Notes:

- 1. DG Disconnect within 25' of Main Disconnect. DG meter and Disconnect may be on same rack as main Disconnect.
- Weatherproof fittings required.
- Inspection required by local Jurisdiction if applicable.
- 4. DG Disconnect clearly labeled and identified.
- 5. Bluebonnet to provide the CTs.

FOR THE MEMBER'S SAFETY.

Lockable

horizontal support.

OF THE NEC. TDLR AND NESC.

Handle-Type AC

Safety Disconnect

Equipment rack 2" or 3"

steel pipe with uni-strut

To Load

WIRING INSTALLATION AND MATERIAL

SHALL CONFORM TO THE REQUIREMENTS

Finished Grade 24"

Minimum

- 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.
- 8. The main electrical disconnect for each electrical service, and the main solar/battery disconnect(s) shall be installed, on the exterior of the building in a location approved by Bluebonnet Electric Cooperative.

Inverter (Location

Optional)

∏To Solar

Service to load cable

enclosed in minimum

nonmetallic conduit.

schedule 40 Gray PVC

(Installed by Bluebonnet)

(M)

To Load≪

C.T.

NCLOSURE

memher

Min.

Dia.

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.

Refer to and Use MS-113B1 for main disconnect details.

8' ground rod to be

(Member Installed)

driven 12" below grade.

 $12-\frac{1}{4}$ " x $20-\frac{1}{4}$ " meter socket (30"x42"x14" minimum size) Service Pole CT enclosure can be purchased Application from Techline and installed by $12-\frac{1}{4}$ " x $20-\frac{1}{4}$ " meter socket (Installed by Bluebonnet) Galvanized Trough Minimum 6' Maximum 100' →|6"K (M)C.T. Weatherproof Main Max ENCLOSURE Meter ان

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Mi. Center

'n,

Minimum schedule 40 rigid nonmetallic service conduit below finished grade. No schedule 40 conduit allowed above around level on source side of main disconnect.

24" Minimum

8' MIN

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Latest update can be found at http://www.bluebonnetelectric.coop

Pipe grounding

strap to be used.

Schedule 80 PVC pipe

shall be stubbed up 8"-12" above the

around.

(Member Provided)

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Transformer Pole Application



| | 50kW OR >= RENEWABLE | Drawn By : | Checked By: | Approved By: |
|------|--|------------|---------------|--------------|
| DATE | 00 AMPS, 400-800 AMP SERVICE WITH CT METER ON RACK REVISIONS | SF | DER COMMITTEE | SC |
| DATE | INE VISIONS | Scale : | Date : | |
| | | NONE | 12-15-2021 | MS-553-1 |