

# Killingly Engineering Associates

## Civil Engineering & Surveying



P.O. Box 421 Killingly, CT 06241  
Phone: 860-779-7299  
www.killingengineering.com

November 15, 2023

### Proposed In-Law Apartment

*Samantha J. Menghi*  
*476 Bailey Hill Road*  
*Killingly, CT*

### APPLICATION PACKAGE CONTENTS – Inland Wetlands

1. Application fee:

\$100.00 (base fee)

\$ 60.00 (State fee)

\$160.00 Total Fee

2. 3- full sized sets of plans & 1- 11 x 17 reduction set – Dated: 9/14/2023
3. Inland Wetlands Application
4. List of adjacent land owners including across the street
5. DEEP Reporting Form
6. GIS mapping



NOV 28 2023

PLANNING DEPT.  
KILLINGLY, CT

Property within 500' of adjoining Town boundary? \_\_\_\_\_  
If so, which town(s)? \_\_\_\_\_  
Date the notice was sent by KIWWC to town clerk of adjoining municipality(ies) \_\_\_\_\_  
Receipt date of copy of Applicants notice to adjoining municipality \_\_\_\_\_

Application #: 23-1579  
Date Submitted: 11-28-23  
Date of Receipt by Comm.: \_\_\_\_\_  
Fee: 1100 pd CLK#11507 11-28-23  
Staff Initials: \_\_\_\_\_

**KILLINGLY INLAND WETLANDS & WATERCOURSES COMMISSION APPLICATION**

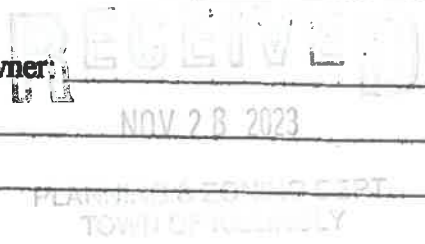
A \$100.00 base fee (or, for a proposed subdivision, \$100.00 per lot, whichever is greater) plus \$40.00 state fee must accompany each application (Total fee: \$140.00). THIS FEE IS NON-REFUNDABLE. Checks or money orders should be made payable to the Town of Killingly. Public hearing fee: \$225.00 required in addition to the above fees if a public hearing is required by the commission(s) and not already included.

**TO BE COMPLETED BY THE APPLICANT - PLEASE PRINT**

Applicant's Name: Samantha J. Menghi  
Day Phone #: 860-232-6217 Evening Phone #: \_\_\_\_\_  
Mailing Address: PO Box 339  
Owner of Record: Samantha J. Menghi  
Mailing Address: SAME Phone #: SAME

Applicant's interest in the land if the applicant is not the property owner: \_\_\_\_\_

Authorization of property owner: \_\_\_\_\_



**LOCATION OF PROPERTY:**

House # and Street: 476 Bailey Hill Road  
Tax Map Number: 170 Block: \_\_\_\_\_ Lot: 12.2  
Zoning District: RD Lot Size: 2.533 Acres Lot Frontage: 358.34  
Easements and/or deed restrictions: NONE

**PURPOSE:**

Provide the purpose and description of the proposed activity, including a list of all proposed regulated activities.

Proposed construction of an in-law apartment WITH NEW WELL & EXISTING SEPTIC SYSTEM WITH ACTIVITY IN THE UPLAND REVIEW.

**ON-SITE WETLANDS AND WATERCOURSES:**

Windham County wetland soil types and areas of each type: Approx ± 19,000 SF of  
CATDEN & FRANKTOWN SOILS

Watercourse(s) – type (pond, stream, marsh, bog, drainage ditch, etc.), manmade or natural, and area of each:

Marsh

**ALTERNATIVES:**

List alternatives considered by the applicant and state why the proposal to alter wetlands as set forth in the application is necessary and was chosen:

No Wetlands Will Be Altered

**MATERIALS:**

Provide the volume (cubic yard) and nature of materials to be deposited and/or extracted:

No Materials Will Be Deposited or Extracted in Wetlands

**MITIGATIVE MEASURES:**

List measures to be taken to minimize or avoid any adverse impact on the regulated area:

Silt Fence

**BIOLOGICAL EVALUATION:**

Describe the ecological communities and functions of the wetlands or watercourses involved with the application and the effects of the proposed regulated activities on these communities and wetland functions:

Groundwater Recharge & Discharge, Sediment Retention,  
Amphibian & Bird Habitat

**SITE PLAN\*:**

Scale 1"=40' showing existing and proposed conditions in relation to wetlands and water courses to include, but not be limited to:

Contours

Buildings

Wells

Driveways

Septic Systems

Drainage Systems (Including Culverts, Footing and Curtain Drains)

