SERVICE POLES

Service pole, one piece of self supporting 6″ x 6″ x 20′ minimum.

Service location shall be as directed by serving utility company.

Floodlights, signs, ropes, etc. shall not be attached to temp. service & meter pole.

Permit & inspection required.

4″ x 4″ x 6″ wooden block bolted to pole, in ½″ gain.

Provide at least 18″ of wire outside of service head.

10′-0″ min. 230.24(B)

Service conductors #8 AWG min.

Protective covering from service head down 8″ on metallic service riser.

Install strap below fiber conduit.

Service riser conduit
(1) Galvanized rigid steel
(2) Electrical metallic tubing
(3) Polyvinyl chloride schedule 80 (without protective covering).

Armored ground wire or min. or ½″ rigid conduit with min. #8 ground wire.

8′-0″ min.

For 120/250 V, 10 use 4 terminal socket, for other service ck. with service utility company.

Approved ground clamp and fitting must be accessible, conduit must extend to ground rid to protect ground from mechanical injury.

4′-0″ min.
6′-3″ max.

Weather proof service disconnect and branch circuit overcurrent devices (60 Amp main recommended as minimum).

All boxes must be weather proof and receptacles shall be rated for the load to be served. 3 pole type for single phase - 4 pole type for three phase motors, one contact to be used for grounding connection. C.E.C. 406.3.

Natural ground

(1) Bond to waterline
(2) ½″ x 8′ solid rod, brass, or copper clad steel

Where more than one voltage is used, the receptacles shall be non-interchangeable. 406.3(F) C.E.C. ‘07

Underground conduit minimum cover requirements are stated in C.E.C. 300-5.

Ground resistance shall be as per C.E.C. 250.56. 25 ohms to ground.