

TOWN OF WESTON
CONSERVATION COMMISSION

INLAND WETLANDS AND WATERCOURSES APPLICATION FORM

This Application is for a five-year permit to conduct a regulated activity or activities pursuant to the Inland Wetlands and Watercourses Regulations of the Town of Weston ("The Regulations")

TITLE OF PROJECT: (general purpose) _____

ADDRESS OF PROPERTY: 11 TIFFANY LANE WESTON, CT

Utility pole # nearest entrance: _____ Assessor's Map # 16 Block # 2 Lot # 56
Total Acres 9.57 Total Acres of Wetlands and Watercourses _____
Acreage of Wetlands and Watercourses Altered _____ Upland Area Altered: _____ Acres
Linear Feet of Stream Alteration _____ Total Acres Proposed Open Space _____

OWNER(S) (Please list all owners, attach extra sheet if necessary)

Name: FRANK VOLLRATH Phone: (203) 705-5647
Address: 11 TIFFANY LANE WESTON, CT
Email: FRANK.VOLLRATH@SBCGLOBAL.NET

APPLICANT/AUTHORIZED AGENT

Name: FRANK VOLLRATH Phone: (203) 705-5647
Address: 11 TIFFANY LANE WESTON, CT
Email: FRANK.VOLLRATH@SBCGLOBAL.NET

CONSULTANTS (Please provide, if applicable)

Engineer: FRED DAMICO Phone: (203) 922-2176
Address: 9 PARK ROAD OXFORD, CT 06478
Email: DAMICOASSOCIATES@GMAIL.COM

Soil Scientist: _____ Phone: _____
Address: _____
Email: _____

Legal Counselor: _____ Phone: _____
Address: _____
Email: _____

Surveyor: FRED DAMICO Phone: (203) 922-2176
Address: 9 PARK ROAD OXFORD, CT 06478
Email: DAMICOASSOCIATES@GMAIL.COM

For Commission Use Only

APPLICATION NO. _____	FEE PAID _____
REC'D IN OFFICE _____	REC'D BY COMM. _____
IF PUBLIC HEARING, OPENED _____	CLOSED _____
ACTION _____	

PROPERTY INFORMATION

Property address: 11 TIFFANY LANE WESTON, CT

The property is is not within a subdivision

Property to be affected by proposed activity contains:

- wetlands soils bog swamp lake or pond
 floodplain stream or river marsh other _____

The proposed activity will involve the following within wetlands, watercourse, and/or review area:

- Alteration Construction Pollution
 Discharge to Discharge from Bridge or Culvert
 Removal of Materials Deposition of Materials
 Other _____

Amount, type, and location of materials to be removed, deposited, or stockpiled:

Description, work sequence, and duration of activities:

CREATE ONE LOT WITH PROPOSED
SINGLE FAMILY RESIDENCE

Describe alternatives considered and why the proposal described herein was chosen:

THIS PROPOSED LAYOUT WAS SELECTED
BECAUSE THIS LAYOUT WAS PREVIOUSLY
APPROVED

The activity does does not involve the installation or repair of a septic system(s)

The Westport Weston Health District has approved has not approved the plan

Square feet of proposed impervious surfaces (roads, buildings, parking, etc.): _____



Statewide Inland Wetlands & Watercourses Activity Reporting Form

Please complete - print clearly - 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

- DATE ACTION WAS TAKEN (enter one year and month): Year _____ Month _____
- ACTION TAKEN (enter one code letter): _____
- WAS A PUBLIC HEARING HELD (check one)? Yes _____ No _____
- 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

- TOWN IN WHICH THE ACTION IS OCCURRING (type name): WESTON
Does this project cross municipal boundaries (check one)? Yes _____ No X
If Yes, list the other town(s) in which the action is occurring (type name(s)): _____
- LOCATION (see directions for website information): USGS Quad Map Name: WESTPORT or Quad Number: 108
Subregional Drainage Basin Number: 7200
- NAME OF APPLICANT, VIOLATOR OR PETITIONER (type name): FRANK VOLLRATH
- NAME & ADDRESS/LOCATION OF PROJECT SITE (type information): 11 TIFFANY LANE
Briefly describe the action/project/activity (check and type information): Temporary _____ Permanent _____
Description: PROPOSED NEW HOUSE WITH WELL & SEPTIC
- ACTIVITY PURPOSE CODE (enter one code letter): B 4 BEDROOM RESIDENCE + ASSOCIATED
- ACTIVITY TYPE CODE(S) (enter up to four code numbers): 2, 3, 12, 14 GRADING
- WETLAND / WATERCOURSE AREA ALTERED (type in acres or linear feet as indicated):
Wetlands: 0 acres Open Water Body: 0 acres Stream: 0 linear feet
- UPLAND AREA ALTERED (type in acres as indicated): 0.61 acres
- AREA OF WETLANDS / WATERCOURSES RESTORED, ENHANCED OR CREATED (type in acres as indicated): _____ acres

DATE RECEIVED:

PART III: To Be Completed By the DEEP

DATE RETURNED TO DEEP:

FORM COMPLETED: YES NO

FORM CORRECTED / COMPLETED: YES NO

To

Conservation Commission
Town of Weston

From

Frank Vollrath
11 Tiffany Lane
Weston, Ct. 06883

Subject

Wetlands Application Form
For 11 Tiffany Lane

Date

August 18, 2020

Dear Commission,

This is authorization for Fred Damico of Damico Associates at 9 Park Hill Road, Oxford Ct. 06478, to represent me in the Wetlands application process.

Thank you for your Consideration.

Frank Vollrath



**Westport Weston
Health District**

To: Weston Planning and Zoning Commission
From: Jeff Andrews, RS, Chief Sanitarian
RE: Vollrath Subdivision, 11 Tiffany Lane
Date: June 16, 2020

The Westport Weston Health District has received for review and comment, a map of a proposed two (2) lot subdivision at the above location. The map was prepared by Fred D'Amico, PE, dated December 16, 2019, revised June 8, 2020.

Lot 1 shows an existing 5 bedroom dwelling with an existing septic system and well. A 5 bedroom B100a Code Complying Area has been shown and meets the minimum 75' requirement to the existing well.

