



May 5, 2023

Gene Williams, PE
Senior Staff Engineer
City of Lee's Summit
220 SE Green Street
Lee's Summit, MO 64063

**RE: PL2023046 REUNION AT BLACKWELL
ENGINEERING PLAN REVIEW DATED MARCH 28, 2023
PUBLIC SANITARY SEWER**

Dear Gene:

Thank you for your review comments for the above-referenced public sanitary sewer plans dated March 28, 2023. Please see the responses below:

Engineering Review – Corrections

1. To ensure the contractor is aware of the concrete collar detail shown elsewhere in the plan set, please provide sufficient notes on the plan view or elsewhere designating all manhole frame and lids within street pavement shall be constructed as per the detail shown elsewhere in the plans. Please revise as appropriate.

Response: Please see Note 8 on the plan and profile sheets.

2. Please eliminate all references to "TEE STA". Wyes shall be required in the City of Lee's Summit, as tees are prohibited.

Response: Revised as requested.

3. Please provide notes on the "manhole in paved area detail: discussing the orientation of the diamond in relation to the street. The City would like this installed so the concrete collar forms a diamond-shape when viewed along the street. Please revise as appropriate.

Response: Please see Note 8 on the plan and profile sheets.

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 property 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 resubmittal 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).

Should you have additional comments or questions, please do not hesitate to contact me.

Sincerely,

SCHLAGEL & ASSOCIATES, P.A.

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Attachments