

THEATRICAL RELAY PANEL 'ARP-2' SCHEDULE					
CONTROL ZONE DESIGNATION	RELAY	DMX ADDRESS	LOAD VA	LOAD TYPE	ROOM NAME / FIXTURE TYPE
* aa	1			DMX	LIGHT LOCK 108 / RECESSED WALLWASHERS
ab	2			0-10V	HOUSE 101 / RECESSED STEPLIGHTS
ac	3			DMX	HOUSE 101 SOFFITS / PROSCENIUM WALLWASHERS
ad	4			0-10V	HOUSE 101, ACCESS 201,203 / RECESSED STEPLIGHTS
ae	5			0-10V	LIGHT LOCK 108 / RECESSED STEPLIGHT
af	6			0-10V	STAGE 102 / RECESSED STEPLIGHTS
ag	7			DMX	ACCESS 201,203 / CYLINDER DOWNLIGHTS
ah	8			SWITCHED	HOUSE 101 / SEAT LIGHTS - SEE E-PS-1.01
ai	9			NOT USED	
aj	10			DMX	HOUSE 103 / PERIMETER WALLWASHERS
ak	11			DMX	HOUSE 103 / FRONT HOUSE DOWNLIGHTS
* al	12			DMX	HOUSE 103 / LOWER SEATING DOWNLIGHTS
am	13			DMX	HOUSE 103 / MID HOUSE DOWNLIGHTS
* an	14			DMX	HOUSE 103 / REAR SEATING DOWNLIGHTS
ao	15			DMX	HOUSE 103 / REAR SEATING DOWNLIGHTS
ap	16			DMX	HOUSE 103 / REAR WALL GRAZER
aq	17			0-10V	LIGHT LOCK 108 / RECESSED STEPLIGHT
ar	18			0-10V	VESTIBULES 103&104 / RECESSED STEPLIGHTS
* as	19			0-10V	VESTIBULES 103&104 / PENDANT LIGHTS
-	20			DMX	REH A REHEARSAL LIGHTS
-	21			DMX	REH B REHEARSAL LIGHTS
-	22			DMX	REH C REHEARSAL LIGHTS
* at	23			0-10V	STAGE 102 / WORK LIGHTS / EMERGENCY
* au	24			DMX	ACCESS 204 / CYLINDER DOWNLIGHTS
av	25			0-10V	STAGE 102 / WORK LIGHTS
-	26			DMX	REH D REHEARSAL LIGHTS
aw	27			0-10V	ACCESS 111 WALL SCONCES
* ax	28			0-10V	ACCESS 111 PENDANT LIGHTS
	29				SPARE
	30				SPARE
	31				SPARE
	32				SPARE
	33				SPARE
	34				SPARE
	35				SPARE
	36				SPARE
	37				SPARE
	38				SPARE
	39				SPARE
	40				SPARE
	41				SPARE
	42				SPARE
	43				SPARE
	44				SPARE
	45				SPARE
	46				SPARE
	47				SPARE
	48				SPARE

* NORMAL/EMERGENCY ZONE - SEE 1/E-5.4 & 1/E-PL5.01 FOR POWER & CONTROL WIRING.

NORMAL AND EMERGENCY LIGHTING STATUS

NORMAL POWER LINE IN	RELAY STATUS	NORMAL LIGHTING	EMERGENCY LIGHTING
120VAC	ON	ON	ON
120VAC	OFF	OFF	OFF
UNAVAILABLE	EITHER	OFF (NO POWER)	ON

- NOTES:
- SCHEMATIC SHOWN IN DE-ENERGIZED STATE (NORMAL POWER UNAVAILABLE).

