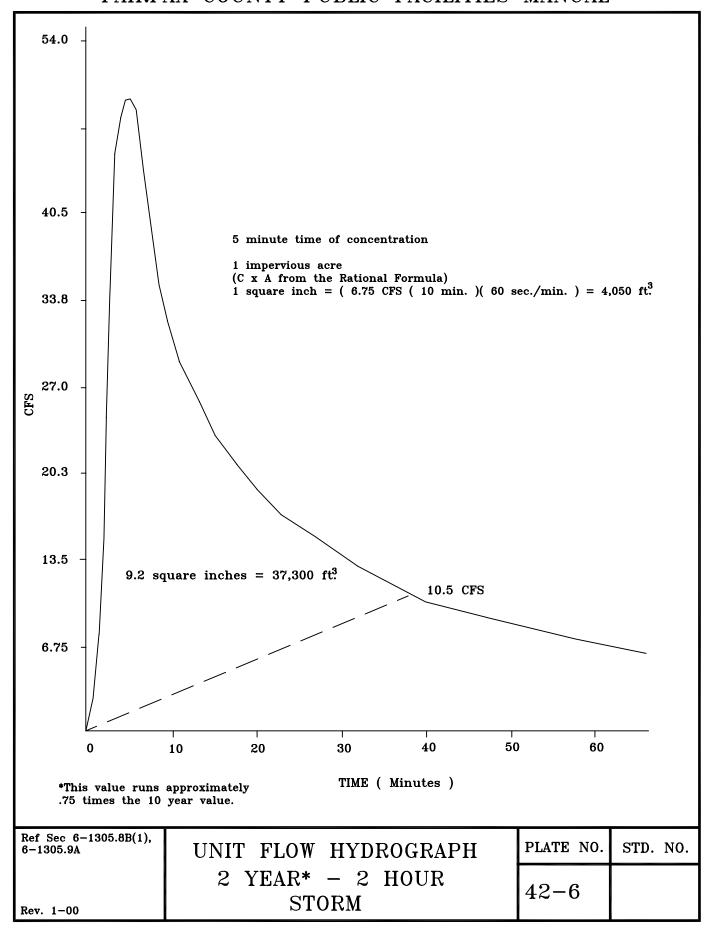
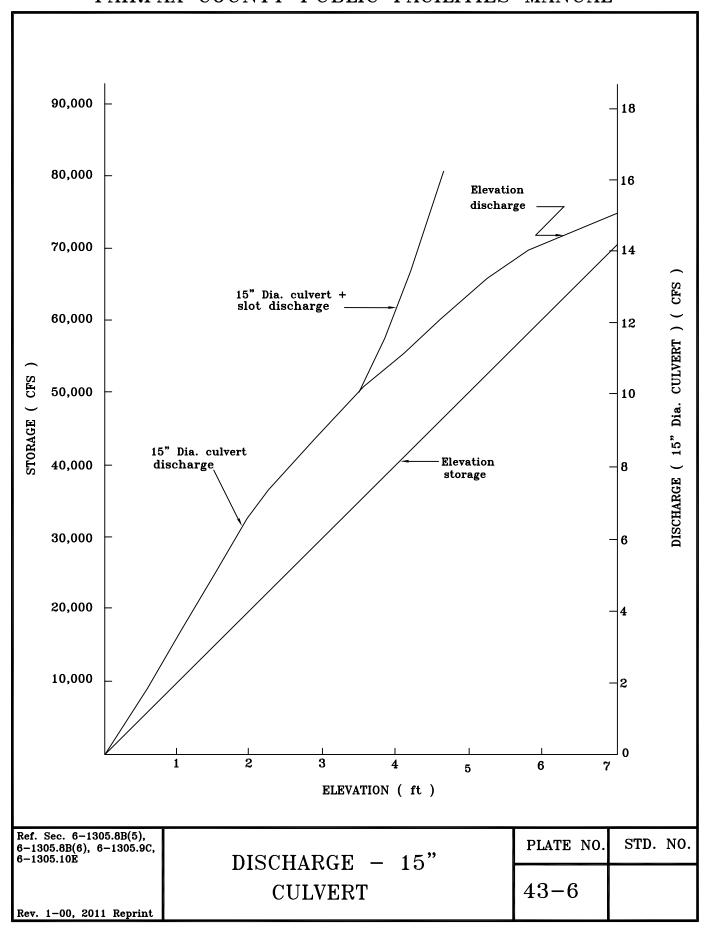


