

JUMPER @ MOD. LINE

TYPICAL GROUNDING DETAIL

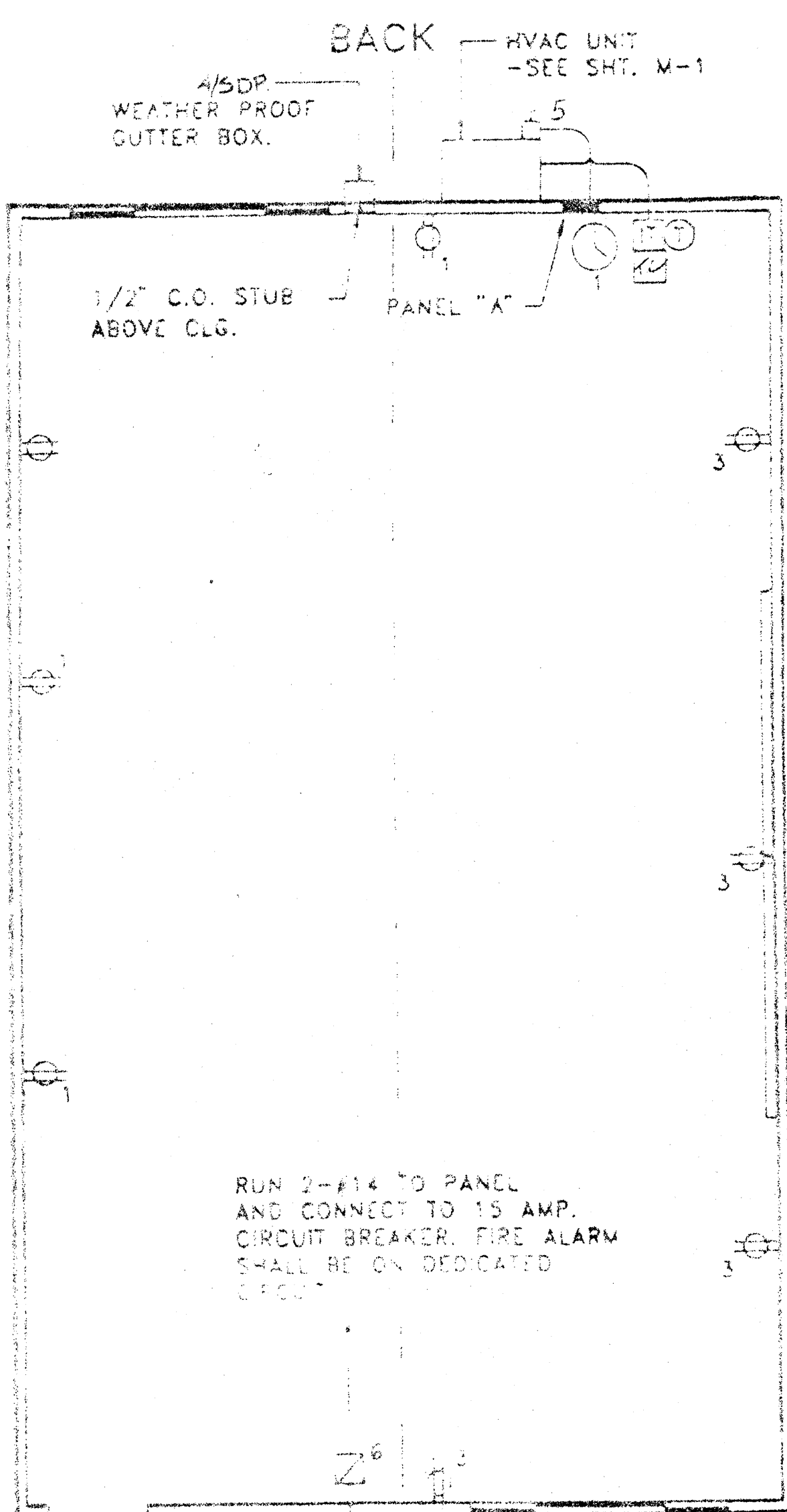
NOTES

- EACH BUILDING SHALL BE SEPARATELY GROUNDED WITH A 3/4" RD. x 6' COPPERCLAD STEEL GROUND ROD. WHERE ROCK BOTTOM IS ENCOUNTERED, ROD SHALL BE DRIVEN AT AN ANGLE NOT TO EXCEED 45 DEGREE'S FROM THE VERTICAL OR SHALL BE BURIED IN A TRENCH THAT IS AT LEAST 30" DEEP. (BY SITE ELECTRICAL)
- TESTING: TEST FOR RESISTANCE TO GROUND. IF RESISTANCE EXCEEDS 25 OHMS, INSTALL ADDITIONAL GROUND RODS SEPERATED AT LEAST 6'-0" UNTIL RESISTANCE IS REDUCED TO 25 OHMS OR LESS. (BY SITE ELECTRICAL)
- PROVIDE EQUIPMENT ANCHORAGE PER TITLE 24, TABLE 2-23J, PART B.
