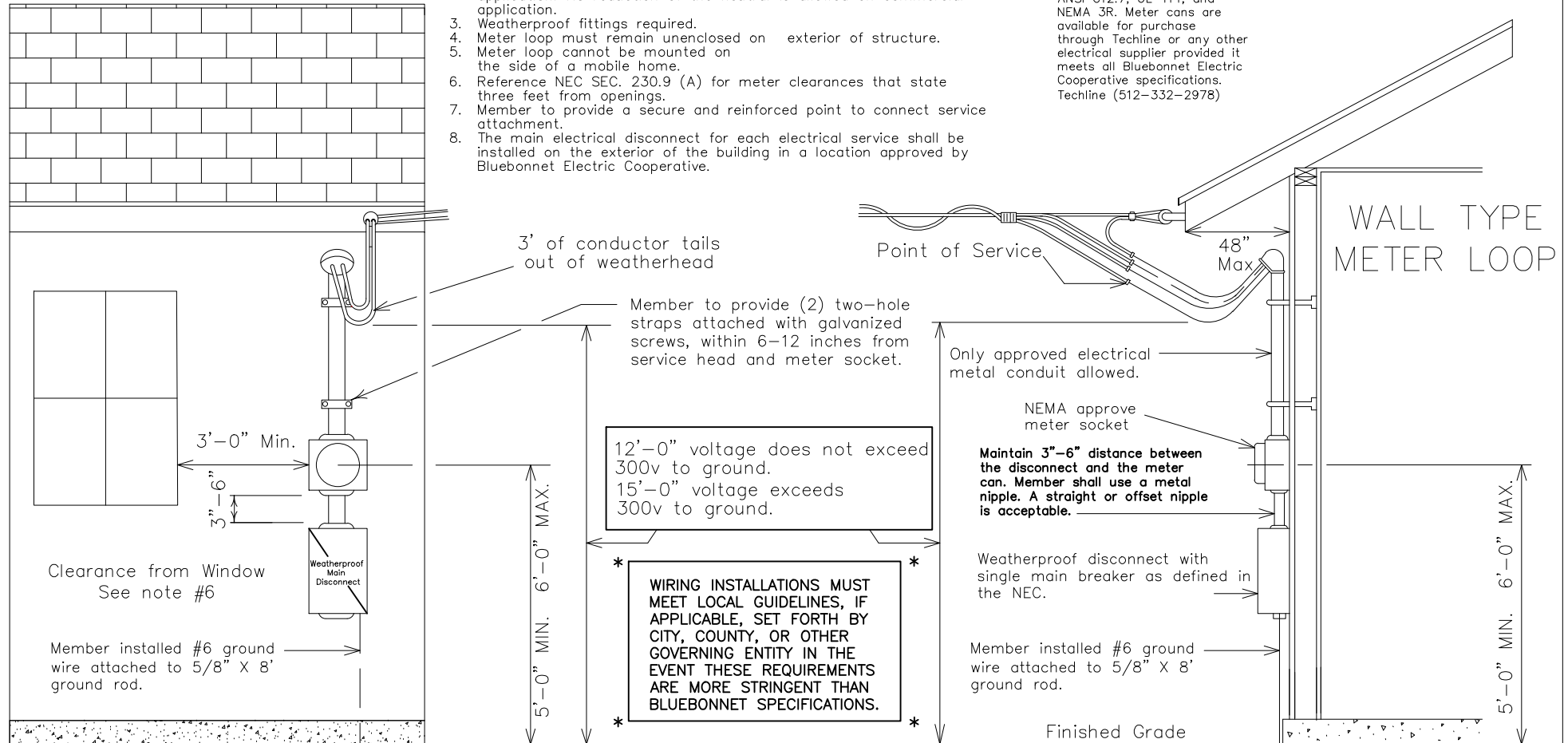


**Notes:**

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.
8. 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.

**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 Techline or any other electrical supplier provided it meets all Bluebonnet Electric Cooperative specifications. Techline (512-332-2978)



**CURRENT CARRYING CAPACITIES AND CONDUIT/NIPPLE SIZE REQUIREMENTS OF STANDARD WIRE SIZES**  
 (RH, RHH, RHW, THW, AND XHHW)  
 REFER TO NEC FOR OTHER CALCULATIONS.

| COPPER CONDUCTOR |              |                     | ALUMINUM CONDUCTOR |              |                     |
|------------------|--------------|---------------------|--------------------|--------------|---------------------|
| Wire Size        | Breaker Size | Conduit/Nipple Size | Wire Size          | Breaker Size | Conduit/Nipple Size |
| #6               | 60 Amp       | 1 1/4" Conduit      | #4                 | 60 Amp       | 1 1/4" Conduit      |
| #4               | 100 Amp      | 1 1/2" Conduit      | #2                 | 100 Amp      | 1 1/2" Conduit      |
| #2               | 125 Amp      | 1 3/4" Conduit      | #1/0               | 125 Amp      | 1 3/4" Conduit      |
| #1               | 150 Amp      | 2" Conduit          | #2/0               | 150 Amp      | 2" Conduit          |
| #2/0             | 200 Amp      | 2" Conduit          | #4/0               | 200 Amp      | 2" Conduit          |

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

Latest update can be found at [www.bluebonnetelectric.coop](http://www.bluebonnetelectric.coop)



|   |                              |                  |                              |                               |
|---|------------------------------|------------------|------------------------------|-------------------------------|
| 1Ø OR 3Ø 60-200 AMP METER LOOP ON BUILDING, WALL TYPE |                              | Drawn By :<br>RG | Checked By :<br>MS COMMITTEE | Approved By :<br>MS COMMITTEE |
| Date  | REVISIONS                    | Scale :          | Date:                        |                               |
| 11-27-17  | ADDED NIPPLE TO CONDUIT SIZE | NONE             | 11-04-20                     |                               |
| 11-04-21  | ADDED MAIN BRAKER NOTE       |                  |                              | MS-103WT                      |