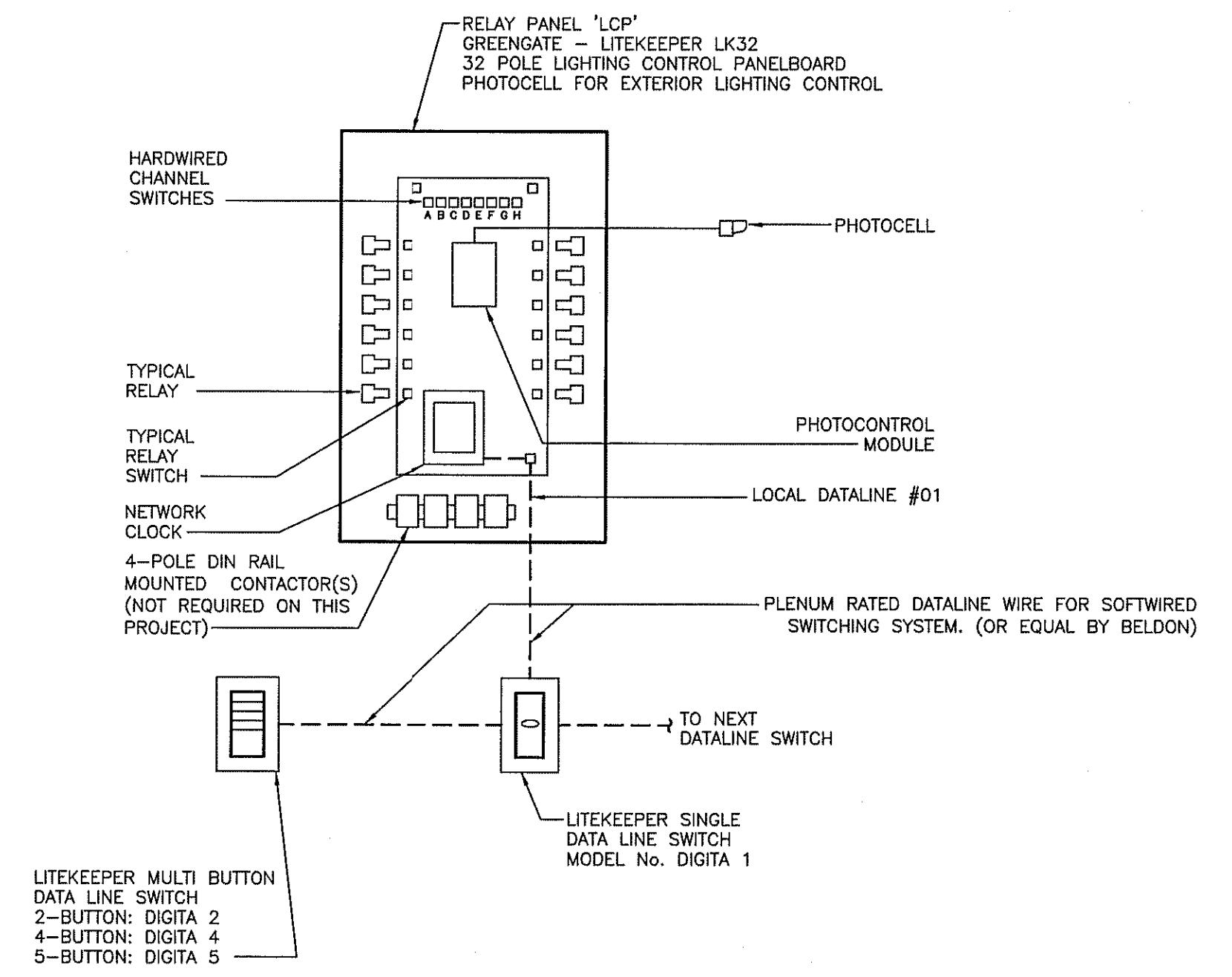


Mark	Manufacturer	Catalog Number	Voltages	Energy Code (Fixture Watts)	Circuit Load (Fixture VA)	Lamps No./Watts/type	Remarks
A1R	METALUX OVATION	2RDI-332RP-UNV-EB82-EL232	120	91	95	3/32W/T8 - 35K	2'x4' LAY-IN, DIRECT/INDIRECT, ROUND PERFORATED WHITE STEEL LAMP SHIELD, 3 LAMP.
A1RE	METALUX OVATION	2RDI-332RP-UNV-EB82	120	91	95	3/32W/T8 - 35K	SAME AS A1, EXCEPT WITH 1400 TOTAL LUMEN 90-MINUTE BATTERY BALLAST TO OPERATE OUTER TWO LAMPS. PROVIDE WITH (1) TWO LAMP BALLAST AND (1) 1-LAMP BALLAST. SAME AS A1RE, EXCEPT WIRED AS A NIGHT LIGHT.
A1RE-N	METALUX OVATION						
A3L	LINEAR LIGHTING CORP	RC23-D-2ET5-120-PVL-F-BW-NO-3	120	48	48	2/21W/T5 - 35K	RECESSED 3'-0" LONG FLUORESCENT WITH CONCAVE PARABOLIT LOUVER BLADES AND CONTINUOUS ROW MOUNTING.
A4	METALUX	2GC8-332A-UNV-EB81-PAF	120	91	95	3/32W/T8 - 35K	2' x 4' LAY-IN, ACRYLIC PRISMATIC LENS (#12). PAINT AFTER FABRICATION.
A5L	LINEAR LIGHTING CORP	RC23-D-2ET5-120-PVL-X-BW-NO-4	120	64	66	2/28W/T5 - 35K	RECESSED 4'-0" LONG FLUORESCENT WITH CONCAVE PARABOLIC LOUVER BLADES AND CONTINUOUS ROW MOUNTING.
A6E	METALUX	GC8-232A-UNV-EB81-PAF	120	64	66	2/32W/T8 - 35K	1' x 4' LAY-IN, ACRYLIC PRISMATIC LENS (#12). PROVIDE 1400 LUMEN, 90-MINUTE BATTERY BALLAST TO OPERATE BOTH LAMPS.
B1	METALUX	SS-217-UNV-EB81	120	39	42	2/17W/T8 - 35K	2' STRIP FIXTURE.
B2	ALLSCAPE	#SP-01-9-CF-120/277-WH	120	9	10	1/9W/CF	RECESSED DIECAST ALUMINUM FIXTURE WITH PLYCARBONATE LENS.
B4	ALKCO	LINCS-100-F42-RSW	120	36	38	2/14W/T5	EXTRUDED ALUMINUM UNDER CABINET TASK FIXTURE, SWITCH WITH ROOM LIGHTS, ROCKER SWITCH, WHITE FINISH. 42" LIGHT CHANNEL FIBER OPTIC SYSTEM WITH METAL HALIDE ILLUMINATOR.
B7	VISUAL LIGHTING	LC-075-M-S-AL-8/5-XX LGS150C-4-28-W-W-D-120V	120	189	210	150W CERAMIC METAL HALIDE	7" VERTICAL LAMP FLUORESCENT DOWNLIGHT WITH EVENTONE CLEAR REFLECTOR AND WHITE TRIM.
