

# Town of Washington Inland Wetlands Commission

## PERMIT APPLICATION

Applicant's Name: Christopher G. Campuzano Date: 2/15/22

Activity Address: 41 Rabbit Hill Road

### APPLICATION FOR:

- Regulated activity: Site Plan for House
- 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: <u>2-15-22</u>	Received By: <u>S White</u>	<input type="checkbox"/> Scanned
Application #: <u>1W-22-07</u>	IWC Date of Receipt: <u>2-23-22</u>	
Fee Paid: <u>120</u>	<input type="checkbox"/> Cash <input checked="" type="checkbox"/> Check# <u>193</u>	Check date: <u>2-19-22</u> By: <u>Christopher Campuzano</u>
Date (14 Days from Receipt) <u>3-9-22</u>	65 Days from Receipt: <u>4-29-22</u>	
Public Hearing Date: _____	Continued to: _____	
Extension Request Date: _____	Date Extension Ends: _____	
<b>ACTION TAKEN:</b>		
<input type="checkbox"/> Application Withdrawn Date: _____	Comment: _____	
<input type="checkbox"/> Denied Without Prejudice <input type="checkbox"/> Denied Date: _____	Reason: _____	
<input type="checkbox"/> IWC Approval Date: _____	<input type="checkbox"/> Agent Approval _____	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](http://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\*\*\*

# Town of Washington Inland Wetlands Commission

## SECTION I: CONTACT INFORMATION

- 1) Name of Owner: Christopher G. Campuzano
- 2) Mailing Address: 804 Bronx River Road  
City Bronxville State: NY Zip: 10708
- 3) Telephone Home: ( ) \_\_\_\_\_ Cell: (347) 992-4646
- 4) Email: dc11sgt9@hotmail.com
- 5) Authorized Agent (attach **mandatory** written authorization): Joseph M. Green
- 6) Agent Address: 6 Old Waterbury Road Terryville, CT 06786
- 7) Agent's Home Telephone: ( ) \_\_\_\_\_ Business: (860) 589-0135
- 8) Agent's Email: green@cpa-ct.com
- 9) Name, Address, Title and Phone Number of any Professional(s) or Contractor(s) to be involved in the project:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_
- 10) All correspondence, notices, permits shall be sent to:  Property Owner  Agent

## SECTION II: PROPERTY INFORMATION

- 1) Address of Property: 41 Rabbit Hill Road
- 2) Assessor's Map, Lot Number(s): 4/16
- 3) Total Acreage: 5.09
- 4) Located in a Historic District?  Yes  No
- 5) Applicant's Interest in Property (circle one): Owner Developer Option Holder  
Other (describe): \_\_\_\_\_

## SECTION III: PROJECT/ACTIVITY INFORMATION

- 1) Project/Activity Name (e.g. pond dredging, etc.): Site Plan For House
- 2) If the activity involves the installation or repair of a septic system(s):  
Has the Health Official approved the plan?  Yes  No
- 3) Total Wetland Acres: 4/0.04 Disturbed Wetland Acres: 0
- 4) Total Review Acres\*: 4/0.84 Disturbed Review Acres: 4/0.25  
*\* The review area is all land within 100 feet of all wetlands soils and watercourses/water bodies. Activities beyond the 100-foot review area, which have the potential to adversely affect wetlands and watercourses, are also subject to wetlands jurisdiction and permitting requirements.*
- 5) Linear Feet of Watercourse: 0 Linear Feet of Watercourse disturbed: 0
- 6) Square feet of proposed impervious surfaces (roads, buildings, parking, etc.): 4/0.27
- 7) Does this project/activity comply with all applicable zoning regulations?  Yes  No

# Town of Washington Inland Wetlands Commission

## SECTION IV: PROJECT NARRATIVE

Attach separate sheet(s) if necessary

- 1) Proposed Activity (detailed description): Construction of a single family house, garage and pool.
- 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  
 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: It is anticipated the work in the review area will be balanced.
- 3) Description of proposed project, construction work sequence, machinery to be used, & duration of activities: See sheet 3 of 3 of site plan for house.  
Machinery - Excavator, Bulldozer
- 4) Describe alternatives considered and why the proposal described herein was chosen: No alternatives were considered. The parcel has one fairly flat spot to build a single family house, garage and pool.

## SECTION 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.

**\*\*If any of these situations apply (are checked), the applicant is required to give written notice of his/her application to the Inland Wetlands Agency of the adjoining municipality, on the same day that he/she submits this application. Notification must be by Certified Mail with Return Receipt Requested.**

# Town of Washington Inland Wetlands Commission

## SECTION VI: ATTACHMENTS

Please attach the following along with any other pertinent information:

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
- 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
- j. 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.

