

PANEL "A"												
CKT	CKT BRKR	WIRE	SERVES	CONTINUOUS VA		NON-CONT. VA		SERVES	WIRE	CKT BRKR	CKT	
				LIGHTS	OTHER	RECEPT	OTHER					
1	20/1	#12	LIGHTS	1320				LIGHTS	#12	20/1	2	
				1320								
3	20/1	#12	LIGHTS	1320				LIGHTS	#12	20/1	4	
				1320								
5	20/1	#12	LIGHTS	1320				LIGHTS	#12	20/1	6	
				1320								
7	20/1	#12	LIGHTS	1780				LIGHTS	#12	20/1	8	
				440								
9	20/1	#12	LIGHTS	190				LIGHTS	#12	20/1	10	
				170								
11	20/1	#12	LIGHTS	840				LIGHTS	#12	20/1	12	
				880								
13	20/1	#12	LIGHTS	1280				RECEPTACLES	#12	20/1	14	
						540						
15	20/1	#12	RECEPTACLES			720		RECEPTACLES	#12	20/1	16	
						360						
17	20/1	#12	RECEPTACLES			720		RECEPTACLES	#12	20/1	18	
						180						
19	20/1	#12	RECEPTACLES			900		SPRAY BOOTH	#12	20/1	20	
							1200					
21	20/1	#12	SPARE					SPARE	#12	20/1	22	
23	20/1	#12	SPARE					SPARE	#12	20/1	24	
25											26	
27											28	
29											30	
31											32	
33											34	
35											36	
37											38	
39											40	
41											42	
TOTAL NON-CONTINUOUS VA						3420	1200	4620	X1.0	4620		
TOTAL CONTINUOUS VA				13440	---			13440	X1.25	16800		
SERVICE: 120/208V-3 ϕ -4W+GROUND				TOTAL CONN. VA		18060						
MAINS: 100A MLO				TOTAL CONN. AMPS		50						
MOUNTING: SURFACE				CALC. PANEL VA				21420				
SQUARE D NQOB-24-4L WITH QOB BREAKERS				SPARE VA				4437				
				MIN OCPD VA				26857				
				MIN OCPD AMPS				72				

PANEL "B"												
CKT	CKT BRKR	WIRE	SERVES	CONTINUOUS VA		NON-CONT. VA		SERVES	WIRE	CKT BRKR	CKT	
				LIGHTS	OTHER	RECEPT	OTHER					
1											2	
3	40/3	#8	UNIT HEATER			10000	10000	UNIT HEATER	#8	40/3	4	
5											6	
7											8	
9	40/3	#8	UNIT HEATER			10000	10000	UNIT HEATER	#8	40/3	10	
11											12	
13											14	
15	20/3	#12	WALL VENT FAN			4500	7000	SPECIAL RECEPTACLE	#10	30/3	16	
17											18	
19						540		RECEPTACLES	#12	20/1	20	
21	20/2	#12	SPECIAL RECEPTACLE			540	5000	RECEPTACLES	#12	20/1	22	
23	20/1	---	SPARE			540		RECEPTACLES	#12	20/1	24	
25	20/1	---	SPARE					SPARE	---	20/1	26	
27	20/1	---	SPARE					SPARE	---	20/1	28	
29	20/1	---	SPARE					SPARE	---	20/1	30	
31											32	
33											34	
35											36	
37											38	
39											40	
41											42	
TOTAL NON-CONTINUOUS VA						1620	56500	58120	X1.0	58120		
TOTAL CONTINUOUS VA				---	---			---	X1.25	---		
SERVICE: 120/208V-3 ϕ -4W+GROUND				TOTAL CONN. VA		58120						
MAINS: 225A MLO				TOTAL CONN. AMPS		161						
MOUNTING: SURFACE				CALC. PANEL VA				58120				
SQUARE D NQOB-30-4L WITH QOB BREAKERS				SPARE VA				9800				
				MIN OCPD VA				67720				
				MIN OCPD AMPS				188				

PANEL "C"												
CKT	CKT BRKR	WIRE	SERVES	CONTINUOUS VA		NON-CONT. VA		SERVES	WIRE	CKT BRKR	CKT	
				LIGHTS	OTHER	RECEPT	OTHER					
1	20/1	#12	LIGHTS	1780				LIGHTS	#12	20/1	2	
				1320								
3	20/1	#12	LIGHTS	1320				LIGHTS	#12	20/1	4	
				1320								
5	20/1	#12	LIGHTS	1320				LIGHTS	#12	20/1	6	
				1320								
7	20/1	#12	LIGHTS	1320				LIGHTS	#12	20/1	8	
				420								
9	20/1	#12	LIGHTS	880				LIGHTS	#12	20/1	10	
				840								
11	20/1	#12	LIGHTS	590				RECEPTACLES	#12	20/1	12	
						900						
13	20/1	#12	RECEPTACLES			540		RECEPTACLES	#12	20/1	14	
						900						
15	20/1	#12	RECEPTACLES			800					16	
17											18	
19	20/3	#12	UNIT HEATER			5000	5000	UNIT HEATER	#12	20/3	20	
21											22	
23	20/1	---	SPARE								24	
25	20/1	---	SPARE			3600		UNIT HEATER	#12	20/3	26	
27											28	
29											30	
31											32	
33											34	
35											36	
37											38	
39											40	
41											42	
TOTAL NON-CONTINUOUS VA						3240	13600	16840	X1.0	16840		
TOTAL CONTINUOUS VA				12410	---			12410	X1.25	15513		
SERVICE: 120/208V-3 ϕ -4W+GROUND				TOTAL CONN. VA		28260						
MAINS: 100A MLO				TOTAL CONN. AMPS		82						
MOUNTING: SURFACE				CALC. PANEL VA				32353				
SQUARE D NQOB-26-4L WITH QOB BREAKER				SPARE VA				2000				
				MIN OCPD VA				34353				
				MIN OCPD AMPS				85				

ELECTRICAL SCHEDULES				
OFFICE AND WAREHOUSE FOR ATLANTIC FOOD COMPANY				
REVISIONS		JOB. NO	DATE	DRAWING NO.
DATE				
		DRAWN BY	SCALE 1/4"=1'-0"	E-5