

NATURAL RESOURCES CONSERVATION SERVICE
CONSTRUCTION SPECIFICATION
North Dakota

CLEARING, GRUBBING, AND STRUCTURE REMOVAL
(Code 109)

1. SCOPE

The work consists of the clearing and grubbing and disposal of trees, snags, logs, brush, stumps, shrubs, and rubbish from the designated areas. This specification also includes the removal, salvage, and disposal of structures; including fences. Any materials or construction details contained within the design package supersede those of this construction specification.

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 operator's/contractor's actions or neglect shall be repaired by the operator/contractor.

Earthfill, 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 as approved by the NRCS.

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 0.5 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 1-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 area(s) to be cleared and grubbed will be marked by stakes, flags, tree markings, or other suitable methods. Trees to be left standing and uninjured will be designated by special markings visibly placed on the trunk about 6 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 way of stakes, flags, painted markers, or other suitable methods.

4. CLEARING, GRUBBING, AND REMOVAL

All trees not marked for preservation and all snags, logs, brush, stumps, shrubs, rubbish, and similar materials shall be cleared from within the limits of the designated areas. Unless otherwise specified in the Items of Construction Detail, all stumps, roots, and root clusters that have a diameter of 1 inch or larger shall be grubbed out to a depth of at least 2 feet below subgrade for concrete structures and 1 foot below the ground surface at embankment sites and other designated areas.

All structures designated for removal shall be removed to the specified extent and depth as shown in the drawings or in the Items of Construction Detail.

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 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.

6. DISPOSAL

All materials cleared, grubbed, or structures removed from the designated areas shall be disposed of at locations shown on the drawings, directed offsite, or in a manner specified in the Items of Construction Detail. The operator/contractor is responsible for complying with all local rules and regulations and the payment of any and all fees that may result from disposal at locations away from the project site.

Any burning operations shall be subject to all public laws, codes, and restrictions governing such operations. The operator/contractor shall be responsible for any damage to life and/or property caused by fires resulting from the operation.

All noncombustible materials removed from the designated area shall be removed from the site or buried at approved locations as shown on the drawings or in the Items of Constructed Detail. 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. ITEMS CONSTRUCTION DETAIL

Items of work to be performed in accordance with this specification and construction details are:

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