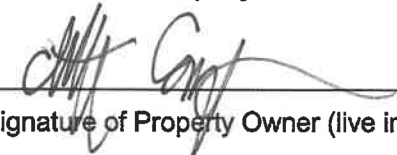
4) The Commission may, at its discretion, require an A-2 Survey showing wetland boundaries that have been flagged by a Certified Soil Scientist (CSS) and surveyed and plotted by a Licensed Surveyor.

## 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.

Christopher G. Compuzano

Print Name of Property Owner



Signature of Property Owner (live ink)

2/15/22

Date

Print Name of Property Owner

Signature of Property Owner (live ink)

Date

**IN ORDER TO EXPEDITE THE PERMITTING PROCESS IT IS NECESSARY TO FILL OUT ALL SECTIONS OF THIS APPLICATION 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\*\*\***

# PIETRAS ENVIRONMENTAL GROUP, LLC

## WETLAND DELINEATION REPORT

Date: February 8, 2017

PEG JOB#: 2017-8

Prepared for: Robert Green Associates, LLC  
6 Old Waterbury Road  
Terryville, CT 06786

Project Location: 41 Rabbit Hill Road, Washington, CT

Report Map: property line map

Inspection Date: February 4, 2016

Field Conditions: weather: partly sunny, 20's soil moisture: moist to saturated  
Winter features: snow depth: 0 to 1 inch frost depth: 0 to 2 inches

**Legislative Definitions of Wetlands and Watercourses in CT** (General Statutes, Chptr 440, Sec. 22a-28 to 22a-45)  
Tidal Wetlands are defined as "those areas which border on or lie beneath tidal waters, such as, but not limited to banks, bogs, salt marsh, swamps, meadows, flats, or other low lands subject to tidal action, including those areas now or formerly connected to tidal waters, and whose surface is at or below an elevation of one foot above local extreme high water; and which may grow or be capable of growing some, but not necessarily all of the following:" (includes plant list) sec. 22a-29(2).

Inland Wetlands "means land, including submerged land, not regulated pursuant to sections 22a-28 to 22a-35, inclusive, which consists of any of the soil types designated as poorly drained, very poorly drained, alluvial, and floodplain by the National Cooperative Soils Survey, as may be amended from time to time, of the Natural Resources Conservation Service (NRCS) of the United States Department of Agriculture" section 22a-38(15).

Watercourses "means rivers, streams, brooks, waterways, lakes, ponds, marshes, swamps, bogs and all other bodies of water, natural or artificial, vernal or intermittent, public or private which area contained within, flow through or border upon this state or any portion thereof, not regulated pursuant to sections 22a-28 to 22a-35, inclusive. Intermittent watercourses shall be delineated by a defined permanent channel and bank and the occurrence of two or more of the following characteristics: (A) Evidence of scour or deposits of recent alluvium or detritus, (B) the presence of standing or flowing water for a duration longer than a particular storm incident, and (C) the presence of hydrophytic vegetation" section 22a-38(16).

### Regulated Wetlands and Watercourses Identified:

Inland Wetlands: **yes** Watercourses: **no** river: brook: lake: pond:  
Tidal Wetlands: **no** intermittent watercourse:  
Wetland boundary flag #'s: **1 thru 9**

Local Regulated Upland Review Area: From Wetlands: 100 feet From Watercourses: 100 feet

All established wetlands boundary lines are subject to change until officially adopted by local and state agencies.

*Thomas W. Pietras*

Thomas W. Pietras, Professional Wetland and Soil Scientist

Thomas W.  
Pietras

Digitally signed by Thomas W. Pietras  
DN: cn=Thomas W. Pietras, o=Pietras  
Environmental Group, LLC, ou,  
email=tom@pietrasenvironmentalgroup.com  
, c=US  
Date: 2017.02.08 17:30:35 -05'00'

15 Briarwood Lane  
Wallingford, CT 06492  
203-314-6636

EMAIL Tom@pietrasenvironmentalgroup.com  
WEB SITE pietrasenvironmentalgroup.com

Thomas W. Pietras, Professional Wetland and Soil Scientist, conducted a site inspection to the subject property on February 4, 2017. The property is undeveloped and wooded. The southern portion of the parcel contains gentle to moderate slopes, while the northern portion contains very steep slopes with some ledge outcrops. The investigation conducted on February 4, 2017 concentrated on the southern portion of the property.

A spade and auger were used to dig test holes on the property. The classification system of the National Cooperative Soil Survey and the USDA Natural Resources Conservation Service was utilized for identification of soil drainage classes and soil types. The soil types identified on the property were assigned soil map numbers according to the State of Connecticut Soil Legend. Locations of soil types identified are shown on a sketch map that is included with this report. Inland wetlands are regulated by CT General Statutes, Chapter 440, Sections 22a-36 to 22a-45. The State defines wetlands as land consisting of any of the soil types designated as poorly drained, very poorly drained, alluvial and floodplain by the National Cooperative Soil Survey. The boundaries of the wetlands identified on the property were delineated with consecutively numbered, survey tapes. Approximate location of the wetlands are also shown on the soil and wetland sketch map. Brief descriptions of the soil mapping units are included in this report. Additional information about the soils identified on the property can be found in the Soil Survey of the State of Connecticut ([www.nrcs.usda.gov.ct/soilsurvey](http://www.nrcs.usda.gov.ct/soilsurvey)).

