

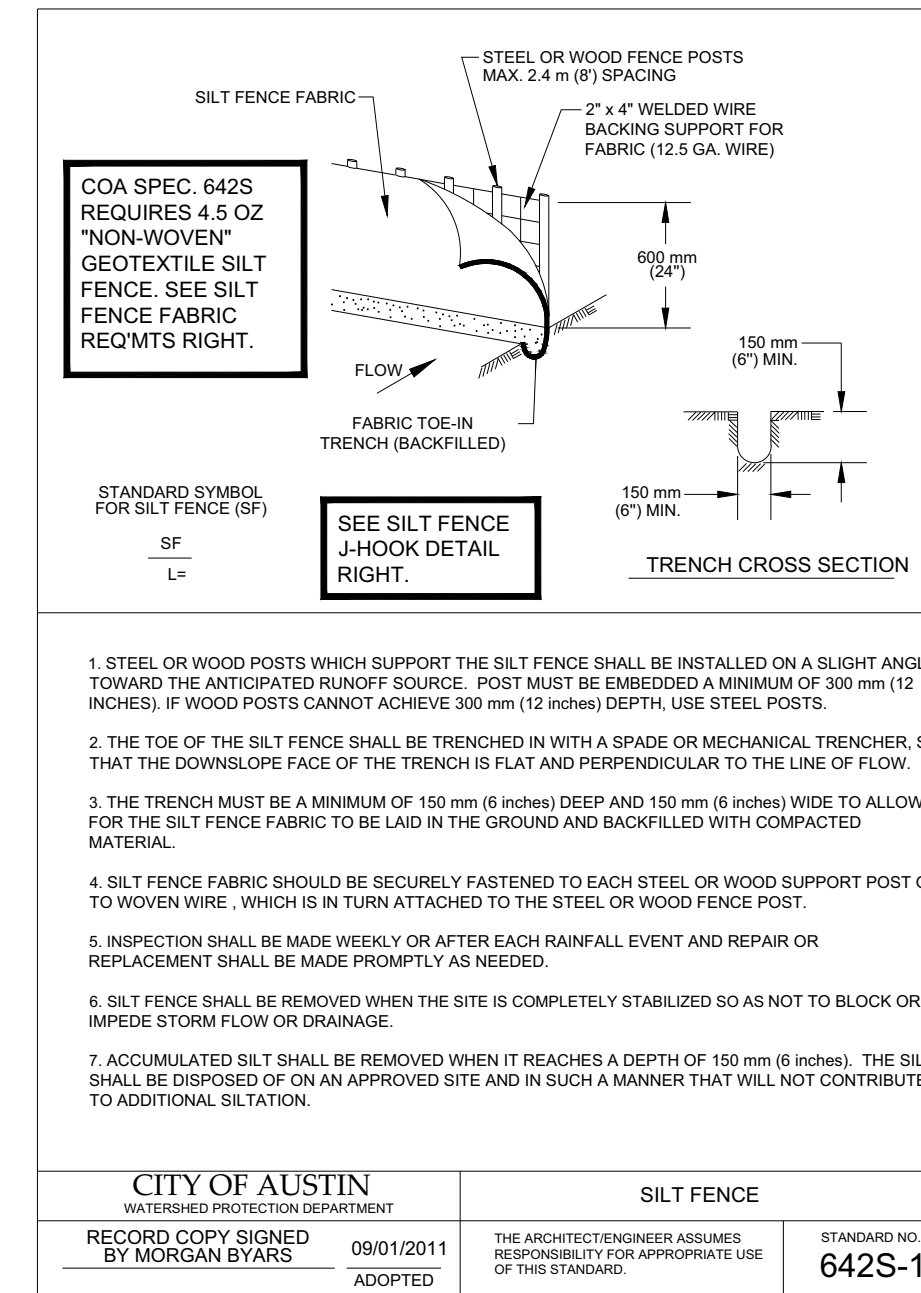
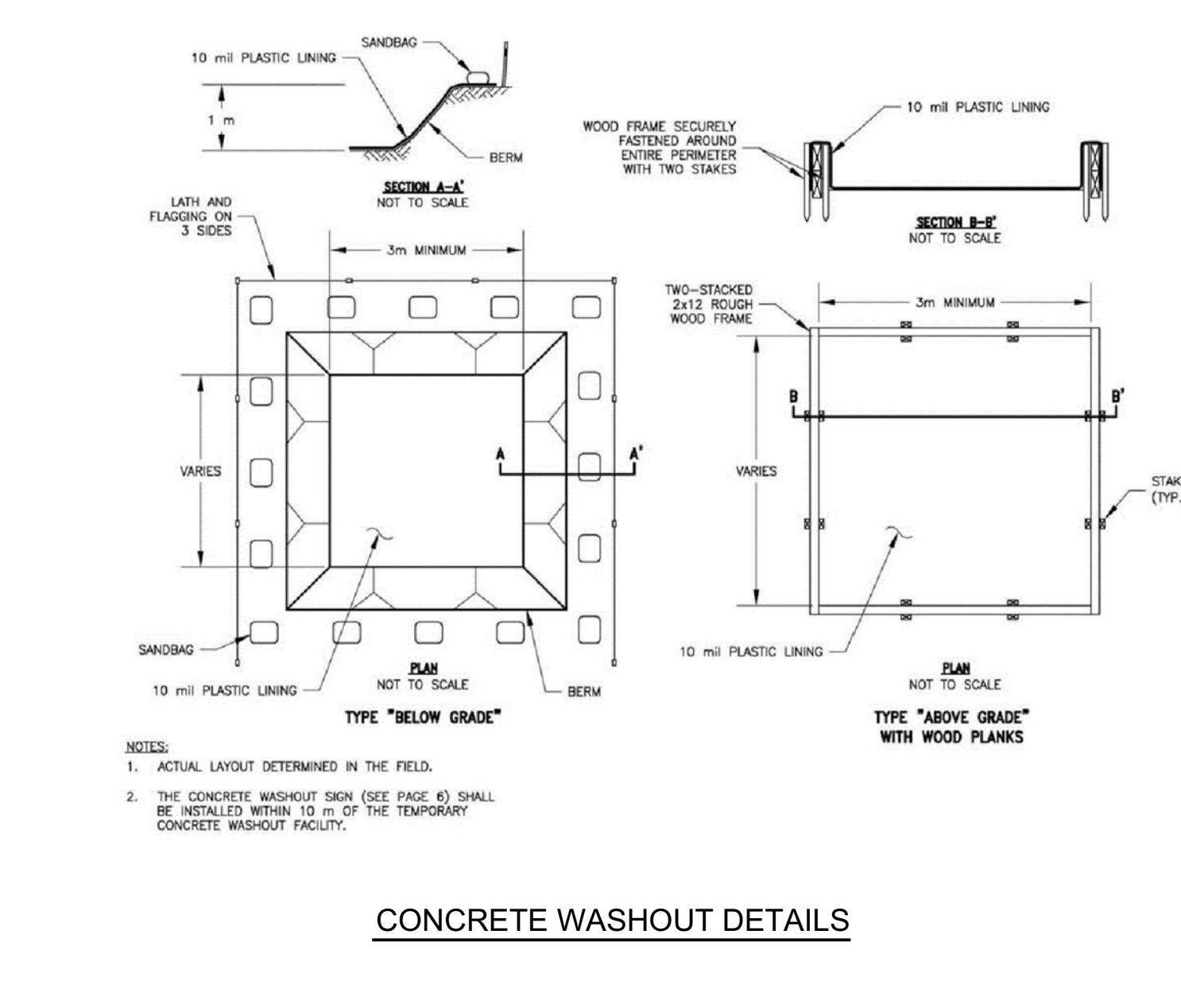
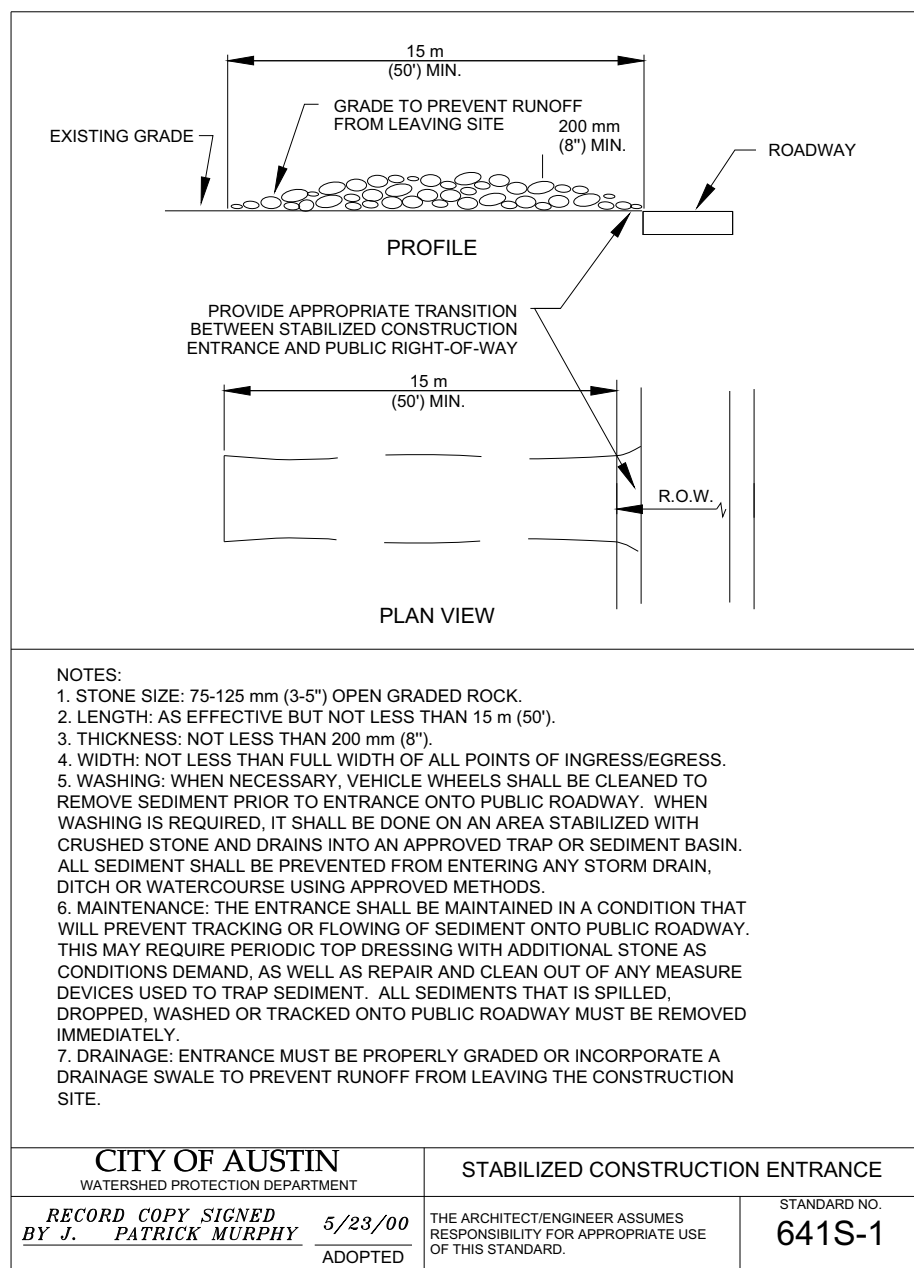
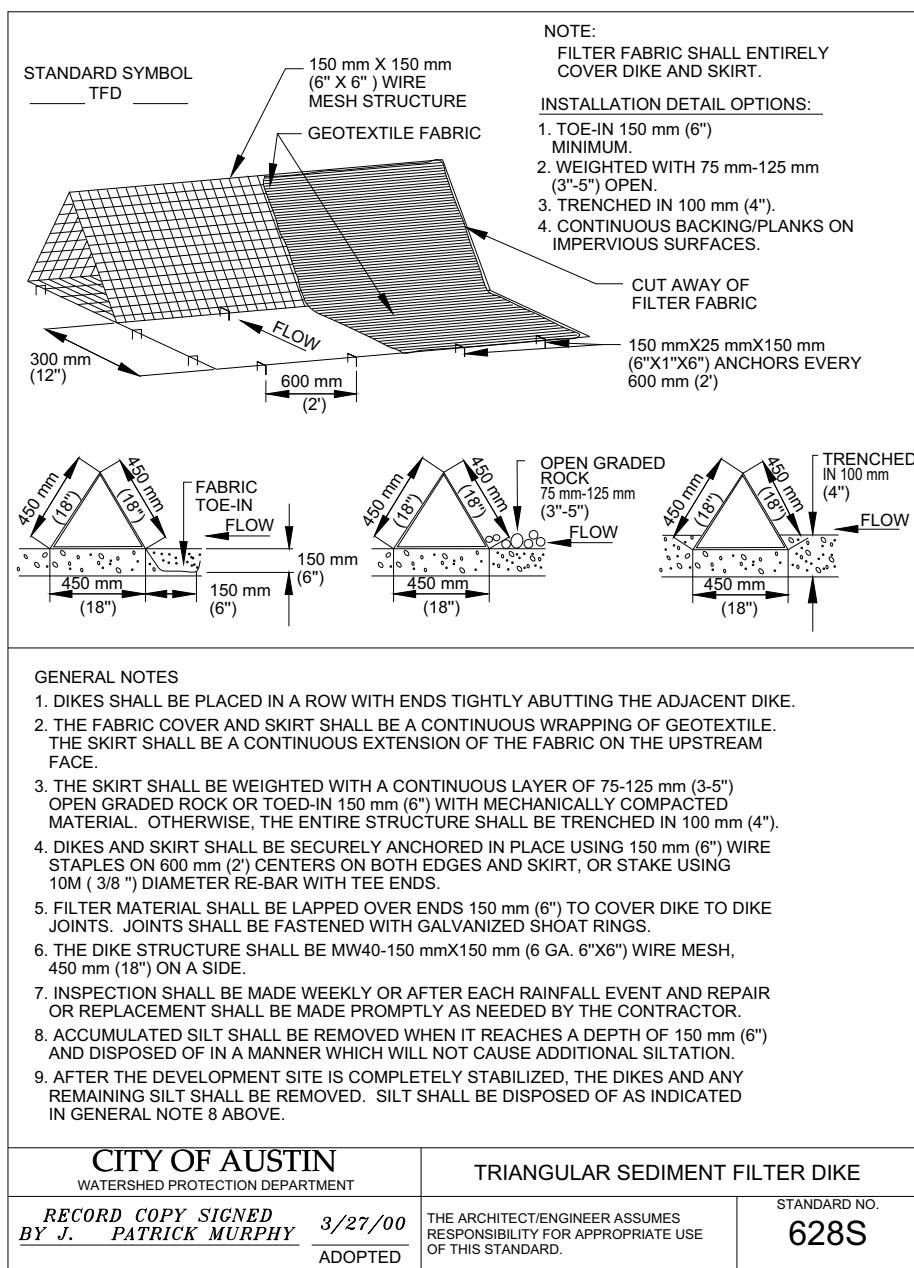
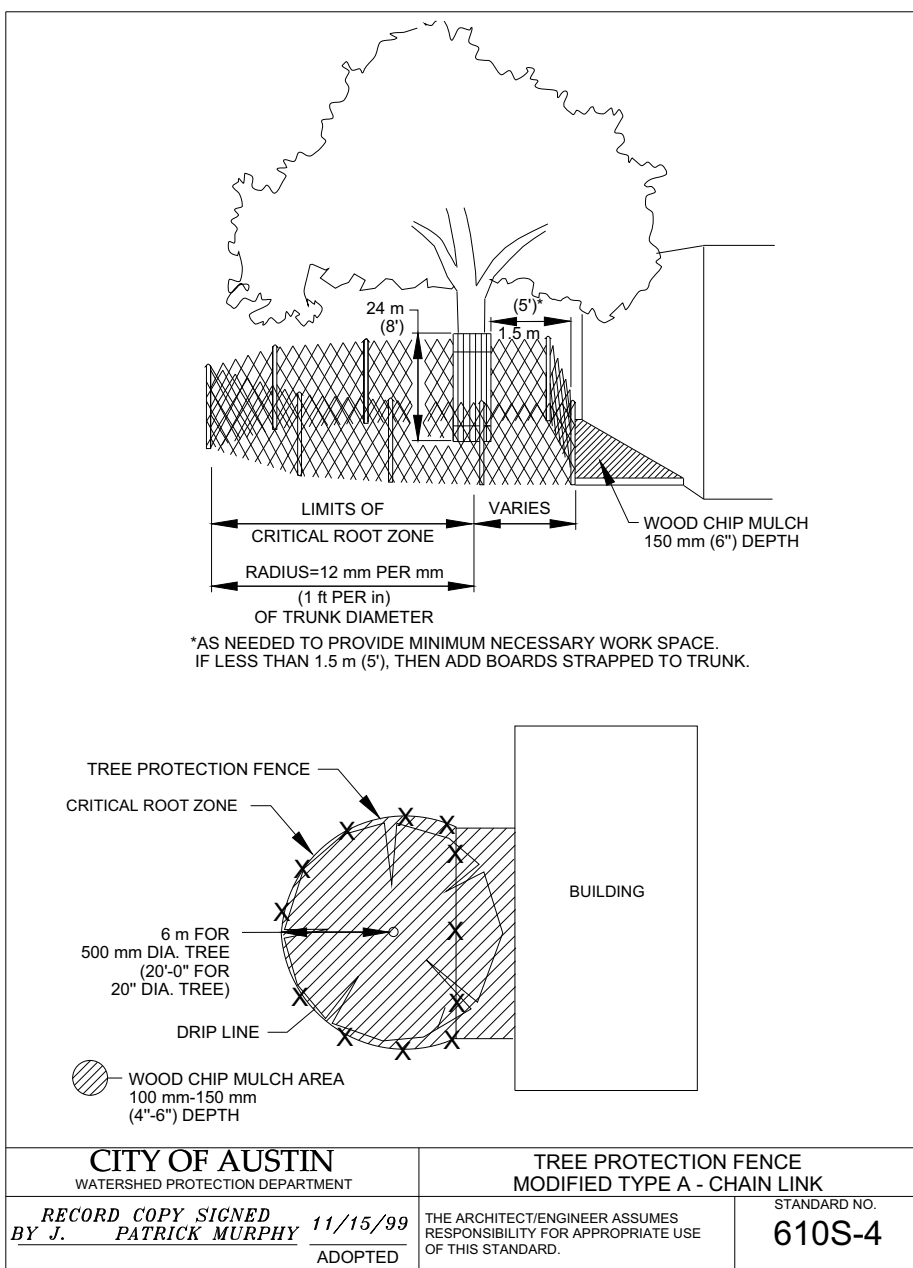
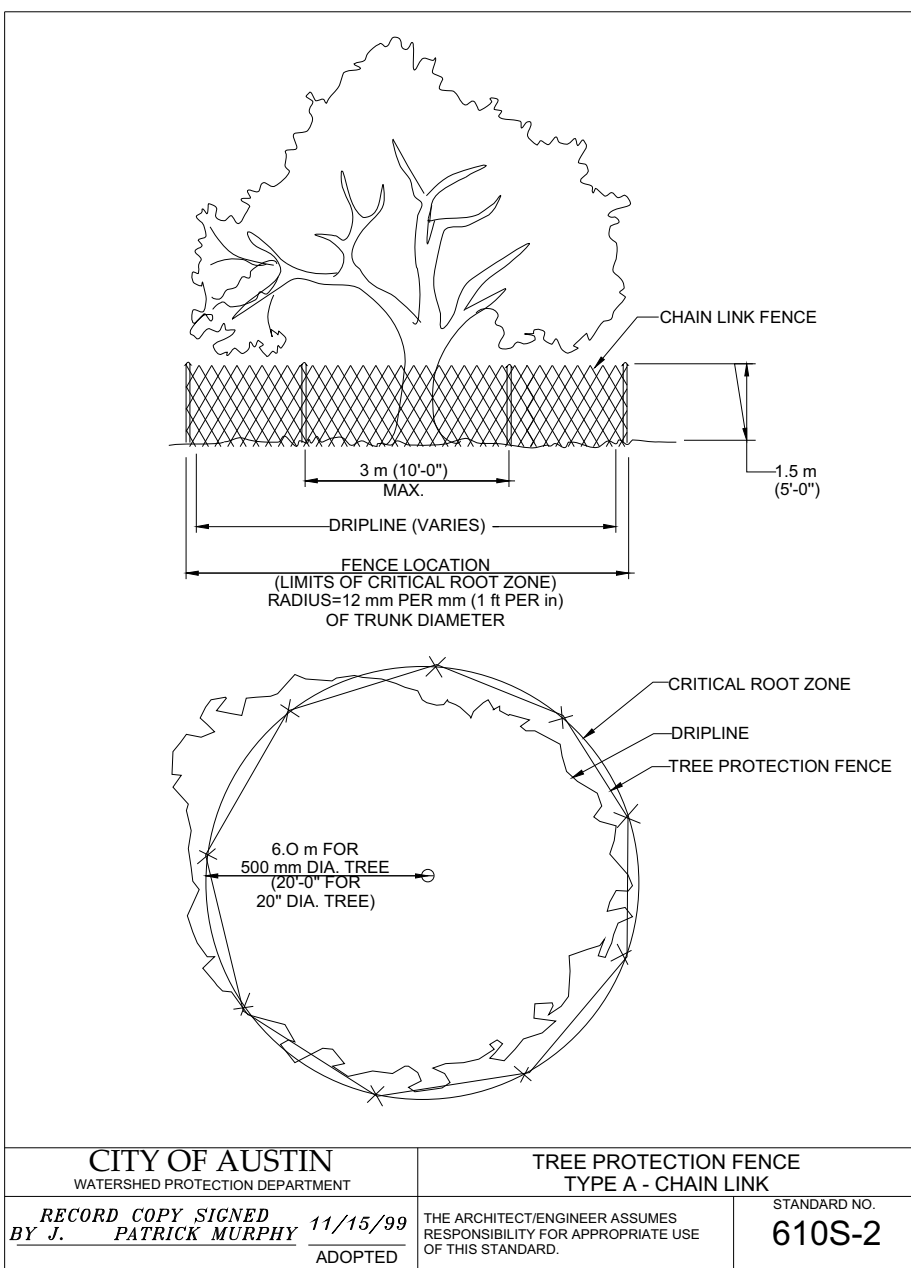
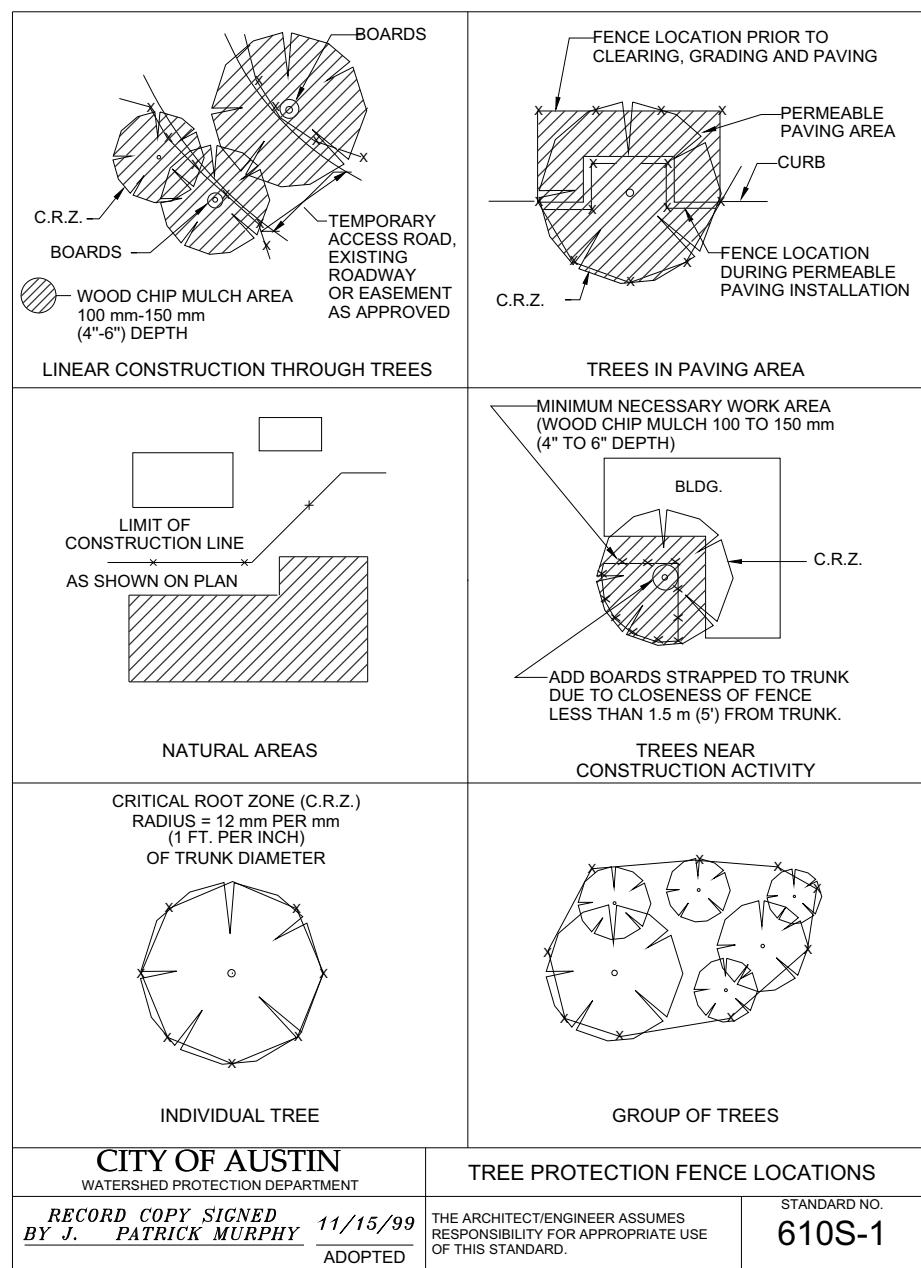


Table 1.4.5.G.1: Maximum spacing between silt fences on slopes

Slope	Spacing Interval (ft)	Max. Drainage Area (sf)
100:1 to 50:1 (1-2%)	500	25,000
50:1 to 30:1 (2-3.3%)	250	15,000
30:1 to 25:1 (3.3-4%)	150	12,000
25:1 to 20:1 (4-5%)	120	10,000
