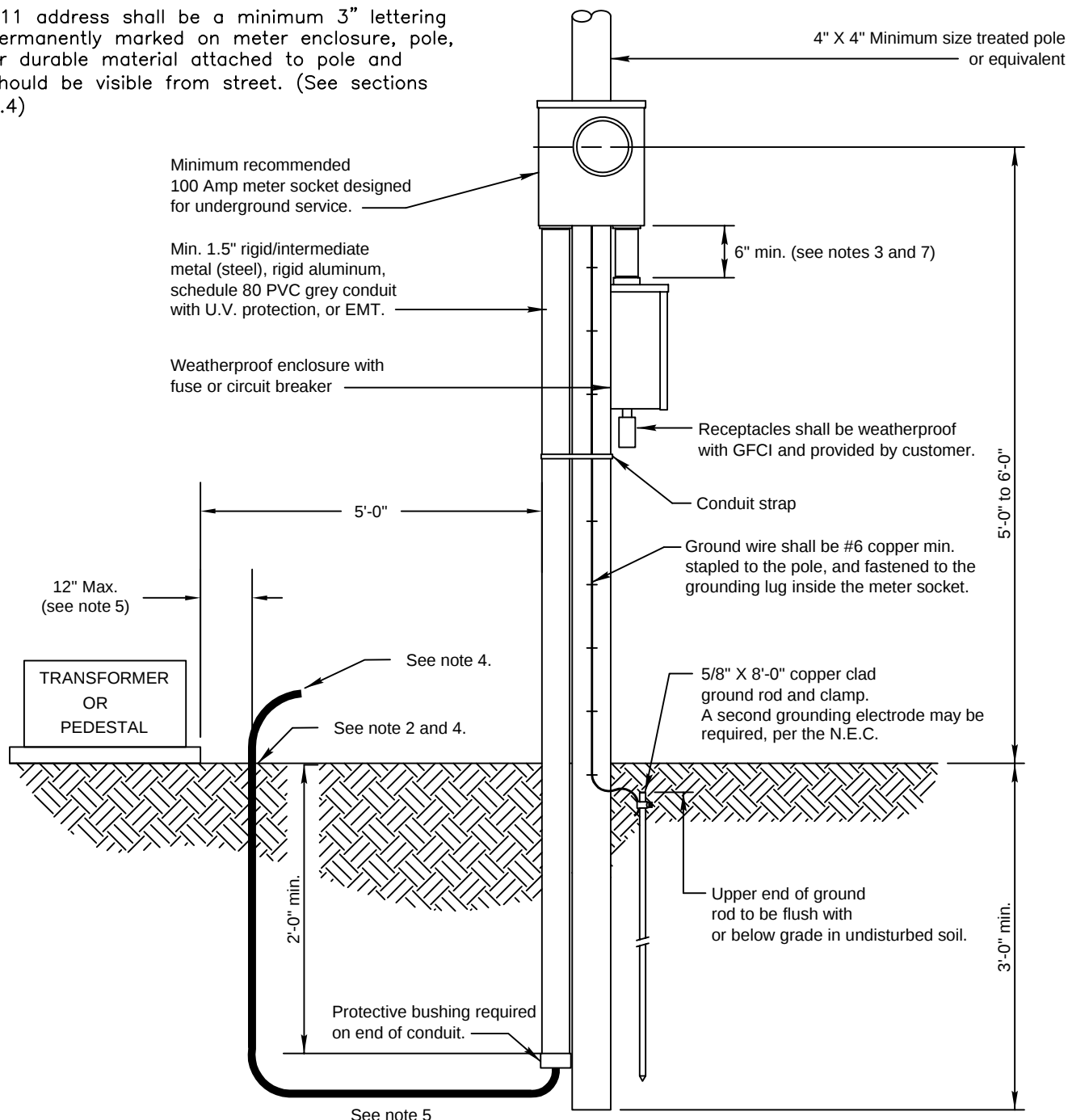


911 address shall be a minimum 3" lettering permanently marked on meter enclosure, pole, or durable material attached to pole and should be visible from street. (See sections 3.4)



NOTES:

- Customer facilities shall comply with Company Standards, the National Electrical Code (NEC), and authorities having jurisdiction.
- Customer provides minimum wire size of #6 copper or #4 aluminum. All conduit connections to be weatherproof.
- Service wire suitable for direct burial to be furnished, installed and maintained by customer. Customer to tail out enough service wire to reach inside of pedestal or transformer lugs.
- Customer to trench to within 12" of pedestal or transformer. Minimum depth of trench 24".
- Location of Customer's underground cables shall be visibly marked by customer prior to Company energizing service.
- If the conduit between the meter socket and the main disconnect is not metal, a bonding ground is required.
- When air conditioned or electrically heated construction trailers are to be served, please see drawing D4-5 or consult the Company.

CALL 811 TWO BUSINESS DAYS
BEFORE YOU DIG

In locations with underground facilities, the Customer shall notify 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.

ENTERGY SERVICES, INC.

TEMPORARY POLE SERVICE FROM AN UNDERGROUND SOURCE

APPROVED BY: GB DATE: 03/11/2013
CHECKED BY: EB SCALE: None
DRAWN BY: krich95



No. D4-2

PLOT 1=1 SH. 1 OF 1

3	11-3-25	REVISED PER CUSTOMER INSTALLATIONS 2025	ERG	EB
2	06/15/17	ADDED SOURCE TO POLE DIMENSION, RENUMBERED NOTES.	ERG	
1	02/13	REVISION OF DRAWING SS4.5-2	JED	
NO.	DATE:	REVISION	BY:	APPR:

Shall meet requirements of drawings D4-6, D9-3, D8-2, and either D8-4, or D8-5.

911 address shall be a minimum 3" lettering permanently marked on meter enclosure, pole, or durable material attached to pole and should be visible from street. (See section 3.4)

EMT, or schedule 80
PVC grey conduit with U.V. protection.

Weatherproof enclosure with
fuse or circuit breaker

Ground wire to be fastened to the pole
and sized per table below.

Threaded coupling, adapter,
or sleeve as appropriate
(above ground)

6" max.

2'-6" min.

Protective bushing required on
end of conduit unless complete
conduit system is used.

36" Radius - Factory Bend
(If PVC, sched. 80 required)

For location of pole
consult the Company.

Minimum 6" round
or 4" x 6" treated
pole or equivalent

Meter socket designed for
underground service.

6" min. (see note 5)

Customer is responsible for
wiring to the meter, all
conduit, neutrals, grounds,
and bonding.

Expansion fittings shall be provided
above grade to ug runs of direct
buried PVC conduit emerging from
the ground when required to
compensate for each setting of
movement.

Conduit strap

Ground wire shall be #6 copper min. stapled to
the pole, and fastened to the grounding lug inside
the meter socket.

5/8" X 8'-0" copper clad ground rod and clamp.
A second grounding electrode may be
required, per the N.E.C.
Upper end of ground
rod to be flush with
or below grade in undisturbed soil.

5'-0" to 6'-0"

3'-0" min.

NOTES:

1. Customer facilities shall comply with Company Standards, the National Electrical Code (NEC), and authorities having jurisdiction.
2. All conduit connections to be raintight.
3. When installing conduit system, customer shall extend conduit to pole or underground system. Consult the company for details. (See drawings D8-4 and D8-5).
4. Location of underground cables shall be identified prior to digging.
5. If the conduit between the meter socket and the main disconnect is not metal, a bonding ground is required.

Minimum Customer Wiring Size - Family Residence Single Phase **

METER SIZE	CONDUIT SIZE	Current carrying & neutral wire size (per NEC)		GROUND WIRE SIZE
		ALUMINUM	COPPER	
100 Amp	2"	#2	#4	#6 *
200 Amp	2.5" ***	4/0	2/0	#4
320 Amp	3"	500	350	#2

* Wire sizes based upon customer breaker size.

** For 3Ø, consult the Company Commercial & Industrial. Wire sizes are typically larger.

***Arkansas only 2" permitted.

CALL 811 TWO BUSINESS DAYS
BEFORE YOU DIG

In locations with underground facilities, the Customer shall notify 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.

ENTERGY SERVICES, INC.

PERMANENT POLE - UNDERGROUND
SERVICE TO LOCATION
(EXAMPLE: MOBILE HOME)

APPROVED BY: GB DATE: 02/20/2013

CHECKED BY: EB SCALE: 3/4"=1'-0"

DRAWN BY: krich95

...\\Desktop\entergy logo.png

No. D4-5

PLOT 1=1 SH. 1 OF 1

3	11-3-25	REVISED PER CUSTOMER INSTALLATIONS 2025	ERG	EB
2	06/15/17	Revised notes	ERG	
1	02/13	REVISION OF DRAWING SS4.6-3	JED	
NO.	DATE:	REVISION	BY:	APPR: