

**BLOCK AND HOUSE CABLE
GROUNDING - GENERAL**

NOTES CONCERNING THIS ADDENDUM

This addendum is issued to standardize methods for bonding and grounding of house cable sheaths in order to provide suitable ringer and coin collector grounds. Also, to include instructions for grounding NH Cable Terminals.

The cross reference "See Addendum" should be marked at the following paragraphs. They should be treated as indicated:

- Paragraph 3.01 Supplemented
- Paragraph 4.01 Replaced

3. PROTECTED TERMINAL GROUND

3.01 NH16 and 26 Cable Terminals shall be grounded by running a No. 6 BRC Solid R Wire from the ground clamp on the terminal housing to the nearest cold water piping.

4. RINGER AND COIN COLLECTOR GROUNDS

4.01 House cable sheath ground: In order to assure suitable ringer and coin collector grounds, all house cables shall be bonded together and grounded in one of the following ways unless specified otherwise in detail plans. This bond and ground shall be located at the main building terminal or as near to it as practicable.

(a) Where the house cable sheath is, or can be, connected to a protector ground strip which has been grounded, such connection is adequate and no other direct connection to ground is required.

Note (1): When the LA Type Cable Terminal is used, no bond exists between the exposed cable sheath and the unexposed cable sheath. In such cases it is necessary to run a separate ground wire from the unexposed cable sheath, or if more convenient, to run a No. 14 Ground Wire between a 2A Ground Strip attached to the Binding Post Chamber and a 2A Ground Strip attached to the ground strip of the Fuse Chamber by means of the P290225 connector, the Fuse Chamber being grounded as described in Part 2 or Part 3.

- (b) Where the feeder cable and house cable sheaths are electrically continuous or can be made so and the feeder cable sheath is grounded, this ground is adequate and no other is required.
- (c) Where an underground unexposed feeder cable is separated from the house cable by an insulating splice or a terminal, no bond shall be placed around the splice or terminal. In this case, run a No. 6 BRC Solid R Wire from a point on the house cable sheath near the main building terminal to any point on permanent cold water piping.

Note (2): H type terminals unless equipped with backboards do not provide electrical separation between feeder and house cable sheaths since electrical continuity is maintained through the housing of the terminal.