Erosion and Sedimentation controls

Wetlands

Watercourses

Areas of Excavation and /or Material Deposit

*\*Refer to Section 6.0 – Application Information Requirements and Section 7.0 – Application Evaluation Criteria of the Killingly Inland Wetlands & Watercourses Commission Regulations for information the Commission may require. Professionally prepared plans (Licensed Land Surveyor/Professional Engineer registered in the State of Connecticut, Soil Scientist) may be required for significant activities.*

**ADDITIONAL INFORMATION:**

List additional information submitted by the applicant:

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The applicant understands that this application is to be considered complete only when all information and documents required by the Commission have been submitted. The undersigned warrants the truth of all statements contained herein and in all supporting documents according to the best of his/her knowledge and belief. Permission is granted to the Town of Killingly, Killingly Inland Wetlands & Watercourses Commission, and its agent (s) to walk the land, at reasonable times, and perform those tests necessary to properly review the application, both before and after a final decision has been issued.

Applicant's Signature: Sandra Brugh

Date: 11/15/2023

Owner of Record: Sandra Brugh

Date: 11/15/2023

**LIST OF AJACENT LAND OWNERS INCLUDING ACROSS THE STREET**

***WILLIAM MENGHI  
BAILEY HILL ROAD  
KILLINGLY, CT***

*JOB NO. 16090*

| MAP/LOT  | NAME  |
|----------|---|
| 165/11   | JASON ROBERT & VALERIE SMITH<br>495 BAILEY HILL RD<br>KILLINGLY, CT 06241         |
| 170/10.3 | VALENCIA JN BAPTISTE<br>489 BAILEY HILL RD<br>KILLINGLY, CT 06241                 |
| 170/10.2 | ANDREW M. HORN & ALEXANDRA L. BRIDEN<br>471 BAILEY HILL RD<br>KILLINGLY, CT 06241 |
| 170/10.1 | BENJAMIN M & SHANNA N STEELE<br>465 BAILEY HILL RD<br>KILLINGLY, CT 06241         |
| 170/13   | RUSSELL R III & RHONDA L GRANT<br>458 BAILEY HILL RD<br>KILLINGLY, CT 06241       |
| 170/13.1 | LAURIE J CERBO<br>162 LEDGE RD<br>KILLINGLY, CT 06241                             |



## Statewide Inland Wetlands & Watercourses Activity Reporting Form

Please complete this form in accordance with the instructions on pages 2 and 3 and mail to:

DEEP Land & Water Resources Division, Inland Wetlands Management Program, 79 Elm Street, 3<sup>rd</sup> Floor, Hartford, CT 06106

Incomplete or incomprehensible forms will be mailed back to the inland wetlands agency.

### PART I: Must Be Completed By The Inland Wetlands Agency

- DATE ACTION WAS TAKEN: year: \_\_\_\_\_ month: \_\_\_\_\_
- ACTION TAKEN (see instructions - one code only): \_\_\_\_\_
- WAS A PUBLIC HEARING HELD (check one)? yes  no
- NAME OF AGENCY OFFICIAL VERIFYING AND COMPLETING THIS FORM:  
(print name) \_\_\_\_\_ (signature) \_\_\_\_\_

### PART II: To Be Completed By The Inland Wetlands Agency Or The Applicant

- TOWN IN WHICH THE ACTIVITY IS OCCURRING (print name): Killingly  
does this project cross municipal boundaries (check one)? yes  no   
if yes, list the other town(s) in which the activity is occurring (print name(s)): \_\_\_\_\_
- LOCATION (see instructions for information): USGS quad name: East Killingly or number: 44  
subregional drainage basin number: \_\_\_\_\_
- NAME OF APPLICANT, VIOLATOR OR PETITIONER (print name): Samantha J. Menghi
- NAME & ADDRESS OF ACTIVITY / PROJECT SITE (print information): 476 Bailey Hill Road  
briefly describe the action/project/activity (check and print information): temporary  permanent  description: Proposed  
construction of in-law apartment
- ACTIVITY PURPOSE CODE (see instructions - one code only): A
- ACTIVITY TYPE CODE(S) (see instructions for codes): 1, 2, 12, 14
- WETLAND / WATERCOURSE AREA ALTERED (see instructions for explanation, must provide acres or linear feet):  
wetlands: 0 acres open water body: 0 acres stream: 0 linear feet
- UPLAND AREA ALTERED (must provide acres): 0.81± acres
- AREA OF WETLANDS / WATERCOURSES RESTORED, ENHANCED OR CREATED (must provide acres): 0 acres

DATE RECEIVED:

