

PLANTING PLAN

1308 East Main Street, Stamford, CT

There is a wooden shed and an elevated gravel bed along the river northeast of the building. The vast majority of the shed and the entire gravel bed was constructed off of the property and will be removed as part of the building renovation.

These areas will be planted with herbaceous species specifically selected as they are tolerant of shade and do well in edge conditions. The herbaceous species will provide ground cover and stabilize the soil. Native trees and shrubs will be installed to enhance the riparian community along the river bank by providing a dense mid strata cover which will serve as escape cover and nesting areas for passerines while providing additional bank stabilization through the deeper roots.

The following notes will guide in the preparation of the planting area and the planting of nursery stock.

GENERAL PLANTING NOTES

1. All plant materials shall be inspected for defects or damage before planting. Substandard plants shall be returned to, and replaced by the contractor. Acceptable plants are to be planted per the specifications of the planting plan. It is the responsibility of the general contractor to provide for the safekeeping and maintenance of these plants for the duration of site construction activity. Once planted, all machinery shall avoid the planted area which should be demarcated clearly by flagged field stakes. Provisions for regular watering and inspections shall be made by the owner, or nursery contractor for the duration of the plant's first year in the ground.
2. All plant material PLACEMENTS are subject to field adjustment in response to site conditions. These adjustments shall be at the discretion of the site supervisor, or environmental monitor.
3. All plant materials are subject to replacement by suitable alternatives at the request of the owner, environmental monitor, nursery contractor, or appropriate agencies.
4. Plant materials are to be planted in accordance with requirements specified in the planting specifications. An application of lime may be required in addition to a standard application of a complete fertilizer compound at the discretion of the site supervisor, or environmental monitor.

HERBACEOUS SEED BED PREPARATION

1. Loosen the soil to make it less compact.
2. Fine grade and rake soil surface to remove stones larger than 2" in diameter. Add a minimum of 6 inches of top soil and apply limestone at a rate of 2 tons/acre or 90 lbs./1000 s.f.

SEED AND FERTILIZER APPLICATION

Thoroughly mix seed mixture with three times its volume of sand. Apply seed mixture in an even coverage by hand or cyclone seeder. Apply 8 to 9 month release Osmocote™ 18-6-12 fertilizer or equivalent at a rate of 300 lbs. per acre. Lightly roll the seeded surface to ensure good contact with soil. Lightly drag the seeded surface to cover seed with a thin (less than 1/8 inch) film of soil. Seeding should be done between April 15 and June 1 or between August 15th and October 15th. If seeding cannot be done during these times, repeat mulching procedure described below until seeding can take place.

Mulching

Immediately following seeding, mulch the seeded surface with straw or hay at a rate of 1.5 to 2 tons/ac. Spread mulch by hand or mulch blower. Punch mulch into soil surface with track machine or disk harrow set straight up. Mulch material should be "tucked" approximately 2"-3" into the soil surface.

RECOMMENDED SEED MIXTURE

APPLICATION RATE

New England Semi-Shade Grass and Forbs Mix

30 lbs./Acre

This mix was selected as it contains species that can receive some shade and will tolerate edge conditions. A similar mix can also be used. The mix contains:

Virginia Wildrye (*Elymus virginicus*), Canada Wild Rye (*Elymus canadensis*), Partridge Pea, (*Chamaecrista fasciculata*), Red Fescue, (*Festuca rubra*), Spiked Gayfeather/Marsh Blazing Star (*Liatris spicata*), Sensitive Fern (*Onoclea sensibilis*), Zigzag Aster (*Aster prenanthoides*/Symphyotrichum prenanthoide), Hollow-Stem Joe Pye Weed (*Eupatorium fistulosum*/Eutrochium fistulosum), White Avens, (*Geum canadense*), Eastern Columbine (*Aquilegia canadensis*), Path Rush (*Juncus tenuis*)

This mix is available from New England Wetland Plants. 14 Pearl Lane, South Hadley, MA 01075.

SHRUB PLANTINGS

Shrubs are to be introduced in areas shown by the plan.

1. All plantings shall be performed and completed between August 15 and October 15, between April 15 and June 15, or as weather Conditions Allow.
2. Plant nursery stock by excavating a sufficiently large enough hole to accommodate the plants and roots. The planting hole shall then be filled with water sufficient to saturate the surrounding soil. The roots shall be spread out adequately to promote good growth. All plants shall be set at the level of the existing grade.
3. The planting hole shall be filled with soil and firmed by tamping to fill any voids. Apply adequate depth of mulch around shrubs and trees to inhibit weed growth during the plant's first year of growth.
4. An adequate depth of mulch is to be placed around the planted shrubs and trees to inhibit weed growth during the plant's first year of growth.
5. Provide adequate irrigation and protection from deer until planted areas are established.

RECOMMENDED PLANTING SPECIFICATIONS

Est. Quant.	BOTANICAL NAME	COMMON NAME	INDICATOR STATUS	SIZE	Spacing	ROOT
2	<i>Acer rubrum</i>	Red maple	FAC	6'		CONTAINER
7	<i>Viburnum dentatum</i>	Arrowwood	FAC	4-6'	3-5' O.C.	CONTAINER
7	<i>Clethra alnifolia</i>	Sweet pepperbush	FAC+	3-4'	3-5' O.C.	CONTAINER
9	<i>Cornus racemosa</i>	Gray dogwood	FAC	4-6'	3-5' O.C.	CONTAINER