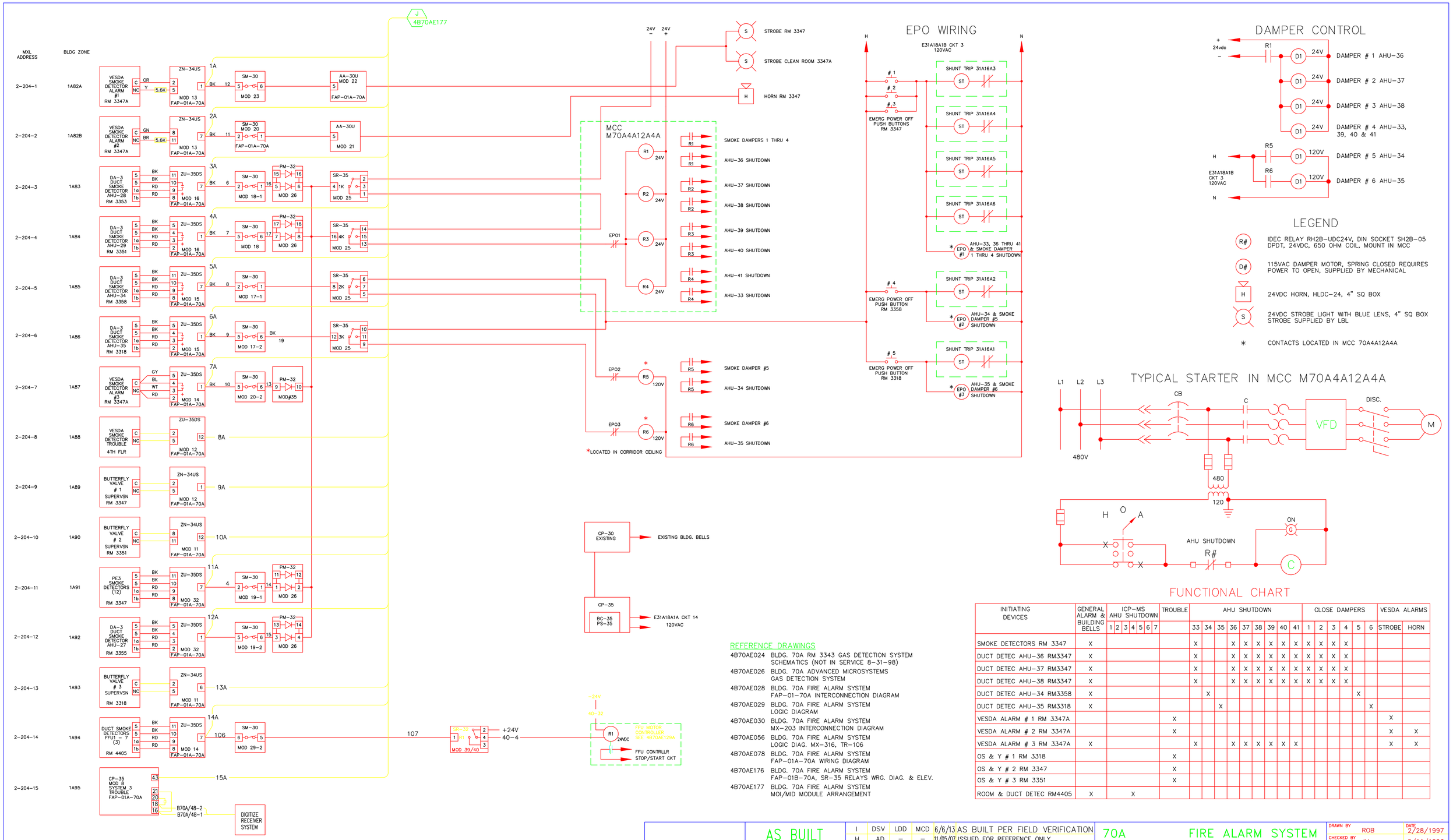

REFERENCE DRAWINGS

4B70AE024	BLDG. 70A RM 3343 GAS DETECTION SYSTEM SCHEMATICS (NOT IN SERVICE 8-31-98)
4B70AE026	BLDG. 70A ADVANCED MICROSYSTEMS GAS DETECTION SYSTEM
4B70AE028	BLDG. 70A FIRE ALARM SYSTEM FAP-01-70A INTERCONNECTION DIAGRAM
4B70AE029	BLDG. 70A FIRE ALARM SYSTEM LOGIC DIAGRAM
4B70AE030	BLDG. 70A FIRE ALARM SYSTEM MX-203 INTERCONNECTION DIAGRAM
4B70AE056	BLDG. 70A FIRE ALARM SYSTEM LOGIC DIAG. MX-316, TR-106
4B70AE078	BLDG. 70A FIRE ALARM SYSTEM FAP-01A-70A WIRING DIAGRAM
4B70AE176	BLDG. 70A FIRE ALARM SYSTEM FAP-01B-70A, SR-35 RELAYS WRG. DIAG. & ELEV.
4B70AE177	BLDG. 70A FIRE ALARM SYSTEM MOI/MID MODULE ARRANGEMENT

FUNCTIONAL CHART

INITIATING DEVICES	GENERAL ALARM & BUILDING BELLS	ICP-MS AHU SHUTDOWN							TROUBLE	AHU SHUTDOWN								CLOSE DAMPERS						VESDA ALARMS	
		1	2	3	4	5	6	7		33	34	35	36	37	38	39	40	41	1	2	3	4	5	6	STROBE	HORN
SMOKE DETECTORS RM 3347	X									X			X	X	X	X	X	X	X	X	X	X				
DUCT DETEC AHU-36 RM3347	X									X			X	X	X	X	X	X	X	X	X	X				
DUCT DETEC AHU-37 RM3347	X									X			X	X	X	X	X	X	X	X	X	X				
DUCT DETEC AHU-38 RM3347	X									X			X	X	X	X	X	X	X	X	X	X				
DUCT DETEC AHU-34 RM3358	X										X												X			
