

**BOLTON INLAND WETLANDS COMMISSION
REGULAR MEETING, MARCH 225, 2022, 7:00 P.M.
MOTIONS & MINUTES
VIRTUAL**

Lally called the meeting to order at 7:02 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 for Darico.

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. Public Comment

No one was present to speak.

3. Old Business

A. IWC #2022-1 – Martin Georges – 19 Shoddy Mill Road – Construct a 1 & ½ story barn, including excavation for concrete foundation, and trenching for electrical service and cold water line from existing house.

Martin Georges was present. He was back with the updates the IWC asked for. The drawings and site plan were shared with the Commission. The barn was moved slightly from the previous location. It was moved 15’ - 20’ west from the loam

stock pile to preserve some trees on the property. The existing foundation was shown. The proposed barn is 16.4' from the boundary with the wetlands. The silt fence perimeter was shown. Georges will connect to the existing driveway to access the barn. He will tee off the existing water line to bring water to the barn. Electricity will be trenched from the generator area near the house.

Lally: Thanked Georges for the details that are being provided tonight.

Loersch: Will the barn be on footings or slab-on-grade? Georges: the proposed barn will be on a foundation below the frost line. The covered patio and driveway will be gravel with a base underneath.

Staff: The slight shift in location of the barn while meeting the zoning setbacks places the barn near the top of the wetlands instead of at the side. This is a relatively flat area and retaining trees for soil stability where possible is a good thing. The proposed location of the silt fence and stock pile makes sense.

Gordon: He likes leaving the trees where they are.

Lally: Trees along the area of the wetlands provides filtering, cooling, and aesthetics.

Motion: I make the motion that the Bolton Inland Wetland Commission approve application IWC #2022-1 – Martin Georges – 19 Shoddy Mill Road – Construct a 1 & ½ story barn, including excavation for concrete foundation, and trenching for electrical service and cold water line from existing house.

By: Gordon

Seconded: Lynn

With conditions:

- The project is done in accordance with the plans presented.
- The erosion and sedimentation controls shall be installed and maintained per the *2002 Connecticut Guidelines for Soil Erosion and Sediment Controls*.

Voting:

For: Gordon, Lally, Loersch, Lynn

Against: None

Abstain: None

4. New Business

None

5. Approval of Minutes

A. February 22, 2022 Regular Meeting

Motion: The Bolton Inland Wetlands Commission approves the minutes of the February 22, 2022, Regular Meeting as presented.

By: Gordon

Seconded: Lynn

Voting:

For: Lally, Gordon, Loersch, Lynn

Against: None

Abstain: None

6. Wetlands Agent Report

Staff reported:

- Has been working on routine matters.
- She has been out for CO inspections at the trailer park near 3 J's and at 90 Brandy Street.
- She will be working with other town staff on the temporary seeding of soil so bark soil is not left once the foundation and walls are constructed. 90 Brandy Street needs a lawn bond because of the open soil left. This is to be a 4-lot subdivision. This matter does not directly impact wetlands but there is the potential for erosion impact.

7. Other

Gordon: Noticed the huge property off Hebron Road has been sold. Staff: Yes, it was sold and staff is addressing some questions about the property - there is no active wetland permit at this time, if the new owner is considering subdivision they will need a current wetland delineation and Patrice Carson has informed them they will need septic systems to the current standards and adhere to current zoning.

8. Adjournment

Motion: The Bolton Inland Wetlands Commission moves to adjourn the meeting at 7:31p.m.

By: Gordon

Seconded: Lynn

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.



WRER-22-1

INLAND WETLANDS REGULATION EXEMPTION REQUEST

Status: Active

Date Created: Apr 8, 2022

Applicant

Matt Kuzmickas
lineman455@gmail.com
93 Volpi Rd
Bolton, CT 06043
860-836-1836

Location

97 VOLPI RD
BOLTON, CT 06043

Owner:

Dianne Kuzmickas
688 Birch Mountain Rd BIRCH MOUNTAIN RD
Manchester, Connecticut 06040

ACTIVITY AREA

Total Acreage of Property(s)

4

Total Acreage of Activity Area

4

Type of Operation or Use

Conservation Work

Description of Proposed Work and/or Activity

Field drainage

Licensed Professional if applicable

Name

Nrcs

Address

--

Email

--

Phone No (Business)

--

Phone No (Cell)

--

Affidavit

I have read and understand the below statement.



Electronic Signature [Typed Name of Applicant]

Attachments



Screenshot_20220408-131519_Adobe Acrobat.jpg

Uploaded by Matt Kuzmickas on Apr 8, 2022 at 1:17 pm




 97-Volpi Road - Full Circle Drainage SITE 1 2 IE 1-6-21 (1).pdf

Uploaded by Barbara Kelly on Apr 12, 2022 at 10:28 am

History

Date	Activity
Apr 8, 2022 at 1:11 pm	Matt Kuzmickas started a draft of Record WRER-22-1
Apr 8, 2022 at 1:15 pm	Matt Kuzmickas added attachment Screenshot_20220408-131519_Adobe Acrobat.jpg to Record WRER-22-1
Apr 8, 2022 at 1:17 pm	Matt Kuzmickas removed attachment Screenshot_20220408-131519_Adobe Acrobat.jpg from Record WRER-22-1
Apr 8, 2022 at 1:18 pm	Matt Kuzmickas altered Record WRER-22-1, changed ownerPhoneNo from "18608361836" to "8607981749"
Apr 8, 2022 at 1:18 pm	Matt Kuzmickas submitted Record WRER-22-1
Apr 8, 2022 at 1:18 pm	approval step Application Review was assigned to Barbara Kelly on Record WRER-22-1
Apr 11, 2022 at 8:44 am	Danielle Palazzini assigned approval step Application Review to Danielle Palazzini on Record WRER-22-1
Apr 11, 2022 at 8:44 am	Danielle Palazzini approved approval step Application Review on Record WRER-22-1
Apr 11, 2022 at 8:44 am	approval step Inland Wetlands Approvals was assigned to Barbara Kelly on Record WRER-22-1
Apr 12, 2022 at 10:28 am	Barbara Kelly added attachment 97-Volpi Road - Full Circle Drainage SITE 1 2 IE 1-6-21 (1).pdf to Record WRER-22-1

Timeline

Label	Status	Activated	Completed	Assignee	Due Date
 Application Review	Complete	Apr 8, 2022 at 1:18 pm	Apr 11, 2022 at 8:44 am	Danielle Palazzini	-
 Inland Wetlands Approvals	Active	Apr 11, 2022 at 8:44 am	-	Barbara Kelly	-
 Permit Issuances	Inactive	-	-	-	-

PROPOSED: (620) UNDERGROUND OUTLET
4" PVC SOLID PIPE WITH A SMALL ANIMAL GUARD
ON EACH OUTLET INVERT
OUTLET LINE C = 80 LF
OUTLET LINE D = 20 LF
OUTLET LINE E = 20 LF
TOTAL THIS FIELD = 120 LF

PROPOSED (468) LINED WATERWAY OUTLETS
OUTLET LINE C ROCK APRON @ 1 CY
OUTLET LINE D ROCK APRON @ 1 CY
OUTLET LINE E ROCK APRON @ 1 CY
TOTAL ROCK VOLUME THIS FIELD = 3 CY

PROPOSED (468) LINED WATERWAY OUTLETS
OUTLET LINE A ROCK APRON @ 1 CY
OUTLET LINE B ROCK APRON @ 1 CY
TOTAL ROCK VOLUME THIS FIELD = 2 CY

PROPOSED: (620) UNDERGROUND OUTLET
6" PVC SOLID PIPE WITH A SMALL ANIMAL GUARD
ON EACH OUTLET INVERT
OUTLET LINE A = 380LF
OUTLET LINE B = 80LF
TOTAL THIS FIELD = 460 LF

PROPOSED : (606) SUBSURFACE DRAIN
4" PERFORATED PIPE & STONE ENVL. 1' x 2'
LINE #5 - 100 LF
LINE #6 - 250 LF
LINE #7 - 150 LF TOTAL THIS FIELD = 500 LF

PROPOSED : (606) SUBSURFACE DRAIN
4" PERFORATED PIPE & STONE ENVL. 1' x 2'
LINE #1 - 250 LF
LINE #2 - 300 LF
LINE #3 - 300 LF
LINE #4 - 75 LF
TOTAL THIS FIELD #11 = 925 LF

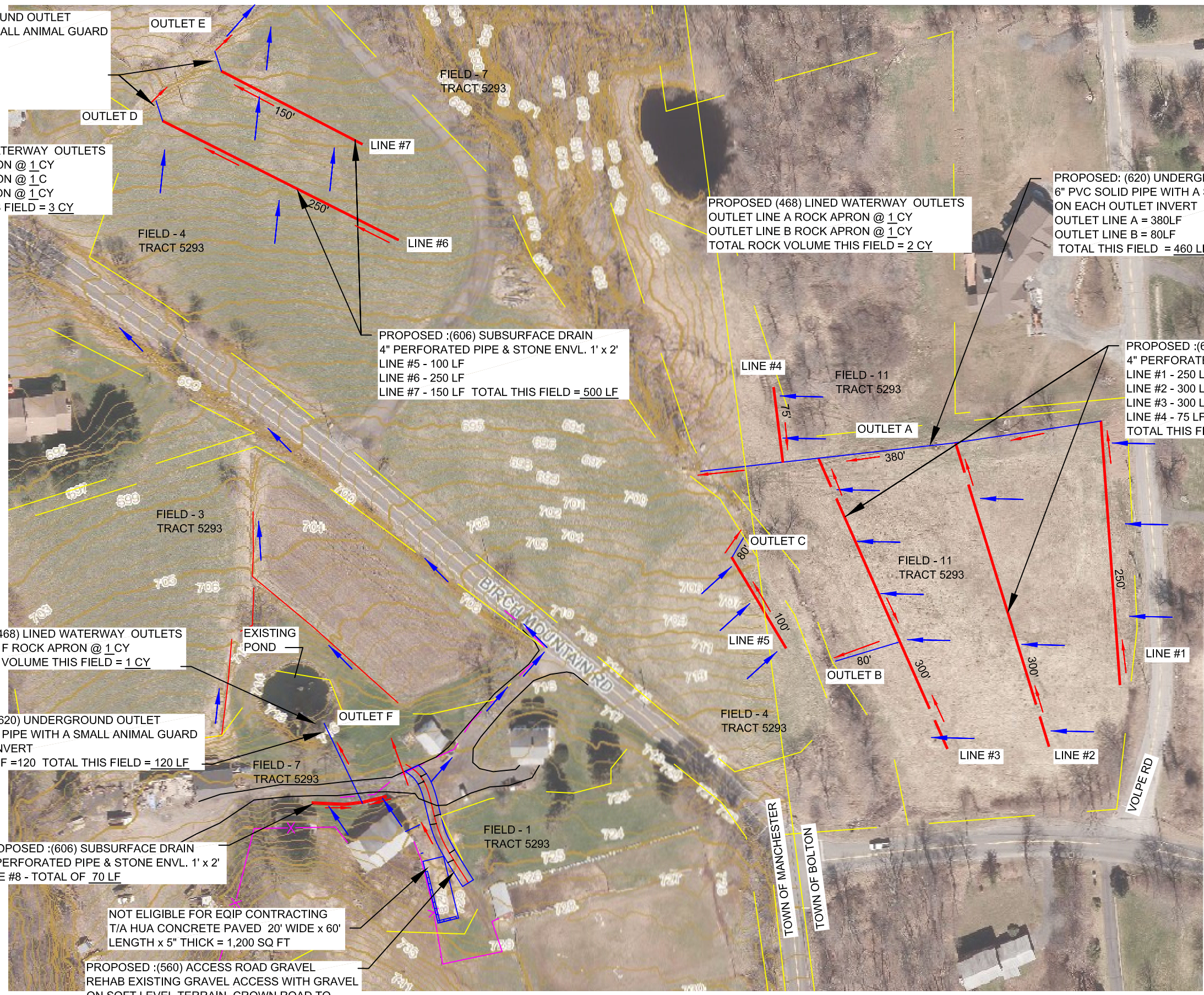
PROPOSED (468) LINED WATERWAY OUTLETS
OUTLET LINE F ROCK APRON @ 1 CY
TOTAL ROCK VOLUME THIS FIELD = 1 CY

PROPOSED: (620) UNDERGROUND OUTLET
4" PVC SOLID PIPE WITH A SMALL ANIMAL GUARD
ON OUTLET INVERT
OUTLET LINE F = 120 TOTAL THIS FIELD = 120 LF

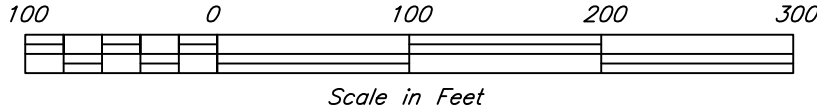
PROPOSED : (606) SUBSURFACE DRAIN
4" PERFORATED PIPE & STONE ENVL. 1' x 2'
LINE #8 - TOTAL OF 70 LF

NOT ELIGIBLE FOR EQIP CONTRACTING
T/A HUA CONCRETE PAVED 20' WIDE x 60'
LENGTH x 5" THICK = 1,200 SQ FT

PROPOSED : (560) ACCESS ROAD GRAVEL
REHAB EXISTING GRAVEL ACCESS WITH GRAVEL
ON SOFT LEVEL TERRAIN. CROWN ROAD TO
DIVERT RUNOFF INTO GRASS FIELD 120 LF



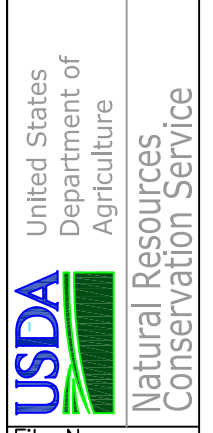
FIELD DRAINAGE SITE 1 PLAN VIEW



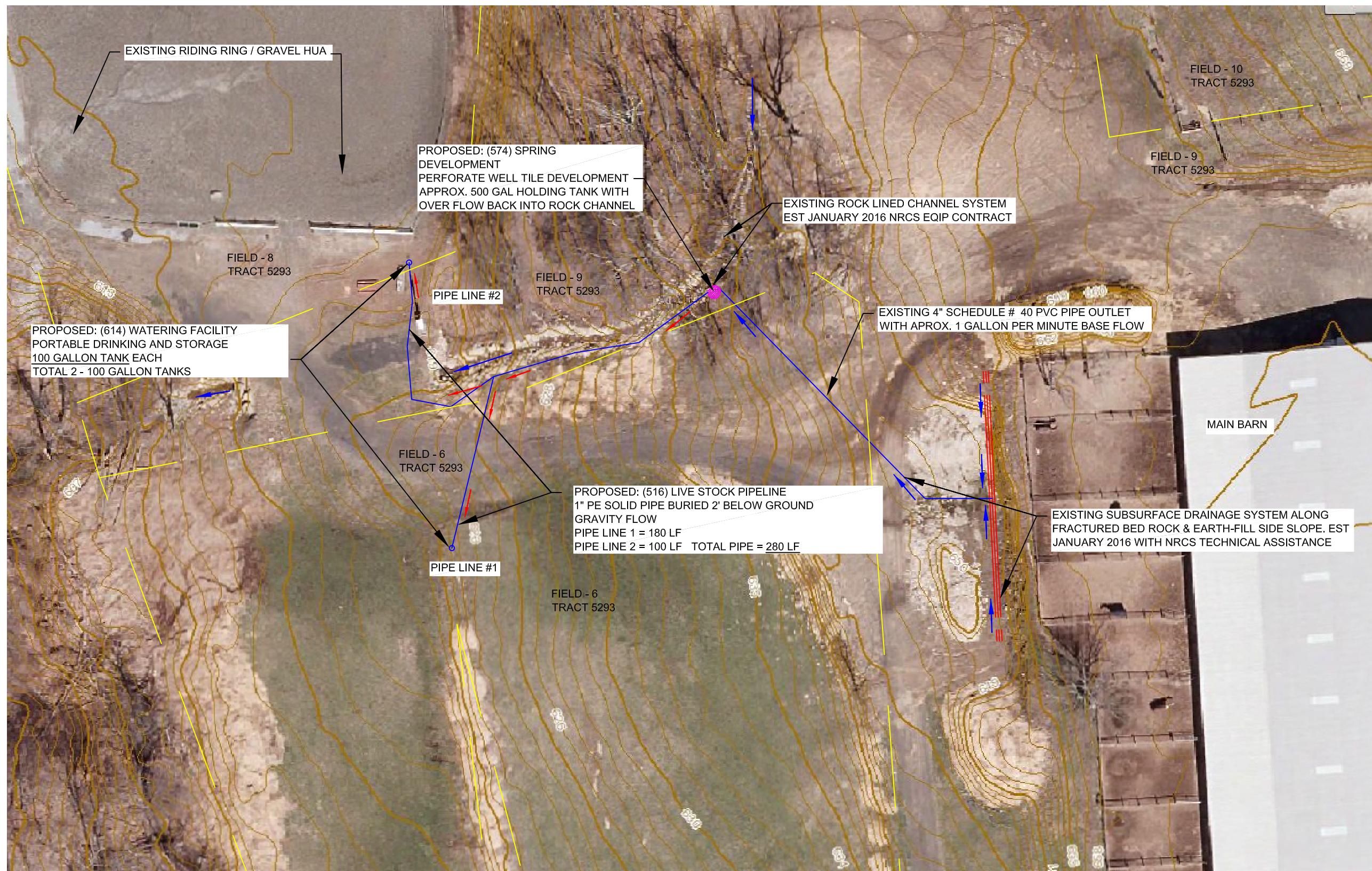
QUANTITIES AND DISTANCES SHOULD BE FIELD
CHECKED PRIOR TO CONTRACTING

Date	1/2021
Designed	M. ROSADO
Drawn	M. ROSADO
Checked	M. ROSADO
Approved	M. ROSADO

PROPOSED FIELD DRAINAGE SITE 1 PLAN VIEW
INVENTORY AND EVALUATION (I&E)
FULL CIRCLE FARM
719 BIRCH MOUNTAIN ROAD, MANCHESTER HARTFORD COUNTY, CONNECTICUT



File No.
Full Circle Drainage.dwg
Drawing No.
CT-IE-H-21-XX
1/5/21 4:21 PM
Sheet 1 of 2

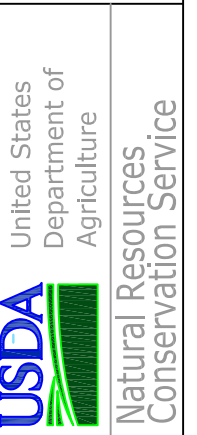


PROPOSED SITE 2 SPRING DEVELOPMENT PLAN VIEW



Date	10/2020
Designed	M. ROSADO
Drawn	M. ROSADO
Checked	M. ROSADO
Approved	M. ROSADO

PROPOSED SITE 2 SPRING DEVELOPMENT
 PLAN VIEW
 INVENTORY AND EVALUATION (I&E)
 FULL CIRCLE FARM
 719 BIRCH MOUNTAIN ROAD, MANCHESTER HARTFORD COUNTY, CONNECTICUT



File No.	Full Circle Drainage.dwg
Drawing No.	CT-IE-H-21-XX
Date	1/5/21 2:31 PM
Page	Sheet 2 of 2



IW-22-2

Inland Wetlands

Status: Active

Date Created: Apr 19, 2022

Applicant

Tyler Egner
tyler.m.egner@gmail.com
10 French Road
Bolton, CT 06043
8603894223

Location

10 FRENCH RD
BOLTON, CT 06043

Owner:

Amber Kirchner
10 French Rd Bolton, Connecticut 06043

Internal Use

Conditions

--

Petition Received?

--

Date Received

--

Date of Newspaper Publication of Inland/Wetlands Commission Action

--

Summary of Inland/Wetlands Commission Action

--

Bond Required?

--

Additional Applicant Info

Applicant Type

Owner

Permit Info

Type of Application

New Application

Permit For

Administrative Wetlands

Occupancy Type Residential (Single Family/Duplex) **Lots** 1

Work Description
Septic Repair within 150 of wetlands

Development Title
Proposed Septic System Repair for 10 French Rd

Comments
--

Proposed Distance
Distance from Inland Wetlands and Watercourses: --

Requested Distance
--

Wetland / Watercourses Project Information

Size of Subject Property (acres)
1.8

Total area of wetlands to be affected by the activity (acres)
0

Open water body altered (acres) **Stream alternation (linear feet)**
-- --

Buffer/upland area altered (acres)
--

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

Described how the proposed activity affects wetlands, watercourses, and the regulated areas.
replacing septic system with in 150 feet of wetlands

Described measures that will be taken to minimize the impact on wetlands, watercourses, and the regulated areas.
Silt Fencing, proper storage/piles of excavated and fill material

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?
No

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

--

Experts Retained by Applicant

Name Salvatore Tassone	Title / Expertise Civil Engineer
Address --	City --
State --	Zip Code --
Phone No 860-912-9737	Email --

Additional Project Info

Date of Receipt

--

Hearings Commencement Deadline

--

Hearings Completion Deadline

--

Decision Deadline

--

Total Acreage

--

Distance to Town Line


--


Extended

Hearing Not Required

Attachments

 10 French Road Septic Design.pdf
Uploaded by Tyler Egner on Apr 19, 2022 at 5:13 pm





 Owners of Abutting Properties to 10 French Road.docx
Uploaded by Tyler Egner on Apr 19, 2022 at 5:19 pm

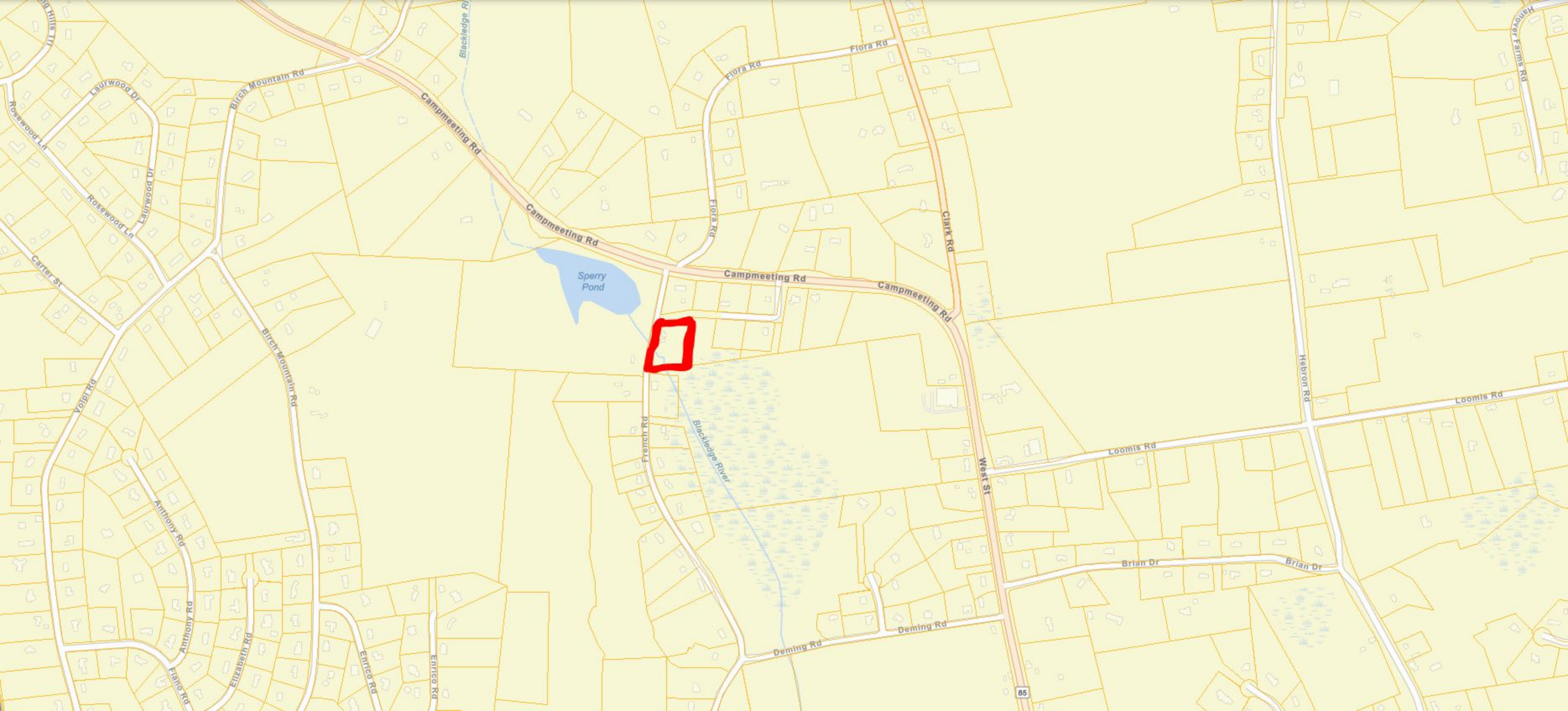
 Locator Maps for 10 French Rd Bolton.pdf
Uploaded by Tyler Egner on Apr 21, 2022 at 2:56 pm

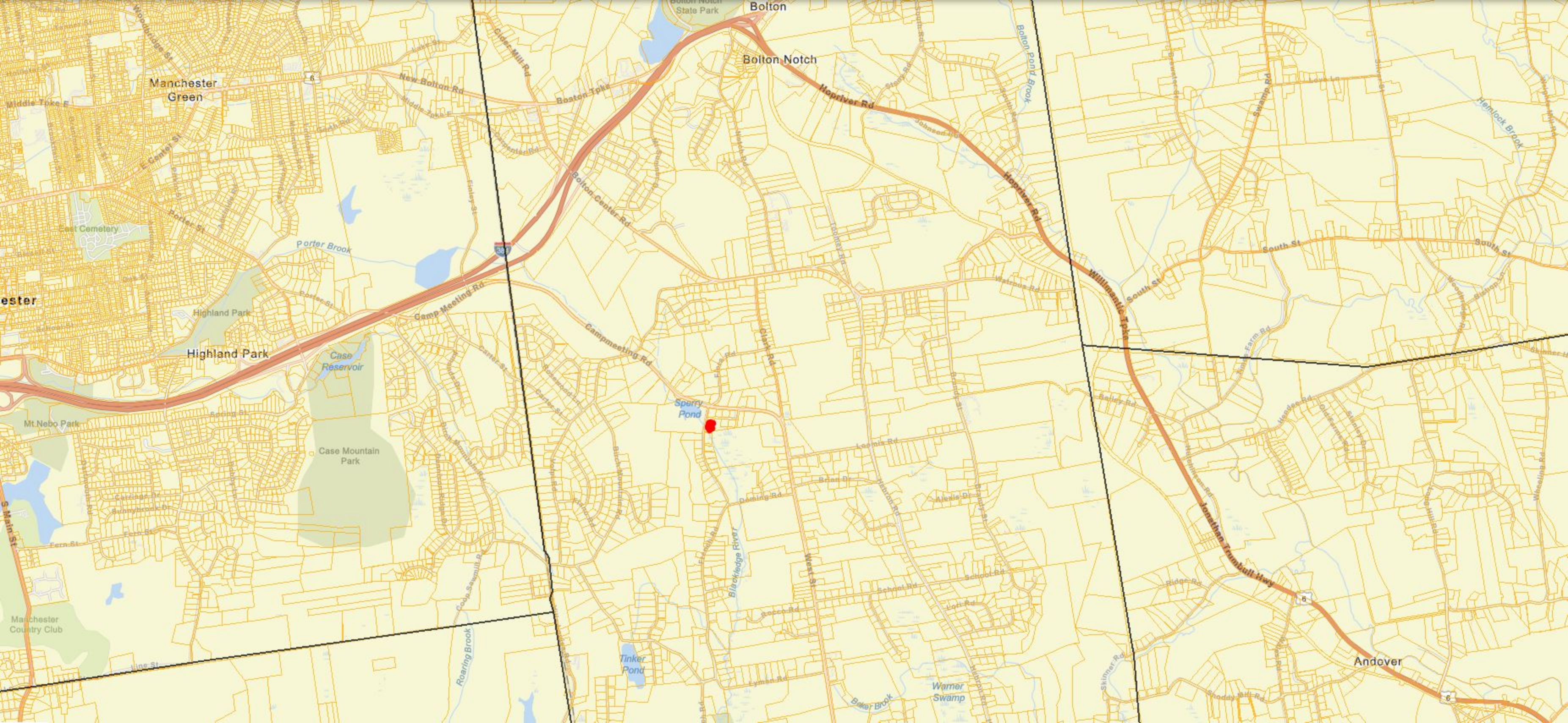
History

Date	Activity
Apr 19, 2022 at 4:46 pm	Tyler Egner started a draft of Record IW-22-2
Apr 19, 2022 at 5:06 pm	Tyler Egner altered Record IW-22-2, changed ownerEmail from "alcheer71@gmail.com" to "amber.kirchner614@gmail.com"
Apr 19, 2022 at 5:06 pm	Tyler Egner altered Record IW-22-2, changed ownerStreetName from "French Road" to "French Rd"
Apr 19, 2022 at 5:20 pm	Tyler Egner submitted Record IW-22-2
Apr 19, 2022 at 5:24 pm	completed payment step Permit Fee on Record IW-22-2
Apr 19, 2022 at 5:24 pm	approval step Application Review was assigned to Barbara Kelly on Record IW-22-2
Apr 19, 2022 at 6:15 pm	Danielle Palazzini assigned approval step Application Review to Danielle Palazzini on Record IW-22-2
Apr 19, 2022 at 6:15 pm	Danielle Palazzini approved approval step Application Review on Record IW-22-2
Apr 19, 2022 at 6:15 pm	approval step Inland Wetlands was assigned to Barbara Kelly on Record IW-22-2

Timeline

Label	Status	Activated	Completed	Assignee	Due Date
 Permit Fee	Paid	Apr 19, 2022 at 5:20 pm	Apr 19, 2022 at 5:24 pm	-	-
 Application Review	Complete	Apr 19, 2022 at 5:24 pm	Apr 19, 2022 at 6:15 pm	Danielle Palazzini	-
 Inland Wetlands	Active	Apr 19, 2022 at 6:15 pm	-	Barbara Kelly	-
 Issue Permit	Inactive	-	-	-	-





- LEGEND**
- PERCOLATION TEST
 - WELL
 - PROPOSED CONTOUR
 - SILTY FENCE
 - PROPERTY LINE
 - EXISTING CONTOUR

SPECIAL CONDITIONS

1. BASED ON EXISTING TOWN GIS MAPPING AND SITE OBSERVATIONS IT APPEARS THAT ALL EXISTING RESIDENTIAL SITE DEVELOPMENT IS LOCATED WITHIN AN AREA PREVIOUSLY CREATED BY PLACING A SANDY FILL MATERIAL OVER A LOW LYING/POSSIBLY WETLAND SOIL.
2. THE EXISTING SEPTIC TANK APPEARS TO BE A METAL TANK WHICH IS DETERIORATING/FAILING. THE LOCATION/SIZE/TYPE OF EXISTING LEACHING AREA (IF ANY) IS UNKNOWN.
3. THE PROPOSED SEPTIC SYSTEM REPAIR IS LOCATED ENTIRELY WITHIN THE LIMITS OF THE EXISTING PREVIOUSLY FILLED/DISTURBED AREA OF THE SITE. NO ADDITIONAL SITE DISTURBANCE IS PROPOSED.
4. BASED ON THE DEFINITION PROVIDED IN THE STAT OF CONNECTICUT PUBLIC HEALTH CODE TECHNICAL STANDARDS, THE PROPOSED SEPTIC REPAIR IS IN A NON-COMPLIANT AREA.
5. THE EXISTING WELL IS A 3 FEET DIAMETER DUG WELL. THE OWNER HAS INDICATED THAT THE WATER QUALITY HAS BEEN TESTED AND IT HAS PASSED POTABILITY STANDARDS.
6. A POTENTIAL "FUTURE WELL" LOCATION HAS BEEN SHOWN ON THE PLAN IN THE EVENT IT BECOMES NECESSARY. THIS WELL WOULD BE A DRILLED WELL AND IT IS LOCATED SUCH THAT IT IS A MINIMUM OF 75 FEET FROM ANY KNOWN SEPTIC SYSTEM AREA.

BASIS OF DESIGN

NUMBER OF BEDROOMS = 2
 DESIGN PERCOLATION RATE = 5-10 MINUTES/INCH
 TOTAL EFFECTIVE LEACHING AREA REQUIRED = 375 S.F.
 DEPTH TO MOTTLING = 36"
 HYDRAULIC GRADIENT = AVERAGE GROUND SLOPE = 4.2%
 HYDRAULIC FACTOR = 42
 FLOW FACTOR 2 BEDROOM = 1.0
 PERC FACTOR 5-10MIN/IN = 1.0
 'MLSS' PROVIDED = 64
 PROVIDE 64 LINEAR FEET OF DOUBLE QUICK 4 STANDARD INFILTRATORS
 AS SHOWN IN DETAIL. THIS RESULTS IN 378 S.F. OF EFFECTIVE LEACHING AREA

SEPTIC SYSTEM CONSTRUCTION NOTES:

1. CONSTRUCTION SEQUENCE
 A. STRIP & STOCKPILE TOPSOIL FROM LEACHING AREA.
 B. CONSTRUCT LEACHING UNITS TO DESIGN LINE & GRADE.
 C. RE-STRIP & RESEED DISTURBED AREAS WITH EROSION CONTROLS UNTIL FIRST MOWING.
2. THE PIPE BETWEEN THE HOUSE AND SEPTIC TANK SHALL BE 4 IN. EXTRA HEAVY CAST IRON, DUCTILE IRON OR EXTRA STRENGTH PVC ASTM D1785 SCH 40 OR APPROVED EQUAL.
3. ALL DISTRIBUTION PIPE IS TO BE ASTM D3034 SDR 35 (4" PVC) OR APPROVED EQUAL UNLESS NOTED.
4. SEPTIC TANK SHALL BE SET LEVEL ON A MINIMUM OF 6" OF PROCESSED GRAVEL OR BROKEN STONE ON COMPACTED SUBGRADE.
5. ALL CONSTRUCTION TO CONFORM TO STANDARDS OF THE CONNECTICUT PUBLIC HEALTH CODE AND TO THE SATISFACTION OF THE TOWN SANITARIAN.
6. APPROVED STONE AGGREGATE FOR LEACHING TRENCHES SHALL BE BROKEN STONE, CRUSHED STONE, OR SCREENED GRAVEL MEETING CT DOT FROM M34A SPECIFICATION FOR M.61.021 FOR NO. 4 STONE.

SIEVE SIZE	NO. 4 STONE AGGREGATE (A.K.A., 1 & 1/4" STONE)		NO. 6 STONE AGGREGATE (A.K.A., 3/4" STONE)	
	PERCENT PASSING (BY WEIGHT)		PERCENT PASSING (BY WEIGHT)	
2-INCH	100	N/A	N/A	N/A
1-1/2-INCH	90-100	N/A	N/A	N/A
1-INCH	20-55	100	100	100
3/4-INCH	0-15	90-100	90-100	90-100
1/2-INCH	N/A	20-55	20-55	20-55
3/8-INCH	0-5	0-15	0-15	0-15
#4	N/A	0-5	0-5	0-5

LEACHING SYSTEM CONSTRUCTION NOTES:

1. TOPSOIL TO BE STRIPPED OFF PRIOR TO FILLING. FILL MATERIAL BETWEEN AND BEYOND TRENCHES TO BE PERVIOUS, GOOD QUALITY AND CLEAN MEDIUM SAND (SELECT FILL) PLACED AND COMPACTED IN 6" LIFTS. SELECT FILL SHALL MEET THE FOLLOWING MINIMUM REQUIREMENTS:
 A. THE FILL SHALL NOT CONTAIN ANY MATERIAL LARGER THAN 3 INCHES.
 B. THE FILL SHALL NOT CONTAIN MORE THAN 45 PERCENT GRAVEL (GRAVEL IS BETWEEN NO. 4 & 3" SIEVES) NO MORE THAN 45 PERCENT OF THE MATERIAL CAN BE RETAINED ON THE NO. 4 SIEVE.
 C. THE FILL LESS THE GRAVEL SHALL MEET THE FOLLOWING GRADATION CRITERIA:

SIEVE SIZE	#4	#10	#40	#100	#200
% PASSING: WET SIEVE	100	70-100	**10-50	0-20	0-5
% PASSING: DRY SIEVE	100	70-100	10-75	0-5	0-2.5

- ** 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%.
2. DOCUMENTATION OF TEST RESULTS ARE TO BE PROVIDED TO THE HEALTH DISTRICT.
3. FILL MATERIAL TO BE PLACED PRIOR TO TRENCH EXCAVATION. NO TRAFFIC OTHER THAN TRACK-DRIVEN EQUIPMENT IS TO CROSS, DUMP, UNLOAD OR OTHERWISE COMPACT THE FILL AREA AFTER TOPSOIL REMOVAL. FILL MATERIAL TO BE DUMPED AT THE EDGE OF THE STRIPPED AREA AND SPREAD AND COMPACTED WITH TRACK-DRIVEN VEHICLES. STOCKPILING IS TO TAKE PLACE UPGRADIENT OF THE LEACHING AREA. THE AREA DOWN GRADIENT OF THE LEACHING AREA IS NOT TO BE DISTURBED.

