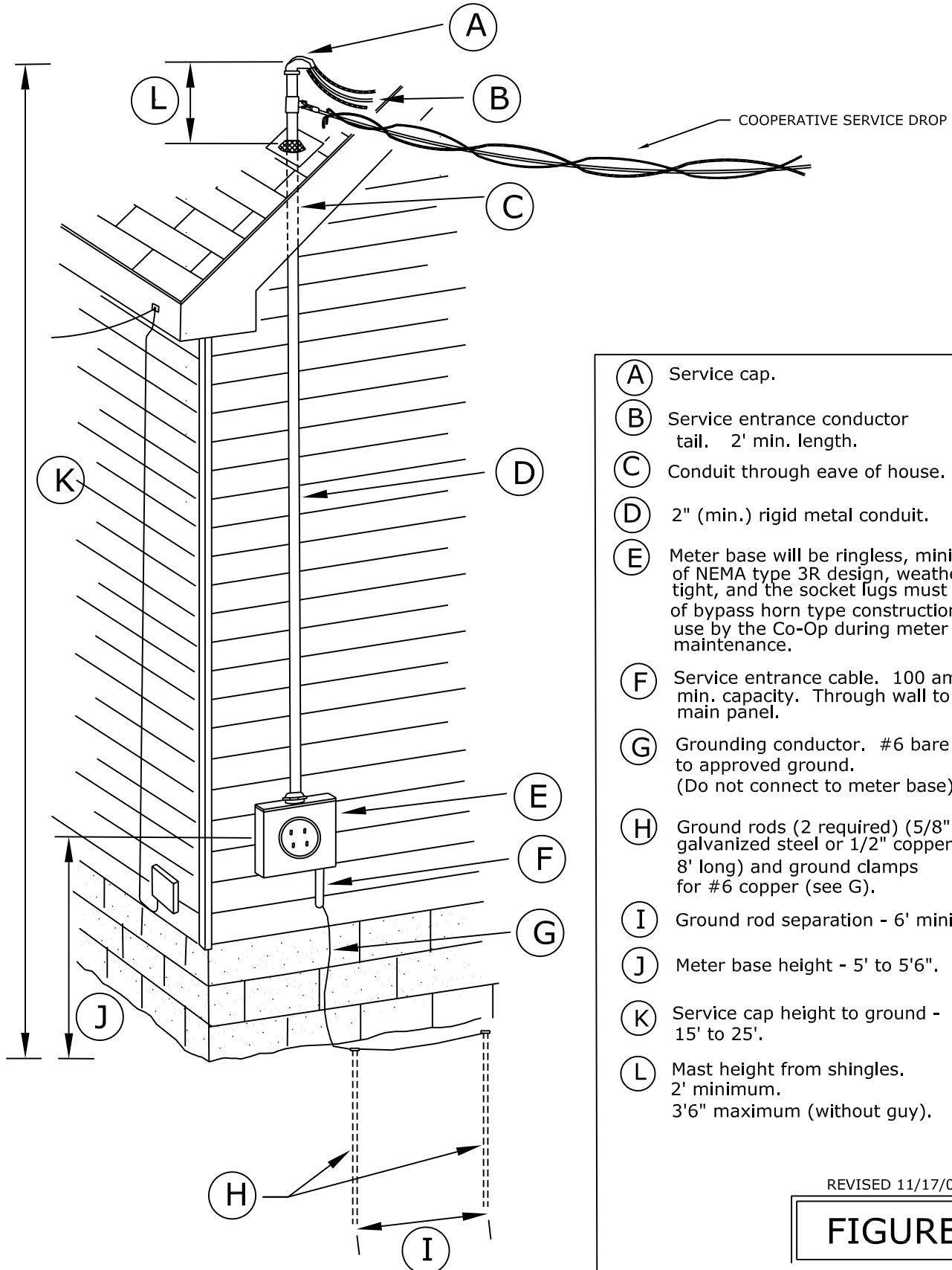


# TYPICAL OVERHEAD MAST TYPE SERVICE

- An inspection by a Municipality approved inspector (per UCC code).
- ALL EQUIPMENT SHOWN (except the service drop and its attachment) WILL BE PROVIDED AND INSTALLED BY THE MEMBER.
- Cooperative service drop max. length - 150' from nearest pole (300' from transformer).



- (A) Service cap.
- (B) Service entrance conductor tail. 2' min. length.
- (C) Conduit through eave of house.
- (D) 2" (min.) rigid metal conduit.
- (E) Meter base will be ringless, minimum of NEMA type 3R design, weather-tight, and the socket lugs must be of bypass horn type construction for use by the Co-Op during meter maintenance.
- (F) Service entrance cable. 100 amp min. capacity. Through wall to main panel.
- (G) Grounding conductor. #6 bare copper to approved ground. (Do not connect to meter base).
- (H) Ground rods (2 required) (5/8" galvanized steel or 1/2" copper - 8' long) and ground clamps for #6 copper (see G).
- (I) Ground rod separation - 6' minimum.
- (J) Meter base height - 5' to 5'6".
- (K) Service cap height to ground - 15' to 25'.
- (L) Mast height from shingles. 2' minimum. 3'6" maximum (without guy).

REVISED 11/17/04 BY LB

**FIGURE 5**