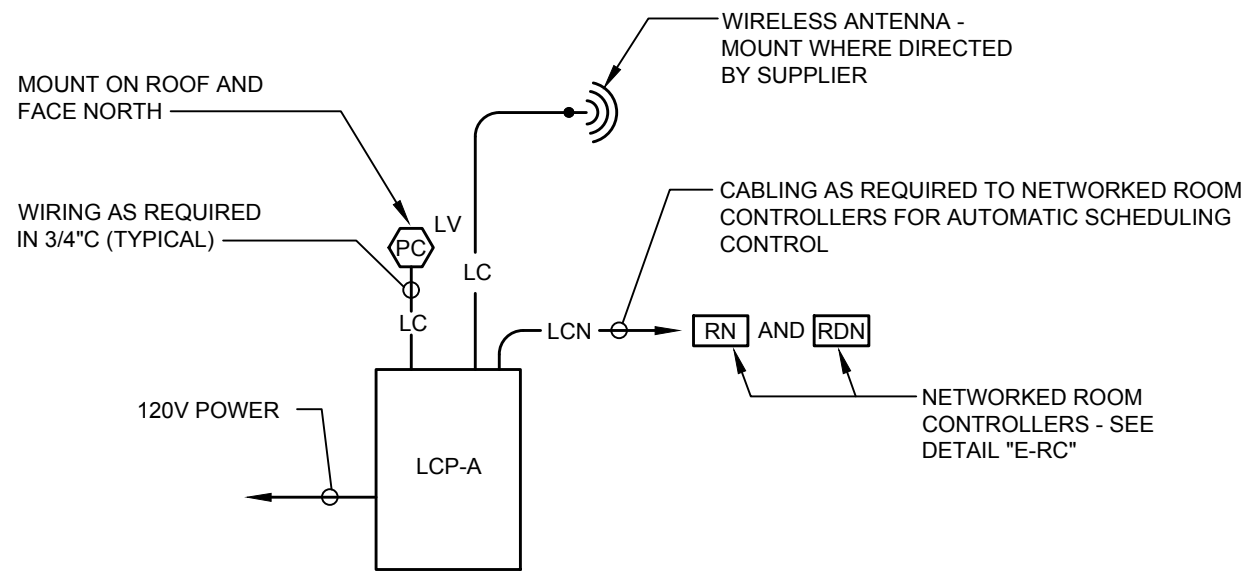




LIGHTING CONTROL PANEL
RISER DIAGRAM
SCALE : NONE

- LIGHTING CONTROL SYSTEM NOTES
- FURNISH AND INSTALL A COMPLETE AUTOMATIC LIGHTING CONTROL SYSTEM CONSISTING OF NETWORKED ROOM CONTROLLERS, PROGRAMMABLE SOFTWIRED CONTACTOR PANELS, PHOTOCELL AND INPUT FOR OUTDOOR LIGHTING CONTROL.
 - THE AUTOMATIC LIGHTING CONTROL SYSTEM SHALL BE AS MANUFACTURED BY WATTSTOPPER, ACUTY OR APPROVED EQUAL.
 - INSTALL LOW VOLTAGE REMOTE OVERRIDE SWITCHES AS SHOWN ON DRAWINGS. SEE LIGHTING CONTROL PANEL SCHEDULE FOR ADDITIONAL INFORMATION.