Wetlands, identified as poorly drained Leicester fine sandy loam (4), are present within a nearly level to very slightly depressed area which is located in the southwestern portion of the property. The Leicester is a loamy, glacial till soil which has a seasonal high water table at or near the surface during the period from late fall thru early spring. Within the more depressed section of the Leicester soil saturated soil conditions were encountered on 2/4/2017 and ground water was present within a foot of the surface. Drainage is trapped within the wetland as a result of the shallow to moderately deep depth to underlying ledge and the nearly level landscape position. The wetland is very small in size (approximately 35 feet wide by 60 feet in length). There is no watercourse associated with the wetland. Vegetation growing in the wetland is dominated by shrubs and includes a few trees. The following plants were identified in the wetland: red maple, red oak, black birch, highbush blueberry, winterberry, shadbush and cinnamon fern. The functional value of the wetland is low due to the wetland's very small size, isolation from other wetlands and watercourses and the seasonally wet nature.

Respectfully submitted,

PIETRAS ENVIRONMENTAL GROUP, LLC



Thomas W. Pietras  
Professional Wetland Scientist and Soil Scientist

BRIEF DESCRIPTIONS OF SOIL MAP UNITS IDENTIFIED

WETLAND SOILS

4 Leicester fine sandy loam (Aeric Endoaquepts) – This is a deep, poorly drained, friable, coarse-loamy textured, glacial till soil. The till was derived from schist, gneiss and granite. Leicester soils occur on glaciated plains, hills and ridges. A water table is typically present within a foot of the surface from late fall through mid-spring.

