

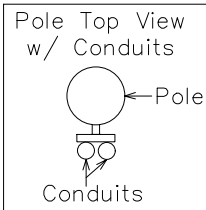
Notes:

- Line taps shall be made in the galvanized wire trough by the electrical contractor.
- When more than (1) disconnect is used, a galvanized trough system shall be installed.
- Weatherproof fittings are required.
- Two (2) disconnects could be substituted with (1) disconnect. All disconnects shall have over current protection installed.
- No more than two (2) risers or two (2) conductors per phase shall be allowed.
- Wire shall be sized to total disconnect sizes.
- Neutral(s) may be reduced no more than two sizes on residential applications. No reduction of the neutral(s) is allowed on commercial application.
- Bluebonnet pole must remain free of structures and private attachments other than service riser assembly.
- All secondary connections on pole will be made by Bluebonnet.
- The electrical contractor will notify Bluebonnet 72 hours in advance to schedule Bluebonnet personnel to deliver the CT's before the service wire is pulled. The electrician shall install them on the rack with the correct polarity before the conductor is brought thru the 30"x42x16" (minimum size) CT enclosure. Call 800-842-7708 to schedule a connect.
- CT enclosures can be purchased from Techline (512-332-2978).
- Maintain 3"-6" distance between the disconnect and the meter can. Member shall use a metal nipple. A straight or offset nipple is acceptable.
- #6 solid, bare ground copper wire and clamp attached to Bluebonnet's pole ground.
- 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.

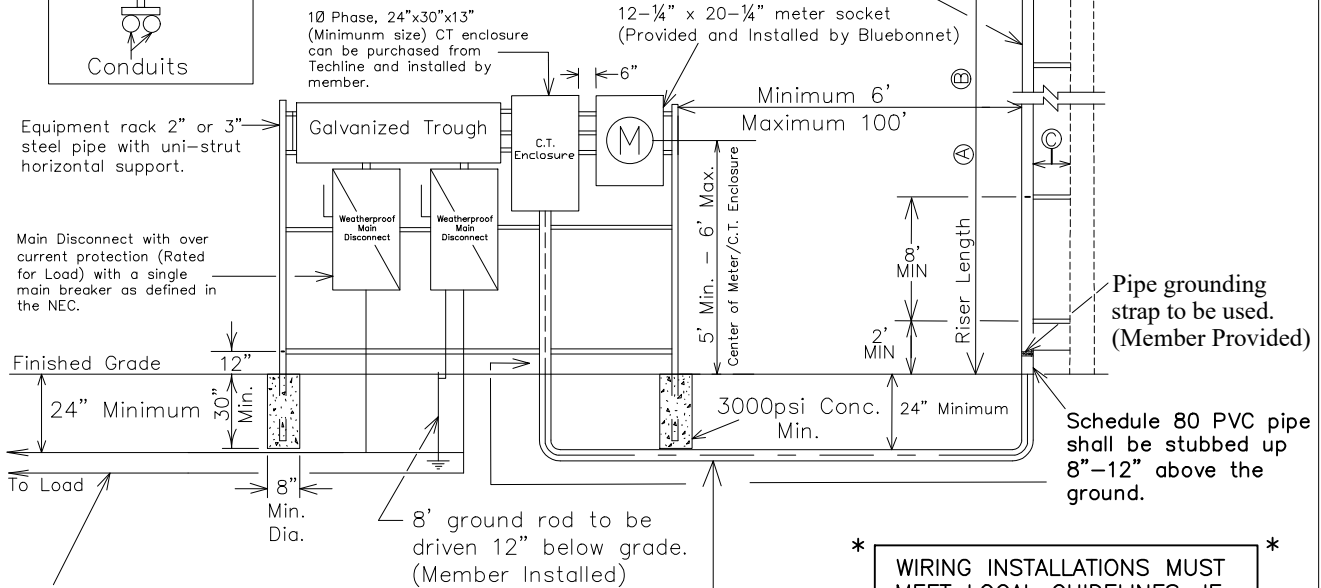
Ⓐ Transformer Pole Riser Length:
 35' Pole = 20' Riser
 40' Pole = 24' Riser

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

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



Only 2", 3", or 4" approved electrical metal conduit is allowed. Risers will not exceed 2 risers per pole. Member will provide 12' of conductor tails from top of weatherhead. Bluebonnet to supply stand-offs. (Bluebonnet to mount risers to pole).



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

* 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. *

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

Latest update can be found at <http://www.bluebonnetelectric.coop>

1 PHASE >400-800 AMP SERVICE WITH CT METERING ON RACK



DATE	REVISIONS	Drawn By :	Checked By :	Approved By :
11-28-2017	Bold lettering of schedule 80 PVC	RG	MS COMMITTEE	MS COMMITTEE
11-19-2019	Added Solid Copper Note.			
04-16-2021	Changed the size of the CT Meter Can requirements.	Scale :	DATE:	
11-04-2021	Added Main Breaker Note	NONE	11-04-2021	MS-113B1