

December 22st, 2022

Michael Silveria
Senior Planner
Hingham Planning
Town of Hingham
210 Central street
Hingham, MA 02043

**RE: Minor Modification – Site Plan Approval
392 Main Street
Hingham, MA 02043**

Dear Michael:

The purpose of this correspondence is to request a minor modification of the site Plan approval originally approved on November 29, 2021.

The applicant/owner would like to construct a sports Court in the rear yard. The stormwater infiltration system has been redesigned to accommodate the additional runoff created by this new impervious surface. Instead of only a portion of the roof runoff being captured, the entire roof runoff is now captured to ensure the post development runoff rates are lower than pre-existing. Peak rates of runoff and volumes are summarized in the table below.

Storm	Existing Runoff Flow	Existing Volume	Post Development Runoff Flow	Post Development Volume
2-Year-24 Hour (3.2")	0.02 cfs	0.012 af	0.02 cfs	0.010 af
10-Year-24 Hour (4.65")	0.38 cfs	0.054 af	0.34 cfs	0.048 af
100-Year-24 Hour (6.8")	1.91 cfs	0.156 af	1.71 cfs	0.144 af

The combined analysis shows reduction of the flows and volumes for the 2, 10, and 100 year storms compared to the existing conditions.

Please let us know if you have any questions regarding this correspondence.

Sincerely,

Merrill Inc.



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Brendan P. Sullivan, P.E
Senior Project Engineer

Enclosures

cc: S. Giannaros
File 19.022

