

Section 1

- Install new planting Approximately 400ft
- Fastigiata White Pine (40 Trees -14' tall)
- Spaced on a 10ft center

Section 2

- Existing White Pines along wall facing Fairfield Beach Road, replace as needed
- Install planting approximately 240ft
- Eastern Red Cedar staggered on a 10ft center (24 Trees - 6' tall)
- Black gum installed on a 50ft center in front of Cedar trees (5 Trees-15' tall)
- Serviceberry and Winterberry will be placed around Black gum (10 shrubs, 3-5 gal.)

Section 3

- Install planting approximately 340ft
- Eastern Red Cedar staggered on a 10ft center (34 Trees-6' tall)
- Black gum installed on a 50ft center (7 Trees-15' tall)
- Serviceberry and Winterberry placed around Black Gum (14 Trees, 3-5 gal.)

All trees and shrubs are deer resistant. Tolerates salt and moist soils and requires minimal maintenance. Many attributes that contribute to forest birds and wild life.

C1.02, C2.02, C5.02

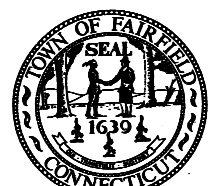
C1.03, C2.03, C5.03

C1.01, C2.01, C5.01

C1.04, C2.04, C5.04



Town of Fairfield  
Dept. of Public Works



Wastewater Treatment Hardening Project  
Planting Plan  
Richard White Way, Fairfield, CT

DRAWN BY: juls  
DATE: April 5, 2018  
SCALE: 1"=60'

CHK'D BY: J.M.  
FILE NO:  
MAP NO:



## Wastewater Treatment Hardening Project Planting Specifications

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# Upright White Pine



- **Eastern White Pine** (*Pinus Strobus Fastigiata*).
- **Hardiness Zone 3-8:** Connecticut is zone 5/6.
- **Growth Rate:** Grows at a fast rate, with potential growth of 24-36" per year. Can grow in excess of 50ft tall and 12ft wide.
- **Sun Preference:** Full sun and partial shade are best for this tree, it prefers a minimum of four hours of direct sunlight each day.
- **Soil Preference:** Grows in acidic, moist well-drained and dry soils. While it does best in moist soil, the tree can be known to tolerate everything from dry, rocky ridges to bogs.
- **Attributes:** Works well for windbreaks and screening in areas that are limited for space. Rapid growth rate. Provides food and shelter for numerous forest birds and wild life. Tolerates heavy winds, snow, ice, heat waves and drought. Deer resistant. Little to no maintenance.

