

PANELBOARD 3GC PANEL TYPE GO		NEMA ENCLOSURE 1 MOUNTING RECESSED		AIC RATING 10,000 NOTES TOP FEED						
MAIN BREAKER		VOLTAGE 240/120V MAINS 125A MCB		PHASE 1 WIRE 3 PNL MAX AMPS 150A OPTIONS						
CCT NO.	LOAD DESCRIPTION	BKR SIZE	BKR OPT	ACTUAL KW	PHASE	ACTUAL KW	BKR OPT	BKR SIZE	LOAD DESCRIPTION	CCT NO.
1	RANGE	40/2		4.800	A	4.750		40/2	AHU-3G	2
3				4.800	B	4.750				4
5	DRYER	30/2		2.800	A	2.250		25/2	EW-1	6
7				2.800	B	2.250				8
9	RECEPT - WASHING MACHINE [D]	20/1	AFCI	1.500	A	1.620		30/2	CU-3G	10
11	RECEPT - LIVING/ PATIO	20/1	AFCI	0.900	B	1.620				12
13	RECEPT - DISHWASHER [D]	20/1		0.500	A	0.720	AFCI	20/1	RECEPT - DINING/ HALL	14
15	RECEPT - DISPOSAL [D]	20/1		0.500	B	0.900	AFCI	20/1	RECEPT - ENTRY/ LIVING	16
17	RECEPT - MICROWAVE [D]	20/1		0.950	A	0.900	AFCI	20/1	RECEPT - MASTER BEDROOM	18
19	RECEPT - REFRIGERATOR [D]	20/1		0.500	B	0.900	AFCI	20/1	RECEPT - BEDROOM #1	20
21	RECEPT - KITCHEN COUNTER	20/1		0.540	A	0.900	AFCI	20/1	RECEPT - BEDROOM #2	22
23	RECEPT - KITCHEN COUNTER/ ISLAND	20/1		0.540	B	0.601		20/1	LIGHTS - ENTRY/ KIT/ LIV/ DIN/ PATIO	24
25	LTS/REC - MASTER BATHROOM	20/1		0.580	A	0.411	AFCI	20/1	LTS/REC - MASTER BED/ HALL/ LAUNDRY	26
27	LTS/REC - BATHROOM #2	20/1		0.580	B	0.480	AFCI	20/1	LTS/REC - BEDROOM #1 & #2	28
29	LTS/REC - GARAGE*	20/1		0.000	A	0.000		20/1	SPARE	30
31	SPARE	20/1		0.000	B	0.000		20/1	SPARE	32
NOTES: * WHERE APPLICABLE		ACTUAL CONNECTED 23.221 KW PHASE A 22.121 KW PHASE B 45.342 KW TOTAL		189 AMPS						

