

SOMERS CONSERVATION COMMISSION
INLAND WETLANDS & WATERCOURSES PERMIT APPLICATION
SOMERS, CONNECTICUT

PROPERTY OWNER: Joseph and Lisa Frigo
ADDRESS: 14 Forge Street
Feeding Hills, MA 01030 TELEPHONE: _____

APPLICANT: Dan Roulier Associates
ADDRESS: P.O. Box 823
Somers, CT 06071 TELEPHONE: 860-763-3538

APPLICANTS INTEREST IN PROPERTY: Builder

SOIL SCIENTIST: Lew Ilgen
ADDRESS: _____
TELEPHONE: _____

PROPERTY LOCATION: lot 8 82 Hangdog Lane 12 37 08
STREET ADDRESS MAP BLOCK LOT

DESCRIPTION AND PURPOSE OF PROPOSED ACTIVITY. Include dimensions of all structures, area of wetland impact, and distance of activity from wetland/watercourse: Proposed is the construction of a single family house on a 0.94-acre lot. A portion of the home and grading is within 100-ft. buffer zone of a b.v.w. A minimum 40-ft undisturbed buffer zone will be observed from the closest grading activity. Standard erosion controls will protect wetland resource areas.

IF DIRECT ALTERATION OF WETLAND/WATERCOURSE IS PROPOSED, DESCRIBE ALTERNATIVE CONSIDERED. Include proposed mitigation measures to minimize or eliminate alteration to wetlands or watercourses: There will be no alteration of wetlands.

IS ANY PORTION OF THE PROPERTY LOCATED WITHIN 500 FEET OF A MUNICIPAL BOUNDARY? Circle one: YES NO

DOES THE PROPOSAL REQUIRE ANY OTHER TOWN COMMISSION(S) APPROVAL? No
IF YES, LIST COMMISSION(S): _____

I hereby certify that the above information and all work will be done according to approved plans. I further grant permission to the Conservation Commission and its agent(s) to talk and inspect the subject land and perform those tests necessary to properly review the application.

Rick Granger AGENT FOR OWNER 3-23-2020 \$ 240.00
Owner signature* Date Fee Submitted
RICK GRANGER AGENT FOR OWNER

Conservation Commission (signature upon decision) _____ Date/Decision _____

DATE PERMIT VALID: _____ RENEWED PERMIT DATES: _____

Date Received: _____

65 Days

Application No: _____

CONNECTICUT DEPARTMENT OF ENVIRONMENTAL PROTECTION

Statewide Inland Wetlands & Watercourses Activity Reporting Form

In accordance with the requirements of Section 22a-39-14 of the Regulations of Connecticut State Agencies, this form is to be completed for each action taken by an inland wetlands agency established pursuant to Section 22a-42 of the Connecticut General Statutes. Use a separate form to report each action taken by the agency. It is recommended that this form be made part of the application package. Inland wetlands agencies are responsible for verifying that the information provided below is accurate and that it reflects the final action of the agency.

TOWN IN WHICH THE ACTION IS OCCURRING: Somers

Does this project cross municipal boundaries? Yes No

If so, please list the other towns in which the action is occurring: _____

LOCATION: USGS Quad Map name: Hampden AND Number: 9

Attach a clean 8 1/2 " x 11" original scale photocopy of the USGS Quad Map with, *in red ink*, the boundary of the project site outlined (where possible) or the project site pinpointed with an arrow. *Do not* circle the "general vicinity" of the site. In the lower right-hand corner of each USGS Quad Map there is an identifying name, write the name from the corresponding map in the space provided above. Quad numbers are found on the Connecticut Town and Quadrangle Index Map (the directory to all USGS Quad Maps). Please provide the number in the space provided above. *Do not* attach a copy of the National Wetlands Inventory Map. *Do Not* attach a copy of the Connecticut Town and Quadrangle Index Map.

NAME OF APPLICANT, VIOLATOR OR PETITIONER: Dan Roulier Associates

Supply the name of the person applying for a permit, petitioner for a map amendment or jurisdictional ruling, or recipient of the enforcement action.

