

**SECTION 31 10 00****SITE CLEARING****PART 1 - DESIGN DIRECTIVES****1.1 PROJECT INCLUDES**

- A. Protection of existing trees, vegetation, landscaping materials, and site improvements not scheduled for clearing that might be damaged by construction activities.
- B. The architect is required to include all provisions of Tree and Plant Preservation as outlined in DC Standard, "Temporary tree and plant protection", section 01 56 39.
- C. Tree removal.
- D. Clearing and grubbing of stumps, vegetation, debris, rubbish, designated trees, and site improvements.
- E. Topsoil stripping and stockpiling.
- F. Temporary erosion control, siltation control, and dust control.
- G. Temporary protection of adjacent property, structures, benchmarks, and monuments.
- H. Temporary relocation of play structures, fencing, and site improvements scheduled for reuse.
- I. Watering of trees and vegetation during construction activities.
- J. Removal and legal disposal of cleared materials.

**PART 2 - PRODUCTS****2.1 MATERIALS**

- A. Tree protection:
- B. Erosion control:
  - 1. Straw Bales.
  - 2. Matting:
    - a. Jute Mat: Open weave averaging 130 lbs. per 14,400 yard spindle or 1.22 lbs. per linear foot of weave 48 average inches wide. No Nylon filament.
    - b. Excelsior mat: Wood excelsior, 35 inches minimum width, weighing 0.8 lbs. per yard.
    - c. Staples: No. 11 plain iron wire, 6 inches long.

**PART 3 - EXECUTION**

**3.1 TREE REMOVAL**

- A. Contractor must remove and dispose of the entire tree.
- B. Trimming, protection, and care of all existing trees shall be performed as recommended by the college arborist for protection during construction activities. The contractor shall contact the Dartmouth College Grounds Supervisor upon mobilizing at the site to confirm the required practices of protection and maintenance of all existing trees, landscaping, and plantings during construction.
- C. The contractor shall notify Dartmouth College Grounds Supervisor prior to removal of any trees at the project site.
- D. The contractor shall provide a plan for all removal or relocation of existing trees. The plan must be approved by Dartmouth College Facilities Operation and Management Department prior to commencing this work.
- E. The topsoil that will be removed from the project site shall be tested by the college testing agency and shall be delivered by the contractor to the college's stockpile as directed by the FOM representative of the project.

END OF SECTION 31 10 00