



TYPE PLG-IN	DESCRIPTION	MOUNTING SURFACE 120/208V 3 PH 4W						MANS_200_AMP
		BRK	CKT #	LOAD			CKT #	
				A	B	C		
WALK-IN COOLER REFRIGERATION		2	1	3700			2	2
			2	160			2	
			3	3700			4	20
			4	160			4	
WALK-IN FREEZER		2	5	6300			6	3
			7	6300			6	
			8	3200			8	
WALK-IN REFRIG. EVAPO		20	9	1100			10	40
			11	3200			10	
ICE MAKER FOR SODA F-450		20	11	900			12	20
UIC TURBO AIR 72SD		20	13	1200			14	20
			14	140			14	
SOUP WARMER		20	15	1440			16	20
			17	600			16	
SOUP WARMER		20	17	1440			18	20
			19	1440			18	
HOSHIZAKI ICE MACHINE		20	19	1200			20	20
			21	1440			20	
KITCHEN HOOD EXHAUST TYPE I		3	21	330			22	20
			22	1100			22	
			23	330			24	20
			24	1200			24	
			25	330			26	20
			26	1400			26	
KITCHEN MAKE UP AIR		20	27	1150			28	20
			29	600			28	
KITCHEN EXHAUST TYPE II		20	29	475			30	20
			31	600			30	
TOILET LIGHTING		20	31	800			32	2
			32	360			32	
HVAC HEAT PUMP		2	33	4160			34	20
			34	360			34	
			35	4160			36	
			36	600			36	
			37	600			38	
			38	600			38	
			39	680			40	
			40	680			40	
			41	680			42	
			42	680			42	
			20830	18580			20995	

63805 / 1.73/208= 177 AMP

TOTAL CONNECTED @ A (VA)	20830		
TOTAL CONNECTED @ B (VA)	18580		
TOTAL CONNECTED @ C (VA)	20995	FACTOR	DEMAND
LARGEST MOTOR (VA)	12600	1.25	15750
LCL OR CONT LOAD (VA)	1000	1.25	1250
TOTAL LOAD (VA)			63805
TOTAL AMPS			177

1 POWER PLAN  
1/4" = 1'-0"

REVISION

**Tenant Improvement  
Old Port Lobster Shack**  
425 FORE STREET  
PORTLAND ME

PROJECT NUMBER 150101  
DRAWN Author  
CHECKED Checker  
DATE  
SCALE

POWER PLAN / PANEL SCHEDULE /  
SINGLE LINE DIAGRAM

E-2.1