

EXISTING PANEL D																						
LOCATION: DELI BAKERY PREP. VOLTAGE: 208Y/120V TRIM: SURFACE											MAIN: 400A MLO SYSTEM: 3Ø, 4W BUS RATING 400A					CONN. LOAD: 64.5 KVA FEED: BOTTOM GROUND BUS: YES						
EMS	CKT	LOAD SERVED	COND	PHASE	NEUT	GND	BKR	DMD	L1	L2	L3	DMD	BKR	COND	PHASE	NEUT	GND	LOAD SERVED	CKT	EMS		
—	1	RACK OVEN	1-1/4"	#3	#3	#8	100/3	K	9847	7774		K	30/3	3/4"	#10	#10	#10	COMBI THERM	2	—		
—	3	"		#3	—	—	—	K	9847	7774		K			#10			"	4	—		
—	5	"		#3	—	—	—	K	9847	7774		K			#10			"	6	—		
—	7	PRESSURE FRYER	3/4"	#8	#8	#10	40/3	K	416			—	—	—	—	—	—	SHUNT TRIP	8	—		
—	9	"		#8	—	—	—	K	416			—	20/1	—	—	—	—	SPARE	10	—		
—	11	"		#8	—	—	—	K	416			—	20/1	—	—	—	—	SPARE	12	—		
—	13	SHUNT TRIP	—	—	—	—	—	—	946			K	15/1	3/4"	#12	#12	#12	20 QUART MIXER	14	—		
—	15	SPARE	—	—	—	—	20/1	—	7538			K	40/2	3/4"	#8	#8	#10	1 DR. PROOFER BOX	16	—		
—	17	SHUNT TRIP	—	—	—	—	—	—	7538			K	—	—	#8	—	—	"	18	—		
—	19	HOT PLATE	3/4"	#10	#10	#10	30/2	K	1955			—	20/1	—	—	—	—	SPARE	20	—		
—	21	"		#10	—	—	—	K	1955			—	20/1	—	—	—	—	SPARE	22	—		
—	23	1 DR. PROOFER BOX	3/4"	#8	#8	#10	40/2	K	2538			—	20/1	—	—	—	—	SPARE	24	—		
—	25	"		#8	—	—	—	K	2538			—	20/1	—	—	—	—	SPARE	26	—		
—	27	1 DR. PROOFER BOX CONTROL WIRE	3/4"	#12	#12	#12	20/1	N	1100			—	20/1	—	—	—	—	SPARE	28	—		
—	29	DOUGH RETARDER CONTROL WIRE	3/4"	#12	#12	#12	20/1	N	600			—	20/1	—	—	—	—	SPARE	30	—		
—	31	2 DR. DOUGH RETARDER	3/4"	#10	#10	#10	15/1	N	560			N	20/1	3/4"	#12	#12	#12	1 DR. PROOFER BOX CONTROL WIRE	32	—		
—	33	2 DR. DOUGH RETARDER CONTROL WIRE	3/4"	#12	#12	#12	15/1	N	660			—	20/1	—	—	—	—	SPARE	34	—		
—	35	8"-0" EUSYS-96/PR HOT CASE	3/4"	#10	#10	#10	25/2	K	2194			—	20/1	—	—	—	—	SPARE	36	—		
—	37	"		#10	—	—	—	K	2194			—	20/1	—	—	—	—	SPARE	38	—		
—	39	HOLD OVEN	3/4"	#12	#12	#12	15/1	N	1000			—	20/1	—	—	—	—	SPARE	40	—		
—	41	RACK OVEN CONTROL WIRE	3/4"	#12	#12	#12	20/1	N	1080			—	20/1	—	—	—	—	SPARE	42	—		
INTERRUPT RATING: EXISTING									22330			20190		21987		FROM: EXISTING MDP-1						
LOADS (IN VA)		CONNECTED	DEMAND FACTOR	MINIMUM FEEDER		LOADS		CONNECTED	DEMAND FACTOR	MINIMUM FEEDER		REMAINING CONTINUOUS LOADS		0		1.25		0				
LIGHTING		0	1.25	0		NON-SEASONAL MOTORS		0	1.0	0		REMAINING NON-CONTINUOUS LOADS		6000		1.0		6000				
RECEPTS TO 10 KVA		0	1.0	0		LARGEST MOTOR		0	0.25	0		MISC. DEMAND LOADS		0		1.0		0				
RECEPTS REMAINING		0	0.5	0		WATER HEATING		0	1.0	0		TOTAL CONNECTED LOAD		64.5		KVA		179.2				
SPACE HEATING		0	0.0	0		KITCHEN EQUIP.		58507	0.65	38030		TOTAL DEMAND LOAD		44		KVA		122.3				
AIR CONDITIONING		0	1.0	0								OVERALL DEMAND FACTOR		0.68								

Note 1. Feeder size: SEE RISER DIAGRAM
Note 2. IDENTIFY EXISTING CIRCUITS AND UPDATE PANEL SCHEDULE.

