

LIGHTING CONTROL PANEL 'LCP1' SCHEDULE					PANEL: 16 RELAYS
RELAY NUMBER	PANEL CIRCUIT	RELAY VOLTAGE	CONTROL ZONE	LOAD LOCATION/DESCRIPTION	
R1	L1-2	120V		DONOR FLOOR LIGHTING	
R2	L1-4	120V		DONOR FLOOR LIGHTING	
R3	L1-6	120V		DONOR FLOOR LIGHTING	
R4	L1-8	120V		DONOR FLOOR LIGHTING	
R5	L1-10	120V		RESTROOM / VITALS LIGHTING	
R6	L1-12	120V		WAITING LIGHTING	
R7	L1-14	120V		WAITING / ENTRY LIGHTING	
R8	L1-16	120V		STERILE SUPPLIES LIGHTING	
R9	L1-18	120V		BOH CORRIDOR LIGHTING	
R10	L1-20	120V		PLASMA PROC / OFFICE LIGHTING	
R11	L1-22	120V		BREAK ROOM / EXAM LIGHTING	
R12	L1-24	120V		CONF / RR LIGHTING	
R13		120V		SPARE	
R14		120V		SPARE	
R15		120V		SPARE	
R16		120V		SPARE	

LIGHTING CONTROL PANEL 'LCP2' SCHEDULE					PANEL: 16 RELAYS
RELAY NUMBER	PANEL CIRCUIT	RELAY VOLTAGE	CONTROL ZONE	LOAD LOCATION/DESCRIPTION	
R17	L1-26	120V		EXTERIOR LIGHTING	
R18	M1-29	120V		EF-1	
R19	M1-31	120V		EF-2	
R20	M1-33	120V		EF-3	
R21		120V		SPARE	
R22		120V		SPARE	
R23		120V		SPARE	
R24		120V		SPARE	
R25		120V		SPARE	
R26		120V		SPARE	
R27		120V		SPARE	
R28		120V		SPARE	
R29		120V		SPARE	
R30		120V		SPARE	
R31		120V		SPARE	
R32		120V		SPARE	

NEMA RATING: 1										
TYPE	DESCRIPTION	LOAD	BREAKER	OXT	OXT	BREAKER	LOAD	DESCRIPTION	TYPE	
	DONOR MACHINE RECEPTACLES	1500	20/1	1	2	20/1	1500	DONOR MACHINE RECEPTACLES		
	DONOR MACHINE RECEPTACLES	1500	20/1	3	4	20/1	1500	DONOR MACHINE RECEPTACLES		
	DONOR MACHINE RECEPTACLES	1500	20/1	5	6	20/1	1500	DONOR MACHINE RECEPTACLES		
	DONOR MACHINE RECEPTACLES	1500	20/1	7	8	20/1	1500	DONOR MACHINE RECEPTACLES		
	DONOR MACHINE RECEPTACLES	1500	20/1	9	10	20/1	1500	DONOR MACHINE RECEPTACLES		
	DONOR MACHINE RECEPTACLES	1500	20/1	11	12	20/1	1500	DONOR MACHINE RECEPTACLES		
	DONOR MACHINE RECEPTACLES	1500	20/1	13	14	20/1	1500	DONOR MACHINE RECEPTACLES		
	DONOR MACHINE RECEPTACLES	1500	20/1	15	16	20/1	360	DONOR FLOOR MAINTENANCE RECEPTACLES		
	DONOR MACHINE RECEPTACLES	1500	20/1	17	18	20/1	360	DONOR FLOOR TV RECEPTACLES		
	RECEPTION RECEPTACLES	120	20/1	19	20	20/1	900	DONOR FLOOR TV RECEPTACLES		
	RECEPTION RECEPTACLES	120	20/1	21	22	20/1	900	DONOR FLOOR TV RECEPTACLES		
	RECEPTION RECEPTACLES	120	20/1	23	24	20/1	1000	REPAIR RECEPTACLES		
	RECEPTION RECEPTACLES	120	20/1	25	26	20/1	360	JANITOR / REPAIR RECEPTACLES		
	RECEPTION RECEPTACLES	120	20/1	27	28	20/1		SPARE		
	RECEPTION RECEPTACLES	120	20/1	29	30	20/1		SPARE		
	RECEPTION RECEPTACLES	120	20/1	31	32	20/1		SPARE		
	RECEPTION RECEPTACLES	120	20/1	33	34	20/1		SPARE		
	RECEPTION RECEPTACLES	540	20/1	35	36	20/1		SPARE		
	RECEPTION RECEPTACLES	120	20/1	37	38	20/1		SPARE		
	SPARE		20/1	39	40	20/1		SPARE		
	SPARE		20/1	41	42	20/1		SPARE		

