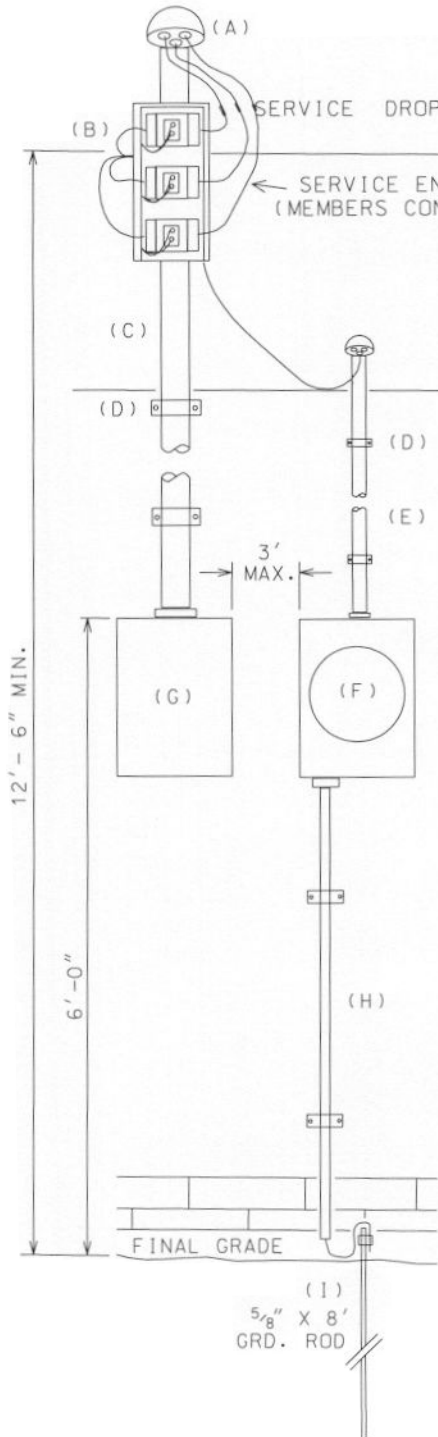


# CURRENT TRANSFORMER- CT METERING OVERHEAD METERING EQUIPMENT TRANSFORMERS MOUNTED ON MAST

COOPERATIVE WILL:  
FURNISH CT EQUIPMENT.  
FURNISH METER BASE &  
INSTALL METER AND  
SERVICE DROP.

MEMBER WILL:  
INSTALL METER BASE AND CT BRACKET.  
FURNISH AND INSTALL ALL OTHER REQUIRED  
MATERIALS. ALL BASES AND ENCLOSURES  
BONDED TO GROUND.



MINIMUM VERTICAL CLEARANCE  
SHALL BE AS REQUIRED BY  
NATIONAL ELECTRICAL SAFETY  
CODE, BUT IN NO CASE LESS  
THAN 12'-6"

- (A) WEATHER HEAD (MAXIMUM TWO) WHEN SERVICE ENTRANCE CONDUCTORS EXCEEDS 350MCM COPPER OR EQUIVALENT; MINIMUM LENGTH 18"
- (B) CURRENT TRANSFORMER (CT) ON CT BRACKET; (ALTERNATE: BRACKET MAY BE MOUNTED ON BUILDING) BOND METERING PLATE TO METER BOX WITH NO. 6 COPPER
- (C) FOR CT APPLICATIONS RISER CONDUIT SHOULD EXCEED 3" RIGID CONDUIT
- (D) PIPE CLAMPS - 4' INTERVALS
- (E) RISER MIN. 1" GALVANIZED RIGID CONDUIT (FURNISHED AND INSTALLED BY MEMBER)
- (F) METER BASE WITH SHUNT BYPASS TO BE USED ON ALL CT INSTALLATIONS.
- (G) MEMBER DISCONNECT
- (H) NON METALLIC CONDUIT; OR METALLIC CONDUIT WITH BOTH ENDS BONDED TO GROUND; NO. 6 COPPER GROUNDWIRE - CONTINUOUS FROM METER BASE TO GROUND ROD.  
(NEC 250-92-B)
- (I) APPROVED GROUNDING ELECTRODE:  
5/8" X 8' COPPER WELD GROUND ROD