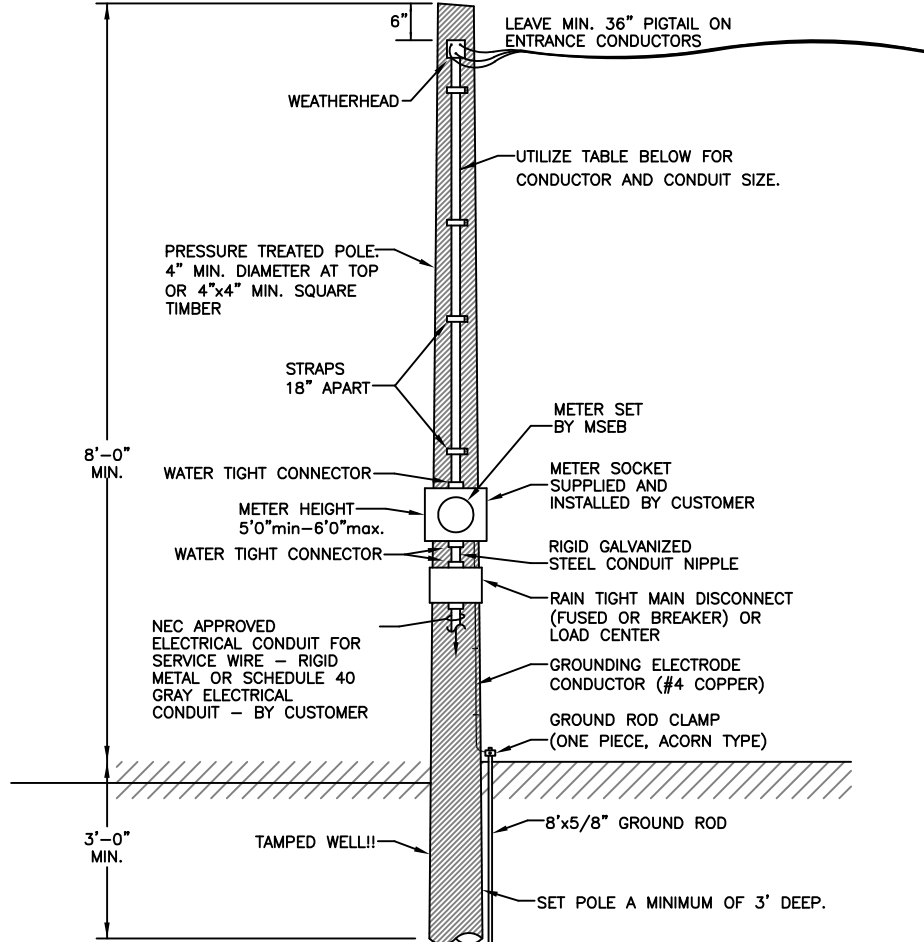




## OVERHEAD SERVICE - SINGLE METER TEMPORARY INSTALLATION



Service Entrance Conductor Sizes			
Table is for Type RHW, THHW, THW, THWN, XHHW			
Insulated Conductors Rated at 75°C			
RESIDENTIAL - SINGLE PHASE SERVICE IN CONDUIT 2 CONDUCTORS, PLUS 1 NEUTRAL			
COPPER CONDUCTORS			
Size Entrance Switch	Min. Conductor Size	Min. Conduit Size	Size Of Grounding Electrode Conductor COPPER ONLY (SOLID OR STRANDED)
100	3 #2	1.5"	#4
200	3 #2/0	2"	#2
400	3 #500 MCM	3"	#1/0
400	2 runs 3 #3/0	2 @ 3"	#1/0
600	2 runs 3 #350 MCM	2 @ 3"	#2/0

- NOTES:**
1. THIS DIAGRAM IS INTENDED FOR USE AS A GUIDE. ALL CONSTRUCTION SHALL CONFORM TO THE CURRENT EDITION OF THE NESC AND NEC, EXCEPT THAT LOCAL CODES AND REGULATIONS HAVING JURISDICTION SHALL TAKE PRECEDENCE.
  2. GUY THIS POLE AS REQUIRED.
  3. ROD-TYPE ELECTRODES OF STAINLESS STEEL AND COPPER, OR ZINC COATED STEEL SHALL BE AT LEAST 5/8" IN DIAMETER. RODS SHALL BE NOT LESS THAN 8' IN LENGTH.
  4. GROUND CLAMPS SHALL BE LISTED FOR THE MATERIALS OF THE GROUNDING ELECTRODE AND THE GROUNDING ELECTRODE CONDUCTOR, AND SHALL ALSO BE LISTED FOR DIRECT SOIL BURIED OR CONCRETE ENCASUREMENT.
  5. THE GROUNDING ELECTRODE CONDUCTOR SHALL BE RUN TO THE SERVICE NEUTRAL.
  6. SUPPLY AND INSTALL RECEPTACLES AS DESIRED. RECEPTACLES SHOULD BE WP GFCI, WITH UPSTREAM PROTECTION AS PER NEC.
  7. ROD-TYPE ELECTRODES OF STAINLESS STEEL AND COPPER, OR ZINC COATED STEEL SHALL BE AT LEAST 5/8" IN DIAMETER. RODS SHALL BE NOT LESS THAN 8' LENGTH.
  8. GROUND CLAMPS SHALL BE LISTED FOR THE MATERIALS OF THE GROUNDING ELECTRODE AND THE GROUNDING ELECTRODE CONDUCTOR, AND SHALL ALSO BE LISTED FOR DIRECT SOIL BURIED OR CONCRETE ENCASUREMENT.
  9. THE GROUNDING ELECTRODE CONDUCTOR SHALL BE RUN TO THE SERVICE NEUTRAL.