



Town of Simsbury

Office of Community Planning and Development - Inland Wetlands Permit Application

DATE: 08/01/2022 FEE: \$ NA CK #: _____ APP #: 22-18

PROPERTY ADDRESS: 2 Apple Lane

NAME OF APPLICANT: Town of Simsbury

MAILING ADDRESS: 933 Hopmeadow Street, Simsbury, CT 06070

EMAIL ADDRESS: dgannon@simsbury-ct.gov TELEPHONE # 860-658-3260

NAME OF OWNER: Daniel M Elmer & Patricia M Mastriano

MAILING ADDRESS: 2 Apple Lane, Simsbury, CT 06070

EMAIL ADDRESS: _____ TELEPHONE # _____

NOTE: ATTACH A WRITTEN LETTER OF AGENCY, DULY ACKNOWLEDGED, TO ACT FOR THE OWNER, INCLUDING THE ABILITY TO CARRY OUT ACTIVITIES SET FORTH HEREIN.

DESCRIBE THE SPECIFIC ACTIVITY(ies) FOR WHICH A PERMIT IS SOUGHT AS IT RELATES TO "REGULATED ACTIVITIES" AS DEFINED IN SECTION 6 OF THE SIMSBURY INLAND WETLANDS REGULATIONS, SUCH AS: A) REMOVE MATERIAL FROM; B) DEPOSIT MATERIAL IN OR DISCHARGE TO; C) CONSTRUCT ON; D) OBSTRUCT; E) ALTER; F) POLLUTE; OR G) OTHERWISE ADVERSELY AFFECT A REGULATED AREA:
The activity proposed is the removal of sediment in a pond associated with the dislodgement of a drainage pipe.

The material which was deposited into the pond has been estimated at approximately 60 cubic yards.

CERTIFICATIONS AND PERMISSIONS:

As owner, I hereby give permission to the Town of Simsbury's Conservation Commission Inland Wetlands Watercourses Agency, their Agents, or Town Staff to enter upon my land to make observations and tests as may be necessary to evaluate this application and ongoing work, subject to twenty-four hours notice of such entry/testing.

I hereby certify that all statements herein are true to the best of my knowledge, whether made by me or my agents. Any permit issued shall be contingent upon field conditions and activities being substantiated as indicated herein. A changed situation shall require reconsideration of the permit by the Commission upon discovery by either party.

I certify that I have the authority to sign this application.

Signature of Owner

Date

Maia Capiola 8/2/22
Signature and Title of Applicant
Town Manager

Date

Telephone (860) 658-3245
Facsimile (860) 658-3206

www.simsbury-ct.gov

933 Hopmeadow Street
Simsbury, CT 06070

INSTRUCTIONS FOR APPLICANT

Any person seeking a permit to carry out a regulated activity on property which has been designated an inland wetland or watercourse by the Conservation Commission or within the 100-foot regulated buffer area of a designated inland wetland or watercourse must complete and submit the Inland Wetlands Permit Application to the Planning Department.

Submission shall occur by the day before a regular meeting of the Conservation Commission. (See Section 5 of the Inland Wetlands and Watercourses Regulations of the Town of Simsbury.) Application will be heard at the following meeting, after petition period.

The original application shall be submitted with eleven (11) copies. Maps on sheets larger than 11"x14" shall be submitted in at least three (3) copies. Additional copies of site plans may be required. PDFs of the maps, if available, should be submitted, as well. PDFs can be emailed to lbarkowski@simsbury-ct.gov.

A filing fee shall accompany the application, as required by the Land Use Application Fees schedule. Please consult with the Planning Office for specific fee determination.

The following information shall be provided on white paper (8 ½"x11") and typewritten. Reproduce the following questions along with the answer and attach to the application.

1. *In the case of a public hearing or map amendment*, list on a separate sheet of paper the names and addresses of all abutting property owners and property owners within 100 feet of all property lines. Identify on one of the attached maps.
2. Describe the site and the regulated area or wetlands/watercourses involved:
 - a. General site conditions, including vegetation and general soil conditions.
 - b. Size of wetland within site or distance of the activity from the wetland.
 - c. Size of total contiguous wetland.
 - d. Position relative to other wetlands on site.
 - e. Type of wetland characterized by vegetative and soil type and/or watercourse, such as: 1) open/deep fresh water pond or lake; 2) shallow marsh; 3) seasonally flooded basins and flats; 4) meadow; 5) shrub swamp; 6) wooded swamp; 7) bog; 8) kettle; 9) stream type; 10) other.