NAME FOR PROJECT SITE: Lot 6 82 Hangdog Lane

Supply the name given to the project, or the name by which the project site is generally known.

Briefly describe the project: Proposed is the construction of a single family home.

ACTIVITY TYPE CODE: 12, _____, _____, _____

Provide the code or codes which best characterize the activity being reported. A maximum of 4 codes may be entered. For example, locating a driveway in a buffer/upland review area would be code "9" and code "12" (code "7" is not used). The construction of a house in the buffer/upland review area would most likely be codes "2" for excavation, "9" for driveway construction, and "12" for buffer/upland review area. Construction of a parking lot in a buffer/upland review area may be codes "1", "7", "10", and "12".

- | | |
|--|---|
| 1 ... Filling | 7 ... Culverting (not for roadways) |
| 2 ... Excavation | 8 ... Underground Utilities (no other activities) |
| 3 ... Land Clearing / Grubbing (no other activity) | 9 ... Roadway / Driveway Construction |
| 4 ... Stream Channelization | 10 ... Drainage Improvements |
| 5 ... Stream Stabilization | 11 ... Pond Dredging / Dam Construction |
| 6 ... Stream Clearance (removal of debris only) | 12 ... Activity in Buffer / Upland Review Area |

ACTIVITY PURPOSE CODE: B

Enter only *one* code letter which best characterizes the activity. ALL STATE AGENCY PROJECTS MUST ONLY CODE "N".*

- | | |
|---|---|
| A ... Residential Improvement by Homeowner | I ... Storm Water / Flood Control |
| B ... New Residential Development for Single Family Units | J ... Erosion / Sedimentation Control |
| C ... New Residential Development for Multi-Family / Condos | K ... Recreation / Boating / Navigation |
| D ... Commercial / Industrial Uses | L ... Routine Maintenance |
| E ... Municipal Project | M ... Map Amendment |
| F ... Utility Company Project | *N ... State Agency Project |
| G ... Agriculture, Forestry or Conservation | P ... Other |
| H ... Wetland Restoration, Enhancement, Creation | |

AREA OF WETLANDS AND/OR WATERCOURSES ALTERED:

include areas that are altered or are proposed to be altered, temporary or permanent, for *all* agency permits, denials, amendments, and enforcement actions. Remember, these figures represent *only* the acreage altered, *not* the total acreage of wetlands or watercourses on the site. Figures should be provided by the applicant in the application. Provide all information in acreage including those areas less than one acre. To convert from square feet to acres, divide square feet by the number 43,560. Enter a zero if there is no alteration. Open water body altered refers to lakes, ponds or similar bodies of water that are filled or dredged. Stream alterations are to be reported in linear feet and include the total length of the river, brook, stream or other watercourse directly altered as a result of the action taken by the agency. Include any culverting (roadway, etc.), channel improvements, rip rap installation, relocation or dredging.

- A. Wetland Area Altered: 0 ACRES
- B. Open Water Body Area Altered: 0 ACRES
- C. Stream Alteration: 0 LINEAR FEET

BUFFER / UPLAND REVIEW AREA ALTERED: 0.073 ACRES

Buffer or upland review areas are those areas adjacent to wetlands or watercourses where activities are regulated by the local agency. Report the acreage of upland review areas that are altered or are proposed to be altered, temporary or permanent, for *all* agency permits, denials, amendments, and enforcement actions; or for agent approval pursuant to 22a-42a(c)(2). For example, a 2 acre project site may have an activity occurring in 1 acre of buffer / upland review area and 0.25 acres of wetlands. Therefore, 0.25 acres will be reported on line 7A and 1 acre on line 8.

AREA OF WETLANDS AND/OR WATERCOURSES RESTORED, ENHANCED OR CREATED : 0 ACRES

Mitigation measures may be considered as a condition of issuing a permit for an activity. Report areas that are, or are proposed to be, restored, enhanced or created for *all* agency permits, denials, amendments, and enforcement actions. Restored or enhanced applies to previously existing wetlands or watercourses. For example, a wetland area filled two years ago is proposed to be restored by removing the existing fill. Created applies to an *upland* area which is converted into wetlands or watercourses.