D1	EDISON PRICE	TRPV-32/7-120-VOL-WF	120	36	38	1/32W - CF	SAME AS D1 EXCEPT WITH EMERGENCY BATTERY BACKUP (MINIMUM 750 LUMENS).
D1E	EDISON PRICE	TRPV-32/7-120-VOL-WF-EM	120	36	38	1/32W - CF	SAME AS D1E, EXCEPT WIRED AS A NIGHT LIGHT.
D3	EDISON PRICE	TRPV-42/8-120-VOL-WF	120	46	48	1/42W - CF	8" VERTICAL LAMP FLUORESCENT DOWNLIGHT WITH EVENTON CLEAR REFLECTOR AND WHITE TRIM.
D3E	EDISON PRICE	TRPV-42/8-120-VOL-WF-EM	120	46	48	1/42W - CF	SAME AS D3, EXCEPT WITH EMERGENCY BATTERY BACKUP (MINIMUM 750 LUMENS).
D3E-N	EDISON PRICE	TRPV-42/8-120-VOL-WF-DM	120	46	48	1/42W - CF	SAME AS D3E, EXCEPT WIRED AS A NIGHT LIGHT.
D3D	EDISON PRICE	TRPV-42/8-120-VOL-WF-DM	120	46	48	1/42W - CF	6" DIAMETER, COMPACT (6 1/2" H) DOWNLIGHT WITH HAZE REFLECTOR WITH DIMMING BALLAST.
D14	HALO	H99T	120	50	50	1/50W/PAR 20	4" DIAMETER, DOWNLIGHT WITH BLACK TRIM AND BAFFLE.
E1	ALKCO	RGLO-LEDX1/PGL01-RC	120	5	5	LED	EXIT 6" RED LETTERS IN TRANSLUCENT GLASS WITH BATTERY BACK-UP. REFER TO ELECTRICAL PLAN FOR ARROWS REQUIRED.
EG-1	FC LIGHTING	FCSL407-120-13T-E-SS-PCL-EMR	120	16	17	1/13W - CF	FOUR SPOKE EXTERIOR DIE CAST STEP LIGHT, ELECTRONIC BALLAST, STAINLESS STEEL FINISH, POLYCARBONATE LENS. PROVIDE IOTA I-13 REMOTE EMERGENCY BATTERY BACKUP FOR EMERGENCY EGRESS LIGHTING. MOUNT ABOVE ACCESSIBLE CEILING IN RR 103.
F5	LBL LIGHTING	PF-242-BU-SC-13Q-MPT	120	16	17	1/13W - CF	COMPACT FLUORESCENT PENDANT MONOPOINT FIXTURE WITH MOUTH-BLOWN CASSED MURANO GLASS SHADE.
F6	CAMMAN	CP2035-42-F-BA-WA-WG-OAH	120	106	110	4/25W/T8 - 35K	CUSTOM PENDANT CHANDELIER. LENGTH VARIES. MOUNT PENDANT AT 12'-0" A.F.F TO BOTTOM OF FIXTURE.
F6E	CAMMAN	CP2035-42-F-BA-WA-WG-OAH-EM	120	106	110	4/25W/T8 - 35K	SAME AS FIXTURE F6 EXCEPT PROVIDE 1400 TOTAL LUMEN, 90 MINUTE BATTERY PACK TO OPERATE TWO LAMPS.
F7	ZUMTOBEL STAFF	(3) OR-2545-4-T-SL-U-00 (1) OR-CBL-070-T-J5-F3-U (2) OR-CBL-070-J5	120	360	360	2/54W/T5 HO PER 4' SECTION	THREE SECTION CONTINUOUS RUN 12'-0" LONG SUSPENDED FIXTURE. SUSPEND A MAXIMUM 24" BELOW CEILING.
