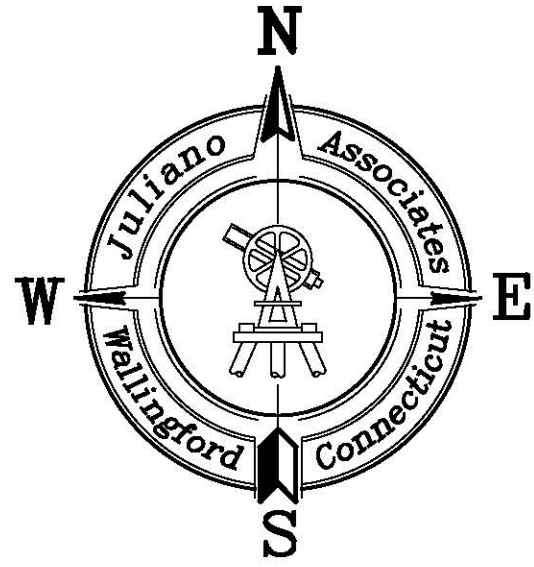
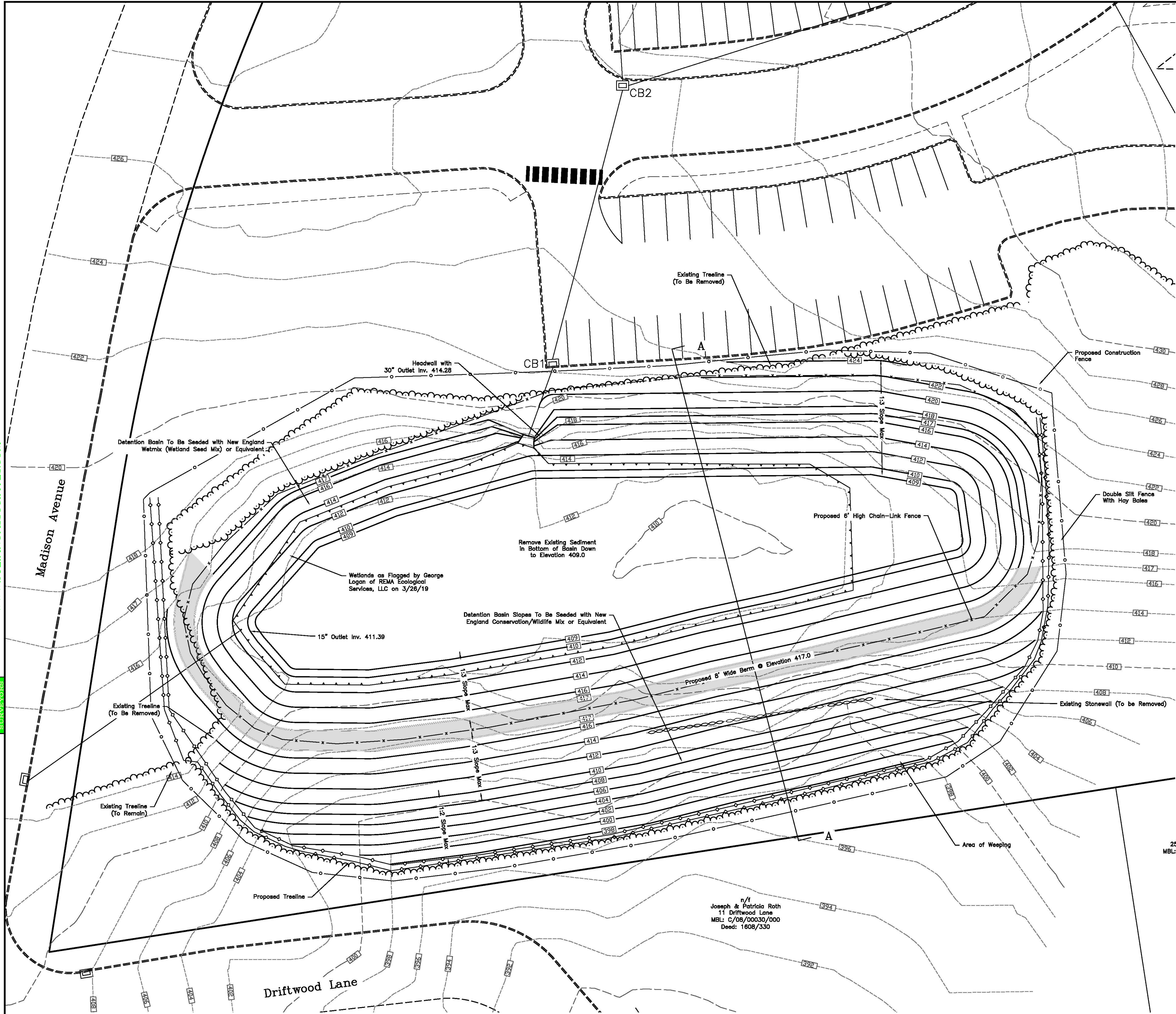
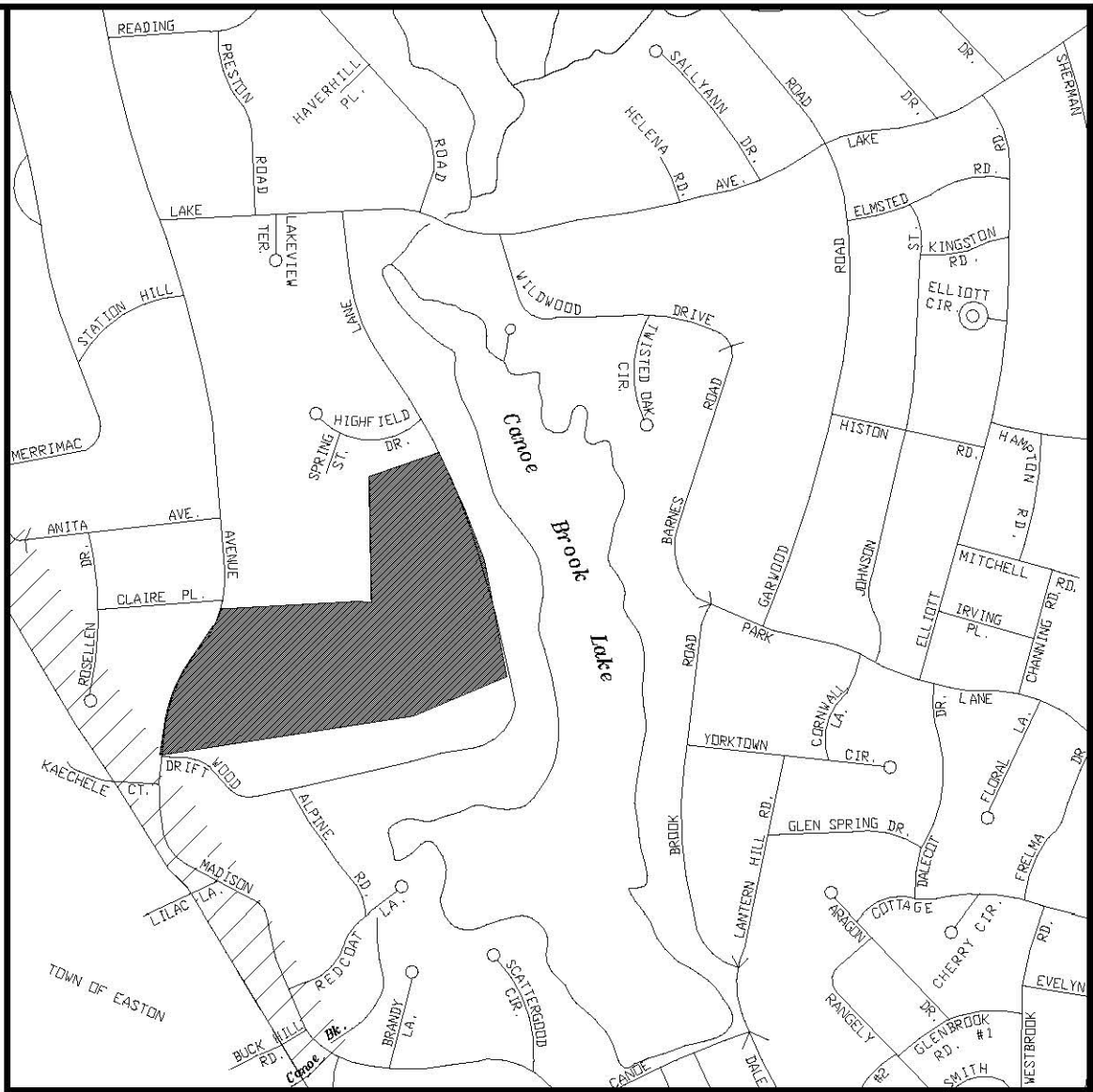