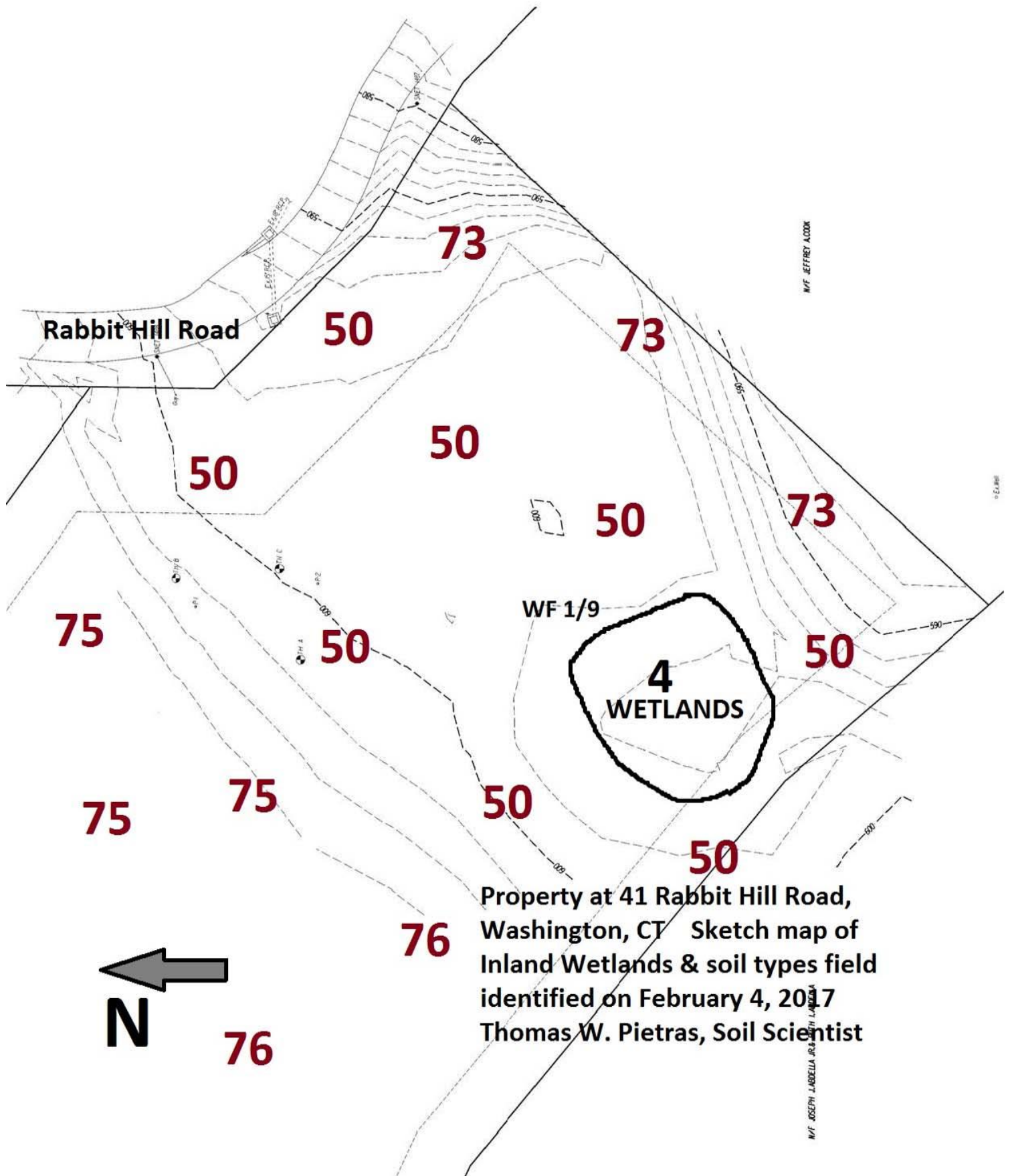
NON-WETLAND SOILS

50 Sutton fine sandy loam (Aquic Dystrudepts) - This is a deep, moderately well drained, friable, coarse-loamy textured, glacial till soil derived from schist, gneiss and granite. Sutton soils occur on glaciated plains, hills and ridges. A seasonal water table is present between 18 and 30 inches of the surface.

73 Charlton-Chatfield complex (Typic Dystrudepts) - These are deep and moderately deep, well drained, friable, coarse-loamy textured, glacial till soils derived from schist, gneiss and granite. Depth to bedrock ranges from 20 inches to over 5 feet. About 50% of the soils in this complex are greater than 5 feet to bedrock. Charlton-Chatfield soils occur on glaciated plains, hills and ridges. The water table is generally greater than five feet below the surface.

75 Hollis-Chatfield-rock outcrop complex (Typic & Lithic Dystrudepts) - These are shallow to moderately deep to bedrock, well drained to somewhat excessively drained, friable, coarse-loamy textured, glacial till soils derived from schist, gneiss and granite. Depths to bedrock range from 0 to over 5 feet. Roughly 1/3 of the soils in this complex are shallow (10-20 inches) to bedrock, while another 1/3 are moderately deep (20-40 inches) to bedrock. The Hollis-Chatfield-rock outcrop complex occurs on glaciated plains, hills and ridges.

76 Rock outcrop-Hollis complex (Lithic Dystrudepts) - This map unit consists mainly of exposed bedrock and shallow to bedrock soils that are 10-20 inches deep. The soils are somewhat excessively drained, friable, coarse-loamy textured, glacial till soils derived from schist, gneiss and granite. The Rock outcrop-Hollis complex occurs on glaciated plains, hills and ridges.



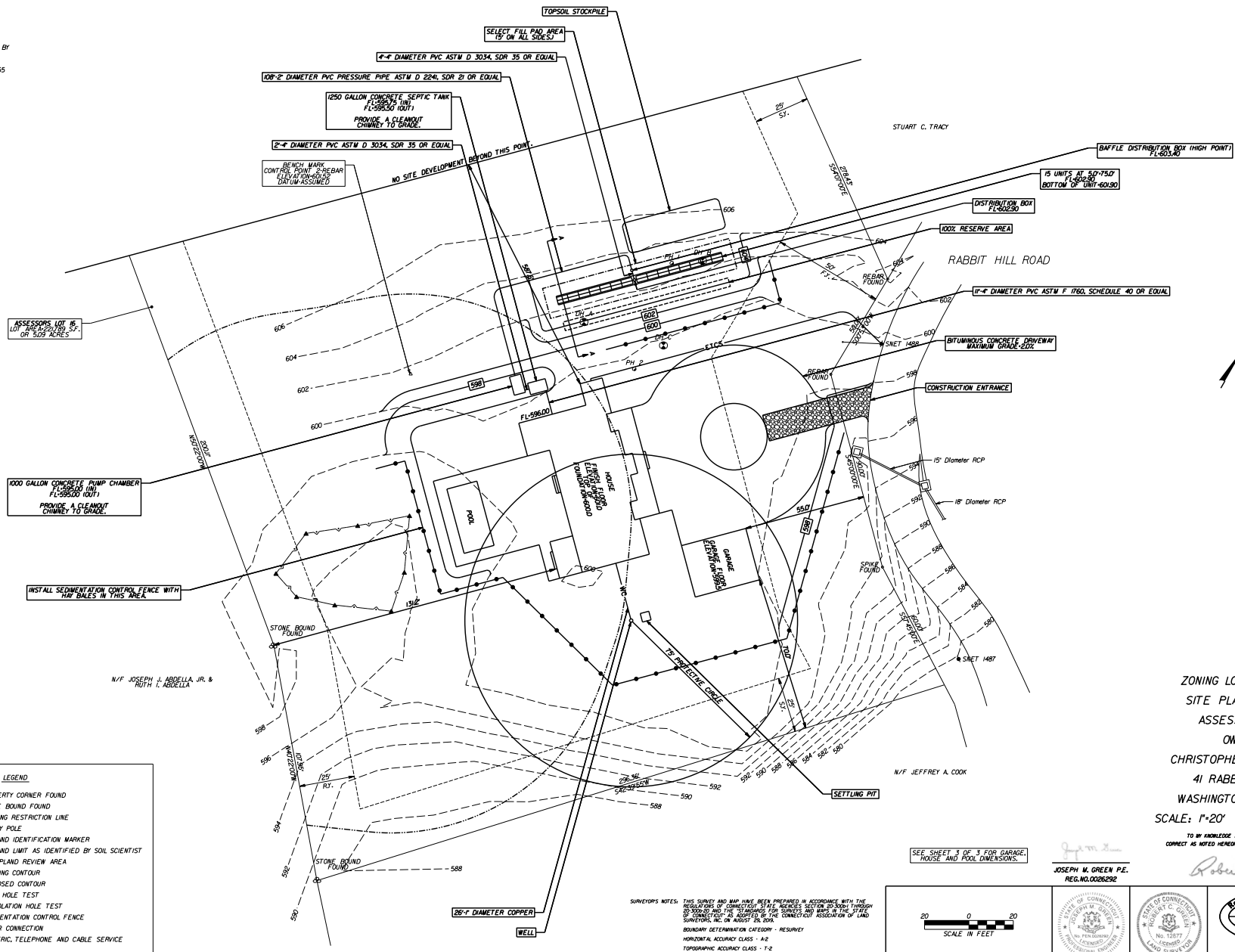
Property at 41 Rabbit Hill Road,  
 Washington, CT Sketch map of  
 Inland Wetlands & soil types field  
 identified on February 4, 2017  
 Thomas W. Pietras, Soil Scientist



