

**NATURAL RESOURCES CONSERVATION SERVICE
CONSERVATION PRACTICE SPECIFICATION**

POND

CODE 378

EXCAVATED POND SPECIFICATIONS

EXCAVATION

The completed excavation shall conform to the lines, grades and elevation shown on the drawings or as staked in the field.

Spoil shall be uniformly shaped, spread, or hauled away.

RUNOFF

Provisions shall be made for a pipe and emergency spillway if necessary. Runoff flow patterns shall be considered when locating the pit and placing the spoil.

SIDE SLOPES

Side slopes of excavated ponds shall be stable and shall not be steeper than 1 horizontal to 1 vertical. If livestock will water directly from the pond, a watering ramp of ample width shall be provided. The ramp shall extend to the anticipated low water elevation at a slope no steeper than 3 horizontal to 1 vertical.

PERIMETER FORM

If the structures are to be used for recreation or are highly visible to the public, the perimeter or edge should be curvilinear.

INLET PROTECTION

If surface water enters the pond in a natural or excavated channel, the side

slope of the pond shall be protected against erosion.

EXCAVATED MATERIAL

The material excavated from the pond shall be placed so that its weight will not endanger the stability of the pond side slopes and so that it will not be washed back into the pond by rainfall. It shall be disposed of in one of the following ways:

1. Uniformly spread to a height that does not exceed 3 ft, with the top graded to a continuous slope away from the pond
2. Uniformly placed or shaped reasonably well, with side slopes assuming a natural angle of repose. The excavated material will be placed at distance equal to the depth of the pond but not less than 12 ft from the edge of the pond.
3. Shaped to a designed form that blends visually with the landscape.
4. Used for low embankment and leveling.
5. Hauled away.