Connecticut Grid System
(NAD 83)



Site Location Plan
Scale: 1" = 1000'

SURVEYOR'S NOTES:

- THIS SURVEY AND MAP HAVE BEEN PREPARED IN ACCORDANCE WITH THE "RECOMMENDED STANDARDS FOR SURVEYS AND MAPS IN THE STATE OF CONNECTICUT" AS ADOPTED FOR USE BY THE CONNECTICUT ASSOCIATION OF LAND SURVEYORS, INC., ON SEPTEMBER 24, 1992, EFFECTIVE DATE JANUARY 1, 1993. SAID STANDARDS ENACTED BY THE STATE OF CONNECTICUT (SECTIONS 20-300b-1 THRU 20-300b-20 OF THE REGULATIONS OF CONNECTICUT STATE AGENCIES) EFFECTIVE JUNE 21, 1998.
- THE TYPE OF SURVEY PERFORMED IS AN IMPROVEMENT LOCATION SURVEY AND IS INTENDED TO DEPICT OR NOTE THE POSITION, HORIZONTALLY AND, WHERE REQUIRED, VERTICALLY, BETWEEN PARTICULAR EXISTING OR PROPOSED IMPROVEMENTS WITH RESPECT TO THE APPLICABLE MUNICIPAL OR STATUTORY REQUIREMENTS. THE PURPOSE OF THIS TYPE OF SURVEY IS TO ENABLE DETERMINATION OF COMPLIANCE WITH SAID REQUIREMENTS. NO OTHER IMPROVEMENTS OR FEATURES NEED BE DEPICTED. THE TYPE OF SURVEY PERFORMED IS ALSO A TOPOGRAPHIC SURVEY AND IS INTENDED TO DEPICT THE CONFIGURATION (RELIEF) OF THE EARTH'S SURFACE (GROUND) AND THE LOCATION OF NATURAL AND ARTIFICIAL OBJECTS THEREON.
- THE BOUNDARY DETERMINATION CATEGORY IS A RESURVEY OF MAP REFERENCE 9a.
- THIS SURVEY CONFORMS TO A HORIZONTAL ACCURACY STANDARD OF CLASS A-2 AND A VERTICAL ACCURACY STANDARD OF V-2. TOPOGRAPHY AS DEPICTED HEREON CONFORMS TO AN ACCURACY STANDARD OF CLASS T-2.
- AZIMUTHS AND COORDINATES ARE BASED UPON THE CONNECTICUT GRID SYSTEM NORTH AMERICAN DATUM OF 1983 (NAD 83). ELEVATIONS ARE BASED UPON THE NORTH AMERICAN VERTICAL DATUM OF 1988 (NAVD 88).
- THE PROPERTY IS LOCATED WITHIN AN AA (RESIDENCE) ZONE.
- THE AREA OF THE PROPERTY IS 1,592,875± SQUARE FEET (36.57± ACRES).
- THE PROPERTY IS CURRENTLY OWNED BY THE TOWN OF TRUMBULL AND THE PROPERTY ADDRESS IS 4630 MADISON AVENUE, TRUMBULL, CONNECTICUT 06811. THE PROPERTY IS DESIGNATED ON THE TRUMBULL ASSESSOR'S RECORDS AS PARCEL C/07/00063/000.
- REFERENCE IS MADE TO THE FOLLOWING MAP(S):
 - MAP OF SURVEY OF A HIGH SCHOOL SITE FOR THE TOWN OF TRUMBULL, TRUMBULL, CT, SCALE: 1" = 80', DATED: DECEMBER 10, 1958. MAP PREPARED BY FULLER & CO. INC. MAP ON FILE IN THE TRUMBULL LAND RECORDS AS MAP #854.
 - MAP OF SUBDIVISION TO BE KNOWN AS CANOE BROOK, LAKE ESTATES, SECTION "E", TRUMBULL, CONN. SCALE: 1" = 100', DATED: MAY 3, 1988. MAP PREPARED BY FULLER & CO. SAID MAP ON FILE IN THE TRUMBULL LAND RECORDS AS MAP #1383.
- PROPERTY IS SUBJECT/PRIVILEGED TO: RIGHTS, RESTRICTIONS, ENCUMBRANCES, COVENANTS, EASEMENTS, ETC. AS THE RECORD MAY APPEAR.
- THIS BOUNDARY OPINION WAS MADE AND SURVEY MAP PREPARED FROM INFORMATION CONTAINED IN DEEDS AND MAPS OF RECORD, ALONG WITH PHYSICAL EVIDENCE LOCATED DURING THE FIELD SURVEY.

