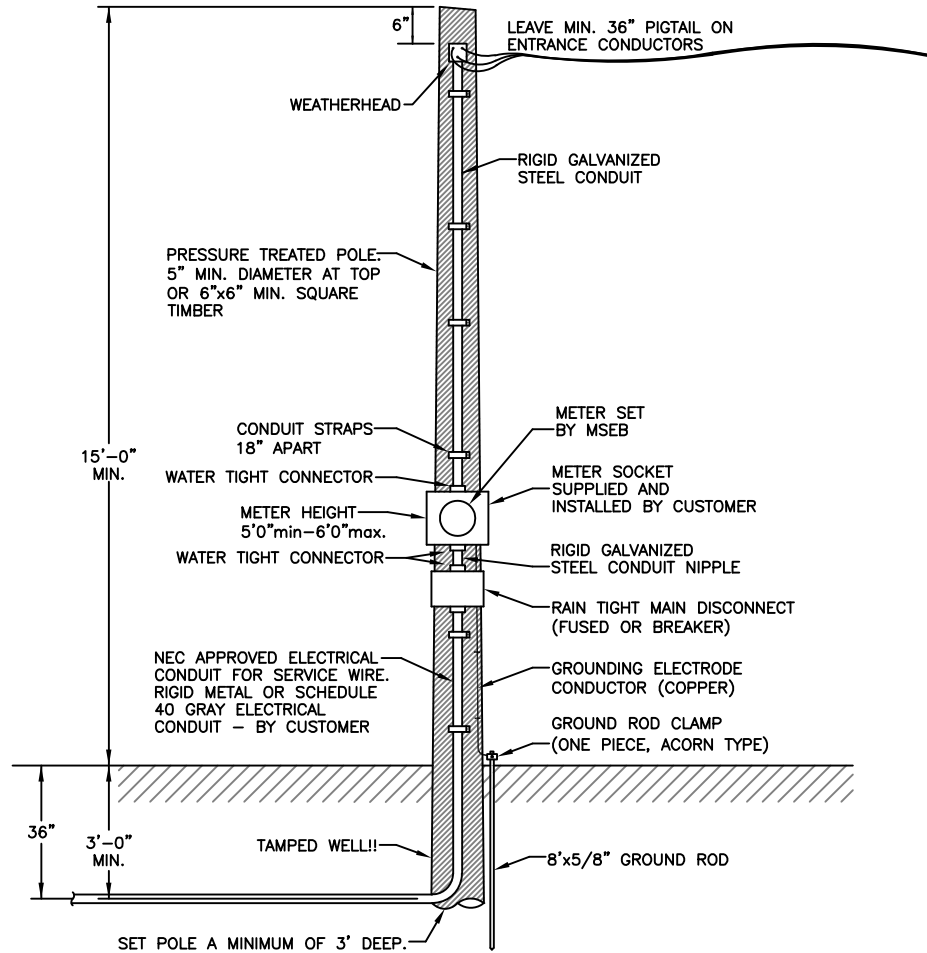




OVERHEAD SERVICE - SINGLE METER METER POLE - SINGLE PHASE



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:**
- 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.
 - GUY THIS POLE AS REQUIRED.
 - ENTRANCE POLE MUST BE 6' MIN. FROM MOBILE HOME, AND 30' MAX. FROM MOBILE HOME.
 - IF LENGTH OF CONDUIT EXCEEDS 10', COUPLING IS PERMITTED ON END ADJACENT TO METER.
 - MAIN DISCONNECT MUST BE RATED FOR SERVICE ENTRANCE EQUIPMENT.
 - 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.
 - 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 ENCASEMENT.
 - THE GROUNDING ELECTRODE CONDUCTOR SHALL BE RUN TO THE SERVICE NEUTRAL.