



September 30, 2022

Mr. Chris Madigan, Planning Administrator
Hamburg Township
10405 Merrill Road
Hamburg, Michigan 48139-0157

Re: 7878 M-36 Site Plan Review

Dear Mr. Madigan

We have reviewed the final site plan for the above referenced project, dated September 16, 2022, as prepared by Green Tech Engineering, Inc. We offer the following comments for your consideration:

1. The petitioner is proposing a retention basin for the storm water management plan. In accordance with the Livingston County Drain Commissioner standards, the following should be provided:
 - The entire tributary area must be taken into account. It appears offsite drainage from the west will need to be accounted for.
 - The petitioner must submit infiltration test pit results or infiltration results from a soil boring taken within the basin bottom. The retention basin shall be able to dewater a 100-year storm with 72 hours based on the infiltration rates.
 - An overflow from the basin must be provided that is not injurious of downstream structures or features.
2. The southern parking lot as currently shown will drain to the south. The petitioner should make accommodation for the storm water to be directed to the retention basin or provide additional grading information showing how water is directed around the site.
3. An existing 4" pipe is shown leaving the property to the south on Sheet 2 (existing conditions). The petitioner should remove or otherwise address the pipe in the proposed conditions.
4. The petitioner should provide relevant construction details, such as pavement section.
5. Proposed parking spaces are shown abutting the existing house. The petitioner should include parking blocks or other protection and address any access issues caused by parked cars.

In summary, we do not recommend approval of the final site plan.

If you have any questions, please contact me at (734) 657-4925.

Sincerely,

Ted Erickson
Digitally signed by Ted Erickson
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Date: 2022.09.29 09:46:35 -0400

Ted L. Erickson, P.E.
Principal