

OCC Group, Incorporated
ENGINEERS • SURVEYORS • PLANNERS
2091 Highland Avenue, Cheshire, CT 06410
TEL: (203) 260-7626 FAX: (203) 271-2727
EMAIL: OFFICE @OCCDESIGN . NECOXMAIL.COM

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JUN - 1 2021

June 1, 2021

W.L.F.D. INLAND/WETLAND

WALLINGFORD IWWC
c/o Erin O'Hare Environmental Planner

Based on the relocation of the proposed In-ground swimming pool as reviewed at our Site Meeting, we have recalculated the flood plain areas for the Town Engineer and find that the loss of storage area has been reduced from 46.5 Cu. Yds. to 34.35 Cu. Yds.

As such we have reduced the compensatory storage provided by the proposed rain garden area from 46.5 Cu. Yds. to 36.35 Cu. Yds. as reflected on revised plans dated June 1, 2021.

Respectfully submitted,
OCC Group, Incorporated

Attachments: Flood Storage Computations
Revised Rain Garden Configuration
Revised Flood Storage Sections

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June 1, 2021

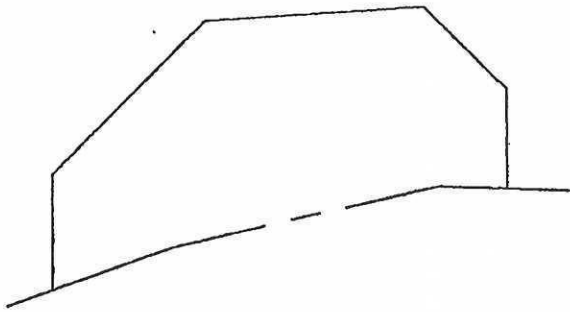
CAVALLARO FLOOD PLAIN COMPS
475 WILLIAMS ROAD, WALLINGFORD

Pool Area Within Flood Plain: 929 SF

Avg. Depth (240.2 - 238.2) : 1 FT

2

Total Volume: (929) (1) = 929 CU FT = 34.33 CU YDS
27



Rain Garden Area Outside Flood Plain: 738 SF

Depth (241.0 - 238.67) : 1.33 FT

Total Volume: (738) (1.33) = 981.54 CU FT = 36.35 CU YDS
27

