

**BOLTON INLAND WETLANDS COMMISSION
REGULAR MEETING, JANUARY 25, 2022, 7:00 P.M.
MOTIONS & MINUTES
VIRTUAL**

Lally called the meeting to order at 7:00 p.m.

		Present	Absent
Regular Member	Jane Darico		X
Chairman	Ross Lally	X	
Regular Member	Andrew Gordon	X	
Vice Chairman	James Loersch	X	
Regular Member	open		
Alternate Member	Dave Lynn	X	
Alternate Member	open		
Staff	Barbara Kelly	X	

Lynn was seated. .

1. Approval of Agenda

Motion: The Bolton Inland Wetlands Commission approves the agenda as presented.

By: Gordon

Seconded: Loersch

Voting:

For: Lally, Gordon, Loersch, Lynn

Against: None

Abstain: None

2. Old Business

None

3. New Business

A. Jurisdictional Ruling for Timber Harvest – William Anderson – 77 French Road

Staff submitted the following comments:

Dear Commissioners,

I will not be present at the IWC meeting on 1/25/22. I walked the site of the proposed 27 acre timber harvest with Mr. Anderson on Friday 1/21/22 and have the following observations and comments.

- Mr. Anderson will be conducting the harvest himself over a period of time as site conditions allow, as both to fulfill demand for products and firewood needs.
- The harvest will remove diseased/infested trees while some commercial value can be salvaged and to remove hazards.
- Work will be done in frozen or dry conditions.
- A small stream runs north to south near the western property line. The proposed crossing is located at the stream's narrowest point, which is also a point where banks are the highest and most stable. Logs from the site will be used to create a temporary bridge and to protect wetland soils.
- Portions of the haul road currently exist. Newer portions have been laid out to avoid crossing wet areas and to provide a more gradual track up the hillside. As needed, any rutted portions of the road will be graded and seeded.
- This harvest will be done on a portion of Mr. Anderson's residential property complex and is well below the threshold for a commercial harvest.
- None of the proposed work that appears to involve an activity that would not be permitted as of right - filling, non-essential roads, etc.

Under Section 4 of our regulations, the Commission will need to:

- Determine if this is an agricultural use
- Rule if the activity/use is permitted as of right or non-regulated

Take care,
BK
Barbara Kelly, Agent
Inland Wetlands Commission
Town of Bolton
860.649.8066, x6113

Bill Anderson was present. He walked the property and explained the plan with Staff. He went over the crossing design with the DEEP forester for his region. This is his property and he has an interest not to make a mess of the area.

Loersch: Has the applicant done this activity before? Anderson: Yes, he did apply for a permit previously. He had 35 acres at the time; he purchased an additional 25 acres recently. Some timber is dying due to disease.

Motion: I make the motion that the Bolton Inland Wetland Commission finds this proposed activity agricultural as-of-right under Section 4 of the regulations.

By: Loersch

Seconded: Gordon

Voting:

For: Gordon, Lally, Loersch, Lynn

Against: None

Abstain: None

4. Public Comment:

No one was present to speak.

5. Approval of Minutes

A. October 26, 2021 Regular meeting

Motion: The Bolton Inland Wetlands Commission approves the minutes of the October 26, 2021, regular meeting as presented.

By: Loersch

Seconded: Gordon

Voting:

For: Lally, Gordon, Loersch, Lynn

Against: None

Abstain: None

6. Wetlands Agent Report

Staff submitted the following report:

January 2022 Wetland Agent’s Report

Bolton Lake

Consulted with the Chair about the need for the homeowner at 57 Vernon Road to come before the IWC to install a temporary dock that does not impact the lakeshore. I let her know that she didn’t have to, but that she did need to contact the DEEP based on input obtained from DEEP’s Navigation & Boating Infrastructure Unit.

- Placement of docks and the like on DEEP owned waterbodies require permission from the DEEP’s Land Acquisition & Management Division. That is because we own the bottoms of these waterbodies unless specifically noted otherwise in a person’s deed. You should contact Nicole Lugli, the Director.
- Nevertheless, with regards to navigation, any structure must be placed reasonably and take up no more room than necessary. For example, there is no need for a 40 foot dock to dock one 20 foot boat. The same goes for swim floats. No need for a float in 25 feet of water – when 10 feet is safe for diving off it. These structure must be placed as close to shore as practicable. Also, docks or floats must not extend over the littoral boundary – which we define as the extension of the property line or a line perpendicular from shoreline – whichever is less.

A property owner along Boston Turnpike was advised that she does need to come before the IWC to reconstruct/repair a concrete wall along Bolton Lake (new footings, etc.)

Beavers

Beavers are causing a safety issue on Skinner Road, just east of Shoddy Mill Road. The beavers have created a dam on Burnap Brook. The beaver pond surface is only inches below the road surface and is also backing up a culvert. The landowner plans to address the beaver. Lance, Bolton’s Highway Foreman, wants to address the immediate threat to the road by removing some of the dam to lower the water level. He would access the dam with a rubber tracked vehicle and would slowly, carefully, remove enough to lower the water level without causing a big erosive scour. The dam is fairly recent and there is no large accumulation of sediment. He has permission from the landowner. In consultation with the Chair, we agreed that this is a safety issue and that remediation should proceed. The work will not alter the stream bank or channel.

Activity near wetlands

Followed up with a new Clark Road homeowner. The property abuts the Bolton Land Trust property at the corner of Clark and Camp Meeting. What appeared to be potential wetland filling is a pile of soil to level wet puddles in the front yard. No more material will be delivered. The branches are from around the homeowner’s property and she is being careful not to come near the yellow decals marking the BLT property

Cut brush is piled near the stream by 24 Clark Road. I left a message and will monitor and follow up as needed.

DOT work

DOT has been working on State Project #76-223, Rehabilitation of Bridge Nos. 06884 & 06885, I-384 over Porter Brook near the Manchester/Bolton town line. To address non-compliance on environmental protections a “Restoration & Supplemental Planting Plan Approval with Conditions” was recently issued.

Other

- Reviewed plans for Bolton Veterinary Hospital at 233 Boston Turnpike.
- Inspected E&S installation at 129 Boston Turnpike.
- Attempting to make contact with 11 Goodwin about pipe piled near the stream.
- Walked the site proposed forestry activity at 77 French Road. Notes submitted separately.

Loersch: Re: the property on Bolton Lake - what work is being there that they do not have to come before the Commission? Lally: She wants to put in a floating dock. There is to be no work on the shore. The State owns and regulates the lakebed where the float will be anchored. Loersch: Re: Removal of the beaver dam – what type of rubber tracked vehicle will be used? Lally: He went out to view the dam and determined it was a safety issue. He does not know the specific vehicle.

Questions for Staff: What is Bolton Vet Hospital doing? How is the DOT work progressing? What is happening with M & M Oil?

7. Other

Lally: Online training is available. He hopes the Members sign up for the courses. He will retake the courses because it has been a while and they have not offered courses in some time.

Gordon: A person expressed concern about the property for sale on Hebron Road going into the woods. Are there any wetlands back there? Lally: Suggested Gordon write a note to Staff on behalf of the person to get an answer. If there are wetlands any proposed work will have to come before the IWC.

8. Adjournment

Motion: The Bolton Inland Wetlands Commission moves to adjourn the meeting at 7:27 p.m.

By: Lally

Seconded: Loersch

Respectfully submitted,

Yvonne B. Filip
Yvonne B. Filip
Commission Clerk

PLEASE SEE THE MINUTES OF SUBSEQUENT MEETINGS FOR THE APPROVAL OF THESE MINUTES AND ANY CORRECTIONS HERETO.



TH-22-2

Timber Harvest

Status: Active

Date Created: Feb 7, 2022

Applicant

Gwen Marrion
gmarrion@snet.net
38 Maple Valley Road
Bolton, Connecticut 06043
8606439302

Location

0 BRANDY ST
BOLTON, CT 06043

Owner:

Bolton Land Trust
38 MAPLE VALLEY RD Bolton, Connecticut 06043

List All Parcels

Parcel ID / MBL
PID 788 MBLU 18/50

Notification of Timber Harvest

Total Acreage of Property(s)

80

Total Acreage of Harvest Area

4

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

Licensed Professional

This timber harvest has been prepared by a State of Connecticut certified:

Forester

Forest Practitioner Certificate #

F113

Name

Joan Nichols

Address

140 Brush Hill Road

Email

nicholsforestry@comcast.net

Phone No (Business)

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Phone No (Cell)

860-917-5190

Timber Harvest Details

Property Boundaries: Bounds are Marked?

