∞ \sim 9 Ŋ ν. 4. N Notes: 0 CONFORM TO WIRING INSTALLATIONS SHALL FOR THE MEMBER'S SAFETY, bushings Point of Service OF THE NEC, Bluebonnet primary cable Transformer secondary — BLUEBONNET SPECIFICATIONS. ARE MORE STRINGENT THAN EVENT THESE REQUIREMENTS GOVERNING ENTITY IN THE CITY, COUNTY, OR OTHER APPLICABLE, SET FORTH BY MEET LOCAL WIRING INSTALLATIONS MUST a galvanized wiring trough is used. Weatherproof fittings required. Any combination of six disconnects totaling no more than 400 amps can be used. REF. NEC, SEC 230.71 Metering cannot be mounted on the side of a mobile home residential applications. No reduction of the neutrals is Neutrals may be reduced no more than two sizes on Recommended wire size is either parallel 2/0 THHN copper Main disconnect panel may not be used as a electrical Metering point must remain unenclosed on exterior of Weatherproof main disconnect panels shall have a single main breaker or 6—handle main as defined in the NEC. Member shall install an additional of 10' wire for termination. allowed on commercial applications. or parallel 4/0 THHN aluminum. Line taps shall be made by the electrical contractor if TDLR AND NESC. THE REQUIREMENTS Bluebonnet GUIDELINES, Transformer Front of Transformer Minimum 24" 3" Conduit below finished grade from underground 40 Gray PVC rigid nonmetallic conduit. transformer to meter shall be minimum schedule of transformer. Maximum distance 100'. Meter rack placement from transformer: from side of transformer and 10' front MEMBER CONDUIT SHALL STOP 36 FROM BOX. MEMBER SHALL PROVIDE SCH. 40 PVC CONDUIT ELBOW WITH A 24" SWEEP AND 10" OF ADDITIONAL CABLE RUN. AX. ONE CONDUIT PER MEMBER NLESS WRITTEN APPROVAL BY LUEBONNET PERSONNEL. MEMBER CONDUIT & 11-20-19 Added Solid Copper Note. Gray PVC rigid nonmetallic conduit. be minimum galvanized metal or schedule Finished Grade Conduit above finished grade to meter shall Single Phase Transformer Layout Ø 400 AMP URD SERVICE ON RACK OR BUILDING WITH K BASE BOLTED IN METER SOCKET Front of Transform Back of Transformer 13.11 5 14. Transformer -Transformer Opening Transformer Side of fees maybe applied. Maintain 3"—6" distance between the disconnect and the meter can. Member shall use a metal nipple. A straight or offset nipple is acceptable. Largest wire to be pulled in to the meter can is 500 MCM Cooper. A detailed load sheet shall be filled out and returned to Bluebonnet before the Member must contact Bluebonnet 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. #6 solid, bare ground copper wire and clamp to Bluebonnet's pole ground. service will be connected. If additional trip's are made to the site by Bluebonnet personnel, applicable Member/Electrician shall notify Bluebonnet 48 hours in advance to conduit and the pulling of the secondary wire to the transformer. Member/Electrician shall coordinate with Bluebonnet personal to install all All service wires entering the meter can (Top or Bottom Feed) will be terminated at the closest lugs. No phase conductors shall be run through the All secondary connections in transformer are made by Bluebonnet. Only 400 Amps meter cans are allowed. No 320 Amp MeterCans are allowed. schedule a time/date to perform the work. center of the meter can. MEMBER CONDUIT CENTER OF METER 5'Min.-6'Max specifications. Techline phone numbers; Red Rock (512—332—2978) coverplate. The meter lugs can accommodate up to 500 MCM. These meter cans are available for purchase through Techline or any other electrical supplier provided it meets all Bluebonnet Electric Cooperative residential/commercial socket single phase self-contained, large www.bluebonnetelectric.coop <u>Landis & Gyr, Type K—4</u>, Description: 400 amp, 4 terminals, 3 wire, 30" Min. K required Metal nipple Drawn By : Scale : Weatherproo Disconnect NONE ∞ 12" below grade to be driven (MEMBER INSTALLED) ground rod 200 AMP Weatherproof Disconnect Date : MS COMMITTEE Checked By: 11-04-2021 disconnect per enclosure No more than one Weatherproof Disconnect(s). schedule 40 Gray PVC enclosed in minimum nonmetallic conduit. Service to load cable -Equipment rack 2" Conc. Min 3000psi horizontal support. pipe with uni-strut 24" Minimum Approved By: \leq MS-203 COMMITTEE stee

|1—04—21|Added Main Breaker Note