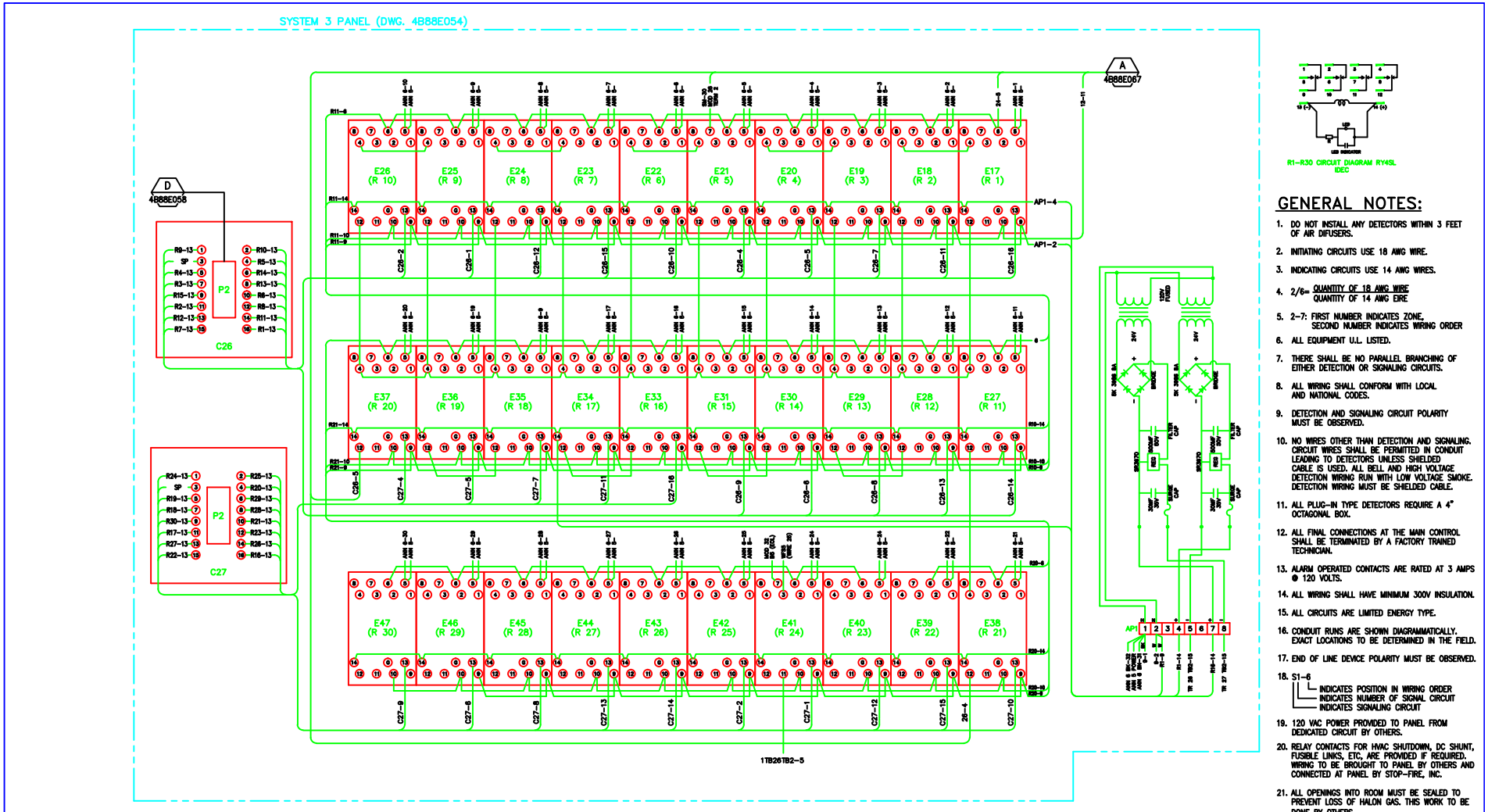

GENERAL NOTES:

1. DO NOT INSTALL ANY DETECTORS WITHIN 3 FEET OF AIR DIFUSERS.
2. INITIATING CIRCUITS USE 18 AWG WIRE.
3. INDICATING CIRCUITS USE 14 AWG WIRES.
4. 2/6= QUANTITY OF 18 AWG WIRE / QUANTITY OF 14 AWG EIRE
5. 2-7: FIRST NUMBER INDICATES ZONE, SECOND NUMBER INDICATES WIRING ORDER
6. ALL EQUIPMENT U.L. LISTED.
7. THERE SHALL BE NO PARALLEL BRANCHING OF EITHER DETECTION OR SIGNALING CIRCUITS.
8. ALL WIRING SHALL CONFORM WITH LOCAL AND NATIONAL CODES.
9. DETECTION AND SIGNALING CIRCUIT POLARITY MUST BE OBSERVED.
10. NO WIRES OTHER THAN DETECTION AND SIGNALING. CIRCUIT WIRES SHALL BE PERMITTED IN CONDUIT LEADING TO DETECTORS UNLESS SHIELDED CABLE IS USED. ALL BELL AND HIGH VOLTAGE DETECTION WIRING RUN WITH LOW VOLTAGE SMOKE. DETECTION WIRING MUST BE SHIELDED CABLE.
11. ALL PLUG-IN TYPE DETECTORS REQUIRE A 4" OCTAGONAL BOX.
12. ALL FINAL CONNECTIONS AT THE MAIN CONTROL SHALL BE TERMINATED BY A FACTORY TRAINED TECHNICIAN.
13. ALARM OPERATED CONTACTS ARE RATED AT 3 AMPS @ 120 VOLTS.
14. ALL WIRING SHALL HAVE MINIMUM 300V INSULATION.
15. ALL CIRCUITS ARE LIMITED ENERGY TYPE.
16. CONDUIT RUNS ARE SHOWN DIAGRAMMATICALLY. EXACT LOCATIONS TO BE DETERMINED IN THE FIELD.
17. END OF LINE DEVICE POLARITY MUST BE OBSERVED.
18. S1-6
    - INDICATES POSITION IN WIRING ORDER
    - INDICATES NUMBER OF SIGNAL CIRCUIT
    - INDICATES SIGNALING CIRCUIT
19. 120 VAC POWER PROVIDED TO PANEL FROM DEDICATED CIRCUIT BY OTHERS.
20. RELAY CONTACTS FOR HVAC SHUTDOWN, DC SHUNT, FUSIBLE LINKS, ETC, ARE PROVIDED IF REQUIRED. WIRING TO BE BROUGHT TO PANEL BY OTHERS AND CONNECTED AT PANEL BY STOP-FIRE, INC.
21. ALL OPENINGS INTO ROOM MUST BE SEALED TO PREVENT LOSS OF HALON GAS. THIS WORK TO BE DONE BY OTHERS.

REFERENCE DWGS:

4B88E054

DISTRIBUTION LIST:

2-ELECTRIC SHOP B76 (FILE I & II)
1-B90J (FILE III)
1-STICK FILE B90J
ORIGINAL-FLAT FILE B90F

REVISION NUMBER	DRAWN BY	CHECKED BY	APPROVED BY	DATE	REMARKS
D	LM		MCG	3-11-97	REDRAWN ON AUTOCAD

88 FIRE ALARM SYSTEM
SYS 3 PANEL #1 - RELAY INTERCONNECTION DIAGRAM

UNIVERSITY OF CALIFORNIA LAWRENCE BERKELEY LABORATORY
FACILITIES DEPARTMENT

DRAWN BY	LSR
DATE	11/01/84
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CAD FILE PATH	00001705
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SHEET	1 OF 1
PROJECT NO.	153794