

Notes:

1. Line taps shall be made in the galvanized trough by the electrical contractor.
2. Weatherproof fittings required.
3. Two disconnects could be substituted with (1) disconnect. All disconnects shall have over current protection.
4. Wire shall be sized to total disconnect sizes.
5. Neutral(s) may be reduced no more than two sizes on residential application. No reduction of the neutral(s) is allowed on commercial application.
6. Member shall contact Bluebonnet Electric to determine the secondary conduit location. Conduit to be installed 36" to the side of transformer. Call 800-842-7708 to schedule an appointment.
7. Bluebonnet will complete wiring into transformer. Have sufficient amount of wire for termination. Member shall install an additional 10' of wire for termination.
8. All secondary connections to be made inside transformer by Bluebonnet.
9. Bluebonnet to provide the CT's.
10. Meter assembly must remain unenclosed on exterior of structure.
11. Member/Electrician shall coordinate with Bluebonnet personnel to install all conduit and the pulling of the secondary wire to the transformer. Member/Electrician shall notify Bluebonnet 48 hours in advance to schedule a time/date to perform the work.
12. If additional trips are made to the site by Bluebonnet personnel, applicable fees may be applied.
13. Maintain 3"-6" distance between the disconnect and the meter can. Member shall use a metal nipple. A straight or offset nipple is acceptable.

Equipment rack 2" or 3" steel pipe with uni-strut horizontal supports.

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

Min. 3000 psi Concrete

To Load
Service to load cable enclosed in minimum schedule 40 Gray PVC nonmetallic conduit.

#6 solid, bare ground wire and clamp attached to Bluebonnet's pole ground.

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

Conduit below finished grade from underground transformer shall be minimum schedule 40 rigid nonmetallic conduit.

Latest update can be found at www.bluebonnetelectric.coop

* 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.

Three phase application, the CT's & meter can be located on/in the transformer.

Non-combustible walls = 5 feet
Combustible walls: 0 to 75kVA = 10 feet
>75kVA = 20 feet

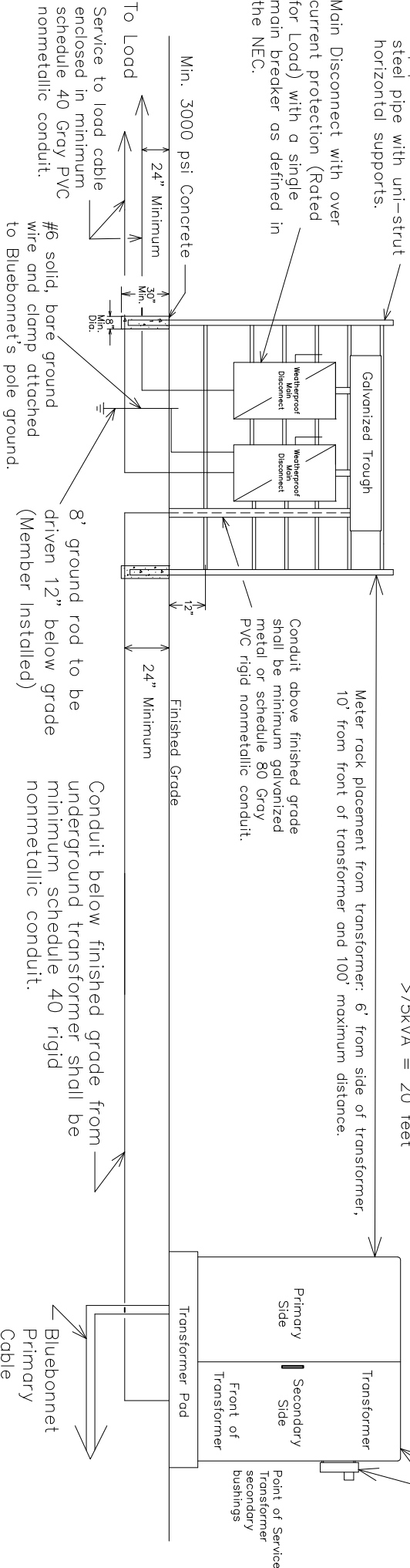
Meter rack placement from transformer: 6' from side of transformer, 10' from front of transformer and 100' maximum distance.

Conduit above finished grade shall be minimum galvanized metal or schedule 80 Gray PVC rigid nonmetallic conduit.

Finished Grade

24" Minimum
30" Min.
8"

24" Minimum
12"



3 PHASE >200 AMP UNDERGROUND SERVICE WITH DISCONNECT ON RACK OR BUILDING		Drawn By :	Checked By :	Approved By :
DATE	REVISIONS	RG	MS COMMITTEE	MS COMMITTEE
11-20-19	Added Solid Copper Note.	Scale :	Date :	
11-04-21	Added Main Breaker Note	NONE	11-04-2021	MS-204A3