NOTES:

ZONE R-1  
 ASSESSORS MAP 4  
 ASSESSORS BLOCK 14  
 ASSESSORS LOT 16  
 WETLANDS IDENTIFIED IN THE FIELD BY  
 PEYTRAS ENVIRONMENTAL GROUP, LLC.  
 THE CONTRACTOR MUST CONTACT  
 CALL BEFORE YOU DIG AT 1-800-922-4455  
 PRIOR TO CONSTRUCTION.

MAP REFERENCES:  
 PROPERTY OF  
 CHARLES MASON MILLER, JR.  
 RABBIT HILL ROAD  
 WASHINGTON, CONNECTICUT  
 SCALE 1"=20'  
 PREPARED BY  
 CHARLES J. BISHOP  
 FEASIBILITY STUDY  
 PREPARED FOR  
 STUART C. TRACY  
 TRACY PARCEL  
 41 RABBIT HILL ROAD  
 WASHINGTON, CONNECTICUT  
 SCALE 1"=20'  
 PREPARED BY  
 OAKWOOD ENVIRONMENTAL ASSOCIATES



LEGEND	
○	PROPERTY CORNER FOUND
⊙	STONE BOUND FOUND
---	BUILDING RESTRICTION LINE
+	UTILITY POLE
▲	WETLAND IDENTIFICATION MARKER
—▲—	WETLAND LIMIT AS IDENTIFIED BY SOIL SCIENTIST
---	100' UPLAND REVIEW AREA
---	EXISTING CONTOUR
---	PROPOSED CONTOUR
⊙	DEEP HOLE TEST
○	PERCOLATION HOLE TEST
—●—	SEDIMENTATION CONTROL FENCE
—○—	WC WATER CONNECTION
—○—	ETCS ELECTRIC, TELEPHONE AND CABLE SERVICE

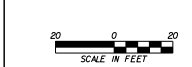
SURVEYOR'S NOTES:  
 THIS SURVEY AND MAP HAVE BEEN PREPARED IN ACCORDANCE WITH THE  
 REGULATIONS OF CONNECTICUT STATE AGENCIES SECTION 20-300M THROUGH  
 20-300-20 AND THE STANDARDS FOR SURVEYS AND MAPS IN THE STATE  
 OF CONNECTICUT AS ADOPTED BY THE CONNECTICUT ASSOCIATION OF LAND  
 SURVEYORS, INC. IN 1987 (AS AMENDED IN 2001).  
 BOUNDARY DETERMINATION CATEGORY - RESURVEY  
 HORIZONTAL ACCURACY CLASS - A2  
 TOPOGRAPHIC ACCURACY CLASS - 1:2

SEE SHEET 2 OF 3 FOR GARAGE,  
 HOUSE, AND POOL DIMENSIONS.

JOSEPH M. GREEN P.E.  
 REG. NO. 0026292

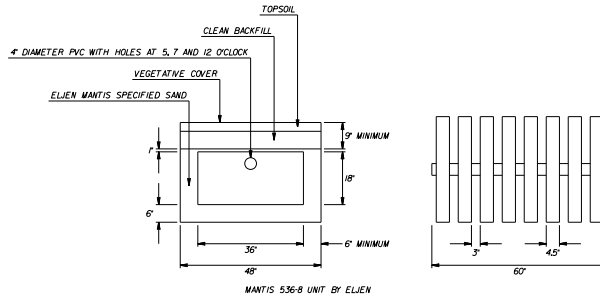
ZONING LOCATION SURVEY  
 SITE PLAN FOR HOUSE  
 ASSESSORS LOT 16  
 OWNED BY  
 CHRISTOPHER G. CAMPUZANO  
 41 RABBIT HILL ROAD  
 WASHINGTON, CONNECTICUT  
 SCALE: 1"=20' FEBRUARY 15, 2022  
 TO MY KNOWLEDGE AND BELIEF, THIS MAP IS SUBSTANTIALLY  
 CORRECT AS NOTED HEREON.

Robert C. Green  
 Robert Green Associates L.L.C.



**SEPTIC NOTES**

1. MINIMUM SEPARATION FROM WELL TO SEPTIC SYSTEM - 75'.
2. ALL MATERIAL NOT REQUIRED FOR GRADING WILL BE REMOVED.
3. THE CONSTRUCTION ENTRANCE PAD SHALL BE CONSTRUCTED AT THE DRIVEWAY LOCATION, NO OTHER AREA WILL BE ACCEPTABLE.
4. THE PROPOSED SEPTIC SYSTEM IS IN THE SAME GENERAL AREA OF THE TEST HOLES OBSERVED.
5. THERE ARE NO EXISTING WELLS WITHIN 75' OF THE PROPOSED SEPTIC SYSTEM.
6. THERE ARE NO APPARENT SOURCES OF POLLUTION WITHIN 75' OF THE PROPOSED WELL ON ADJACENT LOTS.
7. CONTOURS IN THE AREA OF THE PROPOSED ACTIVITY WERE FIELD SURVEYED.
8. PROVIDE A CLEANOUT CHIMNEY FOR SEPTIC TANK TO APPROXIMATELY 12' BELOW GRADE.
9. THERE ARE NO HOUSES OR STRUCTURES WITHIN 15' OF THE PROPERTY.
10. ALL SEPTIC FILL MATERIAL USED SHALL BE CLEAN COARSE GRAVEL WITH LESS THAN 5% PASSING THE #200 SIEVE.
11. SYSTEM IS TO BE STAKED BY SURVEYOR OR ENGINEER BEFORE INSTALLATION.
12. INSTALL ONE ROW OF 15 MANTIS 536-8 UNITS. ENDS OF MANTIS 536-8 UNITS TO BE PLUGGED. SYSTEM TO BE INSTALLED LEVEL AT THE GRADES SHOWN. 15 MANTIS 536-8 UNITS AT 50 FT + 75D FT. 75D FT AT 10 SF/FT + 825D SF.



**DEEP HOLE DATA**  
(1-3-17)

DEEP HOLE A	DEEP HOLE B	DEEP HOLE C
0-8" TOPSOIL AND FOREST LITTER	0-7" TOPSOIL AND FOREST LITTER	0-7" TOPSOIL AND FOREST LITTER
8-29" RED/BROWN FINE SANDY LOAM	7-22" RED/BROWN FINE SANDY LOAM	7-19" RED/BROWN FINE SANDY LOAM
29-38" BROWN FINE SANDY LOAM	22-36" BROWN FINE SANDY LOAM	19-28" BROWN FINE SANDY LOAM
38-77" GRAY HARDPAN	36-80" GRAY HARDPAN	28-80" GRAY HARDPAN
MOTTLING AT 32'	MOTTLING AT 36'	MOTTLING AT 28'
WATER AT 48'	WATER AT 60'	WATER AT 36'
NO LEDGE	NO LEDGE	NO LEDGE
ROOTS TO 28'	ROOTS TO 36'	ROOTS TO 28'

**RECOMMENDED CONSTRUCTION SEQUENCE FOR SEPTIC SYSTEM**

1. REMOVE TREES, BRUSH, ROOT MAT AND TOPSOIL FROM AREA OF SYSTEM, BEING CAREFUL NOT TO COMPACT UNDERLYING SOIL.
2. SCARIFY SOIL IN SEPTIC AREA, CONTACT THE SANITARIAN FOR AN INSPECTION AND UPON APPROVAL PLACE FILL AT 6'-8" LIFTS TO GRADE.
3. INSTALL SEPTIC SYSTEM AND HAVE INSPECTED BY HEALTH DISTRICT PRIOR TO COVERING TRENCHES.
4. COVER WITH TOPSOIL, MULCH AND SEED.