3. Depth to water table, depth to mottled soil, and seasonal variation of water table.
4. Describe the immediate impact on the wetlands and watercourses, including, but not limited to:
 - a. Quantities, by volume and area disturbed, of materials to be removed, deposited, or altered.
 - b. Kinds of materials by soil types and vegetative classifications, and materials classification to be removed, deposited, or altered.
 - c. Percent of wetlands/watercourses disturbed or altered to total area of wetlands/watercourses on the parcel.
5. Describe the related construction activities and their impact on:
 - a. Area and location of wetlands and watercourses.
 - b. Types and amounts of vegetation.
 - c. Surface and groundwater.
 - d. Visual impacts.
 - e. Wildlife habitats.
6. Describe the long term or permanent impact of the activity(ies) on environmental aspects, such as the surface and groundwater quality, storm water runoff, visual impact(s), or wildlife habitats on:
 - a. Wetlands and/or watercourses.
 - b. Abutting riparian properties and/or wetlands and/or watercourses.
7. Identify sedimentation and erosion control measures to be used.
8. Identify alternatives to the proposed activity that were considered, including alternative sites and why this one was chosen.
9. Estimate cost of work and time for completion.
10. Attach drainage calculations and other reports as indicated to substantiate the statements made above.
11. **REQUIRED MAPS**
 - a. Attach a vicinity map on an 8 ½"x11" sheet at scale 1"=200' or 1'=800' (depending upon the size of the parcel) showing the general location of the area in which the regulated activity is proposed. The map should be in sufficient detail to allow the identification of the property on the official Inland Wetlands and Watercourses map. A guide to the kinds of information to be shown is available in the Planning Department at the Town Hall.

b. Site Plan(s) showing:

- i. The topography showing contours at intervals of not more than two (2) feet and a minimum of two (2) contour marks per ten (10) acres at a scale of 1"=100' or 1"=40' (whichever is more appropriate).
- ii. Location of existing watercourses and/or ponds.
- iii. Location of regulated activity.
- iv. Proposed grading and/or filling.
- v. Proposed drainage, site utilities, wells, etc.
- vi. Sedimentation and erosion control measures.

12. The Applicant shall certify whether:

- a. Any portion of the property on which the regulated activity is proposed is located within 500 feet of the boundary of an adjoining municipality.
- b. Traffic attributable to the completed project on the site will use streets within the adjoining municipality to enter or exit the site.
- c. Sewer or water drainage from the project site will flow through and affect the sewage or drainage system within the adjoining municipality or
- d. Water runoff from the improved site will affect streets or other municipal or private property within the adjoining municipality.
- e. Documentation that notice of the pending application was provided to the adjacent municipality (certified mail, return receipt requested) on the same day of filing an inland wetland permit application with the Town of Simsbury.
- f. The property is subject to a conservation restriction or preservation restriction, and, if so, what party or parties are holders thereof or intended to be benefitted thereby.

ALL INFORMATION MUST BE COMPLETED TO THE EXTENT INDICATED BY THE COMMISSION BEFORE ANY ACTION IS TAKEN ON THE PERMIT APPLICATION. INCOMPLETE APPLICATIONS WILL BE DENIED. ADDITIONAL INFORMATION MAY BE REQUIRED BY THE COMMISSION.

THE APPLICANT AND/OR AUTHORIZED AGENT SHOULD ATTEND THE CONSERVATION COMMISSION/INLAND WETLANDS & WATERCOURSES AGENCY MEETING IN ORDER FOR A DECISION TO BE RENDERED. IF APPLICANT OR AGENT DOES NOT ATTEND, AND QUESTIONS ARISE, DECISION ON APPLICATION MAY BE DEFERRED OR DENIED.

Simsbury Inland Wetland Permit Application

Supplemental Information

For

Hop Hollow Pond Drainage Pipe Replacement

1. In case of a public hearing or map amendment, list on a separate sheet of paper the names and addresses of all abutting property owners and property owners within 100 feet of all property lines. Identify on one of the attached maps.

Refer to Attachment A for the abovementioned items.

2. Describe the site and the regulated area or wetlands/watercourses involved:

- a. General site conditions, including vegetation and general soil conditions.

The conditions along the slope where the erosion occurred is a wooded area with underbrush.