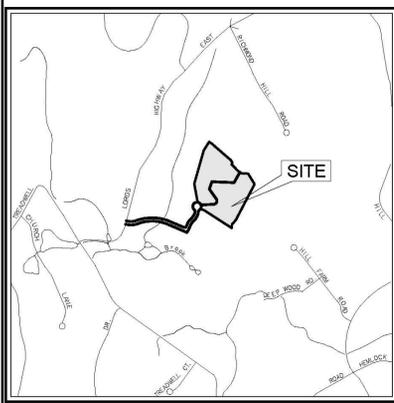
Lot 2 shows a proposed new 4 bedroom dwelling with a primary and reserve septic area and a private well location.

The following should be placed on the Mylar for the above subdivision: Lot 2

- Septic design be prepared by a professional engineer registered in the State of Connecticut
- Septic system shall be designed (5) five above ledge and extend select fill (25) twenty-five feet downgradient.
- Septic system area shall be prepared, septic sand placed and tested prior to issuing a "Permit to Construct" for the new septic system.

Approval recommended.

CC: Fred D'Amico

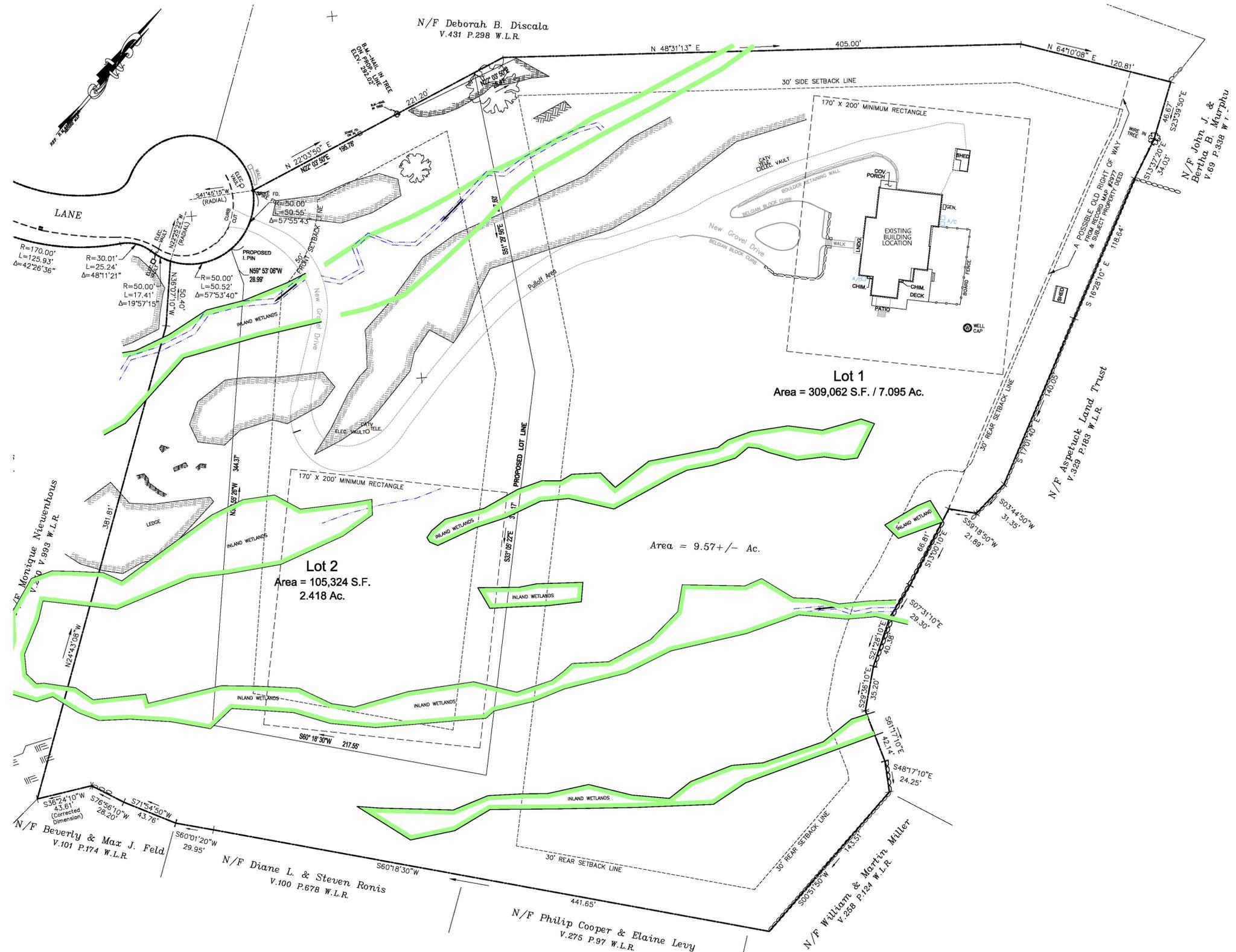


SITE LOCATION MAP

SCALE: 1" = 1000'

GENERAL NOTES:

1. BASE MAP TAKEN FROM THE FOLLOWING REFERENCE MAPS.
 - 1.A. "REVISED MAP OF PROPERTY PREPARED FOR KHCN, LLC, WESTON, CONNECTICUT", SCALE: 1"=60'; DATED: DECEMBER 20, 2005 AND PREPARED BY DENNIS A. DEILUS, R.L.S. - NORWALK, CT
 - 1.B. "MAP OF PROPERTY PREPARED FOR C.N. BUILDERS, INC. WESTON, CONNECTICUT", SCALE: 1"=60'; DATED: NOVEMBER 15, 2002 AND PREPARED BY DENNIS A. DEILUS, R.L.S. - NORWALK, CT
2. THE PROPERTY IS CURRENTLY LOCATED IN A TWO ACRE RESIDENTIAL ZONE.
3. WATER SERVICE IS TO BE PROVIDED BY PRIVATE WELL.
4. UTILITY LOCATIONS SHOWN ON THE DRAWING ARE APPROXIMATE ONLY AND ALL UTILITIES MAY NOT BE SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES AND FOR THE MAINTENANCE AND PROTECTION THEREOF. THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" (1-800-922-4455) PRIOR TO THE START OF WORK TO ESTABLISH AND HAVE MARKED ON THE GROUND THE LOCATION OF ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN THE EVENT A UTILITY IS LOCATED OR IS UNCOVERED DURING THE PROGRESS OF THE WORK THAT WAS NOT INDICATED ON THE DRAWING.
5. WETLANDS DEPICTED HEREON WERE TRANSCRIBED FROM REF. MAP 1A MAP REFERENCE.
6. DATUM USED BASED ON REFERENCE MAP 1B.



No.	Date	REVISION DESCRIPTION

THIS SURVEY AND MAP HAS BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300B-1 TO 20-300B-20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES. IT IS A MAP BASED ON A DEPENDENT RESURVEY CONFORMING TO HORIZONTAL ACCURACY CLASS A-2, TO THE BEST OF MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

Fred D'Amico
 FRED D'AMICO CONN. P.E., L.S. 10833

D'AMICO ASSOCIATES
 SURVEYING & ENGINEERING CONSULTANTS

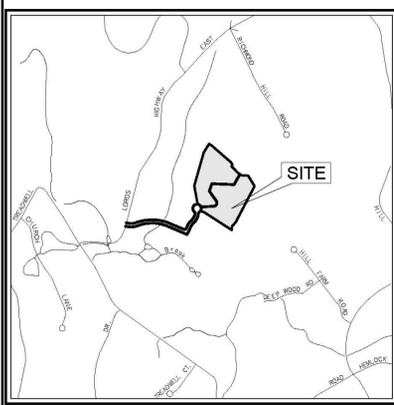
9 PARK ROAD
 OXFORD, CONNECTICUT 06478
 P: (203) 881-3184
 F: (203) 881-0248
 damicoassociates@sbglobal.net

Job No. 3785
 Drn By DRR
 Scale 1"=40'
 Date 12/16/2019

Project Name
 11 TIFFANY LANE
 WESTON, CONNECTICUT
 PREPARED FOR
 FRANK VOLLRATH

Drawing Title
 FINAL SUBDIVISION PLAN

SHEET 1 of 3



SITE LOCATION MAP

SCALE: 1" = 1000'

GENERAL NOTES:

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- WETLANDS DEPICTED HEREON WERE TRANSCRIBED FROM REF. MAP 1A MAP REFERENCE.
- DATUM USED BASED ON REFERENCE MAP 1B.

LOT 2

PERCOLATION TEST RESULTS DONE ON 9/19/27

PERCOLATION TEST NUMBER: P-303
 DEPTH OF HOLE: 14" / DIAMETER: 8"
 PRE-SOAKED HOLE WITH 2 GALLONS OF H2O / 1 HOUR DRY
 REFILLED HOLE WITH 2 GALLONS OF H2O

TIME	ELAPSED TIME	DEPTH	DROP
10:55	0 MIN	3"	
11:05	10 MIN	8"	6"
11:15	10 MIN	10 1/2"	2 1/2"
11:25	10 MIN	13"-DRY	2 1/2"

AFTER 30 MINUTES THE MINIMUM OBSERVED PERCOLATION RATE IS 1" DROP / 4 MIN

PERCOLATION TEST A DATED FEBRUARY 28, 2020

DEPTH OF HOLE 14" / DIAMETER 8"
 PRE-SOAKED HOLE WITH GALLONS OF H2O

TIME	ELAPSED TIME	DEPTH	DROP
11:05	0 MIN	1"	4 3/4"
11:15	10 MIN	5 3/4"	4"
11:25	10 MIN	9 3/4"	2"
11:35	10 MIN	11 3/4"	2"
11:45	10 MIN	DRY	

PERCOLATION ARET IS 1" DROP / 5.0 MIN

DESIGN ANALYSIS

DESIGN FOR 4 BEDROOM HOUSE

PERCOLATION RATE = 1.5 MIN/IN

EFFECTIVE LEACHING AREA = 577.5

AVERAGE DEPTH TO RESTRICTIVE LAYER - LEACHING AREA

35' (TP 301) + 44' (TP 302) / 2 = 79' / 2 = 39.5'

AVERAGE GROUND SLOPE = > 15.0%

BOTTOM OF SYSTEM ABOVE EXISTING GRADE TO MAINTAIN MINIMUM 48" TO LEDGE

UTILIZE 26" RESTRICTIVE LAYER + 24" SAND = 50"

M.L.S.S. CALC. DESIGN

HF=10 SBI=26.36

PF=1.0 602 S.F. EFFECTIVE LEACHING AREA

FF=1.75

10(1.0)(1.75) = 17.5

TEST HOLE #301

0-4" TOPSOIL

4-35" OB SANDY LOAM

NO LEDGE

TEST HOLE #302

0-4" TOPSOIL

4-44" OB SANDY LOAM

LEDGE @ 44"

TEST HOLE #303

0-4" TOPSOIL

4-32" OB SANDY LOAM

LEDGE @ 32"

TEST HOLE #304

0-4" TOPSOIL

4-26" OB SANDY LOAM

LEDGE @ 26"

PROBE TEST DATED FEBRUARY 21, 2020

PA PD PG

26" 24" 30"

PB PE

28" 25"