20:1 to 10:1 (5-10%)	100	5,000
10:1 to 5:1 (10-20%)	50	2,500
5:1 to 2:1 (20-50%)	10	1,000

SILT FENCE SPACING TABLE

TABLE 1. Silt Fence Fabric Requirements		
Physical Properties	Method	Requirements
Fabric Weight in ounces per square yard (grams/square meter)	TEX-616-J ¹	5.0 minimum (150 minimum)
Equivalent Sieve Opening Size: US Standard (SI Standard sieve size)	CW-02215 ²	40 to 100 (425 to 150 µm)
Mullen Burst Strength: lbs. per sq. inch (psi) (megapascal (MPa))	ASTM D-3786 ³	280 minimum (1.9 minimum)
Ultraviolet Resistance: % Strength Retention	ASTM D-1682 ⁴	70 minimum

¹ TxDoT Test Method Tex-616-J, "Testing of Construction Fabrics"
² US Army Corps of Engineers Civil Works Construction Guide Specification CW-02215, "Plastic Filter Fabric".
³ ASTM D-3786, "Test Method for Hydraulic Bursting Strength of Knitting Goods and Nonwoven Fabrics: Diaphragm Bursting Strength Tester Method".
⁴ ASTM D-1682, "Test Methods for Breaking Load and Elongation of Textile Fabrics".

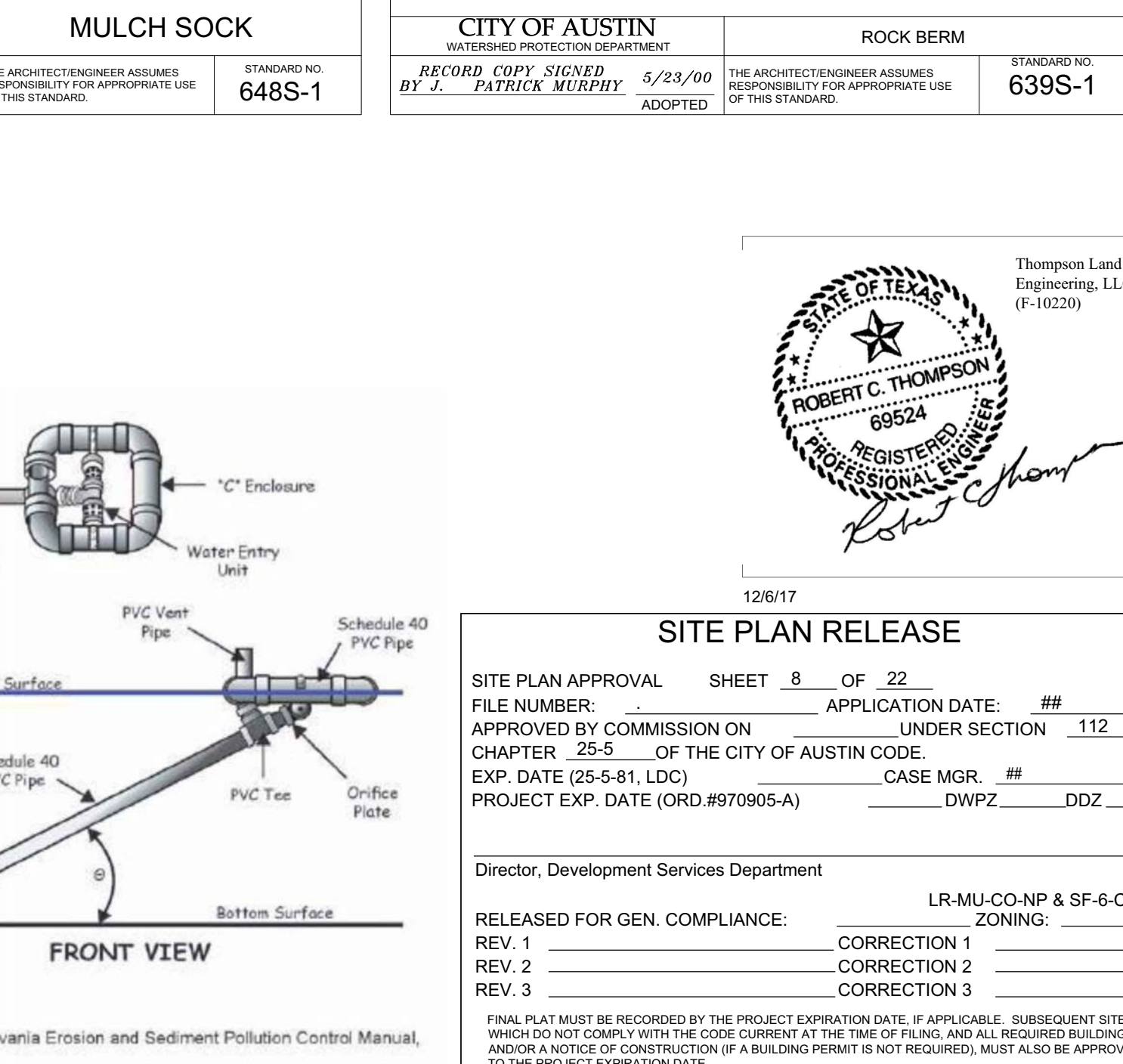
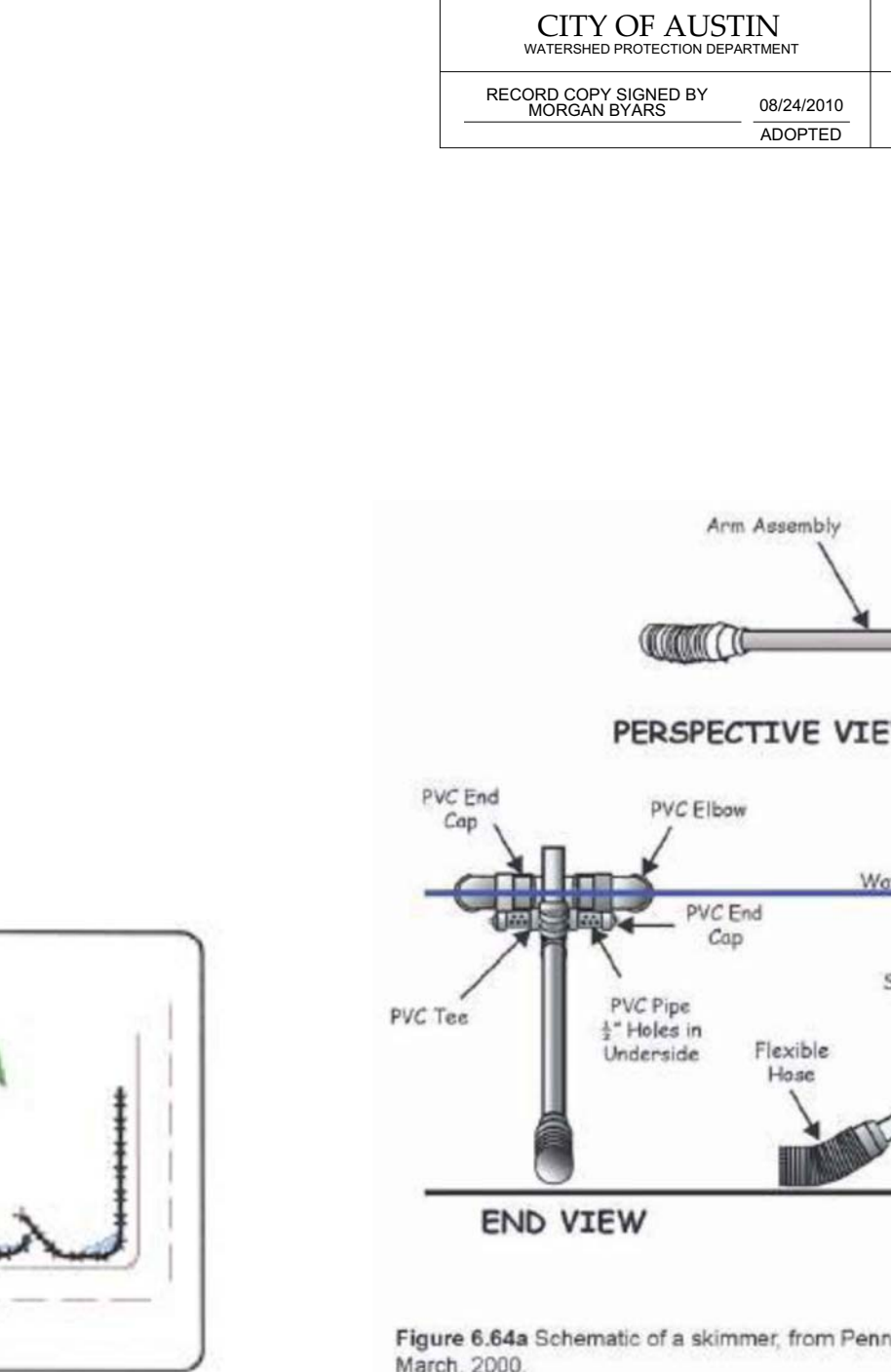
