Brooklyn Inland Wetlands Commission Bogular Moeting Aganda

Regular Meeting Agenda

Tuesday, March 14, 2023
Zoom and In-Person Meeting
Clifford B. Green Memorial Center
69 South Main Street
6:00 p.m.

In-Person:	South Mo	in Street Drocklyn CT
Clifford B. Green Meeting Center, Suite 24, 69 S Online:		Go to Zoom.us,
Click link below:	c	lick Sign In
https://us06web.zoom.us/j/82435574137		On the top right, click Join a Meeting
		Enter meeting ID: 824 3557 4137
	E	nter meeting password: 038430
Phone: Dial 1 646 558 8656 US Toll		
Enter meeting number: 824 3557 4137		
Enter meeting password: 038430		
You can bypass attendee number by pressing #		
Call to Order:		
Roll Call:		
Seating of Alternates:		
Public Commentary:		
Additions to Agenda:		
Approval of Minutes		
Regular Meeting Minutes		
Public Hearings: None.		
Old Business: None.		
New Business:		
1. IWWC 23-002 104 Church Street – National Stre	-	Lot 4-3 – Stephanie Turner, owner. New ell and associated grading in the upland

review area.

2. IWWC 23-003 Wolf Den Road – Map 17 Lot 24 – Peter Joyce, owner. Dredging 150 cubic yards of muck from a pond, spreading the spoils in the upland review area and after-the-fact brush and tree removal.					
Communications:					
 Wetlands Agent Monthly Report. Budget Update. 					
Public Commentary:					
Adjourn:					
Richard Oliverson, Chairman					

Regular Meeting Minutes

Tuesday, February 14, 2023 Zoom and In-Person Meeting Clifford B. Green Memorial Center 69 South Main Street 6:00 p.m.

Call to Order: 6:00 pm

Roll Call: Richard Oliverson, Demian Sorrentino, Adam Brindamour, Adam Tucker, Jason

Burgess, James Paquin

Staff Present: Margaret Washburn and Jean Bolin

Seating of Alternates: None

Election of Officers: Demian Sorrentino made a motion for current officers to stay in place, with Richard Oliverson as Chairman and Adam Brindamour as Vice Chairman. James Paquin seconded the motion. Approved 6/0.

Public Commentary: None

Additions to Agenda: None

Approval of Minutes: Regular Meeting Minutes: Approved as written.

Public Hearings: None

Old Business: None

New Business:

1. DR 23-001 Herrick Road – Map 25 Lot 36 – Gray Mare Farms. Request for a Declaratory Ruling. This is a silvicultural treatment to improve forest health by removing trees with disease and die-back, considered a permitted use, as-of-right activity.

Don Dubois of Gray Mare Farms presented this application in person. Mr. Dubois stated that there would be three temporary stream crossings. The crossings would be removed once the project is completed.

James Paquin made a motion to approve this application for **DR 23-001 Herrick Road** – **Map 25 Lot 36** – Gray Mare Farms. Request for a Declaratory Ruling. silvicultural treatment to improve forest health by removing trees with disease and die-back, considered a permitted use, as-of-right activity. Jason Burgess seconded the motion. Approved 6/0.

2. 299 Wolf Den Road – Map 17 Lot 24 – Peter Joyce and Patricia Macanany, owners; Marc Provost, contractor. Show Cause Hearing for dredging a pond without a permit.

Peter Joyce, Patricia Macanany, owners, and Marc Provost, contractor, were in attendance.

Mr. Joyce read aloud a statement as to why he has done the work he did on the property. Mr. Joyce stated he hired Mr. Provost to remove a tree from the pond. Mr. Provost removed the tree and partially dredged the pond without a permit. He wanted to restore the pond back to its original state. Mr. Provost stated he felt that this was permitted as of right.

Mr. Oliverson asked Mr. Joyce if the property would be used for farming?

Mr. Joyce stated that it would not.

Mr. Oliverson clarified that since the property was not being used for farming, it was not a permitted right of use. It is not agriculture.

Mr. Sorrentino mentioned that Mr. Joyce needs to get an after-the-fact permit. Mr. Oliverson, and Mr. Paquin agreed.

Ms. Washburn mentioned that she had previously given Mr. Joyce a sample of the permit he would need to apply for, that he can use for reference to apply for the appropriate permit.

Ms. Washburn also told Mr. Joyce that when he submits the after-the-fact permit that he needs to include on a map where he will spread the spoils that will be dredged from the pond. Peter Joyce and Patricia Macanany agreed to apply for a wetlands permit.

Mr. Sorrentino stated that the permit will be good for five years.

Mr. Paquin made a motion to uphold Cease and Desist Order. Mr. Brindamour seconded the motion. Approved 6/0.

3. IWWC 23-001 40 Tripp Hollow Road – Map 15 Lot 12-5 – John and Karen Filchak, owners; Brandon Longe, contractor. Detached garage in the upland review area. Duly Authorized Agent Approval with Chairman's approval.

Ms. Washburn stated she had performed a site visit and taken photos. She approved the application as a Duly Authorized Agent Approval. No action was needed.

4. DR 23-002 193 Herrick Road – Map 17 Lot 27 and Map 17 Lot 25-3 – Corey Bardsley. Request for a Declaratory Ruling. This is a select management cut to improve forest health by removing dead oak trees for firewood, and by removing old growth to stimulate new growth; this is considered a permitted use, as-of-right activity.

Josh King of 76 Stetson was present and spoke on behalf of this application.

Mr. Sorrentino suggested (not an official condition, just a suggestion) that Mr. King harvest near the vernal pools as soon as possible. Mr. King agreed.

James Paquin made a motion to approve **DR 23-002 193 Herrick Road** – Map 17 Lot 27 and Map 17 Lot 25-3 – Corey Bardsley. Request for a Declaratory Ruling. This is a select management cut to improve forest health by removing dead oak trees for firewood, and by removing old growth to stimulate new growth; this is considered a permitted use, as-of-right activity. Mr. Burgess seconded the motion. Approved 6/0.

Communications:

Budget Update. Mr. Paquin made a motion to endorse the proposed budget. Mr. Tucker seconded the motion. Approved 6/0.

Public Commentary: None

Adjourn:

Mr. Sorrentino made a motion to adjourn at 6:26 pm. Mr. Paquin seconded the motion. Approved 6/0.

Submitted By:

Jean Bolin Recording Secretary

INLAND WETLANDS & WATERCOURSES COMMISSION TOWN OF BROOKLYN, CONECTICUT

Date	03	(minute	01	-	23	
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	Application #	23.	-00	9
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APPLICATION -- INLAND WETLANDS & WATERCOURSES

	Drook
APPLICANT Stephenie Turner MAILING ADDRESS 92 Church Stre	et (
PHONE: CELLY JOO 1 11-2 / X HOME:	e.
E-MAIL turnermovingcompany@gmail.com	
v	
PROPERTY OWNER IF DIFFERENT PHONE: CELL: HOME:	
MAILING ADDRESS EMAIL	
ENCINEED (CHRYDYON (YE 1977)	
A 1 6 '	
Archer Surveying LC ATTORNEY (IF ANY)	
PROPERTY LOCATION/ADDRESS) 104 Church Street Brooklyn, CT O6	234
Map $\#35$ Lot $\#4-3$ Zone 24 Total Acres 1.63 Acres of Wetlands on property 0	08.
PURPOSE AND DESCRIPTION OF THE ACTIVITY	
ALL ACTIVITY IN THE UPLAND PEVIEW AREA - Driveway, SEPTIC SYSTEM, RESIDENTIAL HOME, M	
- Driveway, SEPTIC SYSTEM, RESIDENTIAL HOME IN	11/00
GRADING TOPIC, P.	170010
WETLANDS EXCAVATION AND FILL:	
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TOTAL REGULATED AREA ALTERED: SQ FT ACRES U	
EXPLAIN ALTERNATIVES CONSIDERED (REQUIRED):	
None	
MITICATION MEASURES (IE DECUMED). WEST AND STORES OF THE S	
MITIGATION MEASURES (IF REQUIRED): WETLANDS/WATERCOURSES CREATED: CY JONESQ FT ACRE	ES
S PARCEL LOCATED WITHIN 500FT OF AN ADJOINING TOWN? IF YES, WHICH TOWN(S)	
S THE ACTIVITY LOCATED WITHIN THE WATERSHED OF A WATER COMPANY AS DEFINED IN CT GENERAL STATUT 22A?	ES 25-

THE OWNER AND APPLICANT HEREBY GRANT THE BROOKLYN IWWC, THE BOARD OF SELECTMAN AND THEIR AUTHORIZED AGENTS PERMISSION TO ENTER THE SUBJECT PROPERTY FOR THE PURPOSE OF INSPECTION AND ENFORCEMENT OF THE IWWC REGULATIONS OF THE TOWN OF BROOKLYN. IF THE COMMISSION DETERMINES THAT OUTSIDE REVIEW IS REQUIRED, APPLICANT WILL PAY CONSULTING FEE. NOTE: DETERMINATION THAT THE INFORMATION PROVIDED IS INACCURATE MAY INVALIDATE THE IWWC DECISION AND RESULT IN ENFORCEMENT ACTION. DATE 03-01-23

Thorner DATE 03-01-23 REQUIREMENTS STANDARD APPLICATION FEE \$ (\$150) _____ STATE FEE (\$60) ____ CHECK #____ NOTICE OF ACTION PUBLICATION FEE \$ _____ CHECK # PUBLIC HEARING PUBLICATION FEE (\$100) \$_____ (SUBJECT TO CHANGE DEPENDING ON PAPER) CHECK# SIGNIFICANT ACTIVITY FEE (PUBLIC HEARING) (\$250) \$_____ CHECK # COMPLETION OF CT DEEP REPORTING FORM ORIGINAL PLUS COPIES OF ALL MATERIALS REQUIRED - NUMBER TO BE DETERMINED BY STAFF PRE-APPLICATION MEETING WITH THE WETLANDS AGENT IS RECOMMENDED TO EXAMINE THE SCOPE OF THE **ACTIVITY** SITE PLAN SHOWING LOCATION OF THE WETLANDS WITH EXISTING AND PROPOSED CONDITIONS. APPLICANT MAY BE REQUIRED TO HAVE A CERTIFIED SOIL SCIENTIST IDENTIFY THE WETLANDS. COMPLIANCE WITH THE CONNECTICUT EROSION & SEDIMENTATION CONTROL MANUAL IF THE PROPOSED ACTIVITY IS DEEMED TO BE A "SIGNIFICANT IMPACT ACTIVITY" A PUBLIC HEARING IS REQUIRED ALONG WITH THE FOLLOWING INFORMATION: O NAMES AND ADDRESSES OF ABUTTING PROPERTY OWNERS • ADDITIONAL INFORMATION AS CONTAINED IN IWWC REGULATIONS ARTICLE 7.6 ADDITIONAL INFORMATION/ACTION NEEDED:

OTHER APPLICATIONS MAY BE REQUIRED. CONTACT THESE AGENCIES FOR FURTHER INFORMATION: APPLICATION TO STATE OF CONNECTICUT DEEP

INLAND WATER RESOURCES DIVISION
79 ELM ST.
HARTFORD, CT. 06106
1-860-424-3019

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

F USE ONLY:	
DECLARATORY RULING: AS OF RIGHT & N	ON-REGULATED USES (SEE IWWC REGULATIONS SECT
PERMIT REQUIRED:	
•	ACTIVITY IN WETLANDS/WATERCOURSE AND MINIMAL IN
CHAIR, BROOKLYN IWWC	WETLANDS OFFICER
AUTHORIZED BY IWWC	WEI LANDS OFFICER
SIGNIFICANT ACTIVITY/PU	BLIC HEARING
NO PERMIT REQUIRED	
OUTSIDE OF UPLAND REVIEW AREA	
NO IMPACT	
CHAIR, BROOKLYN IWWC	WETLANDS OFFICER



GIS CODE #: For DEEP Use Only	_
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79 Elm Street • Hartford, CT 06106-5127

www.ct.gov/deep

Affirmative Action/Equal Opportunity Employer

Statewide Inland Wetlands & Watercourses Activity Reporting Form

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

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

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

·	
	PART I: Must Be Completed By The Inland Wetlands Agency
1.	DATE ACTION WAS TAKEN: year: month:
2.	ACTION TAKEN (see instructions, only use one code):
3.	WAS A PUBLIC HEARING HELD (check one)? yes no
4.	NAME OF AGENCY OFFICIAL VERIFYING AND COMPLETING THIS FORM:
	(print name) (signature)
	PART II: To Be Completed By The Inland Wetlands Agency Or The Applicant
5,	TOWN IN WHICH THE ACTION IS OCCURRING (print name): Beookefal
	does this project cross municipal boundaries (check one)? yes \(\square\) no \(\square\)
	if yes, list the other town(s) in which the action is occurring (print name(s)):
6.	LOCATION (see instructions for information): USGS quad name: or number:
	subregional drainage basin number:
7.	NAME OF APPLICANT, VIOLATOR OR PETITIONER (print name): STEPHANIE TVANCE
8.	NAME & ADDRESS / LOCATION OF PROJECT SITE (print information): 92 Heacit 57 10 4 Church S
	briefly describe the action/project/activity (check and print information): temporary permanent description:
9.	ACTIVITY PURPOSE CODE (see instructions, only use one code):
10.	ACTIVITY TYPE CODE(S) (see instructions for codes):,,
	WETLAND / WATERCOURSE AREA ALTERED (must provide acres or linear feet):
	wetlands: acres open water body: acres stream: linear feet
12	. UPLAND AREA ALTERED (must provide acres): acres
	. AREA OF WETLANDS / WATERCOURSES RESTORED, ENHANCED OR CREATED (must provide acres):
D,	ATE RECEIVED: PART III: To Be Completed By The DEEP DATE RETURNED TO DEEP:
F	ORM COMPLETED: YES NO FORM CORRECTED / COMPLETED: YES NO



