

SECTION 1 - PRELIMINARY CONSIDERATIONS & INSTRUCTIONS

1.01 General

The Standard Specifications as contained herein are to be utilized as minimum standards for all development (non-residential sites and/or subdivisions) and utility construction projects within the jurisdiction of the Town of Knightdale or connecting to the Town's utility system. All development projects shall also comply with the Town of Knightdale *Unified Development Ordinance*.

The purpose of these Specifications is to present standards for typical conditions encountered. All projects which include construction of public facilities, such as storm drainage facilities or streets, require that the design services be performed by, or under the direct supervision of, a Professional Engineer, a Professional Land Surveyor, or a Professional Landscape Architect licensed to practice in the State of North Carolina. The existence of these Standard Specifications and Construction Details does in no way relieve the Professional Engineer, Professional Land Surveyor, or the Professional Landscape Architect of the responsibility to correctly adapt these standards to the actual site conditions encountered on a specific project. The Professional Engineer, Professional Land Surveyor, or the Professional Landscape Architect must review the applicable portions of these specifications and determine that these minimum standards will function correctly for the project. There may be circumstances whereby the engineer, surveyor, or landscape architect may wish to increase pipe strength classification, bedding requirements, reinforcing, depth of stone base, depth of asphalt, etc. In such situations where changes or modifications are proposed, the Town of Knightdale shall be consulted prior to completion of final design and plan submittal. This will serve to help ensure that the plan review time is minimized. Such approval shall be clearly indicated at one location on the construction drawings and labeled "Exceptions to the Standard Specifications of the Town of Knightdale."

Projects shall be constructed according to the Standard Specifications in effect at the time the project receives final approval by the Town of Knightdale for construction. The project contractor shall have at least one complete set of approved plans and these Standard Specifications at the job site at all times that work is being performed.

The Town of Knightdale will periodically update these Specifications. Updates will be made available on the Town's website. The Town will also periodically consolidate the changes and republish the document in its entirety.

1.02 Product Substitutions

Trade names, brand names, and/or manufacturer's information used in these specifications are for the purposes of establishing quality. Use of other qualified manufacturers or products is acceptable provided that details are included in Construction Drawings and reviewed and approved by the Town Engineer and/or Public Works Director. Features of quality, capacity, construction, performance, appearance, size, arrangement, and general utility including economy of operation of substitutes offered, either parallel or exceed those of specified products.