

**Date:** Monday, December 31, 2018

**To:**

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

**Application Number:** PL2018218

**Application Type:** Engineering Plan Review

**Application Name:** WOODSIDE RIDGE 1ST PLAT - SITE DISTURBANCE PLANS

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The Development Services Department received plans for this project on December 03, 2018. We have completed our review and offer the following comments listed below.

- Submit one (1) digital copy following the electronic plan submittal guides as stated below.

**Engineering Review**

1. A SWPPP plan is required prior to approval.
2. If ground-breaking is scheduled prior to issuance of infrastructure permits, a separate land disturbance permit is required.
3. A copy of the United States Army Corps of Engineers (USACE) permit shall be required prior to approval of the site disturbance plans.

In order to calculate the Engineering Plan Review and Inspection Fee, a sealed Engineer's Opinion of Probable Construction Costs shall accompany your final submittal copies. The itemized estimate (material and installation) shall be sufficiently broken down and shall include the following items, as applicable.

- Public infrastructure, both onsite and offsite.
- Private street construction, including parking lots and driveways.
- Sidewalks located within the right-of-way.
- ADA accessible ramps.
- Sanitary sewer manholes and piping between manholes, including private mains.
- Connection of the building sanitary sewer stub to the public main.

- Waterlines larger than 2 inches in diameter, valves, hydrants, and backflow preventer with vault, if outside the building.
- Stormwater piping greater than 6 inches in diameter, structures, and detention / retention facilities - public or private.
- Water quality features installed to meet the 40-hour extended duration detention requirements.
- Grading for detention / retention ponds.
- Grading to establish proper site drainage.
- Utility infrastructure adjustments to finished grade (i.e. manhole lids, water valves, etc.).
- Erosion and sediment control devices required for construction.
- Re-vegetation and other post-construction erosion and sediment control activities.

### **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,

*Original Signed*

Gene Williams, P.E.  
Senior Staff Engineer  
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cc: Development Engineering Project File