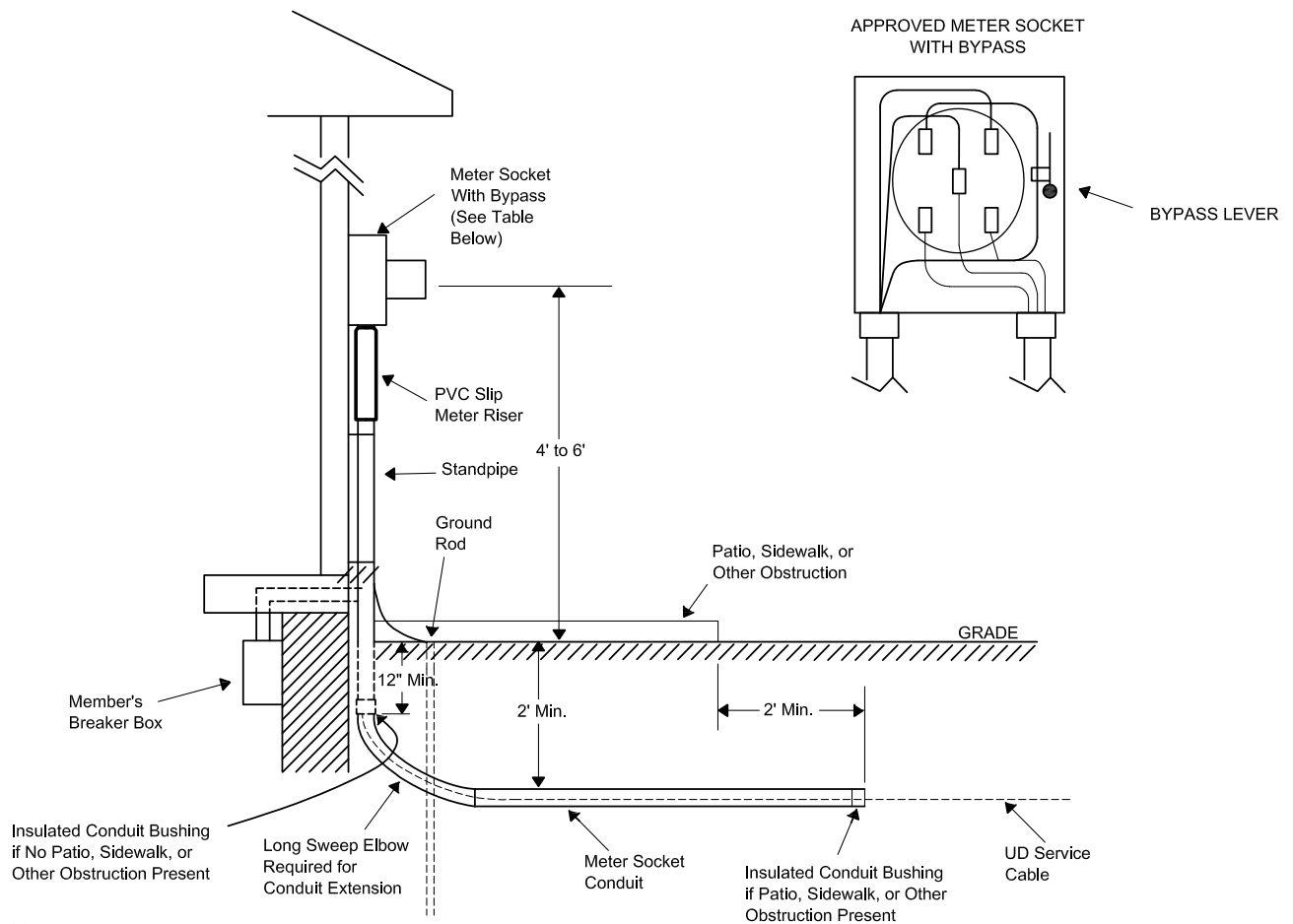


# Meter Socket Installation Guide

## Underground Residential Service



### Notes:

1. Connexus Energy installs meter when connection is made.
2. Install ground rod to the side (**Not in front**) of meter socket conduit.
3. Meter socket conduit must extend **2' beyond** sidewalk, patio, or other obstruction. 50' max run.
4. A slip meter riser shall be installed below the meter base and shall be a minimum 18" length Schedule 80 PVC.
5. The member **will** be responsible for providing the slip meter riser and standpipe. Standpipe should correspond in size to slip riser. Member **will** be responsible for elbow and underground conduit extension if there is a patio or other obstruction.
6. If disconnect or other apparatus is located directly below meter, 2' min is required between bottom of apparatus to final grade.
7. 350 lugs are required for all 320 amp services.

SVC SIZE IN AMPS	METER SOCKET	SLIP METER RISER
0-200	Approved 200 AMP socket with lever bypass is required.	2" diameter, 18" min. length, schedule 80 PVC.
201-400	Approved 400 AMP max / 320 AMP continuous socket with lever bypass is required.	3" diameter, 18" min. length, schedule 80 PVC.
401-600	Consult with Connexus Energy.	Consult with Connexus Energy

Wiring must meet all Connexus requirements as stated on the application and Electrical Code Requirements. Connexus Energy will supply, install, and connect conductor on the line side of the meter socket.

# Ways You Can Help Expedite Your Electric Service Connection

## Customer Checklist

- ❑ Call our Residential Builders line at 763.323.4214 to apply for service after breaking ground, or fill out application online at [www.connexusenergy.com](http://www.connexusenergy.com).
- ❑ For Temporary Service: Owner must provide and install a temporary power pole within five feet of the permanent service location. Additional charges will apply.
- ❑ Pay Aid to Construction quote.
- ❑ Meter Socket Requirements: Meter sockets must have a lever operated bypass. Approved bypasses are: Landis & Gyr HQ and Millbank HD (Heavy Duty). Service meter sockets must be placed in areas with clear access on the outside of your structure. The placement of fences, landscaping, air conditioners, decks, etc., must not interfere with installation, service, or meter readings. 350 lugs are required for all 320 amp services.
- ❑ The owner is responsible for locating and marking any septic system, underground cables, or other underground facilities located on the property.
- ❑ The grade and landscaping of the property must be within four (4") inches of final grade. A clear, unobstructed path must be provided for electric cables or Connexus Energy facilities (10 ft. for underground and/or 30 ft. for overhead).
- ❑ After the service is designed and all required permits are received, scheduling will begin. Gopher State One Call will be notified – this is a requirement of Minnesota State Statutes and requires two business days.
  - Master Electrician Wiring: Upon receipt of the electrical affidavit, Connexus Energy will assume that all requirements are met (unless otherwise indicated on certificate) and schedule construction.
  - Owner Wiring: When owner does the wiring, a copy of the electrical affidavit should be submitted to Connexus Energy. Upon receipt of notice from State Inspector of the State Board of Electricity certifying approval of installation, Connexus Energy will assume that all requirements are met and schedule construction.

Connexus Energy will make every attempt to complete the necessary construction within 10-15 working days of being notified that the consumer's connection requirements are fulfilled. There may be additional charges for winter construction of underground facilities that are installed by Connexus Energy between November 1 and April 1.

If you have any questions call our Residential Builders line at 763.323.4214.