FOR MUNICIPAL AGENCY USE ONLY

THE INLAND WETLANDS AGENCY MUST ENSURE THAT THE INFORMATION PROVIDED BELOW IS ACCURATE AND THAT IT REFLECTS THE FINAL ACTION OF THE AGENCY. COMPLETED FORMS FOR ACTIONS TAKEN DURING A CALENDAR MONTH SHALL BE MAILED BY THE AGENCY TO THE DEP NO LATER THAN THE 15TH DAY OF THE FOLLOWING MONTH. MAIL REPORTING FORMS TO:

*Inland Water Resources Division, DEP,
79 Elm Street, Hartford, CT. 06106*

QUESTIONS MAY BE DIRECTED TO THE WETLANDS MANAGEMENT SECTION AT (860) 424-3019.

NAME / TITLE OF PERSON COMPLETING THIS FORM: _____
(PRINT)

SIGNATURE: _____

DATE ACTION WAS TAKEN: MONTH _____ YEAR _____

WAS A PUBLIC HEARING HELD? Yes _____ No _____

ACTION TAKEN: ENTER LETTER _____

- A. PERMIT GRANTED BY AGENCY
- B. PERMIT DENIED BY AGENCY
- C. PERMIT EXTENDED/AMENDED BY AGENCY
- D. AGENT APPROVAL PURSUANT TO 22a-42a(c)(2)
- E. APPEAL OF AGENT APPROVAL PURSUANT TO 22a-42a(c)(2)
- F. MAP AMENDMENT (AMENDMENT TO THE OFFICIAL TOWN WETLANDS MAP, NOT A PROJECT SITE MAP)

