

electrical contractor if a galvanized Line taps shall be made by the Main disconnect panel may not wiring trough is used. be used as an electrical race way.

Weatherproof fittings required.

used. REF. NEC, SEC. 230.71 totaling no more than 400 Amps can be Any combination of six disconnects

needed, a galvanized trough is required If more than two disconnects are

12.

No reduction of the neutral(s) is allowed than two sizes on residential applications Neutral(s) may be reduced no more Wire sized to total disconnect sizes.

structures and private attachments other Bluebonnet pole must remain free of on commercial applications than meter loop assembly.

w/stand-off brackets and 10' of conductor tails. (Bluebonnet to mount riser to pole) Riser

Stand-Offs

ISGL

Type K-4, Bolt-in type meter can: Description: 400 amp, 4 terminals, 3-wire, residential/commercial socket single phase self-contained, large cover plate. These meter cans are available for purchase through Tech-Line or any other electrical supplier provided it meets all Bluebonnet Electric Cooperative specifications. Techline's phone number, Techline (512-332-2978)

No schedule 40 conduit allowed above service conduit below finished grade. Minimum schedule 40 rigid nonmetallic геидұр $\Theta \Theta$ 24" Minimum Rack installation only. Minimum Maximum 100 CENTER OF METER Min. -5' Min-6' Max 12' D.M. Conc. Min 3000psi $(\stackrel{\triangle}{\leq})$ driven 12" below grade. 8' ground rod to be 200 AMP weatherproof disconnect Equipment rack 2" or 3" with uni-strut horizontal support. 200 AMP weatherproof disconnect Transfe Switch steel pipe (By Owner Generator 24" Minimum

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Finished Grade

Pipe grounding strap to be used. (Member Provided)

pipe shall be stubbed up 8"-12" above the

Schedule 80 PVC

ground.

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10. on exterior of structure. Meter assembly must remain unenclosed 9

a mobile home. Meter assembly cannot be mounted

If secondary service exceeds 1-3" (or 2-2") galvanized metal conduit,

BEC will install a primary underground

and install a "bottom fed" sticker on the BBEC employee will switch the top bottom fed. For bottom feed applications, outside of the meter can. to the bottom fed position prior to setting fed/bottom fed (back of the meter) switch the bottom (URD and Trough) will be All services entering the meter can from transformer at member's expense.

All secondary connections made by

Bluebonnet.

4 Only 400 amp meter cans are allowed.

320 amp meter cans are allowed.

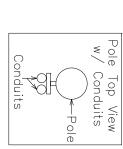
Member shall use a metal nipple.

16. 5 #6 solid, bare ground copper wire and clamp Generator shall be a minimum of 15' away from Bluebonnet's pole and/or equipment.

attached to Bluebonnet's pole ground.

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BLUEBONNET ARE MORE STRINGENT THAN EVENT THESE REQUIREMENTS GOVERNING ENTITY IN THE CITY, COUNTY, OR OTHER APPLICABLE, MEET LOCAL WIRING INSTALLATIONS MUST GUIDELINES, SET FORTH SPECIFICATIONS.



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Load

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

ground level on

source side of main disconnect. Latest update can be found at www.bluebonnetelectric.coop

(Member to provide ground rod.)

** Bluebonnet

11-20-2019 A	11-15-2016	DATE	WITH METER ON	1Ø 400 AMP O/
11-20-2019 ADDED SOLID COPPER NOTE.	11-15-2016 ADDED FLOW ARROWS.	REVISIONS	WITH METER ON RACK OR BUILDING WITH K BASE BOLTED IN METER SOCKET.	10 400 AMP O/H SERVICE TO A UNDERGROUND STANDBY GENERATOR SYSTEM
Scale : NONE			RG	Drawn By :
11 04 2021	Date : 11-04-2021			Checked By :
MS-403			MS COMMITTEE	Approved By: