

INLAND WETLANDS
COMMISSION
Telephone (203) 563-0180
Fax (203) 563-0284



TOWN HALL
238 Danbury Road
Wilton, Connecticut 06897

APPLICATION FOR AN INTERMEDIATE REGULATED ACTIVITY

For Office Use Only:

WET# _____	
Filing Fee \$ _____	Wilton Land Record Map# _____
Date of Submission _____	Volume # _____ Page # _____
Date of Acceptance _____	Assessor's Map # _____ Lot# _____

APPLICANT INFORMATION:

Applicant _____	Agent (if applicable) _____
Address _____ _____	Address _____ _____
Telephone _____	Telephone _____
Email _____	Email _____

PROJECT INFORMATION:

Property Address _____	Site Acreage _____
Acres of altered Wetlands On-Site _____	Cu. Yds. of Material Excavated _____
Linear Feet of Watercourse _____	Cu. Yds. of Material to be Deposited _____
Linear Feet of Open Water _____	Acres of altered upland buffer _____
Sq. Ft. of proposed and/or altered impervious coverage _____	Sq. Ft. of disturbed land in regulated area _____

APPLICATION REQUIREMENTS:

Is The Site Within a Public Water Supply
Watershed Boundary? NO _____ YES* _____

Is The Site Within 500 Feet of a Town Boundary?
NO _____ YES* _____

* If the answer is yes, then the applicant is responsible for notifying the appropriate water authority and/or adjoining community's Wetlands Department. Instructions for notification are available at the office of the commission.

Project Description and Purpose: _____

In addition, the applicant shall provide nine (9) collated copies of the following information as well as an electronic submission via email to mike.conklin@wiltonct.org & elizabeth.larkin@wiltonct.org **

- () A. Written consent from the owner authorizing the agent to act on his/her behalf
- () B. A Location Map at a scale of 1" = 800'
- () C. ***A Site Plan showing existing and proposed features at a scale not to exceed 1" = 40'***
 - D. Sketch Plans depicting the alternatives considered
 - E. Names and addresses of adjoining property owners
 - F. A narrative describing, in detail
 - a. the proposed activity
 - b. the alternatives considered
 - c. impacts
 - d. proposed mitigation measures
 - G. Soils Report prepared by a Certified Soil Scientist and Wetlands Map prepared by a Registered Land Surveyor
- () H. Description of the chemical and physical characteristics of fill material to be used in the Regulated Area
- () I. Description and maps detailing the watershed of the Regulated Area
- () J. One original application and eight (8) copies

****Application materials shall be collated and copies of documents more than two pages in length shall be double sided.**

See Section 7 of the Wetlands and Watercourses Regulations of the Town of Wilton for a more detailed description of applications requirements.

The Applicant or his/her agent certifies that he is familiar with the information provided in this application and is aware of the penalties for obtaining a permit through deception, inaccurate or misleading information.

By signing this application, permission is hereby given to necessary and proper inspections of the subject property by the Commissioners and designated agents of the Commission or consultants to the Commission, at reasonable times, both before and after a final decision has been rendered.

Applicant's Signature:_____ Date:_____

Agent's Signature (if applicable):_____ Date:_____

April 6, 2022

Town of Wilton
Inland Wetlands Commission
Town Annex
238 Danbury Road
Wilton, CT 06897

Re: 11 Bossy Lane

To Whom It May Concern,

I authorize Michele Micoli and Dainius Virbickas of Artel Engineering Group, LLC to act as my agent with respect to all applications and meetings with the Inland Wetlands Commission relating to the project located at 11 Bossy Lane in Wilton, Connecticut.

Sincerely,

A handwritten signature in black ink, appearing to read 'Tom or Mary Araujo', written in a cursive style.

Tom or Mary Araujo
Property owners

ARTEL ENGINEERING GROUP, LLC

CIVIL, ENVIRONMENTAL AND MUNICIPAL ENGINEERS • PROJECT MANAGERS • SITE PLANNERS • PERMIT EXPEDITORS
304 FEDERAL ROAD, SUITE 308, BROOKFIELD, CONNECTICUT 06804 — PHONE: 203-740-2033 • FAX: 203-740-2067

MEMO

TO: Inland Wetlands Commission
Town of Wilton

FROM: Elizabeth Merrihew, Artel Engineering

RE: 11 Bossy Lane - Cut & Fill

DATE: April 28, 2022

The following is an explanation of the cut and fill materials for the installation of the septic system repair.

Excavate and remove approximately 250 cubic yards of existing material;

Replace with select septic fill and C-33 sand for leaching fields with one row of 6' w x 12" deep x 63 lin ft of Eljen Mantis leaching product so; 236 cubic yards of septic fill to replace excavated material;

Cover system with 6" topsoil FILL x 36' x 73' = 50 cubic yards

NET FILL = 36 cubic yards total.

JMM WETLAND CONSULTING SERVICES, LLC

23 Horseshoe Ridge Road
Newtown, CT 06482
Phone: 203-364-0345

REPORT DATE: January 8, 2020
PAGE 1 OF 3

ON-SITE SOIL INVESTIGATION REPORT

PROJECT NAME & SITE LOCATION:

Project Site
11 Bossy Lane
Wilton, Connecticut

JMM Job No.: 19-2532-WLT-3

Field Investigation Date(s): 12/20/19

Field Investigation Method(s):

- ☒ Spade and Auger
☐ Backhoe Test Pits
☐ Other: _____

REPORT PREPARED FOR:

Mr. Tom Araujo
11 Bossy Lane
Wilton, CT 06897

Field Conditions:

Weather: Sunny, 20's
Soil Moisture: Moist
Snow Depth: N/A
Frost Depth: N/A

Purpose of Investigation:

- ☒ Wetland Delineation/Flagging in Field
☐ Wetland Mapping on Sketch Plan or Topographic Plan
☐ High Intensity Soil Mapping by Soil Scientist
☒ Medium Intensity Soil Mapping from NRCS Soil Survey Maps
☐ Other: _____

Base Map Source: USDA-NRCS Web Soil Survey (attached)

Wetland Boundary Marker Series: JMM-1 to JMM-25

General Site Description/Comments: The subject site is located on the east site of the cul-de-sac to Bossy Lane, in Wilton, CT. This +/- 1.16-acre site is comprised of a single-family residence, maintained lawn, landscaped areas, paved driveway, detached garage, forested upland areas, and forested and wet maintained lawn wetland areas, which include two watercourses (see Figure 1, attached). The soil types were found to be both undisturbed and disturbed. The disturbed soils were noted to be scattered throughout the site. The undisturbed soils are derived from glacial till (i.e., unstratified sand, silt, and rock) deposits. The undisturbed "upland type" soils are comprised of the well to somewhat excessively drained Charlton-Chatfield (73) soils series complex and the moderately well drained Sutton (50) soil series. Any disturbed upland and wetland soils were mapped as the Udorthents (308) and Aquents (308w) soil mapping units. The undisturbed "wetland-type" soils were identified as the poorly to very poorly drained Ridgebury, Leicester, and Whitman (3) soil series complex. The "regulated areas" associated with the site consist two watercourses and their associated mix of forested and wet maintained lawn wetland areas located along the eastern and southern parts of the site (JMM #-series). Typical vegetation observed within the regulated area included such species as red maple, ash, American elm, hickory, spicebush, multiflora rose, Japanese barberry, firebush, skunk cabbage, jewelweed, sedges, purple willow herbs, asters, Asiatic bittersweet, poison ivy, and grasses, to name a few.

ON-SITE SOIL INVESTIGATION REPORT (CONTINUED)

PROJECT NAME & SITE LOCATION: Project Site
11 Bossy Lane, Wilton, CT

SOIL MAP UNITS**Wetland Soils**

Ridgebury fine sandy loam (3). This soil series consists of deep, poorly and somewhat poorly drained soils formed in a coarse-loamy mantle underlain by firm, compact glacial till on uplands. They are nearly level to moderately steep soils on till plains, low ridges and drumloidal landforms. The soils formed in acid glacial till derived mainly from schist, gneiss or granite. Typically these soils have a black sandy loam surface layer 6 inches thick. The mottled subsoil from 6 to 16 inches is olive gray sandy loam. The mottled substratum from 16 to 60 inches is a light olive brown and olive, very firm and brittle gravelly sandy loam.

Leicester fine sandy loam (3). This series, which is some Connecticut counties is found only in complex with the Ridgebury and Whitman series, consists of deep, poorly drained loamy soils formed in friable glacial till on uplands. They are nearly level to gently sloping soils in drainage ways and low-lying positions on till covered uplands. The soils formed in acid glacial till derived mainly from schist, gneiss or granite. Typically, these soils have a surface layer of black fine sandy loam 6 inches thick. The subsoil from 6 to 23 inches is grayish brown, mottled fine sandy loam. The substratum from 26 to 60 inches or more is dark yellowish brown, mottled, friable, gravelly fine sandy loam.

Whitman fine sandy loam (3). This series, which is some Connecticut counties is only mapped in complex with the Ridgebury and Leicester series, consists of deep, very poorly drained soils formed in a coarse-loamy mantle underlain by firm, compact glacial till on uplands. They are nearly level and gently sloping soils on till plains, low ridges and drumloidal landforms. The soils formed in acid glacial till derived mainly from schist, gneiss or granite. Typically these soils have a black fine sandy loam surface layer 8 inches thick. The mottled subsoil from 8 to 15 inches is gray sandy loam. The mottled substratum from 15 to 60 inches is firm, olive gray to gray dense glacial till.

Aquents (308w). This soil map unit consists of poorly drained and very poorly drained disturbed land areas. They are most often found on landscapes, which have been subject to prior filling and/or excavation activities. In general, this soil map unit occurs where two or more feet of the original soil surface has been filled over, graded or excavated. The *Aquents* are characterized by a seasonal to prolonged high ground water table and either support or are capable of supporting wetland vegetation. *Aquents* are recently formed soils, which have an aquic moisture regime. An aquic moisture regime is associated with a reducing soil environment that is virtually free of dissolved oxygen because the soil is saturated by groundwater or by water of the capillary fringe. The key feature is the presence of a ground water table at or very near to the soil surface for a period of fourteen days or longer during the growing season.

Upland Soils

Charlton very stony fine sandy loam (73). This series consists of very deep, well drained coarse-loamy soils formed in friable, glacial till on uplands. They are nearly level to very steep soils on till plains and hills. The soils formed in acid glacial till derived mainly from schist, gneiss or granite. In tilled areas, these soils have a surface layer of dark brown fine sandy loam 8 inches thick. The subsoil from 8 to 26 inches is yellowish brown fine sandy loam and sandy loam. The substratum from 26 to 60 inches or more is grayish brown gravelly fine sandy loam.

ON-SITE SOIL INVESTIGATION REPORT (CONTINUED)

PROJECT NAME & SITE LOCATION: Project Site
11 Bossy Lane, Wilton, CT

SOIL MAP UNITS

Chatfield fine sandy loam (73). This series consists of moderately deep, well drained, and somewhat excessively drained soils formed in till. They are nearly level to very steep soils on glaciated plains, hills, and ridges. Slope ranges from 0 to 70 percent. Crystalline bedrock is at depths of 20 to 40 inches. Permeability is moderate or moderately rapid.

Sutton stony fine sandy loam (50). This series consists of deep, moderately well drained loamy soils formed in friable, glacial till on uplands. They are nearly level to steeply sloping soils on till plains, low ridges and hills, being typically located on lower slopes and in slight depressions. The soils formed in acid glacial till derived mainly from schist, gneiss or granite. Typically, these soils have a surface layer of dark brown fine sandy loam 8 inches thick. The subsoil from 8 to 28 inches is yellowish brown, mottled fine sandy loam and sandy loam. The substratum from 28 to 60 inches or more is light olive brown fine sandy loam.

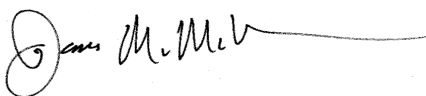
Udorthents (308). This soil mapping unit consists of well drained to moderately well drained soils that have been altered by cutting, filling, or grading. The areas either have had two feet or more of the upper part of the original soil removed or have more than two feet of fill material on top of the original soil. *Udorthents* or Made Land soils can be found on any soil parent material but are typically fluvial on glacial till plains and outwash plains and stream terraces.

Any accompanying soil logs and soil maps, and the on-site soil investigation narrative are in accordance with the taxonomic classification of the National Cooperative Soil Survey of the USDA Natural Resource Conservation Service, and with the Connecticut Soil Legend (DEP Bulletin No.5, 1983). Jurisdictional wetland boundaries were delineated pursuant to the Connecticut General Statutes (CGS Sections 22a-36 to 22a-45), as amended. The site investigation was conducted and/or reviewed by the undersigned Registered Soil Scientist(s) [registered with the Society of Soil Scientists of Southern New England (SSSSNE) in accordance with the standards of the Federal Office of Personnel Management].

All wetland boundary lines established by the undersigned Soil Scientist are subject to change until officially adopted by, local, state, and federal regulatory agencies.

Respectfully submitted,

JMM WETLAND CONSULTING SERVICES, LLC



James M. McManus, MS, CPSS
Certified Professional Soil Scientist
Field Investigator/Reviewer

FIGURE 1: 11 Bossy Lane, Wilton, CT
Town GIS Aerial Photo Showing the Approximate Location of Wetland and Property Boundaries.

