

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



TOWN HALL
238 Danbury Road
Wilton, Connecticut 06897

APPLICATION FOR AN INTERMEDIATE REGULATED ACTIVITY

For Office Use Only:

Filing Fee \$ _____

Date of Submission _____

Date of Acceptance _____

WET# _____

Wilton Land Record Map# _____

Volume # _____ Page # _____

Assessor's Map # _____ Lot# _____

APPLICANT INFORMATION:

Applicant Matthew or Kristen (Nehls) Raimond

Address 405 Belden Hill Road
Wilton, CT 06897

Telephone 610-787-0147

Email kristen.e.nehls@gmail.com

Agent (if applicable) Mark A. Sorosiak, ASLA, AIA

Address 75 Glen Rd. Suite 312
Sandy Hook, CT 06482

Telephone 203-515-2480

Email mark@brookclark.com

PROJECT INFORMATION:

Property Address 405 Belden Hill Road

Acres of altered Wetlands On-Site 0

Linear Feet of Watercourse 332 lf

Linear Feet of Open Water 0'; intermittent stream

Sq. Ft. of proposed and/or altered impervious
coverage 4850 sf +/-

Site Acreage 2.976 sf +/-

Cu. Yds. of Material Excavated 35.6 cu yds +/-

Cu. Yds. of Material to be Deposited 35.6 cu yds

Acres of altered upland buffer 0

Sq. Ft. of disturbed land in regulated area 4850 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: Plans include relocating portions of small sitting / retaining walls, reset and expansion of existing dry-laid bluestone paving, installation of automated pergola, installation of masonry wood burning fireplace; reconfigured existing wood deck stairs;
all to improve usability of spaces, improved circulation and aesthetics

In addition, the applicant shall provide nine (9) collated copies of the following information as well as an electronic submission via email to mike.conklin@wiltonct.org & 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'***
- ☒ D. Sketch Plans depicting the alternatives considered
- ☒ E. Names and addresses of adjoining property owners
- ☒ F. A narrative describing, in detail
 - a. the proposed activity
 - b. the alternatives considered
 - c. impacts
 - d. proposed mitigation measures
- ☒ G. Soils Report prepared by a Certified Soil Scientist and Wetlands Map prepared by a Registered Land Surveyor
- ☒ H. Description of the chemical and physical characteristics of fill material to be used in the Regulated Area
- ☒ I. Description and maps detailing the watershed of the Regulated Area
- ☒ J. One original application and eight (8) copies

****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: Kristen Nehls (Raimondi) Date: 3/12/2024

Agent's Signature (if applicable): Mark Sorosiak Date: 3/12/2024

LETTER OF CONSENT

March 7, 2024

I/we, Matthew and / or Kristen Raimondi of 405 Belden Hill Road in Wilton, CT 06897 hereby authorize *Mark A. Sorosiak, ASLA, Assoc. AIA of Brook Clark Landscape Architects (BCLA)* to act as our agent for all permitting processes related to site improvements at 405 Belden Hill Road, Wilton, CT 06897

A handwritten signature in black ink, appearing to read "M. Raimondi", is written over a horizontal line.

Date: March 7, 2024

Matthew Raimondi or Kristen (Nehls) Raimondi
405 Belden Hill Road, Wilton, CT 06897

