DIGITAL SWITCH SCHEDULE

SWITCH TAG NO.	SWITCH EQUAL TO	BUTTON NO.	BUTTON LABEL	BUTTON FUNCTION	RELAY(S) CONTROLLED
WS1	LC&D # CH6-BWH-PST				
		1	RR EX FANS	TC, TOG	LCP2-3,4
		2	AUD ENT LIGHTING	TC, TOG	LCP1-9
		3	RR SIGNS	TC, TOG	LCP3-8
		4	EXT AMC SIGNS	TC, TOG	LCP2-1,2,5
		5	BOX OFF. AMC SIGN	TC, TOG	LCP3-9,12
		6	HW CIRC PUMPS	TC, TOG	LCP1-1,2,4, 5
WS2	LC&D # CH6-BWH-PST				
		1	INT POST CASES	TC, TOG	LCP1-3 LCP3-6
		2	EXT POST CASES	TC, TOG	LCP3-5,7
		3	DAS MONITORS	TC, TOG	LCP1-6,7
		4	LEN MONITOR	TC, TOG	LCP3-10
		5	BOX OFC MONITORS	TC, TOG	LCP3-3
		6	MENU BD MONITORS	TC, TOG	LCP3-4
WS3	LC&D # CH6-BWH-PST				
		1	CORR LTG ON/OFF	TC, TOG	LCP1-10,12, 13
		2	CORRIDOR COVE LTG	TC, TOG	LCP1-8
		3	CORR LTG DIM UP	DIM	LCP1-10,12, 13
		4	EXIT DR LIGHTING	TC, TOG	LCP1-11,27
		5	CORR LTG DIM DWN	DIM	LCP1-10,12, 13
		6	BLD WALL LIGHTING	TC, TOG	LCP2-13,14
WS4	LC&D # CH6-BWH-PST				
		1	LOB LTG	TC, TOG	LCP1-16 LCP2-16
		2	LOB DLTG	TC, TOG	LCP1-18 LCP2-15
		3	LOB LTG UP	DIM	LCP1-16 LCP2-16
		4	LOB DLTG UP	DIM	LCP1-18 LCP2-15
		5	LOB LTG DOWN	DIM	LCP1-16 LCP2-16
		6	LOB DLTG DOWN	DIM	LCP1-18 LCP2-15
WS5	LC&D # CH6-BWH-PST				
		1	WALL WSH LTG	TC, TOG	LCP2-10
		2	BOX OFC LTG	TC, TOG	LCP1-17
		3	WALL WSH LTG UP	DIM	LCP2-10
		4	BOX OFC LTG UP	DIM	LCP1-17
		5	WALL WSH LTG DOWN	DIM	LCP2-10
		6	BOX OFC LTG DOWN	DIM	LCP1-17
WS6	LC&D # CH6-BWH-PST				
		1	BO DRUM LTG	TC, TOG	LCP2-9
		2	BO DRUM DYLTG	TC, TOG	LCP2-8
		3	BO DRUM LTG UP	DIM	LCP2-9
		4	BO DRUM DYLTG UP	DIM	LCP2-8
		5	BO DRUM LTG DOWN	DIM	LCP2-9
		6	BO DRUM DYLTG DN	DIM	LCP2-8
WS7	LC&D # CH3-BWH-PST				
		1	PROJ LTG	TC, TOG	LCP1-24 LCP2-20
		2	PROJ LTG UP	DIM	LCP1-24 LCP2-20
		3	PROJ LTG DOWN	DIM	LCP1-24 LCP2-20
WS8	LC&D # CH3-BWH-PST				
		1	PROJ LTG	TC, TOG	LCP1-21 LCP2-11
		2	PROJ LTG UP	DIM	LCP1-21 LCP2-11
		3	PROJ LTG DOWN	DIM	LCP1-21 LCP2-11
WS9	LC&D # CH6-BWH-PST				
		1	CONC LTG	TC, TOG	LCP1-25 LCP3-20
		2	FREESTYL LIGHTING	TC, TOG	LCP1-14 LCP3-18
		3	CONC LTG UP	DIM	LCP1-25 LCP3-20
		4	CONC DISP LTG	TC, TOG	LCP3-11
		5	CONC LTG DOWN	DIM	LCP1-25 LCP3-20
		6			
WS10	LC&D # CH3-BWH-PST				
		1	KITCHEN LTG	TC, TOG	LCP1-26 LCP3-19
		2	KITCHEN LTG UP	DIM	LCP1-26 LCP3-19
		3	KITCHEN LTG DOWN	DIM	LCP1-26 LCP3-19
WS11	LC&D # CH6-BWH-PST				
		1	MURAL LTG	TC, TOG	LCP2-17
		2	QUOTE LTG	TC, TOG	LCP2-18
		3	MURAL LTG UP	DIM	LCP2-17
		4	QUOTE LTG UP	DIM	LCP2-18
		5	MURAL LTG DOWN	DIM	LCP2-17
		6	QUOTE LTG DOWN	DIM	LCP2-18
WS12	LC&D # CH6-BWH-PST				
		1	BAR STG LTG	TC, TOG	LCP1-20 LCP3-17
		2	BAR LIGHTING	TC, TOG	LCP3-15,16
		3	BAR STG LTG UP	DIM	LCP1-20 LCP3-17
		4	BOTTLE DISP LTG	TC, TOG	LCP3-1,2
		5	BAR STG LTG DOWN	DIM	LCP1-20 LCP3-17
		6	BAR STG FL LAMPS	TC, TOG	LCP3-21
WS13	LC&D # CH3-BWH-PST				
		1	PROJ [illegible]	TC, TOG	[illegible] LCP2-1[illegible]
		2	[illegible]	DIM	[illegible] LCP2-19
		3	PR[illegible] LT[illegible]	DIM	LCP1-15 LCP2-19
WS14	LC&D # CH6-BWH-PST				
		1	ENT VEST LTG	[illegible]OG	[illegible] LCP2-[illegible]
		2	BO ACCNT LIGHTING	TC, [illegible]	LCP2-7
		3	[illegible]T VEST [illegible] UP	DI[illegible]	LCP1-22 LCP2-6
		4	[illegible] ST[illegible]	[illegible]C, TOG	LCP1-19 LCP3-14
		5	ENT VEST LTG DOWN	DIM	LCP1-22 LCP2-6
		[illegible]	CANOPY LIGHTING	TC, TOG	LCP1-23 LCP2-12 LCP3-13

