

Installation Requirements



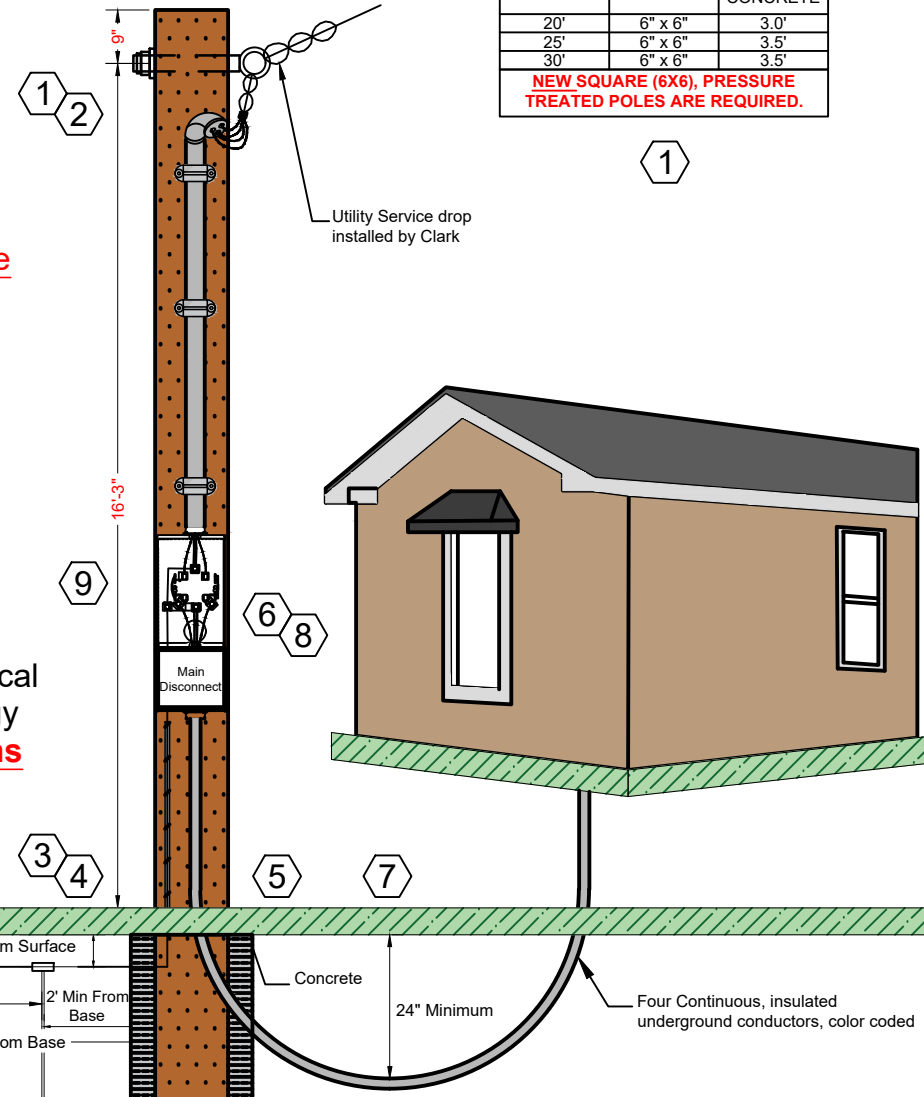
A Touchstone Energy Cooperative

REVISION DATE: 01/01/2020 SCALE: N/A
Mobile Home Meter Install Spec Sheet

- Consumer/Developer will provide a **NEW minimum (6x6) 20 foot pole**, see table to the right. **No Meter Pole should be installed until the field engineer completes the site survey to prevent any delay in job construction.**
- Top of the consumer's conduit should be within **30 inches** from the top of the pole. **Conduit may be PVC Schedule 40 or intermediate metal.** See table below for conduit sizes.
 - Eyebolt furnished by Clark shall be **9" from top** of meter pole.
- The **grounding electrode** conductor must follow in accordance with table below.
- Consumers shall **install (2) eight foot copper ground rods. Ground rods must be bonded** back to the meter pole and meter base.
- ALL METER POLE BASES MUST BE SET IN CONCRETE.**
- Meter Pole required distances:
 - A **minimum of 3 feet from perimeter** of mobile home.
 - A **maximum of 30 feet from perimeter** of mobile home
 - A **maximum of 40' from Clark Energy's last pole.**
 - Consumer/Developer must **supply and install the meter base, meter pole, disconnect, conduit up the meter pole and all service wire within the conduit.** Service equipment, conductor and conduit is available at most electrical supply stores.
- Service cable between the meter pole and mobile home must be buried. **Direct burial** must be **installed to a 24 inch depth** from the top of the cable. Service cable installed within an approved conduit must be installed to a **minimum 18 inch depth** to the top of the conduit.
- Meter Pole/Base Locations must be approved in advance by Clark Energy. Center of Meter base should be installed between **5 to 6 feet** above final grade.
- Once the Consumer/Developer has **installed the meter pole, eye bolt, meter base, disconnect, conduit, and ground rods**, contact local electrical inspector for an inspection or for specific wiring questions. Clark Energy will provide a list of county approved inspectors. **Electrical Inspections are required before electric service can be made available.**

For additional information contact Clark Energy, Engineering Department at 859-901-9230.

POLE REQUIREMENTS		
HEIGHT/LENGTH	SIZE	DEPTH IN CONCRETE
20'	6" x 6"	3.0'
25'	6" x 6"	3.5'
30'	6" x 6"	3.5'
NEW SQUARE (6X6), PRESSURE TREATED POLES ARE REQUIRED.		



AMPS	SERVICE ENTRANCE WEATHERHEAD TO DISCONNECT CONDUCTOR THW OR EQUIVALENT			FEEDER CIRCUIT SERVICE POLE TO MOBILE HOME CONDUCTOR USE UF, URD, OR EQUIVALENT			INSULATED COPPER GROUNDING WIRE (GREEN)		
	COPPER CONDUIT	ALUM CONDUIT	CONDUIT	COPPER CONDUIT	ALUM CONDUIT	CONDUIT	COPPER	ALUM	CONDUIT
100	#4	1 1/2"	#2	1 1/2"	#4	1 1/2"	#2	1 1/2"	# 8
150	#1	1 1/2"	#2/0	1 1/2"	#1	1 1/2"	#2/0	1 1/2"	# 6
200	#2/0	1 1/2"	#4/0	2"	#2/0	2"	#4/0	2"	# 6