VOLTS: 208 / 120V, 3ø, 4W
 AMPS: 100A 225A 400A
 MAIN: MCB MLO
 LUGS: DEL LUGS FEED-THRU
 MTD: SURFACE FLUSH
 BUSS: COPPER ALUMINUM
 DOOR: DOOR IN DOOR STANDARD

NEUTRAL BUS: 100% 200%
 GROUND BUS: STANDARD ISOLATED
 AIC RATING: 10K 14K 22K 35K

TOTAL LOAD: 34 KVA (95 A)

NEMA RATING: 1										
TYPE	DESCRIPTION	LOAD	BREAKER	OXT	OXT	BREAKER	LOAD	DESCRIPTION	TYPE	
	VENDING RECEPTACLE	1200	20/1	1	2	30/1	2200	IT UPS RECEPTACLE		
	VENDING RECEPTACLE	1500	20/1	3	4	30/1	2200	IT UPS RECEPTACLE		
	HAND DRYER	1500	20/1	5	6	30/1	1200	TBS RECEPTACLE		
	HAND DRYER	1500	20/1	7	8	30/1	1200	TBS RECEPTACLE		
	EUC RECEPTACLE	600	20/1	9	10	20/1	400	FA PANEL		
	HAND DRYER	1500	20/1	11	12	20/1	1000	FLASMA PROCESSING RECEPTACLES		
	HAND DRYER	1500	20/1	13	14	20/1	1000	FLASMA PROCESSING RECEPTACLES		
	RR RECEPTACLES	360	20/1	15	16	20/1	1000	FLASMA PROCESSING RECEPTACLES		
	MAINTENANCE/TV RECEPTACLES	660	20/1	17	18	20/1	540	FLASMA PROCESSING RECEPTACLES		
	KIOSK RECEPTACLES	900	20/1	19	20	20/1	1000	FLASMA PROCESSING RECEPTACLES		
	KIOSK RECEPTACLES	900	20/1	21	22	20/1	1400	MAINTENANCE RECEPTACLES		
	SPARE		20/1	23	24	20/1	360	FLASMA PROCESSING RECEPTACLES		
	SPARE		20/1	25	26	20/1	1000	CONFERENCE RECEPTACLES		
	SPARE		20/1	27	28	20/1	1000	CONFERENCE RECEPTACLES		
	SPARE		20/1	29	30	20/1	1000	CONFERENCE RECEPTACLES		
	SPARE		20/1	31	32	20/1	1000	OFFICE RECEPTACLES		
	SPARE		20/1	33	34	20/1	1000	OFFICE RECEPTACLES		
	SPARE		20/1	35	36	20/1	1000	OFFICE RECEPTACLES		
	SPARE		20/1	37	38	20/1	1000	RESTROOM RECEPTACLES		
	SPARE		20/1	39	40	20/1	360	SPARE		
	SPARE		20/1	41	42	20/1		SPARE		