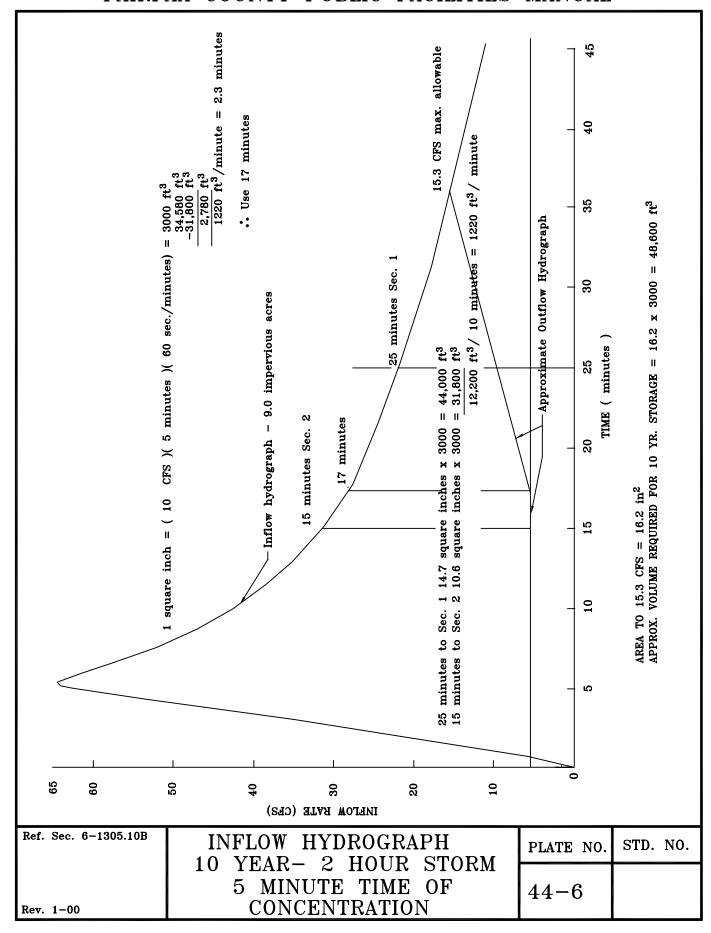
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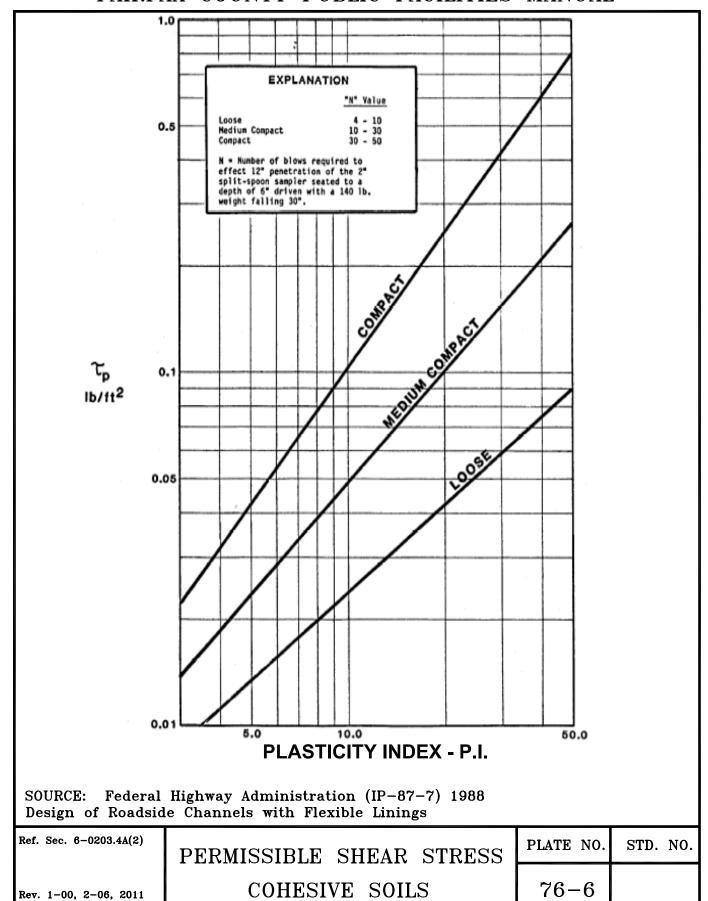
- Use non-woven geotextile fabric with AOS of 70-100 US Sieve or 0.2 mm 0.15 mm as determined by ASTM D4751 and a trapezoidal tear strength of 45 LB. or 0.2 kN as determined by ASTM D4533.
- 2. An 8-in. deep bottom sand layer (VDOT Fine Aggregate, Grading A or B) is required.
- 3. For an aggregate surface trench, filter fabric shall surround all of the aggregate fill material except the top one foot. A separate piece of fabric shall be used for the top layer to act as a failure plane. This top piece can then be removed and replaced upon clogging.
- 4. Geotextile fabric shall not be exposed to direct sunlight for more than 24 hours prior to installation.