LEGEND

- | | |
|------------------------|---------------------------------|
| ○ IRON PIN/PIPE FOUND | — PROPERTY LINES |
| □ MONUMENT FOUND | --- EXISTING PAVEMENT WITH CURB |
| ▽ HYDRANT | --- EXISTING MINOR CONTOUR |
| ⊗ GATE VALVE | --- EXISTING MAJOR CONTOUR |
| ☆ LIGHT POLE | --- PROPOSED CONTOUR |
| ○ TREE | --- WETLANDS |
| ○ MANHOLE | --- TREELINE (TO BE REMOVED) |
| □ CATCH BASIN - TYPE C | --- EXISTING STORM DRAINAGE |
| | --- EXISTING SIDEWALK |
| | --- EXISTING PARKING |
| | --- PROPOSED CONSTRUCTION FENCE |
| | --- PROPOSED CHAIN-LINK FENCE |

TO THE BEST OF MY KNOWLEDGE AND BELIEF THIS MAP IS SUBSTANTIALLY CORRECT AS NOTED HEREON.

David W. Juliano PEIS #08033
Christopher S. Juliano PEIS #19725

This document is valid only if it bears an original signature and embossed seal of the designated licensed professional. If this document is stamped with a colored ink seal it has been issued for land use permitting purposes and is not to be used for any other purpose. Any alterations render this document null and void.

NOT VALID WITHOUT

THIS DOCUMENT HAS BEEN PREPARED AS PART OF THE TOWN OF TRUMBULL (I.W.C., T.P.Z., OR Z.B.A.) APPLICATION PROCESS AND CAN NOT BE CONSIDERED FINAL NOR USED FOR CONSTRUCTION PURPOSES UNTIL ALL NECESSARY APPROVALS HAVE BEEN ATTAINED.

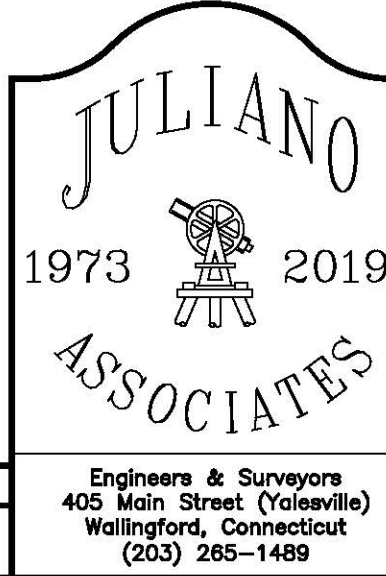
Christopher S. Juliano PEIS #19725
Matthew M. Niski PE #31777

