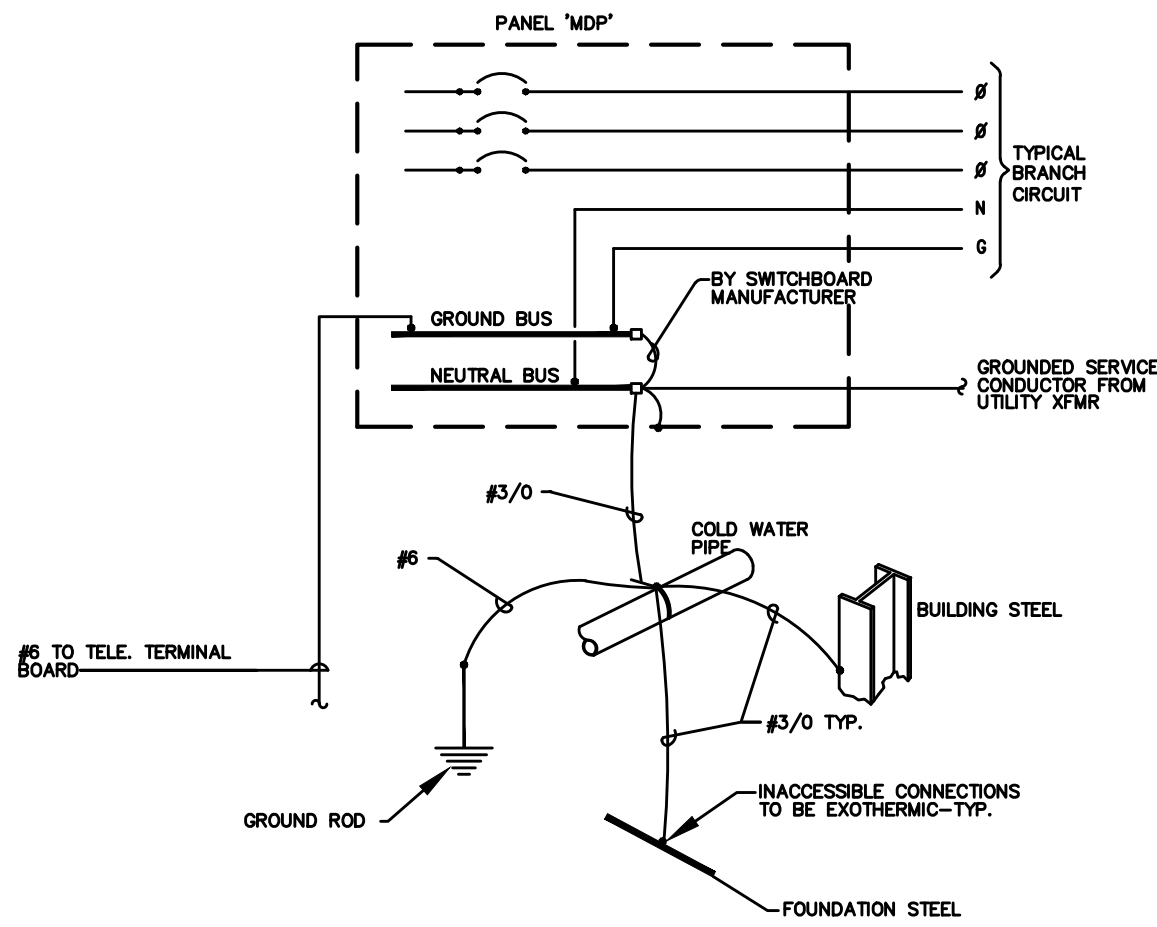
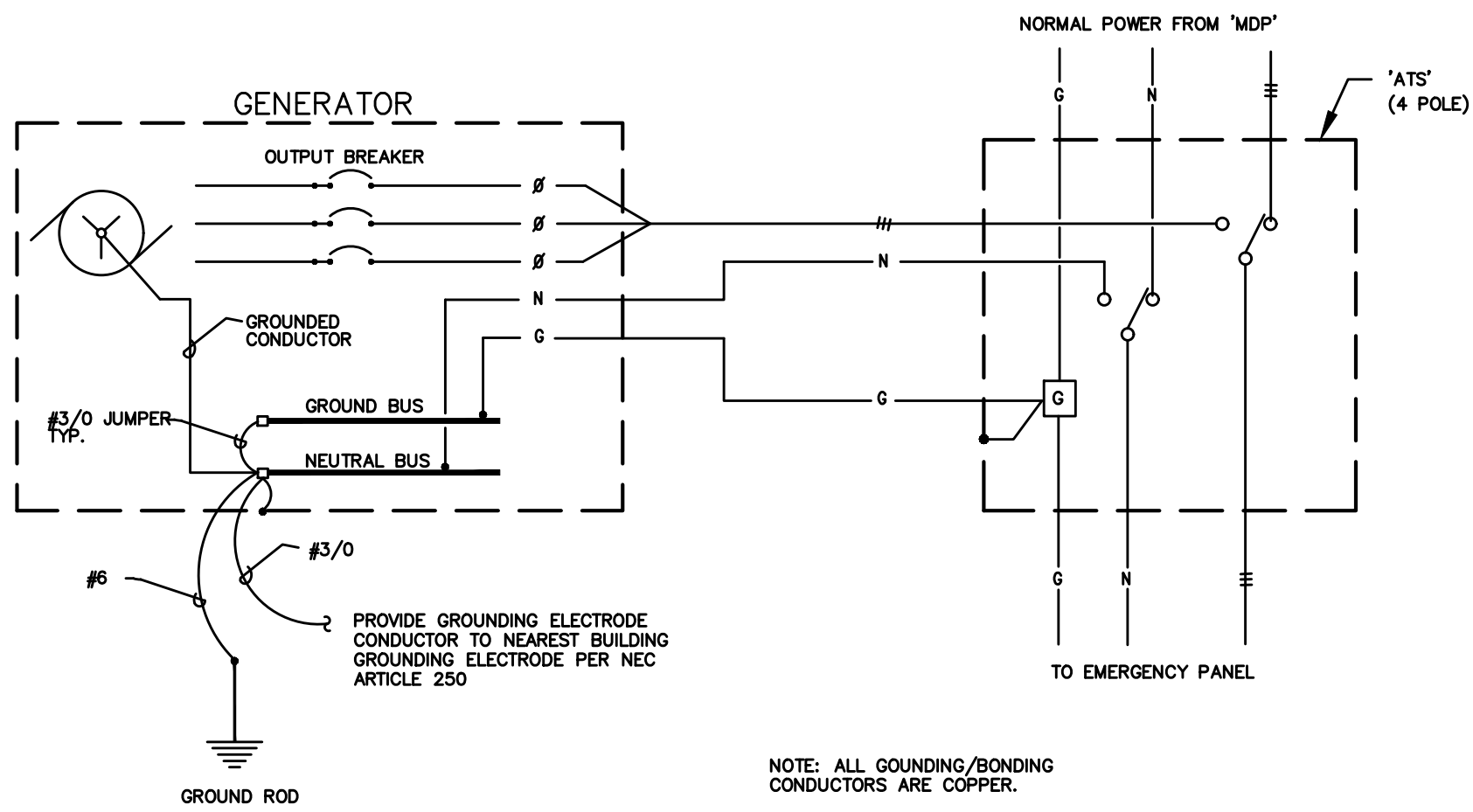
