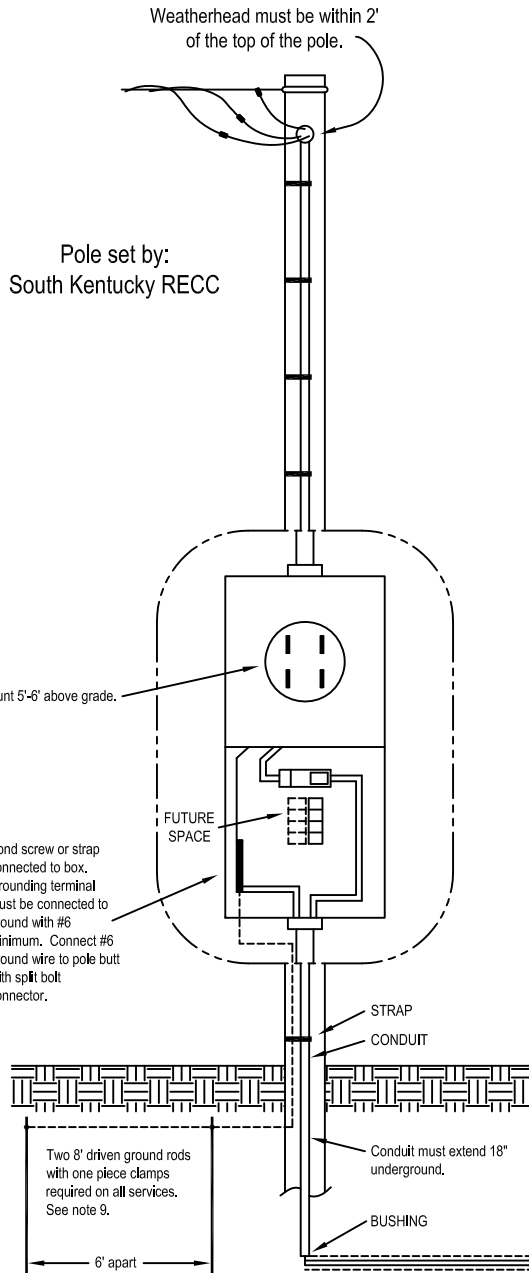


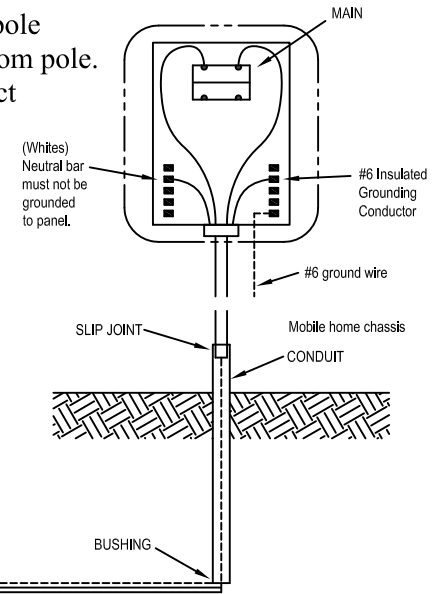
100, 150, & 200 AMP MOBILE HOMES

Do not use for 60amp or smaller services. Other drawings are available for those services.

Ampacity	Service Conductor Size Copper	Conduit Size	Service Conductor Size Aluminum	Conduit Size	Ground Wire Size
100 AMP	No. 4 USE, US, URD	1 ¼"	No. 2 USE, UF, URD	1 ¼"	No. 8
150 AMP	No. 1 USE, UF, URD	1 ¼"	No. 2/0 USE, UF, URD	1 ½"	No. 6
200 AMP	No. 2/0 USE, UF, URD	1 ½"	No. 4/0 USE, UF, URD	2"	No. 6



- Types USE, UF, & URD cables are approved for direct burial in the earth.
- Cables must be continuous from the meter pole to the mobile home panel - NO SPLICES.
- Conduit riser, meter base, and disconnect panel must be securely strapped and fastened to the meter pole by approved straps and screws.
- The meter base must be located 5' to 6' above finished grade.
- Inhibitor must be used on all aluminum connections. Copper and aluminum cannot be used under the same lug.
- Water pipe (PVC) cannot be used as a raceway.
- Use rigid conduit, either metal or PVC Schedule 80, to 18" below finished grade. A telescoping joint must be provided at the home.
- Four insulated direct burial cables, sized in accordance with the above chart, shall extend from the disconnect panel on the meter pole to the mobile home.
- Two 8' driven ground rods placed 6' apart must be installed. If a new pole has been set, you will only need to drive one additional ground rod 6' from pole.
- The ditch from the pole to the mobile home must be: 24" deep for direct burial cables; 18" deep for PVC; or 6" deep if rigid metal is used.
- The mobile home service equipment must be:
 - Readily accessible;
 - Within sight of the mobile home;
 - Not more than 30' away from the mobile home;
 - Not closer than 6' to the mobile home.
- The mobile home service must have space for additional breakers for accessory buildings.
- Service wires for overhead shall be listed or marked sunlight resistant.
- Must have a permanent Health Dept. release sticker.



Special Note:
Mobile home services cannot be located on the mobile home.
1999 National Electric Code

Ditch for cable must be 24" deep.

All 4 wires must be insulated with approved direct-burial insulation.