

SPECIFICATIONS

UNDERGROUND CONDUIT PLACEMENT

SCOPE

- The homeowner/developer/contractor is responsible for providing and adhering to the following underground requirements set by Race. Race Communications will reserve the right to refuse fiber installation if any of the following specifications are not met.

SCHEDULING

- Race needs to apply for a permit and get approval from the Pole Owner before any of the following specifications can be executed.
- Prior to the installation of any conduit, a RACE Communications Field Engineer will need to be scheduled to verify conduit route, pole conduit stub-out, and home stub-out.
- Photos should be sent to RACE showing proof of all specifications required. Once reviewed by the RACE team, photos may be approved, denied, or deemed that a RACE Communications Field Engineer will need to be scheduled for conduit inspection.
- It is the homeowner/developer/contractor's responsibility to contact "Call 811 Before You Dig" prior to any excavation.
- It is the homeowner/developer/contractor's responsibility to contact the local Building Department for any permitting requirements.
- A Race Field Engineer must review a scaled print of the project lot layout.

DIMENSION

- Any conduit run under 250' will require 3/4 inch Schedule 40 PVC conduit.*
- For any run between 251' and 400', it will require a 3/4 inch Schedule 40 PVC conduit with a pull box.*
- Any conduit run over 400' will require a pull box location.
- All conduits, sweeps, and couplers will be glued with PVC cement.
- Sweeps are to be utilized at any splice location, riser pole, or structure. Hard 90 degree bends in conduit are prohibited. Limit your conduit runs to 3 sweeps.
- All conduit runs to have 1/4" nylon pull rope installed within it. Both ends of rope should be secured to outside of conduit and accessible.
- Conduit at pole location will need to be stubbed up 2' minimum.
- Conduit at structure location will need to be stubbed up 4' minimum.
- Conduit install depth on private property is 12 - 18 inches. Please contact local building department for required private property depth based on county specifications.