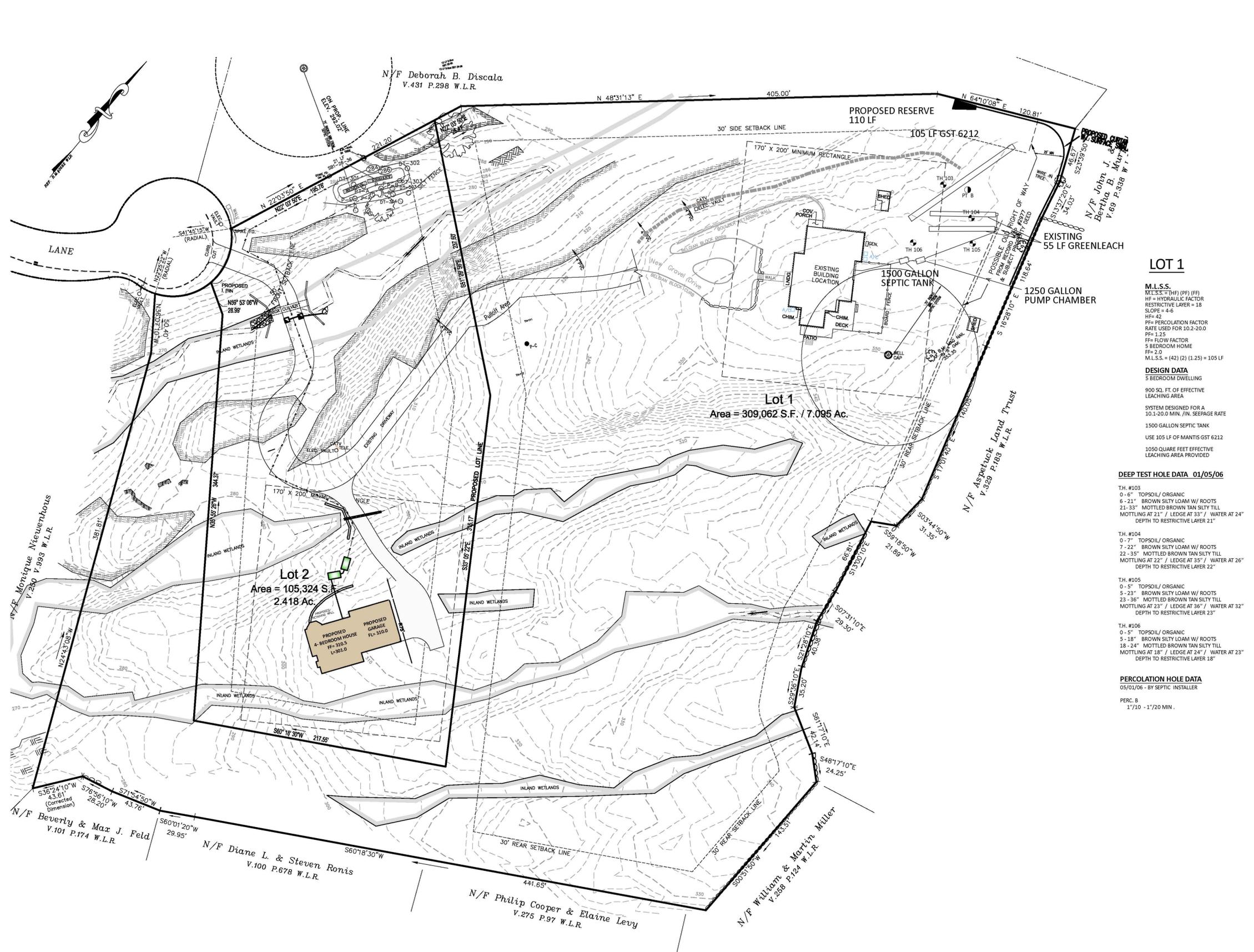
PC PF

24" 26"

PRIMARY AVERAGE
 35 + 44 = 79 / 2 = 39.5

DOWNSLOPE AVERAGE
 26 + 24 + 30 + 28 + 25 + 24 + 26 = 183 / 7 = 26.1

AVERAGE RESTRICTIVE LAYER
 39.5 + 26.1 = 65.6 / 2 = 32.8



LOT 1

M.L.S.S.
 M.L.S.S. = (HF) (PF) (FF)
 HF = HYDRAULIC FACTOR
 RESTRICTIVE LAYER = 18
 SLOPE = 4-6
 HF=42
 PF= PERCOLATION FACTOR
 RATE USED FOR 10.2-20.0
 PF=1.25
 FF= FLOW FACTOR
 5 BEDROOM HOME
 FF=2.0
 M.L.S.S. = (42) (2) (1.25) = 105 LF

DESIGN DATA
 5 BEDROOM DWELLING
 900 SQ. FT. OF EFFECTIVE LEACHING AREA
 SYSTEM DESIGNED FOR A 10.1-20.0 MIN. / IN. SEEPAGE RATE
 1500 GALLON SEPTIC TANK
 USE 105 LF OF MANTIS GST 6212
 1050 SQUARE FEET EFFECTIVE LEACHING AREA PROVIDED

DEEP TEST HOLE DATA 01/05/06

T.H. #103
 0-6" TOPSOIL / ORGANIC
 6-21" BROWN SILTY LOAM W/ ROOTS
 21-33" MOTTLED BROWN TAN SILTY TILL
 MOTTLING AT 21" / LEDGE AT 33" / WATER AT 24"
 DEPTH TO RESTRICTIVE LAYER 21"

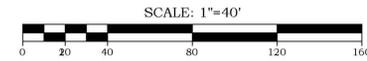
T.H. #104
 0-7" TOPSOIL / ORGANIC
 7-22" BROWN SILTY LOAM W/ ROOTS
 22-35" MOTTLED BROWN TAN SILTY TILL
 MOTTLING AT 22" / LEDGE AT 35" / WATER AT 26"
 DEPTH TO RESTRICTIVE LAYER 22"

T.H. #105
 0-5" TOPSOIL / ORGANIC
 5-23" BROWN SILTY LOAM W/ ROOTS
 23-36" MOTTLED BROWN TAN SILTY TILL
 MOTTLING AT 23" / LEDGE AT 36" / WATER AT 32"
 DEPTH TO RESTRICTIVE LAYER 23"

T.H. #106
 0-5" TOPSOIL / ORGANIC
 5-18" BROWN SILTY LOAM W/ ROOTS
 18-24" MOTTLED BROWN TAN SILTY TILL
 MOTTLING AT 18" / LEDGE AT 24" / WATER AT 23"
 DEPTH TO RESTRICTIVE LAYER 18"

PERCOLATION HOLE DATA

05/01/06 - BY SEPTIC INSTALLER
 PERC. B
 1" / 10 - 1" / 20 MIN.



