

**Date:** Wednesday, July 17, 2019

**To:** KAW VALLEY ENGINEERING  
2319 JACKSON  
JUNCTION CITY, KS 66441

**From:** Sue Pyles, P.E.  
Senior Staff Engineer

**Application Number:** PL2019016

**Application Type:** Engineering Plan Review

**Application Name:** STREETS OF WEST PRYOR - MASS GRADING & STORM SEWER PLANS

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The Development Services Department received plans for this project on July 5, 2019. We have completed our review and offer the following comments listed below.

- Resubmit three (3) full size sets of plans (no larger than 24"x36") folded to 8-½"x11", one (1) comment response letter, and one (1) digital copy following the electronic plan submittal guides as stated below.
- Revised plans will be reviewed within five (5) business days of the date received.

**Engineering Review Corrections**

1. Remove the cost information from the Summary of Quantities table, it should only include quantity information. Only include items that are a part of this plan set in the table.
2. Structure C-5 does not meet the City's minimum length requirement. Please revise.
3. Label C-1 thru C-7 as Public Storm Sewer in a clear, easily seen manner. The response letter indicated it was shown in the Profile view, but it does not seem to be there.
4. Show rip-rap at Structure S-1 in the profile view.
5. It appears that baffles for the sediment basin will be Option A - Rock with Weir. However, the detail shows one placement location. Please review the sediment basin detail for required baffle design and provide complete installation details.

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,

Sue Pyles, P.E.  
Senior Staff Engineer  
(816) 969-1245  
Sue.Pyles@cityofls.net

cc: Development Engineering Project File