DEEP HOLE TESTS:

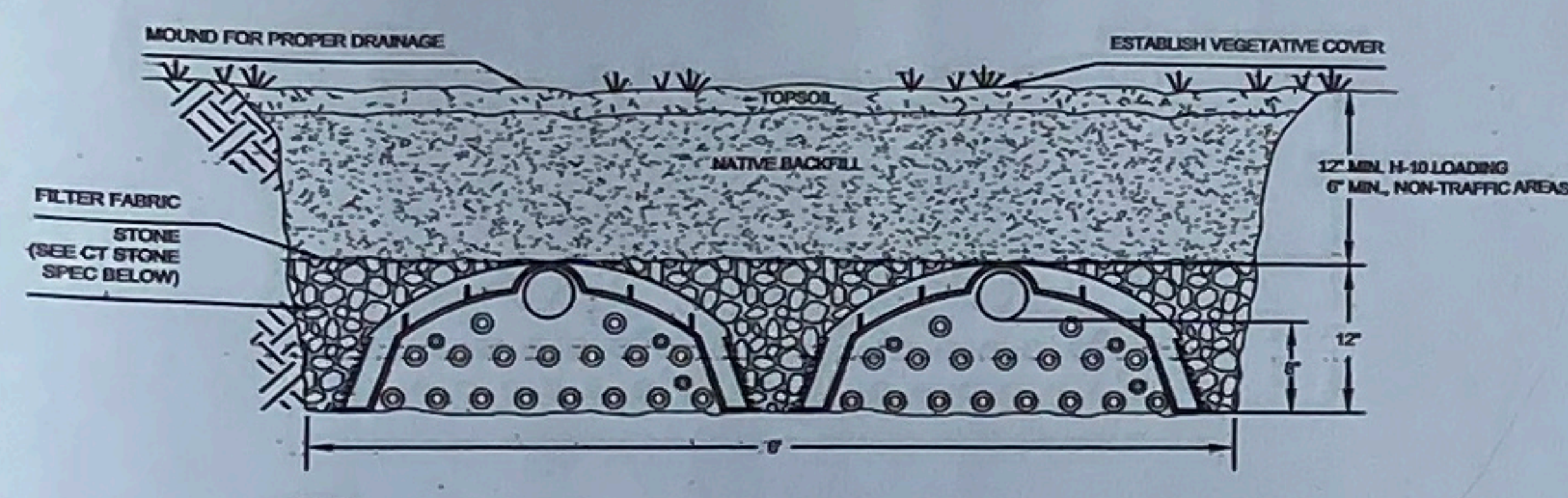
November 23, 2021
 Observed by Thad King MH REHS of Eastern Highlands Health District

Test Pit	Depth	Seepage	Ledge	Mottling	Roots	Top Soil	Original Top Soil
Test Pit TP1	Depth 74"	Seepage 58"	Ledge None	Mottling None	Roots	Top Soil Rd/Bk Sandy Fill	Original Top Soil
0-36"						0-72"	
36-74"						72-84" Or/Bk Fine Sandy Loam	
Test Pit TP2	Depth 70"	Seepage 43"	Ledge	Mottling	Roots	Top Soil Rd/Bk Sandy Fill	Original Top Soil
0-36"						0-72"	
36-70"						Gr Silty Sand Wet	
Test Pit TP3	Depth 84"	Seepage None	Ledge None	Mottling None	Roots	Top Soil Rd/Bk Sandy Fill	Original Top Soil
0-36"						0-72"	
36-74"						72-84" Or/Bk Fine Sandy Loam	

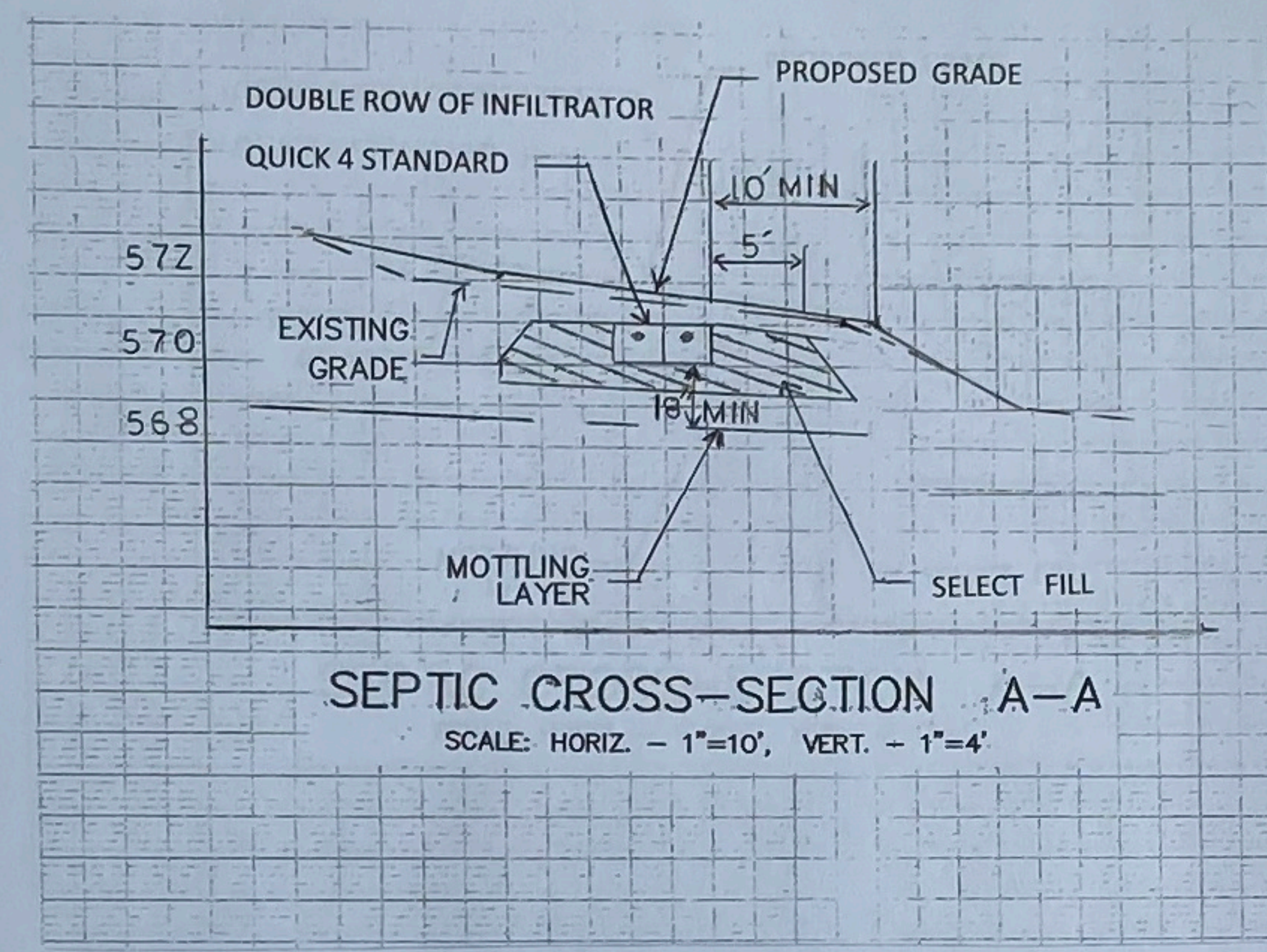


LOCATION MAP (SCALE: 1" = 300')

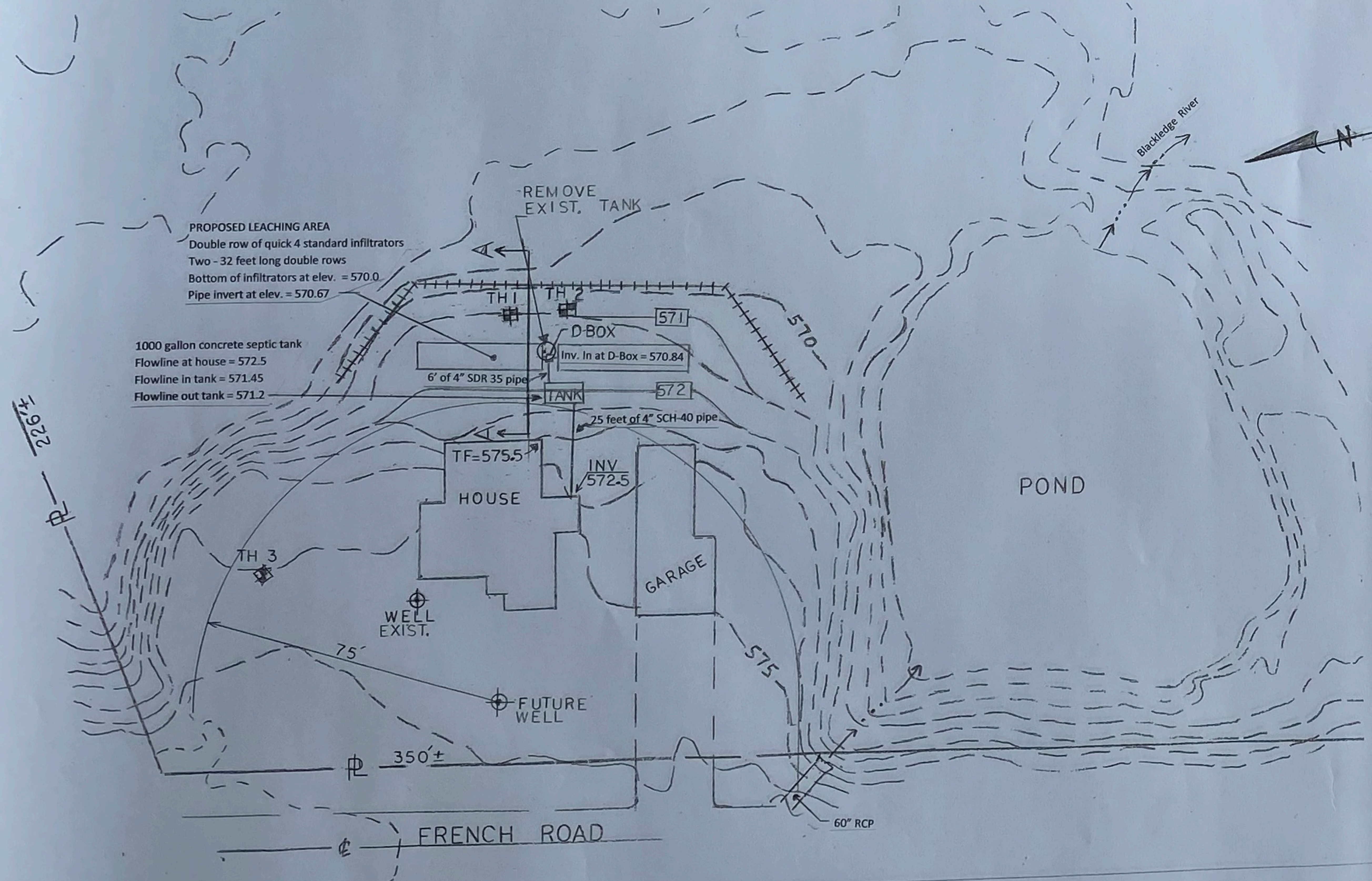
DETAIL QUICK 4 STANDARD (NOT TO SCALE)



- NOTES:**
- EFFECTIVE LEACHING AREA = 5.9 SQ FT/FT
 - CENTER-TO-CENTER TRENCH SPACING = 12 FEET
 - INSTALL INFILTRATORS ACCORDING TO MANUFACTURER'S CURRENT INSTALLATION INSTRUCTIONS
 - CT STONE SPECIFICATION: ONE-INCH BROKEN STONE OR ONE-INCH SCREENED GRAVEL