No.	Date	REVISION DESCRIPTION
2	5/18/2020	REVISE AS PER HEALTH DEPARTMENT COMMENTS
1	4/30/2020	REVISE AS PER HEALTH DEPARTMENT COMMENTS

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Job No. 3674
 Drn By DRR
 Project Name 11 TIFFANY LANE WESTON, CONNECTICUT
 PREPARED FOR FRANK VOLLRATH

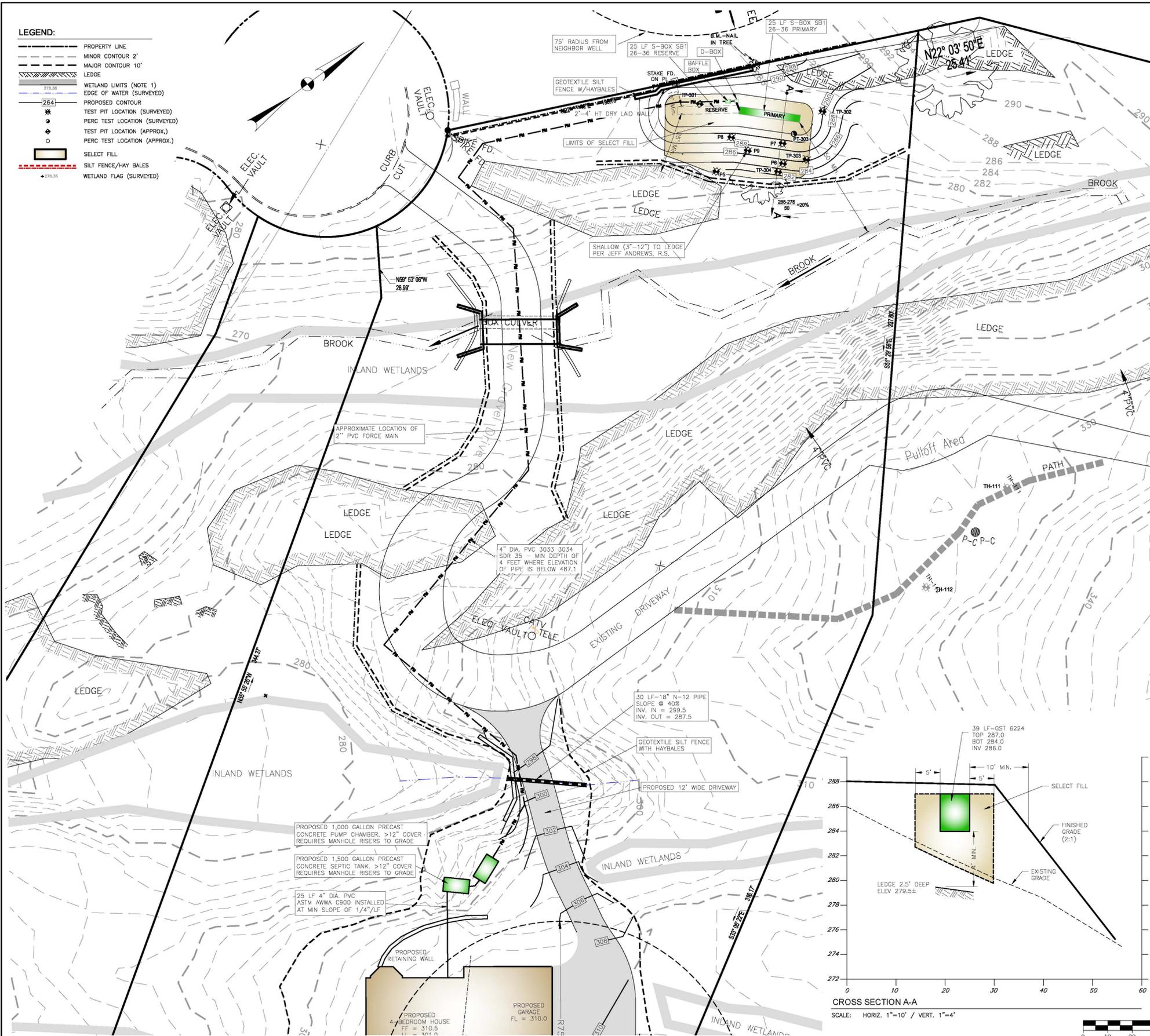
Scale 1"=40'
 Date 12/16/2019

Drawing Title SITE DEVELOPMENT PLAN

SHEET 2 of 3

LEGEND:

---	PROPERTY LINE
- - -	MINOR CONTOUR 2'
- - -	MAJOR CONTOUR 10'
---	LEDGE
---	WETLAND LIMITS (NOTE 1)
---	EDGE OF WATER (SURVEYED)
---	PROPOSED CONTOUR
⊗	TEST PIT LOCATION (SURVEYED)
⊙	PERC TEST LOCATION (SURVEYED)
⊙	TEST PIT LOCATION (APPROX.)
⊙	PERC TEST LOCATION (APPROX.)
■	SELECT FILL
---	SILT FENCE/HAY BALES
---	WETLAND FLAG (SURVEYED)



