

## **DIVISION 2**

### **SECTION 02250 – TOPSOIL**

#### **PART 1 – GENERAL**

##### **1.01 Scope**

- A. This work shall consist of excavating, stockpiling, and placing topsoil on the project site ( and/or furnishing, hauling, and stockpiling) and placing topsoil from approved sources. This work shall also include preservation of vegetation and objects designated to remain from injury or defacement.

#### **PART 2 – MATERIALS**

##### **2.01 Topsoil**

- A. Topsoil shall consist of the organic growing layer of soil which is reasonably free of admixtures of subsoil, refuse, stumps, roots, rocks, brush, weeds, heavy clay, hard clods, toxic substances or other material which would be detrimental to proper development of vegetative growth.

#### **PART 3 – EXECUTION**

##### **3.01 Protection of Existing Improvements**

- A. Provide protection necessary to prevent damage to existing improvements indicated to remain in place.
- B. Protect improvements on adjoining properties and on City's property
- C. Restore damaged improvements to their original condition, acceptable to parties having jurisdiction.
- D. Protect existing trees and other vegetation indicated to remain in place, against unnecessary cutting, breaking, or skinning of roots, skinning and bruising of bark, smothering of trees by stockpiling construction materials or excavated material within drip line, excess foot or vehicular traffic, or parking of vehicles within drip line. Provide temporary guards to protect trees and vegetation to be left standing.
- E. Water trees and other vegetation to remain within limits of contract work as required to maintain their health during the course of construction operations.
- F. Provide protection for roots over 1-1/2" diameter cut during construction operations. Temporarily cover exposed roots with wet burlap to prevent roots from drying out; cover with earth as soon as possible.
- G. Repair or replace trees and vegetation indicated to remain which are damaged by construction operations, in a manner acceptable to parties having jurisdiction. Employ qualified tree surgeon to repair damages to trees and shrubs. Replace trees which cannot be repaired and restored to full growth status, as determined by the City.

##### **3.02 Construction Requirements**

- A. Materials selected for topsoil shall be excavated and stockpiled (and/or furnished, hauled, and stockpiled) and placed at the site and graded. Topsoil shall be placed directly upon constructed cut and fill slopes without the use of stockpiles whenever conditions and the progress or work will permit.
- B. Strip topsoil to whatever depths encountered in a manner to prevent intermingling with underlying subsoil or other objectionable material.

- C. Limit stripping to limits of construction shown on the drawings; or to as small an area as practical within the right-of-way or limits of construction.
- D. Remove heavy growths of grass from areas before stripping.
- E. Where trees or bushes are indicated to be left standing, stop topsoil stripping a sufficient distance from the trees or bushes to prevent damage to main root system.
- F. Stockpile topsoil in storage areas designated or agreed to prior to starting work. Construct storage piles to freely drain surface water. Cover storage piles if required to prevent wind-blown dust. Maintain topsoil free from contamination.
- G. The area where topsoil shall be removed are:
  - 1. Where final contours on the drawings indicate excavation or filling.
  - 2. Under all asphalt pavement.
  - 3. Under all walkways.
  - 4. Under all graveled driveways and storage areas.
  - 5. Under all new building sites.
- H. Topsoil shall be placed and graded in landscaped areas. Placement shall not impede drainage patterns. Topsoil shall not be placed until the areas to be covered have been properly prepared and grading operations in the area have been completed.

**END OF SECTION**