

PANELBOARD SCHEDULE - "8P2"																								
MAIN: 100 MLO		VOLTAGE: 208/120		PHASE: 3			WIRE: 4			MOUNTING SURFACE			A/C: 22,000			BUS BARS: COPPER								
CKT #	BKR TRIP	POLE	WIRE SIZE	COND SIZE	DESCRIPTION	LOAD (KVA)			LOAD (KVA)			CONC	WIRE SIZE	POLE	BKR TRIP	CKT #								
						LTG	REC	MTR	A/C	HTG	KIT						MISC	LTG	REC	MTR	A/C	HTG	KIT	MISC
1	20	1	12	3/4"	EXHAUST FANS				0.9			0.3			3/4"	12	1	20	2					
3	20	1	12	3/4"	AIR CURTAIN				0.5			0.6			3/4"	12	1	20	4					
6	20	1	12	3/4"	SPARE							0.2			3/4"	12	1	20	6					
7	20	1	12	3/4"	SPARE										3/4"	12	1	20	8					
9	20	1	12	3/4"	SPARE										3/4"	12	1	20	10					
11	20	1	12	3/4"	SPARE										3/4"	12	1	20	12					
13	20	1	12	3/4"	SPARE										3/4"	12	1	20	14					
15	20	1	12	3/4"	SPARE										3/4"	12	1	20	16					
17					SPACE														18					
19					SPACE														20					
21					SPACE														22					
23					SPACE														24					
25					SPACE														26					
27					SPACE														28					
29					SPACE														30					
31					SPACE														32					
33					SPACE														34					
35					SPACE														36					
37					SPACE														38					
39					SPACE														40					
41					SPACE														42					
LIGHTING (KVA)						0.0	0.0	0.0	0.0	0.0	1.4	0.0	0.6	0.0	0.0	0.0	0.5	CONNECTED LOAD (KVA)			2.5			
RECEPTACLES (KVA)						0.6													DEMAND LOAD (KVA)			2.5		
MOTORS (KVA)						0.0													CONNECTED LOAD (AMPS)			6.9		
A/C (KVA)						0.0												DEMAND LOAD (AMPS)			6.9			
HEATING (KVA)						0.0												CONNECTED LOAD (AMPS)			6.9			
KITCHEN (KVA)						0.0												DEMAND LOAD (AMPS)			6.9			
MISCELLANEOUS (KVA)						1.9												CONNECTED LOAD (AMPS)			6.9			
NOTES:																								

PANELBOARD SCHEDULE - "4FL"																									
MAIN: 200 MCB		VOLTAGE: 208/120		PHASE: 3			WIRE: 4			MOUNTING SURFACE			A/C: 22,000			BUS BARS: COPPER									
CKT #	BKR TRIP	POLE	WIRE SIZE	COND SIZE	DESCRIPTION	LOAD (KVA)			LOAD (KVA)			CONC	WIRE SIZE	POLE	BKR TRIP	CKT #									
						LTG	REC	MTR	A/C	HTG	KIT						MISC	LTG	REC	MTR	A/C	HTG	KIT	MISC	
1	20	1	12	3/4"	WASHER				0.9			1.2			3/4"	12	1	20	2						
3	30	2	10	3/4"	DRYER				2.0			0.6			3/4"	12	1	20	4						
5					HEATED CABINET				2.0			2.3			3/4"	10	1	25	6						
7	20	1	12	3/4"	CHORD REEL FOOD LAB	0.4						0.8			3/4"	12	1	15	8						
9	20	1	12	3/4"	CHORD REEL FOOD LAB	0.4						0.8			3/4"	12	1	15	10						
11	20	1	12	3/4"	CHORD REEL FOOD LAB	0.4									3/4"	12	1	20	12						
13	20	1	12	3/4"	CHORD REEL FOOD LAB	0.4									3/4"	12	1	20	14						
15	20	1	12	3/4"	CHORD REEL FOOD LAB	0.4									3/4"	12	1	20	16						
17	20	1	12	3/4"	CHORD REEL FOOD LAB	0.4									3/4"	12	1	20	18						
19	20	1	12	3/4"	CHORD REEL FOOD LAB	0.4									3/4"	12	1	20	20						
21	20	1	12	3/4"	CHORD REEL FOOD LAB	0.4									3/4"	12	1	20	22						
23	20	1	12	3/4"	CHORD REEL FOOD LAB	0.4						1.2			3/4"	12	1	20	24						
25	20	1	12	3/4"	CHORD REEL FOOD LAB	0.4						0.6			3/4"	12	1	20	26						
27	20	1	12	3/4"	RECEPT - TEACHER	1.0						1.3			3/4"	12	1	20	28						
29	20	1	12	3/4"	HOOD FAN KEF-1							1.2			3/4"	12	1	20	30						
31	20	1	12	3/4"	HOOD FAN KEF-2							1.4			3/4"	12	2	20	32						
33	20	1	12	3/4"	HOOD LTG/CONTROL							0.7			3/4"	12	1	20	34						
35	100	3	3	1 1/4"	PANEL "4FLS" (SHUNT)	0.0	0.0	0.0	0.0	0.0	1.4	1.2							36						
37						0.0	0.0	0.0	0.0	0.0	0.6	1.2							38						
39						0.0	0.0	0.0	0.0	0.0	4.5	0.0							40						
41					SHUNT "4FLS"														42						
43	20	2	12	3/4"	INDUCTION COOKTOP							1.7			3/4"	12	2	20	44						
45												1.7			3/4"	12	2	20	46						
47	20	2	12	3/4"	INDUCTION COOKTOP							1.7			3/4"	12	2	20	48						
49												1.7			3/4"	12	2	20	50						
51	20	1	12	3/4"	SPARE										3/4"	12	1	20	52						
53	20	1	12	3/4"	SPARE										3/4"	12	1	20	54						
LIGHTING (KVA)						0.0	0.0	5.0	10.1	0.0	0.0	6.5	7.3	0.0	0.0	1.6	0.8	0.0	15.6	1.2	CONNECTED LOAD (KVA)			48.0	
RECEPTACLES (KVA)						0.0																DEMAND LOAD (KVA)			48.0
MOTORS (KVA)						11.7															CONNECTED LOAD (AMPS)			133.2	
A/C (KVA)						0.8															DEMAND LOAD (AMPS)			133.2	
HEATING (KVA)						0.0															CONNECTED LOAD (AMPS)			111.8	
KITCHEN (KVA)						22.1																DEMAND LOAD (AMPS)			111.8
MISCELLANEOUS (KVA)						6.5																CONNECTED LOAD (AMPS)			6.5
NOTES:																									