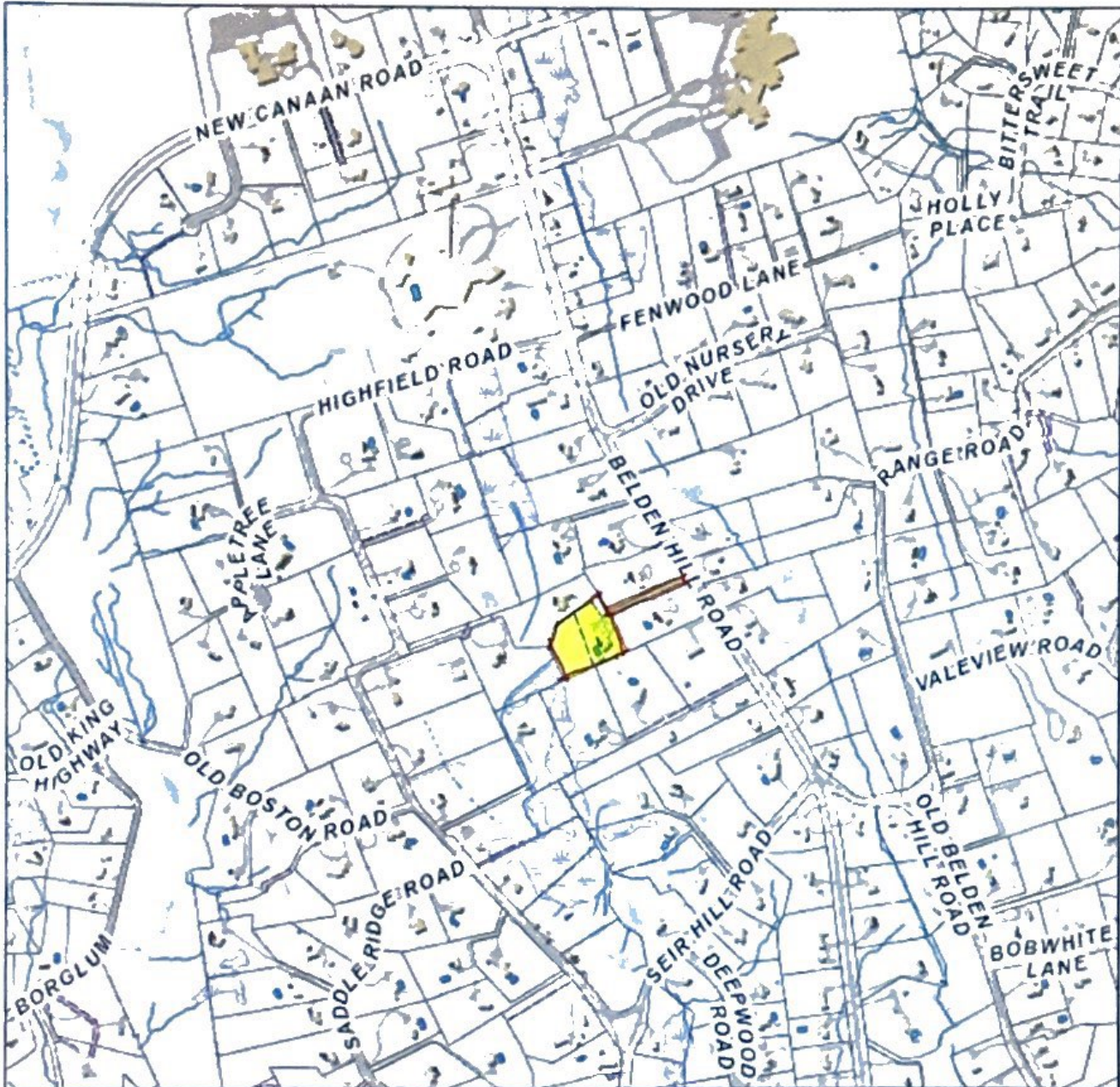
Town of Wilton

Geographic Information System (GIS)



405 BELDEN HILL ROAD

Date Printed: 3/7/2024



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 Wilton and its mapping contractors assume no legal responsibility for the information contained herein.

Zoning Effective: July 28, 2017

Planimetrics Updated: 2014

Approximate Scale: 1 inch = 800 feet

0 800
Feet



40' PROPERTY LINE SETBACK

EX STREAM

EX DRIVEWAY

EX PLANTING

EX RETAINING WALL

EX STEPS

EX RETAINING WALL

EX WETLAND

100' WETLAND SETBACK

EX GARAGE

EX RESIDENCE

EX STONE WALK

EX AND SUPPLEMENTAL PLANTINGS

LAWN

LIMIT OF GRADING

RETAINING WALL

POOL ENCL. FENCE

STONE WALK

STONE STEPS

PLANTING

LAWN

STONE TERRACE

EX RETAINING WALL

MULTI-STEMMED RED MAPLES

STEPPING STONE

EX DECK ABOVE

STONE TERRACE

STONE STEPS

STONE STEPS

PENNSOLA

STONE TERRACE

EX POOL

100' WETLAND SETBACK

STEPPING STONES

EX SHEED

EX POOL EQUIP

EX STONE TERRACE

EX AND SUPPLEMENTAL PLANTINGS

40' PROPERTY LINE SETBACK

Master Plan (11x17)

