

# 100 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, CORRECT COLOR AND MUST BE COPPER.

TWO-#2 BLACK HOT LEGS

ONE-#4 WHITE NEUTRAL

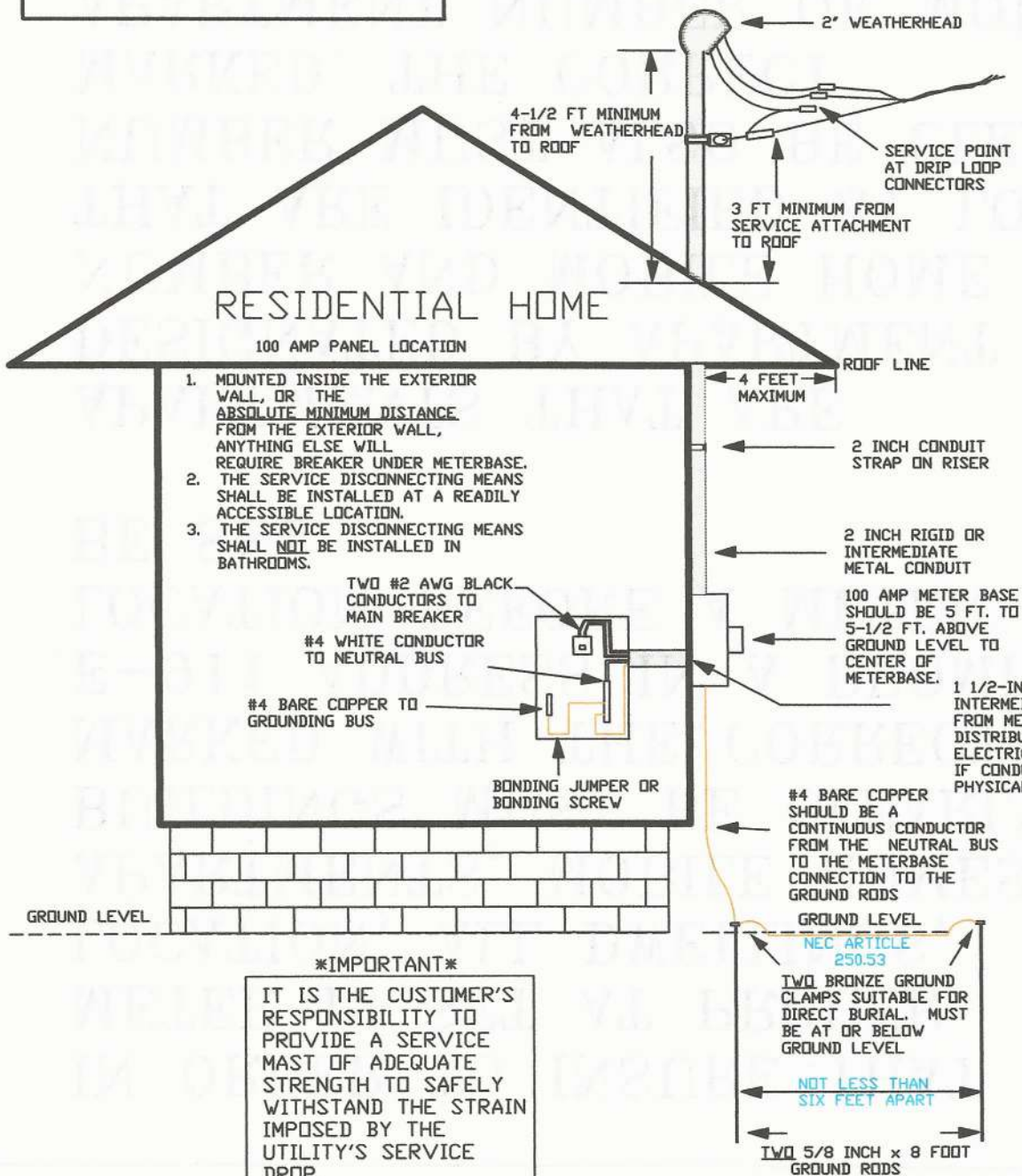
DRIP LOOP CONDUCTORS MUST BE 18 INCHES OR LONGER OUTSIDE OF WEATHERHEAD.

WEATHERHEAD AND EXPOSED SERVICE CONDUCTORS MUST BE LOCATED AT LEAST 3 FEET FROM DOOR OR WINDOW.

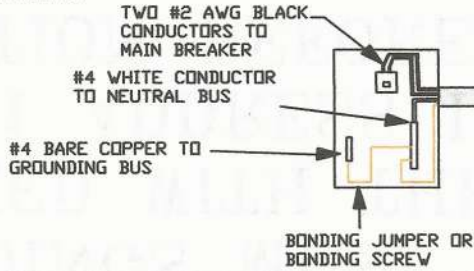
THE METERBASE MUST BE LOCATED AT LEAST 3 FEET FROM HINGED SIDE OF DOOR.

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.



1. MOUNTED INSIDE THE EXTERIOR WALL, OR THE ABSOLUTE MINIMUM DISTANCE FROM THE EXTERIOR WALL, ANYTHING ELSE WILL REQUIRE BREAKER UNDER METERBASE.
2. THE SERVICE DISCONNECTING MEANS SHALL BE INSTALLED AT A READILY ACCESSIBLE LOCATION.
3. THE SERVICE DISCONNECTING MEANS SHALL NOT BE INSTALLED IN BATHROOMS.



1 1/2-INCH RIGID OR INTERMEDIATE METAL CONDUIT FROM METERBASE TO DISTRIBUTION PANEL. GRAY ELECTRICAL CONDUIT IS ALLOWED IF CONDUIT IS NOT EXPOSED TO PHYSICAL DAMAGE.

#4 BARE COPPER SHOULD BE A CONTINUOUS CONDUCTOR FROM THE NEUTRAL BUS TO THE METERBASE CONNECTION TO THE GROUND RODS



### \*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

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IN ORDER TO INSURE THAT THE METER IS SET AT PROPER LOCATION, 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.