METER ON HOUSE INSTALLATION SPECIFICATIONS
100 AND 200 AMP UNDERGROUND SERVICE

MATERIALS FURNISHED
BY MEMBER

1. METER BASE
   To be securely attached to building by member.

2. SCH 80 CONDUIT
   Schedule 80 PVC and bushings for all above ground conduit.
   (with terminal adapter and locknut)

3. PIPE STRAPS

4. EXPANSION JOINT
   Properly separated with larger side up.

5. SCHEDULE 40 CONDUIT
   Electrical grade PVC, schedule 40 below grade.

6. 90 DEGREE SWEEP, 36" RADIUS
   Schedule 40 PVC.

7. COUPLINGS
   (If needed)

8. GROUND WIRE
   No. 6 Stranded Copper (Min.) stapled every 6'.

9. GROUND ROD AND CONNECTORS
   (2) Min. 8" x 5/8" Diameter galvanized steel, copper, or equivalent.

ALL CONDUIT AND COMPONENTS TO BE ______ INCH, ELECTRICAL GRADE.
WIRE TO BE ______ ALUMINUM UNLESS OTHERWISE MUTUALLY AGREED UPON.

NOTES:

1. All conduit and accessories must meet electrical grade specifications. All wiring and materials must
conform to the requirements of all applicable electrical codes. WEC STRONGLY RECOMMENDS THE USE
OF A QUALIFIED ELECTRICIAN.
2. All service entrance wiring must be complete and all necessary excavation and conduit ready prior to
the time of installation of the materials up to the pole. No wire shall be trimmed to fit in any lug or breaker.
Reducing pins must be used to remedy this situation.
3. For trench specifications 3' in depth is recommended or as per National Electrical Code.
4. Before making any changes in your present entrance or installing a new entrance please call the
Cooperative office to make arrangements to have the meter location approved by the Cooperative.
5. Any meter base 200 amps or larger that is commercial or industrial shall have a manual bypass switch.
6. Trimming of wire strands is not allowed. If wire does not fit into lugs or breakers reducing pins must be
   used.
7. Main breaker panel must be within 10 ft of the point where the service wire enters the house to avoid
   an additional disconnect device.

WASHINGTON
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