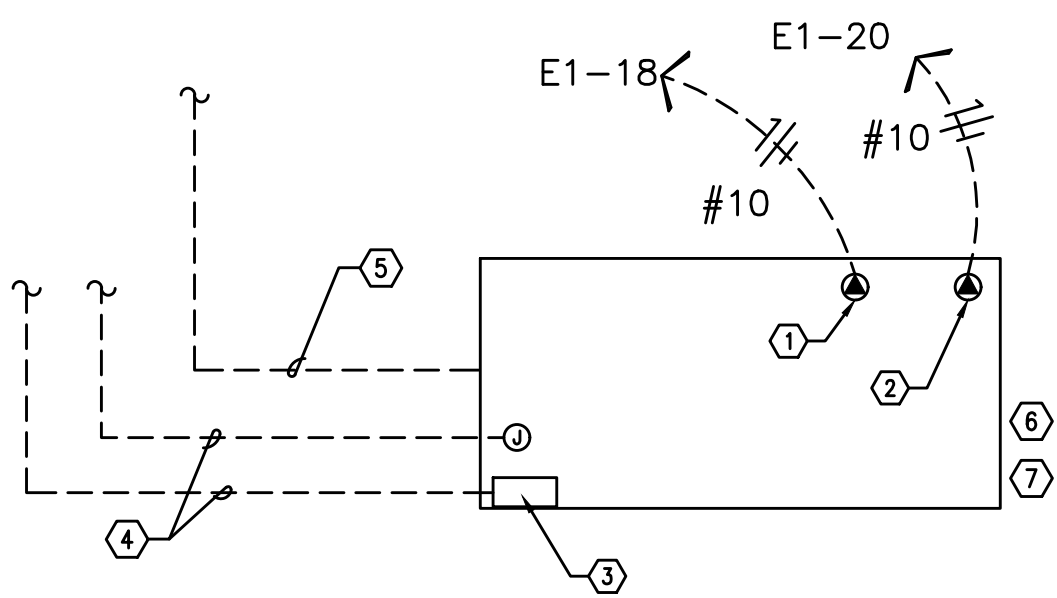