The soil conditions within the area of proposed work consists of Raypol Silt Loam and Hinckey Loamy Sand. Refer to Attachment B for the soil map and soil type descriptions.

- b. Size of wetland within site or distance of the activity from the wetland.

Refer to Attachment C which contains the Town ACAD Wetland Map showing wetlands adjacent to and within the proposed work.

- c. Size of total contiguous wetland.

The size of the contiguous wetlands is approximately 1.7 +/- acres and ultimately connects to Hop Brook.

- d. Position relative to other wetlands on site.

Wetlands are shown within the drainage pipe replacement and extends upgradient to this area.

- e. Type of wetland characterized by vegetative and soil type and/or watercourse.

Refer to Attachment B for soil type descriptions at the wetlands.

3. Depth to water table, depth to mottled soil and seasonal variation of water table.

Refer to Attachment B for soil type descriptions. Test pits or borings have not been dug.

4. Describe the immediate impact on the wetlands and watercourses, including, but not limited to:

- a. Quantities, by volume and area disturbed, of materials to be removed, deposited or altered.

Impacts to the wetlands and watercourses will be temporary to while restoring the areas to their existing conditions. All areas will be stabilized after work has been completed.

There will be no long term or permanent impact to the wetlands or watercourses. The condition of the site will have a near net-zero change once restored and stabilized.

7. Identify sedimentation and erosion control measures to be used.

A silt fence, straw wattles, or an approved equal is proposed downgradient of all proposed drainage pipe work to protect wetlands and Hop Brook from any inverse impacts. Erosion control matting will be utilized as needed to facilitate the establishment of vegetation.

8. Identify alternatives to the proposed activity that were considered, including alternative sites and why this one was chosen.

An alternative to the proposed activity was do-nothing. This alternative was not chosen because of the impact the large storm events have had on Hop Brook and anticipated further erosion to the project area.

9. Estimate cost of work and time for completion.

The approximate cost of the work is \$30,000 and the time from first disturbance to restoration of all disturbed areas is approximately 6-8 weeks.

10. Attach drainage calculations and other reports as indicated to substantiate the statements made above.

Drainage calculations are not required for this project. The drainage pipe will be replaced in-kind.

11. REQUIRED MAPS

a. Attach a vicinity map at a scale of 1" = 200' or 1" = 800'.

b. Site Plan(s) showing:

- i. The Topography showing contours at intervals of not more than two (2) feet and a minimum of two (2) contour marks per ten (10) acres at a scale of 1" = 100' or 1" = 40' (whichever is more appropriate).

See attachment E – Parcel & Topography Map. This was taken from the Town GIS and shows approximate 1-foot contours.

- ii. Location of existing watercourse and/or ponds.

See Hop Brook on the attachment C – Wetlands Map. This was taken from the Town GIS and identifies the watercourse of Hop Brook.

- iii. Location of regulated activity.

- f. The property is subject to a conservation restriction or preservation restriction, and, if so, what party or parties are holders thereof or intended to be benefitted thereby.

No conservation restriction is proposed or preservation restriction is proposed.

Attachment A – Abutters List and Map

TOWN OF SIMSBURY, CONNECTICUT

Parcel ID	Site Address	Owner Name	Mailing Address	Mailing City	Mailing State	Mailing Zip
	100 OLD FARMS ROAD	TOWN OF SIMSBURY	933 HOPMEADOW STREET	SIMSBURY	CT	06070- 0000
D08 147 002	4 APPLE LANE	SANDLER ERIKA L	4 APPLE LANE	SIMSBURY	CT	06070- 0000
D08 311 008	4 BROOK DRIVE	ELLIOTT DOUGLAS S AND CATHERINE A	4 BROOK DRIVE	SIMSBURY	CT	06070- 0000
D08 303 009	3 BROOK DRIVE	BYRD-LOFRESE SARAH J AND MARY E	3 BROOK DRIVE	SIMSBURY	CT	06070- 0000
E08 147 002	4 HOP HOLLOW	SIPES PAUL S AND ROSS HOLLY	4 HOP HOLLOW	SIMSBURY	CT	06070- 0000
E08 147 001	2 HOP HOLLOW	HELFAND ROBERT D AND MINKOFF RACHELLE J	2 HOP HOLLOW	SIMSBURY	CT	06070- 0000
D08 147 006	1 APPLE LANE	TUCKER CHRISTOPHER Q & ANGELA M	1 APPLE LANE	SIMSBURY	CT	06070- 0000
D08 147 004B	70 HOP BROOK ROAD	BRERETON SUSAN	70 HOP BROOK ROAD	SIMSBURY	CT	06070- 0000
D08 147 001	2 APPLE LANE	ELMER DANIEL M AND MASTRIANO PATRICIA M	2 APPLE LANE	SIMSBURY	CT	06070- 0000

