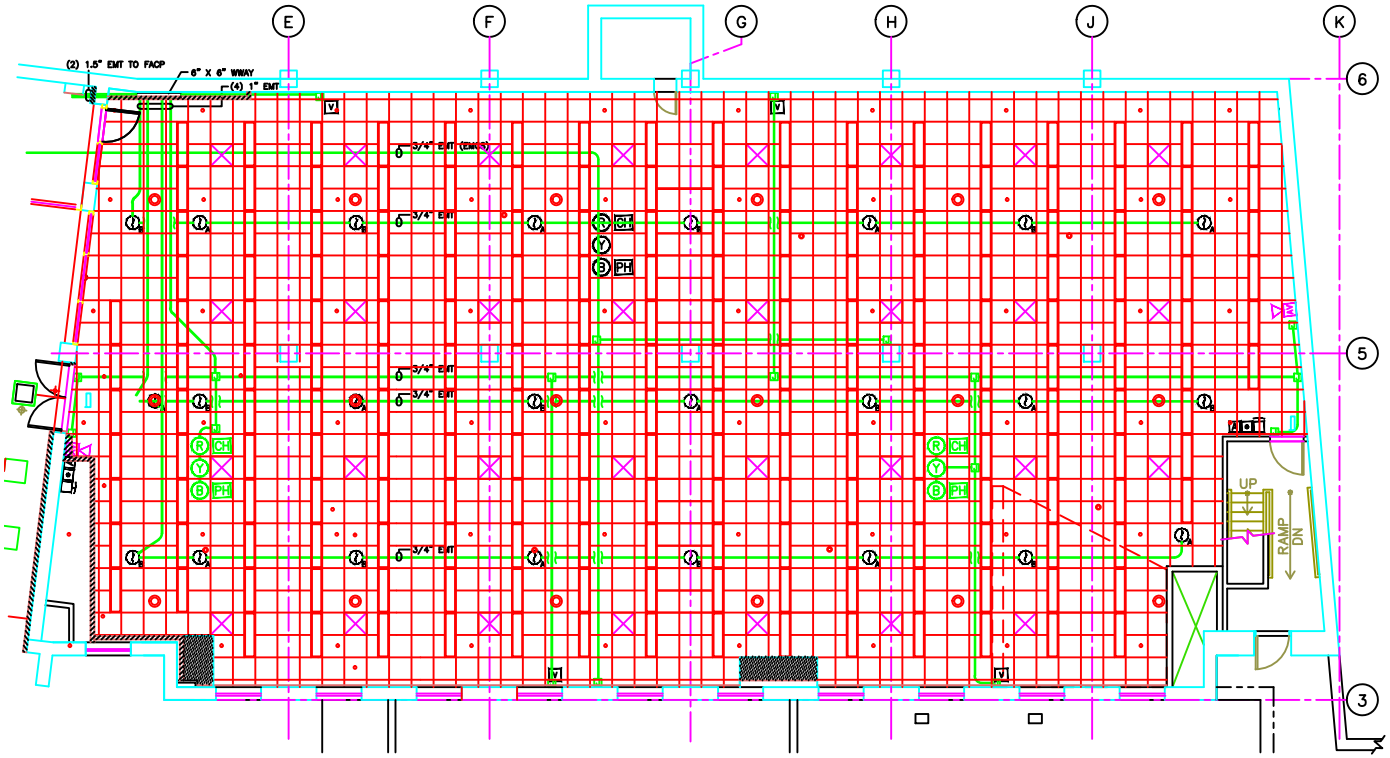


## GENERAL NOTES

1. FILL ALL PENETRATIONS THROUGH RATED CONSTRUCTION W/ U.L. APPROVED FIRE SEALANT / ASSEMBLY.
2. FOR CEILING DETAILS SEE SHT. A13.

