

INLAND WETLANDS AND WATERCOURSES COMMISSION

Town of Trumbull

CONNECTICUT

www.trumbull-ct.gov

TOWN HALL  
Trumbull

TELEPHONE  
(203) 452-5005



AGENDA  
JULY 7, 2020

TO: MEMBERS OF THE INLAND WETLANDS AND WATERCOURSES COMMISSION

RE: VIDEOCONFERENCE MEETING – Tuesday, July 7, 2020

The Town of Trumbull Inland Wetlands and Watercourses Commission will hold a videoconference meeting on Tuesday, July 7, 2020 at 7:00 p.m

Join the meeting online: <https://zoom.us/j/94232821071?pwd=UkFhUWNsN24xc0Nnc0llMmJqdnBpZz09>

Webinar ID: 942 3282 1071

Password: 018465

Join by telephone: (301) 715-8592 or (833) 548-0282 (Toll Free) / Webinar ID: 942 3282 1071

NEW BUSINESS

Application 20-24

Long Hill Market LLC

Permit approval to clean stream & stabilize stream banks within a regulated area at 6540 Main Street.  
Modification of IWWC App #19-16.

Application 20-25

Jeanine Norwood

Permit approval to remove twenty (20) hazardous trees within a regulated area at 198 Old Dike Road.

OLD BUSINESS

NO OLD BUSINESS

MINUTES

Accept meeting minutes: May 5, 2020

SCHEDULE FIELD INSPECTION(S)

CORRESPONDENCE

ANYTHING THAT MIGHT RIGHTFULLY COME BEFORE THE COMMISSION



INLAND WETLANDS AND WATERCOURSES  
COMMISSION  
TOWN OF TRUMBULL

APPLICATION FOR PERMIT

SECTION I

**SUBMITTEL**

Application No. JUL 02 2020  
20-24  
INLAND WETLANDS COMMISSION  
BY cl

- Location/address of property where activity is proposed: 6540 Main St.  
Parcel Size 3.81 Acs. Zone: B-CLHG Map ID: \_\_\_\_\_ Current Use: \_\_\_\_\_
- Applicant's Name: Long Hill Market LLC  
Applicant's Address: 1001 Main St Ste 24 Box CT. 06604  
Telephone: 203-268-2225 Cell: 703 209-3080 Email: mike@concretebuilders.com  
Applicant's interest in property (Lessee, Licensee, Owner, etc.): OWNER
- Name of Property Owner of Record: Long Hill Market LLC  
If the owner is a Corporation, or other non-individual entity, include the primary contact information  
Address of Owner of Record: 1001 Main St Ste 24 Box CT. 06604  
Telephone: 203-268-2225 Cell: 703 209-3080 Email: mike@concretebuilders.com  
If Applicant is the Owner, go to #5
- The undersigned hereby authorizes \_\_\_\_\_ to act as Agent on my behalf as related to this application.  
[Signature]  
(Owner of Record)

- Description of proposed activity and location of property. Include listing of all proposed regulated activities (use separate sheet if necessary):  
The proposed regulated activities include removal of sediment and debris from the stream and stabilization of the stream banks with riprap. The work extends from Main Street to approximately 150 feet to the east.

The applicant understands that this application is to be considered complete only when all information and documents required by the Agency have been submitted.

The undersigned warrants the truth of all statements contained herein and in all supporting documents under penalty of false statement according to the best of his/her knowledge and belief.

Permission is granted to the Town of Trumbull, Inland Wetlands & Watercourses Commission, and its agent (s) to inspect the subject land, at reasonable times, during the pendency of an application and for the life of the permit under Section 7.5 of the INWC Regulations.

Applicant's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
(if not the Owner)

Owner's Signature: [Signature] Date: 6-30-20

Application for modification to IWWC Permit # 19-16  
to include additional 4,500<sup>±</sup>-sqft.

