MAIN PANEL

Panel Location-																	
Voltage (Phase-Ground/Phase-Phase)		120	208	Source of Supply-From Service Disconnect/Meter													
Phase-	1				Wire-	3											
Rated Amps-	196				AIC-	10k											
MCCB	200 Amps MCCB				Mounting-	Wall Surface											
Circuit	Description	New/ Existing	Load Type	Breaker Size	Poles	Wire Size	A	B	A	B	Wire Size	Poles	Breaker Size	Load Type	New/ Existing	Description	Circuit
1	LIGHTING LOAD	N		10	1	#14	1200		13000		#1/0	1	150		N	HVAC	2
3	WATER HEATER	N		20	1	#12		2000		100	#12	1	20		N	CT-1	4
5	CT-2	N		20	1	#12	200		800		#12	1	20		N	Coffee Maker/Toaster	6
7	CT-4	N		20	1	#12		300		150	#12	1	20		N	CT-3	8
9	CT-6	N		20	1	#12	300		200		#12	1	20		N	CT-5	10
11	CT-8	N		20	1	#12		200		200	#12	1	20		N	CT-7	12
13	CT-10	N		20	1	#12	200		100		#12	1	20		N	CT-9	14
15	CT-12	N		20	1	#12		200		200	#12	1	20		N	CT-11	16
17	Refrigerator	N		20	1	#12	600		600		#12	1	20		N	Microwave Oven	18
19	Clothes Dryer (Electric)	N		20	1	#12		1200		800	#12	1	20		N	Washing Machine	20
21	Dishwasher	N		20	1	#12	1000		--							Space	22
23	Space							--		--		1				Space	24
25	Space				1		--		--			1				Space	26
27	Space				1			--		--		1				Space	28
29	Space				1		--		--			1				Space	30
.							A	B	Total								
Connected Load (W)							18200	5350	23550								
Connected Amps							152	45	196								
Main Type and Amps Rating							200 Amps MCCB										

Demand Load Calcultion			
Load Classification	Connected Load	Demand Fact	Estimated Den
Lighting - Dwelling Unit	1200	125%	1500
Water Heater - Dwelling Unit	2000	100%	2000
Receptacle	7350	65%	4777.5
Cooling	13000	100%	13000
Pump	0	125%	0
Other	0	100%	0
Demand Load	23550		21277.5
Demand Amps			177

*** PROVIDE ARC FAULT C/B**