

Residential Underground Services Requirements

Underground Service Options

To better serve our customers, YVEA provides two options for installation of underground services to single family residences and duplexes:

Customer Installed Conduit

The customer digs the trench and installs the conduit (per YVEA's specifications) from YVEA's existing secondary facilities to the customer's meter. YVEA installs the cable inside the conduit.

YVEA Installed Service

YVEA digs the trench and installs the conduit and cable from YVEA's existing secondary facilities to the customer's meter.

Specifications for Customer Installed Conduit

- Run Length (Maximum): 100 ft.
- Burial depth (Minimum): 30"
- Pipe Bends (Total Allowed – Includes *all* sweeps): 270°
- Radius of sweeps and bends (Minimum): 24"
- Pull Rope Size (Minimum): 1/4"

Conduit Specifications

<i>Service Cable Size (Selected by YVEA)</i>	<i>Conduit Size</i>
#4/0 or #1/0	3"
350 kcmil	3"

Note: All above-grade portions shall be schedule 80 PVC. All below-grade portions shall be schedule 40 PVC.

The customer is responsible for capping the conduit to prevent ingress of moisture and dirt. If the pull rope does not work (often it is glued or frozen to the inside of the pipe), YVEA will not pull the cable nor repair the problem.

Please Note: *If conduit is filled with ice and water an additional charge will be added.*

YVEA will no longer allow any temporary service wire to be installed in conduit into which YVEA will pull the permanent service wire.

YVEA now requires that all customer-installed service conduit be inspected by YVEA prior to backfilling the trench. YVEA will no longer pull service wire into any conduit for which we do not have an inspection record on file.

REVISION: Correct Conduit Specifications table

DISTRIBUTION STANDARD – YVEA