

SECTION 31 10 00

SITE CLEARING

PART 1 - GENERAL

1.01 DESCRIPTION

- A. Work Specified in this Section: Furnish materials and perform labor required to execute this work as indicated on the drawings, as specified and as necessary to complete the Contract, including, but not limited to these major items:
 - 1. Coordinate the work of this section with other trades including off-site construction.
 - 2. Clearing.
 - 3. Tree removal.
 - 4. Pruning.
 - 5. Grubbing.
 - 6. Protect existing improvements and vegetation designated to remain.
- B. Related Work Specified Elsewhere:
 - 1. Grading.

1.02 SITE CONDITIONS

- A. Site Visitation: In preparing the proposal, the Developer Design/Builder is assumed to have visited the site, carefully examined the drawings and specifications, and determined the methods or removal and storage of materials, the sequencing of operations and the attendant problems. No allowance will be made subsequently to the Developer Design/Builder for errors due to negligence in observing the site conditions.
- B. Toxic Substances: No toxic substances are known to be present on the site. Should toxic substances be encountered the Developer Design/Builder shall immediately stop work in the vicinity of the toxic substances and notify the County's Representative for instructions before proceeding with the work.

PART 2 - PRODUCTS

2.01 MATERIALS

- A. Tree Wound Paint: Bituminous based paint of standard manufacture specially formulated for tree wounds.

PART 3 - EXECUTION

3.01 PROTECTION

- A. Roads and Walks: Keep roads and walks free of dirt and debris at all times.
- B. Trees, Shrubs, and Existing Facilities: Trees, shrubs, lawns and plants that are not to be removed shall be protected from injury or damage. Repair or replace existing improvements damaged during the conduct of this work with material of same kind, quality and size.

- C. Utility Lines: Protect existing utility lines that are indicated to remain from damage. Notify the County's Representative immediately of damage to or an encounter with an unknown utility line. The Developer Design/Builder shall be responsible for the repairs of damage to existing utility lines that are indicated or made known to the Developer Design/Builder prior to the start of clearing and grubbing operations. When utility lines which are to be removed are encountered within the area of operations, the Developer Design/Builder shall notify the County's Representative in ample time to minimize interruption of the service.

3.02 CLEARING

- A. Clearing shall consist of felling, trimming, and cutting of trees into sections and the satisfactory disposal of the trees and other vegetation designated for removal, including downed timber, brush, and rubbish occurring within the areas to be graded. Cut off flush with or below the original ground surface trees, stumps, roots, brush, and other vegetation in areas to be cleared, except for trees and vegetation indicated or directed to be left standing.

3.03 TREE REMOVAL

- A. Where indicated, remove designated trees and stumps and grub roots.

3.04 PRUNING

- A. Prune individual trees as indicated. Trim trees designated to be left standing within the cleared areas of dead branches 12 inches or more in diameter. Trim branches in the manner indicated. Neatly cut limbs and branches to be trimmed close to the bole of the tree or main branches. Paint cuts more than 13 inches in diameter with an approved tree wound paint.

3.05 GRUBBING

- A. Remove and dispose of roots larger than three inches in diameter, matted roots, and stumps from the indicated grading areas. Excavate this material together with logs, organic and metallic debris, brush, and refuse and remove to a depth of not less than 18 inches below the original soil surface in areas indicated to be graded. Fill depressions made by grubbing with suitable material and compact in accordance with the requirements specified in Section 31 22 00, "Grading" to make the new surface conform with the adjacent surface of the ground.

3.06 CLEANUP AND DISPOSAL

- A. Throughout all phases of the work, including suspensions of work, and until final acceptance of the project, the Developer Design/Builder shall keep the work site and all abutting public right-of-way clean and free of all rubbish and debris. Cleared and grubbed materials shall be disposed of off the project site. Cleanup shall be done on a daily basis.
- B. Regulations: Comply with all federal, state, and local hauling and disposal regulations.
- C. Burning and burying materials on-site is prohibited.

END OF SECTION