

PANEL - R1											
PANELBOARD SCHEDULE											
CONNECTED LOAD (VA)											
LOAD SERVED	CKT	CKT	PHASE	LOAD	LOAD	LOAD	LOAD	LOAD	LOAD	LOAD	LOAD SERVED
	N	BKR	A B C								
MC-A1	1	20	1	860			860	1	20	2	MC-A1
	1	20	1	860			860	1	20	2	
	5	20	2	1080			1080	2	20	6	
	7	15	3	349			349	3	15	8	
	9	15	3	349			349	3	15	10	
FUTURE U.C. FRIDGE	11	20	6	750			750	6	20	12	FUTURE U.C. FRIDGE
	13	20	1	860			860	1	20	14	
	15	20	2	180			180	2	20	16	
	17	20	2	1080			1080	2	20	18	MC-A1
	19	15	3	349			349	3	15	20	
	21	3	3	349			349	3	15	22	
FUTURE U.C. FRIDGE	23	20	6	750			750	6	20	24	FUTURE U.C. FRIDGE
	25	20	1	860			860	1	20	26	
	27	20	2	180			180	2	20	28	
	29	20	2	1080			1080	2	20	30	MC-A1-ALT1
	31	15	3	349			349	3	15	32	
	33	3	3	349			349	3	15	34	
FUTURE U.C. FRIDGE	35	20	6	750			750	6	20	36	FUTURE U.C. FRIDGE
	37	20	1	860			860	1	20	38	
	39	20	2	180			180	2	20	40	
	41	20	2	1080			1080	2	20	42	MC-A2
	43	15	3	349			349	3	15	44	
	45	3	3	349			349	3	15	46	
FUTURE U.C. FRIDGE	47	20	6	750			750	6	20	48	FUTURE U.C. FRIDGE
	49	20	1	860			860	1	20	50	
	51	20	2	180			180	2	20	52	
	53	20	2	1080			1080	2	20	54	MC-A2
	55	15	3	349			349	3	15	56	
	57	3	3	349			349	3	15	58	
FUTURE U.C. FRIDGE	59	20	6	750			750	6	20	60	FUTURE U.C. FRIDGE
	61	20	1	860			860	1	20	62	FUTURE MICROWAVE
	63	20	2	180			180	2	20	64	FUTURE MICROWAVE
	65	20	2	1080			1080	2	20	66	FUTURE MICROWAVE
	67	3	3	349			349	3	15	68	FUTURE MICROWAVE
	69	15	3	349			349	3	15	70	FUTURE MICROWAVE
FUTURE U.C. FRIDGE	71	20	6	750			750	6	20	72	FUTURE MICROWAVE
	73	20	2	180			180	2	20	74	FUTURE MICROWAVE
	75	20	2	1080			1080	2	20	76	FUTURE MICROWAVE
	77	20	2	1080			1080	2	20	78	FUTURE MICROWAVE
	79	20	2	1080			1080	2	20	80	FUTURE MICROWAVE
	81	20	2	1080			1080	2	20	82	FUTURE MICROWAVE
	83	20	2	1080			1080	2	20	84	BLANK SPACE
VOLTAGE: 208 MAIN TYPE: MLO PHASE: 3 OCP: 125 WIRE: 4 FEED-THRU LUGS: NO											
NEC LOAD ANALYSIS CONTINUOUS 1 9460 125% 11825 TOTAL PHASE A 17944 RECEPTACLE 2 27370 TABLE 220.44 18685 TOTAL PHASE B 10464 HVAC EQUIPMENT 3 7688 100% 7688 TOTAL PHASE C 23610 NONCONCIDENT 4 0 0 0 MISC EQUIPMENT 5 0 100% 0 CONNECTED LOAD (VA) 52018 KITCHEN EQUIPMENT 6 7500 65% 4875 CONNECTED LOAD (A) 144 MOTOR 7 0 100% 0 DEMAND LOAD (VA) 43073 LARGEST MOTOR 8 0 25% 0 DEMAND LOAD (A) 120 DWELLING UNIT 9 0 PANEL FEEDER 9 0 * SEE THAT PANEL SCHEDULE FOR ITS SUMMARY											

PANEL - P5											
PANELBOARD SCHEDULE											
CONNECTED LOAD (VA)											
LOAD SERVED	CKT	CKT	PHASE	LOAD	LOAD	LOAD	LOAD	LOAD	LOAD	LOAD	LOAD SERVED
	N	BKR	A B C								
721,722,724-728 LTG	1	20	1	448			900	2	20	2	CORRIDOR REC
	3	20	1	448			180	2	20	4	JAN RECEPT
	5	20	1	300			336	1	20	6	723 LTG
	7	20	5	180			540	5	20	8	GWH-1 CONTROLS
	9	20	2	360			180	5	20	10	RCP-1
	11	20	2	180			540	5	20	12	GWH-1 CONTROLS
	13	5	3750				3750	5	14		730 DRYER
	15	40	5	3750			3750	5	16		730 DRYER
	17	20	5	1800			1800	5	20	18	730 WASHER
	19	20	1	500			180	2	20	20	MAINT RECEPT
	21	4	1131				3494	3	22		AHU-14
	23	4	1131				3494	3	24		AHU-14
	25	4	1555				5907	3	26		AHU-13
	27	4	1555				5907	3	28		AHU-13
	29	20	5	1508			1280	1	30		ATTIC LTG
	31	20	5	1508			1280	1	32		ATTIC RECEPT
	33	20	1	1476			34				BLANK SPACE
	35	20									BLANK SPACE
	37	20									BLANK SPACE
	39	20									BLANK SPACE
	41	20									BLANK SPACE
VOLTAGE: 208 MAIN TYPE: MLO PHASE: 3 OCP: 125 WIRE: 4 FEED-THRU LUGS: NO											
NEC LOAD ANALYSIS CONTINUOUS 1 4788 125% 5985 TOTAL PHASE A 20478 RECEPTACLE 2 3060 TABLE 220.44 3060 TOTAL PHASE B 22231 HVAC EQUIPMENT 3 18802 100% 18802 TOTAL PHASE C 12369 NONCONCIDENT 4 5372 0% 0 MISC EQUIPMENT 5 23056 100% 23056 CONNECTED LOAD (VA) 55078 KITCHEN EQUIPMENT 6 0 65% 0 CONNECTED LOAD (A) 153 MOTOR 7 0 100% 0 DEMAND LOAD (VA) 50903 LARGEST MOTOR 8 0 25% 0 DEMAND LOAD (A) 141 DWELLING UNIT 9 0 PANEL FEEDER 9 0 * SEE THAT PANEL SCHEDULE FOR ITS SUMMARY											

