



PUBLIC WORKS ENGINEERING DIVISION

Date: Friday, February 10, 2017

To:

OLSSON ASSOCIATES

Melissa DeGonia, P.E.

Email: MDeGonia@OLSSONASSOCATES.COM

Fax #: (913) 381-1174

From: Gene Williams, P.E.

Senior Staff Engineer

Application Number: PL2017013

Application Type: Engineering Plan Review

Application Name: Eagle Creek 15th Plat - Sanitary Sewer Plans

The Public Works Department received plans for this project on January 19, 2017. We have completed our review and offer the following comments:

Engineering Review

1. Please revise the plat to reflect the notes shown on the plans showing the building line and sanitary sewer easement line are coincident with each other.
2. General Informational Comment: No extension to the PRI property is necessary. The PRI property was not intended to be served by the sanitary sewer within Eagle Creek 15th Plat due to topography, capacity, and the fact that a connection point exists on the Little Blue Valley Sewer District line at manhole #49-015.
3. Sheet C204: There is a note on the profile view at station 15+00 stating "proposed 8" Dia. Class 52 DIP". Should this read "C-900 Water Line"?
4. Sheet C204: MH 1-2 appears to be a drop manhole. Please label this manhole as a drop manhole.
5. Sheet C206: The typical trench and backfill section does not appear to follow the Design and Construction Manual. Please indicate the pipe bedding material, and show it being placed a minimum of 6" above the top of pipe. Show the backfill to be used in areas outside of pavement versus beneath pavement.
6. Provide sufficient notes stating that trench checks in accordance with the standard detail shown on Sheet C206 shall be placed on all private sanitary sewer service laterals.

7. Please provide a note on each plan and profile sheet stating "see Sheet C208 for sanitary sewer lateral locations", or equivalent language.
8. The Engineer's Estimate of Probable Construction Costs appeared low for the following unit price, based on previous estimates for projects of similar size and scope: 1) sanitary sewer main.
9. The Engineer's Estimate of Probable Construction Costs appeared to be missing the following items: 1) drop manhole, 2) tracer wire, tracer wire box, and all associated items necessary to install the tracer wire and box in accordance with the standard detail on Sheet C207.

Electronic Plans for Resubmittal

Beginning Monday, May 23, 2016, all Planning application and development engineering plan resubmittals 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 stormwater 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.

Sincerely,

Original Signed

Gene Williams, P.E.
Senior Staff Engineer

cc: Development Engineering Project File