

MAIN PANEL															
Panel Location-		7 SLOANE STREET LONDON SW1													
tage (Phase-Ground/Phase-Phase)		230	415	Source of Supply-From Service Disconnect/Meter											
Phase- 1				Wire- 3											
Rated Amps- 110				AIC- 10k											
MCCB 150 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	3800	200	#12	1	20		N	WINE COOLER	2
3	FRIDGE X2	N		20	1	#12	2000	4000	#12	1	20		N	OVEN	4
5	TV/MEDIA X3	N		20	1	#12	300	600	#12	1	20		N	CB-6	6
7	CB-1	N		20	1	#12	800	500	#12	1	20		N	CB-7	8
9	CB-2	N		20	1	#12	600	500	#12	1	20		N	CB-8	10
11	CB-3	N		20	1	#12	500	300	#12	1	20		N	CB-9	12
13	CB-4	N		20	1	#12	500	500	#12	1	20		N	CB-10	14
15	CB-5	N		20	1	#12	300	8000	#8	1	35		N	BOILER	16
17	LIGHTING LOAD 2	N		15	1	#12	1900	0	--	--	--		--	SPARE	18
19	SPARE	--	--	--		--	0	0	--	--	--		--	SPARE	20
21	SPARE	--	--	--		--	0	0	--	--	--		--	SPARE	22
23	SPARE	--	--	--		--	0	0	--	--	--		--	SPARE	24
25	SPARE	--	--	--		--	0	0	--	--	--		--	SPARE	26
27	SPARE	--	--	--		--	0	0	--	--	--		--	SPARE	28
29	SPARE	--	--	--		--	0	0	--	--	--		--	SPARE	30
31	SPARE	--	--	--		--	0	0	--	--	--		--	SPARE	32
33	SPARE	--	--	--		--	0	0	--	--	--		--	SPARE	34
35	SPARE	--	--	--		--	0	0	--	--	--		--	SPARE	36
37	SPARE	--	--	--		--	0	0	--	--	--		--	SPARE	38
39	SPARE	--	--	--		--	0	0	--	--	--		--	SPARE	40
41	SPARE	--	--	--		--	0	0	--	--	--		--	SPARE	42
43	SPARE	--	--	--		--	0	0	--	--	--		--	SPARE	44
							A								
							Connected Load (W)	25300							
							Connected Amps	110							
							Main Type and Amps Rating	150 Amps MCCB							
Demand Load Calculation															
Load Classification	Connected Load	Demand Factor	Estimated Demand												
Lighting - Dwelling Unit	3800	125%	4750												
Water Heater - Dwelling Unit	8000	100%	8000												
Receptacle	13500	65%	8775												
Cooling	0	100%	0												
Pump	0	125%	0												
Other	0	100%	0												
Demand Load	25300		21525												
Demand Amps			94												