

Date Submitted 7/9/20
Rec # 276016
Fee Paid 210.00
Application # WWC-2023

TOWN OF ANDOVER
INLAND WETLANDS & WATERCOURSES COMMISSION
Application for Permit

****You MUST submit application to the Building Department by the close of the workday (3:00pm) THURSDAY of the week before the next regularly scheduled meeting of the IWC. If Thursday is a holiday, submit the Wednesday before.**

1. SKIPS WASTEWATER SERVICES
Name of Applicant 860-997-6763
Evening Phone #
21 COURTNEY DRIVE
Mailing address 860-875-2332
Daytime Phone #
ELLINGTON, CT 06029
Town/State/Zip 860-997-6763
Cellular Phone #
2. JEFF POLHEMUS -
Name of Authorized Agent 860-997-6763
Daytime Phone #
(if different from applicant, example: architect/engineer/surveyor/attorney)
SKIPS WASTEWATER SERVICES
Business Name 860-997-6763
Cellular Phone #
21 COURTNEY DRIVE
Address ELLINGTON, CT 06029
Town/State/Zip
3. Applicants interest in the Property (please circle):
Owner Developer Builder Option holder Other
If Applicant is NOT the owner, please provide:
JOHN AND JANICE BENDA, 157 LAKESIDE DRIVE, ANDOVER, CT
Name and Address of Owner
860-742-5606 860-282-4470 (JOHN) JOHN: 860-377-9279
Home Phone Business Phone JANICE: 860-978-1772
Cellular Phone #
4. Has an application been filed with the Planning & Zoning Commission? No
Is this land part of a previously Approved Subdivision? ?
If so, attach copies of all permits.

5. Identify any other State or Town Permits pending for work on this property or required for work on this property. APPLICATION AND PLAN SUBMITTED TO EASTERN HIGHLANDS HEALTH DISTRICT FOR SEPTIC SYSTEM REPLACEMENT PERMIT.

6. Location of Property where proposed activity is to take place:

157 LAKESIDE DRIVE
Street address

Map 32 Block 47 Lot 13
Tax Assessor's Reference

Nearest telephone pole # _____

Subdivision & Lot # _____

Distance to intersection _____

7. **Map/Site Plan** (all applications) (**10 copies** of application and plans are required)

- 1) Attach to the application a map or site plan showing **existing conditions** and the **proposed project** in relation to wetland/watercourses. Scale of map or site plan should be 1" = 20', 1" = 30', or 1" = 40'; if this is not possible, please indicate the scale that you are using. A sketch map may be sufficient for small, minor projects. (See guidelines at end of application)
- 2) Applicants map date and date of last revision 7/3/20 REVISED: 7/7/20
- 3) Zone Classification AL
- 4) Is your property in a flood zone? _____ yes no X don't know

(Use a separate 8 1/2 x 11 sheet if necessary)

8. **Project description** (attach extra pages if necessary)

- Describe in detail the proposed activity here or on an attached page. (see guidelines at end of application)
- Please include a description of all activity or construction or disturbance:
- Type and volume of material to be filled or excavated:
 - a) in the wetland/watercourse
 - b) in the area **adjacent** to (within 100 feet from the edge of) the wetland/watercourse, even if the wetland/watercourse is off your property.

SEE ATTACHED PROJECT DESCRIPTION PAGE 4a

8. Project description:

This project involves the installation of a complete septic system to replace the existing septic system serving the residence at 157 Lakeside Drive in Andover, CT. The proposed work includes:

- Pumping out, crushing and filling with soil the existing septic tank and leaching structures.
- Installing a new septic tank, single leaching trench and associated piping.
- Sand fill will be imported for use in the leaching system construction. Sand fill will be used to replace existing unsuitable fill and buried topsoil in the area of the proposed leaching trench.
- Surplus soil material will be exported from the site to establish final grade in the system area at approximately the current site elevations.
- Topsoil will be imported for final grading and planting a lawn in all disturbed soil areas.
- Gravel will be imported as needed to reinforce the equipment access path around the south side of the dwelling.
- No excavation, filling, construction or grading is proposed in the wetlands/watercourse areas.
- The septic tank and leaching trench will be installed 80 – 100 feet from the shoreline of Andover Lake. The sand fill around the leaching trench will be installed approximately 75 feet from the lake. Site grading and temporary soil stockpiling will occur up to 50 feet from the lakeshore.
- Approximately 54 cubic yards of sand fill will be imported to the job site.
- An estimated 16 cubic yards of topsoil will be imported to the site.
- 5-10 cubic yards of gravel may be temporarily imported to reinforce the construction access path around the garage.
- An estimated area of 3000 square feet of the property will be disturbed by the proposed construction and temporary stockpiling of materials for this project.
- A small excavator and Skid Steer will be used for excavation, system installation, moving soil material and grading of the site. The work is planned for start and completion in mid to late August 2020.

9. Proposed erosion and sedimentation controls and other management practices and mitigation measures:

Existing and proposed site grading slopes toward the lake, so the downhill limits of sitework will be defined by a continuous row of silt fence installed to protect the lake from erosion and sedimentation. The silt fence will be installed prior to start of construction and maintained for the duration of the sitework. All disturbed soil areas will be graded with topsoil, raked, seeded and hay mulched upon completion of the project.

The area proposed for the installation of the new septic tank and leaching field was selected to optimize compliance with the Connecticut Public Health Code requirements for location and design of an on-site subsurface sewage disposal system while maximizing the separation distance to Andover Lake. Due to the location of the dwelling, on-site water supply well and off-site well locations and limited lot size, alternative system locations to achieve a greater separating distance to the lake were not available. The proposed system will be a greater distance from the lake than the existing leaching system and will provide proper separation from all water supply wells – this improves on the existing septic system proximity to the well at the abutting property to the south.

- Describe the amount and area of disturbance (in percentage of acre or cubic yards of material to be deposited)
 - in the wetland/watercourse
 - in the area **adjacent** to (within 100 feet from the edge of) the wetland/watercourse, even if the wetland/watercourse is off your property.

SEE ATTACHED PROJECT DESCRIPTION PAGE 4a.

9. **Proposed erosion and sedimentation controls and other management practices and mitigation measures** which may be considered as a condition of issuing a permit for the proposed regulated activity including, but not limited to, measures to (1) prevent or minimize pollution or other environmental damage, (2) maintain or enhance existing environmental quality, or (3) in the following order of priority; restore, enhance and create productive wetland or watercourse resources; alternatives considered and subsequently rejected by the applicant and why the alternative as set forth in the application was chosen; all such alternatives shall be diagramed on a site plan or drawing. SEE SHEET 4a.

10. **Names and Addresses of adjacent property owners:**

NORTH: ELIZABETH A. CARBONNEAU, TRUSTEE, 159 LAKESIDE DRIVE.

EAST: ANDOVER LAKE

SOUTH: ELIZABETH S. & GARY L. PRORIDGE, 151 LAKESIDE DRIVE

WEST (ACROSS ROAD): IRMA G. SCHOBEL, SCHOOL ROAD, ANDOVER.

11. **Owner's consenting signature:**

The undersigned, as owner of the property, hereby consents to the applicant seeking a permit for the proposed activity. The owner also consents to the necessary and proper inspections of the above referenced property, by the Andover Inland Wetlands Commission and its Agent, both before and after a final decision has been made by the Commission.

Jamie Bender
Signature of Owner

7/8/2020
Date

12. **Signature of Applicant:**

The undersigned is familiar with all the information provided in this application and is aware that any permit obtained through deception, inaccurate or misleading information is subject to revocation.