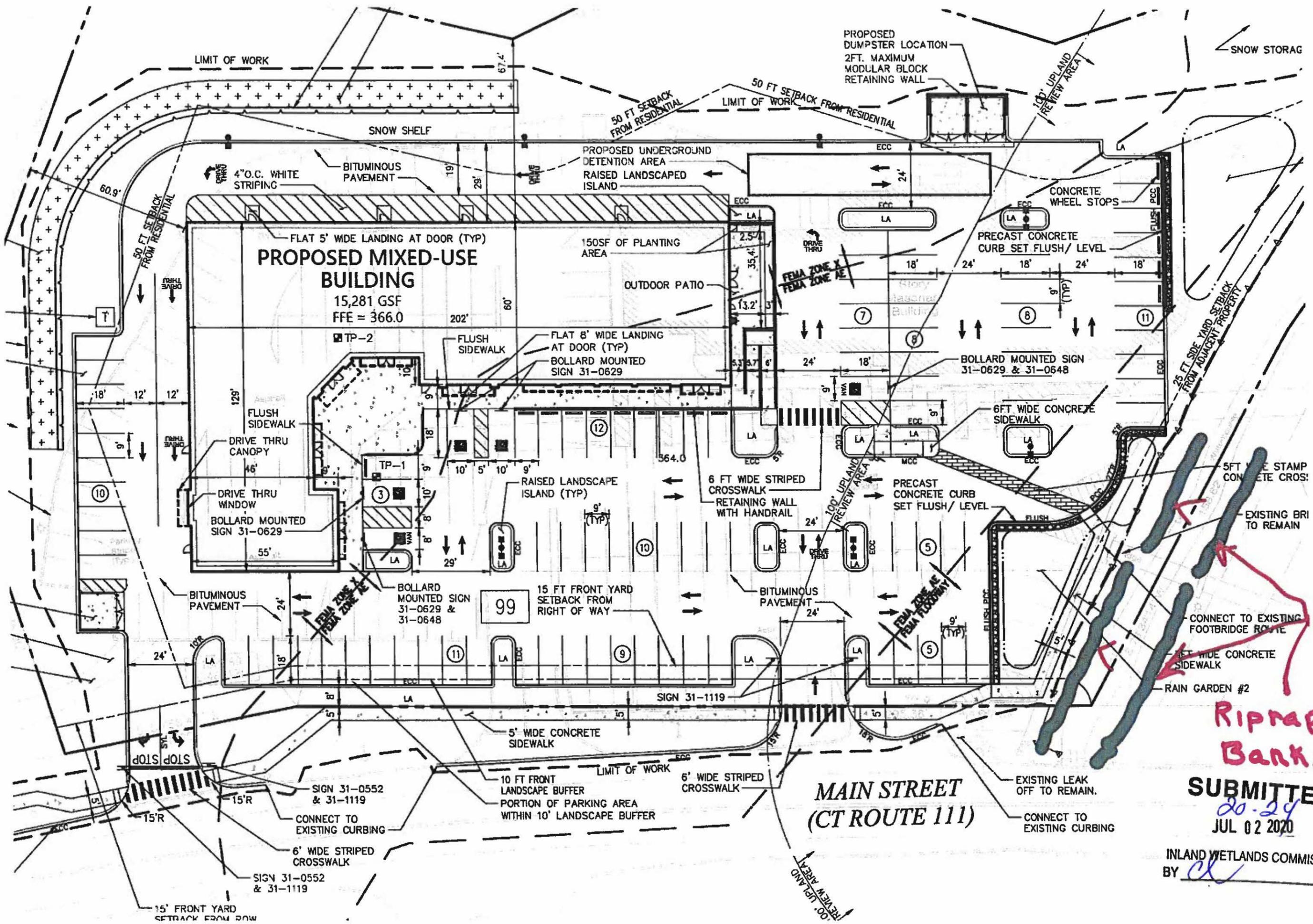
**SECTION II**

**SITE PLAN REQUIREMENTS**

1. Total property area: 4,500<sup>±</sup>-sqft Zone: \_\_\_\_\_ Number of Lots: \_\_\_\_\_
2. Map ID, from assessors card: to be modified \_\_\_\_\_
3. Total area existing of wetlands on property: to be modified: 4,500<sup>±</sup>-sqft \_\_\_\_\_
4. Total area of Regulated area on property: 4,500<sup>±</sup>-sqft \_\_\_\_\_
5. Wetlands area to be disturbed: 4,500<sup>±</sup>-sqft \_\_\_\_\_
6. Upland Review area to be disturbed: n/a \_\_\_\_\_
7. Proposed % of wetlands on the property to be disturbed: 100% of additional 4,500<sup>±</sup>-sqft \_\_\_\_\_
8. Total area of proposed land disturbance: 4,500<sup>±</sup>-sqft \_\_\_\_\_
9. Is the proposed activity located within 500 feet of the boundary of Easton, Monroe, Shelton, Stratford, Bridgeport or Fairfield: Yes \_\_\_\_\_ No  (If yes, see Section 8.2 of the Trumbull IWWC Regulations.)
10. Is any portion of the site located within a water company watershed: Yes \_\_\_\_\_ No \_\_\_\_\_ (If yes, see Section 8.3 of Trumbull Inland Wetlands & Watercourses Regulations.)
11. Existing property coverage type data:
 

	<u>Percent of Regulated Area:</u>	<u>Dominant Species:</u>
Trees:	<u>25%</u>	<u>Red maple, sycamore</u>
Shrubs:	<u>50%</u>	<u>Silky dogwood</u>
Grasses, weeds, etc:	<u>25%</u>	<u>lawn</u>
Impervious area:	<u>0%</u>	<u>n/a</u>
12. Existing watercourse data and open water characteristics: (if applicable)
  - a. Size of pond(s) or lake(s): n/a
  - b. Stream characteristics: Intermittent or permanent: permanent
  - c. 100 year flood evaluation: n/a
13. Probable effect of proposal (if any) on vegetation and wildlife: removal of existing shrubs and groundcover
14. Existing or proposed source(s) of water supply for the property: n/a
15. Existing or proposed method of sewage disposal for the property: n/a
16. Creation of proposed water bodies (if yes, detailed information will be required) Yes: \_\_\_\_\_ No:
17. List proposed measures to protect regulated and inland wetland areas from:
  - a. Erosion and sedimentation: Silt fencing, coir logs, water handling, riprap
18. Proposed percent of Regulated area to be covered with impermeable surface: 0%
19. Material to be (check all that applies): deposited  excavated  (if yes, complete the following)
  - a. Area: 4,500<sup>±</sup>-sqft Volume: 150 cy
  - b. Physical & Chemical composition of material to be deposited: stone, sand, silt, clay





INLAND WETLANDS COMMISSION  
 BY *cl*



**IWWC APPLICATION CHECK LIST**  
**MUST BE SUBMITTED WITH APPLICATION PACKAGE**

**MEETING DATE:** \_\_\_\_\_ **PROPOSED ACTIVITY:** Removal of 20 trees  
**SUBMISSION DEADLINE:** \_\_\_\_\_ **PROJECT LOCATION:** 198 Old Dike Rd

REQ'D if  
checked

Check if  
PROVIDED

Please provide one (1) digital copy along with the following:

1.   Twelve (12) copies of **FULLY COMPLETED** Sections I and II of the Application.
2.   Eight (8) copies of a five hundred foot (500') radius contour map showing all contiguous upstream and downstream properties (1"=100' scale). Available on the Town website Trumbull-ct.gov: Go to the Town Hall tab, Click on the Trumbull GIS Mapping tab, follow the prompts to the elevation contour map.
3.   One (1) copy of a Field Card: Obtained from Tax Assessor's Office or through the Town website via Trumbull GIS Mapping.
4.   A completed CT DEEP Activity Reporting Form – attached.
5.   List of names and addresses of all adjacent property owners within **75** feet of all property boundary lines.
6.   Eight (8) **FULL SIZE** copies of Site Plans (at a scale no greater than 1"= 40' scale) showing:
  - Existing conditions and proposed site improvements.
  - Two foot (2') contours depicting existing and proposed grading.
  - Distance in feet to the closest point of disturbance to the wetlands and / or watercourse.
  - All activity within 100' (the regulated area) of the wetlands and / or watercourse.
  - Limits of disturbance.
  - Location of existing trees, woodland limits, shrubs and other significant vegetation.
  - Construction phasing and staging plan.
  - Site cross sections (as needed for clarity).
7.   Eight (8) copies of proposed erosion and sedimentation control plan.
8.   Compliance with Administrative Policy for Stormwater management and Drainage Design Standards (available on the Town of Trumbull website under Engineering Department).
9.   Additional information:
  - Existing conditions Survey to A-2 Standards
  - Demolition Plan
  - Planting Plan
  - Tree Removal & Tree Protection Plan
  - Wetlands Flagging
  - Soil Report
  - Elevation Certificate
  - Site & Aerial photographs
  - Other Fee \$235
10.   Proposed design & specifications of on-site sewage disposal or any proposed connection(s) certified by an engineer.
11.   Feasible and prudent alternatives.

**PLEASE NOTE: APPLICATIONS MISSING INFORMATION OR DEEMED INCOMPLETE MAY BE DENIED BY THE COMMISSION**



July 02, 2020

Hand Delivery

Inland Wetlands & Watercourses Commission  
Town of Trumbull  
Trumbull Town Hall  
5866 Main Street  
Trumbull, CT 06611

**RE: IWWC Application  
198 Old Dike Road  
Trumbull, Connecticut 06611  
Project Number: 2004101**

Dear Commission Members:

On behalf of the Owner and Applicant, Jay Norwood, please find enclosed an application to allow the removal of twenty (20) hazardous trees at her home at 198 Old Dike Road, in Trumbull, Connecticut. In previous correspondence with the Town, Ms. Norwood was requested to prepare and submit an application to the Inland Wetlands and Watercourses Commission to remove the trees in question.

Ms. Norwood has engaged the professional services of Brandon Peloso, a licensed arborist, with CT Timbermen to evaluate the trees on her property, and Solli Engineering LLC to design a landscape plan and soil erosion and sediment control plan. Mr. Peloso's letter report, with an evaluation of the trees to be removed, is included as an attachment to this document.

Mr. Peloso's letter indicates that many trees on the property are in danger of root system failure due to large amounts of ledge and previous storm damage. He continues by saying "The previous homeowner had long neglected the landscape and surrounding trees". As you can see by the photos taken by Solli Engineering, and included as an attachment to this letter, the trees in question clearly pose a threat to the home and many are in poor condition.

The current proposal by Ms. Norwood, to remove the hazardous trees, will both eliminate the risks to her home and it will also improve the health of the surrounding trees, allowing them more room to grow. Many of the trees proposed for removal are strangled in ivy and their health will continue to decline. A planting plan has been provided to propose more suitable species to replace the hazardous trees.

We have included the twelve requisite copies of the application and eight copies of the plans and referenced material as part of this submission. Please let us know if you have any questions regarding the submission. We look forward to working with you throughout the permitting process.