## SHEET NOTES

1. INSTALL 4" SQ J-BOXES ON CONCRETE CEILING AND RUN 3/4" EMT HORIZONTAL BETWEEN THEM. RUN 1" EMT HOMERUNS TO 6" X 6" X 48" WIREWAY INSTALLED ABOVE T-BAR CEILING AS INDICATED.
2. INSTALL 4" SQ J-BOX ON CEILING OR WALL ABOVE AV, V & HALON BUTTON LOCATIONS. PIPE DOWN TO DEVICE MOUNTED ON WALL. INSTALL AV & V DEVICES 80" AFF, HALON SWITCHES 48" AFF.
3. INSTALL 3/4" FLEX DOWN TO T-BAR MOUNTED J-BOXES FROM CEILING MOUNTED BOXES FOR DETECTORS. INSTALL ALTERNATING PHOTO & IONIZATION DETECTORS WIRED TO ZONES INDICATED. WIRE (2) SMOKE DETECTOR ZONES BACK TO FACP IN 50B RM 0243.
4. INSTALL 4" SQ J-BOX ON CEILING ABOVE STROBE LIGHTS AND INSTALL 3/4" FLEX DOWN TO T-BAR MOUNTED J-BOXES FOR STROBES.
5. SMOKE DETECTORS TO BE IN SEPARATE CONDUITS FROM ALL OTHER DEVICES.
6. MOUNT (2) 8" X 12" CANS IN WALL BELOW 6" WIREWAY FOR CEILING AND FLOOR SMOKE DETECTOR LOCATION MAPS. INSTALL LEDS IN CLEAR PLASTIC, OVERLAID WITH ROOM 1275 PLAN TO REPRESENT ACTUAL LOCATION OF A SMOKE DETECTOR IN ALARM. VERIFY MAP OPERATION.
7. INSTALL (2) 4" SQ J-BOX ON CEILING FOR EMCS WHERE INDICATED AND RUN 3/4" EMT BACK TO FPU LOCATED IN OPERATORS ROOM.

## LEGEND

- SMOKE DETECTOR (ZONE A, CEILING)
- SMOKE DETECTOR (ZONE B, CEILING)
- V VISUAL BUILDING ALARM DEVICE (75 cd)
- AV AUDIO/VISUAL BUILDING ALARM DEVICE (75 cd)
- CH CONTINUOUS HORN (HALON 30 SECOND TIME DELAY)
- EMERGENCY POWER OFF BUTTON (EPO)
- PH PULSING CHIME (HSSD ALARM POINT #1)
- B BLUE STROBE (HSSD ALARM POINT #1)
- Y YELLOW STROBE (HSSD ALARM POINT #2)
- R RED STROBE (HALON 30 SECOND TIME DELAY)
- HALON MANUAL RELEASING STATION
- A HALON "DEAD-MAN" ABORT SWITCH
- 2' X 2' CEILING GRID
- AIR DIFFUSER
- 1' X 4' LIGHT FIXTURE
- SPEAKER
- HALON HEAD
- SPRINKLER HEAD
- EXIT SIGN

| REVISION NUMBER | DRAWN BY | CHECKED BY | APPV'D BY | DATE | REMARKS |
|---|---|---|---|---|---|
| B | ROB | ROB | MCG | 9/30/96 | AS BUILT |
| A | ROB | RB | MCG | 2/15/96 | ADD SMOKE DETECTORS |

# 50B NERSC MODIFICATIONS
# FIRST FLOOR SUPERCOMPUTER RM
# 1275 FIRE ALARM CEILING PLAN

UNIVERSITY OF CALIFORNIA LAWRENCE BERKELEY LABORATORY
FACILITIES DEPARTMENT

| | | |
|---|---|---|
| DRAWN BY | ROB | DATE 01/26/96 |
| CHECKED BY | ROB | 01/26/96 |
| APPROVED BY | MCG | 01/26/96 |
| CAD FILE PATH | C0001016 | |
| SCALE | As Noted | |
| DRAWING NO. | 4B50BE158B | SHEET E47 OF |
| PROJECT NO. | 120977 | |