Brooklyn Inland Wetlands
Commission
P.O. Box 356
Brooklyn, Connecticut 06234

CEASE AND DESIST ORDER

June 11, 2020

William and Kathie Perron
319 Hartford Pike
Dayville, CT 06241-1427

Re: Violation of Inland Wetlands and Watercourses Regulations at Woodward Road, Map 18 Lot 28, Brooklyn, CT

Mr. and Mrs. Perron:

You are hereby required to immediately **CEASE AND DESIST** from all site work within 175 feet of Blackwell Brook on your property at **Woodward Road (Assessors Map 18/ Lot 28).**

On 6/10/2020, the Town of Brooklyn Inland Wetlands and Watercourses Commission (IWWC) directed me to enter the subject property and to tape this Cease and Desist Order to the machine on the subject property in response to 2 complaints received.

It appears that you are mining gravel within 20 feet, more or less, of Blackwell Brook. Please refer to the attached photographs.

Mining gravel within close proximity to a wetland or watercourse without a permit from the IWWC is a violation of the Inland Wetland and Watercourse Regulations of the Town of Brooklyn.

Please refer to the attached copy of the CT Wetlands Statutes, Section 22a – 44(b) which enables municipalities to assess civil penalties for violations.

Please refer to the attached copy of Section 6 of the Town of Brooklyn IWWC Regulations, which states that any person violating provisions of these regulations shall be subject to enforcement proceedings and penalties.

The IWWC may require that you restore the altered area to a stabilized condition.

You are hereby required to contact me immediately at (860) 779-3411, ext. 31 to submit a restoration plan including loaming, seeding and mulching all disturbed areas within 175 feet of Blackwell Brook, in order to begin the process of coming into compliance with the Inland Wetland and Watercourse Regulations. If I do not answer the phone when you call, leave a phone number at which you can be contacted.

Sincerely,

Margaret Washburn

Margaret Washburn
Brooklyn Wetlands Enforcement Officer

CC: Town Counsel

its inland wetlands regulations, or (2) for which an approval is required under sections 22a-36 to 22a-45, inclusive, and for which such approval has not been obtained.

(b) Any person who commits, takes part in, or assists in any violation of any provision of sections 22a-36 to 22a-45, inclusive, including regulations adopted by the commissioner and ordinances and regulations promulgated by municipalities or districts pursuant to the grant of authority herein contained, shall be assessed a civil penalty of not more than one thousand dollars for each offense. Each violation of said sections shall be a separate and distinct offense, and, in the case of a continuing violation, each day's continuance thereof shall be deemed to be a separate and distinct offense. The Superior Court, in an action brought by the commissioner, municipality, district or any person, shall have jurisdiction to restrain a continuing violation of said sections, to issue orders directing that the violation be corrected or removed and to assess civil penalties pursuant to this section. All costs, fees and expenses in connection with such action shall be assessed as damages against the violator together with reasonable attorney's fees which may be allowed, all of which shall be awarded to the commissioner, municipality, district or person which brought such action. All penalties collected pursuant to this section shall be used solely by the Commissioner of Energy and Environmental Protection (1) to restore the affected wetlands or watercourses to their condition prior to the violation, wherever possible, (2) to restore other degraded wetlands or watercourses, (3) to inventory or index wetlands and watercourses of the state, or (4) to implement a comprehensive training program for inland wetlands agency members.

(c) Any person who wilfully or knowingly violates any provision of sections 22a-36 to 22a-45, inclusive, shall be fined not more than one thousand dollars for each day during which such violation continues or be imprisoned not more than six months or both. For a subsequent violation, such person shall be fined not more than two thousand dollars for each day during which such violation continues or be imprisoned not more than one year or both. For the purposes of this subsection, "person" shall be construed to include any responsible corporate officer.

(1972, P.A. 155, S. 9; P.A. 75-387, S. 2; P.A. 76-330; P.A. 77-599, S. 4, 7; P.A. 81-125, S. 1; P.A. 87-338, S. 9, 11; P.A. 95-151, S. 2; 95-218, S. 13, 24; P.A. 96-269, S. 2; P.A. 11-80, S. 1.)

History: P.A. 75-387 made previous provisions Subsec. (b) and inserted new Subsec. (a) re orders issued upon discovery of violation of Secs. 22a-36 to 22a-45 or regulations of inland wetlands agency; P.A. 76-330 allowed assessment of attorneys fees against violator and required that all costs, etc. be awarded to the initiator of the action; P.A. 77-599 amended Subsec. (a) to allow issuance of orders to cease an activity as well as orders to correct facilities or conditions; P.A. 81-125 amended Subsec. (a) to authorize

Section 6

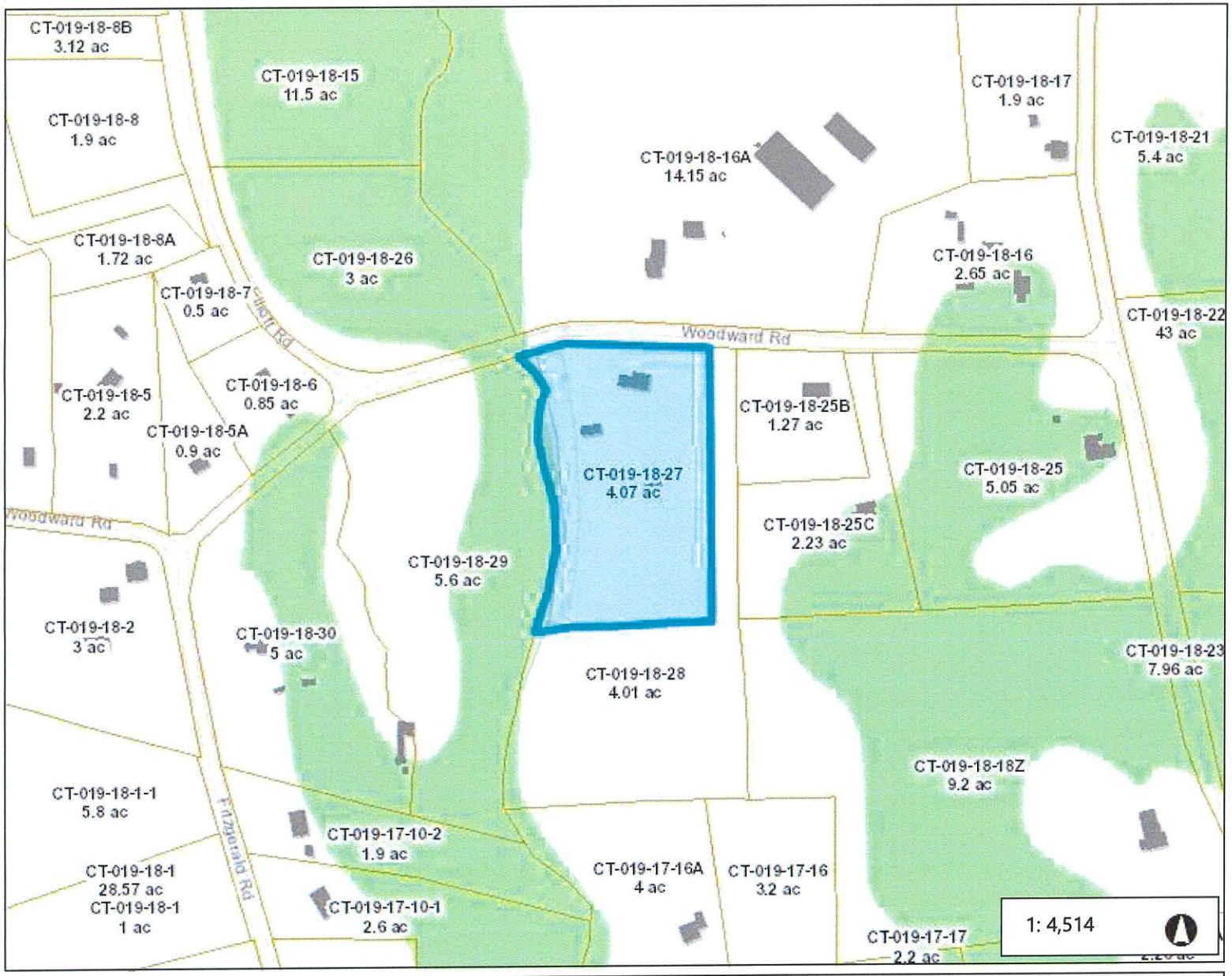
Regulated Activities to be Licensed

6.1 No person shall conduct or maintain a regulated activity without first obtaining a permit for such activity from the Brooklyn Inland Wetlands and Watercourses Commission of the Town of Brooklyn.

6.2 Any person found to be conducting or maintaining a regulated activity without the prior authorization of the Commission, or violating any other provision of these regulations, shall be subject to the enforcement proceedings and penalties prescribed in section 14 of these regulations and any other remedies as provided by law.

neccog

Neccog GIS Site



Legend

- Town
- Buildings 2012
- Parcels
- Wetlands
  - Alluvial and Floodplain Soils
  - Poorly Drained and Very Poorly Dra

Notes

41 Woodward Road
Elizabeth Mongirdas

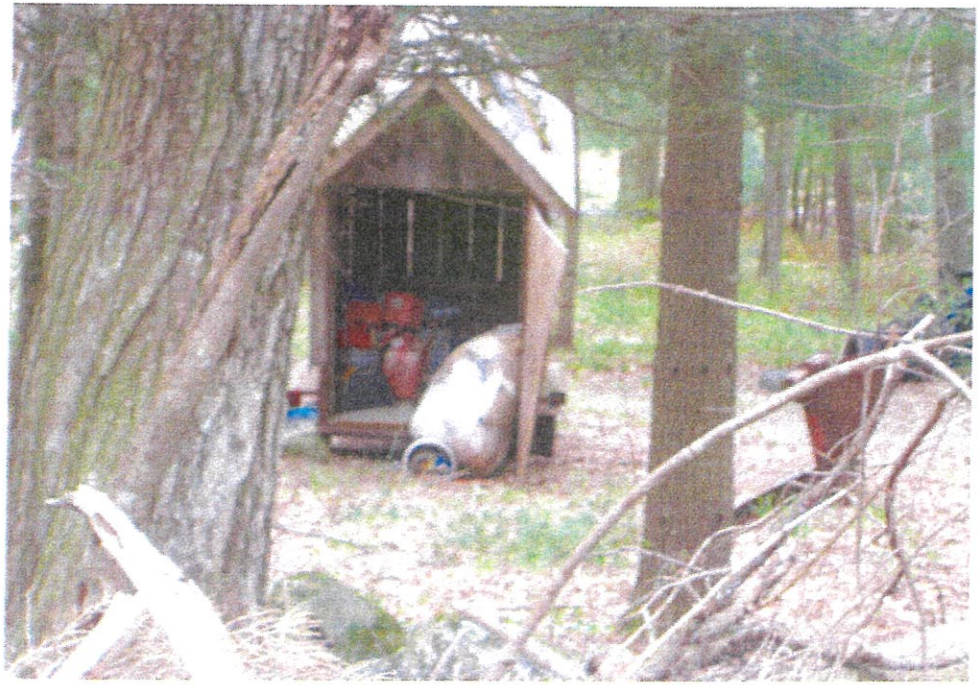
0.1 0 0.07 0.1 Miles

WGS_1984_Web_Mercator_Auxiliary_Sphere

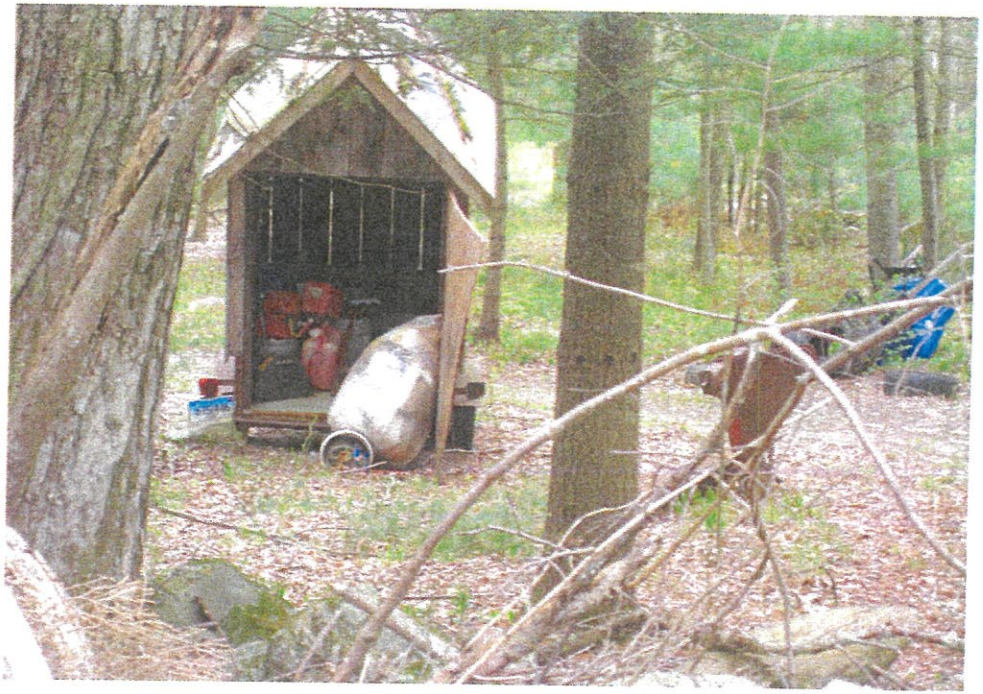
© Latitude Geographics Group Ltd.

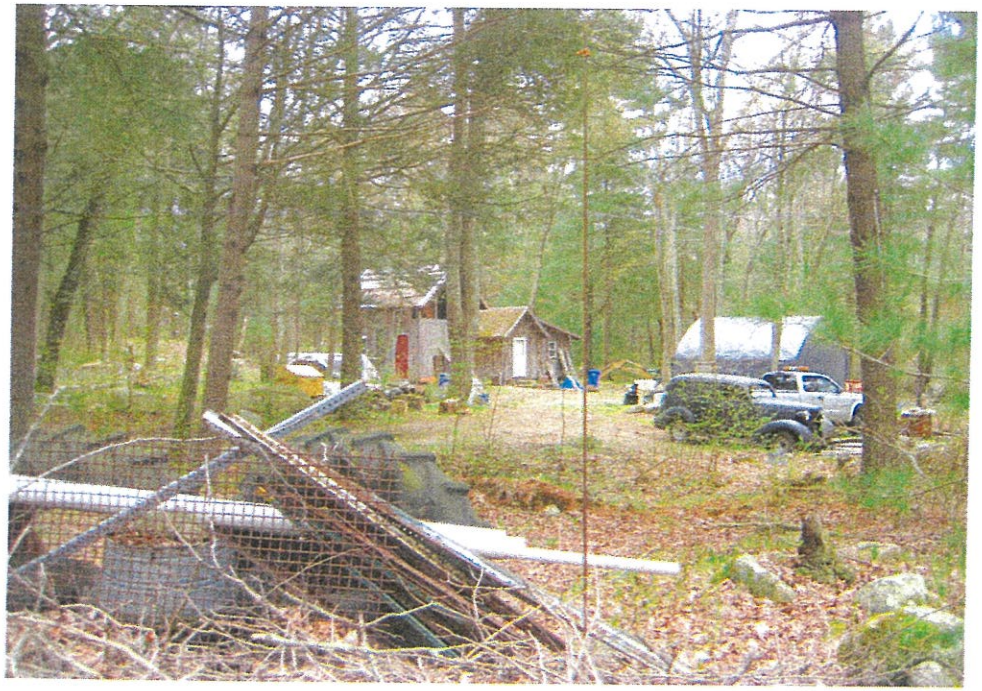
This map is a user generated static output from an Internet mapping site and is for reference only. Data layers that appear on this map may or may not be accurate, current, or otherwise reliable.

THIS MAP IS NOT TO BE USED FOR NAVIGATION



Mining 20 ft +/- from Blackwell Brook





Brooklyn Inland Wetlands
Commission
P.O. Box 356
Brooklyn, Connecticut 06234

CEASE AND DESIST ORDER

William Perron
319 Hartford Pike
Dayville, CT 06241-1427

July 2, 2020

Re: Violation of the Town of Brooklyn Inland Wetlands and Watercourses Regulations at Woodward Road (Map 18 Lot 28) Brooklyn, CT.

Mr. Perron:

You are hereby required to CEASE AND DESIST from all site work affecting the wetlands and/or or watercourses at your property at Woodward Road (Assessors Map 18/ Lot 28). On 7/1/2020, Inland Wetlands and Watercourses Commission (IWWC) Chairman, Jeff Arends and I inspected the subject property in response to complaints received. We observed and took photographs showing that excavation of gravel has been ongoing within approximately twenty feet of Blackwell's Brook. The gravel has been spread in the 175-foot Upland Review Area. No erosion/sediment controls were in place. No permit for this work in the 175-foot has been issued by the Brooklyn Inland Wetlands and Watercourses Commission (IWWC).

The gravel excavation in the 175-foot Upland Review Area without a permit from the IWWC is a violation of the Town of Brooklyn Inland Wetlands and Watercourses Regulations.

Please refer to the attached copy of the CT Wetlands Statutes, Section 22a – 44(b) which enables municipalities to assess civil penalties for violations.

Please refer to the attached copy of Section 6 of the Town of Brooklyn IWWC Regulations, which states that any person violating provisions of these regulations shall be subject to enforcement proceedings and penalties.

The IWWC may require that you install erosion/sediment controls and that you stabilize all the disturbed areas in the Upland Review Area using loam, seed, and mulch.

You are hereby required to call in to the IWWC Webex meeting at 6:00 p.m. on Tuesday, July 14 at 6:00 p.m. At that meeting, a hearing will take place to provide you the opportunity to be heard and show cause why the Cease and Desist Order should not remain in effect. Instructions for calling in to the hearing are below:

To join this meeting via the web or phone, follow the below instructions:

Web
www.webex.com
On the top right, click Join
Enter meeting information: 129 006 7568
Enter meeting password: RmK4FeeHH82
Click join meeting

Phone
Dial 1-408-418-9388
Enter meeting number 129 006 7568
You can bypass attendee number by pressing #

Issued by:

Margaret Washburn

Margaret Washburn
Brooklyn Wetlands Enforcement Officer

CC: Rick Ives, Town Counsel - Peter Alter

its inland wetlands regulations, or (2) for which an approval is required under sections 22a-36 to 22a-45, inclusive, and for which such approval has not been obtained.

(b) Any person who commits, takes part in, or assists in any violation of any provision of sections 22a-36 to 22a-45, inclusive, including regulations adopted by the commissioner and ordinances and regulations promulgated by municipalities or districts pursuant to the grant of authority herein contained, shall be assessed a civil penalty of not more than one thousand dollars for each offense. Each violation of said sections shall be a separate and distinct offense, and, in the case of a continuing violation, each day's continuance thereof shall be deemed to be a separate and distinct offense. The Superior Court, in an action brought by the commissioner, municipality, district or any person, shall have jurisdiction to restrain a continuing violation of said sections, to issue orders directing that the violation be corrected or removed and to assess civil penalties pursuant to this section. All costs, fees and expenses in connection with such action shall be assessed as damages against the violator together with reasonable attorney's fees which may be allowed, all of which shall be awarded to the commissioner, municipality, district or person which brought such action. All penalties collected pursuant to this section shall be used solely by the Commissioner of Energy and Environmental Protection (1) to restore the affected wetlands or watercourses to their condition prior to the violation, wherever possible, (2) to restore other degraded wetlands or watercourses, (3) to inventory or index wetlands and watercourses of the state, or (4) to implement a comprehensive training program for inland wetlands agency members.

(c) Any person who wilfully or knowingly violates any provision of sections 22a-36 to 22a-45, inclusive, shall be fined not more than one thousand dollars for each day during which such violation continues or be imprisoned not more than six months or both. For a subsequent violation, such person shall be fined not more than two thousand dollars for each day during which such violation continues or be imprisoned not more than one year or both. For the purposes of this subsection, "person" shall be construed to include any responsible corporate officer.

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History: P.A. 75-387 made previous provisions Subsec. (b) and inserted new Subsec. (a) re orders issued upon discovery of violation of Secs. 22a-36 to 22a-45 or regulations of inland wetlands agency; P.A. 76-330 allowed assessment of attorneys fees against violator and required that all costs, etc. be awarded to the initiator of the action; P.A. 77-599 amended Subsec. (a) to allow issuance of orders to cease an activity as well as orders to correct facilities or conditions; P.A. 81-125 amended Subsec. (a) to authorize

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Brooklyn Inland Wetlands
Commission
P.O. Box 356
Brooklyn, Connecticut 06234

CEASE AND DESIST ORDER

Kathie Perron
19 Carter Street, Apartment B
Danielson, CT 06239

June 17, 2020

Re: Violation of Inland Wetlands and Watercourses Regulations at Woodward Road, Map 18 Lot 28, Brooklyn, CT

Ms. Perron:

You are hereby required to immediately **CEASE AND DESIST** from all site work within 175 feet of Blackwell Brook on your property at **Woodward Road (Assessors Map 18/ Lot 28).**

On 6/10/2020, the Town of Brooklyn Inland Wetlands and Watercourses Commission (IWWC) directed me to enter the subject property and to tape this Cease and Desist Order to the machine on the subject property in response to 2 complaints received.

It appears that you are mining gravel within 20 feet, more or less, of Blackwell Brook. Please refer to the attached photographs.

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Sincerely,

Margaret Washburn

Margaret Washburn
Brooklyn Wetlands Enforcement Officer

CC: Town Counsel

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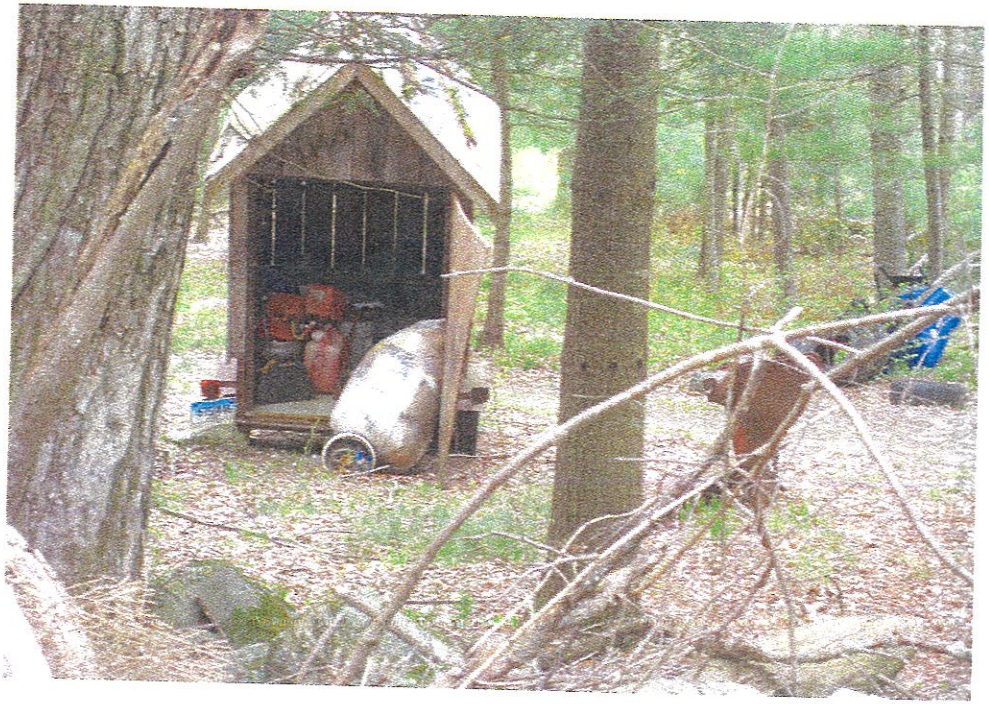

Brooklyn Land Use Department

69 South Main Street
Brooklyn CT 06234
(860) 779-3411 x 31

Bill will move pile of debris near neighbor's & give me an update by 7/21 regarding site cleanup.

Inland Wetlands ✓ Zoning Enforcement ✓ Blight Enforcement ✓

SITE INSPECTION NUMBER (1) 2 3 4 5

Map 18/ Lot 28 Woodward Rd — Address

7/1/2020 — Date

1937 Chevy under tarp will remain.
Black chevy pickup unreg. will leave Sat.
Bill Perron says he is at the Dayville Address, works for Frito Lay. Bill intends to put a new roof on the wooden trailer w/ plate CT 675-446. Bill wants to take gravel out near the brook so he can put a kayak in. I asked Jeff Arends what sort of plan would be needed. Delineation and a plan would be needed. An estimate of amount of material to be removed. Would need E+S plan. Blue Hond Civic CT plate 870ZFU is reg/ins. according to Bill. Scaffolding is up on the 2-story building - Bill is replacing the roof. The other bldg is one-story. Jeff expressed concern about exposed soils being apparently on the edge of wetland near Blackwell's brook near the car shelter. Silver Dodge Dakota has no plate altho' Bill says is registered. C 183583 - is the plate he showed us on it

Commission Representative M Washburn

Owner or Authorized Signature Tires are used for wood processing.

There is an old excavated area where house was supposed to be built. Trees + shrubs have grown in it.

89 Lakewood Circle North ← mail wetlands appln to
Manchester CT 06040

☐ Check was any gravel removal permit recorded.

RECEIVED

JUL 1 3 2020

INLAND WETLANDS & WATERCOURSES COMMISSION
TOWN OF BROOKLYN, CONECTICUT

Date 7/7/20

Application # 071420C

APPLICATION -- INLAND WETLANDS & WATERCOURSES

Applicant PERRON Mailing Address 319 HARTFORD PIKE DAYVILLE, CT. 0624
Applicant's Interest in Property OWNER Phone 860-455-3995 Email

Property Owner if different Phone
Mailing Address Email

Engineer/Surveyor (if any)
Attorney (if any)

Property Location/Address MAP 18/LOT 20 WOODWARD RD. BROOKLYN
Map # 18 Lot # 20 Zone Total Acres 4 Acres of Wetlands on property ?