Ref. Sec. 6-1303.7B, 6-1303			PLATE NO.	STD. NO.
Rev. 1-00, 6-04, 10-06, 2011 Reprint	PERCOLATION	TRENCH	41A-6	

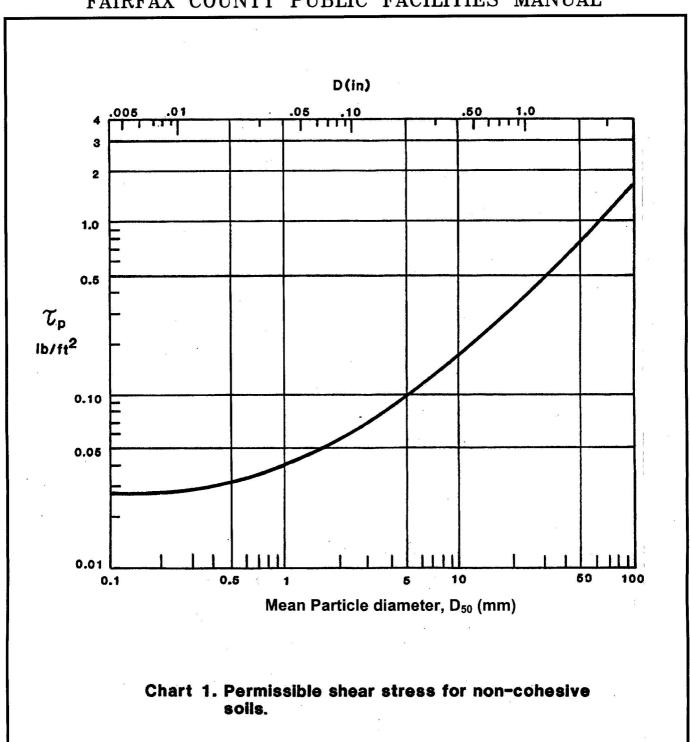






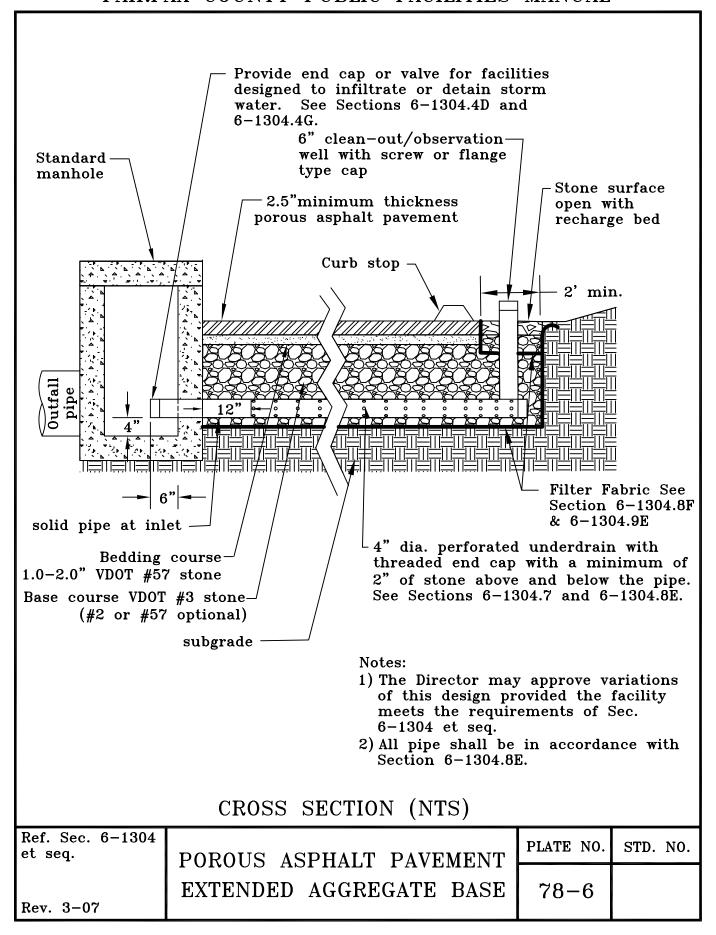