PANELBOARD 3GCA PANEL TYPE GO		NEMA ENCLOSURE 1 MOUNTING RECESSED		AIC RATING 10,000 NOTES TOP FEED						
MAIN BREAKER		VOLTAGE 240/120V MAINS 125A MCB		PHASE 1 WIRE 3 PNL MAX AMPS 150A OPTIONS						
CCT NO.	LOAD DESCRIPTION	BKR SIZE	BKR OPT	ACTUAL KW	PHASE	ACTUAL KW	BKR OPT	BKR SIZE	LOAD DESCRIPTION	CCT NO.
1	RANGE	40/2		4.800	A	4.750		40/2	AHU-3G	2
3				4.800	B	4.750				4
5	DRYER	30/2		2.800	A	2.250		25/2	EW-1	6
7				2.800	B	2.250				8
9	RECEPT - WASHING MACHINE [D]	20/1	AFCI	1.500	A	1.620		30/2	CU-3G	10
11	RECEPT - LIVING/ PATIO	20/1	AFCI	0.900	B	1.620				12
13	RECEPT - DISHWASHER [D]	20/1		0.500	A	0.720	AFCI	20/1	RECEPT - DINING/ HALL	14
15	RECEPT - DISPOSAL [D]	20/1		0.500	B	0.900	AFCI	20/1	RECEPT - ENTRY/ LIVING	16
17	RECEPT - MICROWAVE [D]	20/1		0.950	A	0.900	AFCI	20/1	RECEPT - MASTER BEDROOM	18
19	RECEPT - REFRIGERATOR [D]	20/1		0.500	B	0.900	AFCI	20/1	RECEPT - BEDROOM #1	20
21	RECEPT - KITCHEN COUNTER	20/1		0.540	A	0.900	AFCI	20/1	RECEPT - BEDROOM #2	22
23	RECEPT - KITCHEN COUNTER/ ISLAND	20/1		0.540	B	0.601		20/1	LIGHTS - ENTRY/ KIT/ LIV/ DIN/ PATIO	24
25	LTS/REC - MASTER BATHROOM	20/1		0.580	A	0.411	AFCI	20/1	LTS/REC - MASTER BED/ HALL/ LAUNDRY	26
27	LTS/REC - BATHROOM #2	20/1		0.580	B	0.480	AFCI	20/1	LTS/REC - BEDROOM #1 & #2	28
29	LTS/REC - GARAGE*	20/1		0.000	A	0.000		20/1	SPARE	30
31	SPARE	20/1		0.000	B	0.000		20/1	SPARE	32
NOTES: * WHERE APPLICABLE		ACTUAL CONNECTED 23.221 KW PHASE A 22.121 KW PHASE B 45.342 KW TOTAL		189 AMPS						

PANELBOARD 3GCN PANEL TYPE GO		NEMA ENCLOSURE 1 MOUNTING RECESSED		AIC RATING 10,000 NOTES TOP FEED						
MAIN BREAKER		VOLTAGE 240/120V MAINS 125A MCB		PHASE 1 WIRE 3 PNL MAX AMPS 150A OPTIONS						
CCT NO.	LOAD DESCRIPTION	BKR SIZE	BKR OPT	ACTUAL KW	PHASE	ACTUAL KW	BKR OPT	BKR SIZE	LOAD DESCRIPTION	CCT NO.
1	RANGE	40/2		4.800	A	4.750		40/2	AHU-3G	2
3				4.800	B	4.750				4
5	DRYER	30/2		2.800	A	2.250		25/2	EW-1	6
7				2.800	B	2.250				8
9	RECEPT - WASHING MACHINE [D]	20/1	AFCI	1.500	A	1.620		30/2	CU-3G	10
11	RECEPT - LIVING/ PATIO	20/1	AFCI	0.900	B	1.620				12
13	RECEPT - DISHWASHER [D]	20/1		0.500	A	0.720	AFCI	20/1	RECEPT - DINING/ HALL	14
15	RECEPT - DISPOSAL [D]	20/1		0.500	B	0.900	AFCI	20/1	RECEPT - ENTRY/ LIVING	16
17	RECEPT - MICROWAVE [D]	20/1		0.950	A	0.900	AFCI	20/1	RECEPT - MASTER BEDROOM	18
19	RECEPT - REFRIGERATOR [D]	20/1		0.500	B	0.900	AFCI	20/1	RECEPT - BEDROOM #1	20
21	RECEPT - KITCHEN COUNTER	20/1		0.540	A	0.900	AFCI	20/1	RECEPT - BEDROOM #2	22
23	RECEPT - KITCHEN COUNTER/ ISLAND	20/1		0.540	B	0.601		20/1	LIGHTS - ENTRY/ KIT/ LIV/ DIN/ PATIO	24
25	LTS/REC - MASTER BATHROOM	20/1		0.580	A	0.411	AFCI	20/1	LTS/REC - MASTER BED/ HALL/ LAUNDRY	26
27	LTS/REC - BATHROOM #2	20/1		0.580	B	0.480	AFCI	20/1	LTS/REC - BEDROOM #1 & #2	28
29	SPARE	20/1		0.000	A	0.000		20/1	SPARE	30
31	SPARE	20/1		0.000	B	0.000		20/1	SPARE	32
NOTES: * WHERE APPLICABLE		ACTUAL CONNECTED 23.221 KW PHASE A 22.085 KW PHASE B 45.306 KW TOTAL		189 AMPS						

