
preliminary BMP plans

From andres@watershedca.com <andres@watershedca.com>

Date Sun 4/13/2025 1:37 PM

To Josh Arneson <jarneson@richmondvt.gov>

Cc 'anna' <anna@watershedca.com>

 4 attachments (18 MB)

25117-SITE-C2.2.pdf; 25117-SITE-C2.3.pdf; 25117-SITE-C2.4.pdf; 25117-SITE-C2.1.pdf;

Josh,

Attached are four preliminary plan sheets that show a collection of BMPs we are looking at. Each of these practices is an ADS-Stormtech underground chamber system designed to infiltrate stormwater. After the chambers are installed stone and soil is backfilled and other than a few manholes, you would not know they are there underground. They are also vehicle-rated in areas that would extend under pavement. I have plenty of photos I can show if you interested.

There is still a lot of work to do on these – we need to do infiltration tests and commission our surveyors to collect data at each of these places. I would like to proceed with this work ASAP but at the same time given the sensitivities on this project I don't want to move ahead without your consent. If you think it's necessary I can present these to the Board now, but their configurations will most certainly change once we complete the additional fieldwork.

It would probably be most efficient if we continued on the fieldwork to build a more concrete plan before presenting to the Board, but I am also open to doing it now to make sure there are no concerns with the general approach we are looking at. In addition, I know your DPW crew didn't have a whole lot of information about infrastructure locations, but I still think it would make sense to share this plan in case anything of concern jumped out to them.

If you want me to give you a quick call early this week to discuss I am happy to do that.

Andres



Watershed Consulting

Stormwater Management | Water Quality | Green Infrastructure

208 Flynn Avenue Suite 2H Burlington, VT 05401

P.O. Box 4413 Burlington, VT 05406

Mobile: 802.922.4871 | Main: 802.497.2367

[www.watershedca.com]www.watershedca.com

andres@watershedca.com



SITE ENGINEER:

CIVIL ENGINEERING ASSOCIATES, INC.
 10 MANSFIELD VIEW LANE, SOUTH BURLINGTON, VT 05403
 P: 802-864-2323 FAX: 802-864-2271 web: www.cea-vt.com
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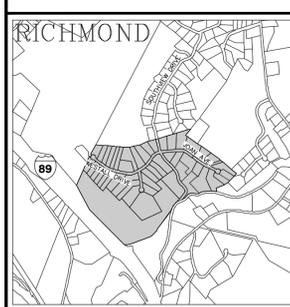
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WATERSHED CONSULTING
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PROJECT:
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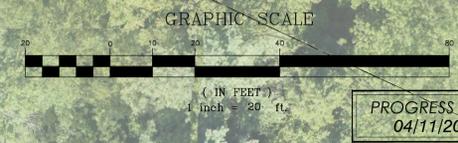


LOCATION MAP
 1" = 2000'

DATE	CHECKED	REVISION

PROPOSED CONDITIONS PLAN
-CHAMBER #2-

DATE --	DRAWING NUMBER C2.2
SCALE 1" = 20'	PROJ. NO. 25117



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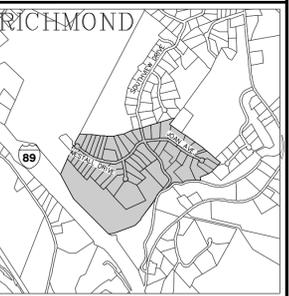


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LOCATION MAP
 1" = 2000'

DATE	CHECKED	REVISION

PROPOSED CONDITIONS PLAN
-CHAMBER #3-

DATE
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 SCALE
 1" = 20'
 PROJ. NO.
 25117

DRAWING NUMBER
C2.3



PROGRESS PLANS
 04/11/2025

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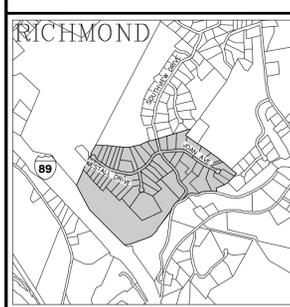
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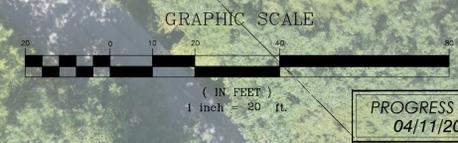


LOCATION MAP
 1" = 2000'

DATE	CHECKED	REVISION

PROPOSED CONDITIONS PLAN
-CHAMBER #4-

DATE --	DRAWING NUMBER C2.4
SCALE 1" = 20'	PROJ. NO. 25117



PROGRESS PLANS
 04/11/2025

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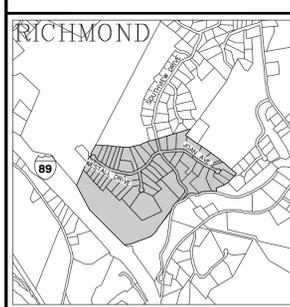
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 208 FLYNN AVE SUITE 2H BURLINGTON, VT 05401
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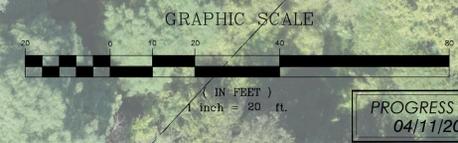


LOCATION MAP
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DATE	CHECKED	REVISION

PROPOSED CONDITIONS PLAN
-CHAMBER #1-

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Stormtech

From andres@watershedca.com <andres@watershedca.com>

Date Mon 4/14/2025 3:02 PM

To Josh Arneson <jarneson@richmondvt.gov>

 6 attachments (13 MB)

IMG_2432.HEIC; IMG_2372.HEIC; IMG_2376.heic; IMG_2383.HEIC; IMG_2391.HEIC; IMG_2425.HEIC;

Josh

Here is a link to the ADS-Stormtech website: <https://www.adspipe.com/stormtech>

If you scroll down you will see the MC-3500 units. These are what we are proposing to use.

Also I attached some photos from Jericho Elementary School. This is the MC 3500 chamber system going in there.

As mentioned, we've used these chambers on numerous sites here in VT. I think this is a great option for the project for a number of reasons I can describe to the Board.

Can you please send me a link to the Board meeting on the 21st? I realize now I may be on the road so I will plan to join remotely.

Andres Torizzo

Principal



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