

(E) Switchboard: I-LINE SB

Location:
Supply From: UTILITY
Mounting:
Enclosure: NEMA1

Volts: 120/208 Wye
Phases: 3
Wires: 4

A.I.C. Rating: 65,000 A.I.C.
Mains Type: MCB
Mains Rating: 800 A
MCB Rating: 800 A

Notes:

CKT		Circuit Description	# of Poles	Frame Size	Trip Rating	Load	Remarks
1	CB2		3	800 A	800 A	131680 VA	
2	A		3	225 A	225 A	79094 VA	
3	B		3	225 A	225 A	46980 VA	
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
						Total Conn. Load:	257753 VA
						Total Amps:	715 A

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Kitchen Equipment - Non-Dwelling Unit	18548 VA	65.00%	12056 VA	
Other	58 VA	100.00%	58 VA	Total Conn. Load: 257753 VA
Receptacle	18000 VA	77.78%	14000 VA	Total Est. Demand: 247261 VA
Power	58686 VA	100.00%	58686 VA	Total Conn.: 715 A
Lighting	10221 VA	100.00%	10221 VA	Total Est. Demand: 686 A
MISC EQUIP	152248 VA	100.00%	152248 VA	

Notes:

Existing Branch... CB3																
Location: Supply From: CB2 Mounting: Surface Enclosure: Type 1						Volts: 120/208 Wye Phases: 3 Wires: 4				A.I.C. Rating: Maine Type: MCB Bus Amps: 225 A MCB Rating: 225 A						
Notes:																
CB Info	CKT	Circuit Description			Amps	Trips	Poles	A	B	C	Poles	Trips	Amps	Circuit Description	CKT	CB Info
	1	EXISTING			--	20 A	1	0 VA	0 VA		1	20 A	--	EXISTING	2	
	3	EXISTING			--	20 A	1		0 VA	0 VA	1	20 A	--	EXISTING	4	
	5	EXISTING			--	20 A	1			0 VA	0 VA	1	20 A	--	EXISTING	6
	7	EXISTING			--	20 A	1	0 VA	0 VA		1	20 A	--	EXISTING	8	
	9	EXISTING			--	20 A	1		0 VA	0 VA	1	20 A	--	EXISTING	10	
	11	EXISTING			--	20 A	1			0 VA	0 VA	1	20 A	--	EXISTING	12
	13	EXISTING			--	20 A	1	0 VA	0 VA		1	20 A	--	EXISTING	14	
	15	EXISTING			--	20 A	1		0 VA	0 VA	1	20 A	--	EXISTING	16	
	17	EXISTING			--	20 A	1			0 VA	0 VA	1	20 A	--	EXISTING	18
	19	EXISTING			--	20 A	1	0 VA	0 VA		1	20 A	--	EXISTING	20	
	21	EXISTING			--	20 A	1		0 VA	0 VA	1	20 A	--	EXISTING	22	
	23	EXISTING			--	20 A	1			0 VA	0 VA	1	20 A	--	EXISTING	24
	25	EXISTING			--	20 A	1	0 VA	0 VA		1	20 A	--	EXISTING	26	
	27	UH-1			24.0	30 A	2		2500 VA	2500 VA	2	30 A	24.0	UH-2	28	
	29									2500 VA	2500 VA	2	30 A		30	
	31							7320 VA	1680 VA						32	
	33	RTU-1 (E)			60.95	70 A	3		7320 VA	1680 VA	3	20 A	13.99	RTU-7	34	
	35									7320 VA	1680 VA	3	20 A		36	
	37									7320 VA	1680 VA	3	20 A		38	
	39	RTU-2 (E)			60.95	70 A	3		7320 VA	7320 VA	3	70 A	60.95	RTU-4 (E)	40	
	41									7320 VA	7320 VA	3	70 A		42	
					Total Load:			23640 VA				28640 VA				
					Tot..			197 A		245 A		245 A				
CIRCUIT BREAKER INFORMATION LEGEND:																
G = GROUND FAULT SENSING																
S = SHUNT TRIP																
L = LOCK OUT																
A = ARC FAULT INTERRUPTER																
ABBREVIATIONS:																
MCB = MAIN CIRCUIT BREAKER																
CB = CIRCUIT BREAKER																
CKT = CIRCUIT																
Load Classification		Connected Load		Demand Factor		Estimated Demand		Panel Totals								
MISC EQUIP		80920 VA		100.00%		80920 VA										
						Total Conn. Load:		80920 VA								
						Total Est. Demand:		80920 VA								
						Total Conn.:		225 A								
						Total Est. Demand:		225 A								
Notes:																

