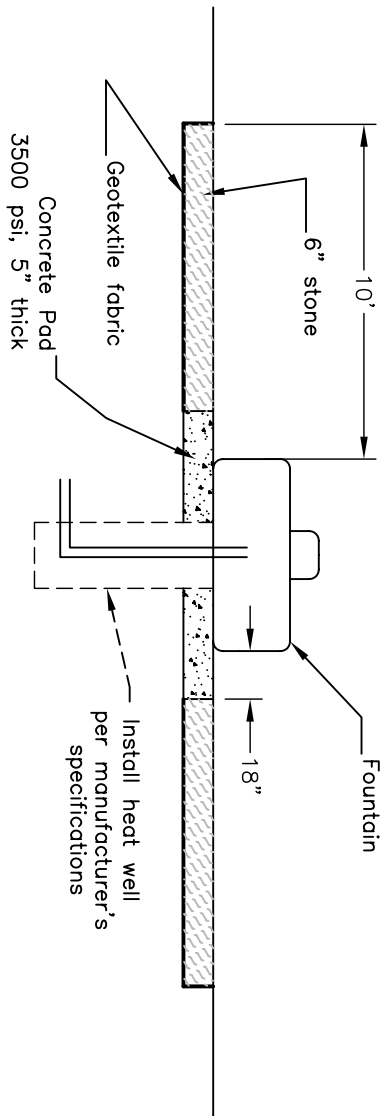


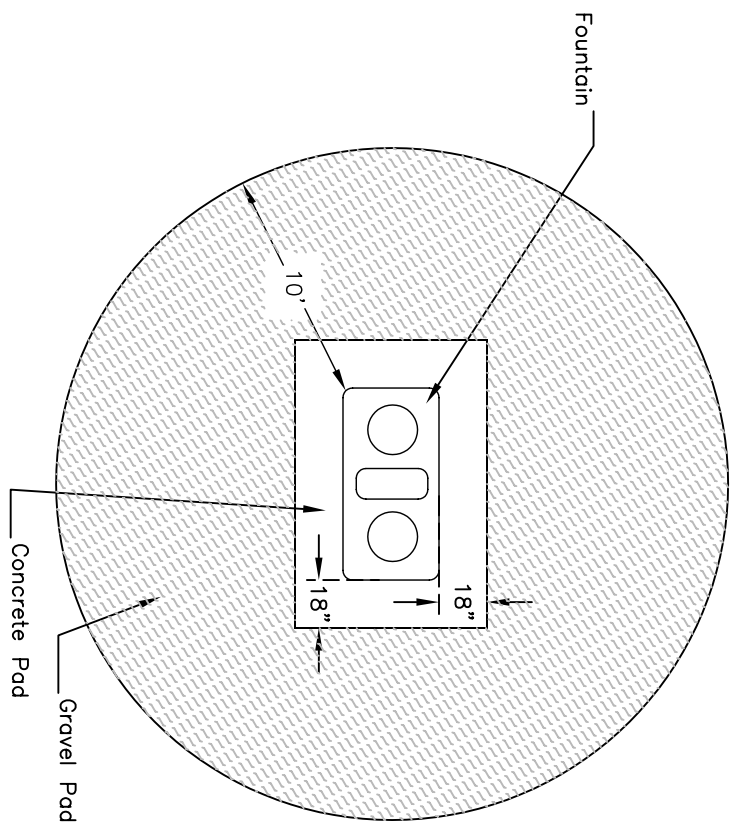
Frost-free Fountain Installation—Side View



Construction Notes

- 1.The watering facility shall be installed according to Virginia Watering Facility Standard (614).
 - 2.The concrete pad for the fountain shall extend a minimum of 18" past the edges of the fountain. The pad dimensions recommended by the manufacturer will be used if the dimensions are larger. Concrete shall be 3500 psi installed a minimum of 5" thick. 6"x6" 6/6 gage welded wire mesh reinforcing will be used in the 5" slab. Position the hole for the heat well and pipes per manufacturer's recommendations.
 - 3.The fountain must be attached to the concrete pad per manufacturer's recommendations.
 - 4.A valve shall be installed in the line to regulate flow to the fountain. The valve should be installed in housing that is weatherproof, well drained, and easily accessible. It must also be protected from livestock. High quality ball valves are recommended. Valves installed in the field may be housed in water-meter boxes, concrete casing, or other suitable housing.
 - 5.All backfill for pipelines under the fountain shall be compacted to the degree required to prevent caving after construction.
 - 6.The foundation under and around the fountain location shall be cleared of all material not suited for the subgrade, including sod. All loose surface soil shall be removed to undisturbed material.
 - 7.The fountain site shall be free draining.
 - 8.A protective surface shall be placed around the fountain according to Virginia Heavy Use Area Protection Standard (561). At the minimum, install geotextile fabric around the pad and place VDOT #357 stone six inches deep in a ten foot radius around the fountain. A two inch cap of VDOT #57 or #21A can be placed on the #357. Other types of stone may be installed with approval of the designer.
 - 9.Geotextile shall meet the minimum requirements in Virginia Construction Specification VA-795 Geotextiles, page VA-795-4.
 - 10.Seed all disturbed areas at the rates given in Virginia Construction Specification VA-706. Seeding: page VA-706-3
- * If seeding is done outside recommended seeding dates, a nurse crop is to be used.

Frost-free Fountain Installation—Top View

[illegible]

	Date
Designed _____	_____
Drawn _____	_____
Checked _____	_____
Approved _____	_____

Project Name _____

Landowner _____ Tract# _____

County _____, Virginia



Natural Resources Conservation Service
United States Department of Agriculture

File Name
Drawing Name
Sheet of