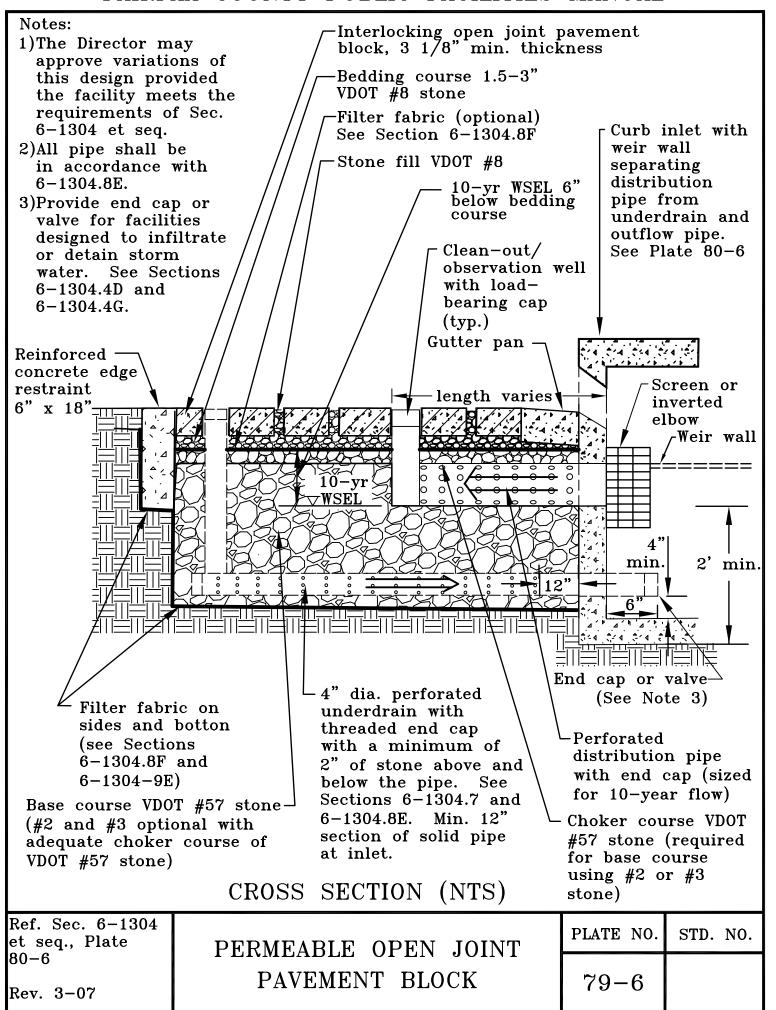
Reprint

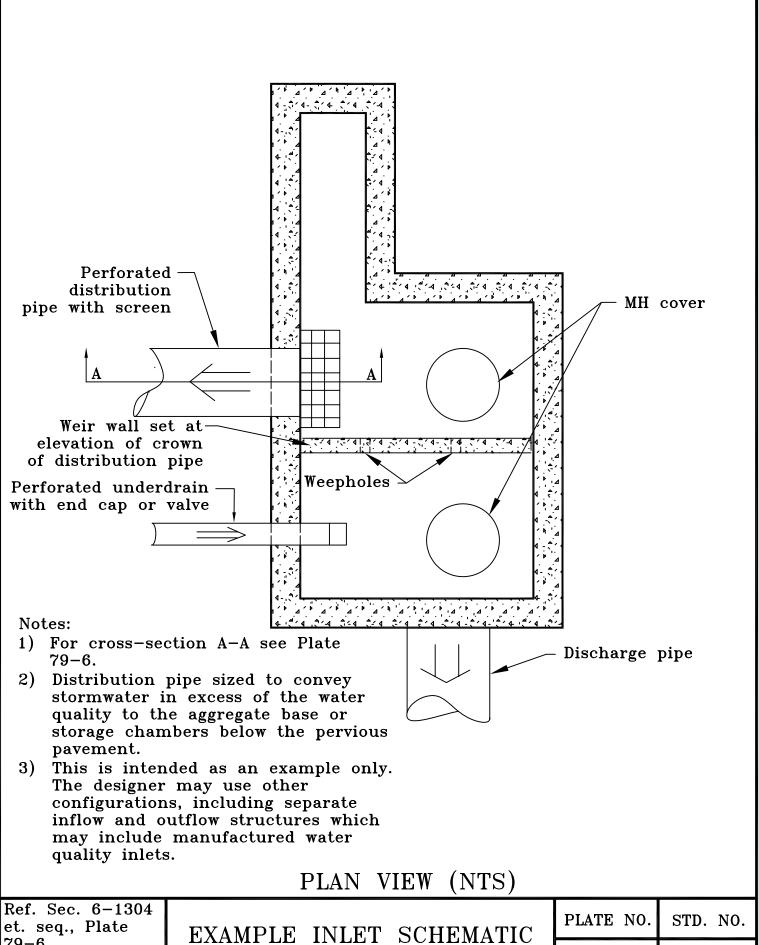


SOURCE: Federal Highway Administration (IP-87-7) 1988 Design of Roadside Channels with Flexible Linings

