

Engineering Scale Chart

Common engineering scales expressed as 1 inch on paper representing a real distance in feet.

Engineering scale	Exact ratio	1 in on paper represents	Ratio note
1" = 10'	1:120	10 ft	0.1 hundreds of ft
1" = 20'	1:240	20 ft	0.2 hundreds of ft
1" = 30'	1:360	30 ft	0.3 hundreds of ft
1" = 40'	1:480	40 ft	0.4 hundreds of ft
1" = 50'	1:600	50 ft	0.5 hundreds of ft
1" = 60'	1:720	60 ft	0.6 hundreds of ft
1" = 100'	1:1200	100 ft	1 hundreds of ft

1" = 20' is exactly 1:240; 1" = 50' is 1:600.

Verify the final PDF/hardcopy at 100% before using a printed scale for measurement.