

SECTION 02110 - SITE CLEARING

PART 1 - GENERAL

1.01 DESCRIPTION OF WORK:

Provide all labor, tools, equipment and materials necessary to protect designated structures, trees and other vegetation within clearing limits and clear the area indicated on the drawings and as necessary to complete the work.

1. Protecting trees and vegetation beyond the clearing limit as necessary.
 2. Remaining trees and other vegetation within the clearing limits.
 3. Grubbing.
 4. Stripping and stockpiling topsoil.
- A. Coordinating this work with surveyor and protect property monuments and ground control for new work.
 - B. Coordinating site clearing with installation of temporary erosion control measures.
 - C. Coordinating with Owner and the City and conducting site clearing operations to ensure minimum interference with roads, streets, walks, and other adjacent occupied or used facilities. Do not close or obstruct streets, walks, or other occupied or used facilities without permission from authorities having jurisdiction.
 - D. Restoring damaged improvements to their original condition, as acceptable to property owners.

1.02 RELATED SECTIONS:

- A. Section 02200 - Earthwork
- B. Section 02210 - Temporary Erosion Control

1.03 PROJECT CONDITIONS:

- A. **Traffic:** Conduct site clearing operations to ensure minimum interference with roads, streets, walks, and other adjacent occupied or used facilities. Do not close or obstruct streets, walks, or other occupied or used facilities without permission from authorities having jurisdiction.
- B. **Protection of Existing Improvements:** Protect improvements on adjoining properties and on Owner's property.

C. Restore damaged improvements to their original condition, as acceptable to property owners.

D. Install appropriate soil erosion measures prior to commencement of work.

1.04 QUALITY ASSURANCE:

A. General: Comply with requirements of Division 1 - Quality Assurance; Submittals.

PART 2 - PRODUCTS (Not Applicable)

PART 3 - EXECUTION

3.01 PROTECTION OF EXISTING TREES AND VEGETATION:

A. Protect existing trees and other vegetation indicated to remain in place, against unnecessary cutting, breaking or skinning of roots, skinning or bruising of bark, smothering of trees by stockpiling construction materials or excavated materials 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.

B. Water trees and other vegetation to remain within limits of contract work as required to maintain their health during course of construction operations.

C. Provide protection for roots over 1-1/2 inches in diameter that are cut during construction operations. Coat cut faces with an emulsified asphalt, or other acceptable coating, formulated for use on damaged plant tissues. Temporarily cover exposed roots with wet burlap to prevent roots from drying out; cover with earth as soon as possible.

D. Repair or replace trees and vegetation indicated to remain which are damaged by construction operations, in a manner acceptable to Owner. Employ a licensed arborist to repair damages to trees and shrubs.

3.02 SITE CLEARING:

A. Remove trees, shrubs, grass and other vegetation, improvements, or obstructions as required to permit installation of new construction. Remove similar items elsewhere on site or premises as specifically indicated. "Removal" includes digging out and off-site disposal of stumps and roots. Stumps and roots may be ground and used on site as erosion control berms.

B. Cut minor roots and branches of trees indicated to remain in a clean and careful manner where such roots and branches obstruct installation of new construction.

- C. Use only hand methods for grubbing inside drip lines of trees indicated to be saved or protected.

3.03 TOPSOIL STRIPPING:

- A. Topsoil is defined as friable loam surface soil found in a depth of not less than 4 inches. Satisfactory topsoil is reasonably free of subsoil, clay lumps, stones, other objects over 2 inches in diameter, weeds, roots, and other objectionable material.
- B. Strip topsoil to whatever depths encountered in a manner to prevent intermingling with underlying subsoil or other objectionable material.
- C. Leave topsoil in place within drip lines of trees specified to remain to prevent damage to root system.
- D. Stockpile topsoil in storage piles in areas indicated or specified as stockpile areas. Construct storage piles to provide free drainage of surface water. Cover storage piles, if required, to prevent wind erosion, or seed with temporary seed mix.

3.04 DISPOSAL OF WASTE MATERIALS:

- A. Remove and legally dispose of all unsuitable material, waste materials, and spoil from the site.
- B. Burning will not be permitted.

* END OF SECTION 02110 *