

# 400 AMP RESIDENTIAL HOME SERVICE ENTRANCE REQUIREMENTS

## RESIDENTIAL HOME REQUIREMENTS

1. A PERMANENT DWELLING STRUCTURE EITHER ON CONCRETE BLOCKS OR ON CONCRETE SLAB.
2. STRUCTURE MUST BE A NON-COMMERCIAL UNIT FOR A SINGLE FAMILY DWELLING.
3. NO WHEELS OR AXLES THAT CAN MAKE THE STRUCTURE MOBILE.



## ELECTRICAL SERVICE ENTRANCE SPECIFICATIONS

ALL CONDUCTORS MUST BE THE CORRECT SIZE AND MUST BE COPPER.

TWO-500 MCM BLACK HOT LEGS

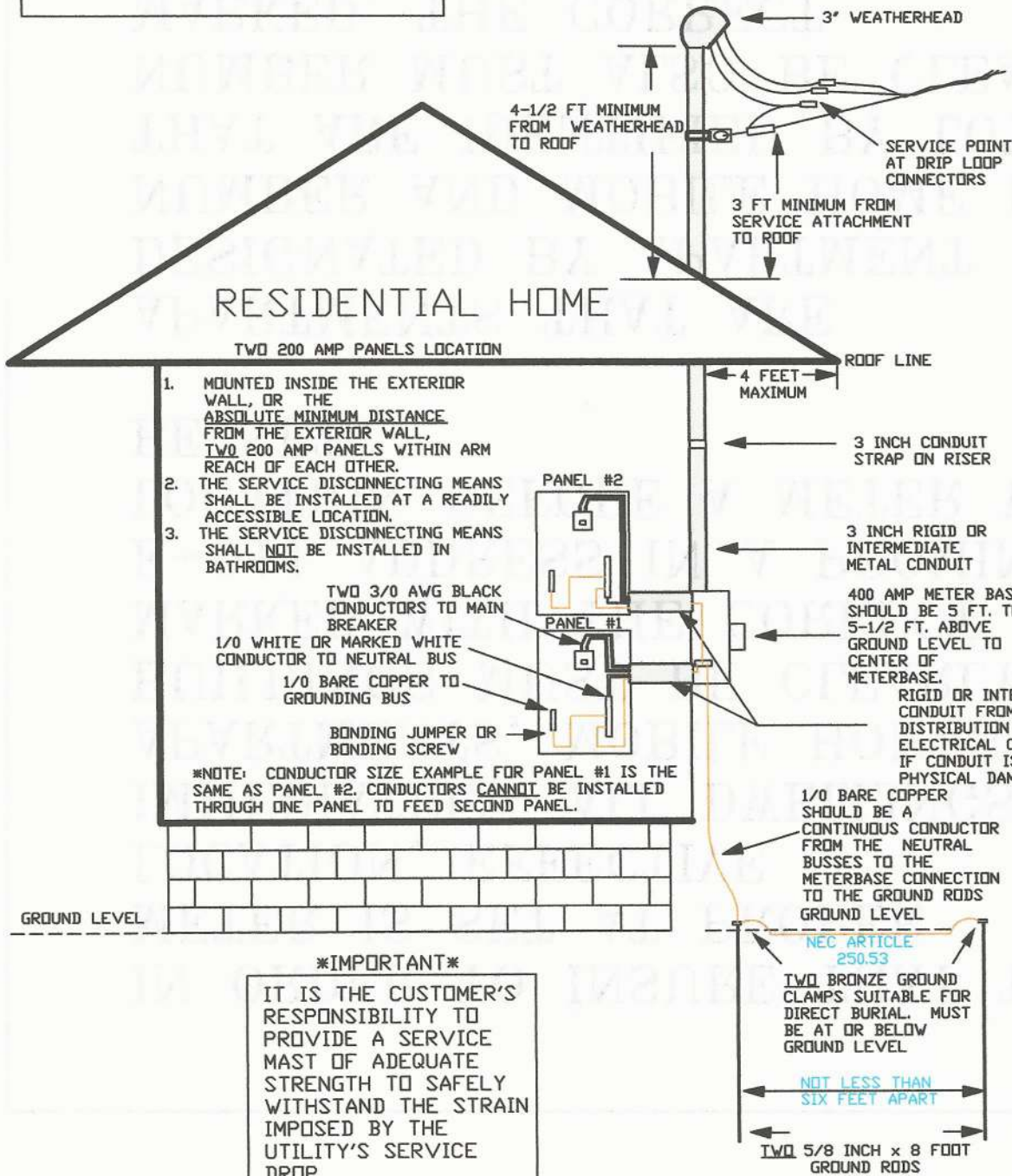
ONE-350 MCM WHITE OR MARKED WHITE NEUTRAL

DRIP LOOP CONDUCTORS MUST BE 18 INCHES OR LONGER OUTSIDE OF WEATHERHEAD.

WEATHERHEAD AND EXPOSED SERVICE CONDUCTORS MUST BE LOCATED AT LEAST 3 FEET FROM DOOR OR WINDOW. THE METERBASE MUST BE LOCATED AT LEAST 3 FEET FROM HINGED SIDE OF DOOR.

MUST MAINTAIN A MINIMUM OF 10 FOOT CLEARANCE FROM GROUND LEVEL TO DRIP LOOP IF THE WEATHERHEAD QUALIFIES TO BE MOUNTED BELOW EAVE OF ROOF.

IF THE RIGID CONDUIT RISER PIPE IS TO BE EXTENDED OR SPLICED, THE JOINT MUST BE LOCATED BELOW THE ROOF LINE AND AN ADDITIONAL CONDUIT STRAP MUST BE INSTALL ABOVE THE JOINT.



- TWO 200 AMP PANELS LOCATION**
1. MOUNTED INSIDE THE EXTERIOR WALL, OR THE ABSOLUTE MINIMUM DISTANCE FROM THE EXTERIOR WALL, TWO 200 AMP PANELS WITHIN ARM REACH OF EACH OTHER.
  2. THE SERVICE DISCONNECTING MEANS SHALL BE INSTALLED AT A READILY ACCESSIBLE LOCATION.
  3. THE SERVICE DISCONNECTING MEANS SHALL NOT BE INSTALLED IN BATHROOMS.
- TWO 3/0 AWG BLACK CONDUCTORS TO MAIN BREAKER  
 1/0 WHITE OR MARKED WHITE CONDUCTOR TO NEUTRAL BUS  
 1/0 BARE COPPER TO GROUNDING BUS  
 BONDING JUMPER OR BONDING SCREW
- \*NOTE: CONDUCTOR SIZE EXAMPLE FOR PANEL #1 IS THE SAME AS PANEL #2. CONDUCTORS CANNOT BE INSTALLED THROUGH ONE PANEL TO FEED SECOND PANEL.

**\*IMPORTANT\***

IT IS THE CUSTOMER'S RESPONSIBILITY TO PROVIDE A SERVICE MAST OF ADEQUATE STRENGTH TO SAFELY WITHSTAND THE STRAIN IMPOSED BY THE UTILITY'S SERVICE DROP.

ALL SERVICES SHALL MEET OR EXCEED THE NEC AND NESC CODES

SEE BACK FOR OTHER INSTRUCTIONS



REVISED DECEMBER 2016  
 PONTOTOC ELECTRIC POWER ASSOCIATION  
 662-489-3211 PONTOTOC  
 662-983-2727 BRUCE  
 DRAWN BY R. MORGAN

IN ORDER TO INSURE THAT THE METER IS SET AT PROPER LOCATION, EFFECTIVE IMMEDIATELY, ALL DWELLINGS, APARTMENTS, MOBILE HOMES AND BUILDINGS MUST BE CLEARLY MARKED WITH THE CORRECT E-911 ADDRESS IN A PROMINENT LOCATION BEFORE A METER WILL BE SET.

APARTMENTS THAT ARE DESIGNATED BY APARTMENT NUMBER AND MOBILE HOME PARKS THAT ARE IDENTIFIED BY LOT NUMBER MUST ALSO BE CLEARLY MARKED. THE CORRECT APARTMENT NUMBER OR MOBILE HOME LOT NUMBER MUST BE SHOWN ON THE RENTAL RECEIPT.