Q1	LUMARK	MHQF-GO/GAS-A-150-MT-DL-G2	120	169	169	1/150W - MH E-17	2'X2' LAY-IN, METAL HALIDE OUTDOOR CANOPY FIXTURE, WITH HIGH POWER FACTOR BALLAST, FLAT GASKETED LENS FOR SOFFITS.
R1	ALKCO	NS734-RF	120	10	10	NEON	LANE LIGHTS - MESSAGE: "OPEN/CLOSED" IN GREEN AND RED, WITH 5 GANG SWITCH, LOUVERED SUN SCREEN, BLACK ANODIZED HOUSING/FRAME, 7"H X 34"W. PROVIDE CORRECT NUMBER OF 3-POSITION SWITCHES PER LIGHTING PLAN.
R2	ALKCO	NS734-RF	120	10	10	NEON	LANE LIGHT - CUSTOM MESSAGE: "24 HR ATM/CLOSED" IN GREEN AND RED, INCLUDE SWITCH IN SAME FACEPLATE AS TYPE R1 SWITCHES, LOUVERED SUNSCREEN, BLACK ANODIZED HOUSING/FRAME, 7"0" X 34"W.
S5	LUMARK	MP-TR-5S-250-MT POLE: NORTH PACIFIC WPODH-30-F-HDN2AA	208	277	294	1/250W - MH (COATED)	1 FIXTURE HEADS AS SHOWN ON PLAN, TEMPERED GLASS LENS, POWDER COAT BRONZE FINISH ON 23'-0" DIRECT BURIAL TAPERED POLE (5" EMBEDMENT) WITH DIRECT ARM MOUNTINGS, TYPE 5S PHOTOMETRICS.
SL	LUMARK	MP-TR-SL-250-MT (REFER TO S5 FOR POLE)	208	277	294	1/250W - MH (COATED)	1 FIXTURE HEAD AS SHOWN ON PLAN, TEMPERED, GLASS LENS, POWDER COAT BRONZE FINISH ON SQUARE STEEL NON-TAPERED POLE WITH DIRECT ARM MOUNTINGS, TYPE SL PHOTOMETRICS.
T4	ARCHITECTURAL LANDSCAPE LIGHTING	SL-33-MH-100MH-120-ED17-C-BZ-FSR	120	112	112	1/100W - MH	FLAG SPOT LIGHT, FLUSH MOUNTED AT GRADE SURFACE, TILT ADJUSTMENT. VERIFY EXACT LOCATION WITH ARCHITECT PRIOR TO INSTALLATION.
W	ALLSCAPE	BL-81-150MH-E17-CG-ADJ-35DE-NA	120	189	210	1/150W - MH (COATED)	WALL PACK, NATURAL ALUMINUM FINISH.
X3	USA ARCHITECTURAL LIGHTING	LAS5562-70MH-120-BF-SLM	120	90	97	1/70W - MH	FIXTURE MOUNTED ON CLOCK TOWER WITH BEAM UP/FLOOD DOWN OPTICS. MOUNT AT 4'-8" A.F.F.
X4	USA ARCHITECTURAL LIGHTING	LAS5562-70MH-120-BB-SLM	120	90	97	1/70W - MH	WALL/COLUMN MOUNTED FIXTURE WITH BEAM UP/DEAM DOWN OPTICS. MOUNT AT 10'-7" A.F.F.
X5	XAL	034-01046-604-70997X 034-02446-604-70997X-604-71397X	120	210	210	LED	CLOCK TOWER LED

