

Clearing, Grubbing, Structure Removal

1. SCOPE

The work shall consist of the clearing and grubbing of designated areas by removal and disposal of trees, snags, logs, stumps, shrubs and rubbish, and the removal, salvage and disposal of structures (including fences) from the designated areas.

2. PROTECTION OF EXISTING VEGETATION

Trees and other vegetation designated to remain undisturbed shall be protected from damage throughout the duration of the construction period. Any damages resulting from the contractor's operations or neglect shall be repaired by the contractor.

Earth fill, stockpiling of materials, vehicular parking, and excessive foot or vehicular traffic shall not be allowed within the drip line of vegetation designated to remain in place. Vegetation damaged by any of these or similar actions shall be replaced with viable vegetation of the same species, similar condition, and like size.

Any cuts, skins, scrapes, or bruises to the bark of the vegetation shall be carefully trimmed and local nursery accepted procedures used to seal damaged bark.

Any limbs or branches one inch or larger in diameter that are broken, severed, or otherwise seriously damaged during construction shall be cut off at the base of the damaged limb or branch flush with the adjacent limb or tree trunk. All roots one inch or larger in diameter that are cut, broken, or otherwise severed during construction operations shall have the end smoothly cut perpendicular to the root. Roots exposed during excavation or other operations shall be covered with moist earth or backfilled as soon as possible to prevent the roots from drying out.

3. MARKING

The limits of the areas to be cleared and grubbed will be marked by means of stakes, flags, tree markings or other suitable methods. Trees to be left standing and uninjured will be designated by special markings placed on the trunks at a height of about six feet above the ground surface.

Each structure or structure part to be removed or the area where all structures are to be removed, will be marked by means of stakes, flags, painted markers or other suitable methods.

4. REMOVAL

All trees not marked for preservation and all snags, logs, brush, stumps and rubbish shall be removed from within the limits of the marked areas. Unless otherwise specified, all stumps, roots and root clusters having a diameter of one inch or larger shall be grubbed out to a depth at least two feet below subgrade elevation for concrete structures and one foot below the ground surface at embankment sites and other designated areas.

All structures designated for removal in the contract shall be removed to the specified extent and depth.

5. SALVAGE

Structures or structure parts that are designated to be salvaged shall be carefully removed and neatly placed in the specified or approved storage location. Salvaged structures that are capable of being disassembled shall be dismantled into individual members or sections. Such structures shall be neatly and systematically match marked with paint before disassembly. All connectors and other parts shall be marked to indicate their proper

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location within the structure and shall be fastened to the appropriate structural member or packed in suitable containers. Material from fences designated to be salvaged shall be placed outside the work area on the property on which the fence was originally located. Fence wire shall be rolled into uniform rolls of suitable size and neatly piled with other salvaged materials. Posts and rails shall be neatly stacked.

8. DISPOSAL OF REFUSE MATERIALS

All materials removed from the cleared and grubbed or structure removal areas shall be burned or buried at locations shown on the drawings or as specified in the special provisions.

All burning operations shall be subject to all public laws, codes, and restrictions governing such operations. The contractor shall be responsible for obtaining all required permits for burning and for any damage to life and/or property caused by fires resulting from his operations.

All noncombustible materials removed from the area shall be buried at approved locations or removed from the site. Materials buried at the work site shall have a minimum earth cover of two feet and the backfilled surface shall be smoothed and graded.

7. MEASUREMENT AND PAYMENT

(Used only if applicable)

For items of work for which specific unit prices are established, each item will be measured to the nearest unit applicable. Acreage will be measured to the nearest 0.1 acre. Payment for each item will be made at the agreed-to unit price for that item. For items of work for which specific lump sum prices are established, payment will be made at the lump sum price.

Such payment will constitute full compensation for all labor, equipment, tools,

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and all other items necessary and incidental to the completion of the work.

Compensation for any item of work shown on the drawings or described in the special provisions but not listed on the bid schedule will be considered incidental to and included in the pay items listed on the bid schedule.