

TRI-COUNTY RURAL ELECTRIC COOPERATIVE, INC.

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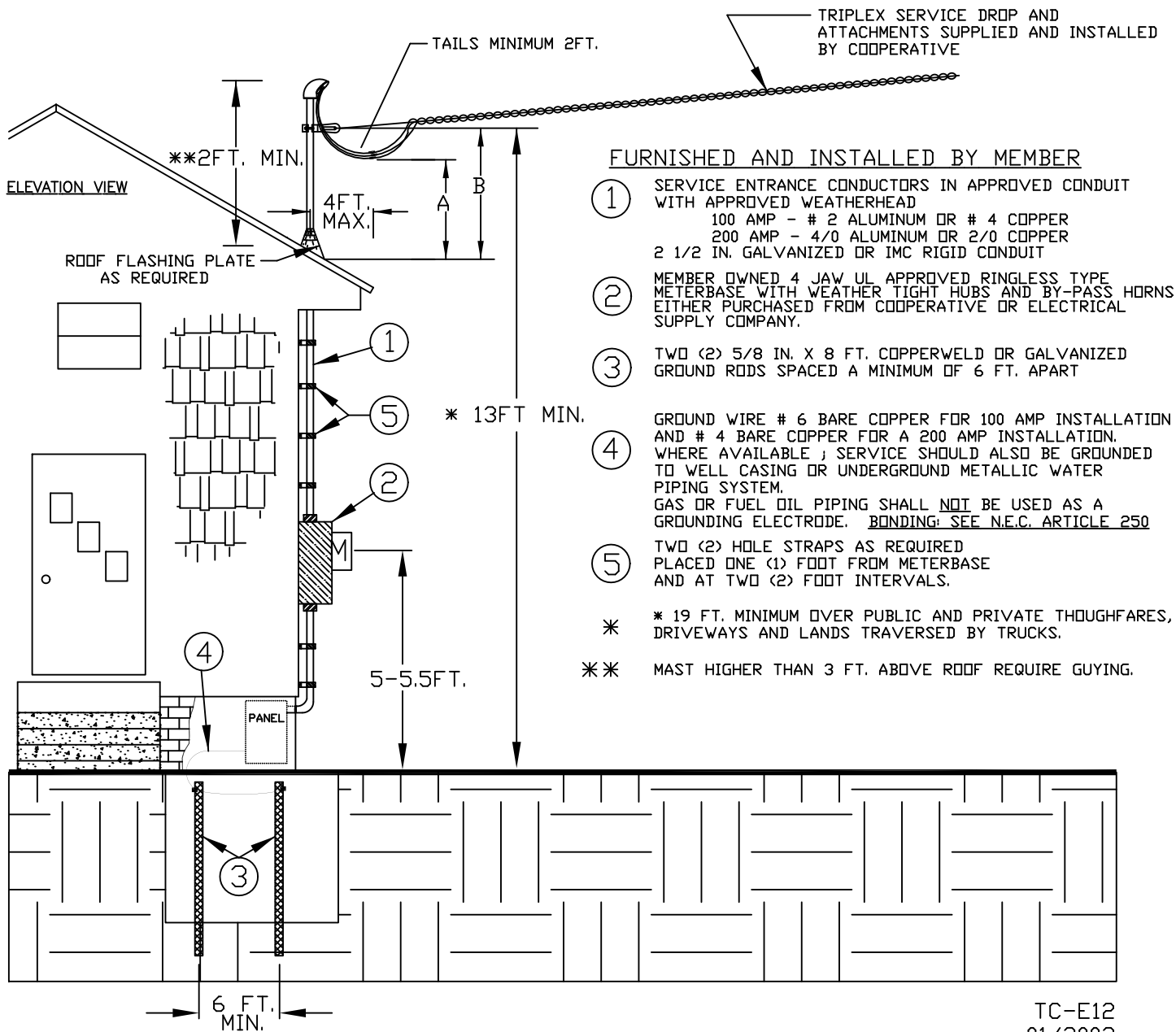
INSTALLATION REQUIREMENTS OF MAST TYPE SERVICE FOR STICK BUILT, MODULAR AND LOG HOMES

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 WITHIN 6 FT. RADIUS FROM THE SERVICE MAST.
- 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 EITHER PURCHASED FROM COOPERATIVE OR ELECTRICAL SUPPLY COMPANY.
- ③ TWO (2) 5/8 IN. X 8 FT. COPPERWELD OR GALVANIZED GROUND RODS SPACED A MINIMUM OF 6 FT. APART
- 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 REQUIRE GUYING.