Raimondi Residence
405 Beldan Hill Road
Wilton, CT

March 12, 2023

BC|LA

BROOK CLARK LANDSCAPE ARCHITECTS
75 GLEN ROAD, SUITE 300
SANDY HOOK, CT 06482

11/15/23-4/23/23
RaimondiResidence.mxp



405 BELDEN HILL RD. / WILTON, CT

ADJOINING PROPERTY OWNERS (ALL N/F):

- JOYCE H. SEYMORE, 385 BELDEN HILL RD. WILTON, CT 06897
- JOHN & HANA KAUFMAN, 407 BELDEN HILL RD, WILTON, CT 06897
- 49 LAKE AVE, LLC, 415 BELDEN HILL RD, WILTON, CT 06897
- JULIE H. & NICHOLAS C. STEVENSON, 417 BELDEN HILL RD, WILTON, CT 06897
- LAURETTE M. HAUSER, 101 HIGHFIELD RD, WILTON, CT 06897

405 Belden Hill Road

Project Narrative – Site Improvements

The property owners would like to improve both functionality and aesthetically, their pool surround and adjacent areas.

- a. Plans include relocating portions of small sitting retaining walls, resetting and expansion of existing dry-laid bluestone paving, the addition of an automated pergola for sun relief, a masonry wood burning fireplace, improved pedestrian circulation by better connecting the existing parking court with the pool area – achieved by using dry-laid bluestone walkways and steps, reconfiguring existing wood deck steps to contribute to improved circulation, addition of an outdoor kitchen and the addition of masonry access steps to connect the upper level to the lower lawn level.
- b. No alternatives considered as proposed work is renovating and working with existing spaces.
- c. All proposed work is within existing upper areas which are located within the wetland setback. No work, other than tree installation, will occur within the lower area. No work to occur in the wetland nor will any of the proposed work affect the wetland.
- d. No proposed mitigation measures are planned or recommended by the Wetland Consultants (William Kenny Associates).

February 8, 2023; updated 3/4/2024

Mr. Mark Sorosiak RLA, ASLA, Assoc. AIA
BCLA
75 Glen Road Suite 312
Sandy Hook, CT 06482

Re: Wetland and Watercourse Delineation
405 Belden Hill Road, Wilton, Connecticut

Dear Mr. Sorosiak:

As requested, we investigated a portion of the referenced property to determine the presence or absence of wetlands and/or watercourses, to demarcate (flag) the boundaries of wetlands and watercourses identified, and to identify onsite soil types. This letter includes the methods and results of our investigation, which we completed today, February 8, 2023. In summary, one inland wetland and watercourse system was identified and delineated. The system, which extends and flows north to south in the central and western portions of the property, is a lawn and shrubland wetland with a small stream.

Regulatory Definitions

The Inland Wetlands and Watercourses Act (Connecticut General Statutes §22a-38) defines inland wetlands as “land, including submerged land...which consists of any soil types designated as poorly drained, very poorly drained, alluvial, and floodplain.” Watercourses are defined in the act as “rivers, streams, brooks, waterways, lakes, ponds, marshes, swamps, bogs and all other bodies of water, natural or artificial, vernal or intermittent, public or private, which are contained within, flow through or border upon the state or any portion thereof.” The Act defines Intermittent Watercourses as having 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, and C) the presence of hydrophytic vegetation.

Methodology

A second order soil survey in accordance with the principles and practices noted in the USDA publication *Soil Survey Manual* (1993) was completed at the subject site. The classification system of the National Cooperative Soil Survey was used in this investigation. Soil map units identified at the project site generally correspond to those included in the *Soil Survey of the State of Connecticut* (USDA 2005).

