

6790 - 99 West Shore Road - Commission member questions, comments & concerns.

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To: Paul Szymanski <pszymanski@ahhowland.com>; Spencer Myles <smyles@ahhowland.com>; Heather Fleet <hfleet@ahhowland.com>

Cc: Shelley White <swhite@washingtonct.org>

Good morning all,

The following are the questions, comments & concerns the commission members has during last evenings site walk at the above referenced property:

Shelley,

I believe I listed everything the Commission members had asked / inquired about but please forward this list to them when you have a moment to confirm whether or not I have missed anything. Thank you!

Proposed Well Installation

- Has CTDOT been contacted to review the work involved with the installation of the proposed well given its difficult location, proximity to the road and its location within the State Highway R.O.W.?
- How & where will the well drilling rig set up to install the proposed well? From the driveway? From the road? Either location will require being dangerously close to the overhead power & communication lines and will require detailed coordination with the respective utility service providers. Confirm whether or not traffic control by the police will be required.
- Extreme care must be taken when performing the drilling to insure no spoils, drilling mud or water flow directly into the lake.
- Explain the installation details for the water and electrical lines from the well to the house which is currently depicted as running under/through the existing stone retaining wall along the south side of the driveway, under the existing driveway and along the face of the existing stone retaining wall along the north side of the driveway.

Proposed Septic Tank, Pump Chamber, Force Main & Infiltration Unit Installations

- Describe how the necessary excavation equipment will access the locations for the installation of the proposed septic system components. There is minimal room off the southwest corner of the house for the installation of the septic tank and pump chamber and it is unclear as to how the necessary excavation equipment will access the area where the proposed leaching units are to be installed. Confirm whether or not access agreement(s) will be necessary to access said locations across adjoining private properties. Is access to the proposed leaching field location from above planned?
- Will there be any regrading of the currently existing topography in the vicinity of the proposed septic tank and pump chamber off the SW corner of the existing house or will the tanks just be installed deep enough to as to avoid any significant regrading of said area?
- Proposed reserve infiltration unit location crosses a significant existing stone wall. Will this wall be relocated as or simply removed for the future installation of the reserve units? Is all of the proposed grading in the vicinity of the new leaching units (primary and reserve) to be completed now or will some of it be performed if & when necessary for the installation of the reserve leaching units?
- Clearly identify any and all trees that will be removed to both install the different portions of the proposed septic system and access their respective installation locations on site.
- The proposed routing of the force main is along the west side of the existing house, up through the existing concrete steps, and up the hillside to the proposed leaching field. Will the steps be removed and replaced to accommodate this installation? Is there significant trenching through ledge anticipated for the installation of the force main? Detailed installation description, details, etc. must be provided for review and approval by the Commission prior to approval being granted. The Commission members noticed an existing 1.5" – 2" black HDPE line stub above the existing propane tanks that is wrapped in what appeared

to be heat trace tape. Is there a possibility of following the routing of this line for the proposed sanitary force main up to the proposed leaching fields?

- Will a generator system be installed to allow for operation of well and sewage pump chamber during power outages?

Existing Water Supply Line Across Road

- Property owner acknowledges said water line provides ALL water for the existing house and will be removed per all Town of Washington IWWC requirements once proposed well is installed and operating.

Existing Septic System Abandonment / Removal & Disposal

- Explain in detail the process for abandoning the existing septic system leaching galleries, septic tank, etc. Fill with sand? Crush & backfill?

Possible Existing Driveway Slope Regrading

- The Client expressed a deep concern regarding the safety associated with using the existing driveway in its current configuration during periods of inclement weather and will be formally contacting the office to inquire as to what possible grading revisions could be developed to provide for a more accessible and safe configuration.

Please review these and contact me to discuss so I can prepare a formal comment response letter ASAP for submittal prior to next week's IWWC meeting on 8/11.

Thank you all and have a good day.

Christopher A. Francis

Senior Civil Engineer / Project Manager

DID YOU KNOW ...

All of the Regulations and Applications for every Town/City in Litchfield County is available online at <http://ahhowland.com/regulations.html>



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