1 GROUNDING/BONDING DIAGRAM
208Y/120V, 3ø, 4 WIRE

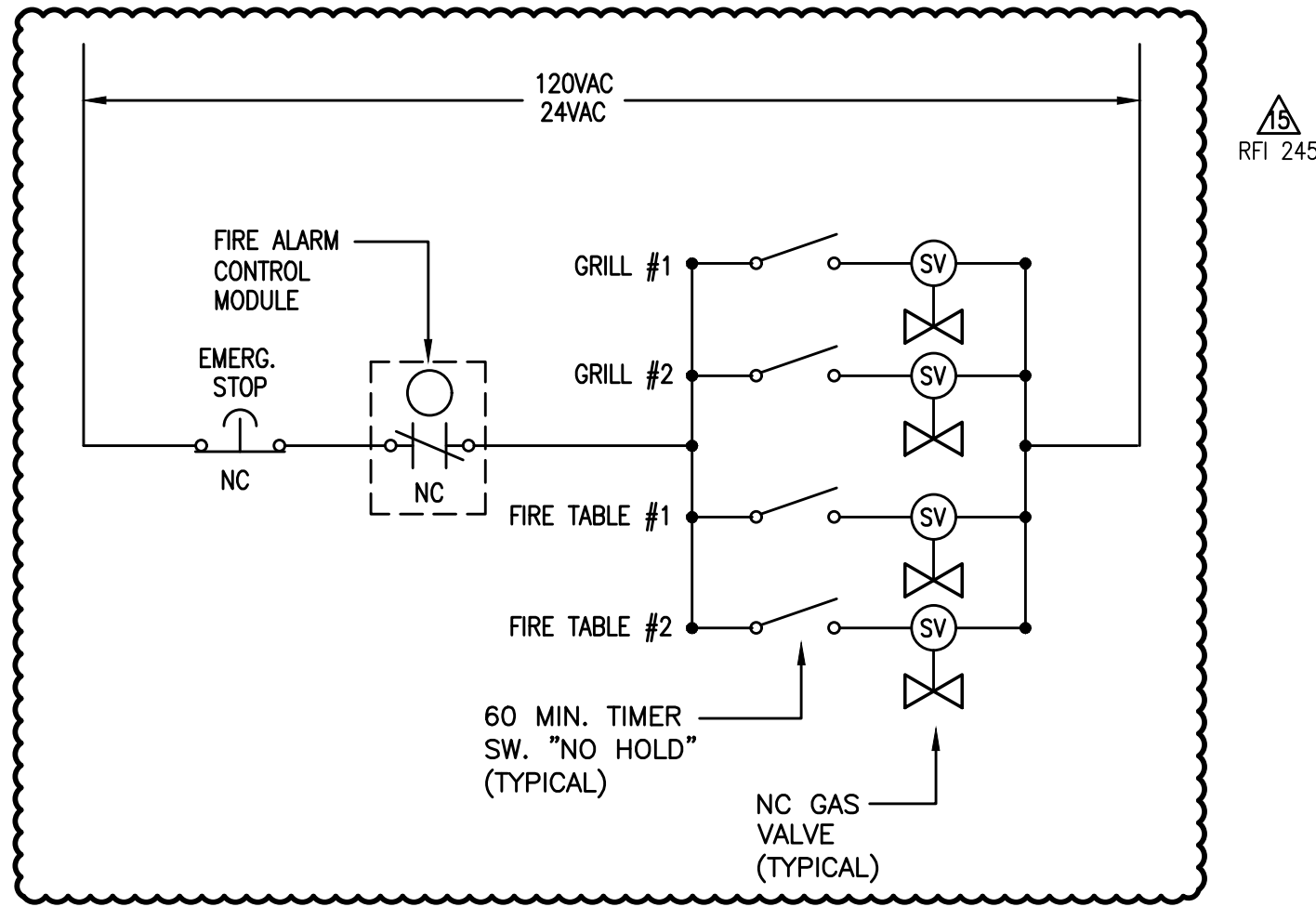


2 GENERATOR - ELECTRICAL GROUNDING/BONDING DETAIL
NO SCALE

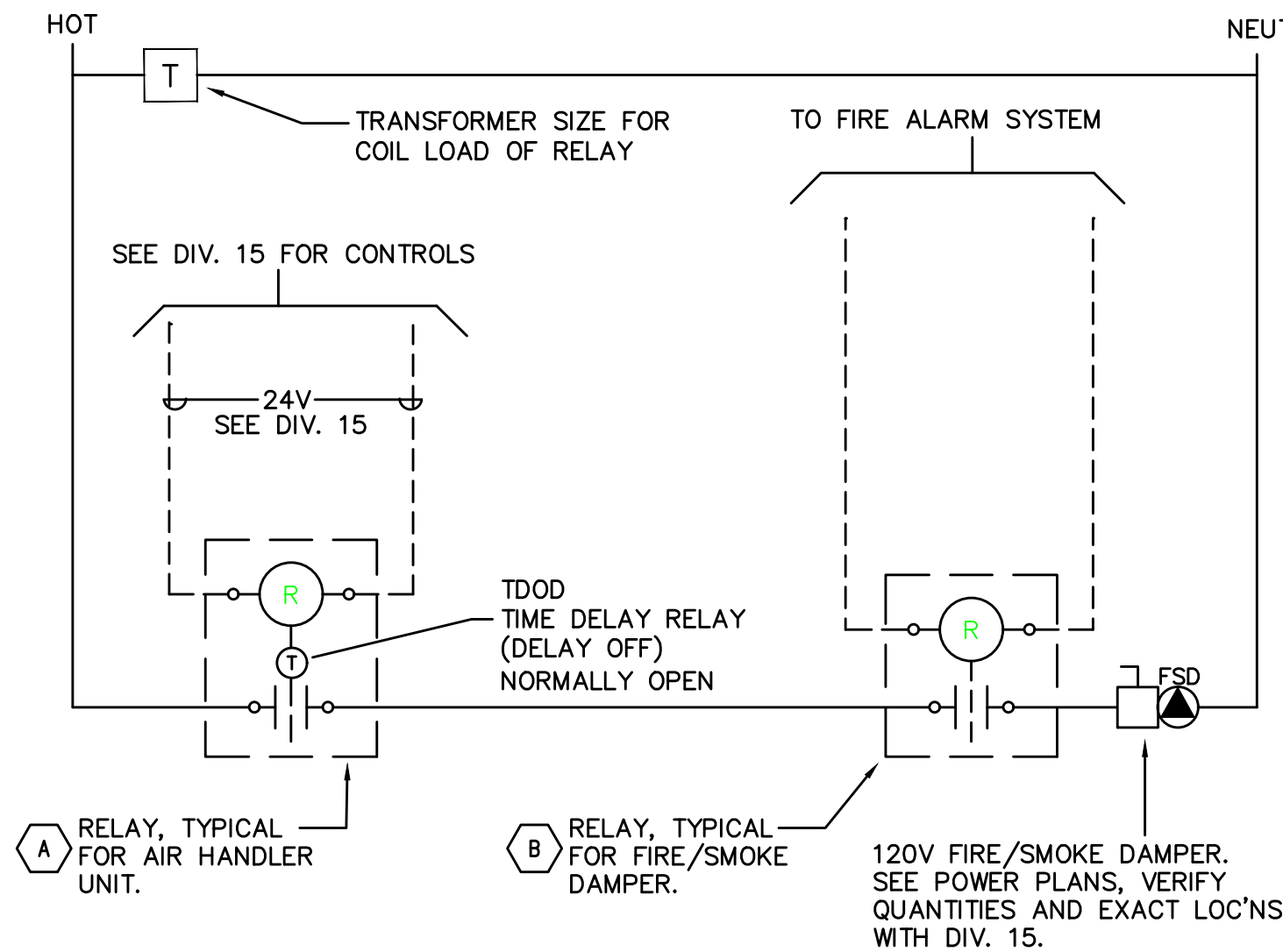


3 GENERATOR CIRCUITING DETAIL
NO SCALE

- NOTES:
- 120V GENERATOR BLOCK HEATER. PANEL E1 AT BUILDING 'B'.
 - 120V GENERATOR BATTERY CHARGER. PANEL E1 AT BUILDING 'B'.
 - GENERATOR OUTPUT BREAKER AND CONTROL SECTION. PANEL S1 AT BUILDING 'B'.
 - POWER AND CONTROL TO TRANSFER SWITCH WITH REMOTE ANNUNCIATOR. SEE ONE-LINE DIAGRAM ON SHEETS E1.11 & E1.14.
 - TO AUTOMATIC TRANSFER SWITCH. SEE E1.11 & E1.14.