NORTHEAST DISTRICT DEPARTMENT OF HEALTH

69 South Main Street , Unit 4 , Brooklyn, CT 06234 Phone (860) 774-7350 , Fax (860) 774-1308 , Web Site www.nddh.org

February 27, 2023

John & Sarah, Elaine & John & Stephanie Turner 92 Church Street Brooklyn, CT 06234

SUBJECT: FILE #22000324 -- CHURCH STREET #104, MAP #35, LOT #4-3, BROOKLYN, CT

Dear John & Sarah, Elaine & John & Stephanie Turner:

The subject plan (ARCHER SURVEYING LLC, TURNER, PROJ#AS2206, DRAWN 02/20/2023) submitted on 2/23/2023 has been reviewed, as requested. Following completion of this review, it has been determined that the subject plan will meet the requirements of the Technical Standards for a 2-bedroom house based on the following:

- 1. CT licensed surveyor must stake house, well, benchmark, and septic system, offset stakes to include flow line or bottom of trench elevation.
- 2. Permanent benchmark to be set within 50 feet horizontally and 12 feet vertically of septic system.
- 3. A bottom of excavation inspection is required once the topsoil has been removed.
- 4. A current sieve analysis of select fill material (within past 30 days) must be submitted to the Northeast District Department of Health (NDDH).
- 5. Select fill is to be perced once in place.
- 6. NDDH to conduct walk-thru of house to confirm bedroom count.

This letter is NOT to be construed as an APPROVAL TO CONSTRUCT the septic system and DOES NOT indicate that the Northeast District Department of Health endorses approval for issuance of any building permit.

Prior to the start of construction of the septic system, you must apply for your Approval to Construct Permit and submit the applicable fees to this office. A set of the floor plans of your house must be submitted to NDDH for review. Your CT licensed installer must come in to this department to sign for the permit if we do not have his signature on file. Office hours are Mon - Thurs 8 am - 4 pm, Fri 8 am - Noon.

THE OWNER IS RESPONSIBLE TO SEEK PROPER AUTHORIZATION FROM ALL TOWN AGENCIES PRIOR TO START OF CONSTRUCTION.

Should you have any questions, please do not hesitate to contact this office.

Sincerely,

Donovan Moe, EHS

Donara More

Environmental Health Specialist ~ NDDH

cc: Brooklyn Building Official; Archer Surveying; Alec Baribeau

APPROVAL TO CONSTRUCT OR REPAIR SEWAGE DISPOSAL SYSTEM

NORTHEAST DISTRICT DEPARTMENT OF HEALTH

69 SOUTH MAIN STREET UNIT 4

BROOKLYN, CT 860-774-7350

Approval is hereby granted for the construction/repair of a sewage disposal system at the property described below:

FILE # 22000324

MAP #35 LOT #4-3

TOWN: BROOKLYN

INSTALLER: ALEC BARIBEAU

STREET: 104 CHURCH STREET

CT LIC #6409

EXPIRES: 11/30/2023

PROPERTY OWNER: JOHN & SARAH TURNER; ELAINE & JOHN TURNER; STEPHANIE TURNER

Residential: No. of Bedrooms: 2 Non-Residential: Design Flow: 0 Gallons Per Day (GPD)

INSTRUCTIONS FOR INSTALLER

- 1. Construction plot plan submitted and approved by this office must be adhered to.
- 2. This office must be contacted for approval if any change is going to be made in the system location, size or design, or any changes in house, well or property line locations.
- 3. Any NEW sewage disposal system must conform to ALL requirements of Section 19-13-BI03 of the CT Public Health Code.
- 4. ALL new construction to be under DIRECT supervision of a CT licensed installer under Section 20-341 of the CT General Statutes.
- 5. The installer is RESPONSIBLE for VERIFYING LOCATIONS of PROPERTY LINES, WELLS, and BURIED UTILITY LINES prior to construction.
- 6. Installer to notify N.D.D.H. 24 hours, in advance, prior to the start of construction.
- 7. Installer to have septic tank covers removed at the time of inspection.

SPECIFIC INSTRUCTIONS:

- Install per approved plot plan (Drawn by: Archer Surveying, LLC., Job #AS-2206 Dated: 02/20/2023)
- CT licensed surveyor must stake house, well; benchmark, and septic system, offset stakes to include flowline or bottom of trench elevations.
- Permanent benchmark to be set within 15 feet of septic system.
- Provide a new 1,000-gallon two compartment septic tank with outlet baffle filter.
- Install 385 square feet of effective leaching area consisting of 1 35' long trench of Eljen Mantis 536-8.
- Max depth into grade is not to exceed 0" inches. Bottom of system to be 6" above existing grade.
- A current sieve analysis of select fill material (within past 30 days) must be submitted to NDDH.
- Select fill material is to be perced once in place.
- Licensed installer to schedule and be present for final inspection with NDDH staff and have level set up so that elevations may be verified.
- An engineer's/surveyor's as-built drawing (to include ties to the house) is to be submitted following the final inspection and approval of installation by NDDH.
- Installer's completed checklist to be submitted to NDDH as required.

GRANTED BY: Donoica Mae Donovan Moe
Marry Carry RS

DATE ISSUED: 02/24/2023

ONE RENEWAL: / /_

EXPIRES: 02/24/2024

EXPIRES: / /

THIS PERMIT IS VALID FOR A PERIOD OF ONE YEAR FROM DATE OF ISSUE. IN ACCORDANCE WITH THE CT PUBLIC HEALTH CODE SECTION 19-13-BIO3e(F)(I). ONE RENEWAL IS POSSIBLE PROVIDED NDDH IS NOTIFIED PRIOR TO THE EXPIRATION DATE NOTED ABOVE. IF PERMIT EXPIRES, INSTALLERS ARE CHANGED, OR ANY OTHER DEVIATION FROM THE ORIGINAL PERMIT, A NEW APPLICATION MUST BE COMPLETED AND ALL APPLICABLE FEES MUST BE PAID.

