

NATURAL RESOURCES CONSERVATION SERVICE
CONSERVATION PRACTICE SPECIFICATION
WATER AND SEDIMENT CONTROL BASIN
(no.)
CODE 638

SCOPE

This specification covers the installation of water and sediment control basins. Construction shall be in accordance with the plans and these specifications.

INSTALLATION

Site preparation. All vegetation shall be removed from areas where fill will be placed.

Earthwork. Water and sediment control basins shall be constructed to the line, grade, and dimensions shown on the plans and/or staked in the field. The minimum cross section shall meet or exceed design dimensions.

The basin fills shall be increased a minimum of 10 percent for settlement.

Basin ridges shall be compacted by machinery travel or other means sufficient to insure proper functioning of the basin or to the same strength of the surrounding undisturbed earth material.

Earthfills shall meet the specifications listed in the Conservation Construction Specification - Earthfill, Code 105.

Where underground conduits are located under basin ridges, installation, backfill, and mechanical compaction or water packing of conduit trenches shall be made before the embankment is constructed.

If deep cuts expose unfavorable subsoil, the topsoil will be stockpiled and spread over excavations and other areas to facilitate revegetation of the disturbed areas.

Outlets. The outlet shall be by soil infiltration or installed in accordance with either the Hawaii Underground Outlet Specifications (Code 620) or the Hawaii Vertical Drain Specifications (Code 630) and specified in the plans.

Workmanship. All construction shall be performed in a workmanlike manner, and the job site shall have a neat appearance when finished.

All disturbed areas not graveled or paved will be vegetated to control erosion.

CONSTRUCTION OPERATIONS

Construction operations shall be carried out in such a manner and sequence that erosion and air and water pollution are minimized and held within legal limits.

The owner, operator, contractor or other persons will conduct all work and operations in accordance with proper safety codes for the type of construction being performed with due regards to the safety of all persons and property.

SAFETY

Landowners or operators, sponsoring organizations, and contractors shall be liable for damage to utilities and damage resulting from disruption of service caused by construction activities. The Natural Resources Conservation Service makes no representation on the existence or non-existence of any utilities. Absence of utilities on the drawings is not assurance that no utilities are present at the site.

It is the responsibility of the landowner or operator to determine if there are buried or overhead utilities in the vicinity of the proposed work. They should take proper procedures to insure that the utilities shall not be jeopardized and that equipment operators and others will not be injured during construction operations.