

Diamond® Retaining Wall System

Estimating Chart for Geosynthetic Reinforcement

No Slopes / No Surcharges

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 $\phi = 34^\circ$ $\gamma = 120 \text{ pcf (19 kN/m}^3\text{)}$
<p>H</p>	<p>H</p>	<p>H</p>
<p>4 Courses 2' 0" (600 mm)</p> <p>REINFORCEMENT NOT REQUIRED</p>	<p>4 Courses 2' 0" (600 mm)</p> <p>REINFORCEMENT NOT REQUIRED</p>	<p>4 Courses 2' 0" (600 mm)</p> <p>REINFORCEMENT NOT REQUIRED</p>
<p>6 Courses 3' 0" (900 mm)</p>	<p>6 Courses 3' 0" (900 mm)</p> <p>REINFORCEMENT NOT REQUIRED</p>	<p>6 Courses 3' 0" (900 mm)</p> <p>REINFORCEMENT NOT REQUIRED</p>
<p>8 Courses 4' 0" (1200 mm)</p>	<p>8 Courses 4' 0" (1200 mm)</p>	<p>8 Courses 4' 0" (1200 mm)</p> <p>REINFORCEMENT NOT REQUIRED</p>
<p>10 Courses 5' 0" (1500 mm)</p>	<p>10 Courses 5' 0" (1500 mm)</p>	<p>10 Courses 5' 0" (1500 mm)</p>
<p>12 Courses 6' 0" (1800 mm)</p>	<p>12 Courses 6' 0" (1800 mm)</p>	<p>12 Courses 6' 0" (1800 mm)</p>
<p>14 Courses 7' 0" (2100 mm)</p>	<p>14 Courses 7' 0" (2100 mm)</p>	<p>14 Courses 7' 0" (2100 mm)</p>
<p>16 Courses 8' 0" (2400 mm)</p>	<p>16 Courses 8' 0" (2400 mm)</p>	<p>16 Courses 8' 0" (2400 mm)</p>