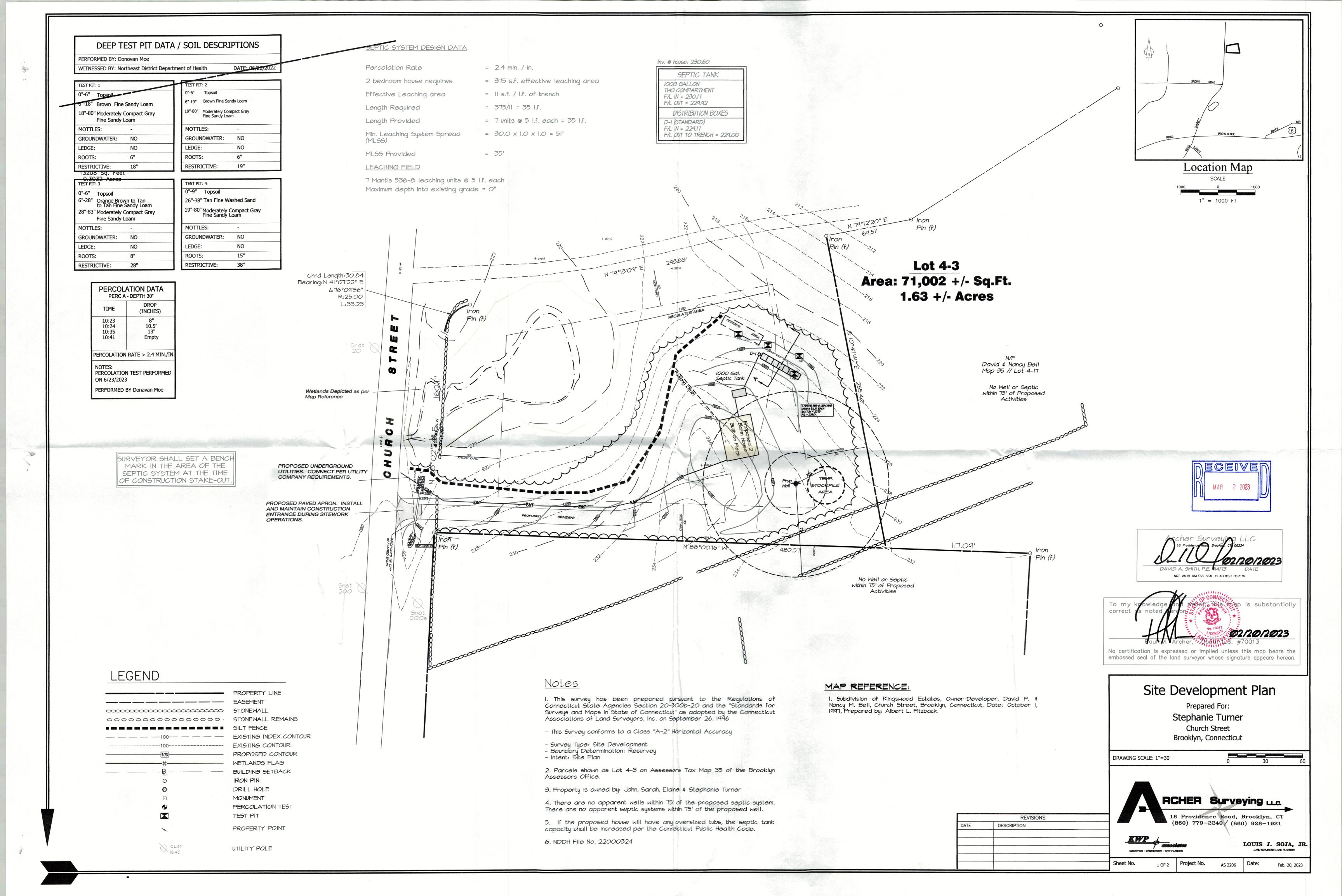
Dear Margaret,

Paul Archer informed me this morning that he sent you an email explaining that the soil scientist has yet to flag the wetlands, but he has assured me that it will be ready for the meeting on March 14th and that I can hand in everything else in the meantime to meet the deadline. I wanted to confirm that again as I submit all other requirements which you will find in this package, just so we are all on the same page.

Sincerely,

Stephanie Turner





EROSION AND SEDIMENT CONTROL PLAN:

REFERENCE IS MADE TO:

- I. Connecticut Guidelines for Soil Erosion and Sediment Control 2002 (2002 Guidelines).
- 2. Soil Survey of Windham County Connecticut, U.S.D.A. Soil Conservation Service 1983.

DEVELOPMENT SCHEDULE: (Individual Lots):

- 1. Prior to any work on site, the limits of disturbance shall be clearly flagged in the field by a Land Surveyor, licensed in the State of Connecticut. Once the limits of clearing are flagged, they shall be reviewed and approved by an agent of the Town.
- 2. Install and maintain erosion and sedimentation control devices as shown on these plans. All erosion control devices shall be inspected by an agent of the Town. Any additional erosion control devices required by the Town's Agent shall be installed and inspected prior to any construction on site. (See silt fence installation notes.)

3. Install construction entrance.

- 4. Construction will begin with clearing, grubbing and rough grading of the proposed site. The work will be confined to areas adjacent to the proposed building, septic system and driveway. Topsoil will be stockpiled on site and utilized during final grading.
- 5. Begin construction of the house, septic system and well.
- 6. Disturbed areas shall be seeded and stabilized as soon as possible to prevent erosion.
- 7. The site will be graded so that all possible trees on site will be saved to provide buffers to adjoining

DEVELOPMENT CONTROL PLAN:

- 1. Development of the site will be performed by the individual lot owner, who will be responsible for the installation and maintenance of erosion and sediment control measures required throughout construction.
- 2. The sedimentation control mechanisms shall remain in place from start of construction until permanent vegetation has been established. The representative for the Town will be notified when sediment and erosion control structures are initially in place. Any additional soil & erosion control measures requested by the Town or its agent, shall be installed immediately. Once the proposed development, seeding and planting have been completed, the representative shall again be notified to inspect the site. The control measures will not be removed until this inspection is complete.
- 3. All stripping is to be confined to the immediate construction area. Topsoil shall be stockpiled so that slopes do not exceed 2 to 1. A hay bale sediment barrier is to surround each stockpile and a temporary vegetative cover shall be provided.
- 4. Dust control will be accomplished by spraying with water and if necessary, the application of calcium
- 5. The proposed planting schedule is to be adhered to during the planting of disturbed areas throughout the proposed construction site.
- 6. Final stabilization of the site is to follow the procedures outlined in "Permanent Vegetative Cover". If necessary a temporary vegetative cover is to be provided until a permanent cover can be applied.

SILT FENCE INSTALLATION AND MAINTENANCE:

- 1. Dig a 6" deep trench on the uphill side of the barrier location.
- 2. Position the posts on the downhill side of the barrier and drive the posts 1.5 feet into the ground.
- 3. Lay the bottom 6" of the fabric in the trench to prevent undermining and backfill.
- 4. Inspect and repair barrier after heavy rainfall.
- 5. Inspections will be made at least once per week and within 24 hours of the end of a storm with a rainfall amount of 0.5 inch or greater to determine maintenance needs.
- 6. Sediment deposits are to be removed when they reach a height of I foot behind the barrier or half the height of the barrier and are to be deposited in an area which is not regulated by the inland wetlands
- 7. Replace or repair the fence within 24 hours of observed failure. Failure of the fence has occurred when sediment fails to be retained by the fence because:
- the fence has been overtopped, undercut or bypassed by runoff water, the fence has been moved out of position (knocked over), or

HAY BALE INSTALLATION AND MAINTENANCE:

- the geotextile has decomposed or been damaged.

- 1. Bales shall be placed as shown on the plans with the ends of the bales tightly abutting each other.
- 2. Each bale shall be securely anchored with at least 2 stakes and gaps between bales shall be wedged with straw to prevent water from passing between the bales.
- 3. Inspect bales at least once per week and within 24 hours of the end of a storm with a rainfall amount of 0.5 inches or greater to determine maintenance needs.
- 4. Remove sediment behind the bales when it reaches half the height of the bale and deposit in an area
- which is not regulated by the Inland Wetlands Commission.
- 5. Replace or repair the barrier within 24 hours of observed failure. Failure of the barrier has occurred when sediment fails to be retained by the barrier because: - the barrier has been overtopped, undercut or bypassed by runoff water,
- the barrier has been moved out of position, or - the hay bales have deteriorated or been damaged.