501 Main Street, Suite 2A  
Monroe, CT 06468  
Office: (203) 880-5455

351 Newbury Street, Suite 303  
Boston, MA 02115  
Office: (617) 203-3160

[www.SolliEngineering.com](http://www.SolliEngineering.com)

Respectfully,  
**Solli Engineering, LLC**

Mary Blackburn, P.L.A.  
Landscape Architect

Enclosures

CC: Jay Norwood  
Bruce Jackson, Esq.

Encl: Photo Log  
CT Timbermen Lettes  
Field Card  
Solli Plan Sheet 2.61  
Requisite Fees

## **PHOTOS OF SITE**



**Beech tree in the front yard with shallow root system and in close proximity to the house.**



**Maple at the south east corner of the house. Strangled by ivy and in close proximity to the house. This tree is cabled in multiple places and the soil around the root system on the bank of the brook is eroded.**



**Five maples to the west of the house. Three are strangled by ivy and two are in very close proximity to the house.**

**Three beech trees in very close proximity to the southern side of the house.**





**Two ash trees on the southern side of the brook. One is strangled by ivy and both have a shallow root system.**

**Seven hemlock trees in along the south east property line in close proximity to each other have long been neglected.**





INLAND WETLANDS AND WATERCOURSES  
COMMISSION  
TOWN OF TRUMBULL

Application No. \_\_\_\_\_

APPLICATION FOR PERMIT

SECTION I

- Location/address of property where activity is proposed: 198 Old Dike Road  
Parcel Size 0.9 Ac Zone: AA Map ID: H06-120 Current Use: Single Family Residential
- Applicant's Name: Jeanine Norwood  
Applicant's Address: 198 Old Dike Road, Trumbull, CT 06611  
Telephone: (203) 843-7707 Cell: ( ) Email: jaynorwood@me.com  
Applicant's interest in property (Lessee, Licensee, Owner, etc.): Owner
- Name of Property Owner of Record: Jeanine Norwood & Fairfield Home Loans LLC  
*If the owner is a corporation, or other non-individual entity, include the primary contact information*  
Address of Owner of Record: 198 Old Dike Road, Trumbull, CT 06611  
Telephone: (203) 843-7707 Cell: ( ) Email: jaynorwood@me.com  
If Applicant is the Owner, go to #5
- The undersigned hereby authorizes \_\_\_\_\_ to act as Agent on my behalf as related to this application.

\_\_\_\_\_  
(Owner of Record)

- Description of proposed activity and location of property. Include listing of all proposed regulated activities (use separate sheet if necessary):

Removal of twenty (20) hazardous trees.

*The applicant understands that this application is to be considered complete only when all information and documents required by the Agency have been submitted.*

*The undersigned warrants the truth of all statements contained herein and in all supporting documents under penalty of false statement according to the best of his/her knowledge and belief.*

Permission is granted to the Town of Trumbull, Inland Wetlands & Watercourses Commission, and its agent (s) to inspect the subject land, at reasonable times, during the pendency of an application and for the life of the permit under Section 7.5 of the IWWC Regulations.

Applicant's Signature: \_\_\_\_\_ Date: \_\_\_\_\_  
(If not the Owner)

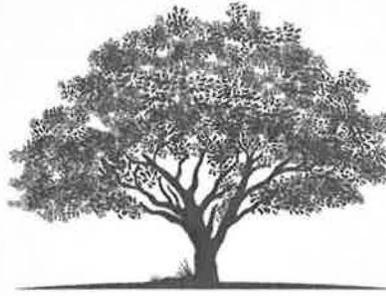
Owner's Signature: \_\_\_\_\_ Date: 6/30/20

**SECTION II**

**SITE PLAN REQUIREMENTS**

1. Total property area: 1.1 Ac Zone: AA Number of Lots: 1
2. Map ID, from assessors card: 5679
3. Total area existing of wetlands on property: Undetermined
4. Total area of Regulated area on property: It is presumed that the entire property lies within a regulated area.
5. Wetlands area to be disturbed: \_\_\_\_\_
6. Upland Review area to be disturbed: \_\_\_\_\_
7. Proposed % of wetlands on the property to be disturbed: \_\_\_\_\_
8. Total area of proposed land disturbance: Approximately 300 SF
9. Is the proposed activity located within 500 feet of the boundary of Easton, Monroe, Shelton, Stratford, Bridgeport or Fairfield: Yes \_\_\_\_\_ No X (If yes, see Section 8.2 of the Trumbull IWWC Regulations.)
10. Is any portion of the site located within a water company watershed: Yes \_\_\_\_\_ No X  
(If yes, see Section 8.3 of Trumbull Inland Wetlands & Watercourses Regulations.)
11. Existing property coverage type data:

	<u>Percent of Regulated Area:</u>	<u>Dominant Species:</u>
Trees:	<u>70%</u>	<u>Beech, Oak, Poplar, Ash, Maple</u>
Shrubs:	_____	_____
Grasses, weeds, etc:	<u>20%</u>	<u>Lawn</u>
Impervious area:	<u>10%</u>	<u>House, Patio &amp; Shed</u>
12. Existing watercourse data and open water characteristics: (if applicable)
  - a. Size of pond(s) or lake(s): N/A
  - b. Stream characteristics: Intermittent or permanent: Permanent (Booth Hill Brook)
  - c. 100 year flood evaluation: \_\_\_\_\_
13. Probable effect of proposal (if any) on vegetation and wildlife: Minimal. The property is heavily wooded and the trees proposed for removal will be replaced with new trees.
14. Existing or proposed source(s) of water supply for the property: Existing municipal water
15. Existing or proposed method of sewage disposal for the property: Existing municipal sewer
16. Creation of proposed water bodies (if yes, detailed information will be required): Yes: \_\_\_\_\_ No: X
17. List proposed measures to protect regulated and inland wetland areas from:
  - a. Erosion and sedimentation: Silt fence, See Soil Erosion & Sediment Control Plan (sheet 2.31)
18. Proposed percent of Regulated area to be covered with impermeable surface: 0%
19. Material to be (check all that applies): deposited  excavated  (if yes, complete the following)
  - a. Area: \_\_\_\_\_ Volume: \_\_\_\_\_
  - b. Physical & Chemical composition of material to be deposited: \_\_\_\_\_