ORIGINAL SEAL AND SIGNATURE

NOT VALID WITHOUT

ORIGINAL SEAL AND SIGNATURE

DATE	DESCRIPTION
	REVISIONS

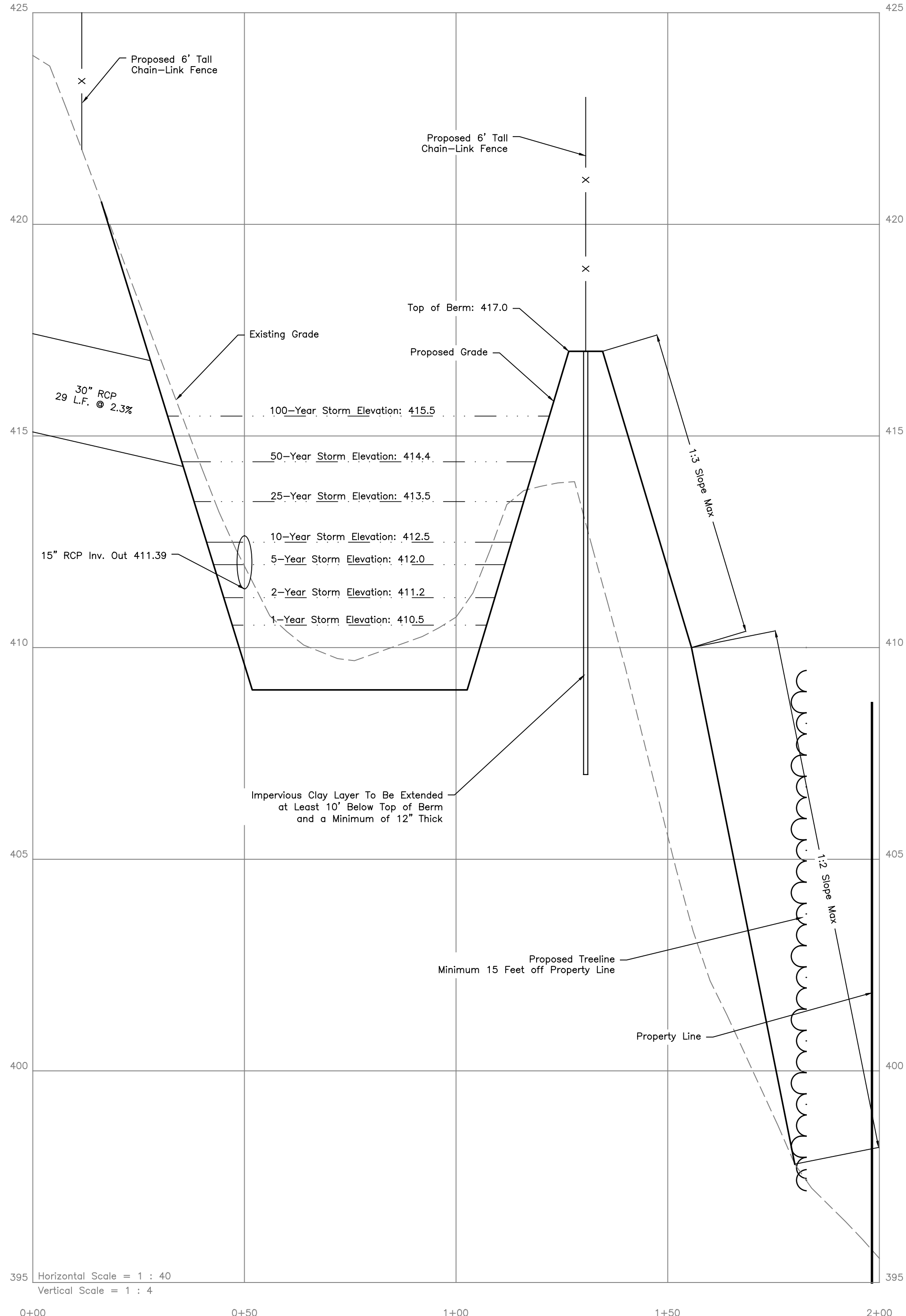


Limited Property/Boundary Survey
Improvement Location Survey
Detention Pond Re-Design
Land of
Madison Middle School
4630 Madison Avenue
Trumbull, Connecticut

Drawn: ZGEORGINA	Date: 05/14/19	Scale: 1" = 20'
Designed: MNISKI		
Checked: MNISKI	Project no.: 19-141	Sheet: 1 of 2
Released: JDIMEO		Revision: 0

The information contained herein is the proprietary and confidential property of Juliano Associates, LLC. Reproductions, publication, distribution, or duplication in whole or in part requires the written permission of Juliano Associates. This document and copies thereof are valid only if they bear the original signature and embossed seal of the designated licensed professional. If this document is stamped with a colored ink seal it has been issued for land use permitting purposes and is not to be used for any other purpose. Any alterations render this document null and void. © Copyright 2019, All Rights Reserved.

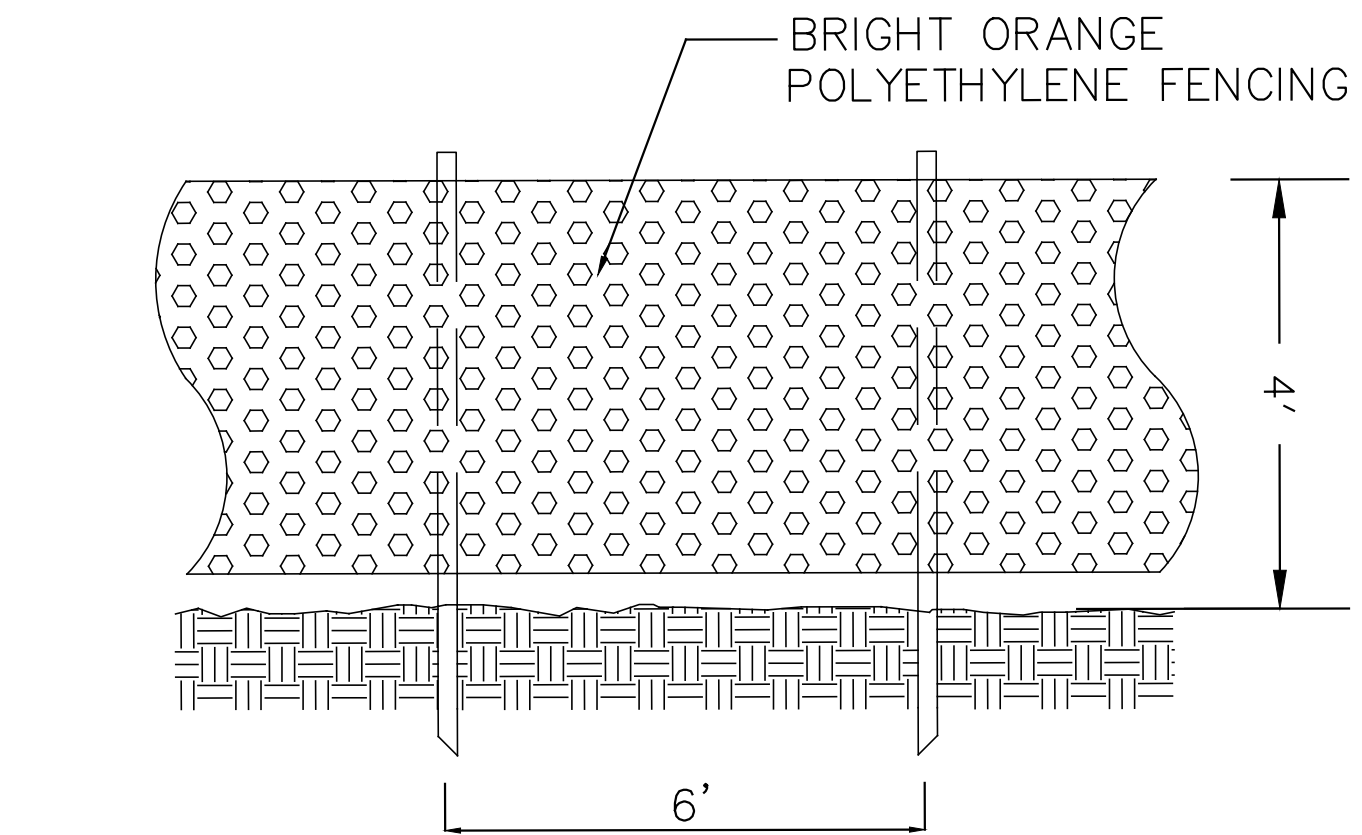
M:\SUBMITTED\2019\141002-1-0.JWG 6/4/2019 2:28 PM MN



