

Meredith Badalucca

From: Mark Beaudry <mbeaudry@civilworksne.com>
Sent: Monday, January 23, 2023 12:57 PM
To: Michael Kirby
Cc: David Coughlin; Liz Burdick; Jim Cassidy; Steve Haight; John Tuttle; John Lavin
Subject: RE: 689 Old Colchester Road

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Hello Mike (and David): Thanks for your comments (screen shot below). In response:

- 1) We designed this based on the CT office design flow regulations of 1 employee per 200 SF resulting in the 7 employee design. Yes, there could be 10 people in the building on occasion, and we can enlarge the system if necessary. That said, the Town of Montville is now asking us to revisit the building believing that it is too large to be considered an “accessory use”. We have also continued the Planning Comm. meeting to next month. I will wait to formally respond, or redesign the system, until after we meet with the Town.
- 2) The percolation rate was on the plan, but we will add the detailed information as requested.
- 3) We have test pits all around the reserve area so thought we would be OK. We will move the reserve area to be close to an existing test pit instead of doing another test pit.
- 4) The bottom of TP A-3 was only 0.1’ higher than the bottom of TP A-2 with the only concern being depth to bedrock. Plus the geotechnical engineer found no rock to 10’ at the building corner close by, which was deeper than the bottom of A-3 and more than 4’ below the bottom of the system. So, basing the design on A-2 we felt was acceptable. That said, we will raise the system 0.1 to have it be based on A-3 as requested.
- 5) Will do.

We will update you after our upcoming meeting with Liz Burdick in Montville to discuss the project.

Mark

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- 1] The application to the Planning and Zoning Commission states that there will be two full time employees and up to eight transient employees. The application to the Uncas Health District and the basis of design for the septic system is for seven employees. If up to eight transient employees may use the facilities in a day, the design of the septic system should be based on ten employees.
- 2] The percolation test data, including the depth, presoak time and all readings are to be included on the plan.
- 3] A test hole must be dug in the reserve area.
- 4] The design is to be based on TPA3 which is in the area of the system, not TP A2 which is 25' upgrade.
- 5] Prior to the start of construction, the building and system are to be staked by a licensed engineer or surveyor.

From: Michael Kirby <chfsanit@uncashd.org>
Sent: Monday, January 23, 2023 12:26 PM
To: Mark Beaudry <mbeaudry@civilworksne.com>
Cc: David Coughlin <dcoughlin@uncashd.org>
Subject: 689 Old Colchester Road

Mark,

My comments are attached.

Mike

Michael J. Kirby, R.S.

Chief Environmental Sanitarian
860-823-1189 Extension 119