Ref. Sec. 6-0203.5A(2)	PERMISSIBLE SHEAR STRESS	PLATE NO.	STD. NO.
Rev. 2-06	NON-COHESIVE SOILS	77-6	



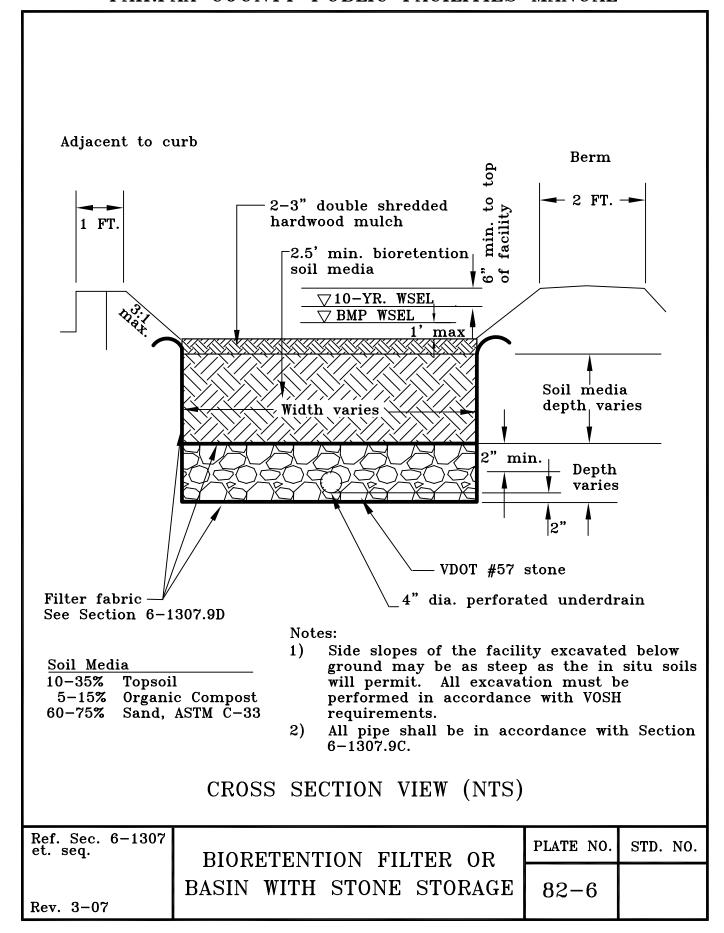


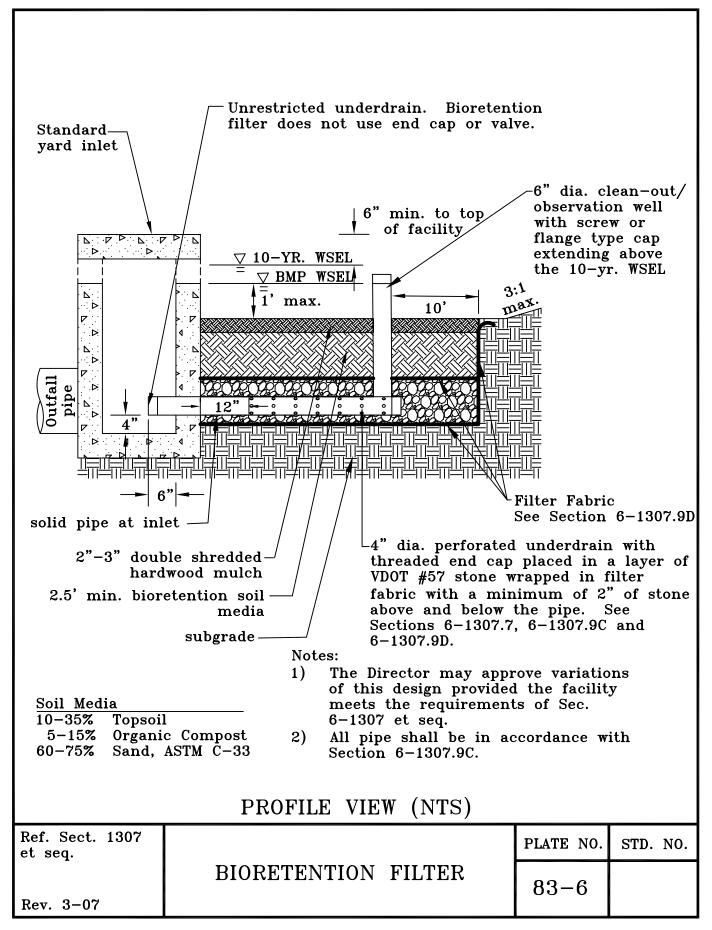


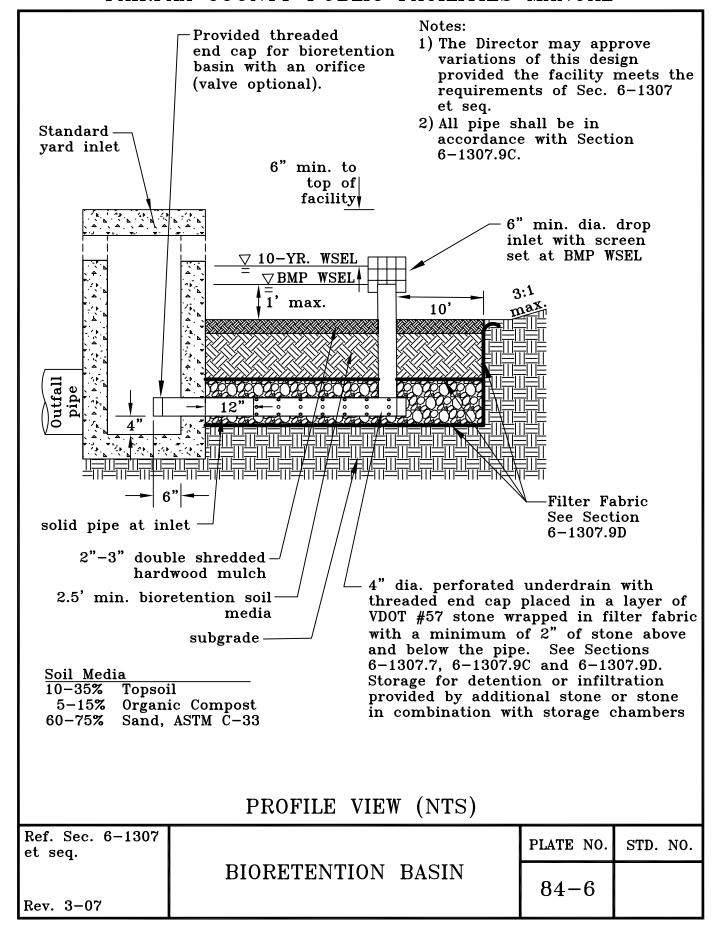
et. sec. 6-1304 et. seq., Plate 79-6 Rev. 3-07, 2011 Reprint