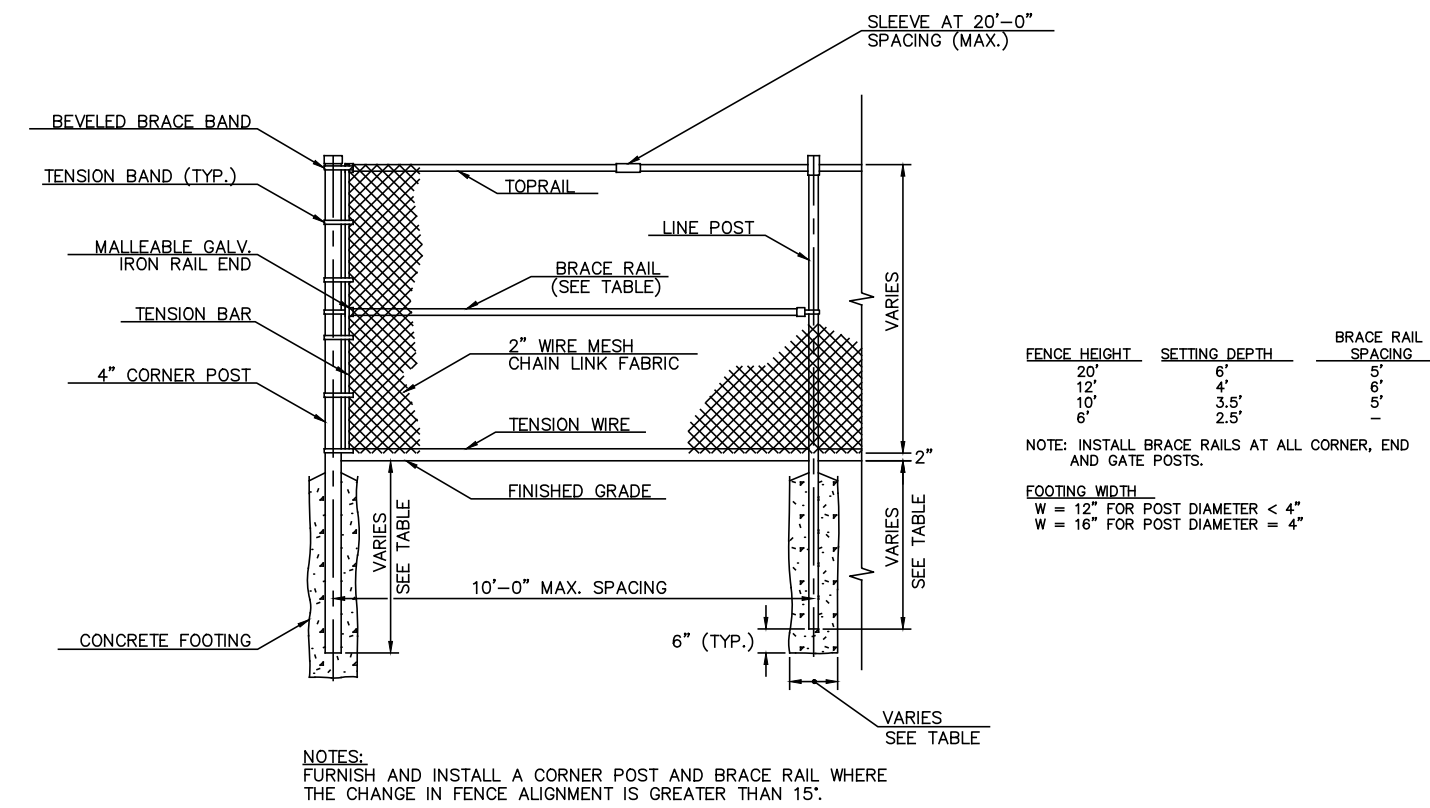
- Notes:
- Proposed Berm to be at Least 8 Feet Wide at the Top.
 - Clay Layer to be a Minimum of 12 Inches Wide.
 - Clay Layer to be Compacted in 6 Inch Lifts.
 - Existing Pipes to Remain at Current Elevations/Locations
 - Clay to Have a Minimum of 15% Passing the #200 Sieve, and a Maximum Permeability of 1×10^{-5} cm/sec.
 - In Areas Where Clearing is Proposed, Care Should be Taken to Save as Many Trees as Possible.

