



Application No. PL2020102

Engineering Review – Corrections

1. General:

- The terms "Sediment Trap" and "Sediment Basin" are used throughout the plan set in reference to the BMP feature at the NW corner of the site. It appears that Sediment Trap is correct. Please revise as needed to clarify what type of feature it is. **Revised.**

- Include storm sewer calculations in the plan set. A complete review of the storm sewer system could not be completed at this time. **Added.**

- Submit an Engineer's Estimate of Probable Construction Costs. **Included with this submittal.**

- Submit the SWPPP and a copy of the MDNR Land Disturbance Permit. **Included with this submittal.**

2. Sheet C.001:

- Street & Storm Sewer Note 1 includes collector street information for streets not a part of this project. Please remove. **Removed.**

- Revise Water Construction and Design notes based on review comments provided for water line extension plans or remove from this plan set. **Removed.**

- Revise General Note 4 and the Utility Companies list to reference Development Services Field Inspection at 816-969-1200. **Revised.**

- Include a vicinity map that shows and labels nearby streets. **Added.**

- Include a Summary of Quantities Table. **Added.**

- Include FEMA and Oil/Gas Well notes. **Added.**

- KCP&L is now Evergy. Please update the plan set. **Revised.**

- Remove the approval signature block for the City. A stamp will be provided electronically when approved. **Removed.**

3. Sheet C.200:

- Revise the contour labels on the east side of the detention basin. They are all labeled 930. **Revised.**

- There are several swales shown in the grading plan. Are they intended to be engineered swales with defined size and shape? Please clarify. **Yes they are engineering swales.**

4. Sheet C.201:

- AS GRADED PLOT PLAN NOTE **Added.**

- Please ensure every lot corner has appropriate spot elevations shown. **Revised.**

- Please label Top Elevations for all structures other than curb inlets. **Revised.**

- Include Top of Curb elevations. **Revised.**

- Please label 100-year WSE at every lot corner and structure adjacent to 100-year flow. **Revised.**

5. Sheet C.203:

- The NE Chapel Ridge Place stationing does not match between Plan and Profile views. Please reconcile. **Revised.**

- There appear to be a few survey shots shown on the NE Chapel Ridge Place Plan view that are not necessary. Please remove for clarity. **Removed.**

- What are the 5 station/elevation labels in the NE Chapel Ridge Place and 4 station/elevation labels in the NE Sagamore Drive Profile views provided for and why are some screened back and some not? **Revised.**

- Relocate the rightmost overlapping PVT/PVI labels for clarity. **Revised.**

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- Please clearly indicate that NE Chapel Ridge Place connects with existing pavement at the south end. **Revised.**
- 6. Sheet C.204: Clearly show the locations of the ADA-accessible routes for the stop controlled intersections in Profile view. **Revised.**
- 7. Sheet C.205: Revise the labels to remove object markers to indicate installing the object markers. **Revised.**
- 8. Sheet C.206: What is the thick dashed line supposed to indicate? If it is the limits of the sediment trap, please revise the label arrow to point to it on the south side. **Revised.**
- 9. Sheet C.207: Include detectable warnings and slopes to the design information. **Revised.**
- 10. Sheet C.208:
 - Clearly show the storm sewer system in the Detention Basin Plan view. **Revised.**
 - Include a legend for the several different line types used on this sheet. **Added.**
- 11. Sheet C.300:
 - Label Line 6. **Added.**
 - Structure 3-1 is shown as a Junction Box with openings on all sides. Is it intended to be a JB? If so, please revise the label. **Revised.**
- 12. Sheets C.301-C.303:
 - Include the following note on any profile sheet applicable: "Compacted Fill shall be placed to a minimum 18" above the top of the pipe prior to installation." **Added.**
 - Show and label the limits of the compacted fill placement in the Profile view. Use hatching for clarity. **Added.**
 - The rip rap label is cut off in the Storm Lines 1 & 4 Profile views. **Revised.**
 - Include design HGLs in all pipe profiles. **Added.**

Traffic Review - Corrections

1. Provide design information/detail for the horizontal alignments. **Added.**
2. The end of road sign treatment is noted "remove", should this be an installation? **Revised.**

Feel free to contact me should you have any addition questions regarding this project.

Thank You,

Matt Schlicht