Purpose and Description of the Activity BREAK DOWN BANK TO PROVIDE ACCESS TO BROOK & USE GRAVEL ON PROPERTY

Wetlands Excavation and Fill:
Fill Proposed IT SELF Cubic Yds ? Sq Ft ?
Excavation Proposed Cubic Yds Sq Ft
Location where material will be placed: On Site ✓ Off Site
Total Regulated Area altered: Sq Ft Acres

?

Explain alternatives considered (required): NONE

Mitigation Measures (if required): Wetlands/watercourses created: CY SQFT Acres

Is parcel located within 500ft of an adjoining Town? NO If yes, which Town(s)
Is the activity located within the watershed of a water company as defined in CT General Statutes 25-32a? NO

The owner and applicant hereby grant the Brooklyn IWWC, the Board of Selectman and their Authorized Agents permission to enter the subject property for the purpose of inspection and enforcement of the IWWC Regulations of the Town of Brooklyn. If the Commission determines that outside review is required, applicant will pay consulting fee.

Note: Determination that the information provided is inaccurate may invalidate the IWWC decision and result in enforcement action.

Applicant: BILL PERRON Date 7/7/20

Owner: BILL PERRON Date 7/7/20

Revised 10/26/16

REQUIREMENTS

_____ APPLICATION FEE $_____ STATE FEE ($60.00) _____

_____ COMPLETION OF CT DEEP REPORTING FORM

_____ ORIGINAL PLUS COPIES OF ALL MATERIALS REQUIRED - **NUMBER TO BE DETERMINED BY STAFF**

_____ PRE-APPLICATION MEETING WITH THE WETLANDS AGENT IS RECOMMENDED TO EXAMINE THE SCOPE OF THE ACTIVITY

_____ SITE PLAN SHOWING LOCATION OF THE WETLANDS WITH EXISTING AND PROPOSED CONDITIONS. APPLICANT MAY BE REQUIRED TO HAVE A CERTIFIED **SOIL SCIENTIST IDENTIFY THE WETLANDS.**

_____ COMPLIANCE WITH THE CONNECTICUT EROSION & SEDIMENTATION CONTROL MANUAL

_____ IF THE PROPOSED ACTIVITY IS DEEMED TO BE A "SIGNIFICANT IMPACT ACTIVITY" A PUBLIC HEARING IS REQUIRED ALONG WITH THE FOLLOWING INFORMATION:

- NAMES AND ADDRESSES OF ABUTTING PROPERTY OWNERS
- ADDITIONAL INFORMATION AS CONTAINED IN IWWC REGULATIONS ARTICLE 7.6

ADDITIONAL INFORMATION/ACTION NEEDED:

_____

_____

_____

OTHER APPLICATIONS MAY BE REQUIRED. CONTACT THESE AGENCIES FOR FURTHER INFORMATION:

APPLICATION TO STATE OF CONNECTICUT DEEP
INLAND WATER RESOURCES DIVISION
79 ELM ST.
HARTFORD, CT. 06106
1-860-424-3019

DEPARTMENT OF THE ARMY CORPS OF ENGINEERS
696 VIRGINIA ROAD
CONCORD, MA. 01742
1-860-343-4789

STAFF USE ONLY:

_____ DECLARATORY RULING: AS OF RIGHT & NON-REGULATED USES (SEE IWWC REGULATIONS SECTION 4)

_____ PERMIT REQUIRED:

_____ AUTHORIZED BY STAFF/CHAIR (NO ACTIVITY IN WETLANDS/WATERCOURSE AND MINIMAL IMPACT)

_____ _____
CHAIR, BROOKLYN IWWC WETLANDS OFFICER

_____ AUTHORIZED BY IWWC

_____ SIGNIFICANT ACTIVITY/PUBLIC HEARING

_____ NO PERMIT REQUIRED

_____ OUTSIDE OF UPLAND REVIEW AREA

_____ NO IMPACT

_____ _____
CHAIR, BROOKLYN IWWC WETLANDS OFFICER

_____ TIMBER HARVEST

Connecticut Department of
ENERGY & ENVIRONMENTAL PROTECTION

GIS CODE #: ___ ___ ___ ___ ___ ___ ___ ___ ___
For DEEP Use Only

79 Elm Street • Hartford, CT 06106-5127 www.ct.gov/deep Affirmative Action/Equal Opportunity Employer

Statewide Inland Wetlands & Watercourses Activity Reporting Form

Please complete and mail this form in accordance with the instructions on pages 2 and 3 to:
DEEP Land & Water Resources Division, Inland Wetlands Management Program, 79 Elm Street, 3rd 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

1. DATE ACTION WAS TAKEN: year: _____ month: _____
2. ACTION TAKEN (see instructions, only use one code): _____
3. WAS A PUBLIC HEARING HELD (check one)? yes ☐ no ☐
4. 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

5. TOWN IN WHICH THE ACTION IS OCCURRING (print name): _____
   does this project cross municipal boundaries (check one)? yes ☐ no ☐
   if yes, list the other town(s) in which the action is occurring (print name(s)): _____, _____
6. LOCATION (see instructions for information): USGS quad name: _____ or number: _____
   subregional drainage basin number: _____
7. NAME OF APPLICANT, VIOLATOR OR PETITIONER (print name): _____
8. NAME & ADDRESS / LOCATION OF PROJECT SITE (print information): _____
   briefly describe the action/project/activity (check and print information): temporary ☐ permanent ☐ description: _____
   _____
9. ACTIVITY *PURPOSE* CODE (see instructions, only use one code): _____
10. ACTIVITY *TYPE* CODE(S) (see instructions for codes): _____, _____, _____, _____
11. WETLAND / WATERCOURSE AREA ALTERED (must provide acres or linear feet):
    wetlands: _____ acres open water body: _____ acres stream: _____ linear feet
12. UPLAND AREA ALTERED (must provide acres): _____ acres
13. AREA OF WETLANDS / WATERCOURSES RESTORED, ENHANCED OR CREATED (must provide acres): _____ acres

PART III: To Be Completed By The DEEP

DATE RECEIVED:

DATE RETURNED TO DEEP:

FORM COMPLETED: YES NO

FORM CORRECTED / COMPLETED: YES NO

Connecticut Department of
ENERGY &
ENVIRONMENTAL
PROTECTION

79 Elm Street • Hartford, CT 06106-5127 www.ct.gov/deep Affirmative Action/Equal Opportunity Employer

STATEWIDE INLAND WETLANDS & WATERCOURSES ACTIVITY REPORTING FORM

Pursuant to section 22a-39(m) of the General Statutes of Connecticut and section 22a-39-14 of the Regulations of Connecticut State Agencies, inland wetlands agencies must complete the Statewide Inland Wetlands & Watercourses Activity Reporting Form for **each** action taken by such agency.

This form may be made part of a municipality's inland wetlands application package. If the municipality chooses to do this, it is recommended that a copy of the Town and Quadrangle Index of Connecticut and a copy of the municipality's subregional drainage basin map be included in the package.

Please remember, the inland wetlands agency is responsible for ensuring that the information provided is **accurate** and that it reflects the **final** action of the agency. Incomplete or incomprehensible forms will be mailed back to the agency. Instructions for completing the form are located on the following pages.

The inland wetlands agency shall mail completed forms for actions taken during a calendar month no later than the 15th day of the following month to the Department of Energy and Environmental Protection (DEEP). Do **not** mail this cover page or the instruction pages. Please mail **only** the **completed** reporting form to:

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

Questions may be directed to the DEEP's Inland Wetlands Management Program at (860) 424-3019.

INSTRUCTIONS FOR COMPLETING

THE STATEWIDE INLAND WETLANDS & WATERCOURSES ACTIVITY REPORTING FORM

Use a separate form to report EACH action taken by the Agency. Complete the form as described below. Do NOT submit a reporting form for withdrawn actions.

PART I: Must Be Completed By The Inland Wetlands Agency

1. Choose the year and month the Inland Wetlands Agency took the action being reported. If multiple actions were taken regarding the same project or activity then multiple forms need to be completed.

2. Choose ONE code letter to describe the final action or decision taken by the Inland Wetlands Agency. Do NOT submit a reporting form for withdrawn actions. Do NOT enter multiple code letters (for example: if an enforcement notice was given and subsequent permit issued - two forms for the two separate actions are to be completed).

   A = A Permit Granted by the Inland Wetlands Agency (not including map amendments, see code D below)
   B = Any Permit Denied by the Inland Wetlands Agency
   C = A Permit Renewed or Amended by the Inland Wetlands Agency
   D = A Map Amendment to the Official Town Wetlands Map - or -
   An Approved/Permitted Wetland or Watercourse Boundary Amendment to a Project Site Map
   E = An Enforcement Action: Permit Revocation, Citation, Notice of Violation, Order, Court Injunction, or Court Fines
   F = A Jurisdictional Ruling by the Inland Wetlands Agency (i.e.: activities "permitted as of right" or activities considered non-regulated)
   G = An Agent Approval pursuant to CGS 22a-42a(c)(2)
   H = An Appeal of Agent Approval Pursuant to 22a-42a(c)(2)

3. Check "yes" if a public hearing was held in regards to the action taken; otherwise check "no".

4. Enter the name of the Inland Wetlands Agency official verifying that the information provided on this form is accurate and that it reflects the FINAL action of the agency.

PART II: To Be Completed By The Inland Wetlands Agency Or The Applicant - If Part II is completed by the applicant, the applicant MUST return the form to the Inland Wetlands Agency. The Inland Wetlands Agency MUST ensure that the information provided is accurate and that it reflects the FINAL action of the Agency.

5. Enter the name of the municipality for which the Inland Wetlands Agency has jurisdiction and in which the action/project/activity is occurring.

   Check "yes" if the action/project/activity crosses municipal boundaries and enter the name(s) of the other municipality(ies) where indicated. Check "no" if it does not cross municipal boundaries.

6. Enter the USGS Quad Map name or number (1 through 115) as found on the Connecticut Town and Quadrangle Index Map (the directory to all USGS Quad Maps) that contains the location of the action/project/activity. Click on the following website for USGS Quad Map information: http://ct.gov/deep/lib/deep/gis/resources/Index_NamedQuadTown.pdf

   ALSO enter the four-digit identification number of the corresponding Subregional Drainage Basin in which the action/project/activity is located. If the action/project/activity is located in more than one subregional drainage basin, enter the number of the basin in which the majority of the action/project/activity is located. Town subregional drainage basin maps can be found at UConn CLEAR's website: http://clear.uconn.edu/data/map_set/index.htm (no roads depicted) or at CTECO: http://www.cteco.uconn.edu/map_catalog.asp (depicts roads, choose town and a natural drainage basin map).

7. Enter the name of the individual applying for, petitioning, or receiving the action.

8. Enter the name and address or location of the action/project/activity. Check if the action/project/activity is TEMPORARY or PERMANENT in nature. Also provide a brief DESCRIPTION of the action/project/activity. It is always best to provide as much information as possible (i.e., don't just state "forestry", provide details such as "20 acre forestry harvest, permit required for stream crossing".)

9. Carefully review the list below and enter ONLY ONE code letter which best characterizes the action/project/activity. All state agency projects must code "N".

A = Residential Improvement by Homeowner
B = New Residential Development for Single Family Units
C = New Residential Development for Multi-Family / Condos
D = Commercial / Industrial Uses
E = Municipal Project
F = Utility Company Project
G = Agriculture, Forestry or Conservation
H = Wetland Restoration, Enhancement, Creation
I = Storm Water / Flood Control
J = Erosion / Sedimentation Control
K = Recreation / Boating / Navigation
L = Routine Maintenance
M = Map Amendment
N = State Agency Project
P = Other (this code includes the approval of concept plans with no-on-the-ground work)

10. Enter between one and four code numbers to best characterize the project or activity being reported. Enter "NA" if this form is being completed for the action of map amendment. You MUST provide code 12 if the activity is located in an established upland review area. You MUST provide code 14 if the activity is located beyond the established upland review area or no established upland review area exists.

1 = Filling
2 = Excavation
3 = Land Clearing / Grubbing (no other activity)
4 = Stream Channelization
5 = Stream Stabilization (includes lakeshore stabilization)
6 = Stream Clearance (removal of debris only)
7 = Culverting (not for roadways)
8 = Underground Utilities Only (no other activities)
9 = Roadway / Driveway Construction
10 = Drainage Improvements
11 = Pond, Lake Dredging / Dam Construction
12 = Activity in an Established Upland Review Area
14 = Activity in Upland

Examples: Jurisdictional ruling allowing construction of a parking lot in an upland where the municipality does not have an established upland review area must use code 14, other possible codes are 2 and 10. Permitted construction of a free standing garage (residential improvement by homeowner) partially in an established upland review area with the remainder in the upland must use code 12 and 14, other possible codes are 1 and 2.

11. Leave blank for TEMPORARY alterations but please indicate action/project/activity is temporary under question #8 on the form. For PERMANENT alterations, enter in acres the area of wetland soils or watercourses altered. Include areas that are permanently altered, or are proposed to be, for all agency permits, denials, amendments, renewals, jurisdictional rulings, and enforcement actions. For those activities that involve filling or dredging of lakes, ponds or similar open water bodies enter the acres filled or dredged under "open water body". For those activities that involve directly altering a linear reach of a brook, river, lakeshore or similar linear watercourse, enter the total linear feet altered under "stream". Remember that these figures represent only the acreage altered not the total acreage of wetlands or watercourses on the site. You MUST provide all information in ACRES (or linear feet as indicated) including those areas less than one acre. To convert from square feet to acres, divide square feet by the number 43,560. If this report is being completed for an agency jurisdictional ruling and detailed information is not available, provide an estimate. Enter zero if there is no alteration.

12. Enter in acres the area of upland altered as a result of an ACTIVITY REGULATED BY the inland wetlands agency, or as a result of an AGENT APPROVAL pursuant to CGS section 22a-42a(c)(2). Leave blank for TEMPORARY alterations but please indicate action/project/activity is temporary under question #8 on the form. Include areas that are permanently altered, or proposed to be permanently altered, for all agent approvals, agency permits, denials, amendments, renewals, jurisdictional rulings, and enforcement actions. You MUST provide all information in ACRES including those areas less than one acre. See directions above (#11) for conversion factor. If this report is being completed for an agent approval or an agency jurisdictional ruling and detailed information is not available, provide an estimate. Enter zero if there is no alteration.

13. Enter the acres that are, or are proposed to be, restored, enhanced or created for all agency permits, denials, amendments, renewals, jurisdictional rulings and enforcement actions. NOTE restored or enhanced applies to previously existing wetlands or watercourses. Created applies to a non-wetland or non-watercourse area which is converted into wetlands or watercourses (question #10 must provide 12 and/or 14 as an answer, and question #12 must also be answered). You MUST provide all information in ACRES including those areas less than one acre. See directions above (#11) for conversion factor. Enter zero if there is no restoration, enhancement or creation.

PART III: To Be Completed By The DEEP - Please leave this area blank. Incomplete or incomprehensible forms will be mailed back to the inland wetlands agency.

Brooklyn Inland Wetlands
Commission
P.O. Box 356
Brooklyn, Connecticut 06234

NOTICE OF INCOMPLETE APPLICATION

Re: Woodward Road, Map 18 Lot 28
Brooklyn, CT 06234

William Perron
319 Hartford Pike
Dayville, CT 06241-1427

July 16, 2020

Mr. Perron:

You are hereby notified that the application you submitted to the Brooklyn Inland Wetlands Commission is incomplete. Unless you submit the complete fee and more information, it is very likely that the Commission will deny your application.

Fees:

You must submit a check made out to the Town of Brooklyn for the State of CT fee of $150.00.

Additional Information Needed:

Chairman Jeffrey Arends told you at the site walk on your property that you needed to submit a plan showing proposed work and the wetlands delineation.

Please submit a plan showing the proposed work in relation to the delineated wetlands. You have stated that you found a wetlands delineation plan, but no plan was submitted with your application. You can have a copy of the plan made at a store (like Staples) and then draw on it the work you are now proposing to do. We need to know how big the area is where you want to do site work, and we need for you to show us where that work is proposed. You can also draw a sketch of the proposed work on a separate piece of paper and submit that.

Please submit a written description of the work you are proposing to do. The Commission needs this in writing in order to approve your permit. For example, describe the way you want to lower

the Bank of Blackwell's Brook. Tell us how steep the slope will be, how wide the access path/driveway would be, and how you will stabilize the exposed soils. What is the closest point of work to the edge of the Brook? If you ware working in the area delineated as wetlands, how many square feet will you alter?

Describe how you want to remediate the gravel mine you already constructed within about 20 feet of Blackwell's Brook. Do you want to make the slopes less steep, add loam to the area, seed it and mulch it? If so, please put that in writing. If you no longer intend to mine gravel there, please put that in writing, too.

If you intend to cut fill out of the bank to remediate the gravel mine, ask your machine operator to tell you how many cubic yards of material that would be and submit that in writing.

Please fill out the CT DEEP reporting form. Instructions are attached.

Sincerely,

Margaret Washburn

Margaret Washburn
Brooklyn Wetlands Enforcement Officer

RECEIVED

JUL 1 3 2020

INLAND WETLANDS & WATERCOURSES COMMISSION
TOWN OF BROOKLYN, CONECTICUT

Date 7/7/20

Application # 071420C

APPLICATION -- INLAND WETLANDS & WATERCOURSES

Applicant PERRON Mailing Address 319 HARTFORD PIKE DAYVILLE, CT. 06241
Applicant's Interest in Property OWNER Phone 860.455.3945 Email

Property Owner if different Phone
Mailing Address Email

Engineer/Surveyor (if any)
Attorney (if any)

Property Location/Address MAP 18/LOT 22 WOODWARD RD. BROOKLYN
Map # 18 Lot # 22 Zone Total Acres 4 Acres of Wetlands on property ?

Purpose and Description of the Activity BREAK DOWN BANK TO PROVIDE ACCESS TO BROOK & USE GRAVEL ON PROPERTY

Wetlands Excavation and Fill:
Fill Proposed IT SELF Cubic Yds ? Sq ft ?
Excavation Proposed Cubic Yds Sq ft
Location where material will be placed: On Site ✓ Off Site
Total Regulated Area altered: Sq ft Acres

?

Explain alternatives considered (required): NONE

Mitigation Measures (if required): Wetlands/watercourses created: CY Sqft Acres

Is parcel located within 500ft of an adjoining Town? NO If yes, which Town(s)
Is the activity located within the watershed of a water company as defined in CT General Statutes 25-32a? NO

The owner and applicant hereby grant the Brooklyn IWWC, the Board of Selectman and their Authorized Agents permission to enter the subject property for the purpose of inspection and enforcement of the IWWC Regulations of the Town of Brooklyn. If the Commission determines that outside review is required, applicant will pay consulting fee.

Note: Determination that the information provided is inaccurate may invalidate the IWWC decision and result in enforcement action.

Applicant: BILL PERRON Date 7/7/20

Owner: BILL PERRON Date 7/7/20

Revised 10/26/16

REQUIREMENTS

_____ APPLICATION FEE $_____ STATE FEE ($60.00) _____

_____ COMPLETION OF CT DEEP REPORTING FORM

_____ ORIGINAL PLUS COPIES OF ALL MATERIALS REQUIRED - **NUMBER TO BE DETERMINED BY STAFF**

_____ PRE-APPLICATION MEETING WITH THE WETLANDS AGENT IS RECOMMENDED TO EXAMINE THE SCOPE OF THE ACTIVITY

_____ SITE PLAN SHOWING LOCATION OF THE WETLANDS WITH EXISTING AND PROPOSED CONDITIONS. APPLICANT MAY BE REQUIRED TO HAVE A CERTIFIED **SOIL SCIENTIST IDENTIFY THE WETLANDS.**

_____ COMPLIANCE WITH THE CONNECTICUT EROSION & SEDIMENTATION CONTROL MANUAL

_____ IF THE PROPOSED ACTIVITY IS DEEMED TO BE A "SIGNIFICANT IMPACT ACTIVITY" A PUBLIC HEARING IS REQUIRED ALONG WITH THE FOLLOWING INFORMATION:

- NAMES AND ADDRESSES OF ABUTTING PROPERTY OWNERS
- ADDITIONAL INFORMATION AS CONTAINED IN IWWC REGULATIONS ARTICLE 7.6

ADDITIONAL INFORMATION/ACTION NEEDED:

_____

_____

_____

OTHER APPLICATIONS MAY BE REQUIRED. CONTACT THESE AGENCIES FOR FURTHER INFORMATION:

APPLICATION TO STATE OF CONNECTICUT DEEP
INLAND WATER RESOURCES DIVISION
79 ELM ST.
HARTFORD, CT. 06106
1-860-424-3019

DEPARTMENT OF THE ARMY CORPS OF ENGINEERS
696 VIRGINIA ROAD
CONCORD, MA. 01742
1-860-343-4789

STAFF USE ONLY:

_____ DECLARATORY RULING: AS OF RIGHT & NON-REGULATED USES (SEE IWWC REGULATIONS SECTION 4)

_____ PERMIT REQUIRED:

_____ AUTHORIZED BY STAFF/CHAIR (NO ACTIVITY IN WETLANDS/WATERCOURSE AND MINIMAL IMPACT)

_____ CHAIR, BROOKLYN IWWC _____ WETLANDS OFFICER

_____ AUTHORIZED BY IWWC

_____ SIGNIFICANT ACTIVITY/PUBLIC HEARING

_____ NO PERMIT REQUIRED

_____ OUTSIDE OF UPLAND REVIEW AREA

_____ NO IMPACT

_____ CHAIR, BROOKLYN IWWC _____ WETLANDS OFFICER

_____ TIMBER HARVEST

Connecticut Department of
ENERGY & ENVIRONMENTAL PROTECTION

GIS CODE #: ___ ___ ___ ___ ___ ___ ___ ___ ___
For DEEP Use Only

79 Elm Street • Hartford, CT 06106-5127 www.ct.gov/deep Affirmative Action/Equal Opportunity Employer

Statewide Inland Wetlands & Watercourses Activity Reporting Form

Please complete and mail this form in accordance with the instructions on pages 2 and 3 to:
DEEP Land & Water Resources Division, Inland Wetlands Management Program, 79 Elm Street, 3rd 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

1. DATE ACTION WAS TAKEN: year: _____ month: _____
2. ACTION TAKEN (see instructions, only use one code): _____
3. WAS A PUBLIC HEARING HELD (check one)? yes ☐ no ☐
4. 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

5. TOWN IN WHICH THE ACTION IS OCCURRING (print name): _____
   does this project cross municipal boundaries (check one)? yes ☐ no ☐
   if yes, list the other town(s) in which the action is occurring (print name(s)): _____, _____
6. LOCATION (see instructions for information): USGS quad name: _____ or number: _____
   subregional drainage basin number: _____
7. NAME OF APPLICANT, VIOLATOR OR PETITIONER (print name): _____
8. NAME & ADDRESS / LOCATION OF PROJECT SITE (print information): _____
   briefly describe the action/project/activity (check and print information): temporary ☐ permanent ☐ description: _____
   _____
9. ACTIVITY *PURPOSE* CODE (see instructions, only use one code): _____
10. ACTIVITY *TYPE* CODE(S) (see instructions for codes): _____, _____, _____, _____
11. WETLAND / WATERCOURSE AREA ALTERED (must provide acres or linear feet):
    wetlands: _____ acres open water body: _____ acres stream: _____ linear feet
12. UPLAND AREA ALTERED (must provide acres): _____ acres
13. AREA OF WETLANDS / WATERCOURSES RESTORED, ENHANCED OR CREATED (must provide acres): _____ acres

DATE RECEIVED:

PART III: To Be Completed By The DEEP

DATE RETURNED TO DEEP:

FORM COMPLETED: YES NO

FORM CORRECTED / COMPLETED: YES NO

INSTRUCTIONS FOR COMPLETING
THE STATEWIDE INLAND WETLANDS & WATERCOURSES ACTIVITY REPORTING FORM

Use a separate form to report EACH action taken by the Agency. Complete the form as described below. Do NOT submit a reporting form for withdrawn actions.

PART I: Must Be Completed By The Inland Wetlands Agency

1. Choose the year and month the Inland Wetlands Agency took the action being reported. If multiple actions were taken regarding the same project or activity then multiple forms need to be completed.

2. Choose ONE code letter to describe the final action or decision taken by the Inland Wetlands Agency. Do NOT submit a reporting form for withdrawn actions. Do NOT enter multiple code letters (for example: if an enforcement notice was given and subsequent permit issued - two forms for the two separate actions are to be completed).

   A = A Permit Granted by the Inland Wetlands Agency (not including map amendments, see code D below)
   B = Any Permit Denied by the Inland Wetlands Agency
   C = A Permit Renewed or Amended by the Inland Wetlands Agency
   D = A Map Amendment to the Official Town Wetlands Map - or -
   An Approved/Permitted Wetland or Watercourse Boundary Amendment to a Project Site Map
   E = An Enforcement Action: Permit Revocation, Citation, Notice of Violation, Order, Court Injunction, or Court Fines
   F = A Jurisdictional Ruling by the Inland Wetlands Agency (i.e.: activities "permitted as of right" or activities considered non-regulated)
   G = An Agent Approval pursuant to CGS 22a-42a(c)(2)
   H = An Appeal of Agent Approval Pursuant to 22a-42a(c)(2)

3. Check "yes" if a public hearing was held in regards to the action taken; otherwise check "no".

4. Enter the name of the Inland Wetlands Agency official verifying that the information provided on this form is accurate and that it reflects the FINAL action of the agency.

