3PH PANELBOARD SB1B SCHEDULE

VOLTAGE: 208Y/120 MAINS: 1800 MCB MOUNTING: SURFACE
BUS SIZE: 2000 AMP FAULT DUTY 42k

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	HTG	MISC	BRKR TRIP	P	PH A	B	C	P	BRKR TRIP	LOAD (KVA) MISC	HTG	A/C	MTR	RCPT	LTG	SERVES	No.
1	TP2B						62.0	800	3	X			3	800	22.0	0.8	48.1	0.0	2.0	1.7	DP1B	2
3							62.0				X				22.0	0.8	48.1	0.0	2.0	1.7		4
5							62.0					X			22.0	0.8	48.1	0.0	2.0	1.7		6
7	TP1B						62.0	800	3	X			3	150	0.7	0.0	0.0	3.0	0.2	0.3	EM1B (VIA ATS-B)	8
9							62.0				X				0.7	0.0	0.0	3.0	0.2	0.3		10
11							62.0					X			0.7	0.0	0.0	3.0	0.2	0.3		12
13									3	X			3									14
15											X											16
17												X										18
															440.0	2.4	144.4	9.0	6.5	6.0	CONNECTED KVA	608.3
															440.0	2.4	144.4	11.3	6.5	7.5	DEMAND KVA	609.7
																					DEMAND AMPS	1692

3PH PANELBOARD DP1B SCHEDULE

VOLTAGE: 208Y/120 MAINS: MLO MOUNTING: SURFACE
BUS SIZE: 800 AMP FAULT DUTY 22k

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	HTG	MISC	BRKR TRIP	P	PH A	B	C	P	BRKR TRIP	LOAD (KVA) MISC	HTG	A/C	MTR	RCPT	LTG	SERVES	No.
1	ECUH-1 - 111				3.0			35	2	X			2	35			3.0				ECUH-1 -101	2
3					3.0						X						3.0					4
5	FC-12 (VIA ACCU-12 ON ROOF) - 1FL N.				1.8			25	2			X	2	25			1.8				FC-12 (VIA ACCU-12 ON ROOF) - 1ST S.	6
7	CORRIDOR				1.8					X							1.8				CORRIDOR	8
9	FC-13 (VIA ACCU-13 ON ROOF) - 113				1.0			15	2		X		2	20			1.6				ECUH-2 - 109	10
11					1.0							X					1.6					12
13	FC-12 (VIA ACCU-12 ON ROOF) - 1FL N.				1.8			25	2	X			2	15			1.0				FC-13 (VIA ACCU-12 ON ROOF) - 105	14
15	CORRIDOR				1.8						X						1.0					16
17	LIGHTING - NORTH	1.0						20	1			X	1	20						0.6	EXTERIOR LIGHTING - WALL PACKS & BOLLARD	18
19	LIGHTING - SOUTH	0.9						20	1	X			1								SPARE	20
21	DWH-2 - 108					1.2		20	2		X		2	40	6.2						2-PORT EV CHARGER	22
23						1.2						X			6.2							24
25	EXTERIOR LIGHTING - LIGHT POLES	0.4						20	2	X			2	25			1.9				FC-9 (VIA ACCU-9 ON ROOF) - CONNECTOR	26
27		0.4									X						1.9					28
29	DOAS-1 (MOTOR/CTRL) - ROOF				8.8			80	3	X			3	225			21.6				DOAS-1 (COIL) - ROOF	30
31					8.8						X						21.6					32
33					8.8							X					21.6					34
35	RECEPTACLES - 103		0.7					20	1				1	20							SPARE	36
37	RECEPTACLES - EXTERIOR		1.3					20	1	X			1	20	0.0	0.0	7.7	0.0	0.8	0.6	DP2B	38
39	RECEPTACLES - 110,106		0.7					20	1		X		3	250	0.0	0.0	7.7	0.0	0.8	0.6		40
41	RECEPTACLES - 110,102		0.9					20	1			X			0.0	0.0	7.7	0.0	0.8	0.6		42
43	1-PORT EV CHARGER						3.1	40	2	X			2	40	6.2						2-PORT EV CHARGER	44
45							3.1				X				6.2							46
47	2-PORT EV CHARGER						6.2	40	2			X	2	40	6.2						2-PORT EV CHARGER	48
49							6.2			X					6.2							50
51	SPACE								1			X	2	40	6.2						2-PORT EV CHARGER	52
53	SPACE								1						6.2							54
55	SPACE								1	X			1								SPACE	56
57	SPACE								1			X	1								SPACE	58
59	SPACE								1				1								SPACE	60
															68.2	2.4	148.2	0.0	5.9	5.1	CONNECTED KVA	229.8
															68.2	2.4	148.2	0.0	5.9	6.4	DEMAND KVA	228.7
																					DEMAND AMPS	635