# EASTERN RED CEDAR

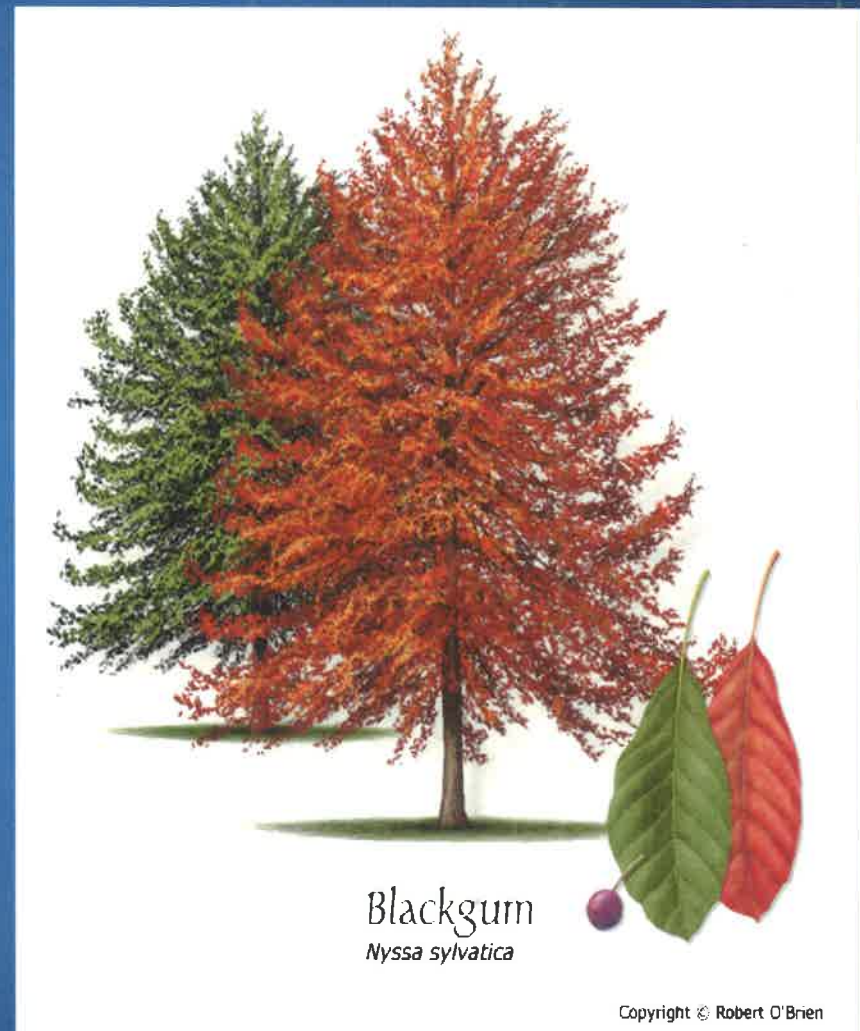
- **HARDINESS ZONES:** ZONE 2-9
- **GROWTH RATE:** 13-24" PER YEAR.  
MATURES TO 40-50' SPREAD OF 8-20'
- **SUN PREFERENCE:** FULL SUN OR AT  
LEAST SIX HOURS OF SUNLIGHT
- **SOIL PREFERENCE:** GROWS IN ACIDIC,  
LOAMY, MOIST, SANDY, SILTY SOIL. CAN  
WITHSTAND OCCASIONAL FLOODING,  
HAS GOOD DROUGHT TOLERANCE
- **ATTRIBUTES:** DUE TO ITS VERSITILITY AND  
TOLERANCE OF MULTIPLE SOIL  
CONDITIONS IT MAKES A GREAT CHOICE  
FOR SCREENING CONDITIONS. TOLERATES  
WIND AND SALT. PRODUCES BERRIES  
THAT ARE A FOOD SOURCE FOR WILDLIFE.  
NESTING PLACE FOR MANY SPECIES OF  
BIRDS.





# BLACK GUM

- HARDINESS ZONE: ZONES 4-9
- GROWTH RATE: 12-24" PER YEAR, MATURE HEIGHT OF 30-50', SPREAD OF 20-30'
- SUN PREFERENCE: FULL SUN TO PARTIAL SHADE
- SOIL PREFERENCE: ACIDIC, LOAMY, MOIST, SANDY, SILTY SOILS.
- ATTRIBUTES: STUNNING FALL COLOR, FRUIT IS A FOOD SOURCE FOR MANY SPECIES OF BIRDS. PROVIDES NUTRITION FOR BEES IN EARLY SPRING.



# DOWNY SERVICEBERRY

- **HARDINESS ZONES:** ZONE 4-9
- **GROWTH RATE:** 13-24" PER YEAR.  
MATURES TO 15-25'
- **SUN PREFERENCE:** FULL SUN TO  
PARTIAL SHADE
- **SOIL PREFERENCE:** TOLERATES  
ACIDIC, MOIST SOILS
- **ATTRIBUTES:** TREE IS AN ALL  
SEASON BEAUTY. BLOOMS MARCH-  
APRIL, WITH WHITE FLOWER.  
LEAVES TURN RED GOLD IN THE  
FALL. PRODUCES BERRY LIKE FRUIT  
WHICH IS LOVED BY WILDLIFE.





# WINTERBERRY

- **HARDINESS ZONES:** ZONE 4-7
- **GROWTH RATE:** 13-24" PER YEAR, MATURE HEIGHT OF 18-24', SPREAD 10-12'
- **SUN PREFERENCE:** FULL TO PARTIAL SHADE
- **SOIL PREFERENCE:** ACIDIC, LOAMY, MOIST, SANDY, SILTY SOIL.
- **ATTRIBUTES:** CAN BE GROWN AS A SHRUB OR TREE. LIGHT GREEN LEAVES TURN YELOWISH-RED IN FALL. PRODUCES VIVID ORANGE FRUIT IN THE WINTER MONTHS.







View from Longdean Road





View from Forest Avenue





View from Fairfield Beach Road