PART II: To Be Completed By The Inland Wetlands Agency Or The Applicant - If Part II is completed by the applicant, the applicant MUST return the form to the Inland Wetlands Agency. The Inland Wetlands Agency MUST ensure that the information provided is accurate and that it reflects the FINAL action of the Agency.

5. Enter the name of the municipality for which the Inland Wetlands Agency has jurisdiction and in which the action/project/activity is occurring.

   Check "yes" if the action/project/activity crosses municipal boundaries and enter the name(s) of the other municipality(ies) where indicated. Check "no" if it does not cross municipal boundaries.

6. Enter the USGS Quad Map name or number (1 through 115) as found on the Connecticut Town and Quadrangle Index Map (the directory to all USGS Quad Maps) that contains the location of the action/project/activity. Click on the following website for USGS Quad Map information: http://ct.gov/deep/lib/deep/gis/resources/Index_NamedQuadTown.pdf

   ALSO enter the four-digit identification number of the corresponding Subregional Drainage Basin in which the action/project/activity is located. If the action/project/activity is located in more than one subregional drainage basin, enter the number of the basin in which the majority of the action/project/activity is located. Town subregional drainage basin maps can be found at UConn CLEAR's website: http://clear.uconn.edu/data/map_set/index.htm (no roads depicted) or at CTECO: http://www.cteco.uconn.edu/map_catalog.asp (depicts roads, choose town and a natural drainage basin map).

7. Enter the name of the individual applying for, petitioning, or receiving the action.

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9. Carefully review the list below and enter ONLY ONE code letter which best characterizes the action/project/activity. All state agency projects must code "N".

A = Residential Improvement by Homeowner
B = New Residential Development for Single Family Units
C = New Residential Development for Multi-Family / Condos
D = Commercial / Industrial Uses
E = Municipal Project
F = Utility Company Project
G = Agriculture, Forestry or Conservation
H = Wetland Restoration, Enhancement, Creation
I = Storm Water / Flood Control
J = Erosion / Sedimentation Control
K = Recreation / Boating / Navigation
L = Routine Maintenance
M = Map Amendment
N = State Agency Project
P = Other (this code includes the approval of concept plans with no-on-the-ground work)

10. Enter between one and four code numbers to best characterize the project or activity being reported. Enter "NA" if this form is being completed for the action of map amendment. You MUST provide code 12 if the activity is located in an established upland review area. You MUST provide code 14 if the activity is located beyond the established upland review area or no established upland review area exists.

1 = Filling
2 = Excavation
3 = Land Clearing / Grubbing (no other activity)
4 = Stream Channelization
5 = Stream Stabilization (includes lakeshore stabilization)
6 = Stream Clearance (removal of debris only)
7 = Culverting (not for roadways)
8 = Underground Utilities Only (no other activities)
9 = Roadway / Driveway Construction
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11 = Pond, Lake Dredging / Dam Construction
12 = Activity in an Established Upland Review Area
14 = Activity in Upland

Examples: Jurisdictional ruling allowing construction of a parking lot in an upland where the municipality does not have an established upland review area must use code 14, other possible codes are 2 and 10. Permitted construction of a free standing garage (residential improvement by homeowner) partially in an established upland review area with the remainder in the upland must use code 12 and 14, other possible codes are 1 and 2.

11. Leave blank for TEMPORARY alterations but please indicate action/project/activity is temporary under question #8 on the form. For PERMANENT alterations, enter in acres the area of wetland soils or watercourses altered. Include areas that are permanently altered, or are proposed to be, for all agency permits, denials, amendments, renewals, jurisdictional rulings, and enforcement actions. For those activities that involve filling or dredging of lakes, ponds or similar open water bodies enter the acres filled or dredged under "open water body". For those activities that involve directly altering a linear reach of a brook, river, lakeshore or similar linear watercourse, enter the total linear feet altered under "stream". Remember that these figures represent only the acreage altered not the total acreage of wetlands or watercourses on the site. You MUST provide all information in ACRES (or linear feet as indicated) including those areas less than one acre. To convert from square feet to acres, divide square feet by the number 43,560. If this report is being completed for an agency jurisdictional ruling and detailed information is not available, provide an estimate. Enter zero if there is no alteration.

12. Enter in acres the area of upland altered as a result of an ACTIVITY REGULATED BY the inland wetlands agency, or as a result of an AGENT APPROVAL pursuant to CGS section 22a-42a(c)(2). Leave blank for TEMPORARY alterations but please indicate action/project/activity is temporary under question #8 on the form. Include areas that are permanently altered, or proposed to be permanently altered, for all agent approvals, agency permits, denials, amendments, renewals, jurisdictional rulings, and enforcement actions. You MUST provide all information in ACRES including those areas less than one acre. See directions above (#11) for conversion factor. If this report is being completed for an agent approval or an agency jurisdictional ruling and detailed information is not available, provide an estimate. Enter zero if there is no alteration.

13. Enter the acres that are, or are proposed to be, restored, enhanced or created for all agency permits, denials, amendments, renewals, jurisdictional rulings and enforcement actions. NOTE restored or enhanced applies to previously existing wetlands or watercourses. Created applies to a non-wetland or non-watercourse area which is converted into wetlands or watercourses (question #10 must provide 12 and/or 14 as an answer, and question #12 must also be answered). You MUST provide all information in ACRES including those areas less than one acre. See directions above (#11) for conversion factor. Enter zero if there is no restoration, enhancement or creation.

PART III: To Be Completed By The DEEP - Please leave this area blank. Incomplete or incomprehensible forms will be mailed back to the inland wetlands agency.

INLAND WETLANDS & WATERCOURSES COMMISSION
TOWN OF BROOKLYN, CONECTICUT

Date _____ Application # _____

APPLICATION -- INLAND WETLANDS & WATERCOURSES

APPLICANT David & Nancy Bell MAILING ADDRESS PO Box 358, Brooklyn, CT 06234
APPLICANT'S INTEREST IN PROPERTY owner PHONE 860 774 3838 _____ EMAIL _____

PROPERTY OWNER IF DIFFERENT SAME PHONE _____ _____
MAILING ADDRESS _____ EMAIL _____

ENGINEER/SURVEYOR (IF ANY) pc survey associates, llc
ATTORNEY (IF ANY) _____

PROPERTY LOCATION/ADDRESS 131 Prince Hill Road
MAP # 34 LOT # 52 ZONE RA TOTAL ACRES 6 ACRES OF WETLANDS ON PROPERTY 0.3

PURPOSE AND DESCRIPTION OF THE ACTIVITY 3 Lot Subdivision

WETLANDS EXCAVATION AND FILL:
FILL PROPOSED n/a CUBIC YDS _____ SQ FT _____
EXCAVATION PROPOSED n/a CUBIC YDS _____ SQ FT _____
LOCATION WHERE MATERIAL WILL BE PLACED: ON SITE _____ OFF SITE _____
TOTAL REGULATED AREA ALTERED: SQ FT 0 ACRES 0

EXPLAIN ALTERNATIVES CONSIDERED (REQUIRED): n/a

MITIGATION MEASURES (IF REQUIRED): WETLANDS/WATERCOURSES CREATED: CY _____ SQFT _____ ACRES _____

IS PARCEL LOCATED WITHIN 500FT OF AN ADJOINING TOWN? no IF YES, WHICH TOWN(S) _____
IS THE ACTIVITY LOCATED WITHIN THE WATERSHED OF A WATER COMPANY AS DEFINED IN CT GENERAL STATUTES 25-32A? no

THE OWNER AND APPLICANT HEREBY GRANT THE BROOKLYN IWWC, THE BOARD OF SELECTMAN AND THEIR AUTHORIZED AGENTS PERMISSION TO ENTER THE SUBJECT PROPERTY FOR THE PURPOSE OF INSPECTION AND ENFORCEMENT OF THE IWWC REGULATIONS OF THE TOWN OF BROOKLYN. IF THE COMMISSION DETERMINES THAT OUTSIDE REVIEW IS REQUIRED, APPLICANT WILL PAY CONSULTING FEE.

NOTE: DETERMINATION THAT THE INFORMATION PROVIDED IS INACCURATE MAY INVALIDATE THE IWWC DECISION AND RESULT IN ENFORCEMENT ACTION.

APPLICANT: X David P. Bell DATE 2/6/20

OWNER: X David P. Bell DATE 2/6/20

REQUIREMENTS

_____ APPLICATION FEE $_____ STATE FEE ($60.00) _____

_____ COMPLETION OF CT DEEP REPORTING FORM

_____ ORIGINAL PLUS COPIES OF ALL MATERIALS REQUIRED - **NUMBER TO BE DETERMINED BY STAFF**

_____ PRE-APPLICATION MEETING WITH THE WETLANDS AGENT IS RECOMMENDED TO EXAMINE THE SCOPE OF THE ACTIVITY

_____ SITE PLAN SHOWING LOCATION OF THE WETLANDS WITH EXISTING AND PROPOSED CONDITIONS. APPLICANT MAY BE REQUIRED TO HAVE A CERTIFIED **SOIL SCIENTIST IDENTIFY THE WETLANDS.**

_____ COMPLIANCE WITH THE CONNECTICUT EROSION & SEDIMENTATION CONTROL MANUAL

_____ IF THE PROPOSED ACTIVITY IS DEEMED TO BE A "SIGNIFICANT IMPACT ACTIVITY" A PUBLIC HEARING IS REQUIRED ALONG WITH THE FOLLOWING INFORMATION:

- NAMES AND ADDRESSES OF ABUTTING PROPERTY OWNERS
- ADDITIONAL INFORMATION AS CONTAINED IN IWWC REGULATIONS ARTICLE 7.6

ADDITIONAL INFORMATION/ACTION NEEDED:

_____

_____

_____

OTHER APPLICATIONS MAY BE REQUIRED. CONTACT THESE AGENCIES FOR FURTHER INFORMATION:

APPLICATION TO STATE OF CONNECTICUT DEEP
INLAND WATER RESOURCES DIVISION
79 ELM ST.
HARTFORD, CT. 06106
1-860-424-3019

DEPARTMENT OF THE ARMY CORPS OF ENGINEERS
696 VIRGINIA ROAD
CONCORD, MA. 01742
1-860-343-4789

STAFF USE ONLY:

_____ DECLARATORY RULING: AS OF RIGHT & NON-REGULATED USES (SEE IWWC REGULATIONS SECTION 4)

_____ PERMIT REQUIRED:

_____ AUTHORIZED BY STAFF/CHAIR (NO ACTIVITY IN WETLANDS/WATERCOURSE AND MINIMAL IMPACT)

_____ CHAIR, BROOKLYN IWWC _____ WETLANDS OFFICER

_____ AUTHORIZED BY IWWC

_____ SIGNIFICANT ACTIVITY/PUBLIC HEARING

_____ NO PERMIT REQUIRED

_____ OUTSIDE OF UPLAND REVIEW AREA

_____ NO IMPACT

_____ CHAIR, BROOKLYN IWWC _____ WETLANDS OFFICER

_____ TIMBER HARVEST

Joseph R. Theroux
~ Certified Forester/ Soil Scientist ~
Phone 860-428-7992~ Fax 860-376-6842
P.O. Box 32, Voluntown, CT. 06384
Forestry Services ~ Environmental Impact Assessments
Wetland Delineations and Permitting ~ E&S/Site Inspections
Wetland function and value Assessments

11/14/19

P.C. Survey Assoc. LLC.
63 Snake Meadow Hill Rd.
Killingly, CT. 06239

Attn: Mr. Paul Terwilliger

Re: Wetland delineation, 131 Prince Hill Rd. Brooklyn, CT.

Dear Mr. Terwilliger,

At your request I have delineated the inland wetlands and watercourses on the above referenced property.

These wetlands have been delineated in accordance with the standards of the National Cooperative Soil Survey and the definitions of wetlands as found in the Connecticut Statutes, Chapter 440, Sections 22A-38.

Flag numbers WF-1-1 thru WF-12 delineate the boundary of a palustrine forested wetland located along the eastern boundary of the property.

These wetland soils are characterized by thick organic "A" horizons, shallow redoximorphic features and low chroma colors within 20 inches of the soil surface.

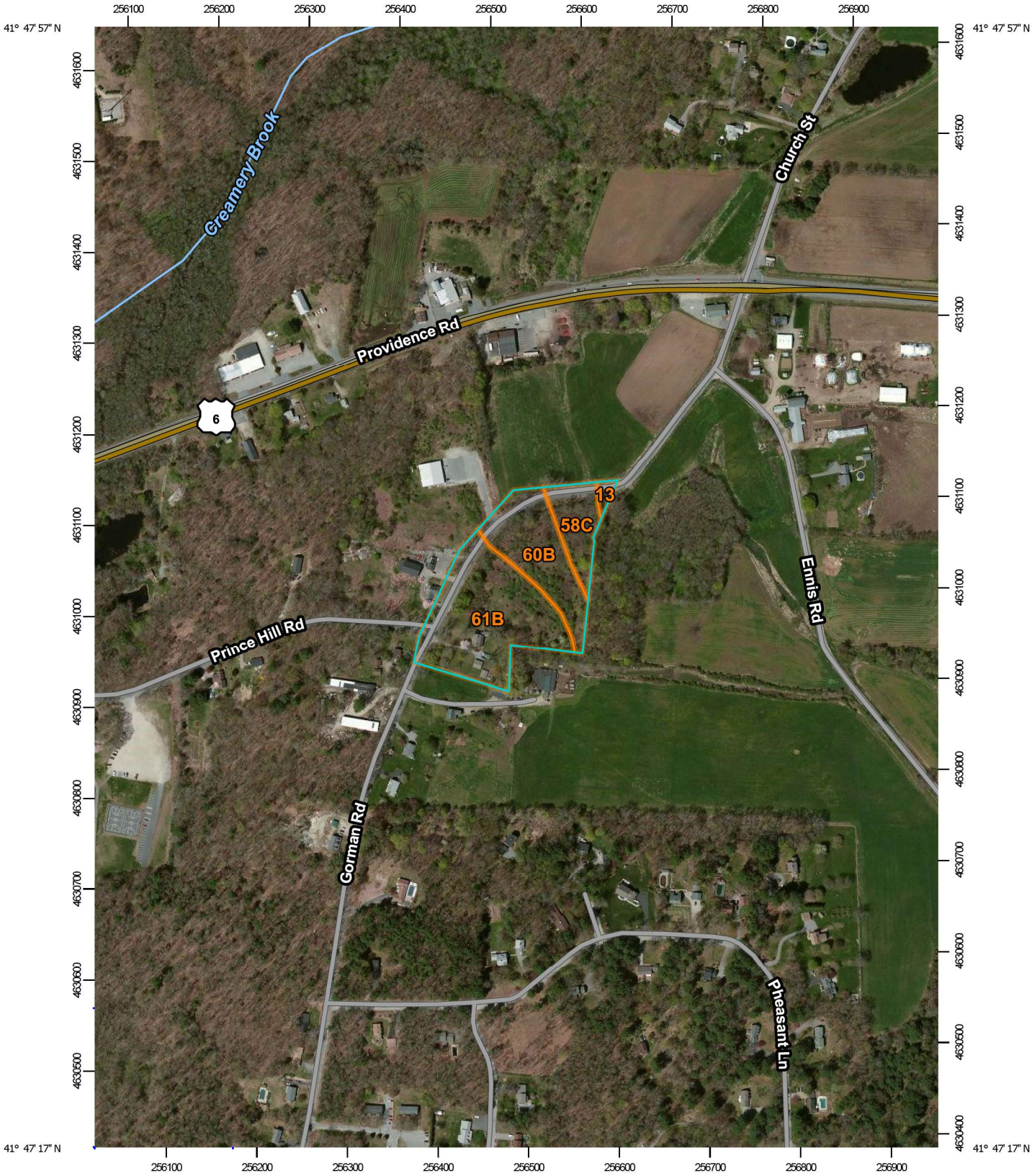
I have examined the remainder of the property and found no other evidence of inland wetlands or watercourses.

In conclusion, if you have any questions concerning the delineation or this report, please feel free to contact me.

Thank you,

Joseph R. Theroux
Certified Soil Scientist
Member SSSSNE, NSCSS, SSSA.

Soil Map—State of Connecticut
(Bell - Prince Hill Subdivision)



Map Scale: 1:6,000 if printed on A portrait (8.5" x 11") sheet.

N

Meters: 0 50 100 200 300

Feet: 0 250 500 1000 1500

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

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.

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 19, Sep 13, 2019

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

Date(s) aerial images were photographed: Apr 14, 2011—Aug 27, 2016

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
13	Walpole sandy loam, 0 to 3 percent slopes	0.1	1.6%
58C	Gloucester gravelly sandy loam, 8 to 15 percent slopes, very stony	1.1	14.1%
60B	Canton and Charlton fine sandy loams, 3 to 8 percent slopes	2.2	29.6%
61B	Canton and Charlton fine sandy loams, 0 to 8 percent slopes, very stony	4.1	54.6%
Totals for Area of Interest		**7.5**	**100.0%**

ABUTTERS WITHIN 200' OF SUBDIVISION - BELL , PRINCE HILL ROAD

MAP 34, LOT 2
RZEZNIKIEWICZ RUDOLPH
12 GORMAN RD
BROOKLYN CT 06234-1804

MAP 34, LOT 2A
PERRY BRITTANY L
158 MAIN ST - PO BOX 682
PUTNAM CT 06260-0682

MAP 34, LOT 3A
SIMONZI MARK
25 TOWER HILL RD
BRIMFIELD MA 01010-9756

MAP 34, LOT 3B
148 PRINCE HILL LLC
59 SOUTH ST
BROOKLYN CT 6234

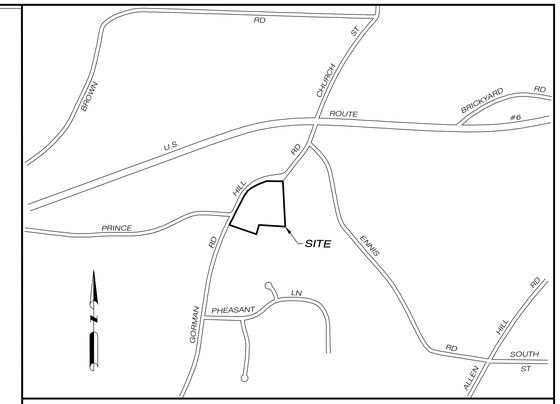
MAP 34, LOT 4
ENNIS JOHN F & EGGERS FREDERICK S
289 PROVIDENCE RD
BROOKLYN CT 06234-1818

SUBJECT PROPERTY MAP 34, LOT 52
BELL DAVID P & NANCY M
P.O. BOX 358
BROOKLYN CT 06234-1521

MAP 34, LOT 51
RZEZNIKIEWICZ RUDOLPH & RITA N (TIC)
12 GORMAN RD
BROOKLYN CT 06234-1804

MAP 34, LOT 53
ENNIS JOHN F & EGGERS FREDERICK S
289 PROVIDENCE RD
BROOKLYN CT 06234-1818

MAP 34, LOT 3
CIL REALTY INCORPORATED
157 CHARTER OAK AVE 3RD FLOOR
HARTFORD CT 6106



LOCATION MAP SCALE: 1" = 1000'

NOTES:

1. THIS MAP AND SURVEY HAVE BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300b-1 THRU 20-300b-20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES - "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. IT IS A COMPILATION PLAN CONFORMING TO HORIZONTAL ACCURACY CLASS "D". THIS MAP HAS BEEN COMPILED FROM OTHER MAPS, DEED DIMENSIONS, AND OTHER SOURCES, IT IS NOT TO BE CONSTRUED AS HAVING BEEN OBTAINED AS THE RESULT OF A FIELD SURVEY AND IS SUBJECT TO SUCH CHANGE AS AN ACCURATE FIELD SURVEY MAY DISCLOSE.

2. PROPERTY LINES SHOWN BASED ON BROOKLYN ASSESSOR'S MAPPING.

3. ZONING DISTRICT: RA

4. TOTAL AREA OF SUBDIVISION = 6.00± ACRES.

5. SUBDIVIDED PARCEL IS SHOWN AS MAP 34, LOT 52 OF THE TOWN OF BROOKLYN ASSESSOR'S MAPS.

PARCEL HISTORY

GRANTOR	GRANTEE	VOL.	PG.	DATE	
WILLIAM COOKE, TRUSTEE	DAVID P. & NANCY M. BELL	165	217	6/9/1988	8 ACRES, MORE OR LESS
ROBERT A. DUMAINE	WILLIAM COOKE, TRUSTEE	91	559	6/8/1988	8 ACRES, MORE OR LESS
GEORGE I. & SARA H. JOHNSON	ROBERT A. DUMAINE	91	1	4/29/1988	8 ACRES, MORE OR LESS
PAUL B. & RUTH Y. KERR	GEORGE I. & SARA H. JOHNSON	29	425	7/22/1948	8 ACRES, MORE OR LESS

SURVEYOR: PAUL A. TERWILLIGER, L.S.
PC SURVEY ASSOCIATES, LLC
KILLINGLY, CT 06239

ENGINEER: NORMAND THIBEAULT, P.E.
KILLINGLY ENGINEERING ASSOCIATES
KILLINGLY, CT 06239

OWNER/APPLICANT: DAVID & NANCY BELL
PO BOX 358
BROOKLYN, CT 06234

APPROVED BY THE BROOKLYN INLAND WETLANDS AND WATERCOURSES COMMISSION.

CHAIRMAN DATE

THE SUBDIVISION REGULATIONS OF THE TOWN OF BROOKLYN ARE A PART OF THIS PLAN. APPROVAL OF THIS PLAN IS CONTIGENT ON COMPLETION OF THE REQUIREMENTS OF SAID REGULATIONS, EXCEPTING ANY VARIANCE OR MODIFICATIONS MADE BY THE COMMISSION. ANY SUCH VARIANCE OR MODIFICATIONS ARE ON FILE IN THE OFFICE OF THE COMMISSION.

APPROVED BY THE BROOKLYN PLANNING & ZONING COMMISSION

CHAIRMAN DATE

PER SECTION 8-26 OF THE CONNECTICUT GENERAL STATUTES, AMENDED, APPROVAL AUTOMATICALLY EXPIRES _____ IF ALL PHYSICAL IMPROVEMENTS REQUIRED BY THIS PLAN ARE NOT COMPLETED BY THAT DATE

SHEET INDEX

SHEET 1	SUBDIVISION COVER SHEET
SHEET 2	SUBDIVISION BOUNDARY MAP
SHEET 3	LOT DEVELOPMENT PLAN
SHEET 4	EROSION & SEDIMENT CONTROL PLAN & DETAILS

STATE OF CONNECTICUT
PAUL A. TERWILLIGER
No. 70155
LICENSED
LAND SURVEYOR

TO THE BEST OF MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

PAUL A. TERWILLIGER, L.S. NO. 70155 — 7/6/2020 DATE

NO CERTIFICATION IS EXPRESSED OR IMPLIED UNLESS THIS MAP BEARS THE EMBOSSED SEAL OF THE LAND SURVEYOR WHOSE SIGNATURE APPEARS HEREON.

COMPILATION MAP

SUBDIVISION OF LAND
PREPARED FOR
DAVID P. BELL
AND
NANCY M. BELL

PRINCE HILL ROAD
BROOKLYN , CONNECTICUT

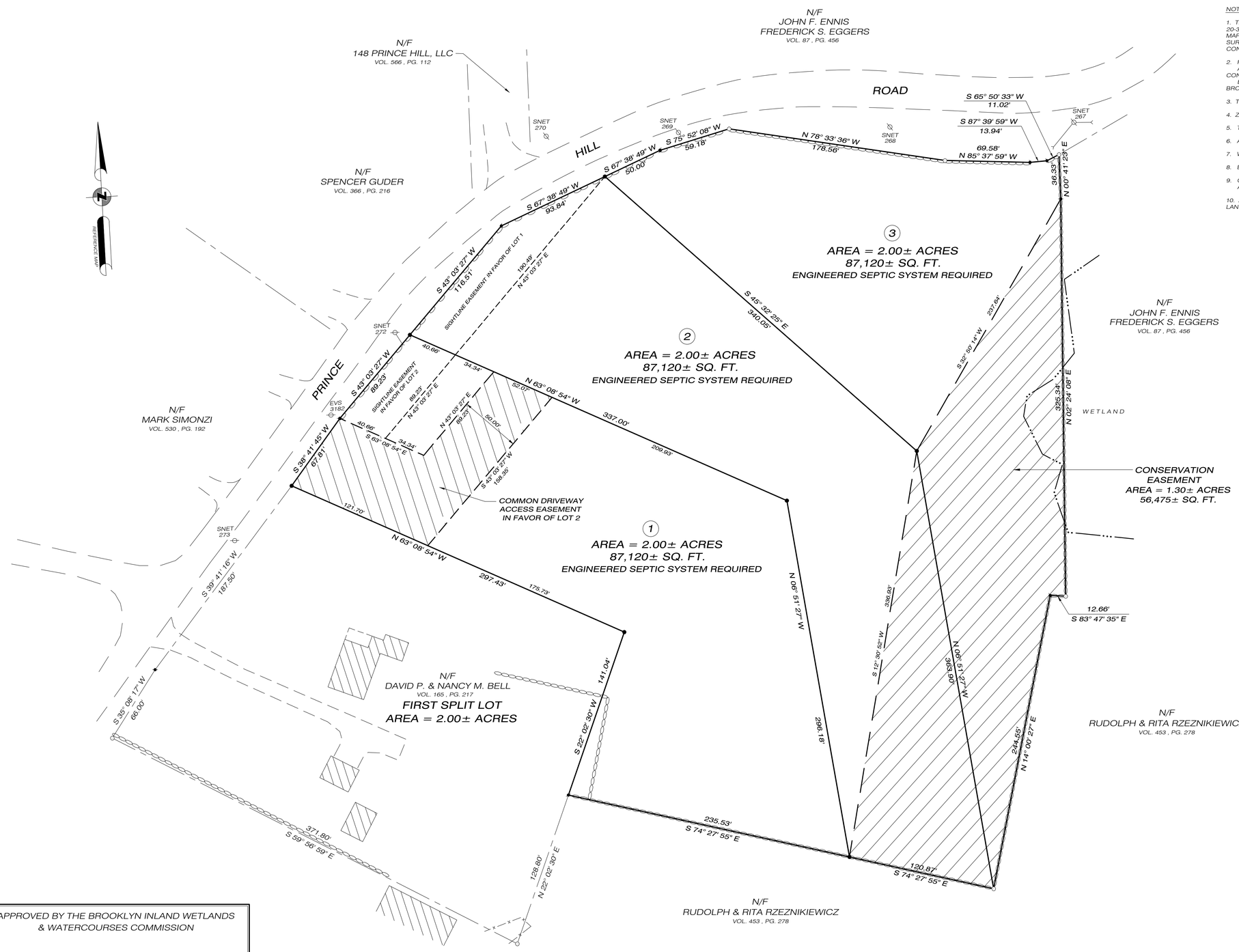
DATE: JUNE 2020
SCALE: 1" = 100'

0 50' 100' 200' 300'

SURVEYING • MAPPING • PLOT PLANS
LAND RECORD RESEARCH • TOPOGRAPHY • SUBDIVISION
PC Survey Associates LLC
email: pcsurvey@snet.net
63 SNAKE MEADOW RD
KILLINGLY, CT 06239
860 774 6230

SHEET NO: 1 OF 4
REVISED:
7/6/2020 - OPEN SPACE

JOB NO: 18015 | F.B. NO: N/A | DRAWN BY: P.A.T. | MAP NO:



NOTES:

1. THIS MAP AND SURVEY HAVE BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300b-1 THRU 20-300b-20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES - "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT", AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. IT IS A SUBDIVISION MAP BASED ON A DEPENDENT RESURVEY AND ORIGINAL SURVEY CONFORMING TO HORIZONTAL ACCURACY CLASS A-2.