Town of Wilton

Geographic Information System (GIS)



MAP DISCLAIMER - NOTICE OF LIABILITY

This map is for assessment purposes only. It is not for legal description or conveyances. All information is subject to verification by any user. The Town of Wilton and its mapping contractors assume no legal responsibility for the information contained herein.

Zoning Effective: July 28, 2017

Planimetrics Updated: 2014

Approximate Scale: 1 inch = 75 feet



Soil Map—State of Connecticut
(11 Bossy Lane, Wilton, CT)



Map Scale: 1:2,980 if printed on A landscape (11" x 8.5") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84




Natural Resources
Conservation Service

Web Soil Survey
National Cooperative Soil Survey

12/9/2019
Page 1 of 3


MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service

Web Soil Survey URL:

Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: State of Connecticut

Survey Area Data: Version 19, Sep 13, 2019

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

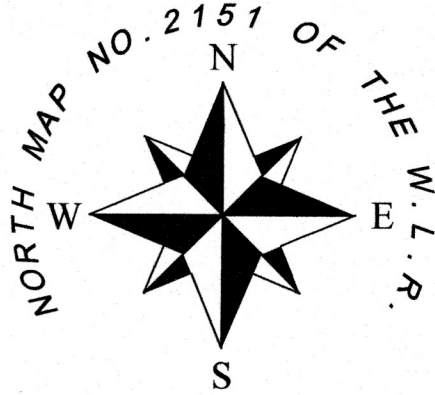
Date(s) aerial images were photographed: Dec 31, 2009—Oct 5, 2016

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

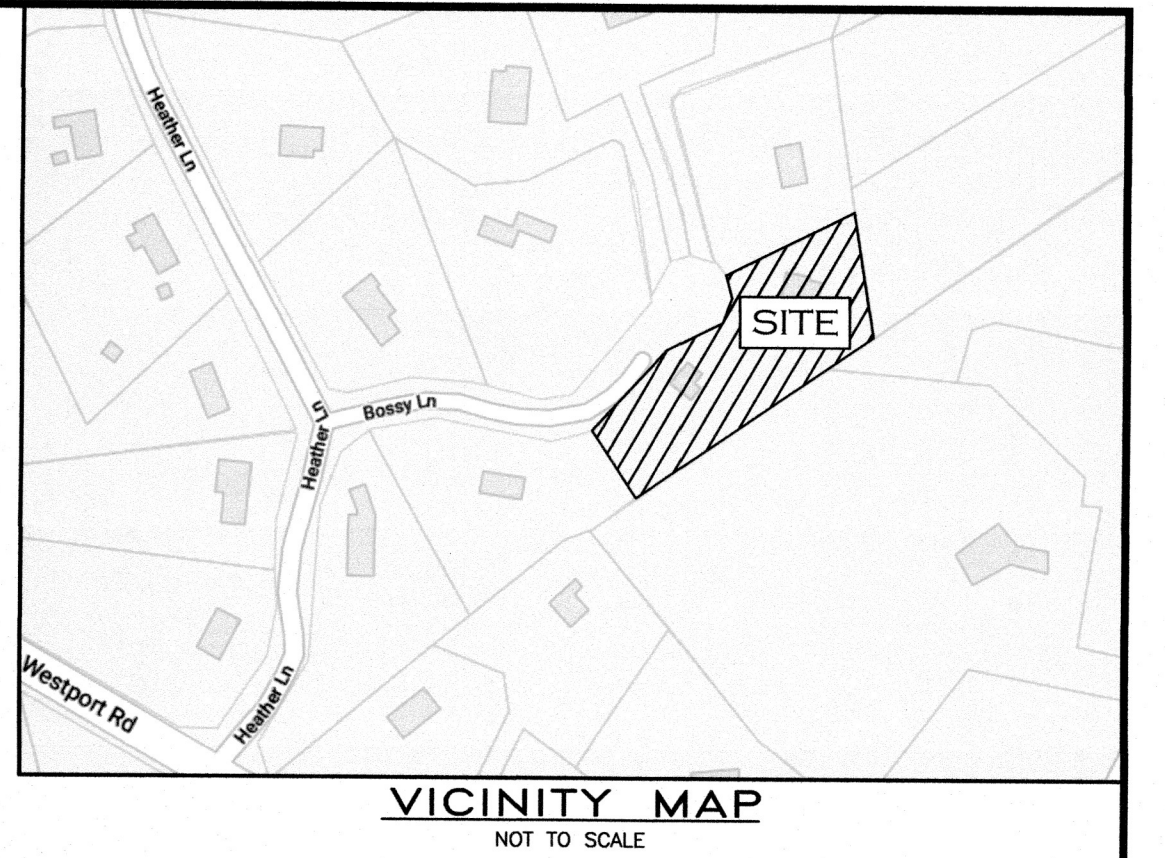
Map Unit Legend

Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
3	Ridgebury, Leicester, and Whitman soils, 0 to 8 percent slopes, extremely stony	10.6	23.5%
45A	Woodbridge fine sandy loam, 0 to 3 percent slopes	0.2	0.5%
45B	Woodbridge fine sandy loam, 3 to 8 percent slopes	10.5	23.3%
60C	Canton and Charlton fine sandy loams, 8 to 15 percent slopes	0.5	1.0%
73C	Charlton-Chatfield complex, 0 to 15 percent slopes, very rocky	21.6	47.8%
84B	Paxton and Montauk fine sandy loams, 3 to 8 percent slopes	1.8	3.9%
Totals for Area of Interest		45.1	100.0%





LOT 6
NOW OR FORMERLY
JOAN H. GLASER
VOL.862 PG.63 - OF THE W.L.R.
MAP NO.2151



VICINITY MAP
NOT TO SCALE

DEEP TEST DATA

DTH #1
CONDUCTED BY OTHERS - ON FILE AT WILTON HEALTH DEPARTMENT
DATE: 10/24/19
0'-27" MISC. FILL MIXED WITH ORIGINAL TOPSOIL
27'-48" RED/BROWN SILTY FINE SANDY LOAM
48'-65" TAN/GRAY SANDY LOAM
NO LEDGE
NO GROUND WATER
RESTRICTIVE @ 38" (65'-27")

DTH #2
CONDUCTED BY OTHERS - ON FILE AT WILTON HEALTH DEPARTMENT
DATE: 10/24/19
BURY HOLE
0'-36" RED/BROWN SILTY FILL WITH STUMPS
36'-65" BLACK/DARK GRAY SOIL MIXED WITH STUMPS

DTH #3
CONDUCTED BY OTHERS - ON FILE AT WILTON HEALTH DEPARTMENT
DATE: 10/24/19
0'-40" MISC. FILL BURIED BOULDERS

DTH #4
CONDUCTED BY ARTEL ENGINEERING
DATE: 1/28/22
MISC. FILL DISTURBED
GROUND WATER @ 40"

