



Projects:\5590\Fenn School\NOI

PRINCIPALS

August 21, 2020

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Ms. Delia Kaye, Director
Concord Natural Resources Commission
141 Keyes Rd
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Subject: DEP File No. 137-1534 | Additional Information - Notice of Intent for Proposed Seasonal Floating Dock at 767 Monument Street, Concord, Massachusetts | Fenn School - Applicant

Dear Commission Members:

With collaboration from the Fenn School, Inc. ("Fenn School" or "Applicant"), Epsilon Associates, Inc. ("Epsilon") submits this correspondence ahead of the Public Hearing for this project scheduled for September 2, 2020. The Fenn School requested a continuance of the hearing to the September 2nd meeting date, because they had scheduled a meeting with the SuAsCo Wild and Scenic River Stewardship Council ("RSC") for August 4, 2020. We wanted the opportunity to meet with the RSC and address any comments before meeting with the Commission again.

Attendees at that meeting discussed a range of topics. The RSC members were supportive of the Fenn School's canoeing program designed to teach students boating (canoeing) skills, introduce the students to the outdoors to teach environmental stewardship and awareness, and to use the river as an outdoor classroom. Parties agreed that exposing young people to nature will instill in those students a life-long love of nature and help to grow the next generation of environmental stewards. RSC members' comment on the proposed seasonal dock primarily focused on the RSC's interest of aesthetics. In response to those comments we are proposing minor adjustments to the dock, and those include:

1. Visibility of the float support posts – We propose to paint the galvanized support posts so they will not be so noticeable against the landscape; and
2. Visibility of the gangway especially the aluminum handrails – The handrails on the proposed gangway provide structural stability. Therefore, we are researching ramps

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that don't include railings and still provide a stabile ramp. If no replacement gangway is found, we prose to either find a product with coloured railings (anodized aluminum) or to paint the railings to make it less noticeable against the landscape.

The RSC members also asked about the location of the float relative to the river channel, to make sure the float won't interfere with navigation. To answer that question, we reviewed the Federal Emergency Management Agency ("FEMA") Flood Insurance Study ("FIS") (dated July 6, 2016) which provides relevant information for a major watercourse such as the Concord River. Concord River Profile 164P, see attached copy, depicts the river channel plus the various flood elevations. When preparing the FIS, FEMA surveys cross-sections of the river and from those cross-sections produce the riverbed profiles depicted on the profile sheets. The Fenn School dock will be located at station 80,000 (80,000 feet above the Concord's confluence with the Merrimack River) or about 2,300 feet downstream from the Monument Street Bridge. At this location the riverbed is at approximately elevation 101 feet NAVD88. As shown on the design drawings, previously submitted, the riverbed at the dock is elevation 108 to 109 feet NAVD88. Therefore, the float will not be located in the channel and will not interfere with navigation past this location on the river.

We look forward to discussing the project at the next Commission meeting, scheduled for September 2, 2020. If you have any questions regarding this NOI please do not hesitate to contact me at (978) 897-7100 or via e-mail at ddunk@epsilonassociates.cpom.

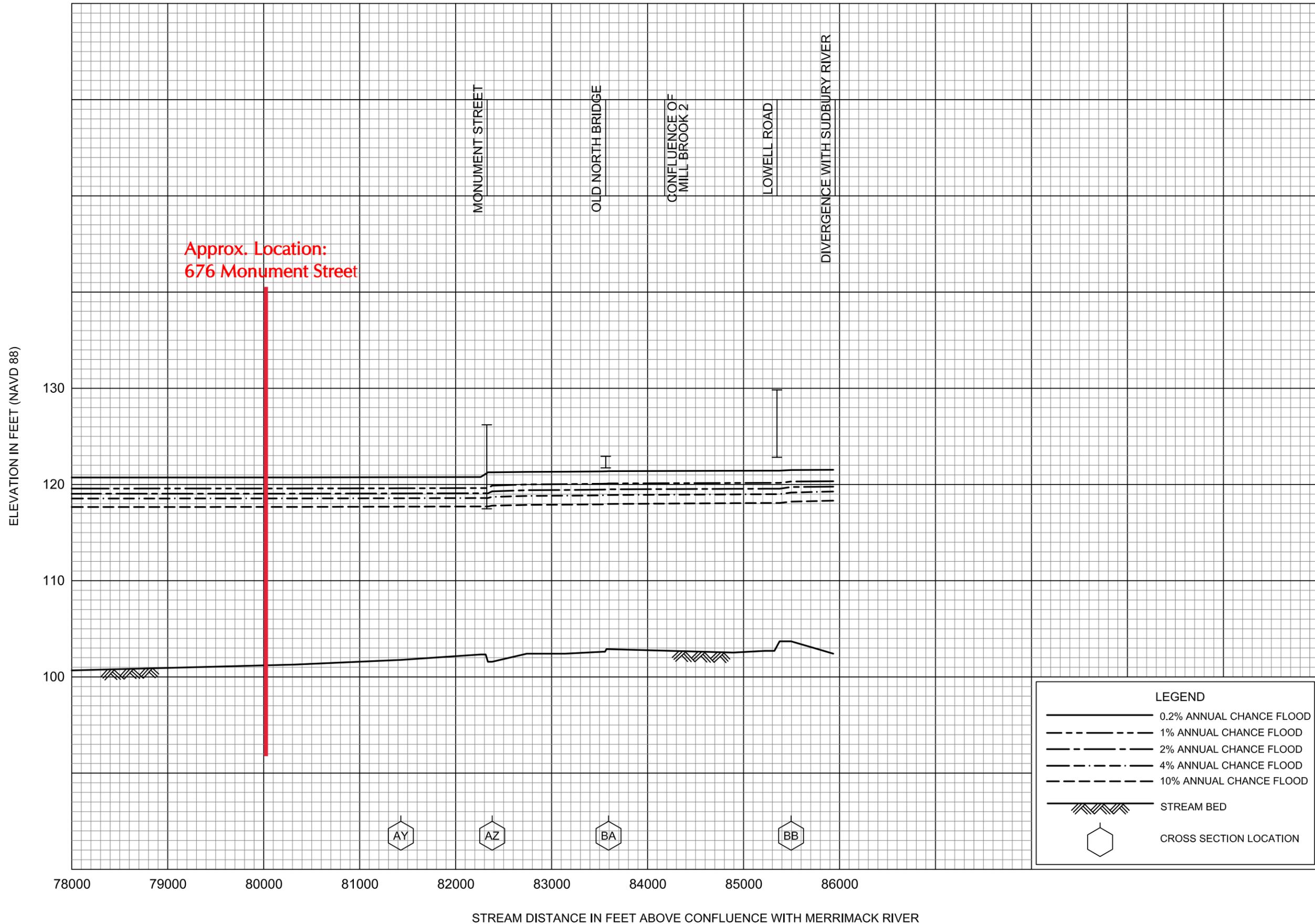
Sincerely,
EPSILON ASSOCIATES, INC.



Dwight R. Dunk, LPD, PWS, BCES
Principal

encl. Concord River Flood Profile – 164P

cc: MassDEP NERO
D. Platt, Fenn School



FLOOD PROFILES

CONCORD RIVER

FEDERAL EMERGENCY MANAGEMENT AGENCY

MIDDLESEX COUNTY, MA

(ALL JURISDICTIONS)