## CT Timbermen

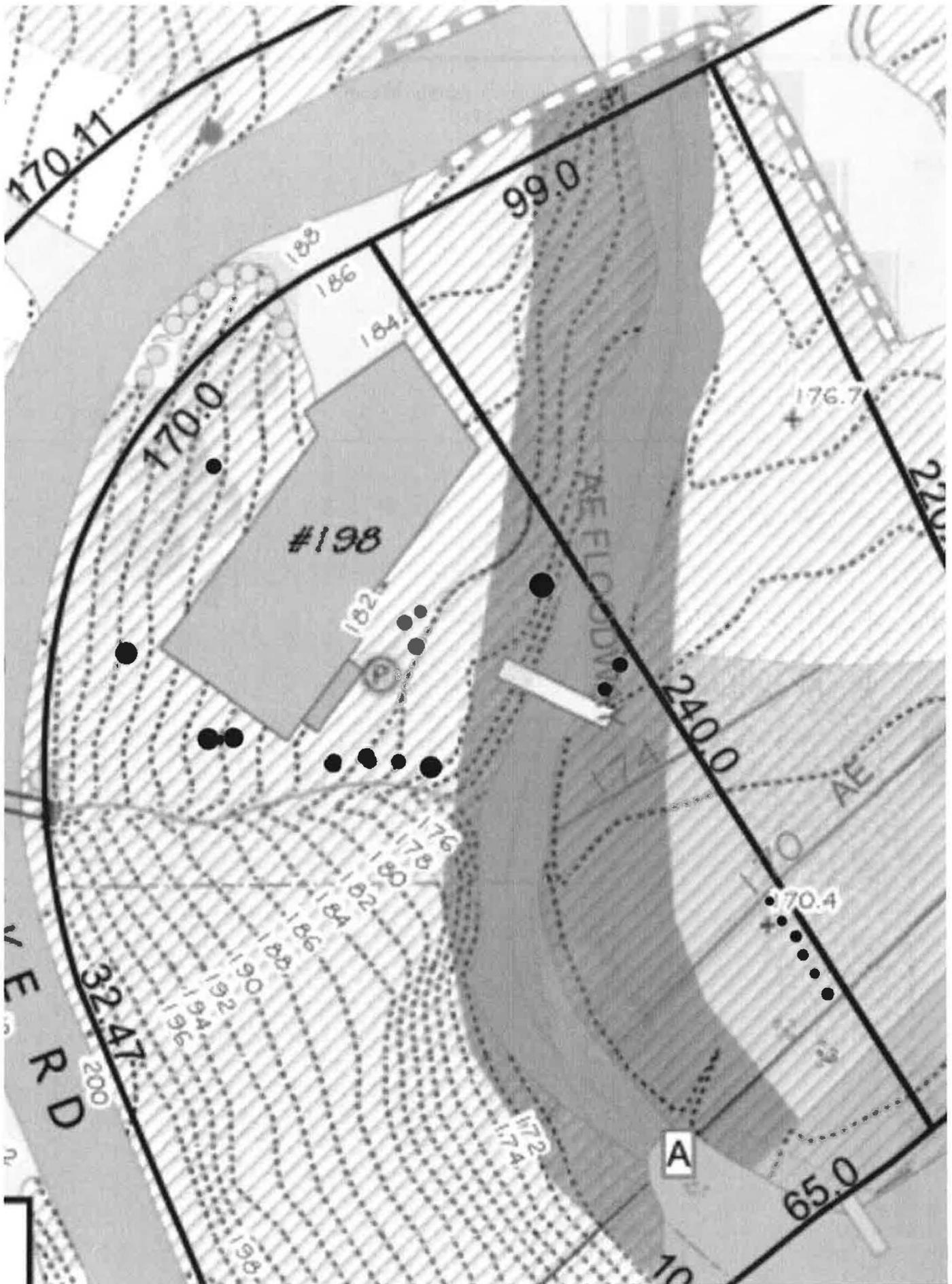
185 Purdy Hill Rd Suite A  
Monroe, CT 06468

To whom it may concern,

This letter is regarding hazardous trees surrounding the home and property at 198 Old Dike Rd Trumbull CT, 06468. Due to soil erosion and large amounts of ledge, many trees on the property are in danger of root system failure, posing a threat to the home and family. In previous years storms, multiple trees have been damaged and the soil erosion has taken its toll in an irreversible manner. The previous homeowner had long neglected the landscape and surrounding trees. We are proposing to plant more suitable species in place of the hazardous trees, marked to be removed. We plan to be as low impact as possible by utilizing specialized equipment to protect the surrounding environment. The trees we are proposing for removal have been labeled with an orange mark at the base, on the backside of the trunk. On the plot plan attached to this letter, the black dots represent the trees that are marked for removal. They consist of Beech, Tulip, Poplar, Ash, Maple, and Spruce. I hope I have given you the necessary information to identify the proposed work plan.

Thank you

Brandon Peloso  
CT Arborist S-6398  
TCIA CTSP#03189



To Whom It May Concern

Recently the Town of Trumbull expressed concerns regarding the tree remediation at 198 Old Dike Rd. Below is a brief outline of the steps CT Timbermen intends to take to alleviate any concerns the Town may have regarding any site or environmental impact.

For any trees cut and removed all stumps will be left in place and intact with the exception of two. The first being in the front yard of the residence and the second being in the backyard adjacent to the patio. The goal of this limit the disturbance to the soil and to not change the existing erosion and sedimentation.

CT Timbermen will also be utilizing a telescoping crane to remove all of the trees on the property. By using the crane this will eliminate the vast majority of wood chips and saw dust that is normally generated when trees are harvested by traditional ground method. Trees can be removed in much larger pieces thus resulting in less cuts. Anywhere possible saw dust and chips will be removed and remediated from the property, and in addition biodegradable bar oil will be used in all chain saws.

# 198 OLD DIKE ROAD

**Location** 198 OLD DIKE ROAD

**Mblu** H/06 / 00120/ 000/

**Acct#**

**Owner** NORWOOD JEANINE &

**Assessment** \$426,000

**Appraisal** \$608,576

**PID** 5679

**Building Count** 1

**Fire District** N

## Current Value

Appraisal	
Valuation Year	Total
2015	\$608,576

Assessment	
Valuation Year	Total
2015	\$426,000

## Owner of Record

<b>Owner</b>	NORWOOD JEANINE &	<b>Sale Price</b>	\$1
<b>Co-Owner</b>	FAIRFIELD HOME LOANS LLC	<b>Book &amp; Page</b>	1812/ 741
<b>Address</b>	198 OLD DIKE ROAD TRUMBULL, CT 06611	<b>Sale Date</b>	05/21/2020
		<b>Instrument</b>	01

## Ownership History

Ownership History				
Owner	Sale Price	Book & Page	Instrument	Sale Date
NORWOOD JEANINE &	\$1	1812/ 741	01	05/21/2020
NORWOOD JEANINE	\$645,000	1811/ 840		05/14/2020
BOLTON TIMOTHY JAMES & MARY ELLEN	\$1	1670/ 366	04	08/11/2014
BOLTON TIMOTHY JAMES & MARY ELLEN	\$460,000	1657/ 147		01/16/2014
KEENAN ANNE C	\$0	937/ 420	P	10/02/1997

## Building Information

**Building 1 : Section 1**

**Year Built:** 1946  
**Living Area:** 1,886

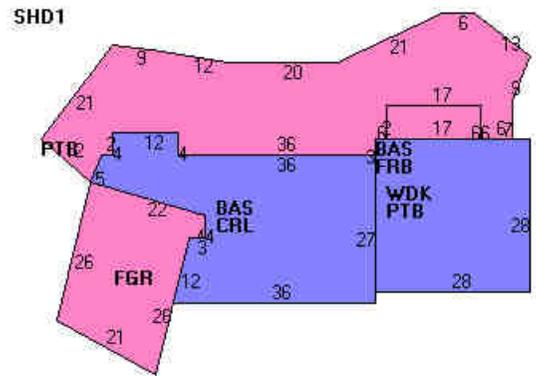
**Building Photo**



(<http://images.vgsi.com/photos2/TrumbullCTPhotos//00\02\78\96.jpg>)

Building Attributes	
Field	Description
Style	Split-Level
Stories:	1 Story
Occupancy	1
Exterior Wall 1	Vinyl Siding
Exterior Wall 2	Stone Veneer
Roof Structure:	Gable
Roof Cover	Asph/F GlS
Interior Wall 1	Drywall
Interior Wall 2	
Floor Covering	Hardwood
Alt. Floor Cover	Ceram Clay Til
Heat Fuel	Oil
Heat Type:	Hot Water
AC Type:	Central
Total Bedrooms:	3 Bedrooms
Total Bthrms:	3 Full Baths
Total Half Baths:	
Total Xtra Fixtrs:	1
Total Rooms:	6 Rooms
Bath Style:	Modern
Kitchen Style:	Modern
Total Kitchens	1
Total Elec Meters	1

**Building Layout**



([http://images.vgsi.com/photos2/TrumbullCTPhotos//Sketches/5679\\_5679.](http://images.vgsi.com/photos2/TrumbullCTPhotos//Sketches/5679_5679.))

