



Town of Darien

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Health Department

SOME IMPORTANT CONSIDERATIONS FOR HOME ADDITIONS, RE-BUILDS, DETACHED BUILDINGS AND POOLS On Property Served by Septic Systems (Reference: Public Health Code Section 19-13-B100(a))

A. Adequacy of the Lot

An area to repair or replace the septic system must be shown to exist on the property before additions, out-buildings, pools, etc. can be approved. When adding a bedroom or changing the use of a building where wastewater flows are being increased, plans showing a new, code complying septic system must be submitted for review. Generally soil testing is needed to determine system repair or expansion possibilities which means a “Request for Soil Test Observation” form and fee of \$125.00 must be submitted. Please note that this testing is done using an excavator and the owner/builder must coordinate this testing with representatives of this office. If difficult site conditions exist, or the site is an area of special concern, the preparation of this plan will be referred to a professional engineer. *If conditions on the lot do not support a code complying system, approval for the addition cannot be granted.*

B. Adequacy of septic system

The system must be large enough to support its intended use. Information pertaining to septic system size, type and condition must be provided when changes or additions are proposed. Should an evaluation determine the system is functioning adequately, the submission of a plan showing a code complying septic system plan is all that is needed. However, *if the existing system is found to be in groundwater, Section 30R-2-6C of the Darien regulations pertaining to septic systems requires the replacement of such systems prior to the approval of any proposed addition or change of use.*

C. Detached Buildings with Plumbing

Each building must be served by its own septic system unless not technically feasible. Combining two buildings on the same lot into a single septic system is referred to as a “central system” and must be approved by the State Department of Public Health after initial review by the Darien Health Department.

D. Location

The septic system location must be determined to ensure that the system will not be damaged during construction. Also, the planned addition, outbuilding or proposed pool location must meet the required separating distance to the septic system and not be in an area that may need to be utilized as a septic repair area in the future (see chart below).

REQUIRED SEPARATING DISTANCES

- Building without footing drain to Septic Tank.....10 Feet
- Building without footing drain to Septic Fields.....15 Feet
- Building with footing drain to Septic & Well.....25 Feet
- Above ground pool to septic system10 Feet
- In-ground pool to Septic System & Well25 Feet
- Accessory Structures with frost wall and no footing drains.....10 Feet
- Accessory Structures no frost wall (Decks, Sheds etc.).....5 Feet

Please complete the application and submit one set of construction plans with a site plan for review.

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APPLICATION FOR ADDITION/RECONSTRUCTION/POOL, DETACHED BUILDING

Fee: \$150.00 for Building Plan Review (please submit one copy of building plans)

Property Owner: _____ Phone: _____

Address: _____ E-mail: _____

Contractor/Applicant _____ Phone: _____

Address: _____ Zip: _____ e-mail: _____

TYPE OF PROPOSAL (check where appropriate)

Building Conversion, Change in Use :(describe) _____

Building Addition (describe) _____

- a.) Will the proposal change the building "footprint"? yes no.
- b.) Existing structure - sq. ft. living space _____ Number of bedrooms in existing structure _____
- c.) Square feet living area after addition _____ Number of bedrooms after addition _____

Detached Structure: Barn; Garage; Gazebo; Pool House; Other (describe) _____
Plumbing YES NO If yes, wastewater disposal to: _____

Swimming pool In-ground Above ground Deck provided Yes No
Type of filter system: _____ Filter backwash & pool water discharge to: _____

Building Teardown, Replacement using existing foundation _____ new foundation _____

- a.) Existing Structure square footage _____; # bedrooms in existing house _____
- b.) Proposed structure square footage _____; # bedrooms in proposed home _____

Please check: Full foundation Frost Wall Slab Piers Other Footing Drains Yes No

Provide a site plan that shows the following separating distances:

Distance of proposed from septic tank _____ ft.; Leaching system _____ ft.; Well _____ ft.
Size of septic tank: _____ gallons Size of leaching system _____ sq.ft.
Year septic system was installed _____ Is septic as-built available _____
Any sewage backups, overflows or other problems noted with the existing septic system? Yes No
If yes, please describe _____.

Applicant signature: _____ **Date:** _____

I certify that I am the owner or the owner's contractual representative and that the information above is accurate to the best of my knowledge

(FOR OFFICE USE ONLY)

- Soil Testing Required: _____
- B100(a) review needed: _____
- Engineers Plan Required: _____

APPROVED BY _____ **Date:** _____

COMMENTS: