

Town of

P.O. Drawer 519

Town Engineer

Alexander T. Klose, P.E.



East Lyme

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To: Gary Goeschel II, Director of Planning & Wetlands Enforcement Officer
From: Alex Klose P.E., Town Engineer
Date: October 12, 2021
Re: Proposed Residential Conservation Subdivision
Roxbury Road
Planning Commission Subdivision Application

Gary,

After the initial application material for the proposed Roxbury Road subdivision was received, I had a conversation with Mr. Haubert, of CLA Engineers, Inc., directly. The applicant was aware of this. The overall layout and proposed stormwater management measures were generally acceptable, however I asked Mr. Haubert to provide some revised calculations and plans to; model the sub-catchment to the rain gardens, account for roof runoff explicitly in the model, modify the time of concentration in the exiting condition and revise the spillway of rain garden #3.

The revised plans and calculations provided by the applicant, prepared by CLA Engineers, Inc. address and satisfy my comments as discussed with Mr. Haubert via telephone.

I have no further comments from my review.

Sincerely yours,

Alex Klose, P.E.

Town Engineer

From: [Alex Klose](#)
To: [Gary Goeschel](#)
Cc: [Mel Wiese \(Mel@Wiese-Construction.com\)](#); [K Haubert](#)
Subject: RE: Roxbury Road Subdivision - Mel Wiese

Gary,

The revised plans and calculations address and satisfy my comments as discussed with Mr. Haubert. Please let me know if you need to discuss with me further prior to the meeting.

It looks like the chambers are on lots 3 & 5 not 4 & 5, just a note.

Alex

From: K Haubert <khaubert@claengineers.com>
Sent: Tuesday, September 14, 2021 10:15 AM
To: Alex Klose <aklose@eltownhall.com>
Cc: Mel Wiese (Mel@Wiese-Construction.com) <Mel@Wiese-Construction.com>; Gary Goeschel <ggoeschel@eltownhall.com>
Subject: Roxbury Road Subdivision - Mel Wiese

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Good Morning Alex,

Attached below please find revised plan, calculation, watershed maps, and summary peak flow & runoff tables for the Roxbury Road Subdivision. Revisions have been made per your comments and are as follows:

1. Travel path for the time of concentration in watershed 1 has been adjusted
2. Post Development Watershed 1 has been broken into sub-watersheds to each rain garden
3. Rain Garden 1 has been adjusted to mitigate peak flow and runoff volume
4. Roof runoff from lots 4 & 5 has been directed to underground chambers to be installed I the embankment fill for those lots
5. The discharge from rain Garden #3 has been relocated

The development meets the water quality standards, reduces peak flow rates across all storm events, and reduces the runoff volume from the site. The peak flow rates and runoff volumes are summarized in the attached tables, and are included in the hydraflow calcs.

Let me know if you have any questions or comments. Thanks.

Citrix Attachments

Expires March 13, 2022

6359 Roxbury Road Subdivision - PLAN SET ...-13.pdf

27.3 MB

6359 Roxbury Road Subdivision - Watershe...-13.pdf	543.9 KB
6359 Roxbury Road Subdivision - Watershe...-13.pdf	750.8 KB
Calculations - TR55 REV1.pdf	731.5 KB
Roxbury Road Subdivision - Peak Flow Table...-13.pdf	46.3 KB
Roxbury Road Subdivision - Runoff Volume ...-13.pdf	45.5 KB

[Download Attachments](#)

Kyle Haubert uses Citrix Files to share documents securely.

Kyle Haubert, P.E.

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