VOLTS: 208 / 120V, 3ø, 4W
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 MAIN: MCB MLO
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 MTD: SURFACE FLUSH
 BUSS: COPPER ALUMINUM
 DOOR: DOOR IN DOOR STANDARD

NEUTRAL BUS: 100% 200%
 GROUND BUS: STANDARD ISOLATED
 AIC RATING: 10K 14K 22K 35K

TOTAL LOAD: 33 KVA (92 A)

NEMA RATING: 1										
TYPE	DESCRIPTION	LOAD	BREAKER	OXT	OXT	BREAKER	LOAD	DESCRIPTION	TYPE	
	FZCU-1 / FZEU-1	15130	30/1	1	2	20/1	500	FREEZER LIGHTS		
			30/1	3	4	20/1	500	FREEZER LIGHTS		
			30/1	5	6	20/1	500	FREEZER LIGHTS		
			30/1	7	8	20/1	500	FREEZER THERMOSTAT		
	FZCU-2 / FZEU-2	4330	30/1	9	10	20/1	500	FREEZER TEMPERATURE MONITORING		
			30/1	11	12	20/1		SPARE		
	FZCU-3 / FZEU-3	15130	30/1	13	14	20/1		SPARE		
			30/1	15	16	20/1		SPARE		
			30/1	17	18	20/1		SPARE		
			30/1	19	20	20/1		SPARE		
	DRAIN HEATERS	1000	20/1	21	22	20/1		SPARE		
	DRAIN HEATERS	1000	20/1	23	24	20/1		SPARE		
	DRAIN HEATERS	1000	20/1	25	26	20/1		SPARE		
	SPARE		20/1	27	28	20/1		SPARE		
	SPARE		20/1	29	30	20/1		SPARE		
	SPARE		20/1	31	32	20/1		SPARE		
	SPARE		20/1	33	34	20/1		SPARE		
	SPARE		20/1	35	36	20/1		SPARE		
	SPARE		20/1	37	38	20/1		SPARE		
	SPARE		20/1	39	40	20/1		SPARE		
	SPARE		20/1	41	42	20/1		SPARE		

VOLTS: 208 / 120V, 3ø, 4W
 AMPS: 100A 225A 400A
 MAIN: MCB MLO
 LUGS: DEL LUGS FEED-THRU
 MTD: SURFACE FLUSH
 BUSS: COPPER ALUMINUM
 DOOR: DOOR IN DOOR STANDARD

NEUTRAL BUS: 100% 200%
 GROUND BUS: STANDARD ISOLATED
 AIC RATING: 10K 14K 22K 35K

TOTAL LOAD: 40 KVA (111 A)

NEMA RATING: 1										
TYPE	DESCRIPTION	LOAD	BREAKER	OXT	OXT	BREAKER	LOAD	DESCRIPTION	TYPE	
	RTU-1	13000	50/1	1	2	40/1	9910	RTU-5		
			50/1	3	4	40/1				
			50/1	5	6	40/1				
			50/1	7	8	40/1				
	RTU-2	10800	45/1	9	10	3	9910	RTU-6		
			45/1	11	12	3				
			45/1	13	14	35				
			45/1	15	16	3				
	RTU-3	13840	60/1	17	18	3	8500	RTU-7		
			60/1	19	20	30/1	1440	ROOF MAINTENANCE RECEPTACLES		
			60/1	21	22	35				
			60/1	23	24	3	8500	RTU-8		
			60/1	25	26	3				
	FC-1 / CU-1	2810	20/1	27	28	20/1		SPARE		
			20/1	29	30	20/1		SPARE		
	EF-1	410	20/1	31	32	20/1		SPARE		
	EF-2	410	20/1	33	34	20/1		SPARE		
	EF-3	410	20/1	35	36	20/1		SPARE		
	EH-1	2000	20/1	37	38	20/1		SPARE		
			20/1	39	40	40	11000	WH-1		
	SPARE		20/1	41	42	3				
	SPARE		20/1	41	42	3				

