

CITY OF CARMEL WATER UTILITY
Developer Installed Water Mains
Check List

- 1) The Developer will submit two (2) sets of preliminary plans for the proposed development so the City of Carmel Water Utility can determine the main location and sizing, location of hydrants, service lines and valves to conform to the City of Carmel Water Utility's standards and specifications.
- 2) Developer will provide plans that conform to the City of Carmel Water Utility's standards for main extensions. In general, the City of Carmel Water Utility will respond within ten (10) business days.
- 3) Contractors shall call City of Carmel Water Utility for an on-site pre-construction meeting before work begins. Contractor must have approved plans on-site and all materials to be used must be approved by a City of Carmel Water Utility inspector.
- 4) Contractor will allow inspection by City of Carmel Water Utility inspectors during the construction of the water main extension and will honor the City of Carmel Water Utility's request for field changes in main extensions related to location, workmanship and materials as they relate to City of Carmel Water Utility standards and specifications.

*All Ductile Iron water mains shall be bedded in **sand**, from the bottom of the trench to 12" above the pipe.

***Blue Reflective Warning Tape** must be installed 18" above all water mains. **Tracer wire** must be installed with all water main laid in Carmel.

- 5) The Contractor will have water main extensions pressure tested per City of Carmel Utility specifications and witnessed by City of Carmel Water Utility's inspector.*
- 6) The Contractor will conduct the disinfection of water main extension, with direct supervision by a City of Carmel Water Utility Operator. **The Contractor will also be responsible for the de-chlorination of the water flushed off during disinfection process.**
- 7) Only after the water main extension passes the City of Carmel Water Utility's laboratory testing, and two (2) sets of AS-BUILT plans (One Electronic Copy) have been turned in to the City of Carmel Water Utility, will the water be turned on by the City of Carmel Water Utility.

5) ***The developer's contractor shall be billed for all bacteriological lab services.**