Yes

Timber Harvest Boundaries: Have been marked or flagged?

Yes

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?"

No

Estimated Starting Date of Timber Harvesting Operations

10/01/2022

Description of Timber Harvest:

Objective

The objective is to create young successional forest for wildlife habitat improvement. Young successional forest describes the first 20 or so years of a forest's life beginning when an area is cleared until the trees regrow and form a dense canopy. This open habitat brings in many types of wildlife that use it for hunting, mating and nesting. Only about 6% of CT's forest land is early successional forest according to the CT DEEP, which encourages landowners to create areas like the one proposed by the Bolton Land Trust. This not a revenue-producing harvest for the land trust. Marketable timber on the property is low and any that is harvested will be taken by the harvester.

Treatment

About 4 acres will be cleared. Most of the trees to be removed are saplings or poletimber, not valuable for revenue or for growing stock. Trees to be left are the large crowned oaks, hickory and beech for mast, aspen for seed and snags and cavity trees for wildlife. About 10-12 trees per acre will remain. One brush pile per acre will be built to create shelter for wildlife.

Amount of forest products to be harvested:

Board Feet

0

Cords

0

Cubic Feet

0

Tons

0

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)

Red

Soil, Water, and Inland Wetland Resources

Crossings/Clearing

Temporary wetland crossing

Removal of tress in upland review area

Grading

Other (describe below)

Curb Cut

Are new roads, other than skid trails, to be constructed for transport of logs or other activities associated with this harvest?

No

Describe in further detail as necessary

The access road to the property was improved in November, 2021 in accordance with a road design created by the NRCS and permitted by the Bolton Inland Wetlands Commission on 9/28/21. The road work was done to allow access to the property in order to do the young successional forest cut. The road work and cut are funded by the USDA and NRCS under an EQIP grant. All work is monitored and inspected by the NRCS and contractors hired by the land trust are experienced with NRCS standards and expectations. The stream crossing will be temporary. Four, two-foot wide timber mats will be used (two side by side, one on each bank) and removed upon completion of the project. The skid trail will be graded and seeded according to NRCS standards. No cutting will be done in the wetland but cutting will take place within the upland reivew area.

Affidavit

I have read and understand the below statement.

Electronic Signature [Typed Name of Applicant]

Gwen E. Marrison

Temporary stream/drainage crossing

Removal of trees in wetlands

Erosion and Sedimentation Control Measure

Installation of water bars

Seeding

Log Landing Area

Anti-Tracking Pad

Roads

Attachments




 Map - for IWC Feb 2022 2.pdf
Uploaded by Gwen Marrison on Feb 7, 2022 at 3:51 pm

 Map - for IWC Feb 2022.pdf
Uploaded by Gwen Marrison on Feb 7, 2022 at 3:51 pm

History

Date	Activity
Feb 3, 2022 at 2:58 pm	Gwen Marrion started a draft of Record TH-22-2
Feb 7, 2022 at 3:54 pm	Gwen Marrion submitted Record TH-22-2
Feb 7, 2022 at 3:54 pm	approval step Application Review was assigned to Barbara Kelly on Record TH-22-2
Feb 18, 2022 at 9:21 am	Danielle Palazzini assigned approval step Application Review to Danielle Palazzini on Record TH-22-2
Feb 18, 2022 at 9:21 am	Danielle Palazzini approved approval step Application Review on Record TH-22-2
Feb 18, 2022 at 9:21 am	approval step Inland Wetlands Approvals was assigned to Barbara Kelly on Record TH-22-2

Timeline

Label	Status	Activated	Completed	Assignee	Due Date
 Application Review	Complete	Feb 7, 2022 at 3:54 pm	Feb 18, 2022 at 9:21 am	Danielle Palazzini	-
 Inland Wetlands Approvals	Active	Feb 18, 2022 at 9:21 am	-	Barbara Kelly	-
 Permit Issuances	Inactive	-	-	-	-



IW-22-1

Inland Wetlands

Status: Active

Date Created: Feb 17, 2022

Applicant

Martin Georges
marty.georges@comcast.net
19 Shoddy Mill Road
Bolton, CT 06043
860-977-8734

Location

19 SHODDY MILL RD
BOLTON, CT 06043

Owner:

Martin and Eleanor Georges
19 SHODDY MILL RD BOLTON, CT 06043

Internal Use

Conditions

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Petition Received?

--

Date Received

--

Date of Newspaper Publication of Inland/Wetlands Commission Action

--

Summary of Inland/Wetlands Commission Action

--

Bond Required?

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Additional Applicant Info

Applicant Type

Owner

Permit Info

Type of Application

New Application

Permit For

Administrative Wetlands

Occupancy Type Residential Improvements (additional, shed, pool, etc) **Lots** 1

Work Description

Erect 1-1/2 Story Barn, including excavation for concrete foundation, and trenching for electrical service and cold water line from existing house

Development Title

19 Shoddy Mill Barn

Comments

--

Distance from Inland Wetlands and Watercourses: **Proposed Distance** 19

Requested Distance

19

Wetland / Watercourses Project Information

Size of Subject Property (acres)

1.35

Total area of wetlands to be affected by the activity (acres)

0

Open water body altered (acres)

0

Stream alternation (linear feet)

0

Buffer/upland area altered (acres)

0.03

Area of wetlands/watercourses restored, enhanced, or created (acres)

0

Described how the proposed activity affects wetlands, watercourses, and the regulated areas.

None

Described measures that will be taken to minimize the impact on wetlands, watercourses, and the regulated areas.

Hay bales will be used around the perimeter of the construction site to control runoff of silt to the wetlands. No gutters or downspouts planned for barn roof. Rainwater runoff from barn roof dripline managed by surrounding woodland ground cover. Disturbed soil will be restored promptly and covered with natural materials (e.g. wood mulch / bark) upon completion of foundation, electrical, and plumbing work.

Is there a Conservation or Preservation Restriction on the Property?

No

Is this an activity associated with a use for which you intend to apply to the Planning & Zoning Commission?

Yes

Please read and check the following statements. By checking these boxes, you agree to abide by the statutes and ordinances of the Town of Bolton and the State of Connecticut.

I understand that the Commission may require additional information at any time during the review of the application as described in Section 7.6 of the Inland Wetlands and Watercourses Regulations.



The Applicant must ensure that this application is complete and conforms with the Inland Wetlands and Watercourses Regulations (available at the Land Use Office for \$10.00). Ten (10) copies of supporting documents must be provided. The Commission encourages the applicant to discuss any project with the Town Staff and/or the Commission before submitting an application. The Commission requests that applications be submitted at least one week before the meeting.



The Agency shall monitor all Bolton wetland and watercourses and have enforcement powers as described in Section 14 of the Inland Wetlands and Watercourses Regulations. The Commission Members and designed agent(s) may make regular inspections upon reasonable notice of all regulated activities to investigate possible violations of the Inland Wetlands and Watercourses Regulations.



If this application is filed with the Inland Wetlands Agent under Section 12.1 of the Inland Wetlands and Watercourses Regulations, the Applicant may appeal the Agent's decision according to the process described in section 12.2 of the Inland Wetlands and Watercourses Regulations.



