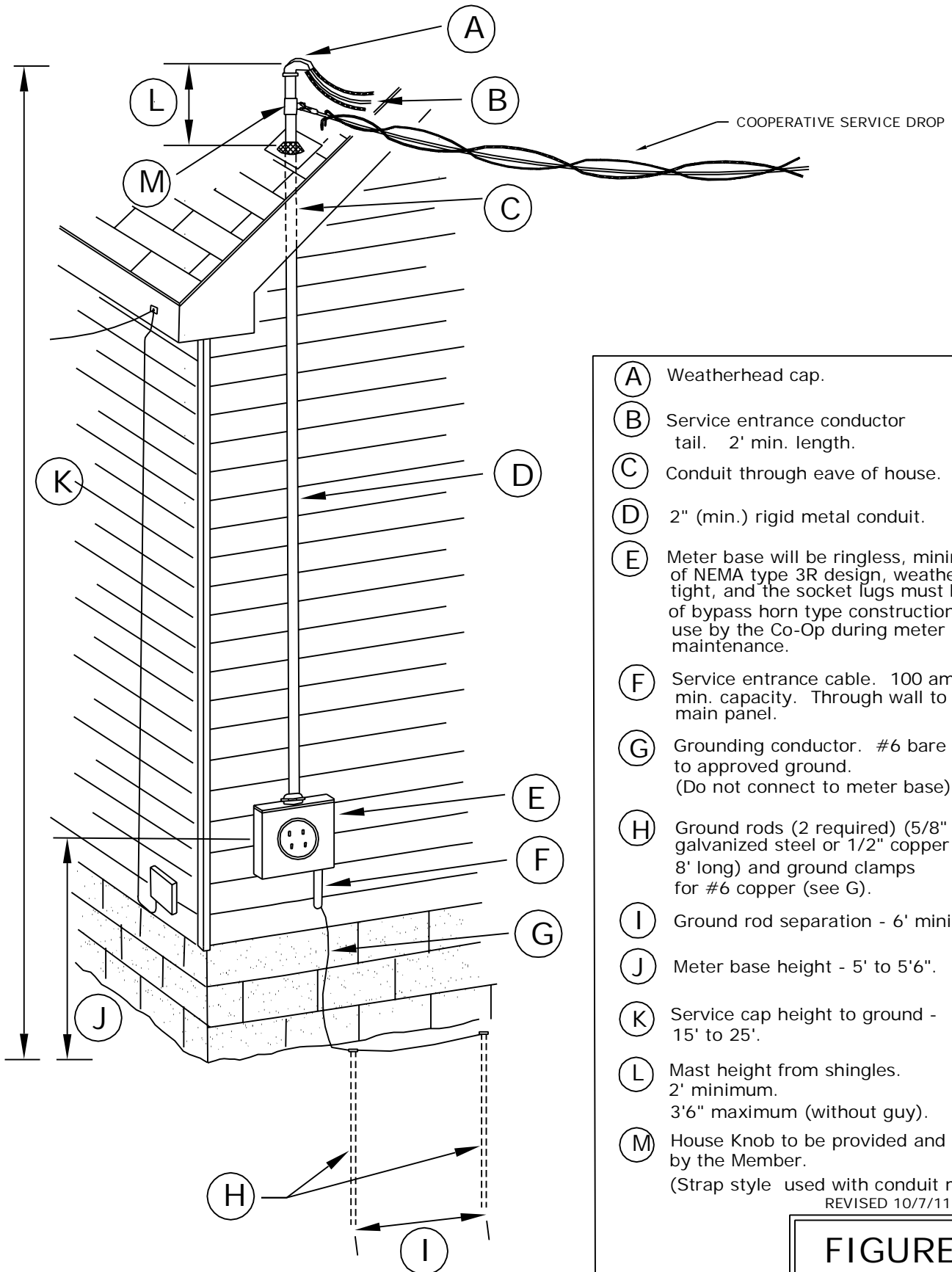


# TYPICAL OVERHEAD MAST TYPE SERVICE

- 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) Weatherhead 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).
  - (M) House Knob to be provided and installed by the Member. (Strap style used with conduit mast)
- REVISED 10/7/11 BY BF

**FIGURE 5**