

# 200 AMP UNDERGROUND SERVICE

## CONDUIT REQUIREMENTS

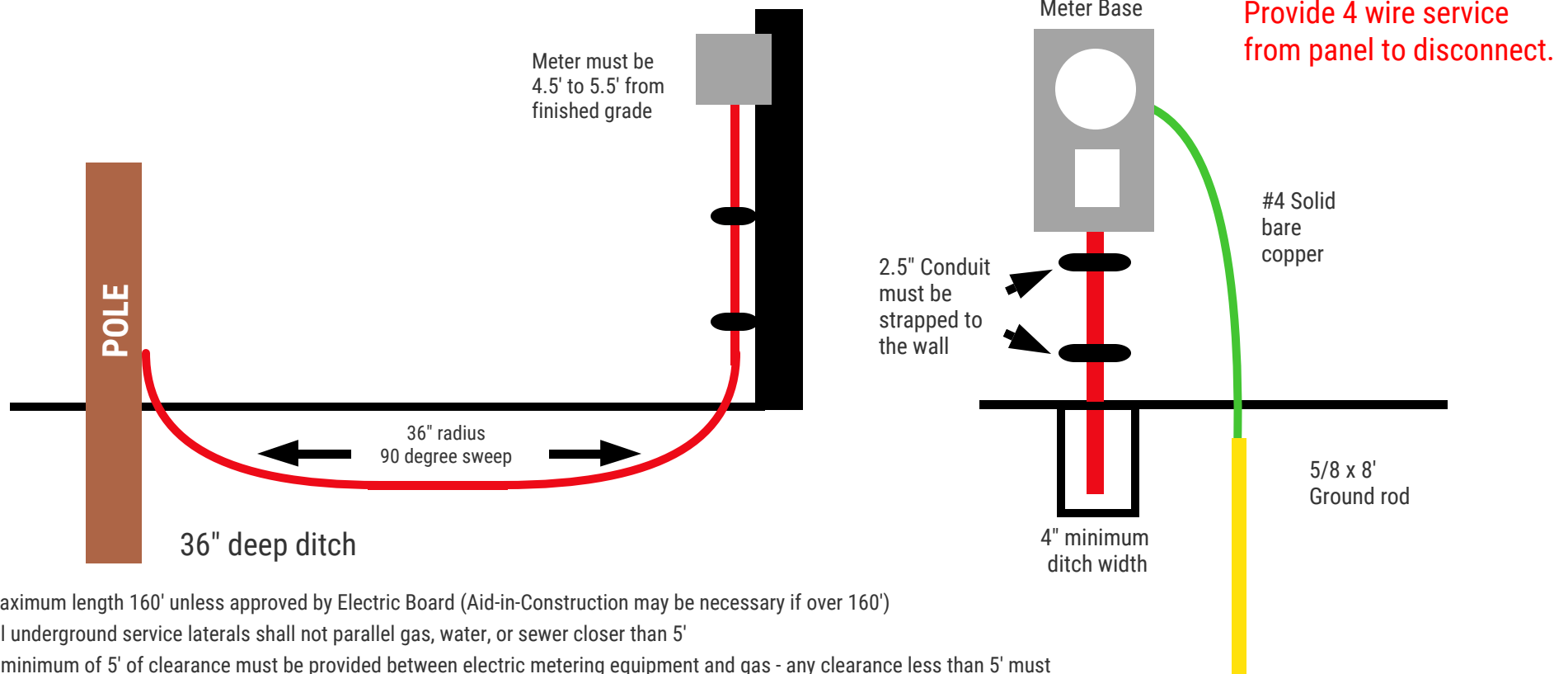
- All conduit will be furnished and installed by owner
- Must be 2.5" schedule 40
- Only two 90 degree bends can be used unless previously approved by EBG
- Owner must supply 30' of conduit and weather head for EBG to install up pole
- All conduits going under drives must be back filled with gravel at a minimum of 3' deep

## DITCH REQUIREMENTS

- Ditch location must be approved by EBG
- Ditch will be opened and closed by owner
- Must be clean and have smooth bottom
- Must be inspected by EBG before covering
- Ditch tape will be installed at a minimum of 12" above conduit

## REQUIREMENTS

- Disconnect - 200 AMP
- Copper Wire - 3/0
- Aluminum Wire - 4/0
- Conduits - 2.5"
- Equipment Ground - #4 solid copper
- All wire connections must be coated in Noalox, OxGuard or approved antioxidant compound



Maximum length 160' unless approved by Electric Board (Aid-in-Construction may be necessary if over 160')

All underground service laterals shall not parallel gas, water, or sewer closer than 5'

A minimum of 5' of clearance must be provided between electric metering equipment and gas - any clearance less than 5' must be approved by Electric Board Personnel.