Building Sub-Areas (sq ft)			Legend
Code	Description	Gross Area	Living Area
BAS	First Floor	1,886	1,886
CRL	Crawl Space	1,102	0
FGR	Attached Garage	567	0
FRB	Finished Raised Bsmt	784	0
PTB	Brick Patio	1,514	0
WDK	Wood Deck	102	0
		5,955	1,886

**Extra Features**

Extra Features			Legend
Code	Description	Size	Bldg #
FPL	Fireplace	1 Units	1

**Land**

**Land Use**

**Use Code** 101W  
**Description** Single Family WF  
**Zone** AA  
**Neighborhood** 530  
**Alt Land Appr** No  
**Category**

**Land Line Valuation**

**Size (Acres)** 1.1  
**Frontage**  
**Depth**

**Outbuildings**

Outbuildings					Legend
Code	Description	Sub Code	Sub Description	Size	Bldg #
SHD1	Shed	FR	Frame	130 S.F.	1

**Valuation History**

Appraisal	
Valuation Year	Total
2018	\$608,576
2017	\$608,576
2016	\$529,476

Assessment	
Valuation Year	Total
2018	\$426,000
2017	\$426,000
2016	\$370,630

**PLANTING NOTES**

- BE AWARE OF ALL UNDERGROUND UTILITIES PRIOR TO ANY EXCAVATION OR PLANTING OPERATIONS. USE CARE TO PROTECT EXISTING UTILITIES FROM DAMAGE. CONTACT "DIG SAFE" PRIOR TO EXCAVATION.
- ALL PLANTINGS ARE TO BE INSTALLED BY A QUALIFIED LANDSCAPE CONTRACTOR.
- THE CONTRACTOR SHALL BE REQUIRED TO CARRY WORKMENS COMPENSATION INSURANCE AND COMPREHENSIVE GENERAL LIABILITY INSURANCE. CERTIFICATES WILL BE REQUIRED PRIOR TO SIGNING CONTRACTS.
- CONTRACTOR IS RESPONSIBLE FOR JOBSITE SAFETY. CONTRACTOR SHALL MAINTAIN A SAFE JOBSITE AT ALL TIMES.
- CONTRACTOR SHALL BE FAMILIAR WITH THE SITE VERIFY ALL DIMENSIONS, GRADES AND EXISTING CONDITIONS. REPORT ANY DISCREPANCIES TO LANDSCAPE DESIGNER.
- CONTRACTOR IS RESPONSIBLE FOR OBTAINING ALL PERMITS AND LICENSES REQUIRED FOR COMPLETING WORK.
- CONTRACTOR SHALL BE RESPONSIBLE FOR DISPOSAL OF ALL EXCAVATED SOIL, BRUSH AND DEBRIS OFF-SITE IN A SAFE AND LEGAL MANNER.
- PROTECT EXISTING VEGETATION TO REMAIN FROM DAMAGE DURING CONSTRUCTION. IT IS THE INTENT OF THIS CONTRACT TO AVOID ANY DISTURBANCE TO EXISTING VEGETATION ON THE SITE OTHER THAN THOSE SPECIFICALLY DESIGNATED FOR REMOVAL. ADJUSTMENTS SHALL BE MADE IN THE FIELD AT THE DIRECTION OF THE LANDSCAPE DESIGNER.
- CONTRACTOR IS RESPONSIBLE FOR COORDINATING ALL PLANTING, SEEDING AND TREE WORK WITH OTHER TRADES. RESPECT OTHER TRADES WORK AT ALL TIMES.
- CONTRACTOR IS TO EXERCISE EXTREME CARE DURING THE COURSE OF DEMOLITION AND REMOVALS ANY DAMAGE TO EXISTING FACILITIES, UTILITIES OR TREES TO REMAIN SHALL BE THE SOLE RESPONSIBILITY OF THE CONTRACTOR TO REPLACE IN KIND.
- CONTRACTOR IS RESPONSIBLE FOR RESTORING ALL AREAS DAMAGED TO PRE-EXISTING CONDITIONS AS A RESULT OF PLANTING OPERATIONS TO OWNERS AND/OR LANDSCAPE DESIGNERS APPROVAL.
- THE LANDSCAPE DESIGNER RESERVES THE RIGHT TO REJECT INFERIOR PLANT MATERIALS AND SUBSTITUTIONS. THE LANDSCAPE DESIGNER IS WILLING TO MAKE TWO TRIPS TO SUPPLIERS TO TAG, REVIEW AND APPROVE MATERIALS. PREVIOUSLY UNAPPROVED MATERIALS MAY BE REJECTED AT THE SITE. MINIMALLY, ALL MATERIALS WILL CONFORM TO THE "AMERICAN STANDARD FOR NURSERY STOCK" (ANSI Z60.1 - 2004) OF THE AMERICAN ASSOCIATION OF NURSERYMEN.
- ALL PLANT MATERIAL SHALL BE GUARANTEED BY THE CONTRACTOR TO BE IN GOOD, HEALTHY AND FLOURISHING CONDITION FOR A PERIOD OF ONE YEAR FROM THE DATE OF ACCEPTANCE. THE CONTRACTOR SHALL REPLACE, AS SOON AS WEATHER AND SEASONAL CONDITIONS PERMIT, ALL DEAD PLANTS AND ALL PLANTS NOT IN A VIGOROUS, THRIVING CONDITION, AS DETERMINED BY THE LANDSCAPE DESIGNER DURING, AND AT THE END OF THE GUARANTEE PERIOD. WARRANTY REPLACEMENT WILL BE PROVIDED AT NO COST TO THE OWNER AND INCLUDE MATERIALS AND LABOR. CONTRACTOR IS RESPONSIBLE FOR REPAIR OF ANY DAMAGE INCURRED DURING REPLACEMENT OF WARRANTY MATERIALS.
- WHEN THERE IS A DISCREPANCY BETWEEN PLANT QUANTITIES SHOWN ON THE PLANT LIST & THE PLAN, USE THE QUANTITIES FROM THE PLAN.
- PROVIDE A MINIMUM 4" TOPSOIL FOR ALL DISTURBED AREAS PREVIOUSLY UNDER GRAVEL PARKING AREAS. TOPDRESS ALL OTHER DISTURBED AREAS WITH TOPSOIL AS REQUIRED. SUBMIT SAMPLE OF TOPSOIL AND SOIL TEST RESULTS FOR LANDSCAPE DESIGNER APPROVAL PRIOR TO DELIVERING TO SITE.
- MULCH ALL BEDS SHOWN AS CONTINUOUS WITH A 3" MINIMUM OF CEDAR BARK MULCH. SAMPLE TO BE SUBMITTED TO LANDSCAPE DESIGNER FOR APPROVAL.
- ALL PLANT MATERIALS TO BE SOURCED FROM LOCALLY GROWN GROWERS.