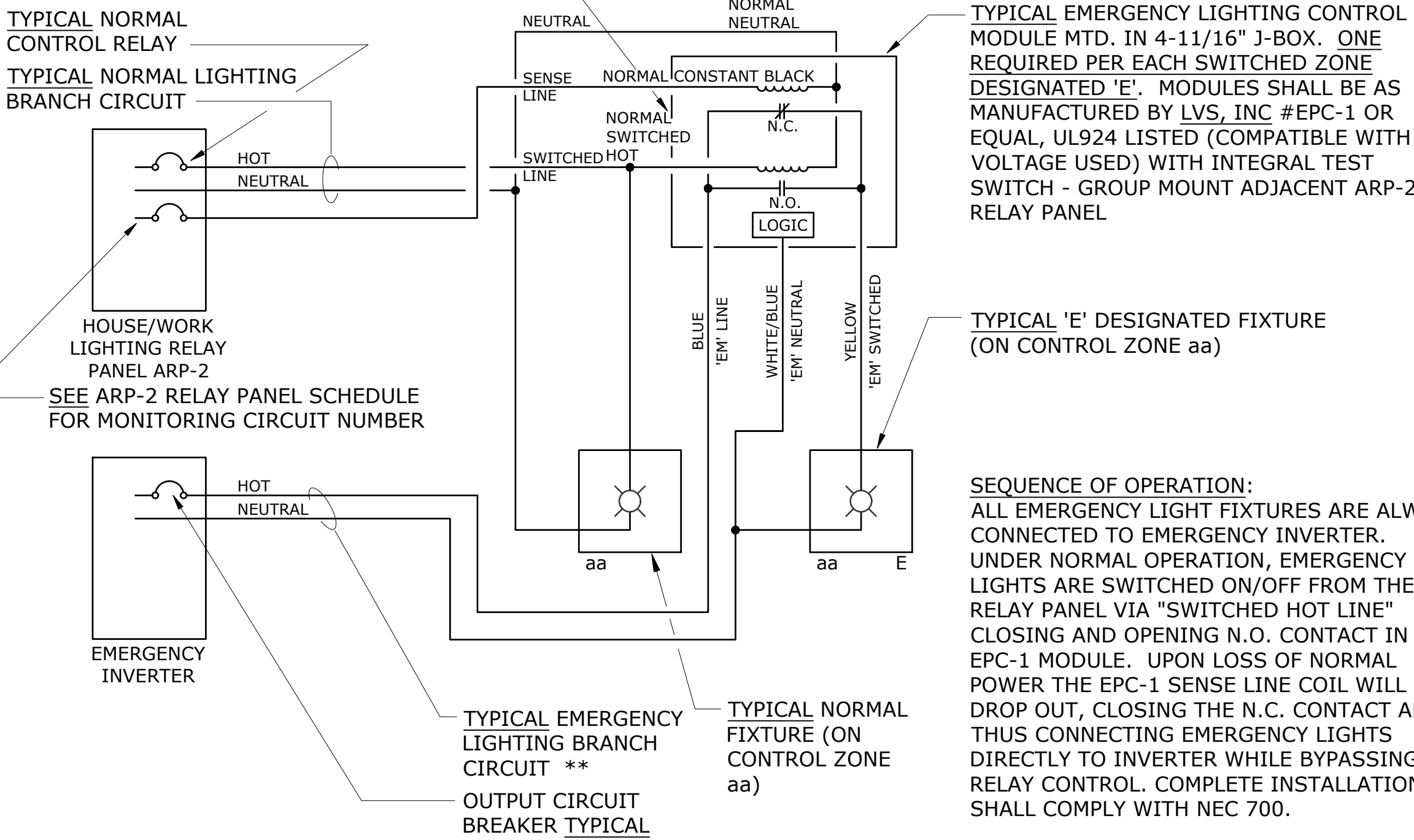
** ALL EMERGENCY SOURCE CIRCUITS SHALL BE INSTALLED IN SEPARATE RACEWAYS (FROM NORMAL POWER), PER 2016 NEC 700.10(B), OR APPLICABLE CODE AT THE TIME OF PERMITTING.

EMERGENCY LIGHTING CONTROL MODULE WIRING DIAGRAM FOR HOUSE/WORK LIGHTING RELAY PANEL ARP-2 CONTROLLED EMERGENCY (AND NORMAL FIXTURES)

SCALE: NONE
FILE: L:\DETAILS\LIGHT\LTG CONTROL\LLC002A-HORIZ

1
E-5.4

PROVIDE (1) EMERGENCY LIGHTING CONTROL MODULE PER EACH LOW VOLTAGE RELAY CIRCUITS INDICATED WITH ASTERISK* ON RELAY PANEL ARP-2 SCHEDULE OR AS NOTED ON E-2.1 AND E-2.2



NORMAL AND EMERGENCY LIGHTING STATUS

NORMAL POWER LINE IN	RELAY "a" STATUS	NORMAL "a" LIGHTING	EMERGENCY LIGHTING
120VAC	ON	ON	ON
120VAC	OFF	OFF	OFF
UNAVAILABLE	EITHER	OFF (NO POWER)	ON


- NOTES:
- SCHEMATIC SHOWN IN DE-ENERGIZED STATE (NORMAL POWER UNAVAILABLE).
 - SEE LOW VOLTAGE RELAY PANEL SCHEDULE ON SHEET E5.2 FOR RELAYS REQUIRING FIELD LOCATED EMERGENCY LIGHTING CONTROL MODULES (SYMBOL EC IN RECTANGLE ON PLANS).

