

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	20/70A				SUBPANEL LP	2	
	3	SUBPANEL LP	4800			100/3	100/3	40/80A				SUBPANEL LP	4	
	5	SUBPANEL LP	43667			400/3	60/3	54/0A				BOOSTER HEAT	8	HPL
	7	SUBPANEL LP	5878			100/3	70/3	68/0A				GRINDERS	8	HPL
	9	SUBPANEL LP	1518			60/3	80/3	80/4A				RTU-1	10	
	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: 10 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				POS UNIT	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	SEPARATED COMPUTER/POS	360			20/1	20/1	500				SOUND SYSTEM	8	
	9	SEPARATED COMPUTER/POS	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				TO-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: 10 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				BRASSING 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				COO	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/DAYLITG 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/DAYLITG 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	5662
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	35245
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%	850	688	650	688
TOTAL		104159	95153	110490	92801
EQUIVALENT AMPS		868	793	921	858
PHASE BALANCE		-2%	-1%	5%	4%

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				DIPPERMILL	6	GFCI
	7	LETUCE STATION	840			20/1	20/1	1850				BEER SYSTEM	8	GFCI
	9	REF. PREP TABLE	500			1080	20/1	180				GENERAL RESEPT	10	
	11	MICROWAVE	180			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	BANKBAR 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	860			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				151 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					SPARE	70	
	71	SPARE				20/1	20/1					SPARE	72	
	73	WARMING DRAMER	458			20/1	20/1	200				SHUNT TRIP COIL	74	
	75	HOT FOOD WELL	717			20/2								