Attorney Info

Name	Address
--	--
City	State
--	--
Zip	Phone
--	--
Email	
--	

Engineer Information

Company Name	Engineer Name
--	--
Address	City
--	--

State

--

Zip

--

Phone

--

Registration #

--

Insurance Expiration

--

AOR

--

Email

--

Contractors

Name

Country Carpenters

Address

326 Gilead St

City

Hebron

State

CT

Zip

06248

Phone No

860-228-2276

Email

--

DBA

--

Mobile Phone No

--

Name

JC Concrete LLC

Address

PO Box 231

City

Columbia

State

CT

Zip

06237

Phone No

860-432-0501

Email

jcconcretellc@gmail.com

DBA

--

Mobile Phone No

860-299-6930

Additional Project Info

Date of Receipt

--

Hearings Commencement Deadline

--

Hearings Completion Deadline

--

Decision Deadline

--




Total Acreage

0.03

Distance to Town Line

> 500 ft




Extended**Hearing Not Required****Attachments**

-  19 SHODDY MILL.ABUTTERS.pdf
Uploaded by Danielle Palazzini on Feb 18, 2022 at 9:20 am
-  Plot Plan - 19 Shoddy Mill Bolton with Barn.02172022.pdf
Uploaded by Martin Georges on Feb 17, 2022 at 9:13 pm
-  Plot Plan Enlarged - 19 Shoddy Mill Bolton.02172022.pdf
Uploaded by Martin Georges on Feb 17, 2022 at 9:15 pm

History

Date	Activity
Feb 14, 2022 at 9:02 pm	Martin Georges started a draft of Record IW-22-1
Feb 14, 2022 at 9:31 pm	Martin Georges added attachment Site Plan Enlarged (2-6-2022).pdf to Record IW-22-1
Feb 17, 2022 at 9:13 pm	Martin Georges removed attachment Site Plan Enlarged (2-6-2022).pdf from Record IW-22-1
Feb 17, 2022 at 9:15 pm	Martin Georges added attachment Plot Plan Enlarged - 19 Shoddy Mill Bolton.02172022.pdf to Record IW-22-1
Feb 17, 2022 at 9:20 pm	Martin Georges submitted Record IW-22-1
Feb 17, 2022 at 9:22 pm	completed payment step Permit Fee on Record IW-22-1
Feb 17, 2022 at 9:22 pm	approval step Application Review was assigned to Barbara Kelly on Record IW-22-1
Feb 18, 2022 at 8:47 am	Danielle Palazzini assigned approval step Application Review to Danielle Palazzini on Record IW-22-1
Feb 18, 2022 at 9:56 am	Danielle Palazzini approved approval step Application Review on Record IW-22-1
Feb 18, 2022 at 9:56 am	approval step Inland Wetlands was assigned to Barbara Kelly on Record IW-22-1
Feb 22, 2022 at 9:21 am	Danielle Palazzini changed Total area of wetlands to be affected by the activity (acres) from "0.03" to "0.00" on Record IW-22-1

Timeline

Label	Status	Activated	Completed	Assignee	Due Date
 Permit Fee	Paid	Feb 17, 2022 at 9:20 pm	Feb 17, 2022 at 9:22 pm	-	-
 Application Review	Complete	Feb 17, 2022 at 9:22 pm	Feb 18, 2022 at 9:56 am	Danielle Palazzini	-
 Inland Wetlands	Active	Feb 18, 2022 at 9:56 am	-	Barbara Kelly	-

Label	Status	Activated	Completed	Assignee	Due Date
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Issue Permit