FOR STATE USE ONLY

DATE RECEIVED: _____

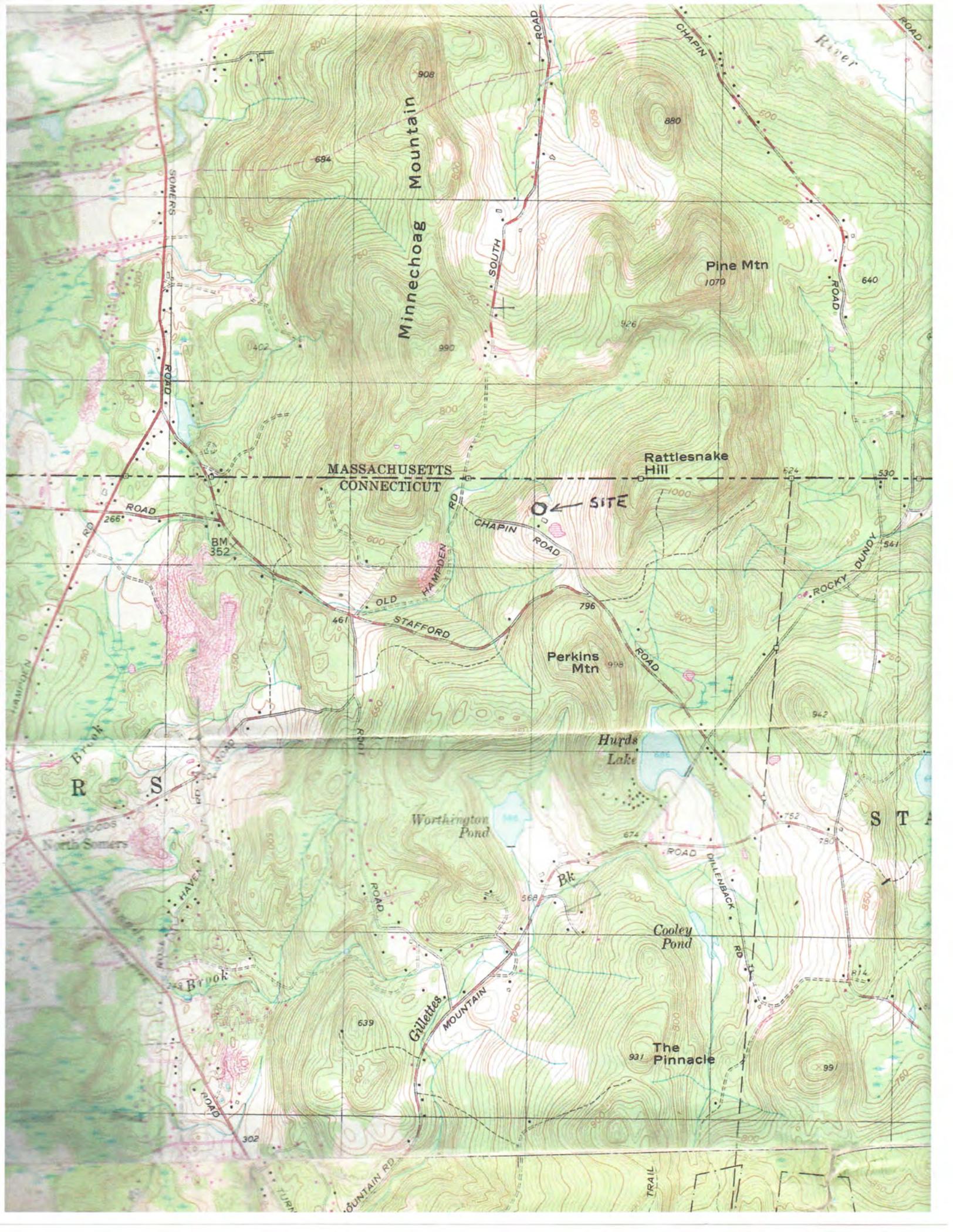
GIS CODE #: _____

FILE # (SAME AS QUAD #): _____

FORM COMPLETED: YES _____ NO _____

IF "NO", DATE MAILED TO TOWN: _____

DATE RETURNED TO DEP: _____



Minnechoog Mountain

Pine Mtn
1070

MASSACHUSETTS
CONNECTICUT

Rattlesnake Hill

Perkins Mtn
998

Hurds Lake

Worthington Pond

Cooley Pond

The Pinnacle
937

← SITE

Gillettes Mountain

R
S

S
T
A

OWNER: Dan Roulier Associates
P.O. Box 823
Somers, CT 06071

SYSTEM LOCATION: Lot #8 Hangdog Lane
Somers, CT 06071

BASIS OF DESIGN: Number of Bedrooms: 3
Garbage Grinder: No

MAP REFERENCE: SUBDIVISION PLAN, Cooksville @ Indian Rock, Property Owner: Priscilla A. Dotty & June Alice Curtis, Developer: Dan Roulier & Associates, 11 South Road, Somers, Connecticut, Surveyor: J.R. Russo & Associates, Land Surveyors & Professional Engineers, Scale: 1" = 100', Date: 4-15-96 Revised: 8-12-96