 - DIESEL GENERATOR TO BE PROVIDED WITH DOUBLE-WALLED FUEL TANK AND SPILL CONTAINMENT PER ALL NATIONAL, STATE & LOCAL CODES.
 - DIESEL GENERATOR TANK SHALL BE EQUIPPED WITH OVERFILL PROTECTION (AUTO SHUTOFF), 5-GALLON INFILL SPILL BUCKET WITH DRAIN BACK, 12FT ABOVE GRADE TANK FUME VENTING AND ONSITE PRESSURE TESTING PER CITY REQUIREMENTS.



4 ROOFTOP GAS APPLIANCE EMERGENCY SHUT-OFF DIAGRAM
SCALE: NONE



5 SMOKE/FIRE DAMPER CONTROL DIAGRAM
NO SCALE

ADDRESSABLE DETECTOR CONTROL

- A RELAY TO BE 'NORMALLY OPEN'. TDOD (TIME DELAY ON DE-ENERGY) SET FOR 15 SECONDS. RELAY TO CLOSE UPON SIGNAL FROM HVAC CONTROL SYSTEM (ALLOWS DAMPER TO OPEN); DAMPERS TO CLOSE ON DE-ENERGIZE AFTER 15 SEC. TIME-OUT. PROVIDE WITH 20A CONTACTS AND COIL VOLTAGE AS REQ'D BY HVAC CONTROL SYSTEM. MOUNT RELAY IN NEMA 1 ENCLOSURE ADJACENT TO HVAC CONTROL PANEL.
- B RELAY TO BE 'NORMALLY ENERGIZED'. RELAY TO BE DE-ENERGIZED UPON SIGNAL FROM FIRE ALARM SYSTEM (ALLOWS DAMPERS TO CLOSE). PROGRAM FIRE ALARM SYSTEM FOR 15 SECOND DELAY BETWEEN SMOKE DETECTOR ACTIVATION AND FIRE/SMOKE DAMPER SHUTDOWN. PROVIDE WITH 20A CONTACTS AND COIL VOLTAGE AS REQ'D BY FIRE ALARM SYSTEM. MOUNT RELAY IN NEMA 1 ENCLOSURE ADJACENT TO FIRE/SMOKE DAMPER.

DETAIL MOVED TO SHEET E1.24