PERMIT APPLICATION

Applicant's Name: NATHALIE BRODNEAD	Date: <u>03-15-2</u>			
Applicant's Name: NATHALIE BRODNEDO Date: 03-15-21 Activity Address: 4 PERKINS ROAD, WASHINGTON CT				
APPLICATION FOR:				
* Regulated activity: 5EE ATTACLED SU	urvey by Berkshine Envindening			
□ Subdivision feasibility: # of lots				
Correction of a violation:				
Permits to correct violations will expire at the end of time the period specified by Commission for remedial action.				
Exemption: see separate form - Application for an Exemption				
Other -specify:				
FOR OFFICE USE ONLY				
Date Submitted: 3-16-21 Received By: S White				
Application #: IW-21-18	IWC Date of Receipt: March 24, 2021			
Fee Paid: 120 Cash X Check# 187	Check date: 1-27-21 By: Atelier D'Architecture			
Date (14 Days from Receipt) 04-7-21	65 Days from Receipt: <u>05-27-2021</u>			
Public Hearing Date:	Continued to:			
Extension Request Date :	Date Extension Ends :			
ACTION TAKEN:				
Application Withdrawn Date:	Comment:			
	Reason:			
☐ IWC Approval Date: ☐ Agent Approv	al Date:			

Please complete the entire form as applicable. Attach supporting documentation. The applicant is responsible for providing all pertinent information and may be required to supply additional information and/or pay for expert consultation, beyond what is outlined on this form. To save time and avoid rejection of an application, read and use the *Inland Wetland and Watercourses Regulations*, Town of Washington and the *Applicant's Guide to Completing and Processing an Application for an Inland Wetlands Permit* before applying.

Applications must be complete* and submitted to the Land Use Office no later than 7 calendar days before the next regular scheduled meeting to allow sufficient time for administrative, public, and commissioner review. The application will be considered at the next regularly scheduled meeting. **Complete** applications submitted to the Land Use Office later than the specified deadline for that meeting, may be added to the agenda at the discretion of the Commission. Consideration of late applications will await preliminary review by the administrative staff as time permits. The schedule of meetings and times is posted at the Town Hall and at www.washingtonCt.org.

*To be considered "complete," the application must include:

- Yellow Mandatory Land Use Pre-Application Form signed by the property owner and if applicable, a letter from conservation easement holder
- All required forms, attachments and authorizations;
- Live (ink) signature(s) of the property owner(s);
- The Statewide Inland Wetlands and Watercourses Activity Reporting Form (Section II completed);
- A check, payable to the Town of Washington, for the **Application Fee** of \$60.00, **plus any other applicable fees from the posted Fee Schedule**, plus the required **State Tax** of \$60.00; **Total fee:** \$120.00.

***ALL PLANS AND DRAWINGS MUST BE FOLDED TO FIT IN LEGAL SIZE FOLDER - UNFOLDED PLANS WILL NOT BE ACCEPTED ***

SE	CTION I: CONTACT INFORMATION		
1)	Name of Owner: JEFF AND TRACY BECK		
2)	Mailing Address: 3 PERKING ROAD		
	City WASHINGTON State: CT Zip: 06777		
3)	Telephone Home: 608 681 384 Cell: 203 807 385		
4)	Email: Tracy. Beck@ oceanpartners. com		
5)	Authorized Agent (attach mandatory written authorization): Attached To this application		
6)	Agent Address: 158 Above all 1d, Waven CT06754 NATURALIE BRODHEAD		
7)	Agent's Home Telephone: (860) 619 805/ Business: (203 509 04 11 (cell)		
8)	Agent's Email: mathalee @ brodhead at elier darchitecture. com		
9)			
	All correspondence, notices, permits shall be sent to: Property Owner Agent CTION II: PROPERTY INFORMATION		
1)			
2)3)	2 = 00		
4)			
5)	Located in a Historic District? Yes No Applicant's Interest in Property (circle one): Owner Developer Option Holder		
٥)	Other (describe): ARCHITECT DESIGNER		
<u>Se</u>	CTION III: PROJECT/ACTIVITY INFORMATION		
1)	Project/Activity Name (e.g. pond dredging, etc.): Construction OF A NEW 3 BEDDOOLS		
出	OUSE WITHNEW SEPTIC WHERE AN OLD SEPTIC AND EXISTING HOME IS.		
2)	If the activity involves the installation or repair of a septic system(s):		
	Has the Health Official approved the plan? XYes INO (FOR ANDW SEPTIC)		
3)	Total Wetland Acres: 0.038 Acre (1684 SF) Disturbed Wetland Acres: 0		
4)	Total Review Acres*: 0.419 Ac. (18 2895F Disturbed Review Acres: 0.078 Ac. (34295F)		
	* The review area is all land within 100 feet of all wetlands soils and watercourses/water bodies. Activities		
bey	ond the 100-foot review area, which have the potential to adversely affect wetlands and watercourses, are		
als	o subject to wetlands jurisdiction and permitting requirements.		
5)	Linear Feet of Watercourse: 75' Linear Feet of Watercourse disturbed:		
6)	Square feet of proposed impervious surfaces (roads, buildings, parking, etc.): 16.5% 4233 5F		
7)	Does this project/activity comply with all applicable zoning regulations? ☐ Yes ☒ No		

