

# Landscaping

## ***A. Description***

This work shall consist of preparing the soil and furnishing and applying seed of the type or types specified, fertilizer, limestone, and mulch if required, on all areas designated for turf establishment as shown on the plans or ordered.

This work also includes furnishing and installing landscaping materials, including all layout, fertilizing, soil conditioning, staking, guying, watering, excavating, weeding, herbicides, fungicides, pesticides, refertilizing as necessary, replanting as needed, and stake and guy removal after the establishment period, as shown on the plans or as ordered.

## ***B. Materials***

### **Loam, Seed, & Slope Stabilization**

1. Loam and grass seed shall meet the requirements of Sections 641 and 644 of the NHDOT Standard Specifications.
2. **Seed:** Generally, Park Seed Type 15 shall be used on lawn areas and Slope Seed Type 44 shall be used for all slope work.
3. **Slope Stabilization Products:** Maximum slopes for intended for vegetation shall be 3:1. The use of slope stabilization products for slopes equal to or greater than 3:1 such as Geotextile fabrics or other approved alternatives are strongly encouraged in lieu of stone fill where conditions permit.
4. Shall the contractor request the use of stabilization products in lieu of stone fill as shown on the approved design plans, the contractor shall contact the design engineer for the project and a written letter describing the proposed geotextiles and the stability of the slope using the proposed product, shall be submitted to the City Engineer for review and approval.

### **Acceptable Large Specimen Street Trees**

<u>Common Name</u>	<u>Generic and Specific Names</u>
Green Ash	Fraxinus pennsylvanica
White Ash	Fraxinum Americana
American Beech	Fagus grandiflora
European Beech	Fagus sylvatica
American Elm	Ulmus Americana
Shagbark Hickory	Carya ovata
Sugar Maple	Acer saccharum
Red Maple	Acer rubrum
Northern Red Oak	Quercus rubra
White Oak	Quercus alba
Pin Oak	Quercus palustris
Sycamore (London Planetree)	Platanus occidentalis
Eastern Larch	Larix laricina

European Larch  
Blue Spruce  
Norway Spruce  
Red Pine  
Ginko  
American Linden  
Zelkova

Larix deciduas  
Picea pungens  
Picea abies  
Pinus resinosa  
Ginko biloba  
Tilia Americana  
Zelkova serrata

### ***C. Construction Requirements***

#### **Loam, Seeding and Slope Stabilization**

1. **Seeding and initial fertilizing:** Seeding and initial fertilizing shall be done between April 1 and June 1, or between August 15 and October 15.
2. **Windy weather or frozen ground requirements:** Seeding shall not be done during windy weather or when the ground is frozen, excessively wet or otherwise untillable.
3. **Preparation for seeding:** All areas to be seeded shall be prepared to provide a reasonably firm but friable seed bed. All areas shall meet the specified grades and shall be free from weed growth and debris.
4. **Loam:** Loam shall be a minimum of 6" deep and free of debris, roots, stones, or other objectionable materials.
5. **Protection and care:** The contractor shall be responsible for protecting and caring for the seeded area until final acceptance of the work.
6. **Watering:** The seeded areas shall be carefully and suitably watered as necessary to produce a satisfactory growth.
7. **Re-seeding requirements:** Any part of the seeded areas that fail to show a uniform stand shall be re-seeded until all areas are covered with grass.

#### **Street Trees**

1. Trees benefit the City as a whole both functionally and aesthetically and shall be preserved in the development of building sites.
2. No trees are to be planted within 30-feet of an intersection.
3. Plantings shall not be placed in locations that inhibit sight distance per AASHTO Policy, Geometric Design of Highways and Streets.
4. Only City approved trees will be planted under aerial utilities.
5. Trees planted with City funds must be planted within 10-feet of the right-of-way so as to benefit the public.
6. Trees to be located to avoid conflicts with underground utility services.

## ***D. Inspection Requirements***

### **Visual Inspections**

The City of Concord reserves the right to perform visual inspection of landscaping items prior to placement.