- APPROVAL OF THIS PLAN DOES NOT CONSTITUTE APPROVAL OF THIS FIRE ALARM FOR ALL SITES. THE FIRE ALARM SYSTEM AND/OR COMPONENTS MAYBE REQUIRED TO BE CHANGED DUE TO SITE LOCATION, EXISTING CONDITIONS OR INCOMPATIBLE COMPONENTS.

SYMBOLS LIST

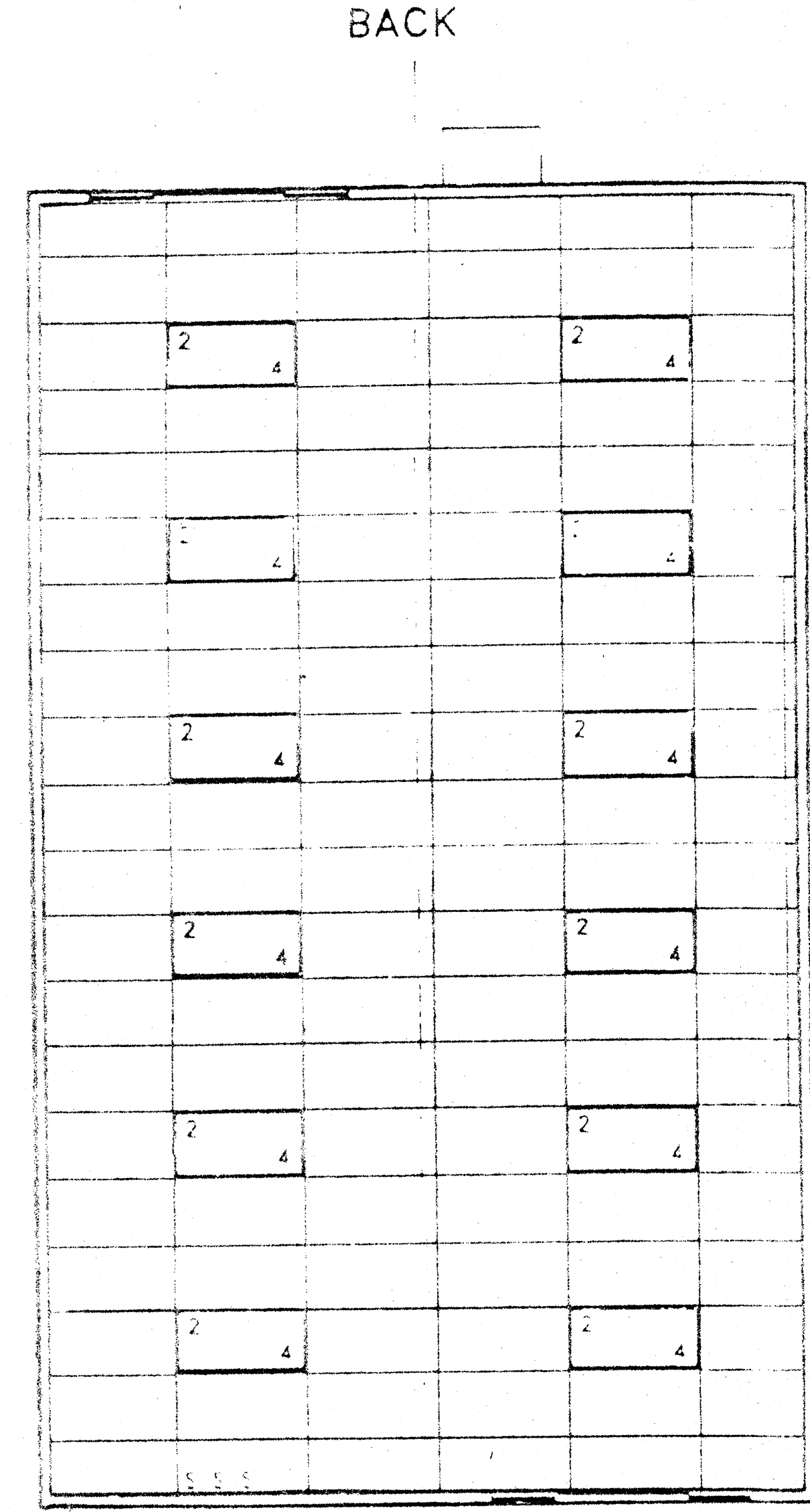
- 2 - TUBE FLUORESCENT LIGHT FIXTURE
- 4 - INCANDESCENT BRACKET LIGHT FIXTURE
- ⊙ - DUPLEX WALL RECEPTACLE, 15-A 125-V 3-WIRE GROUNDING TYPE (+18")
- ⊞ - SWITCH SINGLE POLE @ (+48")
- ⊞ - FIRE ALARM PULL STATION (+48")
- ⊞ - FIRE ALARM HORN (+8'-0")
- ⊞ - FUSED DISCONNECT SWITCH RAINLIGHT
- ⊙ - THERMOSTATE (LOCKED AUTOMATIC) (+48")
- ⊞ - 6 HR. INTERVAL BY-PASS TIMER.
- ⊙ - CLOCK (7'-0")
- ⊞ - TIME CLOCK (FLUORESCENT)