TEMPORARY VEGETATIVE COVER:

SEED SELECTION

Grass species shall be appropriate for the season and site conditions. Appropriate species are outlined in Figure TS-2 in the 2002 Guidelines.

TIMING CONSIDERATIONS

Seed with a temporary seed mixture within 7 days after the suspension of grading work in disturbed areas

where the suspension of work is expected to be more than 30 days but less than I year. SITE PREPARATION

Install needed erosion control measures such as diversions, grade stabilization structures, sediment basins and grassed waterways

Grade according to plans and allow for the use of appropriate equipment for seedbed preparation, seeding,

SEEDBED PREPARATION

mulch application, and mulch anchoring.

Loosen the soil to a depth of 3-4 inches with a slightly roughened surface. If the area has been recently loosened or disturbed, no further roughening is required. Soil preparation can be accomplished by tracking with a bulldozer, discing, harrowing, raking or dragging with a section of chain link fence. Avoid excessive compaction of the surface by equipment traveling back and forth over the surface. If the slope is tracked, the cleat marks shall be perpendicular to the anticipated direction of the flow of surface water.

If soil testing is not practical or feasible on small or variable sites, or where timing is critical, fertilizer may be applied at the rate of 300 pounds per acre or 7.5 pounds per 1,000 square feet of 10-10-10 or equivalent. Additionally, lime may be applied using rates given in Figure TS-1 in the 2002 Guidelines.

Apply seed uniformly by hand cyclone seeder, drill, cultipacker type seeder or hydroseeder at a minimum rate for the selected species. Increase seeding rates by 10% when hydroseeding.

Temporary seedings made during optimum seeding dates shall be mulched according to the recommendations in the 2002 Guidelines. When seeding outside of the recommended dates, increase the application of mulch to provide 95%-100% coverage.

MAINTENANCE

Inspect seeded area at least once a week and within 24 hours of the end of a storm with a rainfall amount of 0.5 inch or greater for seed and mulch movement and rill erosion.

Where seed has moved or where soil erosion has occurred, determine the cause of the failure. Repair eroded areas and install additional controls if required to prevent reoccurrence of erosion.

Continue inspections until the grasses are firmly established. Grasses shall not be considered established until a ground cover is achieved which is mature enough to control soil erosion and to survive severe weather conditions (approximately 80% vegetative cover).

PERMANENT VEGETATIVE COVER:

Refer to Permanent Seeding Measure in the 2002 Guidelines for specific applications and details related to the installation and maintenance of a permanent vegetative cover. In general, the following sequence of operations shall apply:

- I. Topsoil will be replaced once the excavation and grading has been completed. Topsoil will be spread at a minimum compacted depth of
- 2. Once the topsoil has been spread, all stones 2" or larger in any dimension will be removed as well as debris.

rate of 300 lbs. per acre or 7.5 lbs. per 1000 s.f. Work lime and

- 3. Apply agricultural ground limestone at a rate of 2 tons per acre or 100 lbs. per 1000 s.f. Apply 10-10-10 fertilizer or equivalent at a
- 4. Inspect seedbed before seeding. If traffic has compacted the soil, retill compacted areas.
- Apply the chosen grass seed mix. The recommended seeding dates are: April 1 to June 15 & August 15 - October 1.
- 6. Following seeding, firm seedbed with a roller. Mulch immediately following seeding. If a permanent vegetative stand cannot be established by September 30, apply a temporary cover on the

EROSION AND SEDIMENT CONTROL NARRATIVE:

PRINCIPLES OF EROSION AND SEDIMENT CONTROL

topsoil such as netting, mat or organic mulch.

fertilizer into the soil to a depth of 4".

The primary function of erosion and sediment controls is to absorb erosional energies and reduce runoff velocities that force the detachment and transport of soil and/or encourage the deposition of eroded soil particles before they reach any sensitive area.

KEEP LAND DISTURBANCE TO A MINIMUM

The more land that is in vegetative cover, the more surface water will infiltrate into the soil, thus minimizing stormwater runoff and potential erosion. Keeping land disturbance to a minimum not only involves minimizing the extent of exposure at any one time, but also the duration of exposure. Phasing, sequencing and construction scheduling are interrelated. Phasing divides a large project into distinct sections where construction work over a specific area occurs over distinct periods of time and each phase is not dependent upon a subsequent phase in order to be functional. A sequence is the order in which construction activities are to occur during any particular phase. A sequence should be developed on the premise of "first things first" and "last things last" with proper attention given to the inclusion of adequaté erosion and sédiment control measures. A construction schedule is a sequence with time lines applied to it and should address the potential overlap of actions in a sequence which may be in conflict

- Limit areas of clearing and grading. Protect natural vegetation from construction equipment with fencing, tree armoring, and retaining walls or tree wells.
- Route traffic patterns within the site to avoid existing or newly planted vegetation.
- Phase construction so that areas which are actively being developed at any one time are minimized and only that area under construction is exposed. Clear only those areas essential for construction.
- Sequence the construction of storm drainage systems so that they are operational as soon as possible during construction. Ensure all outlets are stable before outletting storm drainage flow into
- Schedule construction so that final grading and stabilization is completed as soon as possible.

Detachment and transport of eroded soil must be kept to a minimum by absorbing and reducing the erosive energy of water. The erosive energy of water increases as the volume and velocity of runoff increases. The volume and velocity of runoff increases during development as a result of reduced infiltration rates caused by the removal of existing vegetation, removal of topsoil, compaction of soil and the construction of impervious surfaces.

- Use diversions, stone dikes, silt fences and similar measures to break flow lines and dissipate storm water energy.
- Avoid diverting one drainage system into another without calculating the potential for downstream flooding or erosion.

KEEP CLEAN RUNOFF SEPARATED

Clean runoff should be kept separated from sediment laden water and should not be directed over disturbed areas without additional controls. Additionally, prevent the mixing of clean off-site generated runoff with sediment laden runoff generated on-site until after adequate filtration of on-site waters has occurred.

- Segregate construction waters from clean water.
 - Divert site runoff to keep it isolated from wetlands, watercourses and drainage ways that flow through or near the development until the sediment in that runoff is trapped or detained.

REDUCE ON SITE POTENTIAL INTERNALLY AND INSTALL PERIMETER

While it may seem less complicated to collect all waters to one point of discharge for treatment and just install a perimeter control, it can be more effective to apply internal controls to many small sub-drainage basins within the site. By reducing sediment loading from within the site, the chance of perimeter control failure and the potential off-site damage that it can cause is reduced. It is generally more expensive to correct off-site damage than it is to install proper internal controls.

- Control erosion and sedimentation in the smallest drainage area possible. It is easier to control erosion than to contend with sediment after it has been carried downstream and deposited in unwanted areas.
- Direct runoff from small disturbed areas to adjoining undisturbed vegetated areas to reduce the potential for concentrated flows and increase settlement and filtering of sediments.
- Concentrated runoff from development should be safely conveyed to stable outlets using rip rapped channels, waterways, diversions, storm drains or similar measures.