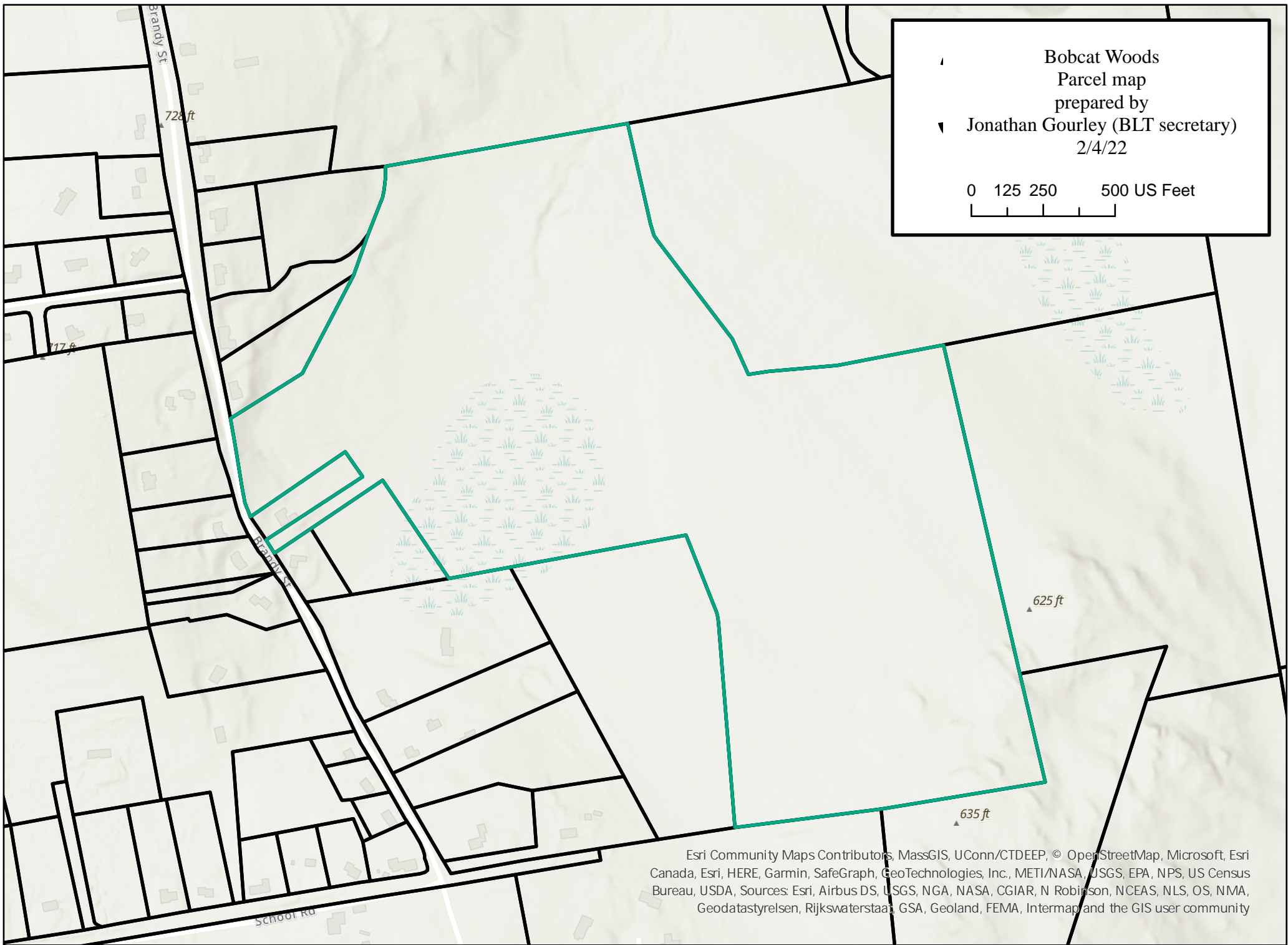
Inactive

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-

-

-

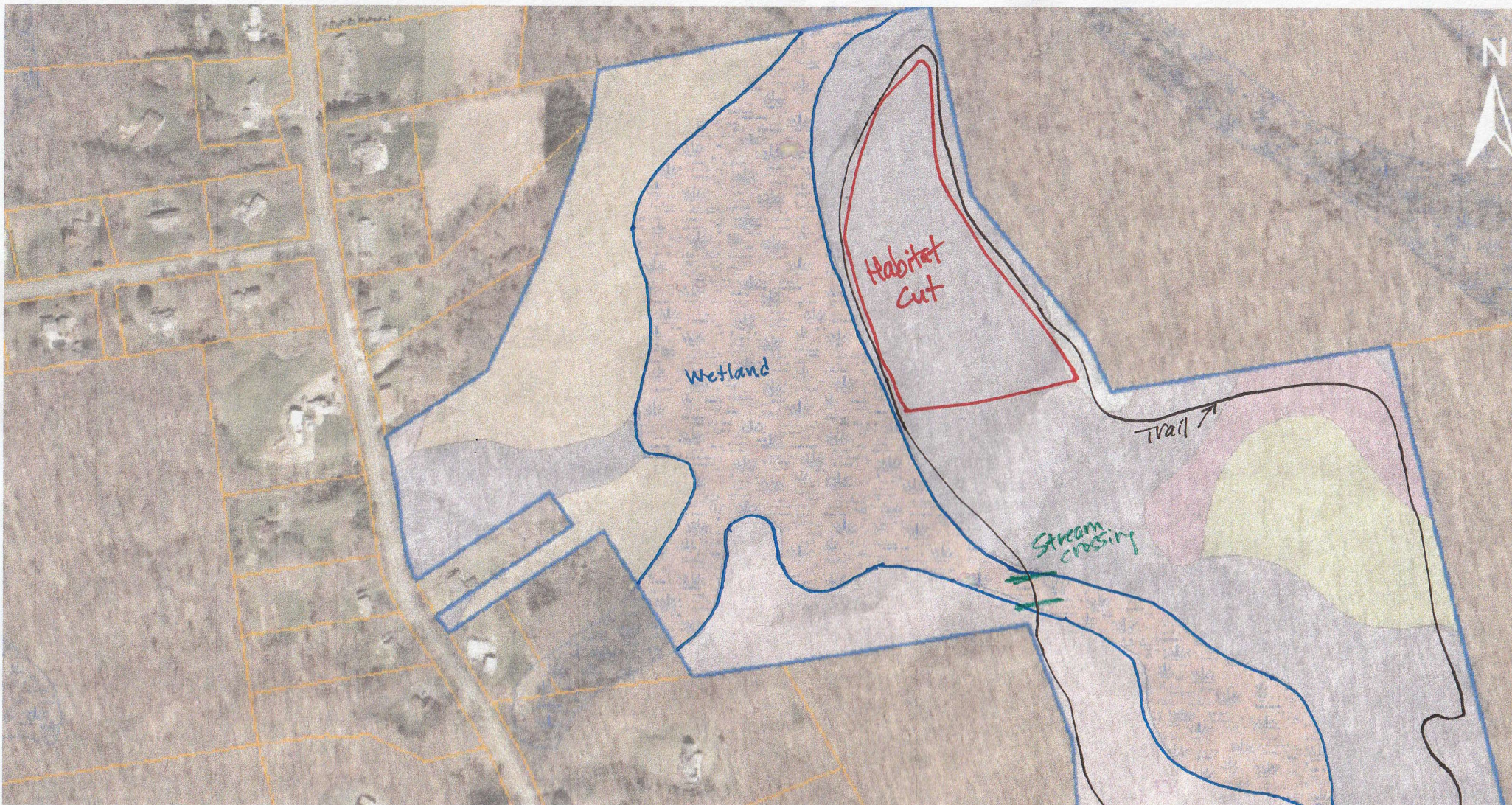



Bobcat Woods
Parcel map

prepared by
Jonathan Gourley (BLT secretary)
2/4/22

0 125 250 500 US Feet

Esri Community Maps Contributors, MassGIS, UConn/CTDEEP, © OpenStreetMap, Microsoft, Esri Canada, Esri, HERE, Garmin, SafeGraph, GeoTechnologies, Inc., METI/NASA, USGS, EPA, NPS, US Census Bureau, USDA, Sources: Esri, Airbus DS, USGS, NGA, NASA, CGIAR, N Robinson, NCEAS, NLS, OS, NMA, Geodatastyrelsen, Rijkswaterstaat, GSA, Geoland, FEMA, Intermap and the GIS user community



 Inland Wetland Soils

AUSYM, MUNAME

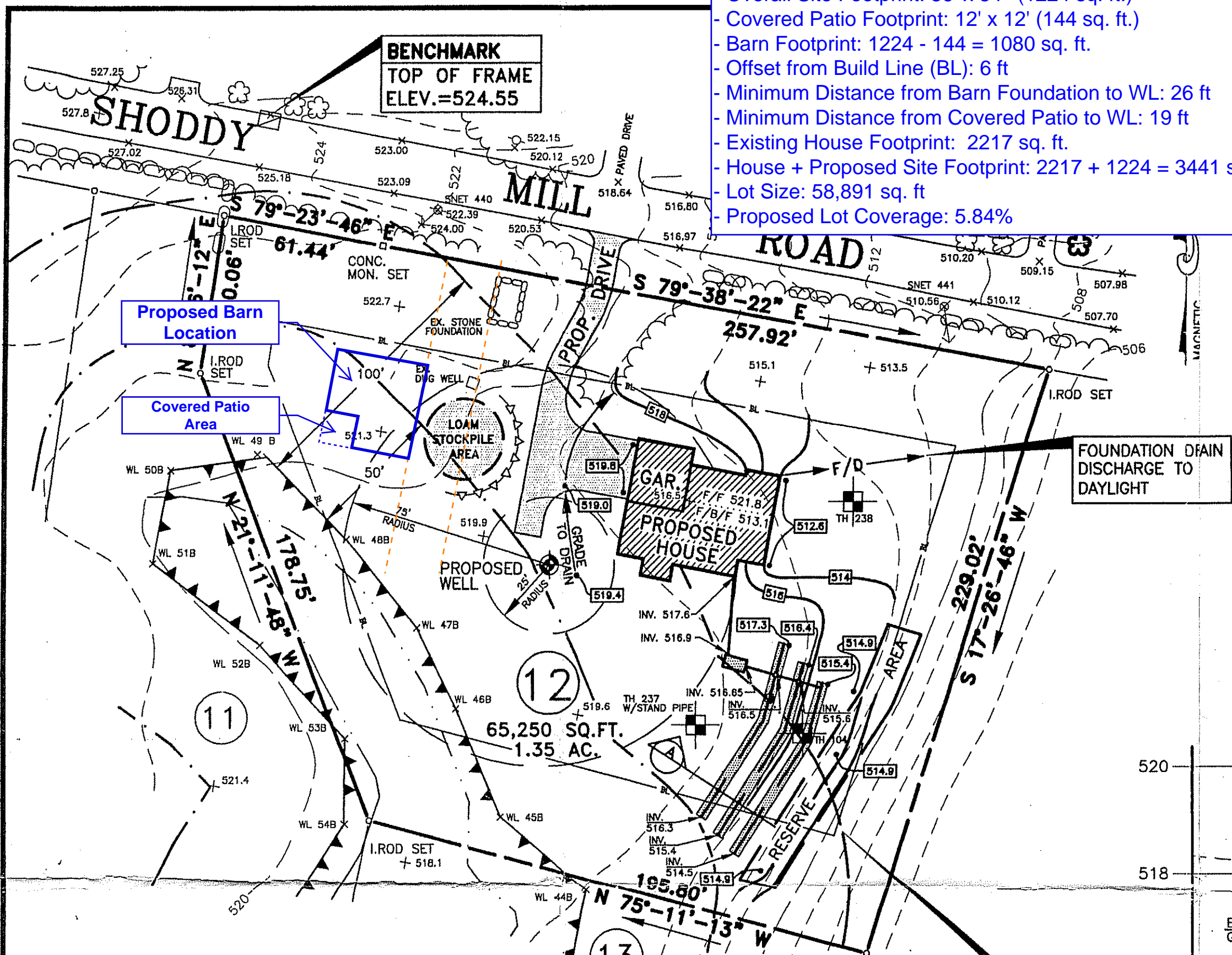
- 3_Ridgebury, Leicester, and Whitman soils, extremely stony
- 46B_Woodbridge fine sandy loam, 2 to 8 percent slopes, very stony
- 61C_Canton and Charlton soils, 8 to 15 percent slopes, very stony
- 73C_Charlton-Chatfield complex, 3 to 15 percent slopes, very rocky
- 73E_Charlton-Chatfield complex, 15 to 45 percent slopes, very rocky
- 75C_Hollis-Chatfield-Rock outcrop complex, 3 to 15 percent slopes
- 75E_Hollis-Chatfield-Rock outcrop complex, 15 to 45 percent slopes
- 85C_Paxton and Montauk fine sandy loams, 8 to 15 percent slopes, very stony

1 in = 400 ft

19 Shoddy Mill Rd

Leading Particulars & Calculations

- Overall Site Footprint: 36' x 34' (1224 sq. ft.)
- Covered Patio Footprint: 12' x 12' (144 sq. ft.)
- Barn Footprint: 1224 - 144 = 1080 sq. ft.
- Offset from Build Line (BL): 6 ft
- Minimum Distance from Barn Foundation to WL: 26 ft
- Minimum Distance from Covered Patio to WL: 19 ft
- Existing House Footprint: 2217 sq. ft.
- House + Proposed Site Footprint: 2217 + 1224 = 3441 sq. ft.
- Lot Size: 58,891 sq. ft.
- Proposed Lot Coverage: 5.84%



SEPTIC SYSTEM CRITERIA:

NUMBER OF BEDROOMS: FOUR
 SIZE OF SEPTIC TANK: 1250 GALLON
 PERCOLATION RATE: 1 - 10 MIN/INCH
 LEACHING AREA REQUIRED: 660 SQ. FT.
 LEACHING AREA PROVIDED: 3 - 48" WIDE TRENCHES x 74 L.F. x 3 SQ. FT./L.F. = 666 SQ. FT.

MINIMUM LEACHING SYSTEM SPREAD *

SLOPE = 12%; RESTRICTIVE LAYER AT 36"
 M.L.S.S. = (H.F.) x (F.F.) x (P.F.) = (20) x (2.0) x (1.2) = 48 L.F.

* SEE CONNECTICUT PUBLIC HEALTH CODE, APPENDIX A

TESTHOLE DATA

TEST HOLES OBSERVED BY MICHAEL DILAJ, P. E. ON SEPTEMBER 11, 1997.

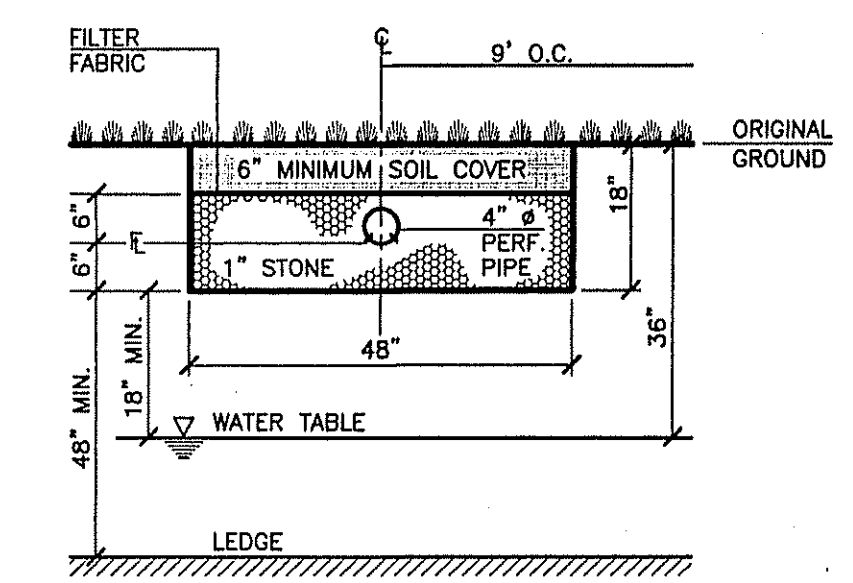
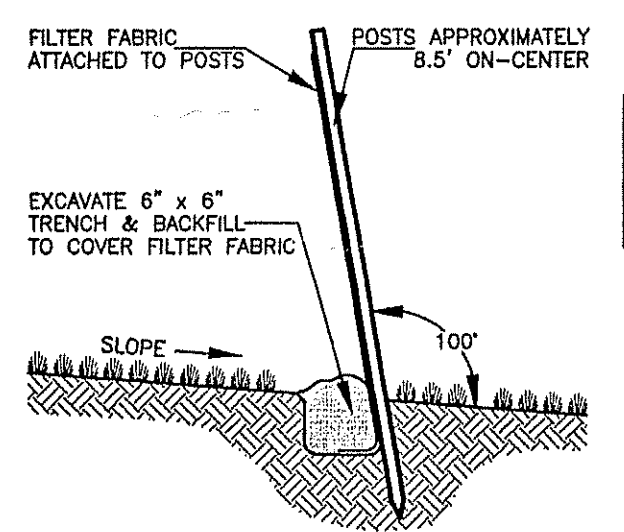
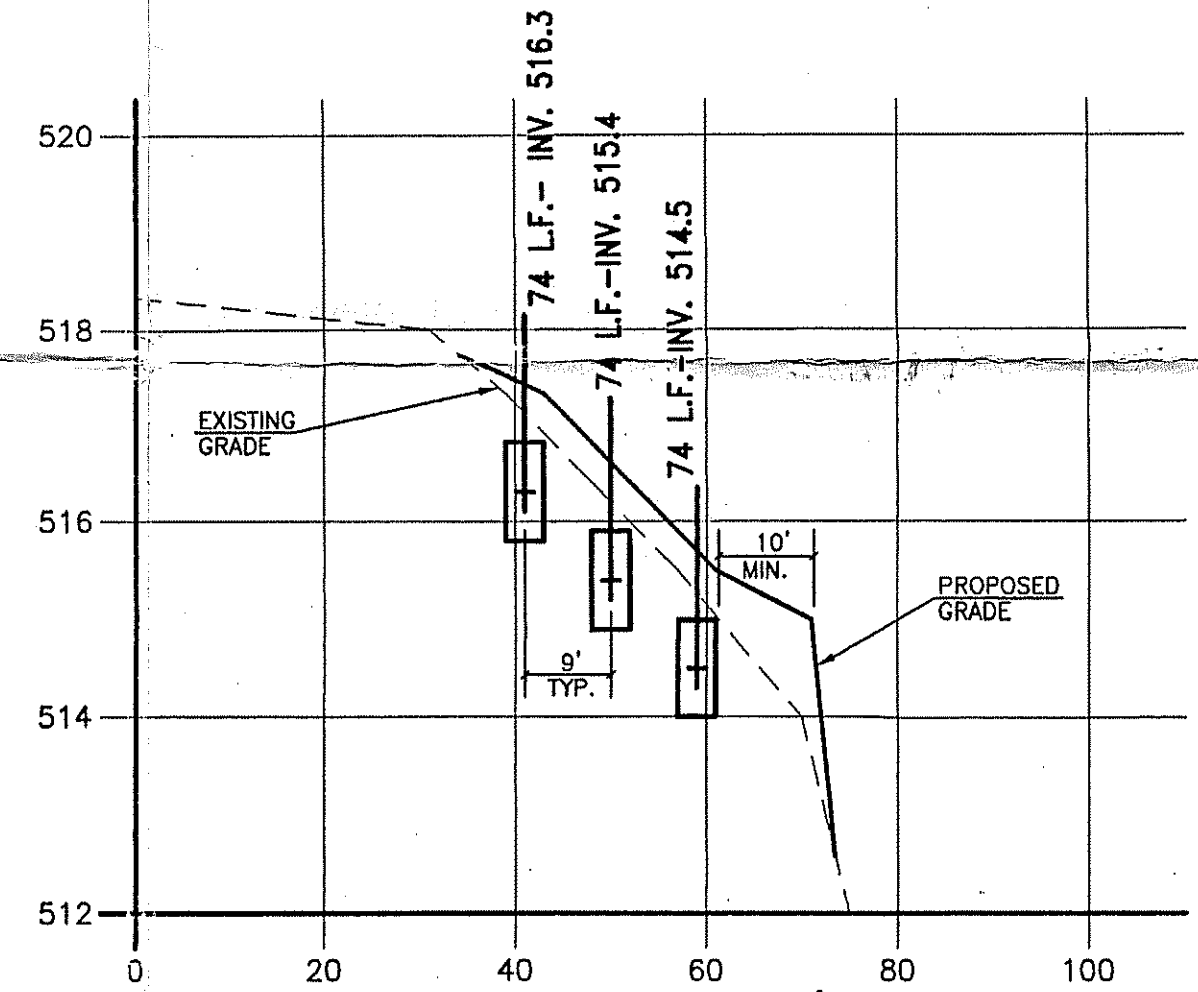
TEST HOLE 104
 0" - 8" TOPSOIL
 8" - 20" TAN SANDY LOAM
 20" - 38" MODERATELY COMPACT SANDY TILL
 38" - 84" COMPACT SANDY TILL
 NO WATER; NO LEDGE; MOTTLING AT 36"

TEST HOLES OBSERVED BY MICHAEL DILAJ, P. E. AND LISA BRADLEY, SANITARIAN ON APRIL 2, 1998.

TEST HOLE 237
 0" - 9" TOPSOIL
 9" - 23" ORANGE BROWN FINE SANDY LOAM; FRIABLE
 23" - 39" FIRM RED BROWN FINE-MEDIUM SAND
 39" - 78" VERY FIRM SANDY TILL
 ROOTS AT 21"; NO LEDGE; NO MOTTLING; SEEPAGE AT 67"; WATER AT 67"

TEST HOLE 238
 0" - 9" TOPSOIL
 9" - 30" ORANGE BROWN FINE SANDY LOAM; FRIABLE
 30" - 97" VERY FIRM SANDY TILL
 ROOTS AT 24"; NO LEDGE; MOTTLING AT 24"; SEEPS AT 31"

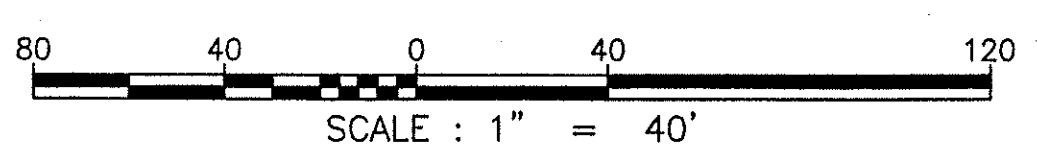
- NOTES:**
- SEPTIC TANK SHALL BE A 1250 GALLON, TWO COMPARTMENT TANK. IT SHALL BE PROPERLY BAFFLED AT THE INLET AND OUTLET AND SHALL BE WATERTIGHT, JOINTS SEALED WITH ASPHALT CEMENT OR EQUAL.
 - THE PIPE BETWEEN BUILDING AND SEPTIC TANK SHALL BE A 4" EXTRA HEAVY CAST IRON, DUCTILE IRON, OR EXTRA STRENGTH PVC PRESSURE PIPE WITH RUBBER COMPRESSION GASKET JOINTS (AWWA C-900). PIPE SHALL HAVE A MIN. PITCH OF 1/4 INCH PER FOOT.
 - SOLID DISTRIBUTION PIPE AFTER SEPTIC TANK SHALL BE 4" PVC MEETING ASTM D2729 OR EQUAL
 - BOTTOM OF ALL TRENCHES SHALL BE LEVEL THROUGHOUT.
 - ALL TOPSOIL IN THE AREA OF THE PROPOSED SYSTEM SHALL BE STRIPPED BEFORE FILLING.
 - STRIPPED AREA MUST BE INSPECTED BY THE SANITARIAN PRIOR TO FILLING. FILL MUST BE PLACED ON STRIPPED AREA THE SAME DAY AREA IS PREPARED.
 - SANITARIAN SHALL INSPECT FILL PLACEMENT.
 - FILL MATERIAL SHALL BE "SELECT FILL" COMPRISED OF CLEAN SAND AND GRAVEL FREE FROM ORGANIC MATTER AND DELETERIOUS SUBSTANCES AND COMPACTED IN SIX (6) INCH LAYERS. THE FILL MATERIAL SHOULD NOT CONTAIN ANY MATERIAL LARGER THAN THREE (3) INCHES. A SIEVE ANALYSIS MUST DEMONSTRATE THAT THE MATERIAL MEETS EACH OF THE FOLLOWING SPECIFICATIONS:
- | | SIEVE SIZE | EFFECTIVE PARTICLE SIZE | % THAT MUST PASS SIEVE |
|-----------------|------------|-------------------------|------------------------|
| COARSE SAND | #4-#10 | ±4.75 MM - 2.0 MM | #4 100% |
| MEDIUM SAND | #10-#40 | ±2.0 MM - 0.425 MM | #10 0% - 100% |
| FINE SANDS | #40-#100 | ±0.425 MM - 0.15 MM | #40 0% - 50% |
| VERY FINE SANDS | #100-#200 | ±0.15 MM - 0.075 MM | #100 0% - 20% |
| SILTS & CLAYS | #200 | < 0.075 MM | #200 0% - 5% |
- ALL SYSTEMS REQUIRE PROTECTION FROM SURFACE WATER FLOW.
 - ALL DISTRIBUTION BOXES SHALL BE PLACED ON A 6 INCH COMPACTED GRAVEL BASE TO PREVENT HEAVING AND SETTILING.
 - INLETS AND OUTLETS OF THE SEPTIC TANK AND DISTRIBUTION BOXES SHALL BE SEALED WITH A POLYETHYLENE GASKET, "POLYOK" OR EQUAL.
 - OPEN ENDS OF PERFORATED PIPE IN TRENCHES SHALL BE PLUGGED OR CAPPED.
 - BOTTOM OF TRENCHES TO BE NO LOWER THAN 12" INTO EXISTING GROUND.
 - NO PARKING, DRIVING OVER, STOCKPILING OR OTHER ACTIVITY IN THE SEPTIC AREA THAT WOULD COMPACT OR DISTURB THE SOIL.
 - LEACHING TRENCHES, WITH INVERT ELEVATIONS SHOWN, SHALL BE FIELD STAKED BY THE DESIGN ENGINEER. ENGINEER SHALL SET A PERMANENT BENCH MARK IN THE IMMEDIATE VICINITY OF THE PROPOSED LEACHING SYSTEM AT THIS TIME.
 - CONTRACTOR SHALL CHECK AND VERIFY BENCH MARK PRIOR TO INSTALLATION OF SEPTIC SYSTEM.
 - THE WORK SHALL INCLUDE THE FURNISHING OF ALL LABOR, MATERIAL, EQUIPMENT AND OTHER INCIDENTALS. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO MAKE THE ENGINEER AND/OR OWNER AWARE OF ANY ERRORS OR OMISSIONS FROM THE PLAN PRIOR TO EXECUTION OF WORK.
 - NO WORK TO BE STARTED ON SEPTIC SYSTEM PRIOR TO NOTIFICATION OF SANITARIAN.
 - A PERCOLATION TEST IN THE FILL MATERIAL IS REQUIRED. EXCAVATE TO 12" AND PRE-SOAK 1 HOUR PRIOR TO APPOINTED TIME. PERCOLATION TEST SHOULD BE READY AT TIME SANITARIAN INSPECTS FILL PLACEMENT.
 - ALL SYSTEMS MUST BE MULCHED AND SEEDDED IMMEDIATELY AFTER COMPLETION.



TRENCH CROSS SECTION
NOT TO SCALE

REFERENCE MADE TO THE FOLLOWING MAP:

"SUBDIVISION PLAN BAKER BROOK HEBRON ROAD & SHODDY MILL ROAD BOLTON, CONNECTICUT 06043 OWNER & SUBDIVIDER BAKER BROOK, LLC 132 CONANTVILLE ROAD MANSFIELD CENTER, CONNECTICUT 06250 DATE: OCTOBER 21, 1998 SCALE: 1" = 40' REVISED: NOVEMBER 13, 1998 (PER PZC APPROVAL) SHEET 4 OF 5" PREPARED BY DATUM ENGINEERING & SURVEYING, LLC



THIS SURVEY AND MAP HAS BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300b-1 THRU 20-300b-20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES - "MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ENDORSED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. IT IS AN IMPROVEMENT LOCATION MAP BASED ON A DEPENDENT RESURVEY CONFORMING TO HORIZONTAL ACCURACY CLASS "A-2" AND TOPOGRAPHIC ACCURACY CLASS "T-3". THIS SURVEY AND MAP IS INTENDED TO ENABLE DETERMINATION OF COMPLIANCE OR NON-COMPLIANCE WITH APPLICABLE MUNICIPAL OR STATUTORY REQUIREMENTS.

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

MICHAEL DILAJ, P.E. U.S. #9502

ANY ORIGINAL OR DUPLICATE OF THIS MAP IS NOT VALID UNLESS IT BEARS THE EMBOSSED SEAL OF THE SURVEYOR WHOSE REGISTRATION NUMBER AND SIGNATURE APPEAR ABOVE. NO OTHER CERTIFICATION OR WARRANTY IS EXPRESSED OR IMPLIED.

SUBSURFACE SEWAGE DISPOSAL DESIGN

PREPARED FOR

LAWRENCE F. FIANO

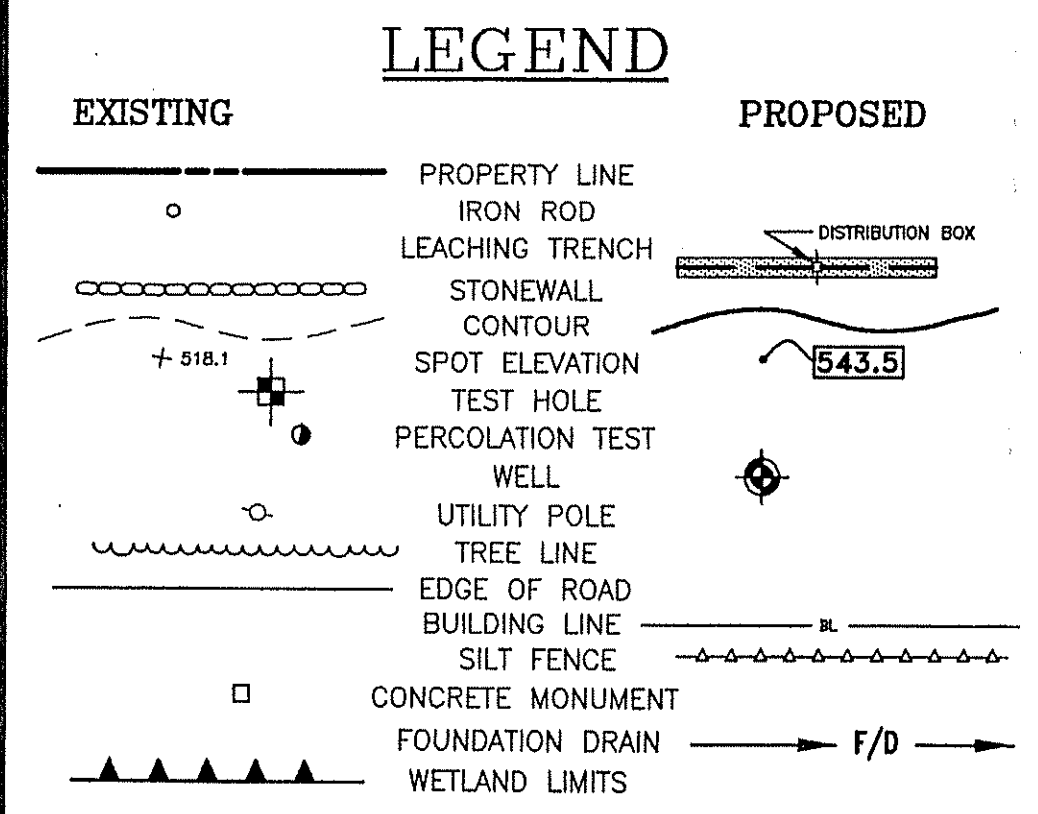
- LOT 12 -
 SHODDY MILL ROAD
 BOLTON, CONNECTICUT

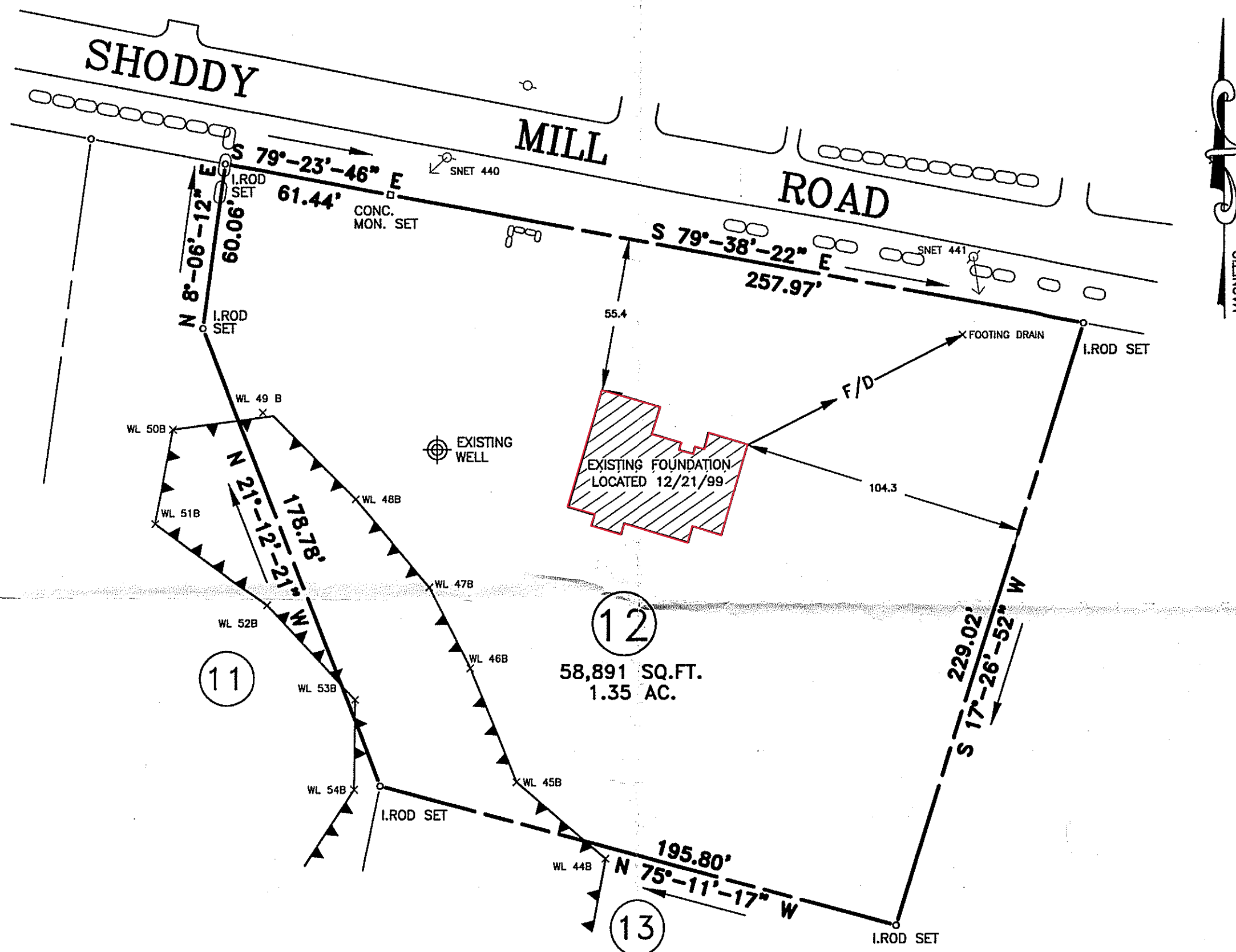
DATE: OCTOBER 18, 1999 SCALE: 1" = 40'

DATUM ENGINEERING & SURVEYING, LLC

132 CONANTVILLE ROAD
 MANSFIELD CENTER, CT 06250
 TEL (860)456-1357 FAX (860)456-1840
 JOB NO. 99-10-03

CHECKED BY: _____ CORRECTIONS BY: _____





RECEIVED
MAR 3 0 2000
TOWN OF BOLTON
LAND USE DEPARTMENT

AS-BUILT PLAN
PREPARED FOR

LAWRENCE F. FIANO

- LOT 12 -
19 SHODDY MILL ROAD
BOLTON, CONNECTICUT

DATE : DECEMBER 24, 1999 SCALE : 1" = 40'
REVISED MARCH 27, 2000 (WELL LOCATION)

DATUM

ENGINEERING & SURVEYING, LLC

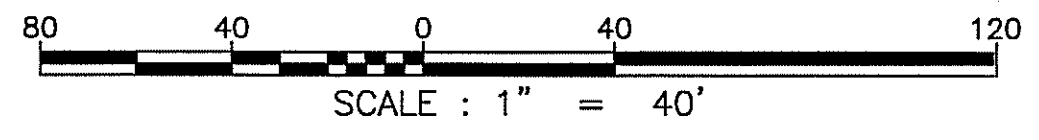
132 CONANTVILLE ROAD
MANSFIELD CENTER, CT 06250
TEL (860)456-1357 FAX (860)456-1840

JOB NO. 99-10-03

CHECKED BY: _____ CORRECTIONS BY: _____

LEGEND

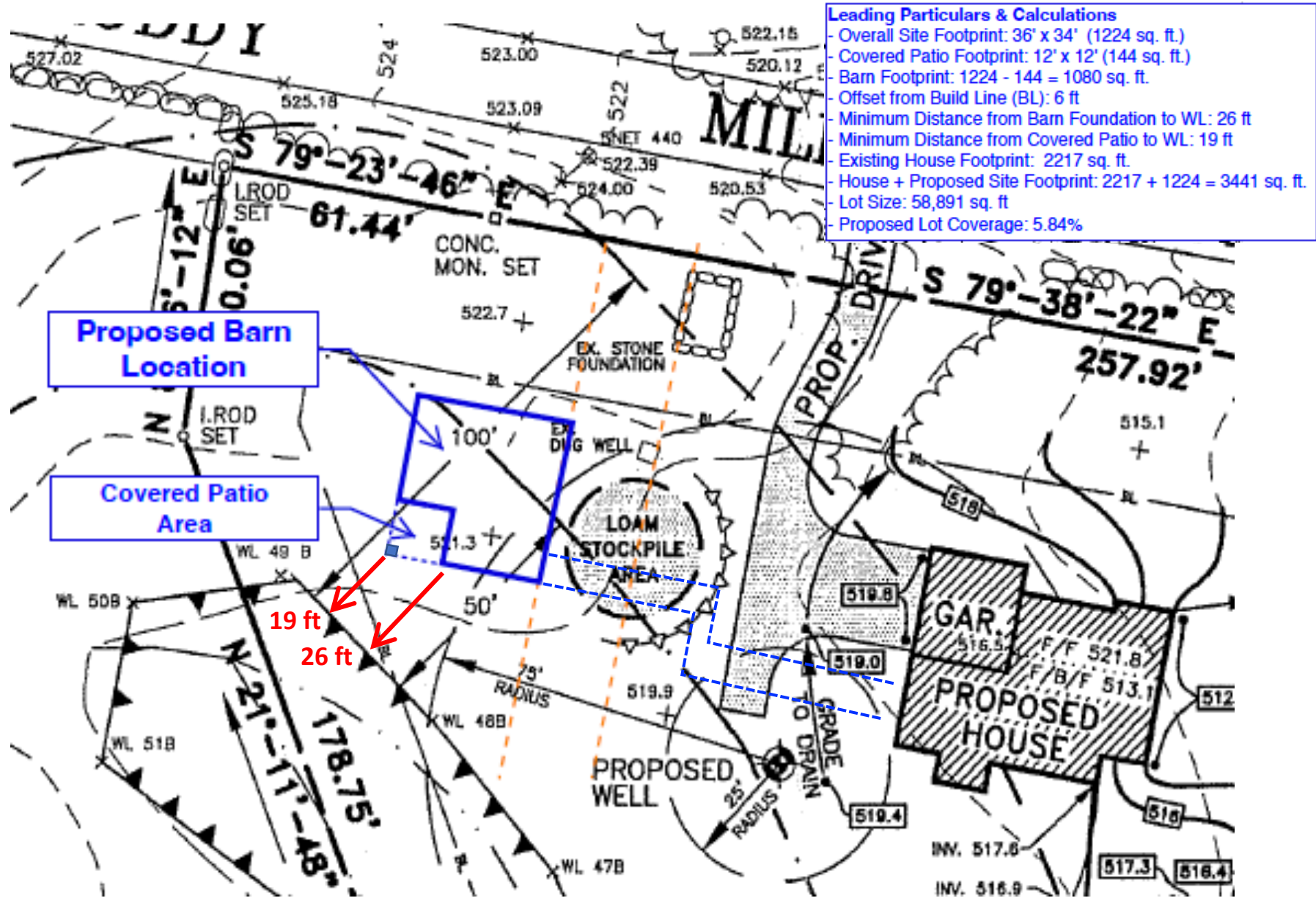
- — — — — PROPERTY LINE
- IRON ROD
- — — — — STONEWALL
- ⊕ TEST HOLE
- PERCOLATION TEST
- UTILITY POLE
- — — — — EDGE OF ROAD
- CONCRETE MONUMENT
- F/D FOUNDATION DRAIN
- ▲▲▲▲ WETLAND LIMITS



REFERENCE MADE TO THE FOLLOWING MAP:
*CORRECTED SUBDIVISION PLAN BAKER BROOK HEBRON ROAD & SHODDY MILL ROAD BOLTON, CONNECTICUT 06043 OWNER & SUBDIVIDER BAKER BROOK, LLC 132 CONANTVILLE ROAD MANSFIELD CENTER, CONNECTICUT 06250 DATE: OCTOBER 21, 1998 SCALE: 1" = 40'
REVISED: NOVEMBER 13, 1998 (PER PZC APPROVAL) SHEET 4 OF 5
REVISED: DECEMBER 16, 1999* PREPARED BY DATUM ENGINEERING & SURVEYING, LLC

THIS SURVEY AND MAP HAS BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300b-1 THRU 20-300b-20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES - "MINIMUM STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ENDORSED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. IT IS AN IMPROVEMENT LOCATION MAP BASED ON A DEPENDENT RESURVEY CONFORMING TO HORIZONTAL ACCURACY CLASS "A-2". THIS SURVEY AND MAP IS INTENDED TO ENABLE DETERMINATION OF COMPLIANCE OR NON-COMPLIANCE WITH APPLICABLE MUNICIPAL OR STATUTORY REQUIREMENTS WITH RESPECT TO LOCATION OF EXISTING FOUNDATION.

TO THE BEST OF MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.
Michael Dilaw
MICHAEL DILAW, P.E., L.S. #9502
ANY ORIGINAL OR DUPLICATE OF THIS MAP IS NOT VALID UNLESS IT BEARS THE EMBOSSED SEAL OF THE SURVEYOR WHOSE REGISTRATION NUMBER AND SIGNATURE APPEAR ABOVE. NO OTHER CERTIFICATION OR WARRANTY IS EXPRESSED OR IMPLIED.



Provisioning for two trenches from existing house to proposed barn for:

- 1) Underground water cold water line, and
- 2) Electrical conduit

ABUTTERS

WOZNIAK, JAMES
15 SHODDY MILL RD
BOLTON, CT 06043

RONKEY, ALISON
23 SHODDY MILL RD
BOLTON, CT 06043

INLAND WETLANDS COMMISSION

In legislation, the State of Connecticut recognizes that inland wetlands and watercourses are an indispensable and irreplaceable but fragile natural resource with which the citizens of the state have been endowed. In the Town of Bolton, the authority and responsibility to protect that resource belongs to the Inland Wetlands Commission.

The Inland Wetlands Commission is a vibrant group of very concerned residents that volunteers to protect and preserve Bolton's inland wetlands and watercourses. The Commission meets monthly to review applications and make decisions about activities proposed within 100 feet of a wetland or watercourse. Residents who served on the Inland Wetlands Commission during the 2019-2020 fiscal year were: Ross Lally (Chair), Jim Loersch (Vice Chair), Jane Darico, Andrew Gordon, and David Ostafin. As the year ended, the Commission was missing one regular member. All the members are commended for their time and effort on the Commission.

The Inland Wetlands Commission granted twelve new permits during the fiscal year. Two were issued by the Commission and ten were delegated to the Agent for issuance. The Commission held two preliminary discussions, one about development on an industrial site and one about a dual-use solar/agricultural project. Three jurisdictional rulings were issued, allowing conservation (beaver dam removal), agricultural, and timber storage to proceed without permits. Three violations and a reported concern about erosion on State property required attention and follow-up. Matters were resolved, except for one very serious violation which required legal intervention.

By agreement with the North Central Conservation District, Barbara Kelly continued to serve as Bolton's Inland Wetlands Agent. Under state law, inland wetlands commissions may delegate the approval of applications to an agent when the proposed activities are not located in the wetlands or watercourses and are deemed to have little chance of having an adverse impact on wetlands. This year the Commission streamlined the application process for ten residents by delegating their applications to Ms. Kelly.

Relying on virtual training, Commission members remained current on the applicable legislation, research regarding management of wetlands, and related issues such as storm water management and soil identification. The Commission continues to seek another volunteer to make a difference in service to Bolton's residents and businesses and the protection of its wetlands and watercourses.