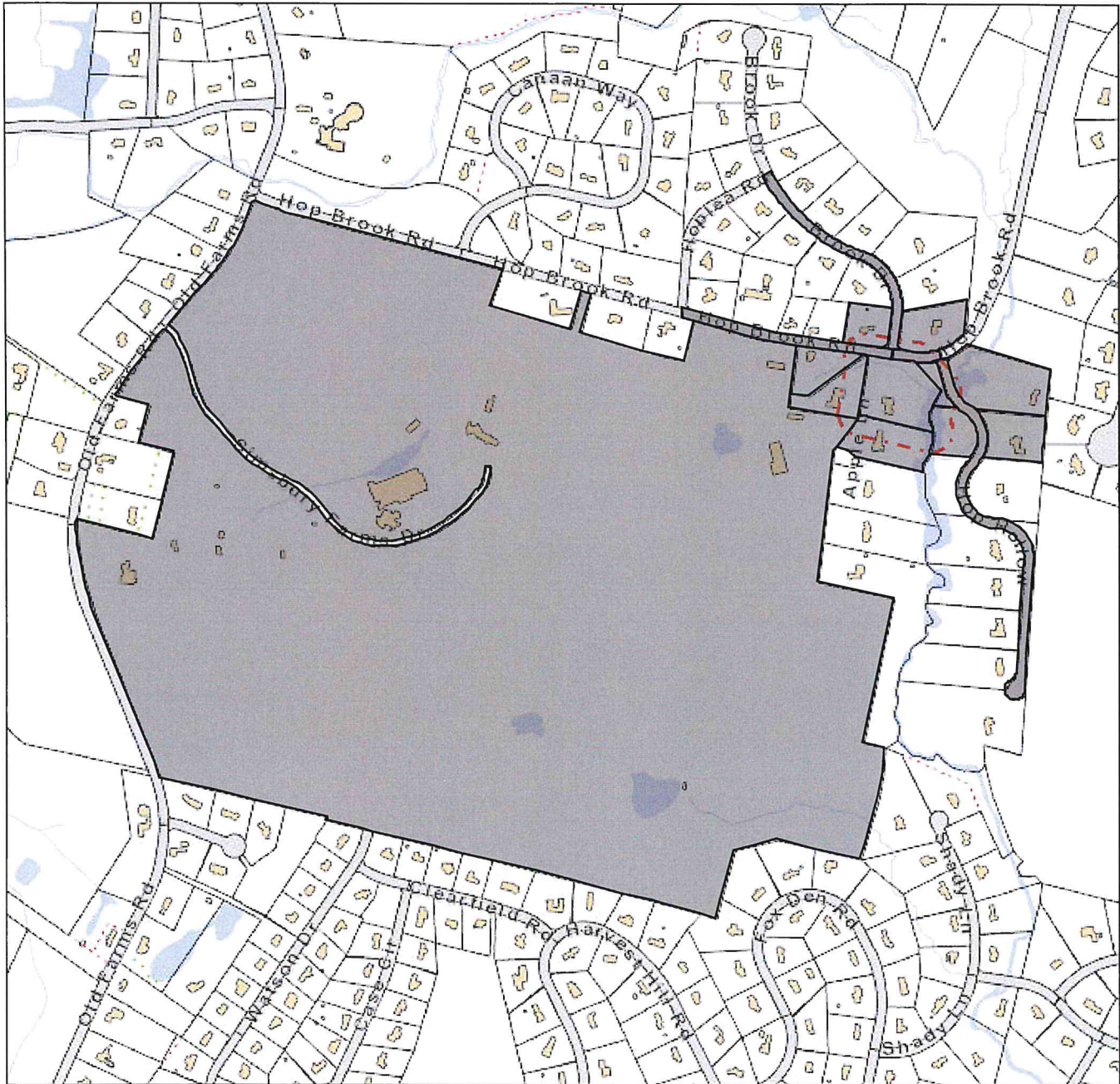
Print Me!