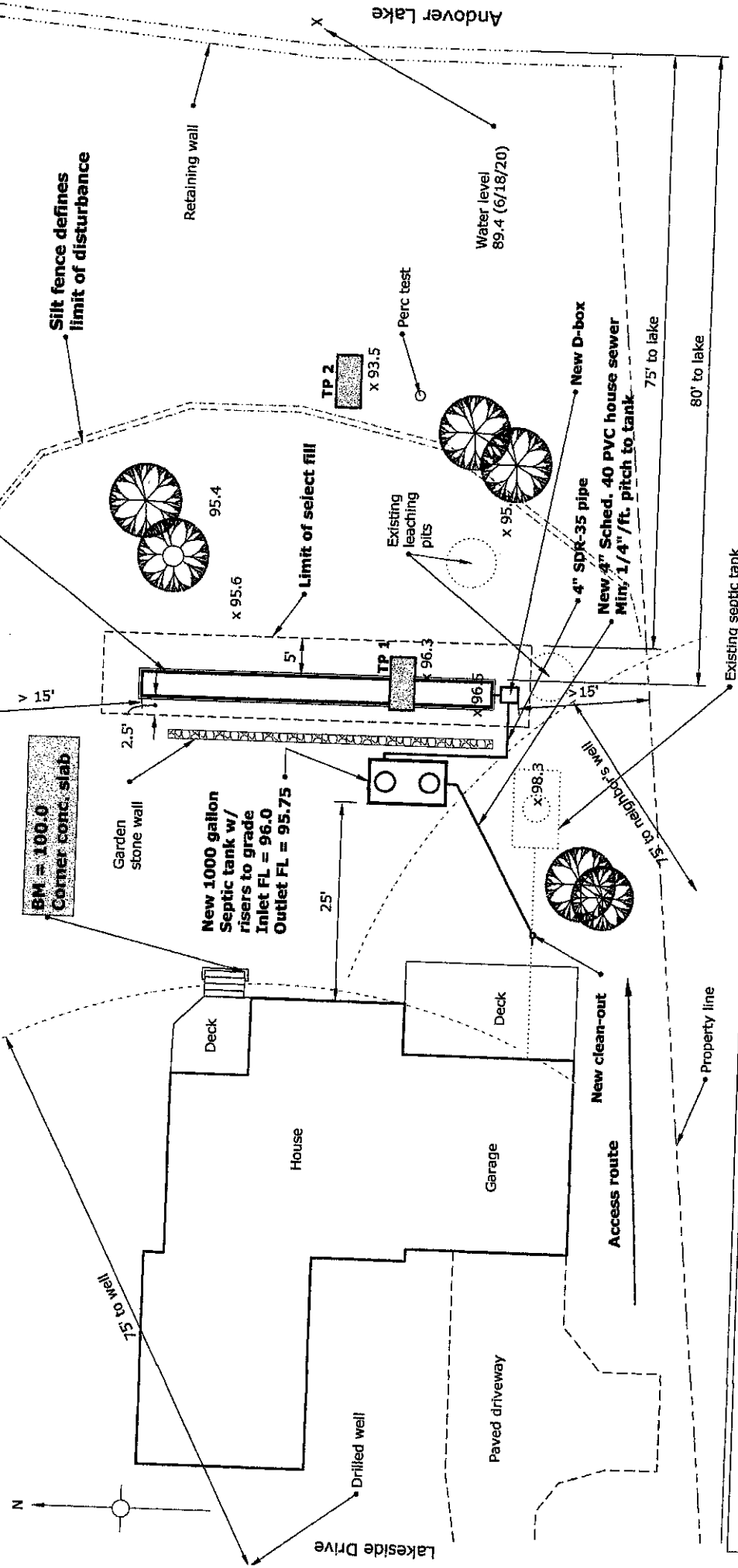
[Signature]
Signature of Applicant

7.7.20
Date

13. Additional information – if deemed a significant activity by the commission additional information is required – see section 7.6 of the commission's regulations.
14. Filing fee – Consult regulations and Wetlands Agent for appropriate fees.

Property line

45 FT row of Mantis 536-8 Standard units
Bottom of unit elevation = 94.25



3-Bedroom house

3-bedroom house
5-10 min./in. perc. 495 SQ FT ELA Required,
Soil restriction: 45" mottling TP 1 (21" natural)
MLSS: 21" uphill + 18" unit top + 19"
downhill/2 = 29" avg. RL, 7% slope
(HF) 28 x (PF) 1.0 x (FF) 1.5 = 42'

*Pump, crush and fill existing septic tank and location

- * Pump, crush and fill existing septic tank and leaching pits.
- * Install new 1000 gal. two-compartment Infiltrator IM-1060 plastic septic tank with outlet filter and risers to grade.
- * Connect new tank to existing house sewer using 4" SCH 40 PVC pipe.
- * Connect tank to new leaching trenches using 4" SDR-35 pipe.
- * Install one - 45 LF row of Mantis 536-8 standard 18" units 45 LF x 11.0 SF/LF ELA rating = 495 SQ FT ELA.

- * MLSS provided: 45'
- * Existing topsoil to be down slope, 5 feet
- * Trench bottoms will
- * Units to be installed

Drawn by Jeff Polhemus - Skips Wastewater Services 7/3/20; rev. 7/7/20
Scale: approx. 1" = 20'

72.362 41.724 Degrees

700



DRIVE

ANDOVER LAKE