2. REFERENCE IS MADE TO THE FOLLOWING MAPS:
   A. SUBDIVISION PLAN PREPARED FOR DAVID BELL - PRINCE HILL ROAD & GORMAN ROAD, BROOKLYN, CONNECTICUT - SCALE: 1"=40' - DATE: 1/15/1990 - REVISED 7/15/1991 - SHEET 1 OF 4 - BY: KWP ASSOCIATES
   B. PERIMETER SURVEY PREPARED FOR DAVID P. BELL AND NANCY M. BELL - PRINCE HILL ROAD - BROOKLYN, CONNECTICUT - DATE: JANUARY 2020 - SCALE: 1"=40' - BY: PC SURVEY ASSOCIATES, LLC

3. TOTAL AREA OF SUBDIVISION = 6.00± ACRES.

4. ZONING DISTRICT: RA

5. THIS SUBDIVISION DOES NOT CONTAIN LAND AREAS WITHIN F.E.M.A.'s 100-YEAR FLOOD HAZARD ZONE.

6. ALL LOTS REQUIRE ENGINEER DESIGNED SEPTIC SYSTEMS.

7. WETLANDS SHOWN AS FIELD DELINEATED BY JOSEPH THEROUX, CPSS, NOVEMBER, 2019.

8. BEARING SYSTEM IS BASED ON REFERENCE MAP "A".

9. OPEN SPACE REQUIREMENTS ARE TO BE MET BY AN OPEN SPACE CONSERVATION EASEMENT COVENANT. AREA OF CONSERVATION EASEMENT = 22% OF SUBDIVIDED AREA.

10. A COMMON DRIVEWAY USE AND MAINTENANCE AGREEMENT IS TO BE RECORDED IN THE BROOKLYN LAND RECORDS FOR THAT PORTION OF THE ACCESS EASEMENT USED IN COMMON BY LOTS 1 AND 2.

THE SUBDIVISION REGULATIONS OF THE TOWN OF BROOKLYN ARE A PART OF THIS PLAN. APPROVAL OF THIS PLAN IS CONTIGENT ON COMPLETION OF THE REQUIREMENTS OF SAID REGULATIONS, EXCEPTING ANY VARIANCE OR MODIFICATIONS MADE BY THE COMMISSION. ANY SUCH VARIANCE OR MODIFICATIONS ARE ON FILE IN THE OFFICE OF THE COMMISSION.

APPROVED BY THE BROOKLYN INLAND WETLANDS & WATERCOURSES COMMISSION

CHAIRMAN _____ DATE _____

APPROVED BY THE BROOKLYN PLANNING & ZONING COMMISSION

CHAIRMAN _____ DATE _____

PER SECTION 8-26c OF THE CONNECTICUT GENERAL STATUTES, AMENDED, APPROVAL AUTOMATICALLY EXPIRES _____ IF ALL PHYSICAL IMPROVEMENTS REQUIRED BY THIS PLAN ARE NOT COMPLETED BY THAT DATE

LEGEND

- IRON PIN FOUND
- ANGLE POINT
- IRON ROD TO BE SET
- STONE WALL
- EDGE OF WETLAND

STATE OF CONNECTICUT · PAUL A. TERWILLIGER · No. 70155 · LICENSED · LAND SURVEYOR

TO THE BEST OF MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

PAUL A. TERWILLIGER, L.S. NO. 70155 — DATE: 6/16/2020

NO CERTIFICATION IS EXPRESSED OR IMPLIED UNLESS THIS MAP BEARS THE EMBOSSED SEAL OF THE LAND SURVEYOR WHOSE SIGNATURE APPEARS HEREON.

SUBDIVISION MAP

PREPARED FOR

DAVID P. BELL

AND

NANCY M. BELL

PRINCE HILL ROAD

BROOKLYN , CONNECTICUT

DATE: JUNE 2020

SCALE: 1" = 40'

0 20' 40' 80' 120'

SURVEYING • MAPPING • PLOT PLANS • TOPOGRAPHY • SUBDIVISION • RESEARCH • RECORD • LAND
pc survey associates llc
email: pcsurvey@snet.net
63 SNAKE MEADOW RD
KILLINGLY, CT 06239
860 774 6230

SHEET NO: 2 OF 4

REVISED: 7/6/2020 - OPEN SPACE

JOB NO: 18015 | F.B. NO: N/A | DRAWN BY: P.A.T. | MAP NO:

THE SUBDIVISION REGULATIONS OF THE TOWN OF BROOKLYN ARE A PART OF THIS PLAN. APPROVAL OF THIS PLAN IS CONTIGENT ON COMPLETION OF THE REQUIREMENTS OF SAID REGULATIONS, EXCEPTING ANY VARIANCE OR MODIFICATIONS MADE BY THE COMMISSION. ANY SUCH VARIANCE OR MODIFICATIONS ARE ON FILE IN THE OFFICE OF THE COMMISSION.

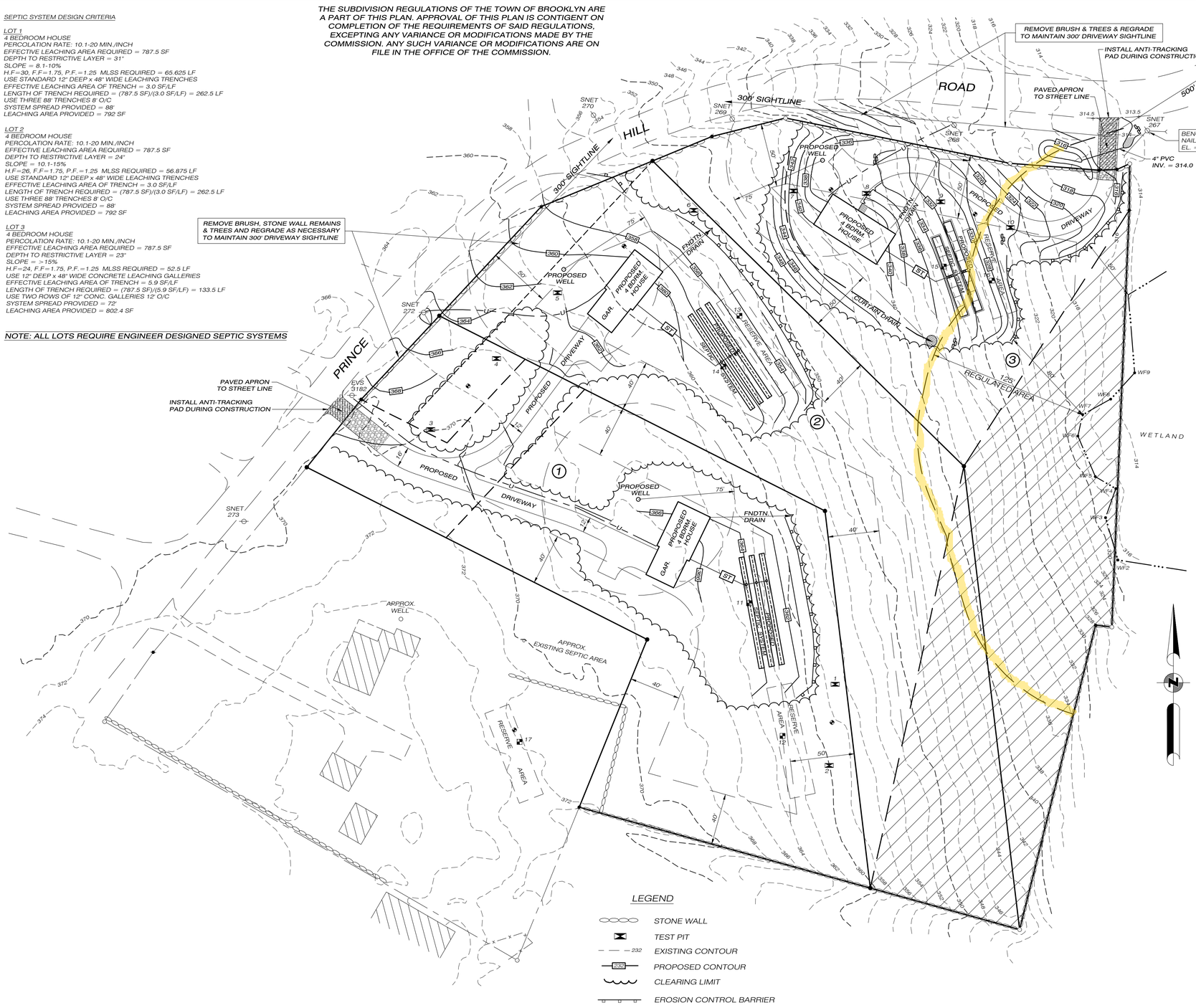
SEPTIC SYSTEM DESIGN CRITERIA

LOT 1
4 BEDROOM HOUSE
PERCOLATION RATE: 10.1-20 MIN./INCH
EFFECTIVE LEACHING AREA REQUIRED = 787.5 SF
DEPTH TO RESTRICTIVE LAYER = 31"
SLOPE = 8.1-10%
H.F.=30, F.F.=1.75, P.F.=1.25 MLSS REQUIRED = 65.625 LF
USE STANDARD 12" DEEP x 48" WIDE LEACHING TRENCHES
EFFECTIVE LEACHING AREA OF TRENCH = 3.0 SF/LF
LENGTH OF TRENCH REQUIRED = (787.5 SF)/(3.0 SF/LF) = 262.5 LF
USE THREE 88' TRENCHES 8' O/C
SYSTEM SPREAD PROVIDED = 88'
LEACHING AREA PROVIDED = 792 SF

LOT 2
4 BEDROOM HOUSE
PERCOLATION RATE: 10.1-20 MIN./INCH
EFFECTIVE LEACHING AREA REQUIRED = 787.5 SF
DEPTH TO RESTRICTIVE LAYER = 24"
SLOPE = 10.1-15%
H.F.=26, F.F.=1.75, P.F.=1.25 MLSS REQUIRED = 56.875 LF
USE STANDARD 12" DEEP x 48" WIDE LEACHING TRENCHES
EFFECTIVE LEACHING AREA OF TRENCH = 3.0 SF/LF
LENGTH OF TRENCH REQUIRED = (787.5 SF)/(3.0 SF/LF) = 262.5 LF
USE THREE 88' TRENCHES 8' O/C
SYSTEM SPREAD PROVIDED = 88'
LEACHING AREA PROVIDED = 792 SF

LOT 3
4 BEDROOM HOUSE
PERCOLATION RATE: 10.1-20 MIN./INCH
EFFECTIVE LEACHING AREA REQUIRED = 787.5 SF
DEPTH TO RESTRICTIVE LAYER = 23"
SLOPE = >15%
H.F.=24, F.F.=1.75, P.F.=1.25 MLSS REQUIRED = 52.5 LF
USE 12" DEEP x 48" WIDE CONCRETE LEACHING GALLERIES
EFFECTIVE LEACHING AREA OF TRENCH = 5.9 SF/LF
LENGTH OF TRENCH REQUIRED = (787.5 SF)/(5.9 SF/LF) = 133.5 LF
USE TWO ROWS OF 12" CONC. GALLERIES 12' O/C
SYSTEM SPREAD PROVIDED = 72'
LEACHING AREA PROVIDED = 802.4 SF

NOTE: ALL LOTS REQUIRE ENGINEER DESIGNED SEPTIC SYSTEMS



LEGEND

- STONE WALL
- TEST PIT
- 232 EXISTING CONTOUR
- 352 PROPOSED CONTOUR
- CLEARING LIMIT
- EROSION CONTROL BARRIER

TEST HOLE 1
0-8" TOPSOIL
8"-27" FINE SANDY LOAM
27"-80" MOD. COMPACT GRAVELLY LOAMY SAND, SANDY LOAM w/ COBBLES
WATER AT 54"
MOTTLING AT 48"
NO LEDGE

TEST HOLE 2
0-8" TOPSOIL
8"-25" FINE SANDY LOAM
25"-84" MOD. COMPACT GRAVELLY LOAMY SAND & SANDY LOAM w/ COBBLES, SOME STONES
WATER AT 54"
MOTTLING AT 50"
NO LEDGE

PERCOLATION RATE: 11.4 MIN./INCH

TEST HOLE 5
0-9" TOPSOIL
9"-24" SANDY LOAM
24"-30" GRAY LOAMY FINE SAND
30"-37" BROWN LOAMY FINE/MED. SAND
37"-96" MOD. COMPACT GRAVELLY LOAMY FINE SAND & FINE SANDY LOAM w/ COBBLES
WATER AT 79"
MOTTLING AT 64"
NO LEDGE

TEST HOLE 6
0-9" TOPSOIL
9"-18" FINE SANDY LOAM
18"-36" FINE SANDY LOAM & SANDY LOAM
36"-89" MOD. COMPACT GRAVELLY LOAMY SAND & SANDY LOAM w/ COBBLES, SOME FLAT ROCK
WATER AT 65"
MOTTLING AT 60"
NO LEDGE

PERCOLATION RATE: 8.9 MIN./INCH

TEST HOLE 9
0-8" TOPSOIL
8"-24" FINE SANDY LOAM
24"-38" FINE SANDY LOAM & LOAMY FINE SAND
38"-84" COMPACT GRAVELLY LOAMY FINE SAND & SANDY LOAM w/ COBBLES
WATER AT 68"
MOTTLING AT 31"
NO LEDGE

TEST HOLE 10
0-21" TOPSOIL
21"-31" SANDY LOAM
31"-42" SANDY LOAM & FINE SANDY LOAM
42"-84" MOD. COMPACT FINE SANDY LOAM, SOME LOAMY SAND
WATER AT 58"
MOTTLING AT 50"
NO LEDGE

PERCOLATION RATE: 16 MIN./INCH

TEST HOLE 13
0-11" TOPSOIL
11"-24" FINE SANDY LOAM
24"-69" MOTTLED/WET GRAVELLY SANDY LOAM
69"-73" GROUNDWATER
WATER AT 69"
MOTTLING AT 24"
NO LEDGE

TEST HOLE 14
0-10" TOPSOIL
10"-26" FINE SANDY LOAM
26"-59" MOTTLED SANDY LOAM w/ GRAVEL
59"-70" GROUNDWATER
WATER AT 59"
MOTTLING AT 26"
NO LEDGE

PERCOLATION RATE: 10 MIN./INCH

TEST HOLE 3
0-9" TOPSOIL
9"-23" SANDY LOAM
23"-42" FINE SANDY LOAM & SANDY LOAM, SOME FINE/MED. SAND
WATER AT 67"
MOTTLING AT 62"
NO LEDGE

TEST HOLE 4
0-9" TOPSOIL
9"-21" SANDY LOAM
21"-36" LOAMY SAND
36"-100" MOD. COMPACT GRAVELLY LOAMY SAND & SANDY LOAM w/ COBBLES, POCKET LOAMY VERY FINE SAND
WATER AT 60"
MOTTLING AT 40"
NO LEDGE

PERCOLATION RATE: 11.4 MIN./INCH

TEST HOLE 7
0-8" TOPSOIL
8"-22" FINE SANDY LOAM
22"-66" MOD. COMPACT GRAVELLY FINE SANDY LOAM, SOME LOAMY FINE SAND w/ COBBLES
WATER AT 24"
MOTTLING AT 23"
NO LEDGE

TEST HOLE 8
0-8" TOPSOIL
8"-24" SANDY LOAM & FINE SANDY LOAM
24"-96" MOD. COMPACT GRAVELLY LOAMY FINE SAND, SOME FINE SANDY LOAM, SOME FINE/MED. SAND w/ COBBLES
NO WATER
NO MOTTLING
NO LEDGE

PERCOLATION RATE: 16-20 MIN./INCH

TEST HOLE 11
0-12" TOPSOIL
12"-32" FINE SANDY LOAM
32"-80" MOTTLED GRAVELLY SANDY LOAM
80-84" GROUNDWATER
WATER AT 80"
MOTTLING AT 32"
NO LEDGE

TEST HOLE 12
0-12" TOPSOIL
12"-31" FINE SANDY LOAM
31"-76" MOTTLED GRAVELLY SANDY LOAM
76-80" GROUNDWATER
WATER AT 76"
MOTTLING AT 31"
NO LEDGE

TEST HOLE 15
0-9" TOPSOIL
9"-23" FINE SANDY LOAM
23"-81" MOTTLED GRAVELLY LOAMY SAND
NO WATER
MOTTLING AT 23"
NO LEDGE

TEST HOLE 16
0-12" TOPSOIL
12"-28" FINE SANDY LOAM
28"-70" MOTTLED GRAVELLY LOAMY SAND
NO WATER
MOTTLING AT 28"
NO LEDGE

TEST HOLE 17
0-9" TOPSOIL
9"-28" FINE SANDY LOAM
28"-70" MOTTLED FINE SANDY LOAM w/ GRAVEL
70"-78" GROUNDWATER
WATER AT 70"
MOTTLING AT 28"
NO LEDGE

PERCOLATION RATE: 10 MIN./INCH

NOTE:
ADDITIONAL PERCOLATION TESTS AT DEPTHS ABOVE RESTRICTIVE LAYER TO BE PERFORMED ON LOTS 1 AND 3 AT THE TIME OF LOT DEVELOPMENT.

NOTES:

1. THIS MAP AND SURVEY HAVE BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300b-1 THRU 20-300b-20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES - "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT", AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. IT IS A GENERAL LOCATION SURVEY BASED ON A DEPENDENT RESURVEY AND ORIGINAL SURVEY CONFORMING TO HORIZONTAL ACCURACY CLASS B. SEE SHEET 2 FOR PROPERTY LINE INFORMATION. TOPOGRAPHIC FEATURES DEPICTED HEREON WERE TAKEN FROM NOAA LIDAR DATA WITH FIELD VERIFICATION AND CONFORM TO TOPOGRAPHIC ACCURACY CLASS T-3.
VERTICAL DATUM IS NAVD88.

2. ZONING DISTRICT: RA

3. PROPOSED IMPROVEMENTS ARE CONCEPTUAL LOCATIONS TO SHOW LOT SUITABILITY ONLY.

4. SOLAR ACCESS WAS CONSIDERED IN THE DESIGN OF THIS SUBDIVISION.

5. THE INLAND WETLANDS AND WATERCOURSES WERE FIELD DELINEATED IN NOVEMBER 2019 BY JOSEPH R. THEROUX, CPSS.

6. MAXIMUM DRIVEWAY GRADE PERMITTED IS 12%. GRADES OF 10% OR GREATER ARE TO BE PAVED.

7. SEE SHEET 4 FOR EROSION & SEDIMENT CONTROL PLAN.

8. THERE ARE NO APPARENT EXISTING OR PROPOSED WELLS WITHIN 75 FEET OF THE PROPOSED SEPTIC AREAS DEPICTED. THERE ARE NO APPARENT SEPTIC AREAS WITHIN 75 FEET OF THE PROPOSED WELL LOCATIONS DEPICTED.

9. IF UNDERGROUND UTILITIES ARE INSTALLED, NO TRENCH SHALL BE LOCATED WITHIN 25' OF A SEPTIC SYSTEM OR WELL.

Killingly Engineering Associates
114 Westcott Road
P.O. Box 421
Dayville, Connecticut 06241
860 779 7299

NORMAND THIBEAULT, JR., P.E. No. 22834 DATE

APPROVED BY THE BROOKLYN INLAND WETLANDS AND WATERCOURSES COMMISSION.

CHAIRMAN DATE

APPROVED BY THE BROOKLYN PLANNING & ZONING COMMISSION

CHAIRMAN DATE

PER SECTION 8-26 OF THE CONNECTICUT GENERAL STATUTES, AMENDED, APPROVAL AUTOMATICALLY EXPIRES IF ALL PHYSICAL IMPROVEMENTS REQUIRED BY THIS PLAN ARE NOT COMPLETED BY THAT DATE

STATE OF CONNECTICUT · PAUL A. TERWILLIGER · No. 70155 · LICENSED · LAND SURVEYOR

TO THE BEST OF MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

PAUL A. TERWILLIGER, L.S. NO. 70155 — 6/16/2020 DATE

NO CERTIFICATION IS EXPRESSED OR IMPLIED UNLESS THIS MAP BEARS THE EMBOSSED SEAL OF THE LAND SURVEYOR WHOSE SIGNATURE APPEARS HEREON.

GENERAL LOCATION SURVEY

LOT DEVELOPMENT PLAN
SUBDIVISION OF LAND
PREPARED FOR

DAVID P. BELL
AND
NANCY M. BELL

PRINCE HILL ROAD

BROOKLYN , CONNECTICUT

DATE: JUNE 2020

SCALE: 1" = 40'

0 20' 40' 80' 120'

SURVEYING • MAPPING • PLOT PLANS • TOPOGRAPHY • SUBDIVISION
LAND RECORD RESEARCH
PCS survey associates llc
email: pcsurvey@snet.net
63 SNAKE MEADOW RD
KILLINGLY, CT 06239
860 774 6230

SHEET NO: 3 OF 4
REVISED:
7/6/2020 - OPEN SPACE

JOB NO: 18015 | F.B. NO: N/A | DRAWN BY: P.A.T. | MAP NO:

REFERENCE IS MADE TO:

1. CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, MAY 2002.
2. SOIL SURVEY OF WINDHAM COUNTY CONNECTICUT, U.S.D.A. SOIL CONSERVATION SERVICE 1983.

DEVELOPMENT

PROPOSED DEVELOPMENT WILL CREATE THREE 2 ACRE BUILDING LOTS.

CONSTRUCTION SEQUENCE:

1. INSTALL EROSION AND SEDIMENT CONTROL STRUCTURES ALONG THE PROPOSED LIMITS OF DISTURBANCE.
2. PROVIDE ANTI TRACKING PAD AND TEMPORARY POWER TO THE SITE.
3. REMOVE AND STOCKPILE TOPSOIL AND INSTALL SEDIMENT BARRIER.
4. EXCAVATE FOUNDATION AND BEGIN HOUSE CONSTRUCTION.
5. INSTALL SEPTIC SYSTEM AND WELL.
6. INSTALL DRIVEWAY AND UTILITIES TO THE RESIDENCE.
7. LOAM, SEED & MULCH DISTURBED AREAS.
8. REMOVE EROSION AND SEDIMENT CONTROL.

GENERAL DEVELOPMENT PLAN

PRIOR TO THE COMMENCEMENT OF OPERATIONS IN ACCORDANCE WITH ANY PERMIT ISSUED BY THE TOWN OF BROOKLYN PLANNING AND ZONING COMMISSION, THE CONTRACTOR SHALL INSTALL ALL EROSION AND SEDIMENT CONTROL DEVICES.

THE CONTRACTOR SHALL OBTAIN A SITE INSPECTION FROM THE TOWN OF BROOKLYN ZONING ENFORCEMENT OFFICER OR WETLANDS AGENT TO ENSURE THAT ALL EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED IN ACCORDANCE WITH THIS NARRATIVE. UPON APPROVAL WITH RESPECT TO THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES, THE CONTRACTOR MAY COMMENCE OPERATIONS PURSUANT TO THE PERMIT. EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE "SILT FENCE INSTALLATION & MAINTENANCE" AND "HAY BALE INSTALLATION & MAINTENANCE" SECTIONS OF THIS NARRATIVE.

ALL STRIPPING IS TO BE CONFINED TO THE IMMEDIATE CONSTRUCTION AREA. TOPSOIL SHALL BE STOCKPILED SO THAT SLOPES DO NOT EXCEED 2 TO 1. THERE SHALL BE NO BURIAL OF STUMPS. A HAY BALE SEDIMENT BARRIER IS TO SURROUND EACH STOCKPILE AND A TEMPORARY VEGETATIVE COVER PROVIDED IF NECESSARY.

DUST CONTROL WILL BE ACCOMPLISHED BY SPRAYING WITH WATER.

FINAL STABILIZATION OF THE SITE IS TO FOLLOW THE PROCEDURES OUTLINED IN PERMANENT VEGETATIVE COVER. IF NECESSARY A TEMPORARY VEGETATIVE COVER IS TO BE PROVIDED UNTIL A PERMANENT COVER CAN BE APPLIED.

