

INLAND WETLANDS  
COMMISSION  
Telephone (203) 563-0180  
Fax (203) 563-0284



TOWN HALL  
238 Danbury Road  
Wilton, Connecticut 06897

## APPLICATION FOR A SIGNIFICANT REGULATED ACTIVITY

**For Office Use Only:**

WET# _____	
Filing Fee \$ _____	Wilton Land Record Map# _____
Date of Submission _____	Volume # _____ Page # _____
Date of Acceptance _____	Assessor's Map # _____ Lot# _____

### APPLICANT INFORMATION:

Applicant Caroline & Seth Rosenberg  
Address 29 Crofoot Road  
Wilton, CT 06897  
Telephone 203-731-7801  
Email linarosenb@gmail.com

Agent (if applicable) Kate Throckmorton-ELS  
Address 8 Knight Street, Ste 203  
Norwalk, CT 06851  
Telephone 203-855-7879  
Email kate@elsllc.net

### PROJECT INFORMATION:

Property Address 29 Crofoot Road  
Acres of altered Wetlands On-Site 0.43 +/- acres  
Linear Feet of Watercourse 30' +/-  
Linear Feet of Open Water 0  
Sq. Ft. of proposed and/or altered impervious  
coverage NET REDUCTION  
OF 174± SF

Site Acreage 1.05  
Cu. Yds. of Material Excavated 88± YDS  
Cu. Yds. of Material to be Deposited 230± YDS  
Acres of altered upland buffer 0.125 +/- acres  
Sq. Ft. of disturbed land in regulated area 5470 +/- sf

### APPLICATION REQUIREMENTS:

Is The Site Within a Public Water Supply  
Watershed Boundary? NO ☐ YES\* ☒

Is The Site Within 500 Feet of a Town Boundary?  
NO ☒ YES\* ☐

\* If the answer is yes, then the applicant is responsible for notifying the appropriate water authority and/or adjoining community's Wetlands Department. Instructions for notification are available at the office of the commission.

Project Description and Purpose: Building addition with a B100a septic system in an upland review area

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In addition, the applicant shall provide eleven (11) collated copies of the following information as well as an electronic submission via email to [mike.conklin@wiltonct.org](mailto:mike.conklin@wiltonct.org) & [elizabeth.larkin@wiltonct.org](mailto:elizabeth.larkin@wiltonct.org) \*\*

- ☒ A. Written consent from the owner authorizing the agent to act on his/her behalf
- ☒ B. A Location Map at a scale of 1" = 800'
- ☒ C. ***A Site Plan showing existing and proposed features at a scale not to exceed 1" = 40'*** accurate to the level of a A-2 property and T-2 topographic surveys
- ☒ D. Sketch Plans depicting the alternatives considered
- ☒ E. Engineering Reports and Analysis and additional drawing to fully describe the proposed project
- ☒ F. Sedimentation and Erosion Control Plan, including the Construction Sequence
- ☒ G. Names and addresses of adjoining property owners
- ☒ H. A narrative describing, in detail
  - a. the proposed activity
  - b. the alternatives considered
  - c. impacts
  - d. proposed mitigation measures
- ☒ I. Soils Report prepared by a Certified Soil Scientist and Wetlands Map prepared by a Registered Land Surveyor
- ☒ J. A Biological Evaluation prepared by a biologist or other qualified professional
- ☒ K. Description of the chemical and physical characteristics of fill material to be used in the Regulated Area
- ☒ L. Description and maps detailing the watershed of the Regulated Area
- ☒ M. Envelopes addressed to adjacent neighbors, the applicant, and/or agent, with certified postage and no return address

**\*\*Application materials shall be collated and copies of documents more than two pages in length shall be double sided.**

See Section 7 of the Wetlands and Watercourses Regulations of the Town of Wilton for a more detailed description of applications requirements.

The Applicant or his/her agent certifies that he is familiar with the information provided in this application and is aware of the penalties for obtaining a permit through deception, inaccurate or misleading information.

By signing this application, permission is hereby given to necessary and proper inspections of the subject property by the Commissioners and designated agents of the Commission or consultants to the Commission, at reasonable times, both before and after a final decision has been rendered.

Applicant's Signature: Carvin King Date: 7/13/21

Agent's Signature (if applicable): \_\_\_\_\_ Date: \_\_\_\_\_

# **Environmental Land Solutions, LLC**

*Landscape Architecture & Environmental Planning*

8 Knight Street, Suite 203, Norwalk, CT 06851

Tel: (203) 855-7879 Fax: (203) 855-7836

July 12, 2021

Inlands Wetlands and Watercourses Commission  
Town of Wilton  
238 Danbury Road  
Wilton, CT 06897

Re: Significant Regulated Activity Narrative  
29 Crofoot Road, Wilton, CT

Dear Commission Members:

Environmental Land Solutions, LLC (ELS) has been retained by the Rosenberg's, property owners of the above referenced site, to provide an environmental assessment for the proposed building addition at their existing residence. Due to the amount of earthwork required for the proposed B100a septic system, a significant permit application is required. This report summarizes the existing conditions of the wetland resources on the site and the effects of the property developed may have on these resources. A site inspection was conducted by ELS on December 12, 2002, and June 1, 2021.

## **EXISTING CONDITIONS**

The 1 ± acre property is located on the southeast corner of Crofoot Road and Deforest Lane. The site contains a centrally located single-family residence and two outbuildings, with a small lawn immediately around the house. The remaining area of the site is wooded. The site's topography is gently sloping from north to south with a 4' ± topographic change over 280' ±. The site has two wetland areas, one to the north of the house and one to the south of the house.

The wooded area is a naturalized, second growth deciduous forest. The tree canopy in the upland wooded area is composed of Red Maple, Ash, White Oaks, American Elm, and Black Birch. Average tree sizes ranges from 12-24" diameter breast height (DBH), but include several larger trees (36-48"DBH). The understory is dominated by Euonymus, but includes Multiflora Rose, Asiatic Bittersweet, Winterberry, and Japanese Barberry. Groundcover includes leaf litter, Pachysandra, Garlic Mustard, Poison Ivy and Christmas Fern.

## **Regulated Wetlands and Watercourses**

The property is located within in the Silvermine River watershed. The watershed above the property is approximately 0.5 ± acres in size and is occupied by residential development. Steven Danzer, Certified Professional Soil Scientist, identified the wetland boundary on the

property in November of 2000. A watercourse was identified on the southern portion of the site that outflows from the wetland. Refer to his report for additional information.

Primary tree cover in the wetlands was identified as Red Maples, Ash, American Elm and White Oak. The understory is primarily nonnative shrubs of Euonymus and Japanese Barberry, but include Winterberry, Clethra and Spicebush. Identified groundcover within the wetland and along the watercourse include Garlic Mustard, Asiatic Bittersweet, Sensitive Fern, Cinnamon Fern and leaf litter.

### Wetlands Functions

Based upon professional experience and the publication entitled "The Highway Methodology Workbook Supplement, Wetland Functions and Values, *A Descriptive Approach*," prepared by the US Army Corps of Engineers, NEDEP-360-1-30a, September 1999, the primary wetland functions are expected groundwater discharge, sediment trapping and nutrient transformation.

### **PROPOSED CONDITIONS:**

The owners are proposing to build an addition onto the house and reconfiguration the existing driveway. All improvements are proposed within areas of existing developed lawn or driveway areas. A B100a code complying septic system is required for this application, but it is not expected to be constructed at this time. There are no activities proposed within the wetland. A summary of the activities follows.

#### Proposed activities within the upland review area include:

1. A  $141 \pm$  sf building addition  $24' \pm$  from the wetland. The existing house is  $15.5' \pm$  at its closest point from the wetland. The addition will be almost completely within the existing paved driveway, and be constructed as a slab on grade, with an expected  $15 \pm$  cy of excavation for the footings. Nostock piling of soil is needed or proposed for the addition. Excavated soils not immediately used for backfill will be moved off the site.
2. A portion of the existing driveway will be reconfigured with a portion being replaced with pervious pavers. This will create a net decrease of  $123 \pm$  sf of imperious drive surfaces.
3. The roof drains will be maintained in the same location, and discharge at grade adjacent to the house.
4. The existing trench drain and piping within the driveway will be removed.
5. Code complying septic system (B100a) designed by Peak Engineers, LLC is required for this addition and will involve the import of  $230 \pm$  cy of clean septic sand, gravel and topsoil material to complete the installation. However, there are no immediate plans or need to install this system at this time.



6. Removal of the existing shed (127sf), south of the house and within the wetlands. The area will be replanted with native shrubs.

With the removal of shed and the addition of pervious pavers in the driveway there will be a net reduction ( $250 \pm$  sf) of impervious surfaces on the site.

7. Sedimentation and erosion to controls, notes and construction sequence are provided on the plans for all earthwork activities.
8. An “after the fact” permit for the Trex decking installed over an existing patio at the back of the house.

ELS's plan includes new native planting in disturbed areas. The plan increases the plant varieties and density in the wetland buffer, provides for replacement for tree removed for the B100a, and a new lawn boulder demarcation. When the work is completed and conforms to the proposed site and migration plans, a vegetative buffer will be maintained between the new lawn and the wetland.

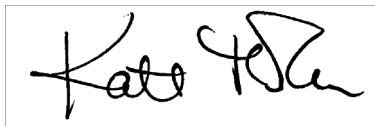
## **ALTERNATIVES:**

The existing undersized lot, with wetlands covering approximately half of the site, provides limited options for alternatives for this site. One earlier version of the addition prepared by the architect is attached. This plan (A-103) prepared by Kathleen Poirier Architects, LLC shows a slightly larger addition. After closer review and discussion with the owner the addition was reduced to create the proposed site plan with a net reduction of impervious.

## **SUMMARY:**

The application requests a wetland permit to construct a small addition with associated improvements to the house over existing developed areas. The application includes a B100a septic, as required by the septic code, with no immediate plans for installation. The plan includes, a removal of past wetland intrusions, provides a net decrease of impervious surfaces and provides a planting plan to enhance and maintain the wetland buffer. When the site work is completed as shown on the provided site plans, with the provided mitigation measures the wetland functions are expected to be protected and maintained.

Sincerely,



Kate Throckmorton, ASLA  
Registered Landscape Architect, RLA  
Certification in Erosion and Sedimentation Control  
NOFA Certified Professional



STEVEN DANZER, PHD & ASSOCIATES LLC

*Wetlands & Environmental Consulting*

WWW.CTWETLANDSCONSULTING.COM

203 451-8319

WETLAND BOUNDARIES • POND & LAKE MANAGEMENT • CONSTRUCTION FEASIBILITY CONSULTATIONS • ENVIRONMENTAL STUDIES

## Soil Report

Date: November 18, 2020

By: Steven Danzer Ph.D.

- Soil Scientist, Senior Professional Wetland Scientist, Arborist
  - Nationally certified by the Soil Science Society of America (#353463).
  - Registered with the Society of Soil Scientists of Southern New England.
  - Certified PWS #1321 by the Society of Wetland Scientists
  - Certified Arborist by the International Society of Arboriculture (ISA) NE-7409A
  - CT Licensed Arborist DEEP S-5639
- Ph.D. in Renewable Natural Resource Studies.

Project: 29 Crofoot Road, Wilton, CT.

## INTRODUCTION

A wetlands investigation was performed at the above-referenced property to locate and identify any inland wetland soils or watercourses.

The purpose of this report is to document that the field work for the site investigation was conducted using professionally accepted methods and procedures. This report is intended for submission by the owner(s) of the property or their designated agent to the local municipal regulatory agency.

## DEFINITIONS

The Connecticut General Statutes Ch. 440 Sections 22a-36 and 22a-45 (as amended) define **inland wetlands** as land, including submerged land (except for tidal wetlands) which consist of any of the soil types designated by the National Cooperative Soil Survey as *poorly drained*, *very poorly drained*, *floodplain*, or *alluvial*.

**Poorly drained** and **very poorly drained** are soil drainage classes that are defined by specific technical criteria in the Soil Survey Manual, Ch. 3 of the USDA Natural Resources Conservation Service. Generally speaking, *poorly drained soils* are wet at shallow depths periodically during the growing season, or remain wet for long periods, while in *very poorly drained soils* water is removed from the soil so slowly that free water remains at or very near the ground surface during much of the growing season.

**Floodplain** refers to the land bordering a stream or river that is subject to flood stage inundation, and **alluvial** refers to soil deposited by concentrated running water (Soil Survey Manual, Part 629).

**Watercourses** are defined by the Connecticut General Statutes Ch. 440 Sections 22a-36 and 22a-45 (as amended) to include rivers, streams, brooks, waterways, lakes, ponds, marshes, swamps, bogs and all other bodies of water, natural or artificial, vernal or intermittent, public or private. **Intermittent watercourses** are a type of watercourse that typically do not flow year-round, and are specifically defined within the CT statutes by the presence of a defined permanent channel and bank, and the occurrence of two or more of the following characteristics:

- a) Evidence of scour, or deposits of recent alluvium or detritus;
- b) The presence of standing or flowing water for a duration longer than a particular storm incident;
- c) The presence of hydrophytic vegetation.

**Uplands** are land areas that are not inland wetlands, watercourses, or subject to tides.

The **soil series** is a soil label that refers to the lowest category of the National Soil Classification System. It is used as a specification for identifying and classifying soils within a soil map unit. The descriptions are standardized by the USDA-NRCS, and contain soil properties that define and distinguish them from the other soil series.

## METHODS

All soils were sampled to a depth of at least 20 inches with spade and augur unless noted otherwise during a field investigation conducted on November 17, 2020. Soils were classified according to the nomenclature presented within the NRCS Web Soil Survey, with additional reference to the National Cooperative Soil Survey, and the local Soil Survey.

The wetland boundaries were marked on site with flagging tape and/or stakes (Wetland Flags 1-13, 14-23) and a sketch map prepared (attached).

## **SITE DESCRIPTION AND DISCUSSION**

The roughly 1.05 acre site is located on the northwest corner of Crofoot Road and Forest Lane, Wilton, CT. Land-use is residential. The site is located within the DEEP Basin 7302-07 within the East Silvermine River Subregional Basin.

Wetland resources on site include a two forested wetlands located on landscape depressions. The first wetland area was located in the southern region of the property while the second area was located in the northeastern region of the property. The residence and yard is located in between these areas.

## **DATA AND RESULTS**

### **WETLAND AND WATERCOURSE SOIL MAPPING UNITS**

#### **(3) Ridgebury, Leicester, and Whitman soils extremely stony**

*The Ridgebury series* consists of very deep, somewhat poorly and poorly drained soils formed in till derived mainly from granite, gneiss and schist. They are commonly shallow to a densic contact. They are nearly level to gently sloping soils in low areas in uplands. Slope ranges from 0 to 15 percent. Saturated hydraulic conductivity ranges from moderately low to high in the solum and very low to moderately low in the substratum. Mean annual temperature is about 49 degrees F. and the mean annual precipitation is about 45 inches.

TAXONOMIC CLASS: Loamy, mixed, active, acid, mesic, shallow Aeric Endoaquepts

*The Leicester series* consists of very deep, poorly drained loamy soils formed in friable till. They are nearly level or gently sloping soils in drainageways and low-lying positions on hills. Slope ranges from 0 to 8 percent. Permeability is moderate or moderately rapid in the surface layer and subsoil and moderate to rapid in the substratum. Mean annual temperature is about 50 degrees F., and mean annual precipitation is about 47 inches.

TAXONOMIC CLASS: Coarse-loamy, mixed, active, acid, mesic Aeric Endoaquepts

*The Whitman series* consists of very deep, very poorly drained soils formed in lodgement till derived mainly from granite, gneiss, and schist. They are shallow to a densic contact. These soils are nearly level or gently sloping soils in depressions and drainageways on uplands. Saturated hydraulic conductivity is moderately high or high in the solum and very low through moderately high in the substratum. Mean



annual precipitation is about 45 inches (1143 millimeters) and mean annual temperature is about 49 degrees F. (9 degrees C.).

TAXONOMIC CLASS: Loamy, mixed, superactive, acid, mesic, shallow Typic Humaquepts

## UPLAND (NON WETLAND) SOIL MAPPING UNITS

### (61B) Canton and Charlton soils, 3 to 8 percent slopes, very stony

*The Canton series* consists of very deep, well drained soils formed in a loamy mantle underlain by sandy till derived from parent materials that are very low in iron sulfides. They are on nearly level through very steep glaciated plains, hills, and ridges. Slope ranges from 0 through 35 percent. Saturated hydraulic conductivity is high in the solum and high or very high in the substratum. The mean annual temperature is about 46 degrees F. (10 degrees C.) and the annual precipitation is about 44 inches (1194 millimeters).

TAXONOMIC CLASS: Coarse-loamy over sandy or sandy-skeletal, mixed, semiactive, mesic Typic Dystrudepts

*The Charlton series* consists of very deep, well drained loamy soils formed in till derived from parent materials that are very low in iron sulfides. They are nearly level to very steep soils on till plains and hills. Slope ranges from 0 to 50 percent. Saturated hydraulic conductivity is moderately high or high. Mean annual temperature is about 10 degrees C and mean annual precipitation is about 1194 mm.

TAXONOMIC CLASS: Coarse-loamy, mixed, active, mesic Typic Dystrudepts

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### LIMITATIONS

All observations and conclusions within this report are opinion and were based upon the field conditions at time of investigation and best professional judgment. Field conditions may change over time. All wetland boundary lines established by the undersigned Soil Scientist are subject to change until officially adopted by the appropriate local, state and federal regulatory agencies.

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## CERTIFICATION

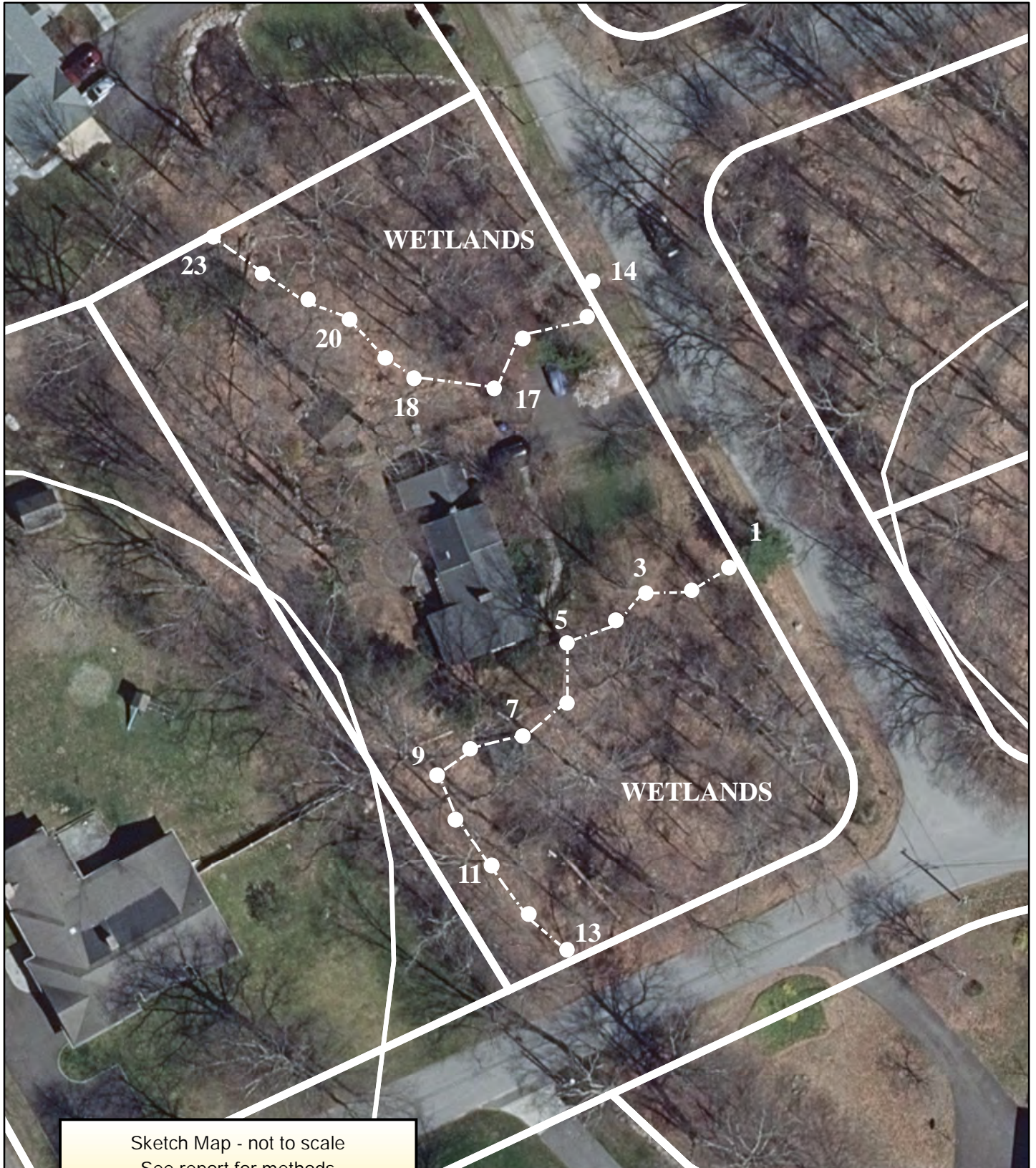
Signed,

Steven Danzer Ph.D., Certified Professional Soil Scientist (CPSS #353463)



Steven Danzer PhD and Associates LLC  
www.CTWetlandsConsulting.com  
203-451-8319

# 29 Crofoot Road, Wilton, CT



Sketch Map - not to scale

See report for methods

Steven Danzer Ph.D., Soil Scientist  
Steven Danzer Ph.D. & Associates LLC

203-451-8319

[www.CTWetlandsConsulting.com](http://www.CTWetlandsConsulting.com)

0 25 50 100 Feet

1 inch = 50 feet

North

A-103

Rosenburg Residence  
29 Crofoot Wilton CT

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Drawing:  
site plan

scale	1" = 20'
date issued	2/9/2021

**Kathleen Poirier Architects, LLC**  
40 Twin Oak Lane  
Wilton, CT 06897  
phone: 203-210-5199  
kpoirier@kparchitects.com  
www.kparchitects.com



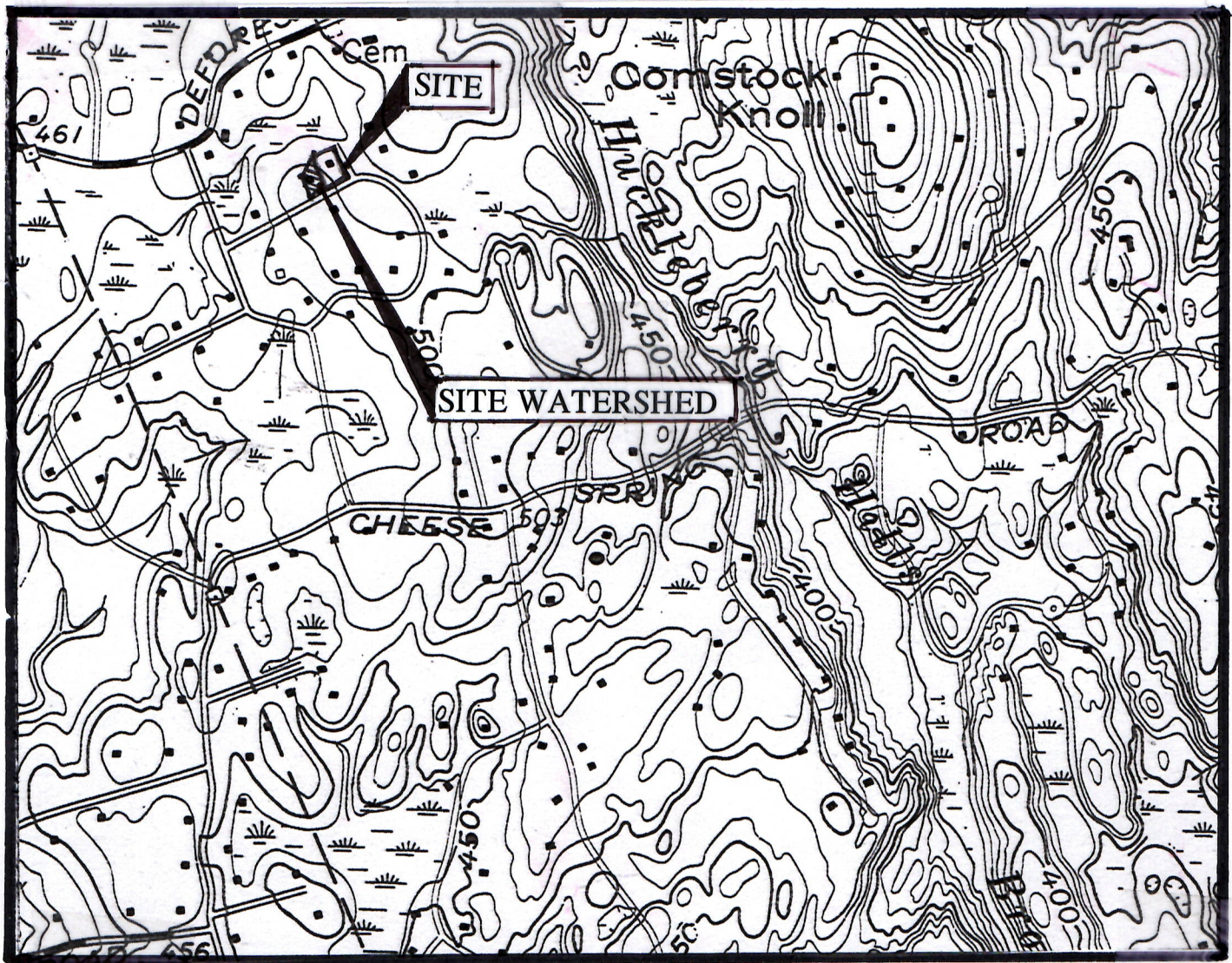
Properties located adjacent to 29 Crofoot Road, Wilton, CT (Map 129, Lot #22)  
Provided for a permit application for the Inland Wetlands Commission  
(July 2021)

<u>Map#/Lot #</u>	<u>Property Owner</u>
129/21	Bryan & Anna MacDonald 24 Forest Lane Wilton, CT 06897
129/23	Farouk Abi-Karam 21 Crofoot Lane Wilton, CT 06897
117/9	John & Terry Ragazzini 6 Abbot Lane Wilton, CT 06897
117/14	Noel Kondub 8 Crofoot Road Wilton, CT 06897
117/ 15	Carol Newman 40 Forest Lane Wilton, CT 06897
129/16	Joseph Farenga 41 Forest Lane Wilton, CT 06897
129/17	Joseph & Courtney Pozzi 25 Forest Lane Wilton, CT 06897

**Environmental Land Solutions, LLC**

*Landscape Architecture & Environmental Planning*  
8 Knight St., Suite 203, Norwalk, CT 06851  
Tel: (203) 855-7879 Fax: (203) 855-7836



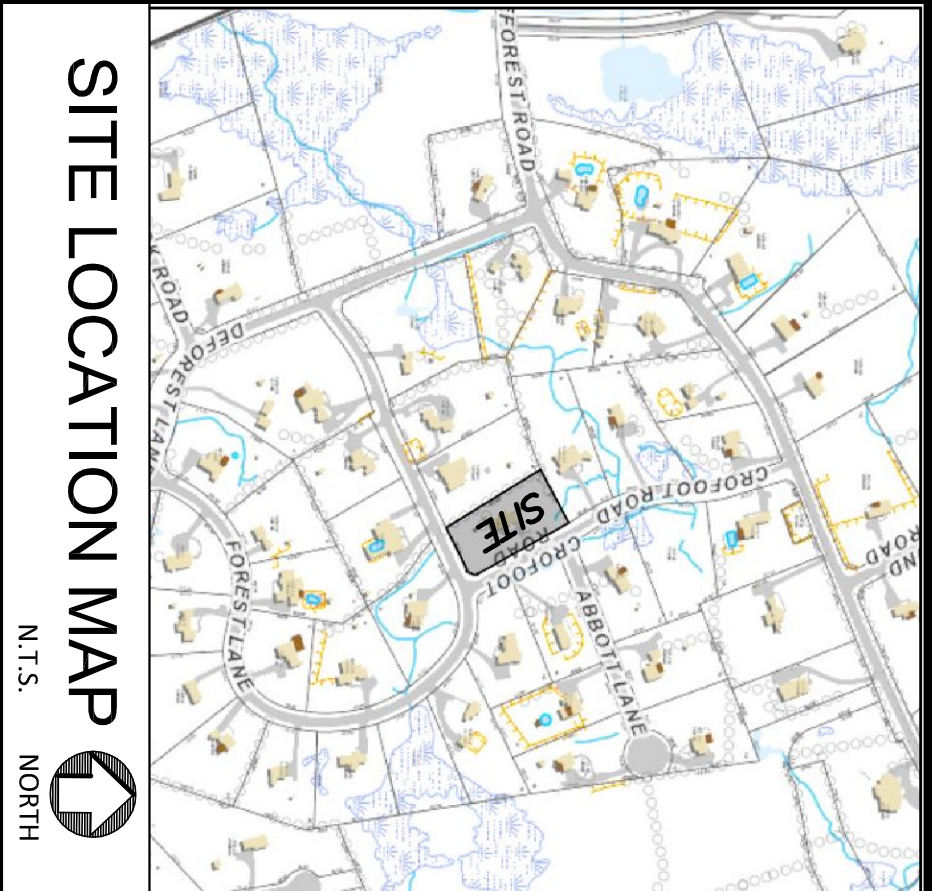


July 2021  
USGS Map #107  
Norwalk North

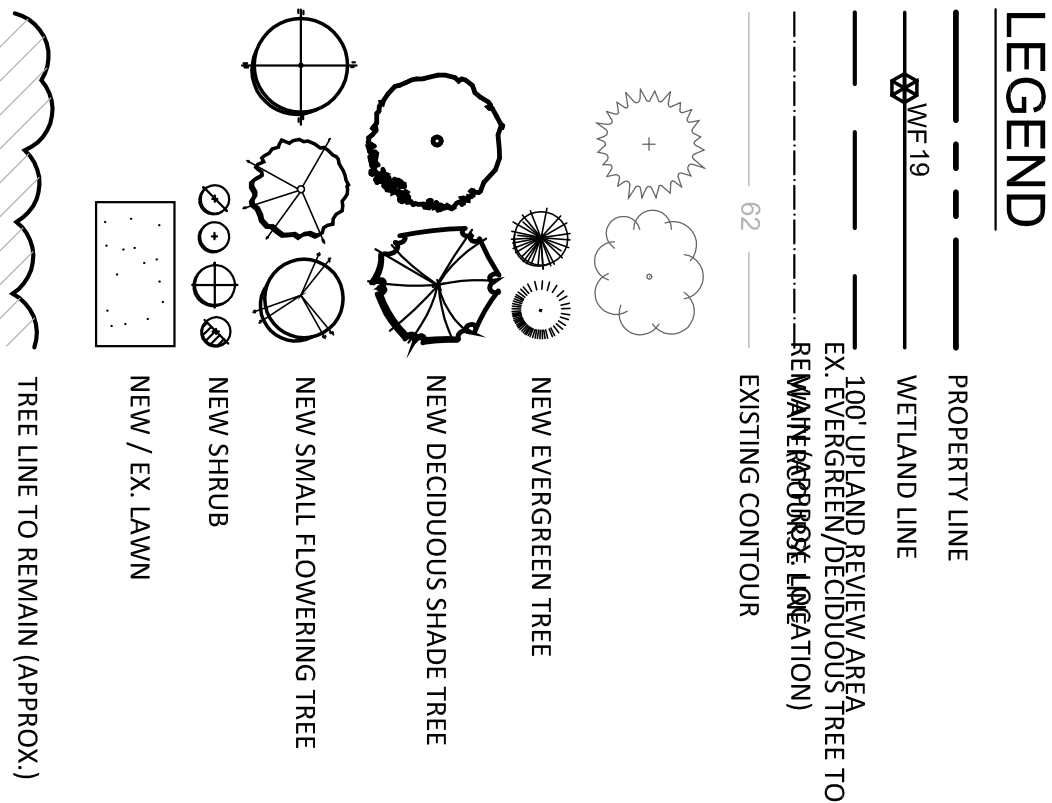
Site is within the watershed of the  
**Silvermine River**  
29 Crofoot Road  
Wilton, Connecticut  
Scale: 1" = 1000' ±

**Environmental Land Solutions, LLC**  
8 Knight St., Suite 203, Norwalk, CT 06851  
Tel: (203) 855-7879 Fax: (203) 855-7836



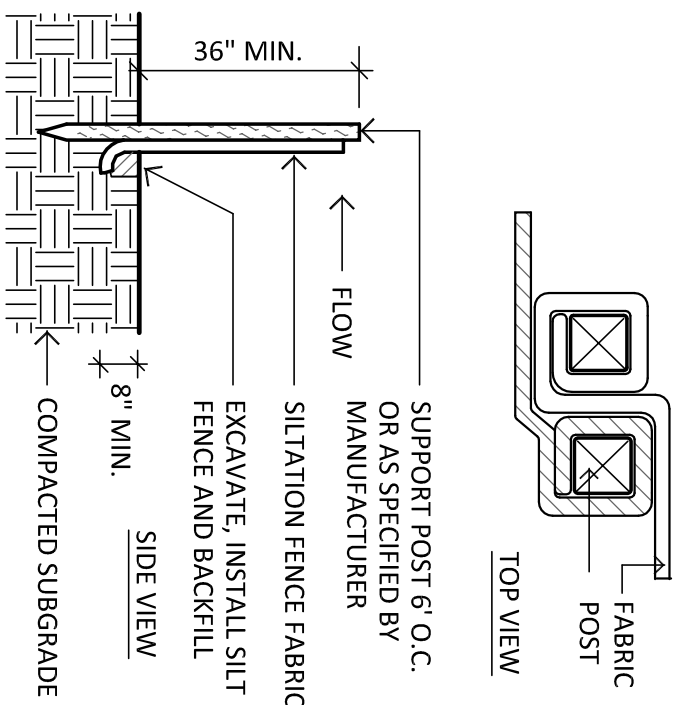


SITE LOCATION MAP  
N.T.S. NORTH



### CONSTRUCTION SEQUENCE:

- THE CONTRACTOR SHALL READ AND COMPLY WITH ALL REQUIRED PRE-CONSTRUCTION PERMIT CONDITIONS PRIOR TO THE START OF CONSTRUCTION. NOTE B100A IS NOT EXPECTED TO BE CONSTRUCTED AT THIS TIME.
- INSTALL TREE PROTECTION FENCING AROUND SIGNIFICANT TREES TO REMAIN AND AS SHOWN ON THE SITE PLAN.
- INSTALL EROSION CONTROL MEASURES AS SHOWN ON SITE PLAN AND AS NEEDED. CHECK EROSION CONTROL MEASURES WEEKLY. REPAIR AS NEEDED.
- REMOVE ITEMS SLATED FOR REMOVAL. EXCAVATE FOR FOUNDATION.
- CONSTRUCTION ADDITION AND INTERIOR RENOVATIONS.
- REMOVE EXCAVATED SOILS AND DEMOLITION ITEMS OFF THE SITE AS SOON AS PRACTICAL.
- WHEN HOUSE CONSTRUCTION IS COMPLETE. INSTALL PERVIOUS PAVEMENTS.
- FINISH SITE IMPROVEMENTS (WALKS, WALLS, PATIO, AND STEPS).
- SPREAD TOPSOIL AND FINE GRADE SITE.
- SEED AND PLANT LANDSCAPE PER PLAN.
- REMOVE EROSION CONTROLS WHEN SITE SOILS ARE STABLE.
- SITE CLEAN-UP.



### NOTES:

- POSITION POSTS TO OVERLAP AS SHOWN ABOVE. MAKING CERTAIN THAT FABRIC FOLDS AROUND EACH POST ONE FULL TURN.
- DRIVE POSTS TIGHTLY TOGETHER AND SECURE POST TOPS BY TYING OFF WITH CORD OR WIRE TO PREVENT FLOW-THROUGH OR BUILT-UP SEDIMENT AT JOINT.

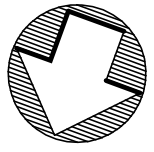
### SILT FENCE

SCALE: NOT TO SCALE

### PLANT LIST

QTY	KEY	BOTANICAL NAME	COMMON NAME	SIZE	ROOT	REMARKS
3	CF	CORNUS FLORIDA	FLOWERING DOGWOOD	6-7' HT.	B&B	WHITE
3	CA	CLETHRA ALNIFOLIA	SUMMERSWEET	3-4' HT.	CONT.	
3	VO	VIBURNUM DENTATUM	BLUE MUFFIN	36-42" HT.	CONT.	
20	CM	OSUNDA CINNAMOMEA	CINNAMIN FERN	1 GAL.	CONT.	

REVISIONS:		DRAWING TITLE:
		WETLAND PLANTING PLAN
		PROJECT: ROSENBERG RESIDENCE
		29 CROFOOT ROAD
		WILTON, CONNECTICUT



PROJECT NORTH

ENVIRONMENTAL LAND SOLUTIONS, LLC

Landscaping Architecture and Environmental Planning

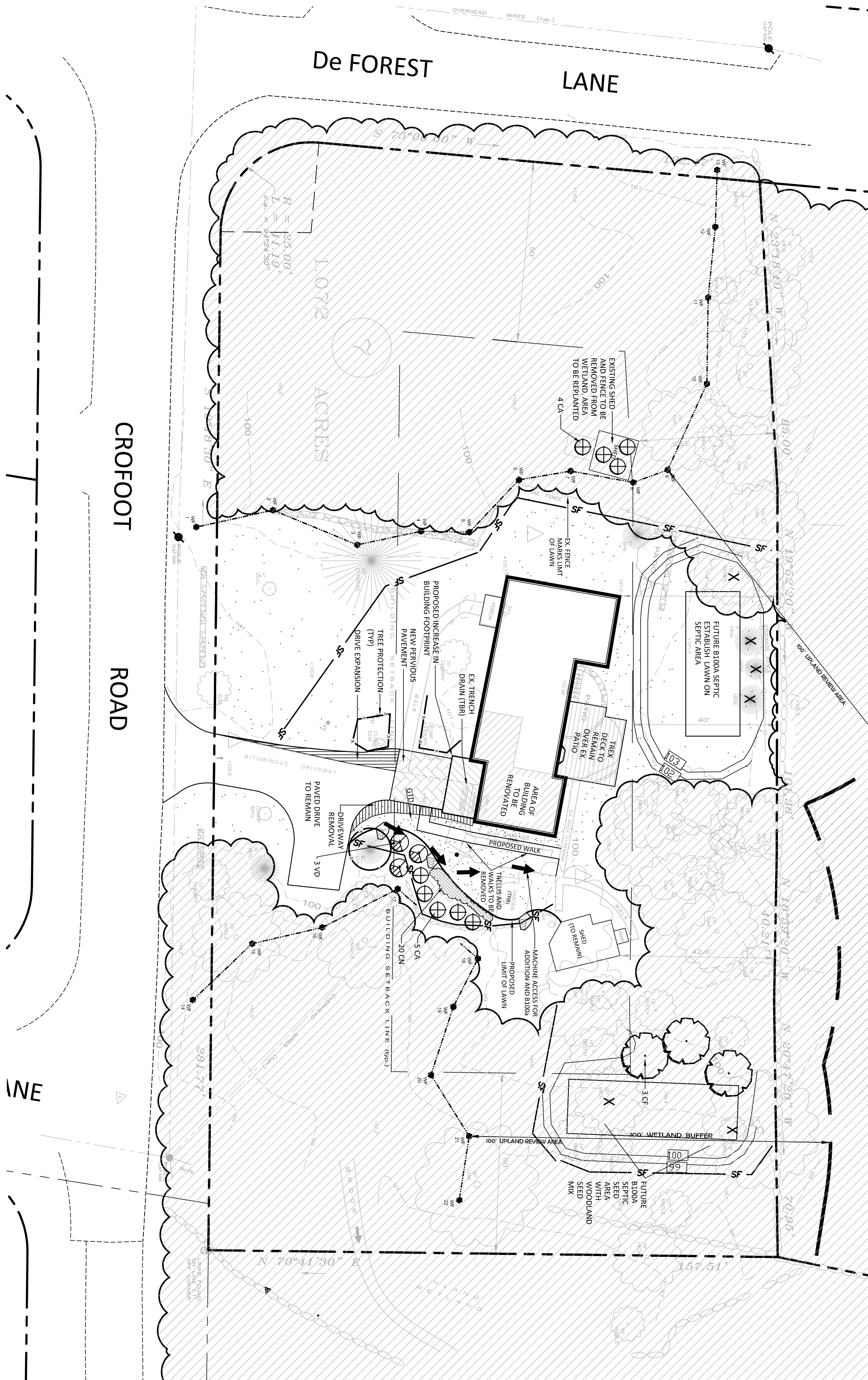
8 KNIGHT STREET, SUITE 203  
NORWALK, CONNECTICUT 06851

Tel: (203) 855-7879 Fax: (203) 855-7836  
info@elsl.net www.elsl.net

DATE: JULY 12, 2021

SCALE: 1"=20'

PLANNING NO.: LP.1



### NOTES:

- EXISTING SITE INFORMATION TAKEN FROM A DIGITAL AUTOCAD SURVEY PLAN SUPPLIED BY RYAN & FAULDS, ENTITLED "PROPERTY SURVEY AND TOPOGRAPHIC SURVEY", DATED 1-19-21. PROPOSED BUILDING AND SERVICE INFORMATION PROVIDED BY PEAK ENGINEERS, LLC.
- CONTACT "CALL BEFORE YOU DIG" AT 1-800-922-4455 TO HAVE UNDERGROUND UTILITY LINES MARKED BY THEM PRIOR TO START OF ANY EXCAVATION WORK.
- EXACT LOCATION OF PROPOSED PLANTINGS AND SPECIES TYPES MAY VARY FROM THIS PLAN BASED ON SITE PLAN REVISIONS AND/OR ACTUAL FIELD CONDITIONS.
- SEED AREAS AT THE METHODS AND 125% THE APPLICATION RATE RECOMMENDED BY THE MANUFACTURER. THE SEED SHALL BE SPREAD ON THE PREPARED SOIL, LIGHTLY RAKED TO ESTABLISH GOOD SOIL CONTACT AFTER SOWING, AND MULCHED WITH A 2 INCH LOOSE LAYER OF CLEAN OAT STRAW OR COMMERCIAL WOOD FIBER PRODUCTS APPLIED BY HAND OR BY HYDROSEEDING ON SLOPES LESS THAN 10%. SEED MIX SUBSTITUTIONS SHALL BE USED ONLY AS SPECIFIED AND APPROVED BY THE PROJECT LANDSCAPE ARCHITECT PRIOR TO USE. DO NOT FERTILIZE AREAS TO BE SEEDED UNLESS SPECIFIED BY THE MANUFACTURER. SEED PER THE FOLLOWING SCHEDULE:
  - WETLAND BUFFERS (UPLAND AREAS):
    - SEED THIS AREA WITH "NEW ENGLAND CONSERVATION / WILDLIFE SEED MIX" BY FROM NEW ENGLAND WETLAND PLANTS, INC. (413-548-8000).
  - WOODLAND AREA (WOODY AND HERBACEOUS PLANTS):
    - SEED THIS AREA WITH "NEW ENGLAND ROADSIDE MATRIX UPLAND SEED MIX" BY NEW ENGLAND WETLAND PLANTS, INC. (413-548-8000).
- IF SPECIFIED SEEDING CAN NOT OCCUR DUE TO SEASONAL AND WEATHER CONDITIONS, TEMPORARY SEED DISTURBED UPLAND AREAS WITH A MIXTURE OF ANNUAL RYE AT 20 LBS./ACRE, PERENNIAL RYE AT 20 LBS./ACRE, AND REDTOP AT 2 LBS./ACRE AND DISTURBED WETLAND AREAS WITH ANNUAL RYE AT THE RATE OF 30 LBS./ACRE. MULCHING, WITHOUT SEEDING, MAY BE USED DURING THE NON-GROWING SEASON IN ACCORDANCE WITH THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL (2002)".
- SPRAY NEW PLANTINGS IMMEDIATELY AFTER INSTALLATION WITH A WHITE-TAILED DEER REPELLENT AND CONTINUE AS NEEDED TO MAINTAIN PLANTS FREE OF SIGNIFICANT DEER BROWSING.
- PROTECT NEW DECIDUOUS TREE TRUNKS WITH 4' HT. CHICKEN-WIRE FENCING (OR OTHER PROTECTIVE NETTING) AS NEEDED TO PREVENT DEER RUBBING.
- PLANT SPECIES SUBSTITUTIONS MAY BE MADE WITH THE APPROVAL OF THE PROJECT LANDSCAPE ARCHITECT PRIOR TO PLANTING. SUBSTITUTED PLANTS SHALL BE AT AN EQUAL OR GREATER SIZE AS NOTED USING A SIMILAR TYPE PLANT.
- MULCH AREAS AROUND NEW TREES AND SHRUBS WITH A 3" THICK LAYER OF SPREADED CEDAR BARK MULCH. NEW TREES SHALL EACH HAVE A 5' MIN. DIA. MULCHED BED AND NEW SHRUBS SHALL EACH HAVE A MINIMUM 3' DIAMETER MULCHED BED. AREAS WITHIN 4' OF TREE TRUNKS SHALL BE MAINTAINED FREE OF MULCH.
- PLANTING METHODS SHALL BE IN ACCORDANCE WITH THE "AMERICAN STANDARDS FOR NURSERY STOCK", LATEST EDITION, AS PUBLISHED BY THE AMERICAN NURSERY & LANDSCAPE ASSOCIATION.
- THIS PLAN FOR PLANTING PURPOSES ONLY. SEE PLANS BY OTHERS FOR ADDITIONAL INFORMATION.
- THE BOULDER DEMARCATION ROW SHALL BE COMPOSED OF TWO-MAN BOULDERPS (2 CUBIC FEET) ON LARGER SPACED A MAXIMUM OF 10' 15" ON CENTER. THE BOULDERPS MAY BE PARTIALLY SUNKEN INTO THE GROUND WITH A MINIMUM OF 8'-12" EXPOSED ABOUT THE FINAL GRADE.

### EROSION CONTROL NOTES:

- LAND DISTURBANCE SHALL BE KEPT TO A MINIMUM. RESTABILIZATION OF DISTURBED SOILS SHALL BE COMPLETED AS SOON AS POSSIBLE.
- ALL EROSION CONTROL MEASURES SHALL BE IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS NOTED IN THE CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL", DEP BULLETIN 34, 2002.
- ADDITIONAL EROSION CONTROL MEASURES SHALL BE INSTALLED DURING THE CONSTRUCTION PERIOD AS NEEDED AT THE CONTRACTOR'S EXPENSE. THE TOWN WETLAND DEPARTMENT STAFF AND THE PROJECT LANDSCAPE ARCHITECT SHALL HAVE THE AUTHORITY IN DETERMINING THE NEED FOR ADDITIONAL CONTROLS.
- DISTURBED AREAS TO BE LEFT EXPOSED FOR MORE THAN 21 DAYS SHALL BE SEEDDED WITH PERGRASS AT THE RATE OF 1 LBS. PER 1000 SQUARE FEET WITHIN SEVEN DAYS OF THE OCCURRENCE OF THE DISTURBANCE. APPLY SOIL AMENDMENTS AND MULCH AS NEEDED TO ESTABLISH A DENSE, UNIFORM AND HEALTHY VEGETATION STAND OVER SEEDED AREAS.
- THE SITE CONTRACTOR SHALL UTILIZE METHODS AND MATERIALS FOR THE PREVENTING OF DUST (SOIL) BLOWING ONTO OFFSITE AREAS.
- THE SITE CONTRACTOR SHALL MAINTAIN AN EXTRA SUPPLY OF SILT FENCE (50' MIN.) AND HAY BALES (25' MIN.) ON THE SITE FOR EMERGENCY REPAIRS.
- EROSION CONTROLS SHALL BE MAINTAINED IN PROPER WORKING ORDER DURING THE CONSTRUCTION PERIOD AND UNTIL THE SITE SOILS ARE STABILIZED. EROSION CONTROLS SHALL BE INSPECTED WEEKLY AND AFTER EACH RAINFALL AND REPAIRED WITHIN 24 HOURS.
- WHEN POSSIBLE, EROSION CONTROLS SHALL BE INSTALLED PRIOR TO CONSTRUCTION.
- IF CONSTRUCTION OPERATIONS ARE DELAYED FOR ANY REASON ONCE SITE DISTURBANCE HAS OCCURRED, THE SITE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROPER ROUTINE MAINTENANCE AND INSPECTION OF THE EROSION CONTROL MEASURES DURING THIS PERIOD.
- HYDRO-SEED DISTURBED LANDSCAPE AREAS WITH A HYDRAULIC MULCH (SUCH AS FLEXTERIA BY PROHLE) AND A HIGH QUALITY FAST GROWING TURF MIXTURE.
- SWEEP SITE AND ADJACENT ROADWAYS AS NEEDED TO KEEP THEM CLEAN OF ACCUMULATED SITE SEDIMENTS THROUGHOUT THE PROJECT PERIOD.
- SEEDED AREAS THAT ARE ON SLOPES ON OR GREATER THAN 10% SHALL BE COVERED WITH AN EROSION CONTROL BLANKET (INCLUDING ANCHOR STAPLES) THAT IS PLASTIC-FREE AND 100% BIODEGRADABLE OR PHOTODEGRADABLE WITHIN TWO YEARS.