SECTION IV: PROJECT NARRATIVE

Atta	ach separate sheet(s) if necessary		
1)	Proposed Activity (detailed description): Removal of the Existing 3 BEDROOM HOUSE, SHED		
	AND WALKWAYS + PATIO. REMOVAL OF THE EXISTING CESS POOL SEPTIC FANK.		
	THE EXISTING DRIVEWAY REMAINS. CONSTRUCTION OF A NEW 3 BEDDOOM		
	HOUSE AND GARAGE, CONSTRUCTION OF A NEW SEPTIC SYSTEM		
	IN NEW LOCATION MURY FROM THE WETLAND AND THE WELL.		
2)	The proposed activity will involve the following within wetlands, a watercourse, and/or a review area:		
	Check all that apply:		
	☐ Alteration ☐ Construction ☐ Pollution ☐ Deposition of Materials For Service		
	🗷 Removal of Materials 🗆 Bridge or Culvert 🗀 Discharge To 💢 Discharge From		
	Other (describe)		
2)	Amount, type, and location of materials to be removed, deposited or stockpiled:		
	REMOVAL OF EXISTING HOUSE, SHED, BRICK WALKWAY. REMOVAL OF		
	OLD CESS pool TANK.		
3)	Description of proposed project, construction work sequence, machinery to be used, & duration of		
	activities: DEMOLITION OF EXISTING HOUSE, BRICK WAIKWAY, SHED . (WEEK		
	REMOVAL OF OLD CESS POOL SEPTIC TANK (2 DAYS)		
	INSTALL + DIG NEW SEPTIC TANK + FIELD (WEEK)		
	CONSTRUCTION OF NEW HOUSE. DIG NEW FOUNDATION, INSTALL		
	NEW DRAWAGE. (10 MONTHS).		
	11. 19. 11		
4)	Describe alternatives considered and why the proposal described herein was chosen: We like the		
	proposed design bayout of this house and garage. The buildable site		
	allowed has a challenging shape, long and nanow. In order To Keep		
	the proposed house of a modest size 20136 We kept the circulation To a		
	minimuly making the house shape more square then longs. The owners would		
	really like a small Two car garage attached to myd room. The Duners brave agreed		
•	really like a small Two car gainge attached to mydroom. The owners have agreed to bifild a new septic away from wetland and well and to keep the lake cleaner than old cess fool touk.		
SE	ECTION V: ADJOINING MUNICIPALITIES & NOTICE		
1)	Check whether any of the following circumstances apply **		
	A portion of the property affected by the decision of the Commission is located within five hundred		
	(500) feet of the boundary of an adjoining municipality. A portion of the sewer or water drainage from the project site will flow through and significantly		
	impact the sewage system within the adjoining municipality.		
	Water run-off from the improved site will impact streets or other municipal or private property within the adjoining municipality.		
**	f any of these situations apply (are checked), the applicant is required to give written notice of his/her		
ap	plication to the Inland Wetlands Agency of the adjoining municipality, on the same day that he/she bmits this application. Notification must be by Certified Mail with Return Receipt Requested.		

SECTION VI: ATTACHMENTS

Please attach the following along with any other pertinent information:

- X 1)An 8.5" x 11" photocopy of the pertinent section of the USGS topographic quadrangle with the property outlined or pinpointed. Note: USGS Topographic Quadrangle Map is available in the Land Use Office.
 - 2)Scale drawings of the project and property that show the project in detail. They should include the following:
 - a. Title block with project name, owner, date, total acres, address, and map drafter.
 - b. North arrow
 - C. Scale bar
 - d. Legend
 - e. Property lines
 - s f. Wetland boundaries
 - g. Watercourses with direction of flow, water depth, & bottom characteristics (if applicable)
 - h. Edge of review area/100' setback.
 - i. Topographic contour lines
 - i. Dimensions and exact locations of proposed activities including material and soil stockpiles, erosion and sedimentation controls, ingress and egress patterns
 - k. Existing and proposed vegetation, including limit of disturbance line.
 - 3) If a Soil Scientist is involved, his/her name, written report, and field sketch. SEE SUNDEY
 - 4) The Commission may, at its discretion, require an A-2 Survey showing wetland boundaries that have been flagged by a Certified Soil Scientist (CSS) and surveyed and plotted by a Licensed Surveyor.