DTH #5
CONDUCTED BY ARTEL ENGINEERING
DATE: 1/28/22
0'-24" MISC. FILL
24'-36" ORIGINAL TOPSOIL
36'-65" RED/BROWN MOTTLED SILTY SANDY LOAM
NO LEDGE
GROUND WATER @ 58"
MOTTLED @ 38"
RESTRICTIVE @ 12"

DTH #6
CONDUCTED BY ARTEL ENGINEERING
DATE: 1/28/22
0'-8" TOPSOIL
8'-29" RED/BROWN SILTY SANDY LOAM/POTENTIAL FILL
29'-62" SEWAGE STAINED MOTTLED GRAY SILTY SANDY LOAM
HIT SEPTIC AT 24"

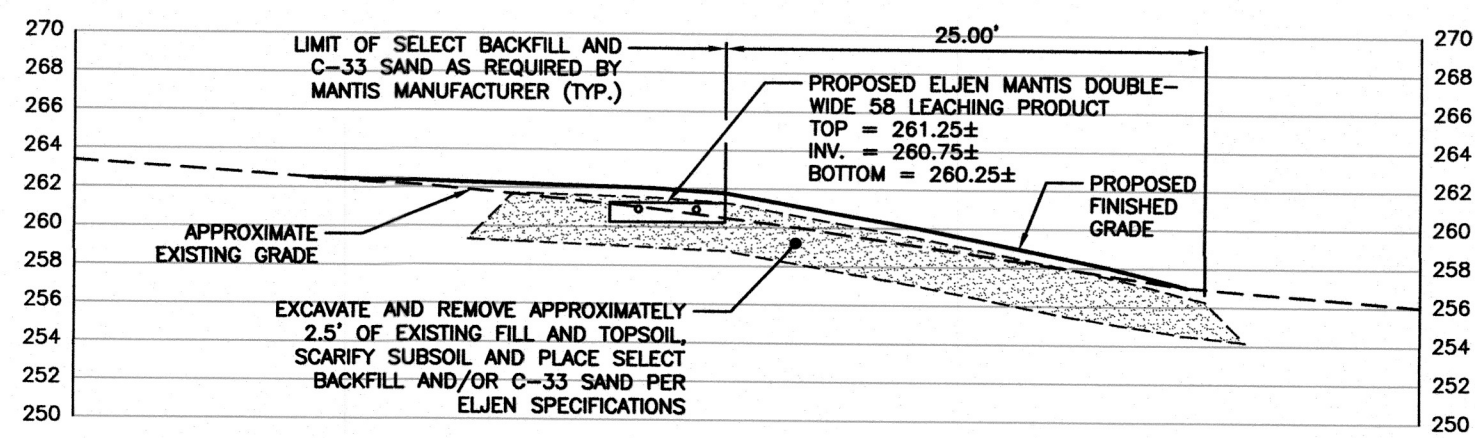
DTH #7
CONDUCTED BY ARTEL ENGINEERING
DATE: 1/28/22
0'-36" MISC. FILL
36'-65" ORIGINAL TOPSOIL
48'-62" MISC. FILL BOULDERS - DISTURBED

PERCOLATION TEST DATA

PERCOLATION RATE IN ORIGINAL SOIL 1" IN 40 MINUTES

WAIVER SOUGHT

* 16"± TO FOUNDATION DRAIN, 25" REQUIRED



SECTION A-A

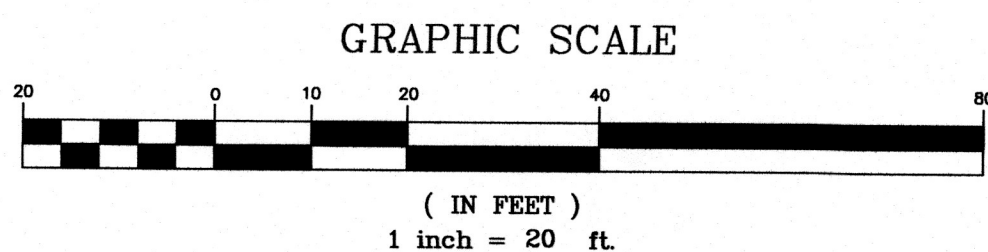
SCALE: 1" = 10'
(VERTICAL AND HORIZONTAL)

LEGEND

- PROPERTY LINE
- SETBACK LINE
- EXISTING CATCH BASIN
- EXISTING HYDRANT
- EXISTING UTILITY POLE
- APPROXIMATE LOCATION OF DEEP TEST HOLE BY OTHERS
- APPROXIMATE LOCATION OF DEEP TEST HOLE BY ARTEL ENGINEERING GROUP
- EXISTING CONTOUR
- EXISTING SPOT ELEVATION
- PROPOSED CONTOUR
- PROPOSED SPOT ELEVATION
- APPROXIMATE WETLANDS BOUNDARY
- 100' REGULATED AREA LINE
- APPROXIMATE ZONE BOUNDARY

EROSION CONTROL LEGEND

- PROPOSED SILT FENCE
- PROPOSED SOIL STOCKPILE
- PROPOSED AREA OF PERMANENT SEEDING



IMPORTANT NOTE:
CONTRACTOR IS TO CONTACT "CALL BEFORE YOU DIG" (1-800-922-4455) TO HAVE ALL EXISTING UTILITIES LOCATED AND MARKED PRIOR TO ANY DEMOLITION, CONSTRUCTION OR EXCAVATION ON THE SITE.

IMPORTANT NOTE:
IT IS UNDERSTOOD THAT "ARTEL ENGINEERING GROUP, LLC" HAS NOT BEEN RETAINED FOR THE REVIEW OF THE IMPLEMENTATION OF THE DESIGN, AND OBSERVATION OF CONSTRUCTION. THE OWNER SHALL EMPLOY UNDER SEPARATE CONTRACT FOR SUCH SERVICE AS REQUIRED.

IMPORTANT NOTE:
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT WORKSCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR APPLICABLE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS AND IN FULL CONFORMANCE WITH LOCAL REGULATIONS AND CODES.

ARTEL ENGINEERING GROUP, LLC
304 FEDERAL ROAD - SUITE 308
BROOKFIELD, CONNECTICUT 06804
WWW.ARTELENGINEERING.COM
PHONE: (203) 740-2033 FAX: (203) 740-2067

CIVIL ENGINEERS
ENVIRONMENTAL ENGINEERS
MUNICIPAL ENGINEERS

PROJECT MANAGERS
SITE PLANNERS
PERMIT EXPEDITORS

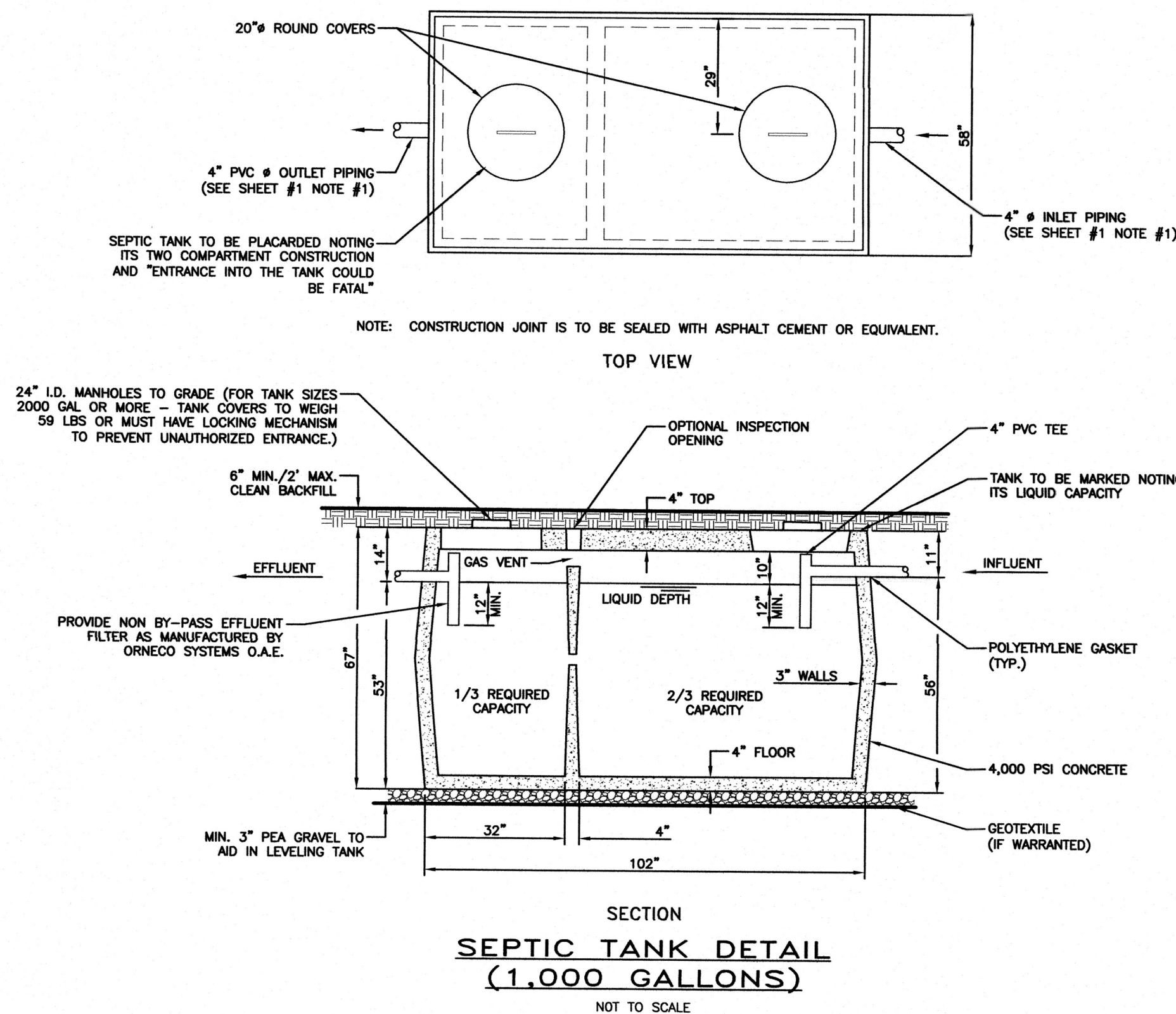
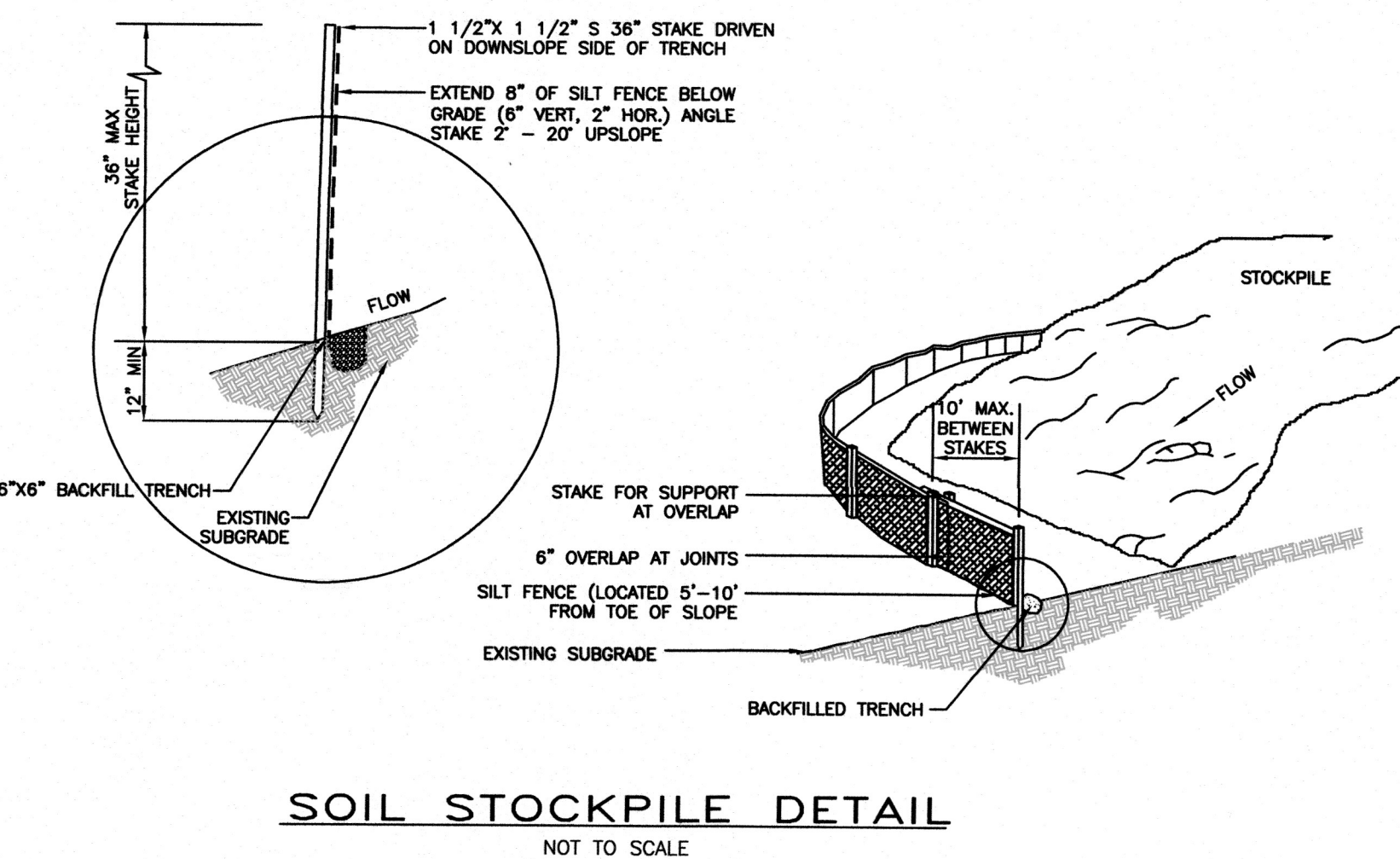
ELJEN MANTIS DOUBLE-WIDE 58

