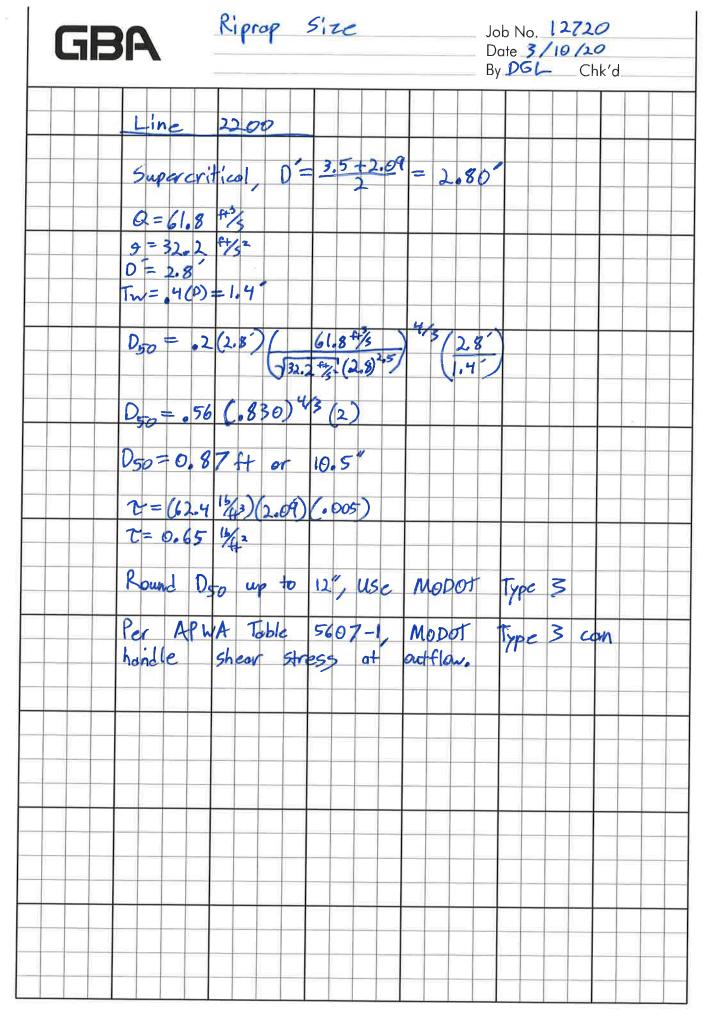


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Other types of lining materials not specifically listed in Table 5607-1 may be used when approved by the City/County Engineer.

Concrete lined open channel bottoms are prohibited, unless a waiver to this criterion is granted by the City/County Engineer.

Lining Category	Lining Type	Permissible Shear Stress (lbs/ft ²)
General	Erosion Control Blankets	1.55-2.35
	Turf-Reinforced Matrix (TRMs):	
	Unvegetated:	3.0
	Vegetated:	8.0
	Geosynthetic Materials	3.01
	Cellular Containment	8.1
	Woven Paper Net	0.15
	Jut Net	0.45
	Fiberglass Roving:	
	Single	0.60
	Double	0.85
	Straw With Net	1.45
	Curled Wood Mat	1.55
	Synthetic Mat	2.00
Vegetative	Class A (see Table 5607-2)	3.70
	Class B (see Table 5607-2)	2.10
	Class C (see Table 5607-2)	1.00
	Class D (see Table 5607-2)	0.60
	Class E (see Table 5607-2)	0.35
Gravel Riprap	25 mm	0.33
	50 mm	0.67
Rock Riprap	150 mm	2.00
	300 mm	4.00
Bare Soil	Non-Cohesive	See Figure 5607-1
	Cohesive	See Figure 5607-2

Table 5607-1: Permissible Shear Stresses for Lining Material