

April 23, 2025
Ref. No. 217-03-068

Isaac Ciprich
Civil & Environmental Consultants, Inc.
4350 Northern Pike, Suite 141
Monroeville, PA 15146

Dear Mr. Ciprich:

**Municipal Authority of the Township of South Fayette
South Fayette School District Bus Garage
Sanitary Sewer Plan Review**

As requested by the Municipal Authority of the Township of South Fayette (MATSF), KLH Engineers, Inc. (KLH) has completed a review of the sanitary sewer plans for the proposed South Fayette School District Bus Garage. The plans are marked “draft”, and undated, and were prepared by Civil & Environmental Consultants, Inc. KLH reviewed the plans for compliance with MATSF standards and regulations. We offer the following comments:

1. All sewers shall be designed and constructed in accordance with MATSF standards and regulations, including Appendix A, Basic Design and Construction Parameter Checklist, which can be found on the MATSF website at www.MATSF.net. Go to “developers” tab, and then go to Rules and Regulations. This general note shall be included on the plans.
2. MATSF Standard Detail Drawings need to be shown on the drawings as applicable. Please contact MATSF to obtain a copy of the current Standard Detail Drawings.
3. A Developer’s Sewage Service Agreement is required. Please contact MATSF to obtain a copy of the standard agreement. The Developer shall provide escrowed funds/bonding with MATSF for the construction of the proposed sanitary sewers.
4. Planning Module approval may be required. South Fayette Township will need to pass a resolution for an Act 537 Plan Revision and PADEP will ultimately need to approve the Planning Module application.
5. In advance of obtaining a Township building permit, a sanitary sewer connection fee must be paid to MATSF. The Developer shall contact MATSF for the appropriate forms and fees. Payment of the sanitary sewer connection fee, however, is not required for construction of the proposed sanitary sewers.
6. If the sanitary sewers are to be taken over by MATSF, the Developer shall obtain and provide easements for the proposed sanitary sewers on all impacted private properties where MATSF will take ownership of the sewers. All easements shall include acceptable exhibits and shall be reviewed and approved by MATSF and its solicitor prior to recording at the Allegheny County Recorder of Deeds office. If the sanitary sewers are to remain private, this requirement will not apply.

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7. Acquisition of all permits shall be the responsibility of the Developer should they be required. The Developer shall follow all regulatory requirements including but not limited to preparation and implementation of an Erosion & Sedimentation Pollution Control Plan. It appears a stream crossing permit will be required between manholes 2 and 3.
8. The Developer shall follow the PA One Call law during design and construction. A Design One Call should be made by the Developer and the plans shall include the Design One Call Serial Number. If present, all existing utilities shall be shown on the plans. All utilities crossing the proposed sanitary sewers need to be shown in the profiles.
9. It is strongly recommended that the proposed utility plans be provided to the Allegheny County Health Department (ACHD) Plumbing Division for comments as they have primary jurisdiction for all sanitary sewers that will not be ultimately conveyed to MATSF.
10. PVC pipe shall be SDR-35. Should any proposed sewer exceed a depth of 15 feet, this must be approved by MATSF and will require SDR-26 pipe. This requirement shall be specifically noted on the sanitary sewer profiles drawings is necessary.
11. Minimum cover over top of the pipe shall be four feet in unpaved areas and five feet in paved areas.
12. Sanitary sewer pipes located in fill areas require at least 95% compaction density and evidence of test results per MATSF specifications. This requirement shall be specifically noted on the utility plan drawings and the sanitary sewer profiles drawings.
13. Please note, all manhole joints, with the exception of the frame to the cone, must be wrapped with "Wrapidseal" or approved equal. Refer to MATSF Standard Detail Drawings. This requirement shall be specifically noted on the utility plan drawings and the sanitary sewer profiles drawings.
14. Show sanitary sewer flow direction arrows on utility plan drawings.
15. Label manholes on the plan view.
16. Label proposed pipe diameter and material on plan and profile drawings.
17. Show horizontal measurements and slopes between manholes on profile drawing.
18. The sanitary sewer profile from the proposed bus garage to manhole 1 does not show the proposed ground surface.
19. Is the straight line between the tops of manholes 6 and 7 the proposed ground surface?

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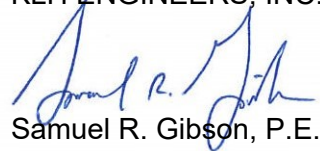
20. If MATSF will take ownership of the proposed sanitary sewers, MATSF may desire an 8" stub connection in one of the manholes to accommodate future extension to serve homes on School Road across from the school. Coordinate with MATSF.
21. A final "Issued for Construction" set of plans should be provided to MATSF.
22. The Developer shall provide final as-built record drawings after completion of construction. As-built drawings should reflect actual pipe lengths and slopes installed.

Based on the foregoing, KLH recommends the above revisions prior to approval. Additional comments may follow after review of subsequent submissions.

Should you have any questions, please feel free to contact our office.

Very truly yours,

KLH ENGINEERS, INC.



Samuel R. Gibson, P.E.

cc: Nick Goettman, Operations Manager, MATSF