ABBREVIATIO[illegible]:
TC - TIME CL[illegible]K OVERRIDE
TOG - PRES[illegible]O TOGGLE RELAYS OPEN AND CLOSE
DIM - PR[illegible] AND HOLD TO DIM UP AND DOWN

RELAY CONTROL PANEL (MASTER): LCP1

Location:

RELAY	VOLTAGE	RATING	CIRCUIT DESCRIPTION	DIMMING	CONTROL METHOD	LOAD TYPE
1	120	20 A	ILLUMINATED POSTER CASES			
2	120	20 A	ILLUMINATED POSTER CASES			
3	120	20 A	ILLUMINATED POSTER CASES			
4	120	20 A	DIGITAL AUDITORIUM SIGNAGE			
5	120	20 A	DIGITAL AUDITORIUM SIGNAGE			
6	120	20 A	DIGITAL BOX OFFICE MONITORS			
7	120	20 A	DIGITAL MENU BOARDS			
8	120	20 A	DIGITAL MENU BOARDS			
9	120	20 A	HOT WATER CIRC. PUMP PP-1			
10	120	20 A	HOT WATER CIRC. PUMP PP-2			
11	120	20 A	Controls			
12						
13						
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						

Notes:

CONTROL PANEL SHALL BE EQUAL TO: LC&D GR 2400 SERIES; SURFACE MOUNTED NEMA 1 ENCLOSURE. PROVIDE WITH DIMMING CONTROL CAPABILITIES AND DIGITAL TIME CLOCK. PROVIDE INPUT CARD(S) AND VOLTAGE BARRIER(S) AS REQUIRED.

NOTE: PROVIDE AN INTERFACE TO THE BUILDING'S HVAC AUTOMATION SYSTEM. PROVIDE AN LC&D GR2400 L2 BACNETIP DV SM NE1 INTERFACE PANEL AND CONNECT TO THE MASTER LIGHTING CONTROL PANEL AND THE HVAC AUTOMATION PAN EL.

NOTE: PROVIDE AND INSTALL A DAYLIGHT SENSOR IN THE MAIN LOBBY TO CONTROL THE DAYLIGHT ZONE LIGHTING AND A PHOTOCELL ON THE ROOF FOR CONTROL OF THE EXTERIOR FIXTURES.

NOTE: 0-10V CONTROL WIRING SHALL BE ROUTED FROM THE CONTROL PANEL TO ALL DIMMING FIXTURES FOR EACH DIMMING RELAY CIRCUIT.

