

PANEL "A"															
TYPE: SERVICE: VOLTAGE: MOUNTING:		SQ. D. '00' OR EQ 1PH-3W 120/240 SURFACE		MAIN BUS: 200 A NEUTRAL: 200 A MAINS: 200A CB		NOTES: ① COOLING NON-COINC. ② 3.6KW HEAT+ COOLING NON-COINC. 1KW FAN ③ CB RATED FOR 15' C CONDUCTORS				④ 1.8KW HEAT+ COOLING NON-COINC. 1KW FAN					
CKT #	LOAD SERVED	# OF POLES	TRIP	VA TOTAL	VOLTS	WIRE	NOTE	CKT #	LOAD SERVED	# OF POLES	TRIP	VA TOTAL	VOLTS	WIRE	NOTE
1	AHU-1	2	60	10300	240	2#	②	2	CU-1	2	50	(5688)	240	2#	①③
3								4							
5	AHU-2	2	60	10300	240	2#	②	6	CU-2	2	45	(4320)	240	2#	①③
7								8							
9	GATE MOTOR	1	20	480	120	#2	1/2 HP4A	10	BATH GFI	1	20		120	#2	
11	GATE MOTOR	1	20	480	120	#2	1/2 HP4A	12	BATH GFI	1	20		120	#2	
13	SM. APPL.	1	20	1500	120	#2		14	SM. APPL.	1	20	1500	120	#2	
15	SM. APPL.	1	20	1500	120	#2		16	WINE CU UNIT	1	20	1500	120	#2	
17	A/V	1	20	1500	120	#2		18	FREEZER	1	20	1500	120	#2	
19	DISHWASHER 1	1	20	1500	120	#2		20	WINE UNIT	1	20	800	120	#2	
21	GARB. DISP.	1	20	1200	120	#2		22	MICROWAVE	1	20	1500	120	#2	
23	RANGE HOOD	1	20	1200	120	#2		24	FREEZER	1	20	1500	120	#2	
25	REF	1	20	1500	120	#2		26	DISHWASHER 2	1	20	1500	120	#2	
27	KITCHEN ICE	1	20	1200	120	#2		28	LP IGNITION RECEPT	1	20		120	#2	
29	BAR REF	1	20	1200	120	#2		30	LP IGNITION RECEPT	1	20		120	#2	
31								32							
33								34							
35								36							
37								38							
39								40							
41								42							
CONNECTED LOAD		43660													

PANEL "D"															
TYPE: SERVICE: VOLTAGE: MOUNTING:		SQ. D. 'QO' OR EQ 1PH-3W 120/240 SURFACE		MAIN BUS: 200 A NEUTRAL: 200 A MAINS: 200A CB		NOTES: ① COOLING NON-COINC. ② 3.6KW HEAT+ COOLING NON-COINC. TWIN FAN		③ CB RATED FOR 151 C CONDUCTORS ④ 528 SF. • 3W/8F. • 2784							
CKT #	LOAD SERVED	# OF POLES	TRIP	VA TOTAL	VOLTS	WIRE	NOTE	CKT #	LOAD SERVED	# OF POLES	TRIP	VA TOTAL	VOLTS	WIRE	NOTE
1	AHU-6	2	40	5100	240	2#		2	CU-6	2	30	(3542)	240	2#	①③
3								4							
5	PANEL E	2	100	16310	120	240	3#	6	REF	1	20	1500	120	#2	
7								8	SM AFFLIANCE BBQ	1	20	1500	120	#2	
9	BBQ HOOD	1	20	800	120	#2		10	SM AFFLIANCE BBQ	1	20	1500	120	#2	
11	GEN LIGHTING	1	15	2184	120	#4	④	12	BBQ REF	1	20	1200	120	#2	
13	GEN LIGHTING	1	15		120	#4		14	BBQ ICE	1	20	1200	120	#2	
15	GEN LIGHTING	1	15		120	#4		16	SM AFFLIANCE	1	20	1500	120	#2	
17	GEN LIGHTING	1	15		120	#4		18	SM AFFLIANCE	1	20	1500	120	#2	
19	GEN LIGHTING	1	15		120	#4		20	DISHWASHER	1	20	1500	120	#2	
21	GEN LIGHTING	1	15		120	#4		22	MICROWAVE	1	20	1500	120	#2	
23	ELEC SHADE	1	20	800	120	#2		24	BATH GFI	1	20		120	#2	
25	TANKLESS EWH.	2	40	8000	240	2#		26							
27								28							
29								30							
31															
33															
35															
37															
39															
CONNECTED LOAD		46654													

PANEL "B"

