

APPLICATION REVIEW – Revised Submission

Long Hill Estates Subdivision
53 Long Hill Road
East Hampton, CT
May 26, 2021

Review Comments prepared by:
Barton & Loguidice, LLC

Documents Reviewed:

Application Drawings: “Long Hill Estates Residential Subdivision 53 Long Hill Road East Hampton, Connecticut Inland Wetlands and Planning & Zoning Application” plan sheets: CV-1, EX-1, EX-2, SP-1, SP-2, GU-1, DA-1, DN-1, DN-2, TD-1 with various dates, latest revision date of 4/25/21 by Robert V. Baltramaitis, P.E. 27 Tammy Hill Road, Wallingford, CT and CT Land Surveying, LLC 58 Old Tavern Road, Orange, CT

Stormwater Analysis: Prepared by Robert V. Baltramaitis, P.E. dated April 23, 2021.
The drawings and the Stormwater Analysis for this submission have been revised to May 10, 2021.

Barton & Loguidice, LLC has reviewed the documents listed. Based upon our review (excludes zoning compliance and septic system design), we have the following comments:

1. Provide revised stormwater calculations/basin grading so that the information is consistent between the plans and calculations. The calculations submitted for the stormwater basins represent higher berms than shown on the plans and overtopping during the 100-year storm would occur for several basins as shown on the plans. Berms will need to be raised to provide a spillway elevation as labeled. Please provide the Pond Report printouts for the 2, 10, 25 and 50 in addition to the 100 year that was included.
2. It is recommended that note 13 on sheet GU-1 be revised to also include the design infiltration rate that was used in the submitted calculations. If at the time of construction, the soils, groundwater elevation and infiltration rate are suitable for the design then the basin may be constructed as shown on the approved plans. If conditions are not suitable or the infiltration rates are found to be less than what was included in the design, redesign of the basin will need to be submitted and reviewed by the town. The site conditions for the stormwater basins shall be in compliance with the 2004 CT DEEP Stormwater Quality Manual Chapter 11, section 11-P3, Infiltration Practices. Per this document, the bottom of the infiltration basins should be located at least 3 feet above the seasonally high water table or bedrock.
3. It is recommended that the additional soil testing required during construction be included as a condition of approval.
4. It is recommended that construction entrance pads be installed at *all* of the proposed driveways during construction.