05#18	
899-LP-1-05#19	Space	--	--	0.00 kVA	0.00 kVA			--	--	899-LP-1-05#20	
899-LP-1-05#21	Space	--	--		0.00 kVA	0.00 kVA		--	--	899-LP-1-05#22	
899-LP-1-05#23	Space	--	--			0.00 kVA	0.00 kVA	--	--	899-LP-1-05#24	
Total Load:				2.11 kVA	2.09 kVA	2.50 kVA					
Total Amps:				18 A	17 A	21 A					
Legend:											
Load Classification				Connected Load	Demand Factor	Estimated Demand	Panel Totals				
Other				6.34 kVA	85.00%	5.39 kVA	Total Conn. Load: 6.70 kVA				
Receptacle				0.36 kVA	100.00%	0.36 kVA	Total Est. Demand: 5.75 kVA				
							Total Conn. Current: 19 A				
							Total Est. Demand Current: 16 A				

PANEL 899-LP-1-05 NOTE:

- PROVIDE LOCKABLE TYPE CIRCUIT BREAKER.

Branch Panel: 899-LP-1-04A										
Location: ELECTRICAL 17-1-041					Volts: 120/208 Wye & GRD					
Supply From: 899-LP-1-04					Phases: 3					
Mounting: Surface					Wires: 4					
Enclosure: Type 1					A.I.C. Rating: 22kAIC					
					Main Type: M.C.B					
					Main Rating: 125 A					
					MCB Rating: 125 A					
Notes:										
CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT
899-LP-1-04A#1	EV CAR CHARGERS (SEE NOTE 1) **	50 A	2	4.15 kVA	4.15 kVA			2	50 A	899-LP-1-04A#2
899-LP-1-04A#3					4.15 kVA	4.15 kVA				899-LP-1-04A#4
899-LP-1-04A#5	EV CAR CHARGERS (SEE NOTE 1) **	50 A	2			4.15 kVA	0.00 kVA	1	20 A	899-LP-1-04A#6
899-LP-1-04A#7				4.15 kVA	0.00 kVA			1	20 A	899-LP-1-04A#8
899-LP-1-04A#9	EV CAR CHARGERS (SEE NOTE 1) **	50 A	2		4.15 kVA	0.00 kVA		1	20 A	899-LP-1-04A#10
899-LP-1-04A#11						4.15 kVA	0.00 kVA	1	20 A	899-LP-1-04A#12
899-LP-1-04A#13	Spare	20 A	1	0.00 kVA	0.00 kVA			1	20 A	899-LP-1-04A#14
899-LP-1-04A#15	Spare	20 A	1		0.00 kVA	0.00 kVA		--	--	899-LP-1-04A#16
899-LP-1-04A#17	Spare	--	--			0.00 kVA	0.00 kVA	--	--	899-LP-1-04A#18
899-LP-1-04A#19	Spare	--	--	0.00 kVA	0.00 kVA			--	--	899-LP-1-04A#20
899-LP-1-04A#21	Spare	--	--		0.00 kVA	0.00 kVA		--	--	899-LP-1-04A#22
899-LP-1-04A#23	Spare	--	--			0.00 kVA	0.00 kVA	--	--	899-LP-1-04A#24
Total Load:				12.45 kVA	12.45 kVA	8.30 kVA				
Total Amps:				109 A	109 A	69 A				
Legend:										
Load Classification				Connected Load	Demand Factor	Estimated Demand	Panel Totals			
Other				33.20 kVA	85.00%	28.22 kVA	Total Conn. Load: 33.20 kVA			
							Total Est. Demand: 28.22 kVA			
							Total Conn. Current: 92 A			
							Total Est. Demand Current: 78 A			