TYPE: SQ. D. '00'
SERVICE: OR EQ
VOLTAGE: 1PH-3W
MOUNTING: 120/240 SURFACE

MAIN BUS: 200 A
NEUTRAL: 200 A
MAINS: 200A CB

NOTES:
① COOLING NON-COINC.
② 3.6KW HEAT+ COOLING NON-COINC.
3.6KW FAN

③ CB RATED FOR 15' C CONDUCTORS
④ 4359 SF. • 3W/8F. • 14,811

CKT #	LOAD SERVED	# OF POLES	TRIP	VA TOTAL	VOLTS	WIRE	NOTE	CKT #	LOAD SERVED	# OF POLES	TRIP	VA TOTAL	VOLTS	WIRE	NOTE
1	CAR CHARGER	2	60	8000	240	3#		2	AHU-3	2	45	8200	240	2#	⑤
3								4							
5	PANTRY REF	1	20	1200	120	#2		6	CU-3	2	30	(4560)	240	2#	①③
7	LAUNDRY CKT	1	20	120	#2			8							
9	DRYER	2	30	5000	120/240	4#		10	OVEN	2	50	8000	240	4#	
11								12							
13	BAR ICE	1	20	1200	120	#2		14	WASHER	1	20	1500	120	#2	
15	GARAGE CKT	1	20	120	#2			16	BAR REF	1	20	1200	120	#2	
17	GEN LIGHTING	1	15	14811	120	#4	④	18	GEN LIGHTING	1	15	120	120	#4	
19	GEN LIGHTING	1	15	120	#4			20	GEN LIGHTING	1	15	120	120	#4	
21	GEN LIGHTING	1	15	120	#4			22	GEN LIGHTING	1	15	120	120	#4	
23	GEN LIGHTING	1	15	120	#4			24	GEN LIGHTING	1	15	120	120	#4	
25	GEN LIGHTING	1	15	120	#4			26	SM APPLIANCE	1	20	1500	120	#2	
27	GEN LIGHTING	1	15	120	#4			28	GEN LIGHTING	1	15	120	120	#4	
29	GEN LIGHTING	1	15	120	#4			30	GEN LIGHTING	1	15	120	120	#4	
31	GEN LIGHTING	1	15	120	#4			32	GEN LIGHTING	1	15	120	120	#4	
33	GEN LIGHTING	1	15	120	#4			34	ELEC SHADE	1	20	800	120	#2	
35	GEN LIGHTING	1	15	120	#4			36	ELEC SHADE	1	20	800	120	#2	
37	ELEC SHADE	1	20	800	120	#2		38							
39								40							
41								42							

CONNECTED LOAD

49,140

PANEL "E"

NOTES:

TYPE:
SERVICE:
VOLTAGE:
MOUNTING:

SQ. D. '90'
OR EQ
1PH-3W
120/240
SURFACE

MAIN BUS: 100 A
NEUTRAL: 100 A
MAINS: 100A CB

CKT #	LOAD SERVED	# OF POLES	TRIP	VA TOTAL	VOLTS	WIRE	NOTE	CKT #	LOAD SERVED	# OF POLES	TRIP	VA TOTAL	VOLTS	WIRE	NOTE
1	RIT POOL PUMP	2	20	2300	240			2	RIT POOL LIGHT	1	15	800	120		
3								4	RIT SPA PUMP	2	20	2300	240		
5	SPRINK PUMP	2	20	2300	120	#2		6							
7								8	RIT POOL HEAT	2	60	6310	240		
9	RIT POOL BUBBLER PUMP	2	20	2300	240			10							
11								12							
13								14							
15								16							
17								18							
19								20							
21								22							
23								24							
25								26							
27								28							
29								30							
CONNECTED LOAD		16,310													

PANEL "C"

TYPE:
SERVICE:
VOLTAGE:
MOUNTING:

SQ. D. '100'
OR EQ
1PH-3W
120/240
SURFACE

MAIN BUS: 200 A
NEUTRAL: 200 A
MAINS: 200A CB

NOTES:

① COOLING NON-COINC.
② 3.6 KW HEAT+ COOLING NON-COINC.
3KW FAN

③ CB RATED FOR 151 C CONDUCTORS

④ 5KW HEAT+ COOLING NON-COINC.
1KW FAN

⑤ 3351 8F. @ 3W/5F. = 10256

CKT #	LOAD SERVED	# OF POLES	TRIP	VA TOTAL	VOLTS	WIRE	NOTE	CKT #	LOAD SERVED	# OF POLES	TRIP	VA TOTAL	VOLTS	WIRE	NOTE
1	AHU-4	2	60	10300	240	2#	②	2	CU-4	2	45	(4320)	240	2#	①③
3								4							
5	AHU-5	2	40	5100	240	2#	④	6	CU-5	2	30	(3216)	240	2#	①③
7								8							
9	ELEVATOR	2	30	5000	120	4#		10	LAUNDRY CKT	1	20	120	#2		
11								12	WASHER 2	1	20	1500	120	#2	
13	ELEV SERVICE RESEP	1	20	120	#2			14	DRYER 2	2	30	5000	120	4#	
15	GEN LIGHTING	1	15	10056	120	#4	⑤	16							
17	GEN LIGHTING	1	15	120	#4			18	GEN LIGHTING	1	15	120	#4		
19	GEN LIGHTING	1	15	120	#4			20	GEN LIGHTING	1	15	120	#4		
21	GEN LIGHTING	1	15	120	#4			22	GEN LIGHTING	1	15	120	#4		
23	GEN LIGHTING	1	15	120	#4			24	GEN LIGHTING	1	15	120	#4		
25	GEN LIGHTING	1	15	120	#4			26	GEN LIGHTING	1	15	120	#4		
27	GEN LIGHTING	1	15	120	#4			28	GEN LIGHTING	1	15	120	#4		
29	GEN LIGHTING	1	15	120	#4			30	GEN LIGHTING	1	15	120	#4		
31	GEN LIGHTING	1	15	120	#4			32	ELEC BLINDS	1	20	480	120	#2	
33	TOILET	1	20	800	120	#2		34	BATH GFI	1	20	120	120	#2	
35	BATH GFI	1	20	120	#2			36	BATH GFI	1	20	120	120	#2	
37								38							
39								40							
41								42							

CONNECTED LOAD

38236