

EXISTING PANEL 'L7A3'											
VOLTAGE, PHASE, WIRE AND AIC RATING:			120/208V, 3 PHASE, 4 WIRE, 10k AIC								
MOUNTING:			SURFACE MOUNT								
PHASE BUSSING AND MAINS:			100A MAINS WITH MAIN LUGS ONLY								
NEUTRAL AND GROUND BAR:			NEUTRAL 100%, AND GROUND BAR								
OTHER:			SIEMENS TYPE 'S1'								
LOAD IN KVA			DESCRIPTION			TRIP			LOAD IN KVA		
A	B	C							A	B	C
1.00	---	---	WIREWAY	20	1	2	20	WIREWAY	1.00	---	---
---	1.00	---	WIREWAY	20	3	4	20	WIREWAY	---	1.00	---
---	---	1.00	WIREWAY	20	5	6	20	WIREWAY	---	---	1.00
0.00	---	---	SPARE	20	7	8	20	SPARE	0.00	---	---
---	0.00	---	SPARE	20	9	10	20	SPARE	---	0.00	---
---	---	0.00	SPARE	20	11	12	20	SPARE	---	---	0.00
0.00	---	---	SPARE	20	13	14	--	SPARE	0.00	---	---
---	0.00	---	SPARE	20	15	16	--	SPARE	---	0.00	---
---	---	0.00	SPARE	20	17	18	--	SPARE	---	---	0.00
0.00	---	---	SPARE	20	19	20	N 30	RECEPTACLE	2.16	---	---
---	0.00	---	SPARE	20	21	22	N 30	RECEPTACLE	---	2.16	---
---	---	0.00	SPARE	20	23	24	--	SPARE	---	---	0.00
0.00	---	---	SPARE	20	25	26	--	SPARE	0.00	---	---
---	0.00	---	SPARE	20	27	28	--	SPARE	---	0.00	---
---	---	0.00	SPARE	20	29	30	--	SPARE	---	---	0.00

NOTES			
#1 THE 30A BREAKERS SHALL BE CIRCUITED WITH 2 #10, 1 #10EG			

TOTAL CONNECTED LOAD					
PHASE			A	B	C
KVA PER PHASE	4.2	4.2	2.0		
AMPS PER PHASE	35	35	17		
TOTAL CONNECTED KVA			10.3		
DEMAND KVA / AMPS	20.7	/	25		
FEEDER AMPERAGE			100		

EXISTING PANEL 'L8B5'											
VOLTAGE, PHASE, WIRE AND AIC RATING:			120/208V, 3 PHASE, 4 WIRE, 10k AIC								
MOUNTING:			SURFACE MOUNT								
PHASE BUSSING AND MAINS:			100A MAINS WITH MAIN LUGS ONLY								
NEUTRAL AND GROUND BAR:			NEUTRAL 100%, AND GROUND BAR								
OTHER:			SIEMENS TYPE 'S1'								
LOAD IN KVA			DESCRIPTION			TRIP			LOAD IN KVA		
A	B	C							A	B	C
1.00	---	---	WIREWAY	20	1	2	20	WIREWAY	1.00	---	---
---	1.00	---	WIREWAY	20	3	4	20	WIREWAY	---	1.00	---
---	---	1.00	WIREWAY	20	5	6	20	WIREWAY	---	---	1.00
0.00	---	---	SPARE	20	7	8	20	SPARE	0.00	---	---
---	0.00	---	SPARE	20	9	10	20	SPARE	---	0.00	---
---	---	0.00	SPARE	20	11	12	20	SPARE	---	---	0.00
0.00	---	---	SPARE	20	13	14	--	SPARE	0.00	---	---
---	0.00	---	SPARE	20	15	16	--	SPARE	---	0.00	---
---	---	0.00	SPARE	20	17	18	--	SPARE	---	---	0.00
0.00	---	---	SPARE	20	19	20	N 30	RECEPTACLE	2.16	---	---
---	0.00	---	SPARE	20	21	22	N 30	RECEPTACLE	---	2.16	---
---	---	0.00	SPARE	20	23	24	N 30	RECEPTACLE	---	---	2.16
0.00	---	---	SPARE	20	25	26	--	SPARE	0.00	---	---
---	0.00	---	SPARE	20	27	28	--	SPARE	---	0.00	---
---	---	0.00	SPARE	20	29	30	--	SPARE	---	---	0.00

NOTES			
#1 THE 30A BREAKERS SHALL BE CIRCUITED WITH 2 #10, 1 #10EG			

TOTAL CONNECTED LOAD					
PHASE			A	B	C
KVA PER PHASE	2.0	2.0	4.2		
AMPS PER PHASE	17	17	35		
TOTAL CONNECTED KVA			8.2		
DEMAND KVA / AMPS	19.1	/	23		
FEEDER AMPERAGE			100		

