

Hollis Joseph

From: Kessler Adam
Sent: Thursday, May 9, 2024 3:45 PM
To: McGregor George
Cc: Gannon Daniel; Hollis Joseph
Subject: Engineering Comments: 995 Hopmeadow - Westminster Rec Area Improvements
Attachments: Hopmeadow St (#995) - Westminster Rec Area Imp 2024 05 09.pdf

Attached please find Engineering comments for the Recreation Area Improvements at Westminster. I am comfortable with these comments as conditions of approval if needed.

Adam D. Kessler, P.E.
Deputy Town Engineer
Town of Simsbury
933 Hopmeadow Street
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860-658-3260




Town of Simsbury

933 HOPMEADOW STREET ~ SIMSBURY, CONNECTICUT 06070

Department of Public Works - Engineering Division

MEMORANDUM

To: George K. McGregor, AICP, Director of Community Planning and Development

From: Adam D. Kessler, P.E., Deputy Town Engineer 

Cc: Daniel F. Gannon, Project Engineer

Subject: **Engineering Comments – Westminster School Rec Area Improvements
#995 Hopmeadow Street**

Date: May 9, 2024

The Engineering Department has reviewed the documents submitted as part of a Site Plan Application for improvements to a recreation area at Westminster School located at #995 Hopmeadow Street.

1. Site Development Plans set titled “Westminster School Recreation Area, Construction Documents” prepared by Fuss & O’Neill; dated April 5, 2024. Received April 26, 2024.
2. Stormwater Management Report prepared by Fuss & O’Neill dated April 19, 2024. Received April 29, 2024.

The applicant has submitted plans to improve a recreation area on the Westminster campus. The project includes construction of a new pavilion building, new painted sports court, and associated supporting utilities.

1. New volume of Connecticut Guidelines for Soil Erosion and Sediment Control was published on September 30, 2023. This document will be effective March 30, 2024, which is prior to the completion of this construction and should be used. Applicant shall revise plans and drainage report to comply with the new guidelines.
2. New volume of Connecticut Stormwater Quality Manual was published on September 30, 2023. This document will be effective March 30, 2024, which is prior to the completion of this construction and should be used. Applicant shall revise plans and drainage report to comply with the new guidelines.
3. Water quality volume calculation is noted as the first inch of rainfall in the narrative. Based on the new stormwater manual, the water quality volume is based on the first 1.3” of rain. The calculation utilizes the new rainfall amount. Revise the narrative accordingly.
4. The assumed infiltration rate is 14 inches/hour. Please refer to Chapter 10 of the new Connecticut Stormwater Quality Manual for design rates, specifically Table 10-2 for default rates based on USDA Soil Textural Class. Revise the calculations and report accordingly.