

**From:** [Michael Behrendt](#)  
**Subject:** Main Street #19 - review of revised drainage plan | questions  
**Date:** Wednesday, August 25, 2021 1:57:20 PM

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To the Planning Board,  
Please see the response from Rich Reine below.

## Michael Behrendt

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**From:** Richard Reine  
**Sent:** Wednesday, August 25, 2021 1:53 PM  
**To:** Michael Behrendt; RobinM; April Talon  
**Subject:** RE: Main Street #19 - review of revised drainage plan | questions

Thanks Michael and Robin – I think it would be fine to ask Altus to weigh in and provide a response to both questions when/if retained.



**Richard K. Reine, M.S.C.E., CA | Director of Public Works**  
**Tree Warden - ISA Certified Arborist: NE-7337A**  
**Phone (603) 868-5578 | Fax (603) 868-8063 | E-mail [rreine@ci.durham.nh.us](mailto:rreine@ci.durham.nh.us)**  
**Town of Durham, NH | 100 Stone Quarry Drive | Durham, NH 03824**

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**From:** Michael Behrendt <[mbehrendt@ci.durham.nh.us](mailto:mbehrendt@ci.durham.nh.us)>  
**Sent:** Wednesday, August 25, 2021 1:35 PM  
**To:** RobinM <[melodyofharpists@gmail.com](mailto:melodyofharpists@gmail.com)>; Richard Reine <[rreine@ci.durham.nh.us](mailto:rreine@ci.durham.nh.us)>; April Talon <[atalon@ci.durham.nh.us](mailto:atalon@ci.durham.nh.us)>  
**Subject:** Main Street #19 - review of revised drainage plan | questions

Rich and April (cc to Planning Board),  
Can you respond to Robin's questions below? If we hire Altus Engineering to

look at the revised drainage plan, is it appropriate for us to ask them to look at those two questions? Thanks.

**Michael Behrendt**

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**From:** RobinM [<mailto:melodyofharpists@gmail.com>]  
**Sent:** Wednesday, August 25, 2021 12:56 PM  
**To:** Michael Behrendt  
**Cc:** Richard Reine; April Talon  
**Subject:** Re: Main Street #19 - review of revised drainage plan | questions

Thank you, Michael.

If the Planning Board agrees that Altus should take another look, I imagine that you will be the one who will be writing to Altus.

Would you please ask specifically about the two questions that I brought to your attention that Mike Sievert indicated he would respond to when the redesign is final?

As a reminder, those questions are:

1) Does this plan meet our stormwater management site plan requirements to optimize BMPs for nitrogen removal?

2) What is Altus's take on UNH Stormwater Center Director Jamie Houle's concerns (expressed to April in February), including, to quote, \*An unlined infiltration system would also be my last choice for a BMP where a mountain of fill is being imported. We know that sidewall exfiltration

(particularly in fill sites) dominates the exfiltration pathway in subsurface systems.\*

Perhaps it's worth reminding the Planning Board of those questions, as well, in determining the scope of a review. And of course the second question might be irrelevant in the revised design.

Regards,

-- Robin

Robin Mower  
Durham, NH

\* \* \*

On Aug 25, 2021, at 11:20 AM, Michael Behrendt  
<[mbehrendt@ci.durham.nh.us](mailto:mbehrendt@ci.durham.nh.us)> wrote:

To the Planning Board,

I was asked if we should ask Altus Engineering, the Town's consultant who reviewed the drainage plan for 19 Main Street, to review the revised plan for 19 Main Street. Altus reviewed drainage for the original design with the retaining wall. The drainage plan has since been revised for the new design using sloping ground. I asked Rich Reine about this and he suggested that we have Altus Engineering review the revised plan. He did not think this would be involved as Altus would need examine only the specific ways that the plan was revised. I will ask the board about this issue at the September 8 meeting.

**Michael Behrendt**

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