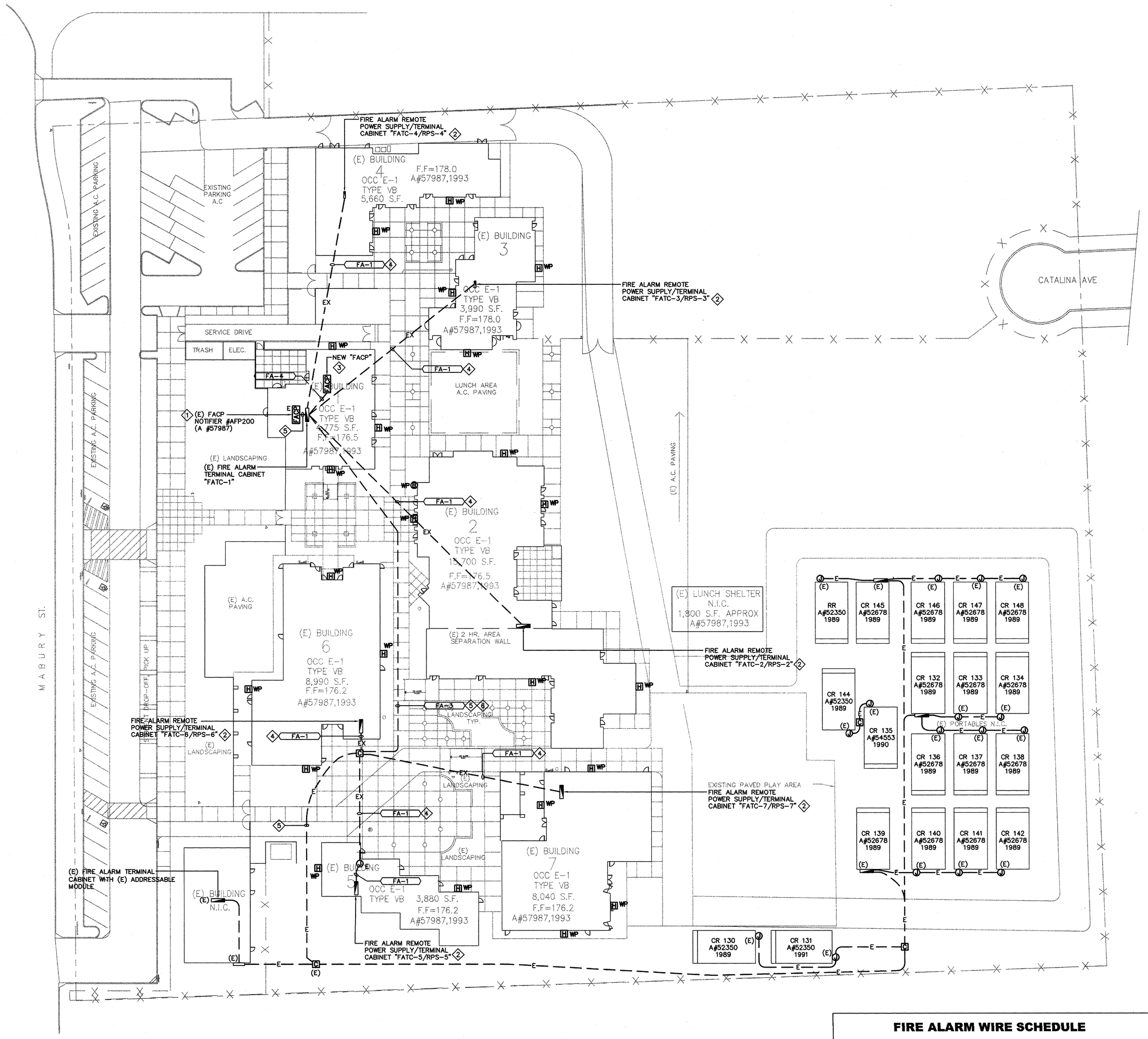

KEY NOTES

1. EXISTING FACP TO REMAIN.
2. FIRE ALARM PANEL, REMOTE POWER SUPPLY "RPS" AND TERMINAL CABINET "FATC" MOUNTING, REFER TO DETAIL 4 SHEET E7.1.
3. NEW FIRE ALARM CONTROL PANEL "FACP" REFER TO DETAIL 4 SHEET E7.1.
4. REWIRE EXISTING CONDUIT.
5. EXISTING 2"C, 10 #12 AND 16/2 NFPL (WP #AQ3245) TO REMAIN.
6. PULL IN NEW WIRES IN EXISTING 2" CONDUIT FROM (E)FATC-1 TO NEW RPS-5, 6 AND 7. REFER TO FIRE ALARM WIRE SCHEDULE BELOW FOR EXACT QUANTITY OF WIRES.

FIRE ALARM WIRE SCHEDULE

FEEDER DESIGNATION	CONDUIT QUANTITY	CONDUIT SIZE	CABLE	SYSTEM	REMARKS
FA-1	1	(E) 2"	4#12 THHN/THWN, WESTPENN #AQ975 & (4)-16/2 NFPL DATA LOOP (WESTPENN #AQC3245)	FIRE ALARM	
FA-2	1	(E) 2"	(2)-4#12 THHN/THWN, WESTPENN #AQ975 & (4)-16/2 NFPL DATA LOOP (WESTPENN #AQC3245)	FIRE ALARM	
FA-3	1	(E) 2"	(3)-4#12 THHN/THWN, WESTPENN #AQ975 & (4)-16/2 NFPL DATA LOOP (WESTPENN #AQC3245) AND (E) 8#12 THHN/THWN, WESTPENN #AQ925 & (1) - 16/2 NEPL	FIRE ALARM	
FA-4	1	2 1/2"	(6)-4#12 THHN/THWN, WESTPENN #AQ975 & (4)-16/2 NFPL DATA LOOP (WESTPENN #AQC3245)	FIRE ALARM	

COMPLETE FIRE SYSTEM DESIGN SUBMITTAL PER CBC 305.10

THE FIRE ALARM DESIGN IS CONFIGURED TO FULLY AUTOMATIC SYSTEM

FIRE ALARM SITE PLAN 1"=30'-0" 1

SANTA ANA UNIFIED SCHOOL DISTRICT

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LICENSED ARCHITECT GUILLERMO AGUILAR NO. C13165 REN.: MAY. 2011 STATE OF CALIFORNIA

Consultant and Seal

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REGISTERED PROFESSIONAL ENGINEER HECTOR C. IGNACIO JR. Lic. E16934 Exp. 6-30-2011 ELECTRICAL STATE OF CALIFORNIA

Agency Approval

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APPL. 04-110031
AC
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 SITE PLAN

Sheet Number

E1.3

Project Number: 10021-010
Scale: AS NOTED

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