PANEL - P6											
PANELBOARD SCHEDULE											
CONNECTED LOAD (VA)											
LOAD SERVED	CKT	CKT	PHASE	LOAD	LOAD	LOAD	LOAD	LOAD	LOAD	LOAD	LOAD SERVED
	N	BKR	A B C								
SUN ROOM	1	20	1	444			900	2	20	2	MAINT REC
	3	20	1	918			720	2	20	4	CORRIDOR REC
	5	20	1	832			720	2	20	6	ACT DIRC REC
	7	20	1	674			180	2	20	8	DEMO AC REC
	9	20	5	500			500	2	20	10	DEMO AC REC
	11	20	5	500			500	2	20	12	911 RECEPT
	13	20	5	720			720	2	20	14	MULTI-PURPOSE REC
	15	20	5	500			540	2	20	16	SUN ROOM REC
	17	20	6	1800			4500	6	18		912 RANGE
	19	20	1	500			4500	6	20		912 RANGE
	21	4	2080				2728	4	22		CU-20
	23	4	2080				2728	4	24		CU-20
	25	3	4160				9734	3	25		AHU-20
	27	3	4160				9734	3	26		AHU-20
	29	50	4	2728			9734	3	27		AHU-21
	31	4	2728				9734	3	28		AHU-21
	33	20	2	180			34				LAMP
	35	20	1	182			36				BLANK SPACE
	37	20	1	494			38				BLANK SPACE
	39	20					40				BLANK SPACE
	41	20					42				BLANK SPACE
	43	20					44				BLANK SPACE
	45	20					46				BLANK SPACE
	47	20					48				BLANK SPACE
	49	20					50				BLANK SPACE
	51	20					52				BLANK SPACE
	53	20					54				BLANK SPACE
	55	20					56				BLANK SPACE
	57	20					58				BLANK SPACE
	59	20					60				BLANK SPACE
VOLTAGE: 208 MAIN TYPE: MLO PHASE: 3 OCP: 125 WIRE: 4 FEED-THRU LUGS: NO											
NEC LOAD ANALYSIS CONTINUOUS 1 4244 125% 5305 TOTAL PHASE A 35488 RECEPTACLE 2 5040 TABLE 220.44 5040 TOTAL PHASE B 22440 HVAC EQUIPMENT 3 47256 100% 47256 TOTAL PHASE C 26704 NONCONCIDENT 4 15072 0% 0 MISC EQUIPMENT 5 2220 100% 2220 CONNECTED LOAD (VA) 84632 KITCHEN EQUIPMENT 6 10800 65% 7020 CONNECTED LOAD (A) 235 MOTOR 7 0 100% 0 DEMAND LOAD (VA) 66841 LARGEST MOTOR 8 0 25% 0 DEMAND LOAD (A) 186 DWELLING UNIT 9 0 PANEL FEEDER 9 0 * SEE THAT PANEL SCHEDULE FOR ITS SUMMARY											

1 2 3 4 5 6

PANEL - R2											
PANELBOARD SCHEDULE											
CONNECTED LOAD (VA)											
LOAD SERVED	CKT	CKT	PHASE	LOAD	LOAD	LOAD	LOAD	LOAD	LOAD	LOAD	LOAD SERVED
	N	BKR	A B C								
MC-A1	1	20	1	860			860	1	20	2	MC-A1
	1	20	1	860			860	1	20	2	
	5	20	2	1080			1080	2	20	6	
	7	15	3	349			349	3	15	8	
	9	15	3	349			349	3	15	10	
FUTURE U.C. FRIDGE	11	20	6	750			750	6	20	12	FUTURE U.C. FRIDGE
	13	20	1	860			860	1	20	14	
	15	20	2	180			180	2	20	16	
	17	20	2	1080			1080	2	20	18	MC-A1
	19	15	3	349			349	3	15	20	
	21	3	3	349			349	3	15	22	
FUTURE U.C. FRIDGE	23	20	6	750			750	6	20	24	FUTURE U.C. FRIDGE
	25	20	1	860			860	1	20	26	
	27	20	2	180			180	2	20	28	
	29	20	2	1080			1080	2	20	30	MC-A1
	31	15	3	349							