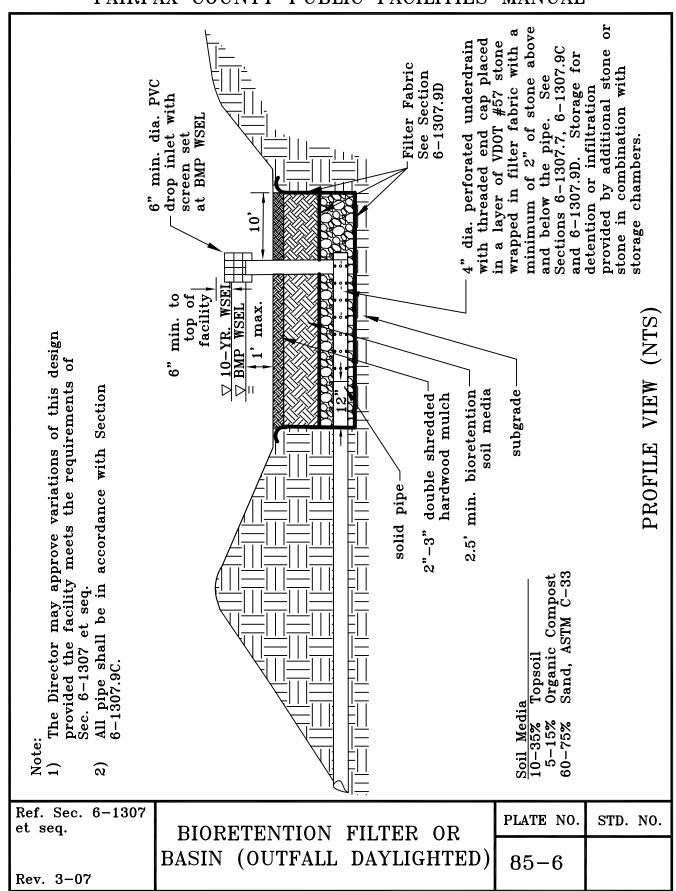
EXAMPLE INLET SCHEMATIC FOR PERVIOUS PAVEMENT

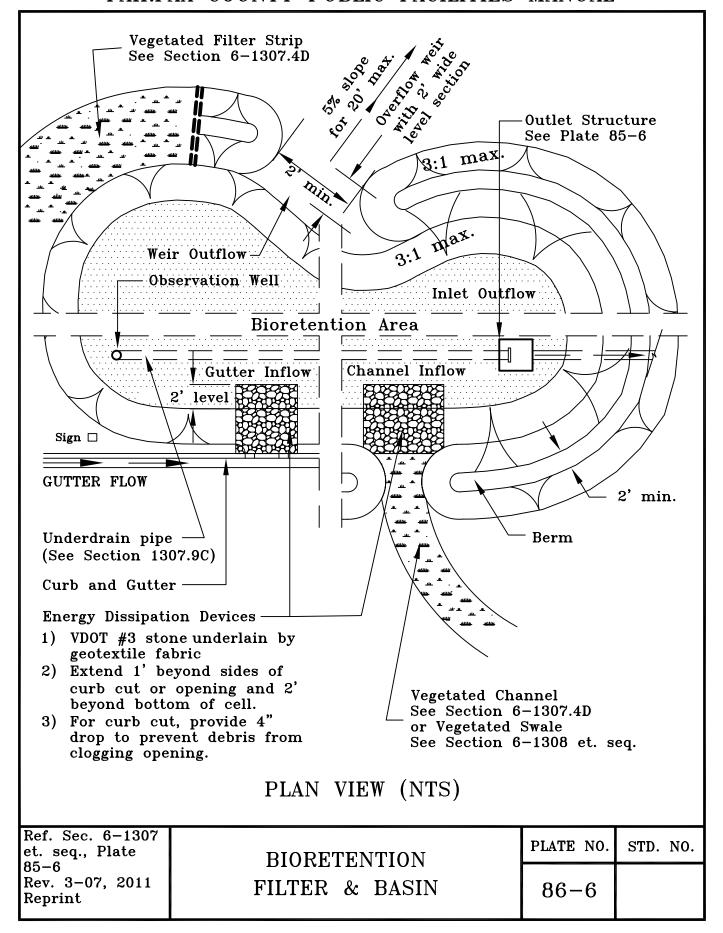
PLATE NO. STD. NO. 80-6

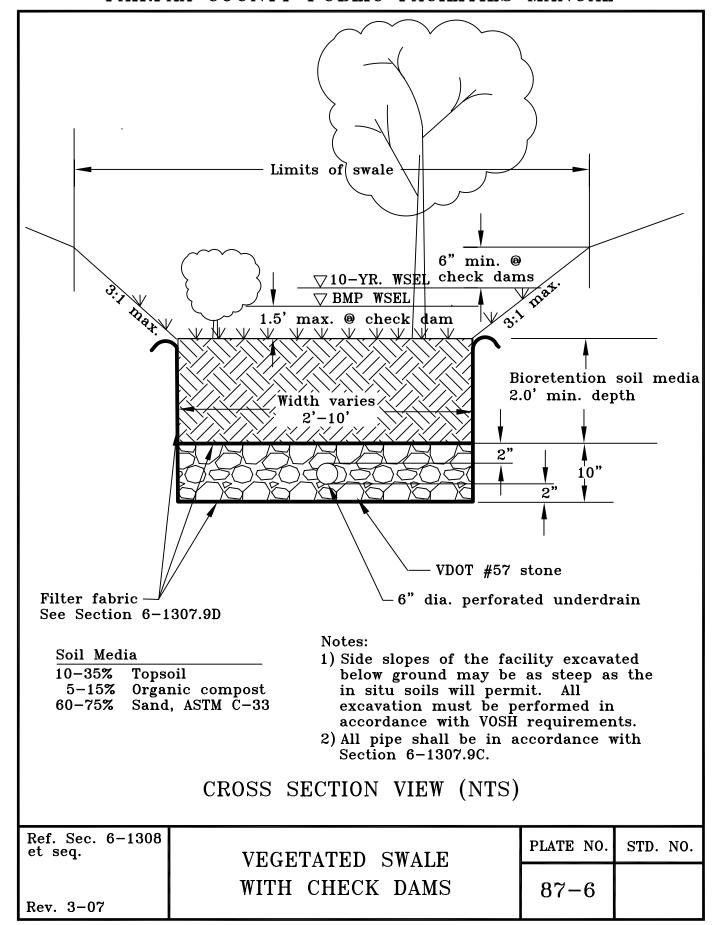


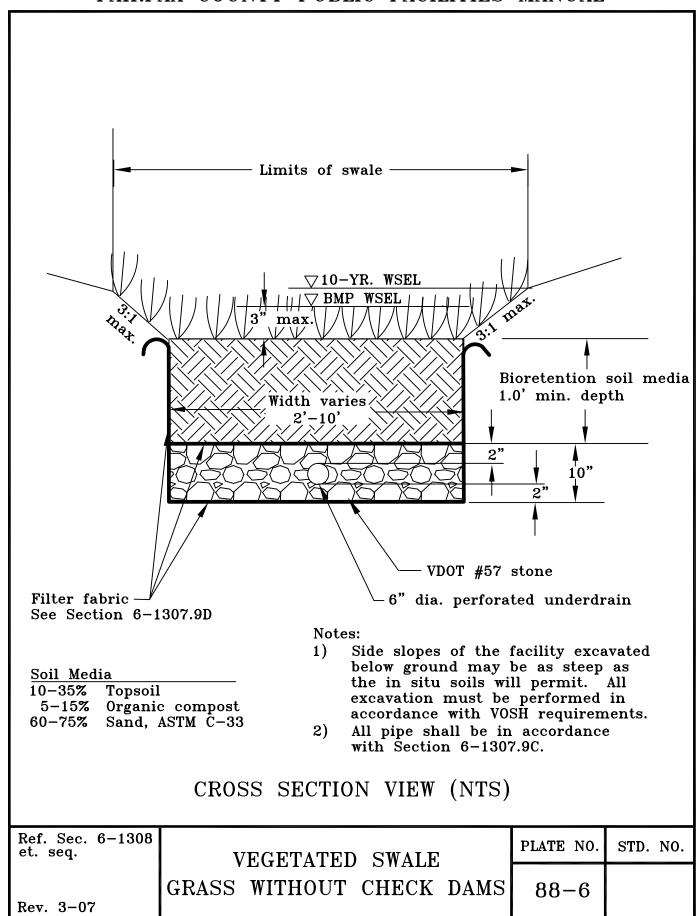


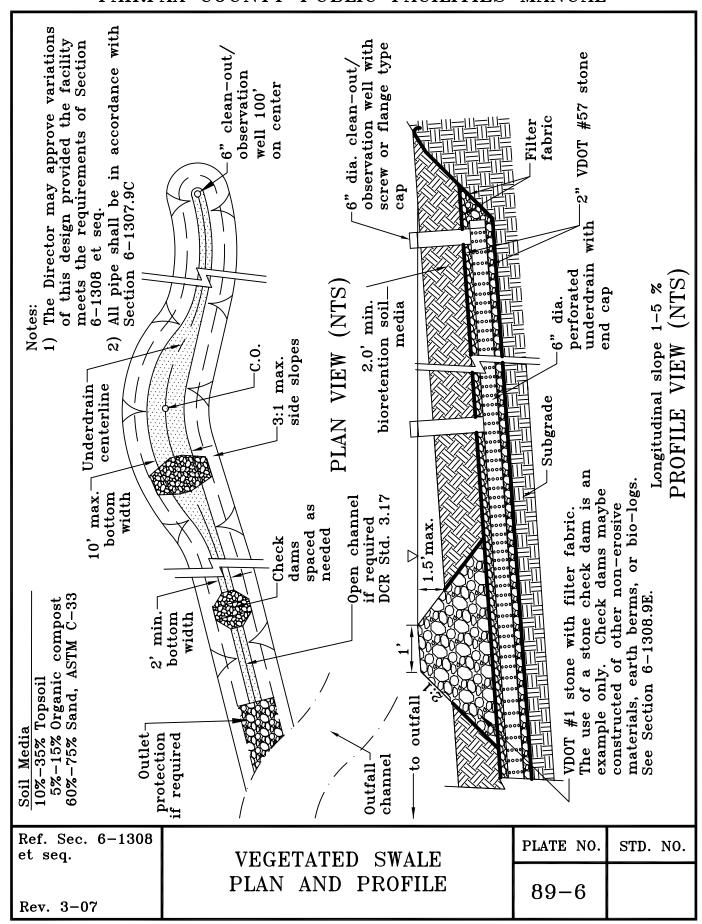


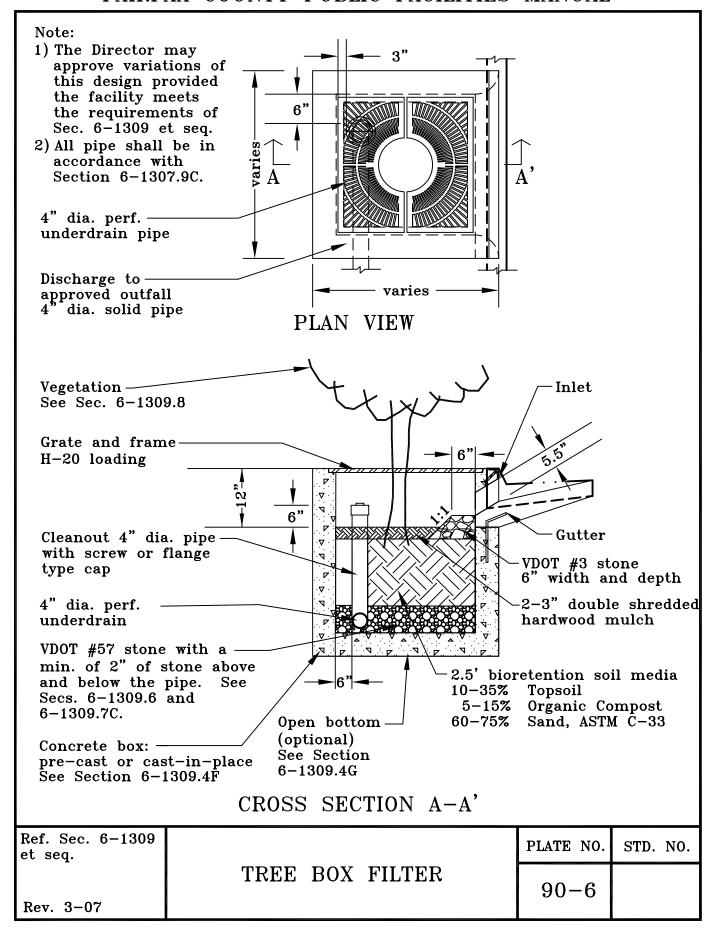












Note: The Director may approve variations of this design provided the facility meets the requirements of Sec. 6-1310 et seq.								
Low P	Low Plants: sedums/herbs (typ.)							
Erosion control (wind ————————————————————————————————————								
3" to 6" growth medium (typ.)								
Filter Fabric (typ.)								
lightw	ge Layer: 2"—— eight granular m nal: mat or plate							
Filter	Fabric (optional)							
Aluminum Curb (typ.)————————————————————————————————————								
		ip da ba ba a aba da baba a da da bal	a ada da da da ada	DA A:				
gr	Vegetation-free strip gravel, pavers (typ.)							
varies de pt								
	Thermal insulation (optional)							
\ \			tion System	(optional)				
\ \	Protection Layer (typ.)							
	Root Barrier (typ.) Waterproof Membrane (typ.)							
Roof Deck with Vapor Barrier								
and Roof Structure								
Perforated aluminum curb (typ.) w/ drainage fabric Roof drain with parapet well								
Emergency overflow								
CROSS SECTION VIEW (NTS)								
Ref. Sec. 6-1310 et seq.	VEGE	VEGETATED ROOF		STD. NO.				
Rev. 3-07	EXTENSIVE		91-6					
TAGA. 0_01								

