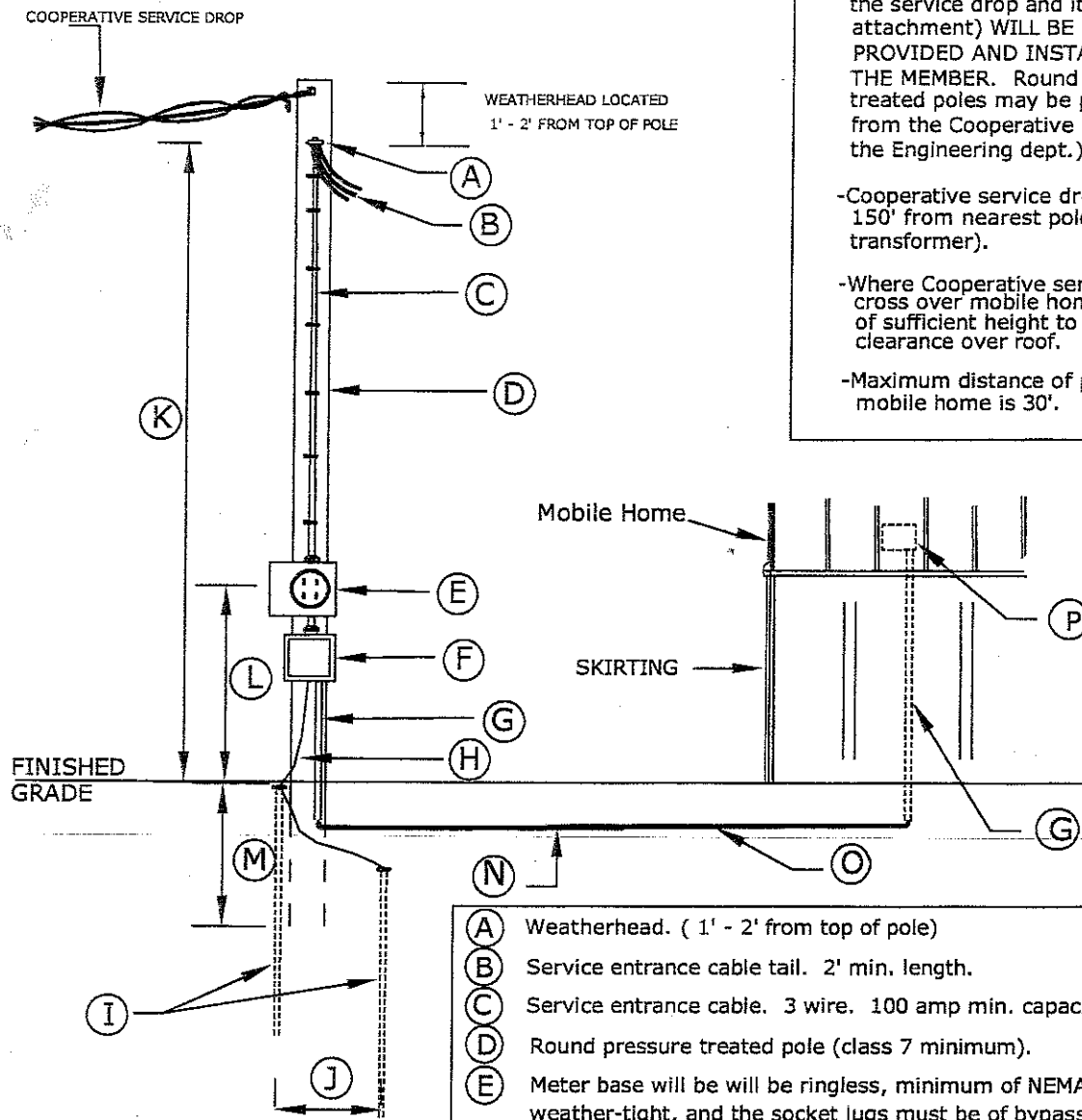


# TYPICAL OVERHEAD PERMANENT MOBILE HOME SERVICE

-An inspection by a Municipality approved inspector is required (per UCC code).



-ALL EQUIPMENT SHOWN (except the service drop and its attachment) WILL BE PROVIDED AND INSTALLED BY THE MEMBER. Round pressure treated poles may be purchased from the Cooperative (contact the Engineering dept.).

-Cooperative service drop max. length 150' from nearest pole (300' from transformer).

-Where Cooperative service must cross over mobile home, pole must be of sufficient height to allow 8' of clearance over roof.

-Maximum distance of pole from mobile home is 30'.

- (A) Weatherhead. ( 1' - 2' from top of pole)
- (B) Service entrance cable tail. 2' min. length.
- (C) Service entrance cable. 3 wire. 100 amp min. capacity.
- (D) Round pressure treated pole (class 7 minimum).
- (E) Meter base will be ringless, minimum of NEMA type 3R design, weather-tight, and the socket lugs must be of bypass construction for use by the Co-Op during meter maintenance.

- (F) Weatherproof disconnect switch box. Fused or circuit breakers (10,000 amp interrupting). 100 amp minimum capacity.
- (G) Trailer feeder cable riser conduit.
- (H) Grounding conductor. #6 bare copper to approved ground. (Do not connect to meter base).
- (I) Ground rods (2 required) (5/8" galvanized steel or 1/2" copper - 8' long) and ground clamps for #6 copper (see H).
- (J) Ground rod separation - 6' minimum.
- (K) Weatherhead Minimum height from ground - 15' or 18' minimum if over driveway or road.
- (L) Meter base height - 5' to 5'6".
- (M) Pole setting depth - 2' plus 10 percent of total pole length.
- (N) Mobile home feeder cable depth - 24" if direct buried.
- (O) Underground mobile home feeder cable - 4 wire - sized to homes panel.
- (P) Home disconnect panel.

Revised 09/07/07 by LB

**FIGURE 11**