

LOW VOLTAGE LIGHTING CONTROL RELAY PANEL SCHEDULE (LV1)							MOUNTING: RECESSED
RELAY ID	AREA CONTROLLED	ASSOCIATED SWITCH/S	FED FROM PANEL	U. L. 924 RELAY	SCHEDULE (PROGRAMMING)	REMARKS	
a1	VESTIBULES	SLV41/SLVM	P1	NO	SWITCH ON - SWITCH/TIME OFF		
a2	CORRIDOR TO LOBBY	SLV42/SLVM	P1	NO	SWITCH ON - SWITCH/TIME OFF		
a3	LOBBY AT SKYLIGHT	SLV43/SLVM & PC	P1	NO	SWITCH ON - SWITCH/TIME OFF		
a4	CLASSROOM CORRIDOR SKYLIGHT	SLV44/SLVM	P1	NO	SWITCH ON - SWITCH/TIME OFF		
a5	CLASSROOM CORRIDOR	SLV45/SLVM/OC/PC	P1	NO	SWITCH ON - SWITCH/TIME OFF - VACANCY SENSOR OFF AFTER 15 MINUTES OF VACANCY		
a6	KITCHEN	SLV46/SLVM	P1	NO	SWITCH ON - SWITCH/TIME OFF		
a7	KOSHER KITCHEN	SLV47/SLVM	P1	NO	SWITCH ON - SWITCH/TIME OFF		
a8	OFFICE AREA CORRIDOR	SLV48/SLVM/OC	P1	NO	SWITCH ON - SWITCH/TIME OFF - VACANCY SENSOR OFF AFTER 15 MINUTES OF VACANCY		
a9	OFFICE AREA CORRIDOR	SLV49/SLVM/OC	P1	NO	SWITCH ON - SWITCH/TIME OFF - VACANCY SENSOR OFF AFTER 15 MINUTES OF VACANCY		
a10	MEN'S SHOWER	SLV10/SLVM	P1	NO	SWITCH ON - SWITCH/TIME OFF		
a11	WOMEN'S SHOWER	SLV11/SLVM	P1	NO	SWITCH ON - SWITCH/TIME OFF		
a12	EXTERIOR BUILDINGS MOUNTED	SLVEX/PC	P1	NO	PHOTOCELL ON - TIME OFF/SWITCH OVERRIDE ON - OFF		
a13	POLE MOUNTED AND BALLARD SITE	SLVEX/PC	P1	NO	PHOTOCELL ON - TIME OFF/SWITCH OVERRIDE ON - OFF		
a14	SPARE RELAY			NO			
a15	SPARE RELAY			NO			
a16	SPARE RELAY			NO			

