

BLOCK AND HOUSE CABLE  
GROUNDING - USE OF GROUND CLAMPS

NOTES CONCERNING THIS ADDENDUM

This addendum supplements G53.150 and is being issued to provide instructions for making ground connections to water pipes buried in earth.

The cross-reference, "See Addendum," shall be written following Paragraph 3.05 to indicate the inclusion of additional information.

3. L GROUND CLAMP

3.06 The water pipe ground connection shall be located above ground whenever practicable. If, however, the L Ground Clamp is to be buried in earth, the connection shall be made as follows:

- (a) Place ground wire in trench not less than 18 inches deep, selecting a route as short as practicable to the water pipe.
- (b) Clean the water pipe at the point of attachment, using abrasive cloth or file to clean the contact surface. Do not use file on copper or brass tubing.
- (c) Place ground clamp around pipe and insert the ground wire in the proper loop. Care must be taken when placing ground clamps on copper or brass service pipes as they are easily dented or flattened.
- (d) In order to prevent corrosion, paint the connection with No. 2 asphalt paint. Apply two layers of friction tape and paint again with asphalt paint. The tape and paint shall completely cover all bare parts of the clamp and ground wire, extending along the water pipe at least 1 inch beyond the clamp in both directions.