NOTES:
1. PROVIDE DISCONNECTS FOR ALL FLUORESCENT BALLAST FIXTURE WITH DOUBLE-ENDED LAMPS, PER 2005 NEC 410.74(G).

Switch	Button No.	Relays Controlled	Description	Lighting Groups
M1	1	10,11	LOBBY MAIN LIGHTING	
M1	2	13,15	TELLER DOWNLIGHTS	
M1	3	13,15	TELLER FIBER OPTIC/WALL WASH	
R1	1	7	TELLER WORK	
R2	1	6	MOTOR BANK TELLERS	
R3	1	8	AREA PRESIDENT OFFICE	
R4	1	9	OFFICE	

Channel	Group Description	Global or Local Control	Automation Scenario	Data
A	Exterior ATM Lighting	Global	Schedule ON/OFF Manual ON/Schedule OFF X Astronomical ON/OFF Astro ON/Schedule OFF Schedule ON/OFF	Occupied Mon-Fri (get times from ISD rep) Saturday (get times from ISD rep) Sunday (get times from ISD rep) Flick Warn 5 minutes - 2 hour Override
B	Exterior Site Lighting	Global	Schedule ON/OFF Manual ON/Schedule OFF Astronomical ON/OFF X Astro ON/Schedule OFF	Occupied Mon-Fri (get times from ISD rep) Saturday (get times from ISD rep) Sunday (get times from ISD rep) Flick Warn 5 minutes - 2 hour Override
C	Signage	Global	Schedule ON/OFF Manual ON/Schedule OFF Astronomical ON/OFF X Astro ON/Schedule OFF	Occupied Mon-Fri (get times from ISD rep) Saturday (get times from ISD rep) Sunday (get times from ISD rep) Flick Warn 5 minutes - 2 hour Override
D	Interior Lighting	Global	Schedule ON/OFF Manual ON/Schedule OFF Astronomical ON/OFF X Astro ON/Schedule OFF	Occupied Mon-Fri (get times from ISD rep) Saturday (get times from ISD rep) Sunday (get times from ISD rep) Flick Warn 5 minutes - 2 hour Override
E	Interior decorative	Global	Schedule ON/OFF Manual ON/Schedule OFF Astronomical ON/OFF X Astro ON/Schedule OFF	Occupied Mon-Fri (get times from ISD rep) Saturday (get times from ISD rep) Sunday (get times from ISD rep) Flick Warn 5 minutes - 2 hour Override
F	Upper Lobby	Global	Schedule ON/OFF Manual ON/Schedule OFF Astronomical ON/OFF X Astro ON/Schedule OFF	Occupied Mon-Fri (get times from ISD rep) Saturday (get times from ISD rep) Sunday (get times from ISD rep) Flick Warn 5 minutes - 2 hour Override
G	Spare	Global	Schedule ON/OFF Manual ON/Schedule OFF Astronomical ON/OFF X Astro ON/Schedule OFF	Occupied Mon-Fri (get times from ISD rep) Saturday (get times from ISD rep) Sunday (get times from ISD rep) Flick Warn 5 minutes - 2 hour Override
H	Master All-ON	Global	Schedule ON/OFF Manual ON/Schedule OFF Astronomical ON/OFF X Astro ON/Schedule OFF	Occupied Mon-Fri (get times from ISD rep) Saturday (get times from ISD rep) Sunday (get times from ISD rep) Flick Warn 5 minutes - 2 hour Override



