## Notes:

- DG Disconnect within 25' of Main Disconnect. DG meter and Disconnect may be on same rack as main Disconnect.
- 2. Weatherproof fittings required.
- 3. Inspection required by local Jurisdiction if applicable.
- 4. DG Disconnect clearly labeled and identified.
- 5. Bluebonnet to provide the CTs.
- 6. Meter assembly must remain unenclosed on exterior of structure.
- 7. DG Meter Rack (If Applicable) shall be a minimum of 6' away from Bluebonnet's pole and/or equipment.

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

Refer to and Use MS-204A3 for main disconnect details.

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.

 $12-\frac{1}{4}$ " x  $20-\frac{1}{4}$ " meter socket (installed by (30"X42"X14" minimum size) Bluebonnet). Conduit above finished grade Three phase application, the (For Solar) shall be minimum galvanized CT enclosure (purchased Equipment rack 2" steel pipe with CT's & meter can are located metal or schedule 80 Gray from Techline and installed uni-strut horizontal supports. on/in the transformer. PVC rigid nonmetallic conduit. by member). Lockable Galvanized Trough Meter rack placement from transformer: 6' from side of transformer, Handle-Type AC Transformer 10' from front of transformer and 100' maximum distance. Safety Disconnect Point of Service Weatherpro Main Disconnec NCLOSURE Secondary Inverter Primary Transformer (Location Side Side secondary Optional) Available service conduit stub outs only exist on facilities installed after November 2009. Older installations will require the Front of installation of member conduit and elbow by others. Transformer Finished Grade Transformer Pad Finished Grade 24" Minimum Minimum To Load Service to load cable  $\leq$  Bluebonnet Conduit below finished grade from enclosed in minimum 8' ground rod to be Primary underground transformer shall be minimum schedule 40 Grav PVC driven 12" below grade Cable schedule 40 rigid nonmetallic conduit. nonmetallic conduit. (Member Installed)

50kW OR >= RENEWABLE

3Ø >200 AMPS UNDERGROUND SERVICE WITH CT METERING ON DISCONNECT RACK OR BUILDING

REVISIONS

DATE

Www.bluebonnetelectric.coop

Drawn By: Checked By: Approved By:

SF DER COMMITTEE SC

12-15-2021

Date :

Scale :

NONE

Latest update can be found at

MS - 554 - 3

