Drawing Scale	LT Scale	Text Height	Rev Cloud Arc
Full	1	3/32"	3/16"
4" = 1'-0"	3	9/32"	9/16"
3" = 1'-0"	4	3/8"	3/4"
1 1/2" = 1'-0"	8	3/4"	1-1/2"
1" = 1'-0"	12	1-1/8"	2-1/4"
3/4" = 1'-0"	16	1-1/2"	3"
1/2" = 1'-0"	24	2-1/4"	4-1/2"
3/8" = 1'-0"	32	3"	6"
1/4" = 1'-0"	48	4-1/2"	9"
3/16" = 1'-0"	64	6"	12"

Drawing Scale	LT Scale	Text Height	Rev Cloud Arc
1/8" = 1'-0"	96	9"	18"
3/32" = 1'-0"	128	12"	12"
1/16" = 1'-0"	192	18"	36"
1" = 10'	120	11-1/4"	22-1/2"
1" = 20'	240	22-1/2"	45"
1" = 25'	300	28-1/8"	56-1/4"
1" = 30'	360	33-3/4"	67"
1" = 40'	480	45"	90"
1" = 50'	600	56-1/4"	112-1/2"
1" = 100'	1200	112-1/2"	225"

$$\frac{\text{Plotted Distance * LT Scale}}{12} = \text{Actual distance at that scale}$$

$$\text{Text Height} = 3/32 * \text{LT Scale}$$

$$\text{LT Scale} = \frac{\text{Lower Portion of Scale Fraction * 12}}{\text{Upper portion of Scale Fraction}}$$