

MAIN PANEL															
Panel Location-															
Phase (Phase-Ground/Phase-Phase)		120	208	Source of Supply-From Service Disconnect/Meter											
Phase- 1				Wire- 3											
Rated Amps- 145.92				AIC- 10k											
MCCB 200 Amps MCCB				Mounting- Wall Surface											
Circuit	Description	New/ Existing	Load Type	Breaker Size	Poles	Wire Size	A		Wire Size	Poles	Breaker Size	Load Type	New/ Existing	Description	Circuit
1	LIGHTING LOAD	N		15	1	#14	1010	9700	#1/0	1	135		N	HAVC	2
3	WATER HEATER	N		20	1	#12	2000	800	#12	1	20		N	Coffee Maker/Toaster	4
5	Refrigerator	N		20	1	#12	600	800	#12	1	20		N	Microwave Oven	6
7	Dishwasher	N		20	1	#13	800	200	#12	1	20		N	CT-TODDLER	8
9	CT-PRESCHOOLER	N		20	1	#14	200	200	#12	1	20		N	CT-SCHOOL AGED	10
11	CT-ADA & BATHROOM	N		20	1	#15	100	500	#12	1	20		N	CT-KITCHEN	12
13	CT-CORRIDOR	N		20	1	#16	100	500	#12	1	20		N	CT-VEGTIBULE	14
15	SPARE	--	--	--		--			--	--	--		--	SPARE	16
17	SPARE	--	--	--		--			--	--	--		--	SPARE	18
19	SPARE	--	--	--		--			--	--	--		--	SPARE	20
21	SPARE	--	--	--		--			--	--	--		--	SPARE	22
23	SPARE	--	--	--		--			--	--	--		--	SPARE	24
25	SPARE	--	--	--		--			--	--	--		--	SPARE	26
27	SPARE	--	--	--		--			--	--	--		--	SPARE	28
29	SPARE	--	--	--		--			--	--	--		--	SPARE	30
31	SPARE	--	--	--		--			--	--	--		--	SPARE	32
33	SPARE	--	--	--		--			--	--	--		--	SPARE	34
35	SPARE	--	--	--		--			--	--	--		--	SPARE	36
37	SPARE	--	--	--		--			--	--	--		--	SPARE	38
39	SPARE	--	--	--		--			--	--	--		--	SPARE	40
41	SPARE	--	--	--		--			--	--	--		--	SPARE	42
43	SPARE	--	--	--		--			--	--	--		--	SPARE	44
							A								
							Connected Load (W)		17510						
							Connected Amps		145.92						
							Main Type and Amps Rating		200 Amps MCCB						
Demand Load Calculation															
Load Classification		Connected Load	Demand Fact	Estimated Dem											
Lighting - Dwelling Unit		1010	125%	1262.5											
Water Heater - Dwelling Unit		2000	100%	2000											
Receptacle		4800	65%	3120											
Cooling		9700	100%	9700											
Pump		0	125%	0											
Other		0	100%	0											
Demand Load		17510		16082.5											
Demand Amps				134											