

**PANEL SCHEDULE LEGEND**

**MAIN**  
CB = CIRCUIT BREAKER  
LO = LUGS ONLY

**BRANCH CIRCUIT BREAKER TYPE**  
A = ARC FAULT CIRCUIT INTERRUPTER  
G = GROUND FAULT CIRCUIT INTERRUPTER  
S = SHUNT TRIP  
V = VARIABLE (ADJUSTABLE TRIP)  
E = EQUIPMENT GROUND FAULT PROTECTION  
L = LOCKOUT DEVICE  
O = LOCK ON DEVICE OR BREAKER  
R = RED MARKING ON BREAKER

**LOAD TYPE**  
L = LIGHTING  
R = RECEPTACLE  
H = HVAC  
M = MISCELLANEOUS  
V = VARIOUS

**AMPS TRIP**  
C = COORDINATE WITH EQUIPMENT MANUFACTURER

**MISCELLANEOUS**  
SN = SOLID NEUTRAL  
EQP GND = EQUIPMENT GROUND BUS  
IG = INSULATED GROUND BUS  
SPD = SURGE PROTECTIVE DEVICE

PANEL LP2		MOUNTING SURFACE		LOCATION		ELEC RM		MAIN BUS RATING		225 AMPS											
MAIN LO		POLES 3		FRAME		TRIP		MINIMUM BREAKER INTERRUPTING CAPACITY		22KAIC											
VOLTAGE 208Y/120		PHASE 3		ACCESSORIES SN + EQP GND																	
AMPS TRIP	DEVICES	POLES	TYPE	BRANCH CIRCUIT			PHASE LOAD			BRANCH CIRCUIT			DEVICES	AMPS TRIP							
				LOAD	DESCRIPTION	VOLT AMPS	NO	A	B	C	NO	VOLT AMPS			DESCRIPTION	LOAD	TYPE	POLES	AMPS TRIP		
20	1		R		NORTH EXT RECEP	540	1		900				2	360	RECEP	FINISHING RM 108	R	1	20		
15	2		H		DSHP1	1040	3				1760		4	720	FLOOR BOX	FINISHING RM 108	R	1	20		
-			H		-	1040	5				1400		6	360	RECEP	ELEC & UPS RM	R	1	20		
15	2		H		DSHP2	1040	7		2240				8	1200	RECEP	FINISHING NE WALL	R	1	20		
-			H		-	1040	9				2240		10	1200	RECEP	FINISHING NE WALL	R	1	20		
15	2		H		DSHP3	1040	11				1400		12	360	RECEP	FINISHING N WALL	R	1	20		
-			H		-	1040	13		1400				14	360	RECEP	FINISHING N WALL	R	1	20		
20	1		M		RECEP	MEGA MIXER RM	360	15			720		16	360	RECEP	FINISHING N WALL	R	1	20		
20	1		R		RECEP	FINISHING 108	540	17			1740		18	1200	RFID WS	FINISHING S WALL	R	1	20		
20	1		R		RECEP	FINISHING 108	900	19		2100			20	1200	RFID WS	FINISHING S WALL	R	1	20		
20	1		R		RECEP	FINISHING 108	720	21			1920		22	1200	RFID WS	FINISHING S WALL	R	1	20		
20	1		R		RFID WS	FINISHING 108	1200	23			1380		24	180	RECEP	FINISHING 108	R	1	20		
20	1		R		RFID WS	FINISHING 103	1200	25		1500			26	300	EF-(5,6,7)	RM-113, 118, 119	H	1	20		
20	1		G		R	RECEP	RM 113,118,119	540	27		2040		28	1500	WATER	HEATER	H	2	20		
20					SPARE		29				1500		30	1500	-		H	-	-	-	
20					SPARE		31		100				32	100	CP-1		H	1	15		
20					SPARE		33			240			34	240	DRAIN	SOLENOID	M	1	20		
20					SPARE		35						36					1	20		
20	1				SPARE		37						38					1	20		
20	1				SPARE		39						40					1	20		
20	1				SPARE		41						42					1	20		
				TOTAL					8240	8920	7420		25	KVA (CONNECTED)		68	AMPS (CONNECTED)				
													22	KVA (DEMAND)		62	AMPS (DEMAND)				

