<u>Notes:</u>

- 1. Line taps shall be made in the galvanized wiring trough by the electrical contractor.
- 2 Weatherproof fittings Required.
- 3. (2) disconnects could be substituted with (1) disconnect. All disconnects shall have over current protection installed.
- No more than (2) risers or (2) conductors per phase shall be allowed.
- Wire shall be sized to total name plate disconnect sizes.
- Neutral(s) may be reduced no more than two sizes on residential application. No reduction of the neutral(s) is allowed on commercial application.
- The electrical contractor will notify Bluebonnet 72 hours in advance to schedule Bluebonnet personnel to 13. 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" (minimum size) CT enclosure. Call 800-842-7708 to schedule a connect.

- More than (6) main disconnects require a properly sized main disconnect ahead of the galvanized trough.
- Bluebonnet pole must remain free of structures and private attachments other than meter loop riser assembly.
- 10. Meter assembly must remain unenclosed on exterior of structure.
- 11. 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 Techline (512-332-2978) or any other electrical supplier provided it meets all Bluebonnet Electric Cooperative specifications.
- 12. Maintain 3"-6" distance from the disconnect and the meter can. Member shall use a metal nipple. A

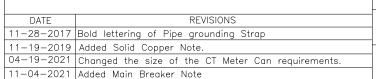
straight or offset nipple is acceptable. The main electrical disconnect for each electrical service shall be installed on the exterior of the building in a location approved by Bluebonnet Electric Cooperative. Only 2", 3", or 4" approved electrical $12-\frac{1}{4}$ " x $20-\frac{1}{4}$ " meter socket metal conduit allowed. Riser will not (Provided and installed by exceed 2 risers per pole. Member will Bluebonnet) provide 12' of conductor tails from top of 1Ø Phase (24"x30"x14" minimum size) weatherhead. BEC to supply stand-offs. CT enclosure can be purchased from (Bluebonnet to mount risers to pole) Techline and installed by member. Main Disconnect with over Riser Length: Point of Service Pole = 20' Riser current protection (Rated for 40' Pole = 24' Riser Load) with a single main To Load breaker as defined in the NEC. enath $^{\otimes}$ Member's Conduit Member's conduit To Load shall be installed Mair 200 200 8"-12" from pole ser →6 amp or or œ 100' Maximum distance. Weatherproo Main Disconnect C.T. 15' Minimum (M) (M)₿ Max. Pipe grounding 8' MIN <u>Mi</u>r strap to be used. ,-0, Galvanized Trough of (Member Provided) -Ä. Center #6 solid, bare ground wire and clamp attached to Bluebonnet's pole ground. BUILDING 'n, Finished Grade 8' ground rod to be / driven 12" below grade. (Member Installed) Conduit above finished Min grade shall be minimum galvanized metal or schedule 80 Gray PVC Pole Top View Schedule 80 PVC pipe shallrigidnonmetallic conduit. w/ Conduits be stubbed up 8"-12" above the ground. Pole WIRING INSTALLATIONS MUST MEET LOCAL GUIDELINES, IF ^LConduit below finished grade shall be APPLICABLE, SET FORTH BY minimum schedule 40 Gray PVC rigid CITY, COUNTY, OR OTHER nonmetallic conduit. Con'duits GOVERNING ENTITY IN THE FOR THE MEMBER'S SAFETY, EVENT THESE REQUIREMENTS

ARE MORE STRINGENT THAN

BLUEBONNET SPECIFICATIONS.

1Ø 400-800 TOTAL AMPS WITH MULTIPLE METERING POINTS ON BUILDING. (RISER TYPE)

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

Drawn By :	Checked By:	Approved By:
RG	MS COMMITTEE	MS COMMITTEE
Scale : NONE	Date : 11-04-2021	MS-114A1