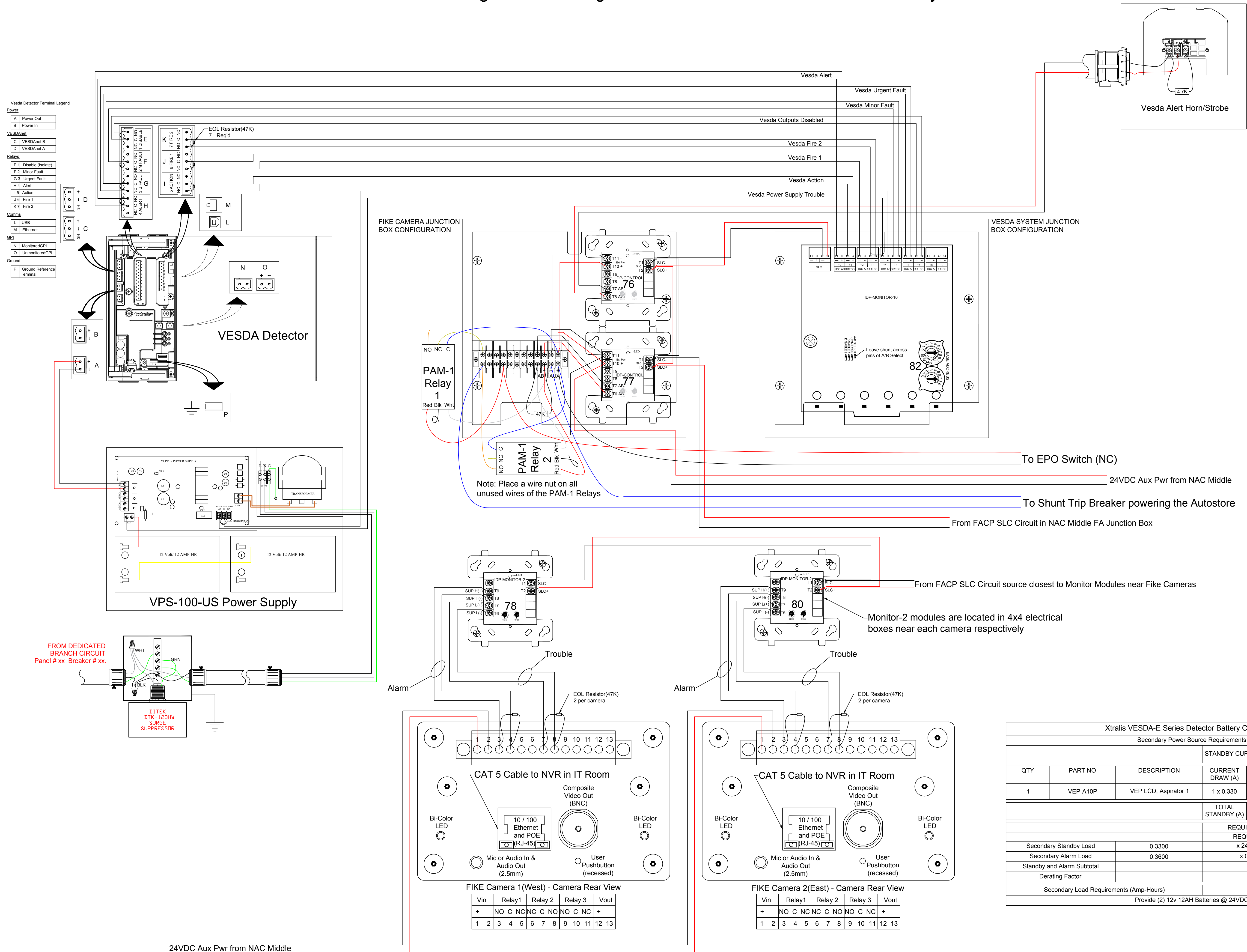


Partial Riser Diagram and wiring details of the Vesda and FIKE Camera Systems



TITLE: FIRE ALARM SYSTEM PLAN

SYSTEMS SPECIALISTS ONI
 432 US Hwy 72 Suite 3, Collierville, TN 38017
 (901)854-0510
 TN-C1472/QA-0358

This Fire Alarm System shall be installed in compliance with: NFPA72, 2013 ed, and all wiring shall comply with NFPA70, Article 760.

LAST REVISION: 2/18/2021
 BY: RGG
 CHECKED BY: PEH

Secondary Power Source Requirements						
		STANDBY CURRENT (AMPS)		SECONDARY ALARM CURRENT (AMPS)		
QTY	PART NO	DESCRIPTION	CURRENT DRAW (A)	TOTAL (A)	CURRENT DRAW (A)	TOTAL (A)
1	VEP-A10P	VEP LCD, Aspirator 1	1 x 0.330	= 0.330	1 x 0.168	= 0.360
			TOTAL STANDBY (A)	0.3300	TOTAL ALARM (A)	0.3600
REQUIRED STANDBY TIME = 24.00 HOURS						
REQUIRED ALARM TIME = 30 MINUTES						
Secondary Standby Load			0.3300	x 24.00	= 7.900 AH	
Secondary Alarm Load			0.3600	x 0.5	= 0.1800 AH	
Standby and Alarm Subtotal					8.080 AH	
Derating Factor					x 1.20	
Secondary Load Requirements (Amp-Hours)				9.696 AH		
Provide (2) 12v 12AH Batteries @ 24VDC						