- GENERAL NOTES:**
- TOPOGRAPHIC SURVEY TAKEN FROM MAP OF PROPERTY PREPARED FOR CHARLES NIENENHOUS DATED: NOV. 15, 2002 LAST REVISED: JUNE 3, 2003 AND PREPARED BY DENNIS A. DELUIS - LAND SURVEYORS NORWALK, CT.
 - EXISTING BUILDING LOCATION MAP FOR LOT AREA=414,381 S.F. / 9.5129 AC. (CORRECTED). TIFFANY LANE, WESTON, CONNECTICUT. PREPARED FOR FRANK & SUSAN VOLLRATH, SCALE 1"=40', DATED NOV 16, 2006, PREPARED BY LAND ENGINEERING ASSOCIATES, INC. MONROE, CT.
 - A2-SURVEY AND SUBDIVISION TAKEN FROM "SUBDIVISION PLAN PREPARED FOR FRANK VOLLRATH & SUSAN VOLLRATH, TOTAL AREA 414,381 S.F. / 9.5129 AC, 11 TIFFANY LANE, ASSESSOR'S LOT 18-2-56", DATED APRIL 27, 2017, SCALE 1"=40', DRAWING SUB.1, BY ARTHUR H. HOWLAND & ASSOCIATES.
 - TOPOGRAPHY WITHIN PROPOSED SEPTIC (300 SERIES TEST PIT LOCATIONS) AREA BY JAY D. KEILLOR, P.E.
 - THE PROPERTY IS CURRENTLY LOCATED IN A TWO ACRE RESIDENTIAL ZONE.
 - NO REVISION TO THIS DRAWING SHALL BE MADE WITHOUT THE APPROVAL OF THE DESIGN ENGINEER AND/OR THE LOCAL HEALTH DEPARTMENT.
 - NO PART OF PROPOSED LEACHING AREA TO BE WITHIN 25' OF ANY FOOTING DRAIN.
 - WATER SERVICE IS TO BE PROVIDED BY PRIVATE WELL.
 - ALL PORTIONS OF THE SEPTIC SYSTEM SHALL BE A MINIMUM OF 10' FROM ANY PROPERTY LINE.
 - ALL CONSTRUCTION SHALL BE IN ACCORDANCE WITH THE STATE OF CONNECTICUT PUBLIC HEALTH CODE AND WITH THE STANDARDS SET FORTH BY THE PRESIDING HEALTH DEPARTMENT, AND BY THE STANDARDS ASSOCIATED WITH GOOD WORKMANSHIP.
 - THE DESIGN ENGINEER SHALL BE NOTIFIED IMMEDIATELY FOR ANY CHANGE DURING CONSTRUCTION. THE CONTRACTOR SHALL NOTIFY THE ENGINEER AND THE LOCAL HEALTH DEPARTMENT AT LEAST TWO WORKING DAYS PRIOR TO BOTH THE PLANNED START OF WORK AND PRIOR TO COVERING THE COMPLETED WASTEWATER DISPOSAL SYSTEM.
 - THIS DESIGN CONFORMS TO ALL STATE AND LOCAL CODE REQUIREMENTS AND GOOD ENGINEERING PRACTICE. WE CANNOT GUARANTEE AGAINST FAILURE DUE TO NATURAL PHENOMENA BEYOND THE SCOPE OF NORMAL FIELD INVESTIGATION.
 - THERE ARE NO KNOWN WELLS WITHIN 75' OF THE PROPOSED SEPTIC SYSTEM UNLESS OTHERWISE SHOWN ON THIS PLAN.
 - THIS WASTEWATER DISPOSAL SYSTEM IS NOT DESIGNED TO ACCEPT DISCHARGES FROM LARGE CAPACITY BATHTUBS, HOTTUBS OR JACUZZIS WHICH DISCHARGE 100 GALLONS OR MORE AT ONE TIME. IF A BATHTUB IN EXCESS OF 100 GALLONS IS TO BE INSTALLED IN THE HOUSE THEN THE SEPTIC SYSTEM WILL HAVE TO BE ENLARGED ACCORDINGLY.
 - PRIOR TO THE START OF WORK THE CONTRACTOR SHALL REVIEW THIS DRAWING AND THE SITE OF THE WORK AND VERIFY ALL ELEVATIONS. THE CONTRACTOR SHALL NOTIFY THE ENGINEER OF ANY DISCREPANCIES PRIOR TO COMMENCING THE WORK.
 - UTILITY LOCATIONS SHOWN ON THE DRAWING ARE APPROXIMATE ONLY AND ALL UTILITIES MAY NOT BE SHOWN. THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING ALL UTILITIES AND FOR THE MAINTENANCE AND PROTECTION THEREOF. THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" (1-800-822-4455) PRIOR TO THE START OF WORK TO ESTABLISH AND HAVE MARKED ON THE GROUND THE LOCATION OF ALL UNDERGROUND UTILITIES. THE CONTRACTOR SHALL NOTIFY THE ENGINEER IN THE EVENT A UTILITY IS LOCATED OR IS UNCOVERED DURING THE PROGRESS OF THE WORK THAT WAS NOT INDICATED ON THE DRAWING.
 - DESIGN ELEVATIONS OF THE WASTEWATER DISPOSAL SYSTEM ARE BASED UPON THE RESULTS OF SOIL TESTS CONDUCTED IN THE LOCATIONS SHOWN ON THE DRAWING. THE CONTRACTOR SHALL CONTACT THE ENGINEER IF SUBSURFACE CONDITIONS ENCOUNTERED DIFFER MATERIALLY FROM THOSE SHOWN.
 - UNLESS OTHERWISE SPECIFIED ALL SOLID SANITARY PIPING AFTER THE SEPTIC TANK SHALL BE 4" DIAMETER PVC ASTM D3034 SDR-35 WITH RUBBER COMPRESSION GASKET, SOLVENT WELDED JOINTS OR APPROVED EQUAL.
 - ALL PIPE PENETRATIONS AT THE SEPTIC TANK AND DISTRIBUTION BOX(ES) SHALL BE SEALED WITH A POLYETHYLENE GASKET.
 - ALL TREES, SHRUBS AND OTHER VEGETATION SHALL BE REMOVED AND ALL TOPSOIL AND EXISTING FILL REMOVED FROM WITHIN THE FILL LIMITS SHOWN. THE EXPOSED SOIL AREA SHALL BE SCARIFIED TO A MINIMUM DEPTH OF 2". SELECT FILL SHALL BE DEPOSITED AND SPREAD IN SUCH A MANNER AS TO KEEP VEHICLE AND CONSTRUCTION EQUIPMENT TRAFFIC OFF OF THE EXPOSED SOIL AREA. SELECT FILL SHALL BE PLACED IN LAYERS NOT TO EXCEED 12 INCHES IN DEPTH. THE ENTIRE AREA OF EACH LAYER SHALL BE COMPACTED BY SUITABLE EQUIPMENT CAPABLE OF ACHIEVING AN APPROXIMATE DRY DENSITY OF EACH LAYER NOT LESS THAN 90% OF THE MAXIMUM DRY DENSITY OF THE MATERIAL AS ACHIEVED BY ASTM D 1557, METHOD C.
 - A RECORD DRAWING OF THE COMPLETED WASTEWATER DISPOSAL SYSTEM SHALL BE PREPARED BY THE CONTRACTOR AND SUBMITTED TO THE LOCAL HEALTH DEPARTMENT PRIOR TO THE FINAL INSPECTION.
 - THE COMPLETED WASTEWATER DISPOSAL SYSTEM SHALL BE PROPERLY COVERED IMMEDIATELY FOLLOWING THE FINAL INSPECTION AND APPROVAL BY THE MADISON HEALTH DEPARTMENT. ALL DISTURBED AREAS SHALL BE RECLAIMED, SEEDED AND MULCHED AS SOON AS IS PRACTICAL AFTER THE COMPLETION OF FINAL GRADING. ALL COMPONENTS OF THE WASTEWATER DISPOSAL SYSTEM SHALL BE PROVIDED WITH A MINIMUM OF 6" OF SOIL COVER. THE GROUND SURFACE IN THE LEACHING FIELD AREA SHALL BE GRADED SO AS TO DIRECT SURFACE WATER AWAY FROM THE AREA.
 - THE CONTRACTOR SHALL PROVIDE AND MAINTAIN EROSION AND SEDIMENT CONTROLS AS SHOWN ON THE DRAWING OR AS DIRECTED. ADEQUATE PROVISIONS SHALL BE TAKEN TO PROTECT ALL DISTURBED AREAS AND ALL WORK IN PROGRESS FROM SURFACE WATER FLOW DAMAGE. EROSION AND SEDIMENT CONTROLS SHALL BE MAINTAINED UNTIL ALL DISTURBED AREAS HAVE STABILIZED.
 - SELECT FILL MATERIAL AND SELECT BACKFILL MATERIAL, PLACED WITHIN AND ADJACENT TO PROPOSED LEACHING AREAS SHALL BE COMPRISED OF CLEAN SAND AND GRAVEL, FREE OF ORGANIC MATTER AND FOREIGN SUBSTANCES. THE FILL MATERIAL SHALL MEET THE FOLLOWING REQUIREMENTS UNLESS OTHERWISE APPROVED BY A PROFESSIONAL ENGINEER FOR USE WITHIN THE LEACHING AREA.

