

# TOWNE ENGINEERING, INC.

PROFESSIONAL ENGINEERS • LAND SURVEYORS • EXPERT WITNESS

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JOSEPH H. BOUCHER, M.S., L.S.

MATTHEW D. MAYNARD, P.E.

RECEIVED

JUN 08 2020

INLAND WETLANDS

June 8, 2020

Todd Penney, P.E.  
1712 Main Street  
Coventry, CT 06238

Re: 285 Woodland Road, Site Plan for New House & Garage  
TEI Job No #19-98

Dear Mr. Penney,


We have made revisions to the current site plan for this application based on a site meeting we attended with you, your staff, and the Applicant on June 5, 2020 and would like to provide additional comments, which we hope, will satisfy any remaining issues you have with this proposed development.

1. The location of the rain garden was a topic we reviewed at our meeting. Currently it is proposed at the northwest corner of the house. It is proposed at this location to receive the benefit of the proposed footing drain of the house, which will reduce the elevation of the water table well below the bottom of the proposed rain garden thereby ensuring continued infiltration of the detained roof water.
2. We have revised the location of the proposed sewer for the house and garage. We have moved it closer to the house and garage, and further away from the wetlands on the north side of this site.
3. We revised and added to the plan a vegetated buffer strip, which is proposed on the north side of the site between the house and the property line, and is proposed along the entire length of the house. We have proposed this area be landscaped with mulch and planted with Lobelia, Low Bush Blueberry, Japanese Iris, and Mint. These species were chosen by the Applicant following their own reaserch.
4. The last item I would like to review is the stone drip edge. The Applicant is not installing gutters on this proposed house, and therefore we are utilizing a stone drip edge to dissipate and convey the roof water. We have added details on this item in our last plan revision, and have proposed different drip edges on the north and south of the proposed house. The northerly drip edge of the house is proposed to collect, and infiltrate the roof water. Then whatever roof water is not infiltrated will then flow into the proposed rain garden located at the west end of the house. The south side will also have a drip edge, and we will get some infiltration of the roof water but the amount is minor and I have not included in the

capacity cited on the plan, and it is proposed to stabilize the ground surface and prevent erosion around the south end of the house.

Please review our response and please let me know if you have any further questions, comments or concerns.

Sincerely,

A handwritten signature in blue ink, appearing to read "Matthew Maynard", with a long horizontal stroke extending to the right.

Matthew D. Maynard, P.E.  
Project Engineer  
For: Towne Engineering, Inc.