
PUBLIC WORKS ENGINEERING DIVISION

Date: Tuesday, March 07, 2017

To:

OLSSON ASSOCIATES

Melissa DeGonia, P.E.

Email: SCRAMER@OLSSONASSOCATES.COM

Fax #: (913) 381-1174

From: Gene Williams, P.E.

Senior Staff Engineer

Application Number: PL2017012

Application Type: Engineering Plan Review

Application Name: Eagle Creek 15th Plat - Street, Stormwater, Master Drainage Plan, and Erosion and Sediment Control

The Public Works Department received plans for this project on Feb. 28, 2017. We have completed our review and offer the following comments:

Engineering Review

1. Please be aware that final approval of the plans cannot be granted until the United States Army Corps of Engineers (USACE) permit has been submitted.
2. Please refer to comment #1 on the applicant letter dated Feb. 9, 2017. The typical section did not include a dimension for the one (1) foot minimum distance beyond the back of curb for placement of subgrade.
3. Please refer to the applicant letter dated Feb. 9, 2017. A note is provided on the profile view with the words "Proposed 8" Dia. PVC pipe", and is not really sufficient for calling-out the placement of an underdrain. Please revise the note, and reference the detail on Sheet C121. Ensure the note is specific that the underdrain be installed between the curb inlets.
4. Please refer to the applicant letter dated Feb. 9, 2017. There are various comments concerning the calculated 100 year water surface elevation, and these were provided in table format. A spot check, however, yielded the following issues with the MBOEs: 1) our calculations show the MBOE for the left side (as looking into the lot from the street) for Lot 678 should be closer to 945.9, 2) our calculations show the MBOE for the left side Lot 675 should be closer to 948.3, and 3) our calculations show the MBOE for the left side of Lot 674 should be closer to 951.0. These calculations are based on the table showing the 100 year water depth, and determining the elevation using the contours. The calculations did not use the proposed grades because the proposed grades do not appear to match the contours.

5. The proposed grades shown on the Master Drainage Plan do not appear to match the contours shown on the Master Drainage Plan. Please see above comment. This comment pertains to the lots discussed in the above comment.

Traffic Review - No Comments

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