- LIGHTING CONTROL DIAGRAM GENERAL NOTES:**
- DATALINE SWITCHES MAY BE CONNECTED TO NEAREST DATALINE LOOP AND NEAREST PANEL. THEY DO NOT NEED TO BE CONNECTED TO THE SAME DATALINE LOOP ORIGINATING IN THE PANEL THAT HOUSES THE RELAY FOR THAT AREA.
 - ALL LIGHTING CONTROL SWITCHES AND COVER PLATES SHALL BE THE COLOR AS INDICATED IN THE SPECIFICATIONS.
 - CONTRACTOR SHALL INCLUDE IN BID PRICE FOR THE SUPPORT OF A LIGHTING CONTROL SYSTEM REPRESENTATIVE WHO WILL ALSO TRAIN EMPLOYEES IN PROGRAMMING.
 - PROVIDE SHOP DRAWINGS FOR REVIEW PRIOR TO INSTALLATION.
 - REFER TO FLOOR PLANS FOR LOCATION OF DATALINE SWITCHES AND DATALINE SWITCH CONTROL SCHEDULE ON THIS SHEET FOR MULTI-BUTTON DATALINE SWITCH CONFIGURATIONS.

1 LIGHTING CONTROL DIAGRAM - RELAY PANEL LCP
NOT TO SCALE

Relay	Circuit	Load Controlled	Channel
1	LB-47	BLDG SIGN - NORTH	X
2	LB-49	BLDG SIGN - WEST	X
3	LB-51	BLDG SIGN - SOUTH	X
4	LB-53	ATM CANOPY	X
5	LB-55	EXTERIOR BUILDING	X
6	LB-57	M.B. TELLERS	X
7	LB-57	TELLER WORK	X
8	LB-59	AREA PRES	X
9	LB-59	OFFICE	X
10	LB-61	NEW ACCOUNTS/AULT/OFFICE	X
11	LB-63	LOUNGE/VESTIBULE/GREETER	X
12	LB-63	LOBBY	X
13	LB-46	TELLER FIBER OPTIC	X
14	LB-46	TELLER DOWNLIGHTS/PENDANTS	X
15	LB-46	TELLER WALLWASH	X
16	LB-50	TOWER	X
*17	LA-7.9	ATM POLE LIGHTS	X
*18	LA-11,13	SITE POLE LIGHTS	X
*19		SPARE	
*20		SPARE	
21	LA-15	MONUMENT SIGN	X
22		SPARE	
23		SPARE	
24		SPARE	
25		SPARE	
26		SPARE	
27		SPARE	
28		SPARE	
29		SPARE	
30		SPARE	
31		SPARE	
32		SPARE	

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MARK	DATE	DESCRIPTION
	09-15-09	DEVELOPER REVIEW
	11-16-09	ISSUE FOR PERMIT
	12-02-09	RESPONSE TO BUILDING PERMIT COMMENTS
	01-13-10	RESPONSE TO BUILDING PERMIT COMMENTS
	01-29-10	RESPONSE TO BUILDING PERMIT COMMENTS
	03-17-10	BUILDING REVISIONS

PROJECT NO:
09-529.a

ELECTRICAL LIGHT FIXTURE SCHEDULE

E-502