PANEL LP3		MOUNTING SURFACE		LOCATION		ELEC RM		MAIN BUS RATING		225 AMPS											
MAIN CB		POLES 3		FRAME 200		TRIP 200		MINIMUM BREAKER INTERRUPTING CAPACITY		10KA											
VOLTAGE 208Y/120		PHASE 3		ACCESSORIES SN + EQP GND																	
AMPS TRIP	DEVICES	POLES	TYPE	BRANCH CIRCUIT			PHASE LOAD			BRANCH CIRCUIT			DEVICES	AMPS TRIP							
				LOAD	DESCRIPTION	VOLT AMPS	NO	A	B	C	NO	VOLT AMPS			DESCRIPTION	LOAD	TYPE	POLES	AMPS TRIP		
20	1				SPARE		1				2		0	SPARE		M	1	20			
20	1				SPARE		3				4		0					1	20		
20	1		R		SOUTH WALL	RECEP	540	5			2340		6	1800	PRODUCTIN	RECEP	103	M	1	30	
20	1				SPARE		7		600				8	600	PRODUCTIN	RECEP	102	M	1	20	
20	1		R		PRODUCTION	RECEP	1800	9			2400		10	600	PRODUCTIN	RECEP	102	M	1	20	
20	1				SPARE		11						12					1	20		
20	1				SPARE		13						14					1	20		
20	1		R		RECEP	RECEIVING-100	540	15			1440		16	900	RECEP	RECEIVING 100	M	1	20		
20	1		R		RECEP	RECEIVING-100	540	17			900		18	360	RECEP	HOLDING RM 106	R	1	20		
20	1		M		HAND JACKS	- SHIPPING	1800	19		2520			20	720	RECEP	- N WEST EXTERIOR	R	1	20		
20	1		M		HAND JACKS	- SHIPPING	1800	21			1800		22					1	20		
20	1		M		DOCK	LEVELER N WEST	1000	23			2200		24	1200	RFID	LOCATION RM 105&106	M	1	20		
20	1		M		DOCK	LEVELER N WEST	1000	25			2200		26	1200	RECEP	- SHIPPING	M	1	20		
15	1		M		PROCESS	LICQUER EPT 17	1200	27			1200		28					1	20		
20					SPARE		29						30					1	20		
20	1				SPARE		31						32					1	20		
20	1				SPARE		33						34					1	20		
20	1				SPARE		35						36					1	20		
20	1				SPARE		37						38					1	20		
20	1				SPARE		39						40					1	20		
20	1				SPARE		41						42					1	20		
				TOTAL					5320	6840	5440		18	KVA (CONNECTED)		49	AMPS (CONNECTED)				
													18	KVA (DEMAND)		49	AMPS (DEMAND)				