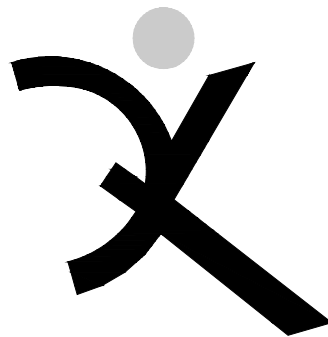
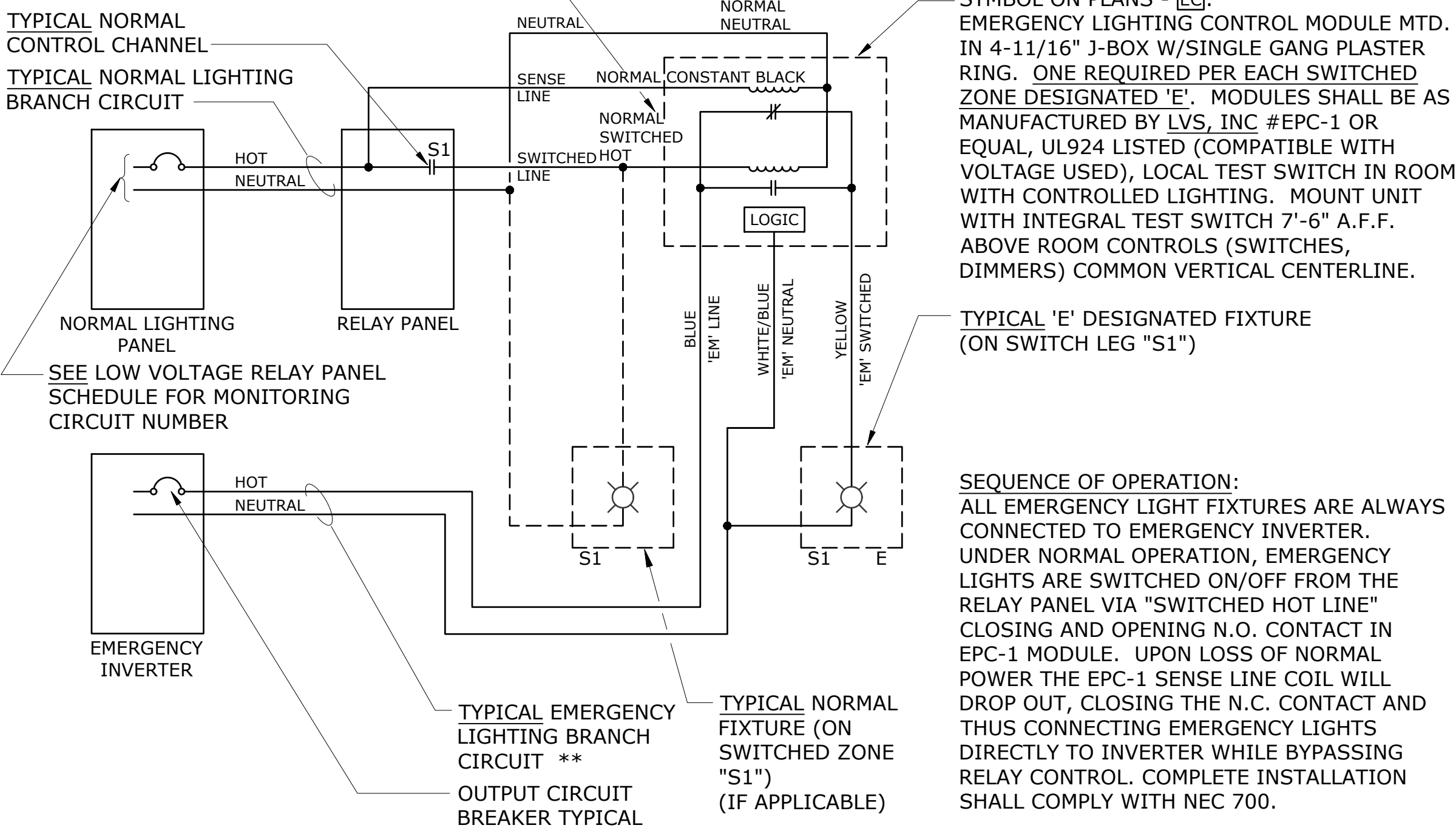
** ALL EMERGENCY SOURCE CIRCUITS SHALL BE INSTALLED IN SEPARATE RACEWAYS (FROM NORMAL POWER), PER 2014 NEC 700.10(B), OR APPLICABLE CODE AT THE TIME OF PERMITTING.

EXTERIOR EMERGENCY LIGHTING CONTROL MODULE WIRING DIAGRAM

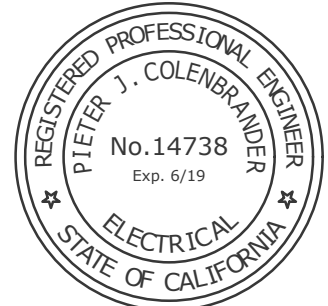
SCALE: NONE
FILE: L:\DETAILS\LIGHT\LTG CONTROL\LLC002A-HORIZ (MODIFIED FOR 218030)

2
E-5.4

PROVIDE (1) EMERGENCY LIGHTING CONTROL MODULE  PER EACH LOW VOLTAGE RELAY IDENTIFIED BY ASTERISK ON LV RELAY PANEL SCHEDULE, SHEET E5.2



QUATTROCCHI KWOK
ARCHITECTS
Main Office:
636 Fifth Street, Santa Rosa, CA 95404
Pleasanton Office:
600 Main Street, Suite E,
Pleasanton, CA 94566
(707) 576-0829



SAN MARIN HIGH SCHOOL

PERFORMING ARTS BUILDING

15 SAN MARIN DR
NOVATO, CA 94945

NOVATO UNIFIED SCHOOL DISTRICT

REVISIONS	

ARCH PROJECT NO: 1700.02
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PTN: 65417-138

100% CD

FEB 15, 2019

SHEET TITLE

HOUSE LIGHTING CONTROLS

SHEET NUMBER

E-5.4