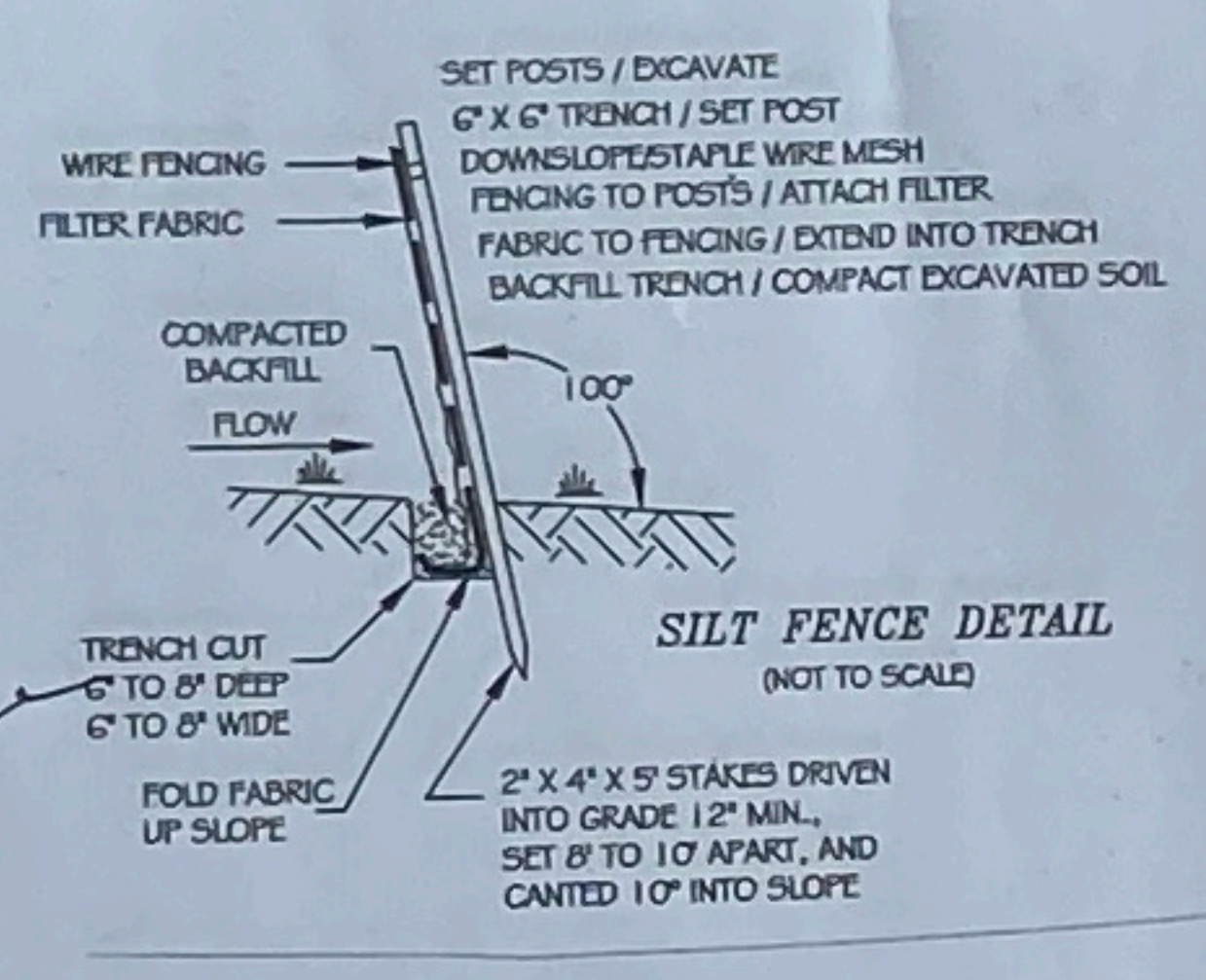


SEPTIC CROSS-SECTION A-A
 SCALE: HORIZ. - 1"=10', VERT. - 1"=4'



EROSION & SEDIMENT CONTROL NOTES:

1. ALL EROSION & SEDIMENT CONTROL MEASURES TO BE CONSTRUCTED AS DETAILED AND SPECIFIED IN THE CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, JANUARY 2002 AS AMENDED.
2. ALL EROSION & SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO ANY CONSTRUCTION. PROPER MAINTENANCE DURING CONSTRUCTION AND REMAIN IN PLACE UNTIL ALL DISTURBED AREAS HAVE BEEN PROPERLY STABILIZED. AFTER INSTALLATION OF THE INSTALLED PRESCRIPTION MEASURES, ADDITIONAL MEASURES MAY BE REQUIRED TO ADDRESS FIELD CONDITIONS AS ORDERED BY THE TOWN OF COLCHESTER OR ITS DESIGNATED AGENCIES.
3. THE SMALLEST PRACTICAL AREA OF LAND SHOULD BE EXPOSED. THE EXPOSURE SHOULD BE THE SHORTEST PERIOD OF TIME. WHEN NECESSARY TEMPORARY VEGETATION AND OR MULCHING SHOULD BE USED TO PROTECT EXPOSED AREAS. FINAL VEGETATION SHOULD BE INSTALLED AS SOON AS POSSIBLE. WHEREVER FEASIBLE NATURAL VEGETATION SHOULD BE ESTABLISHED AND PROTECTED.
4. THE STOCKPILING OF BUILDING MATERIALS SHALL BE WITHIN THE AREA OF DISTURBANCE.
5. SEEDING PREPARATION: FINE GRADE AND BARE SOIL TO REMOVE ANY STONES LARGER THAN 2 INCHES. INSTALL ANY NEEDED EROSION CONTROL DEVICES SUCH AS SURFACE WATER DIVERSION. APPLY LIMESTONE AT A RATE OF TWO TONS PER ACRE OR 90 POUNDS PER 1000 SQUARE FEET. FERTILIZE WITH 10-10-10 AT A RATE OF 11 POUNDS PER 100 SQUARE FEET. WORK LIME AND FERTILIZER INTO THE SOIL TO A DEPTH OF FOUR INCHES.
6. SEED APPLICATION: APPLY SHADE TOLERANT GRASS MIXTURE BY HAND, CYCLONE SEEDER OR HYDROSEEDER. SEEDING SHALL BE DONE BETWEEN APRIL 1 AND JUNE 1 OR BETWEEN AUGUST 15 AND SEPTEMBER 1. IF SEEDING CANNOT BE DONE DURING THESE TIMES, REPEAT MULCHING PROCEDURE UNTIL SEED CAN BE DONE.
7. ESTABLISH PERMANENT VEGETATION USING A SEED MIXTURE OF:
 KENTUCKY BLUEGRASS 20 LBS/ACRE
 CREEPING RED FESCUE 20 LBS/ACRE
 PERENNIAL RYE GRASS 5 LBS/ACRE
 TOTAL 45 LBS/ACRE
 THE RECOMMENDED DATES FOR SEEDING ARE APRIL 1 THROUGH JUNE 1 AND AUGUST 15 THROUGH SEPTEMBER 1.
8. MULCHING: IMMEDIATELY FOLLOWING SEEDING, MULCH THE SEEDING SURFACE WITH STRAW OR HAY AT A RATE OF 1.5 TO 2 TONS PER ACRE. MULCH SHALL BE SPREAD BY HAND OR WITH A MULCH BLOWER. PUNCH MULCH INTO SOIL SURFACE APPROXIMATELY TWO TO THREE INCHES.



GENERAL NOTES

1. This plan is for a proposed Septic System Repair - not a new home construction.
2. On-site soil testing for the septic repair performed by Eastern Highlands Health District.
3. Existing contours taken from Town of Bolton online GIS mapping supplemented with field verification and adjustments.
4. Benchmark elevation to be set in the field at time of construction.
5. It is the responsibility of the contractor to contact the property owner, appropriate utilities or "CALL BEFORE YOU DIG" to verify the location of underground utilities prior to construction. Any utility locations shown on this plan are approximate only and must be verified by the contractor prior to construction.
6. The area of the leaching system is to be protected from compaction by construction equipment.
7. The quick 4 standard units by "INFILTRATOR" are capable of deflecting horizontally up to 10-degrees. Install in accordance with "INFILTRATORS" instructions.
8. All disturbed areas shall be stabilized with grass seed and mulch to establish a stable lawn area.

PROPOSED SEPTIC SYSTEM REPAIR
 10 French Road, Bolton, Connecticut
 Prepared for Amber Kirchner
 By Salvatore Tassone P.E.
 Scale: 1" = 20'
 Date: April 9, 2022

131 CAMPMEETING RD BOLTON
Owned by: FICOCELLI VICTOR

7 EUCLID LN BOLTON
Owned by: FICOCELLI VICTOR

37 WEST ST BOLTON
Owned by: FREDDO ELEANOR, FREDDO THOMAS

18 FRENCH RD BOLTON
Owned by:
HELLER CHRISTINE



IW-22-3

Inland Wetlands

Status: Active

Date Created: Apr 25, 2022

Applicant

David Sposito
amanda.mangene@raveis.com
55 Hebron Rd
Bolton, CT 06043
8608185530

Location

0 BOLTON CENTER RD
BOLTON, CT 06043

Owner:

David Sposito
180 BOLTON CENTER ROAD Bolton, CT 06043

Internal Use

Conditions

--

Petition Received?

--

Date Received

--

Date of Newspaper Publication of Inland/Wetlands Commission Action

--

Summary of Inland/Wetlands Commission Action

--

Bond Required?

--

Parcels Included in Project

MBL / Parcel ID

180 Bolton Center

Additional Applicant Info

Applicant Type

Owner

Permit Info

Type of Application

New Application

Permit For

Amendment of Inland Wetlands Regulations or Map

Occupancy Type

Residential (Single Family/Duplex)

Lots

--

Work Description

New Construction single family house

Development Title

--

Comments

--

Distance from Inland Wetlands and Watercourses:

Proposed Distance

--

Requested Distance

--

Wetland / Watercourses Project Information

Size of Subject Property (acres)

1.1

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)

--

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

--

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

Owner is proposing a single family home within 50 ft of wetlands buffer

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

--

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

James

Address

Rogers

City

Manchester

State

CT

Zip

06040

Phone

8606432501

Email

jfrogers@lmrblaw.com

Engineer Information

Company Name

--

Engineer Name

--

Address

--

City

--

State

--

Zip

--

Phone

--

Registration #

--

Insurance Expiration

--

AOR

--

Email

--

Contractors

Name

David Sposito

Address

55 Hebron Rd

City

Bolton

State

CT

Zip

06043

Phone No

8608185530

Email

amanda.mangene@raveis.com

DBA

--

Mobile Phone No

8608185530

Additional Project Info

Date of Receipt

--

Hearings Commencement Deadline

--

Hearings Completion Deadline

--

Decision Deadline

--

Total Acreage

1.1

Distance to Town Line

--



Extended



Hearing Not Required







Attachments

-  180 Bolton Center Abutting properties.pdf
Uploaded by David Sposito on Apr 25, 2022 at 11:55 am
-  180 Bolton Center Rd Bolton Site Plan.pdf
Uploaded by David Sposito on Apr 25, 2022 at 11:55 am

History

Date	Activity
Apr 25, 2022 at 11:17 am	David Sposito started a draft of Record IW-22-3
Apr 25, 2022 at 11:56 am	David Sposito submitted Record IW-22-3
Apr 25, 2022 at 11:57 am	completed payment step Permit Fee on Record IW-22-3
Apr 25, 2022 at 11:57 am	approval step Application Review was assigned to Barbara Kelly on Record IW-22-3

Timeline

Label	Status	Activated	Completed	Assignee	Due Date
 Permit Fee	Paid	Apr 25, 2022 at 11:56 am	Apr 25, 2022 at 11:57 am	-	-
 Application Review	Active	Apr 25, 2022 at 11:57 am	-	Barbara Kelly	-
 Inland Wetlands	Inactive	-	-	-	-
 Issue Permit	Inactive	-	-	-	-

SURVEY NOTES:

1) 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 OF ACCURACY, CONTENT AND CERTIFICATION FOR SURVEYS AND MAPS", AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS INC. ON AUGUST 29, 2019. IT IS A LIMITED PROPERTY/BOUNDARY IMPROVEMENT LOCATION SURVEY MAP BASED ON A RESURVEY CONFORMING TO HORIZONTAL SURVEY ACCURACY CLASS A-2 AND TOPOGRAPHIC ACCURACY CLASS T-2. THE INTENT OF THIS MAP IS TO DEPICT THE LOCATION OF THE PROPOSED OR EXISTING IMPROVEMENTS SHOWN WITH RESPECT TO THE APPLICABLE MUNICIPAL OR STATUTORY REQUIREMENTS.

2) PROPERTY IS LOCATED IN A RR ZONE.

3) THE PROPERTY IS LOCATED IN A FLOOD HAZARD ZONE C PER FIRM FLOOD INSURANCE RATE MAP NUMBER 090190B EFFECTIVE DECEMBER 4, 1985.

