

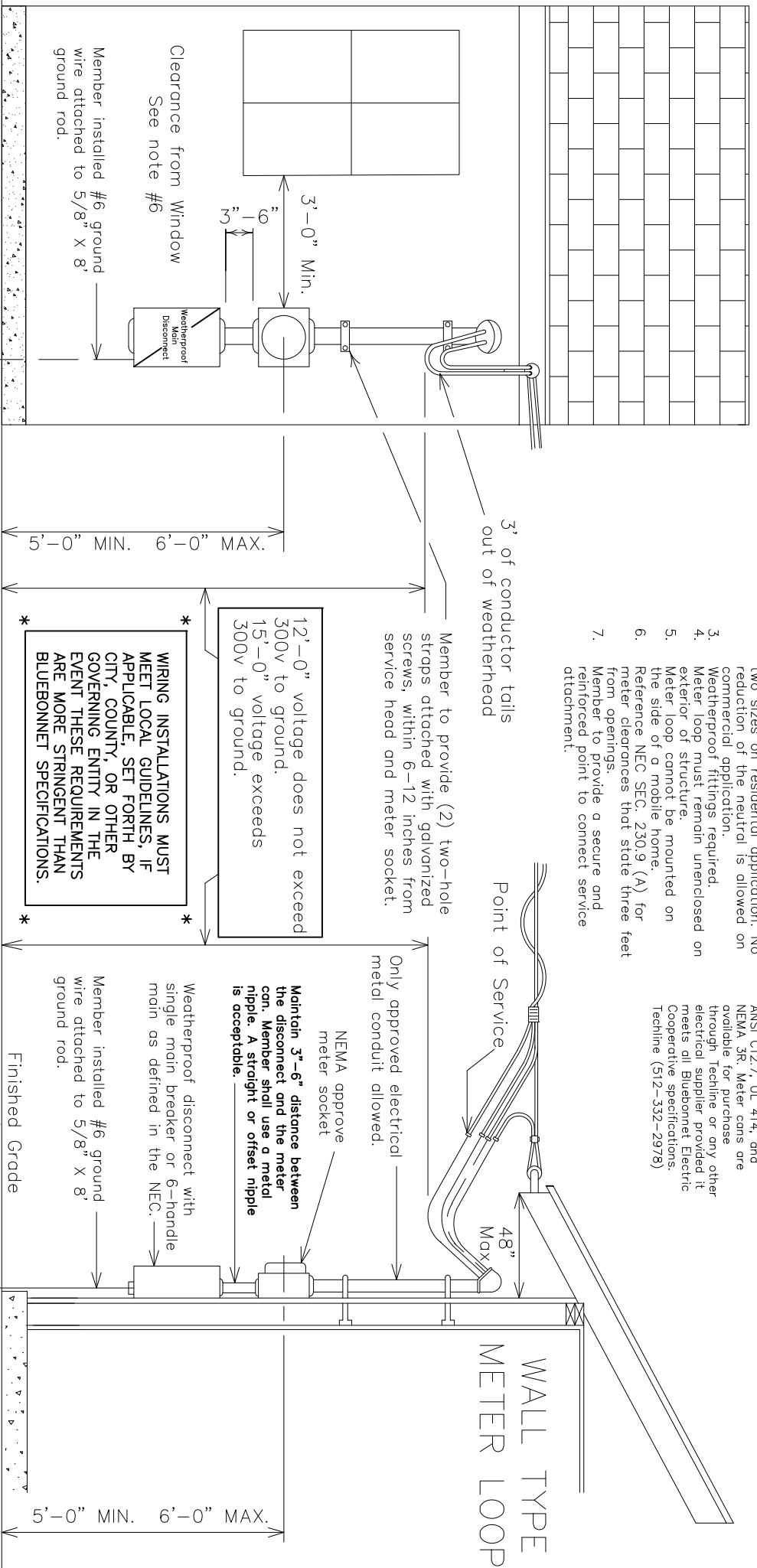
Latest update can be found at  
<http://www.bluebonnetelectric.coop/myHome/electricServices/meterLoop.aspx>

**Notes:**

1. Wire sized to total disconnect size.
2. Neutral may be reduced no more than two sizes on residential application. No reduction of the neutral is allowed on commercial application.
3. Weatherproof fittings required.
4. Meter loop must remain unenclosed on exterior of structure.
5. Meter loop cannot be mounted on the side of a mobile home.
6. Reference NEC SEC. 230.9 (A) for meter clearances that state three feet from openings.
7. Member to provide a secure and reinforced point to connect service attachment.

**FOR THREE PHASE APPLICATIONS**

**DESCRIPTION:**  
 200amp, 7 terminal, 3-phase, 4-wire will require a lever by-pass meeting ANSI C12.7, UL 414, and NEMA 3R. Meter cans are available for purchase through Technie or any other electrical supplier provided it meets all Bluebonnet Electric Cooperative specifications. Technie (512-532-2978)



12'-0" voltage does not exceed 300v to ground.  
 15'-0" voltage exceeds 300v to ground.

**\* 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. \***

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

CURRENT CARRYING CAPACITIES AND CONDUIT/NIPPLE SIZE REQUIREMENTS OF STANDARD WIRE SIZES  
(RUL, RHL, RHW, THW, AND XHHW)  
 THIS GUIDE REFERS TO TABLE 310.15 (B)(7), SINGLE PHASE DWELLING SERVICES. REFER TO NEC FOR OTHER CALCULATIONS.

| COPPER CONDUCTOR |              | ALUMINUM CONDUCTOR |              |
|------------------|--------------|--------------------|--------------|
| Wire Size        | Breaker Size | Wire Size          | Breaker Size |
| #6               | 60 Amp       | #4                 | 60 Amp       |
| #4               | 100 Amp      | #2                 | 100 Amp      |
| #2               | 125 Amp      | #1/0               | 125 Amp      |
| #1               | 150 Amp      | #2/0               | 150 Amp      |
| #2/0             | 200 Amp      | #4/0               | 200 Amp      |

Weatherproof disconnect with single main breaker or 6-handle main as defined in the NEC.  
 Member installed #6 ground wire attached to 5/8" X 8' ground rod.  
 Finished Grade



|          |  |                               |              |
|----------|--|-------------------------------|--------------|
| Date     | 11-27-17                                     | Added Nipple to conduit size. | REVISIONS    |
| 1Ø OR 3Ø | 60-200 AMP METER LOOP ON BUILDING, WALL TYPE | Drawn By :                    | RG           |
| Scale :  | NONE   | Checked By :                  | MS COMMITTEE |
| Date:    | 11-27-17                                     | Approved By :                 | TE           |
|          |  |                               | MS-103WT     |