SECTION VII: CONSENT AND SIGNATURE(S)

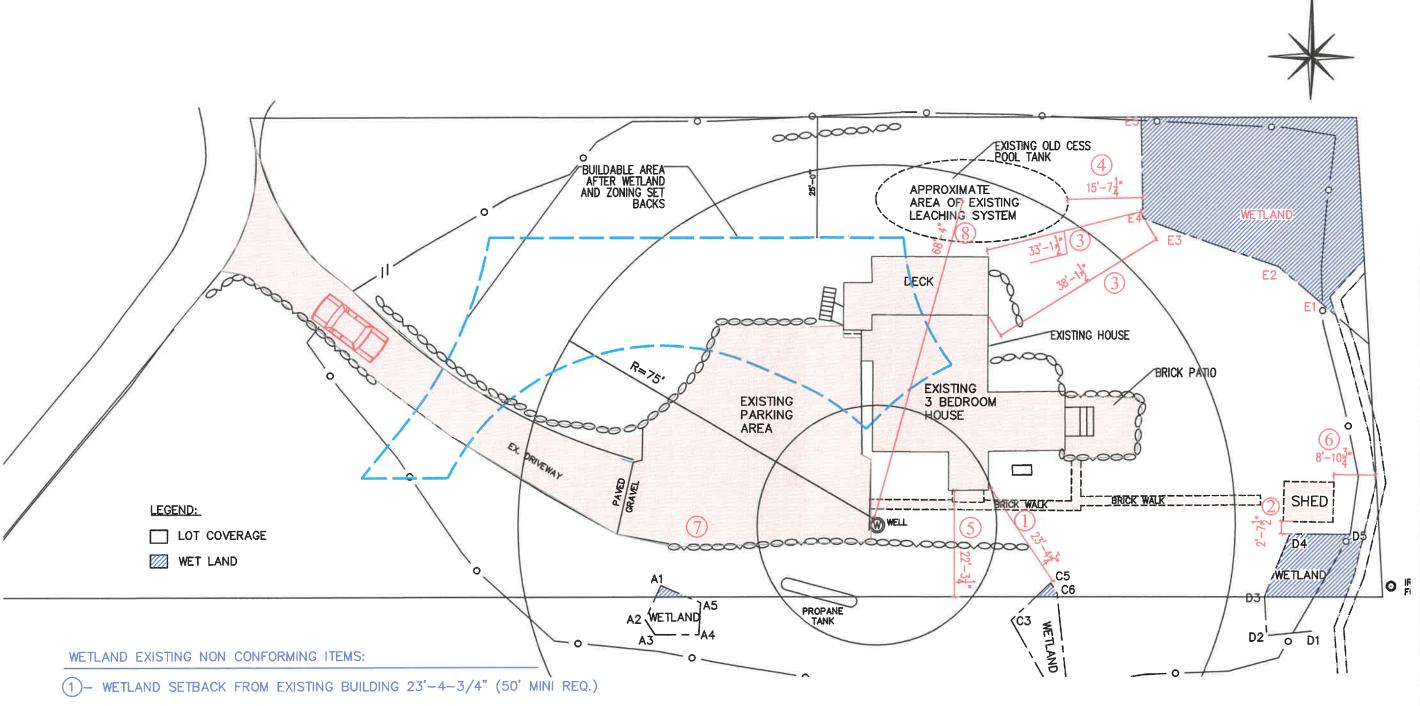
The undersigned, as owner(s) of the property, hereby consents to necessary and proper inspections of the above mentioned property by Commissioners and agents of the Inland Wetlands Commission, Town of Washington, at reasonable times, both before and after a final decision has been issued by the Commission. The undersigned hereby certifies that the information provided in this application, including its supporting documentation, is true and he/she is aware of the penalties provided in Section 22a-376 of the Connecticut General Statutes for knowingly providing false or misleading information.

Print Name of Property Owner			
(SEE FORM Alremoy in File) SIGN Signature of Property Owner (live ink)	Date		
Print Name of Property Owner			
Signature of Property Owner (live ink) IN ORDER TO EXPEDITE THE PERMITTING PROCESS IT IS NEC	Date ESSARY TO FILL OUT ALL SECTIONS OF THIS APPLICATIONS		

TION COMPLETELY.

