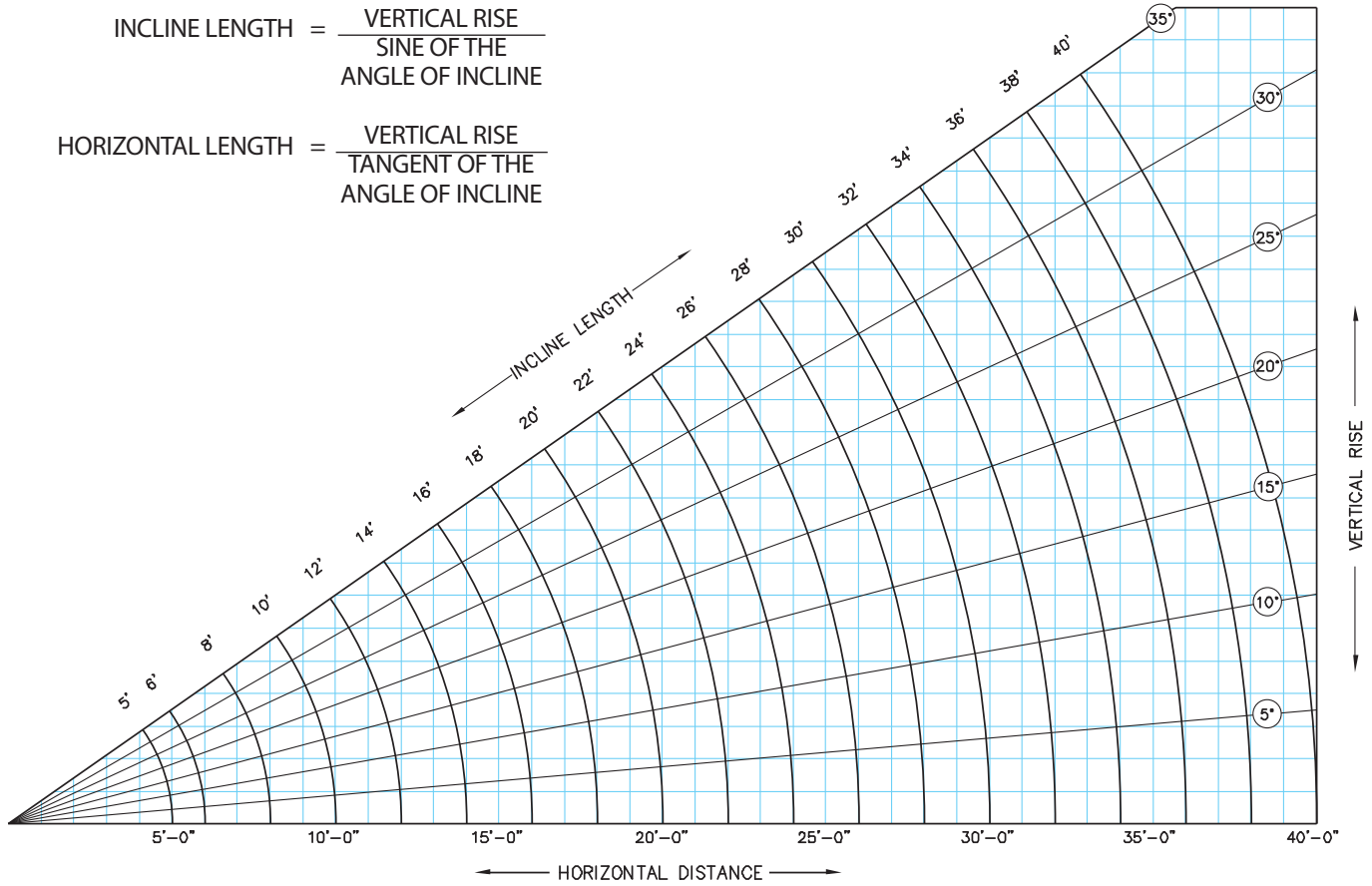


$$\text{INCLINE LENGTH} = \frac{\text{VERTICAL RISE}}{\text{SINE OF THE ANGLE OF INCLINE}}$$

$$\text{HORIZONTAL LENGTH} = \frac{\text{VERTICAL RISE}}{\text{TANGENT OF THE ANGLE OF INCLINE}}$$



Angle	Sine	Tangent	Angle	Sine	Tangent	Angle	Sine	Tangent
1°	.02	.02	11°	.19	.20	21°	.36	.38
2°	.03	.03	12°	.21	.21	22°	.37	.40
3°	.05	.05	13°	.23	.23	23°	.39	.42
4°	.07	.07	14°	.24	.25	24°	.41	.45
5°	.09	.09	15°	.26	.27	25°	.42	.47
6°	.10	.11	16°	.28	.29	26°	.44	.49
7°	.12	.12	17°	.29	.31	27°	.45	.51
8°	.14	.14	18°	.31	.32	28°	.47	.53
9°	.16	.16	19°	.33	.34	29°	.48	.55
10°	.17	.17	20°	.34	.36	30°	.50	.58