

# SULLIVAN COUNTY RURAL ELECTRIC CO-OP, INC.

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## INSTALLATION REQUIREMENTS OF MAST TYPE SERVICE FOR NEW HOMES, MODULAR HOMES AND SIMILAR APPLICATIONS

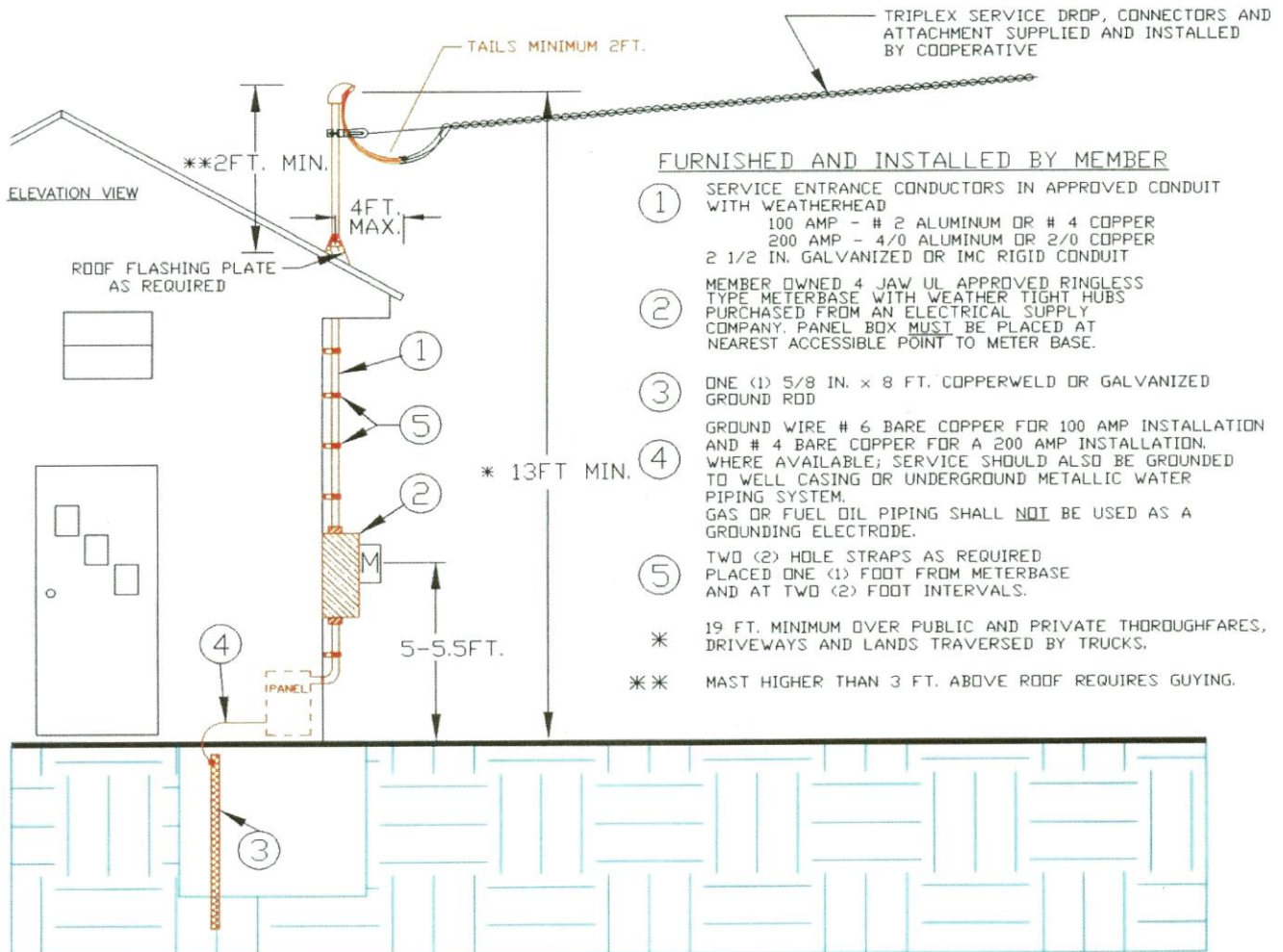
### IMPORTANT:

ALL INSTALLATIONS MUST BE INSPECTED AND APPROVED BY A CO-OP APPROVED INSPECTION AGENCY BEFORE THE SERVICE CAN BE ENERGIZED.

ALL INSTALLATIONS TO BE IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE

MAINTAIN NOT LESS THAN 18 IN. VERTICAL CLEARANCE ABOVE ROOF WITHIN 6 FT. RADIUS FROM THE SERVICE MAST.

NOTE:  
 TELEPHONE AND TV CABLE ATTACHMENT MAY NOT BE ATTACHED TO THE MAST PIPE.



### FURNISHED AND INSTALLED BY MEMBER

- ① SERVICE ENTRANCE CONDUCTORS IN APPROVED CONDUIT WITH WEATHERHEAD  
 100 AMP - # 2 ALUMINUM OR # 4 COPPER  
 200 AMP - 4/0 ALUMINUM OR 2/0 COPPER  
 2 1/2 IN. GALVANIZED OR IMC RIGID CONDUIT
  - ② MEMBER OWNED 4 JAW UL APPROVED RINGLESS TYPE METERBASE WITH WEATHER TIGHT HUBS PURCHASED FROM AN ELECTRICAL SUPPLY COMPANY. PANEL BOX MUST BE PLACED AT NEAREST ACCESSIBLE POINT TO METER BASE.
  - ③ ONE (1) 5/8 IN. x 8 FT. COPPERWELD OR GALVANIZED GROUND ROD
  - ④ GROUND WIRE # 6 BARE COPPER FOR 100 AMP INSTALLATION AND # 4 BARE COPPER FOR A 200 AMP INSTALLATION. WHERE AVAILABLE; SERVICE SHOULD ALSO BE GROUNDED TO WELL CASING OR UNDERGROUND METALLIC WATER PIPING SYSTEM. GAS OR FUEL OIL PIPING SHALL NOT BE USED AS A GROUNDING ELECTRODE.
  - ⑤ TWO (2) HOLE STRAPS AS REQUIRED PLACED ONE (1) FOOT FROM METERBASE AND AT TWO (2) FOOT INTERVALS.
- \* 19 FT. MINIMUM OVER PUBLIC AND PRIVATE THOROUGHFARES, DRIVEWAYS AND LANDS TRAVERSED BY TRUCKS.  
 \*\* MAST HIGHER THAN 3 FT. ABOVE ROOF REQUIRES GUYING.