DURING THE STABILIZATION PERIOD, ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN PROPER WORKING ORDER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING ALL EROSION AND SEDIMENT CONTROL ON A TWICE-WEEKLY BASIS DURING THE STABILIZATION PERIOD AND AFTER EACH STORM EVENT. DURING THE STABILIZATION PERIOD WITH RESPECT TO THE SITE, ANY EROSION WHICH OCCURS WITHIN DISTURBED AREAS SHALL BE IMMEDIATELY REPAIRED, RESEEDED AND RE-ESTABLISHED.

ALL DISTURBED SLOPES SHALL BE STABILIZED WITHIN ONE SEASON (SPRING OR FALL) OF THE COMPLETION OF THE PROJECT BEFORE A CERTIFICATE OF COMPLIANCE WILL BE ISSUED.

ONCE STABILIZATION HAS BEEN COMPLETED AND APPROVED BY THE TOWN OF BROOKLYN ZONING ENFORCEMENT OFFICER, EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED BY THE CONTRACTOR.

SILT FENCE INSTALLATION AND MAINTENANCE:

1. DIG A 6" DEEP TRENCH ON THE UPHILL SIDE OF THE BARRIER LOCATION.

2. POSITION THE POSTS ON THE DOWNHILL SIDE OF THE BARRIER AND DRIVE THE POSTS 1.5 FEET INTO THE GROUND.

3. LAY THE BOTTOM 6" OF THE FABRIC IN THE TRENCH TO PREVENT UNDERMINING AND BACKFILL.

4. INSPECT AND REPAIR BARRIER AFTER HEAVY RAINFALL.

5. INSPECTIONS WILL BE MADE AT LEAST ONCE PER WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.5 INCH OR GREATER TO DETERMINE MAINTENANCE NEEDS.

6. SEDIMENT DEPOSITS ARE TO BE REMOVED WHEN THEY REACH A HEIGHT OF 1 FOOT BEHIND THE BARRIER OR HALF THE HEIGHT OF THE BARRIER AND ARE TO BE DEPOSITED IN AN AREA WHICH IS NOT REGULATED BY THE INLAND WETLANDS COMMISSION.

7. REPLACE OR REPAIR THE FENCE WITHIN 24 HOURS OF OBSERVED FAILURE. FAILURE OF THE FENCE HAS OCCURRED WHEN SEDIMENT FAILS TO BE RETAINED BY THE FENCE BECAUSE:
- THE FENCE HAS BEEN OVERTOPPED, UNDERCUT OR BYPASSED BY RUNOFF WATER,
- THE FENCE HAS BEEN MOVED OUT OF POSITION, OR
- THE GEOTEXTILE HAS DECOMPOSED OR BEEN DAMAGED.

HAY BALE INSTALLATION AND MAINTENANCE:

1. BALES SHALL BE PLACED AS SHOWN ON THE PLANS WITH THE ENDS OF THE BALES TIGHTLY ABUTTING EACH OTHER.

2. EACH BALE SHALL BE SECURELY ANCHORED WITH AT LEAST 2 STAKES AND GAPS BETWEEN BALES SHALL BE WEDGED WITH STRAW TO PREVENT WATER FROM PASSING BETWEEN THE BALES.

3. INSPECT BALES AT LEAST ONCE PER WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.5 INCHES OR GREATER TO DETERMINE MAINTENANCE NEEDS.

4. REMOVE SEDIMENT BEHIND THE BALES WHEN IT REACHES HALF THE HEIGHT OF THE BALE AND DEPOSIT IN AN AREA WHICH IS NOT REGULATED BY THE INLAND WETLANDS COMMISSION.

5. REPLACE OR REPAIR THE BARRIER WITHIN 24 HOURS OF OBSERVED FAILURE. FAILURE OF THE BARRIER HAS OCCURRED WHEN SEDIMENT FAILS TO BE RETAINED BY THE BARRIER BECAUSE:
- THE BARRIER HAS BEEN OVERTOPPED, UNDERCUT OR BYPASSED BY RUNOFF WATER,
- THE BARRIER HAS BEEN MOVED OUT OF POSITION, OR
- THE HAY BALES HAVE DETERIORATED OR BEEN DAMAGED.

TEMPORARY VEGETATIVE COVER

A TEMPORARY SEEDING OF RYE GRASS WILL BE COMPLETED WITHIN 15 DAYS OF THE FORMATION OF STOCKPILES. IF THE SOIL HAS BEEN COMPACTED BY CONSTRUCTION OPERATIONS IT SHALL BE LOOSENED TO A DEPTH OF 2 INCHES BEFORE THE FERTILIZER, LIME AND SEED IS APPLIED. 10-10-10 FERTILIZER AT A RATE OF 7.5 POUNDS PER 1000 S.F. LIMESTONE AT A RATE OF 90 LBS. PER 1000 S.F. SHALL BE USED. RYE GRASS APPLIED AT A RATE OF 1 LB. PER 1000 S.F. SHALL PROVIDE THE TEMPORARY VEGETATIVE COVER. STRAW FREE FROM WEEDS AND COARSE MATTER SHALL BE USED AT A RATE OF 70-90 LBS. PER 1000 S.F. AS A TEMPORARY MULCH. APPLY A JUTE NETTING COVER TO SLOPES OF 3:1 OR GREATER SLOPE.

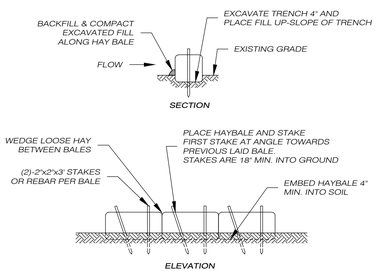
PERMANENT VEGETATIVE COVER

TOPSOIL WILL BE REPLACED ONCE THE EXCAVATION AND FILL PLACEMENT HAS BEEN COMPLETED AND THE SLOPES ARE GRADED TO A SLOPE NO GREATER THAN 2 TO 1. PROVIDE SLOPE PROTECTION ON ALL CUT SLOPES. TOPSOIL WILL BE SPREAD AT A MINIMUM COMPACTED DEPTH OF 4 INCHES. ONCE THE TOPSOIL HAS BEEN SPREAD, ALL STONES TWO INCHES OR LARGER IN ANY DIMENSION WILL BE REMOVED AS WELL AS DEBRIS, APPLY AGRICULTURAL GROUND LIMESTONE AT THE RATE OF TWO TONS PER ACRE OR 100 LBS. PER 1000 S.F. APPLY 10-10-10 FERTILIZER OR EQUIVALENT AT A RATE OF 300 LBS. PER ACRE OR 7.5 LBS. PER S.F. WORK LIMESTONE INTO THE SOIL TO A DEPTH OF 4 INCHES. INSPECT SEEDBED BEFORE SEEDING. IF TRAFFIC HAS COMPACTED THE SOIL, RETILL COMPACTED AREAS. APPLY THE FOLLOWING GRASS SEED MIX:

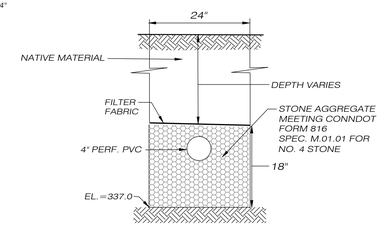
SEED MIXTURE	LBS./ACRE	LBS./1000 S.F.
KENTUCKY BLUEGRASS	20	0.45
CREEPING RED FESCUE	20	0.45
PERENNIAL RYEGRASS	5	0.10
	45	1.00

THE RECOMMENDED SEEDING DATES ARE: APRIL 1 - JUNE 15 AND AUGUST 1 - SEPTEMBER 15

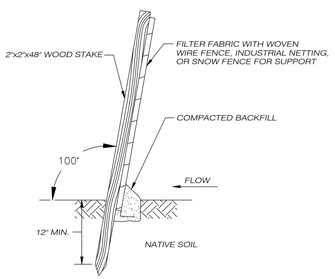
FOLLOWING SEEDING MULCH WITH WEED FREE STRAW AND APPLY A JUTE NETTING COVER TO AREAS OF 3:1 OR GREATER SLOPE



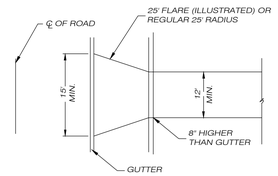
HAY BALE BARRIER DETAIL
NOT TO SCALE

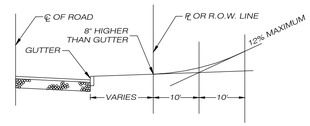


CURTAIN DRAIN - LOT 3
NOT TO SCALE

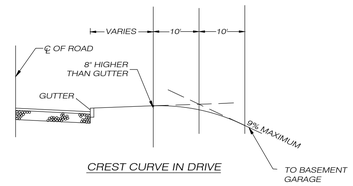


SILT FENCE SECTION
NOT TO SCALE



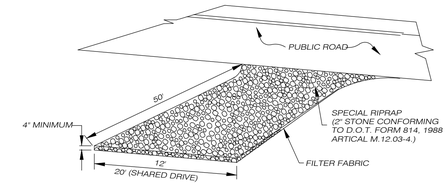


SAG CURVE IN DRIVE

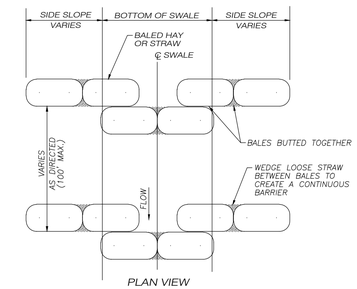


CREST CURVE IN DRIVE

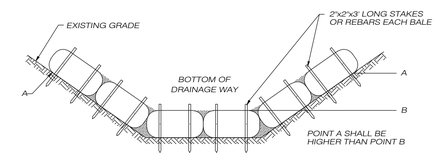
RESIDENTIAL DRIVEWAY DETAIL
NOT TO SCALE



ANTI-TRACKING PAD
NOT TO SCALE



PLAN VIEW



HAYBALE CHECK DAM
NOT TO SCALE

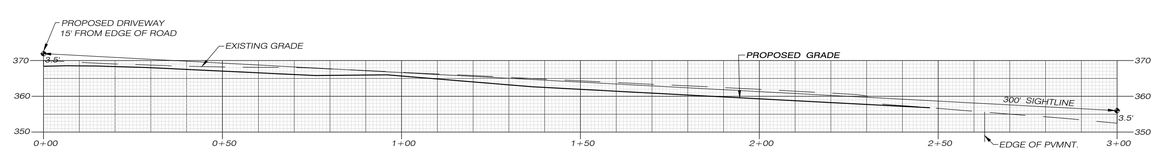
APPROVED BY THE BROOKLYN INLAND WETLANDS AND WATERCOURSES COMMISSION.

CHAIRMAN DATE

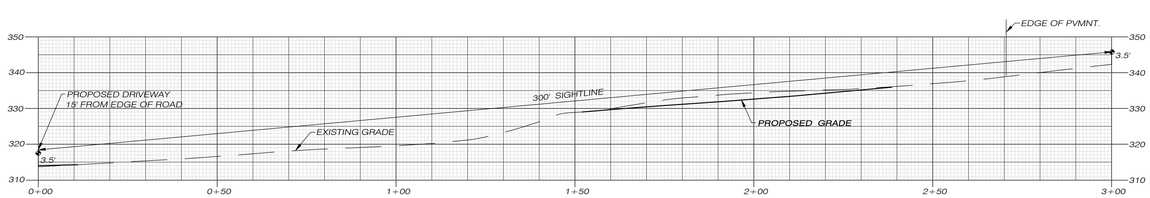
APPROVED BY THE BROOKLYN PLANNING & ZONING COMMISSION

CHAIRMAN DATE

PER SECTION 8-26 OF THE CONNECTICUT GENERAL STATUTES, AMENDED, APPROVAL AUTOMATICALLY EXPIRES _____ IF ALL PHYSICAL IMPROVEMENTS REQUIRED BY THIS PLAN ARE NOT COMPLETED BY THAT DATE



LOT 1 & 2 DRIVEWAY SIGHTLINE EAST
1" = 20'



LOT 3 DRIVEWAY SIGHTLINE WEST
1" = 20'

Killingly Engineering Associates
114 Westcott Road
P.O. Box 421
Dayville, Connecticut 06241
860 779 7299

NORMAND THIBEAULT, JR., P.E. No. 22834 DATE

SUBDIVISION OF LAND

E&S CONTROL / DETAILS

PREPARED FOR

DAVID P. BELL

AND

NANCY M. BELL

PRINCE HILL ROAD

BROOKLYN , CONNECTICUT

DATE: JUNE 2020

SCALE: 1" = AS NOTED

0 1/2" 1" 2" 3"

SURVEYING • MAPPING • PLOT PLANS
LAND RECORD RESEARCH • TOPOGRAPHY • SUBDIVISION
survey associates llc
email: pcsurvey@snet.net
63 SNAKE MEADOW RD
KILLINGLY, CT 06239
860 774 6230

SHEET NO: 4 OF 4

REVISED:

JOB NO: 18015	F.B. NO: N/A	DRAWN BY: P.A.T.	MAP NO:

Connecticut Department of
ENERGY & ENVIRONMENTAL PROTECTION

GIS CODE #: ___ ___ ___ ___ ___ ___ ___ ___ ___
For DEEP Use Only

79 Elm Street • Hartford, CT 06106-5127 www.ct.gov/deep Affirmative Action/Equal Opportunity Employer

Statewide Inland Wetlands & Watercourses Activity Reporting Form

Please complete - print clearly - and mail this form in accordance with the instructions on pages 2 and 3 to:
Wetlands Management Section, Inland Water Resources Division, CT DEEP, 79 Elm Street – 3rd Floor, Hartford, CT 06106

PART I: To Be Completed By the Municipal Inland Wetlands Agency Only

1. DATE ACTION WAS TAKEN (enter one year and month): Year _____ Month _____
2. ACTION TAKEN (enter one code letter): _____
3. WAS A PUBLIC HEARING HELD (check one)? Yes ____ No ____
4. NAME OF AGENCY OFFICIAL VERIFYING AND COMPLETING THIS FORM:

   (type name) _____ (signature) _____

PART II: To Be Completed By the Municipal Inland Wetlands Agency or the Applicant

5. TOWN IN WHICH THE ACTION IS OCCURRING (type name): BROOKLYN

   Does this project cross municipal boundaries (check one)? Yes ____ No X

   If Yes, list the other town(s) in which the action is occurring (type name(s)): _____, _____
6. LOCATION (see directions for website information): USGS Quad Map Name: DANIELSON or Quad Number: 43

   Subregional Drainage Basin Number: 3700 , 3711
7. NAME OF APPLICANT, VIOLATOR OR PETITIONER (type name): DAVID BELL
8. NAME & ADDRESS/LOCATION OF PROJECT SITE (type information): PRINCE HILL RD SUBDIVISION

   Briefly describe the action/project/activity (check and type information): Temporary ____ Permanent X

   Description: 3 LOT RESIDENTIAL SUBDIVISION
9. ACTIVITY *PURPOSE* CODE (enter one code letter): B
10. ACTIVITY *TYPE* CODE(S) (enter up to four code numbers): 1, 2, 12, 14
11. WETLAND / WATERCOURSE AREA ALTERED (type in acres or linear feet as indicated):

    Wetlands: 0 acres Open Water Body: 0 acres Stream: 0 linear feet
12. UPLAND AREA ALTERED (type in acres as indicated): 3 acres
13. AREA OF WETLANDS / WATERCOURSES RESTORED, ENHANCED OR CREATED (type in acres as indicated): 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

REV. 3/2013

NORTHEASTERN CONNECTICUT COUNCIL OF GOVERNMENTS

ENGINEERING PLAN REVIEW
PERTAINING TO A
3-LOT SUBDIVISION
(ASSESSOR'S MAP 34, LOT 52)
PRINCE HILL ROAD
BROOKLYN, CT

(July 12, 2020)

The comments contained herein pertain to my review of plans for a 3-lot residential subdivision on Prince Hill Road in Brooklyn, Connecticut, consisting of four (4) sheets, prepared for David P. Bell and Nancy M. Bell by PC Survey Associates, LLC and Killingly Engineering Associates, dated June 220. My comments are as follows:

Sheet 2 of 4 – Subdivision Map

1. It is recommended that the Conservation Easement boundary across Lot Nos. 2 and 3 be marked with durable aluminum signs, no less than 12" wide in any dimension, mounted on pressure treated posts at beginning and end points, angle points and intervals between said points at a distance of no more than 100' apart.

Sheet 3 of 4 – Lot Development Plan

1. Below the test hole data listing, there is a note that states "*Additional percolation tests at depths above restrictive later to be performed on Lots 1 and 3 at the time of lot development.*" Why is this caveat here and is there a potential negative impact on building a house on this lot? Please explain.

Sheet 3 of 4 – E&S Controls / Details

1. In the "Curtain Drain – Lot 3" detail, it is recommended that a detectable warning tape be placed over the PVC pipe to allow tracing once it is buried.

2. Again, in the "Curtain Drain – Lot 3" detail, how are the perforations to be oriented – up or down? Also, the current Connecticut Department of Transportation publication is Form 818, thus the note should be corrected.

3. In the "Anti-Tracking Pad" detail, the note regarding special riprap, change Form 814 to Form 818 and recheck the Material Article to ensure the reference is correct in the latest Form.

4. In the "Residential Driveway Detail," it should be noted that side slopes in cut or fill shall be no steeper than 3H:1V and a reference be made to the Brooklyn Public Improvement Specifications.

General Comment

1. The signature and seal of the professional engineer is missing on the plans. Also, the soil scientist signature block is missing. These should be added to the plans.

By: P.E. 7/12/2020
Syl Pauley, Jr., P.E., NECCOG Regional Engineer

Brooklyn Land Use Department

69 South Main Street
Brooklyn CT 06234
(860) 779-3411 x 31

Inland Wetlands ✓ Zoning Enforcement_____ Blight Enforcement_____

SITE INSPECTION NUMBER (1) 2 3 4 5

Prince Hill Rd SUBD — Address

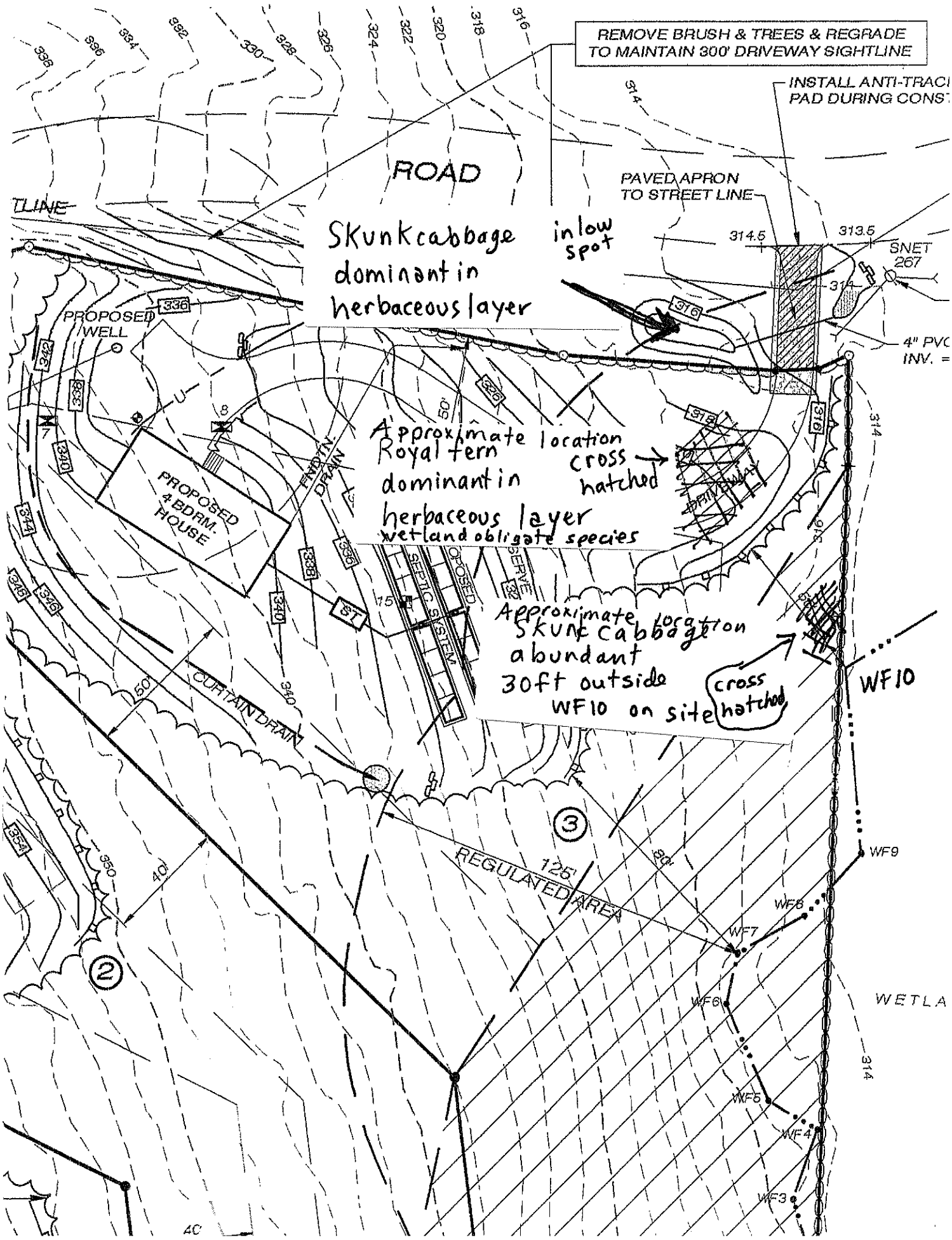
7-16-2020 — Date

I inspected and took photos with Paul Terwilliger. There is a low spot south of the driveway entrance to Lot 3. It is on Town land. Skunk cabbage was dominant in the herbaceous layer - see attached sketch. If a wetland, this would project an upland review area onto the site. Royal fern, a wetland obligate species found in wetlands 99% of the time according to the US Fish + Wildlife Service, is abundant in the area indicated on the sketch as uplands.

Skunk cabbage was abundant 30 ft outside WF10 on the site. The area where it was observed is shown on the attached sketch. Skunk cabbage also grows in wetlands 99% of the time according to the U.S. F+W.S.

Commission Representative M. Washburn

Owner or Authorized Signature _____


REMOVE BRUSH & TREES & REGRADE TO MAINTAIN 300' DRIVEWAY SIGHTLINE
INSTALL ANTI-TRACI PAD DURING CONST
ROAD
PAVED APRON TO STREET LINE
Skunkcabbage dominant in herbaceous layer
inlow spot
314.5
313.5
SNET 267
4" PVC INV. =
PROPOSED WELL
PROPOSED 4 BDRM. HOUSE
FNDTN DRAIN
Approximate location Royal fern dominant in herbaceous layer wetland obligate species
cross hatched
DRIVEWAY
PROPOSED SEPTIC SYSTEM
RESERVE
Approximate location Skunk cabbage abundant 30ft outside WF10 on site
cross hatched
WF10
CURTAIN DRAIN
REGULATED AREA
WF9
WF8
WF7
WF6
WF5
WF4
WF3
WETLA

outside flagged wetlands

WF 10

outside flagged wetlands

low spot on town Land

outside flagged wetlands

INLAND WETLANDS & WATERCOURSES COMMISSION
TOWN OF BROOKLYN, CONECTICUT

Date _____ Application # _____

APPLICATION -- INLAND WETLANDS & WATERCOURSES

APPLICANT David & Nancy Bell MAILING ADDRESS PO Box 358, Brooklyn, CT 06234
APPLICANT'S INTEREST IN PROPERTY owner PHONE 860 774 3838 _____ EMAIL _____

PROPERTY OWNER IF DIFFERENT SAME PHONE _____ _____
MAILING ADDRESS _____ EMAIL _____

ENGINEER/SURVEYOR (IF ANY) pc survey associates, llc
ATTORNEY (IF ANY) _____

PROPERTY LOCATION/ADDRESS Church Street
MAP # 35 LOT # 4 ZONE RA TOTAL ACRES 25.56 ACRES OF WETLANDS ON PROPERTY 2

PURPOSE AND DESCRIPTION OF THE ACTIVITY 3 Lot Subdivision

WETLANDS EXCAVATION AND FILL:
FILL PROPOSED n/a CUBIC YDS _____ SQ FT _____
EXCAVATION PROPOSED n/a CUBIC YDS _____ SQ FT _____
LOCATION WHERE MATERIAL WILL BE PLACED: ON SITE _____ OFF SITE _____
TOTAL REGULATED AREA ALTERED: SQ FT 0 ACRES 0

EXPLAIN ALTERNATIVES CONSIDERED (REQUIRED): n/a

MITIGATION MEASURES (IF REQUIRED): WETLANDS/WATERCOURSES CREATED: CY _____ SQFT _____ ACRES _____

IS PARCEL LOCATED WITHIN 500FT OF AN ADJOINING TOWN? no IF YES, WHICH TOWN(S) _____
IS THE ACTIVITY LOCATED WITHIN THE WATERSHED OF A WATER COMPANY AS DEFINED IN CT GENERAL STATUTES 25-32A? no

THE OWNER AND APPLICANT HEREBY GRANT THE BROOKLYN IWWC, THE BOARD OF SELECTMAN AND THEIR AUTHORIZED AGENTS PERMISSION TO ENTER THE SUBJECT PROPERTY FOR THE PURPOSE OF INSPECTION AND ENFORCEMENT OF THE IWWC REGULATIONS OF THE TOWN OF BROOKLYN. IF THE COMMISSION DETERMINES THAT OUTSIDE REVIEW IS REQUIRED, APPLICANT WILL PAY CONSULTING FEE.

NOTE: DETERMINATION THAT THE INFORMATION PROVIDED IS INACCURATE MAY INVALIDATE THE IWWC DECISION AND RESULT IN ENFORCEMENT ACTION.

APPLICANT: X David P Bell DATE 7.6.20

OWNER: X David P. Bell DATE 7.6.20

REQUIREMENTS

_____ APPLICATION FEE $_____ STATE FEE ($60.00) _____

_____ COMPLETION OF CT DEEP REPORTING FORM

_____ ORIGINAL PLUS COPIES OF ALL MATERIALS REQUIRED - **NUMBER TO BE DETERMINED BY STAFF**

_____ PRE-APPLICATION MEETING WITH THE WETLANDS AGENT IS RECOMMENDED TO EXAMINE THE SCOPE OF THE ACTIVITY

_____ SITE PLAN SHOWING LOCATION OF THE WETLANDS WITH EXISTING AND PROPOSED CONDITIONS. APPLICANT MAY BE REQUIRED TO HAVE A CERTIFIED **SOIL SCIENTIST IDENTIFY THE WETLANDS.**

_____ COMPLIANCE WITH THE CONNECTICUT EROSION & SEDIMENTATION CONTROL MANUAL

_____ IF THE PROPOSED ACTIVITY IS DEEMED TO BE A "SIGNIFICANT IMPACT ACTIVITY" A PUBLIC HEARING IS REQUIRED ALONG WITH THE FOLLOWING INFORMATION:

- NAMES AND ADDRESSES OF ABUTTING PROPERTY OWNERS
- ADDITIONAL INFORMATION AS CONTAINED IN IWWC REGULATIONS ARTICLE 7.6

ADDITIONAL INFORMATION/ACTION NEEDED:

_____

_____

_____

OTHER APPLICATIONS MAY BE REQUIRED. CONTACT THESE AGENCIES FOR FURTHER INFORMATION:

APPLICATION TO STATE OF CONNECTICUT DEEP
INLAND WATER RESOURCES DIVISION
79 ELM ST.
HARTFORD, CT. 06106
1-860-424-3019

DEPARTMENT OF THE ARMY CORPS OF ENGINEERS
696 VIRGINIA ROAD
CONCORD, MA. 01742
1-860-343-4789

STAFF USE ONLY:

_____ DECLARATORY RULING: AS OF RIGHT & NON-REGULATED USES (SEE IWWC REGULATIONS SECTION 4)

_____ PERMIT REQUIRED:

_____ AUTHORIZED BY STAFF/CHAIR (NO ACTIVITY IN WETLANDS/WATERCOURSE AND MINIMAL IMPACT)

_____ _____
CHAIR, BROOKLYN IWWC WETLANDS OFFICER

_____ AUTHORIZED BY IWWC

_____ SIGNIFICANT ACTIVITY/PUBLIC HEARING

_____ NO PERMIT REQUIRED

_____ OUTSIDE OF UPLAND REVIEW AREA

_____ NO IMPACT

_____ _____
CHAIR, BROOKLYN IWWC WETLANDS OFFICER

_____ TIMBER HARVEST

Michael G. Schaefer
Certified Professional Soil Scientist
138 Coomer Hill Road
Dayville, CT 06241

Telephone: 860 779 1219
May 29, 2006

Paul Terwilliger, L.S.
PC Survey Associates, LLC
154 S. Main Street
Danielson, CT 06239

RE: N/F (remaining land of) Kingswood Estates, Church Street, Brooklyn

Dear Mr. Terwilliger:

I delineated the wetlands on the above referenced property on May 27, 2006. The wetlands on the site include four isolated pockets and wetlands associated with an intermittent stream course. Flags 1 through 21 surround a wetland near the southwest corner of the property along the road (Church Street) frontage. This wooded wetland includes an area that is subject to seasonal ponding. The periphery of this wetland is characterized by wooded swamp vegetation. Flags 1A through 27A surround a wooded, long, narrow area of poorly drained Ridgebury and Leicester extremely stony fine sandy loams. No evidence of persistent surface water or concentrated flow was present within this wetland, which from a relative standpoint is of minimal functional value.

Flags 1B through 18B and 1C through 12C surround separate shallow ponds in the southeast corner of the property and northeast section of the property, respectively. These pool areas appear to be capable of supporting a variety of amphibians and reptiles, and an effort should be made to maintain a wooded corridor between these two areas and a similar area located off the southeast corner of the property (to the south).

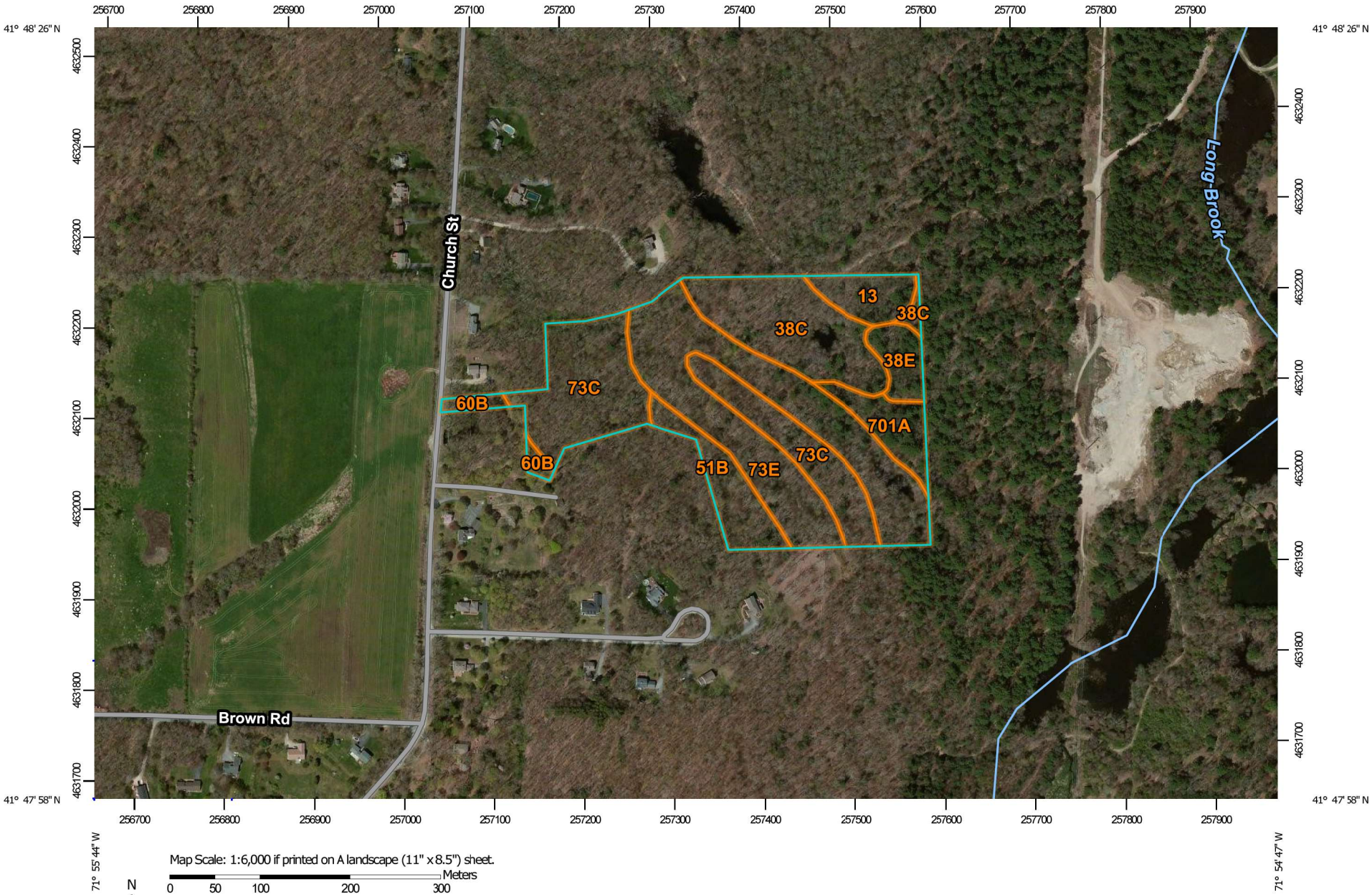
Lastly, an intermittent stream within a narrow band of wooded wetlands flows from west to east in the north-central potion of the property. Flags 1D through 19D and 1E through 17E flank the south and north sides of the wetlands, respectively. This stream originates north of the project site and enters onto the property near Church Street. The wetlands narrow considerably proceeding eastward because the soils transition from glacial till to outwash in this area and consequently become more permeable and freely draining.

Please feel free to contact me if you have any questions.

Sincerely,

Michael G. Schaefer, Sr., CPSS

Soil Map—State of Connecticut
(BELL - CHURCH STREET SUBDIVISION)



Map Scale: 1:6,000 if printed on A landscape (11" x 8.5") sheet.

Meters: 0 50 100 200 300

Feet: 0 250 500 1000 1500

N

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

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.

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 19, Sep 13, 2019

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

Date(s) aerial images were photographed: Apr 14, 2011—Aug 27, 2016

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
13	Walpole sandy loam, 0 to 3 percent slopes	1.2	4.8%
38C	Hinckley loamy sand, 3 to 15 percent slopes	4.3	17.3%
38E	Hinckley loamy sand, 15 to 45 percent slopes	1.0	3.9%
51B	Sutton fine sandy loam, 0 to 8 percent slopes, very stony	1.8	7.3%
60B	Canton and Charlton fine sandy loams, 3 to 8 percent slopes	0.5	1.8%
73C	Charlton-Chatfield complex, 0 to 15 percent slopes, very rocky	6.4	25.6%
73E	Charlton-Chatfield complex, 15 to 45 percent slopes, very rocky	8.5	33.9%
701A	Ninigret fine sandy loam, 0 to 3 percent slopes	1.4	5.4%
Totals for Area of Interest		**25.1**	**100.0%**

ABUTTERS WITHIN 200' OF SUBDIVISION - BELL, CHURCH STREET

MAP 35, LOT 3
TURNER JOHN F III & SAVOLIS SARAH K
92 CHURCH ST
BROOKLYN CT 6234

MAP 35, LOT 4-15
BRAIS ERIC V & SIMONNE D
30 MALBONE LN
BROOKLYN CT 6234

MAP 35, LOT 7-1
BRENNAN MICHELE
132 CHURCH ST
BROOKLYN CT 6234

MAP 35, LOT 4-16
BESSETTE STEVEN W & ADRIENNE L
28 MALBONE LN
BROOKLYN CT 6234

MAP 35, LOT 4-14
GALLAGHER MICHELLE L & BILLY JAY
26 MALBONE LN
BROOKLYN CT 6234

MAP 35, LOT 7-8
GOYETTE PAMELA J & SCHOBER ANDREA E
136 CHURCH ST
BROOKLYN CT 6234

MAP 35, LOT 7
F C R REALTY LLC
110 DAY ST
BROOKLYN CT 6234

MAP 35, LOT 4-9
WILLIAMS DONALD E JR & LAURA L
41 MALBONE LN
BROOKLYN CT 6234

MAP 35, LOT 4-8
GREENE KENNETH N
38 MALBONE LN
BROOKLYN CT 06234-2535

MAP 35, LOT 2
ENNIS JOHN F & EGGERS FREDERICK S
289 PROVIDENCE RD
BROOKLYN CT 06234-1818

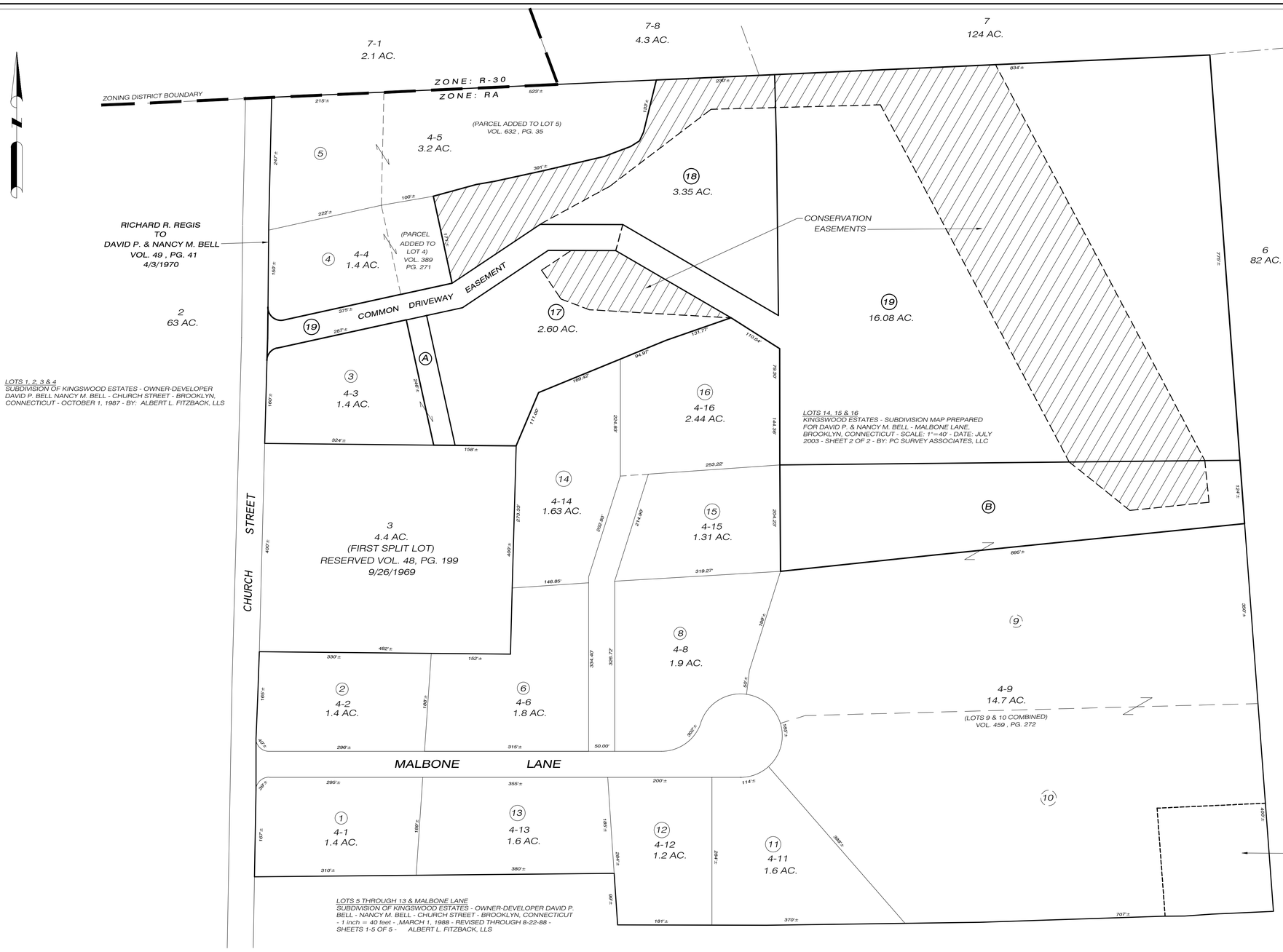
MAP 35, LOT 4-3
BELL DAVID P & NANCY M
P.O. BOX 358
BROOKLYN CT 06234-0844

MAP 41, LOT 6
F C R REALTY LLC
110 DAY ST
BROOKLYN CT 6234

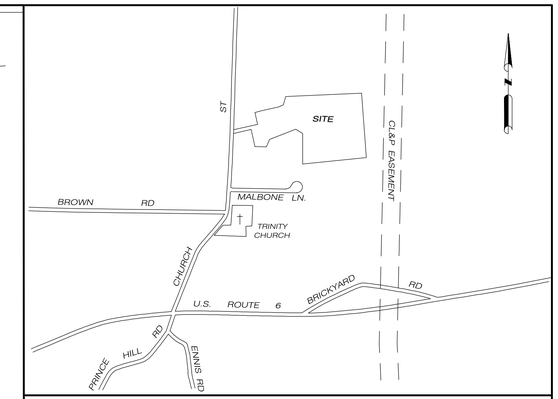
MAP 35, LOT 4-4
BURKART THOMAS & SUSAN
PO BOX 787
BROOKLYN CT 06234-0356

MAP 35, LOT 4-5
MURRAY DANIEL & RAINVILLE JESSIE
124 CHURCH ST
BROOKLYN CT 6234

SUBJECT PROPERTY MAP 35, LOT 4
BELL DAVID P & NANCY M
PO BOX 358
BROOKLYN CT 6234



PARCEL HISTORY MAP



LOCATION MAP SCALE: 1" = 1000'

NOTES:

1. THIS MAP AND SURVEY HAVE BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300b-1 THRU 20-300b-20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES - "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. IT IS A COMPILATION PLAN CONFORMING TO HORIZONTAL ACCURACY CLASS "D". THIS MAP HAS BEEN COMPILED FROM OTHER MAPS, DEED DIMENSIONS, AND OTHER SOURCES, IT IS NOT TO BE CONSTRUED AS HAVING BEEN OBTAINED AS THE RESULT OF A FIELD SURVEY AND IS SUBJECT TO SUCH CHANGE AS AN ACCURATE FIELD SURVEY MAY DISCLOSE.

2. PROPERTY LINES SHOWN BASED ON BROOKLYN ASSESSOR'S MAPPING.

3. ZONING DISTRICT: RA

4. TOTAL SUBDIVIDED AREA = 25.56± ACRES.

5. SUBDIVIDED PARCEL IS SHOWN AS MAP 35, LOT 4 OF THE TOWN OF BROOKLYN ASSESSOR'S MAPS.

6. KINGSWOOD ESTATES LOTS 1, 2, 3 & 4 WERE APPROVED 1/7/1988.

7. KINGSWOOD ESTATES LOTS 5,6,8,9,10,11,12 & 13 WERE APPROVED 10/20/1988.

8. KINGSWOOD ESTATES LOTS 14,15 & 16 WERE APPROVED 8/3/2003.

9. REFERENCE DEEDS: VOL. 49, PG. 41 AND VOL. 68, PG. 473 OF THE BROOKLYN LAND RECORDS.

OWNER/APPLICANT: DAVID P. & NANCY M. BELL
PO BOX 358
BROOKLYN, CT 06234

APPROVED BY THE BROOKLYN PLANNING & ZONING COMMISSION

CHAIRMAN DATE

PER SECTION 8-26 OF THE CONNECTICUT GENERAL STATUTES, AMENDED, APPROVAL AUTOMATICALLY EXPIRES _____ IF ALL PHYSICAL IMPROVEMENTS REQUIRED BY THIS PLAN ARE NOT COMPLETED BY THAT DATE

TO THE BEST OF MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

PAUL A. TERWILLIGER, L.L.S. NO. 70155 — DATE: 7/6/2020

NO CERTIFICATION IS EXPRESSED OR IMPLIED UNLESS THIS MAP BEARS THE EMBOSSED SEAL OF THE LAND SURVEYOR WHOSE SIGNATURE APPEARS HEREON.

KINGSWOOD ESTATES

COMPILATION PLAN

SUBDIVISION OF LAND
PREPARED FOR
DAVID P. BELL
&
NANCY M. BELL

CHURCH STREET
BROOKLYN, CONNECTICUT

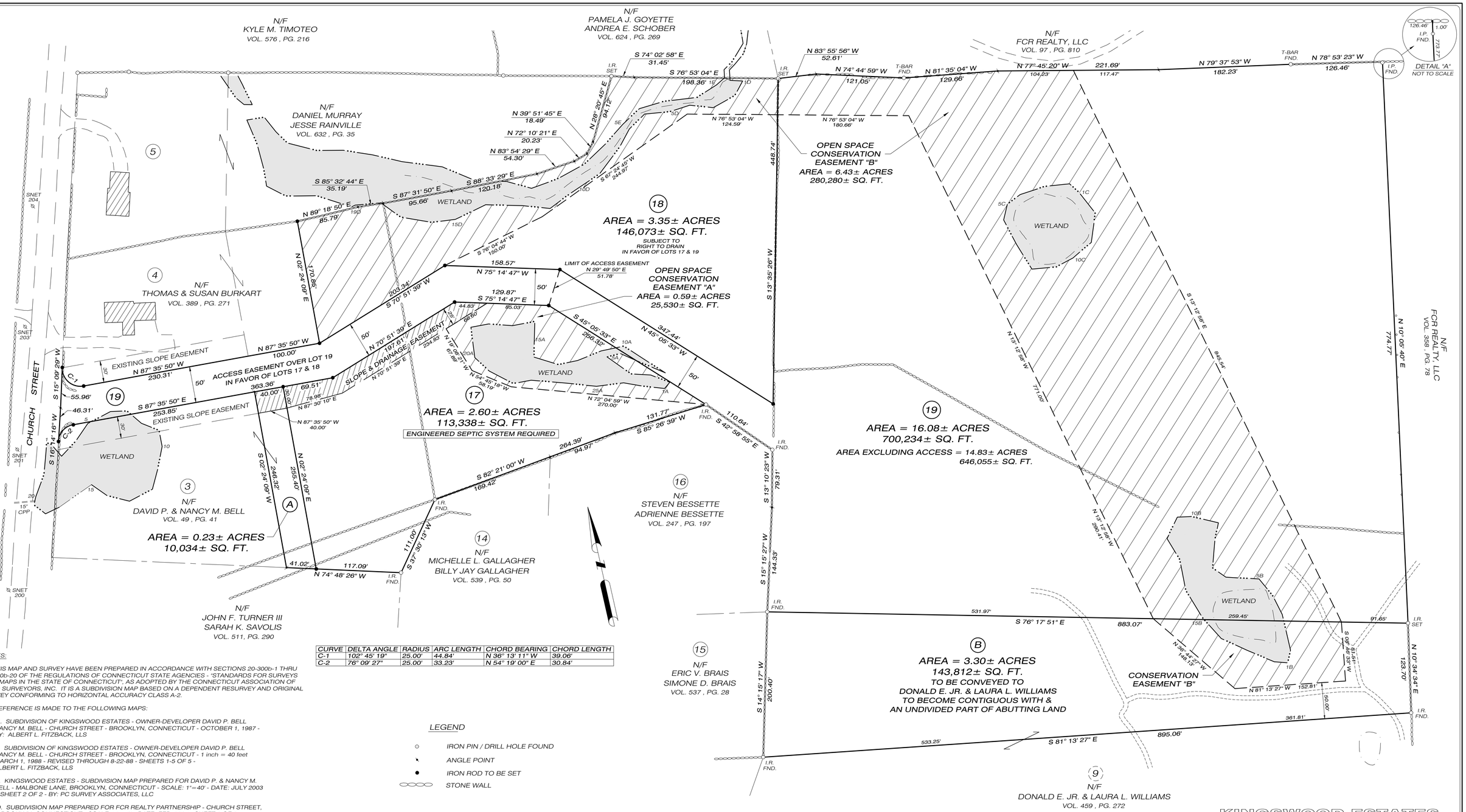
DATE: APRIL 2020
SCALE: 1" = 100'

0 50' 100' 200' 300'

SURVEYING • MAPPING • PLOT PLANS • TOPOGRAPHY • SUBDIVISION
LAND RECORD RESEARCH
PC Survey Associates LLC
email: pcsurvey@snet.net
63 SNAKE MEADOW RD
KILLINGLY, CT 06239
860 774 6230

SHEET NO: 1 OF 5
REVISED:
7/6/2020 - OPEN SPACE

JOB NO: 18016 | F.B. NO: 220, | DRAWN BY: P.A.T. | MAP NO:



CURVE	DELTA ANGLE	RADIUS	ARC LENGTH	CHORD BEARING	CHORD LENGTH
C-1	102° 45' 19"	25.00'	44.84'	N 36° 13' 11" W	39.06'
C-2	76° 09' 27"	25.00'	33.23'	N 54° 19' 00" E	30.84'

NOTES:

1. THIS MAP AND SURVEY HAVE BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300b-1 THRU 20-300b-20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES - "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT", AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. IT IS A SUBDIVISION MAP BASED ON A DEPENDENT RESURVEY AND ORIGINAL SURVEY CONFORMING TO HORIZONTAL ACCURACY CLASS A-2.

2. REFERENCE IS MADE TO THE FOLLOWING MAPS:

   A. SUBDIVISION OF KINGSWOOD ESTATES - OWNER-DEVELOPER DAVID P. BELL NANCY M. BELL - CHURCH STREET - BROOKLYN, CONNECTICUT - OCTOBER 1, 1987 - BY: ALBERT L. FITZBACK, LLS

   B. SUBDIVISION OF KINGSWOOD ESTATES - OWNER-DEVELOPER DAVID P. BELL NANCY M. BELL - CHURCH STREET - BROOKLYN, CONNECTICUT - 1 inch = 40 feet MARCH 1, 1988 - REVISED THROUGH 8-22-88 - SHEETS 1-5 OF 5 - ALBERT L. FITZBACK, LLS

   C. KINGSWOOD ESTATES - SUBDIVISION MAP PREPARED FOR DAVID P. & NANCY M. BELL - MALBONE LANE, BROOKLYN, CONNECTICUT - SCALE: 1"=40' - DATE: JULY 2003 - SHEET 2 OF 2 - BY: PC SURVEY ASSOCIATES, LLC

   D. SUBDIVISION MAP PREPARED FOR FCR REALTY PARTNERSHIP - CHURCH STREET, BROOKLYN, CONNECTICUT - SCALE: 1"=40' - DATE: FEB. 2007 - SHEET 2 OF 2 - REVISED 5/3/07 - BY: PC SURVEY ASSOCIATES, LLC

   E. MAP SHOWING LAND OF ROBERT J. WEAVER - BROOKLYN, CONNECTICUT - SCALE: 1"=40' - MARCH 1984 - MBK ASSOCIATES, INC.

3. TOTAL SUBDIVIDED AREA = 25.56± ACRES.

4. ZONING DISTRICT: RA

5. THIS SUBDIVISION IS NOT LOCATED WITHIN F.E.M.A.s 100-YEAR FLOOD HAZARD ZONE.

6. INLAND WETLANDS DEPICTED AS DELINEATED BY MICHAEL G. SCHAEFER, CPSS AND FIELD LOCATED MAY & JUNE 2006.

7. PARCEL 'A' & PARCEL 'B' ARE TO BE COMBINED WITH ABUTTING PROPERTIES PRIOR TO THE CONVEYANCE OF ABUTTING LOTS 17 AND 19 AND ARE NOT TO BE CONSTRUED AS SEPARATE BUILDING LOTS.

8. OPEN SPACE REQUIREMENTS ARE TO BE MET BY THE CREATION OF A CONSERVATION EASEMENT COVENANT . OPEN SPACE CONSERVATION EASEMENT AREAS = 27% OF SUBDIVIDED AREA.

9. A COMMON DRIVEWAY USE AND MAINTENANCE AGREEMENT SHALL BE RECORDED IN THE BROOKLYN LAND RECORDS PRIOR TO THE CONVEYANCE OF ANY LOT.

LEGEND

- IRON PIN / DRILL HOLE FOUND
- ANGLE POINT
- IRON ROD TO BE SET
- STONE WALL

APPROVED BY THE BROOKLYN PLANNING & ZONING COMMISSION

CHAIRMAN _____ DATE _____

PER SECTION 8-26 OF THE CONNECTICUT GENERAL STATUTES, AMENDED, APPROVAL AUTOMATICALLY EXPIRES IF ALL PHYSICAL IMPROVEMENTS REQUIRED BY THIS PLAN ARE NOT COMPLETED BY THAT DATE

TO THE BEST OF MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

PAUL A. TERWILLIGER, L.S. NO. 70155 — 4/30/2020 DATE

NO CERTIFICATION IS EXPRESSED OR IMPLIED UNLESS THIS MAP BEARS THE EMBOSSED SEAL OF THE LAND SURVEYOR WHOSE SIGNATURE APPEARS HEREON.

KINGSWOOD ESTATES

SUBDIVISION MAP

PREPARED FOR

DAVID P. BELL
&
NANCY M. BELL

CHURCH STREET

BROOKLYN, CONNECTICUT

DATE: APRIL 2020

SCALE: 1" = 60'

0 30' 60' 120' 180'

SURVEYING • MAPPING • PLOT PLANS • TOPOGRAPHY • SUBDIVISION • LAND RECORD RESEARCH •

PC Survey Associates, LLC

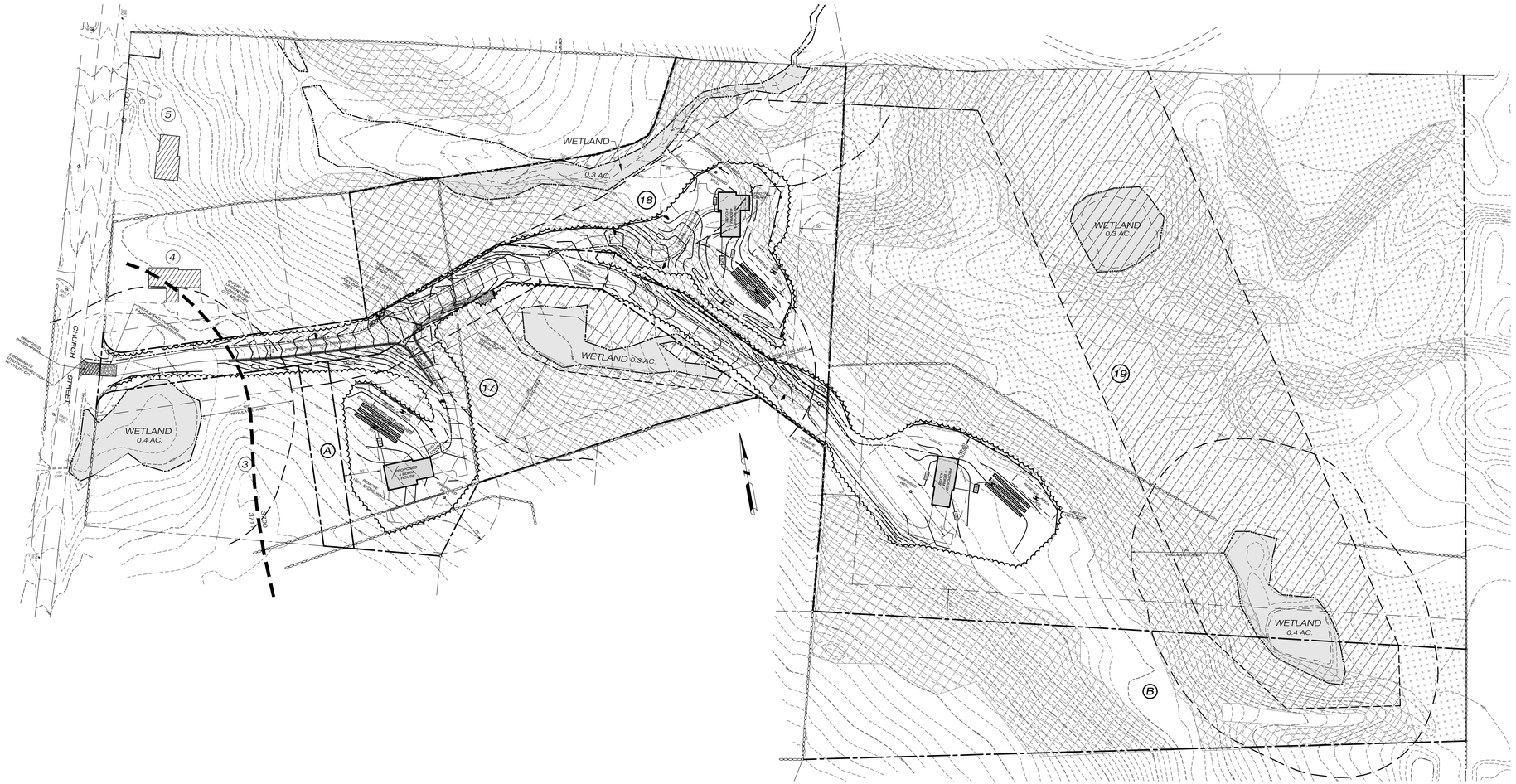
email: pcsurvey@snet.net

63 SNAKE MEADOW RD
KILLINGLY, CT 06239
860 774 6230

SHEET NO: 2 OF 5

REVISED:
7/6/2020 - OPEN SPACE

JOB NO: 18016 | F.B. NO: 220, | DRAWN BY: P.A.T. | MAP NO:



NOTES:

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2. ZONING DISTRICT: RA

3. PROPOSED IMPROVEMENTS ARE CONCEPTUAL LOCATIONS TO SHOW LOT SUITABILITY ONLY.

4. SOLAR ACCESS WAS CONSIDERED IN THE DESIGN OF THIS SUBDIVISION. THE HOUSE LOCATIONS DEPICTED ARE ONLY CONCEPTUAL IN NATURE AND IT IS UP TO THE LOT DEVELOPER TO TAKE ADVANTAGE OF THE PASSIVE SOLAR OPPORTUNITIES PRESENTED BY THESE LOTS AT THE TIME OF ACTUAL HOUSE CONSTRUCTION. THE DEVELOPER IS ENCOURAGED TO UTILIZE PASSIVE SOLAR TECHNIQUES AND IT IS RECOMMENDED THAT SUCH FACTORS AS HOUSE ORIENTATION, WINDOW LOCATION AND STYLE, CLEARING LIMITS AND POSITION ON THE LOT BE TAKEN INTO CONSIDERATION WHEN DEVELOPMENT OCCURS.

5. THE INLAND WETLANDS & WATERCOURSES WERE FIELD DELINEATED BY MICHAEL G. SCHAEFER, SOIL SCIENTIST AND FIELD LOCATED BY PC SURVEY ASSOCIATES, LLC IN MAY AND JUNE 2006.

6. MAXIMUM DRIVEWAY GRADE PERMITTED IS 12%. GRADES OF 10% OR GREATER ARE TO BE PAVED. PROPOSED DRIVEWAY GRADES DEPICTED ARE AT LESS THAN 10%.

SOILS WITHIN DEVELOPOMENT AREAS

CHARTLTON-CHATFIELD COMPLEX, 0-15% SLOPES, VERY ROCKY
FINE SANDY LOAM TO GRAVELLY FINE SANDY LOAM
WELL DRAINED, WATER TABLE GREATER THAN 80", BEDROCK 20" - 80"

SUTTON, 0-8% SLOPES, VERY STONY
FINE SANDY LOAM TO GRAVELLY SANDY LOAM
MODERATELY WELL DRAINED, WATER TABLE 12-27"

FARMLAND SOILS ON SUBDIVIDED PROPERTY

NINIGRET FINE SANDY LOAM, 0-3% SLOPES
CANTON & CHARLTON FINE SANDY LOAMS, 3-8% SLOPES
HINKLEY LOAMY SAND, 3-15% SLOPES
WALPOLE LOAMY SAND, 0-3% SLOPES

AREA OF FARMLAND SOILS: 10± ACRES

WETLAND SOILS ON SUBDIVIDED PROPERTY

RIDGEBURY & LEICESTER
WALPOLE

* SOILS INFORMATION AS TAKEN FROM USDA NRCS WEBSITE

APPROVED BY THE BROOKLYN INLAND WETLANDS & WATERCOURSES COMMISSION

CHAIRMAN _____ DATE _____

APPROVED BY THE BROOKLYN PLANNING & ZONING COMMISSION

CHAIRMAN _____ DATE _____

PER SECTION 8-26 OF THE CONNECTICUT GENERAL STATUTES, AMENDED, APPROVAL AUTOMATICALLY EXPIRES _____ IF ALL PHYSICAL IMPROVEMENTS REQUIRED BY THIS PLAN ARE NOT COMPLETED BY THAT DATE

LEGEND

- IRON PIN FOUND
- IRON ROD TO BE SET
- STONE WALL
- 202 EXISTING CONTOUR
- 202 PROPOSED CONTOUR
- 202.8 PROPOSED SPOT GRADE
- TEST PIT
- EROSION CONTROL BARRIER
- EDGE OF WETLAND
- PROPOSED UNDERGROUND UTILITIES
- SLOPES GREATER THAN 15%
- FARMLAND SOILS
- PROPOSED CLEARING LIMIT

TO THE BEST OF MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

PAUL A. TERWILLIGER, L.S. NO. 70155 — DATE 4/30/2020

NO CERTIFICATION IS EXPRESSED OR IMPLIED UNLESS THIS MAP BEARS THE EMBOSSED SEAL OF THE LAND SURVEYOR WHOSE SIGNATURE APPEARS HEREON.

KINGSWOOD ESTATES

COMPILATION MAP

LOT DEVELOPMENT AREAS
SUBDIVISION OF LAND
PREPARED FOR

DAVID P. BELL
NANCY M. BELL

CHURCH STREET

BROOKLYN, CONNECTICUT

DATE: APRIL 2020

SCALE: 1" = 80'

0 40' 80' 160' 240'

SURVEYING • MAPPING • PLOT PLANS
LAND RECORD RESEARCH • TOPOGRAPHY • SUBDIVISION
pc survey associates llc
email: pcsurvey@snet.net
63 SNAKE MEADOW RD
KILLINGLY, CT 06239
860 774 6230

SHEET NO: 3 OF 5

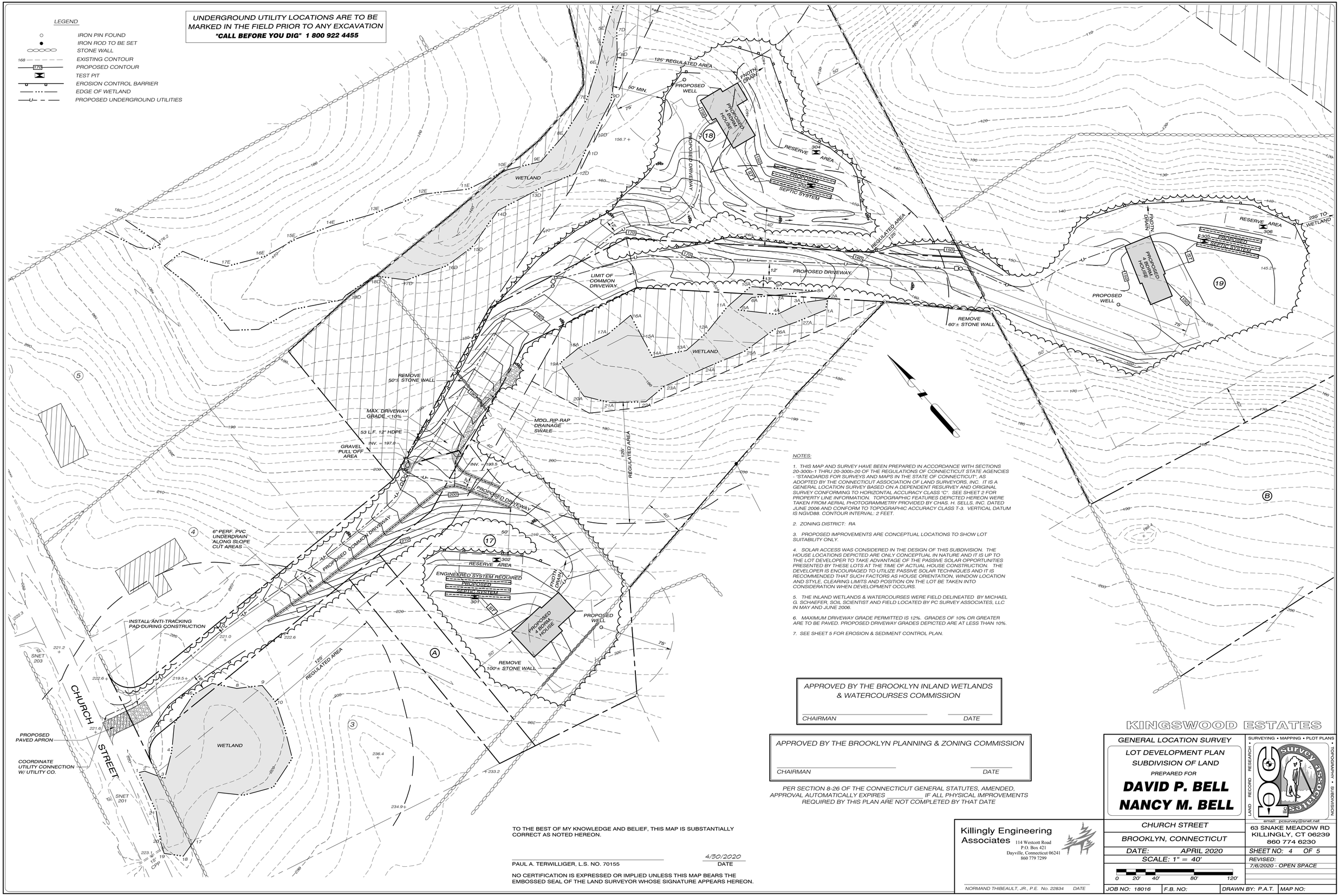
REVISED:
7/6/2020 - OPEN SPACE

JOB NO: 18016 | F.B. NO: N/A | DRAWN BY: P.A.T. | MAP NO:

LEGEND

- IRON PIN FOUND
- IRON ROD TO BE SET
- STONE WALL
- EXISTING CONTOUR
- PROPOSED CONTOUR
- TEST PIT
- EROSION CONTROL BARRIER
- EDGE OF WETLAND
- PROPOSED UNDERGROUND UTILITIES

UNDERGROUND UTILITY LOCATIONS ARE TO BE MARKED IN THE FIELD PRIOR TO ANY EXCAVATION
"CALL BEFORE YOU DIG" 1 800 922 4455



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2. ZONING DISTRICT: RA

3. PROPOSED IMPROVEMENTS ARE CONCEPTUAL LOCATIONS TO SHOW LOT SUITABILITY ONLY.

4. SOLAR ACCESS WAS CONSIDERED IN THE DESIGN OF THIS SUBDIVISION. THE HOUSE LOCATIONS DEPICTED ARE ONLY CONCEPTUAL IN NATURE AND IT IS UP TO THE LOT DEVELOPER TO TAKE ADVANTAGE OF THE PASSIVE SOLAR OPPORTUNITIES PRESENTED BY THESE LOTS AT THE TIME OF ACTUAL HOUSE CONSTRUCTION. THE DEVELOPER IS ENCOURAGED TO UTILIZE PASSIVE SOLAR TECHNIQUES AND IT IS RECOMMENDED THAT SUCH FACTORS AS HOUSE ORIENTATION, WINDOW LOCATION AND STYLE, CLEARING LIMITS AND POSITION ON THE LOT BE TAKEN INTO CONSIDERATION WHEN DEVELOPMENT OCCURS.

5. THE INLAND WETLANDS & WATERCOURSES WERE FIELD DELINEATED BY MICHAEL G. SCHAEFER, SOIL SCIENTIST AND FIELD LOCATED BY PC SURVEY ASSOCIATES, LLC IN MAY AND JUNE 2006.

6. MAXIMUM DRIVEWAY GRADE PERMITTED IS 12%. GRADES OF 10% OR GREATER ARE TO BE PAVED. PROPOSED DRIVEWAY GRADES DEPICTED ARE AT LESS THAN 10%.

7. SEE SHEET 5 FOR EROSION & SEDIMENT CONTROL PLAN.

APPROVED BY THE BROOKLYN INLAND WETLANDS & WATERCOURSES COMMISSION

CHAIRMAN _____ DATE _____

APPROVED BY THE BROOKLYN PLANNING & ZONING COMMISSION

CHAIRMAN _____ DATE _____

PER SECTION 8-26 OF THE CONNECTICUT GENERAL STATUTES, AMENDED, APPROVAL AUTOMATICALLY EXPIRES _____ IF ALL PHYSICAL IMPROVEMENTS REQUIRED BY THIS PLAN ARE NOT COMPLETED BY THAT DATE

TO THE BEST OF MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

PAUL A. TERWILLIGER, L.S. NO. 70155 — 4/30/2020 DATE

NO CERTIFICATION IS EXPRESSED OR IMPLIED UNLESS THIS MAP BEARS THE EMBOSSED SEAL OF THE LAND SURVEYOR WHOSE SIGNATURE APPEARS HEREON.

Killingly Engineering Associates
114 Westcott Road
P.O. Box 421
Dayville, Connecticut 06241
860 779 7299

NORMAND THIBEAULT, JR., P.E. No. 22834 DATE

KINGSWOOD ESTATES

GENERAL LOCATION SURVEY

LOT DEVELOPMENT PLAN
SUBDIVISION OF LAND
PREPARED FOR

DAVID P. BELL
NANCY M. BELL

SURVEYING • MAPPING • PLOT PLANS
LAND RECORD RESEARCH • TOPOGRAPHY • SUBDIVISION
PC survey associates llc
email: pcsurvey@snet.net
63 SNAKE MEADOW RD
KILLINGLY, CT 06239
860 774 6230

CHURCH STREET
BROOKLYN, CONNECTICUT

DATE: APRIL 2020 | SHEET NO: 4 OF 5
SCALE: 1" = 40'
REVISED: 7/6/2020 - OPEN SPACE

0 20' 40' 80' 120'

JOB NO: 18016 | F.B. NO: | DRAWN BY: P.A.T. | MAP NO:

ALL EROSION AND SEDIMENT CONTROL MEASURES AND PROCEDURES SHALL CONFORM TO CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, MAY 2002.

DEVELOPMENT

PROPOSED DEVELOPMENT WILL CREATE 3 NEW BUILDING LOTS. ACTIVITIES TO INCLUDE CONSTRUCTION OF A COMMON AND INDIVIDUAL DRIVEWAYS, HOUSES, SEPTIC SYSTEMS, WELLS, AND SITE GRADING. THE PRIMARY CONCERN OF THIS EROSION & SEDIMENT CONTROL PLAN IS TO PREVENT EXCESSIVE EROSION AND KEEP ERODED SEDIMENT FROM RUNNING OFF SITE OF THE PROPOSED DEVELOPMENT OR INTO WETLAND AREAS. NO MATERIAL SHALL BE PLACED WITHIN A REGULATED WETLAND AREA EITHER ON OR OFF SITE.

CONSTRUCTION SEQUENCE: (INDIVIDUAL LOT DEVELOPMENT)

1. INSTALL EROSION AND SEDIMENT CONTROL MEASURES ALONG DOWN SLOPE SIDE OF THE PROPOSED LIMITS OF DISTURBANCE.
2. STRIP & STOCKPILE TOPSOIL.
3. PROVIDE ANTI TRACKING PAD AND TEMPORARY POWER TO THE SITE.
4. EXCAVATE FOUNDATION AND BEGIN CONSTRUCTION OF RESIDENCE.
5. INSTALL SEPTIC SYSTEM AND WELL.
6. PROVIDE DRIVEWAY AND UTILITIES TO THE RESIDENCE.
7. LOAM, SEED & MULCH DISTURBED AREAS.
8. REMOVE EROSION AND SEDIMENT CONTROL WHEN VEGETATIVE COVER HAS BEEN ESTABLISHED.

GENERAL DEVELOPMENT PLAN

PRIOR TO THE COMMENCEMENT OF OPERATIONS IN ACCORDANCE WITH ANY PERMIT ISSUED BY THE TOWN OF BROOKLYN PLANNING AND ZONING COMMISSION, THE CONTRACTOR SHALL INSTALL ALL EROSION AND SEDIMENT CONTROL DEVICES.

THE CONTRACTOR SHALL OBTAIN A SITE INSPECTION FROM THE TOWN OF BROOKLYN ZONING ENFORCEMENT OFFICER OR WETLANDS AGENT TO ENSURE THAT ALL EROSION AND SEDIMENT CONTROL MEASURES HAVE BEEN INSTALLED IN ACCORDANCE WITH THIS NARRATIVE. UPON APPROVAL WITH RESPECT TO THE INSTALLATION OF EROSION AND SEDIMENT CONTROL MEASURES, THE CONTRACTOR MAY COMMENCE OPERATIONS PURSUANT TO THE PERMIT. EROSION AND SEDIMENT CONTROL DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE "SILT FENCE INSTALLATION & MAINTENANCE" AND "HAY BALE INSTALLATION & MAINTENANCE" SECTIONS OF THIS NARRATIVE.

ALL STRIPPING IS TO BE CONFINED TO THE IMMEDIATE CONSTRUCTION AREA. TOPSOIL SHALL BE STOCKPILED SO THAT SLOPES DO NOT EXCEED 2 TO 1. THERE SHALL BE NO BURIAL OF STUMPS. A HAY BALE OR SILT FENCE SEDIMENT BARRIER IS TO SURROUND EACH STOCKPILE AND A TEMPORARY VEGETATIVE COVER PROVIDED IF NECESSARY.

DUST CONTROL WILL BE ACCOMPLISHED BY SPRAYING WITH WATER.

FINAL STABILIZATION OF THE SITE IS TO FOLLOW THE PROCEDURES OUTLINED IN PERMANENT VEGETATIVE COVER. IF NECESSARY A TEMPORARY VEGETATIVE COVER IS TO BE PROVIDED UNTIL A PERMANENT COVER CAN BE APPLIED.

DURING THE STABILIZATION PERIOD, ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE MAINTAINED IN PROPER WORKING ORDER. THE CONTRACTOR SHALL BE RESPONSIBLE FOR CHECKING ALL EROSION AND SEDIMENT CONTROL ON A TWICE-WEEKLY BASIS DURING THE STABILIZATION PERIOD AND AFTER EACH STORM EVENT. DURING THE STABILIZATION PERIOD WITH RESPECT TO EACH SITE, ANY EROSION WHICH OCCURS WITHIN DISTURBED AREAS SHALL BE IMMEDIATELY REPAIRED, RESEEDED AND RE-ESTABLISHED.

ALL DISTURBED SLOPES SHALL BE STABILIZED WITHIN ONE SEASON (SPRING OR FALL) OF THE COMPLETION OF THE PROJECT BEFORE A CERTIFICATE OF COMPLIANCE WILL BE ISSUED.

ONCE STABILIZATION HAS BEEN COMPLETED AND APPROVED BY THE TOWN OF BROOKLYN ZONING ENFORCEMENT OFFICER, EROSION AND SEDIMENT CONTROL MEASURES SHALL BE REMOVED BY THE CONTRACTOR.

SILT FENCE INSTALLATION AND MAINTENANCE:

1. DIG A 6" DEEP TRENCH ON THE UPHILL SIDE OF THE BARRIER LOCATION.

2. POSITION THE POSTS ON THE DOWNHILL SIDE OF THE BARRIER AND DRIVE THE POSTS 1.5 FEET INTO THE GROUND.

3. LAY THE BOTTOM 6" OF THE FABRIC IN THE TRENCH TO PREVENT UNDERMINING AND BACKFILL.

4. INSPECT AND REPAIR BARRIER AFTER HEAVY RAINFALL.

5. INSPECTIONS WILL BE MADE AT LEAST ONCE PER WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.5 INCH OR GREATER TO DETERMINE MAINTENANCE NEEDS.

6. SEDIMENT DEPOSITS ARE TO BE REMOVED WHEN THEY REACH A HEIGHT OF 1 FOOT BEHIND THE BARRIER OR HALF THE HEIGHT OF THE BARRIER AND ARE TO BE DEPOSITED IN AN AREA WHICH IS NOT REGULATED BY THE INLAND WETLANDS COMMISSION.

7. REPLACE OR REPAIR THE FENCE WITHIN 24 HOURS OF OBSERVED FAILURE. FAILURE OF THE FENCE HAS OCCURRED WHEN SEDIMENT FAILS TO BE RETAINED BY THE FENCE BECAUSE:
- THE FENCE HAS BEEN OVERTOPPED, UNDERCUT OR BYPASSED BY RUNOFF WATER,
- THE FENCE HAS BEEN MOVED OUT OF POSITION, OR
- THE GEOTEXTILE HAS DECOMPOSED OR BEEN DAMAGED.

