

617

# 120/240 VOLT, SINGLE-PHASE, THREE-WIRE UNDERGROUND ( NOT EXCEEDING 200 AMPERES )

RESIDENTIAL, COMMERCIAL & INDUSTRIAL APPLICATIONS  
OUTDOOR METER REQUIRED ON ALL NEW INSTALLATIONS

REVISED 4/07

THE GROUNDED SERVICE NEUTRAL CONDUCTOR CONNECTED TO THE NEUTRAL CONNECTOR IN THE METER SOCKET BONDS THE SOCKET TO THE SERVICE GROUNDING SYSTEM.

WHEN ALUMINUM CONDUCTORS ARE INSTALLED ALL CONNECTIONS IN THE METER SOCKET MUST BE PROPERLY COATED WITH AN INHIBITOR COMPOUND. IT IS HIGHLY RECOMMENDED TO USE THE INHIBITOR COMPOUND ON THE CONDUCTOR CONNECTIONS IN THE SERVICE DISCONNECT OR SERVICE PANELBOARD.

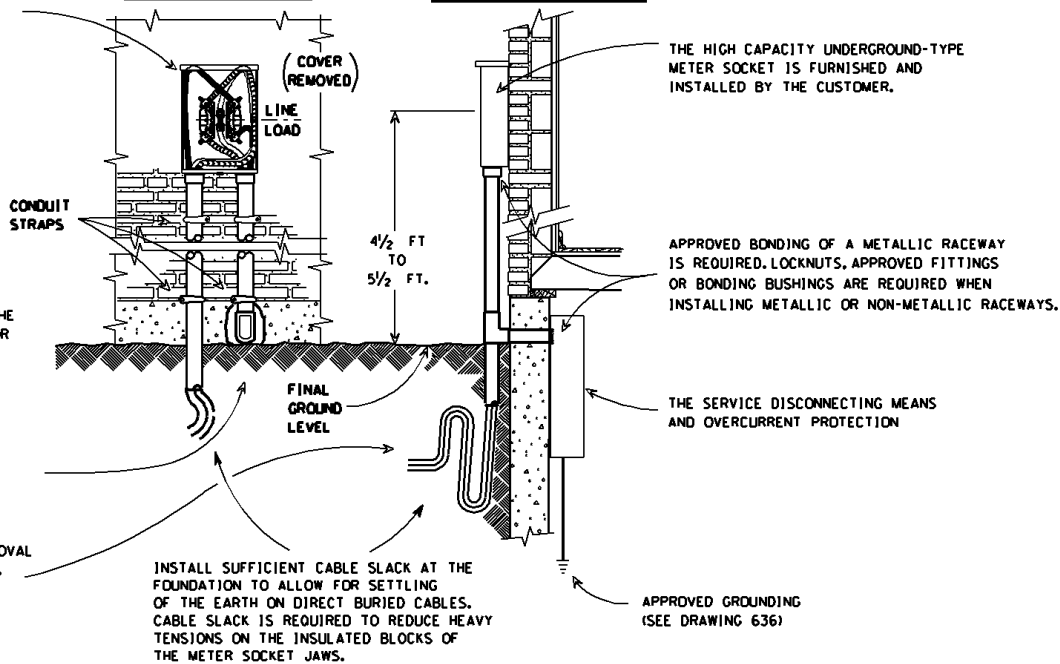
ALL SERVICE CONDUCTOR CONNECTIONS IN THE METER SOCKET AND SERVICE DISCONNECTS OR SERVICE PANELBOARDS MUST BE TORQUED TO THE MANUFACTURER'S SPECIFICATIONS LABEL FOUND ON THE EQUIPMENT.

THE HOLE WHERE THE SERVICE RACEWAYS OR SERVICE CABLES ENTER THE BUILDING MUST BE SEALED TO PREVENT WATER, RODENTS OR INSECTS FROM ENTERING THE BUILDING.

THE INSTALLATION REQUIREMENTS AND APPROVAL OF THE SERVICE LATERAL ( DEPTH, AMPACITY, TYPE, ETC. ) ARE UNDER THE JURISDICTION OF THE LAWFULLY-DESIGNATED ELECTRICAL INSPECTOR FOR THE GEOGRAPHICAL AREA.

## FRONT VIEW

## WALL SECTION



INSTALL SUFFICIENT CABLE SLACK AT THE FOUNDATION TO ALLOW FOR SETTLING OF THE EARTH ON DIRECT BURIED CABLES. CABLE SLACK IS REQUIRED TO REDUCE HEAVY TENSIONS ON THE INSULATED BLOCKS OF THE METER SOCKET JAWS.

(SEE ARTICLES 311 AND 312 ON UNDERGROUND SERVICE LATERALS)