



GENESEE COUNTY DRAIN COMMISSIONER'S OFFICE

-DIVISION OF
SURFACE WATER MANAGEMENT

JEFFREY WRIGHT
COMMISSIONER

G-4608 BEECHER ROAD, FLINT, MI 48532
PHONE (810) 732-1590 FAX (810) 732-1474

30 March 2026

Reference: Warehouse Office Space; PID:18-24-400-021

Melissa Lawrence
Lawrence Engineering
4344 Silver Lake Rd.
Linden, MI 48451

Dear Ms. Lawrence,

We have reviewed the site plan for this proposed project. We have approved your site with a detention basin having the following design parameters:

- Sediment Control Volume = 4,627 CF with an allowable peak discharge = 0.00536CFS
- Channel Protection Volume of 9,176 CF with a peak discharge = 0.049CFS
- Flood Control Volume = 17,207 CF with a maximum allowable discharge of 0.31CFS

We offer the following for your consideration:

- A road permit from the Genesee County Road Commission may be required for any work within the road Right-of-Way.
- A permit from MDOT may be required for any work within the Saginaw Road Right-of-Way.

The issuance of this review does not waive any requirements for applicable review or permits from other Governmental Agencies. It is the owner's responsibility to contact each individual Governmental Agency including Genesee County Drain Commissioner's Office Division of Water and Waste prior to construction to determine if there are any permits required.

If you have questions or comments, please feel free to contact our office. Thank you.

Sincerely,



Heather Kronenberg
Civil Engineer

cc: LEP0330(18-24)
Vienna Township Building Department
GCRC (email)
Plans Drawn Date: 03-23-2026



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04449
10/15/25
LEP

STORM WATER REVIEW SUBMITTAL FORM

Project Name: Warehouse/Office Space
Parcel Number(s): 18-24-400-021
Address: N. Saginaw Road, Vienna Township, Genesee County, Michigan, 484

Name Submitting: Lawrence Engineering P.C.
Party Submitting: Melissa Lawrence E-mail: 1996LEPC@gmail.com
Mailing Address: 4344 Silver Lake Road
City, State Zip: Linden, Michigan 48451
Phone Number: 810-750-5280

Type (Check all that apply):

Commercial: [checked] Residential: [] Road: [] Utility: [] New Construction: [] Redevelopment: []

Description:

Is Submission Required

Does site drain to County Drain or Road Commission system? [checked] Yes [] No
Is submission required by local Municipality? [checked] Yes [] No
Is this a Plat or Mobile Home Park? [] Yes [checked] No
Is plan required to be submitted for your NPDES permit? This permit is issued to Municipalities and Schools by EGLE. [] Yes [checked] No

If you answered yes to any continue below. If you still plan to submit to office please continue below to determine if you must meet Genesee County Standards.

Acreage Disturbed (acres): 1.63 Is Disturbed Area > 1 acres? [checked] Yes [] No

Amount New Impervious (acres): 1.49 Is Impervious < 1 and > 0.5 acres? [] Yes [checked] No

Is site part of a larger development with > 0.5 Acre of Impervious: [] Yes [checked] No

Did you answer yes to any of the acreage questions above? [checked] Yes [] No

If yes than your site must meet Genesee County Standards for Storm Water Management please submit this completed form and 1 site plan to 4608 Beecher Road, Flint, MI 48532 for review and approval.

Part C Flood Protection

Genesee County requires that the 100-year storm event be handled by the detention system. Because of the soil types retention basin are not allowed. All volumes will be checked using the rational method. Engineers are required to find the time at which the basin will reach max volume. If multiple ponds add additional sheets

Tributary Area (acres) =	<u>1.63</u>	$V_{pond} =$	<u>17,461.28 cu.ft.</u>
$C_{weighted} =$	<u>0.9055</u>	HWL =	<u>741.0'</u>
$Q_a = A * 0.2 =$	<u>0.31</u>	Freeboard =	<u>742.0'</u>
$Vol_{required} =$	<u>17,207.10 cu.ft.</u>		

	Predevelopment	Redevelopment Post Development	Detention Pond Design
$C_w =$	_____	$C_w =$ _____	$C_w =$ _____
$Q_a =$	_____	$Q_a =$ _____	$Q_a =$ _____
$V =$	_____	$V =$ _____	$V =$ _____

Additional Notes

See Plans.

Please use Rainfall Intensity - Frequency Curves found on page 12 of the Design Parameters for I

Part D Operation and Maintenance

Please provide documentation on the plans or as a supplement on Yearly and Long term operation and maintenance on all BMPs used to comply with this approval.

Office use only:

Discharge to an MS4? Owner: _____

Site Plan Number: 04449

Approved: Yes No

Reviewed for Post Construction: Yes No