INCOMPLETE APPLICATIONS CANNOT BE PROCESSED

ALL PLANS AND DRAWINGS MUST BE FOLDED TO FIT IN LEGAL SIZE FOLDER – UNFOLDED PLANS WILL NOT BE ACCEPTED



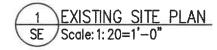
- (2)- WETLAND SETBACK FROM EXISTING SHED 2'-7-1/2" (50' MINI REQ.)
- (3)- WETLAND SETBACK FROM EXISTING HOUSE 38'-1-1/2" & DECK 33'-1-1/2" (50' MINI REQ.)
- 4 WETLAND SETBACK TO EXISTING CESS POOL SEPTIC 15'-7"

ZONING EXISTING NON CONFORMING ITEMS:

- 5 ZONING SETBACK FROM PROPERTY LINE TO EXISTING BUILDING 22'-3-1/4" (25' MIMI REQ.)
- (6) ZONING SETBACK FROM PROPERTY LINE TO EXISTING SHED 8'-10-3/4" (25' MINI REQ.)
- (7) EXISTING LOT COVERAGE 18.8% (MAX 15%). PROPOSED 16.5%

HEALTH EXISTING NON CONFORMING ITEM:

(8) - EXISTING SET BACK FROM WELL TO CESS POOL SEPTIC APR. 68'-4"



Atelier d'Architecture L.L.C. Nathalie Vallier Brodhead Architect D.P.L.G 158 Above all road, Warren CT

ww.brodheadatelierdarchitecture.com

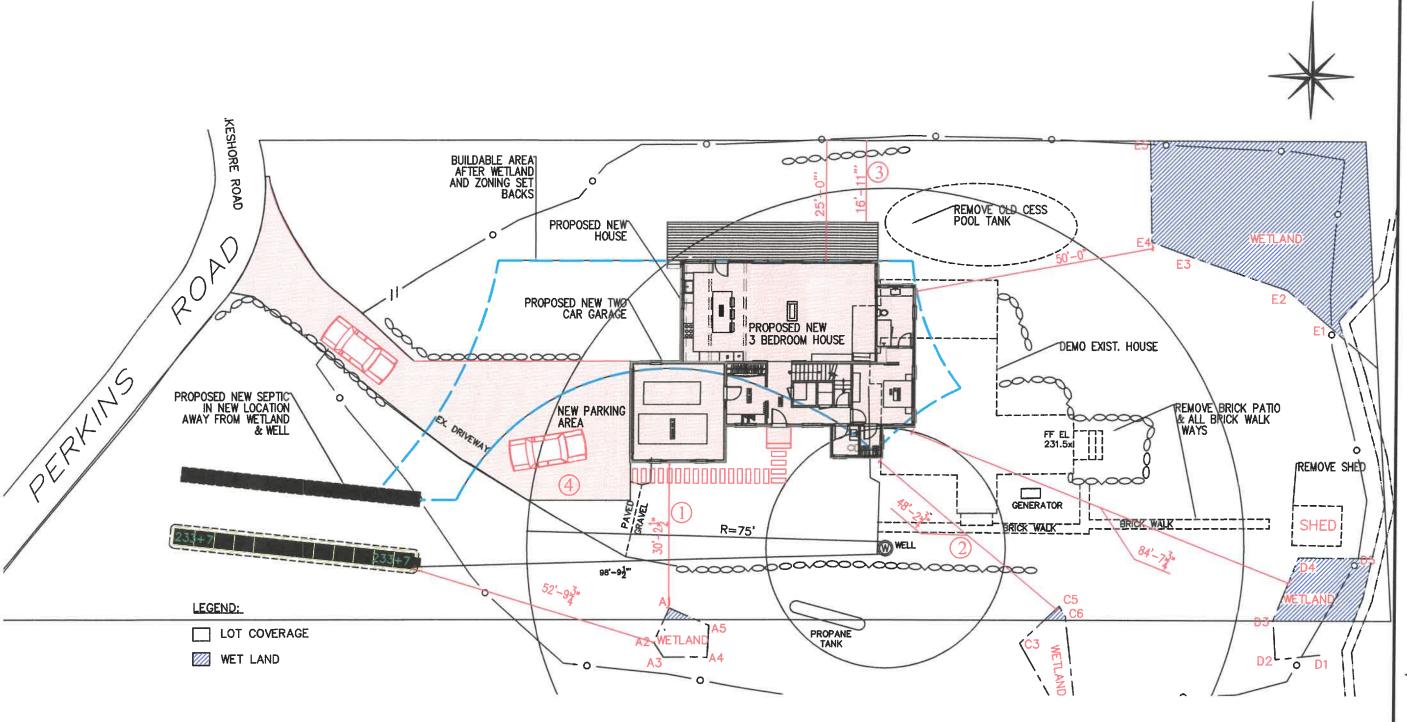
203 509 0411

Tracy & Jeff Beck
| 4 Perkins Road
| Washington, CT

SE NC

EXISTING SITE PLAN WETLAND, ZONING & HEALTH NON CONFORMING

Scale as noted @ 11"x17"

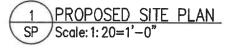


WETLAND PROPOSED NON CONFORMING ITEMS:

- WETLAND SETBACK FROM PROPOSED GARAGE 30'-2-1/2" (50' MINI REQ.)
- WETLAND SETBACK FROM MAIN HOUSE 48'-2-3/4" (50' MINI REQ.)

