

	Dwg Scale	Scale Factor	Inv Multiplier	Text Heights (inches)							
				1/16	3/32	1/8	5/32	3/16	1/4	3/8	
Architectural	Full	1	1.000000	1/16	3/32	1/8	5/32	3/16	1/4	3/8	Architectural
	Half	2	0.500000	1/8	3/16	1/4	5/16	3/8	1/2	3/4	
	3" = 1'-0"	4	0.250000	1/4	3/8	1/2	5/8	3/4	1	1 1/2	
	1 1/2" = 1'-0"	8	0.125000	1/2	3/4	1	1 1/4	1 1/2	2	3	
	1" = 1'-0"	12	0.083333	3/4	1 1/8	1 1/2	1 7/8	2 1/4	3	4 1/2	
	3/4" = 1'-0"	16	0.062500	1	1 1/2	2	2 1/2	3	4	6	
	1/2" = 1'-0"	24	0.041667	1 1/2	2 1/4	3	3 3/4	4 1/2	6	9	
	3/8" = 1'-0"	32	0.031250	2	3	4	5	6	8	12	
	1/4" = 1'-0"	48	0.020833	3	4 1/2	6	7 1/2	9	12	18	
	3/16" = 1'-0"	64	0.015625	4	6	8	10	12	16	24	
	1/8" = 1'-0"	96	0.010417	6	9	12	15	18	24	36	
	3/32" = 1'-0"	128	0.007813	8	12	16	20	24	32	48	
	1/16" = 1'-0"	192	0.005208	12	18	24	30	36	48	72	
	1/32" = 1'-0"	384	0.002604	24	36	48	60	72	96	144	
	1/64" = 1'-0"	768	0.001302	48	72	96	120	144	192	288	
	1/128" = 1'-0"	1,536	0.000651	96	144	192	240	288	384	576	
	1/256" = 1'-0"	3,072	0.000326	192	288	384	480	576	768	1152	
	1/512" = 1'-0"	6,144	0.000163	384	576	768	960	1152	1536	2304	
Engineering	1" = 10'	120	0.008333	7 1/2	11 1/4	15	18 3/4	22 1/2	30	45	Engineering
	1" = 20'	240	0.004167	15	22 1/2	30	37 1/2	45	60	90	
	1" = 25'	300	0.003333	18 3/4	28 1/8	37 1/2	46 7/8	56 1/4	75	112 1/2	
	1" = 30'	360	0.002778	22 1/2	33 3/4	45	56 1/4	67 1/2	90	135	
	1" = 40'	480	0.002083	30	45	60	75	90	120	180	
	1" = 50'	600	0.001667	37 1/2	56 1/4	75	93 3/4	112 1/2	150	225	
	1" = 60'	720	0.001389	45	67 1/2	90	112 1/2	135	180	270	
	1" = 100'	1,200	0.000833	75	112 1/2	150	187 1/2	225	300	450	
	1" = 200'	2,400	0.000417	150	225	300	375	450	600	900	
	1" = 500'	6,000	0.000167	375	562 1/2	750	937 1/2	1125	1500	2250	
	1" = 1,000'	12,000	0.000083	750	1125	1500	1875	2250	3000	4500	
	1" = 5,000'	24,000	0.000042	1500	2250	3000	3750	4500	6000	9000	

	Dwg Scale	Scale Factor	Inv Multiplier	Paper Sizes					
				Letter (A)	Tabloid (B)	C Size	D Size	E Size	
Architectural	Full	1	1.000000	11.0" x 8.5"	17.0" x 11.0"	24.0" x 18.0"	36.0" x 24.0"	48.0" x 36.0"	Architectural
	Half	2	0.500000	22.0" x 17.0"	34.0" x 22.0"	48.0" x 36.0"	72.0" x 48.0"	96.0" x 72.0"	
	3" = 1'-0"	4	0.250000	44.0" x 34.0"	68.0" x 44.0"	96.0" x 72.0"	144.0" x 96.0"	192.0" x 144.0"	
	1 1/2" = 1'-0"	8	0.125000	88.0" x 68.0"	136.0" x 88.0"	192.0" x 144.0"	288.0" x 192.0"	384.0" x 288.0"	
	1" = 1'-0"	12	0.083333	132.0" x 102.0"	204.0" x 132.0"	288.0" x 216.0"	432.0" x 288.0"	576.0" x 432.0"	
	3/4" = 1'-0"	16	0.062500	176.0" x 136.0"	272.0" x 176.0"	384.0" x 288.0"	576.0" x 384.0"	768.0" x 576.0"	
	1/2" = 1'-0"	24	0.041667	264.0" x 204.0"	408.0" x 264.0"	576.0" x 432.0"	864.0" x 576.0"	1,152.0" x 864.0"	
	3/8" = 1'-0"	32	0.031250	352.0" x 272.0"	544.0" x 352.0"	768.0" x 576.0"	1,152.0" x 768.0"	1,536.0" x 1,152.0"	
