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## PUBLIC WORKS ENGINEERING DIVISION

**Date:** Wednesday, May 25, 2016

**To:**

WESTWOOD PROFESSIONAL SERVICES, INC.  
Steven A. Windingland, P.E.  
2740 North Dallas Parkway, Suite 280  
Plano, TX 75093

**From:** Gene Williams, P.E.

Senior Staff Engineer

**Application Number:** PL2016083

**Application Type:** Engineering Plan Review

**Application Name:** John Knox Village Meadows - Public and Private Sanitary Sewer, and Public and Private Water Line Engineering Plans

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The Public Works Department received plans for this project on May 18, 2016. We have completed our review and offer the following comments:

### Engineering Review

1. **WATER LINE PLANS:** The water line along Shamrock Avenue and diverting around the new building is a public line, not a private line as shown on the profile view.
2. **WATER LINE PLANS:** The profile view, which was not provided on the first submittal, shows instances of excessive depth. This includes station 2+00, 4+00, and station 7+00. The maximum cover over the top of pipe is seven (7) feet. Finally, the profile view shows conflicting information on the water line. It appears 12" water line is called-out in certain instances, while in other instances, 8" is called-out.
3. **SANITARY SEWER PLANS:** Please refer to comment #7 of the previous comment letter dated April 25, 2016. It appears the incoming flowline elevations are not shown at manhole #29-071. Please be aware of the minimum drops required at this location, especially for the high angles of deflection from the incoming sewer lines.
4. Please be aware that the Engineer's Estimate of Probable Construction Costs must be revised to reflect what is being constructed for the water and sanitary sewer plans. It was difficult to determine costs for the Final Development Plan versus the separate water and sanitary sewer plans.
5. Please be aware that two (2) full size and two (2) half size sets are required for your final submittal drawings. Electronic copies are also required as specified below.

## Electronic Plans for Re-submittal

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Beginning Monday, May 23, 2016, all Planning application and development engineering plan re-submittals shall include an electronic copy of the documents as well as the required number of paper copies. Electronic copies will not be required for initial application submittals at this time as the plans are subject to change.

Electronic copies shall be provided on CD in the following formats

- Plats – All plats shall be provided in Tagged Image Format File (TIFF) group 4 compression.
- Engineered Civil Plans – All engineered civil plans shall be provided in Tagged Image Format File (TIFF) group 4 compression. All sheets shall be individually saved and titled with the sheet title.
- Architectural and other plan drawings – Architectural and other plan drawings, such as site electrical and landscaping, shall be provided in Portable Document Format (PDF).
- Studies – Studies, such as storm and traffic, shall be provided in Portable Document Format (PDF).
- It is requested that each plan sheet be a maximum of 2MB.

Please contact Staff with any questions or concerns you may have.

If you have any questions or comments, please contact me, Gene Williams either at (816) 969-1812 or e-mail to [Gene.Williams@cityofls.net](mailto:Gene.Williams@cityofls.net).

Sincerely,

*Original Signed*

Gene Williams, P.E.  
Senior Staff Engineer

cc: Development Engineering Project File