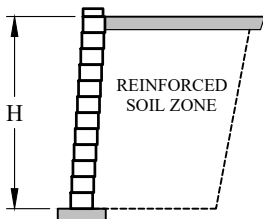
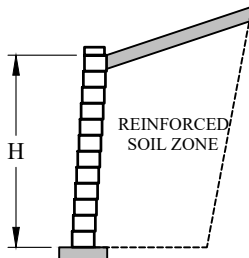


Estimating Chart for Geogrid Reinforcement 8" High and 10" plus depth Retaining Wall Systems No Slopes and No Surcharges



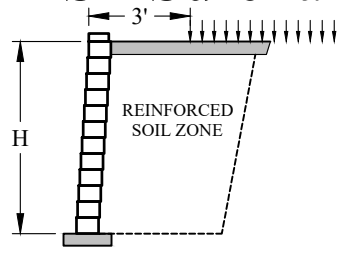
	Clay and Silt Soils $\phi = 26^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$	Silty / Clayey Sand Soil $\phi = 30^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$	Clean Sand and Gravel Soil $\phi = 34^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$
4'-0" (1200 mm) 6 Courses	<p>4.5 FT (1350 mm) 4.5 FT (1350 mm) 4.5 FT (1350 mm)</p>	<p>4.0 FT (1200 mm) 4.0 FT (1200 mm)</p>	<p>4.0 FT (1200 mm) 4.0 FT (1200 mm)</p>
6'-0" (1800 mm) 9 Courses	<p>6.0 FT (1800 mm) 6.0 FT (1800 mm) 6.0 FT (1800 mm) 6.0 FT (1800 mm)</p>	<p>5.5 FT (1650 mm) 5.5 FT (1650 mm) 5.5 FT (1650 mm)</p>	<p>5.0 FT (1500 mm) 5.0 FT (1500 mm) 5.0 FT (1500 mm)</p>
8'-0" (2400 mm) 12 Courses	<p>7.0 FT (2100 mm) 7.0 FT (2100 mm) 7.0 FT (2100 mm) 7.0 FT (2100 mm) 7.0 FT (2100 mm)</p>	<p>6.5 FT (1950 mm) 6.5 FT (1950 mm) 6.5 FT (1950 mm) 6.5 FT (1950 mm)</p>	<p>6.0 FT (1800 mm) 6.0 FT (1800 mm) 6.0 FT (1800 mm) 6.0 FT (1800 mm)</p>
10'-0" (3000 mm) 15 Courses	<p>9.0 FT (2700 mm) 9.0 FT (2700 mm) 9.0 FT (2700 mm) 9.0 FT (2700 mm) 9.0 FT (2700 mm) 9.0 FT (2700 mm)</p>	<p>8.0 FT (2400 mm) 8.0 FT (2400 mm) 8.0 FT (2400 mm) 8.0 FT (2400 mm) 8.0 FT (2400 mm)</p>	<p>7.5 FT (2250 mm) 7.5 FT (2250 mm) 7.5 FT (2250 mm) 7.5 FT (2250 mm) 7.5 FT (2250 mm)</p>
12'-0" (3600 mm) 18 Courses	<p>Wall design to be performed by a professional engineer</p>	<p>9.0 FT (2700 mm) 9.0 FT (2700 mm) 9.0 FT (2700 mm) 9.0 FT (2700 mm) 9.0 FT (2700 mm)</p>	<p>8.5 FT (2550 mm) 8.5 FT (2550 mm) 8.5 FT (2550 mm) 8.5 FT (2550 mm) 8.5 FT (2550 mm)</p>

Estimating Chart for Geogrid Reinforcement 8" High and 10" plus Retaining Wall Systems 3:1 Crest Slope



	Clay and Silt Soils $\phi = 26^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$	Silty / Clayey Sand Soil $\phi = 30^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$	Clean Sand and Gravel Soil $\phi = 34^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$
4'-0" (1200 mm) 6 Courses			
6'-0" (1800 mm) 9 Courses			
8'-0" (2400 mm) 12 Courses			
10'-0" (3000 mm) 15 Courses			
12'-0" (3600 mm) 18 Courses			

Estimating Chart for Geogrid Reinforcement 8" High and 10" plus depth Retaining Wall Systems 250 PSF Surcharge



	Clay and Silt Soils $\phi = 26^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$	Silty / Clayey Sand Soil $\phi = 30^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$	Clean Sand and Gravel Soil $\phi = 34^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$
4'-0" (1200 mm) 6 Courses			
6'-0" (1800 mm) 9 Courses			
8'-0" (2400 mm) 12 Courses			
10'-0" (3000 mm) 15 Courses			
12'-0" (3600 mm) 18 Courses			