

From: [Jill Marsano](#)
To: [Bristol Town Administrator](#); [Brett LaRose](#); [Nason, Bruce](#); [Eric Cota](#)
Cc: [Kris Perlee](#); [Bristol Clerk](#); [Steve Palmer](#); [Joel Bouvier](#)
Subject: Re: Adam Thomas Selectboard request
Date: Friday, February 9, 2024 2:24:25 PM
Attachments: [## Drawing S-1 - Overall Site Plan \[DRAFT 2023-11-15\].pdf](#)
[Bristol DRB Minutes 2022-12-13 Thomas Sketch Plan Review.pdf](#)

Bristol Town Department Heads,

Please note that I am copying in the Town's Engineer of Record, Steve Palmer, P.E. and looping in Joel Bouvier, the liaison on the board for water and sewer.

Here are the initial thoughts Cy and I have for this project.

This proposed project is substantially different than what we reviewed just a few weeks ago and, in my opinion, looping is no longer needed. I am uncertain if a flushing hydrant should be added at the end of either run as I have not looked at the elevations. This is a Steve question. The other Steve question is if the system has enough volume and pressure (hydraulic capacity) to supply these additional 6 residential units. I know we have adequate water supply to allocate the new connections.

The water board and operators will likely specify that meter pits are needed in the ROW closest to the water mains for both customer service "distribution" lines as they are far longer than 100' and shared. Ownership of these shared lines after the shut off/meter pits would belong to the private property owners and be their responsibility to maintain indefinitely.

Pine Street

The shared line on Pine Street feeding (2) separate residences would need a shut off/meter pit in the ROW before the very long run to the two separate homes and each (2) would need separate curbs where they separate that must be kept above grade (as they are not in the ROW and need to be easily locatable) and legal language for water department exercising (with the requirement for customer meters in each residence) I don't see materials specified yet, but know that copper is the standard for all customer services 2" and less.

North Street

The long line on North Street to (4) separate residences (2 x 2 duplexes) would need a shut off and meter pit before the very long run to the duplexes and would need (4) separate curbs one for each unit that must be kept above grade (as they are not in the ROW and need to be easily locatable) and legal language for water department

exercising (with the need for individual customer meters in each residential unit) I don't see materials specified yet, but know that copper is the standard for all customer services 2" and less.

The master meter pits at the edge in the ROW would be read monthly and compared to the individual meters for each residence. If the combined total of the residences after the meter pit are not equal to the meter pit for the billing period, the additional volume of water that goes through the master meter pit will be split and billed to all accounts after the meter pit and the customers will be contacted to alert them to a potential shared service line leak they will want to address.

Let us know what you think.

Jill & Cy Marsano

Jill Marsano
Owner/President
VTUMS Vermont Utility Management Services, LLC

[Please leave us a Google Review!](#)



From: Bristol Town Administrator <townadmin@bristolvt.org>
Sent: Thursday, February 8, 2024 2:19 PM
To: Jill Marsano <jill@vtums.com>; Brett LaRose <bristolfiredepartment@gmail.com>; Nason, Bruce <Bruce.Nason@vermont.gov>; Eric Cota <bristolhighway@gmavt.net>
Cc: Kris Perlee <zoning@bristolvt.org>; Bristol Clerk <clerk@bristolvt.org>
Subject: FW: Adam Thomas Selectboard request

Hi All,

Attached is a proposed site plan for a new residential subdivision off of North Meadow Drive/Pine Street and North Street near Francis Place. This will be on Monday's Selectboard/Water Commission agenda regarding the question of the water line design to serve the two different clusters of the proposed development. It is early in the development review process and there has been one sketch plan review before the Development Review Board. Attached are the DRB's 12/13/2022 minutes for additional background. The design

elements on the attached plan may be a bit different from what the DRB reviewed in 2022.

Please let us know if you have any concerns for the Selectboard/Water Commission's consideration.

Thank you,

--Valerie

Valerie Capels, Town Administrator

Town of Bristol

1 South Street

P.O. Box 249

Bristol, VT 05443

P: (802) 453-2410 Ext. 1

F: (802) 453-5188

E: townadmin@bristolvt.org

W: www.bristolvt.org

FB: <https://www.facebook.com/bristolvt/>

IG: <https://www.instagram.com/townofbristolvt/>

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From: Kris Perlee <zoning@bristolvt.org>

Sent: Friday, February 2, 2024 10:28 AM

To: Bristol Town Administrator <townadmin@bristolvt.org>

Subject: RE: Adam Thomas Selectboard request

Here is a copy of the site plan and the request for the meeting from Jason Barnard

KRIS

Hi Kris,

Attached is the updated site plan for Adam and Amber Thomas. After reviewing some preliminary numbers for cost to construct, it has been decided to scale back the project to the current proposal. One of the big items that is driving the costs is looping the water main all the way through the property. We are hopeful that by reducing the size of the project that looping the water main will not be a requirement and therefore would make the overall costs to construct more reasonable.

In order to get approval to construct the project as shown and eliminate the need for looping the water main, we would like to review the project with the Select Board, before proceeding with a new DRB hearing. As such, if you can schedule us a time slot on the next available Select Board meeting agenda that would be greatly appreciated.

Kris Perlee
Zoning Administrator
Town of Bristol
802-453-2410