**SECTION 31 10 00**

**SITE CLEARING**

##### BASED ON DFD MASTER SPECIFICATION DATED 02/17/2016

This section has been written to cover most (but not all) situations that you will encounter. Depending on the requirements of your specific project, you may have to add material, delete items, or modify what is currently written. The Division of Facilities Development expects changes and comments from you.

**PART 1 - GENERAL**

**SCOPE**

The work under this section shall consist of providing all work, materials, labor, equipment, and supervision necessary to clear and grub the site of existing vegetation as required in these specifications and on the drawings. Included are the following topics:

PART 1 - General

Scope

Related Work

Clearing Limits

PART 2 - Materials

Not Used

PART 3 - Execution

General

Cutting

Removal Methods

Grubbing

RELATED WORK

***(The designer must determine if this work will impact other related work or Contractors and should revise these specifications accordingly to only include those Sections that apply to the project.)***

Applicable provisions of Division 1 govern work under this Section.

Related work specified elsewhere:

Section 30 05 00 – Common Work Results For All Exterior Improvements

Section 31 13 00 – Selective Tree and Shrub Removal and Transplanting

Section 31 13 16 - Selective Tree and Shrub Protection and Trimming

Section 31 20 00 – Earthmoving

Section 31 25 00 – Erosion Control

Section 00 00 00 – (Section Title)

**CLEARING LIMITS**

Confine clearing and grubbing operations to the limits as indicated on the drawings. In the absence of such a designation on the drawings, confine work to the minimum area reasonably necessary to undertake the work as determined by the Owner's Project Representative. Clearing and grubbing operations shall not extend past the property line or easement line without prior approval of the DFD Project Representative.

**PART 2 - MATERIALS**

Not Used

**PART 3 - EXECUTION**

**GENERAL**

Limits of clearing and grubbing shall be as shown on drawings. When selective pruning and removal is specified, limit work to only those plants or limbs shown on the drawings or detailed in the specifications.

Remove and dispose of trees, stumps, roots, brush, vegetation, debris, and other items that interfere with new construction as shown on the drawings.

To minimize erosion, limit heavy equipment travel only to areas that are necessary to complete clearing and grubbing operations.

Repair damaged erosion control features immediately.

## CUTTING

Fell and prune trees in manner so as not to damage adjacent structures, site features or other plants not scheduled for removal.

If trees scheduled to remain are injured notify DFD Project Representative.

When pruning, limit removal only to those limbs shown on drawings or that which is necessary to complete other site work.

When pruning, make cuts near trunk, but beyond branch collar. If no branch collar is present, make a vertical cut near where the limb meets the trunk. Do not cut branch collar. Application of tree paint is not necessary for pruning trees as designated on the drawings unless otherwise noted.

Prevent the spread of oak wilt by treating all cut surfaces and abrasions sustained between April 1 and October 1 on healthy oak trees and saplings with a thorough application of tree paint immediately upon discovering a wound. Between these dates, also paint the cut surfaces of the stumps of all healthy oak trees and saplings immediately after cutting, whether remaining in place or grubbed.

Use sharp tools and make clean cuts.

## REmoval METHODS

Unless the drawings specify otherwise, the Contractor owns all trees, brush and debris removed from the site. All cleared material shall be disposed of offsite unless otherwise specified on the drawings or agreed upon by the Owner and DFD Project Representative prior to any clearing and grubbing taking place.

Clearing and grubbing debris shall be disposed of at facilities designed to accept the material that is being disposed. Follow all local, state and federal regulations.

## GRUBBING

Grubbing operations may be completed by removal of stump section or by grinding.

Remove stumps, logs, roots, other organic matter located within proposed building excavations completely.

Remove stumps, logs, roots, other organic matter located within proposed pavements and structures to the depth indicated:

Walks: 24 inches below subgrade

Roads and drives and parking areas: 36 inches below subgrade

Concrete slabs: 24 inches below subgrade

Lawn areas: 12 inches

Footings and foundations for signs, lights, etc.: 18 inches below footing base

Depressions resulting from grubbing operations shall be backfilled in accordance with Section 31 20 00 – Earthwork.

**END OF SECTION**