

# CLAVERACK RURAL ELECTRIC COOPERATIVE, INC.

32750 SR 6  
 WYDIX, PENNSYLVANIA 18854  
 (570 265-2167 OR TOLL FREE 1 (800) 326-9799

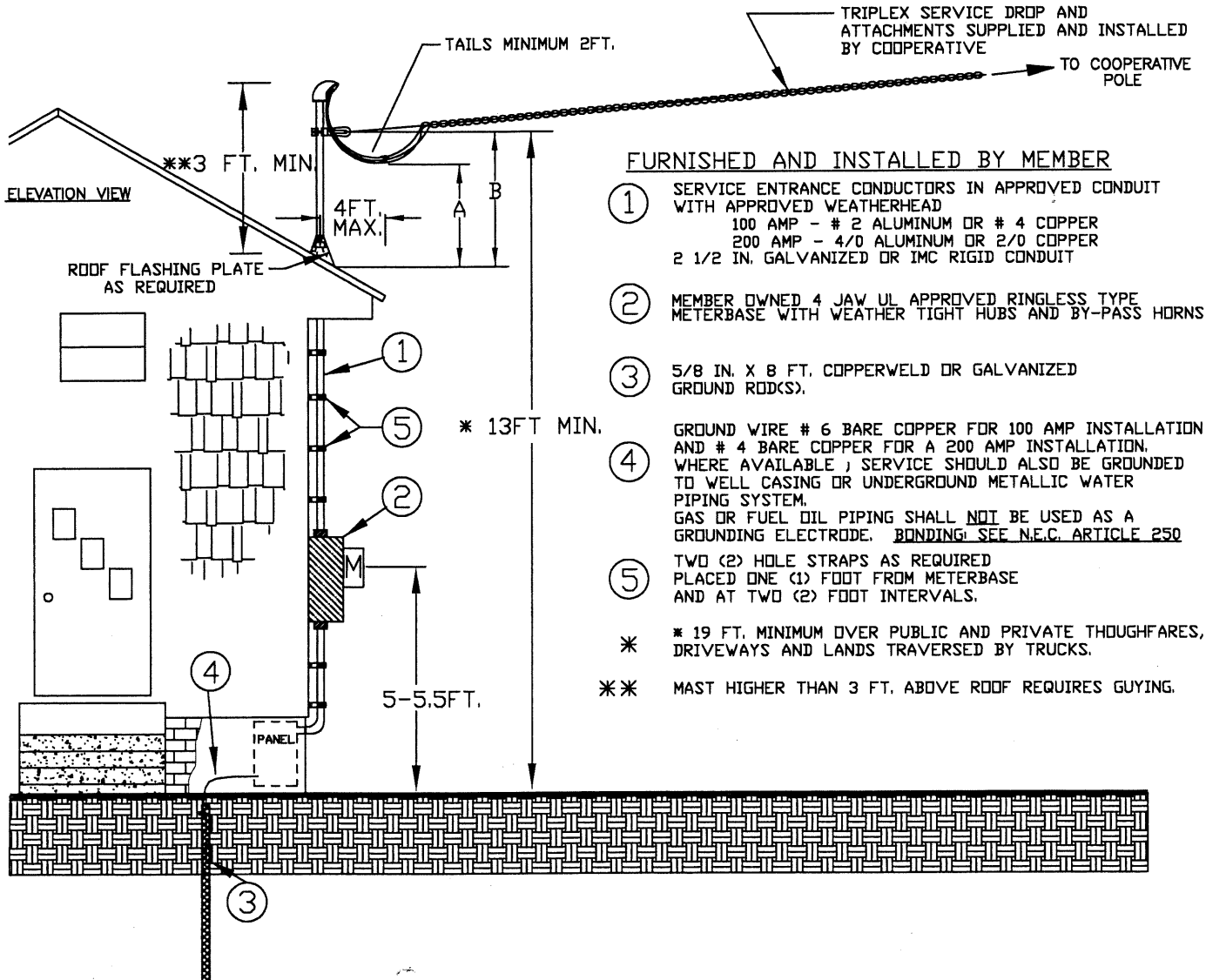
## INSTALLATION REQUIREMENTS FOR MAST TYPE SERVICE FOR PERMANENT BUILDING

**IMPORTANT :**  
 ALL INSTALLATIONS MUST BE  
 INSPECTED AND APPROVED  
 BY A RECOGNIZED  
 INSPECTION AGENCY  
 BEFORE THE SERVICE CAN BE  
 ENERGIZED.

ALL INSTALLATIONS TO BE IN ACCORDANCE  
 WITH THE NATIONAL ELECTRICAL CODE

- A MAINTAIN NOT LESS THAN 18 IN. VERTICAL CLEARANCE ABOVE ROOF
- B MAINTAIN NOT LESS THAN 3 FT. VERTICAL CLEARANCE  
 ABOVE ROOF OUTSIDE OF 6 FT. RADIUS FROM THE SERVICE MAST

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



### FURNISHED AND INSTALLED BY MEMBER

- ① SERVICE ENTRANCE CONDUCTORS IN APPROVED CONDUIT WITH APPROVED 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 AND BY-PASS HORNS
- ③ 5/8 IN. X 8 FT. COPPERWELD OR GALVANIZED GROUND ROD(S).
- 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. BONDING: SEE N.E.C. ARTICLE 250
- 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 THROUGFARES, DRIVEWAYS AND LANDS TRAVERSED BY TRUCKS.
- \*\* MAST HIGHER THAN 3 FT. ABOVE ROOF REQUIRES GUYING.