Determine the need for sediment basins. Sediment basins are required on larger developments where major grading is planned and where it is impossible or impractical to control erosion at the source. Sediment basins are needed on large and small sites when sensitive areas such as wetlands, watercourses, and streets would be impacted by off-site sediment deposition. Do not locate sediment basins in wetlands or permanent or intermittent watercourses. Sediment basins should be located to intercept runoff prior to its entry into the wetland or watercourse.

Grade and landscape around buildings and septic systems to divert water away from them.

SEPTIC SYSTEM CONSTRUCTION NOTES

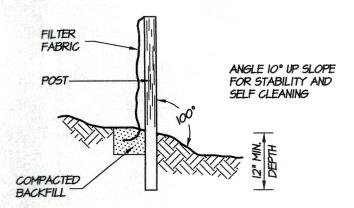
- I. The building, septic system and well shall be accurately staked in the field by a licensed Land Surveyor in the State of Connecticut, prior to construction.
- 2. Topsoil shall be removed and in the area of the primary leaching field scarified, prior to placement of septic fill. Septic fill specifications are as follows:

- Max. percent of gravel (material between No. 4 \$ 3 inch sieves) = 45%

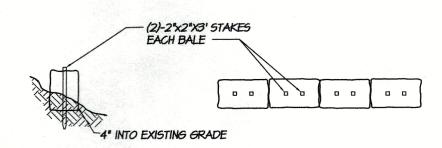
GRADATION OF FILL (MINUS GRAVEL)

<u>SIZE</u> (<u>WET SIEVE</u>) (DRY <u>SIEVE</u>) No. 4 100% 100%			
No. 10 70% - 100% 70% - 100% No. 40 10% - 50% 10% - 75% No. 100 0% - 20% 0% - 5%			PERCENT PASSING (DRY SIEVE)
No. 40	No. 4	100%	100%
No. 100 0% - 20% 0% - 5%	No. 10	70% - 100%	70% - 100%
	No. 40	10% - 50%	10% - 75%
No. 200	No. 100	0% - 20%	0% - 5%
	No. 200	0% - 5%	0% - 2.5%

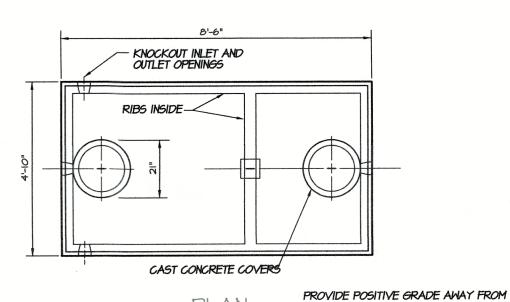
- Fill material shall be approved by the sanitarian prior to placement. It shall be compacted in 6" lifts and shall extend a minimum of ten feet (10') beyond the last leaching trench before tapering off.
- 3. Septic tank shall be two compartment precast 1000 gallon tank with gas deflector and outlet filter as manufactured by Jolley Precast,
- 4. Distribution boxes shall be 4 hole precast concrete as manufactured by Jolley Precast, Inc. or equal.
- 5. All precast structures such as septic tanks, distribution boxes, etc. shall be set level on six inches (6") of compacted gravel base at the elevations specified on the plans.
- 6. Solid distribution pipe shall be 4" diameter PVC meeting ASTM D-3034 SDR 35 with compression gasket joints. It shall be laid true to the lines and grades shown on the plans and in no case have a slope less than 0.125 inches per foot.
- 7. Perforated distribution pipe shall be 4" diameter PVC meeting ASTM D-2729 or ASTM D-3350, 1500 lb. minimum crush.
- 8. Sewer pipe from the foundation wall to the septic tank shall be schedule 40 PVC meeting ASTM D 1785. It shall be laid true to the grades shown on the plans and in no case shall have a slope less than 0.25 inches per foot.
- 9. Force main pressure pipe from pump chamber to the leaching field shall be 2" diameter pvc meeting ASTM D 2241 SDR 21.
- 10. Solid footing drain outlet pipe shall be 4" Diameter PVC meeting ASTM D 3034, SDR 35 with compression gasketed joints. Footing drain outlet pipe shall not be backfilled with free draining material, such as gravel, broken stone, rock fragments, etc.

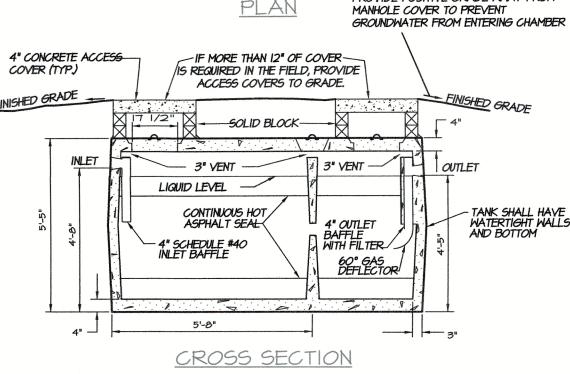




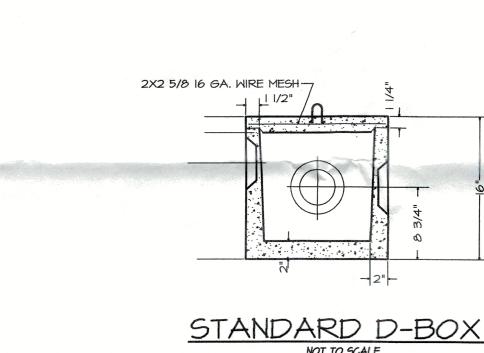


HAYBALE BARRIER NOT TO SCALE

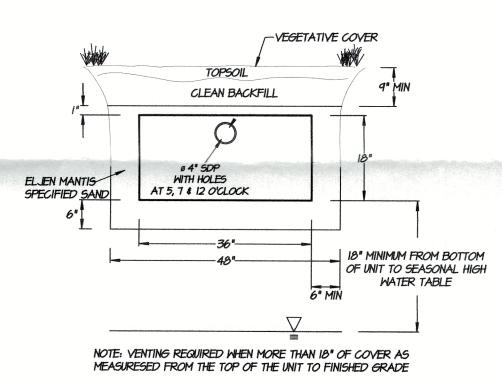




1000 GALLON NOT TO SCALE



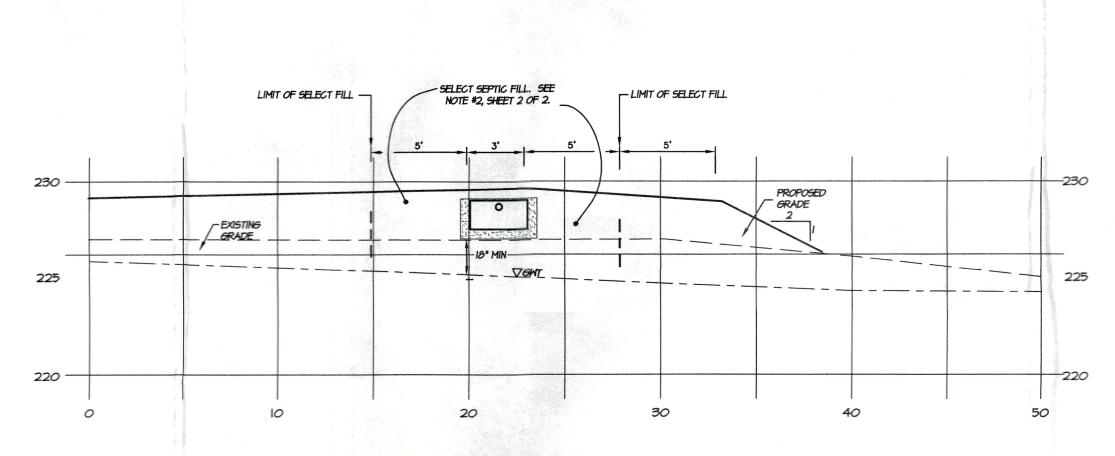
DESCRIPTION



MANTIS 536-8 INSTALLATION

CONSTRUCTION ENTRANCE

NOT TO SCALE



CROSS SECTION "A-A" SCALE: I" = 5'

Site Development Plan "Detail Sheet"

> Prepared For: Stephanie Turner Church Street Brooklyn, Connecticut

REVISIONS 18 Providence Road, Brooklyn, CT (860) 779-2240 / (860) 928-1921

DRAWING SCALE: 1"=30'

LOUIS J. SOJA, JR.

2 OF 2

Date:

Project No.

AS 2206

Feb. 20, 2023

Closed 2/23/23



Brooklyn Land Use Department

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

(860) 7/9-3411 x 31
Inland Wetlands Zoning Enforcement Blight Enforcement
SITE INSPECTION NUMBER 1 2 3 4 5
104 Church Street Feb. 21,2023
Address
This inspection report serves as
a Cease and Desist Order.
The owners and all contractors are
hereby ordered to immediately
cease and Desist from all
site work. No permits have
been issued by the Town of Brooklyn
for any site work or construction
Ton this site.
The fine for a wetlands violation is
\$1,000.00 per day. The fine for a
Zoning violation is \$ 150.00 per day.
Commission Representitive Margaret Washburn
Owner or Authorized Signature
THE STATE OF THE S





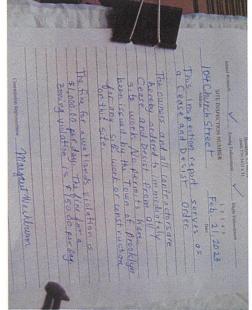




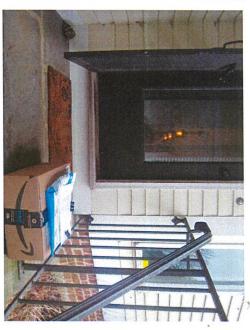


















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Brooklyn Land Use Department

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

Inland Wetlands Zoning Enforcement	nt Blight Enforcement
SITE INSPECTION NUMBER	1 2 3 4 5
104 Church St	2/22/23
104 Church St Address	Date
I met John Turne	r. Paul archer had
the the Health Departm	r. Paul archer had rent doperc tests.
•	
This lot was mad	d on the east side.
to add in one lan	I on the east side.
To a a a model to the	
John says all they d	id was cut dead ash work",
Jacob de d'un cite	work"
70000000 110 310	
John Says Scott 1	Lee is the builder.
John Says Scott 1 Scott Lee dug th	e holes for the
conotubes before he	2 met with me and
Lisa	V • • • • • • • • • • • • • • • • • • •
m	Washburn
Commission Representative	V VV V V V V V V V V V V V V V V V V V
Owner or Authorized Signature	

INLAND WETLANDS & WATERCOURSES COMMISSION TOWN OF BROOKLYN, CONECTICUT

TOWN OF BRO	OOKLYN, CONECTICUT		
Date	Application	# IWWC	23-00
APPLICATION INLAND	O WETLANDS & WATERCO	DURSES	
APPLICANTPETER JOYCEBROOKLYN, CT 062334	MAILING ADDRESS		202
APPLICANT'S INTEREST IN PROPERTY_OWNER HOME:_860-774-8997_	PHONE: CELL _617-549-84	56	****
E-MAILPETERDAVIDJOYCE@GMAIL.COM			
PROPERTY OWNER IF DIFFERENTSAME	PHONE: CELL:	НОМЕ:	
MAILING ADDRESS	EMAIL_		
Engineer/Surveyor (if any)			
PROPERTY LOCATION/ADDRESS)OPEN FIELD OPPOBROOKLYN	TOTAL ACRES10 ACRES OF VESTORATION OF A HAY FIELD BY REMODELEN TREE FROM STOCK POND WITHGIT EXTINCTION BY ACCUMULATION OF ED OVER 50 YEARS AGO AS A WATER SOLUNDED BY FENCING AND HAS ACCESS IX 65FT ON SOUTH SIDE X 152FT ON EAD OF POND IS APPROXIMATELY 414FT FOR WEST EDGE OF POND IS 30 FT FROM DISED TO BE DREDGED, APPROXIMATELY	VING NON NATI N THE FIELD AN DECAYING LEAD DURCE FOR ANIM BY GATE ON WO ST X 77FT ON NO ROM SOUTHER I ROAD. APPROXIVED	VE INVASIVE D REMOVAL VES AND MALS SUCH OLF DEN ORTH. N PROPERTY KIMATELY VERALL.
INDICATED ON DRAWING.			

WETLANDS EXCAVATION AND FILL:

FILL PROPOSED _____ CUBIC YDS ____ SQ FT _____

EXCAVATION PROPOSED _ YES ___ CUBIC YDS __150 ___ SQ FT _____

LOCATION WHERE MATERIAL WILL BE PLACED: ON SITE _ YES ___ OFF SITE _____

TOTAL REGULATED AREA ALTERED: SQ FT ____ ACRES .5

IF THE PROPOSED ACTIVITY IS DEEMED	TO BE A "SIGNIFICANT IMPACT ACTIVITY" A PUBLIC HEARING IS							
REQUIRED ALONG WITH THE FOLLOWING INFORMATION:								
 Names and addresses of abutting property owners 								
o Additional Information as contained in IWWC Regulations Article 7.6								
ADDITIONAL INFORMATION/ACTION NEED	PED:							
OTHER APPLICATIONS MAY BE REQUIRED. CONTACT THE APPLICATION TO STATE OF CONNECTICUT DEE								
Inland Water Resources Division	DEPARTMENT OF THE ARMY CORPS OF ENGINEERS							
79 ELM ST.	696 Virginia Road							
HARTFORD, CT. 06106	CONCORD, MA. 01742							
1-860-424-3019	1-860-343-4789							
STAFF USE ONLY:								
DECLARATORY RULING: AS OF RIGHT &	Non-Regulated Uses (see IWWC Regulations Section 4)							
PERMIT REQUIRED:								
AUTHORIZED BY STAFF/CHAIR (N	O ACTIVITY IN WETLANDS/WATERCOURSE AND MINIMAL IMPACT)							
CHAIR, BROOKLYN IWWC	WETLANDS OFFICER							
AUTHORIZED BY IWWC								
SIGNIFICANT ACTIVITY/	Public Hearing							
NO PERMIT REQUIRED								
OUTSIDE OF UPLAND REVIEW ARE	A							
NO IMPACT								
CHAIR, BROOKLYN IWWC	WETLANDS OFFICER							
TIMBER HARVEST								



