Refer to the National Electrical Code (NEC).

Metal conduits installed below grade are to be adequately covered for corrosion protection (tape or asphalt paint).

PVC is acceptable when not subject to physical damage except for Colorado Springs Utilities which requires a rigid metal conduit.

Ground bushing bonded to neutral is required when nipple is metal.

Panel bonding screw (green)

Neutral buss

Size per NEC

Main Disconnect

Panel can be side by side or back to back with meter.

Bond to neutral

Size per NEC

When concrete encased electrode per Eufer grounding method is not available, the alternative is placing ground rods a minimum distance of 6 feet apart and minimum ground rod size is 8 feet by 5/8”.

Bring to waterline when copper within 5 feet of an entry point.

Extend a minimum of 18 inches underground with bushing on the bottom.

NOT ALL REQUIREMENTS ARE SHOWN. INSTALLATION MUST COMPLY WITH CURRENTLY ADOPTED NEC.