Town of Simsbury

Geographic Information System (GIS)

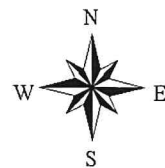


Date Printed: 7/26/2022



MAP DISCLAIMER - NOTICE OF LIABILITY

This map is for assessment purposes only. It is not for legal description or conveyances. All information is subject to verification by any user. The Town of Simsbury and its mapping contractors assume no legal responsibility for the information contained herein.



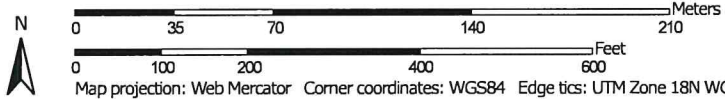
Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
12	Raypol silt loam	2.5	9.5%
23A	Sudbury sandy loam, 0 to 5 percent slopes	1.1	4.3%
38C	Hinckley loamy sand, 3 to 15 percent slopes	7.4	28.5%
38E	Hinckley loamy sand, 15 to 45 percent slopes	7.0	26.8%
102	Pootatuck fine sandy loam	2.1	8.2%
108	Saco silt loam	4.3	16.7%
W	Water	1.6	6.0%
Totals for Area of Interest		26.0	100.0%

Attachment B - Soil Map and Soil Descriptions
Soil Map—State of Connecticut




Map Scale: 1:2,670 if printed on A landscape (11" x 8.5") sheet.



MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)



















Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features

-  Blowout
-  Borrow Pit
-  Clay Spot
-  Closed Depression
-  Gravel Pit
-  Gravelly Spot
-  Landfill
-  Lava Flow
-  Marsh or swamp
-  Mine or Quarry
-  Miscellaneous Water
-  Perennial Water
-  Rock Outcrop
-  Saline Spot
-  Sandy Spot
-  Severely Eroded Spot
-  Sinkhole
-  Slide or Slip
-  Sodic Spot

-  Spoil Area
-  Stony Spot
-  Very Stony Spot
-  Wet Spot
-  Other
-  Special Line Features


Water Features

 Streams and Canals

Transportation

-  Rails
-  Interstate Highways
-  US Routes
-  Major Roads
-  Local Roads

Background

 Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL:
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: State of Connecticut
 Survey Area Data: Version 21, Sep 7, 2021

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Aug 24, 2019—Oct 24, 2019

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Attachment C - Wetlands Map

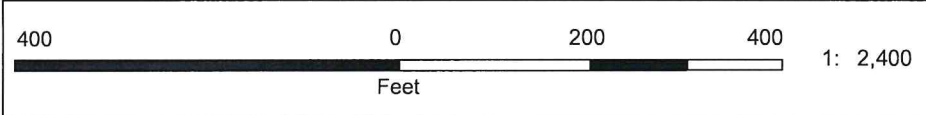


Legend

- Parcels
- Street Labels
- Town Border
- Outfalls
- Headwalls
- Catch Basin
 - Catch Basin
 - Infiltrator
 - Manhole
 - Pipe End
 - Settling Basin
- Manhole
- Infiltrators
- Settling Basins
- Drainage Lines
 - Pipe
 - Stream Crossing
- CT Simsbury.DBO.
ACAD_Wetlands_AmmendedT



Notes



This product is for informational purposes and may not have been prepared for, or be suitable for legal, engineering, or surveying purposes. Users of this information should review or consult the primary data and information sources to ascertain the usability of the information.

Attachment D - Drainage System

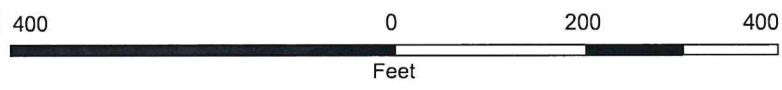


Legend

- Parcels
- Street Labels
- Town Border
- ▲ Outfalls
- ▲ Headwalls
- Catch Basin
- Catch Basin
- Infiltrator
- Manhole
- Pipe End
- Settling Basin
- Manhole
- ⊗ Infiltrators
- Settling Basins
- Drainage Lines
- Pipe
- Stream Crossing