NCR - SEPTIC PLAN

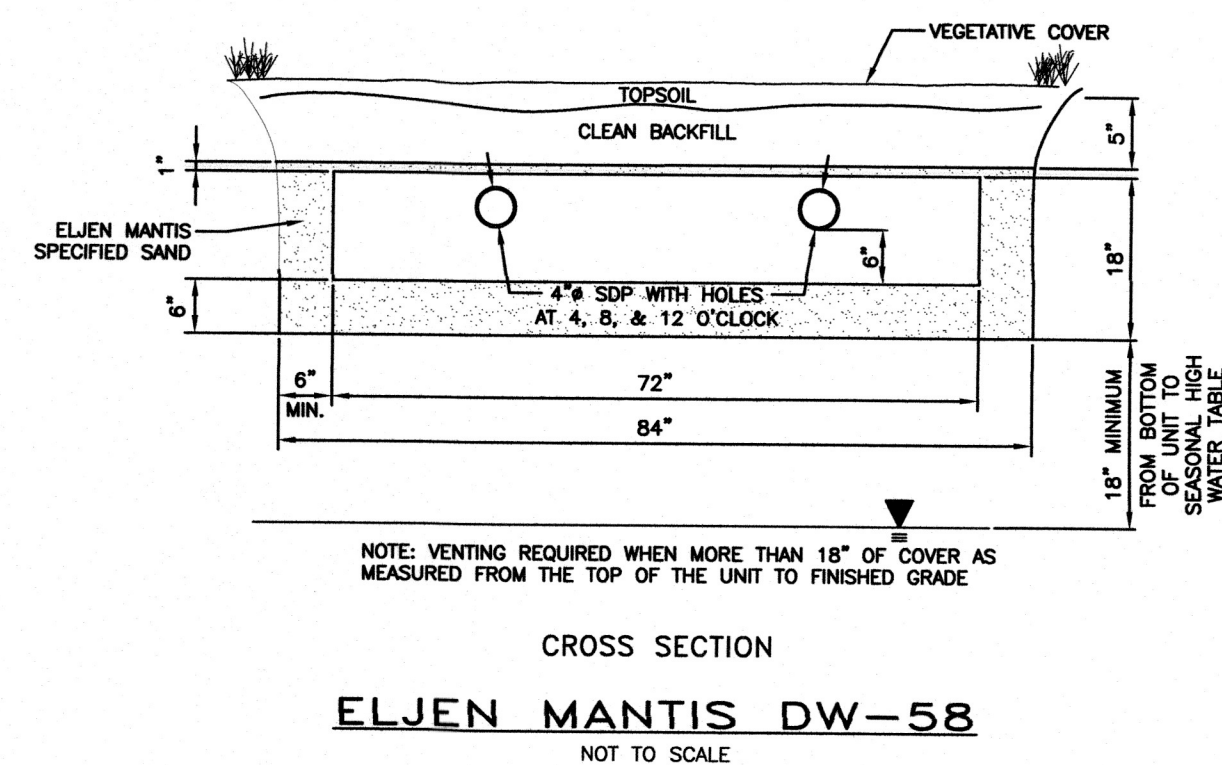
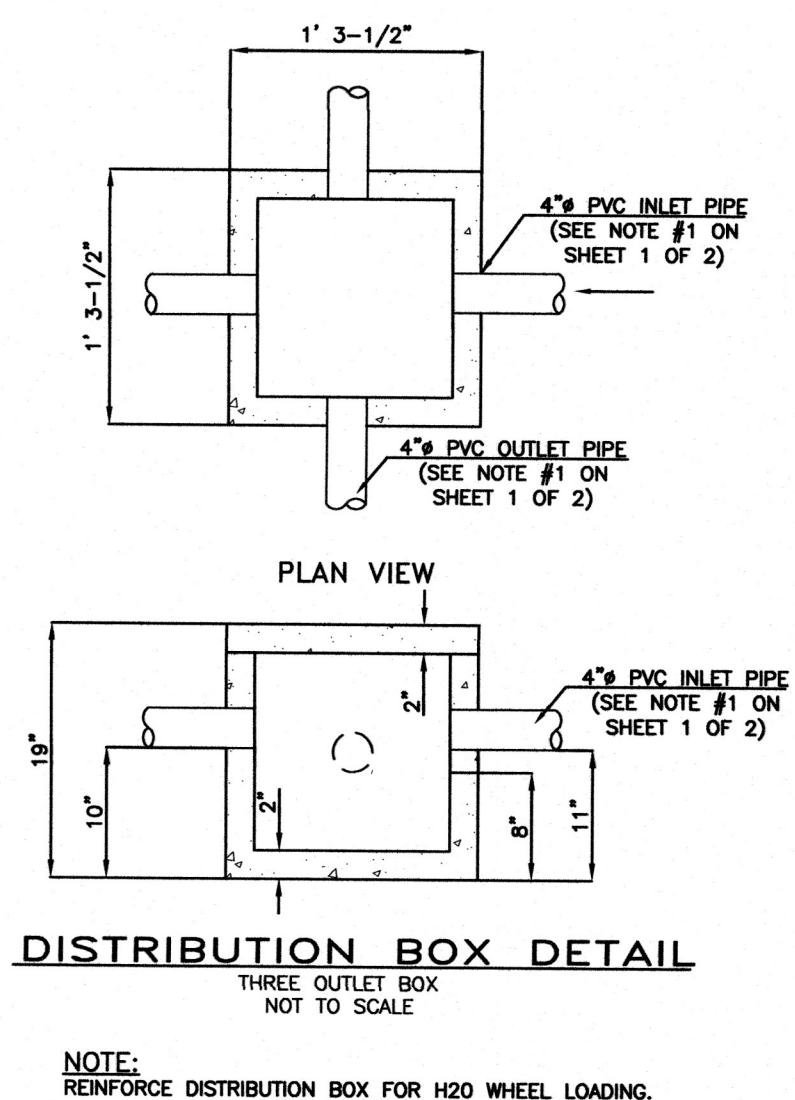
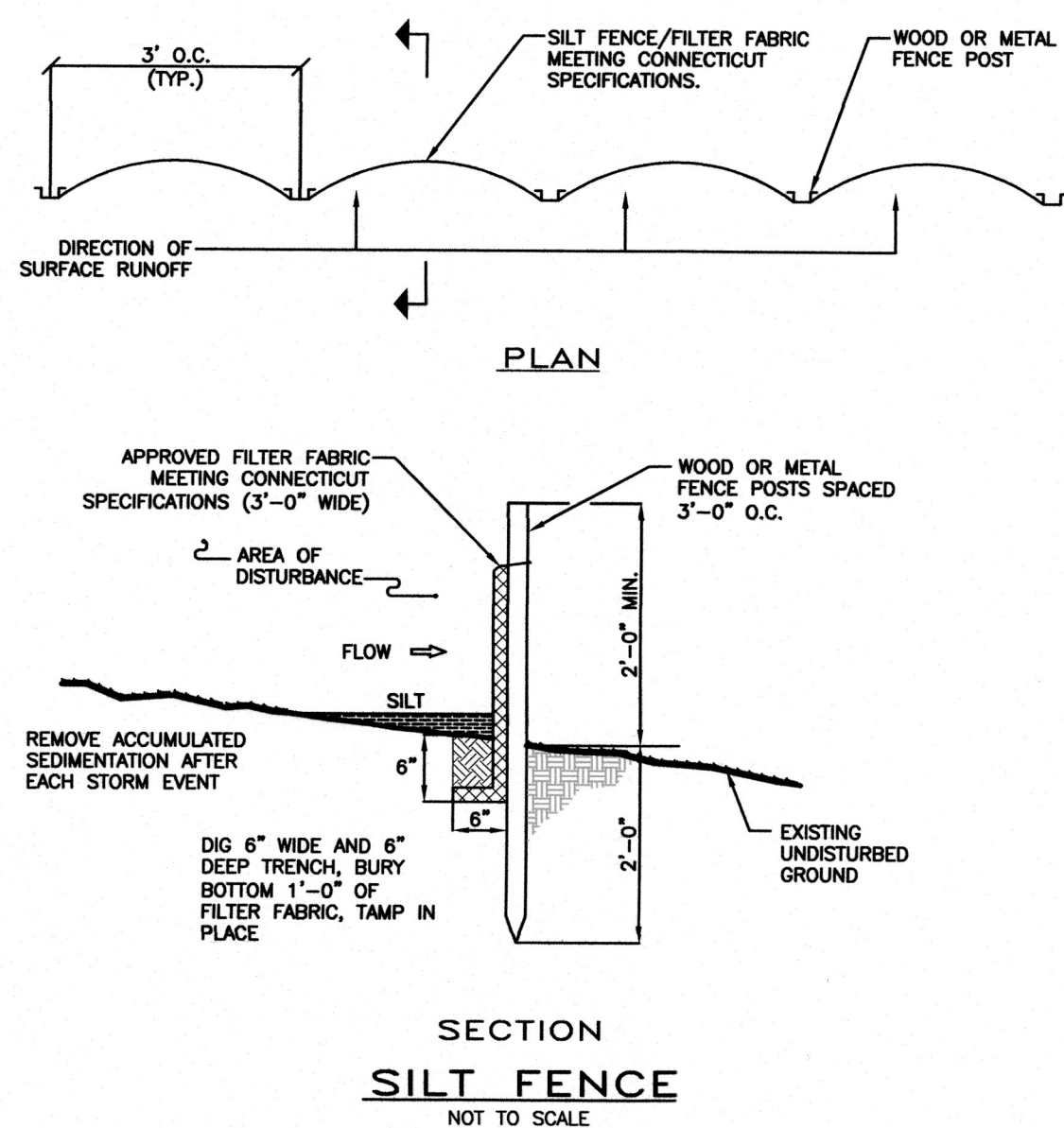
MARY A. ARAUJO
11 BOSSY LANE
WILTON, CONNECTICUT

