SINGLE PHASE OVERHEAD OR UNDERGROUND SERVICE (ALL IN ONE)

OVERHEAD SERVICE ENTRANCE RACEWAY

GROUNDED (NEUTRAL) SERVICE CONDUCTOR

WHERE NEUTRAL BUS IS INSULATED FROM THE ENCLOSURE, INSTALL A MAIN BONDING JUMPER OR SCREW

SERVICE DISCONNECT ENCLOSURE

NEUTRAL BUS

PULL SECTION

METAL WATER PIPING

OTHER METAL PIPING

BOLTED HUB OR SELF BONDING HUB

UNDERGROUND SERVICE ENTRANCE RACEWAY

BARE OR INSULATED GROUNDING ELECTRODE CONDUCTOR

CONNECTION TO ELECTRODE, CONNECT GROUNDING ELECTRODE CONDUCTOR TO GROUNDING ELECTRODE WITH LISTED GROUND CLAMP

GROUNDING ELECTRODE SYSTEM

WHERE METALLIC SERVICE RACEWAY IS INSTALLED WITH LOCKNUTS, INSTALL A GROUND BUSHING OR DEVICE AND BOND TO THE ENCLOSURE

GROUNDED (NEUTRAL) SERVICE CONDUCTOR

SEE NEC ARTICLE 250 FOR REFERENCE.