**PLANTING SOIL NOTES**

- ALL PLANTING MIXES SHALL BE PREPARED PRIOR TO DELIVERY TO SITE
- PLANTING MIX FOR TREES AND SHRUBS SHALL BE AS FOLLOWS
  - 3 PARTS SCREENED TOPSOIL
  - 1 PART CLEAN WASHED COARSE SAND
  - 1 PART PEAT HUMUS
  - 5 LBS. COMPOST PER CUBIC YARD OF MIX
- MYCORRHIZAL INOCULANT TO BE MYCOR TREE SAVER TRANSPARENT BY PLANT HEALTH CARE, INC. (1-800-421-9851) OR APPROVED EQUAL.
- TERRASORB AVAILABLE FROM PLANT HEALTH CARE, INC. OR APPROVED EQUAL.
- SUBMIT CERTIFICATION OF PLANTING MIX FOR TREES AND SHRUBS FROM SOIL DISTRIBUTOR.
- TOPSOIL MIX SHALL INCLUDE:
  - 3 PARTS SCREENED TOPSOIL
  - 1 PART SAND
  - 1 PART HUMUS
  - 5 LBS. COMPOST PER CU. YD. OF MIX
- TOPSOIL:
  - PROVIDE A NATURAL, FERTILE, FRABLE, NATURAL LOAM SURFACE SOIL CAPABLE OF SUSTAINING VIGOROUS PLANT GROWTH OF UNIFORM COMPOSITION THROUGHOUT AND WITHOUT ADMIXTURES OF SUBSOIL, AND FREE OF STONES, LUMPS, PLANTS, ROOTS, STICKS OR OTHER EXTRANEIOUS MATTER.
  - TOPSOIL SHALL CONTAIN NOT LESS THAN 4% NOR MORE THAN 20% ORGANIC MATTER AS DETERMINED BY THE WET COMBUSTION METHOD.
  - MECHANICAL ANALYSIS
 

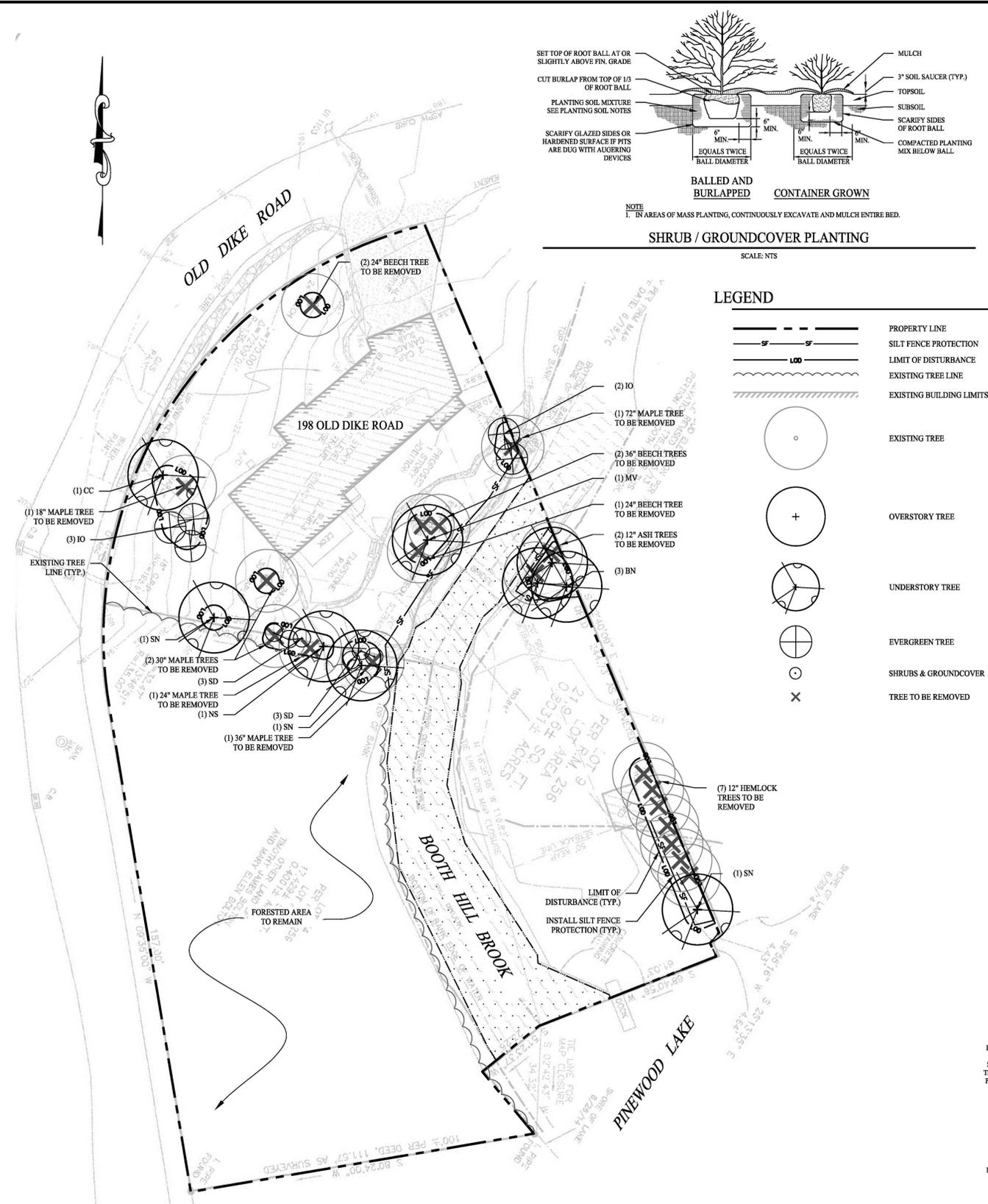
SCREEN SIZE	% BY WEIGHT PASSING
1/4"	100
NO. 200	97-100
NO. 45	20-45
  - CONTRACTORS SHALL BE RESPONSIBLE FOR ALL TESTING AND ANALYSIS OF EXISTING AND IMPORTED SOILS. FURNISH A SOIL ANALYSIS MADE BY A QUALIFIED INDEPENDENT SOIL - TESTING AGENCY STATING PERCENTAGES OF ORGANIC MATTER, INORGANIC MATTER (SILT, CLAY, AND SAND), DELICIOUS MATERIAL, PH, AND MINERAL AND PLANT - NUTRIENT CONTENT OF TOPSOIL.
  - REPORT SUITABILITY OF TOPSOIL FOR LAWN AND SHRUB PLANTING GROWTH. RECOMMEND QUANTITIES OF NITROGEN, PHOSPHORUS, AND POTASSIUM NUTRIENT AND ANY LIMESTONE, ALUMINUM SULFATE, OR OTHER SOIL AMENDMENTS TO BE ADDED TO PRODUCE A SATISFACTORY TOPSOIL.