VOLTS: 208 / 120V, 3ø, 4W
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 MAIN: MCB MLO
 LUGS: DEL LUGS FEED-THRU
 MTD: SURFACE FLUSH
 BUSS: COPPER ALUMINUM
 DOOR: DOOR IN DOOR STANDARD

NEUTRAL BUS: 100% 200%
 GROUND BUS: STANDARD ISOLATED
 AIC RATING: 10K 14K 22K 35K

TOTAL LOAD: 100 KVA (271 A)

NEMA RATING: 1										
TYPE	DESCRIPTION	LOAD	BREAKER	OXT	OXT	BREAKER	LOAD	DESCRIPTION	TYPE	
	OFFICE RECEPTACLES	120	20/1	1	2	20/1	1440	DONOR FLOOR LIGHTING		
	OFFICE RECEPTACLES	120	20/1	3	4	20/1	1440	DONOR FLOOR LIGHTING		
	OFFICE RECEPTACLES	120	20/1	5	6	20/1	1200	DONOR FLOOR LIGHTING		
	OFFICE RECEPTACLES	120	20/1	7	8	20/1	1200	DONOR FLOOR LIGHTING		
	OFFICE RECEPTACLES	120	20/1	9	10	20/1	960	RESTROOM/VITALS LIGHTING		
	OFFICE RECEPTACLES	120	20/1	11	12	20/1	1200	WAITING LIGHTING		
	OFFICE RECEPTACLES	120	20/1	13	14	20/1	880	WAITING/ENTRY LIGHTING		
	OFFICE RECEPTACLES	120	20/1	15	16	20/1	1120	STERILE SUPPLIES LIGHTING		
	OFFICE RECEPTACLES	120	20/1	17	18	20/1	1200	BOH CORRIDOR LIGHTING		
	OFFICE RECEPTACLES	1000	20/1	19	20	20/1	960	PLASMA PROC/OFFICE LIGHTING		
	EXAM RECEPTACLES	900	20/1	21	22	20/1	1200	BREAK ROOM/EXAM LIGHTING		
	EXAM RECEPTACLES	900	20/1	23	24	20/1	880	CONF/RR LIGHTING		
	EXAM RECEPTACLES	900	20/1	25	26	20/1	200	EXTERIOR LIGHTING		
	REFRIGERATOR RECEPTACLE	1200	20/1	27	28	20/1	540	RECEPTION RECEPTACLES		
	REFRIGERATOR RECEPTACLE	1200	20/1	29	30	20/1	540	RECEPTION RECEPTACLES		
	MICROWAVE RECEPTACLE	1200	20/1	31	32	20/1	1000	RECEPTION RECEPTACLES		
	MICROWAVE RECEPTACLE	1200	20/1	33	34	20/1	1500	COPIER RECEPTACLE		
	BREAK COUNTER RECEPTACLE	180	20/1	35	36	20/1	880	FUTURE OFFICE SPACE LIGHTING		
	BREAK COUNTER RECEPTACLE	180	20/1	37	38	20/1		SPARE		
	BREAK COUNTER RECEPTACLE	180	20/1	39	40	20/1		SPARE		
	DISHWASHER RECEPTACLE	1200	20/1	41	42	20/1		SPARE		

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 MAIN: MCB MLO
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 MTD: SURFACE FLUSH
 BUSS: COPPER ALUMINUM
 DOOR: DOOR IN DOOR STANDARD

NEUTRAL BUS: 100% 200%
 GROUND BUS: STANDARD ISOLATED
 AIC RATING: 10K 14K 22K 35K

TOTAL LOAD: 35 KVA (90 A)

SHEET NOTES:

- 1 ROUTE CIRCUIT THROUGH LIGHTING CONTROL PANEL 'LCP1'.
- 2 ROUTE CIRCUIT THROUGH LIGHTING CONTROL PANEL 'LCP2'.

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