underground transformer 4" x 4" Minimum size treated pole or equivalent Minimum recommended 100 Amp meter socket designed for underground service. 6" metal conduit Min. 1.5" rigid/intermediate metal (steel), rigid aluminum or schedule 80 PVC gray conduit. 60 amp min. weatherproof enclosure Conduit and attachments should with fuse or circuit breaker. be furnished installed by customer. Receptacles shall be weatherproof and GFCI protection per NEC 527.6, provided by customer. Ground wire to be #6 copper Conduit strap minimum fastened to the pole. (1) 5/8" x 8' copper clad ground rods and clamps. End of ground rod to be below grade. Upper end of ground rod to be flush with or below grade. Protective bushing required on end of metal conduit. Call Before You Dig See note #2. 811 or 1-800-482-8998

NOTES:

- Customer facilities shall comply with the National Electrical Code and authorities having jurisdiction.
- Customer provides minimum wire size of #6 copper. The service should be long enough to reach the connection point inside the pedestal or transformer.
- 3. All conduit connections to be raintight.
- Customer to trench to within 12" of pedestal or transformer. Minimum depth of trench is 24".
- 5. Location of underground cables shall be identified prior to digging.
- 6. Ground wire shall be attached to wall in PVC, NEC Code 250.52

EXPECTED LOAD	CONDUIT SIZE	COPPER (INSULATION PER NEC)	Alumium (INSULATION PER NEC)	NEUTRAL WIRE SIZE	GROUND WIRE SIZE
100 Amp	2 "	#4	#2	same as phase	#6 Cu
200 Amp	2 "	2/0	4/0	same as phase	#6 Cu

NEC = National Electric Code (current code requirement)

The Customer shall notify Arkansas One Call and shall have One Call locate all underground facilities before digging. It shall be the responsibility of the

customer to stay clear of all underground facilities.

Temp shall be on right hand side when facing front of

ELECTRICIANS!!: Always contact PMU

before installing the service entrance.

PARAGOULD MUNICIPAL UTILITIES

TEMPORARY SERVICE FROM AN UNDERGROUND SOURCE

APPROVED BY: DM DATE: 10/28/2025

CHECKED BY: DM DH KC ES JB

DRAWN BY: LL DWG #: 1010

PMU

OFFICE PHONE #

870-239-7700