Notes

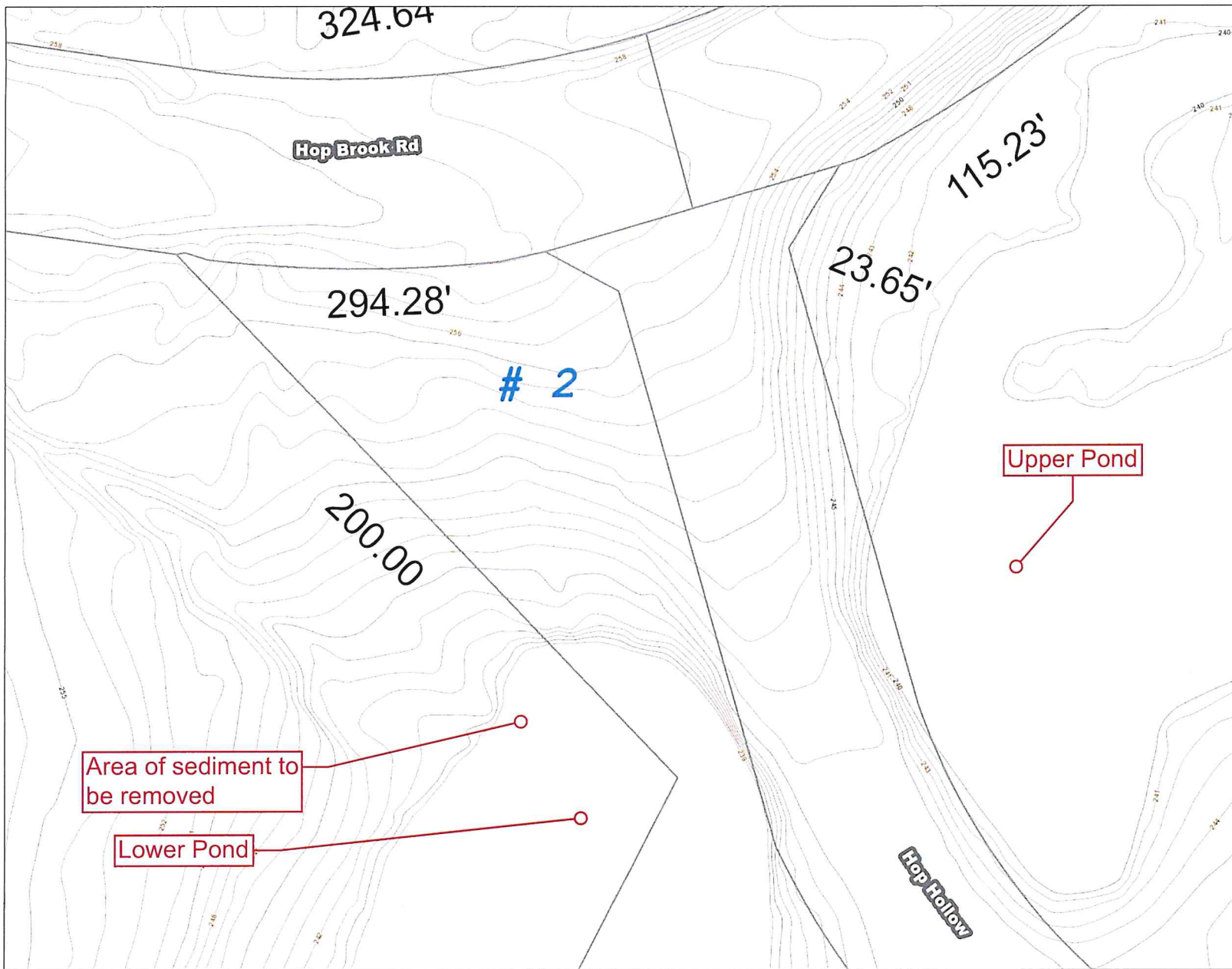


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Attachment E - Parcel & Topography Map



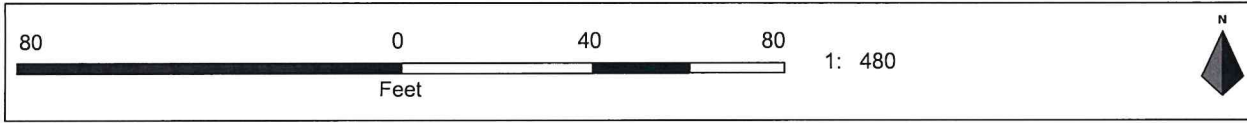
Legend

- Parcels
- Street Labels
- Town Border
- Citations

Location

A regional map of Rhode Island and surrounding areas, with a red dot indicating the location of the site near Pawtucket and Providence.

Notes



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Attachment F – Photos