3 LOW VOLTAGE LIGHTING CONTROL RELAY SCHEDULE
NO SCALE

1 NOT USED
NO SCALE

PANELBOARD: MDP

LOCATION: MECHANICAL 129
MOUNTING: SURFACE NEMA 1
MAIN DEVICE: 400 A MAIN CB
BUS AMPS: 400 AMPS

VOLTAGE: 208Y/120 V, 3 ø 4 W
A.I.C. RATING: 42,000 AMPS SYMMETRICAL
SPECIAL: RATED FOR SERVICE ENTRANCED

LOAD DESCRIPTION	BKR	P	CKT	A	B	C	CKT	P	BKR	LOAD DESCRIPTION
PANEL P1 (PUBLIC AREA) - TUBS P1L AND P1R	225	3	1	18.7	3.1		2	1	45	CU-1
PANEL P2 (CLASSROOM AREA) - TUBS P2L AND P2R	150	3	1	16.8	3.1		6	1	45	CU-1
PANEL P3 (OFFICE AREA)	150	3	15	11.5	3.1		14	1	45	CU-1
AC-1-6-8-13	40	2	19	5.3	4.0		20	2	60	CU-2
AC-7, 14-21	20	2	25	2.7	4.0		26	2	60	CU-2
AC-22-29	40	2	27	4.9	4.0		28	3	60	CU-2
HRU-1 (EXHAUST FAN)	35	3	33	2.1	4.5		32	3	60	CU-3
HRU-1 (SUPPLY FAN)	50	3	39	2.1	0.6		40	3	15	EF-1 (KITCHEN HOOD)
SPARE	30	3	45	0.0	0.5		46	2	15	EF-2 (KITCHEN HOOD)
SPARE			47	0.0	0.0		48	2	20	SPARE
SPARE			49	0.0	0.0		50	--	--	SPARE
SPARE			51	0.0	0.0		52	--	--	SPARE
SPARE			53	0.0	0.0		54	--	--	SPARE
TOTAL LOAD:				82 kVA	76 kVA		74 kVA			
TOTAL AMPS:				688 A	633 A		613 A			
LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS						
Other	137565 VA	100.00%	137666 VA							
RCPT	79064 VA	56.32%	44532 VA	CONNECTED LOAD: 233514 VA						
LITES	16784 VA	125.00%	20960 VA	ESTIMATED DEMAND: 203178 VA						
				CONNECTED CURRENT: 648 A						
				EST. DEMAND CURRENT: 564 A						

NOTES:
PROVIDE SPD IN PANEL

PANELBOARD: P1L

LOCATION: CORRIDOR C03
MOUNTING: RECESSED NEMA 1
MAIN DEVICE: 225 A MLO
BUS AMPS: 225 AMPS

VOLTAGE: 208Y/120 V, 3 ø 4 W
A.I.C. RATING: 22,000 AMPS SYMMETRICAL
SPECIAL: PROVIDE PHENOLIC LABEL "FED FROM MDP"

LOAD DESCRIPTION	BKR	P	CKT	A	B	C	CKT	P	BKR	LOAD DESCRIPTION		
LITES - LIBRARY	20	A	1	0.8	0.5		2	1	20	RCPT - LIBRARY		
LITES - BOILER ROOM AREA	20	A	1	3			4	1	20	RCPT - LIBRARY		
LITES - LOBBY & KITCHEN	20	A	1	5	0.4	0.5	1.7	0.7	6	* RCPT - CORRIDOR REF		
LITES - CLASSROOM LOBBY	20	A	1	7	1.1	0.5		8	1	20	RCPT - CORRIDOR COUNTER	
LITES - OFFICE AREA	20	A	1	9		0.5	0.5	10	1	20	RCPT - CORRIDOR COUNTER	
LITES - EXTERIOR	20	A	1	11			0.5	0.4	12	1	20	RCPT - CORRIDOR
LITES - POLES	20	A	1	13	0.7	0.4		14	1	20	RCPT - LOBBY	
LTG RELAY PANEL - LV1	20	A	1	15		0.0	0.6	16	1	20	RCPT - LOBBY	
LITES - 1/2 ASSEMBLY HALL	20	A	1	17			1.2	0.4	18	1	20	RCPT - ASSEMBLY HALL
LITES - 1/2 ASSEMBLY HALL	20	A	1	19	1.2	0.4		20	1	20	RCPT - ASSEMBLY HALL	
* LITES - SHOWERS	20	A	1	21		0.0	0.4	22	1	20	RCPT - ASSEMBLY HALL	
SPARE	20	A	1	23			0.0	0.5	24	1	20	RCPT - ASSEMBLY HALL
SPARE	20	A	1	25	0.0	0.4		26	1	20	RCPT - ASSEMBLY HALL	
SPARE	20	A	1	27		0.0	0.4	28	1	20	RCPT - ASSEMBLY HALL	
SPARE	20	A	1	29			0.0	0.2	30	1	20	RCPT - HALL SOUND SYSTEM
SPARE	20	A	1	31	0.0	0.0		32	1	20	ASSEMBLY HALL PROJ SCRIN	
RCPT - ROOFTOP AND...	20	A	1	33		0.5	0.0	34	1	20	SPARE	
RCPT - BOILER CORR...	20	A	1	35			1.5	0.0	36	1	20	SPARE
RCPT - DEMARK BKBD	20	A	1	37	0.2	0.0		38	1	20	SPARE	
* 1 FIRE ALARM BELL	15	A	1	39		0.2	0.0	40	1	20	SPARE	
* 1 FACP	20	A	1	41			0.0	0.0	42	1	20	SPARE
TOTAL LOAD:				6 kVA	4 kVA		7 kVA					
TOTAL AMPS:				53 A	33 A		62 A					
LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS								
Other	1261 VA	100.00%	1261 VA									
RCPT	7776 VA	100.00%	7776 VA	CONNECTED LOAD: 17196 VA								
LITES	8159 VA	125.00%	10199 VA	ESTIMATED DEMAND: 16236 VA								
				CONNECTED CURRENT: 48 A								
				EST. DEMAND CURRENT: 53 A								

NOTES:
* = GFCI CIRCUIT BREAKER, *1 = CIRCUIT BREAKER HANDLE LOCK.

PANELBOARD: P1R

LOCATION: CORRIDOR C03
MOUNTING: RECESSED NEMA 1
MAIN DEVICE: 225 A MLO
BUS AMPS: 225 AMPS

VOLTAGE: 208Y/120 V, 3 ø 4 W
A.I.C. RATING: 22,000 AMPS SYMMETRICAL
SPECIAL: PROVIDE PHENOLIC LABEL "FED FROM MDP"

LOAD DESCRIPTION	BKR	P	CKT	A	B	C	CKT	P	BKR	LOAD DESCRIPTION		
* RCPT - KOSH KIT RANGE	20	A	1	0.5	0.5		2	1	20	RANGE HOODS		
* RCPT - KOSH KIT REF	20	A	1	3		1.4	0.5	4	1	20	* RCPT - KITCHEN RANGE	
* RCPT - KOSH KIT REF	20	A	1	5			1.4	1.8	6	1	20	* RCPT - KITCHEN REF
* RCPT - KOSH KIT DW	20	A	1	7	1.4	1.8		8	1	20	* RCPT - KITCHEN REF	
* RCPT - KOSH KIT DW	20	A	1	9		1.4	1.4	10	1	20	RCPT - KITCHEN DISHWASHER	
KOSH KIT GARBAGE DISP	20	A	1	11			0.7	0.7	12	1	20	KIT - GARBAGE DISPOSER
KOSH KIT GARBAGE DISP	20	A	1	13	0.7	0.4		14	1	20	RCPT - KITCHEN COUNTER	
RCPT - KOSH KIT COUNTER	20	A	1	15		0.4	0.4	16	1	20	RCPT - KITCHEN COUNTER	
RCPT - KOSH KIT COUNTER	20	A	1	17			0.4	0.7	18	1	20	RCPT - KITCHEN COUNTER
RCPT - KOSH KIT COUNTER	20	A	1	19	0.4	1.2		20	1	20	Other	
RCPT - KOSH KIT COUNTER	20	A	1	21		0.4	0.0	22	1	20	SPARE	
RCPT - KOSH KIT COUNTER	20	A	1	23			0.4	0.0	24	1	20	SPARE
RCPT - KOSH KIT COUNTER	20	A	1	25	0.4	0.0		26	1	20	SPARE	
ATC PANEL	20	A	1	27		0.2	0.0	28	1	20	SPARE	
PUMP #1 (P-1)	30	A	1	29			3.3	0.0	30	1	20	SPARE
PUMP #2 (P-2)	30	A	1	31	3.3	1.0		32	2	30	* 2 HEAT TRACE (TM-1)	
PUMP #3 (P-3)	30	A	1	33		3.3	1.0	34	2	30	* 2 HEAT TRACE (TM-1)	
EF-3 (BOILER ROOM)	15	A	1	35			0.9	1.0	36	2	30	* 2 HEAT TRACE (TM-2)
B-1 (BOILER #1)	15	A	1	37	0.5	1.0		38	2	30	* 2 HEAT TRACE (TM-2)	
B-2 (BOILER #2)	15	A	1	39			0.5	1.0	40	2	30	* 2 HEAT TRACE (TM-2)
WHTR-1 (WATER HEATER)	20	A	1	41			0.6	1.0	42	2	30	* 2 HEAT TRACE (TM-2)
P1L (SUB-FEED/THRU TO PANEL P1L)	0	A	3	43	5.9	0.0		44	--	--	BLANK	
				45			3.9	0.0	46	--	BLANK	
				47			6.8	0.0	48	--	BLANK	
TOTAL LOAD:				19 kVA	16 kVA		20 kVA					
TOTAL AMPS:				162 A	132 A		171 A					
LOAD CLASSIFICATION	CONNECTED	DEMAND	ESTIMATED	PANEL TOTALS								
Other	23926 VA	100.00%	23926 VA									
RCPT	23160 VA	71.59%	16560 VA	CONNECTED LOAD: 52445 VA								
LITES	8159 VA	125.00%	10199 VA	ESTIMATED DEMAND: 50705 VA								
				CONNECTED CURRENT: 163 A								
				EST. DEMAND CURRENT: 141 A								

NOTES:
42 POLE TUB - POLES 43.45 & 47 ARE SHOWN TO FEED ADJACENT TUB. * = GFCI CIRCUIT BREAKER, *2 = 30MILLAMP GFCI CIRCUIT BREAKER (10KAIC BREAKER).

2 PANELBOARD SCHEDULES
NO SCALE

PANELBOARD: P2L

LOCATION: CORRIDOR C02
MOUNTING: RECESSED NEMA 1
MAIN DEVICE: 225 A MLO
BUS AMPS: 225 AMPS

VOLTAGE: 208Y/120 V, 3 ø 4 W
A.I.C. RATING: 22,000 AMPS SYMMETRICAL
SPECIAL: PROVIDE PHENOLIC LABEL "FED FROM MDP"

LOAD DESCRIPTION	BKR	P	CKT	A	B	C	CKT	P	BKR	LOAD DESCRIPTION		
LITES - PRE-K	20	A	1	1.0	1.0		2	1	20	RCPT - TODDLER RM		
LITES - NURSERY	20	A	1	3		1.0	1.5	4	1	20	RCPT - TODDLER COUNTER	
LITES - LOUNGE/OFFICE	20	A	1	5			0.8	0.7	6	1	20	* RCPT - TODDLER REF
LITES - INFANT	20	A	1	7	0.8	0.2		8	1	20	RCPT - TODDLER MICRO	
LITES - ART	20	A	1	9			0.8	1.2	10	1	20	RCPT - TODDLER RM
LITES - TODDLER	20	A	1	11			0.8	1.5	12	1	20	RCPT - TODDLER COUNTER
LITES - TODDLER	20	A	1	13	0.8	0.7		14	1	20	* RCPT - TODDLER REF	
SPARE	20	A	1	15			0.0	0.2	16	1	20	RCPT - TODDLER MICRO
SPARE	20	A	1	17			0.0	1.2	18	1	20	RCPT - PER-K
SPARE	20	A	1	19	0.0	1.5		20	1	20	RCPT - PER-K COUNTER	
SPARE	20	A	1	21			0.0	0.2	22	1	20	RCPT - PER-K REF
SPARE	20	A	1	23			0.0	0.7	24	1	20	RCPT - PER-K MICRO
SPARE	20	A	1	25	0.0	1.0		26	1	20	RCPT - TOILETS	
SPARE	20	A	1	27			0.0	1.2	28	1	20	RCPT - NURSERY
SPARE	20	A	1	29			0.0	1.5	30	1	20	RCPT - NURSERY COUNTER
SPARE	20	A	1	31	0.0	0.7		32	1	20	* RCPT - NURSERY REF	
SPARE	20	A	1	33			0.0	0.2	34	1	20	RCPT - NURSERY MICRO
SPARE	20	A	1	35			0.0	1.0	36	1	20	RCPT - CORRIDOR