DUCT DETEC AHU-35 RM3318	X											X												X		
VESDA ALARM # 1 RM 3347A									X																X	
VESDA ALARM # 2 RM 3347A									X																X	X
VESDA ALARM # 3 RM 3347A	X									X			X	X	X	X	X	X							X	X
OS & Y # 1 RM 3318									X																	
OS & Y # 2 RM 3347									X																	
OS & Y # 3 RM 3351									X																	
ROOM & DUCT DETEC RM4405	X		X																							

REVISION NUMBER	DRAWN BY	CHECKED BY	APPR'D BY	DATE	REMARKS
I	DSV	LDD	MCD	6/6/13	AS BUILT PER FIELD VERIFICATION
H	AD	–	–	11/05/07	ISSUED FOR REFERENCE ONLY
G	AD	LDD	MCD	10/04/07	FIRE ALARM SYSTEM UPGRADE
F	MRC	AD	MCG	7/22/04	PHASE III FIRE ALARM SYSTEM UPGRADE
E	LDD	MCG	MCG	11/30/01	AS-BLT – 4403/4405 MODS
D	ROB	MCG	MCG	12/2/99	AS-BUILT
C	ROB	MCG	MCG	6/16/99	ADD NEW ELEVATOR RECALL CKTS

PROFESSIONAL SEAL (IF REVISION, APPLIES ONLY TO REVISED WORK)

ISSUE (PROGRESS, ESTIMATE, BID, CONSTRUCTION, CONFORMED, REVISION, RECORD)

AS BUILT
|
06/06/13

70A FIRE ALARM SYSTEM
LOGIC DIAGRAM AND DETAILS

UNIVERSITY OF CALIFORNIA
LAWRENCE BERKELEY NATIONAL LABORATORY
FACILITIES DIVISION

DRAWN BY	ROB	DATE 2/28/1997
CHECKED BY	JH	5/11/1993
APPROVED BY	RMG	5/11/1993
CAD FILE PATH		
SCALE	As Noted	
DRAWING NO.	4B70AE056I	SHEET
PROJECT NO.	FB4010	1 OF 1