CONSTRUCTION SPECIFICATIONS

FOR

600 - TERRACES

Scope

This work shall consist of the excavation, shaping, and the filling necessary for the construction of the specified terraces on an acceptable spacing and grade. Construction operations shall be done in such a manner that erosion, water, air, and noise pollution will be minimized and held within limits as established by state regulations.

Obstruction Removal

All dead furrows, ditches, rills, or gullies to be crossed shall be filled before terrace construction or as a part of terrace construction. All old terraces, stumps, head rows, fence rows, or other obstructions that will interfere with the successful operation of the system shall be removed before terrace construction begins.

Alignment Grade and Spacing

The terraces shall be constructed to planned alignment, grade, and cross section, with the specified overfill for settlement and the channel graded to drain reasonably well.

Any ditch or depression at the bottom of the back slope should be filled and smoothed so that drainage will be away from the terrace and not parallel to it.

Provisions must be made where underground conduits are located under terrace ridges to prevent piping. Mechanical compaction, water packing, trench side wall sloping, and installation and backfill of conduit trenches far enough in advance to allow adequate settlement are methods that can be used. The materials used for the inlet and conduit will be suitable for the purpose intended (See CPS, Subsurface Drain, Code 606). Terrace ridges constructed across gullies or depressions shall be compacted by machinery travel or other means sufficient to insure proper functioning of the terrace. The surface of the finished terrace shall be reasonably smooth and accommodate ordinary farm equipment.

Where necessary, topsoil is to be stockpiled and spread over excavations and other areas to facilitate restoration of productivity.

Where vegetation is required, seedbed preparation, seeding, fertilizing, and mulching shall comply with the technical guide for critical area planting.