RECEIVED

GIS CODE #: ____ For DEEP Use Only

MAR 6 - 2023

79 Elm Street • Hartford, CT 06106-5127

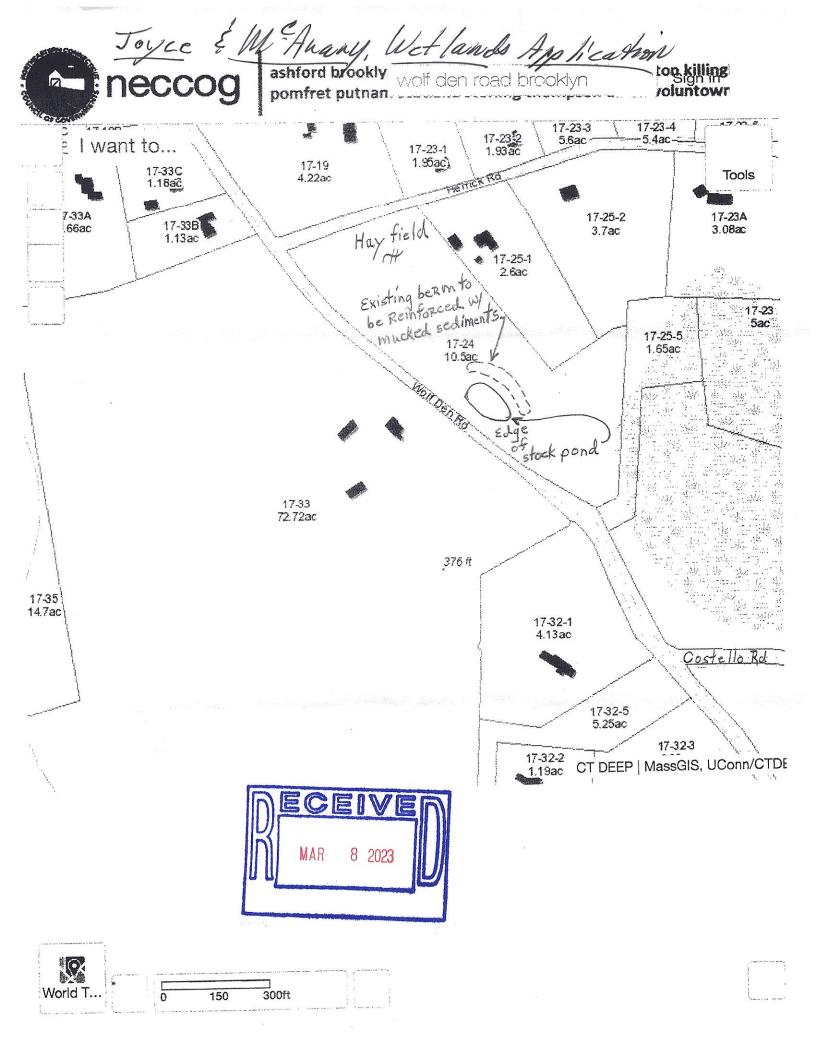
www.ct.gov/deep

Affirmative Action/Equal Opportunity Employer

Statewide Inland Wetlands & Watercourses Activity Reporting Form

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

	PART I: To Be Completed By the Municipal Inland Wetlands Agency Only				
1.	DATE ACTION WAS TAKEN (enter one year and month): Year Month				
2.	ACTION TAKEN (enter one code letter):				
3.	WAS A PUBLIC HEARING HELD (check one)? Yes No				
4.	NAME OF AGENCY OFFICIAL VERIFYING AND COMPLETING THIS FORM:				
	(type name) (signature)				
	PART II: To Be Completed By the Municipal Inland Wetlands Agency or the Applicant				
5.	TOWN IN WHICH THE ACTION IS OCCURRING (type name):				
	Does this project cross municipal boundaries (check one)? Yes No				
E,	If Yes, list the other town(s) in which the action is occurring (type name(s)):,				
6.	LOCATION (see directions for website information): USGS Quad Map Name: 43 or Quad Number: 43				
	Subregional Drainage Basin Number: **** *************************				
7.	NAME & ADDRESS/LOCATION OF PROJECT SITE (type information): Peler Lyce Promon Mc Andrew NAME & ADDRESS/LOCATION OF PROJECT SITE (type information): WOIF Den Rd Herrick				
8.	NAME & ADDRESS/LOCATION OF PROJECT SITE (type information): WOIF Den Re/ Herrick				
	Briefly describe the action/project/activity (check and type information): Temporary Permanent				
Special Control	Description: Dredging shock pand & removal of invasion brush in they Field				
9.	ACTIVITY PURPOSE CODE (enter one code letter):				
10.	ACTIVITY TYPE CODE(S) (enter up to four code numbers):				
11.	WETLAND / WATERCOURSE AREA ALTERED (type in acres or linear feet as indicated):				
	Wetlands: acres Open Water Body: acres Stream: linear feet				
12.	UPLAND AREA ALTERED (type in acres as indicated): acres				
13.	AREA OF WETLANDS / WATERCOURSES RESTORED, ENHANCED OR CREATED (type in acres as indicated): acres				
	dolec				
DATE RECEIVED: PART III: To Be Completed By the DEEP DATE RETURNED TO DEEP:					
FO	RM COMPLETED: YES NO FORM CORRECTED / COMPLETED: YES NO				



Inland Wetlands Budget FY23

From Date: 2/1/2023 Fiscal Year: 2022-2023 To Date: ☑ Print accounts with zero balance ☐ Exclude inactive accounts with zero balance

Description Account Number 2/28/2023 FY2223 Adopted with Amount FY2223 Adopted with FΙΕ Amount HE FY2223 Adopted with Amount

	1005.41.4163.56900	1005.41.4163.55500	1005.41.4163.55400	1005.41.4163.53400	1005.41.4163.53200	1005.41.4163.53020	1005.41.4163.51900	Lescription
Grand Total:	Inland Wetlands-Other Supplies	Inland Wetlands-Printing & Publications	Inland Wellands-Advertising & Legal Notices	Inland Wetlands-Professional Services	Inland Wetlands-Professional Affiliations	Inland Wetlands-Legal Fees	Inland Wetlands-Wages-Recording Secretary	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
\$5,885.00	\$0.00	\$120.00	\$500.00	\$500.00	\$65.00	\$3,500.00	\$1,200.00	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
\$5,885.00	\$0.00	\$120.00	\$500.00	\$500.00	\$65.00	\$3,500.00	\$1,200.00	
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
\$5,885.00	\$0.00	\$120.00	\$500.00	\$500.00	\$65.00	\$3,500.00	\$1,200.00	

End of Report