MARCUS J. MOLINARO
COUNTY EXECUTIVE

A.K. VAIDIAN, MD, MPH
COMMISSIONER

COUNTY OF DUTCHESS

DEPARTMENT OF BEHAVIORAL AND COMMUNITY HEALTH
DIVISION OF ENVIRONMENTAL HEALTH SERVICES

October 6, 2020

Robert D. Ferris and Caroline Reichenberg
R. Ferris Real Estate, LLC
1177 Route 55
Lagrangeville, NY 12540

Re: Ridgebrook Country Estates, Lot No. 2, 4, 7, 10, 11, 16 and 21 Approval Extension
(Dutchess County Clerk's Filed Map 7684)
Tax Map Nos. 04-7063-00-026751 (Lot 2), 105765 (Lot 4), 056708 (Lot 7), 172710 (Lot 10), 141688 (Lot 11), 04-6963-00-961675 (Lot 16) and 04-7063-00-035666 (Lot 21)
Halls Corners and Cart Roads in the Town of Dover

Dear Mr. Ferris and Ms. Reichenberg,

Health department approval was originally granted to the Ridgebrook Country Estates subdivision on May 21,1986. The approval included the arrangement of water supply and sewage disposal facilities on the above-referenced lot.

It is determined from your request and our review of the subdivision to extend the health department approval to October 6, 2023 for Lot Nos. 2, 4, 7,10, 11, 16 and 21.

The original approval and above extension require the future installation of sewage disposal systems to conform to the approved plan (Filed Map 7684) and to the following conditions.

1. A 1,000-gallon septic tank shall be used for a two (2) or three (3) bedroom sewage disposal system. A 1,250-gallon septic tank shall be used for a four (4) bedroom sewage disposal system. The septic tank shall be increased by 250 gallons for each additional bedroom (e.g. 1,500-gallon septic tank for 5 bedrooms).

2. Placement of the sewage disposal system absorption field on Lot Nos.4, 10, 11, and 21 shall be sand and gravel fill with a stabilized percolation rate that is less than or equivalent to the percolation rate of the virgin soil, but no more than 15 minutes per inch. A New York State Professional Engineer shall certify to us in writing that the fill material is in the proper place, is of the proper quantity and dimensions, and is of proper quality. Proper quality must be demonstrated by stabilized percolation tests, the results of which shall be submitted with the engineer's certification.

The sewage disposal system fill depth on the filed map represents the sand and gravel content but does not include the topsoil layer required to be placed over top of the sand and gravel fill. A minimum 6 inches of suitable topsoil must be added after placement of sand and gravel fill and absorption trenches.

As a reminder, Note No. 26 on the approved plan (Filed Map 7684) requires additional sewage disposal system design by a New York State licensed Professional Engineer or Registered Architect when the tile field (absorption trenches) exceeds five hundred (500) lineal feet. In other words, new plans will need to be submitted for health department review and approval if the number of bedrooms for a proposed residential dwelling exceeds three (3) on Lot Nos. 4, 10, 11, 16 and 21.

If you have any questions, please call me at (845) 486-3404.

Very truly yours,

David MacDougall
Public Health Engineer
Environmental Health Services

cc: Town of Dover Building Inspector
Millbrook District Office
File (088-005425)