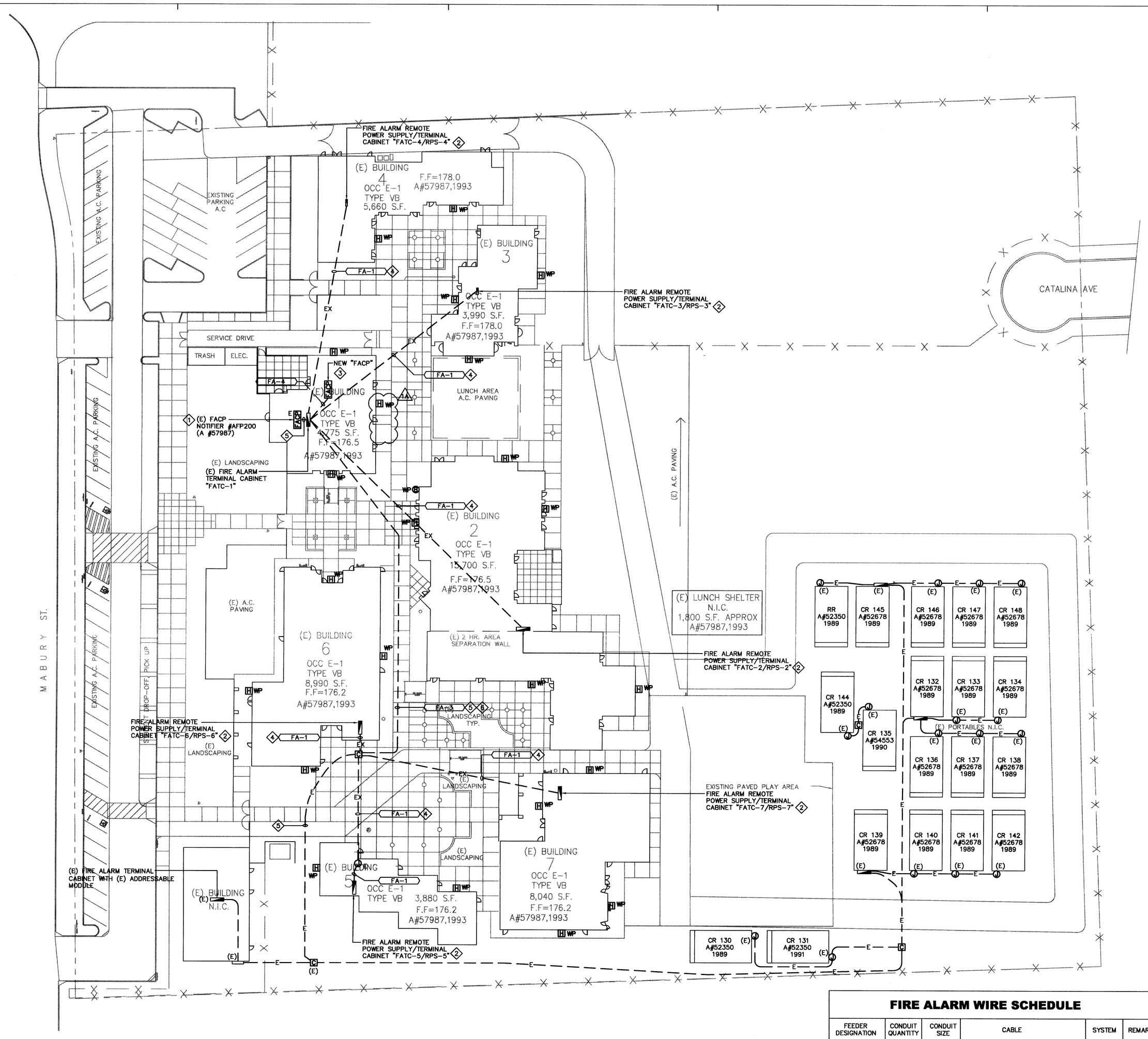

FIRE ALARM WIRE SCHEDULE

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	
FA-5	1	1"	4#12 THHN/THWN, WESTPENN #AQ975 & (4)-16/2 NFPL DATA LOOP (WESTPENN #AQC3245)	FIRE ALARM	

1A

N

FIRE ALARM SITE PLAN

1"=30'-0"

1

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. REMOVE EXISTING WIRING AND INSTALL NEW WIRES IN EXISTING CONDUIT.
5. EXISTING 2"C, 10 #12 AND 16/2 NFPL (WP #AQ3245) TO REMAIN. 1A
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.

COMPLETE FIRE SYSTEM DESIGN SUBMITTAL PER CBC 305.10

THE FIRE ALARM DESIGN IS CONFIGURED TO FULLY AUTOMATIC SYSTEM

SANTA ANA UNIFIED SCHOOL DISTRICT

gkkworks
2355 Main Street Suite 220
Irvine | CA 92614
949 250 1500
949 955 2708 fax

Architect Seal

LICENSED ARCHITECT GUILLERMO AGUILAR NO. C13165 REN.: MAY. 2013 STATE OF CALIFORNIA

Consultant and Seal

TTG • STRUCTURAL • MECHANICAL • ELECTRICAL • CIVIL
TMAD TAYLOR & GAINES
901 Via Piemonte, Suite 400
Ontario, California 91764
Phone: 909.477.6915 Fax: 909.477.6916
www.ttgcorp.com Project No. 2008.125.00

REGISTERED PROFESSIONAL ENGINEER MEHDI R. MOJDEHI JR. Lic. E16934 Exp. 6-30-2013 ELECTRICAL STATE OF CALIFORNIA

Agency Approval

IDENTIFICATION STAMP
DIV. OF THE STATE ARCHITECT
APPL. 04-110031
AC _____ FLS _____ SS _____
DATE _____

No.	Date	Revision/Issue
	12/08/08	DSA SUBMITTAL
	02/11/09	DSA SUBMITTAL
	5/11/09	DSA BACKCHECK
1A	12/15/2011	CONSTRUCTABILITY REVIEW

Project Name

MUIR FUNDAMENTAL SCHOOL MODERNIZATION

1951 MABURY ST.
SANTA ANA, CA 92707

Checked By	Drawn By
RA	JHC

Sheet Title

FIRE ALARM SITE PLAN

Sheet Number

E1.3

Project Number	Scale
10021-010	AS NOTED

©2012 gkkworks, All Rights Reserved
NO PART OF THE CONTENTS OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE WRITTEN PERMISSION OF GKKWORKS.

N:\20.CAD\TTG_Projects\2008\2008-125-00\Wpe\E1-3.dwg 01/19/2012