PANEL EH1		MOUNTING SURFACE		LOCATION		ELEC RM		MAIN BUS RATING		100 AMPS											
MAIN CB		POLES 3		FRAME 100		TRIP 100		MINIMUM BREAKER INTERRUPTING CAPACITY		65KAIC											
VOLTAGE 480Y/277		PHASE 3		ACCESSORIES SN + EQP GND																	
AMPS TRIP	DEVICES	POLES	TYPE	BRANCH CIRCUIT			PHASE LOAD			BRANCH CIRCUIT			DEVICES	AMPS TRIP							
				LOAD	DESCRIPTION	VOLT AMPS	NO	A	B	C	NO	VOLT AMPS			DESCRIPTION	LOAD	TYPE	POLES	AMPS TRIP		
20	1		L		LIGHTS 103,102	1560	1		3122				2	1562	LIGHTS	CIRCULATION 104	L	1	20		
20	1		L		LIGHTS CHEM MIX 105	1950	3			3902			4	1952	LIGHTS	MEGA MIX & HOLDING	L	1	20		
20	1		L		LIGHTS CHEM MIX 105	1560	5				3632		6	2072	LIGHTS	RECEIVING	L	1	20		
20	1		L		LIGHTS CHEM MIX 105	1755	7		4055				8	2300	LIGHTS	FINISHING SOUTH	L	1	20		
20	1		L		LIGHTS CASTING 113	1756	9			3512			10	1756	CORE	EXTRACTION	L	1	20		
20	1		L		LIGHTS FINISHING RM 108	2072	11			3424			12	1352	LIGHTS	NDT AREA RM 115	L	1	20		
20	1		L		LIGHTS RM 108,113,121,132	1286	13		2530				14	1244	LIGHTS	CUREBAY 121	L	1	20		
20	1		L		LIGHTS CURE BAY 121	1121	15			1841			16	720	LIGHTS	CUREBAY 121	L	1	20		
20	1				SPARE		17						18					1	20		
20	1				SPARE		19						20					1	20		
20	1				SPARE		21						22					1	20		
20	1				SPARE		23						24					1	20		
20	1				SPARE		25						26					1	20		
20	1				SPARE		27						28					1	20		
20	1				SPARE		29						30					1	20		
20	1				SPARE		31						32					1	20		
20	1				SPARE		33						34					1	20		
20	1				SPARE		35						36					1	20		
20	1				SPARE		37						38					1	20		
20	1				SPARE		39						40					1	20		
20	1				SPARE		41						42					1	20		
				TOTAL					9707	9255	7056		26	KVA (CONNECTED)		31	AMPS (CONNECTED)				
													26	KVA (DEMAND)		31	AMPS (DEMAND)				

PANEL ELP		MOUNTING SURFACE		LOCATION		ELEC RM		MAIN BUS RATING		200 AMPS										
MAIN CB		POLES 3		FRAME 200		TRIP 175		MINIMUM BREAKER INTERRUPTING CAPACITY		10KA										
VOLTAGE 208Y/120		PHASE 3		ACCESSORIES SN + EQP GND																
AMPS TRIP	DEVICES	POLES	TYPE	BRANCH CIRCUIT			PHASE LOAD			BRANCH CIRCUIT			DEVICES	AMPS TRIP						
				LOAD	DESCRIPTION	VOLT AMPS	NO	A	B	C	NO	VOLT AMPS			DESCRIPTION	LOAD	TYPE	POLES	AMPS TRIP	
20	1		M		IT EQUIPMENT	1200	1		7440				2	6240	LICQUER	MIX EQT 23	M	2	80	
20	1		M		IT EQUIPMENT	1200	3			7440			4	6240	-		M	-	-	-
20	1		C	2	20	SPARE	7			1800			6	1800	CORE	EXTRACT EQT 36	M	-	15	
20	1				SPARE		7			1800			8	1800	CASTING	EQT 37	M	-	20	
15	3		M		OVER HEAD	DOOR	637	9			2437		10	1800	CASTING	EQT 39	M	-	20	
-			M		-		637	11			2437		12	1800	CASTING	EQT 40	M	-	20	
-			M		-		637	13		2437			14	1800	CASTING	EQT 41	M	-	20	
15	3		M		OVER HEAD	DOOR	637	15			1837		16	1200	CASTING	EQT 43	M	-	15	
-			M		-		637	17			1837		18	1200	CASTING	EQT 44	M	-	15	
-			M		-		637	19		2224			20	1587	EF-9	CHEM MIXING	M	-	25	
20	1		L		LIGHTING	CONTACTOR	200	21			200		22					1	20	
20	1				SPARE		23				864		24	864						