

T.G. MILLER, P.C.

ENGINEERS AND SURVEYORS

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February 3, 2016

Michael H. Long, AICP, Town Planning Consultant
Town of Lansing
29 Auburn Road
Lansing, NY 14882

Re: Lama Self Storage Warehouse

Dear Mike,

We received a drainage analysis letter and plan prepared by Jason K. Demarest, AIA on January 20, 2016 for a proposed self-storage facility located at 8 Hillcrest Road (copy attached). The project appears to be below any threshold that would require permanent stormwater practices. Although the information is not necessary for further Town review, we recommend that the facility owner be informed by Mr. Demarest of the maximum storm event that can be conveyed through the 6" storm pipe system proposed in the design and the potential impacts to buildings from greater runoff conditions.

It is not clear on the plans but it appears there may be a proposed stone trench to the south of the proposed building that is receiving roof runoff. Any disconnection to piped flow is beneficial to help promote natural infiltration.

The drainage analysis submitted appears to be consistent with the plans showing the design of the level spreaders that are said to be constructed. The storm event used for analysis appears to be using a rainfall of 1" which is equivalent to the Water Quality storm event per NYDEC stormwater design manual. This is less than a 1-year, 24-hour storm. The level spreader calculations for this small rain event appear to be achieving distributed flow for the additional roof area piped to the system. We recommend that the existing level spreaders be inspected to ensure they are functioning as designed and not creating concentrated flows leaving the property. Any necessary repairs should be performed prior to connecting to the existing storm system.

I believe our review of the stormwater management strategy for this project is concluded. Feel free to call with any questions. Thank you.

Sincerely,



Donald Harner, P.E.

Cc: T. Ellis, Chair
E. LaVigne, Supervisor
L. Day, Code Enforcement
C. Purcell, Highway Superintendent
G. Krogh, Esq.
D. Herrick, Town Engineer

David A. Herrick, P.E.
Frank L Santelli, P.E.
Andrew J. Sciarabba, P.E.

Steven R. Rowe, P.E.
Dondi M. Harner, P.E.,
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Lee Dresser, L.S.
Darrin A. Brock, L.S.