

### POWER PANEL "MDP" SCHEDULE

FED FROM: EXTERIOR DISCONNECT  
VOLTAGE: 120/208V, 3 PHASE, 4 WIRE  
BUS MATERIAL: ALUMINUM OR COPPER  
BUS LOAD: 822 AMPS  
BUS RATING: 1200 AMPS  
MAIN: MAIN LUG ONLY

MOUNTING: SURFACE MOUNTED  
ENCLOSURE: NEMA 1  
FAULT CURRENT: 39898 AMPS  
AIC RATING: 42 KAC  
OPTIONS: BONDED EQUIPMENT GROUND BAR

NOTES	O.K.T.	LOAD DESCRIPTION	LOAD (VA)			BREAKER/BREAKER			LOAD (VA)			LOAD DESCRIPTION	O.K.T.	NOTES
			A	B	C	A	B	C	A	B	C			
	1	SPD				40/3	225/3	20/704				SUBFEED PANEL LP	2	
	3	SUBFEED PANEL LB	4800			100/3	100/3	40/88				SUBFEED PANEL LK1	4	
	5	SUBFEED PANEL LC	43667			400/3	60/3	5404				BOOSTER HEAT	8	HPL
	7	SUBFEED PANEL LD	5878			100/3	70/3	6805				GRHAMMER	8	HPL
	9	SUBFEED PANEL LA1	1518			60/3	80/3	8094				RTU-1	10	
	11	SPACE ONLY										SPACE ONLY	12	
	11	SPACE ONLY										SPACE ONLY	12	
	11	SPACE ONLY										SPACE ONLY	12	

NOTES:  
SEE SPECIFICATIONS FOR OTHER OPTIONS REQUIRED BUT NOT NECESSARILY NOTED HERE  
CIRCUIT BREAKER SHALL HAVE PERMANENTLY INSTALLED HANDLE PADLOCK ATTACHMENT TO LOCK BREAKER IN OPEN POSITION

### PANEL "LB" SCHEDULE

FED FROM: POWER PANEL "MDP"  
VOLTAGE: 120/208V, 3 PHASE, 4 WIRE  
BUS MATERIAL: ALUMINUM OR COPPER  
BUS LOAD: 45 AMPS  
BUS RATING: 100 AMPS  
MAIN: MAIN LUG ONLY

MOUNTING: FLUSH MOUNTED  
ENCLOSURE: NEMA 1  
FAULT CURRENT: 8018 AMPS  
AIC RATING: 22 KAC  
OPTIONS: BONDED AND ISOLATED GROUND BARS

NOTES	O.K.T.	LOAD DESCRIPTION	LOAD (VA)			BREAKER/BREAKER			LOAD (VA)			LOAD DESCRIPTION	O.K.T.	NOTES
			A	B	C	A	B	C	A	B	C			
	1	POS UNIT/PRINTER	1300			20/1	20/1	300				NECESS RECEPT	2	
	3	TELEVISION	800			20/1	20/1	720				COMPUTER/PRGS	4	
	5	TELEPHONE BOARD	360			20/1	20/1	300				GFT CARD	6	
	7	DESIGNATED COMPUTER/PRO	360			20/1	20/1	500				SOUND SYSTEM	8	
	9	DESIGNATED COMPUTER/PRO	600			20/1	20/1	360				IT RECEIPTS	10	
	11	TABLET ARM	600			20/1	20/1	360				IT RECEIPTS	12	
	13	RESEPT	720			20/1	20/1	200				FAOP	14	HLO
	15	SPARE				20/1	20/1	900				TABLET ARM/PRINTER	16	
	17	POS UNIT	600			20/1	20/1	1440				CHARGING STATION	18	
	19	POS UNIT	600			20/1	20/1	300				TC-20 POS	20	
	21	TABLET ARM	1300			20/1	20/1					SPARE	24	
	23	SPARE				20/1	20/1					SPARE	26	
	25	SPARE				20/1	20/1					SPARE	28	
	27	SPARE				20/1	20/1					SPARE	28	
	29	SPARE				20/1	20/1					SPARE	30	

NOTES:  
SEE SPECIFICATIONS FOR OTHER OPTIONS REQUIRED BUT NOT NECESSARILY NOTED HERE  
CIRCUIT BREAKER SHALL BE GROUND-FAULT CIRCUIT INTERRUPTING (GFCI) TYPE  
HLO: CIRCUIT BREAKER SHALL BE PERMANENTLY INSTALLED HANDLE PADLOCK ATTACHMENT TO LOCK BREAKER IN THE OPEN POSITION. ROUTE CIRCUIT THROUGH SHUNT TRIP CONTACTOR.

