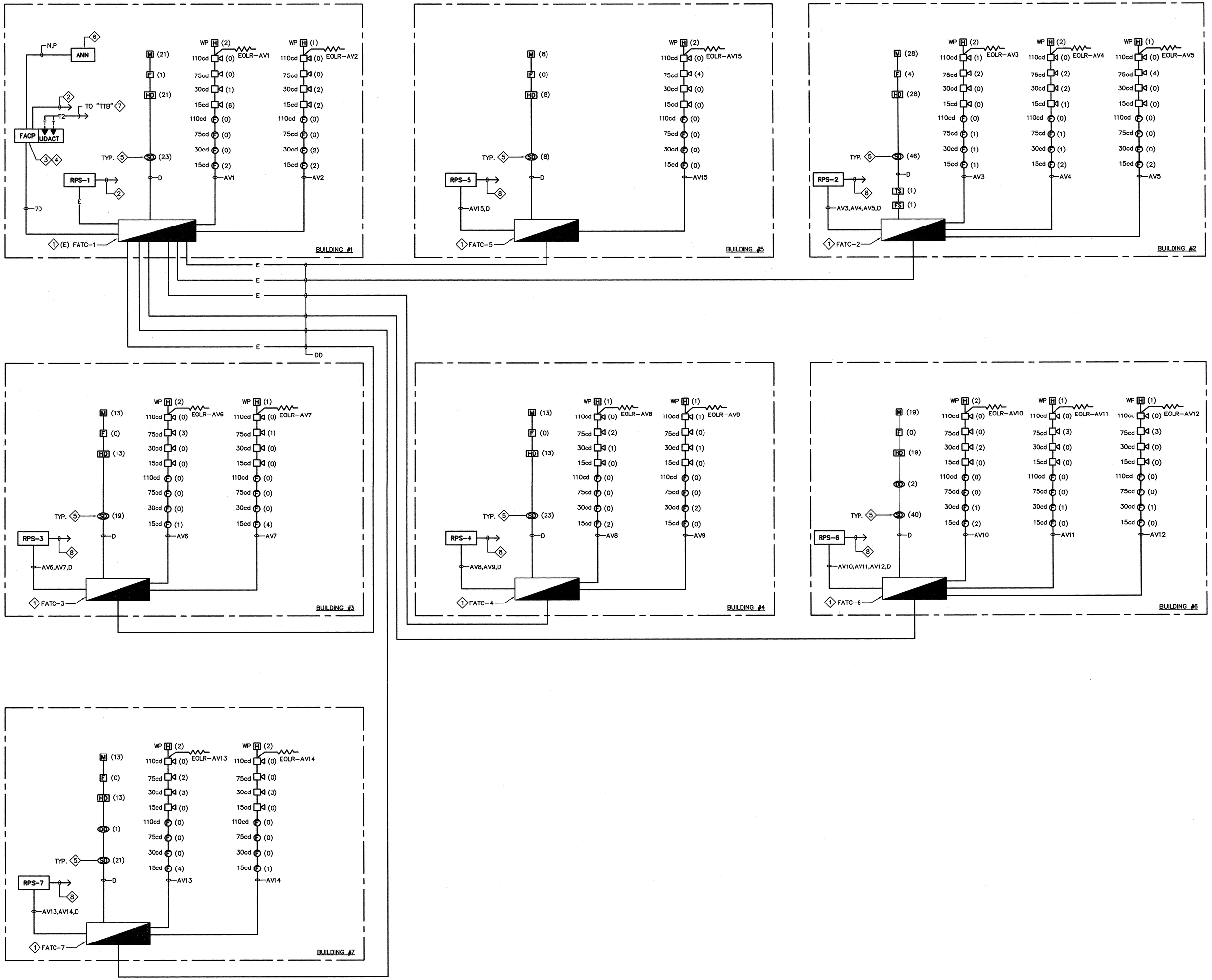

KEY NOTES

1. FIRE ALARM TERMINAL CABINET (FATC).
2. EXISTING DEDICATED 120V CIRCUIT.
3. DISCONNECT EXISTING CIRCUITS FROM REMOVED FACP AND RECONNECT TO NEW FACP.
4. PROVIDE (2) SIGNALING LINE CIRCUITS (SLC) AT FACP.
5. SEE FIRE ALARM FLOOR PLAN FOR CIRCUIT ASSIGNMENT. NUMERAL ADJACENT INDICATES QUANTITY OF DEVICES.
6. FIRE ALARM ANNUNCIATOR PANEL "ANN".
7. PROVIDE (2) PHONE LINES TO TELEPHONE TERMINAL BOARD FOR REMOTE MONITORING CONNECTIONS.
8. 3/4"C., 2#12 AND 1#2 GROUND TO DEDICATED CIRCUIT AND PROVIDE 120VAC, 20A, 1P CIRCUIT BREAKER WITH LOCK-ON DEVICE AND RED LABEL FOR (FIRE ALARM ONLY).

FIRE ALARM WIRE LEGEND

ABBREVIATION	DESCRIPTION	DEVICE/FUNCTION
AV	2 #12 THHN/THWN (PINK+ & GRAY-)	AUDIBLE/VISUAL NOTIFICATION DEVICES
D	18/2 NFPL, RED JACKET (WP#D975)	BLDG. INTERIOR SLC INTELLIGENT LOOP
DD	16/2 NFPL, RED JACKET (WP#A03245) [2]	BLDG. EXTERIOR & UNDERGROUND SLC INTELLIGENT LOOP
N	18/2 NFPL, RED JACKET (WP#D975)	REMOTE ANNUNCIATOR LOOP
P	2 #14 THHN/THWN (ORANGE+ & BLACK-)	24 VDC POWER
E	2 #14 THHN/THWN (YELLOW+ & BLUE-)	MONITOR/CONTROL

NOTES:

[1] NUMERAL ADJACENT TO SYMBOL INDICATES QUANTITY OF CIRCUITS. I.E. 2AV INDICATES 4#12

[2] UNDERGROUND CABLES SHALL BE WET LOCATION LISTED.

COMPLETE FIRE SYSTEM DESIGN SUBMITTAL PER CBC 2007 907.2.3

THE FIRE ALARM DESIGN IS CONFIGURED TO FULLY AUTOMATIC SYSTEM

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REGISTERED PROFESSIONAL ENGINEER REZON C. TONOTO Lic. E16934 Exp. 6-30-2011 ELECTRICAL STATE OF CALIFORNIA

Agency Approval

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APPL. 04-110031
AC / FLS SS
DATE NOV 24 2009

No.	Date	Revision/Issue
	12/08/08	DSA SUBMITTAL
	02/11/09	DSA SUBMITTAL
	5/11/09	DSA BACKCHECK
	12/15/2011	BID SET

Project Name

MUIR FUNDAMENTAL SCHOOL MODERNIZATION
1951 MABURY ST.
SANTA ANA, CA 92707

Checked By: RA
Drawn By: JHC

Sheet Title

FIRE ALARM RISER DIAGRAM

Sheet Number

E5.8

Project Number: 10021-010
Scale: NONE

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