PANELBOARD 3GO PANEL TYPE GO		NEMA ENCLOSURE 1 MOUNTING RECESSED		AIC RATING 10,000 NOTES TOP FEED						
MAIN BREAKER		VOLTAGE 240/120V MAINS 125A MCB		PHASE 1 WIRE 3 PNL MAX AMPS 150A OPTIONS						
CCT NO.	LOAD DESCRIPTION	BKR SIZE	BKR OPT	ACTUAL KW	PHASE	ACTUAL KW	BKR OPT	BKR SIZE	LOAD DESCRIPTION	CCT NO.
1	RANGE	40/2		4.800	A	4.750		40/2	AHU-3G	2
3				4.800	B	4.750				4
5	DRYER	30/2		2.800	A	2.250		25/2	EW-1	6
7				2.800	B	2.250				8
9	RECEPT - WASHING MACHINE [D]	20/1	AFCI	1.500	A	1.620		30/2	CU-3G	10
11	RECEPT - LIVING/ VESTI/ BALCONY	20/1	AFCI	0.900	B	1.620				12
13	RECEPT - DISHWASHER [D]	20/1		0.500	A	0.900	AFCI	20/1	RECEPT - DINING/ HALL	14
15	RECEPT - DISPOSAL [D]	20/1		0.500	B	1.080	AFCI	20/1	RECEPT - LIVING ROOM	16
17	RECEPT - MICROWAVE [D]	20/1		0.950	A	0.900	AFCI	20/1	RECEPT - MASTER BEDROOM	18
19	RECEPT - REFRIGERATOR [D]	20/1		0.500	B	0.900	AFCI	20/1	RECEPT - BEDROOM #1	20
21	RECEPT - KITCHEN COUNTER	20/1		0.540	A	0.900	AFCI	20/1	RECEPT - BEDROOM #2	22
23	RECEPT - KITCHEN COUNTER/ ISLAND	20/1		0.540	B	0.601		20/1	LIGHTS - VEST/ KIT/ LIV/ DIN/ BALCONY	24
25	LTS/REC - MASTER BATHROOM	20/1		0.580	A	0.411	AFCI	20/1	LTS/REC - MASTER BED/ HALL/ LAUNDRY	26
27	LTS/REC - BATHROOM #2	20/1		0.580	B	0.480	AFCI	20/1	LTS/REC - BEDROOM #1 & #2	28
29	EBB-1*	20/1		0.400	A	0.000		20/1	SPARE	30
31	SPARE	20/1		0.000	B	0.000		20/1	SPARE	32
NOTES: * WHERE APPLICABLE		ACTUAL CONNECTED 23.801 KW PHASE A 22.301 KW PHASE B 46.102 KW TOTAL		192 AMPS						

PANELBOARD S1 PANEL TYPE GO		NEMA ENCLOSURE 1 MOUNTING RECESSED		AIC RATING 10,000 NOTES TOP FEED						
MAIN BREAKER		VOLTAGE 240/120V MAINS 125A MCB		PHASE 1 WIRE 3 PNL MAX AMPS 125A OPTIONS						
CCT NO.	LOAD DESCRIPTION	BKR SIZE	BKR OPT	ACTUAL KW	PHASE	ACTUAL KW	BKR OPT	BKR SIZE	LOAD DESCRIPTION	CCT NO.
1	RANGE	40/2		4.800	A	1.800		20/2	AHU-S	2
3				4.800	B	1.800				4
5	DRYER	30/2		2.800	A	2.250		25/2	EW-1	6
7				2.800	B	2.250				8
9	SPARE	20/1		0.000	A	0.800		15/2	CU-S	10
11	RECEPT - PATIO	20/1	AFCI	0.180	B	0.900				12
13	RECEPT - DISHWASHER [D]	20/1		0.500	A	0.540	AFCI	20/1	RECEPT - HALL	14
15	RECEPT - DISPOSAL [D]	20/1		0.500	B	0.720	AFCI	20/1	RECEPT - LIVING ROOM	16
17	RECEPT - MICROWAVE [D]	20/1		0.950	A	0.900	AFCI	20/1	RECEPT - MASTER BEDROOM	18
19	RECEPT - REFRIGERATOR [D]	20/1		1.500	B	0.229		20/1	LIGHTS - KITCHEN/ LIVING/ PATIO	20
21	RECEPT - KITCHEN COUNTER	20/1		0.360	A	0.276	AFCI	20/1	LTS/REC - BEDROOM HALLWAY	22
23	RECEPT - KITCHEN COUNTER/ ISLAND	20/1		0.540	B	0.580		20/1	LTS/REC - BATHROOM	24
25	SPARE	20/1		0.000	A	0.000		20/1	SPARE	26
27	SPARE	20/1		0.000	B	0.000		20/1	SPARE	28
29	SPACE	20/1		0.000	A	0.000			SPACE	30
31	SPACE	20/1		0.000	B	0.000			SPACE	32
NOTES: * WHERE APPLICABLE		ACTUAL CONNECTED 15.976 KW PHASE A 16.699 KW PHASE B 32.675 KW TOTAL		136 AMPS						

