

James Engineering, Inc.  
125 Great Rock Road, Hanover, MA 02339  
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February 10,2020

Ms. Emily Wentworth, Senior Planner. Zoning Assistant  
Town of Hingham  
210 Central Street  
Hingham, MA 02043

Re: 302-304 Whiting Street

Ms. Wentworth;

In response to the comments we received from Amory Engineers, Inc. attached for your review and approval are 2 copies of the revised plans. In response to the comments, we offer the following;

#### **General**

1. The geometry of the access & utility easement is now shown on the layout sheet.
2. The Hingham Fire department ladder truck turning radius template is now shown on the layout sheet. The truck can easily make it onto the site within the limits of the pavement as shown.
3. The abutting dwelling has been added to the plan. The proposed house was rotated to be more closely aligned with the front of the dwelling
4. The grades as proposed were specifically made in an effort to ease the impact of the slope down to the Derby Brook driveway for the future residents. We have added a small stonewall on this slope to use more of the soil. However, the secondary benefit of this removal is the possibility of swapping out the gravel for the stones necessary for the wall and the topsoil that will be needed to support vegetation on the lot.
5. The building sizes have been corrected and decks and entrance walkways are now shown.
6. The proposed cape cod berm is now labeled.
7. Site distances at the entrance are now noted and will not be an issue.
8. A landscaping plan has been added to the drawing set.
9. North arrows have been added to each of the plans.

#### **Drainage & erosion Control**

1. All of the proposed systems have been sized based upon calculations. The calculations are being prepared for the filing with the conservation commission and a copy will be available for the review engineer before the end of the week.
2. The entrance throat into the catch basin is only 2.5' from the property line as proposed.
3. Filter fabric wrap is now shown on the detail
4. That drywell was inadvertently left on the plan. It is not needed and has been removed.
5. The eliminator is not needed, and the detail has been removed.
6. A 12" mulch log is now shown on the grading sheet

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7. The Operation & maintenance manual for the site will be forthcoming with the drainage calculations.

#### Utilities

1. The gas service to each unit is shown. The power and CATV will be brought to each building from the existing utility pole on site, which is now shown.
2. The well is now shown and a note to abandon in accordance with the board of health regulations is now shown on the septic plan.
3. No comment required
4. We agree. Our intent is to perform these tests later. The 8 test pits conducted in 2003 all indicate that the soils are all Class I sand. We do not anticipate any differences when the tests are actually conducted.
5. 302 Whiting street Septic design.
  - a. The adjacent stormwater feature was designed 2' above maximum groundwater. We are assuming the bottom elevation for maximum groundwater until test pits are actually conducted.
  - b. Agreed
  - c. Correcting the house size gave us the opportunity to move the reserve area which is now 101.3' from the nearest wetland flag.
  - d. The system has been moved and will now meet breakout.
  - e. The perc test results have been corrected.
  - f. The distance is now noted on the plan.
6. 304 Whiting street Septic design.
  - a. The adjacent stormwater feature was designed 2' above maximum groundwater. We are assuming the bottom elevation for maximum groundwater until test pits are actually conducted.
  - b. Agreed
  - c. The perc test results have been corrected.
  - d. The distance is now noted on the plan.

Thank you for your consideration in this matter. If you have any further question or comments regarding the submission, please do not hesitate to contact me. I look forward to meeting with you to discuss the matter further.

Very truly yours,

  
Gary D. James, P.E.