ZONING PROPOSED NON CONFORMING ITEMS:

- (3) ZONING SETBACK FROM PROPERTY LINE TO NEW DECK 16'-11" (50' MINI REQ.)
- PROPOSED LOT COVERAGE 16.5% (MAX. 15%)



Atelier d'Architecture L.L.C. Nathalie Vallier Brodhead Architect D.P.L.G 58 Above

Beck

Jeff

જ

racy

nathalie@brodheadatelierdarchitecture.comww.brodheadatelierdarchitecture.com

509 0411

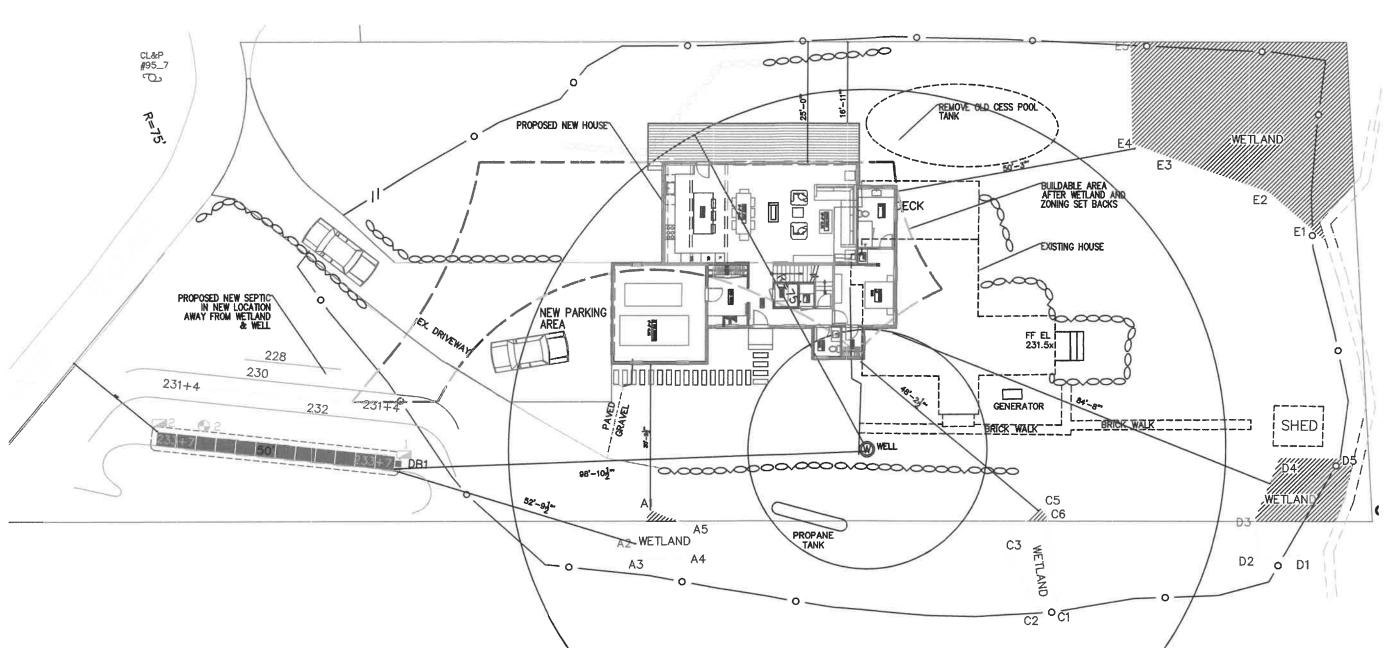
203

4 Perkins Road Washington,CT 03-14-21

PROPOSED SITE PLAN WETLAND & ZONING NON CONFORMING

Scale as noted @ 11"x17"





1 SITE PLAN S1 Scale: 1: 20=1'-0"

Atelier d'Architecture L.L.C. Nathalie Vallier Brodhead Architect D.P.L.G 158 Above all road, Warren CT 203 509 0411 nathalie@brodheadatelierdarchitecture.com www.brodheadatelierdarchitecture.com

Beck

4 Perkins Koad Washington,CT JeffTracy

Road

03-14-21

PROPOSED SITE PLAN

Scale as noted @ 11"x17"



PROPERTY LINE BUILDING SETBACK LINE CHAIN FENCE WOOD FENCE FLAGGED WETLANDS STONE RETAINING WALL STONE WALL DRAINAGE PIPE UTILITY POLE WITH ANCHOR EXISTING MONUMENT EXISTING IRON PIN OR PIPE YARD DRAIN

