

AZIMUTH LAND DESIGN, LLC

Civil Engineers & Erosion Control Specialists

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December 29, 2023

Millbury Zoning Board of Appeals
Town of Millbury
127 Elm Street
Millbury, Massachusetts 01527

Re: Rice Pond Village comprehensive permit application
17 Rice Road, Millbury
Conservation Commission Memorandum dated 11/14/2023

Dear Board members:

I want to take this opportunity to respond to the Memorandum from the Conservation Commission. The form that this response will take is that I will keep that Memorandum's numbering and summarize each comment, for brevity, in italics and then respond in normal text.

1) Plans are difficult to read.

I apologize that this is the case on some sheets but we included separate Existing Conditions Plans, Site Layout Plans and Utility Plans in addition to the Grading Plans and Sediment and Erosion Control Plans that have a higher density of information.

2) Will the pond receive adequate runoff?

The great majority of the runoff flowing to the pond behind #'s 3-9 Rice Road is from the offsite watershed south of Rice Road and the Rice Road abutters. The differences in volume of runoff flowing to the pond, called pond 3P in the predevelopment calculations and pond 13P in the postdevelopment calculations are extremely small. For instance, 3.656 acre feet of runoff flows into the pond in the 2 year storm event predevelopment and 3.654 acre feet postdevelopment. This is a reduction of less than 1/10 of 1 percent.

3) Will runoff from building #2 and pool area negatively impact 11 Rice Road?

No, because there will not be an increase in the rate of flow of runoff to that property. That property line is one of the design points studied in the Drainage Report.

4) The 100 foot buffer zone line on sheets ESC1-3 does not match the legend.

We changed the line type of the 100 foot buffer zone limit on both plan views and the legend to avoid any confusion.

5) *There's an inconsistency in labelling of erosion control between ESC plans and detail sheets.*

This was fixed by changing the label in the legend of sheets ESC1-3 so that the proposed barrier at the limit of work is called the "sediment control barrier", the same term as the silt fence backed by staked straw bales shown on sheet D1.

6) *Legend symbol for 'Infiltration Area' on sheets ESC1-3 does not match the plans.*
We revised the symbol in the legend on sheets ESC1-3 to more closely resemble the actual infiltration areas on the plans.

If you have any questions at all, please contact me.

Sincerely,

AZIMUTH LAND DESIGN, LLC



James Tetreault, PE, CPESC

Cc: Millbury Conservation Commission
SJV Investments, LLC