All single meter bases with separate disconnect unit must be grounded at meter base.

All 200 AMP combination units should be grounded at closest terminal in or near metering compartment.

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

Conduit is required from Disconnect through the wall or framing.

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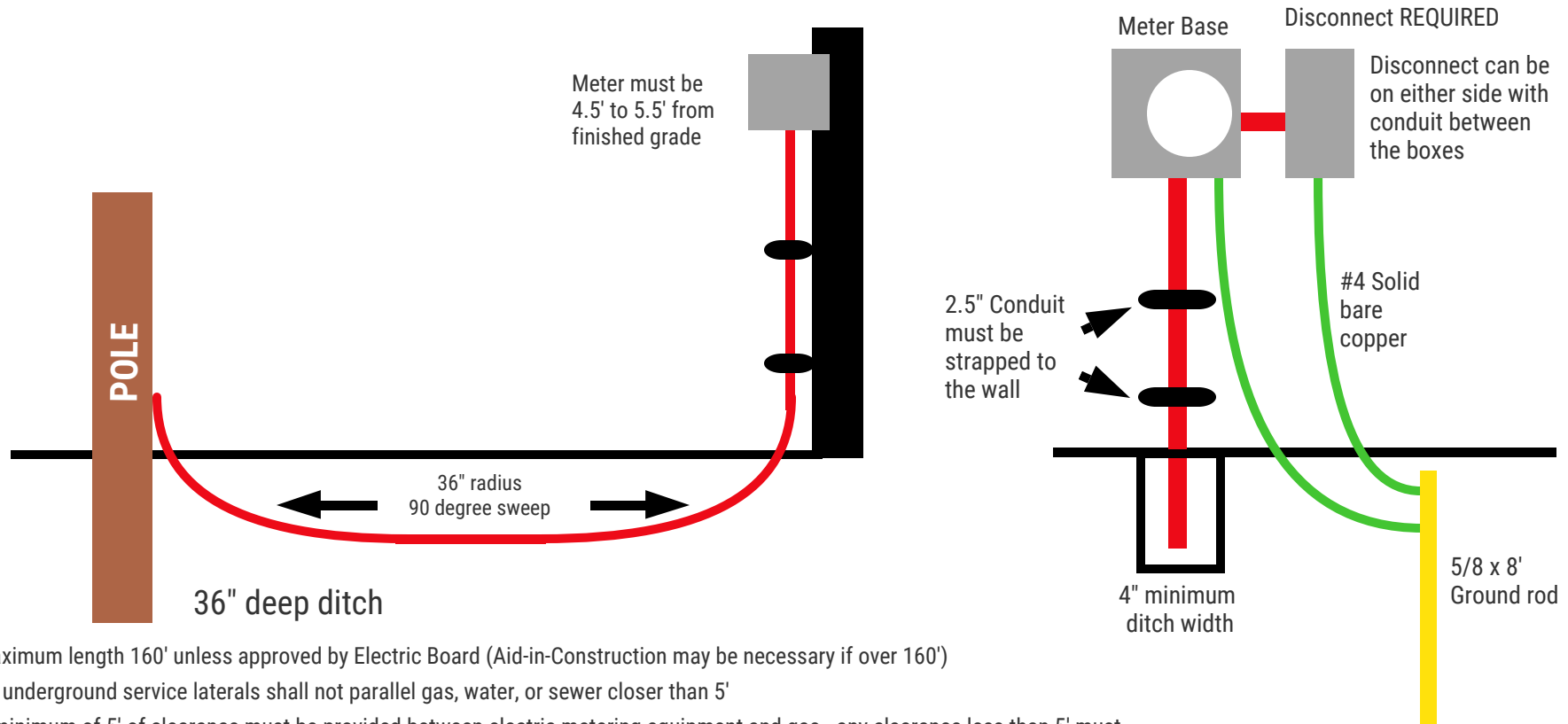
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Provide 4 wire service from panel to disconnect.



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