N/F DAVID & STACEY LENDER ELIZABETH A. RISING VOL 218 / PG. 454 VOL 231 / PG. 5 VOL. 84 / PG. 321 PAVED PARKING S74'00'00"E N/F TRACY BECK & TIMOTHY BECK, WETLAND Δ=54°41'23" TRUSTEES R=36.74' L=35.07' CH=N27*57'37"E 33.75' 0000000 DECK VOL 229 / PG. 60 PROP. 95.2' 0000000 PROPOSED DWELLING N/F CHRISTINE METZ VOL 74 / PG. 198 EX. 64.0' EXIST. 2 STORY DWELLING TO BE REMOVED AREA: 25,656± SQ. FT. 0.589± ACRES GENERATOR - SHED TO BE REMOVED 15.7' N74°00'00"W A2 WETLAND 2.1' SOUTH OF LINE -WALK TO BE REMOVED JOHN CAVALLARO, TRUSTEE VOL 245 / PG. 957 VARIANCES ARE REQUIRED FOR APPROVAL OF THE PROPOSED DWELLING.

1. THIS SURVEY AND MAP HAVE BEEN PREPARED PURSUANT TO THE REGULATIONS OF CONNECTICUT STATE AGENCIES SECTIONS 20-300b-1 THROUGH 20-300b-20 AND THE "STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC. ON SEPTEMBER 26, 1996 AND CONFORMS TO THE STANDARDS OF A CLASS A-2 SURVEY AND IS INTENDED TO DEPICT THE EXISTING AND PROPOSED HOUSE IN RELATION TO THE PROPERTY LINES ONLY.

TYPE OF SURVEY: ZONING LOCATION SURVEY

BOUNDARY DETERMINATION CATEGORY: DEPENDENT RESURVEY

OWNER OF RECORD: JEFFREY BECK, TRUSTEE UNDER THE TRACY BECK 2014 TRUST REFER TO DEED VOLUME 229 PAGE 62 OF THE WASHINGTON LAND RECORDS.

3. REFER TO TOWN CLERK MAPS #190a, #380, #449, #1790 AND #1970 OF THE WASHINGTON

4. PARCEL IS TOGETHER WITH RIGHTS TO PASS AND REPASS, IN COMMON WITH OTHERS OVER PERKINS ROAD.

5. PARCEL IS SUBJECT TO AND TOGETHER WITH AGREEMENT AS DESCRIBED IN DEED VOLUME 102 PAGE 829 OF THE WASHINGTON LAND RECORDS.

6. PARCEL IS SUBJECT TO EASEMENT IN FAVOR OF CONNECTICUT LIGHT & POWER COMPANY AS DESCRIBED IN DEED VOLUME 70 PAGE 482 OF THE WASHINGTON LAND RECORDS.

7. PARCEL IS SUBJECT TO EASEMENTS, COVENANTS AND RESTRICTIONS AS MAY EXIST PER

REFERENCE MAPS AND FILED DEEDS. 8. REFER TO TAX ASSESSORS MAP 12, BLOCK 4, LOT 22.

9. PARCEL IS LOCATED IN ZONE R-3 (LAKE WARAMAUG RESIDENTIAL DISTRICT)

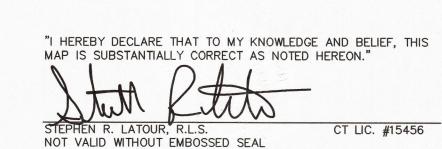
10. WETLANDS IDENTIFIED AND FLAGGED BY GEORGE MALIA, SOIL SCIENTIST AND FIELD LOCATED BY THIS OFFICE.

