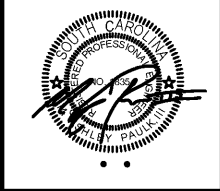




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PROJECT TITLE:  
**SRP  
BRANCH  
BANK**

REVISIONS			
REV #	DATE	APRVD BY	REVISION
1	3/17/21	AF	ISSUE FOR PERMIT



DA PROJECT NUMBER & NAME:  
2092  
DRAWING TITLE:  
**ELECTRICAL  
SCHEDULES**

DRAWING NO:  
**E601**

**PANELBOARD: MDP**

LOCATION: MECH/ ELEC 112      VOLTAGE: 208Y/120 V, 3 ø 4 W.  
MOUNTING: SURFACE NEMA1      A.I.C. RATING: 22,000 AMPS SYMMETRICAL  
MAIN DEVICE: 400.0 A MLO      SPECIAL:  
BUS AMPS: 400 AMPS      FED FROM:

LOAD DESCRIPTION	NOTE S	BKR	P	CKT	PHASE A kVA	PHASE B kVA	PHASE C kVA	CKT	P	BKR	NOTE S	LOAD DESCRIPTION
L1		225.0 A	3	1	14.7	3.9		2				OHP-1b
				3			20.3	3.9				
				5								
SPACE	--	--	--	7	0.0	3.9		8				OHP-1a
SPACE	--	--	--	9			0.0	3.9				
SPACE	--	--	--	11			0.0	3.9				
SPACE	--	--	--	13	0.0	0.0						SPACE
SPACE	--	--	--	15			0.0	0.0				SPACE
SPACE	--	--	--	17			0.0	0.0				SPACE
SPACE	--	--	--	19	0.0	0.0						SPACE
SPACE	--	--	--	21			0.0	0.0				SPACE
SPACE	--	--	--	23			0.0	0.0				SPACE
<b>TOTAL LOAD:</b>					22 kVA	28 kVA	20 kVA					
<b>TOTAL AMPS:</b>					189 A	235.5 A	170 A					
LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS								
HVAC	29050 VA	100.00%	29050 VA									
Other	2400 VA	100.00%	2400 VA	<b>CONNECTED LOAD: 70822 VA</b>								
Power	3010 VA	100.00%	3010 VA	<b>ESTIMATED DEMAND: 61826 VA</b>								
RCPT	29379 VA	67.02%	19690 VA	<b>CONNECTED CURRENT: 196.6 A</b>								
LITES	2157 VA	125.00%	2696 VA	<b>EST. DEMAND CURRENT: 171.6 A</b>								
FIRE ALARM	600 VA	100.00%	600 VA									
MTR	598 VA	122.09%	730 VA									
HEAT	4500 VA	100.00%	4500 VA									
Lighting	43 VA	100.00%	43 VA									

**PANELBOARD: L1**

LOCATION: MECH/ ELEC 112      VOLTAGE: 208Y/120 V, 3 ø 4 W.  
MOUNTING: SURFACE NEMA 1      A.I.C. RATING: 22,000 AMPS SYMMETRICAL  
MAIN DEVICE: 225.0 A MLO      SPECIAL:  
BUS AMPS: 225 AMPS      FED FROM:

LOAD DESCRIPTION	NOTE S	BKR	P	CKT	A	B	C	CKT	P	BKR	NOTE S	LOAD DESCRIPTION
LIGHTING		20.0 A	1	1	0.7			2	1			RECEPTACLES
LIGHTING		20.0 A	1	3				4	1			RECEPTACLES
LIGHTING		20.0 A	1	5				6	1			RECEPTACLES
RECEPTACLES		20.0 A	1	7	0.7		0.3	0.5	8	1		RECEPTACLES
RECEPTACLES		20.0 A	1	9				10	1			SIGNAGE
WATER COOLER		20.0 A	1	11			0.8	1.2	12	1		REFRIGERATOR
RECEPTACLES		20.0 A	1	13	0.5	1.2			14	1		DISHWASHER
RECEPTACLES		20.0 A	1	15			0.5	0.6	16	1		RECEPTACLES
RECEPTACLES		20.0 A	1	17			0.5	0.6	18	1		RECEPTACLES
RECEPTACLES		20.0 A	1	19	0.5	1.4			20	1		RECEPTACLES
RECEPTACLES		20.0 A	1	21			0.4	0.4	22	1		RECEPTACLES
RECEPTACLES		20.0 A	1	23			0.7	0.4	24	1		RECEPTACLES
DISPOSAL		20.0 A	1	25	0.2	0.4			26	1		RECEPTACLES
ITM		30.0 A	1	27			2.2	2.3	28	2		WATER HEATER
ITM		30.0 A	1	29			2.0	2.3	30	2		
ITM		30.0 A	1	31	2.0	0.5			32	1		RECIRC PUMP
ITM		30.0 A	1	33			2.0	0.9	34	1		EXT. LIGHTING
BOLLARDS		20.0 A	1	35			0.0	0.6	36	1		FACEP
RECEPTACLES		20.0 A	1	37	0.4	0.6			38	1		ALARM PANEL
RECEPTACLES		20.0 A	1	39			0.7	1.6	40	1		MICROWAVE
RECEPTACLES		20.0 A	1	41			1.1	0.1	42	1		LIGHTING
OHP 1-1		20.0 A	2	43	0.9	0.6			44	2		IHP-389
IHPs		15.0 A	2	45			0.9	0.6	46	2		DOAS-1
IHP-2		20.0 A	2	47	0.3	0.3		0.3	48	2		
IHP-2		20.0 A	2	49			0.7	0.3	50	2		RELAY PANEL
INVERTER		20.0 A	1	55	0.6	2.0			56	1		SIGNAGE
SITE LIGHTING		20.0 A	2	57			0.4	2.0	58	1		SIGNAGE
IRRIGATION...		20.0 A	1	59			0.4	0.0	60	1		SPARE
SPEAKERS		20.0 A	1	61	0.6	0.0			62	1		SPARE
SPARE		20.0 A	1	63			1.4	0.0	64	1		SPARE
SPARE		20.0 A	1	65			0.0	0.0	66	1		SPARE
SPARE		20.0 A	1	67	0.0	0.0			68	1		SPARE
SPARE		20.0 A	1	69			0.0	0.0	70	1		SPARE
SPARE		20.0 A	1	71			0.0	0.0	72	1		SPARE
SPARE		20.0 A	1	73	0.0	0.0			74	1		SPARE
SPACE	--	--	--	75			0.0	0.0	76	--	--	SPACE
SPACE	--	--	--	77			0.0	0.0	78	--	--	SPACE
SPACE	--	--	--	79	0.0	0.0			80	--	--	SPACE
SPACE	--	--	--	81			0.0	0.0	82	--	--	SPACE
SPACE	--	--	--	83			0.0	0.0	84	--	--	SPACE
<b>TOTAL LOAD:</b>					15 kVA	20 kVA	13 kVA					
<b>TOTAL AMPS:</b>					125 A	171.3 A	106 A					
LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS								
HVAC	5416 VA	100.00%	5416 VA									
Other	2400 VA	100.00%	2400 VA	<b>CONNECTED LOAD: 47683 VA</b>								
Power	3010 VA	100.00%	3010 VA	<b>ESTIMATED DEMAND: 38655 VA</b>								
RCPT	29379 VA	67.02%	19690 VA	<b>CONNECTED CURRENT: 132.4 A</b>								
LITES	2157 VA	125.00%	2696 VA	<b>EST. DEMAND CURRENT: 107.3 A</b>								
FIRE ALARM	600 VA	100.00%	600 VA									
MTR	598 VA	122.09%	730 VA									
HEAT	4500 VA	100.00%	4500 VA									
Lighting	43 VA	100.00%	43 VA									

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