4) TOPOGRAPHY DEPICTED WAS FIELD DERIVED BY BUSHNELL ASSOCIATES LLC. USING AN ASSUMED DATUM.

MAP REFERENCES:

1) PLAN PREPARED FOR MICHAEL HARNEY LOT 7 DANIELLE MARIE ESTATES BOLTON CENTER ROAD BOLTON, CT. LIMITED PROPERTY IMPROVEMENT LOCATION SURVEY SCALE: 1"=20' DATE: 7/15/2015 FILE NO. 2015-28 SHEET: 1 OF 1 BUSHNELL ASSOCIATES LLC, CIVIL ENGINEERING AND LAND SURVEYING 563 WOODBRIDGE STREET MANCHESTER, CT. 06042 860-643-7875

SEPTIC SYSTEM DESIGN NOTES AND CRITERIA

SEPTIC SYSTEM DESIGN AND INSTALLATION TO COMPLY WITH CONNECTICUT PUBLIC HEALTH CODE REGULATIONS AND TECHNICAL STANDARDS FOR SUBSURFACE SEWAGE DISPOSAL SYSTEMS REVISED JANUARY 1, 2018.

MINIMUM LEACHING SYSTEM SPREAD (MLSS) CALCULATION:

NUMBER OF BEDROOMS 3
PERCOLATION RATE: 1-10.0 MIN./INCH (SYSTEM IN SELECT FILL)
RESTRICTIVE LAYER: 20" TH
GROUND SLOPE: 3.1-4.0%
MLSS: 48 HF. X 1.5 FF. X 1.0 PF.=72 FT. MIN.

REQUIRED: 1000 GALLON TWO-COMPARTMENT SEPTIC TANK AND 495 SQ. FT. OF EFFECTIVE LEACHING AREA. (SYSTEM IN SELECT FILL-1.0 MIN./INCH PERCOLATION RATE)

PROVIDED: 1,250 GALLON TWO-COMPARTMENT INFILTRATOR PLASTIC SEPTIC TANK WITH APPROVED EFFLUENT FILTER, NO GARBAGE DISPOSAL, WATER SOFTENING SYSTEM OR OVERSIZED TUB TO BE INSTALLED IN THE HOUSE. (ACCESS RISERS REQUIRED TO LESS THAN 12" FROM FINAL GRADE). 84 LINEAL FEET OF DOUBLE WIDE STANDARD CAPACITY QUICK 4 INFILTRATORS BACKFILLED WITH APPROVED NO. 4 STONE AGGREGATE (66 UNITS) EFFECTIVE LEACHING CREDIT 5.9 SQ. FT./FT. WITH AN EFFECTIVE LEACHING AREA OF 495.6 SQ.FT. MINIMUM SPACING OF 12 FT. ON CENTER, WITH HOUSE SEWER PIPE OF 4" DIA. SCHEDULE - 40 ASTM D-1785 / ASTM D-2865.

INFILTRATOR BOTTOMS TO BE NO LESS THAN 2" BELOW EXISTING GRADE.

THE SEPTIC SYSTEM AREA SHALL NOT BE DISTURBED PRIOR TO STAKEOUT OF THE SYSTEM BY THE DESIGN ENGINEER.

THE DESIGN ENGINEER SHALL STAKE OUT THE SEPTIC SYSTEM, SET A LOCAL BENCHMARK AND SUPPLY THE EASTERN HIGHLANDS HEALTH DISTRICT WITH A STAKING VERIFICATION MEMO BEFORE A PERMIT TO INSTALL THE SYSTEM WILL BE ISSUED.

SELECT FILL PLACED WITHIN AND ADJACENT TO LEACHING SYSTEM AREAS SHALL BE COMPRISED OF CLEAN SAND, OR SAND AND GRAVEL, FREE FROM ORGANIC MATTER AND FOREIGN SUBSTANCES. THE SELECT FILL SHALL MEET THE FOLLOWING REQUIREMENTS UNLESS OTHERWISE APPROVED BY THE DESIGN ENGINEER. SELECT FILL EXCEEDING 6% PASSING THE #200 SIEVE BASED ON A WET SIEVE TEST CANNOT BE APPROVED BY THE DESIGN ENGINEER.

- 1) THE SELECT FILL SHALL NOT CONTAIN ANY MATERIAL LARGER THAN THE THREE (3) INCH SIEVE.
- 2) UP TO 45% OF THE DRY WEIGHT OF THE REPRESENTATIVE SAMPLE MAY BE RETAINED ON THE #4 SIEVE.
- 3) THE MATERIAL THAT PASSES THE #4 SIEVE IS THEN REWEIGHED AND THE SIEVE ANALYSIS STARTED.
- 4) THE REMAINING SAMPLE SHALL MEET THE FOLLOWING GRADATION CRITERIA.

SIEVE SIZE	PERCENT PASSING	WET SIEVE	DRY SIEVE
#4	100	100	100
#10	70-100	70-100	70-100
#40	10-50*	10-75	10-75
#100	0-20	0-5	0-5
#200	0-5	0-2.5	0-2.5

* 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 CRITERIA IS ACCEPTABLE.

THE LICENSED INSTALLER IS RESPONSIBLE FOR PREPARING THE LEACHING AREA WITH REQUIRED SELECT FILL. THE TOPSOIL IN THE LEACHING AREA MUST BE COMPLETELY REMOVED AND THE SUBSOIL SCARIFIED PRIOR TO SELECT FILL PLACEMENT. THE INSTALLER SHALL TAKE NECESSARY STEPS TO PROTECT THE UNDERLYING NATURALLY OCCURRING SOIL FROM OVERCOMPACTION, SILTATION OR OTHER DAMAGE. THE INSTALLER IS RESPONSIBLE FOR PROPERLY COMPACTING THE SELECT FILL TO FACILITATE CONSTRUCTION AND TO PREVENT SETTLING. SELECT FILL SHALL EXTEND A MINIMUM OF FIVE (5) FEET LATERALLY IN ALL DIRECTIONS BEYOND THE OUTER PERIMETER OF THE LEACHING AREA.

TEST HOLE DATA PER MAP REFERENCE 1

TEST PIT A
0-7" TOPSOIL/LEAF LITTER
7-18" YELLOW BROWN FINE SANDY LOAM
18-24" GREY-BROWN MOTTLED SILT
24-84" RED-BROWN FRAGIPAN
MOTTLING AT 18" SEEPAGE AT 80" NO LEDGE NO LEDGE

TEST PIT B
0-5" TOPSOIL/LEAF LITTER
5-24" YELLOW BROWN FINE SANDY LOAM
24-84" RED-BROWN FRAGIPAN
MOTTLING AT 24" SEEPAGE AT 68" NO LEDGE

TEST PITS OBSERVED BY
HOLLY EASTERN HIGHLANDS HEALTH DISTRICT
ANDREW F. BUSHNELL PE. LS. BUSHNELL ASSOCIATES LLC.
7/8/2015

PERCOLATION TEST 1 RESULTS
PERFORMED BY BUSHNELL ASSOCIATES LLC (7/8/2015)
PRE-SOAKED 9:15AM 7/8/2015
START: 10:52 AM 7/8/2015 HOLE DRY @ START
23" DEEP HOLE

TIME (MIN.)	READING (IN.)	DIFFERENCE (IN.)
0	8	—
5	10 1/2	2 1/2
10	12 1/2	2
15	13 1/2	1
20	14	1/2
25	14 1/2	1/2
30	15	1/2
35	15 1/2	1/2
40	16	1/2
45	16 1/2	1/2
50	17	1/2
55	17 1/2	1/2

PERCOLATION RATE = 1-10.0 MIN./IN.
PERCOLATION TEST 2 RESULTS
PERFORMED BY BUSHNELL ASSOCIATES LLC (7/8/2015)
PRE-SOAK 9:30 AM 7/8/2015
START: 10:50 AM 7/8/15 HOLE DRY @ START
20" DEEP HOLE

TIME (MIN.)	READING (IN.)	DIFFERENCE (IN.)
0	8 1/2	—
5	11 1/2	3
10	13 3/4	2 1/4
15	14 3/4	1
20	15 3/4	1
25	16 1/2	3/4
30	17	1/2
35	17 1/2	1/2
40	18	1/2
45	18 1/2	1/2
50	19	1/2
55	DRY AT 20	—

PERCOLATION RATE = 1-10.0 MIN./IN.
TEST PIT 3
0-6" TOPSOIL
6-26" ORANGE BROWN FINE SANDY LOAM
26-72" RED SAND TILL HIGHLY MOTTLED
21" MOTTLING
NO LEDGE
WATER ON BOTTOM

TEST PIT 4
0-4" TOPSOIL
4-20" ORANGE BROWN FINE SANDY LOAM
20-77" VERY FIRM RED SAND TILL
20" MOTTLING
ROOTS TO 20"
NO LEDGE
NO SEEPAGE

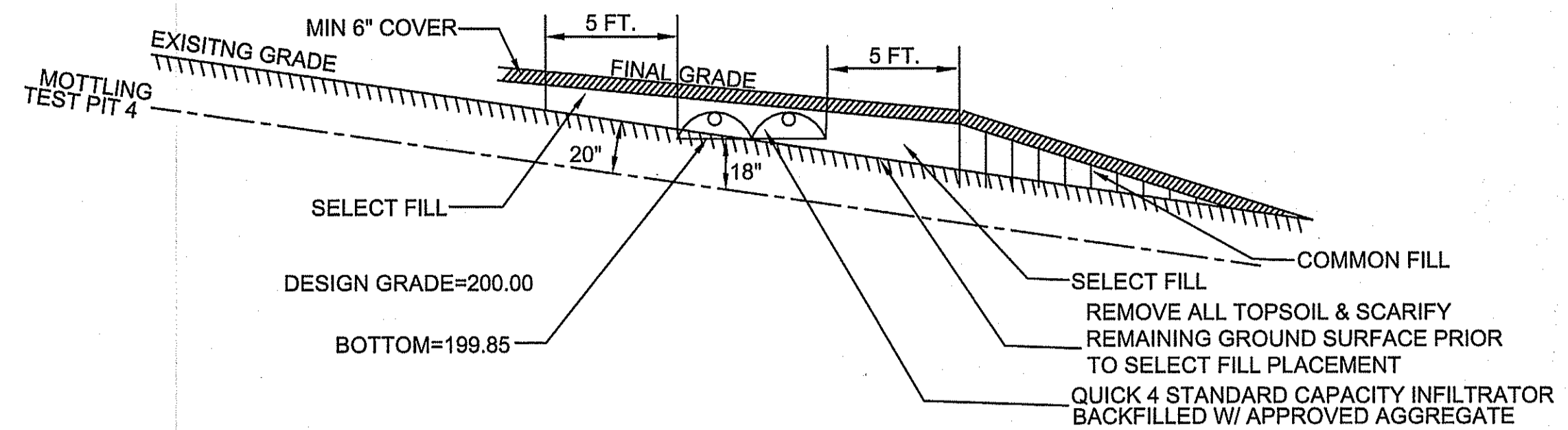
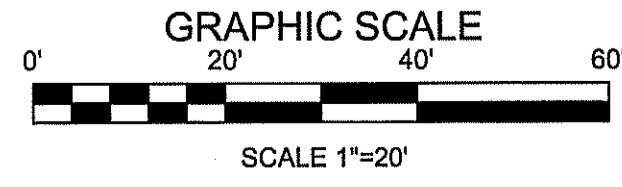
TEST PIT 5
0-6" TOPSOIL & LEAF LITTER
6-24" ORANGE BROWN FINE SANDY LOAM
24-80" VERY FIRM FINE RED BROWN SAND TILL
23" MOTTLING
ROOTS TO 23"
NO LEDGE
NO SEEPAGE

N/F
EARLE F. ARMSTRONG JR.
136 NOTCH ROAD

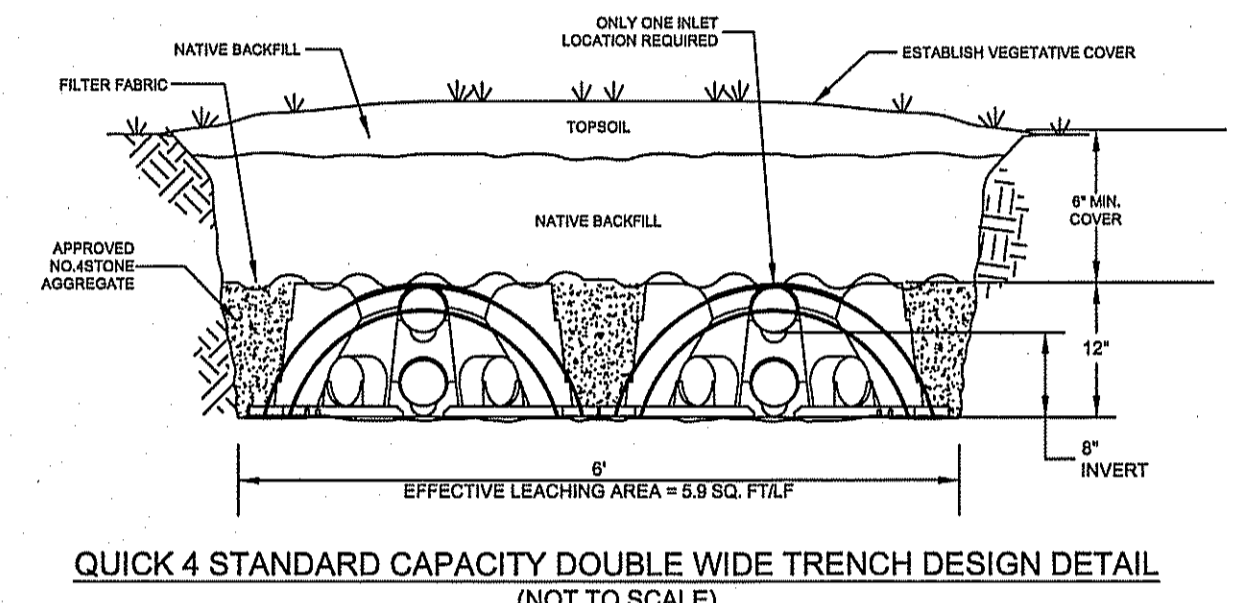
N/F
MICHAEL J. &
BETH ANN HARNEY
176 BOLTON CENTER RD.