**SOIL EROSION AND SEDIMENT CONTROL GENERAL NOTES**

- SEDIMENT & EROSION CONTROL NARRATIVE**  
THE SEDIMENT AND EROSION CONTROL PLAN WAS DEVELOPED TO PROTECT ANY ADJACENT WETLAND AREA AND WATER COURSE FROM SEDIMENT LADEN SURFACE RUNOFF AND EROSION.
- INSTALLATION OF SEDIMENTATION AND EROSION CONTROL MEASURES**
- SILTATION FENCE:**
    - DIG A SIX INCH TRENCH ON THE UPHILL SIDE OF THE DESIGNATED FENCE LINE LOCATION.
    - POSITION THE POST AT THE BACK OF THE TRENCH (DOWNHILL SIDE), AND HAMMER THE POST AT LEAST 15 FEET INTO THE GROUND.
    - LAY THE BOTTOM SIX INCHES OF THE FABRIC INTO THE TRENCH TO PREVENT UNDERMINING BY STORM WATER RUN-OFF.
    - BACKFILL THE TRENCH AND COMPACT.
  - HAY BALES:**
    - BALES SHALL BE PLACED IN A SINGLE ROW, LENGTHWISE, ORIENTED PARALLEL TO THE CONTOUR, WITH ENDS OF ADJACENT BALES TIGHTLY ABUTTING ONE ANOTHER.
    - BALES SHALL BE ENTRENCHED AND BACKFILLED. A TRENCH SHALL BE EXCAVATED THE WIDTH OF A BALE AND THE LENGTH OF THE PROPOSED BARRIER TO A MINIMUM DEPTH OF FOUR INCHES AFTER THE BALES ARE STACKED, THE EXCAVATED SOIL SHALL BE BACKFILLED AGAINST THE BARRIER.
    - EACH BALE SHALL BE SECURELY ANCHORED BY AT LEAST TWO (2) STAKES.
    - THE GAPS BETWEEN BALES SHALL BE WEDGED WITH STRAW TO PREVENT WATER LEAKAGE.
    - THE BARRIER SHALL BE EXTENDED TO SUCH A LENGTH THAT THE BOTTOMS OF THE END BALES ARE HIGHER IN ELEVATION THAN THE TOP OF THE LOWEST MIDDLE BALE, TO ENSURE THAT RUN-OFF WILL FLOW EITHER THROUGH OR OVER THE BARRIER, BUT NOT AROUND IT.
- OPERATION AND MAINTENANCE OF SEDIMENTATION AND EROSION CONTROL MEASURES**
- SILTATION FENCE:**
    - ALL SILTATION FENCES SHALL BE INSPECTED AS A MINIMUM WEEKLY OR AFTER EACH RAINFALL. ALL DETRIORATED FABRIC AND DAMAGED POSTS SHALL BE REPLACED AND PROPERLY REPOSITIONED IN ACCORDANCE WITH THIS PLAN.
    - SEDIMENT DEPOSITS SHALL BE REMOVED FROM BEHIND THE FENCE WHEN THEY EXCEED A HEIGHT OF ONE FOOT.
  - HAY BALES:**
    - ALL HAY BALE RINGS SHALL BE INSPECTED FOLLOWING EACH RAINFALL. REPAIR OR REPLACEMENT SHALL BE PROMPTLY MADE AS NEEDED.
    - DEPOSITS SHALL BE REMOVED AND CLEANED-OUT IF ONE HALF OF THE ORIGINAL HEIGHT OF THE BALES BECOMES FILLED WITH SEDIMENT.
- SEDIMENT AND EROSION CONTROL NOTES**
- THE OWNER (JAY NORWOOD [203-943-7072]) IS RESPONSIBLE FOR IMPLEMENTING THIS SEDIMENT AND EROSION CONTROL PLAN. THIS RESPONSIBILITY INCLUDES THE PROPER INSTALLATION AND MAINTENANCE OF EROSION CONTROL MEASURES, INFORMING ALL PARTIES ENGAGED WITH CONSTRUCTION ON THE SITE OF THE REQUIREMENTS AND OBJECTIVES OF THIS PLAN, INFORMING THE GOVERNING AUTHORITY OR INLAND WETLANDS AGENCY OF ANY TRANSFER OF THIS RESPONSIBILITY, AND FOR CONVEYING A COPY OF THE SEDIMENT & EROSION CONTROL PLAN TO THE TOWN OF TRUMBULL.
  - THE CONTRACTOR SHALL CONSTRUCT ALL SEDIMENT AND EROSION CONTROL MEASURES IN ACCORDANCE WITH THE CONNECTICUT GUIDELINES FOR SOIL EROSION AND SEDIMENT CONTROL, PREPARED BY CDEEP. LATEST EDITION IN ACCORDANCE WITH THE CONTRACT DOCUMENTS, AND AS DIRECTED BY THE TOWN OF TRUMBULL. THE CONTRACTOR SHALL KEEP A COPY OF THE GUIDELINES ON-SITE FOR REFERENCE DURING CONSTRUCTION.

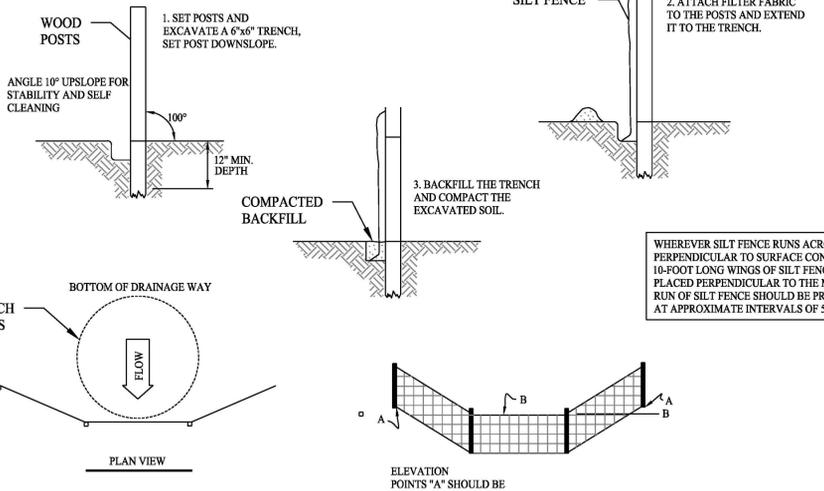
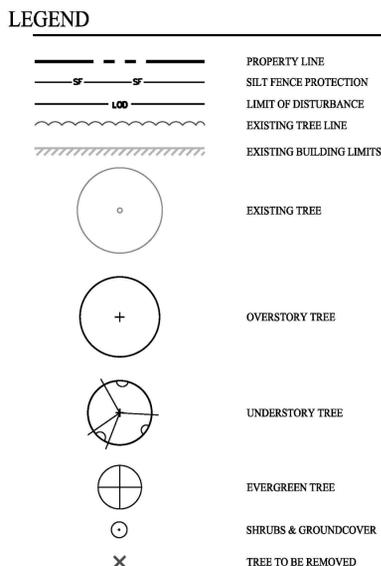
**GENERAL NOTES**

