

NATURAL RESOURCES CONSERVATION SERVICE

CONSTRUCTION SPECIFICATION

801 - SITE PREPARATION

1. SCOPE

This work shall consist of clearing, grubbing, topsoil stripping, obstruction removal, site dewatering, farmstead utility relocation and excavation of existing unsuitable material in the site work area to obtain a suitable foundation area for the works of improvement. This work also consists of the control of erosion and sediment.

Prior to commencing construction, public utilities shall be notified in accordance with N.Y.S. Industrial Code 753.

2. CLEARING AND GRUBBING

The limits of the areas to be cleared and grubbed will be marked by means of stakes, flags or other suitable methods.

All trees, snags, logs, brush, shrubs, and rubbish shall be cleared and grubbed from within the limits of the marked areas. Trees shall be felled in a manner as to avoid damage to trees to be preserved, structures, utilities, or installations and with due regard for the safety of persons and property.

All stumps, roots and root clusters having a diameter of 1 inch or larger shall be grubbed out to a depth of at least 6 inches, unless otherwise shown in the drawings.

All material cleared from the designated areas shall be disposed of in the locations and in the manner shown on the drawings, or as specified in Section 10.

3. OBSTRUCTION REMOVAL

The limits of the areas from which obstructions must be removed will be marked by means of stakes, flags or other suitable methods as described in Section 10. Structures requiring obstruction removal outside the limits of the area for obstruction removal will be marked by means of flags, painted marks or other suitable means as described in Section 10.

Items such as boulders, large rocks, old concrete and other debris such as scrap metal, fence wire, or other items as identified in Section 10 are considered obstructions that shall be removed from within the limits of the proposed site area.

When specified for re-use, boulders, large rocks, and old concrete which are durable will be salvaged and stockpiled for later use in the site foundation subgrade or as specified in Section 10. Boulders, large rocks and old concrete will be considered refuse material for disposal, if not specified for re-use in the site works of improvement.

Refuse material resulting from obstruction removal shall be removed from the project site and be disposed of at a legal disposal site, unless otherwise shown on the drawings or as specified in Section 10.

4. TOPSOIL STRIPPING

The foundation area shall be stripped of all grass, roots, vegetative materials, manure, objectionable soil, and other materials. Unless otherwise shown in the drawings, stripping shall extend to consolidated subsoil and shall be reasonably smooth and free of loose soil. Topsoil suitable for respreading shall be stockpiled and respread over disturbed areas.

5. SITE DEWATERING

The contractor shall take the means necessary to remove surface water and ground water from the construction site and foundations of the site work to allow proper execution of the construction work. This includes but is not limited to the installation and use of temporary diversions, drains, sumps and pumps as necessary to accomplish the removal of water.

6. FARMSTEAD UTILITIES

Those farm utilities (pipelines, power lines, etc. which are not public utilities) which are buried in the work area that require relocation by the contractor shall be shown on the drawings or specified in Section 10.

7. FOUNDATION PREPARATION

Unsuitable foundation material shall be excavated from the site work area to the depth and limits as shown on the drawings.

Any unsuitable excavated material or excavated material not used in the works of improvement shall be spread in designated disposal areas to the depth as shown on the drawings or as specified in Section 10. If spreading is not designated, the unsuitable or excess excavated material shall be stockpiled in the disposal area shown on the drawings or as specified in Section 10.

After the foundation preparation has been completed to the limits shown and prior to any placement of fill, the approving official or designated representative shall approve the foundation.

All structures shall be set on undisturbed soil or non-yielding re-compacted material. Over excavation must be corrected as noted on the plans or as directed by the approving official or designated representative.

8. EROSION AND SEDIMENT CONTROL

Install erosion and sediment control plan as shown on the drawings.

9. MEASUREMENT AND PAYMENT

Payment for site preparation will be made at the contract lump sum price. Such payment will constitute full compensation for all labor, materials, equipment, tools, and other appurtenances necessary and incidental to the completion of the work.

Compensation for any item of work described in the contract but not listed in the bid schedule will be included in the payment for the item of work to which it is made subsidiary. Such items and the items to which they are made subsidiary are identified in Section 10.

10. ITEMS OF WORK AND ADDITIONAL CONDITIONS: