

Table of Grades

Less Than 2%

2% – 3%

3% – 4%

More Than 4%

		Run Distance													
Rise		1.0'	1.5'	2.0'	2.5'	3.0'	3.5'	4.0'	4.5'	5.0'	6.0'	7.0'	8.0'	9.0'	10.0'
		12"	18"	24"	30"	36"	42"	48"	54"	60"	72"	84"	96"	108"	120"
0.125"		1.04%	0.69%	0.52%	0.42%	0.35%	0.30%	0.26%	0.23%	0.21%	0.17%	0.15%	0.13%	0.12%	0.10%
0.250"		2.08%	1.39%	1.04%	0.83%	0.69%	0.60%	0.52%	0.46%	0.42%	0.35%	0.30%	0.26%	0.23%	0.21%
0.375"		3.13%	2.08%	1.56%	1.25%	1.04%	0.89%	0.78%	0.69%	0.63%	0.52%	0.45%	0.39%	0.35%	0.31%
0.500"		4.17%	2.78%	2.08%	1.67%	1.39%	1.19%	1.04%	0.93%	0.83%	0.69%	0.60%	0.52%	0.46%	0.42%
0.625"		5.21%	3.47%	2.60%	2.08%	1.74%	1.49%	1.30%	1.16%	1.04%	0.87%	0.74%	0.65%	0.58%	0.52%
0.750"		6.25%	4.17%	3.13%	2.50%	2.08%	1.79%	1.56%	1.39%	1.25%	1.04%	0.89%	0.78%	0.69%	0.63%
0.875"		7.29%	4.86%	3.65%	2.92%	2.43%	2.08%	1.82%	1.62%	1.46%	1.22%	1.04%	0.91%	0.81%	0.73%
1.000"		8.33%	5.56%	4.17%	3.33%	2.78%	2.38%	2.08%	1.85%	1.67%	1.39%	1.19%	1.04%	0.93%	0.83%
1.125"		9.38%	6.25%	4.69%	3.75%	3.13%	2.68%	2.34%	2.08%	1.88%	1.56%	1.34%	1.17%	1.04%	0.94%
1.250"		10.42%	6.94%	5.21%	4.17%	3.47%	2.98%	2.60%	2.31%	2.08%	1.74%	1.49%	1.30%	1.16%	1.04%
1.375"		11.46%	7.64%	5.73%	4.58%	3.82%	3.27%	2.86%	2.55%	2.29%	1.91%	1.64%	1.43%	1.27%	1.15%
1.500"		12.50%	8.33%	6.25%	5.00%	4.17%	3.57%	3.13%	2.78%	2.50%	2.08%	1.79%	1.56%	1.39%	1.25%
1.625"		13.54%	9.03%	6.77%	5.42%	4.51%	3.87%	3.39%	3.01%	2.71%	2.26%	1.93%	1.69%	1.50%	1.35%
1.750"		14.58%	9.72%	7.29%	5.83%	4.86%	4.17%	3.65%	3.24%	2.92%	2.43%	2.08%	1.82%	1.62%	1.46%
1.875"		15.63%	10.42%	7.81%	6.25%	5.21%	4.46%	3.91%	3.47%	3.13%	2.60%	2.23%	1.95%	1.74%	1.56%
2.000"		16.67%	11.11%	8.33%	6.67%	5.56%	4.76%	4.17%	3.70%	3.33%	2.78%	2.38%	2.08%	1.85%	1.67%
2.125"		17.71%	11.81%	8.85%	7.08%	5.90%	5.06%	4.43%	3.94%	3.54%	2.95%	2.53%	2.21%	1.97%	1.77%
2.250"		18.75%	12.50%	9.38%	7.50%	6.25%	5.36%	4.69%	4.17%	3.75%	3.13%	2.68%	2.34%	2.08%	1.88%
2.375"		19.79%	13.19%	9.90%	7.92%	6.60%	5.65%	4.95%	4.40%	3.96%	3.30%	2.83%	2.47%	2.20%	1.98%
2.500"		20.83%	13.89%	10.42%	8.33%	6.94%	5.95%	5.21%	4.63%	4.17%	3.47%	2.98%	2.60%	2.31%	2.08%
2.625"		21.88%	14.58%	10.94%	8.75%	7.29%	6.25%	5.47%	4.86%	4.38%	3.65%	3.13%	2.73%	2.43%	2.19%
2.750"		22.92%	15.28%	11.46%	9.17%	7.64%	6.55%	5.73%	5.09%	4.58%	3.82%	3.27%	2.86%	2.55%	2.29%
2.875"		23.96%	15.97%	11.98%	9.58%	7.99%	6.85%	5.99%	5.32%	4.79%	3.99%	3.42%	2.99%	2.66%	2.40%
3.000"		25.00%	16.67%	12.50%	10.00%	8.33%	7.14%	6.25%	5.56%	5.00%	4.17%	3.57%	3.13%	2.78%	2.50%
3.125"		26.04%	17.36%	13.02%	10.42%	8.68%	7.44%	6.51%	5.79%	5.21%	4.34%	3.72%	3.26%	2.89%	2.60%
3.250"		27.08%	18.06%	13.54%	10.83%	9.03%	7.74%	6.77%	6.02%	5.42%	4.51%	3.87%	3.39%	3.01%	2.71%
3.375"		28.13%	18.75%	14.06%	11.25%	9.38%	8.04%	7.03%	6.25%	5.63%	4.69%	4.02%	3.52%	3.13%	2.81%
3.500"		29.17%	19.44%	14.58%	11.67%	9.72%	8.33%	7.29%	6.48%	5.83%	4.86%	4.17%	3.65%	3.24%	2.92%
3.625"		30.21%	20.14%	15.10%	12.08%	10.07%	8.63%	7.55%	6.71%	6.04%	5.03%	4.32%	3.78%	3.36%	3.02%
3.750"		31.25%	20.83%	15.63%	12.50%	10.42%	8.93%	7.81%	6.94%	6.25%	5.21%	4.46%	3.91%	3.47%	3.13%
3.875"		32.29%	21.53%	16.15%	12.92%	10.76%	9.23%	8.07%	7.18%	6.46%	5.38%	4.61%	4.04%	3.59%	3.23%
4.000"		33.33%	22.22%	16.67%	13.33%	11.11%	9.52%	8.33%	7.41%	6.67%	5.56%	4.76%	4.17%	3.70%	3.33%