

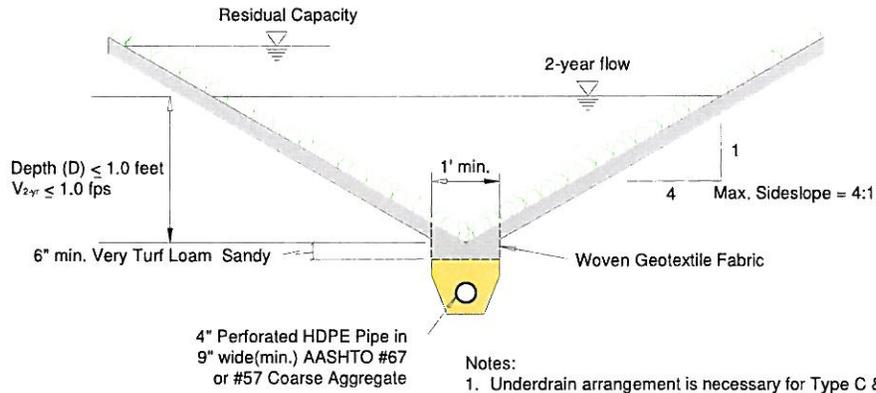
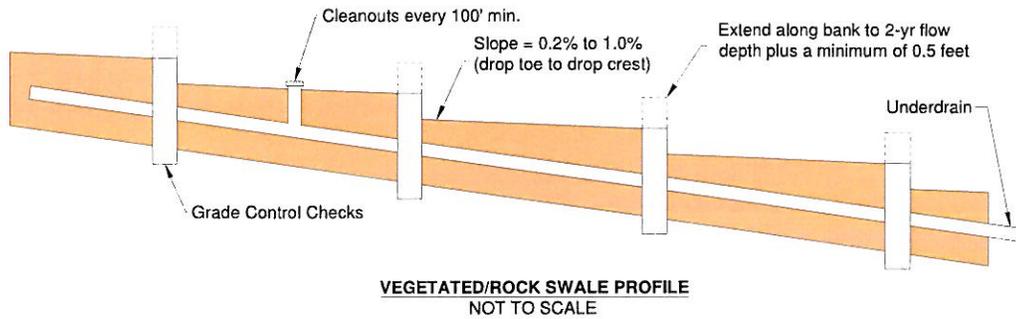
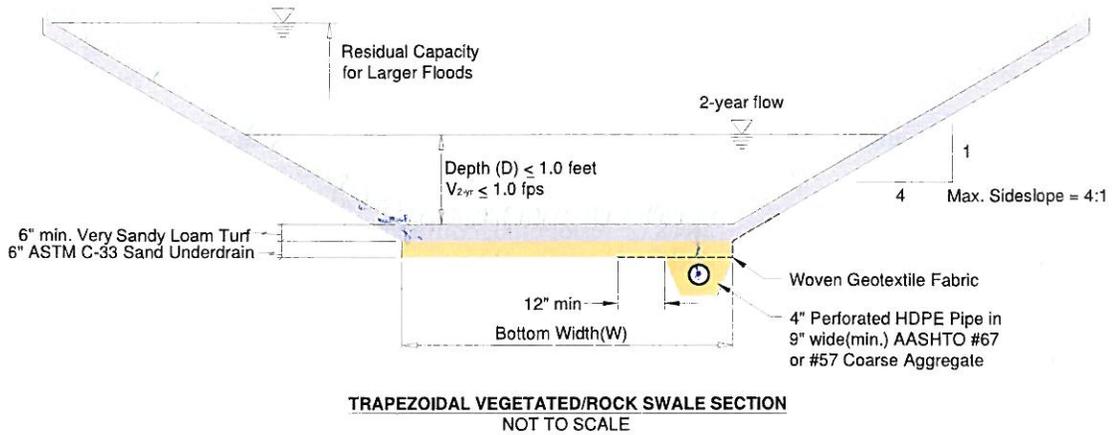
3-foot wide 2-inch deep V-pan
Imbed a 6-inch layer of 3-inch river rock into the soil for one foot on each side of the pan if a 2 foot curb opening is used.

SECTION A-A

Notes:

- (1) This detail is provided to illustrate one acceptable way to introduce runoff into the BR and provide an overflow, and is not intended to constrain the designer to this configuration.
- (2) When the underlying soils are expansive, when existing or proposed building is within 10 feet, and/or when land uses pose a risk for groundwater contamination, use impermeable liner under and on sides of the Bio-retention basin.
- (3) Provide a minimum of a 1- to 2-foot wide curb opening every 10 feet (20 feet for 2-wide opening) of curb.

Figure 3.12 - Bio-Retention – Typical Sections



- Notes:
1. Underdrain arrangement is necessary for Type C & D Soils. May not be needed for Type A & B Soils, depending on infiltration rates.
 2. Cleanouts shall be provided every 100' on all underdrain systems.
 3. Use long radius, or sweep, fittings for underdrain systems to facilitate maintenance.

Figure 3.2 - Vegetated/rock swale – Profile and Sections
(Based on drawing from UDFCD)