



Circuit No.	DESCRIPTION	EXISTING						PANEL A						Circuit No.					
		KVA	C	G	W	CB	1	2	3	KVA	C	G	W		CB	1	2	3	
1	LIGHTS WAREHOUSE	1.5	E	E	E	20	1.5											2	
3	LIGHTS OFFICE	0.7	E	E	E	20	0.7											4	
5	LIGHTS EXTERIOR	0.2	E	E	E	20		0.2										6	
7	AH-1	2.3	E	E	E	30	2.3											8	
9		2.3	E	E	E	2P		2.3										10	
11	HP-1	1.6	E	E	E	30		1.6										12	
13		1.6	E	E	E	2P	1.6											14	
15	EF-2	0.9	E	E	E	20		0.9										16	
17	IL-2	0.5				20		0.5										18	
19																		20	
21																		22	
23																		24	
25																		26	
27																		28	
29																		30	
31																		32	
33																		34	
35																		36	
37																		38	
39																		40	
41																		42	
TOTALS LEFT SIDE		11.6					5.4	3.9	2.3	TOTALS RIGHT SIDE						6.7	2.5	2.7	1.5
TOTALS RIGHT SIDE		6.7					2.5	2.7	1.5										
TOTAL CONNECTED		18.3					7.9	6.6	3.8										
200 amp; EXISTING																			
208/120 volts ; 3 phase																			
4 Wire																			
MAIN LUG ONLY																			

Circuit No.	DESCRIPTION	PROPOSED						PANEL A						Circuit No.					
		KVA	C	G	W	CB	1	2	3	KVA	C	G	W		CB	1	2	3	
1	LIGHTS WAREHOUSE	1.5	E	E	E	20	1.5											2	
3	LIGHTS OFFICE	0.7	E	E	E	20	0.7											4	
5	LIGHTS EXTERIOR	0.2	E	E	E	20		0.2										6	
7	AH-1	2.3	E	E	E	30	2.3											8	
9		2.3	E	E	E	2P		2.3										10	
11	HP-1	1.6	E	E	E	30		1.6										12	
13		1.6	E	E	E	2P	1.6											14	
15	EF-2	0.9	E	E	E	20		0.9										16	
17	TRAINING RM RECEPT.	0.6	3/4	12	12	20	0.6											18	
19	TRAINING RM RECEPT.	0.4	3/4	12	12	20	0.4											20	
21	TRAINING RM RECEPT.	0.6	3/4	12	12	20	0.6											22	
23																		24	
25																		26	
27																		28	
29																		30	
31																		32	
33																		34	
35																		36	
37																		38	
39																		40	
41																		42	
TOTALS LEFT SIDE		12.7					4.4	5.0	3.3	TOTALS RIGHT SIDE						8.5	2.5	2.7	3.3
TOTALS RIGHT SIDE		8.5					2.5	2.7	3.3										
TOTAL CONNECTED		21.2					6.9	7.7	6.6										
200 amp; EXISTING																			
208/120 volts ; 3 phase																			
4 Wire																			
MAIN LUG ONLY																			
CONNECTED LOAD		21.2 KVA X 1000/361 X 1.73																	
		58.7 AMPERES																	
E = "existing"																			
RECEPT = receptacle																			

Circuit No.	DESCRIPTION	EXISTING						PANEL B						Circuit No.					
		KVA	C	G	W	CB	1	2	3	KVA	C	G	W		CB	1	2	3	
1	EMERGENCY LIGHTS		E	E	E	E	E											2	
3	DOOR RECEPTACLES		E	E	E	E	E											4	
5	LIGHTS		E	E	E	E	E											6	
7	RECEPTACLES		E	E	E	E	E											8	
9																		10	
11																		12	
13																		14	
15																		16	
17																		18	
19																		20	
21																		22	
23																		24	
25																		26	
27																		28	
29																		30	
31																		32	
33																		34	
35																		36	
37																		38	
39																		40	
41																		42	
TOTALS LEFT SIDE		2.4					1.5	0.9	0	TOTALS RIGHT SIDE						0	0	0	0
TOTALS RIGHT SIDE		0					0	0	0										
TOTAL CONNECTED		2.4					1.5	0.9	0.0										
200 amp; NEW																			
208/120 volts ; 3 phase																			
4 Wire																			
200 AMP MAIN BREAKER																			
E = "existing"																			
RECEPT = receptacle																			
CONTRACTOR VERIFY																			
ALL VOLTAGES																			

Circuit No.	DESCRIPTION	PROPOSED						PANEL B						Circuit No.					
		KVA	C	G	W	CB	1	2	3	KVA	C	G	W		CB	1	2	3	
1																		2	
3	DOOR RECEPTACLES	0.5	E	E	E	E	0.5											4	
5	RECEPTACLES	0.9	E	E	E	E	0.9											6	
7	LIGHTS	1.3	E	E	E	E	1.3											8	
9																		10	
11	OFFICE LIGHTS	1.3	3/4	12	12	20		1.3										12	
13																		14	
15																		16	
17																		18	
19																		20	
21																		22	
23																		24	
25																		26	
27																		28	
29																		30	
31																		32	
33																		34	
35																		36	
37																		38	
39																		40	
41																		42	
TOTALS LEFT SIDE		4					1.3	0.5	2.2	TOTALS RIGHT SIDE						10.8	4.0	4.1	2.8
TOTALS RIGHT SIDE																			