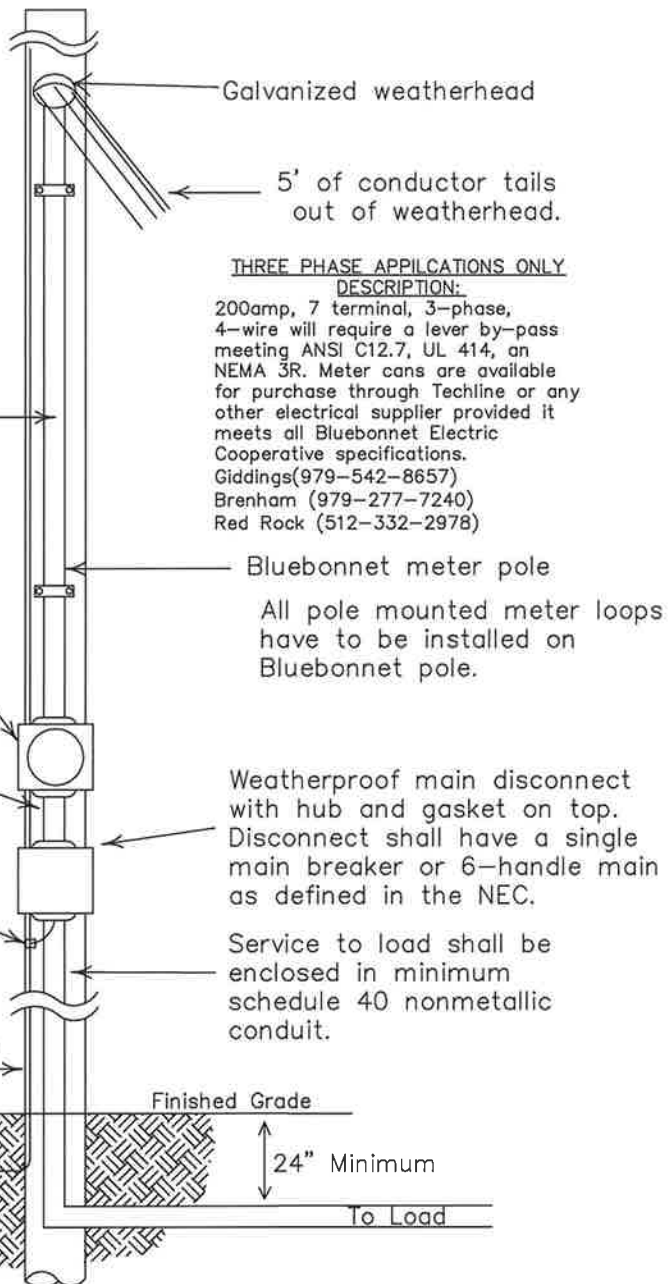


Notes:

1. Neutral may be reduced no more than two sizes on residential application. No reduction of the neutral is allowed on commercial applications.
2. Weatherproof fittings required.
3. 30' meter pole requires a 15' meter loop and a 35' meter pole requires a 19' meter loop.
4. Meter pole must remain free of structures and private attachments other than meter loop.



THREE PHASE APPLICATIONS ONLY
DESCRIPTION:
 200amp, 7 terminal, 3-phase, 4-wire will require a lever by-pass meeting ANSI C12.7, UL 414, an NEMA 3R. Meter cans are available for purchase through Techline or any other electrical supplier provided it meets all Bluebonnet Electric Cooperative specifications.
 Giddings(979-542-8657)
 Brenham (979-277-7240)
 Red Rock (512-332-2978)

Galvanized metal conduit

NEMA approved meter socket shall be between 5' and 6' above finished grade.

Galvanized metal conduit with (1) locknut and fiber bushing inside meter can on nipple and (1) locknut under meter can.

#6 solid, bare ground wire and clamp attached to Bluebonnet's pole ground.

Bluebonnet meter pole
 All pole mounted meter loops have to be installed on Bluebonnet pole.

Weatherproof main disconnect with hub and gasket on top. Disconnect shall have a single main breaker or 6-handle main as defined in the NEC.

Service to load shall be enclosed in minimum schedule 40 nonmetallic conduit.

*** 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 INSTALLATIONS SHALL CONFORM TO THE REQUIREMENTS OF THE NEC, TDLR AND NESCA.

Latest update can be found at www.bluebonnetelectric.coop/setup/meter.shtml

CURRENT CARRYING CAPACITIES AND CONDUIT SIZE REQUIREMENTS OF STANDARD WIRE SIZES (RH, RHH, RHW, THW, AND XHHW)

COPPER CONDUCTOR			ALUMINUM CONDUCTOR		
Wire Size	Breaker Size	Conduit Size	Wire Size	Breaker Size	Conduit Size
#6	60 Amp	1 1/4" Conduit	#4	60 Amp	1 1/4" Conduit
#4	100 Amp	1 1/4" Conduit	#2	100 Amp	1 1/4" 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

METER LOOP ASSEMBLY
 1Ø OR 3Ø 60-200 AMP METER LOOP ON BLUEBONNET METER POLE

Bluebonnet Electric Cooperative, Inc.
 P.O. Box 729
 Bastrop, Texas 78602

DATE	REVISIONS	Drawn By :	Checked By :	Approved By :
2-29-08	Reduced Neutral Size (See Note #1)	BS	SE	TE
11-20-09	Wiring installations local guidelines	Scale :	Date:	
6-08-10	Three phase application description	NONE	6-08-10	MS-101