

DEVELOPMENT SERVICES

Date: Thursday, April 02, 2020

To: LAMP RYNEARSON
9001 STATE LINE RD STE 200
KANSAS CITY, MO 64114

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

Application Number: PL2019394

Application Type: Engineering Plan Review

Application Name: SUMMIT VIEW FARMS 4TH PLAT - WATER PLANS

The Development Services Department received plans for this project on November 20, 2019. We have completed our review and offer the following comments listed below.

- Resubmit 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. The bend at Line 3 Sta. 1+62.69 is shown as 45 deg in Plan view and 11.25 deg in Profile view. Please reconcile. The 11.25 deg callout appears correct.
2. Please revise the tee callout at Line 4 Sta. 0+00 to 8" x 8" in the Profile view.
3. Lines 3-5 all show 8" x 6" reducers. Please revise the quantity to 3 in the estimate.

Traffic Review - Not Required

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

All Planning application and development engineering plan resubmittals shall include an electronic copy of the documents.

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