EXISTING PANEL 'EH8C'											
VOLTAGE, PHASE, WIRE AND AIC RATING:			277/480V, 3 PHASE, 4 WIRE, 35k AIC								
MOUNTING:			SURFACE MOUNT								
PHASE BUSSING AND MAINS:			100A MAINS WITH MAIN LUGS ONLY								
NEUTRAL AND GROUND BAR:			NEUTRAL 100%, AND GROUND BAR								
OTHER:			SIEMENS TYPE 'SE'								
LOAD IN KVA			DESCRIPTION			TRIP			LOAD IN KVA		
A	B	C							A	B	C
2.13	---	---	LIGHTS	20	1	2	3P-40	DEHUMID	6.60	---	---
---	2.13	---	LIGHTS	20	3	4	---	---	---	6.60	---
---	---	2.97	LIGHTS	20	5	6	---	---	---	---	6.60
2.42	---	---	LIGHTS	20	7	8	---	---	---	---	---
---	3.60	---	GLASSWASHER	3P-30	9	10	---	---	---	---	---
---	---	3.60	---	---	---	---	---	---	---	---	---
3.60	---	---	---	---	---	---	---	---	---	---	---
---	0.00	---	SPARE	20	11	12	---	---	---	0.00	---
---	---	0.00	SPARE	20	13	14	---	---	---	---	0.00
---	0.00	---	SPARE	20	15	16	---	---	---	---	0.00
---	---	0.00	SPARE	20	17	18	N 3P-60	HVAC	0.72	---	---
0.00	---	---	SPARE	20	19	20	---	---	---	---	---
---	0.00	---	SPARE	20	21	22	---	---	---	---	---
---	---	0.00	SPARE	20	23	24	---	---	---	---	---
0.00	---	---	SPARE	20	25	26	---	---	---	---	---
---	0.00	---	SPARE	20	27	28	---	---	---	---	---
---	---	0.68	LIGHTS	20	29	30	---	---	---	---	0.00

NOTES			
#1 THE 30A BREAKERS SHALL BE CIRCUITED WITH 2 #10, 1 #10EG			

TOTAL CONNECTED LOAD					
PHASE			A	B	C
KVA PER PHASE	15.5	13.1	14.6		
AMPS PER PHASE	56	47	53		
TOTAL CONNECTED KVA			43.1		
DEMAND KVA / AMPS	45.6	/	55		
FEEDER AMPERAGE			100		

EXISTING PANEL 'L8B5'											
VOLTAGE, PHASE, WIRE AND AIC RATING:			120/208V, 3 PHASE, 4 WIRE, 10k AIC								
MOUNTING:			SURFACE MOUNT								
PHASE BUSSING AND MAINS:			100A MAINS WITH MAIN LUGS ONLY								
NEUTRAL AND GROUND BAR:			NEUTRAL 100%, AND GROUND BAR								
OTHER:			SIEMENS TYPE 'S1'								
LOAD IN KVA			DESCRIPTION			TRIP			LOAD IN KVA		
A	B	C							A	B	C
1.00	---	---	WIREWAY	20	1	2	20	WIREWAY	1.00	---	---
---	1.00	---	WIREWAY	20	3	4	20	WIREWAY	---	1.00	---
---	---	1.00	WIREWAY	20	5	6	20	WIREWAY	---	---	1.00
0.00	---	---	SPARE	20	7	8	20	SPARE	0.00	---	---
---	0.00	---	SPARE	20	9	10	20	SPARE	---	0.00	---
---	---	0.00	SPARE	20	11	12	20	SPARE	---	---	0.00
0.00	---	---	SPARE	20	13	14	--	SPARE	0.00	---	---
---	0.00	---	SPARE	20	15	16	--	SPARE	---	0.00	---
---	---	0.00	SPARE	20	17	18	--	SPARE	---	---	0.00
0.00	---	---	SPARE	20	19	20	--	SPARE	0.00	---	---
---	0.00	---	SPARE	20	21	22	--	SPARE	---	0.00	---
---	---	0.00	SPARE	20	23	24	N 30	RECEPTACLE	---	---	2.16
0.00	---	---	SPARE	20	25	26	--	SPARE	0.00	---	---
---	0.00	---	SPARE	20	27	28	--	SPARE	---	0.00	---
---	---	0.00	SPARE	20	29	30	--	SPARE	---	---	0.00

NOTES			
#1 THE 30A BREAKERS SHALL BE CIRCUITED WITH 2 #10, 1 #10EG			

TOTAL CONNECTED LOAD					
PHASE			A	B	C
KVA PER PHASE	2.0	2.0	4.2		
AMPS PER PHASE	17	17	35		
TOTAL CONNECTED KVA			8.2		
DEMAND KVA / AMPS	19.1	/	23		
FEEDER AMPERAGE			100		

