

PANEL 21A										BUS AMP 600					AMPS MAIN BREAKER 500A MCB					SCR 10,000 AIC					MOUNTING SURFACE										PHASE 3					WIRE 4					VOLTAGE 208 /120V				
CKT	DESCRIPTION	BREAKER		LOAD (VA)			WIRE			COND		WIRE		LOAD (VA)		BREAKER		DESCRIPTION	CKT																														
		AMP	P	A	B	C	NO	SIZE	COND	COND	SIZE	C	B	A	P	AMP																																	
1	STAIR A & B LIGHTING	20	1	750			2	12	3/4"			3/4"	12	2		400	1	20	STAIR C LIGHTING	2																													
3	BASEMENT LIGHTING	20	1		776		2	12	3/4"			3/4"	12	2	768	1	20	BASEMENT LIGHTING	4																														
5	BASEMENT RECEPTACLES	20	1			1080	2	12	3/4"			3/4"	12	2	900	1	20	COUNSELOR 003 RECEPTACLES	5																														
7	COUNSELOR 004 RECEPTACLES	20	1	900			2	12	3/4"			3/4"	12	2		500	1	20	BASEMENT WATER COOLER	8																													
9	BASEMENT RECEPTACLES	20	1		720		2	12	3/4"			3/4"	12	2	900	1	20	BASEMENT RECEPTACLES	10																														
11	IT ROOM W/2 QUAD RECEPTACLE	20	1			360	2	12	3/4"			3/4"	12	2	360	1	20	IT ROOM W/2 QUAD RECEPTACLE	14																														
13	COUNSELOR 016 RECEPTACLES	20	1	1080			2	12	3/4"			3/4"	12	2		900	1	20	SUPERVISOR 017 RECEPTACLES	15																													
15	BASEMENT RECEPTACLES	20	1		900		2	12	3/4"			3/4"	12	2	1080	1	20	FIRST FLOOR RECEPTABLES	16																														
17	FIRST FLOOR RECEPTACLES	20	1			900	2	12	3/4"			3/4"	12	2	1080	1	20	FIRST FLOOR RECEPTABLES	18																														
19	STAFF RM 108 RECEPTACLE	20	1	180			2	12	3/4"			3/4"	12	2	1000	1	20	MICROWAVE 108	20																														
21	REFRIGERATOR 108	20	1		800		2	12	3/4"			3/4"	12	2	900	1	20	FIRST FLOOR RECEPTACLES	22																														
23	FIRST FLOOR RECEPTACLES	20	1			900	2	12	3/4"			3/4"	12	2	1080	1	20	REWARD RM 116 RECEPTACLES	24																														
25	REWARD RM 116 RECEPTACLES	20	1	1080			2	12	3/4"			3/4"	12	2		500	1	20	FIRST FLOOR WATER COOLER	26																													
27	DRYER	30	2	2400			3	10	3/4"			3/4"	12	2	640	1	20	WASHER	28																														
29	-	-	-		2400	-	-	-	-			3/4"	12	2	696	1	20	EF-4 & MOD	30																														
31	EF-3	20	1	696			2	12	3/4"			3/4"	12	2		696	1	20	EF-2 & MOD	32																													
33	FIRST FLOOR LIGHTING	20	1		654		2	12	3/4"			3/4"	12	2	600	1	20	FIRST FLOOR LIGHTING	34																														
35	SPARE	20	1													1	20	SPARE	36																														
37	SPARE	20	1													1	20	SPARE	38																														
39	SPARE	20	1													1	20	SPARE	40																														
41	SPARE	20	1													1	20	SPARE	42																														
43	-	-	-	8000			-	-	-			-	-	-		420	-	-	44																														
45	DWH-1	70	3		6000		-	-	-			-	-	-		420	3	20	HWP-1	46																													
47	-	-	-		6000		-	-	-			-	-	-		420	-	-	48																														
49	-	-	-	6000			-	-	-			-	-	-		420	-	-	50																														
51	DWH-2	70	3		6000		-	-	-			-	-	-		420	3	20	HWP-2	52																													
53	-	-	-		6000		-	-	-			-	-	-		420	-	-	54																														
55	-	-	-	1584			-	-	-			-	-	-		696	1	20	EF-7, MOD'S & DDC PANEL	56																													
57	BP-1	30	3	1584			-	-	-			-	-	-		998	2	15	AHU-1	58																													
59	-	-	-		1584		-	-	-			-	-	-		998	-	-	60																														
61	AHU-2	15	2	551			-	-	-			-	-	-		551	2	15	AHU-3	62																													
63	-	-	-	551			-	-	-			-	-	-		551	-	-	64																														
65	AHU-4	15	2		998		-	-	-			-	-	-		696	1	20	EF-1 & MOD	66																													
67	-	-	-	998			-	-	-			3/4"	12	2		1000	1	20	AUTOMATIC SENSORS	68																													
69	COMBINATION DAMPERS	20	1		200		2	12	3/4"								1	20	SPARE	70																													
71	LIGHTING CONTROL PANEL	20	1			500	2	12	3/4"								1	20	SPARE	72																													
73	-	-	-	27332			-	-	-			-	-	-			-	-	BLANK	74																													
75	PANEL 21B	225	3		23346		-	-	-			-	-	-			-	-	BLANK	76																													
77	-	-	-		24317		-	-	-			-	-	-			-	-	BLANK	78																													
79	-	-	-	16166			-	-	-			-	-	-			-	-	BLANK	80																													
81	PANEL 21C	200	3		15935		-	-	-			-	-	-			-	-	BLANK	82																													
83	-	-	-		14141		-	-	-			-	-	-			-	-	BLANK	84																													

* REFER TO MECHANICAL/PLUMBING/EQUIPMENT CONNECTION SCHEDULE FOR LOADS, WIRE & CONDUIT SIZES

** REFER TO ELECTRICAL RISER DIAGRAM FOR WIRE AND CONDUIT SIZES

INDICATES ARC-FAULT TYPE CIRCUIT BREAKER