

CONSTRUCTION SPECIFICATION

600. TERRACE

1. SCOPE

The work shall consist of furnishing materials and installing all components of the terrace, as outlined in this specification and the drawings.

2. MATERIALS

EARTHFILL used in constructing the terrace shall be obtained from the terrace excavation areas, or other sources approved by the designer.

PIPE, pipe sizes, fittings and other necessary pipe material shall be as specified on the drawings, or in Section 7 of this specification, when applicable.

OTHER required materials shall be as shown in the drawings, or in Section 7 of this specification.

3. SITE ACCESS AND CLEARING

All dead furrows, ditches, or gullies shall be filled before constructing the terrace or shall be part of the construction. All old terraces, fence rows, hedge rows, trees, and other obstructions shall be removed, as necessary, to install a farmable system. Tree and brush removal shall be done in such a manner to prevent damage to other trees and property, and to minimize erosion.

Unless otherwise specified in Section 7, all cleared materials, including trash, shall be burned or removed from the site. Burning shall comply with all state and local applicable regulations.

4. GRADING

The terraces shall be constructed according to planned alignment, grade, and cross section; including the specified overfill for settlement. The channel shall be graded to drain without ponding. Any ditch or depression at the bottom of the back slope shall be filled and smoothed so that drainage will be away from the terrace and not parallel to it.

Salvage topsoil from the footprint of the construction area of the terrace to spread over the excavated slopes and terrace ridges, unless the excavated slope or ridge surface is of similar texture as the available topsoil, or as otherwise noted in Section 7.

Surfaces which have been over-excavated shall be brought to the planned grade by replacement with soils similar to, and at a density equal to, that of the adjacent soils. Unless otherwise set forth in Section 7, fill that is required to be imported to the site shall be similar to, and placed at a density equal to that of the adjacent soils, except that areas to be vegetated shall receive topsoil approved by the Engineer. Excess soil material shall be disposed of as set forth in Section 7 or shown on the drawings.

The surface of the finished terrace shall be reasonably smooth and present a seedbed without clods or other anomalies.

5. STRUCTURAL INSTALLATION

Structures shall be installed as set forth in Section 7, as shown on the drawings, and in such a manner as to minimize erosion and sedimentation.

If terraces with closed or partly closed ends are specified, install the end closures before the terraces are completed.

Backfill shall be placed in successive layers of not more than six inches, and each lift compacted before the subsequent lift. Provisions; e.g. adequate compaction and cutoff collars, shall be made to prevent piping and settlement where underground conduits are located under terraces.

Pipes and fittings that are to have pressure flow shall be installed in accordance with Specification PA516, unless otherwise noted in Section 7.

6. VEGETATION

Vegetation, if required, shall be established at the locations shown on the drawings and/or staked in the field.

7. ADDITIONAL CONDITIONS WHICH APPLY TO THIS PROJECT ARE: