

THE CUSTOMER IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF THE FOLLOWING:  
 WEATHERHEAD AND GALVANIZED STEEL RISER  
 SERVICE ENTRANCE CONDUCTOR  
 SERVICE PANEL  
 SERVICE PANEL GROUNDING  
 MAINTAINING TREE CLEARANCE AROUND OVERHEAD ELECTRIC LINES TO YOUR RESIDENCE

CITY OF BANNING ELECTRIC UTILITY IS RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF THE FOLLOWING:  
 OVERHEAD ELECTRIC LINES TO YOUR RESIDENCE  
 ELECTRIC METER

SERVICE ENTRANCE CONDUCTOR SIZING:

100A SERVICE: #4-STRANDED COPPER NEUTRAL AND SERVICE ENTRANCE CONDUCTORS WITH #8 SOLID COPPER GROUND/BONDING

125A SERVICE: #2-STRANDED COPPER NEUTRAL AND SERVICE ENTRANCE CONDUCTORS WITH #8 SOLID COPPER GROUND/BOND

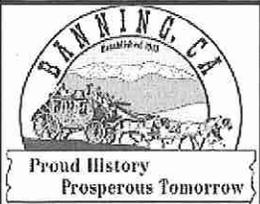
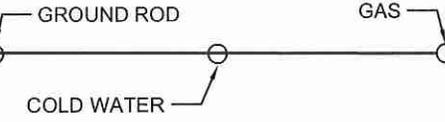
200A SERVICE: #2/0 COPPER STRANDED NEUTRAL AND SERVICE ENTRANCE CONDUCTORS WITH #4 SOLID COPPER GROUND/BOND

\*NEUTRAL WIRE MUST BE MARKED WHITE AT BOTH WEATHERHEAD & PANEL

GALVANIZED STEEL CONDUIT RISER  
 MIN. 1.5" CONDUIT FOR 100A TO 125A PANEL  
 MIN. 2" CONDUIT FOR 200A PANEL

PANEL MUST HAVE 36" RADIAL CLEARANCE FROM WINDOWS, DOORS, EXITS, FIRE ESCAPES, BALCONIES, STAIRWAYS, AND WALKWAYS. ALSO THERE MUST BE A 36" HORIZONTAL CLEARANCE FROM ANY POSSIBLE GROUND POINTS SUCH AS GAS PIPING OR METAL FENCING.

FLEX CONDUIT WITH MINIMUM # (SEE CHART ABOVE FOR WIRE SIZES) SOLID COPPER CONTINUOUS GROUND FEED TO A DRIVEN 5/8"x8" COPPER-CLAD GROUND ROD AND BONDED TO BURIED WATER AND GAS PIPES



REVISED: 01/05/2016 APPROVED: *R. Dig 1-6-16*

STANDARD DRAWINGS

TYPICAL OVERHEAD SERVICE

**SD**

**600-10**