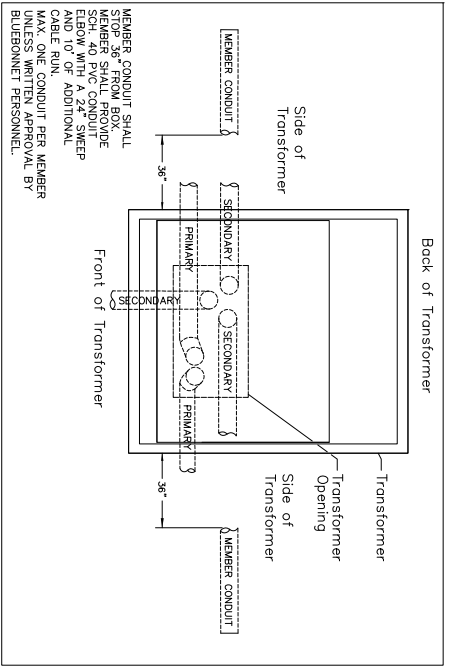


Notes:

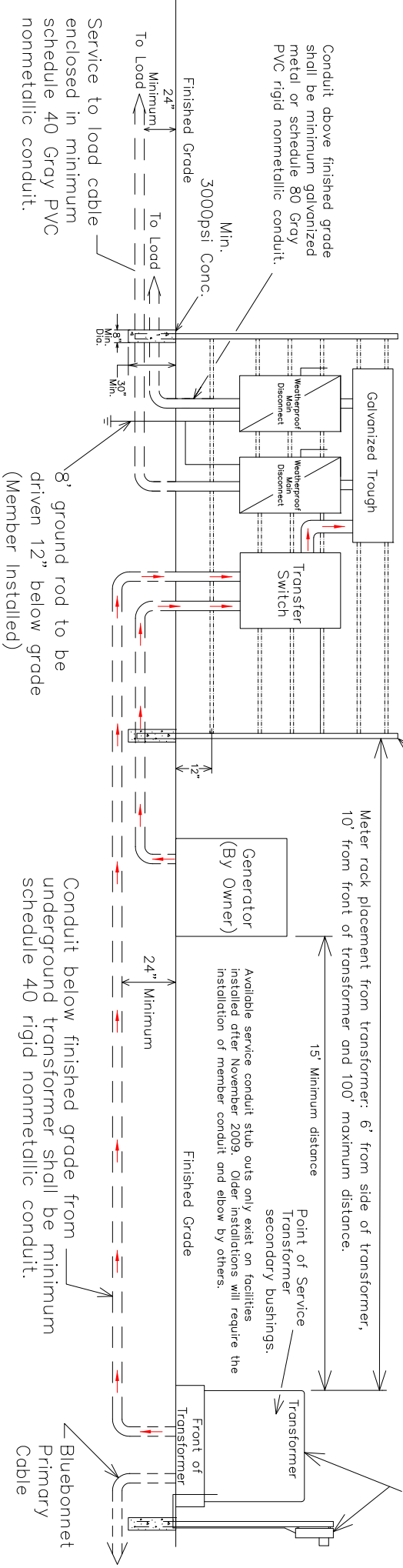
1. Line taps shall be made in the galvanized trough by the electrical contractor.
2. Weatherproof fittings required.
3. (2) disconnects could be substituted with (1) disconnect.
4. Wire shall be sized to total disconnect sizes.
5. Neutral(s) may be reduced no more than two sizes on residential applications. No reduction of the neutral(s) is allowed on commercial applications. Member must contact Bluebonnet Electric to determine where the secondary conduit is to be run to the transformer. 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. Member shall have 10' of additional wire for termination.
8. All secondary connections inside the transformer shall be made by Bluebonnet.
9. Bluebonnet to provide the CTs.
10. Meter assembly must remain unenclosed on exterior of structure.
11. Generator shall be a minimum of 15' away from Bluebonnet's pole and/or equipment.
12. #6 solid, bare ground copper wire and clamp to Bluebonnet's pole ground.



Single Phase Transformer Layout

*** WRING 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.



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

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

15' Minimum distance

Available service conduit stub outs only exist on facilities installed after November 2009. Older installations will require the installation of member conduit and elbow by others.

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

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

Latest update can be found at www.bluebonnetelectric.coop



1Ø >400 AMPs OR 3Ø >200 AMPs UNDERGROUND SERVICE WITH DISCONNECT ON RACK OR BUILDING WITH STANDBY GENERATOR SYSTEM		Drawn By:	BS	Checked By:	MS COMMITTEE	Approved By:	MS COMMITTEE
DATE	ADDED FLOW LINES.	REVISIONS	Scale:	NONE	Date:	11-04-2021	MS-406
11-15-2016	ADDED SOLID COPPER NOTE.						
11-20-2019							