N/F
LESLIE A. ALEXANDER
186 BOLTON CENTER RD.

AREA OF DISTURBANCE IN WETLANDS UPLAND
REVIEW AREA: 9,218 SQ. FT. .21 ACRES



LEACHING SYSTEM CROSS SECTION A-A
SCALE 1"=5'



QUICK 4 STANDARD CAPACITY DOUBLE WIDE TRENCH DESIGN DETAIL
(NOT TO SCALE)

LEGEND

- EXISTING MERESTONE
- IRON ROD TO BE SET
- EXISTING IRON ROD
- PROPOSED WELL
- PROPOSED SILT FENCE/ LIMIT OF DISTURBANCE
- LIMIT OF DISTURBANCE
- STONE WALL
- EXISTING UTILITY POLE
- PROPOSED SPOT GRADE
- EXISTING SPOT GRADE
- EXISTING CONTOUR
- PROPOSED CONTOUR
- TEST HOLE
- PERCOLATION TEST
- EDGE OF FIELD LOCATED WETLANDS
- WETLANDS FLAG
- PROPOSED UNDERGROUND UTILITIES

UTILITIES SHOWN ON THIS MAP WERE DERIVED FROM FIELD LOCATIONS AND EXISTING MAPPING CONTRACTOR TO VERIFY LOCATIONS AND DEPTH IN THE FIELD PRIOR THE START OF ANY CONSTRUCTION. "CALL BEFORE YOU DIG (1-800-922-4455)."

PLAN PREPARED FOR
DAVID SPOSITO
BOLTON CENTER ROAD BOLTON, CT.

SITE PLAN
SCALE: 1"=20' DATE: 4/22/2022 FILE NO. 2022-15 SHEET: 1 OF 2

BUSHNELL ASSOCIATES LLC.
CIVIL ENGINEERING AND LAND SURVEYING
563 WOODBRIDGE STREET MANCHESTER, CT. 06042
860-643-7875

REVISIONS:

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

ANDREW F. BUSHNELL, P.E. L.S. 24591
THIS MAP IS NOT VALID UNLESS IT BEARS THE EMBOSSED SEAL OF THE LICENSED LAND SURVEYOR WHOSE REGISTRATION NUMBER AND SIGNATURE APPEAR ABOVE.

- CONSTRUCTION NOTES:**
- 1.) OWNER OR CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL NECESSARY PERMITS AND APPROVALS.
 - 2.) OWNER OR CONTRACTOR TO VERIFY ALL DIMENSIONS AND INFORMATION CONTAINED ON THIS PLAN PRIOR TO THE START OF CONSTRUCTION. THE ENGINEER SHALL BE NOTIFIED OF ANY DISCREPANCIES PRIOR TO THE START OF CONSTRUCTION.
 - 3.) PRIOR TO THE ISSUANCE OF A CERTIFICATE OF OCCUPANCY ALL BOUNDARY MARKERS SHALL BE SET BY A LICENSED LAND SURVEYOR.
 - 4.) PRESERVE ANY EXISTING STONE WALLS WHEREVER POSSIBLE.
 - 5.) ANY TREES TO BE REMOVED IN THE TOWN RIGHT OF WAY SHALL BE POSTED BY THE TREE WARDEN PRIOR TO REMOVAL.
 - 6.) ALL PROPOSED UTILITIES LOCATIONS SHALL BE APPROVED BY THE LOCAL UTILITY COMPANIES PRIOR TO THE START OF CONSTRUCTION.

EROSION CONTROL CONSTRUCTION SEQUENCE PLAN HOUSE LOT DEVELOPMENT
 NOTE: ALL EROSION AND SEDIMENT CONTROL ACTIVITIES SHALL CONFORM TO THE METHODS OUTLINED IN THE 2002 CONNECTICUT GUIDELINES FOR EROSION AND SEDIMENT CONTROL MANUAL.

- 1.) COORDINATE MARKING OF LIMITS OF DISTURBANCE BY A LICENSED LAND SURVEYOR. SUPPLY TOWN EROSION CONTROL OFFICER WITH A LETTER FROM THE SURVEYOR CERTIFYING THE LIMITS OF DISTURBANCE WERE MARKED IN ACCORDANCE WITH THE APPROVED PLAN.
- 2.) CLEAR TREES AS REQUIRED.
- 3.) PRIOR TO SOIL DISTURBANCE INSTALL EROSION CONTROL MEASURES, SILT FENCE AND ANTI-TRACKING PAD (SEE PLAN DETAILS AND LOCATIONS). ADDITIONAL MEASURES MAY BE REQUIRED AS SITE CONDITIONS REQUIRE. COORDINATE AN INSPECTION OF INSTALLED MEASURES WITH THE EROSION CONTROL OFFICER. SUPPLY THE TOWN OF EROSION CONTROL OFFICER WITH THE NAME AND PHONE NUMBER OF A CONTACT PERSON RESPONSIBLE FOR THE EROSION CONTROL MEASURES.
- 3.) PERIODICALLY AND AFTER LARGE RAIN EVENTS INSPECT EROSION CONTROL MEASURES AND REPAIR AS NECESSARY.
- 4.) GRUB AND STRIP TOPSOIL. STOCKPILE TOPSOIL IN AREAS INDICATED ON THE APPROVED PLAN.
- 5.) CONSTRUCT AND STABILIZE DRIVEWAY.
- 6.) CONSTRUCT HOUSE, WELL, DRIVEWAY, SEPTIC SYSTEM AND OTHER IMPROVEMENTS AS SHOWN.
- 7.) SPREAD STOCKPILED TOPSOIL. MACHINE RAKE, FERTILIZE, SEED AND MULCH DISTURBED AREAS. USE GRASS SEED THAT IS ACCEPTABLE FOR THE SITE CONDITIONS (I.E. SUN OR SHADE) AND THE SEASON OF THE YEAR IN WHICH THIS ACTIVITY IS COMPLETED. PROVIDE TEMPORARY STABILIZATION OF THE SITE (I.E. STRAW OR HAY ETC.) IF THE TOPSOIL IS SPREAD DURING A TIME OF YEAR WHEN GRASS SEED WILL NOT GERMINATE. PROVIDE PERMANENT STABILIZATION WHEN WEATHER CONDITIONS ALLOW.
- 8.) REMOVE EROSION CONTROL MEASURES AFTER THE SITE HAS BECOME FULLY ESTABLISHED.
- 9.) ANY EXISTING DISTURBED AREAS MUST BE SEEDED WITH PERMANENT OR TEMPORARY GROUND COVER AND MULCHED BY OCTOBER 15.
- 10.) DEWATERING OPERATIONS, IF REQUIRED, SHALL UTILIZE A CRUSHED STONE INTAKE SUMP AND A TEMPORARY OUTLET SILT POOL LOCATED WITHIN THE LIMITS OF DISTURBANCE.

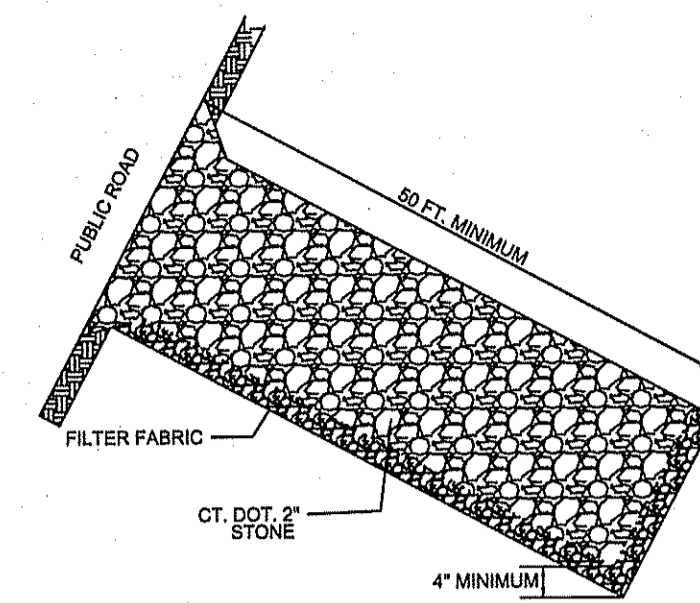
SITE SEEDING NOTES:
 PREPARATION: FINE GRADE AND RAKE SOIL SURFACE TO REMOVE STONES LARGER THAN 2" IN DIAMETER. INSTALL SEEDED EROSION CONTROL DEVICES SUCH AS SURFACE WATER DIVERSIONS AS REQUIRED. APPLY LIMESTONE AT A RATE OF 2 TONS/AC. OR 90 LBS./1000 SQ.FT. FERTILIZE WITH 10-10-10 AT A RATE OF 300 LBS./AC. OR 7.5 LBS. PER 1000 SQ.FT. WORK LIME AND FERTILIZER INTO SOIL UNIFORMLY TO A DEPTH OF 4".

SEED APPLICATION: APPLY SEED MIXTURE FROM THE CHART BELOW BY HAND, CYCLONE SEEDER OR HYDRO SEEDER. INCREASE SEED MIXTURE BY 10% IF HYDRO SEEDER IS USED. LIGHTLY DRAG OR ROLL THE SEEDED SURFACE TO COVER SEED. SEEDING SHOULD BE DONE BETWEEN THE TIMES SHOWN ON THE CHART BELOW. IF SEEDING CANNOT BE DONE DURING THESE TIMES, REPEAT MULCHING PROCEDURE BELOW UNTIL SEEDING CAN TAKE PLACE.

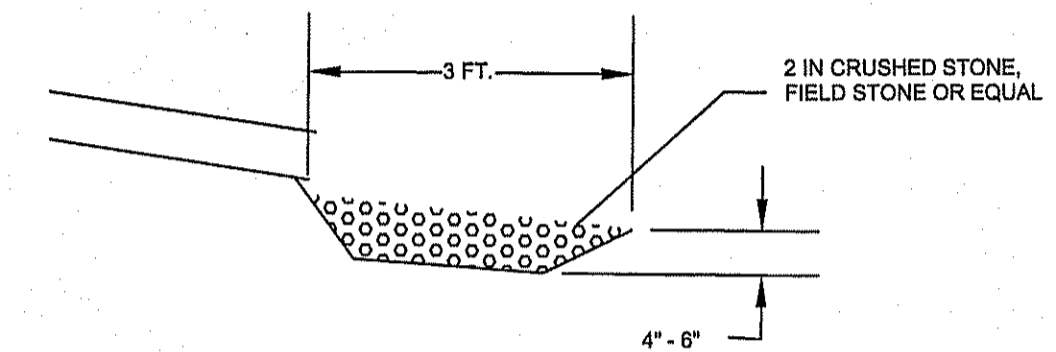
MULCHING: IMMEDIATELY FOLLOWING SEEDING, MULCH THE SEED SURFACE WITH STRAW OR HAY AT A RATE OF 2 TO 3 TONS/AC. SPREAD MULCH BY HAND OR MULCH BLOWER. PUNCH MULCH INTO SOIL SURFACE WITH A TRACK MACHINE OR DISK HARROW SET STRAIGHT UP. IF USING HYDRO SEED MIX USE TACTIFIER ADDITIVES TO ADHERE MULCH MATERIAL TO THE SURFACE.