**FILL SPECIFICATION GUIDELINES**

THE FILL SHALL NOT CONTAIN ANY MATERIAL LARGER THAN THREE INCHES.

UP TO 45% OF THE DRY WEIGHT OF THE REPRESENTATIVE SAMPLE MAY BE RETAINED ON THE #4 SIEVE. (THIS IS THE GRAVEL PORTION OF THE SAMPLE.)

THE MATERIAL THAT PASSES THE #4 SIEVE IS THEN REWEIGHED AND THE SIEVE ANALYSIS STARTED.

THE REMAINING SAMPLE SHALL MEET THE FOLLOWING GRADATION CRITERIA:

SIEVE	WET SIEVE	PERCENT PASSING	DRY SIEVE
No.4	100	100	100
No.10	70-100		70-100
No.40	0-50		0-75
No.100	0-5		0-5
No.200	0-5		0-2.5

\* PERCENT PASSING THE No. 40 SIEVE CAN BE INCREASED TO NO GREATER THAN 75% IF THE PERCENT PASSING THE No. 100 SIEVE DOES NOT EXCEED 10% AND THE No. 200 SIEVE DOES NOT EXCEED 5%.

**ASTM C-33 SAND SPECIFICATIONS**

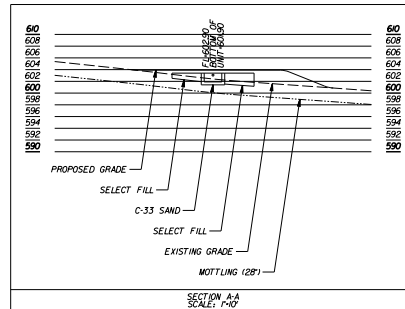
SIEVE	PERCENT PASSING
3/8"	100
No.4	95-100
No.8	80-100
No.16	50-100
No.30	25-60
No.50	5-30
No.100	0-5
No.200	0-5

**MLSS DETERMINATION**

HYDRAULIC GRADIENT - 8'-100X  
 RESTRICTIVE LAYER - 28"  
 HF - 26.0  
 FF - 175  
 PF - 125  
 MLSS - HF + FF + PF + 26.0 x 175 + 125 = 56.9  
 MLSS PROVIDED - 75.0

**DESIGN DATA**

NUMBER OF BEDROOMS - 4  
 SEPTIC TANK - 1250 GALLON  
 LEACHING REQUIRED - 787.5 SF  
 LEACHING PROVIDED - 825.0 SF  
 FINISH FLOOR - 60.0  
 GARAGE FLOOR - 59.5  
 CELLAR FLOOR - N/A



**PERCOLATION HOLE DATA**  
(1-4-17)

DEPTH-19"	DEPTH-17"
PERCOLATION HOLE 1	PERCOLATION HOLE 2
2:22 17 1/4"	2:24 17 1/2"
2:32 9 1/4"	2:34 9 1/2"
2:42 12 1/4"	2:44 12 1/2"
2:52 11 1/4"	2:54 11 1/2"
3:02 12"	3:04 12 1/4"
3:12 12 1/4"	3:14 13"
3:22 13"	3:24 13 1/2"
PERCOLATION RATE: 101-200 MINUTES/INCH	PERCOLATION RATE: 101-200 MINUTES/INCH

MISCELLANEOUS NOTES & DETAILS  
 FOR  
 SITE PLAN FOR HOUSE  
 ASSESSORS LOT 16  
 OWNED BY  
 CHRISTOPHER G. CAMPUZANO  
 41 RABBIT HILL ROAD  
 WASHINGTON, CONNECTICUT  
 SCALES: AS NOTED FEBRUARY 15, 2022

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

JOSEPH M. GREEN P.E.  
 REG. NO. 0026292

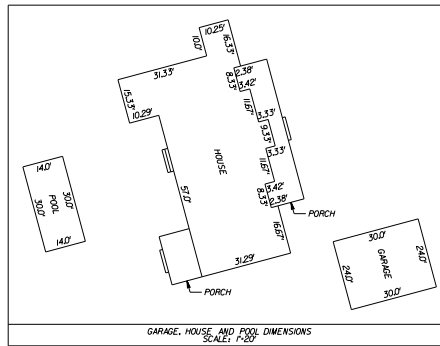
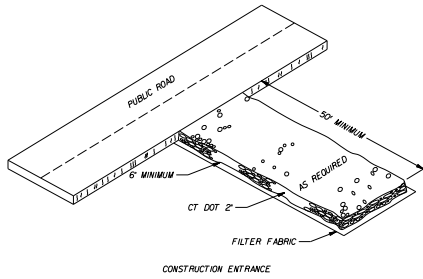
Robert C. Green

