

Hummel, Robert

From: Rinaldi, Dominic R. <drinaldi@bscgroup.com>
Sent: Tuesday, October 26, 2021 8:50 AM
To: Hummel, Robert
Subject: [EXTERNAL]RE: [EXTERNAL]RE: [EXTERNAL]RE: [EXTERNAL]McLean Zone 3 Stormwater

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Robert,
The project results in a reduction to peak flow rate from the project site to the Upham Bowl area (Design Point DP-4 in the table below).

Stormwater Report

Table 3 Peak Discharge Rates (cfs*)

Design Point	2-year	10-year	25-year	100-year
DP-1: Olmstead Road Drainage System				
Existing	6.5	15.2	20.8	29.6
Proposed	6.3	13.1	17.8	24.4
DP-2: Olmstead Road to Pleasant Street				
Existing	2.5	5.8	8.1	11.7
Proposed	0.5	1.3	1.9	2.8
DP-3: Intermittent Stream				
Existing	3.3	7.8	10.8	15.7
Proposed	2.3	7.2	10.4	14.3
DP-4: Uphams Bowls				
Existing	2.0	4.2	5.6	7.9
Proposed	0.7	1.7	2.3	3.3

This meets the various stormwater management requirements. If there are existing drainage issues in/from the Upham Bowl (which it sounds like there are), this won't necessarily make the situation any better, but it should not make it any worse. As currently proposed, the project meets the stormwater requirements. Hopefully that explanation helps. Let me know if you or the Board would like to discuss in more detail.

Dom

Dominic Rinaldi, P.E., LEED AP BD+C | Senior Associate

BSC Group

803 Summer Street | Boston | MA 02127

direct | [617-896-4386](tel:617-896-4386)

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email | drinaldi@bscgroup.com

From: Hummel, Robert <rhummel@belmont-ma.gov>
Sent: Monday, October 25, 2021 6:44 PM
To: Rinaldi, Dominic R. <drinaldi@bscgroup.com>
Subject: RE: [EXTERNAL]RE: [EXTERNAL]RE: [EXTERNAL]McLean Zone 3 Stormwater

Dom,
At the last Planning Board, the Planning Board had questions of the stormwater absorption of the Upham Bowl. They asked me to reach out to you if there was anything to add on this specific concern. Does the proposal change stormwater runoff?

Thanks,
Robert Hummel

Robert Hummel | Senior Planner
Town of Belmont | Planning Division
19 Moore Street, 2nd Floor | 617-993-2666



From: Rinaldi, Dominic R. [<mailto:drinaldi@bscgroup.com>]
Sent: Monday, October 4, 2021 3:23 PM
To: Hummel, Robert <rhummel@belmont-ma.gov>
Cc: Offei-Addo, Samuel <soffeiaaddo@bscgroup.com>; Santos, Michael <msantos@bscgroup.com>
Subject: [EXTERNAL]RE: [EXTERNAL]RE: [EXTERNAL]McLean Zone 3 Stormwater

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Sorry about that. Rushed it. Now it's updated and attached.

Dom

From: Hummel, Robert <rhummel@belmont-ma.gov>
Sent: Monday, October 4, 2021 3:21 PM
To: Rinaldi, Dominic R. <drinaldi@bscgroup.com>
Cc: Offei-Addo, Samuel <soffeiaaddo@bscgroup.com>; Santos, Michael <msantos@bscgroup.com>
Subject: RE: [EXTERNAL]RE: [EXTERNAL]McLean Zone 3 Stormwater

Dom,
Nothing is attached.

Thanks,
Robert Hummel

Robert Hummel | Senior Planner
Town of Belmont | Planning Division



From: Rinaldi, Dominic R. [<mailto:drinaldi@bscgroup.com>]
Sent: Monday, October 4, 2021 3:21 PM
To: Hummel, Robert <rhummel@belmont-ma.gov>
Cc: Offei-Addo, Samuel <soffeaddo@bscgroup.com>; Santos, Michael <msantos@bscgroup.com>
Subject: [EXTERNAL]RE: [EXTERNAL]McLean Zone 3 Stormwater

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Robert,
Updated and attached.

Dom

Dominic Rinaldi, P.E., LEED AP BD+C | Senior Associate

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From: Hummel, Robert <rhummel@belmont-ma.gov>
Sent: Monday, October 4, 2021 3:18 PM
To: Rinaldi, Dominic R. <drinaldi@bscgroup.com>
Cc: Offei-Addo, Samuel <soffeaddo@bscgroup.com>; Santos, Michael <msantos@bscgroup.com>
Subject: RE: [EXTERNAL]McLean Zone 3 Stormwater

Dom,
I would recommend the following changes:

- Change Ara's name to my name as I am the PB staff contact
- Remove the watermark and send back to me so I share with the applicant's civil engineer

Thanks,
Robert Hummel

Robert Hummel | Senior Planner
Town of Belmont | Planning Division
19 Moore Street, 2nd Floor | 617-993-2666



From: Rinaldi, Dominic R. [<mailto:drinaldi@bscgroup.com>]
Sent: Monday, October 4, 2021 2:53 PM
To: Hummel, Robert <rhummel@belmont-ma.gov>
Cc: Offei-Addo, Samuel <soffeiaddo@bscgroup.com>; Santos, Michael <msantos@bscgroup.com>
Subject: [EXTERNAL]McLean Zone 3 Stormwater

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Attached, please find BSC's draft supplemental peer review on stormwater management. There are 2 open items - #2 which is the addition of some minor notations, and new comment #18 to which I believe they will be amenable based on previous conversations with VHB. Please let me know if you have any questions and I can removed the draft designation.

Dom

Dominic Rinaldi, P.E., LEED AP BD+C | Senior Associate

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