

PANELBOARD SCHEDULE										1EMPB										LOCATION: MECHANICAL 10B3										FED FROM: PE1									
100 AMP MLO 208Y/120V 3 PH 4 W										MOUNT: SURFACE										PANEL ASSEMBLY RATED (KAIC): 10 KAIC																			
CKT	BRKR	POLE	LOAD	A	B	C	LOAD	POLE	BRKR	CKT	LOAD	POLE	BRKR	CKT	LOAD	POLE	BRKR	CKT	LOAD	POLE	BRKR	CKT	LOAD	POLE	BRKR	CKT	LOAD	POLE	BRKR	CKT									
1	20 A	1	FNAC (ML)	1.0	0.0						SPARE	1	20 A	2																									
3	20 A	1	FCU-02 (ML)		0.6	0.0					SPARE	1	20 A	4																									
5	20 A	1	BC-2 (ML)				0.3	0.0			SPARE	1	20 A	6																									
7	20 A	1	SPARE	0.0	0.0						SPARE	1	20 A	8																									
9	20 A	1	SPARE		0.0	0.0					SPARE	1	20 A	10																									
11	20 A	1	SPARE				0.0	0.0			SPARE	1	20 A	12																									
13	20 A	1	SPARE	0.0	0.0						SPARE	1	20 A	14																									
15	20 A	1	SPARE			0.0	0.0				SPARE	1	20 A	16																									
17	--	--	SPACE ONLY				0.0	0.0			SPACE ONLY	--	--	18																									
19	--	--	SPACE ONLY	0.0	0.0						SPACE ONLY	--	--	20																									
21	--	--	SPACE ONLY		0.0	0.0					SPACE ONLY	--	--	22																									
23	--	--	SPACE ONLY				0.0	0.0			SPACE ONLY	--	--	24																									
25	--	--	SPACE ONLY	0.0	0.0						SPACE ONLY	--	--	26																									
27	--	--	SPACE ONLY				0.0	0.0			SPACE ONLY	--	--	28																									
29	--	--	SPACE ONLY				0.0	0.0			SPACE ONLY	--	--	30																									
31	--	--	SPACE ONLY	0.0	0.0						SPACE ONLY	--	--	32																									
33	--	--	SPACE ONLY			0.0	0.0				SPACE ONLY	--	--	34																									
35	--	--	SPACE ONLY				0.0	0.0			SPACE ONLY	--	--	36																									
37	--	--	SPACE ONLY	0.0	0.0						SPACE ONLY	--	--	38																									
39	--	--	SPACE ONLY			0.0	0.0				SPACE ONLY	--	--	40																									
41	--	--	SPACE ONLY				0.0	0.0			SPACE ONLY	--	--	42																									
				1 kVA	1 kVA	0 kVA					1 kVA	1 kVA	0 kVA																										
				9 A	9 A	9 A					9 A	9 A	9 A																										
(GE) = PROVIDE GFCI BREAKER FOR EQUIPMENT, 6-50mA PER NEC 427.15 DED. NEUTRAL. (GP) = PROVIDE GFCI BREAKER FOR PERSONNEL, 4-6mA PER NEC 210.8 DED. NEUTRAL. (L) = PROVIDE LOCKOUT BREAKER TO PREVENT UNAUTHORIZED SWITCHING. (LC) = ROUTE TO LOAD VIA LIGHTING CONTACTOR, REF DETAIL ON DWG E4.X. (ML) = PROVIDE BREAKER WITH MAINTENANCE LOCKOUT, LOCKABLE OFF.																																							
Load Classification			Connected Load	Demand Factor	Estimated Demand	Panel Totals																																	
INTERIOR LIGHTING			0.00 kVA	0.00%	0.00 kVA																																		
EXTERIOR LIGHTING			0.00 kVA	0.00%	0.00 kVA																																		
RECEPTACLES			0.00 kVA	0.00%	0.00 kVA																																		
AC / HEAT PUMP			0.90 kVA	100.00%	0.90 kVA																																		
