

**Date:** Tuesday, March 22, 2022

**To:** Snyder & Associates  
Shawn Duke, P.E.  
802 Francis St  
St. Joseph, MO 64501

**From:** Gene Williams, P.E.  
Senior Staff Engineer

**Application Number:** PL2021140

**Application Type:** Engineering Plan Review

**Application Name:** Whispering Woods 3rd Plat - Erosion and Sediment Control and Mass Grading

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The Development Services Department has completed its review of the above-referenced plans dated Mar. 8, 2022 and offer the following comments listed below.

- See comments below to determine the required revisions and resubmit to the Development Services Department public portal located at [devservices.cityofls.net](https://devservices.cityofls.net). Digital documents shall follow the electronic plan submittal guides as stated below.
- Revised plans will be reviewed within five (5) business days of the date received.

#### **Engineering Review**

1. A Floodplain Development Permit application is being transmitted separately for the low-water crossing. Please return the completed and signed/sealed form, along with the relevant design sheets for the low-water crossing in one (1) pdf file.
2. Sheet 7: It appears silt fence is the only method to contain sediment migration within the cut/fill area. We had discussed the possibility of constructing sediment basins/traps at key locations to eliminate this concern, but I did not see anything other than silt fence. Many locations of the silt fence are shown along the centerline of swales, which will not work very effectively. Please analyze, and determine if other measures are needed such as a temporary sediment basin or temporary sediment trap.
3. Locations of concern in regard to the above comment include: 1) the northeast corner of the site, and 2) the northwest corner of the site. Each of these locations appear to be well-suited for placement of a temporary sediment basin or trap.
4. If either of these features are selected for the project (i.e., sediment basin or sediment trap), a complete design is required. Although standard KCAPWA details can be used, a site-specific design is also required to augment the standard details.

## **Traffic Review - Not Required**

### **Electronic Plans for Resubmittal**

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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 shall be provided in the following formats

- Plats – All plats shall be provided in multi-page Portable Document Format (PDF).
- Engineered Civil Plans – All engineered civil plans shall be provided in multi-page Portable Document Format (PDF).
- Studies – Studies, such as stormwater and traffic, shall be provided in Portable Document Format (PDF).

Please contact me if you have any questions or comments.

Sincerely,

/s/ electronically signed Mar. 22, 2022

Gene Williams, P.E.  
Senior Staff Engineer  
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Gene.Williams@cityofls.net