### Specifications

**Underground Conduit Placement**

<table>
<thead>
<tr>
<th><strong>Scope</strong></th>
<th>The homeowner/developer/contractor is responsible for providing and adhering to the following underground requirements set by RACE.</th>
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| **Scheduling** | - RACE needs to submit permit to Pole Owner and permit approved before any of these 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.  
- A RACE Communications Field Engineer will need to be scheduled for conduit inspection before trench fill. Two days advance notice must be provided prior to conduit inspection, with a three day inspection window.  
- It is the homeowner / developer / contractor’s responsibility to contact “Call Before You Dig” prior to any excavation.  
- It is the homeowner / developer / contractor’s responsibility to contact local building department for any permitting requirements.  
- RACE Communications will reserve the right to refuse fiber installation if any of these specifications are not met.  
- A scaled print of the project showing the lot layout. To be reviewed with RACE Communications Field Engineer. |
| **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. No Hard 90 degree bends to be used. A maximum of 3 sweeps in conduit run.  
- All conduit runs to have ¼” 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. |

*note: you will not be able to run additional wires or cables in the same conduit should you use a 3/4 inch conduit.*