11. PROPOSED DEVELOPMENT LOT COVERAGE = 16.5%. MAXIMUM ALLOWED = 15.0% (VARIANCE REQUIRED).

ZONING LOCATION SURVEY PREPARED FOR

TRACY AND JEFFREY BECK

4 PERKINS ROAD WASHINGTON, CONNECTICUT



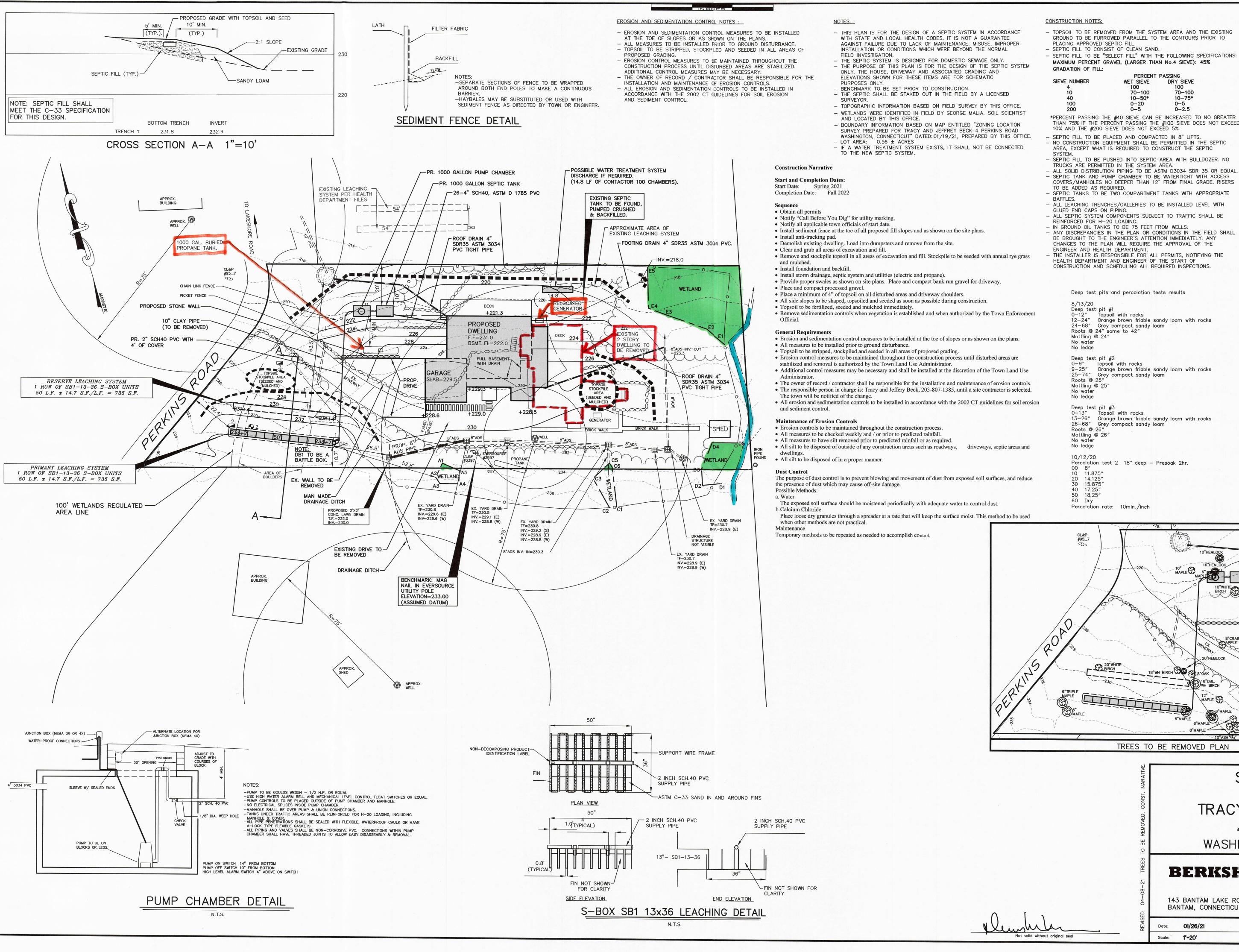
ENGINEERING & BERKSHIRE SURVEYING, LLC (860)567-8007 (860)567-8006(fax) 143 BANTAM LAKE ROAD BANTAM, CONNECTICUT 06750 Map No: 3308/3353 01/19/21

1/1

Drawn By: MS/DZ

1"=20'

Proj. No.: 20-3353-ZLS(1)



- TOPSOIL TO BE REMOVED FROM THE SYSTEM AREA AND THE EXISTING GROUND TO BE FURROWED PARALLEL TO THE CONTOURS PRIOR TO - SEPTIC FILL TO CONSIST OF CLEAN SAND.

- SEPTIC FILL TO BE "SELECT FILL" WITH THE FOLLOWING SPECIFICATIONS: MAXIMUM PERCENT GRAVEL (LARGER THAN No.4 SIEVE): 45%

PERCENT PASSING WET SIEVE 70-100 70-100 10-50*

*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%.

- SEPTIC FILL TO BE PLACED AND COMPACTED IN 8" LIFTS. - NO CONSTRUCTION EQUIPMENT SHALL BE PERMITTED IN THE SEPTIC AREA, EXCEPT WHAT IS REQUIRED TO CONSTRUCT THE SEPTIC

- SEPTIC FILL TO BE PUSHED INTO SEPTIC AREA WITH BULLDOZER. NO TRUCKS ARE PERMITTED IN THE SYSTEM AREA. - ALL SOLID DISTRIBUTION PIPING TO BE ASTM D3034 SDR 35 OR EQUAL. - SEPTIC TANK AND PUMP CHAMBER TO BE WATERTIGHT WITH ACCESS

