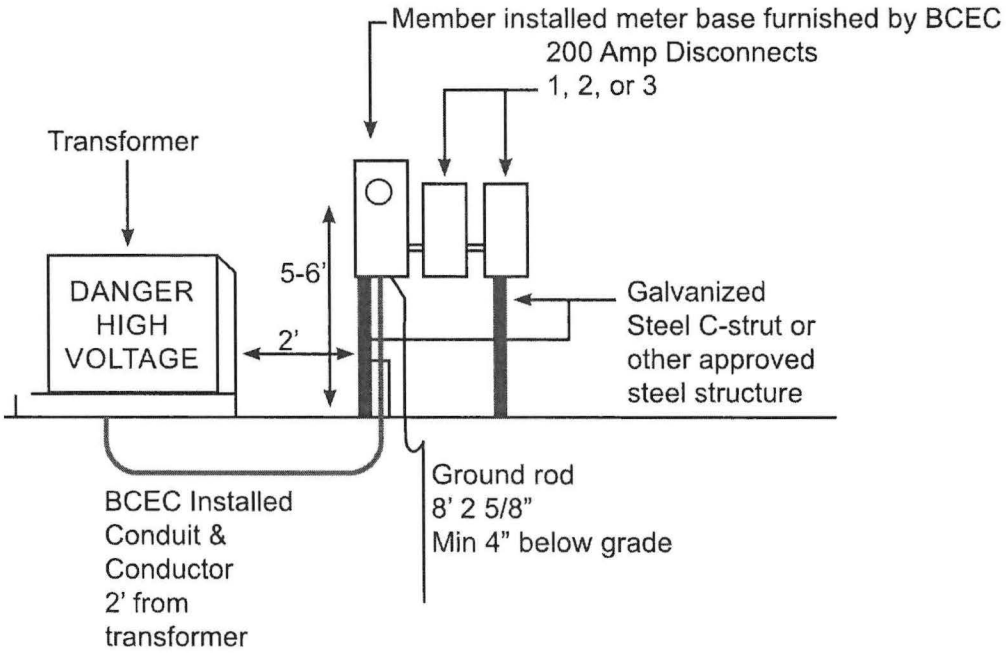
Bowie-Cass ELECTRIC COOPERATIVE

MEMBER INSTALLED
PEDESTAL 200 - 600 AMPS



Bowie-Cass Electric Cooperative, Inc. Douglassville, Texas 4RO Pedestal			
Dwn by:	Ckd by:	Scale	Drawing
File No.	Date: 6-1-25	None	M10

BP7090

BCEC Underground Services to Pedestals

1. All wiring shall be in accordance with Articles of the latest edition of the National Electric Code.
2. Wiring from the meter to disconnect/s must be copper.
3. Pedestal shall be built with galvanized strut channel or other approved steel structure.
4. Meter bases will only be provided by BCEC after new electrical service requirements have established. They can be picked up with voucher at BCEC or from a distributor.
5. Pedestals must be installed by members 2ft. from the transformer.
6. All conduit for residential services shall be sized per Note 12 including conduit from the meter base to the main disconnect/s, and shall have locknuts and plastic bushings. Conduit between meter base and main disconnect/s shall be galvanized steel rigid type.
7. Ground rod conductor shall be installed in EMT type conduit from the meter base to 4" below grade. Conduit shall have locknuts, and plastic bushings and shall be secured to pedestal. Ground wire conduct shall be installed in one continuous length without splice or joint.
8. Ground rods must be 5/8" in diameter and 8' in length minimum and shall be copper coated with an approved ground wire clamp.
9. Minimum requirements only are shown on this standard and are not intended to conflict with any national or local code which may require more than the minimum indicated by the drawings.
10. Members within the City of Mt. Pleasant are required by the city to purchase from BCEC and use a fiberglass URD transformer pad/meter base combo. Strut channel or other steel structures are not allowed.
11. This BCEC-MI0 drawing is intended as a guideline for 200 to 600 amp URD pedestal services with 1 to 3 disconnects.
12. Conductor Size for 120/240, 3 Wire Dwelling Service

	Conductor Sizes			
Service Size	Ungrounded	Neutral	Ground Wire	Conduit Size
200 Amp Main	2/0 Copper	2/0 Copper	#4 Sold Copper	2" minimum
320 Amp Main	350 Copper	350 Copper	#2 Strand Copper	3" minimum
600 Amp Main	See Eng.	See Eng.	2/0 Copper	4" minimum