- EXISTING BOUNDARY AND TOPOGRAPHIC INFORMATION TAKEN FROM A SURVEY PLAN ENTITLED "ZONING LOCATION SURVEY OF PROPERTY KNOWN AS 198 OLD DIKE ROAD TRUMBULL, CONNECTICUT" DATE: AUGUST 28, 2014; SCALE: 1" = 20'; BY DAVID E. WILSON, L.S.
- THE SUBJECT PARCELS CONSIST OF A TOTAL AREA OF APPROXIMATELY 1.0 ACRE, LOCATED IN THE RESIDENCE AA DISTRICT OF TRUMBULL, CONNECTICUT.
- NO CONSTRUCTION OR DEMOLITION SHALL BEGIN UNTIL APPROVAL OF THE FINAL PLANS IS GRANTED BY ALL GOVERNING AND REGULATORY AGENCIES AND ISSUANCE OF A DULY AUTHORIZED CERTIFICATE OF ZONING COMPLIANCE AND BUILDING PERMIT FROM THE TOWN OF TRUMBULL.
- THE CONTRACTOR SHALL VERIFY ALL SITE AND BUILDING CONDITIONS IN THE FIELD AND CONTACT THE SITE ENGINEER IF THERE ARE ANY QUESTIONS OR CONFLICTS REGARDING THE CONSTRUCTION DOCUMENTS AND/OR FIELD CONDITIONS.
- THE CONTRACTOR SHALL ABIDE BY ALL OSHA FEDERAL, STATE AND LOCAL REGULATIONS WHEN OPERATING CRANES, BOOMS, HOISTS, ETC. IN CLOSE PROXIMITY TO OVERHEAD AND BELOW GROUND ELECTRIC LINES. IF CONTRACTOR MUST OPERATE EQUIPMENT CLOSE TO ELECTRIC LINES, CONTACT POWER COMPANY TO MAKE ARRANGEMENTS FOR PROPER SAFEGUARDS. ANY UTILITY COMPANY FEES SHALL BE PAID FOR BY THE CONTRACTOR.
- THE ARCHITECT OR ENGINEER IS NOT RESPONSIBLE FOR SITE SAFETY MEASURES TO BE EMPLOYED DURING CONSTRUCTION. THE ARCHITECT AND ENGINEER HAVE NO CONTRACTUAL DUTY TO CONTROL THE SAFEST METHODS OR MEANS OF THE WORK, JOB SITE RESPONSIBILITIES, SUPERVISION OR TO SUPERVISE SAFETY AND DOES NOT VOLUNTARILY ASSUME ANY SUCH DUTY OR RESPONSIBILITY.
- INFORMATION ON EXISTING UTILITIES AND STORM DRAINAGE SYSTEMS HAS BEEN COMPILED FROM AVAILABLE INFORMATION INCLUDING UTILITY COMPANY AND MUNICIPAL RECORD MAPS AND/OR FIELD SURVEY AND IS NOT GUARANTEED CORRECT OR COMPLETE. UTILITIES AND STORM DRAINAGE SYSTEMS ARE SHOWN TO ALERT THE CONTRACTOR TO THEIR PRESENCE AND THE CONTRACTOR IS SOLELY RESPONSIBLE FOR DETERMINING ACTUAL LOCATIONS AND ELEVATIONS OF ALL UTILITIES AND STORM DRAINAGE SYSTEMS INCLUDING SERVICES. PRIOR TO DEMOLITION OR CONSTRUCTION, THE CONTRACTOR SHALL CONTACT "CALL BEFORE YOU DIG" 72 HOURS BEFORE COMMENCEMENT OF WORK AT 1-800-922-4455 AND VERIFY ALL UTILITY AND STORM DRAINAGE SYSTEM LOCATIONS.
- DO NOT SCALE DRAWINGS. DIMENSIONS GOVERN OVER SCALED DIMENSIONS.
- ALL CONTRACTORS AND SUBCONTRACTORS SHALL OBTAIN COMPLETE DRAWING PLAN SETS FOR BIDDING AND CONSTRUCTION. PLAN SETS SHALL NOT BE DISASSEMBLED INTO PARTIAL PLAN SETS FOR USE BY CONTRACTORS AND SUBCONTRACTORS OF INDIVIDUAL TRADES. IT SHALL BE THE CONTRACTORS AND SUBCONTRACTORS RESPONSIBILITY TO OBTAIN COMPLETE PLAN SETS FOR USE IN BIDDING AND CONSTRUCTION.
- ALL NOTES AND DIMENSIONS DESIGNATED "TYP." APPLY TO ALL LIKE OR SIMILAR CONDITIONS THROUGHOUT THE PROJECT.
- CONTRACTORS TO TAKE AND VERIFY ALL DIMENSIONS AND CONDITIONS OF THE WORK AND BE RESPONSIBLE FOR COORDINATION OF SAME. FIELD VERIFY ALL EXISTING CONDITIONS PRIOR TO START OF WORK.

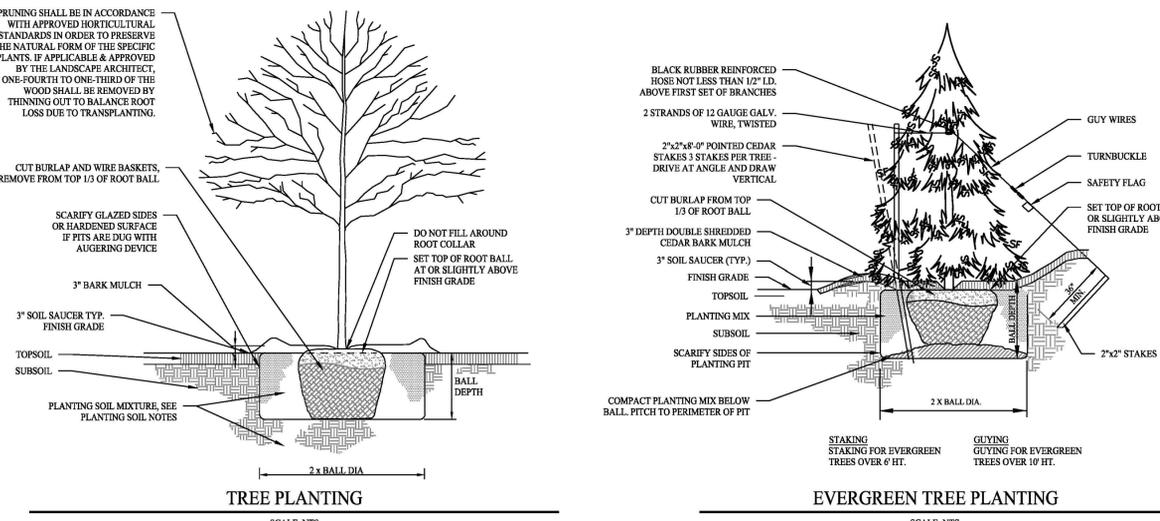


**PROPOSED PLANT SCHEDULE**

KEY	QTY	BOTANICAL NAME	COMMON NAME	ROOT SIZE	COMMENTS
<b>TREES</b>					
BN	3	BETULA NIGRA 'HERITAGE'	HERITAGE RIVER BIRCH	B&B 3"-3 1/2" CAL.	MULTI-STEM
IO	5	ILEX OPACA	AMERICAN HOLLY	CONT 6'-8" HT	FULL, EXTRA HEAVY
NS	1	NYSSA SYLVATICA	BLACK TUPELO	B&B 3"-3 1/2" CAL.	FULL, EXTRA HEAVY
SN	3	SALIX NIGRA	BLACK WILLOW	B&B 3"-3 1/2" CAL.	FULL, EXTRA HEAVY
<b>UNDERSTORY TREES</b>					
CC	1	CERCIS CANADENSIS	EASTERN REDBUD	B&B 2 1/2"-3" CAL.	FULL, EXTRA HEAVY
MV	1	MAGNOLIA VIRGINIANA	SWEETBAY MAGNOLIA	B&B 2 1/2"-3" CAL.	FULL, EXTRA HEAVY, SINGLE STRAIGHT LEADER
<b>UPLAND SHRUBS</b>					
SD	6	SALIX DISCOLOR	PUSSY WILLOW	CONT 18"-24" HT	FULL, EXTRA HEAVY



**SILT FENCE PROTECTION DETAIL**



Rev. #:	Date	Description

**SOLLI ENGINEERING**  
501 Main Street, Monro, CT 06468 T: (203) 880-5455 F: (203) 880-9695  
331 Newbury Street, Boston, MA 02115 T: (617) 203-3160 F: (203) 880-9695

Drawn By:	MFB
Checked By:	KMS
Approved By:	KMS
Project #:	2004101
Plan Date:	07/02/20
Scale:	1" = 20'
Project:	Mary Blackburn, P.L.A. CT 1499

**NORWOOD RESIDENCE**  
198 OLD DIKE ROAD  
TRUMBULL, CONNECTICUT

Sheet Title:	TREE REMOVAL & LANDSCAPE PLAN	Sheet #:	2.61
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