HAY BALE INSTALLATION AND MAINTENANCE:

1. BALES SHALL BE PLACED AS SHOWN ON THE PLANS WITH THE ENDS OF THE BALES TIGHTLY ABUTTING EACH OTHER.

2. EACH BALE SHALL BE SECURELY ANCHORED WITH AT LEAST 2 STAKES AND GAPS BETWEEN BALES SHALL BE WEDGED WITH STRAW TO PREVENT WATER FROM PASSING BETWEEN THE BALES.

3. INSPECT BALES AT LEAST ONCE PER WEEK AND WITHIN 24 HOURS OF THE END OF A STORM WITH A RAINFALL AMOUNT OF 0.5 INCHES OR GREATER TO DETERMINE MAINTENANCE NEEDS.

4. REMOVE SEDIMENT BEHIND THE BALES WHEN IT REACHES HALF THE HEIGHT OF THE BALE AND DEPOSIT IN AN AREA WHICH IS NOT REGULATED BY THE INLAND WETLANDS COMMISSION.

5. REPLACE OR REPAIR THE BARRIER WITHIN 24 HOURS OF OBSERVED FAILURE. FAILURE OF THE BARRIER HAS OCCURRED WHEN SEDIMENT FAILS TO BE RETAINED BY THE BARRIER BECAUSE:
- THE BARRIER HAS BEEN OVERTOPPED, UNDERCUT OR BYPASSED BY RUNOFF WATER,
- THE BARRIER HAS BEEN MOVED OUT OF POSITION, OR
- THE HAY BALES HAVE DETERIORATED OR BEEN DAMAGED.

TEMPORARY VEGETATIVE COVER

A TEMPORARY SEEDING OF RYE GRASS WILL BE COMPLETED WITHIN 15 DAYS OF THE FORMATION OF STOCKPILES. IF THE SOIL HAS BEEN COMPACTED BY CONSTRUCTION OPERATIONS IT SHALL BE LOOSENED TO A DEPTH OF 2 INCHES BEFORE THE FERTILIZER, LIME AND SEED IS APPLIED. 10-10-10 FERTILIZER AT A RATE OF 7.5 POUNDS PER 1000 S.F. LIMESTONE AT A RATE OF 90 LBS. PER 1000 S.F. SHALL BE USED. RYE GRASS APPLIED AT A RATE OF 1 LB. PER 1000 S.F. SHALL PROVIDE THE TEMPORARY VEGETATIVE COVER. STRAW FREE FROM WEEDS AND COARSE MATTER SHALL BE USED AT A RATE OF 70-90 LBS. PER 1000 S.F. AS A TEMPORARY MULCH. APPLY A JUTE NETTING COVER TO SLOPES OF 3:1 OR GREATER SLOPE.

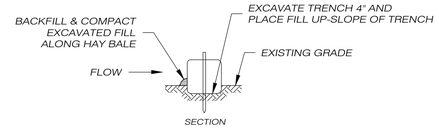
PERMANENT VEGETATIVE COVER

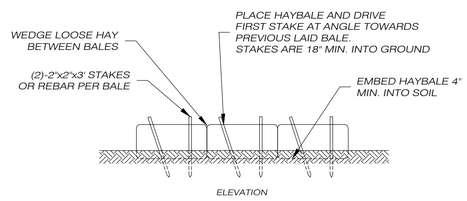
TOPSOIL WILL BE REPLACED ONCE THE EXCAVATION AND FILL PLACEMENT HAS BEEN COMPLETED AND THE SLOPES ARE GRADED TO A SLOPE NO GREATER THAN 2 TO 1. PROVIDE SLOPE PROTECTION ON ALL CUT SLOPES. TOPSOIL WILL BE SPREAD AT A MINIMUM COMPACTED DEPTH OF 4 INCHES. ONCE THE TOPSOIL HAS BEEN SPREAD, ALL STONES TWO INCHES OR LARGER IN ANY DIMENSION WILL BE REMOVED AS WELL AS DEBRIS, APPLY AGRICULTURAL GROUND LIMESTONE AT THE RATE OF TWO TONS PER ACRE OR 100 LBS. PER 1000 S.F. APPLY 10-10-10 FERTILIZER OR EQUIVALENT AT A RATE OF 300 LBS. PER ACRE OR 7.5 LBS. PER S.F. WORK LIMESTONE INTO THE SOIL TO A DEPTH OF 4 INCHES. INSPECT SEEDBED BEFORE SEEDING. IF TRAFFIC HAS COMPACTED THE SOIL, RETILL COMPACTED AREAS. APPLY THE FOLLOWING GRASS SEED MIX:

SEED MIXTURE	LBS./ACRE	LBS./1000 S.F.
KENTUCKY BLUEGRASS	20	0.45
CREEPING RED FESCUE	20	0.45
PERENNIAL RYEGRASS	5	0.10
	45	1.00

THE RECOMMENDED SEEDING DATES ARE: APRIL 1 - JUNE 15 AND AUGUST 1 - SEPTEMBER 15

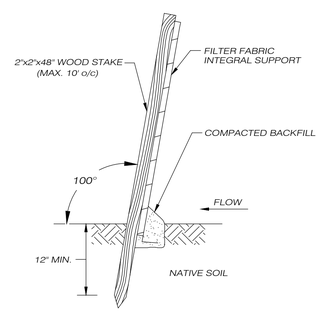
FOLLOWING SEEDING, MULCH WITH WEED FREE STRAW AND APPLY A JUTE NETTING COVER TO AREAS OF 3:1 OR GREATER SLOPE





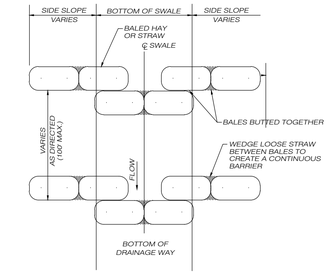
HAY BALE BARRIER DETAIL

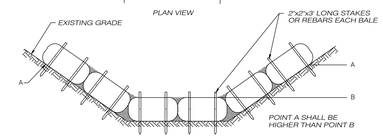
NOT TO SCALE



SILT FENCE DETAIL

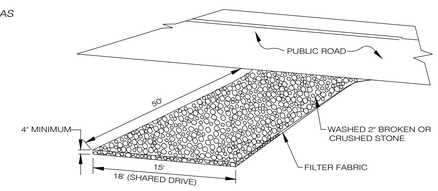
NOT TO SCALE





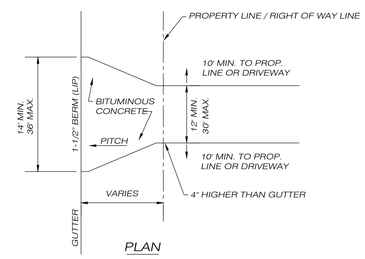
HAYBALE CHECK DAM

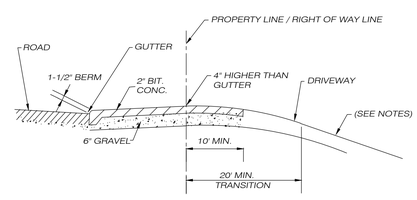
NOT TO SCALE



ANTI-TRACKING PAD

NOT TO SCALE





LAND BELOW ROAD (SECTION)

STANDARD DRIVEWAY DETAIL

NOT TO SCALE

NOTES:

1. MAXIMUM DRIVEWAY GRADE IS 12%
2. DRIVEWAYS IN EXCESS OF 10% GRADE SHALL BE PAVED WITH BITUMINOUS CONCRETE.

SOIL TEST DATA - LOT 17

TP 301

0-12" TOPSOIL
12-23" FINE SANDY LOAM
23-57" MOTTLED FINE SANDY LOAM
57-68" GROUNDWATER

MOTTLING @ 23"
WATER @ 57"
NO LEDGE

TP 302
0-12" TOPSOIL
12-25" FINE SANDY LOAM
25-71" MOTTLED FINE SNDY LOAM w/ GRAVEL/COBBLES
71-78" GROUNDWATER

MOTTLING @ 25"
WATER @ 71"
NO LEDGE

PERCOLATION RATE: 8 MIN./INCH AT 18" DEPTH

SOIL TEST DATA - LOT 18

TP 303

0-11" TOPSOIL
11-36" LOAMY SAND
36-84" GRAVELLY MED. LOAMY SAND w/ COBBLES/STONES

NO MOTTLING
NO WATER
NO LEDGE

TP 304

0-9" TOPSOIL
9-37" LOAMY SAND
37-83" GRAVELLY MED. LOAMY SAND w/ COBBLES/STONES

NO MOTTLING
NO WATER
NO LEDGE

PERCOLATION RATE: 2.35 MIN./INCH @ 18" DEPTH

SOIL TEST DATA - LOT 19

TP 305

0-9" TOPSOIL
9-39" GRAVELLY FINE SANDY LOAM
39-85" VERY GRAVELLY/COBBLY LOAMY MED. SAND w/ STONES/BOULDERS

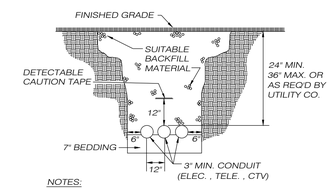
NO MOTTLING
NO WATER
NO LEDGE

TP 306

0-9" TOPSOIL
9-25" GRAVELLY FINE SANDY LOAM
25-93" VERY GRAVELLY/COBBLY LOAMY MED. SAND w/ STONES/BOULDERS

NO MOTTLING
NO WATER
NO LEDGE

PECOLATION RATE = 1.23 MIN./INCH AT 24" DEPTH



NOTES:

1. OSHA STANDARDS REQUIRE THAT SPOILS BE PLACED 24" MIN. FROM EDGE OF TRENCH.
2. SUITABLE BACKFILL SHALL NOT CONTAIN ASH, CINDER, SHELL, FROZEN MATERIAL, LOOSE DEBRIS OR STONES LARGER THAN 2" MAX. DIMENSION.
3. FUEL OR WATER LINES SHALL BE NO CLOSER THAN 18" IN ANY DIRECTION.

UTILITY TRENCH DETAIL

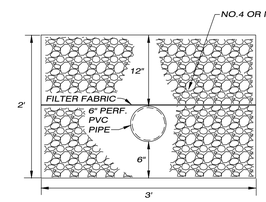
NOT TO SCALE

SEPTIC SYSTEM NOTES - LOT 17
4 BEDROOM HOUSE
PERCOLATION RATE: 8 MIN./INCH
EFFECTIVE LEACHING AREA REQUIRED = 577.5 SF
DEPTH TO RESTRICTIVE LAYER = 23"
MLSS: 26(HF) x 1.0(PF) x 1.75(FF) = 45.5' MLSS
USE STANDARD 12" DEEP x 48" WIDE LEACHING TRENCHES
MAXIMUM DEPTH INTO GRADE: 5'
EFFECTIVE LEACHING AREA OF TRENCH = 3.0 SF/LF
LENGTH OF TRENCH REQUIRED = (577.5 SF)/(3.0 SF/LF) = 192.5 LF
USE THREE 65' TRENCHES 8' O/C
LSS PROVIDED = 65'
LEACHING AREA PROVIDED = 585 SF
SEPTIC TANK: 1500 GALLON
ENGINEERED SYSTEM REQUIRED

SEPTIC SYSTEM NOTES - LOT 18
4 BEDROOM HOUSE
PERCOLATION RATE: 2.35 MIN./INCH
EFFECTIVE LEACHING AREA REQUIRED = 577.5 SF
DEPTH TO RESTRICTIVE LAYER = N/A
MLSS: N/A
USE STANDARD 12" DEEP x 48" WIDE LEACHING TRENCHES
MAXIMUM DEPTH INTO GRADE: N/A
EFFECTIVE LEACHING AREA OF TRENCH = 3.0 SF/LF
USE THREE 65' TRENCHES 8' O/C
LEACHING AREA PROVIDED = 585 SF
SEPTIC TANK: 1500 GALLON

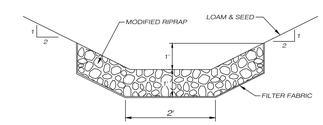
SEPTIC SYSTEM NOTES - LOT 19
4 BEDROOM HOUSE
PERCOLATION RATE: 1.23 MIN./INCH
EFFECTIVE LEACHING AREA REQUIRED = 577.5 SF
DEPTH TO RESTRICTIVE LAYER = N/A
MLSS: N/A
USE STANDARD 12" DEEP x 48" WIDE LEACHING TRENCHES
MAXIMUM DEPTH INTO GRADE: N/A
EFFECTIVE LEACHING AREA OF TRENCH = 3.0 SF/LF
LENGTH OF TRENCH REQUIRED = (577.5 SF)/(3.0 SF/LF) = 192.5 LF
USE THREE 65' TRENCHES 8' O/C
LEACHING AREA PROVIDED = 585 SF
SEPTIC TANK: 1500 GALLON

SOIL TESTING PERFORMED 1/17/2020 BY N.D.D.H.
FILE NO. 20000155



UNDERDRAIN TRENCH

NOT TO SCALE



MODIFIED RIPRAP SWALE

NOT TO SCALE

APPROVED BY THE BROOKLYN INLAND WETLANDS & WATERCOURSES COMMISSION

CHAIRMAN DATE

APPROVED BY THE BROOKLYN PLANNING & ZONING COMMISSION

CHAIRMAN DATE

PER SECTION 8-26c OF THE CONNECTICUT GENERAL STATUTES, AMENDED, APPROVAL AUTOMATICALLY EXPIRES _____ IF ALL PHYSICAL IMPROVEMENTS REQUIRED BY THIS PLAN ARE NOT COMPLETED BY THAT DATE

Killingly Engineering Associates
114 Westcott Road
P.O. Box 421
Dayville, Connecticut 06241
860 779 7299

NORMAND THIBEAULT, JR., P.E. No. 22834 DATE

KINGSWOOD ESTATES

SUBDIVISION OF LAND

EROSION CONTROL PLAN & CONSTRUCTION DETAILS

PREPARED FOR

DAVID P. BELL
NANCY M. BELL

CHURCH STREET

BROOKLYN, CONNECTICUT

DATE: APRIL 2020

SCALE: 1" = AS NOTED

0 0.5" 1" 2" 3"

SURVEYING • MAPPING • PLOT PLANS • TOPOGRAPHY • SUBDIVISION • LAND RECORD RESEARCH

email: pcsurvey@snet.net

63 SNAKE MEADOW RD
KILLINGLY, CT 06239
860 774 6230

SHEET NO: 5 OF 5

REVISED:

JOB NO: 18016 | F.B. NO: | DRAWN BY: P.A.T. | MAP NO:

Connecticut Department of
ENERGY & ENVIRONMENTAL PROTECTION

GIS CODE #: ___ ___ ___ ___ ___ ___ ___ ___ ___
For DEEP Use Only

79 Elm Street • Hartford, CT 06106-5127 www.ct.gov/deep Affirmative Action/Equal Opportunity Employer

Statewide Inland Wetlands & Watercourses Activity Reporting Form

Please complete - print clearly - and mail this form in accordance with the instructions on pages 2 and 3 to:
Wetlands Management Section, Inland Water Resources Division, CT DEEP, 79 Elm Street – 3rd Floor, Hartford, CT 06106

PART I: To Be Completed By the Municipal Inland Wetlands Agency Only

1. DATE ACTION WAS TAKEN (enter one year and month): Year _____ Month _____
2. ACTION TAKEN (enter one code letter): _____
3. WAS A PUBLIC HEARING HELD (check one)? Yes ____ No ____
4. NAME OF AGENCY OFFICIAL VERIFYING AND COMPLETING THIS FORM:

   (type name) _____ (signature) _____

PART II: To Be Completed By the Municipal Inland Wetlands Agency or the Applicant

5. TOWN IN WHICH THE ACTION IS OCCURRING (type name): BROOKLYN

   Does this project cross municipal boundaries (check one)? Yes ____ No X

   If Yes, list the other town(s) in which the action is occurring (type name(s)): _____, _____
6. LOCATION (see directions for website information): USGS Quad Map Name: DANIELSON or Quad Number: 43

   Subregional Drainage Basin Number: 3700
7. NAME OF APPLICANT, VIOLATOR OR PETITIONER (type name): DAVID BELL
8. NAME & ADDRESS/LOCATION OF PROJECT SITE (type information): CHURCH STREET SUBDIVISION

   Briefly describe the action/project/activity (check and type information): Temporary ____ Permanent X

   Description: 3 LOT RESIDENTIAL SUBDIVISION
9. ACTIVITY *PURPOSE* CODE (enter one code letter): B
10. ACTIVITY *TYPE* CODE(S) (enter up to four code numbers): 1, 2, 12, 14
11. WETLAND / WATERCOURSE AREA ALTERED (type in acres or linear feet as indicated):

    Wetlands: 0 acres Open Water Body: 0 acres Stream: 0 linear feet
12. UPLAND AREA ALTERED (type in acres as indicated): 4 acres
13. AREA OF WETLANDS / WATERCOURSES RESTORED, ENHANCED OR CREATED (type in acres as indicated): 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

REV. 3/2013

Brooklyn Land Use Department

69 South Main Street
Brooklyn CT 06234
(860) 779-3411 x 31

Inland Wetlands ✓ Zoning Enforcement _____ Blight Enforcement _____

SITE INSPECTION NUMBER (1) 2 3 4 5

Church St. Bell SUBD
Address

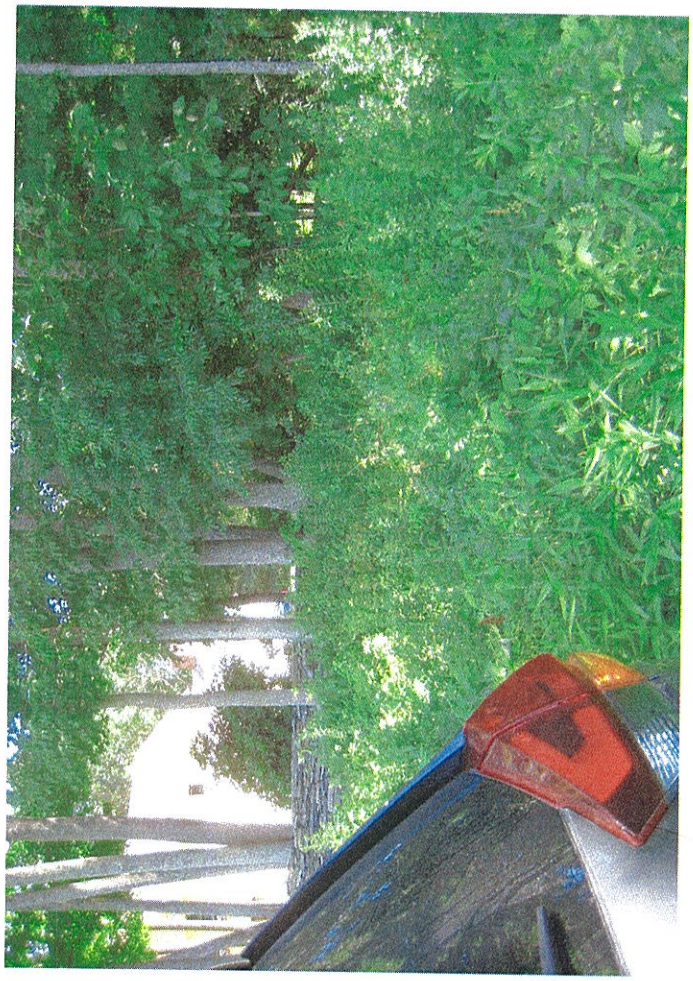
7-16-2020
Date

I inspected + took photos with Paul Terwilliger.

The edge of the driveway closest to the wetland near Church Street represents disturbance very close to wetlands. This work will need to be monitored closely to make sure that silt fence is adequate protection during construction in this area.

Commission Representative Margaret Washburn

Owner or Authorized Signature _____



Inland Wetlands Agent's Report

July 28, 2020

Old Business:

060920A: Paul R. Lehto, Allen Hill Road, Map 32/Lot 38, RA Zone; Excavation of Sand and Gravel. Date of receipt: 6/9/2020.

I inspected and took photos with David Held on 6/17/2020. The IWWC approval letter previously issued for this site on 5/16/18 is in the attachment to the agenda, along with the inspection report, photos, application, plans and a letter of noncompliance I issued in June 2019. Both the PZC permit and the IWWC permit expired on September 5, 2019.

060920B: VBL Properties LLC, Beecher Road, Map 22/Lot 38, RA Zone; 5-Lot Subdivision. Date of receipt: 6/9/2020.

I inspected and took photos with Paul Archer, Bob Russo and Bob DeLuca, P.E. on 6/18/2020.

060920C: A. Kausch & Sons, Tripp Hollow Road, Map 15/Lot 4, RA Zone; 2-Lot Subdivision. Date of receipt: 6/9/2020.

I inspected and took photos with Paul Archer, Bob Russo and Bob DeLuca, P.E. on 6/18/2020.

011420C River Junction Estates, LLC; South of Rukstela Road, Map 29, Lot 1, Map 30, Lot 16; Grading and restoration of a previously disturbed gravel excavation area. Restoration will establish a vegetation cover on 4+/- acres of disturbed area. The restored area will be used for agricultural crop production.

I inspected and took photos with David Held on 7/22/2020. The vast majority of the site has been graded as per the restoration plan. The inspection report and photos, remediation plan and the approval letter are attached to the agenda. The plan attached to the agenda shows the small portion near the northern property boundary where grading was not completed.

I spoke to Allan Rawson on 7/23. Mr. Rawson said that there is a new project manager at DEEP for the solar farm. The former project manager had included Map 29 Lot 1 as a conservation area. That may change now that there is a new project manager. This lot may have solar panels on it eventually. The solar farm is expected to start before the end of the growing season. The former project manager told the farmer, Tim Tyler, not to plant corn because the project would start before the corn was harvested. The solar farm is in the stormwater management approval phase.

The approved remediation plan called for the restored area to be used for agricultural production. Now, according to Allan Rawson, the restored are may be used for conservation land or solar panels. The portion of Map 29 Lot 1 that was left ungraded will very likely be graded in the future to tie the grades in to the proposed grading for solar panels on the abutting parcel to the north.

The restored area is naturally revegetating as shown in the photographs. The earthen berm can be seen in the photographs. I do not foresee sediment from the ungraded area causing any wetlands impacts due to the distance from wetlands and the existing earthen berm designed to protect the wetlands.

I recommend closing the 2014 enforcement order.

New Business:

Hearing for violations at Map 18/Lot 28 Woodward Road – William and Kathie Perron. I received 2 complaints about excavating earth products, cutting trees near Blackwell Brook, and zoning/blight violations. A Ct State Marshal served Cease and Desist orders to both William and Kathie Perron at separate addresses, requiring them to contact me by phone. They both contacted me, as required.

On 7/1/2020, I inspected and took photographs with Chairman Jeff Arends. We observed and documented that gravel had been mined within 20 feet of Blackwell Brook. The gravel was spread on cart paths, some of which appear to be on the edge wetlands bordering Blackwell Brook. No erosion and sediment controls were in place.

A second Cease & Desist Order was served to William Perron by a CT State Marshal to William Perron to require him to attend a hearing on 7/14/2020. After that meeting was cancelled, I spoke to Mr. Perron, who agreed to call in for the Webex hearing on 7/28.

There is a concurrent Zoning enforcement action due to the number of unregistered vehicles and other Zoning violations. The inspection report, photographs and Cease & Desist Orders are attached to the agenda.

After the 7/1 Cease & Desist Order was served to William Perron, he submitted an incomplete application. The Town fee of $60.00 was paid; the State fee of $150.00 was not paid. At the 7/1/2020 site inspection, Chairman Arends told Mr. Perron that a wetlands delineation and site plan would be required. No site plan was submitted. Please refer to the attached Notice of Incomplete Application that I mailed to Mr. Perron on 7/16/2020 listing the reasons why the application is incomplete:

The State fee is unpaid.
No site showing the proposed work and erosion/sediment controls in relation to wetlands has been submitted.
No wetlands delineation was submitted.
No written description of the work was submitted.
No quantities of proposed cubic yards of excavation and fill were submitted.
No total square feet of regulated area to be altered was submitted.
The Statewide IWWC Activity Reporting Form was not filled out.

Mr. Perron has asked that the application be continued to the 8/11/2020 meeting to give him time to pay all the fees and submit the required information.

0714120A David and Nancy Bell, 131 Prince Hill Road, Map 34, Lot 52, RA Zone; 3-Lot Subdivision. Date of receipt: 7/14/2020. The date of receipt of this application was the date of the next regularly scheduled meeting, which was 7/14/2020, even though that meeting was cancelled.

I inspected and took photos with Paul Terwilliger on 7/16/2020.

071420B David and Nancy Bell, Church Street, Map 35, Lot 4, RA Zone; 3-Lot Subdivision. Date of receipt: 7/14/2020. The date of receipt of this application was the date of the next regularly scheduled meeting, which was 7/14/2020, even though that meeting was cancelled.

I inspected and took photos with Paul Terwilliger on 7/16/2020.

071420C William Perron, Map 18, Lot 28 Woodward Road; Break down bank to provide access to brook and use gravel on property. Date of receipt: 7/14/2020. The date of receipt of this application was the date of the next regularly scheduled meeting, which was 7/14/2020, even though that meeting was cancelled.

This application is incomplete for the following reasons:
The State fee is unpaid.
No site showing the proposed work and erosion/sediment controls in relation to wetlands has been submitted.
No wetlands delineation was submitted.
No written description of the work was submitted.
No quantities of proposed cubic yards of excavation and fill were submitted.
No total square feet of regulated area to be altered was submitted.
The Statewide IWWC Activity Reporting Form was not filled out.

Mr. Perron has asked that the application be continued to the 8/11/2020 meeting to give him time to pay all the fees and submit the required information.