Sequence of Construction

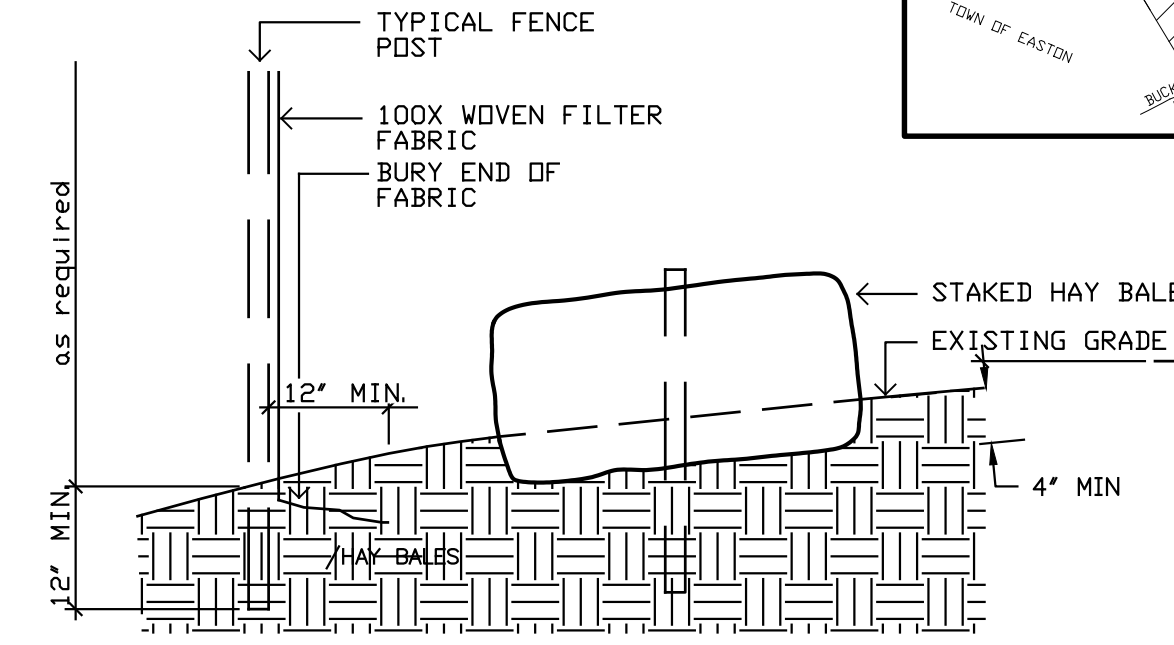
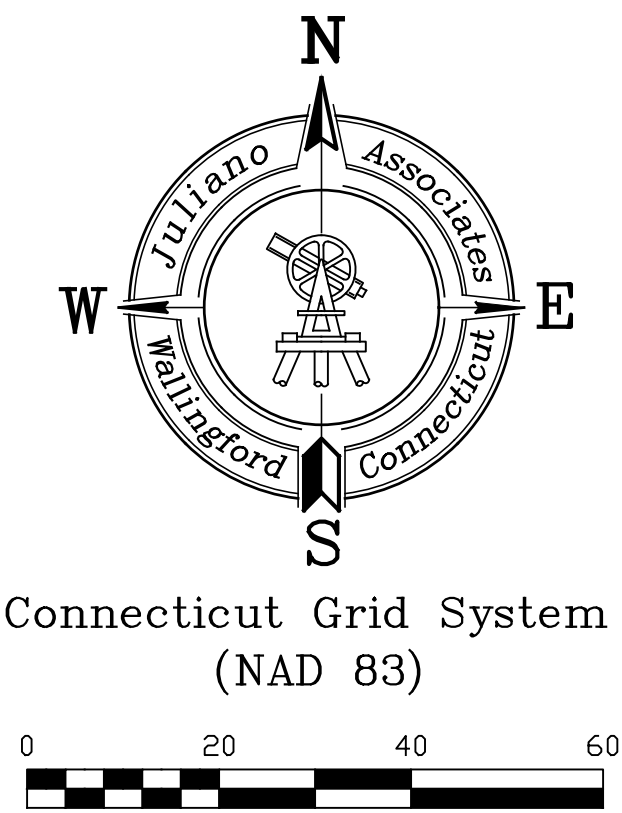
1. Install Construction Entrance and Silt Fence/Hay Bales as Proposed
2. Clear Woods Per Plan
3. Install Construction Fence
4. Remove Sediment From Basin to Proposed Depth.
5. Expand Basin Per Plan.
6. Install Berm, Clay Center, and Re-grade Slopes
7. Remove Accumulated Sediment from Silt Fences
8. Seed All Disturbed Areas
9. Install Chain-Link Fence
10. Remove Construction Fence
11. When all areas are Stabilized, Remove Silt Fence