EXISTING PANEL B																							
LOCATION: DELI BAKERY PREP. VOLTAGE: 208Y/120V TRIM: FLUSH										MAIN: 200A MLO SYSTEM: 3ø, 4W BUS RATING 200A					CONN. LOAD: 33.7 KVA FEED: BOTTOM GROUND BUS: YES								
EMS	CKT	LOAD SERVED	COND	PHASE	NEUT	GND	BKR	DMD	L1	L2	L3	DMD	BKR	COND	PHASE	NEUT	GND	LOAD SERVED	CKT	EMS			
—	1	(B13) 3 DR. FROZEN BAKERY—LTG	3/4"	#12	#12	#12	15/1	L	289			M	20/1	3/4"	#12	#12	#12	(A7) DELI BAKERY COOLER FAN COIL	2	—			
—	3	(B13) 3 DR. FROZEN BAKERY—FAN	3/4"	#12	#12	#12	15/1	M	90			—	20/1	—	—	—	—	SPARE	4	—			
—	5	(B13) 3 DR. FROZEN BAKERY—HTR	3/4"	#12	#12	#12	15/1	N	718			R	20/1	3/4"	#12	#12	#12	DELI BAKERY RECEPTACLES	6	—			
—	7	DELI/BAKERY FREEZER AND COOLER LTG	3/4"	#12	#12	#12	20/1	L	400			R	20/1	3/4"	#12	#12	#12	DELI BAKERY RECEPTACLES	8	—			
—	9	COFFEE MAKER	3/4"	#12	#12	#12	20/1	K	1620			L	20/1	3/4"	#12	#12	#12	DELI BAKERY LTG	10	E			
—	11	DELI BAKERY FREEZER, HOT TAP, DR. VTL AND PRESSURE RELIEF PORT	3/4"	#12	#12	#12	20/1	N	1725			L	20/1	3/4"	#12	#12	#12	DELI BAKERY LTG	12	E			
—	13	SPARE	—	—	—	—	20/1	—	1176			M	15/1	3/4"	#10	#10	#10	D/B HOOD NO.1—LTG AND EXHAUST FAN	14	—			
—	15	SPARE	—	—	—	—	20/1	—	600			L	15/1	3/4"	#12	#12	#12	MENU BOARD	16	—			
—	17	DELI BAKERY CLOSET EXHAUST FAN	3/4"	#12	#12	#12	20/1	M	30			L	15/1	3/4"	#12	#12	#12	TASTE OF INSPIRATION	18	4			
4	19	SPARE	—	—	—	—	15/1	—	276			N	15/1	3/4"	#12	#12	#12	EXISTING CIRCUIT	20	—			
—	21	(A13) 16" SELF SERVE DELI—LTG	3/4"	#12	#12	#12	20/1	L	230			N	15/1	3/4"	#12	#12	#12	EXISTING CIRCUIT	22	—			
—	23	SPARE	—	—	—	—	15/1	—	240			N	15/1	3/4"	#12	#12	#12	EXISTING CIRCUIT	24	—			
—	25	(A8) CAKE/DELI/SERV COLD DELI—FAN	3/4"	#12	#12	#12	20/1	M	600			N	20/1	3/4"	#12	#12	#12	DELI BAKERY PRODUCT WRAPPER	26	—			
—	27	FLY TRAPS	3/4"	#12	#12	#12	15/1	N	180			K	20/1	3/4"	#12	#12	#12	AUTOMATIC SLICER	28	—			
—	29	SPARE	—	—	—	—	20/1	—	600			K	20/1	3/4"	#12	#12	#12	BREAD SLICER	30	—			
—	31	SPARE	—	—	—	—	20/1	—	744			K	20/1	3/4"	#12	#12	#12	MICROWAVE OVEN	32	—			
—	33	EXISTING CIRCUIT	3/4"	#12	#12	#12	15/1	N	1800			K	20/1	3/4"	#12	#12	#12	MICROWAVE OVEN	32	—			
—	35	EXISTING CIRCUIT	3/4"	#12	#12	#12	15/1	N	805			N	20/1	3/4"	#12	#12	#12	FUTURE REFRIGERATED BREADING STATION	34	—			
—	37	RTU—DB	3/4"	#8	#8	#10	50/3	A	3915			N	20/1	3/4"	#12	#12	#12	ICE/DRINK DISPENSER	36	—			
—	39	"		#8				A	180			N	20/1	3/4"	#12	#12	#12	SCALE WITH BUILT IN PRINTER	38	—			
—	39	"		#8				A	3915			N	20/1	3/4"	#12	#12	#12	SLICER WITH PORTION SCALE	40	—			
—	41	"		#8				A	667			—	20/1	—	—	—	—	SPARE	42	—			
INTERUPT RATING: EXISTING										1035111872			11524			FROM: EXISTING MDP—1							
LOADS (IN VA)		CONNECTED	DEMAND FACTOR	MINIMUM FEEDER		LOADS		CONNECTED	DEMAND FACTOR	MINIMUM FEEDER		REMAINING CONTINUOUS LOADS		0		1.25		0					
LIGHTING		5504	1.25	6880		NON—SEASONAL MOTORS		2216	1.0	2216		REMAINING NON—CONTINUOUS LOADS		8078		1.0		8078					
RECEPTS TO 10 KVA		1440	1.0	1440		LARGEST MOTOR		0	0.25	0		MISC. DEMAND LOADS		0		1.0		0					
RECEPTS REMAINING		0	0.0	0		WATER HEATING		0	1.0	0		TOTAL CONNECTED LOAD		33.7		KVA		93.7					
SPACE HEATING		0	0.0	0		KITCHEN EQUIP.		4764	0.8	3097		TOTAL DEMAND LOAD		33.5		KVA		92.9					
AIR CONDITIONING		11745	1.0	11745																			