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Transformer Pole Riser Length:
 35' Pole = 20' Riser
 40' Pole = 24' Riser

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Service Pole Riser Length:
 30' Pole = 20' Riser
 35' Pole = 24' Riser

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Member's Conduit
 Member's conduit shall be installed 8"-12" from pole.

3" (or 2-2") approved electrical metal conduit above finished grade. Riser w/stand-off brackets and 10' of conductor tails. (Bluebonnet to mount riser to pole).

Type K-4, Bolt-in type meter can: Description: 400 amp, 4 terminals, 3-wire, residential/commercial socket single phase self-contained, large cover plate. These meter cans are available for purchase through Tech-Line or any other electrical supplier provided it meets all Bluebonnet Electric Cooperative specifications. Techline's phone number, Techline (512-332-2978)

- Notes:
1. Main disconnect panel may not be used as an electrical race way.
 2. Line taps shall be made by the electrical contractor if a galvanized wiring trough is used.
 3. Weatherproof fittings required.
 4. Any combination of six disconnects totaling no more than 400 Amps can be used. REF. NEC, SEC. 230.71
 5. If more than two disconnects are needed, a galvanized trough is required.
 6. Wire sized to total disconnect sizes.
 7. Neutral(s) may be reduced no more than two sizes on residential applications. No reduction of the neutral(s) is allowed on commercial applications.
 8. Bluebonnet pole must remain free of structures and private attachments other than meter loop assembly.

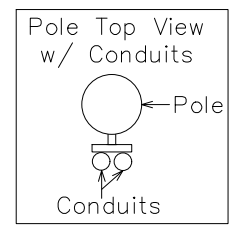
9. Meter assembly must remain unenclosed on exterior of structure.
10. Meter assembly cannot be mounted on a mobile home.
11. If secondary service exceeds 1-3" (or 2-2") galvanized metal conduit, BEC will install a primary underground transformer at member's expense.
12. All services entering the meter can from the bottom (URD and Trough) will be bottom fed. For bottom feed applications, BBEC employee will switch the top fed/bottom fed (back of the meter) switch to the bottom fed position prior to setting and install a "bottom fed" sticker on the outside of the meter can.
13. All secondary connections made by Bluebonnet.
14. Only 400 amp meter cans are allowed. No 320 amp meter cans are allowed.
15. Member shall use a metal nipple.
16. Generator shall be a minimum of 15' away from Bluebonnet's pole and/or equipment.
17. #6 solid, bare ground copper wire and clamp attached to Bluebonnet's pole ground.
18. The main electrical disconnect for each electrical service shall be installed on the exterior of the building in a location approved by Bluebonnet Electric Cooperative.

* **WIRING INSTALLATIONS MUST MEET LOCAL GUIDELINES, IF APPLICABLE, SET FORTH BY CITY, COUNTY, OR OTHER GOVERNING ENTITY IN THE EVENT THESE REQUIREMENTS ARE MORE STRINGENT THAN BLUEBONNET SPECIFICATIONS.** *

Minimum schedule 40 rigid nonmetallic service conduit below finished grade. No schedule 40 conduit allowed above ground level on source side of main disconnect.

Latest update can be found at www.bluebonnetelectric.coop

8' ground rod to be driven 12" below grade. (Member to provide ground rod.)



FOR THE MEMBER'S SAFETY, WIRING INSTALLATION AND MATERIAL SHALL CONFORM TO THE REQUIREMENTS OF THE NEC, TDLR AND NESC.



1Ø 400 AMP O/H SERVICE TO A UNDERGROUND STANDBY GENERATOR SYSTEM WITH METER ON RACK OR BUILDING WITH K BASE BOLTED IN METER SOCKET.		Drawn By : RG	Checked By : MS COMMITTEE	Approved By : MS COMMITTEE
DATE	REVISIONS	Scale :	Date :	
11-15-2016	ADDED FLOW ARROWS.	NONE	11-04-2021	MS-403
11-20-2019	ADDED SOLID COPPER NOTE.			