Wetland determinations were completed based on the presence of poorly drained, very poorly drained, alluvial, or floodplain soils. Soil types were identified by observation of soil morphology (soil texture, color, structure, etc.). To observe the morphology of the property's soils, test pits and/or borings (maximum depth of two feet) were completed at the site.

Intermittent watercourse determinations were made based on 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, and C) the presence of hydrophytic vegetation.

Wetland boundaries were demarcated (flagged) with pink surveyor's tape (hung from vegetation) or small flags (on wire stakes) labeled "William Kenny Associates" that are generally spaced a maximum of every 50 feet. Complete boundaries are located along the lines that connect these sequentially numbered flags. The wetland boundaries are subject to change until adopted by local, state, or federal regulatory agencies.

Results

The approximate 3.0-acre residential property is located at 405 Belden Hill Road in Wilton, Connecticut. Belden Hill Road borders the eastern property boundary. The investigation was limited to the area shown on the attached map. Property improvements include a single-family residence, an in-ground pool, a septic system and an asphalt and gravel driveway. The primary vegetative cover at the property is lawn with other ornamentals and some shade trees. A shrubland is present in the western portion of the property.

One inland wetland and watercourse system was identified and delineated. The system, which is extends and flows north to south in the central and western portions of the property, is a lawn and shrubland wetland with a small stream. Wetland soils are primarily poorly drained and formed from glacial till deposits or are forming from human altered deposits. The approximate location of the system is shown on the attached map. The boundary of the system was marked at the site with flags numbered 1 to 14.

Three soil map units were identified on the property (two wetland and one upland). Each map unit represents a specific area on the landscape and consists of one or more soils for which the unit is named. Other soils (inclusions that are generally too small to be delineated separately) may account for 10 to 15 percent of each map unit. The mapped units are identified in the following table by name and symbol and typical characteristics (parent material, drainage class, high water table, depth to bedrock, and slope). These characteristics are generally the primary characteristics to be considered in land use planning and management. A description of each characteristic and their land use implications follows the table. A complete description of each soil map unit can be found in the *Soil Survey of the State of Connecticut* (USDA 2005), and at <https://soilseries.sc.egov.usda.gov/osdname.aspx>. On the day of the review, there was two inches or less of soil frost and no snow cover. The upland soil was moist and the wetland soil was wet. The sky was clear and air temperatures were in the 50's ° F.

<u>Sym.</u>	<u>Map Unit</u>	<u>Parent Material</u>	<u>Slope (%)</u>	<u>Drainage Class</u>	<u>High Water Table</u>			<u>Depth To Bedrock (in)</u>
	<u>Name</u>				<u>Depth (ft)</u>	<u>Kind</u>	<u>Mos.</u>	
<u>Upland Soil</u>								
306	Udorthents - Urban Land Complex	Excavated or Filled Soil (>2 feet) Pavement & structures account for 85% or more of the area. Additional investigations required to determine characteristics	0-45	Well Drained to Somewhat Poorly Drained	1.5->6.0	Apparent	Nov-May	>60
<u>Wetland Soil</u>								
1	Aquents	Excavated or Filled Soil (>2 feet)	0-3	Poorly Drained	0.0-1.5	Apparent	Nov-May	>60
2	Ridgebury fine sandy loam	Compact Glacial Till	0-8	Poorly Drained	0.0-1.5	Perched	Nov-May	>60

Parent material is the unconsolidated organic and mineral material in which soil forms. Soil inherits characteristics, such as mineralogy and texture, from its parent material. Glacial till is unsorted, nonstratified glacial drift consisting of clay, silt, sand, and boulders transported and deposited by glacial ice. Glacial outwash consists of gravel, sand, and silt, which are commonly stratified and deposited by glacial melt water. Alluvium is material such as sand, silt, or clay, deposited on land by streams. Organic deposits consist of decomposed plant and animal parts.

