# SECTION 311100 CLEARING, STRIPPING, AND GRUBBING

## PART 1 - GENERAL

A. Description

This section describes the work included in clearing, stripping, grubbing, and preparing the project site for construction operations.

B. Related Work Specified Elsewhere

1. Existing Conditions: General Conditions and Section 013300.

2. Protecting Existing Underground Utilities: 020120.

3. Trenching, Backfilling, and Compacting: 312316.

C. Clearing

Remove and dispose of trees, snags, stumps, shrubs, brush, limbs, sticks, branches, and other vegetative growth. Remove rocks, tiles, and lumps of concrete. Remove all evidence of their presence from the surface. Remove and dispose of trash piles, rubbish, and fencing, as shown in the drawings. Protect structures and piping above and below ground, trees, shrubs, and vegetative growth and fencing which are not designated for removal.

D. Stripping

1. Remove and dispose of organic sod, grass and grass roots, and other objectionable material remaining after clearing from the areas designated to be stripped.

2. Retain topsoil material onsite, as shown in the drawings and discussed on Specification Section 011160, for dressing backfill areas before planting.

E. Grubbing

After clearing and stripping, remove and dispose of wood or root matter, including stumps, logs, trunks, roots, or root systems greater than 1 inch in diameter or thickness to a depth of 12 inches below the ground surface.

## PART 2 - MATERIALS

### A. Trees and Shrubbery

Existing trees, shrubbery, and other vegetative material may not be shown in the drawings. Inspect the site as to the nature, location, size, and extent of vegetative material to be removed or preserved, as specified herein. Preserve in place trees that are specifically shown in the drawings and designated to be preserved.

### B. Preservation of Trees, Shrubs, and Other Plant Material

1. Save and protect plant materials (trees, shrubbery, and plants) beyond the limits of clearing and grubbing from damage resulting from the work. No filling, excavating, trenching, or stockpiling of materials will be permitted within the drip line of these plant materials. The drip line is defined as a circle drawn by extending a line vertically to the ground from the outermost branches of a plant or group of plants. To prevent soil compaction within the drip line area, no equipment will be permitted within this area.

2. Cut and remove tree branches where necessary for construction, except those required for a balanced appearance. Treat cuts with a tree sealant.

## PART 3 - EXECUTION

### A. Clearing, Stripping, and Grubbing Areas and Limits

1. Clear, strip, and grub excavation areas associated with new structures and slabs.

2. Clear and strip stockpile areas.

3. Limits of clearing, stripping, and grubbing:

   a. Excavation, Excluding Trenches: 5 feet beyond tops of cut slopes.

   b. Trench excavation for piping and electrical conduits: 3 feet from edge of trench.

### B. Disposal of Clearing and Grubbing Debris

Do not burn combustible materials. Remove cleared and grubbed material from the worksite and dispose.

### C. Disposal of Strippings

Remove stripped material and dispose offsite, except topsoil.

END OF SECTION