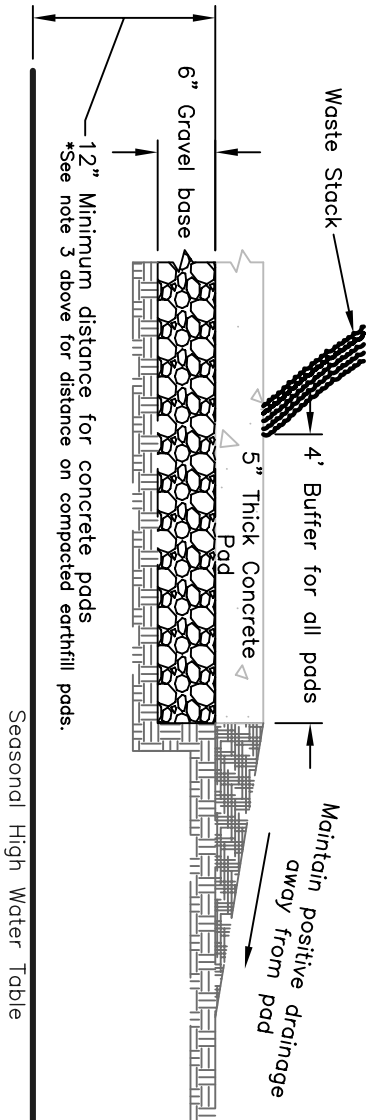
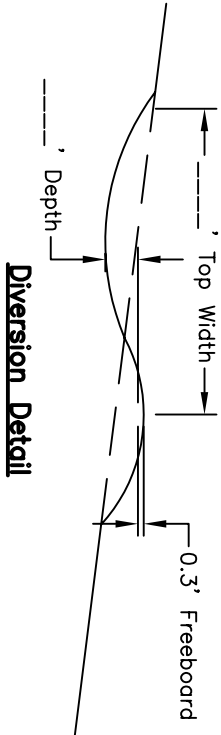


Construction Notes

- The waste storage pad surface shall be constructed of one of the following: (circle one below)
1' of compacted earthfill, clayey or silty material.
1' of compacted earthfill over an impermeable plastic liner.
5" of concrete over a 6" gravel bed.
- The pad shall be located 1' above the 25yr, 24hr floodplain. The waste storage pad shall be also located 100' from any water bodies or wells.
- The pad site must be free draining. Surface water shall be diverted away from the pad site. The distance from the bottom of the stored waste to the seasonal high water table shall not be less than 2' when a compacted earth pad is used and no less than 1' foot from the bottom of the concrete, when a concrete pad is used.
- The landowner shall submit in writing an anchoring plan for the waterproof cover. The plan is to be attached to this design.
- Areas disturbed during construction, including disposal areas, shall be seeded in accordance with Construction Specification VA-706 Seeding.
- Concrete shall be installed in accordance with Construction Specification VA-731 Plain (Unreinforced) Concrete Construction.
- Compacted earthfill shall be placed in accordance to Construction Specification VA-723 Earthfill.



Concrete Pad Detail



Diversion Detail

Waste Pad Sizing Computations*

Estimated volume of waste to store = _____CF
Planned width of waste stock = _____Ft
Planned height of waste stock = _____Ft
Volume _____ + Height = Planned length of ((Width - Height) X Height)
Stock Width _____+8 Ft = _____Ft Pad Width
Stock Length _____+8 Ft = _____Ft Pad Length

* This formula assumes that the waste stock will have 1:1 side slopes.

Use this area to sketch the pad location, dimensions, locations and distances to structures in relation to the pad. These should include: wells, houses, farm buildings, streams, roads, etc.



Plan View

Use this area to draw a cross-section of the pad. Include surface type (compacted earthfill, impermeable plastic barrier or concrete) and seasonal high water table. Show the location of the cross-section on the sketch above.

Typical Section



Waste Field Storage Pad

Project Name _____ Tract# _____

Landowner _____, Virginia

County _____

Designed _____

Drawn _____

Checked _____

Approved _____

File Name: VA-SO-201-WastePad.dwg

Drawing Name: VA-SO-201-Waste Pad

Sheet _____ of _____