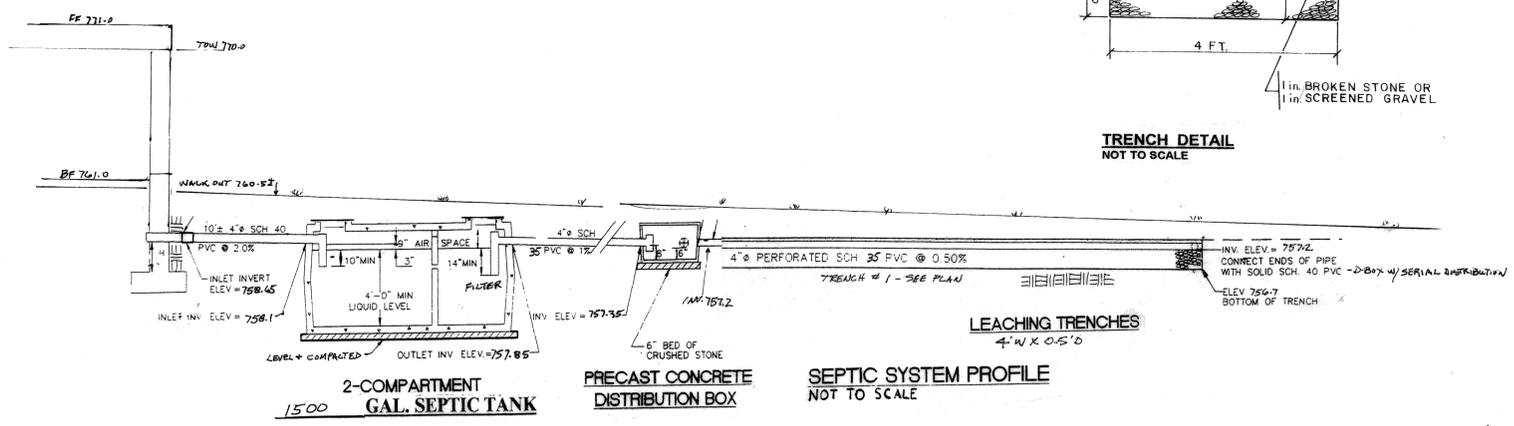
SOIL TESTS: Performed By: Michael Mocko, R.S. (7-12 & 13, 1995) & (4-8-1996)
Observed By: Steve Jacobs, R.S. - Town of Somers Health Agent

PERC DESIGN RATE: 3 min/in

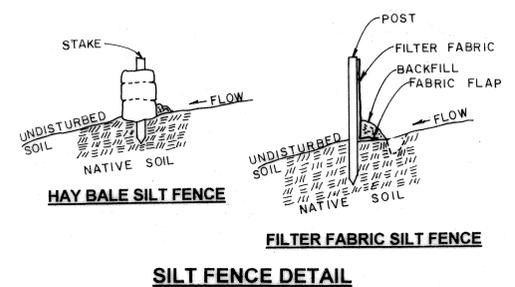
TEST PIT #10
0 - 7" Ap FSL
7" - 30" Bw FSL
30" - 43" C₁ LFS
43" - 100" Cd FSL Firm-Dense Till
Mottles @ 42" E.H.W. @ 42"

CODE REQUIREMENTS:
Septic Tank: 1250 gal. Required. Provide 1500 gal. two compartment septic tank with outlet filter
Leaching Area: 495 sq. ft. Required.
Provided Leaching Area: 660 sq. ft. Provided
Provide 3 Trenches - 220 Lin. Ft. x 3 = 660 sq. ft. - See Plan.

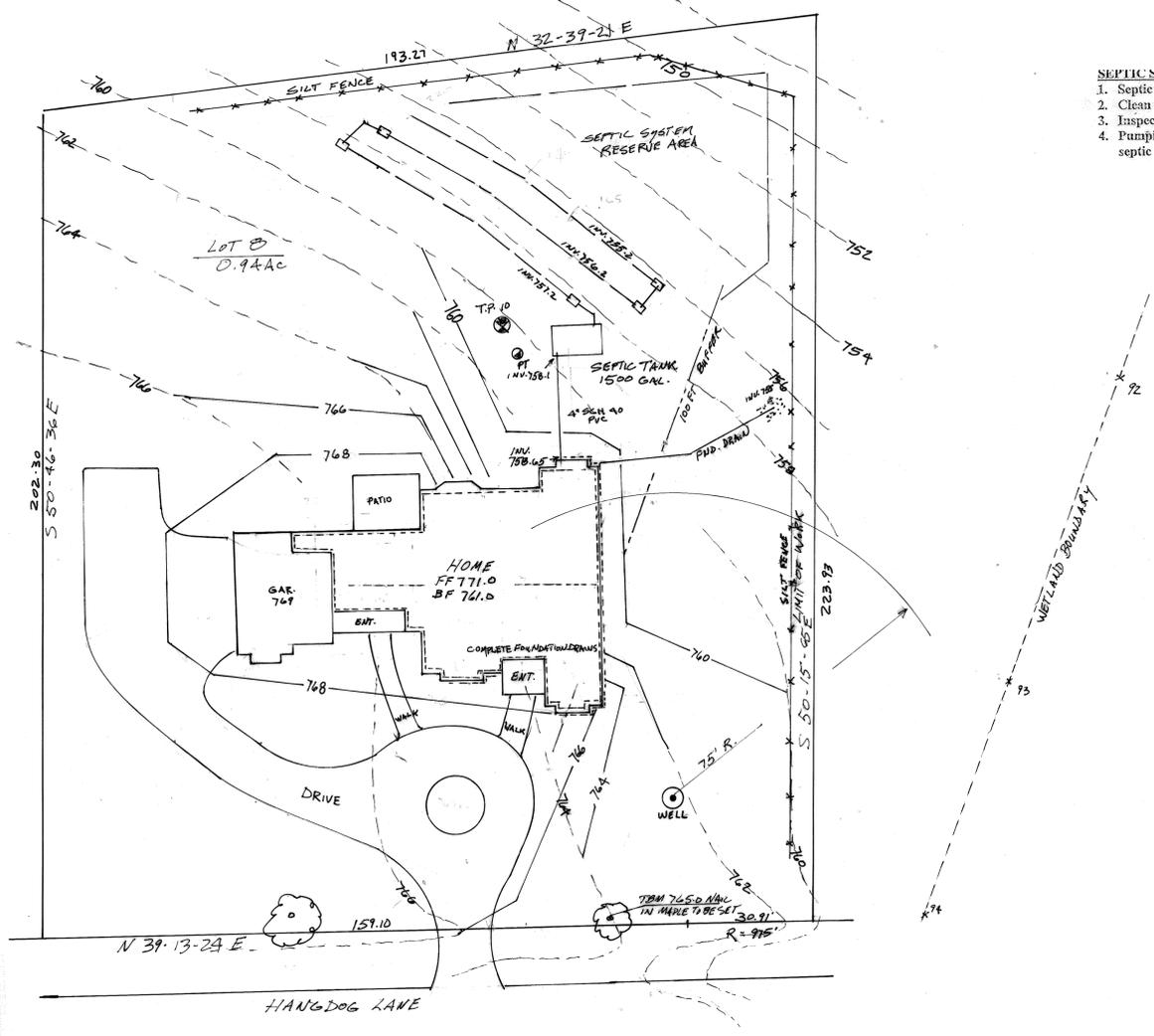
- SEPTIC SYSTEM MAINTENANCE RECOMMENDATIONS**
- Septic system should be pumped at least every four years.
 - Clean outlet filter at time of pumping.
 - Inspect vents and observation ports at time of cleaning.
 - Pumping schedule may be modified based on actual solids accumulation and septic service technician's recommendation.



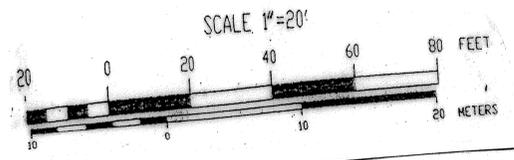
- PROCEDURE FOR EROSION AND SEDIMENT CONTROL**
- WORK LIMIT AND SILT FENCE LOCATION:** Before any alteration or other work, flag or stake limit of work and proposed sediment barrier locations as shown on the plan. Sediment barrier and/or flagged work limit line shall serve as a limit of work for the project. No grading, construction, equipment traffic, stockpiles, or other alteration is allowed on the wetland side of the silt fence.
 - SILT FENCE INSTALLATION:** Before any other site work, install fence (with skirt trenched in or buried to prevent wash under) in locations shown on the plan. Where installation is not practical without clearing, trees and brush may be removed first, provided the soil is not stripped of organic cover. Cut trees and brush may be kept outside the work limit. Mechanized equipment may be used to cut the trench for the silt fence, provided there is no other removal of ground cover until silt fence is in place.
 - CONSTRUCTION:** Proceed with work as required by plans, construction notes, and Conservation Commission requirements. No fill or temporary stockpiles shall be placed directly against the sediment barriers. Sediment barriers shall be inspected daily during grading and after all rainstorms by the responsible individual on site, and shall be kept in functioning condition until permanent vegetation is established. Sediment shall be removed from silt fence if depth reaches 6 inches.
 - TEMPORARY COVER:** In the event that the site is expected to be inactive for a period of 30 days, disturbed buffer zone areas sloping toward the wetlands shall be mulched or seeded for temporary cover in accordance with applicable USDA, NRCS guidelines.
 - PERMANENT COVER:** As soon as feasible, after finish grading and topsoil/loam placement, the finished portions of the site shall be seeded or planted to permanent vegetative cover (season permitting) in accordance with applicable USDA, NRCS guidelines, including loam, lime, fertilizer, and mulch. Sediment barriers shall be removed only after permanent cover is established sufficiently to protect the soil from erosion.



SILT FENCE DETAIL



NOTIFY CONNECTICUT CALL BEFORE YOU DIG
PRIOR TO ANY EXCAVATION
1-800-(922-4455)



PERMANENT SEEDING
Dates: April 15 - June 15 or Aug. 15 - Sept. 15

| No. | Seed Mixture | Lbs./Acre | Lbs./1000 sq. Ft. | Lawn Areas |
|-----|---|------------|-------------------|---|
| 1. | Kentucky Bluegrass | .20 | .45 | Regular mowing required |
| | Creeping Red Fescue | .20 | .45 | |
| | Perennial ryegrass | .10 | .10 | |
| | Total | .45 | 1.00 | |
| 2. | Creeping Red Fescue | .20 | .45 | Naturalized area Offers Wildlife food and cover |
| | Redtop | .2 | .05 | |
| | Tall Fescue or Smooth bromegrass | .20 | .45 | |
| | Total | .42 | .95 | |
| 3. | Creeping Red Fescue | .20 | .45 | Mowing recommended Once a year after July |
| | Bird's-foot trefoil with inoculant | .8 | .20 | |
| | Tall Fescue or Smooth bromegrass | .20 | .45 | |
| | Total | .48 | 1.10 | |
| 4. | Bird's-foot trefoil with inoculant | .8 | .20 | Naturalized area -steep banks |
| | Crownvetch with inoculant | .15 | .35 | |
| | Creeping Red Fescue, Tall Fescue or Smooth bromegrass | .20 | .45 | |
| | Total | .43 | 1.00 | No Mowing Required |

FERTILIZER: 10-10-10 300 lbs/acre or 7.5lbs/1000 sq. ft.
LIME: Lime 3 tons/acre or 135 lb/1000 sq. ft.

TEMPORARY SEEDING RATES AND DATES

| SPECIES | SEEDING RATES(pounds) per acre | OPTIMUM SEEDING: DATE | DEPTH |
|-----------------|--------------------------------|-----------------------|-------|
| Annual ryegrass | 40 | 3/1-6/15 | 0.5 |
| Winter rye | 120 | 4/15-6/15 | 1.0 |
| | 30 | 8/15-10/15 | |
| Buckwheat | 15 | 4/1-9/15 | 1.0 |
| | 0.4 | | |

SITE PLAN AND SEPTIC SYSTEM DESIGN
FRIGO RESIDENCE
LOT #8 HANGDOG LANE
COOKVILLE
SOMERS, CT
PREPARED FOR:
DAN ROULIER ASSOCIATES
P.O. BOX 823, SOMERS, CT 06071
PREPARED BY:
MICHAEL MOCKO ENVIRONMENTAL CONSULTANT
36 HAMPDEN ROAD, STAFFORD SPRINGS, CT 06076
TELEPHONE: (860) 684-7205
ENGINEER: JOSEPH E. WARD, P.E.
1200 CONVERSE STREET, LONGMEADOW, MA 01106
TELEPHONE: (413) 567-6560
SCALE: 1" = 20' **DATE:** JANUARY 12, 2020

