

Peer Review Comment Form

NO.	SHEET NO.	SECTION	GREEN'S COMMENT	Applicant's RESPONSE	CONFIRMED BY	DATE
Stormwater Review						
	PLANS & DETAILS					
1	1		The plan shows that the stonewall is to be removed to accommodate Lot 1 driveway, but only points to one area. Please show limits of wall removal and indicate if stonewall on the north side of Lot 2 is to be removed and the limits of removal for that wall as well.			
2	1		Temporary Stockpile detail states that straw waddle to be placed downgradient of stockpile, but in plan view this doesn't always appear to be the case. Construction Entrance detail shows straw waddles, but this is not shown in the plan. Please revise.			
3	1		There are notes to protect SCMs during construction, but it does not describe how it will be protected. Please consider adding notes to the plan that explains how and when this protection will happen. If straw waddles are to be used, then these should be shown on the plans.			
4	1	Chapter 38, Article II - Stormwater Management and Erosion; § 38-16. Erosion and Sediment Control Plan. C.	Please provide location, description of, and implementation schedule for temporary and permanent seeding, vegetative controls, and other stabilization measures.			
5	2	MA Stormwater Handbook V2CH2	MA stormwater handbook recommends an infiltration basin have a minimum 50 ft distance from any slope greater than 15%. The infiltration basin is located on top of a hill where it slopes down greater than 15%. There is concern of potential breakout in the slope. Please revise.			
6	2	MA Stormwater Handbook V2CH2	MA stormwater handbook recommends a minimum 50 ft distance between an infiltration basin and a soil absorption system. The rain garden is similar to an infiltration basin therefore it is recommended to provide minimum 50ft from the soil absorption system. Please revise.			
7	2		Proposed Infiltration Basin is labeled as having a spillway at 302.5 and another callout appears to show it as 302.0. Please clarify.			
8	2		The overflow pipe for the infiltration basin may be prone to clogging. It is recommended that the outlet is at least 12" diameter with a grate to prevent animals or trash into the pipe or use a catch basin with an outlet. The outlet pipe should have a flared end section. Please revise.			
9	2		Please provide pipe information such as material, slope and diameter for all pipes.			
10	2		Please provide a detail for the rip-rap outlet for the foundation drain.			
11	2&3		The detail for the sediment forebay seems to be only for Proposed Sediment Forebay-1. Please add or revise detail to include Proposed Sediment Forebay-2. The plan shows Forebay-1 to have a berm elevation of 307.2, but it is shown at elevation 307.0 in the detail. Please clarify.			
12	2&3		Please consider cleanouts at the bends for the roof drains and foundation drains.			
13	2&3		There is a detail for an inspection port, please show the location of these in the plan.			
14	3		There is a detail called "Roof Detail Dry Well" but it doesn't appear to have dry well. Please clarify.			
	STORMWATER MANAGEMENT REPORT					
15	Attachment 2: TSS, Water Quality Volume, and Total Phosphorus Removal Calculations TSS Removal	§ 38-18. Stormwater Management Plan.	Since the project disturbs over an acre of disturbance, the project shall meet the local stormwater requirements which requires the MA stormwater standards to be fully met. Please provide a HydroCAD model and a peak rate table to show peak rates are met. Please provide hydrocad back up storage tables to confirm the water quality volume provided.			
16	Attachment 2: TSS, Water Quality Volume, and Total Phosphorus Removal Calculations Water Quality Volume	§ 38-18. Stormwater Management Plan. C.7.	A drainage area map showing pre- and post-construction watershed boundaries with stormwater flow paths, vegetation, and ground surfaces was not provided. Please provide.			
17	Attachment 2: TSS, Water Quality Volume, and Total Phosphorus Removal Calculations Water Quality Volume		A drawdown calculation was only performed for the infiltration basin. A drawdown calculation shall be provided for all SCMs. Please revise.			
18	Attachment 2: TSS, Water Quality Volume, and Total Phosphorus Removal Calculations Water Quality Volume		Recharge calculations were not provided. Please provide recharge calculations with a capture area adjustment since not all impervious area is directed to the SCMs.			



Open Comments
Defer to Board
Conditions of Approval

PROJECT NAME Harwood Ave PEER REVIEW
DATE 5/23/2025
UPDATED: _____
PROJECT NO. 25008.03

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19	Attachment 2: TSS, Water Quality Volume, and Total Phosphorus Removal Calculations Water Quality Volume		No pretreatment calculations were provided to show the forebays are sized for the receiving area. Please provide pretreatment calculations.			
20	Long Term Pollution Prevention & Stormwater System Operation and Maintenance Plan - 4. Operation & Maintenance of SCMs	Volume 2 Chapter 2: Structural BMP Specifications for the Massachusetts Stormwater Handbook	The MA Stormwater Handbook recommends inspecting Grassed Channels the first few months after construction and twice a year thereafter. Sediment and debris should be removed at least once a year. Please revise.			
21	Long Term Pollution Prevention & Stormwater System Operation and Maintenance Plan - 4. Operation & Maintenance of SCMs	Volume 2 Chapter 2: Structural BMP Specifications for the Massachusetts Stormwater Handbook	Inspection of Subsurface Infiltration Structures describes checking outlet pipes, but no outlet pipes are shown in plans. Please confirm. Also, include mosquito controls for subsurface system. Please revise.			
22	Long Term Pollution Prevention & Stormwater System Operation and Maintenance Plan - Attachment 1: Soil Information	§ 38-18. Stormwater Management Plan. C.5.	Please provide data for 1124-X test pits. Please also provide test pits where the infiltration basin and proposed lot-2 roof infiltration system are proposed. Test pit were also performed in July instead of November to April which does not meet the requirements of Chapter 38. Please provide ESHGW for each SCM to confirm adequate separation to groundwater is provided.			
23	Long Term Pollution Prevention & Stormwater System Operation and Maintenance Plan - Attachment 3: Subsurface Infiltration Structures Operation and Maintenance Manual	§ 38-18. Operation and Maintenance Plan. B. 3.	Signature(s) of the owner(s) required for O&M plan.			