EXISTING PANEL 'L7B4'											
VOLTAGE, PHASE, WIRE AND AIC RATING:			120/208V, 3 PHASE, 4 WIRE, 10k AIC								
MOUNTING:			SURFACE MOUNT								
PHASE BUSSING AND MAINS:			100A MAINS WITH MAIN LUGS ONLY								
NEUTRAL AND GROUND BAR:			NEUTRAL 100%, AND GROUND BAR								
OTHER:			SIEMENS TYPE 'S1'								
LOAD IN KVA			DESCRIPTION			TRIP			LOAD IN KVA		
A	B	C							A	B	C
1.00	---	---	WIREWAY	20	1	2	20	WIREWAY	1.00	---	---
---	1.00	---	WIREWAY	20	3	4	20	WIREWAY	---	1.00	---
---	---	1.00	WIREWAY	20	5	6	20	WIREWAY	---	---	1.00
0.50	---	---	WIREWAY	20	7	8	20	WIREWAY	0.50	---	---
---	0.50	---	WIREWAY	20	9	10	20	WIREWAY	---	0.50	---
---	---	1.00	WIREWAY	20	11	12	20	SPARE	---	---	1.00
1.00	---	---	WIREWAY	20	13	14	20	SPARE	1.00	---	---
---	0.58	---	HOOD	20	15	16	---	---	---	0.58	---
---	---	0.00	SPARE	20	17	18	---	---	---	---	0.00
0.18	---	---	HOOD	20	19	20	---	---	---	0.18	---
---	0.72	---	WIREWAY	20	21	22	---	---	---	0.72	---
---	---	0.54	WIREWAY	20	23	24	---	---	---	---	0.54
0.72	---	---	WIREWAY	20	25	26	---	---	---	0.72	---
---	0.54	---	WIREWAY	20	27	28	---	---	---	---	0.54
---	---	0.00	SPARE	20	29	30	---	---	---	---	0.00

NOTES			
EXISTING PANEL 'L7B3' HAS SIMILAR BREAKER LAYOUT AND LOADS, AND THE DEMAND LOAD IS WELL WITHIN THE FEEDER AMPACITY.			

TOTAL CONNECTED LOAD					
PHASE			A	B	C
KVA PER PHASE	4.4	4.3	3.5		
AMPS PER PHASE	37	36	30		
TOTAL CONNECTED KVA			12.3		
DEMAND KVA / AMPS	22.3	/	27		
FEEDER AMPERAGE			100		

EXISTING PANEL 'L7C'											
VOLTAGE, PHASE, WIRE AND AIC RATING:			120/208V, 3 PHASE, 4 WIRE, 10k AIC								
MOUNTING:			SURFACE MOUNT								
PHASE BUSSING AND MAINS:			225A MAINS WITH MAIN LUGS ONLY								
NEUTRAL AND GROUND BAR:			NEUTRAL 100%, AND GROUND BAR								
OTHER:			SIEMENS TYPE 'S1'								
LOAD IN KVA			DESCRIPTION			TRIP			LOAD IN KVA		
A	B	C							A	B	C
0.15	---	---	LIGHTS	20	1	2	20	RECEPTABLES	0.15	---	---
---	0.90	---	RECEPTABLES	20	3	4	20	RECEPTABLES	---	0.90	---
---	---	0.18	RECEPTABLES	20	5	6	20	RECEPTABLES	---	---	0.18
0.80	---	---	EWC	20	7	8	20	RECEPTABLES	0.80	---	---
---	0.54	---	RECEPTABLES	20	9	10	20	RECEPTABLES	---	0.54	---
---	---	0.50	RECEPTABLES	20	11	12	20	RECEPTABLES	---	---	0.50
3.60	---	---	RECEPTABLES	20	13	14	20	RECEPTABLES	---	---	3.60
---	0.90	---	RECEPTABLES	20	15	16	20	RECEPTABLES	---	0.90	---
---	---	0.72	RECEPTABLES	20	17	18	20	RECEPTABLES	---	---	0.72
0.70	---	---	RECEPTABLES	20	19	20	20	RECEPTABLES	0.70	---	---
---	1.24	---	RECEPTABLES	20	21	22	20	RECEPTABLES	---	1.24	---
---	---	0.18	RECEPTABLES	20	23	24	20	RECEPTABLES	---	---	0.18
2.40	---	---	RECEPTACLE	3P-40	25	26	20	STERILIZER	2.40	---	---
---	2.40	---	RECEPTABLES	20	27	28	20	STERILIZER	---	2.40	---
---	---	0.54	RECEPTABLES	20	29	30	20	RECEPTACLE	---	---	0.54
1.23	---	---	CHILLER	3P-20	31	32	20	RECEPTACLE	1.23	---	---