



George J. Saraceno, Assistant Town Engineer

TO: Don McCauley, Planning Director
Julie Meyer, Wetlands Administrator

RE: **Large House Review (LHR)**
112 Abbott Road (Lot 2)

DATE: September 15, 2022

The Department of Public Works (DPW) Engineering Division received a revised set of plans and documents for the LHR project at 112 Abbott Road. The revised plans and documents included the following.

- Proposed Conditions Site Plan (dated 8/25/22)
- Detail Sheet (dated 8/25/2022)
- Impervious Area Calculations (dated 8/25/2022)
- Areas within 25-Foot Buffer (dated 8/25/2022)
- Landscaping Light Catalog Sheet
- Architectural Plan A200-201 (dated 8/29/2022)
- Landscape Plan L1.0-L4.0 (dated 8/30/2022)

The Proposed Conditions Site Plan was revised to show that the proposed onsite infiltration system is evenly split with two 16 Cultec 180HD units. The infiltration system was split into two systems because of the existing trees on the site. The soils in the area of the relocated infiltration systems are a type B soil, sand and gravel, well suitable for infiltration.

The DPW submitted a memo dated September 19, 2022 to the Planning Department with no further comments. We believe the Applicant's designer has appropriately responded to DPW comments, which are shown on the revised plans and documents provided. We note that the revised impervious area calculations show a net decrease in impervious area of 383 square feet for the site. The net decrease of impervious area for the site is due to the proposed pervious driveway at 3,336 square feet.

We hope that our response to the Applicant's recent submittal supports the final approval of the project by the Planning Board.

Sincerely,

A handwritten signature in blue ink, appearing to read "George J. Saraceno", written over a blue horizontal line.

George J. Saraceno
Assistant Town Engineer

Cc: David Cohen, David Hickey, William Shaughnessy,
Michael Quinn, Gerry Bruno, Rafi Razzaque
Scott Showstead, Michael Grant, Eric Arbeene, Emmalin Coates
Lenny Izzo, Verne Porter