

ENGINEERING AND CONSTRUCTION **CERTIFICATION SUBMITTALS**

This document is intended to set minimum City criteria on project submittals. Additional submittals may be required as determined by The City of Parkland Land Development Code, The City of Parkland Engineering Manual, and The City Engineer.

A. Water Distribution System:

- 1. Acceptable hydrostatic test results provided by the Engineer of Record.
- 2. Approved bacteriological test results from HRS. Water samples must be taken in two (2) consecutive days and witnessed by the water services provider (i.e., Coconut Creek, NSID, Parkland Utilities), City Engineering Division representative and the Engineer of Record.
- 3. Backfill and/or subgrade compaction test results.
- 4. Certification letter by the Engineer of Record indicating that the water distribution system has been installed in accordance with applicable regulations and approved plans.
- 5. Two (2) complete sets of 24"x36" (bond paper) record drawings signed and sealed by the Engineer of Record prior to final engineer inspection.
- 6. Provide the City with a letter of approval from HRS and BCDNRP for water and sewer/drainage usage respectively.
- 7. Provide the City with a letter of approval from the Florida Department of Environmental Regulation for sewer collection and transmission.
- 8. Provide the City with the Engineer of Record's certified actual construction cost of the water distribution system improvements.
- 9. Water meter set fee and deposit charges are to be paid in full before the installation of each water meter.
- 10. Provide the City with base rock as-builts prior to paving.

B. Sewer Collection and Transmission System:

- _____ 1. The Engineer of Record shall provide the City with a certified Final Sewer Lamping Report.
- _____ 2. Two (2) complete sets of 24"x36" (bond paper) record drawings signed and sealed by the Engineer of Record prior to final engineer inspection.
- _____ 3. Certification letter by the Engineer of Record indicating that the sewer collection and transmission system has been installed in accordance with the applicable regulations and approved plans.
- _____ 4. Provide the City with the Engineer of Record's certified actual construction cost of the sewer collection and transmission system.
- _____ 5. Provide the City with the lift station operation report, spare parts, and all maintenance manuals.
- _____ 6. Acceptable hydrostatic test results on force mains certified by the Engineer of Record.
- _____ 7. Field density test reports certified by an Engineer registered in the State of Florida on backfill in trenches and around manholes, complete with test locations and elevations.

C. Paving and Drainage System:

- _____ 1. Field density test reports certified by an Engineer registered in the State of Florida on all subgrade, base rock course, and backfill for pipe trenches, manholes and other substructures.
- _____ 2. Base rock and asphaltic concrete analysis.
- _____ 3. Inspection report on the drainage system certified by the Engineer of Record.
- _____ 4. Two (2) complete sets of 24"x36" (bond paper) record drawings signed and sealed by the Engineer of Record prior to final engineer inspection In addition, the Engineer of record must provide the City with the complete set of as-builts in digital format (AutoCAD latest version or compatible and PDF).

- 5. Certification letter by the Engineer of Record indicating that all of the paving, grading, and drainage systems have been constructed in accordance with applicable regulations and approved plans.
- 6. Provide the City with the Engineer of Record's certified actual construction cost of all paving, grading, and drainage construction.

D. Miscellaneous:

- 1. All easements (including utility, ingress/egress, maintenance, etc.).
- 2. Release of liens from Contractor and all Subcontractors.