3PH PANELBOARD DP2B SCHEDULE

VOLTAGE: 208Y/120 MAINS: 250A MCB MOUNTING: SURFACE
BUS SIZE: 250 AMP FAULT DUTY 10k

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	HTG	MISC	BRKR TRIP	P	PH A	B	C	P	BRKR TRIP	LOAD (KVA) MISC	HTG	A/C	MTR	RCPT	LTG	SERVES	No.
1	FC-12 (VIA ACCU-12 ON ROOF) - 2FL N.				1.8			25	2	X			2	25			1.8				FC-12 (VIA ACCU-12 ON ROOF) - 2FL S.	2
3	CORRIDOR				1.8						X						1.8				CORRIDOR	4
5	FC-13 (VIA ACCU-13 ON ROOF) - 208				1.0			15	2			X	2	15			1.0				FC-13 (VIA ACCU-12 ON ROOF) - 203	6
7					1.0					X							1.0					8
9	FC-12 (VIA ACCU-12 ON ROOF) - 211				1.8			25	2		X		2	20							SPARE	10
11					1.8							X										12
13	SPARE							20	2	X			2	20							SPARE	14
15											X											16
17	SPACE								2			X	2								SPACE	18
19										X												20
21	RECEPTACLES - 203,208		0.5					20	1		X		1	20					1.100		REEPTACLES - ROOF	22
23	RECEPTACLES - NORTH		0.9					20	1			X	1	20					0.900		RECEPTACLES - SOUTH	24
25	LIGHTING - NORTH	0.9						20	1	X			1	20						0.9	LIGHTING - SOUTH	26
27	SPACE								1		X		1								SPACE	28
29	SPACE								1			X	1								SPACE	30
															0.0	0.0	14.8	0.0	3.4	1.8	CONNECTED KVA	20.0
															0.0	0.0	14.8	0.0	3.4	2.3	DEMAND KVA	20.5
																					DEMAND AMPS	57

3PH PANELBOARD EM1B SCHEDULE

VOLTAGE: 208Y/120 MAINS: 150A MCB MOUNTING: SURFACE REMARKS:
BUS SIZE: 225 AMP FAULT DUTY 42k

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	HTG	MISC	BRKR TRIP	P	PH A	B	C	P	BRKR TRIP	LOAD (KVA) MISC	HTG	A/C	MTR	RCPT	LTG	SERVES	No.
1				3.6						X			1	20						0.8	EM LIGHTS - 1ST & 2ND FLOOR	2
3	ELEVATOR DISC SW			3.6				40	3		X		1	20						0.1	EXIT LIGHTS - 1ST & 2ND FLOOR	4
5				3.6								X	1	20							SPARE	6
7	SP-1			1.7				20	1	X			1	20							SPARE	8
9	SPARE							20	1		X		1	20							SPARE	10
11	SPARE							20	1			X	1	20							SPARE	12
13	SPARE							20	1	X			1	20							SPARE	14
15	SPARE							20	1		X		1	20							SPARE	16
17	SPARE							20	1			X	1	20							SPARE	18
19	SPARE							20	1	X			1	20							SPARE	20
21	SPARE							20	1		X		1	20							SPARE	22
23	SPACE								1			X	1	20							SPARE	24
25	SPACE								1	X			1	20							SPARE	26
27	SPACE								1		X		1	20							SPARE	28
29	SPACE								1			X	1	20							SPARE	30
															0.0	0.0	0.0	12.5	0.0	0.9	CONNECTED KVA	13.4
															0.0	0.0	0.0	15.6	0.0	1.1	DEMAND KVA	16.8
																					DEMAND AMPS	46

General Lighting, Small Appliance, and Laundry Loads

Qty	Room Type		
1	All 1BR & 2BR at 14674 sqft ea x 3W/sqft	44022 VA	44022

Qty	Load Type		
21	(1) Small Appliances at 1500VA ea	3000 VA	63000
		Subtotal	**107,022 VA**

Appliance Load

Qty	Appliance Type	Load	
21	Dishwasher	1200 VA	25200
21	Range	10200 VA	214200
21	Disposal	800 VA	16800
21	Hood	300 VA	6300
21	Water Heater	4600 VA	96600
		Subtotal	**359,100 VA**

HVAC Loads

Qty	Appliance Type	Load	
19	ACCU-10 (1BR)	2912 VA	55328
2	ACCU-11 (2BR)	2912 VA	5824
		Subtotal	**61,152 VA**
		Total	**527,274 VA**
		37% Demand Factor for 21 Dwelling Units	**195,091 VA**
		Total Meter Bank Load	**195,091 VA**
		Total Meter Bank Ampacity 120/208V, 3-Phase, 4-Wire	**542 AMPS**

New Addition - TP2B (2nd Floor)

General Lighting, Small Appliance, and Laundry Loads

Qty	Room Type		
1	All 1BR & 2BR at 14892 sqft ea x 3W/sqft	44676 VA	44676

Qty	Load Type		
21	(2) Small Appliances at 1500VA ea	3000 VA	63000
		Subtotal	**107,676 VA**

Appliance Load

Qty	Appliance Type	Load	
21	Dishwasher	1200 VA	25200
21	Range	10200 VA	214200
21	Disposal	800 VA	16800
21	Hood	300 VA	6300
21	Water Heater	4600 VA	96600
		Subtotal	**359,100 VA**

