

StoneWall SELECT®

Retaining Wall System

Maximum Gravity Wall Height Chart

Assumptions: 12" width, Wall Batter = 5°, Filled unit weight = 120 pcf of wall

<i>Maximum Courses of Block</i>		<i>Site Condition</i>		
<i>SOIL DESCRIPTION</i>	LEVEL	3:1 backslope	2:1 backslope	100 psf load
<i>Sand-Gravel</i>	4 courses	4 courses	3 courses	2 courses
<i>Silty-sand</i>	3 courses	3 courses	3 courses	2 courses
<i>Silty clay, sandy clay</i>	3 courses	2 courses	2 courses	1 course

OR

<i>Maximum Courses in feet</i>		<i>Site Condition</i>		
<i>SOIL DESCRIPTION</i>	LEVEL	3:1 backslope	2:1 backslope	100 psf load
<i>Sand-Gravel</i>	2.98	2.98	2.31	1.64
<i>Silty-sand</i>	2.31	2.31	2.31	1.64
<i>Silty clay, sandy clay</i>	2.31	1.64	1.64	0.97



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