- SEPTIC TANKS TO BE TWO COMPARTMENT TANKS WITH APPROPRIATE - ALL LEACHING TRENCHES/GALLERIES TO BE INSTALLED LEVEL WITH

- ALL SEPTIC SYSTEM COMPONENTS SUBJECT TO TRAFFIC SHALL BE

BE BROUGHT TO THE ENGINEER'S ATTENTION IMMEDIATELY. ANY CHANGES TO THE PLAN WILL REQUIRE THE APPROVAL OF THE ENGINEER AND HEALTH DEPARTMENT. THE INSTALLER IS RESPONSIBLE FOR ALL PERMITS, NOTIFYING THE GRADE >15% HYDRAULIC FACTOR 24 FLOW FACTOR 1.5 PERCOLATION FACTOR 1.25 MLSS REQUIRED 45' MLSS PROVIDED

MLSS - MINIMUM LEACHING SYSTEM SPREAD

.3

675

735

735

OUT

220.0

218.75

232.9

24"

B

991.5

991+5

⊕ A

10.1-20 MIN./IN

DIRECTION

TO TANK

TO P.C.

TO DB 1

TO TRENCH

DESIGN CRITERIA

NO. OF BEDROOMS

PERCOLATION RATE

HOUSE

DB 1

SEPTIC TANK

LEACHING AREA REQ'D (S.F.)

LEACHING AREA PROV. (S.F.)

RESERVE AREA PROV. (S.F.)

DEPTH TO RESTRICTION

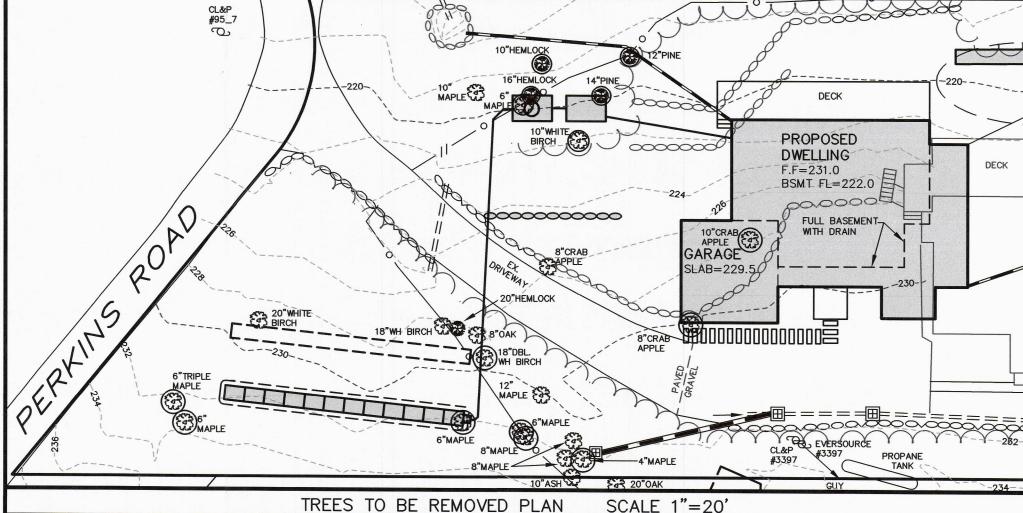
DESIGN FLOW LINES / ELEVATIONS

219.0

218.6

233.1

LEGEND Deep test pits and percolation tests results PROPERTY LINE BLDG. SETBACK LINE Topsoil with rocks EASEMENT LINE _____ 12-24" Orange brown friable sandy loam with rocks 24-68" Grey compact sandy loam UTILITY POLE Roots @ 24" some to 42" STONE WALL WATERCOURSE _____ Topsoil with rocks ___ 5 ____ FLAGGED WETLANDS Orange brown friable sandy loam with rocks 25-74" Grey compact sandy loam EXISTING CONTOUR PROPOSED CONTOUR EXISTING SPOT ELEVATION Topsoil with rocks PROPOSED SPOT ELEVATION 13-26" Orange brown friable sandy loam with rocks 26-68" Grey compact sandy loam DEEP HOLE PERCOLATION TEST $\bigcirc \bigcirc \bigcirc \bigcirc$ TREE LINE HAYBALE CHECK DAM Percolation test 2 18" deep - Presoak 2hr. SEDIMENT FENCE TREE TO BE REMOVED



SEPTIC DESIGN PREPARED FOR TRACY & JEFFREY BECK 4 PERKINS ROAD WASHINGTON, CONNECTICUT



BANTAM, CONNECTICUT 06750

01/26/21

Scale: 1"=20"

Date:

ENGINEERING & SURVEYING, LLC

(860)567-8007

(860)567-8006 (fax)

Proj. No.: **20-3353_SEP** Sheet: 1/1 Drawn By: MS Map No.: 3353