DRAWN BY: BH
CHECKED BY: DV
DATE: 2/28/22
SCALE: 1" = 20'
DRAWING No: DD22003
PROJECT No: DD22003
SHEET: 1 OF 2

** LEACHING SYSTEM WILL BE INSTALLED ENTIRELY IN SELECT FILL AND THE BOTTOM OF THE SYSTEM WILL BE AT LEAST 24" ABOVE MAXIMUM GROUND WATER ELEVATION



- NOTE:
1. INSTALL H2O TANK WHERE SUBJECT TO VEHICULAR TRAFFIC AND/OR WHERE HEIGHT OF COVER EXCEEDS MANUFACTURER'S MAXIMUM SPECIFICATIONS.
 2. IF A TUB (100-200 GALLONS) IS TO BE INSTALLED IN THE RESIDENCE, THE SEPTIC TANK SHALL HAVE AN ADDITIONAL 250 GALLONS OF CAPACITY (1,250 GALLONS) IS ADDED TO THE SEPTIC TANK.



MAINTENANCE OF EROSION AND SEDIMENT CONTROLS:

1. ALL EROSION AND SEDIMENTATION CONTROLS TO BE CHECKED WEEKLY AND/OR AFTER A RAIN EVENT AND REPAIRS MADE, IF NECESSARY.
2. PRIOR TO THE TIME OF ANY FORECASTED RAINFALL, ALL EROSION AND SEDIMENTATION CONTROLS TO BE CHECKED AND NECESSARY REPAIRS MADE.
3. ALL SILT IS TO BE REMOVED FROM EROSION CONTROLS AS NECESSARY AND/OR PRIOR TO ANY FORECASTED RAINFALL.
4. ALL REMOVED SILT IS TO BE PROPERLY DISPOSED OF IN AN APPROVED DISPOSAL AREA. ANY DISPOSED SILT IS TO BE IMMEDIATELY SEEDING WITH ANNUAL RYE GRASS AND MULCHED.
5. AFTER ALL DISTURBED AREAS ARE STABILIZED AND APPROVAL TO REMOVE EROSION AND SEDIMENT CONTROLS HAVE BEEN OBTAINED FROM THE TOWN OR ENGINEER, THE CONTROLS CAN BE REMOVED.
6. IT IS SUGGESTED THAT A FORMAL LOG BE KEPT OF ALL EROSION CONTROL INSPECTIONS AND MAINTENANCE, INCLUDING REMOVAL OF ANY TRAPPED SILT.
7. TEMPORARY CONTROLS ARE TO CONSIST OF SEEDING WITH ANNUAL RYE GRASS, HAY MULCH OR OTHER APPROVED METHODS SHALL BE USED IF SEASON WILL NOT PERMIT GRASS TO GERMINATE.