SEED SELECTION:	LB/1000 SQ. FT.	SEED MIXTURE	RECOMMENDED SEEDING DATES
PERMANENT LAWN	0.45	KENTUCKY BLUEGRASS	4/1-6/15
	0.45	CREeping RED FESCUE	8/15-10/1
	0.10	PERENNIAL RYEGRASS	
SLOPES & COARSE LAWN	0.45	CREeping RED FESCUE	4/1-6/15
	0.05	RED TOP	8/15-10/1
	0.45	TALL FESCUE	
SLOPES (NO MOWING)	1.8	CREeping RED FESCUE	4/1-6/15
	0.2	RED TOP	8/15-10/1
TEMPORARY COVER	3.0	WINTER RYE	4/15-6/15, 8/15-10/15
	1.0	ANNUAL RYEGRASS	3/1-6/15, 8/1-10/15

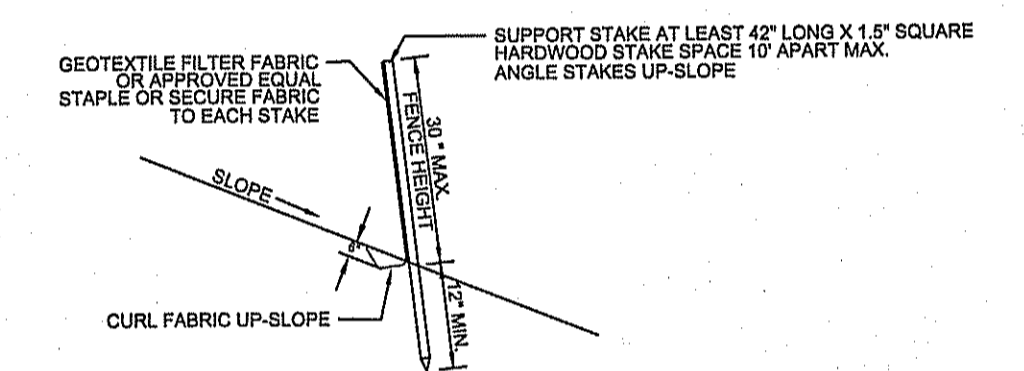
IF SEED IS PLANTED OUTSIDE THE RECOMMENDED SEEDING DATES IRRIGATION MAYBE REQUIRED AT A UNIFORM APPLICATION RATE OF 1 TO 2 INCHES OF WATER APPLIED PER APPLICATION, SOAKING THE GROUND TO A DEPTH OF 4 INCHES.



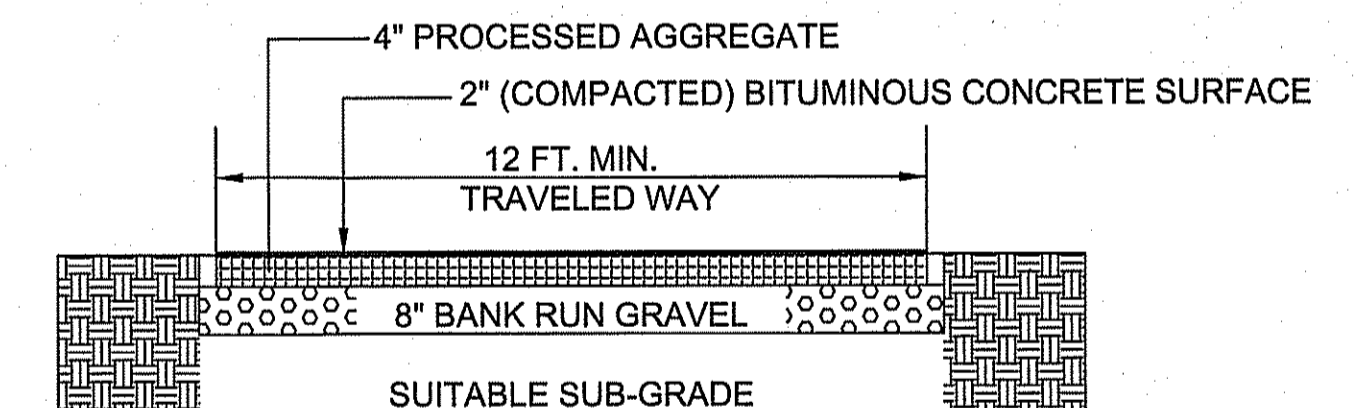
ANTI-TRACKING CONSTRUCTION ENTRANCE
NOT TO SCALE



FOOTING DRAIN OUTLET DETAIL
NOT TO SCALE



SILT FENCE DETAIL
NOT TO SCALE



PAVED DRIVEWAY DETAIL (12% MAX GRADE)
NOT TO SCALE

	PLAN PREPARED FOR DAVID SPOSITO			
	BOLTON CENTER ROAD BOLTON, CT. CONSTRUCTION / E&S/ SEPTIC DETAILS			
SCALE: NONE	DATE: 4/22/2022	FILE NO. 2022-15	SHEET: 2 OF 2	
BUSHNELL ASSOCIATES LLC. CIVIL ENGINEERING AND LAND SURVEYING 563 WOODBRIDGE STREET MANCHESTER, CT. 06042 860-643-7875				
REVISIONS:				

ABUTTING PROPERTIES TO
180 BOLTON CENTER RD

Leslie Alexander

Earle Armstrong

Michael and Beth Ann Harney



WRER-22-3

INLAND WETLANDS REGULATION EXEMPTION REQUEST

Status: Active

Date Created: Apr 25, 2022

Applicant

Joshua Sullivan
jschickens@sbcglobal.net
50 Hatfield Rd
Bolton, CT 06043
8605590149

Location

50 HATFIELD DR
BOLTON, CT 06043

Owner:

Joshua sullivan
50 Hatfield dr. 50 Hatfield Rd bolton, CT 06043

List All Parcels

Parcel ID / MBL

20//46

ACTIVITY AREA

Total Acreage of Property(s)

28

Total Acreage of Activity Area

0.14

Type of Operation or Use

Agricultural Activity

Description of Proposed Work and/or Activity

Reclamation of an existing farm pond for livestock watering and crop irrigation. Work would include selective cutting of vegetation around the perimeter of the pond, removal of multiple dead trees that have fallen in to the pond site and diverted water flow, improving access around the pond to a grazing pasture on the opposite side, and excavation of the pond itself to deepen the water holding capacity

Licensed Professional if applicable

Name

--

Address

--

Email

Phone No (Business)

--

--

Phone No (Cell)

--

Affidavit

I have read and understand the below statement.



Electronic Signature [Typed Name of Applicant]

Joshua Sullivan

Attachments



20220425_124706.jpg

Uploaded by Joshua Sullivan on Apr 25, 2022 at 12:57 pm




 GIS Map.pdf

Uploaded by Joshua Sullivan on Apr 25, 2022 at 1:19 pm

History

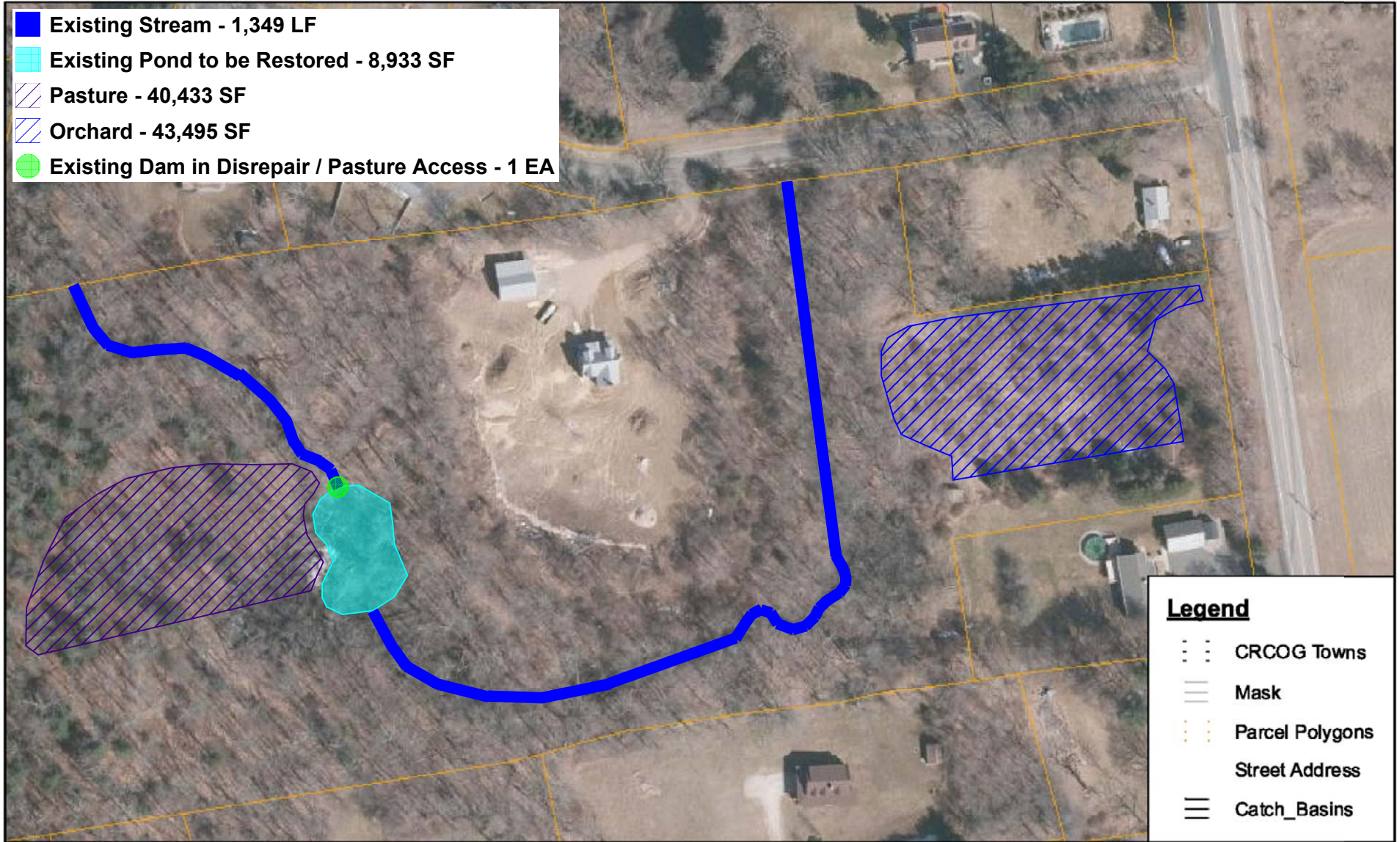
Date	Activity
Apr 25, 2022 at 11:43 am	Joshua Sullivan started a draft of Record WRER-22-3
Apr 25, 2022 at 12:57 pm	Joshua Sullivan submitted Record WRER-22-3
Apr 25, 2022 at 12:57 pm	approval step Application Review was assigned to Barbara Kelly on Record WRER-22-3
Apr 25, 2022 at 1:19 pm	Joshua Sullivan added attachment GIS Map.pdf to Record WRER-22-3

Timeline

Label	Status	Activated	Completed	Assignee	Due Date
 Application Review	Active	Apr 25, 2022 at 12:57 pm	-	Barbara Kelly	-
 Inland Wetlands Approvals	Inactive	-	-	-	-
 Permit Issuances	Inactive	-	-	-	-

ArcGIS Web Map

- Existing Stream - 1,349 LF
- Existing Pond to be Restored - 8,933 SF
- Pasture - 40,433 SF
- Orchard - 43,495 SF
- Existing Dam in Disrepair / Pasture Access - 1 EA



- Legend**
- CRCOG Towns
 - Mask
 - Parcel Polygons
 - Street Address
 - Catch_Basins



CRCOG CAPITAL REGION COUNCIL OF GOVERNMENTS
Working together for a better region.

CRCOG makes no claims and no warranties, expressed or implied, concerning the validity or accuracy of the GIS data presented on this map.

Scale
1:2,257
Created: 4/25/2022

