

Weatherhead (Metal)

Insulated conduit  
clevis

3'-0"

2" X 4" blocking  
between rafters  
must be solidly  
installed

48" Max

Point of Service  
3' of conductor tails  
out of weatherhead

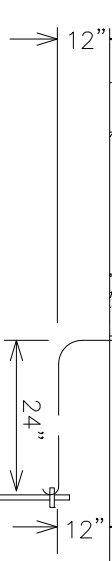
MAST TYPE  
METER LOOP

Only rigid electrical  
metal conduit allowed.

Weatherproof disconnect with  
single main breaker. If no main  
breaker is used, no more than  
6-handle main as defined in  
the NEC.

Member installed #6 ground  
wire attached to 5/8" X 8'

Finished Grade



Notes:

- Main disconnect panel may not be used as an electrical race way.
- Any combination of six disconnects totaling no more than 400 amp. REF: NEC, SEC. 230.71.
- Wire sized to total disconnect sizes.
- Neutral(s) may be reduced no more than two sizes on residential applications.
- No reduction of the neutral(s) is allowed on commercial applications. A galvanized trough will have to be used if more than two disconnects are installed. Line taps shall be made by the electrical contractor.
- Reference NEC SEC. 230.9 (A) for meter clearances that state three feet from openings
- Weatherproof fittings required.
- Meter loop must remain unenclosed on exterior of structure.
- Meter loop cannot be mounted on the side of a mobile home.
- All services entering the meter can from a riser will be top fed.
- Only 400 amp meter can is allowed. 320 amp meter cans are not allowed. A detailed load sheet shall be filled and returned to Bluebonnet before the service will be connected.
- No wires shall run in the center of the can. (Due to the clearance needed to set the meter.)
- Largest wire to be pulled in to the meter can is 500 MCM Copper.
- 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 center of the meter can.

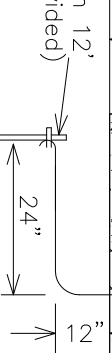
12'-0" voltage does not exceed 300v to ground.  
15'-0" voltage exceeds 300v to ground.

Type K-4, Bolt-in Type Meter Can.  
Description: 400 amp, 4 terminals, 3 wire, residential/commercial socket singlephase self-contained, large cover plate. These meter cans are available for purchase through Techline or any other electrical supplier provided it meets all Bluebonnet Electric Cooperative specifications. Techline (512-532-2978)

**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.**

8' ground rod to be driven 12' below grade (member provided)

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



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



1Ø 400 AMP SERVICE WITH METER LOOP ON BUILDING - MAST TYPE		Drawn By : BS	Checked By : MS COMMITTEE	Approved By : TE
DATE	REVISIONS	Scale : NONE	Date: 07-25-2016	MS-107MT