Branch Panel: A																		
Location: Supply From: I-LINE GB Mounting: Surface Enclosure: Type 1							Volts: 120/208 Wye Phases: 3 Wires: 4				A.I.C. Rating: 10,000 Maine Type: MCB Bus Amps: 225 A MCB Rating: 225 A							
CB Info	CKT	Circuit Description					A	B	C	Poles	Trip	Amps	Circuit Description	CKT	CB Info			
	1	REACH-IN REFRIGERATOR					2.6 A	20 A	1	312 VA	720 VA		1	20 A	6 A	POS	2	
	3	REACH-IN REFRIGERATOR					5.4 A	20 A	1		648 VA	648 VA	1	20 A	5.4 A	REACH-IN REFRIGERATOR	4	
	5	RF-1					4.4 A	20 A	1			528 VA	730 VA	1	20 A	6.08	SERVING FREEZER	6
	7	REACH-IN FREEZER					6 A	20 A	1	720 VA	730 VA		1	20 A	6.08	SERVING FREEZER	8	
	9	CONVENIENCE RECEPTACLES					13.5	20 A	1		1620 VA	848 VA	1	20 A	7.9 A	PIZZA PREP TABLE	10	
	11	SODA DISPENSER					9 A	20 A	1			1080 VA	1820 VA	1	20 A	16 A	WASHER/DRYER COMBO	12
	13	BEVERAGE MERCHANDISER					14.4	20 A	1	1680 VA	720 VA		1	20 A	6 A	STORAGE FREEZER	14	
	15	SODA DISPENSER					9 A	20 A	1		1080 VA	720 VA	1	20 A	6 A	STORAGE FREEZER	16	
	17	STORAGE FREEZER					6 A	20 A	1			720 VA	1500 VA	1	20 A	12.5	PIZZA HOLDING CABINET	18
	19	PIZZA HOLDING CABINET					12.5	20 A	1	1500 VA	1656 VA		1	20 A	13.8	ICE MAKER W/ BIN	20	
	21	PIZZA HOLDING CABINET					12.5	20 A	1		1500 VA	1656 VA	1	20 A	13.8	ICE MAKER W/ BIN	22	
	23	ICE MAKER W/ BIN					13.8	20 A	1			1656 VA	2450 VA	2	30 A	23.5	FROZEN DRINK MACHINE	24
	25									2450 VA	2450 VA		2	30 A			26	
	27	FROZEN DRINK MACHINE					23.5	30 A	2			2450 VA	2450 VA	2	30 A	23.5	FROZEN DRINK MACHINE	28
	29											2467 VA	2450 VA	2	30 A			30
	31	CONVEYOR OVEN					20.54	30 A	3	2467 VA	2467 VA		3	30 A	20.54	CONVEYOR OVEN	32	
	33									2467 VA	2467 VA		3	30 A			34	
	35											3200 VA	2467 VA	3	30 A			36
	37	DOUBLE BATCH OVEN					26.65	30 A	3	3200 VA	5000 VA		3	50 A	41.64	WH-1	38	
	39											3200 VA	5000 VA	3	50 A			40
	41	SPARE					-	20 A	1			0 VA	5000 VA					42
Total Load:							26072 VA		26854 VA		26168 VA							
Tot..							217 A		224 A		216 A							
CIRCUIT BREAKER INFORMATION LEGEND:																		
G = GROUND FAULT SENSING																		
S = SHUNT TRIP																		
L = LOCK OUT																		
A = ARC FAULT INTERRUPTER																		
Load Classification																		
Connected Load							Demand Factor			Estimated Demand			Panel Totals					
Kitchen Equipment - Non-Dwelling Unit							18548 VA			65.00%			12056 VA					
Receptacle							1620 VA			100.00%			1620 VA			Total Conn. Load: 179094 VA		
Power							43926 VA			100.00%			43926 VA			Total Est. Demand: 176802 VA		
MISC EQUIP							15000 VA			100.00%			15000 VA			Total Conn.: 220 A		
																Total Est. Demand: 202 A		
Notes:																		

(E) Switchboard: CB2

Location:

Supply From: I-LINE SB

Mounting: Enclosure: NEMA1

Volts: 120/208 Wye

Phases: 3

Wires: 4

A.I.C. Rating: 65,000 A.I.C.

Mains Type: MCB

Mains Rating: 800 A

MCB Rating: 1 A

Notes:

CKT	Circuit Description	# of Poles	Frame Size	Trip Rating	Load	Remarks
1	EXISTING	3	350 A	350 A	0 VA	
2	EXISTING	3	300 A	300 A	0 VA	
3	SPACE	3	--	--	--	
4	EXISTING	3	250 A	250 A	0 VA	
5	EXISTING	3	--	--	--	
6	CB3	3	225 A	225 A	80920 VA	
7	SPACE	3	--	--	--	
8	SPACE	3	--	--	--	
9	P-CP2	3	600 A	600 A	50760 VA	Panel section for CB2
10						
11						
12						
13						
14						
15						
16						
17						
18						
19						
20						
Total Conn. Load:					131680 VA	
Total Amps:					366 A	

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
MISC EQUIP	131680 VA	100.00%	131680 VA	
				Total Conn. Load: 131680 VA
				Total Est. Demand: 131680 VA
				Total Conn.: 366 A
				Total Est. Demand: 366 A

Notes: