

OVERHEAD SERVICE

REQUIREMENTS

Pole location must be approved by EBG

6" round at top of 20' treated pole

Pole must be 4' in ground with 16' above ground with concrete tamped solid.

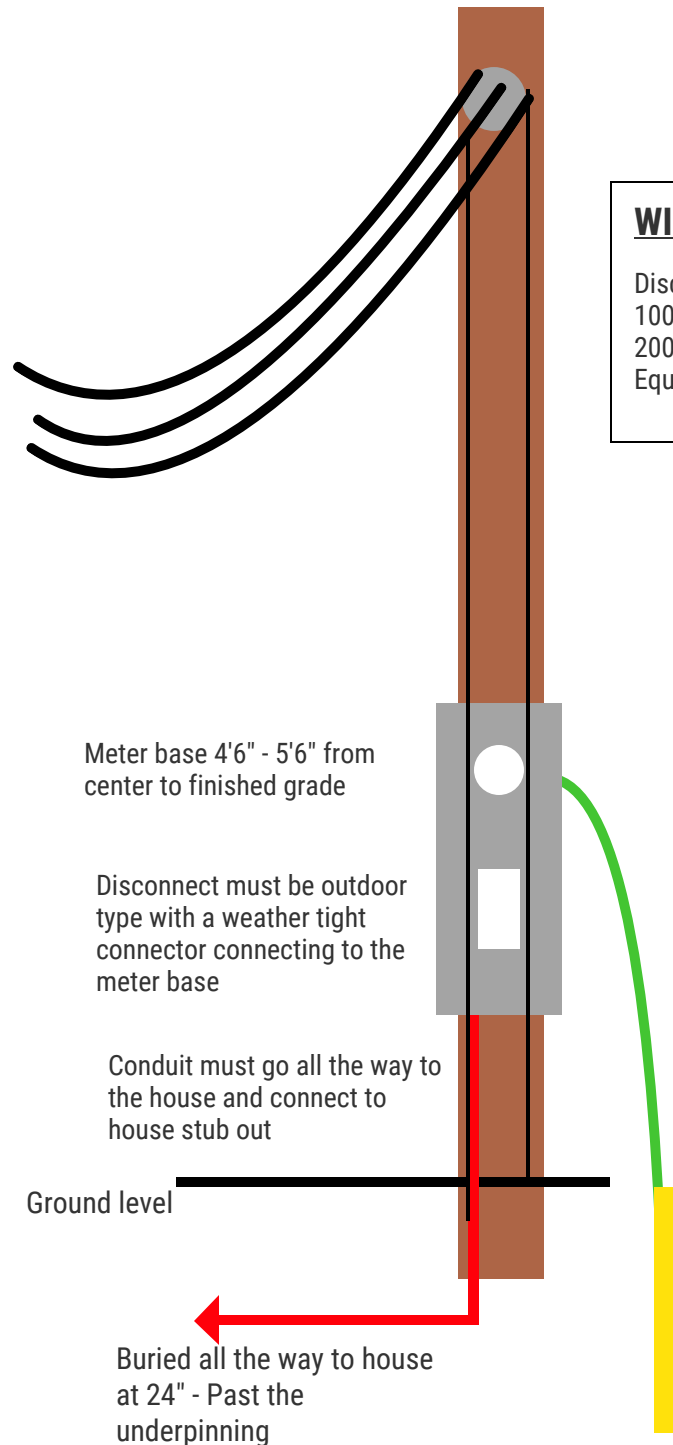
Must use 2" schedule gray PVC conduit with 2" weather head for 200 amp OR service entrance cable with weather head.

Must use 1.25" conduit with a 1.25" weather head for 100 amp OR service entrance cable with weather head.

Must have at least 24" of wire out of weather head and straps no more than 3' apart.

Weather head should be 1' from top of pole if service entrance cable is not used.

All wire connections must be coated with Noalox, Oxgard or approved antioxidant compound



Meter base 4'6" - 5'6" from center to finished grade

Disconnect must be outdoor type with a weather tight connector connecting to the meter base

Conduit must go all the way to the house and connect to house stub out

Ground level

Buried all the way to house at 24" - Past the underpinning

WIRE SIZES

Disconnect	Copper Wire	Aluminum
100 amp	#4	#2
200 amp	#3/0	#4/0
Equipment ground	#4 copper	#4 copper

Must be #4 wire into the house from the disconnect.

All connections beyond the weatherhead will be made by an electrician.

Ground rod with #4 solid copper to meter base stapled to pole - Ground should be attached to the nearest terminal at meter compartment

All services inside the city limits of Guntersville must be inspected by the City Building Department prior to being energized.

5/8 x 8'
Ground rod