| PANEL FLUSH, NEMA 1, NQD | | | | MAIN CB 100-A | |
|----------------------------------|----------------|------------------------|------------|----------------|------------|
| VOLTAGE 120/240, 1-Ø, 60-Hz, 3-W | | | | BUS SIZE 100-A | |
| CIRC. NO. | OUTLETS | WATTAGE | CIRC. BACK | REMARKS | |
| | LTS REC OTHERS | Φ A Φ B Φ C | AMP POLE | | |
| 1 | 3 + Clock | 560 | 20 | | |
| 2 | 7 | 1064 | 20 | | |
| 3 | 4 | 720 | 20 | | |
| 4 | 7 | 1064 | 20 | | |
| 5 | HVAC | 4476 | 50 | | |
| 6 | FIRE ALARM | 180 | 15 | | |
| 7 | | 4476 | | | |
| 8 | | | | | |
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| 18 | | | | | |
| 19 | | | | | |
| TOTALS | | 6,280/6,260 | 12,540 | | 52.25 CON. |
| L.C.L. = 11,280 | | L.C.L. x 125% = 14,100 | | | |
| | | OTHER = 260 | | | |
| | | TOTAL = 15,360 | | 64.00-A | |



ELECTRICAL PLAN

SCALE: 1/4" = 1'-0"



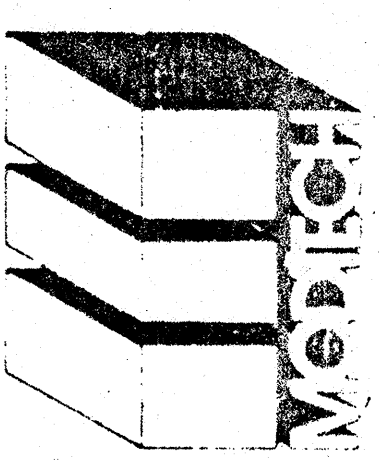
LIGHTING PLAN

SCALE: 1/4" = 1'-0"

O.S. TITLE 24
 IDENTIFICATION STAMP
 Department of General Services
 Architectural Safety Section
 1989
 REVISED 3E
 APPROVED
 SEP 19 1990

OFFICE OF THE STATE ARCHITECT
 ACCESS COMPLIANCE DIVISION
 APPLICATION PER M. JUD ROLES
 \$5032 SEP 19 90
 APPROVED
 FIRE AND PANIC ONLY
 SEP 19 1990
 STATE FIRE MARSHAL
 SOUTHLENN SECTION
 OCT 4 1989

MODTECH, INC.
 195 EAST MORGAN STREET
 PERRIS, CA. 92370 (714) 943-4014



MODTECH, INC. 1989
 TOTAL 153 640 DOLLARS
 MODTECH STANDARD
 24' x 40'
 RIGID FRAME
 RELOCATABLE
 CLASSROOM
 STOCKPILE 103

STKP-23
 BINDING ORDER 10
 6-22-89
 REV 12-7-89
4.0
 R02440B