



**Overhead Service with Entrance Cable  
100, 200 and 320 Ampere**

1. Location of meter base shall be determined by a representative of Union Rural Electric (mutually acceptable to the consumer).
2. Meter base shall be mounted 48" - 60" from ground level to the center of the meter base on the outside of building. Must be accessible at all times to URE employees.
3. Service cable to have the ampacity rating at least equal to the size of service being installed.
4. Service cable will have a raintite service head.
5. Straps will be placed on the conduit on cable at 2 ft. intervals.
6. A raintite connector will be used in the top of the meter base.
7. A non-raintite connector may be used in the bottom of the meter base.
8. Service must be grounded with a 5/8" X 8' ground rod and ground wire connected to the service panel. Use the following size ground wire:  
100 Amp - #6 bare copper  
200 & 320 Amp - #4 bare copper
9. Member or contractor shall furnish all material and labor to install complete service.
10. Union Rural Electric furnish and install service drop, wire-holder and meter.
11. All construction must be in compliance with the requirements of the National Electrical Code.
12. Service installation subject to County electrical inspection.
13. Member or contractor shall notify Union Rural Electric after inspection has been accomplished, giving the inspection tag number.
14. Union Rural Electric will not connect service until notified.



**OVERHEAD ELECTRIC SERVICE INSTALLATION**

OCTOBER 2016  
REVISION 2

**120/240 V 1P**

**Q1-OVHD**