### PANEL "LK1" SCHEDULE

FED FROM: POWER PANEL "MDP"  
VOLTAGE: 120/208V, 3 PHASE, 4 WIRE  
BUS MATERIAL: ALUMINUM OR COPPER  
BUS LOAD: 60 AMPS  
BUS RATING: 100 AMPS  
MAIN: MAIN LUG ONLY

MOUNTING: FLUSH MOUNTED  
ENCLOSURE: NEMA 1  
FAULT CURRENT: 8018 AMPS  
AIC RATING: 22 KAC  
OPTIONS: BONDED EQUIPMENT GROUND BAR

NOTES	O.K.T.	LOAD DESCRIPTION	LOAD (VA)			BREAKER/BREAKER			LOAD (VA)			LOAD DESCRIPTION	O.K.T.	NOTES
			A	B	C	A	B	C	A	B	C			
	1	POS UNIT	180			20/1	20/1	840				FRYER	2	NOTE 2
	3	MICROWAVE	180			20/1	20/1	840				SPARE	4	
	5	HOT FOOD WELL	717			20/2	20/1	240				FRYER TIMER	6	NOTE 2
	7		717			20/1	20/1					SPARE	8	
	9	SMOKER	3850			50/2	20/1	880				U/C FREEZER	10	NOTE 2
	11	U/C FREEZER	3850			50/2	20/1	880				U/C REFRIGERATOR	12	NOTE 2
	13	WORKTOP REF.	744			20/1	20/1	600				BRASING PAN	14	NOTE 1
	15	CONNECTION OVEN	1896			20/1	20/1	540				RESEPT	16	
	17	HOOD CONTROLS	500			20/1	20/1	756				FOOD WARMER	18	NOTE 2
	19	HOOD LIGHTS	1000			20/1	20/1	180				COU	20	NOTE 2
	21	LETUCE DRYER	500			20/1	20/1	1176				REF PREP TABLE	22	NOTE 2
	23	REF PREP TABLE	500			1080	20/1	1176				SODA SYSTEM	24	GFCI
	25	SPARE				20/1	20/1	456				AIR CURTAIN	26	
	27	SPARE				20/1	20/1	360				GENERAL RESEPT	28	
	29	SPARE				20/1	20/1					SPARE	30	

NOTES:  
SEE SPECIFICATIONS FOR OTHER OPTIONS REQUIRED BUT NOT NECESSARILY NOTED HERE  
CIRCUIT BREAKER SHALL BE GROUND-FAULT CIRCUIT INTERRUPTING (GFCI) TYPE  
HPL: CIRCUIT BREAKER SHALL HAVE PERMANENTLY INSTALLED HANDLE PADLOCK ATTACHMENT TO LOCK BREAKER IN OPEN POSITION  
NOTE 1: CIRCUIT BREAKER SHALL HAVE A PERMANENTLY INSTALLED HANDLE PADLOCK ATTACHMENT TO LOCK BREAKER IN THE OPEN POSITION. ROUTE CIRCUIT THROUGH SHUNT TRIP CONTACTOR.  
NOTE 2: CIRCUIT BREAKER SHALL BE GROUND FAULT CIRCUIT INTERRUPTING (GFCI). ROUTE CIRCUIT THROUGH SHUNT TRIP CONTACTOR.

### LIGHTING CONTROL SCHEDULE

Zone Area	Load Type	Circuit	Dimming Type
1 "CL" VESTIBULE	LED	LA1-16	ELV
2 "DL" VESTIBULE AND MAIN DINING	LED	LA1-18	ELV-R
3 "E" SECONDARY DINING A	LED	LA1-14	ELV
4 "E" EXPO (TRACK)	LED	LA1-24	ELV
5 "LS2" SHROUD	LED	LA1-23	ELV
6 "C" KITCHEN (PASS THRU WINDOW)	LED	LA1-21	ELV
7 "E" & "C" AND "P" RESTROOMS	LED	LA1-19	ELV
8 "C" AND "P" RESTROOMS	LED	LA1-10	ELV
9 "WS" RESTROOM	Halogen	LA1-12	Incandescent
10 "E" LOUNGE (TRACK)	LED	LA1-2	ELV
11 "E" LOUNGE (TRACK)	LED	LA1-4	ELV
12 "E" & "E" LOUNGE (DAYLITG ZONE)	LED	LA1-6	ELV
13 "E" & "E" LOUNGE (DAYLITG ZONE)	LED	LA1-8	ELV
14 "E" & "E" BAR (TRACK/DAYLIGHT ZONE)	LED	LA1-7	ELV
15 "V" & "C" BAR	LED	LA1-1	ELV
16 "T" BACK BAR WATERFALL	LED	LA1-3	Switched
17 "LS1" UNDERCNTR, BAR FACE, & TOE KICK	LED	LA1-5	0-V
18 "E" TRACK MAIN DINING	LED	LA1-20	ELV
19 "E" TRACK MAIN DINING	LED	LA1-22	ELV
20 "E" TRACK MAIN DINING	LED	LA1-9	ELV
21 "P" & "L" BUTTERFLY ELEMENT	LED	LA1-11	ELV-R
22 "T" FIREBIRD & "WG" FIREPLACE	LED	LA1-13	ELV
23 "E" WAITING (TRACK/DAYLIGHT ZONE)	LED	LA1-15	ELV
24 "E" & "E" WAITING (TRACK)	LED	LA1-17	ELV

### N.E.C. LOAD ANALYSIS FOR POWER PANEL "MDP" (INCLUDING SUBFEEDS)

LOAD DESCRIPTION	DEMAND FACTOR	PHASE A (VA)	PHASE B (VA)	PHASE C (VA)	TOTAL (VA)
LIGHTING	125%	3967	4984	3634	12585
RECEPTACLE	91%	1560	1430	6460	5862
OTHER CONTINUOUS	125%	4880	6075	1260	1575
OTHER NONCONTINUOUS	100%	1540	1540	1520	1740
WATER HEATING	100%	500	500	500	1500
KITCHEN	65%	35146	22845	39436	32545
COOLING ONLY	100%	38247	38247	39828	37418
MOTOR	100%	13858	13858	1311	12573
ADD 25% OF LARGEST MOTOR	100%	125	125	125	375
64'-0" SHOW WINDOW AT 200 VA/FT	125%	4267	5334	4267	5334
22'-0" TRACK LTS. AT 150 VA/2 FT	125%	550	688	550	688
TOTAL	104159	95153	110490	68837	102801
EQUIVALENT AMPS	368	793	921	822	858
PHASE BALANCE	-2%	-1%	5%	4%	-3%

### PANEL "LK" SCHEDULE

FED FROM: POWER PANEL "MDP"  
VOLTAGE: 120/208V, 3 PHASE, 4 WIRE  
BUS MATERIAL: ALUMINUM OR COPPER  
BUS LOAD: 178 AMPS  
BUS RATING: 225 AMPS  
MAIN: MAIN LUG ONLY

MOUNTING: FLUSH MOUNTED  
ENCLOSURE: NEMA 1  
FAULT CURRENT: 17207 AMPS  
AIC RATING: 22 KAC  
OPTIONS: BONDED EQUIPMENT GROUND BAR

NOTES	O.K.T.	LOAD DESCRIPTION	LOAD (VA)			BREAKER/BREAKER			LOAD (VA)			LOAD DESCRIPTION	O.K.T.	NOTES
			A	B	C	A	B	C	A	B	C			
	1	MIXER	720			20/1	20/1	960				U/C FREEZER	2	GFCI
	3	REACH-IN REF.	698			20/1	20/1	1930				MICROWAVE	4	GFCI
	5	CMP WARMER	1044			20/1	20/1	180				DIPPERWELL	6	GFCI
	7	LETUCE STATION	840			20/1	20/1	1850				BEER SYSTEM	8	GFCI
	9	REF. PREP TABLE	1080			20/1	20/1	180				GENERAL RESEPT	10	
	11	MICROWAVE	1800			20/1	20/1	1080				FOOD PROCESSOR	12	GFCI
	13	Y-FRMR TO PAPER TOWEL	20			20/1	20/1	696				REACH-IN REFRIGERATOR	14	GFCI
	15	RESEPT	180			20/1	20/1	960				SLICER	16	GFCI
	17	SPARE				20/1	20/1	960				SLICER	18	GFCI
	19	WINE REFRIGERATOR	1440			20/1	20/1	564				U/C REFRIGERATOR	20	GFCI
	21	WINE REFRIGERATOR	1440			20/1	20/1	1228				TEA BREWER	22	GFCI
	23	WINE REFRIGERATOR	1440			20/1	20/1	1500				SODA MACHINE	24	GFCI
	25	GLASS FROSTER	1476			20/1	20/1	1900				BLENDER STATION	26	GFCI
	27	BACKBAR COOLER	840			20/1	20/1	1716				WINE REFRIGERATOR	28	GFCI
	29	RESEPT	840			20/1	20/1	1500				BLENDER STATION	30	GFCI
	31	WARMING DRAMER	800			20/1	20/1					SPARE	32	
	33	GLASS FROSTER	698			20/1	20/1	200				FIREPLACE	34	
	35	E22	960			20/1	20/1	1280				SHOW WINDOW REC.	36	
	37	E91	478			15/2	20/1	80				X-FRMR TO PAPER TOWEL	38	
	39					15/1	20/1	500				ISHI	40	C-INT
	41	FLUORO/LAMP	1440			20/1	15/1					RMI	42	C-INT
	43	SPARE				20/1	20/1	1440				BACKBAR COOLER	44	GFCI
	45	25	1768			25/2	20/1	1000				15L OIL STORAGE	46	
	47					20/1	20/1					SPARE	48	
	49	251	1684			20/2	20/1	1440				SPARKLING WATER SYSTEM	50	GFCI
	51		1564			20/1						SPARE	52	
	53	SPARE				20/1	20/1					SPARE	54	
	55	FILTER SINK SINK	1440			20/1	20/1	890				ENCLOSED PATIO DOOR	56	
	57	SPARE				20/1	20/1	960				ENCLOSED PATIO DOOR	58	
	59	SPARE				20/1	20/1	960				ENCLOSED PATIO DOOR	60	
	61	SPARE				20/1	20/1					SPARE	62	
	63	SPARE				20/1	20/1					SPARE	64	
	65	SPARE				20/1	20/1					SPARE	66	
	67	SPARE				20/1	20/1					SPARE	68	
	69	SPARE				20/1	20/1					WATER SYSTEM CONTROLS	70	
	71	SPARE				20/1	20/1							