PANELBOARD SCHEDULE - "4FLS" (SHUNT)																								
MAIN: 100 MLO		VOLTAGE: 208/120		PHASE: 3			WIRE: 4			MOUNTING SURFACE			A/C: 22,000			BUS BARS: COPPER								
CKT #	BKR TRIP	POLE	WIRE SIZE	COND SIZE	DESCRIPTION	LOAD (KVA)			LOAD (KVA)			CONC	WIRE SIZE	POLE	BKR TRIP	CKT #								
						LTG	REC	MTR	A/C	HTG	KIT						MISC	LTG	REC	MTR	A/C	HTG	KIT	MISC
1	20	1	12	3/4"	EF-2				1.2						3/4"	12	1	20	2					
3	20	1	12	3/4"	EF-2				1.2						3/4"	12	1	20	4					
5	20	1	12	3/4"	SPARE							2.3			3/4"	10	1	25	6					
7	20	1	12	3/4"	SPARE							0.4			3/4"	12	1	20	8					
9	20	1	12	3/4"	SPARE							0.6			3/4"	12	1	20	10					
11	20	1	12	3/4"	SPARE							0.8			3/4"	12	1	20	12					
13	20	1	12	3/4"	SPARE							1.0			3/4"	12	1	20	14					
15					SPACE														16					
17					SPACE							1.4			3/4"	12	1	20	18					
19					SPACE														20					
LIGHTING (KVA)						0.0	0.0	0.0	0.0	0.0	0.0	2.4	0.0	0.0	0.0	0.0	6.5	0.0	CONNECTED LOAD (KVA)			6.5		
RECEPTACLES (KVA)						0.0															DEMAND LOAD (KVA)			6.5
MOTORS (KVA)						0.0															CONNECTED LOAD (AMPS)			24.6
A/C (KVA)						0.0															DEMAND LOAD (AMPS)			18.3
HEATING (KVA)						0.0															CONNECTED LOAD (AMPS)			18.3
KITCHEN (KVA)						6.5															DEMAND LOAD (AMPS)			18.3
MISCELLANEOUS (KVA)						2.4															CONNECTED LOAD (AMPS)			2.4
NOTES:																								

4FLS DEMAND CALCS			
LIGHTING	0.00	KVA	X 125 % = 0.0 KVA
RECEPTAC TOTAL	0.00	KVA	
1ST	10.00	KVA	X 100 % = 0.0 KVA
REMAIN	0.00	KVA	X 50 % = 0.0 KVA
MOTORS	0.00	KVA	X 100 % = 0.0 KVA
LARGEST	0.00	KVA	X 125 % = 0.0 KVA
A/C	0.00	KVA	X 100 % = 0.0 KVA
WATER HEATING	0.00	KVA	X 125 % = 0.0 KVA
FUTURE	_____	KVA	X 100 % = 0.0 KVA
KITCHEN	6.49	KVA	X 65 % = 4.2 KVA
MISCELLANEOUS	2.37	KVA	X 100 % = 2.4 KVA
TOTAL	=	18.3 amps	= 6.6 KVA

8L1 DEMAND CALCS			
LIGHTING	9.00	KVA	X 125 % = 11.2 KVA
RECEPTAC TOTAL	0.60	KVA	
1ST	10.00	KVA	X 100 % = 0.6 KVA
REMAIN	0.00	KVA	X 50 % = 0.0 KVA
MOTORS	81.51	KVA	X 100 % = 81.5 KVA
LARGEST	26.60	KVA	X 125 % = 33.3 KVA
A/C	0.00	KVA	X 100 % = 0.0 KVA
WATER HEATING	13.80	KVA	X 125 % = 17.3 KVA
FUTURE	_____	KVA	X 100 % = 0.0 KVA
KITCHEN	0.00	KVA	X 65 % = 0.0 KVA
MISCELLANEOUS	94.38	KVA	X 100 % = 94.4 KVA
TOTAL	=	286.6 amps	= 238.2 KVA

8P2 DEMAND CALCS			
LIGHTING	0.00	KVA	X 125 % = 0.0 KVA
RECEPTAC TOTAL	0.60	KVA	
1ST	10.00	KVA	X 100 % = 0.6 KVA
REMAIN	0.00	KVA	X 50 % = 0.0 KVA
MOTORS	0.00	KVA	X 100 % = 0.0 KVA
LARGEST	0.00	KVA	X 125 % = 0.0 KVA
A/C	0.00	KVA	X 100 % = 0.0 KVA
WATER HEATING	0.00	KVA	X 125 % = 0.0 KVA
FUTURE	_____	KVA	X 100 % = 0.0 KVA
KITCHEN	0.00	KVA	X 65 % = 0.0 KVA
MISCELLANEOUS	1.88	KVA	X 100 % = 1.9 KVA
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