



STATE OF CONNECTICUT – COUNTY OF TOLLAND
INCORPORATED 1786

TOWN OF ELLINGTON

55 MAIN STREET – PO BOX 187
ELLINGTON, CONNECTICUT 06029-0187
www.ellington-ct.gov

TEL. (860) 870-3120 **TOWN PLANNER'S OFFICE** FAX (860) 870-3122

INLAND WETLANDS AGENCY REGULAR MEETING AGENDA

MONDAY, FEBRUARY 12, 2024, 7:00 P.M.

**IN-PERSON ATTENDANCE: TOWN HALL ANNEX, 57 MAIN STREET, ELLINGTON, CT
REMOTE ATTENDANCE: VIA ZOOM MEETING, INSTRUCTIONS PROVIDED BELOW**

I. CALL TO ORDER

II. PUBLIC COMMENTS (on non-agenda items):

III. PUBLIC HEARING(S): *(Notice requirements met, hearing may commence.)*

1. IW202401 – Kaz & Bogumila Podbielski, owner/applicant, request for permit to construct a single-family home, driveway, pipe culvert and associated improvements at 266 Crystal Lake Road, APN 083-018-0000.

IV. OLD BUSINESS: None

V. NEW BUSINESS:

1. IW202402 – Town of Ellington, owner/ Ad Hoc Ellington Trails Committee, applicant, request for acceptance to install a 36-foot bridge and extend 500 feet of trail as nonregulated uses on an open space parcel off of Windermere Avenue, APN 017-023-0000.
2. IW202403 – CT Water Company, owner/ Lori Lichtenauer, applicant, request to accept notification of a timber harvest permitted as of right on 5 Snipsic Lake Road, APN 067-001-0000 and Snipsic Lake Road, APN 057-016-0000.
3. IW202404 – Fifty (50) West Road LLC, owner/applicant request for permit to conduct regulated activity to construct water quality basins and associated improvements to serve adjacent industrial and commercial development at 50 West Road, APN 019-005-0000. (RECEIPT ONLY)

VI. ADMINISTRATIVE BUSINESS:

1. Approval of the January 22, 2024, Regular Meeting Minutes.
2. Election of Officers.
3. Correspondence/Discussion:

VII. ADJOURNMENT:

Next Regular Meeting is scheduled for March 11, 2024

Instructions to attend remotely via Zoom Meeting listed below. The agenda is posted on the Town of Ellington webpage (www.ellington-ct.gov) under Agenda & Minutes, Inland Wetlands Agency.

Join Zoom Meeting via link:

Link: <https://us06web.zoom.us/j/85919397291>
Meeting ID: 859 1939 7291
Passcode: 595802

Join Zoom Meeting by phone:

+1 646 558 8656 US (New York)
Meeting ID: 859 1939 7291
Passcode: 595802

Town of Ellington Inland Wetlands and Watercourses Agency Application

Application # FW202401
Date Submitted 1-17-2024

<p>Notices associated with this application will be sent to the applicant unless otherwise requested.</p> <p>Owner's Information</p> <p>Name: <u>KAZ & BOGUMILA PODBIELSKI</u></p> <p>Mailing Address: <u>302 NORTH RD.</u> <u>BROAD BROOK CT 06016</u></p> <p>Email: <u>ARTHUR.PODBIELSKI@GMAIL.COM</u></p> <p>WHEN NOT REQUIRED BY LAW TO MAIL NOTICE BY USPS, MAY NOTICES BE EMAILED TO YOU? <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Primary Contact Phone #: <u>860-680-3356</u></p> <p>Secondary Contact Phone #: _____</p> <p>Owner's Signature: <u>[Signature]</u> Date: <u>1/17/23</u></p> <p><small>By signing below I certify that all information submitted with this application is true and accurate to the best of my knowledge, that I am aware of and understand the application requirements and regulations, and acknowledge that the application is to be considered complete only when all information and documents required by the Agency have been submitted. Moreover, by signing above I/we expressly provide written consent to the filing of the application and access to the site by the Agency or its staff.</small></p>	<p>Notices associated with this application will be sent to the applicant unless otherwise requested.</p> <p>Applicant's Information (if different than owner)</p> <p>Name: _____</p> <p>Mailing Address: <u>Same as owner</u></p> <p>Email: _____</p> <p>WHEN NOT REQUIRED BY LAW TO MAIL NOTICE BY USPS, MAY NOTICES BE EMAILED TO YOU? <input type="checkbox"/> Yes <input type="checkbox"/> No</p> <p>Primary Contact Phone #: _____</p> <p>Secondary Contact Phone #: _____</p> <p>Applicant's Signature: _____ Date: _____</p> <p><small>By signing below I certify that all information submitted with this application is true and accurate to the best of my knowledge, that I am aware of and understand the application requirements and regulations, and acknowledge that the application is to be considered complete only when all information and documents required by the Agency have been submitted.</small></p>
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JAN 17 2024

TOWN OF ELLINGTON
PLANNING DEPARTMENT

Street Address: 266 CRYSTAL LAKE RD.

Assessor's Parcel Number (APN): 83 - 18 - 0000

Proposed upland review area affected in square feet: 17,596 1,603 SF.

Proposed wetlands/watercourses affected in square feet and linear feet (as applicable): 70'

Total area of wetlands/watercourses on parcel in square feet or acres: 6,698 SF.

Public Water: Yes No Public Sewer: Yes No *If not served by public water and sewer, applicant shall make application to North Central District Health Department (Enfield Office) if required.*

Is the project in a public water supply watershed area? Yes No
If YES, applicant is required to notify the Connecticut Water Company and Commissioner of Public Health by certified mail, return receipt within 7 days of this application (Conn. Gen Stat. Sec 22a-42f). Copy of application, plans, and supporting documents must accompany notice. Applicant can email the Commissioner of Public Health using their approved form. Proof of notice (return receipt and sent email) must be provided to the Planning Department.

Describe the nature of proposed regulated activity, request for acceptance of a permitted use as of right or a nonregulated use, map or regulation amendment, or other activity requiring review by the Agency or its Agent:
See attached Application Checklist and Appendix D for guidance when preparing application

CONSTRUCT A SINGLE-FAMILY HOME ON AN EXISTING 2.149 ACRE PARCEL. DRIVEWAY WILL CROSS AN EXISTING BROOK & CONSERVATION EASEMENT. A PORTION OF THE PROPOSED HOUSE, DRIVEWAY & DRIVEWAY FILL WILL BE IN THE UPLAND REVIEW AREA.

Applicant shall provide certification in accordance with Wetlands Regulation, Section 7.4e, Application Requirements:

Whether or not any portion of the property on which the regulated activity is proposed is located within 500 feet of an adjoining town. Yes No

Whether or not a significant portion of the traffic to the completed project will use streets within an adjoining town to exit or enter the site. Yes No

Whether or not a significant portion of the sewer or water drainage from the project will flow through and significantly impact the sewer or water drainage system of an adjoining town. Yes No

Whether water run-off from the improved site will impact streets or other municipal/private property within an adjoining town. Yes No

FOR OFFICE USE ONLY

If YES to any of the above, the Agency shall, in accordance with CGS 8-7d(f) notify the clerk of any adjoining municipality of the pendency of any application, petition, appeal, request or plan concerning any project on any site. Notice of the pendency of such application shall be made by certified mail, return receipt requested, and shall be mailed within seven (7) days of the date of receipt of the application, petition, appeal, request or plan. **(See Agency requirements Section 8.4)**

Type of Project: (check one)

Commercial/Industrial Residential Mixed Use Timber Agricultural
 Other, explain: _____

Type of Application: (check one)

- Notification for Non-Regulated Use (Section 4.2)
- Notification of Permitted Use as of Right (Section 4.1)
- Administrative Permit (Section 6.4)
- Agency Permit (**TWELVE COPIES REQUIRED**)
- Permit Modification
- Permit Extension
- Regulation Amendment
- Map Amendment
- Appeal of Administrative Permit

Application Submittals:

- Completed Application Form (Section 7.4a)
- Application Fee (Section 7.4b)
- Abutters List (Section 7.4c)
- Certification as to Adjacent Towns (See above)
- Certification as to Connecticut Water Company & Commissioner of Public Health (See above)
- Notification Narrative and Supporting Documentation (If applicable, Appendix D)
- Project Narrative and Supporting Documentation (Section 7.4g, 1-11 inclusive, as deemed applicable)
- Project Site Plan - circle one: Administrative (Section 7.4h1) / Agency (Section 7.4h2)
- Supplemental Information (Section 7.5a-j, inclusive, as deemed applicable)

LBM Engineering, LLC

11 Hally Lane, Colchester, CT 06415-2133 Phone: 860-416-9809 Email: John@LBMEngineering.com

CIVIL ENGINEERING - LAND DEVELOPMENT - SITE PLANS - STORMWATER MANAGEMENT

**Engineering Report
Proposed Driveway Culvert
366 Crystal Lake Road, Ellington, Connecticut**

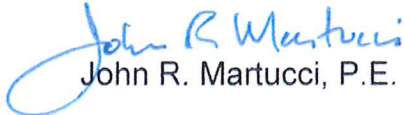
January 15, 2024

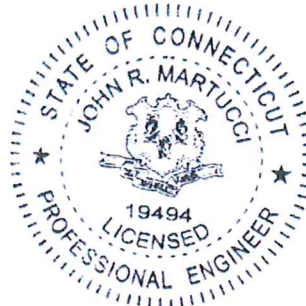
PROPOSED PLAN: See the site plan by Clark Land Surveying, LLC for the subject property. This report, calculations and plans were prepared to design a driveway crossing that could carry a 50-year rainfall event without overtopping the driveway.

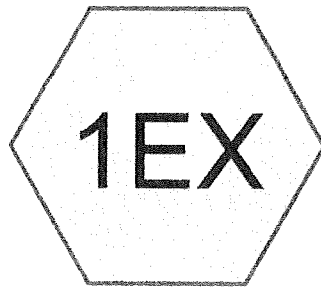
METHODOLOGY: Peak flow rate for a 50-year rainfall event was determined by the Rational Method. Rainfall data is from NOAA Atlas 14 for Tolland County, Connecticut area. The watercourse serves 62-acre watershed. Plans calculations and drainage area map are attached.

CONCLUSION: A 30-inch diameter culvert set in the locations and at the elevations shown on the attached plans will be able to convey a 50-year rainfall event under the proposed driveway without overtopping.

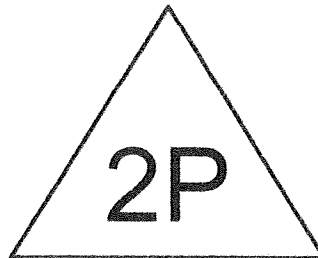
Submitted by:
LBM Engineering, LLC


John R. Martucci, P.E.





WATERSHED



AT DRIVEWAY



Routing Diagram for CROSSING Rational
Prepared by LBM Engineering LLC. Printed 1/15/2024
HydroCAD® 10.20-4a s/n 09192 © 2023 HydroCAD Software Solutions LLC

CROSSING Rational

CT Tolland 50-yr Duration=90 min, Inten=1.90 in/hr

Prepared by LBM Engineering LLC

Printed 1/15/2024

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Page 2

Summary for Subcatchment 1EX: WATERSHED

Runoff = 30.60 cfs @ 0.78 hrs, Volume= 229,127 cf, Depth= 0.99"
 Routed to Pond 2P : AT DRIVEWAY

Runoff by Rational method, Rise/Fall=1.0/2.5 xTc, Time Span= 0.00-6.00 hrs, dt= 0.01 hrs
 CT Tolland 50-yr Duration=90 min, Inten=1.90 in/hr

Area (ac)	C	Description	Land Use
64.000	0.25	woods	Woods
64.000	0.25	100.00% Pervious Area	

Tc (min)	Length (feet)	Slope (ft/ft)	Velocity (ft/sec)	Capacity (cfs)	Description
34.8	150	0.0500	0.07		Sheet Flow, SHEET FLOW Woods: Dense underbrush n= 0.800 P2= 3.40"
7.1	300	0.0800	0.71		Shallow Concentrated Flow, SHALLOW Forest w/Heavy Litter Kv= 2.5 fps
4.5	2,400	0.0800	8.83	44.13	Channel Flow, Channel Area= 5.0 sf Perim= 10.0' r= 0.50' n= 0.030 Mountain streams
46.4	2,850	Total			

Summary for Pond 2P: AT DRIVEWAY

Inflow Area = 2,787,840 sf, 0.00% Impervious, Inflow Depth = 0.99" for 50-yr event
 Inflow = 30.60 cfs @ 0.78 hrs, Volume= 229,127 cf
 Outflow = 30.60 cfs @ 1.49 hrs, Volume= 228,876 cf, Atten= 0%, Lag= 42.6 min
 Primary = 30.60 cfs @ 1.49 hrs, Volume= 228,876 cf

Routing by Dyn-Stor-Ind method, Time Span= 0.00-6.00 hrs, dt= 0.01 hrs
 Peak Elev= 367.40' @ 1.44 hrs Surf.Area= 570 sf Storage= 1,701 cf

Plug-Flow detention time= 1.1 min calculated for 228,876 cf (100% of inflow)
 Center-of-Mass det. time= 0.8 min (90.2 - 89.4)

Volume #1	Invert	Avail.Storage	Storage Description
	362.00'	7,050 cf	Custom Stage Data (Prismatic) Listed below (Recalc)

Elevation (feet)	Surf.Area (sq-ft)	Inc.Store (cubic-feet)	Cum.Store (cubic-feet)
362.00	50	0	0
364.00	200	250	250
366.00	500	700	950
368.00	600	1,100	2,050
370.00	1,200	1,800	3,850
372.00	2,000	3,200	7,050

CROSSING Rational

CT Tolland 50-yr Duration=90 min, Inten=1.90 in/hr

Prepared by LBM Engineering LLC

Printed 1/15/2024

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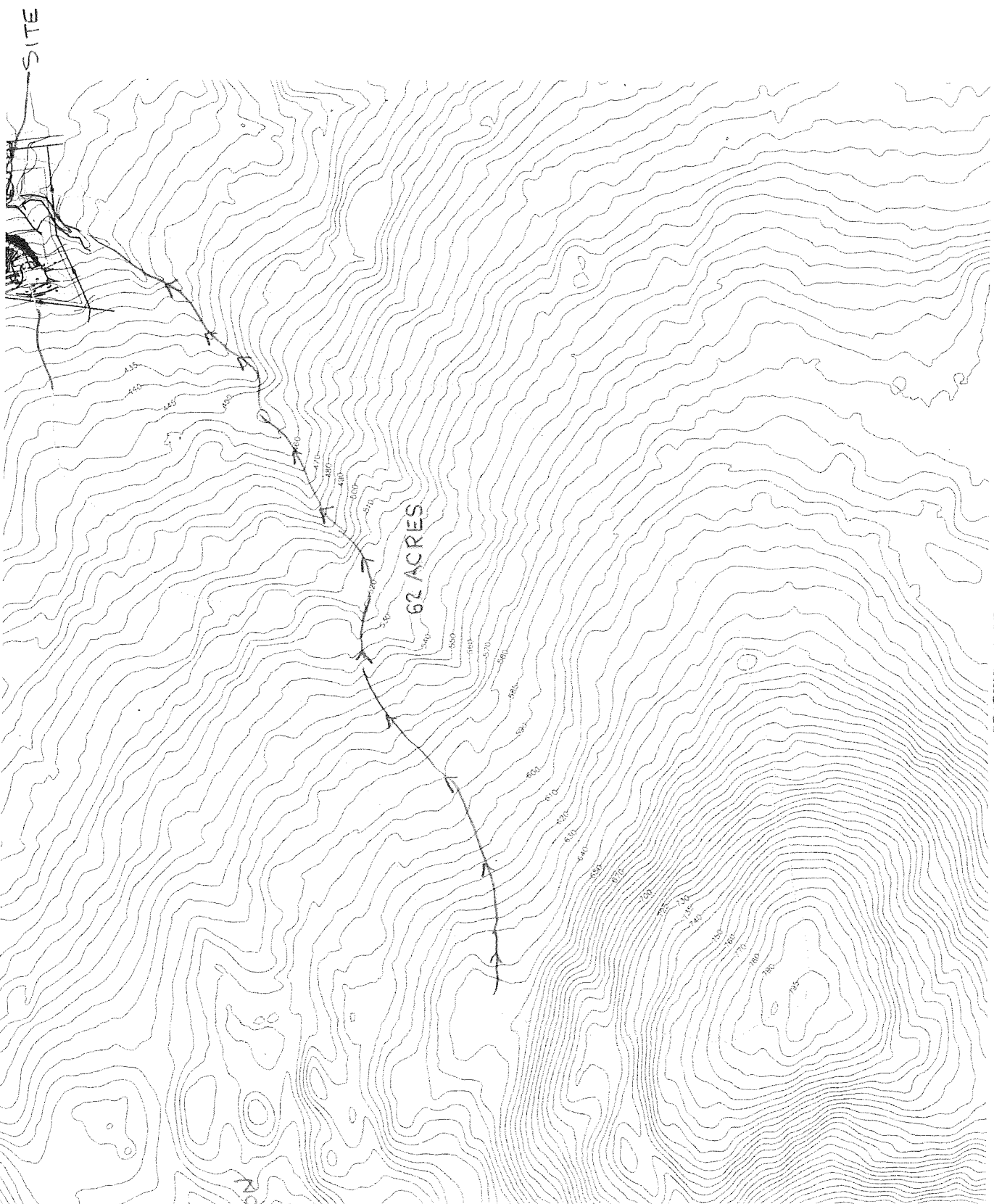
Device	Routing	Invert	Outlet Devices
#1	Primary	364.00'	30.0" Round Culvert L= 40.0' RCP, mitered to conform to fill, Ke= 0.700 Inlet / Outlet Invert= 364.00' / 360.00' S= 0.1000 '/ Cc= 0.900 n= 0.011 Concrete pipe, straight & clean, Flow Area= 4.91 sf
#2	Primary	368.00'	20.0' long x 20.0' breadth Broad-Crested Rectangular Weir Head (feet) 0.20 0.40 0.60 0.80 1.00 1.20 1.40 1.60 Coef. (English) 2.68 2.70 2.70 2.64 2.63 2.64 2.64 2.63

Primary OutFlow Max=30.60 cfs @ 1.49 hrs HW=367.40' (Free Discharge)

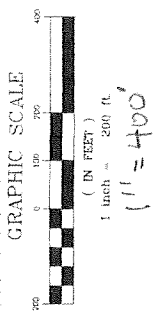
1=Culvert (Inlet Controls 30.60 cfs @ 6.23 fps)

2=Broad-Crested Rectangular Weir (Controls 0.00 cfs)

TIME OF
CONCENTRATION
150' @ 5%
300' @ 8%
2400' @ 2%



DRAINAGE AREA
MAP





TOWN OF ELLINGTON

55 MAIN STREET • P.O. BOX 187
ELLINGTON, CONNECTICUT 06029-0187

(860) 870-3120

TOWN PLANNER'S OFFICE

(860) 870-3122 FAX

APR 28 A 11:59
RECORDED IN ELLINGTON
LAND RECORDS

VOL 367 PAGE 743

INLAND WETLANDS AGENCY PERMIT FOR REGULATED ACTIVITY

PERMIT NUMBER: #IW200525

DATE OF ACTION: July 18, 2005

GRANTED TO: Joseph MacVarish

LOCATION OF PROPERTY: 264-266 Crystal Lake Road/APN 083-018-0000

ACTIVITY: 2 lot re-subdivision.

CONDITION: Subject to a conservation easement being installed 10 feet from the watercourse on the North side of the watercourse and 25 feet from the watercourse on the South side of the watercourse.

This Permit is valid for five (5) years unless otherwise specified in the permit or extended by the Agency. Permit renewal and extension shall be at the discretion of the Agency and may be subject to the calling of an additional Public Hearing. All permits shall expire upon the completion of the acts specified herein.

Signed: Kenneth M. Braga / km
Kenneth M. Braga, Chairman
Inland Wetlands Agency

Date of Issuance: July 25, 2005

RECEIVED April 28 2006
AT 11:59 AM
Cynthia J. Macvarish
TOWN CLERK

VOL 365 PAGE 0740

7005 MAR 17 A 10:44

712

**CONSERVATION EASEMENT
WARRANTY DEED**

RECORDED IN ELLINGTON
LAND RECORDS

VOL 365 PAGE 740-742

KNOW ALL MEN BY THESE PRESENTS, that We, **Joseph W. MacVarish**, of the Town of Ellington, County of Tolland, **Sandra Franklin and Zachery Pearson** both of the Town of East Hampton, County of Middlesex, and all being of the State of Connecticut, in consideration of the granting by the Town of Ellington Planning and Zoning Commission approval of a resubdivision Plan., do hereby grant, bargain sell and convey to the **TOWN OF ELLINGTON**, a municipality having its territorial limits within the County of Tolland and State of Connecticut, its successors and assigns forever, with **WARRANTY COVENANTS**, a "**CONSERVATION EASEMENT**" over and upon a portion of the Grantor's property being more particularly described and marked as "Conservation Easement" on a map or plan entitled "Resubdivision Plan Prepared for Joseph MacVarish Crystal Lake Road Ellington, Connecticut project 766-01 date 12/14/04 sheet 1 of 2 prepared by Anchor Engineering Services 875 Nutmeg Lane Glastonbury Connecticut 06033." Which map is on file in the Ellington Town Clerk's Office.

Reference is made to a Quitclaim Deed of **Barbara F. MacVarish to Joseph W. MacVarish, Sandra Franklin and Zachery Pearson** dated January 18, 2005 and recorded in the Ellington Land Records in Volume 347 at Page 217

(hereinafter the "Protected Property"), for the purpose of preserving the use of the Protected Property as hereinafter specified.

This Conservation Easement is executed and delivered and said easement is granted upon the following conditions:

1. This is a grant of a conservation restriction, as defined in Sections 47-42a through 47-42c of the Connecticut General Statutes. The restriction is granted pursuant to the statute in perpetuity exclusively for the conservation purpose of the preservation of open space in support of public policies and programs of the Town of Ellington.
2. The general topography of the landscape shall be maintained in the condition which will exist after implementation of the site development and grading plan approved as part of subdivision plan, and no topographic changes shall thereafter be made. Topographic changes shall include, without exclusion, clearing of natural vegetation, erection of any building, roads, or alteration of natural or existing water courses, sewage disposal systems, well and watering systems; there shall be no advertising

3. The Grantors reserve for themselves, their heirs and assigns forever, the right to continue the use of the Protected Property for purposes consistent with this Agreement.

4. The Grantee, its agents and employees, assigns and successors shall not interfere with the use and enjoyment of the Protected Property by the Grantors, their heirs and assigns, in accordance with this Agreement.

5. The public shall have no right to enter the Protected Property for any purpose, except officials, employees and agents of the Town of Ellington shall have the right to enter the protected property at all reasonable times with prior notice to the Owner to inspect the property to determine if the then Owner is complying with this restriction and Easement.

6. If the Protected Property or any part of it shall be taken by eminent domain, this restriction shall terminate automatically so that Protected Property taken so that the Grantors, or their successors assigns, may be as fully compensated as though this easement had never been granted.

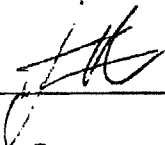
7. This easement shall run with the Protected Property in perpetuity.

8. As a condition of approval and the acceptance of this easement, the grantors agree for themselves, their heirs, successors and assigns to mark the perimeter of the easement area every 200 feet with signs obtained from the Town and to maintain said signs.

9. All provisions hereof shall bind, and the benefits and advantage shall inure to, the respective heirs, successors and assigns of the parties hereto.

IN WITNESS WHEREOF, we have hereunto set our hands and seals this 7th day of March, A.D., 2006.

Signed, Sealed and Delivered
In Presence Of:



Atherton B. Ryan
Atherton B. Ryan

Mariette A. Gallo
Mariette A. Gallo



Sandra Franklin
Sandra Franklin

Zachery Pearson
Zachery Pearson

STATE OF CONNECTICUT }
COUNTY OF TOLLAND } ss. Tolland

On this the 8th day of March, 2006, before me, the undersigned officer, personally appeared **Joseph W. MacVarish**, who acknowledged himself to be the Grantor, Signer and Sealer of the foregoing Instrument, and he acknowledged the same to be his free act and deed.

In Witness Whereof, I hereunto set my hand and official seal.

Atherton B. Ryan
Atherton B. Ryan
Commissioner of the Superior
Court / Notary Public

STATE OF CONNECTICUT }
COUNTY OF TOLLAND } ss. Tolland

On this the 8th day of March, 2006, before me, the undersigned officer, personally appeared **Sandra Franklin**, who acknowledged herself to be the Grantor, Signer and Sealer of the foregoing Instrument, and she

ELLINGTON PLANNING DEPARTMENT
STAFF REVIEW SHEET

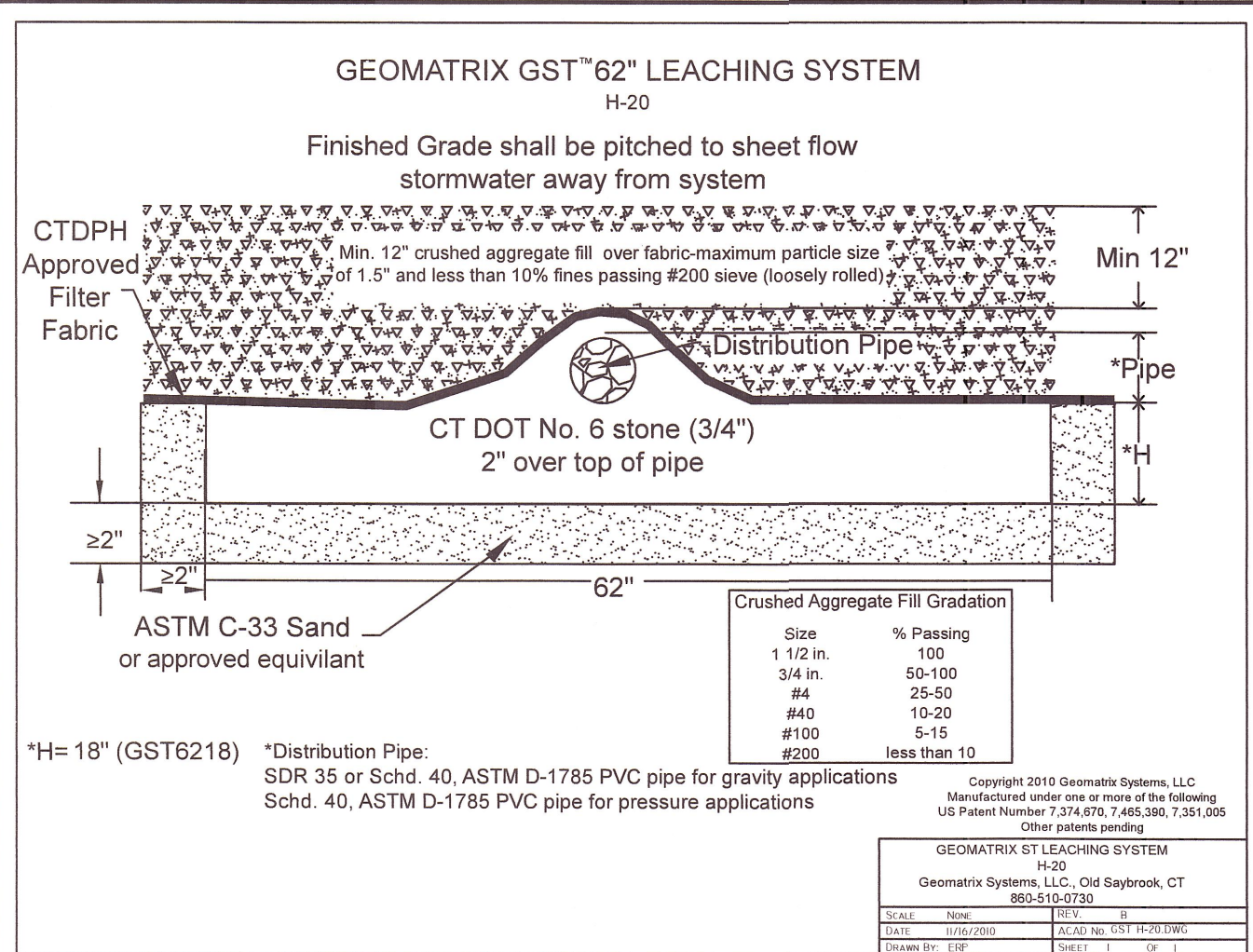
Inland Wetland Agency

IW202401 – Kaz & Bogumila Podbielski, owner/applicant, request for permit to construct a single-family home, driveway, pipe culvert and associated improvements at 266 Crystal Lake Road, APN 083-018-0000.

PUBLIC HEARING DATE: February 12, 2024

STAFF REVIEW RETURN DATE: February 6, 2024

DEPARTMENT	COMMENTS AND/OR REQUIREMENTS
Town Engineer	
Building Official	
North Central District Health Dept	
Fire Marshal	
Public Works Director/WPCA	DPW- The engineering report shows a driveway crossing design to support a “50-year” rainfall event. Given the past couple years of rainfall history, it would be my recommendation to design something more substantial. WPCA- No comment.
Assessor	
Traffic Authority	
Ambulance	



SOILS DATA

OBSERVED BY WES LIROT, NCDHD & JOHN MARTUCCI, LBM ENGINEERING LLC - JUNE 16, 2015

TEST PIT	SOIL TYPE	DEPTH	MOISTURE	SEEPAGE
TEST PIT 2015-1	0-12" TOPSOIL	12-24" BROWN FINE SANDY LOAM WITH LOAMY GRAVEL	24%	NO LEDGE
TEST PIT 2015-2	0-12" TOPSOIL	12-28" BROWN FINE SANDY LOAM WITH SILT	24%	NO LEDGE
TEST PIT 2015-3	0-12" TOPSOIL	12-24" BROWN FINE SANDY LOAM WITH LOAMY GRAVEL	24%	NO LEDGE
TEST PIT 2015-4	0-10" TOPSOIL	10-24" RED-BROWN FINE SANDY LOAM	24%	NO LEDGE
TEST PIT 2015-5	0-12" TOPSOIL	12-28" BROWN FINE SANDY LOAM	24%	NO LEDGE
TEST PIT 2015-6	0-12" TOPSOIL	12-28" BROWN FINE SANDY LOAM	24%	NO LEDGE
TEST PIT 2015-7	0-12" TOPSOIL	12-24" RED-BROWN FINE SANDY LOAM	24%	NO LEDGE

SOILS DATA

OBSERVED BY WES LIROT, NCDHD & ANCHOR ENGINEERING LLC - APRIL 6, 2004

TEST PIT	SOIL TYPE	DEPTH	MOISTURE	SEEPAGE
TEST PIT 2A	0-11" TOPSOIL	11-32" BROWN SILTY LOAM	33%	NO LEDGE
TEST PIT 2B	0-9" TOPSOIL	9-19" BROWN SILTY LOAM	20%	NO LEDGE
TEST PIT 2C	0-9" TOPSOIL	9-28" BROWN SILTY LOAM	28%	NO LEDGE
TEST PIT 2D	0-10" TOPSOIL	10-33" BROWN SILTY LOAM	28%	NO LEDGE
TEST PIT 2E	0-11" TOPSOIL	11-32" BROWN SILTY LOAM	28%	NO LEDGE
TEST PIT 2F	0-12" TOPSOIL	12-28" BROWN FINE SANDY LOAM	28%	NO LEDGE
TEST PIT 2G	0-12" TOPSOIL	12-28" BROWN FINE SANDY LOAM	28%	NO LEDGE
TEST PIT 2H	0-12" TOPSOIL	12-28" BROWN FINE SANDY LOAM	28%	NO LEDGE
TEST PIT 2I	0-12" TOPSOIL	12-28" BROWN FINE SANDY LOAM	28%	NO LEDGE
TEST PIT 2J	0-12" TOPSOIL	12-28" BROWN FINE SANDY LOAM	28%	NO LEDGE
TEST PIT 2K	0-12" TOPSOIL	12-28" BROWN FINE SANDY LOAM	28%	NO LEDGE
TEST PIT 2L	0-12" TOPSOIL	12-28" BROWN FINE SANDY LOAM	28%	NO LEDGE
TEST PIT 2M	0-12" TOPSOIL	12-28" BROWN FINE SANDY LOAM	28%	NO LEDGE
TEST PIT 2N	0-12" TOPSOIL	12-28" BROWN FINE SANDY LOAM	28%	NO LEDGE
TEST PIT 2O	0-12" TOPSOIL	12-28" BROWN FINE SANDY LOAM	28%	NO LEDGE
TEST PIT 2P	0-12" TOPSOIL	12-28" BROWN FINE SANDY LOAM	28%	NO LEDGE
TEST PIT 2Q	0-12" TOPSOIL	12-28" BROWN FINE SANDY LOAM	28%	NO LEDGE
TEST PIT 2R	0-12" TOPSOIL	12-28" BROWN FINE SANDY LOAM	28%	NO LEDGE
TEST PIT 2S	0-12" TOPSOIL	12-28" BROWN FINE SANDY LOAM	28%	NO LEDGE
TEST PIT 2T	0-12" TOPSOIL	12-28" BROWN FINE SANDY LOAM	28%	NO LEDGE
TEST PIT 2U	0-12" TOPSOIL	12-28" BROWN FINE SANDY LOAM	28%	NO LEDGE
TEST PIT 2V	0-12" TOPSOIL	12-28" BROWN FINE SANDY LOAM	28%	NO LEDGE
TEST PIT 2W	0-12" TOPSOIL	12-28" BROWN FINE SANDY LOAM	28%	NO LEDGE
TEST PIT 2X	0-12" TOPSOIL	12-28" BROWN FINE SANDY LOAM	28%	NO LEDGE
TEST PIT 2Y	0-12" TOPSOIL	12-28" BROWN FINE SANDY LOAM	28%	NO LEDGE
TEST PIT 2Z	0-12" TOPSOIL	12-28" BROWN FINE SANDY LOAM	28%	NO LEDGE

PERC DATA

AESCHLIMAN LAND SURVEYING PC
JUNE 16, 2015

DEPTH: 28"
PRE-SOAK: 11:20 AM
12:25 13.5"
12:35 16"
12:45 17.5"
1:05 19.875"
1:15 20.875"
1:25 21.875"

RATE: 10MIN/INCH

ANCHOR ENGINEERING
MARCH 16, 2005

PERC #2
DEPTH: 19.5"
RATE: 8MIN/INCH

SEPTIC SYSTEM DESIGN PARAMETERS

RESTRICTIVE LAYER: 28"
MLSS = N/A

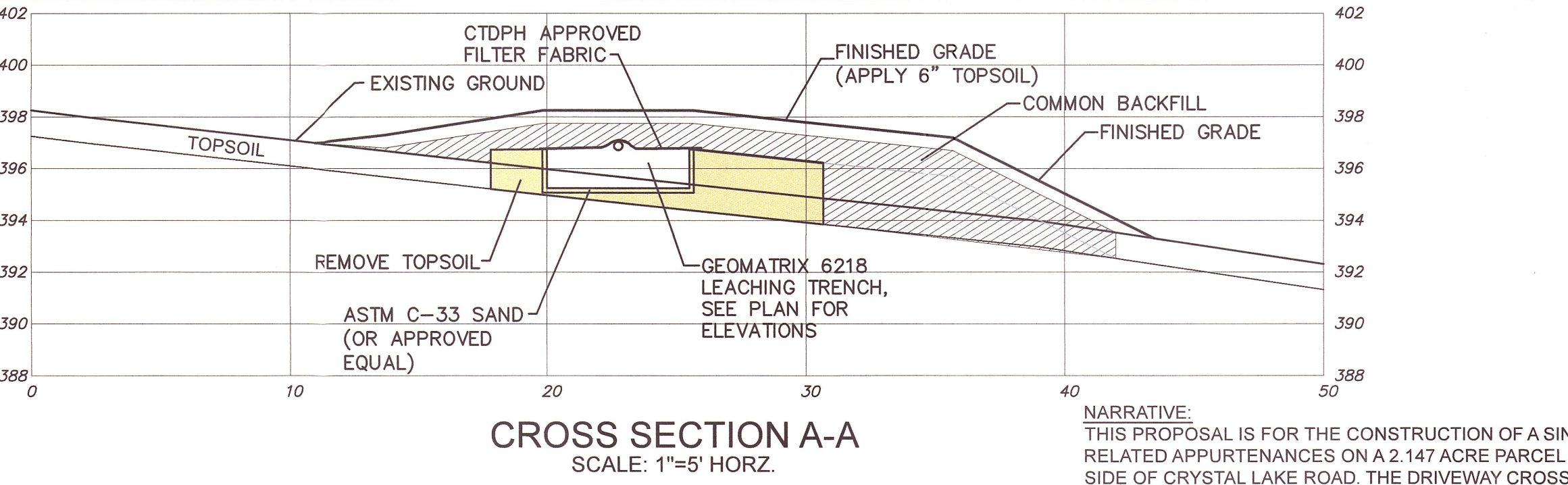
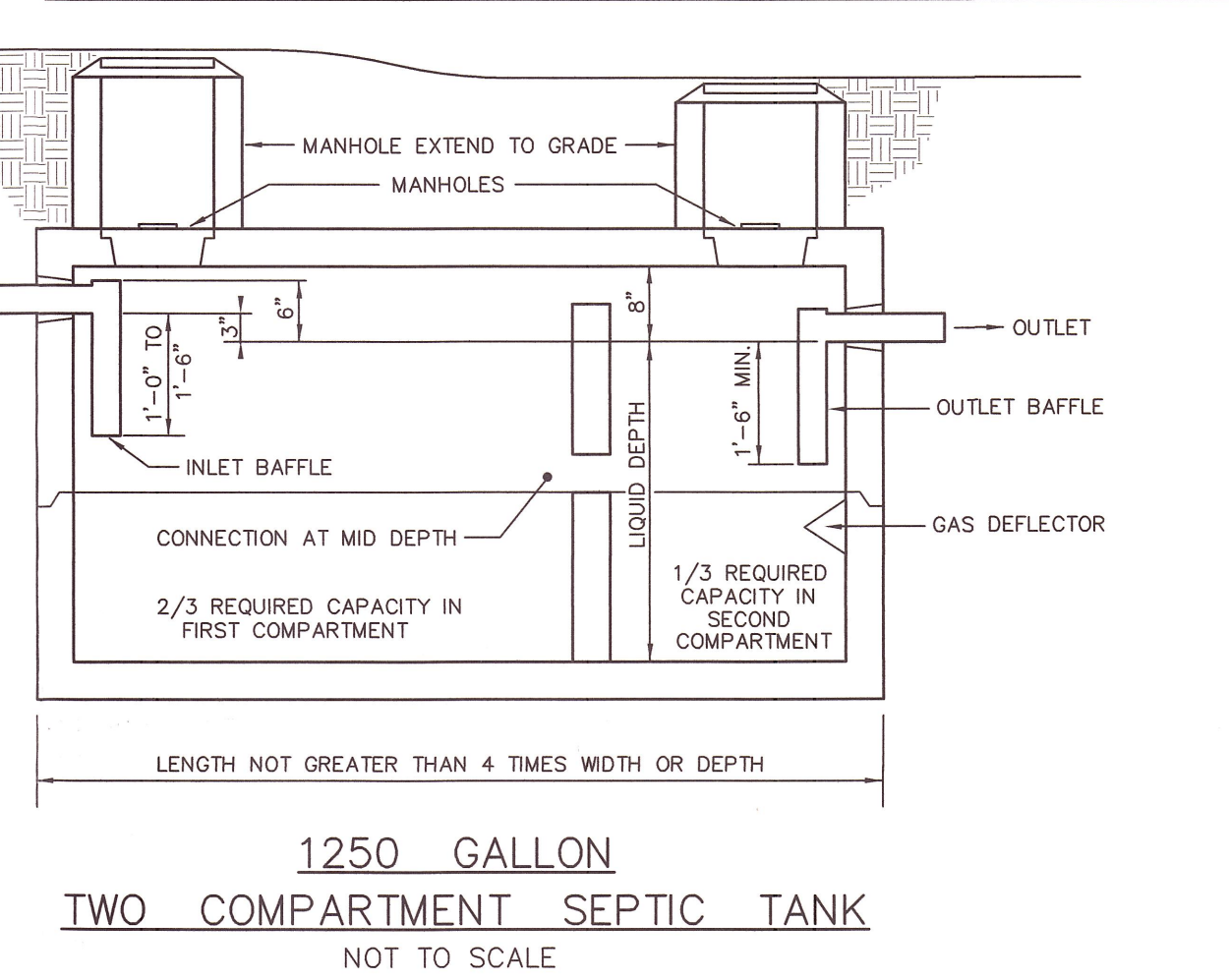
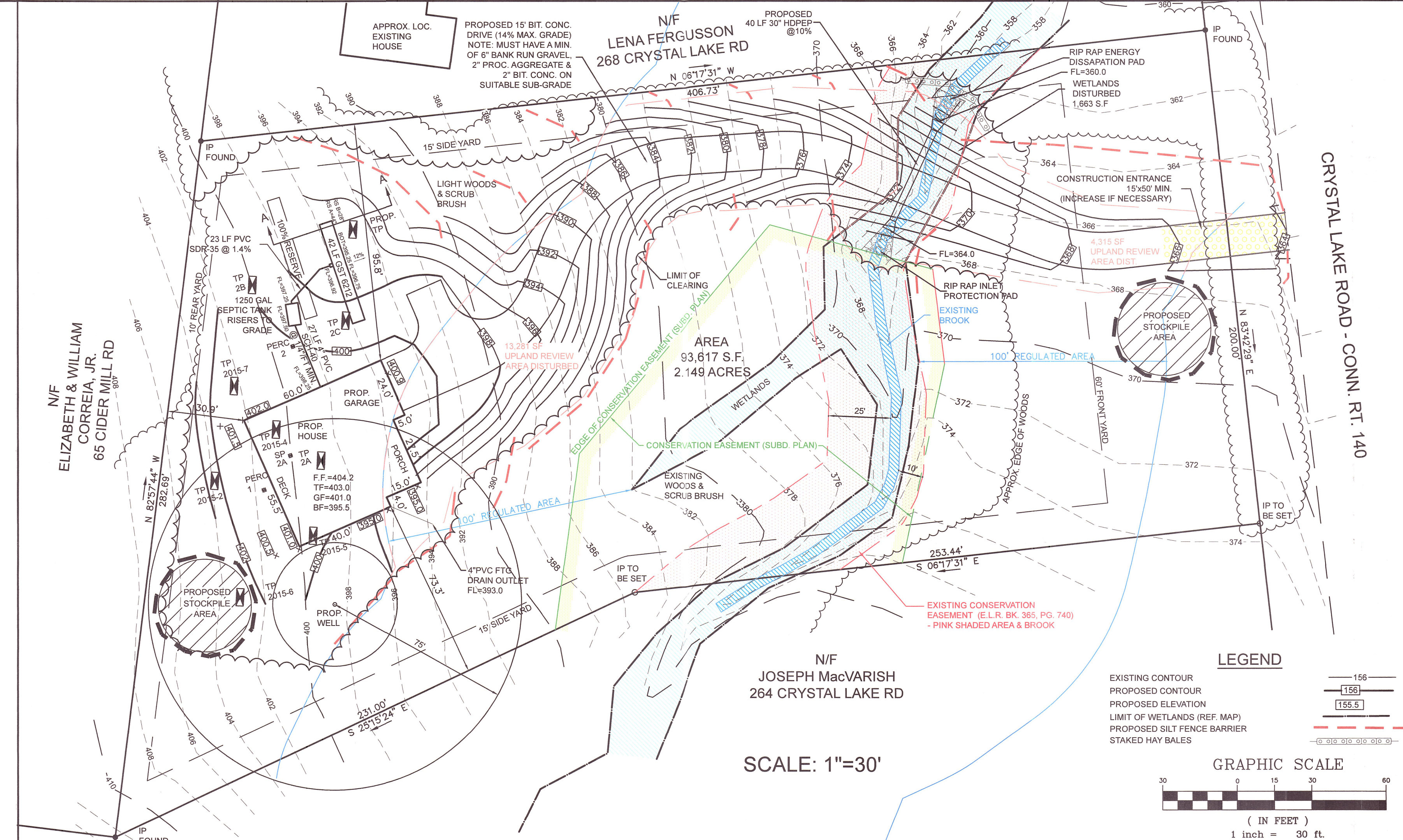
PERC 8.0 MIN/IN.
4 BEDROOM
REQUIRED EFFECTIVE AREA = 577.5 SF
SYSTEM TO BE NO MORE THAN 10' INTO GRADE (TP 2C 28"-18"=10').

USE GST 6218
14.0 SF/EA/LF x 42' = 588 SF ELA

SYSTEM ELEVATIONS:
BOTTOM ASTM C-33 SAND - 395.08
BOTTOM STONE-GST 6218 - 395.25
FLOW LINE 4" DISTRIBUTION LINE - 396.75
DISTRIBUTION BOX OUTLET FLOW LINE - 396.64
DISTRIBUTION BOX INLET FLOW LINE - 396.92
SEPTIC TANK OUTLET FLOW LINE - 397.05
SEPTIC TANK INLET FLOW LINE - 397.50
FLOW LINE 4" PVC @ FOUNDATION WALL - 398.25
BASEMENT FLOOR - 401.0
TOP OF FOUNDATION - 403.0
FIRST FLOOR - 404.25

NOTES:

- SEPTIC TANK SHALL BE A MINIMUM 1250 GAL. TWO-COMPARTMENT TANK, WATERTIGHT, AND PROPERLY BAFFLED AT THE INLET AND OUTLET. TANK OUTLET SHALL BE APPROVED HIGH-BYPASS EFFLUENT FILTER.
- THE PIPE BETWEEN THE BUILDING AND SEPTIC TANK SHALL BE 4" SCH 40 PVC WITH RUBBER COMPRESSION GASKET JOINTS (ANNA C-100) OR EQUAL. PIPE SHALL HAVE 1/4 IN. FT. SLOPE.
- SOLID DISTRIBUTION PIPE AFTER SEPTIC TANK SHALL BE 4" PVC MEETING ASTM D3034 OR EQUAL.
- BOTTOM OF SYSTEM SHALL BE LEVEL THROUGHOUT.
- ALL TOPSOIL IN THE AREA OF THE SYSTEM SHALL BE STRIPPED BEFORE FILLING.
- STRIPPED AREA MUST RECEIVE SANITARIAN APPROVAL BEFORE FILLING. FILL MUST BE PLACED ON SAME DAY AREA IS STRIPPED.
- SANITARIAN SHALL INSPECT FILL PLACEMENT. ALL FILL MATERIAL MUST BE APPROVED PRIOR TO PLACEMENT IN SYSTEM AREA.
- ANY FILL MATERIAL REQUIRED WITHIN THE LEACHING AREA SHALL BE "SELECT FILL" COMPRISED OF CLEAN SAND AND GRAVEL, FREE FROM ORGANIC MATTER AND FOREIGN SUBSTANCES AND COMPACTED IN SIX (6) INCH LAYERS. THE FILL MATERIAL SHALL MEET THE "SELECT FILL" SPECIFICATIONS UNLESS OTHERWISE APPROVED BY A PROFESSIONAL ENGINEER.
- RISERS ARE REQUIRED IF TANK COVER IS 3/4" DEEP.
- TANK SIZE SHALL BE INCREASED FOR GARAGE GRINDER OR TUB > 100 GALLON.
- UTILITY TRENCH WITHIN 25' OF WELL SHALL BE BACKFILLED WITH NATIVE MATERIAL.
- ANY MODIFICATIONS TO APPROVED PLAN MUST BE AUTHORIZED BY DESIGN ENGINEER AND THE LOCAL HEALTH DISTRICT.



Stone aggregate must be of uniform consistency and only clean, hard, durable fragments that meet the specifications cited in the stone aggregate definition (Section 1), which includes a fines standard of a maximum of 1% passing the No. 200 sieve at the pit/quarry source. This standard should also be met at the SSDS installation site; however, in no case shall the fines exceed 1.5%. Stone aggregate utilized in system installations shall meet the following gradations for either No. 4 stone aggregate or No. 6 stone aggregate, respectively:

SIEVE SIZE	PERCENT PASSING (BY WEIGHT)	PERCENT PASSING (BY WEIGHT)
2-inch	100	N/A
1.5-inch	90-100	N/A
1-inch	20-55	100
3/4-inch	0-15	90-100
1/2-inch	N/A	20-55
3/8-inch	0-5	0-15
#4	N/A	0-5

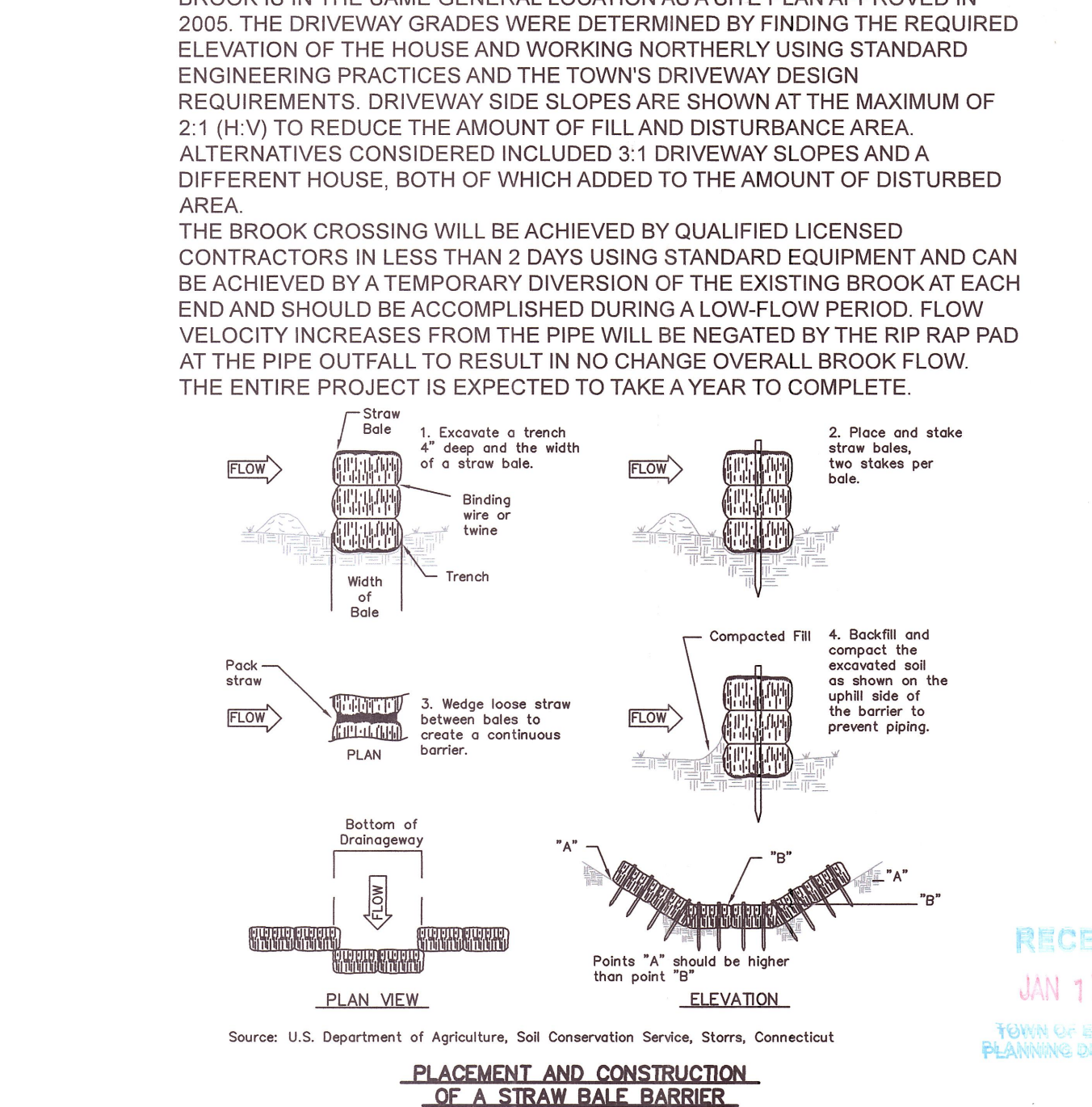
Select fill placed within and adjacent to leaching system areas shall be a clean material comprised of sand, or sand and gravel, free from organic material and foreign substances. The select fill shall meet the following requirements unless otherwise approved by the design P.E.

- The select fill shall not contain any material larger than three (3) inch sieve.
- Up to 45% of the dry weight of representative sample may be retained on the #4 sieve.
- The material that passes the #4 sieve is then reweighed and the sieve analysis started.
- The remaining sample shall meet the following gradation criteria:

SIEVE SIZE	PERCENT PASSING (BY WEIGHT)
WET SIEVE	100
#4	70-100
#40	10-50
#100	0-20
#200	0-5

* Percent passing the #40 sieve can be increased to no greater than 75 if the percent passing the #100 sieve does not exceed 10 and the #200 sieve does not exceed 5.

Select fill that does not meet the dry sieve gradation criteria but meets the wet sieve gradation criteria is acceptable. Sieve testing of select fill is required for large SSDS whenever the leaching system is located entirely in select fill. The DOH may require sieve testing of select fill on small SSDS in accordance with PFC Section 19-13-103(a)(6)(G). The licensed installer is responsible for preparing the leaching area with acceptable select fill. Topsoil in the leaching system area shall be removed and the subsoil scarified prior to select fill placement unless otherwise directed by the design P.E. The installer shall take the necessary steps to protect the underlying receiving soil from over compaction/damage. The installer is responsible for properly compacting select fill to facilitate construction and to prevent settling. Select fill shall extend a minimum of 5 feet laterally downgradient on sloped, restrictive layer lots and 2 feet laterally for all other extensions (upgradient and sides on sloped restrictive layer lots) beyond the outer perimeter of the leaching field.



EROSION AND SEDIMENTATION CONTROL NARRATIVE:

- DISTURBANCE OF SOIL SURFACE IS REGULATED BY STATE LAW. ALL WORK SHALL COMPLY WITH THE APPROVED "GRADING AND EROSION CONTROL PLAN" TO PREVENT OR MINIMIZE SOIL EROSION.
- THE INSTALLATION AND MAINTENANCE OF EROSION CONTROL DEVICES IS THE RESPONSIBILITY OF THE LAND OWNER AND THE EXCAVATION CONTRACTOR. TOWN OFFICIALS MAY CONTACT ARTHUR PODBIELSKI TO REPORT ANY FAULTY CONDITIONS. A PRE-CONSTRUCTION CONFERENCE WITH TOWN STAFF IS REQUIRED, PRIOR TO COMMENCEMENT OF ANY SITE WORK OR DISTURBANCE.
- THE CONTRACTOR SHALL OBTAIN A COPY OF THE "CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL" (2002), AS AMENDED, FOR USE AS A GUIDE IN IMPLEMENTING THE EROSION AND SEDIMENT CONTROLS INDICATED ON THESE PLANS. A FIELD COPY OF THE 2002 CT GUIDELINES SHALL BE AVAILABLE ON-SITE DURING ACTIVE CONSTRUCTION. THE GUIDELINES MAY BE OBTAINED FROM THE CONNECTICUT COUNCIL ON SOIL AND WATER CONSERVATION, CT D.E.P. 79 ELM STREET, HARTFORD, CT 06106-5127. TEL (860) 424-3555 ~ FAX (860) 424-4088 ~ INTERNET: http://dep.state.ct.us
- THE CONTRACTOR SHALL INFORM ALL CONSTRUCTION SITE WORKERS ABOUT THE MAJOR PROVISIONS OF THE EROSION AND SEDIMENT CONTROL PLANS AND REQUIRE THEIR COOPERATION IN AVOIDING THE DISTURBANCE OF THESE CONTROL MEASURES.
- THE CONTRACTOR SHALL SCHEDULE ALL OPERATIONS TO LIMIT DISTURBANCE TO THE SMALLEST PRACTICAL AREA FOR THE SHORTEST POSSIBLE TIME.
- THE CONTRACTOR IS RESPONSIBLE FOR THE TIMELY INSTALLATION, INSPECTION, REPAIR OR REPLACEMENT OF EROSION CONTROL DEVICES TO ENSURE PROPER OPERATION.
- THE CONTRACTOR SHALL INSPECT AND REPAIR EROSION AND SEDIMENT CONTROL DEVICES AT THE END OF EACH WORKING DAY AND AFTER EACH STORM.
- THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF UNSATISFACTORY EROSION CONDITIONS NOT CONSIDERED BY THIS EROSION AND SEDIMENT CONTROL PLAN AND SHALL INSTALL ADDITIONAL MEASURES AS DIRECTED BY TOWN OFFICIALS AND/OR ENGINEER. ADDITIONAL EROSION AND SEDIMENT CONTROL DETAILS FROM THE 2002 CT GUIDELINES SHALL BE USED FOR APPLICATIONS THAT ARE NOT INCLUDED IN THESE PLANS.
- ACCUMULATED SEDIMENT REMOVED FROM EROSION CONTROL DEVICES IS TO BE SPREAD AND STABILIZED IN LEVEL, EROSION RESISTANT LOCATIONS AS GENERAL FILL WITHIN THE LIMITS OF DISTURBANCE AS SHOWN ON THE SITE DEVELOPMENT PLAN. (OUTSIDE OF WETLANDS AND THE REGULATED AREAS.)
- ALL DISTURBED AREAS NOT COVERED BY BUILDINGS OR PAVEMENT SHALL BE PLANTED WITH GRASS ON 4" THICKNESS OF TOPSOIL.
- SEEDING: BETWEEN APRIL 1 TO JUNE 15, AND AUGUST 15 TO SEPTEMBER 30, FOLLOWING SEEDING AND SLOPE STABILIZATION DIRECTIVES.
 - FINE GRADE SEED BED TOGETHER WITH LIMESTONE AT A RATE OF 100 LBS PER 1000 SF AND 10-10-10 FERTILIZER AT A RATE OF 15 LBS PER 1000 SF.
 - APPLY THE FOLLOWING SEED MIXTURE PER 100 SF: KENTUCKY BLUE GRASS AT 2 LBS, CREEPING REED FESCUE AT 1 LB AND PERENNIAL RYEGRASS AT A RATE OF 2 LBS.
 - IF SEEDING CANNOT BE DONE WITHIN THE SPECIFIED SEEDING DATES, SEED WITH ANNUAL RYEGRASS AT A RATE OF 1 LB/1000 SF AS A TEMPORARY MEASURE (LATER RESEEDING REQUIRED) OR SEED AS SPECIFIED AND PROVIDE MULCHING AND/OR PERIODIC WATERING FOR SUMMER MONTHS.
- MULCHING: IMMEDIATELY FOLLOWING SEEDING, MULCH THE SEEDING SURFACE WITH STRAW OR HAY AT A RATE OF 1 TON/ACRE. SPREAD MULCH BY HAND OR SMALL BLOWER.
- THERE SHALL BE NO OPEN BURNING DURING CLEARING OPERATIONS PER THE FIRE MARSHALL.

NOTE: INLAND WETLANDS PERMIT FOR REGULATED ACTIVITY WAS GRANTED ON JULY 18, 2005 FOR THE SUBJECT PROPERTY FOR SIMILAR ACTIVITY. PERMIT HAS Lapsed, HOWEVER, THE ASSOCIATED CONSERVATION EASEMENT HAS BEEN FILED WITH THE TOWN CLERK.

UPLAND REVIEW AREA AFFECTED: 17,596± S.F.
WETLANDS DISTURBED: 1,163± S.F.
WATER COURSE DISTURBED: 70 LF
TOTAL LAND DISTURBED: 37,700± S.F.

FILL BROUGHT TO SITE MUST BE CERTIFIED CLEAN.

REFER TO "ENGINEERING REPORT PROPOSED DRIVEWAY CULVERT 366 CRYSTAL LAKE ROAD, ELLINGTON, CONNECTICUT" DATED JANUARY 15, 2024 BY JOHN R. MARTUCCI, P.E.

CONSTRUCTION SCHEDULE:

- OBTAIN ALL NECESSARY PERMITS.
- INSTALL SILT FENCE ALONG ROADWAY.
- CLEAR & GRUB SITE ACCESS DRIVEWAY.
- INSTALL EROSION & SEDIMENTATION CONTROL MEASURES TO 50' PAST THE BROOK.
- CLEAR & GRUB AREA FROM ROAD TO 50' PAST BROOK.
- STRIP & STOCKPILE TOPSOIL TO 50' PAST BROOK.
- INSTALL 30" HDPEP & ASSOCIATED RIP RAP.
- CONSTRUCT DRIVEWAY TO 50' PAST BROOK, REVEGETATE DISTURBED AREAS PER SCS GUIDELINES.
- CLEAR & GRUB AREA WEST OF BROOK.
- INSTALL REMAINING E & S CONTROL MEASURES.
- STRIP TOPSOIL & TOPSOIL WEST OF BROOK.
- INSTALL DRIVEWAY TO HOUSE SITE.
- CONSTRUCT HOUSE AND RELATED APPURTENANCES.
- REVEGETATE DISTURBED AREAS PER SCS GUIDELINES.
- PAVE BIT CONC. DRIVEWAY.
- REMOVE EROSION CONTROL MEASURES AFTER SITE HAS BEEN STABILIZED (GRASS MOWED 3 TIMES).

WETLANDS PERMIT APPLICATION and PLOT PLAN
266 CRYSTAL LAKE ROAD - ROUTE 140

PREPARED FOR
KAZ & BOGUMILA PODBIELSKI
ELLINGTON, CONNECTICUT

CLARK LAND SURVEYING, LLC
126 TUNXIS ROAD
BRISTOL, CONN. 06010
(860)-967-8590
TODD@CLARKLS.BIZ

DATE: 1-15-2024 SCALE: 1" = 30' MAP NO. 2023-98

RECEIVED JAN 17 2024 TOWN OF ELLINGTON PLANNING DEPARTMENT

Signature: *William T. Clark*

IW 202401

Town of Ellington Inland Wetlands and Watercourses Agency Application

Application # FW202402
Date Submitted 1-17-2024

Notices associated with this application will be sent to the applicant unless otherwise requested.

Owner's Information

Name: Town of Ellington
Mailing Address: 55 Main St.
Ellington, CT 06029
Email: 1spielman@ellington-ct.gov

WHEN NOT REQUIRED BY LAW TO MAIL NOTICE BY USPS, MAY NOTICES BE EMAILED TO YOU? Yes No

Primary Contact Phone #: 860-870-3100
Secondary Contact Phone #: _____

Owner's Signature: [Signature] Date: 1-16-2024

By signing below I certify that all information submitted with this application is true and accurate to the best of my knowledge, that I am aware of and understand the application requirements and regulations, and acknowledge that the application is to be considered complete only when all information and documents required by the Agency have been submitted. Moreover, by signing above I/we expressly provide written consent to the filing of the application and access to the site by the Agency or its staff.

Notices associated with this application will be sent to the applicant unless otherwise requested.

Applicant's Information (if different than owner)

Name: Town of Ellington Trails Committee
Mailing Address: 55 Main St.
Ellington, CT 06029
Email: Andy.in.49@earthlink.net

WHEN NOT REQUIRED BY LAW TO MAIL NOTICE BY USPS, MAY NOTICES BE EMAILED TO YOU? Yes No

Primary Contact Phone #: 860-739-1002
Secondary Contact Phone #: _____

Applicant's Signature: [Signature] Date: 1/9/24

By signing below I certify that all information submitted with this application is true and accurate to the best of my knowledge, that I am aware of and understand the application requirements and regulations, and acknowledge that the application is to be considered complete only when all information and documents required by the Agency have been submitted.

Street Address: Wandermere Trail - Wandermere Ave - Bridge parking lot

Assessor's Parcel Number (APN): 017 - 023 - 0000 Spur trail near H2 #13

Proposed upland review area affected in square feet: 0

Proposed wetlands/watercourses affected in square feet and linear feet (as applicable): 108 SF +/-

Total area of wetlands/watercourses on parcel in square feet or acres: N/A RECEIVED

Public Water: Yes No Public Sewer: Yes No *If not served by public water and sewer, applicant shall make application to North Central District Health Department (Enfield Office) if required.*

Is the project in a public water supply watershed area? Yes No
If YES, applicant is required to notify the Connecticut Water Company and Commissioner of Public Health by certified mail, return receipt within 7 days of this application (Conn. Gen Stat. Sec 22a-42f). Copy of application, plans, and supporting documents must accompany notice. Applicant can email the Commissioner of Public Health using their approved form. Proof of notice (return receipt and sent email) must be provided to the Planning Department.

Describe the nature of proposed regulated activity, request for acceptance of a permitted use as of right or a nonregulated use, map or regulation amendment, or other activity requiring review by the Agency or its Agent:
See attached Application Checklist and Appendix D for guidance when preparing application

Permission to build a 36ft Trex Bridge (Boardwalk) to extend the 500ft east spur trail to the bank in the Hockanum River. This will give access to bird watchers/fisherman to the river.

TOWN OF ELLINGTON
PLANNING DEPARTMENT

Applicant shall provide certification in accordance with Wetlands Regulation, Section 7.4e, Application Requirements:

Whether or not any portion of the property on which the regulated activity is proposed is located within 500 feet of an adjoining town. Yes No

Whether or not a significant portion of the traffic to the completed project will use streets within an adjoining town to exit or enter the site. Yes No

Whether or not a significant portion of the sewer or water drainage from the project will flow through and significantly impact the sewer or water drainage system of an adjoining town. Yes No

Whether water run-off from the improved site will impact streets or other municipal/private property within an adjoining town. Yes No

FOR OFFICE USE ONLY

If YES to any of the above, the Agency shall, in accordance with CGS 8-7d(f) notify the clerk of any adjoining municipality of the pendency of any application, petition, appeal, request or plan concerning any project on any site. Notice of the pendency of such application shall be made by certified mail, return receipt requested, and shall be mailed within seven (7) days of the date of receipt of the application, petition, appeal, request or plan. (See Agency requirements Section 8.4)

Type of Project: (check one)

Commercial/Industrial Residential Mixed Use Timber Agricultural

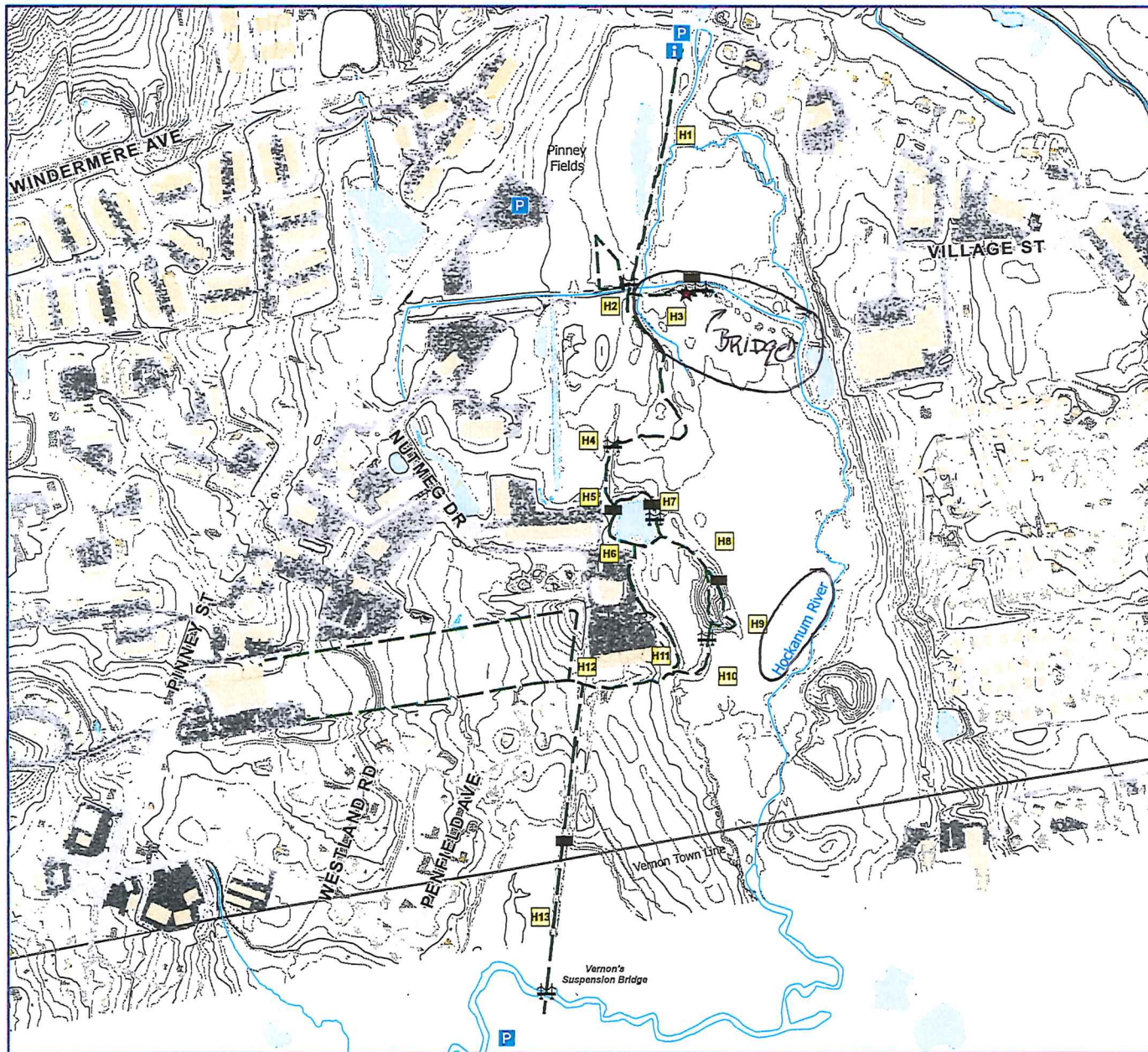
Other, explain: Town Trails

Type of Application: (check one)

- Notification for Non-Regulated Use (Section 4.2)
- Notification of Permitted Use as of Right (Section 4.1)
- Administrative Permit (Section 6.4)
- Agency Permit (TWELVE COPIES REQUIRED)
- Permit Modification
- Permit Extension
- Regulation Amendment
- Map Amendment
- Appeal of Administrative Permit

Application Submittals:

- Completed Application Form (Section 7.4a)
- Application Fee (Section 7.4b)
- Abutters List (Section 7.4c)
- Certification as to Adjacent Towns (See above)
- Certification as to Connecticut Water Company & Commissioner of Public Health (See above)
- Notification Narrative and Supporting Documentation (If applicable, Appendix D)
- Project Narrative and Supporting Documentation (Section 7.4g, 1-11 inclusive, as deemed applicable)
- Project Site Plan - circle one: Administrative (Section 7.4h1) / Agency (Section 7.4h2)
- Supplemental Information (Section 7.5a-j, inclusive, as deemed applicable)



Windermere Trail



Trail Guide

The Windermere Trail is located on Town of Ellington land and starts at the Windermere Avenue bridge parking lot. The trail follows the Hockanum River and at .09 miles it crosses over the river. Be on the lookout for eagles, muskrats, and even bobcats. The trail also branches 500 ft. east past a bench to a bend in the Hockanum River and then ends. Continuing on the trail it winds through woods onto an old railroad line and to a pond (.47 miles). The trail loops around the pond (great turtle viewing) and continues southerly to a trail that accesses the YMCA, or take a left down the tree lined trail to the Town of Vernon's suspension bridge (.94 miles). Roundtrip on the Windermere Trails is approximately 2 miles.

Suggested Trail Activities

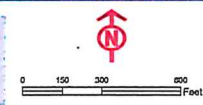


Legend

- Main Trail
- Emergency Trail Markers*
- P Parking
- I Information Kiosk
- ≡ Bridge
- Bench
- ★ Point of Interest

RECEIVED
 JAN 17 2024
 TOWN OF ELLINGTON
 PLANNING DEPARTMENT

*As you walk the trail you may notice yellow markers with an alphanumeric designation. If you have a medical or other emergency, please call 911 and give dispatch the nearest marker number. This will help emergency personnel find you.

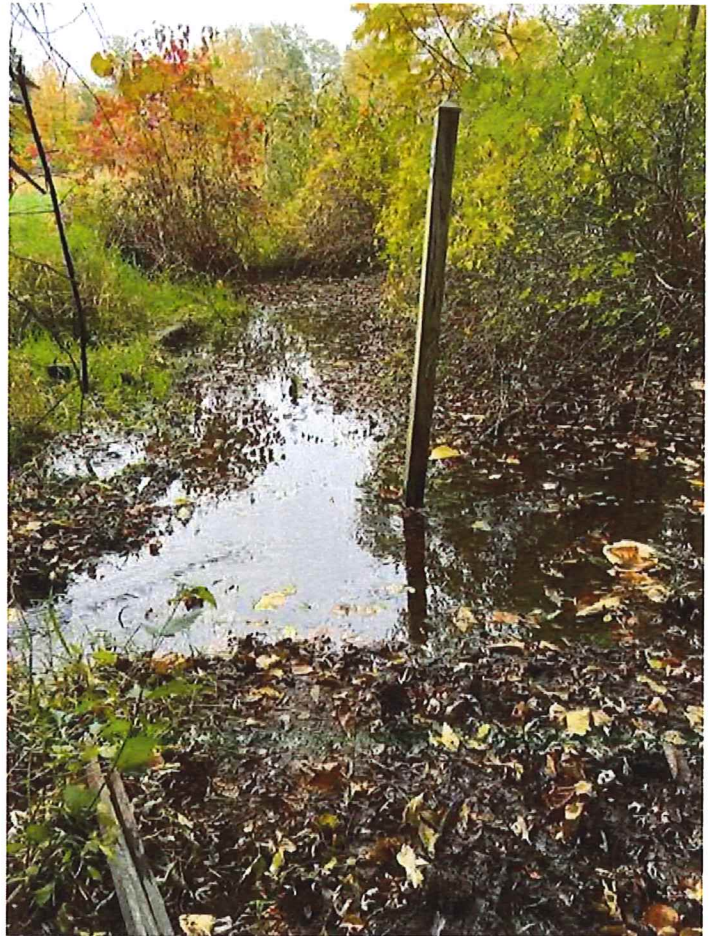


Map Revised 2022
 AppGeo

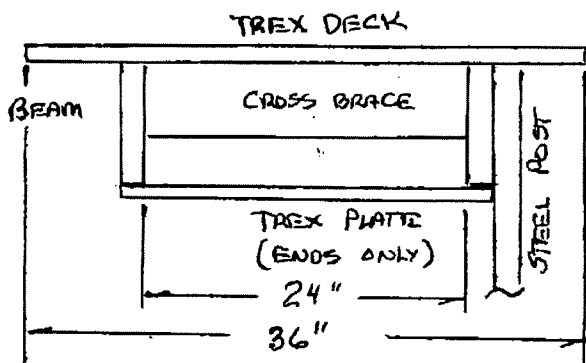
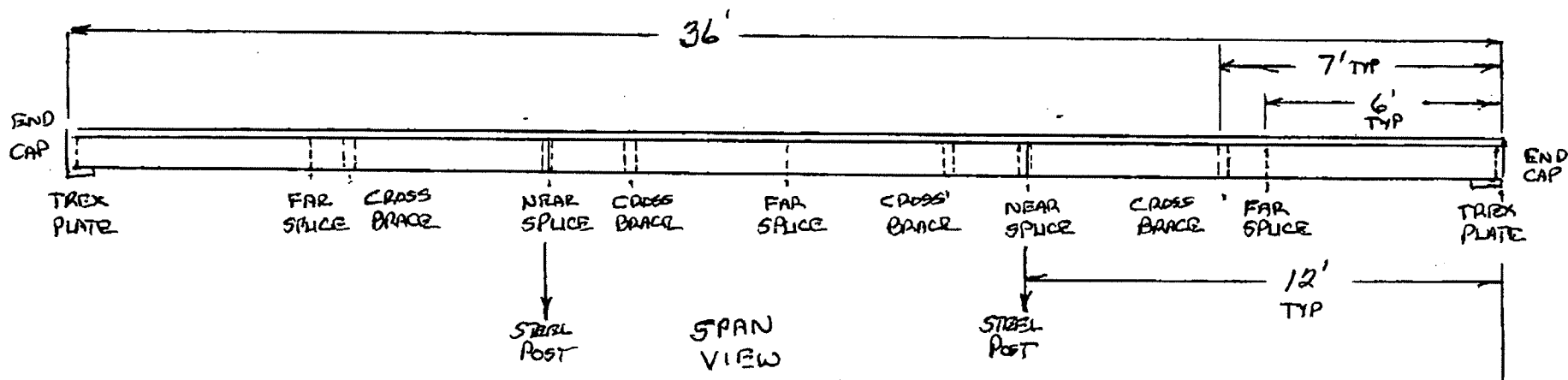
Spur Trail Bridge 1



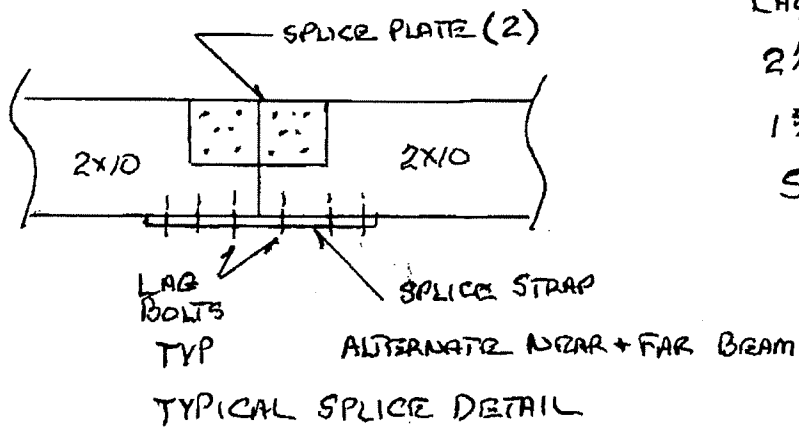
Spur Trail Corner



South Bridge



END VIEW
WATER FLOW →

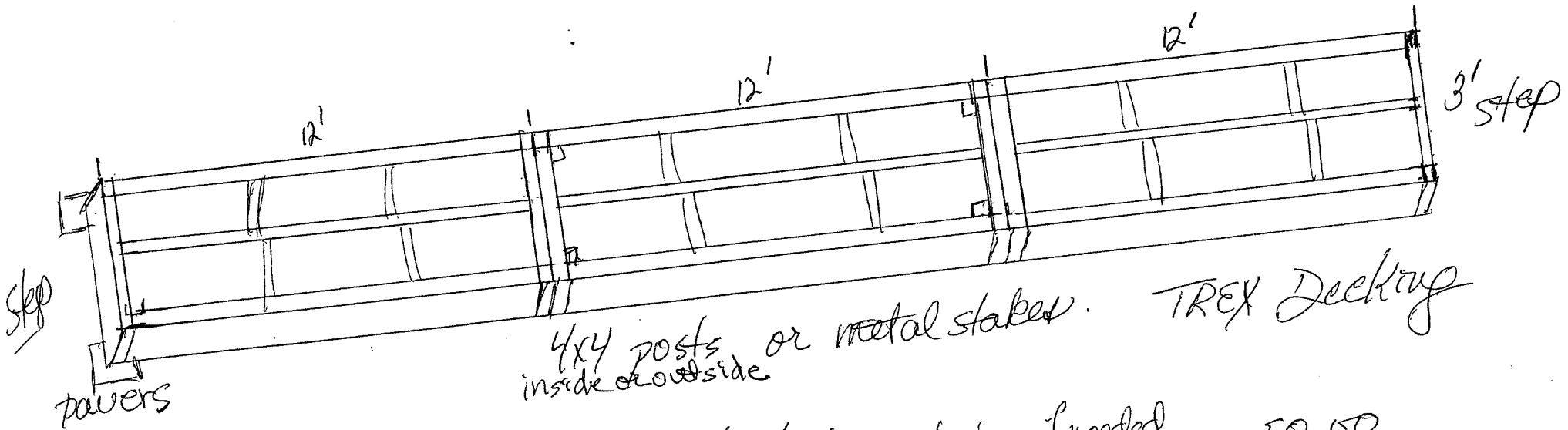


SPUR BRIDGE #2

MATERIAL LIST		COST	TOTAL
BEAMS, 2x10x12'PT	6 EA	\$ 25.28 EA	\$ 151.68
CROSS BRACE, 2x()x2'	6 EA	IN STOCK	-
TREX DECK, 36" (216')	72 EA	IN STOCK	-
8' SPICE STRAP (STEEL)	5 EA	\$ 4.49 EA	\$ 22.45
TP35 SPICE PLATE	10 EA	\$ 1.99 EA	\$ 19.90
LAG BOLTS 1/4"x2"	20 EA	.59 EA	\$ 11.80
2 1/2" DECK SCREWS	100 EA	\$ 14.00	\$ 14.00
1 5/8" DECK SCREWS	225 EA	\$ 14.00	\$ 14.00
STEEL L POSTS	2 EA	DPW?	
EST TOTAL			\$ 235.00

Spur bridge #2

Ellington trails



Using the pans we used for the platform at Botz would add \$350.

We have the Trex so should be able to do for \$580 this can be tweaked using 4x4's or metal posts we have some 2x8's which could be used for bracing (save \$75)

4x4 posts or metal stakes inside or outside. TREX Decking

6x6x12 steps if needed	\$50.00
Beams - 2"x10"x12' x 9	\$225.00
End Cross brace 2"x10"x12' x 1	40.00
Cross brace - 2"x10"x8' x 1	
2x10 x 12 x 3	75.00
Deck Screws. Trapeze	72.00
Pavers 8x16 x 2 } x4	16.00
8x16 x 4 } x4	
4x4 posts 4-8- ? depth.	12.00
Timber lock screws } 4"	40.00
} 6"	44.00
TREX Deck 36' x 72	576.00
metal posts. x4.	6.00
	<hr/>
	\$1156.00

NOTIFICATION OF TIMBER HARVEST

Town: Ellington, CT Snipsic Date: 2/1/2024
 Property Location: 5-2-38 Shenipsit Lake Rd.

List all parcels:
 Assessor's Info:

Map	Block	Lot
057	016	0000
067	001	0000

OR:

Unique ID
00204800
00224000

Total acreage of property(s): 28 acres Total acreage of harvest area: 26

Landowner(s) of Record: CT Water Company
 Mailing Address: 93 W Main St.
 Town: Clinton, CT Zip 06413
 Phone (860) 664-6190
 E-mail: Jessica.Baldwin@ctwater.com

Primary Contact: Jessica Baldwin
 Mailing Address: 93 W Main St.
 Town: Clinton, CT Zip 06413
 Phone () 860-664-6190
 E-mail: Jessica.Baldwin@ctwater.com

Note: Timber harvesting is a *Permitted as of Right Activity* pursuant to the Inland Wetlands and Watercourses Act, except for those practices regulated under Section 22a-36 through 22a-45 of the Connecticut General Statutes.

Is there a current forest management/stewardship plan for this property? Yes No

This timber harvest has been prepared by a State of Connecticut certified:
 (Check one) Forester OR Supervising Forest Products Harvester
 Forest Practitioner Certificate #: 001341
 Name: Lori Lichtenauer
 Address: 1 Kennedy Ave, Unit 5403, Danbury, CT, 06810
 E-mail: Lori@connwood.com
 Phone #: (Business) 860-638-9142 (Cell) 201-245-4331

Property Boundaries: Bounds are marked: Yes No
Timber Harvest Boundaries: Have been marked or flagged: Yes No

Have owners of all lands within 100 feet of the harvest area been notified via first-class mail prior to filing this "Notification of Timber Harvest"? Yes No
 Estimated starting date of timber harvesting operations: 1/1 ~ winter 2024

Description of Timber Harvest:
 Objective: complete scheduled harvest as part of forest stewardship plan
 Treatment: "Irregular Shelterwood Harvest"

Amount of forest products to be harvested:
110,520 Board feet 11 Cords 9,210 Cubic feet _____ Tons

How have the trees to be harvested been designated?
 They have been marked with paint at eye level and at ground level. Paint color(s): Blue
 They have not been marked

This is not an official CT DEP form but it has been endorsed for town usage by: CT Farm Bureau Assoc., CT Forest & Park Assoc., CT Professional Timber Producers, Society of American Foresters - CT Chapter, and others.

SOIL, WATER AND INLAND WETLANDS RESOURCES

Actions Being Performed On This Land

(Check all that apply and locate on attached Timber Harvest Area map -- see information below on maps.)

<p><u>Crossings / Clearing</u></p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Temporary stream/drainage crossing <input type="checkbox"/> Temporary wetlands crossing <input type="checkbox"/> Removal of trees in wetlands <input type="checkbox"/> Removal of trees in upland review area 	<p><u>Erosion and Sedimentation Control Measures:</u></p> <ul style="list-style-type: none"> <input checked="" type="checkbox"/> Installation of water bars <input type="checkbox"/> Grading <input checked="" type="checkbox"/> Seeding <input type="checkbox"/> Other (describe below)
<p><u>Log landing area:</u></p> <ul style="list-style-type: none"> <input type="checkbox"/> anti-tracking pad <input type="checkbox"/> curb cut 	<p><u>Roads</u></p> <p>Are new roads, other than skid trails, to be constructed for transport of logs or other activities associated with this harvest?</p> <p>Yes <input type="checkbox"/> No <input checked="" type="checkbox"/></p>

Describe in further detail as necessary:

The sale has one small stream crossing at the North end which will have very minimal use

The following maps are attached to this "Notification" (Check all that apply)

- Copy of USGS topographic map with property outlined
- Copy of Assessor's map with property outlined
- Timber Harvest Area map showing outline of harvest area, main skid road locations, log landing area, truck access roads, inland wetlands, watercourses and any crossings

The undersigned hereby swear that the information contained in this application is true, accurate and complete to the best of my (our) knowledge and belief and that the timber harvest will be conducted in accordance with the specifications outlined in this "Notification of Timber Harvest."

Signature of Landowner(s): JB Date: 2/6/24

Print/Type Name: Jessica Baldwin c/o CT Water Company

Signature of Landowner(s): _____ Date: _____

Print/Type Name: _____

Signature of Certified Forest Practitioner: Lori Lichtenauer Date: 2/1/2024

Print Name: Lori Lichtenauer

Certificate #: 001341 Expiration Date: 6/1/2027

Complete and Submit to:
 - The Municipal Inland Wetlands Agency/ies in which the property is located, and
 - A courtesy copy of this Notification Form should also be sent to The Department of Environmental Protection, Division of Forestry
 79 Elm Street, Hartford, CT, Tel: (860) 424-3630

This is not an official CT DEP form but it has been endorsed for town usage by: CT Farm Bureau Assoc., CT Forest & Park Assoc., CT Professional Timber Producers, Society of American Foresters - CT Chapter, and others.



Snipsic Lake Road

Harvest Map

- Landings
- ◆ Stream Crossing
- Streams
- Shenipsit Lake Skid Trails
- Inland Wetland soil survey
- Shenipsit Stand 4
- 10 ft Contours

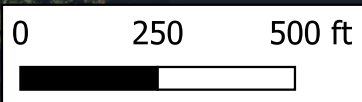
Shenipsit Lake Stand 4 Harvest Map

Snipsic Lake Rd, Ellington, CT

Map Produced by:
ZRM

Produced for:
Connecticut Water
Company
93 W Main St.
Clinton, CT 06413

Map Date:
1/29/2024



**Connwood
Foresters Inc.**



STATE OF CONNECTICUT – COUNTY OF TOLLAND
INCORPORATED 1786

TOWN OF ELLINGTON

55 MAIN STREET – PO BOX 187
ELLINGTON, CONNECTICUT 06029-0187
www.ellington-ct.gov

TEL. (860) 870-3120 TOWN PLANNER'S OFFICE FAX (860) 870-3122

INLAND WETLANDS AGENCY REGULAR MEETING MINUTES MONDAY, JANUARY 22, 2024, 7:00 P.M.

IN PERSON ATTENDANCE: TOWN HALL ANNEX, 57 MAIN STREET
REMOTE ATTENDANCE: ZOOM MEETING
(ATTENDEES BELOW WERE IN PERSON UNLESS OTHERWISE NOTED)

PRESENT: Chairman Jean Burns, Regular members Ken Braga, Steve Hoffman, Ron Brown, Houcine Baouche (Zoom) and Alternate Ryan Orszulak

ABSENT: Vice Chairman Katherine Heminway and Alternate Jon Kaczmarek

STAFF

PRESENT: John Colonese, Assistant Town Planner/Wetland Enforcement Officer and Barbra Galovich, Land Use Assistant/Recording Clerk

I. CALL TO ORDER: Chairman Jean Burns called the Ellington Inland Wetlands Agency meeting to order at 7:00 pm.

In Memoriam Arthur Aube

Art passed away in late December. Art was a dedicated member of the Inland Wetlands Agency. As a member, Art provided consistent, engaged, and pertinent guidance that helped balance development with the responsibility of protecting environmentally sensitive areas. He was always fair and respectful and took the responsibilities of his position very seriously. The Wetlands Agency is deeply saddened by his passing. He will be missed.

II. PUBLIC COMMENTS (on non-agenda items): None

III. PUBLIC HEARINGS:

1. IW202320 – Town of Ellington, owner/applicant, request for a permit to conduct regulated activity to construct a sidewalk and associated improvements along Route 83 (West Road) from the Vernon town line to Main Street.

Time: 7:02 pm

Seated: Burns, Braga, Hoffman, Brown, Baouche and Orszulak

James Ussery, JR Russo & Associates, One Shoham Road, East Windsor, was present to represent the application on behalf of the Ellington Public Works Department.

James Ussery stated there are a few areas where we are working within regulated areas and in most cases a water course, John Colonese, Wetlands Agent and Dana Steele, Town Engineer, put together an application for six or seven areas that they've identified are within a regulated area. Dana Steele provided a memo explaining each area of concern. James noted 212 and 216

West Road. which is the Kloter Farms location at the traffic light heading south on Route 83. The Marsh Brook crosses underneath the road and the sidewalk is on the west side of the road and no easement required. The Department of Transportation didn't like the location because they may not be able to access underneath to maintain it. Dana Steele decided to move it further down and give us enough room and it will require an easement from Kloter's. This is an actual pedestrian bridge. And if you're familiar with the bridge that down in front of the distant living that was put up. This is the same bridge, nowhere near as long, this one substantially shorter, but it's the same manufacturer and it must be accessible. Marsh Brook in that area is a perennial water course flow. There is some soil and erosion controls that will be in place when these footings are put in and a crane will be lifted and set right on top of it. They intend on working right over the top. From the culvert itself, where we originally wanted to put the lock within the right of way and, and there's going to be an easement required to put it in that location. So that's the first area.

James Ussery explained the project is being funded through a grant. This is all funded. This ties into the walk that comes up Main Street on the South side, and it ends there. Jay showed the location of 193 West Road. This is the estate of Gardner Chapman, the property owner. The location is Johnny Appleseeds Farm stand parking lot. Just to the north of that, there's a culvert that goes underneath Route 83 and every time we get a heavy rain, it backs up and all the debris comes out onto the road, it flows down the gutter, and it goes into the catch basin down by the 1st entrance into an intermittent water course. It's basically a drainage farm ditch that extends all the way up the side of the field and eventually picks up storm water from Sunset Road. Then cuts through it when we get heavy rain it all comes down through that ditch and gets to this culvert and goes under the road and goes over the road. The Department of Transportation again was very concerned about this. Again, we are next an area where it is an intermittent watercourse. It's regulated by this Commission. A catch basin will be going to be in place during construction, but it requires a permit as our sidewalk is between that culvert and the edge of the road as it goes. A culvert cross right there. As you come south, over the bridge and then you've got the driveway, and we cross right there at Mountain Road. James mentioned the installation of the traffic signal and pedestrian crossing buttons were installed around 6-8 months ago, they were working on this whole section.

James Ussery explained the sidewalk crosses again at Ellington Agway, and there is an existing sidewalk in front of the juice plant, and Scotties Daycare. The sidewalk continues on the left side all the way down to the town line. James noted the areas of discussion are in a regulated area with the walk, so they require a permit. James noted they are not touching the pipe, and not touching the water course, but are right next to it.

James Ussery shared down the road a little further to Lee's Auto, 171 West Road, who are going to have move their sign upon installation of the sidewalks along the property. There are some steep banks right there and a lot of grading work will need to be conducted. The sidewalks must be ADA compliant. James noted they have a maximum 2% cross slope. The first one here is the one that's most difficult right at the corner. We're going to put in a new driveway off Mountain Road and tie it back in and eliminate one right next to the corner because there's no way you could do.

It's almost impossible and there's some specs. With the emergency vehicles for gradient 13° or so there could be. I think there is there could be these are probably way too steep for that already, and the part we're changing is up close to the current to create that little bit of a flat area to be ADA compliant. James noted work will be done right at the detention basin at the northwest corner of Lee's Auto property. There is an outlet structure for one of the detent basins, and then just a little further north, there is another one of these drainage ditches, aka farm ditches, that runs all the way up the hill. They are intending on installing a little bridge there.

James Ussery continued to explain 135 West Road is another detention basin outlet where the

new Starbucks is being constructed, there is a three-inch ditch that's on the north side of Starbucks, again it comes down the property line between what's now the Plaza property and Roger Moser's property. There is a detention basin and the basin that's essentially in front of McDonald's. That basin outlets to the north, the ditch comes down and they're all tied together there. There's another culvert under the road and it goes out of west, and it dumps out along the property line. At the base of the retaining wall that goes around, that's on the far end of that Plaza, the Verizon store, and the drive through lane that goes back around to the to the window, there's the pipe that comes out just from that. Retaining wall comes back across and ties into this. Our sidewalk is between this and the roadway again, so we're not in the wetland, we're not in the water course, but we're in an area that would be regulated based on the location, right next to the road. There is a culvert inlet that comes in where a manhole will be located. The sidewalk comes across the corner and the manhole before it ties together with that pipe and shoots across over to the West side of Route 83. So again, we would be within 100 feet working in the regulated area of the detention basin that comes down the property line on the north side there.

James Ussery explained the work to be conducted at 133 West Road. There's a white house just before Casey's Restaurant. The property is owned by Isabel Helenski. There's a long linear basin that kind of goes up, that property line that picks up all the drainage on that side of the Big Y Plaza. It comes down that property line. The end wall and the rip rap that collects all that water from the basin and again goes under Route 83 and this is the one that dumps out into the ditch. The sidewalk right in front of that's already there. They built that when the car wash. Originally, they finished that piece in front of the Big Y property, but we're rebuilding the driveway apron then the new sidewalk picks up and runs south from there.

John Colonese noted they may be within 100 feet of the wetland at 115 West Road, but it's really the pond. And there's a little wetland back in here. I'll put on the wetlands layer. It's not 100%. All wetlands flagging. And then as you head further south, you can see where it peels away here with some mapping. And then there's really no wetlands. This is just a floodplain. This has all been historically filled along 83 there's been some mapping of wetlands to the rear of these properties in the 80s. Joh noted there's some wetlands over at 4 West Road in the back.

MOVED (BRAGA) SECONDED (HOFFMAN) AND PASSED UNANIMOUSLY TO MAKE A DETERMINATION OF A SIGNIFICANT ACTIVITY FOR IW202320.

MOVED (BRAGA) SECONDED (ORSZULAK) AND PASSED UNANIMOUSLY TO CLOSE THE PUBLIC HEARING FOR IW202320 – Town of Ellington, owner/applicant, request for a permit to conduct regulated activity to construct a sidewalk and associated improvements along Route 83 (West Road) from the Vernon town line to Main Street.

MOVED (HOFFMAN) SECONDED (BRAGA) AND PASSED UNANIMOUSLY TO APPROVE WITH CONDITION(S) FOR IW202320 – Town of Ellington, owner/applicant, request for a permit to conduct regulated activity to construct a sidewalk and associated improvements along Route 83 (West Road) from the Vernon town line to Main Street. **FINDING THAT THERE IS NO FEASIBLE AND PRUDENT ALTERNATIVE TO THE PROPOSED SIDEWALK CONSTRUCTION AND ASSOCIATED IMPROVEMENTS WHERE IT WILL IMPACT WETLANDS AND WATERCOURSES.**

Condition(s):

- 1. Erosion control measures shall be installed then inspected by the wetlands agent prior to activity and remain operational until the site is stabilized.**
- 2. Any additional erosion control measures found to be necessary during construction by the wetlands agent or town engineer shall be allowed.**

IV. OLD BUSINESS: None

V. NEW BUSINESS:

1. S202401 - Tymac Holdings LLC, owner/ Craig Webb, applicant, request for positive referral to the Planning & Zoning Commission on a re-subdivision to convey and combine property APN 023-001-0000 with 12 Garnet Lane, APN 023-001-0015, pursuant to Conn. Gen. Stat. 8-26(e).

John Colonese noted there is no activity proposed with this free subdivision application. The applicant is proposing to merge the detention basin property into 12 Garnett Lane so that it's all one piece of property. There will be an easement to the town to access and maintain the basin, but due to the statutory requirements for a resubdivision, the Inland Wetland Agency must review the resubdivision plan and make a referral to the Planning and Zoning Commission. This is simply due to statutory requirements. All the owner is asking to do is remove the property line between his property 12 Garnet Lane and the basin parcel, so his house has been constructed at 12 Garnet Lane and the basins have been constructed. Originally, the basin was to transfer to the town, but he would like to take ownership of the underlying parcel and have an easement. The Town Attorney, the Public Works Director and the Town Engineer are OK with this. They don't see any conflicts, so it's more of just a statutory referral and the Owner is looking for a positive referral.

MOVED (BRAGA) SECONDED (HOFFMAN) AND PASSED UNANIMOUSLY TO GRANT A POSITIVE REFERRAL TO THE PLANNING & ZONING COMMISSION PURSUANT TO CONN. GEN. STAT. 8-26(e) FOR S202401 - Tymac Holdings LLC, owner/ Craig Webb, applicant, request for positive referral to the Planning & Zoning Commission on a re-subdivision to convey and combine property APN 023-001-0000 with 12 Garnet Lane, APN 023-001-0015.

2. IW202401 – Kaz & Bogumila Podbielski, owner/applicant, request for permit to construct a single-family home, driveway, pipe culvert and associated improvements at 266 Crystal Lake Road, APN 083-018-0000.

BY CONSENSUS, THE AGENCY RECEIVED AND SCHEDULED A PUBLIC HEARING ON FEBRUARY 12, 2024, 7PM, TOWN HALL ANNEX, 57 MAIN STREET, ELLINGTON, AND ZOOM VIDEO CONFERENCING FOR IW202401 – Kaz & Bogumila Podbielski, owner/applicant, request for permit to construct a single-family home, driveway, pipe culvert and associated improvements at 266 Crystal Lake Road, APN 083-018-0000.

3. IW202402 - Town of Ellington, owner/ Ad Hoc Ellington Trails Committee, applicant, request for acceptance to install a 36-foot bridge and extend 500 feet of trail as nonregulated uses on an open space parcel on Windermere Avenue, APN 017-023-0000.

BY CONSENSUS, THE AGENCY RECEIVED AND ADDED TO THE FEBRUARY 12, 2024, MEETING AGENDA UNDER NEW BUSINESS IW202402 – Town of Ellington, owner/ Ad Hoc Ellington Trails Committee, applicant, request for acceptance to install a 36-foot bridge and extend 500 feet of trail as nonregulated uses on an open space parcel on Windermere Avenue, APN 017-023-0000.

VI. ADMINISTRATIVE BUSINESS:

1. Approval of the December 11, 2023, Regular Meeting Minutes.

MOVED (BRAGA) SECONDED (BROWN) AND PASSED UNANIMOUSLY TO APPROVE DECEMBER 11, 2023, REGULAR MEETING MINUTES AS WRITTEN.

2. Correspondence/Discussion:
 - a. Connecticut Association of Wetland Scientists (CAWS) Annual Meeting.

VII. ADJOURNMENT:

MOVED (BRAGA) SECONDED (BROWN) AND PASSED UNANIMOUSLY TO ADJOURN THE JANUARY 22, 2024, REGULAR MEETING OF THE INLAND WETLANDS AGENCY AT 7:48 PM.

Respectfully submitted,

Barbra Galovich, Recording Clerk