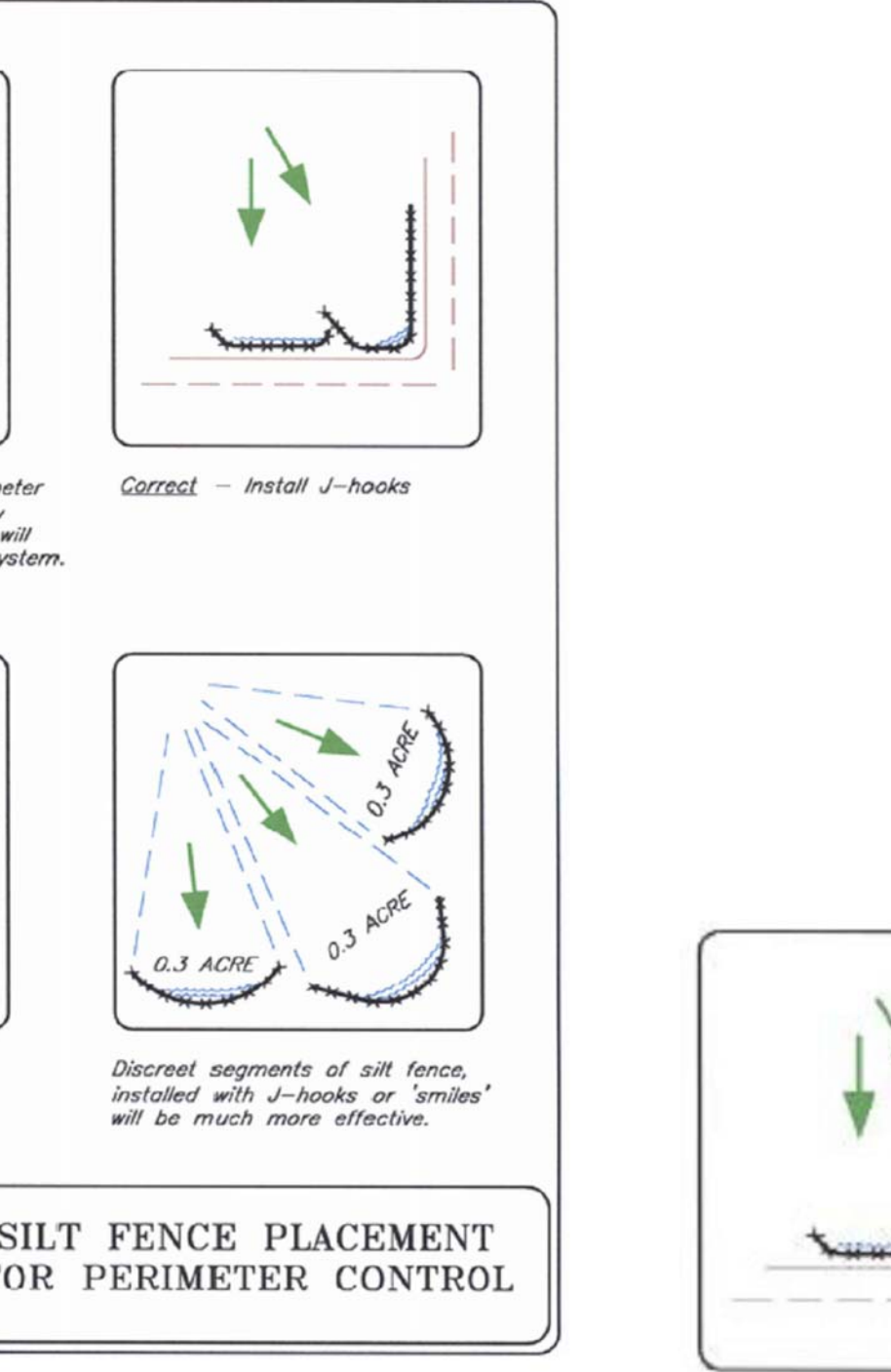
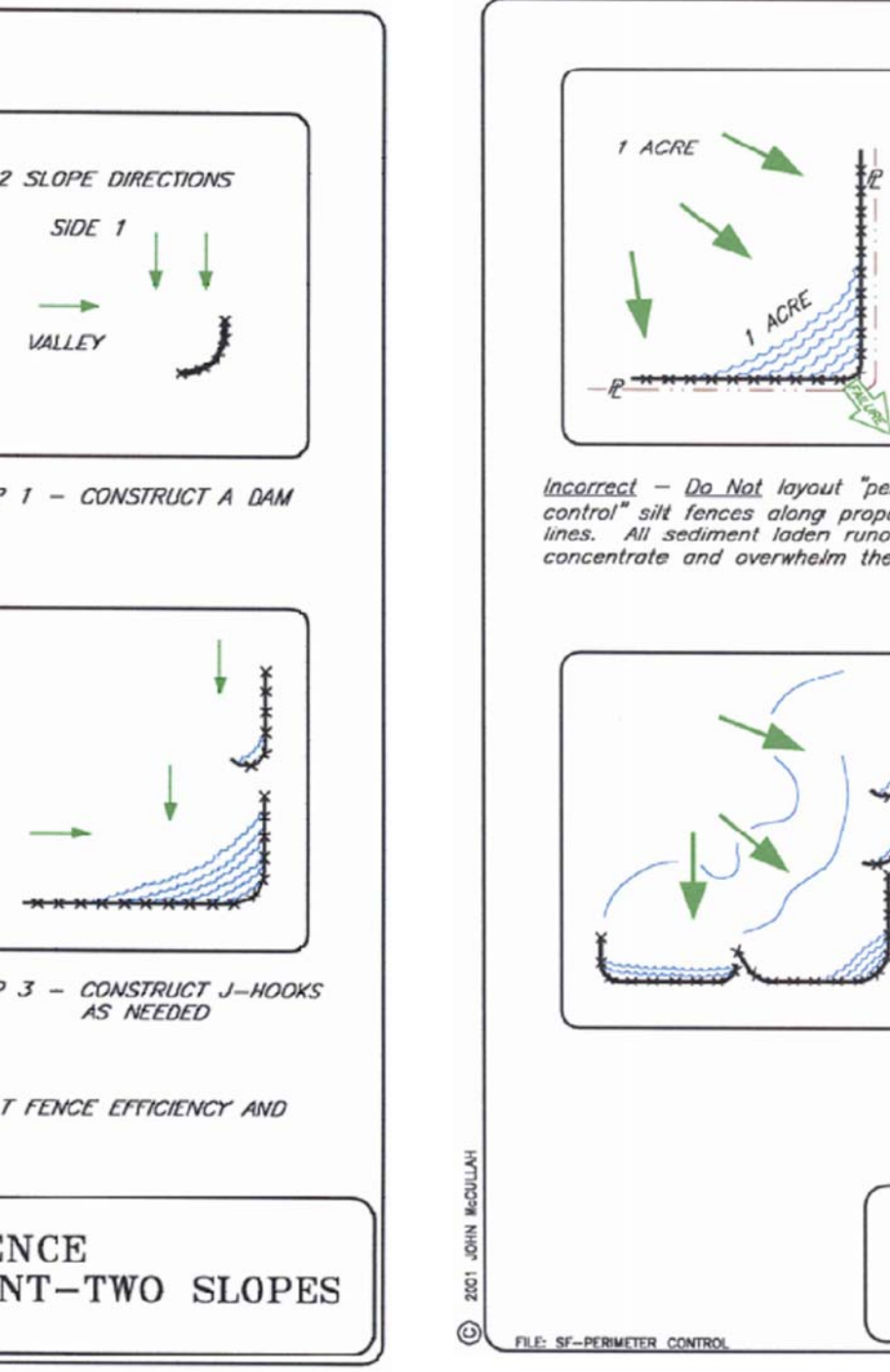
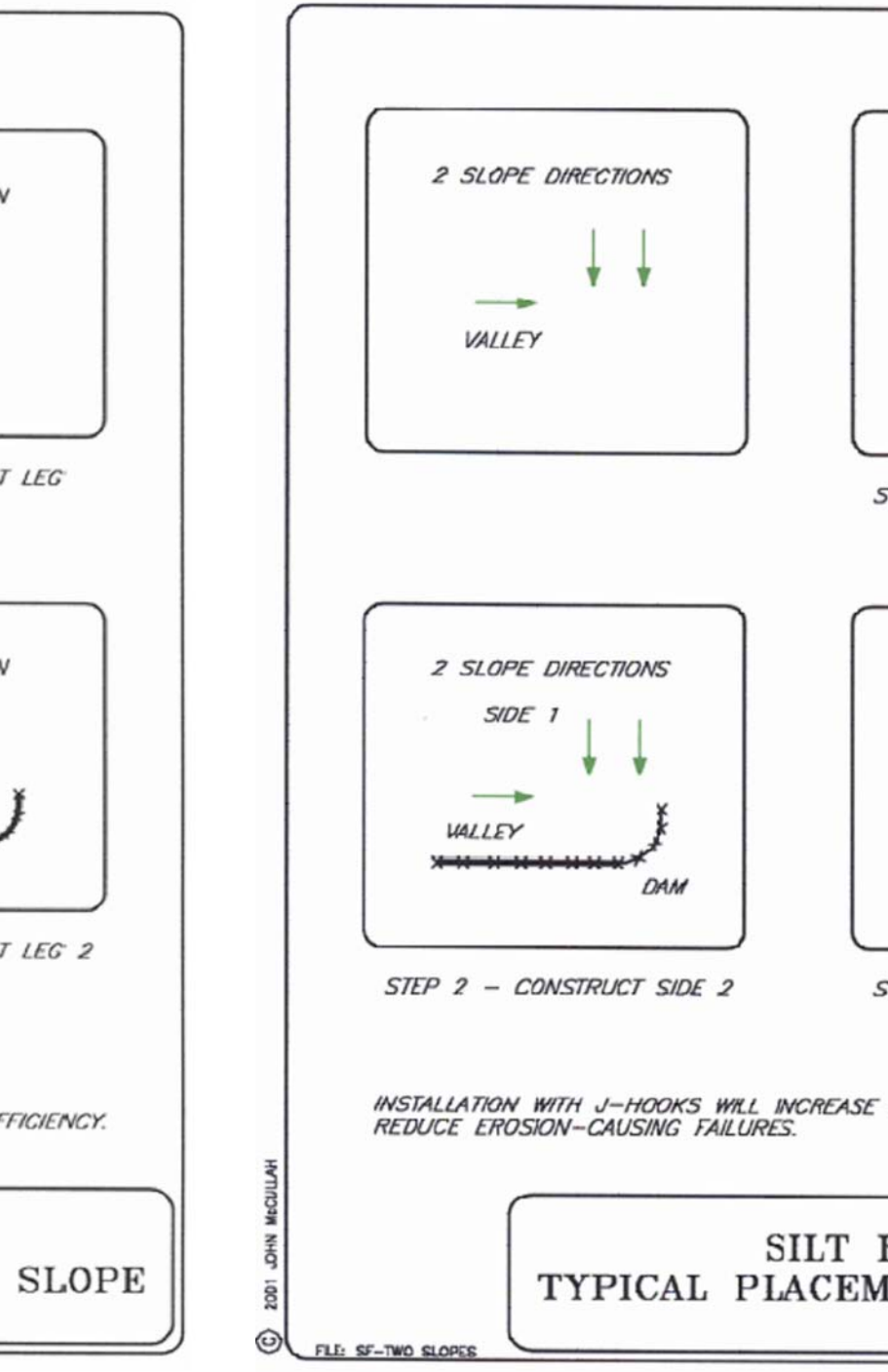
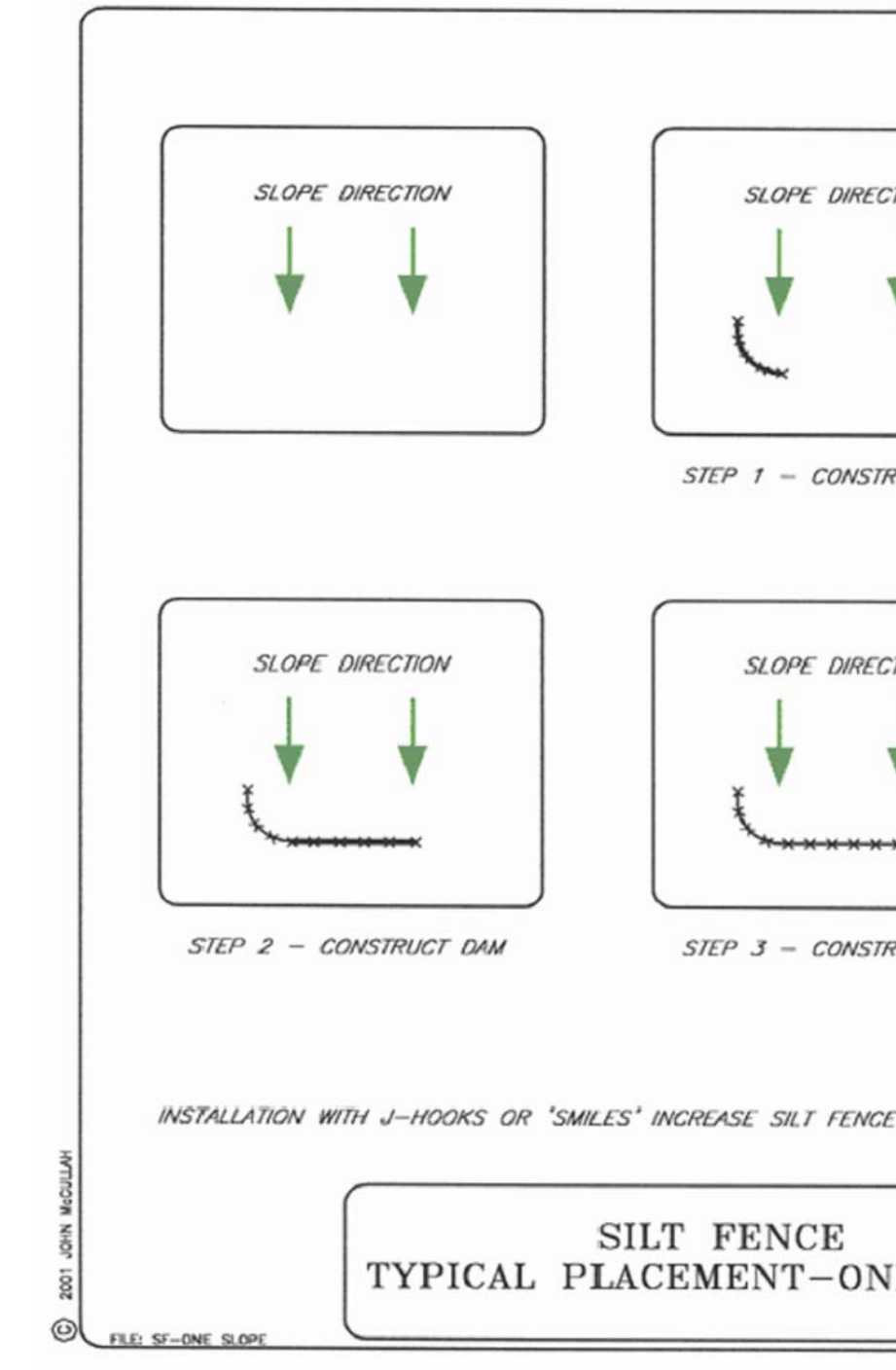
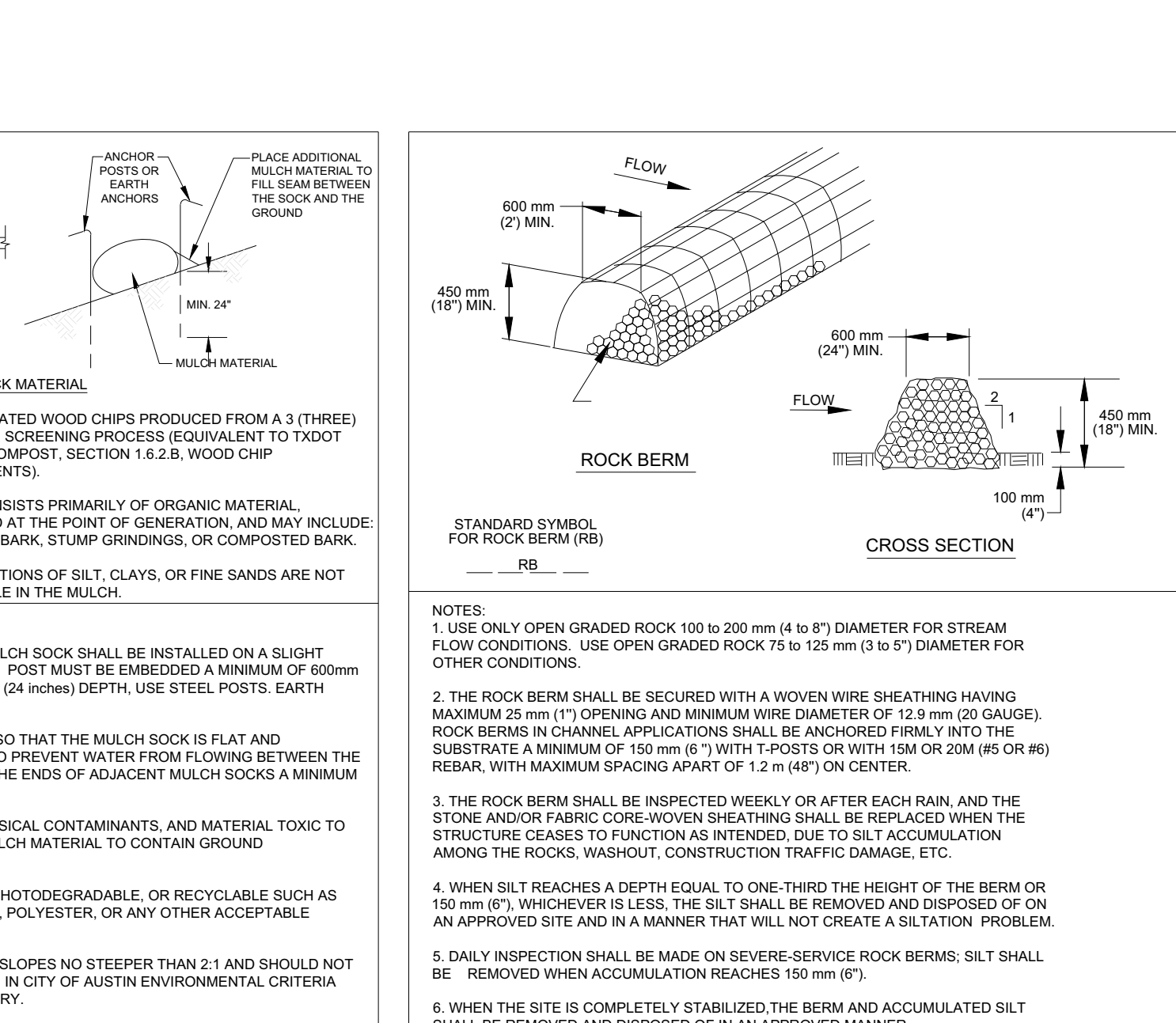
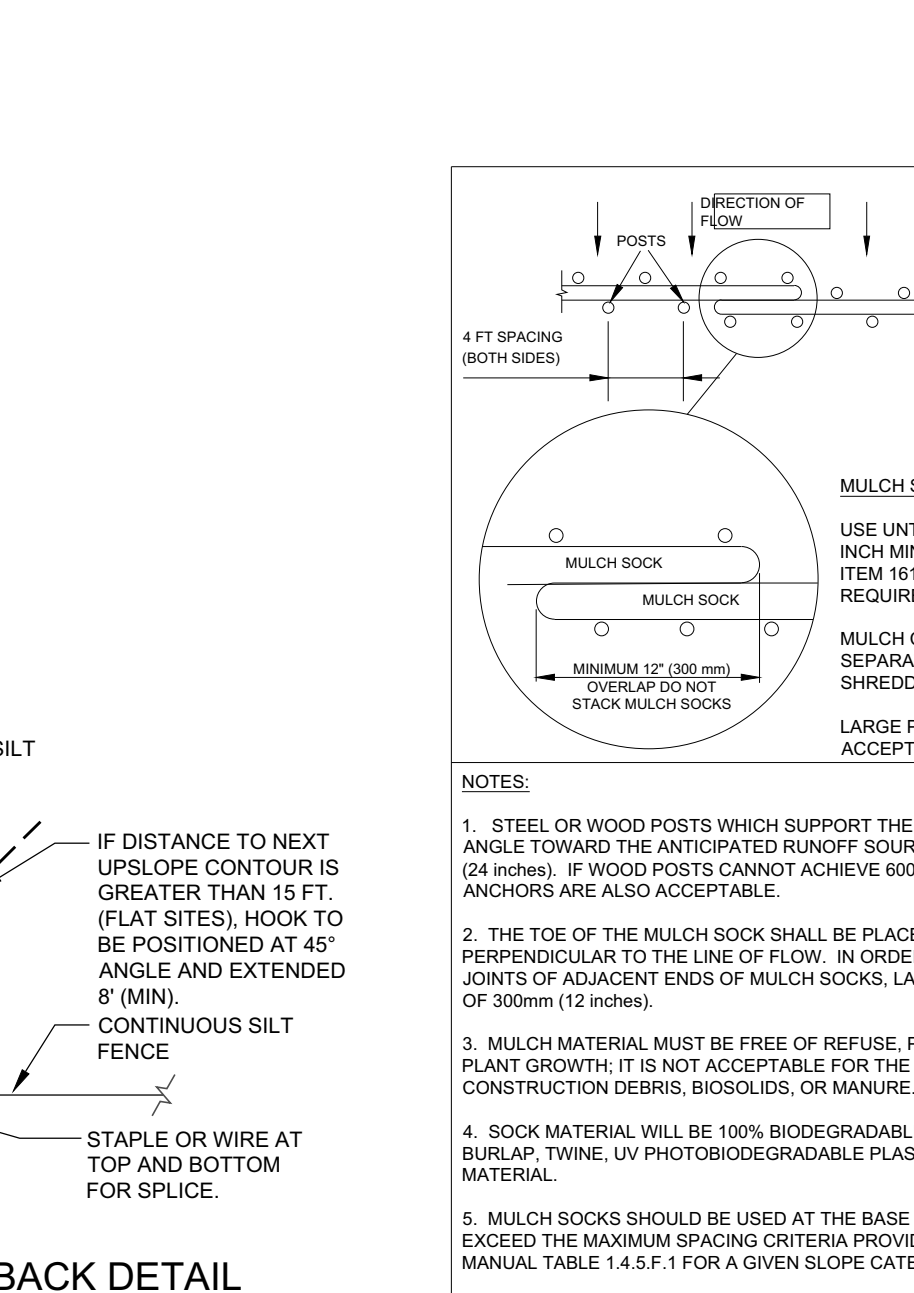
