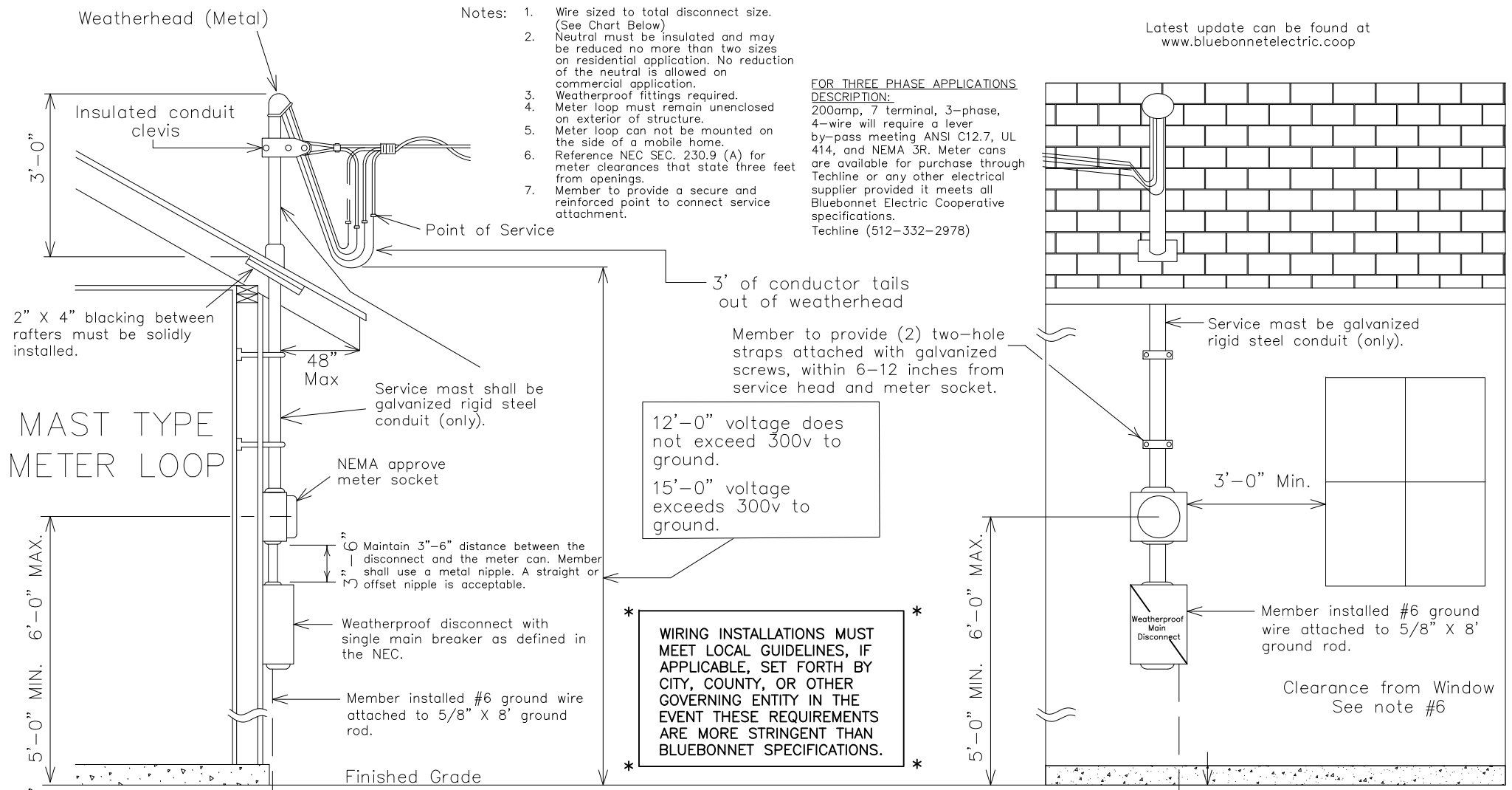


Latest update can be found at
www.bluebonnetelectric.coop

- Notes:
1. Wire sized to total disconnect size. (See Chart Below)
 2. Neutral must be insulated and 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 can not 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 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 1/2" Conduit	#4	60 Amp	1" Conduit
#4	100 Amp	1 1/2" Conduit	#2	100 Amp	1" Conduit
#2	125 Amp	1 1/2" Conduit	#1/0	125 Amp	1 1/2" 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 INSTALLATIONS SHALL
CONFORM TO THE REQUIREMENTS
OF THE NEC, TDLR AND NESC.



1Ø OR 3Ø 60-200 AMP METER LOOP ON BUILDING, MAST TYPE	
DATE	REVISIONS
11-27-17	ADDED NIPPLE TO CONDUIT SIZE
11-04-21	ADDED MAIN BREAKER NOTE

Drawn By : RG	Checked By : MS COMMITTEE	Approved By : MS COMMITTEE
Scale : NONE	Date: 11-04-21	MS-103MT