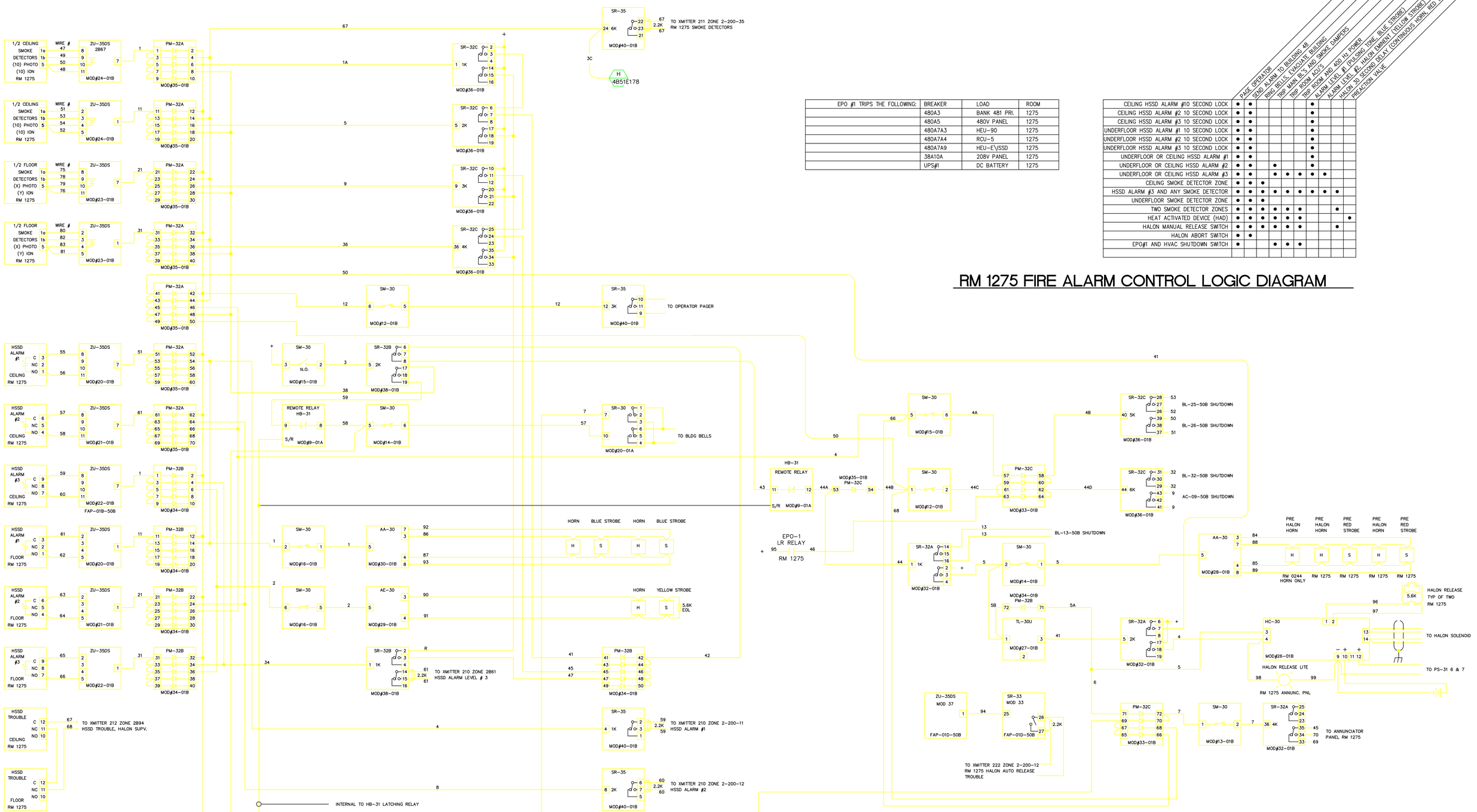
RM 1275 FIRE ALARM CONTROL LOGIC DIAGRAM



EPO #1 TRIPS THE FOLLOWING:	BREAKER	LOAD	ROOM
	480A3	BANK 481 PRI.	1275
	480A5	480V PANEL	1275
	480A7A3	HEU-90	1275
	480A7A4	RCU-5	1275
	480A7A9	HEU-E\SSD	1275
	38A10A	208V PANEL	1275
	UPS#1	DC BATTERY	1275

	PAGE OPERATOR	SEND ALARM TO BUILDING 48	RING BELLS, EVACUATE BUILDING	TRIP MAIN BR'S AND SMOKE DAMPERS	TRIP ROOM AOU'S	TRIP ROOM AND 400 Hz POWER	ALARM LEVEL #1 (PULSING TONE, BLUE STROBE)	ALARM LEVEL #2, HALON EMINENT (YELLOW STROBE)	HALON 30 SECOND DELAY (CONTINUOUS HORN, RED STROBE)	PREACTION VALVE
CEILING HSSD ALARM #10 SECOND LOCK	●	●					●			
CEILING HSSD ALARM #2 10 SECOND LOCK	●	●					●			
CEILING HSSD ALARM #3 10 SECOND LOCK	●	●					●			
UNDERFLOOR HSSD ALARM #1 10 SECOND LOCK	●	●					●			
UNDERFLOOR HSSD ALARM #2 10 SECOND LOCK	●	●					●			
UNDERFLOOR HSSD ALARM #3 10 SECOND LOCK	●	●					●			
UNDERFLOOR OR CEILING HSSD ALARM #1	●	●					●			
UNDERFLOOR OR CEILING HSSD ALARM #2	●	●		●			●			
UNDERFLOOR OR CEILING HSSD ALARM #3	●	●		●	●	●	●	●		
CEILING SMOKE DETECTOR ZONE	●	●	●							
HSSD ALARM #3 AND ANY SMOKE DETECTOR	●	●	●	●	●	●	●	●	●	
UNDERFLOOR SMOKE DETECTOR ZONE	●	●	●							
TWO SMOKE DETECTOR ZONES	●	●	●	●	●	●			●	
HEAT ACTIVATED DEVICE (HAD)	●	●	●	●	●	●				●
HALON MANUAL RELEASE SWITCH	●	●	●	●	●	●			●	
HALON ABORT SWITCH	●	●								
EPO#1 AND HVAC SHUTDOWN SWITCH	●			●	●	●				

REVISION NUMBER	DRAWN BY	CHECKED BY	APPR'D BY	DATE	REMARKS
F	LDD	LDD	MCD	05/13/13	AS BUILT PER FIELD VERIFICATIONS
E	AD	LDD	MCD	11/09/07	FIRE ALARM SYSTEM UP-GRADE
D	AD	MCG	MCG	2-7-05	PHASE III FIRE ALARM SYSTEM UP-GRADE
C	GMS	MCG	MCG	5-7-03	REMOVE KEY BYPASS SWITCH LED INDICATORS & AS BUILT
B	GMS	MCG	MCG	4/9/03	ADD HALON AUTO BYPASS KEYSWITCH AND LED INDICATORS
A	RZT	MCG	MCG	9/30/96	AS BUILT

50B NERSC MODIFICATIONS
SUPERCOMPUTER ROOM 1275
FIRE ALARM LOGIC

UNIVERSITY OF CALIFORNIA LAWRENCE BERKELEY LABORATORY
FACILITIES DEPARTMENT

DRAWN BY ROB	DATE 11/7/1996	
CHECKED BY ROB	7/24/1996	
APPROVED BY MCG	7/24/1996	
CAD FILE PATH		
SCALE As Noted		
DRAWING NO. 4B50BE168F	SHEET 1 OF 1	
PROJECT NO. FB4010		