A soil's texture affects the ease of digging, filling, and compacting and the permeability of a soil. Generally sand and gravel soils, such as outwash soils, have higher permeability rates than most glacial till soils. Soil permeability affects the cost to design and construct subsurface sanitary disposal facilities and, if too slow or too fast, may preclude their use. Outwash soils are generally excellent sources of natural aggregates (sand and gravel) suitable for commercial use, such as construction sub base material. Organic layers in soils can cause movement of structural footings. Compacted glacial till layers make excavating more difficult and may preclude the use of subsurface sanitary disposal systems or increase their design and construction costs if fill material is required.

Generally, soils with steeper slopes increase construction costs, increase the potential for erosion and sedimentation impacts, and reduce the feasibility of locating subsurface sanitary disposal facilities.

Drainage class refers to the frequency and duration of periods of soil saturation or partial saturation during soil formation. Seven classes of natural drainage classes exist. They range from excessively drained, where water is removed from the soil very rapidly, to very poorly drained, where water is removed so slowly that free water remains at or near the soil surface during most of the growing season. Soil drainage affects the type and growth of plants found in an area. When landscaping or gardening, drainage class information can be used to assure that proposed plants are adapted to existing drainage conditions or that necessary alterations to drainage conditions (irrigation or drainage systems) are provided to assure plant survival.

High water table is the highest level of a saturated zone in the soil in most years. The water table can affect the timing of excavations; the ease of excavating, constructing, and grading; and the supporting capacity of the soil. Shallow water tables may preclude the use of subsurface sanitary disposal systems or increase design and construction costs if fill material is required.

The depth to bedrock refers to the depth to fixed rock. Bedrock depth affects the ease and cost of construction, such as digging, filling, compacting, and planting. Shallow depth bedrock may preclude the use of subsurface sanitary disposal systems or increase design and construction costs if fill material is required.

Conclusions

Today, we investigated a portion of the property at 405 Belden Hill Road in Wilton, Connecticut and identified and delineated one inland wetland and watercourse system. Thank you for the opportunity to assist you. If you should have any questions or comments, please do not hesitate to contact us.