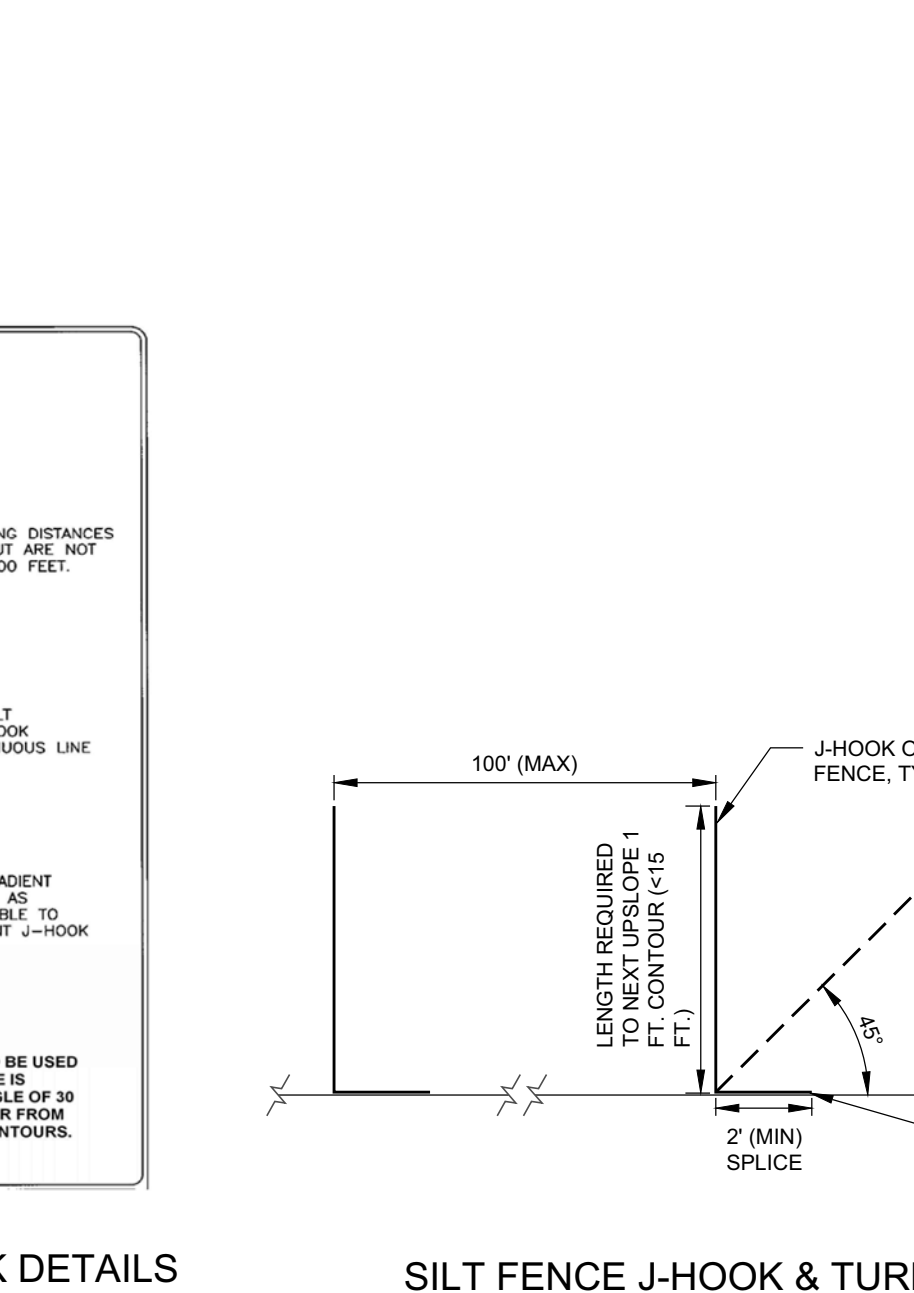
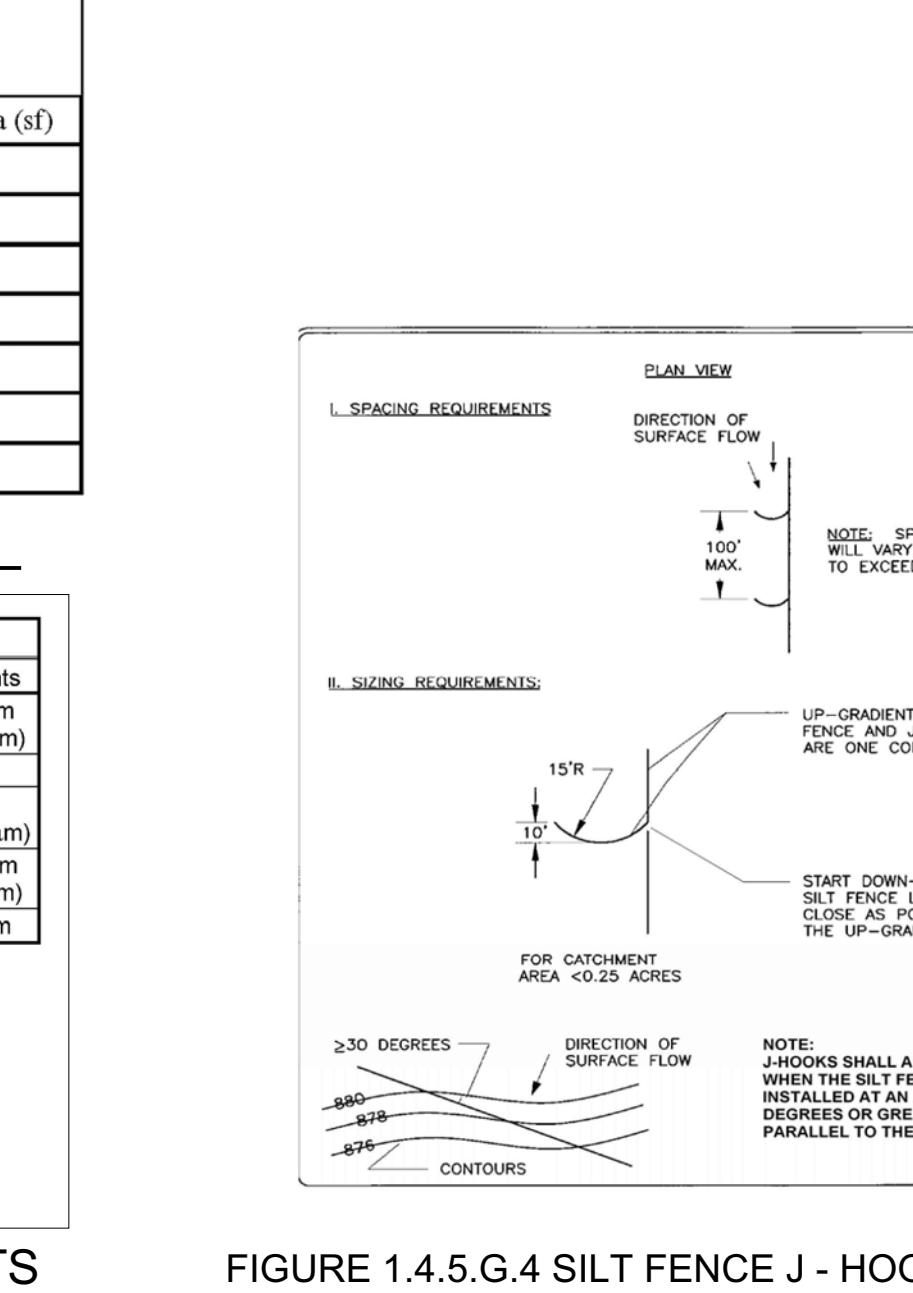


FIGURE 1.4.5.G.3 SILT FENCE PLACEMENT FOR PERIMETER CONTROL

FIGURE 1.4.5.G.4 SILT FENCE J - HOOK DETAILS

FIGURE 1.4.5.G.5 SILT FENCE J-HOOK & TURNBACK DETAIL

FIGURE 1.4.5.K.1 DEWATERING SKIMMER DETAIL