	1/4" = 1'-0"	48	0.020833	528.0" x 408.0"	816.0" x 528.0"	1,152.0" x 864.0"	1,728.0" x 1,152.0"	2,304.0" x 1,728.0"	
	3/16" = 1'-0"	64	0.015625	704.0" x 544.0"	1,088.0" x 704.0"	1,536.0" x 1,152.0"	2,304.0" x 1,536.0"	3,072.0" x 2,304.0"	
	1/8" = 1'-0"	96	0.010417	1,056.0" x 816.0"	1,632.0" x 1,056.0"	2,304.0" x 1,728.0"	3,456.0" x 2,304.0"	4,608.0" x 3,456.0"	
	3/32" = 1'-0"	128	0.007813	1,408.0" x 1,088.0"	2,176.0" x 1,408.0"	3,072.0" x 2,304.0"	4,608.0" x 3,072.0"	6,144.0" x 4,608.0"	
	1/16" = 1'-0"	192	0.005208	176.0' x 136.0'	272.0' x 176.0'	384.0' x 288.0'	576.0' x 384.0'	768.0' x 576.0'	
	1/32" = 1'-0"	384	0.002604	352.0' x 272.0'	544.0' x 352.0'	768.0' x 576.0'	1,152.0' x 768.0'	1,536.0' x 1,152.0'	
	1/64" = 1'-0"	768	0.001302	704.0' x 544.0'	1,088.0' x 704.0'	1,536.0' x 1,152.0'	2,304.0' x 1,536.0'	3,072.0' x 2,304.0'	
	1/128" = 1'-0"	1,536	0.000651	1,408.0' x 1,088.0'	2,176.0' x 1,408.0'	3,072.0' x 2,304.0'	4,608.0' x 3,072.0'	6,144.0' x 4,608.0'	
	1/256" = 1'-0"	3,072	0.000326	2,816.0' x 2,176.0'	4,352.0' x 2,816.0'	6,144.0' x 4,608.0'	9,216.0' x 6,144.0'	12,288.0' x 9,216.0'	
	1/512" = 1'-0"	6,144	0.000163	5,632.0' x 4,352.0'	8,704.0' x 5,632.0'	12,288.0' x 9,216.0'	18,432.0' x 12,288.0'	24,576.0' x 18,432.0'	
Engineering	1" = 10'	120	0.008333	110.0' x 85.0'	170.0' x 110.0'	240.0' x 180.0'	360.0' x 240.0'	480.0' x 360.0'	Engineering
	1" = 20'	240	0.004167	220.0' x 170.0'	340.0' x 220.0'	480.0' x 360.0'	720.0' x 480.0'	960.0' x 720.0'	
	1" = 25'	300	0.003333	275.0' x 212.5'	425.0' x 275.0'	600.0' x 450.0'	900.0' x 600.0'	1,200.0' x 900.0'	
	1" = 30'	360	0.002778	330.0' x 255.0'	510.0' x 330.0'	720.0' x 540.0'	1,080.0' x 720.0'	1,440.0' x 1,080.0'	
	1" = 40'	480	0.002083	440.0' x 340.0'	680.0' x 440.0'	960.0' x 720.0'	1,440.0' x 960.0'	1,920.0' x 1,440.0'	
	1" = 50'	600	0.001667	550.0' x 425.0'	850.0' x 550.0'	1,200.0' x 900.0'	1,800.0' x 1,200.0'	2,400.0' x 1,800.0'	
	1" = 60'	720	0.001389	660.0' x 510.0'	1,020.0' x 660.0'	1,440.0' x 1,080.0'	2,160.0' x 1,440.0'	2,880.0' x 2,160.0'	
	1" = 100'	1,200	0.000833	1,100.0' x 850.0'	1,700.0' x 1,100.0'	2,400.0' x 1,800.0'	3,600.0' x 2,400.0'	4,800.0' x 3,600.0'	
	1" = 200'	2,400	0.000417	2,200.0' x 1,700.0'	3,400.0' x 2,200.0'	4,800.0' x 3,600.0'	7,200.0' x 4,800.0'	9,600.0' x 7,200.0'	
	1" = 500'	6,000	0.000167	5,500.0' x 4,250.0'	8,500.0' x 5,500.0'	12,000.0' x 9,000.0'	18,000.0' x 12,000.0'	24,000.0' x 18,000.0'	
	1" = 1,000'	12,000	0.000083	11,000.0' x 8,500.0'	17,000.0' x 11,000.0'	24,000.0' x 18,000.0'	36,000.0' x 24,000.0'	48,000.0' x 36,000.0'	
	1" = 5,000'	24,000	0.000042	22,000.0' x 17,000.0'	34,000.0' x 22,000.0'	48,000.0' x 36,000.0'	72,000.0' x 48,000.0'	96,000.0' x 72,000.0'	