SHEET 2 OF 3



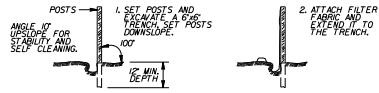
**HOUSE CONSTRUCTION SCHEDULE:**

1. INSTALL ALL EROSION AND SEDIMENTATION CONTROL MEASURES AND MAINTAIN THEM UNTIL THE DISTURBED AREAS ARE FULLY STABILIZED.
2. DEVELOPER'S SUPERVISOR TO STAKE AND CLEARLY MARK THE LINE OF VEGETATION TO REMAIN UNDISTURBED.
3. REMOVE TREES, BRUSH AND STUMPS IN AREAS TO BE CLEARED.
4. STRIP TOPSOIL IN AREAS TO BE CUT OR TO BE STOCKPILED. TOPSOIL SHOULD BE MULCHED OR COVER WITH NETTING.
5. CONSTRUCT DRIVEWAY TO HOUSE.
6. REMOVE UNACCEPTABLE SOIL AND Boulders LARGER THAN ONE CUBIC FOOT FROM THE HOUSE CONSTRUCTION AREA.
7. ROUGH GRADE HOUSE AREA.
8. EXCAVATE FOR HOUSE.
9. ERECT FOOTING FORMS FOR HOUSE AND POUR CONCRETE. ADD REBAR IF REQUIRED.
10. ERECT FOUNDATION WALL FORMS FOR HOUSE AND POUR CONCRETE. ADD REBAR IF REQUIRED.
11. BACKFILL FOUNDATION WALLS.
12. CONSTRUCT HOUSE.
13. INSTALL ALL UTILITIES.
14. GRADE, STABILIZE, SEED AND MULCH ALL DISTURBED AREAS.
15. REMOVE ALL EROSION AND SEDIMENTATION CONTROL MEASURES WHEN UP GRADIENT AREAS ARE FULLY STABILIZED.



EROSION AND SEDIMENTATION CONTROL CHECKLIST				
WORK DESCRIPTION	DATE INSTALLED	INITIALS	DATE REMOVED	INITIALS
CONSTRUCTION ENTRANCE				
SEDIMENTATION CONTROL FENCE				
TOPSOIL STOCKPILE				
TOPSOIL, SEED AND MULCH ON DISTURBED AREAS				

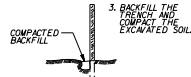
MAINTENANCE OF EROSION AND SEDIMENTATION CONTROL CHECKLIST		
WORK DESCRIPTION	DATE INSPECTED	INITIALS
CONSTRUCTION ENTRANCE		
SEDIMENTATION CONTROL FENCE		
TOPSOIL STOCKPILE		
TOPSOIL, SEED AND MULCH ON DISTURBED AREAS		



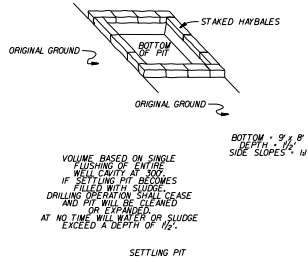
**CONTACT AND PERMIT INFORMATION:**

THE PERSON RESPONSIBLE FOR MAINTENANCE OF EROSION AND SEDIMENTATION CONTROL MEASURES DURING CONSTRUCTION IS CHRISTOPHER G. CAMPUZANO AND HE CAN BE CONTACTED AT 1-347-992-4646.

THE PERSON RESPONSIBLE FOR HANDLING ANY EMERGENCY SITUATION DURING CONSTRUCTION IS CHRISTOPHER G. CAMPUZANO AND HE CAN BE CONTACTED AT 1-347-992-4646.

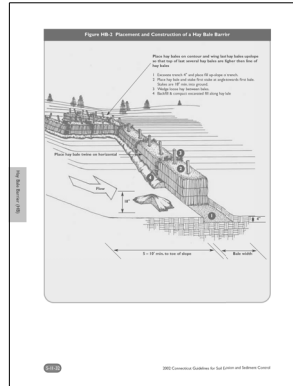


PLACEMENT AND CONSTRUCTION OF A SYNTHETIC FILTER BARRIER



VOLUME BASED ON SINGLE PILING OF 6" PLUS WELL CAPTY 2" BOSS IF SETTLING PIT BECOMES DRILLING OPERATION SHOULD CEASE AND PIT SHOULD BE CLEANED OR REPAIRED AT NO TIME WILL WATER OR SLUDGE EXCEED A DEPTH OF 12"

SETTLING PIT



MISCELLANEOUS NOTES & DETAILS  
 FOR  
 SITE PLAN FOR HOUSE  
 ASSESSORS LOT 16  
 OWNED BY  
 CHRISTOPHER G. CAMPUZANO  
 41 RABBIT HILL ROAD  
 WASHINGTON, CONNECTICUT  
 SCALES: AS NOTED FEBRUARY 15, 2022

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

JOSEPH M. GREEN P.E.  
 REG. NO. 0026292

Robert C. Green

SHEET 3 OF 3

