

Diamond® Retaining Wall System

Estimating Chart for Geosynthetic Reinforcement

100 PSF Surcharge

CLAY AND SILT SOIL $\phi = 26^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$	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 Courses 2' 0" (600 mm) <div style="text-align: center;"> </div>	4 Courses 2' 0" (600 mm) <div style="text-align: center;"> </div>	4 Courses 2' 0" (600 mm) <div style="text-align: center;"> </div>
6 Courses 3' 0" (900 mm) <div style="text-align: center;"> </div>	6 Courses 3' 0" (900 mm) <div style="text-align: center;"> </div>	6 Courses 3' 0" (900 mm) <div style="text-align: center;"> </div>
8 Courses 4' 0" (1200 mm) <div style="text-align: center;"> </div>	8 Courses 4' 0" (1200 mm) <div style="text-align: center;"> </div>	8 Courses 4' 0" (1200 mm) <div style="text-align: center;"> </div>
10 Courses 5' 0" (1500 mm) <div style="text-align: center;"> </div>	10 Courses 5' 0" (1500 mm) <div style="text-align: center;"> </div>	10 Courses 5' 0" (1500 mm) <div style="text-align: center;"> </div>
12 Courses 6' 0" (1800 mm) <div style="text-align: center;"> </div>	12 Courses 6' 0" (1800 mm) <div style="text-align: center;"> </div>	12 Courses 6' 0" (1800 mm) <div style="text-align: center;"> </div>
14 Courses 7' 0" (2100 mm) <div style="text-align: center;"> </div>	14 Courses 7' 0" (2100 mm) <div style="text-align: center;"> </div>	14 Courses 7' 0" (2100 mm) <div style="text-align: center;"> </div>
16 Courses 8' 0" (2400 mm) <div style="text-align: center;"> </div>	16 Courses 8' 0" (2400 mm) <div style="text-align: center;"> </div>	16 Courses 8' 0" (2400 mm) <div style="text-align: center;"> </div>