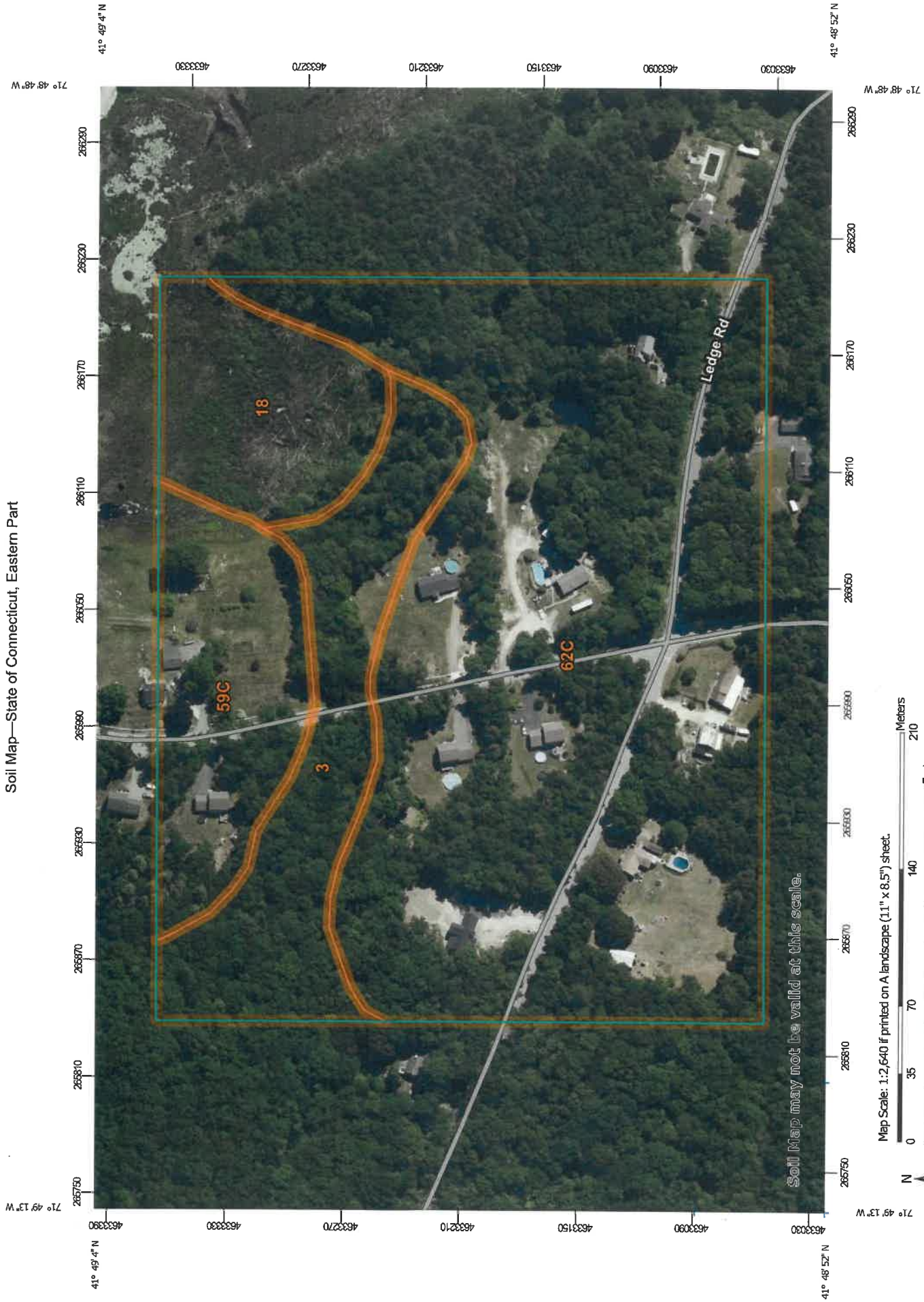
### PART III: To Be Completed By The DEEP

DATE RETURNED TO DEEP:

FORM COMPLETED: YES NO

FORM CORRECTED / COMPLETED: YES NO

Soil Map—State of Connecticut, Eastern Part



Soil Map may not be valid at this scale.

Map Scale: 1:2,640 if printed on A landscape (11" x 8.5") sheet.

Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 19N WGS84








































Natural Resources  
Conservation Service

Web Soil Survey  
National Cooperative Soil Survey

11/15/2023  
Page 1 of 3

## MAP LEGEND

-  Area of Interest (AOI)
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- 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, Eastern Part  
 Survey Area Data: Version 1, Sep 15, 2023

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

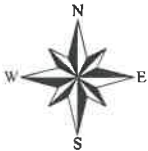
Date(s) aerial images were photographed: Jun 14, 2022—Jul 1, 2022

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.



