

Bay Colony Group, Inc.

Professional Civil Engineers & Land Surveyors

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April 18, 2023

Mr. Robert W. Boette, Chairman
Foxborough Conservation Commission
40 South Street
Foxboro, MA 02035

**RE: 33 Granite Street
Foxborough, MA**

Dear Mr. Boette,

On behalf of our client, Rene Olsen, we are submitting herewith a Request for Determination of Applicability pursuant to Chapter 131, S.40, Wetlands Protection Act and Chapter 267 Foxborough Wetlands Protection Bylaw for the repair of a failed septic system at 33 Granite Street Foxborough, MA. Enclosed please find 8 copies of the WPA Form 1 – Request for Determination of Applicability (RFDA), which includes the sewage disposal system design plan and a check in the amount of \$75 for the Town fee.

The property is an existing 3-bedroom home on a 16,892+/- sf lot located on the northern side of Granite Street, just to the northeast of the intersection with Union Street. The existing septic system consists of a cesspool located in the backyard of the home. The property slopes from the south to the north to a bordering vegetated wetlands (BVW) located at the rear of the property. The wetlands were flagged by the Pare Corporation.

We propose to pump, crush and fill the existing cesspool and construct a new system in accordance with the State Sanitary Code and the local Board of Health Regulations. We are proposing to tie into the existing outlet pipe at the septic tank and the leaching field will sit to the north of the existing home. In order to provide additional environmental protection, we are proposing the use of an alternative system to treat the effluent from the system. We have chosen the Presby Environmental, Inc. Enviro-Septic Wastewater Treatment System. The system will provide enhanced treatment and the effluent will be reduced in strength, considerably below that of a standard septic tank effluent. The system will consist of a 150' of Enviro-septic lines on a 32' x 13' system sand bed. The septic tank will be about 74' from the BVW at its closest point and the leaching field

will be about 55' from the BVW at its closest point. Erosion control will consist of a 12" silt sock installed prior to the start of construction and will remain in place until the system is completed. Due to the constraints of the lot and the location of the BVW, three waivers have been requested from the Foxborough Board of Health in order to construct the system.

We expect to start construction of the system shortly after all approvals are granted and to complete construction within 2 weeks of start of work, weather permitting.

Thank you for your consideration and please feel free to contact me should you have any questions or concerns that you would like us to address prior to the public hearing.

Very truly yours,

BAY COLONY GROUP, INC.

Cameron Gray
Project Engineer

William R. Buckley, Jr., P.E.
Project Manager