REQUIRED % PASSING		
SIEVE	WET SIEVE	DRY SIEVE
#4	100%	100%
#10	70-100%	70-100%
#40	10-50%(see note below)	10-50%(see note below)
#100	0-20%	0-5%
#200	0-5%	0-2.5%

NOTE: 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%. THE RESPONSIBILITY FOR THE PREPARATION OF A LEACHING AREA UTILIZING "SELECT MATERIAL" IS THAT OF THE LICENSED INSTALLER. THE INSTALLER SHALL TAKE THE NECESSARY STEPS TO PROTECT THE UNDERLYING NATURALLY OCCURRING SOILS FROM OVERCOMPACTION AND SILTATION

SOIL TEST RESULTS

DEEP TEST PIT RESULTS - DONE ON 6/19/17

TEST HOLE #301	TEST HOLE #305
0-4" TOPSOIL	24" TO LEDGE
4-35" OB SANDY LOAM	
NO LEDGE	
TEST HOLE #302	TEST HOLE #306
0-4" TOPSOIL	24" TO LEDGE
4-44" OB SANDY LOAM	
LEDGE @ 44"	
TEST HOLE #303	TEST HOLE #307
0-4" TOPSOIL	24" TO LEDGE
4-32" OB SANDY LOAM	
LEDGE @ 32"	
TEST HOLE #304	TEST HOLE #308
0-4" TOPSOIL	24" TO LEDGE
4-26" OB SANDY LOAM	
LEDGE @ 26"	
TEST HOLE #305	TEST HOLE #309
0-4" TOPSOIL	24" TO LEDGE
4-29" OB SANDY LOAM	
LEDGE @ 29"	
TEST HOLE #306	TEST HOLE #310
0-4" TOPSOIL	24" TO LEDGE
4-42" OB SANDY LOAM	
LEDGE @ 42"	
TEST HOLE #307	TEST HOLE #311
LEDGE @ 12"	LEDGE @ 17"
TEST HOLE #309	TEST HOLE #312
LEDGE @ 11"	LEDGE @ 27"

PERCOLATION TEST RESULTS

PERCOLATION TEST NUMBER: P-302

DEPTH OF HOLE: 14" / DIAMETER: 8"

PRE-SOAKED HOLE WITH 2 GALLONS OF H2O / 1 HOUR DRY

REFILLED HOLE WITH 2 GALLONS OF H2O

TIME	ELAPSED TIME	DEPTH	DROP
10:55	0 MIN	3"	
11:05	10 MIN	8"	6"
11:15	10 MIN	10 1/2"	2 1/2"
11:25	10 MIN	13"-DRY	2 1/2"

AFTER 30 MINUTES THE MINIMUM OBSERVED PERCOLATION RATE IS 1" DROP / 4 MIN

PERCOLATION TEST NUMBER: P-306

DEPTH OF HOLE: 14" / DIAMETER: 8"

PRE-SOAKED HOLE WITH 2 GALLONS OF H2O

TIME	ELAPSED TIME	DEPTH	DROP
10:05	0 MIN	2"	
10:15	10 MIN	7 1/2"	5 1/2"
10:25	10 MIN	11 1/2"	4"
10:35	10 MIN	13 1/2"	2"
10:45	10 MIN	14"-DRY	1/2"

AFTER 40 MINUTES THE MINIMUM OBSERVED PERCOLATION RATE IS 1" DROP / 5.0 MIN

PERC-C: RATE = 10-20 MIN./IN

DESIGN ANALYSIS

DESIGN FOR PROPOSED 4 BEDROOM HOUSE

PERCOLATION RATE = 1-5 MIN./IN

EFFECTIVE LEACHING AREA = 660 S.F.