LIGHTING CONTROL PANEL - LCP-A										
RELAY MARK	DESCRIPTION	ASSOCIATED PANEL	ASSOC'D CIR. NO.	AUTO ON	AUTO OFF	OVERRIDE 'ON'		OVERRIDE 'OFF'		REMARKS
						L.V. SWITCH(ES)	BUTTON(S)	L.V. SWITCH(ES)	BUTTON(S)	
A 1	PARKING POLE LIGHTING	LP-A	31	DUSK	DAWN	\$LC1	a	\$LC1	a	NOTE 4
A 2	PARKING POLE LIGHTING	LP-A	33	DUSK	DAWN	\$LC1	a	\$LC1	a	NOTE 4
A 3	BUILDING MOUNTED LIGHTING - SECURITY	LP-A	35	DUSK	DAWN	\$LC1	b	\$LC1	b	-
A 4	BUILDING MOUNTED LIGHTING	LP-A	37	DUSK	PRESET TIME	\$LC1	c	\$LC1	c	-
A 5	MECHANICAL YARD LIGHTING	LP-A	39	MANUAL	PRESET TIME	\$LC2	-	\$LC2	-	-
A 6	BOLLARD LIGHTING	LP-A	41	DUSK	PRESET TIME	\$LC1	d	\$LC1	d	-
A 7	PATIO FESTOON RECEPTACLES	RP-A	12	DUSK	PRESET TIME	\$LC3	a	\$LC3	a	-
A 8	PATIO BUILDING MOUNTED LIGHTING - SECURITY	LP-A	32	DUSK	DAWN	\$LC3	b	\$LC3	b	-
A 9	PATIO BUILDING MOUNTED LIGHTING	LP-A	34	DUSK	PRESET TIME	\$LC3	c	\$LC3	c	-
A 10-16	SPARES	-	-	-	-	-	-	-	-	-
LIGHTING CONTROL PANEL NOTES: 1. LIGHTING CONTROL PANELS SHALL UTILIZE 30A RELAYS/CONTACTORS. 2. ALL PRESET TIMES FOR LIGHTING CONTROLS SHALL BE SET INTO THE LIGHTING CONTROL SYSTEM AS DIRECTED BY THE FACILITY MANAGER. 3. ALL INTERIOR FLOURESCENT/LED CIRCUITS SHALL BE PROGRAMMED TO BLINK OFF TO PROVIDE WARNING TO THE OCCUPANTS 5 MINUTES PRIOR TO AUTO OFF. 4. INDICATED CIRCUITS SHALL ALSO BE CONTROLLED WIRELESSLY AT PRESET TIME TO DIM TO 30% UPON VACANCY DETECTION BY ALL ASSOCIATED LUMINAIRE OCCUPANCY DETECTORS.										

EMERGENCY LIGHTING INVERTER SCHEDULE						
INVERTER MARK	AREA SERVED	TOTAL VA (MIN)	INPUT VOLTAGE	OUTPUT VOLTAGE	CATALOG #	REMARKS
INV 1	WORSHIP HOUSE LIGHTING	1,200	120	120	EMERGILITE #EMU-1500	NOTE 4
INV 2	WORSHIP HOUSE LIGHTING	1,200	120	120	EMERGILITE #EMU-1500	NOTE 4
INV 3	WEST LOBBY LIGHTING	550	277	277	ISOLITE #E3-550-LC-WB	
INV 4	EAST LOBBY LIGHTING	550	277	277	ISOLITE #E3-550-LC-WB	
INV 5	CLASSROOM CORRIDOR LIGHTING	550	277	277	ISOLITE #E3-550-LC-WB	
INV 6	OFFICE LIGHTING	550	277	277	ISOLITE #E3-550-LC-WB	
LIGHTING CONTROL PANEL NOTES: 1. INVERTER DIMENSIONS SHALL NOT EXCEED SPECIFIED WITHOUT PERMISSION. CONTRACTOR SHALL VERIFY MOUNTING SPACE PRIOR TO ORDERING. 2. INVERTER SHALL BE UL 924 LISTED. ALTERNATIVE MANUFACTURERS ACCEPTABLE WITH APPROVAL. 3. ALL CIRCUITRY ON THE LOAD SIDE OF INVERTERS SHALL BE ROUTED SEPARATELY FROM NON-EMERGENCY LIGHTING. 4. CONTRACTOR SHALL FURNISH AND INSTALL UL924 DMX EMERGENCY BYPASS CONTROLLER (ETC OR EQUAL) AND EMERGENCY BYPASS DETECTION KIT (ETC OR EQUAL) TO INTERLOCK WITH HOUSE LIGHTING CONTROLS SO THAT HOUSE LIGHTING RAMP'S UP TO FULL OUTPUT UPON LOSS OF NORMAL POWER OR FIRE ALARM EVENT. ROUTE DMX CONTROL CABLING THRU EMERGENCY CONTROLLER IN ACCORDANCE WITH MANUFACTURER INSTRUCTIONS AND AVL. 5. INDICATED TOTAL MINIMUM VA RATING SHALL BE ACTUAL LOAD RATING FOR 90 MINUTE RUN TIME AFTER ALL DERATINGS HAVE BEEN APPLIED.						