PANELBOARD S0 PANEL TYPE GO		NEMA ENCLOSURE 1 MOUNTING RECESSED		AIC RATING 10,000 NOTES TOP FEED						
MAIN BREAKER		VOLTAGE 240/120V MAINS 125A MCB		PHASE 1 WIRE 3 PNL MAX AMPS 125A OPTIONS						
CCT NO.	LOAD DESCRIPTION	BKR SIZE	BKR OPT	ACTUAL KW	PHASE	ACTUAL KW	BKR OPT	BKR SIZE	LOAD DESCRIPTION	CCT NO.
1	RANGE	40/2		4.800	A	1.800		20/2	AHU-S	2
3				4.800	B	1.800				4
5	DRYER	30/2		2.800	A	2.250		25/2	EW-1	6
7				2.800	B	2.250				8
9	SPARE	20/1		1.500	A	0.800		15/2	CU-S	10
11	RECEPT - VESTIBULE	20/1	AFCI	0.360	B	0.800				12
13	RECEPT - DISHWASHER [D]	20/1		0.500	A	0.720	AFCI	20/1	RECEPT - HALL	14
15	RECEPT - DISPOSAL [D]	20/1		0.500	B	0.900	AFCI	20/1	RECEPT - LIVING ROOM	16
17	RECEPT - MICROWAVE [D]	20/1		0.950	A	0.720	AFCI	20/1	RECEPT - MASTER BEDROOM	18
19	RECEPT - REFRIGERATOR [D]	20/1		1.500	B	0.169		20/1	LIGHTS - KITCHEN/ LIVING ROOM	20
21	RECEPT - KITCHEN COUNTER	20/1		0.360	A	0.792	AFCI	20/1	LTS/REC - BEDROOM/ HALL/ VESTIBULE	22
23	RECEPT - KITCHEN COUNTER/ ISLAND	20/1		0.540	B	0.580		20/1	LTS/REC - BATHROOM	24
25	SPARE	20/1		0.000	A	0.000		20/1	SPARE	26
27	EBB-1*	20/1		0.400	B	0.000		20/1	SPARE	28
29	SPACE	20/1		0.000	A	0.000			SPACE	30
31	SPACE	20/1		0.000	B	0.000			SPACE	32
NOTES: * WHERE APPLICABLE		ACTUAL CONNECTED 17.992 KW PHASE A 17.399 KW PHASE B 35.391 KW TOTAL		147 AMPS						

PANEL SCHEDULE LEGEND

BREAKER OPTIONS

- LO HANDLE LOCK-ON DEVICE
- LF HANDLE LOCK-OFF DEVICE
- PA HANDLE PADLOCK DEVICE
- ST SHUNT TRIP BREAKER
- AS POWER LINK AS BREAKER
- GFCL GROUND FAULT CIRCUIT INTERRUPTER BREAKER
- HACR HEATING,