ABBREVIATIONS:
CFL - COMPACT FLUORESCENT
ELV - ELECTRONIC LOW VOLTAGE
FL - FLUORESCENT
INC - INCANDESCENT
LED - LIGHT EMITTING DIODE
P - PLUG LOADS
MS - MOTOR STARTER
MON - LED MONITOR
MTR - MOTOR

CONTROL METHOD:
PH - RELAY OPENS AND CLOSES BASED ON EXTERIOR PHOTOCELL INPUT
TC - RELAY OPENS AND CLOSES BASED ON OWNER DIRECTED TIME SCHEDULE
WS - DIGITAL WALL SWITCH TOGGLES THE RELAY OPEN AND CLOSED. WALL SWITCH WILL ALSO DIM THE FIXTURES WHEN CONTROLLING A DIMMING CIRCUIT. MANUALLY CLOSING A RELAY THAT IS TIME SCHEDULED TO BE OFF WILL CAUSE THAT RELAY TO OPEN AFTER 90 MINUTES FOLLOWING A FLASH ALERT AT 85 MINUTES.
DH - WHILE RELAY IS CLOSED LIGHT FIXTURES WILL DIM UP AND DOWN IN RESPONSE TO AMBIENT LIGHT LEVEL IN THE SPACE AS MEASURED BY THE DAYLIGHT SENSOR.
EM - RELAY CLOSES WHEN THE CONTROL PANEL LOSES POWER.

RELAY CONTROL PANEL (SLAVE): LCP2

Location:

RELAY	VOLTAGE	RATING	CIRCUIT DESCRIPTION	DIMMING	CONTROL METHOD	LOAD TYPE
1	120		CANOPY MOUNTED AMC SIGN	NO	TC/WS	LED
2	120		NORTH EXTERIOR AMC SIGN	NO	TC/WS	LED
3	120		WEST EXTERIOR AMC SIGN	NO	TC/WS	LED
4	120		WEST EXTERIOR DOLBY SIGN	NO	TC/WS	LED
5	120		RESTROOM EXHAUST FAN EF-9	NO	TC/WS	MS
6	120		RESTROOM EXHAUST FAN EF-10	NO	TC/WS	MS
7	120		RESTROOM EXHAUST FAN EF-11	NO	TC/WS	MS
8			INTERIOR AMC SIGN			
9			LOWER MURAL WALL WASH LIGHTING			
10			LOWER MURAL WALL WASH LIGHTING			
11			UPPER MURAL WALL WASH LIGHTING			
12			CONCESSION CASEWORK LED LIGHTING			
13			CONCESSION CASEWORK LED LIGHTING			
14						
15						
16						
17						
18						
19						
20						
21						
22						
23						
24						

Notes:

CONTROL PANEL SHALL BE EQUAL TO: LC&D GR 2400 SERIES; SURFACE MOUNTED NEMA 1 ENCLOSURE. PROVIDE WITH DIMMING CONTROL CAPA[illegible] AND DIGITAL TIME CLOCK. PROVIDE INPUT CARD(S) AND VOLTAGE BARRIER(S) AS REQUIRED.

NOTE: 0-10V CONTROL WIRING SHALL BE ROUTED FROM THE CONTROL PANEL TO ALL DIMMING FIXTURES FOR EACH DIMMING RELAY CIRCUIT.

ABBREVIATIONS:
CFL - COMPACT FLUORESCENT
ELV - ELECTRONIC LOW VOLTAGE
FL - FLUORESCENT
INC - INCANDESCENT
LED - LIGHT EMITTING DIODE
P - PLUG LOADS
MS - MOTOR STARTER
MON - LED MONITOR
MTR - MOTOR

CONTROL METHOD:
PH - RELAY OPENS AND CLOSES BASED ON EXTERIOR PHOTOCELL INPUT
TC - RELAY OPENS AND CLOSES BASED ON OWNER DIRECTED TIME SCHE[illegible]
WS - DIGITAL WALL SWITCH TOGGLES THE RELAY OPEN AND CLOSED. WALL S[illegible]ITCH WILL ALSO DIM THE FIXTURES WHEN CONTROLLING A DIM[illegible]NG CIRCUIT. MANUALLY CLOSING A RELAY THAT IS TIME SCHEDULE[illegible] BE OFF WILL C[illegible]SE THAT RELAY TO OPEN AFTER 90 MINUTES FOLLOWI[illegible]ASH ALERT AT 8[illegible] MINUTES.
DH - WHILE RELAY IS CLOSED LIGHT FIXTURES W[illegible]L DIM UP [illegible]N IN RESPO[illegible]E TO AMBIENT LIGHT LEVEL IN THE SPACE [illegible] MEASURED BY [illegible]LIGHT SE[illegible]OR.
EM - RELAY CLOSES WHEN THE CONTRO[illegible] LOSES POWER.

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SHEET TITLE:
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SHEET NUMBER:
E804