



July 8, 2019

Ms. Marcia Gasses
Town Planner and Land Use Administrator
Town of Barrington
P.O. Box 660
Barrington, New Hampshire 03825

Subject: The Ridge at Green Hill – Map 223, Lots 24 & 26
Engineering Review

Dear Ms. Gasses:

DuBois & King has completed a technical review of the plans and materials submitted for the above referenced project. The following plan sets were reviewed:

- o The Ridge at Greenhill Subdivision, Old Green Hill Road/ Route 125, by Beals Associates (Tax Map 223 , Lots 24 & 26) dated May 6, 2019, revised on June 20, 2019.
- o Drainage Analysis / Erosion and Sediment Control Plan, by Beals Associates, dated May 8, 2019, with a revision date of June 26, 2019.

The following were comments noted during the engineering review:

1. As noted in our previous comment letter, we recommend that driveway aprons, including all necessary driveway culverts, are designed and installed as part of the roadway construction.
2. The applicant has stated they have requested a waiver from the requirement for 6' shoulders in cut sections, as specified in Subdivision Regulations Section 12.2.1, Table 1 – Road Design Standards. We recommend that the applicant provide a copy of the waiver request.

Sheet No. 24 of 37 – Plan & Profile – P6, Sta. 5+80. The proposed ditch and outlet configuration on the left side shows a proposed headwall with an approximate 5.5' vertical drop from the shoulder to bottom of ditch. This presents a potential safety concern. We recommend that the applicant address this issue.

4. Sheet 32 of 37, Typical Cross Section. We recommend that the applicant make the following revision: Revise notes to state that compaction shall be performed until 95% of maximum dry density is achieved in accordance with AASHTO T99 as required in Article 12.8.1(4) of the Subdivision Regulations. **Repeat Comment:** Please add specific reference to AASHTO T99.
5. Plan and Profile Sheet 20 of 37, and Cross Sections Sheet 34 of 37: Stations 16+00 – 17+50: We recommend that the applicant provide guardrail in this area in accordance with Subdivision Regulations 12.87.7.

*add section/drop
in 23.*

Ms. Marcia Gasses,
Engineering Review
July 8, 2019
Page 2 of 2

If you have any questions or comments, please do not hesitate to contact us.

Very truly yours,
DuBOIS & KING, Inc.

A handwritten signature in black ink, appearing to read "Jeff Adler", written in a cursive style.

Jeffrey Adler, P.E.
Senior Project Manager