AVERAGE DEPTH TO RESTRICTIVE LAYER - LEACHING AREA

35" (TP 301) + 44" (TP 302) / 2

79" / 2 = 39.5" PLUS 24" (FILL) = 59.5"

AVERAGE DEPTH TO RESTRICTIVE LAYER - DOWN GRADIENT

32" (TP 303) + 26" (TP 304) / 2

58" / 2 = 29"

AVERAGE DEPT TO RESTRICTIVE LAYER w/24" FILL

59.5" + 29" / 2 = 44.25"

AVERAGE GROUND SLOPE = 8/50 = 16% USE >15.0%

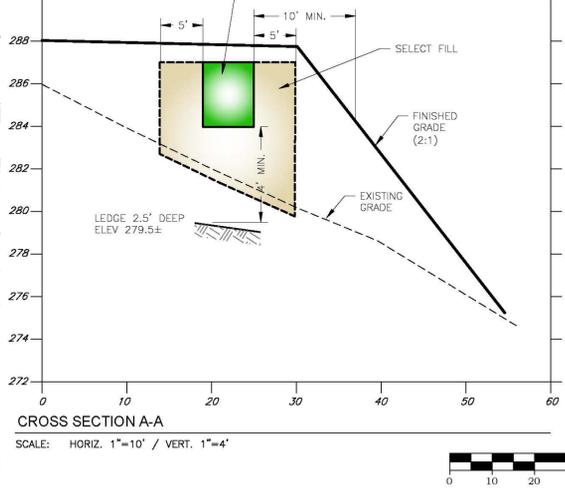
M.L.S.S. CALCS DESIGN

HF = 14 39 LF - GST 6224 @ 18.1 SF/LF

PF = 1.2 PROVIDING 202 S.F. EFFECTIVE LEACHING AREA

FF = 2.0

(HF)(PF)(FF) = 33.6 LF



No.	Date	REVISION DESCRIPTION

THIS SURVEY AND MAP HAS BEEN PREPARED IN ACCORDANCE WITH SECTIONS 20-300B-1 TO 20-300B-22 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES. IT IS A MAP BASED ON A DEPENDENT RESURVEY CONFORMING TO HORIZONTAL ACCURACY CLASS A-2, TO THE BEST OF MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

Fred D'Amico

FRED D'AMICO CONN. P.E., L.S. 10833

D'AMICO ASSOCIATES
SURVEYING & ENGINEERING CONSULTANTS

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OXFORD, CONNECTICUT 06478
P: (203) 881-3184
F: (203) 881-0248
damicoassociates@sbjglobal.net

Job No. xxx
Scale 1"=20'

Drn By DRR
Date 12/16/2019

Project Name
11 TIFFANY LANE
WESTON, CONNECTICUT

PREPARED FOR
FRANK VOLLRATH

Drawing Title
NEW PROPOSED ON-SITE SEWAGE
DISPOSAL PLAN

SHEET 3 of 3



Incorporated 1787

Conservation Commission

REGULAR MEETING

August 27, 2020; 7:30 P.M.

Due to the COVID-19 State of Emergency, the meeting will be held by internet and phone

Join with Google Meet: <https://meet.google.com/xsy-rvpk-zco>

Join by phone: (US) +1 260-286-0318 (PIN: 942179936)

Applicable Documents found here: <https://www.westonct.gov/government/boards-commissions/appointed/conservation-commission>

AGENDA

- Receipt of Application: Frank & Susan Vollrath [owner], Fred D'Amico of D'Amico Associates [agent]; 11 Tiffany Lane; Two-Lot Subdivision/Resubdivision [20-12]
- Receipt of Application: Steven & Kathryn Knapp [owner], Mike Huminsky of ABC Septic [agent]; 306 Lyons Plain Road; Replace Septic System for Cottage [20-13]
- Receipt of Application: Aspetuck Valley Country Club [owner], LANDTECH [agent]; 67 Old Redding Road; Fairway & Hole Improvements [20-14]
- Discussion/Decision: Daniel Rosenberg & Cheryl Sokolow; 4 Tiffany Lane; Detached Two-Car Garage & Driveway Extension [20-04]
- Discussion/Decision: Daniel Rosenberg & Cheryl Sokolow; 4 Tiffany Lane; Rear Deck [20-10]
- Discussion/Decision: Norma & Harry Topalian [owner], Bryan Nesteriak, P.E., L.S. at B&B Engineering, LLC [agent]; 50 Merry Lane; Addition to Dwelling, Driveway & Related Site Improvements [20-06]
- Discussion/Decision: Jonathan Rogers; 142 Steep Hill Road; Single-Family Home, Widen Driveway, Extend Culvert & Related Site Improvements [20-07]
- Discussion/Decision: Andrew & Aimee Stumm; 24 North Avenue; Pool & Relocate Water Softener Discharge [20-08]
- Discussion/Decision: Scott & Allison Lisbon [owner], Nazzaro, Inc. [agent]; 301 Newtown Tpke; Pond Restoration [20-11]
- Approval of Minutes: July 23, 2020

Other Business:

56 Norfield Road, P.O. Box 1007, Weston, CT 06883 Tel: (203) 222-2618



Incorporated 1787

Conservation Commission

NOTICE

Notice is hereby given, that the following application was received by the Weston Conservation Commission on August 27, 2020. This application will be on the agenda for discussion/decision at the next Conservation Commission meeting on Thursday, September 24, 2020, at 7:30 p.m. which will be held via internet and phone, due to the COVID-19 State of Emergency:

Frank & Susan Vollrath [owner], Fred D'Amico of D'Amico Associates [agent];
11 Tiffany Lane; Two-Lot Subdivision/Resubdivision [20-12]

The Commission's file is available on the Conservation Commission's page of The Town of Weston's website at:

<https://www.westonct.gov/government/boards-commissions/appointed/conservation-commission>

Below are the participation instructions, via internet and phone, for the Commission's September 24, 2020 Google Meet meeting:

Join with Google Meet: <https://meet.google.com/rcb-urbt-btp>
Join by phone +1 720-248-9768 (PIN: 220964369)



Incorporated 1787

Conservation Commission

NOTICE

Notice is hereby given, that the members of the Weston Conservation Commission will be conducting a site walk of the following properties on Saturday, September 12, 2020, commencing at 8:00 a.m.:

Frank & Susan Vollrath [owner], Fred D'Amico of D'Amico Associates [agent];
11 Tiffany Lane; Two-Lot Subdivision/Resubdivision [20-12]

Steven & Kathryn Knapp [owner], Mike Huminsky of ABC Septic [agent];
306 Lyons Plain Road; Replace Septic System for Cottage [20-13]

Aspetuck Valley Country Club [owner], LANDTECH [agent];
67 Old Redding Road; Fairway & Hole Improvements [20-14]