ELECTRIC HEAT			0.00 kVA	0.00%	0.00 kVA																																		
KITCHEN			0.00 kVA	0.00%	0.00 kVA																																		
MISCELLANEOUS			1.00 kVA	100.00%	1.00 kVA																																		
						Total Conn. Load: 1.9 kVA																																	
						Total Est. Demand: 1.9 kVA																																	
						Total Conn. Current: 5 A																																	
						Total Est. Demand... 5 A																																	

PANELBOARD SCHEDULE										2EMPB		LOCATION: MECHANICAL 2107		FED FROM: PE1									
100 AMP MLO 208Y/120V 3 PH 4 W										MOUNT: SURFACE		PANEL ASSEMBLY RATED (KAIC): 10 KAIC											
CKT	BRKR	POLE	LOAD			A		B		C		LOAD			POLE		BRKR	CKT					
1	20 A	1	BC-04 (ML)	0.3	0.0										1	20 A	2						
3	20 A	1	FCU-04 (ML)			0.5	0.0									1	20 A	4					
5	20 A	1	FNAC (ML)							1.0	0.0					1	20 A	6					
7	20 A	1	SPARE	0.0	0.0											1	20 A	8					
9	20 A	1	SPARE			0.0	0.0									1	20 A	10					
11	20 A	1	SPARE						0.0	0.0						1	20 A	12					
13	20 A	1	SPARE	0.0	0.0											1	20 A	14					
15	20 A	1	SPARE			0.0	0.0									1	20 A	16					
17	20 A	1	SPARE						0.0	0.0						1	20 A	18					
19	--	--	SPACE ONLY	0.0	0.0										--	--	20						
21	--	--	SPACE ONLY													--	22						
23	--	--	SPACE ONLY								0.0	0.0				--	24						
25	--	--	SPACE ONLY	0.0	0.0											--	26						
27	--	--	SPACE ONLY			0.0	0.0									--	28						
29	--	--	SPACE ONLY							0.0	0.0					--	30						
31	--	--	SPACE ONLY	0.0	0.0											--	32						
33	--	--	SPACE ONLY			0.0	0.0									--	34						
35	--	--	SPACE ONLY							0.0	0.0					--	36						
37	--	--	SPACE ONLY	0.0	0.0											--	38						
39	--	--	SPACE ONLY													--	40						
41	--	--	SPACE ONLY							0.0	0.0					--	42						
				0 kVA		0 kVA		0 kVA		0 kVA													
				3 A		4 A		5 A															
(GE) = PROVIDE GFI BREAKER FOR EQUIPMENT, 6-50mA PER NEC 427.15. DED. NEUTRAL. (U) = PROVIDE GFI BREAKER FOR PERSONNEL, 4.6mA PER NEC 210.8. DED. NEUTRAL. (LCP) = PROVIDE LOCKOUT BREAKER TO PREVENT UNAUTHORIZED SWITCHING. (R) = ROUTE TO LOAD VIA LIGHTING CONTACTOR, REF DETAIL ON DWG E4.X. (M) = PROVIDE BREAKER WITH MAINTENANCE LOCKOUT, LOCKABLE OFF.																							
Load Classification										Connected Load		Demand Factor		Estimated Demand		Panel Totals							
INTERIOR LIGHTING										0.00 kVA		0.00%		0.00 kVA		Total Conn. Load: 1.7 kVA Total Est. Demand: 1.7 kVA Total Conn. Current: 5 A Total Est. Demand: 5 A							
EXTERIOR LIGHTING										0.00 kVA		0.00%		0.00 kVA									
RECEPTILES										0.00 kVA		0.00%		0.00 kVA									
AC HEAT PUMP										0.75 kVA		100.00%		0.75 kVA									
ELECTRIC HEAT										0.00 kVA		0.00%		0.00 kVA									
KITCHEN										0.00 kVA		0.00%		0.00 kVA									
MISCELLANEOUS										1.00 kVA		100.00%		1.00 kVA									