Sincerely,



William L. Kenny, PWS, PLA
Soil Scientist



Alexander Wojtkowiak
Soil Scientist

Enclosure

Ref. No. 5528

SOIL LEGEND

UPLAND

306 UDORTHENTS-URBAN LAND COMPLEX

WETLAND

1 AQUENTS

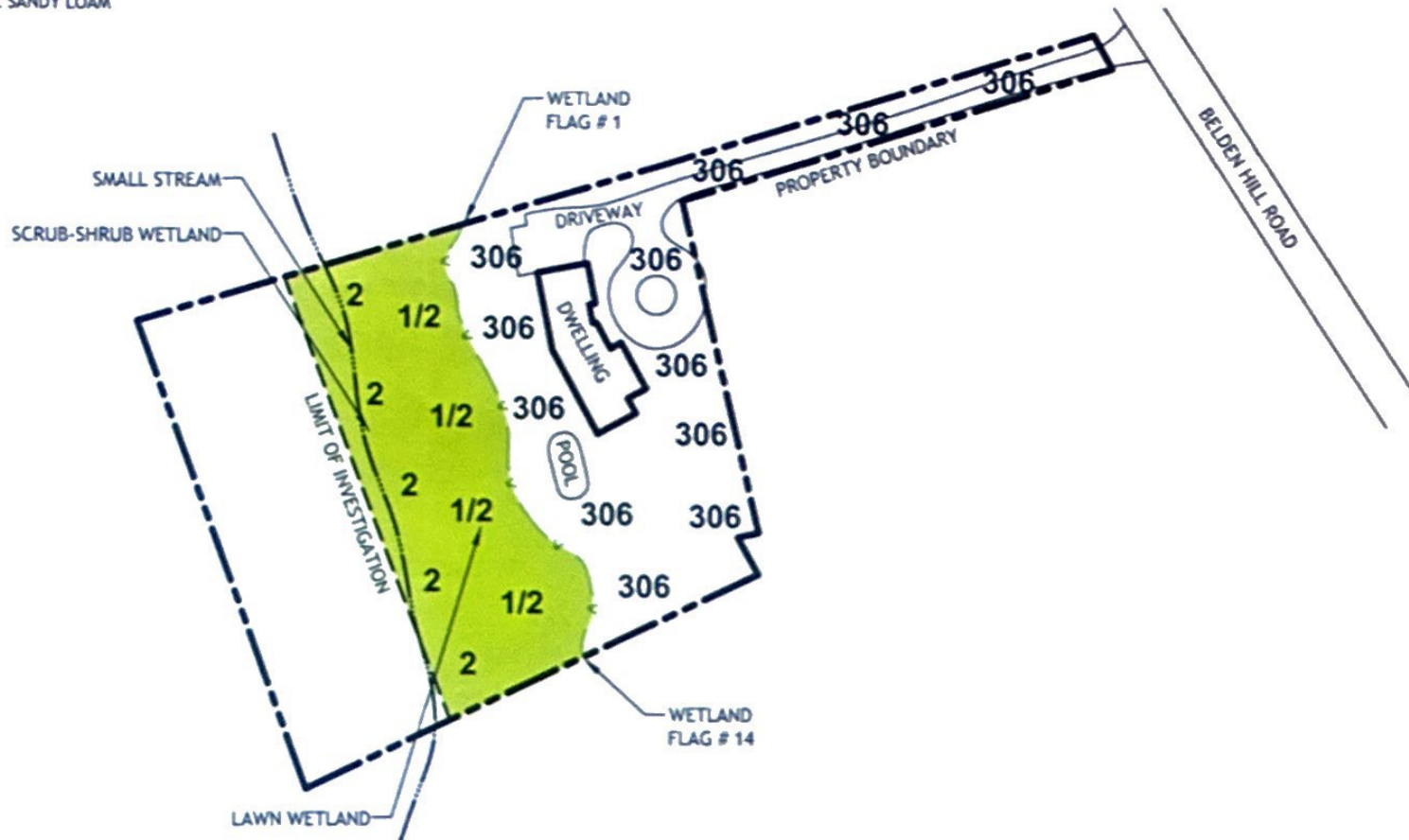
2 RIDGEBURY FINE SANDY LOAM

WILLIAM KENNY ASSOCIATES

LANDSCAPE ARCHITECTURE • ECOLOGICAL SERVICES

1899 Bronson Road Fairfield CT 06824

203 366 0588 www.wkassociates.net



NOTES:

- INFORMATION SHOWN ON THIS DRAWING, INCLUDING THE WETLAND BOUNDARY, IS APPROXIMATE. THE BOUNDARY IS NOT A SURVEYED REPRESENTATION OF WHAT WAS FIELD MARKED (FLAGGED).
- WETLAND AND SOIL INFORMATION PROVIDED BY WILLIAM KENNY ASSOC. OTHER INFORMATION TAKEN FROM A TOWN OF WILTON GIS MAP.
- 306, 1 AND 2 ARE SOIL MAPPING UNIT SYMBOLS. SEE WETLAND DELINEATION REPORT FOR THE SOIL MAP UNIT NAMES AND ADDITIONAL RELATED INFORMATION.

I CERTIFY THAT THIS WETLAND MAP
SUBSTANTIALLY REPRESENTS THE SOILS
AND WETLANDS MAPPED IN THE FIELD

William L. Kenny
WILLIAM L. KENNY, SOIL SCIENTIST

WETLAND & WATERCOURSE MAP

405 BELDEN HILL ROAD
WILTON, CONNECTICUT

SCALE: NOT TO SCALE
DATE: FEBRUARY 8, 2023

Ref. No. 5528



PLANNED FILL MATERIAL TO BE USED IN REGULATED AREA:

- NO BORROWED FILL WILL BE USED FOR THE PROPOSED SITE IMPROVEMENTS. ANY FILL USED WOULD BE FROM SOILS / MATERIALS GENERATED FROM PROPOSED SITE IMPROVEMENTS.
- PER THE ATTACHED REPORT FROM THE SOILS SCIENTIST (WILLIAM KENNY ASSOC.) THE GENERATED FILL WOULD BE 'UDORTHENTS / EXCAVATED OR FILLED SOIL / WELL DRAINED TO SOMEWHAT POORLY DRAINED'