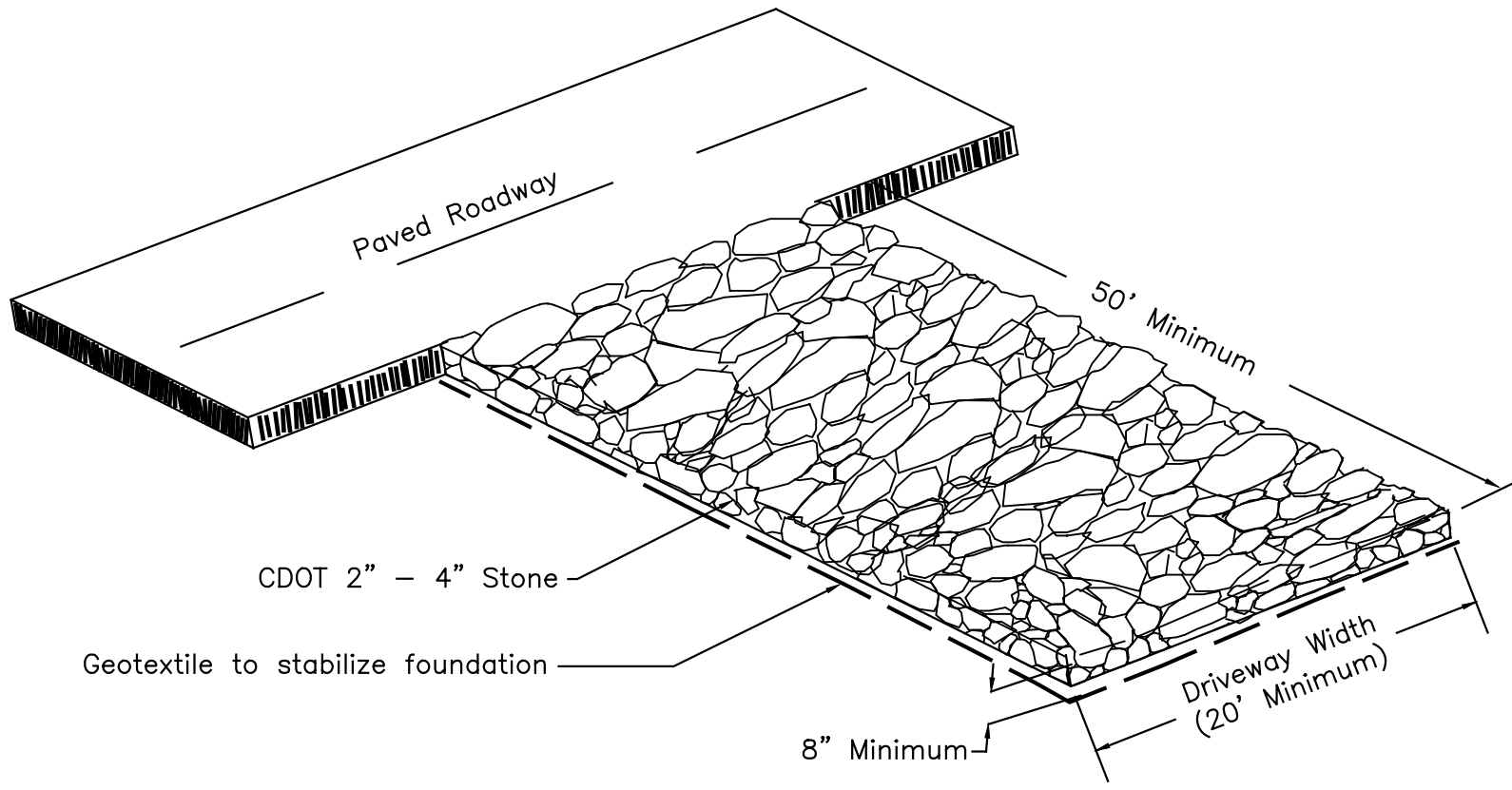
TEMPORARY CONSTRUCTION FENCING
SCALE: NONE



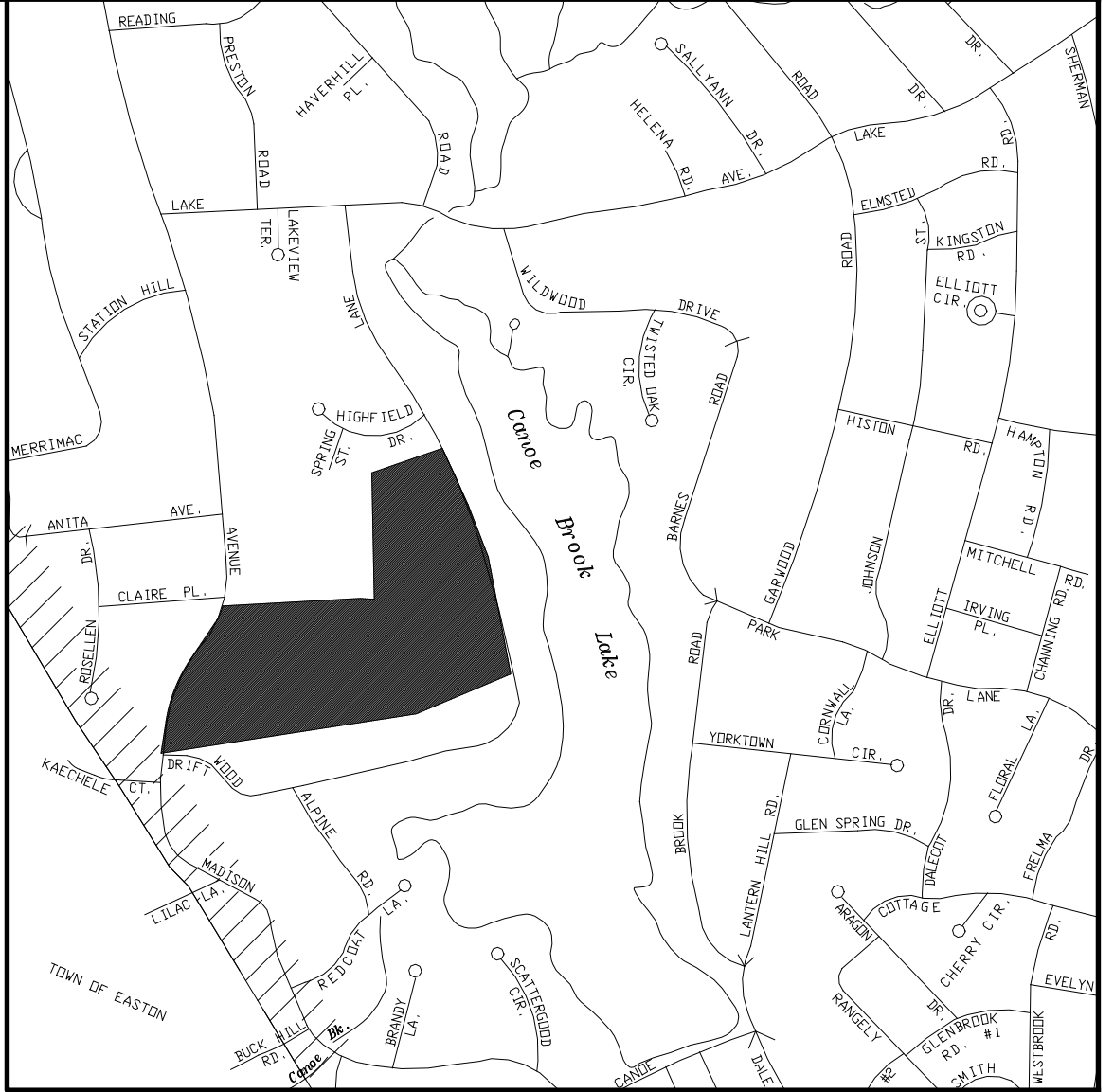
CHAIN LINK FENCE DETAIL
SCALE: NONE



SEDIMENT FILTER FENCE
SCALE: NONE



CONSTRUCTION ENTRANCE
SCALE: N. T. S.



Site Location Plan
Scale: 1" = 1000'

NEW ENGLAND WETLAND PLANTS, INC.
820 WEST STREET, AMHERST, MA 01002
PHONE: 413-548-8000 FAX 413-549-4000
EMAIL: INFO@NEWP.COM WEB ADDRESS: WWW.NEWP.COM
New England Wetmix (Wetland Seed Mix)

Botanical Name	Common Name	Indicator
<i>Carex vulpinoidea</i>	Fox Sedge	OBL
<i>Carex acuticarpa</i>	Blunt Broom Sedge	FACW
<i>Yorhena hastata</i>	Blue Vervain	FACW
<i>Carex lurida</i>	Lurid Sedge	OBL
<i>Poa palustris</i>	Fowl Bluegrass	FACW
<i>Bidens aristata</i>	Tickseed Sunflower/Bur Marigold	FACW
<i>Carex lupulina</i>	Hop Sedge	OBL
<i>Scirpus atrovirens</i>	Green Bulrush	OBL
<i>Eleocharis palustris</i>	Crookneck Spike Rush	OBL
<i>Juncus effusus</i>	Soft Rush	FACW+
<i>Carex crinita</i>	Fringed Sedge	OBL
<i>Asclepias incarnata</i>	Swamp Milkweed	OBL
<i>Aster puniceus (Symphyotrichum punctatum)</i>	Swamp Aster	OBL
<i>Glyceria canadensis</i>	Rattlesnake Grass	OBL
<i>Mimulus ringens</i>	Square Stemmed Monkey Flower	OBL
<i>Eupatorium maculatum (Eutrochium maculatum)</i>	Spotted Joe Pye Weed	OBL
<i>Iris versicolor</i>	Blue Flag	OBL