## Map Unit Legend

| Map Unit Symbol                    | Map Unit Name   | Acres in AOI | Percent of AOI |
|------------------------------------|---|--------------|----------------|
| 3                                  | Ridgebury, Leicester, and Whitman soils, 0 to 8 percent slopes, extremely stony | 4.3          | 14.5%          |
| 18                                 | Catden and Freetown soils, 0 to 2 percent slopes                                | 2.8          | 9.5%           |
| 59C                                | Gloucester gravelly sandy loam, 3 to 15 percent slopes, extremely stony         | 3.5          | 11.7%          |
| 62C                                | Canton and Charlton fine sandy loams, 3 to 15 percent slopes, extremely stony   | 19.0         | 64.3%          |
| <b>Totals for Area of Interest</b> |   | <b>29.5</b>  | <b>100.0%</b>  |



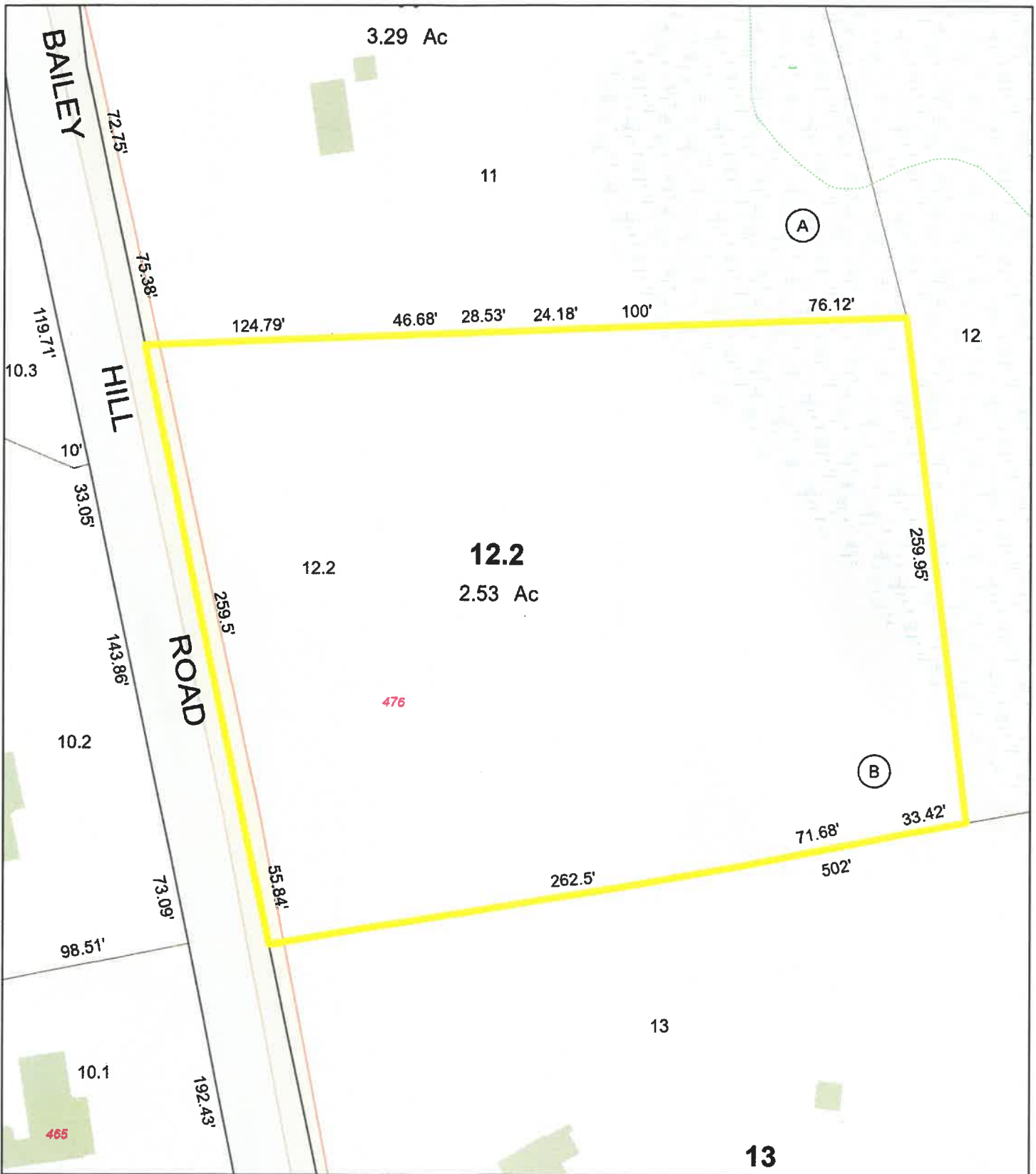
Town of Killingly, CT

1 inch = 71 Feet



www.cai-tech.com

November 15, 2023



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