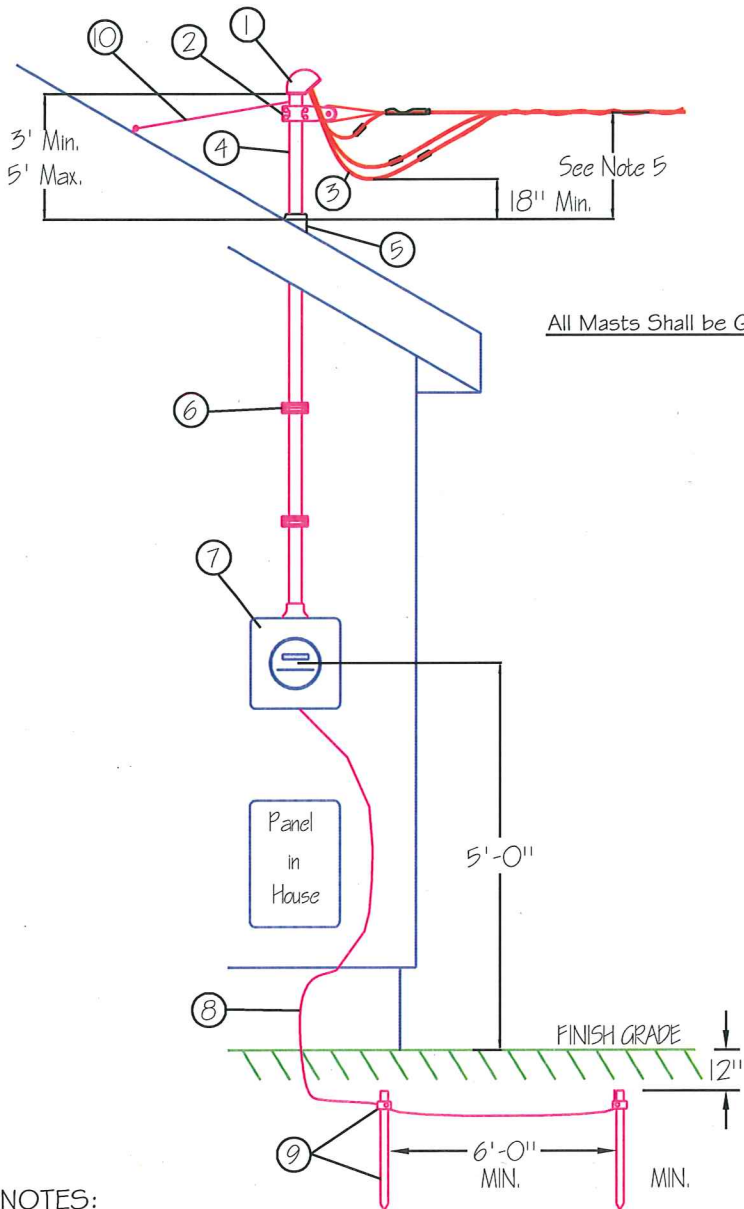


METER ON HOUSE INSTALLATION SPECIFICATIONS 100 AND 200 AMP OVERHEAD SERVICE w/ STACK ENTRANCE



MATERIALS FURNISHED BY MEMBER

SERVICE MAST KIT

Typical Components Include:

1. WEATHERHEAD
2. INSULATED CONDUIT CLEVIS
3. SERVICE ENTRANCE CONDUCTORS
To be installed in conduit with ends extending 3'0" outside of weatherhead for drip loop.
4. 2" RIGID CONDUIT
Galvanized Steel (NOT IMC)
5. ROOF JACK
With weather seal
6. CONDUIT HANGERS
7. METER BASE WITH HUB
Do not place under eaves.
8. GROUND WIRE
No. 6 Stranded Copper (Min.)
9. GROUND RODS & CONNECTORS
(2) Min. 8'0" x 5/8" diameter galvanized steel, copper, or equivalent.
10. GUY WIRE
All Masts SHALL be guyed.

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 entrance wiring must be completed before W.E.C. extends service drop conductors to the building.
3. Before making any changes in your present entrance or installing a new entrance please call the Cooperative office and make arrangements to have the meter location approved by the Cooperative.
4. The point of attachment shall be determined by the required minimum ground clearance of the service drop conductors. (but no higher than **20** ft from ground level)
5. The member assumes the responsibility that the service mast is of adequate strength (including support by braces or guys) to withstand strain imposed by the service drop conductors.
6. Any meter base 200 amps or larger that is commercial or industrial shall have a manual bypass switch.
7. Trimming of wire strands is not allowed. If wire does not fit into lugs or breakers reducing pins must be used.
8. Main breaker panel must be within 10 ft of the point where the service wire enters the house to avoid an additional disconnect device.



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