PRICE PER LB. \$335.00 MIN. QUANTITY 1 LB. TOTAL: \$335.00 APPLY: 18 LBS/ACRE :2500 sq ft/lb
The New England Wetmix (Wetland Seed Mix) contains a wide variety of native seeds that are suitable for most wetland restoration sites that are not permanently flooded. All species are best suited to moist ground as found in most wet meadows, scrub shrub, or forested wetland restoration areas. The mix is well suited for detention basin borders and the bottom of detention basins not generally under standing water. The seeds will not germinate under inundated conditions. If planted during the fall months the seed mix will germinate the following spring. During the first season of growth several species will produce seeds while other species will produce seeds after the second growing season. Not all species will grow in all wetland situations. This mix is comprised of the wetland species most likely to grow in created/restored wetlands and should produce more than 75% ground cover in two full growing seasons.

The wetland seeds in this mix can be sown by hand, with a hand-held spreader, or hydro-seeded on large or hard to reach sites. Lightly rake to insure good seed-to-soil contact. Seeding can take place on frozen soil, as the freezing and thawing weather of late fall and late winter will work the seed into the soil. If spring conditions are drier than usual watering may be required. If sowing during the summer months supplemental watering will likely be required until germination. A light mulch of clean, weed free straw is recommended.

New England Wetland Plants, Inc. may modify seed mixes at any time depending upon seed availability. The design criteria and ecological function of the mix will remain unchanged. Price is 5/bulk pound, FOB warehouse, Plus SH and applicable taxes.

NEW ENGLAND WETLAND PLANTS, INC.
820 WEST STREET, AMHERST, MA 01002
PHONE: 413-548-8000 FAX 413-549-4000
EMAIL: INFO@NEWP.COM WEB ADDRESS: WWW.NEWP.COM
New England Conservation/Wildlife Mix

Botanical Name	Common Name	Indicator
<i>Elymus virginicus</i>	Virginia Wild Ry	FACW-
<i>Schizachyrium scoparium</i>	Little Bluestem	FACU
<i>Andropogon gerardii</i>	Big Bluestem	FAC
<i>Festuca rubra</i>	Red Fescue	FACU
<i>Sorghastrum nutans</i>	Indian Grass	UPL
<i>Panicum virgatum</i>	Switch Grass	FAC
<i>Chamaecrista fasciculata</i>	Partridge Pea	FACU
<i>Desmodium canadense</i>	Showy Tick Trefoil	FAC
<i>Asclepias tuberosa</i>	Butterfly Milkweed	NI
<i>Bidens frondosa</i>	Beggar Ticks	FACW
<i>Eupatorium purpureum (Eutrochium maculatum)</i>	Purple Joe Pye Weed	FAC
<i>Rudbeckia hirta</i>	Black Eyed Susan	FACU-
<i>Aster pilosus (Symphyotrichum pilosum)</i>	Heath (or Hairy) Aster	UPL
<i>Solidago juncea</i>	Early Goldenrod	

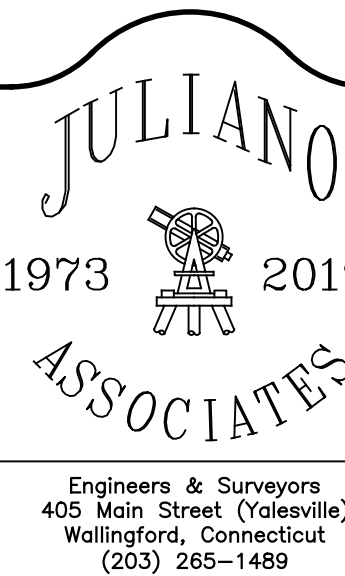
PRICE PER LB. \$39.50 MIN. QUANTITY 2 LBS. TOTAL: \$79.00 APPLY: 25 LBS/ACRE :1750 sq ft/lb
The New England Conservation/Wildlife Mix provides a permanent cover of grasses, wildflowers, and legumes for both good erosion control and wildlife habitat value. The mix is designed to be a no maintenance seeding, and is appropriate for cut and fill slopes, detention basin side slopes, and disturbed areas adjacent to commercial and residential projects.

New England Wetland Plants, Inc. may modify seed mixes at any time depending upon seed availability. The design criteria and ecological function of the mix will remain unchanged. Price is 5/bulk pound, FOB warehouse, Plus SH and applicable taxes.

THIS DOCUMENT HAS BEEN PREPARED AS PART OF THE TOWN OF TRUMBULL (I.W.C., T.P.Z., OR Z.B.A.) APPLICATION PROCESS AND CAN NOT BE CONSIDERED FINAL NOR USED FOR CONSTRUCTION PURPOSES UNTIL ALL NECESSARY APPROVALS HAVE BEEN ATTAINED.

Christopher S. Juliano PELS #19725
Matthew M. Niski PE #31777

NOT VALID WITHOUT	DATE	DESCRIPTION
ORIGINAL SEAL AND SIGNATURE		REVISIONS



Improvement Location Survey
Detention Pond Re-Design
Land of
Madison Middle School
4630 Madison Avenue
Trumbull, Connecticut

Drawn: ZGEORGINA	Date: 05/14/19	Scale: 1" = 20'
Designed: MNISKI		
Checked: MNISKI	Project no.: 19-141	Sheet: 2 of 2
Released: JDIMEO		Revision : 0
The information contained herein is the proprietary and confidential property of Juliano Associates, LLC. Reproductions, publication, distribution, or duplication in whole or in part requires the written permission of Juliano Associates. This document and copies thereof are valid only if they bear the original signature and embossed seal of the designated licensed professional. If this document is stamped with a colored ink seal it has been issued for land use permitting purposes and is not to be used for any other purpose. Any alterations render this document null and void. © Copyright 2019 , All Rights Reserved.		
M:\SUBMITTED\2019\141002-2-0.DWG 6/4/2019 2:28 PM MN		