EROSION AND SEDIMENTATION NOTES:

1. EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSTALLED PRIOR TO PRECONSTRUCTION CLEARING AND GRUBBING AND PRIOR TO CONSTRUCTION.
2. HAY BALE FILTERS AND/OR SILT FENCE WILL BE INSTALLED AT ALL CULVERT OUTLETS AND ALONG THE TOE OF ALL CRITICAL CUT AND FILL SLOPES.
3. ALL CULVERT DISCHARGE AREAS WILL BE PROTECTED WITH RIP-RAP. ENERGY DISSIPATORS WILL BE PROVIDED FOR THESE AREAS.
4. CATCH BASINS WILL BE PROTECTED WITH HAY BALE FILTERS THROUGHOUT THE CONSTRUCTION PERIOD AND UNTIL ALL DISTURBED AREAS ARE THOROUGHLY STABILIZED.
5. ALL EROSION AND SEDIMENT CONTROL MEASURES WILL BE CONSTRUCTED IN ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS OF THE 2002 CONNECTICUT EROSION AND SEDIMENT CONTROL GUIDELINES.
6. LAND DISTURBANCE SHALL BE KEPT TO A MINIMUM. RESTABILIZATION WILL BE SCHEDULED AS SOON AS PRACTICAL.
7. ALL CONTROL MEASURES WILL BE MAINTAINED IN EFFECTIVE CONDITION THROUGHOUT THE CONSTRUCTION PERIOD AND UNTIL SITE STABILIZATION HAS BEEN ACHIEVED.
8. ADDITIONAL CONTROL MEASURES WILL BE INSTALLED DURING THE CONSTRUCTION PERIOD, IF NECESSARY OR REQUESTED, BY THE TOWN OR ENGINEER.
9. SEDIMENT REMOVED FROM CONTROL STRUCTURES WILL BE DISPOSED OF IN A MANNER WHICH IS CONSISTENT WITH THE INTENT OF THE PLAN.
10. THE CONTRACTOR IS ASSIGNED THE RESPONSIBILITY FOR IMPLEMENTING THIS EROSION AND SEDIMENT CONTROL PLAN. THIS RESPONSIBILITY INCLUDES THE INSTALLATION AND MAINTENANCE OF CONTROL MEASURES, INFORMING ALL PARTIES ENGAGED ON THE CONSTRUCTION SITE OF THE REQUIREMENTS AND OBJECTIVES OF THE PLAN, NOTIFYING THE PLANNING AND ZONING OFFICE OF ANY TRANSFER OF THIS RESPONSIBILITY, AND FOR CONVEYING A COPY OF THE EROSION AND SEDIMENT CONTROL PLAN IF THE TITLE TO THE LAND IS TRANSFERRED.
11. ALL SILT FENCE OR HAYBALES RETAINING SEDIMENT OVER 1/2 THEIR HEIGHT SHALL HAVE THE SEDIMENT REMOVED AND ALL DAMAGED EROSION CONTROLS REMOVED AND REPLACED.
12. THE CONTRACTOR SHALL BE RESPONSIBLE TO CONTROL DUST AND WIND EROSION THROUGHOUT THE LIFE OF HIS CONTRACT. THE CONTRACTOR SHALL CONTROL DUST TO PREVENT A HAZARD TO TRAFFIC ON ADJACENT ROADWAYS.
13. SOIL AND EROSION CONTROLS MUST BE INSPECTED AND APPROVED BY THE TOWN PRIOR TO COMMENCEMENT OF WORK.
14. THE LIMITS OF CLEARING, GRADING AND DISTURBANCE SHALL BE KEPT TO A MINIMUM WITHIN THE APPROVED AREA OF CONSTRUCTION. ALL AREAS OUTSIDE THE LIMITS OF CLEARING SHALL REMAIN TOTALLY UNDISTURBED.
15. UNLESS DIRECTED OTHERWISE BY THE TOWN, THE PLANTING SEASON SHALL BE MARCH 15 TO JUNE 15 AND AUGUST 15 TO OCTOBER 15. AFTER OCTOBER 15, AREAS WILL BE STABILIZED WITH HAYBALE CHECK, FILTER FABRIC OR WOODCHIP MULCH AS REQUIRED TO CONTROL EROSION.

IMPORTANT NOTE:
CONTRACTOR IS TO CONTACT "CALL BEFORE YOU DIG" (1-800-922-4455) TO HAVE ALL EXISTING UTILITIES LOCATED AND MARKED PRIOR TO ANY DEMOLITION, CONSTRUCTION OR EXCAVATION ON THE SITE.

IMPORTANT NOTE:
IT IS UNDERSTOOD THAT "ARTEL ENGINEERING GROUP, LLC" HAS NOT BEEN RETAINED FOR THE REVIEW OF THE IMPLEMENTATION OF THE DESIGN, AND OBSERVATION OF CONSTRUCTION. THE OWNER SHALL EMPLOY UNDER SEPARATE CONTRACT FOR SUCH SERVICE AS REQUIRED.

IMPORTANT NOTE:
IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO REVIEW ALL OF THE DRAWINGS AND SPECIFICATIONS ASSOCIATED WITH THIS PROJECT WORKSCOPE PRIOR TO THE INITIATION OF CONSTRUCTION. SHOULD THE CONTRACTOR FIND A CONFLICT WITH THE DOCUMENTS RELATIVE TO THE SPECIFICATIONS OR APPLICABLE CODES, IT IS THE CONTRACTOR'S RESPONSIBILITY TO NOTIFY THE PROJECT ENGINEER OF RECORD IN WRITING PRIOR TO THE START OF CONSTRUCTION. FAILURE BY THE CONTRACTOR TO NOTIFY THE PROJECT ENGINEER SHALL CONSTITUTE ACCEPTANCE OF FULL RESPONSIBILITY BY THE CONTRACTOR TO COMPLETE THE SCOPE OF WORK AS DEFINED BY THE DRAWINGS AND IN FULL CONFORMANCE WITH LOCAL REGULATIONS AND CODES.



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• CIVIL ENGINEERS
• ENVIRONMENTAL ENGINEERS
• MUNICIPAL ENGINEERS

PROJECT MANAGERS •
SITE PLANNERS •
PERMIT EXPEDITORS •

ELJEN MANTIS DOUBLE-WIDE 58
SEPTIC DETAILS

MARY A. ARAUJO
11 BOSSY LANE
WILTON, CONNECTICUT

DRAWN BY: BH
CHECKED BY: DV
DATE: 2/28/22
SCALE: AS NOTED
DRAWING No: DD22003
PROJECT No: DD22003
SHEET: 2 OF 2