NOTES

1. RELAYS SHOWN IN DE-ENERGIZED STATE
2. WIRING AND TERMINATION FROM INTERFACE RELAYS TO EXTERNAL EQUIPMENT TO BE DONE BY OTHERS.
3. CABLE TERMINATION AND EOL RESISTOR TO BE INSTALLED AND TESTED BY SECURITY CONTRACTOR ON TERMINAL STRIP LOCATIONS DESIGNATED BY EH&S.
4. ALL WIRES, CABLES AND RELAYS SHALL BE CLEARLY LABELED.
5. INSTALL 1N4148 OR EQUIVALENT DIODE ACROSS RELAY COIL AS SHOWN (3 EA.).
6. THE INTERFACE RELAYS, TERMINAL BLOCKS AND MOUNTING BOX SHALL BE PROVIDED AND INSTALLED AS PART OF THE PROJECT. THE KEYS SHALL BE TURNED OVER TO THE EH&S X-RAY SAFETY OFFICER UPON COMPLETION. RESPONSIBILITY FOR THE INTERFACE RELAYS AND ENCLOSURE SHALL BE WITH EH&S.
7. RELAYS SHALL BE IDEC MODEL RU2S-C-D24 (3 EA.):
   - DPDT
   - NON-POLARIZED GREEN LED INDICATOR
   - MECHINICAL FLAG INDICATOR
   - NO MANUAL LATCHING LEVER
   - 24VDC COIL
8. SOCKETS SHALL BE IDEC MODEL SM2S-05 (3 EA.).
9. SOCKETS AND TERMINAL BLOCKS SHALL BE MOUNTED TO IDEC PART NUMBER BNDN1000 DIN RAIL AS SHOWN.
10. TERMINAL BLOCKS SHALL CONSIST OF IDEC MODEL:
    - BNH10W (6 EA.)
    - BNL-5 DIN RAIL STOPS (2 EA.)
    - BNDE15W END PLATE (1 EA.)
11. INTERFACE RELAY ENCLOSURE SHALL BE A HOFFMAN SMALL TYPE 1:
    - ENCLOSURE PART NUMBER A-8N84 8"X8"X4"
    - MOUNTING PANEL PART NUMBER A-8N8P 6.25"X6.25"
    - 3.5" MINIMUM CLEARANCE FROM MOUNTING PANEL TO COVER.
12. LED'S SHALL BE 0.250" DIA PANEL MOUNT WITH MOUNTING CLIP, 24VDC, GREEN
    DATA DISPLAY PRODUCTS OR EQUAL
    PART NUMBER 405-BG28H-NGOPER
    LBNL STOCK # 6240-62561

5 **TYPICAL X-RAY - NOTES**
NONE

LBNL ELECTRICAL STANDARDS
SECURITY CARD ACCESS
TYPICAL X-RAY - NOTES

UNIVERSITY OF CALIFORNIA LAWRENCE BERKELEY NATIONAL LABORATORY
FACILITIES DIVISION

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