HVAC Loads

Qty	Appliance Type	Load	
19	ACCU-10 (1BR)	2912 VA	55328
2	ACCU-11 (2BR)	2912 VA	5824
		Subtotal	**61,152 VA**
		Total	**527,928 VA**
		37% Demand Factor for 21 Dwelling Units	**195,333 VA**
		Total Meter Bank Load	**195,333 VA**
		Total Meter Bank Ampacity 120/208V, 3-Phase, 4-Wire	**543 AMPS**

TYPICAL 1PH PANEL SCHEDULE (2BR/1BA)

VOLTAGE: 208Y/120 MAINS 125A MCB MOUNTING: RECESSED REMARK PROVIDE TVSS
BUS SIZE: 225 AMP FAULT DUTY: 22k

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	HTG	MISC	BRKR TRIP	P	PH A	C	P	BRKR TRIP	LOAD (KVA) MISC	HTG	A/C	MTR	RCPT	LTG	SERVES	No.
1	STOVE		5.0					60	2	X		2	20			1.5				ACCU-11 (ROOF)	2
3			5.0								X					1.5					4
5	HOOD FAN		0.3					20	1	X		2	30		2.2					DWH-1 (OR DWH-4)	6
7	REFRIGERATOR (GFCI BREAKER)		0.6					20	1		X				2.2						8
9	COUNTERTOP RECEPTACLES		0.4					20	1	X		1	20					1.2		LIVING ROOM RECEPTACLES (AFCI BRKR)	10
11	GARBAGE DISPOSAL (GFCI BREAKER)		0.8					20	1		X	1	20					1.4		BEDROOM 1 RECEPTACLES (AFCI BRKR)	12
13	DISHWASHER		1.2					15	1	X		1	20					1.1		BEDROOM 2 RECEPTACLES (AFCI BRKR)	14
15	SINK GFCI		0.2					20	1		X	1	20	0.3						TF-1	16
17	SMOKE DETECTOR						0.6	20	1	X		1	20	0.3						FIRE DAMPER	18
19	BIDET							30	1		X	1	20						0.2	LIGHTING	20
21	SPARE							20	1	X		1	20							SPARE	22
23	SPARE							20	1		X	1	20							SPARE	24
25	SPARE							20	1	X		1	20							SPARE	26
27	SPACE							-	1		X	1	-							SPACE	28
29	SPACE							-	1	X		1	-							SPACE	30
														1.2	4.4	3.0	0.0	17.2	0.2	CONNECTED KVA	26.0
														1.2	4.4	3.0	0.0	13.6	0.2	DEMAND KVA	19.4
																				DEMAND AMPS	81

TYPICAL 1PH PANEL SCHEDULE (1BR/1BA)

VOLTAGE: 208Y/120 MAINS 125A MCB MOUNTING: RECESSED REMARKS: PROVIDE TVSS
BUS SIZE: 225 AMP FAULT DUTY: 22k

No.	SERVES	LOAD (KVA) LTG	RCPT	MTR	A/C	HTG	MISC	BRKR TRIP	P	PH A	C	P	BRKR TRIP	LOAD (KVA) MISC	HTG	A/C	MTR	RCPT	LTG	SERVES	No.
1	STOVE		5.0					60	2	X		2	20			1.5				ACCU-10 (ROOF)	2
3			5.0								X					1.5					4
5	HOOD FAN		0.3					20	1	X		2	30		2.2					DWH-1 (OR DWH-4)	6
7	REFRIGERATOR (GFCI BREAKER)		0.6					20	1		X				2.2						8
9	COUNTERTOP RECEPTACLES		0.4					20	1	X		1	20					0.9		LIVING ROOM RECEPTACLES (AFCI BRKR)	10
11	GARBAGE DISPOSAL (GFCI BREAKER)		0.8					20	1		X	1	20					1.4		BEDROOM 1 RECEPTACLES (AFCI BRKR)	12
13	DISHWASHER		1.2					15	1	X		1	20							SPARE	14
15	SINK GFCI		0.2					20	1		X	1	20	0.3						TF-1	16
17	SMOKE DETECTOR						0.4	20	1	X		1	20	0.3						FIRE DAMPER	18
19	BIDET							30	1		X	1	20						0.2	LIGHTING	20
21	SPARE							20	1	X		1	20							SPARE	22
23	SPARE							20	1		X	1	20							SPARE	24
25	SPARE							20	1	X		1	20							SPARE	26
27	SPACE							-	1		X	1	-							SPACE	28
29	SPACE							-	1	X		1	-							SPACE	30
														1.0	4.4	3.0	0.0	15.8	0.2	CONNECTED KVA	24.4
														1.0	4.4	3.0	0.0	12.9	0.2	DEMAND KVA	18.5
																				DEMAND AMPS	77

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KEY PLANS

SHEET TITLE

ELECTRICAL PANEL SCHEDULES - NEW ADDITION

SCALE: AS NOTED

ISSUED FOR	DATE
Permits	12.20.2024
Bulletin No. 1	02.19.2025
Bulletin No. 2	03.05.2025
Bulletin No. 3	05.19.2025

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APPROVED

21026.00

FILE NO.

E-403

SHEET NO.