

Notes:

1. When more than (1) disconnect is used, a galvanized trough system shall be installed.
2. Line taps shall be made in the galvanized wire trough by the electrical contractor. (See Article 310.10 (H) Per NEC).
3. (2) disconnects can be substituted with (1) disconnect. All disconnects shall have over current protection installed.
4. No more than (2) risers or (2) conductors per phase shall be allowed.
5. Wire shall be sized to total disconnect sizes.
6. Neutral(s) may be reduced no more than two sizes on residential applications. No reduction of the neutral(s) is allowed on commercial application.
7. CT Cans can be purchased from Techline (512-332-2978).
8. Bluebonnet to install meter can, meter and current transformers unless there will be multiple metering points from the trough. Contact the support service department on this type of installation.
9. Maintain 3"-6" distance between the disconnect and the meter can. Member shall use a metal nipple. A straight or offset nipple is acceptable.
10. #6 solid, bare ground copper wire and clamp attached to Bluebonnet's pole ground
11. Total disconnect's will not exceed a total of 800 amps.

12. 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"x42"x16" (minimum size) CT enclosure. Call 800-842-7708 to schedule a connect.
13. 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.

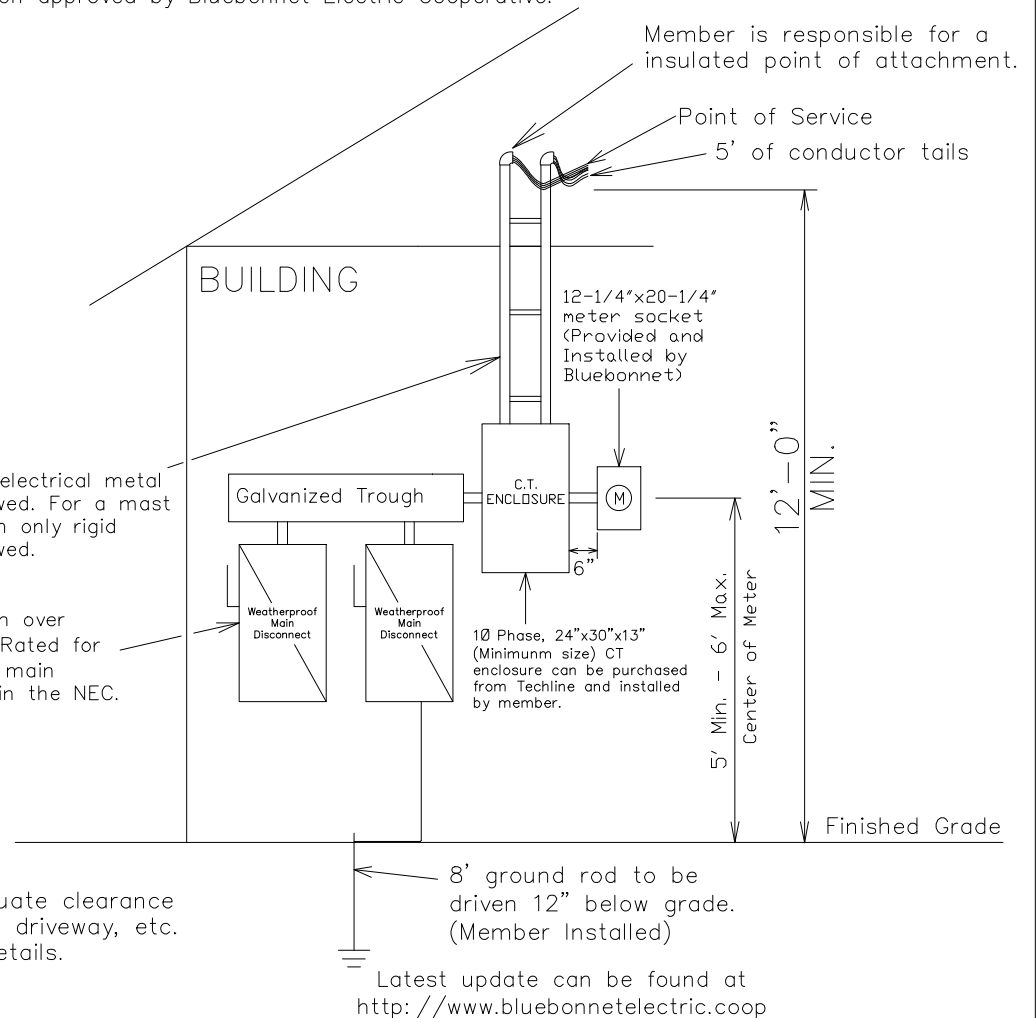
\* WIRING INSTALLATIONS MUST MEET LOCAL GUIDELINES, IF APPLICABLE, SET FORTH BY CITY, COUNTY, OR OTHER GOVERNING ENTITY IN THE EVENT THESE REQUIREMENTS ARE MORE STRINGENT THAN BLUEBONNET SPECIFICATIONS. \*

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

Only approved electrical metal conduit is allowed. For a mast type installation only rigid conduit is allowed.

Main Disconnect with over current protection (Rated for Load) with a single main breaker as defined in the NEC.

Must have adequate clearance over commercial driveway, etc. See NESC for details.



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



1 PHASE >400-600 AMP SERVICE ON BUILDING WITH CT METERING ON BUILDING OR RACK		Drawn By : RG	Checked By : MS COMMITTEE	Approved By : MS COMMITTEE
DATE	REVISIONS	Scale :	Date :	
11-19-2019	Added #6 copper note.	NONE	11-04-2021	MS-112B1
11-04-2021	Added Main Breaker Note			