

**SECTION  
3**

**CADD STANDARDS**

**Drawing Scales**

**POSITIONAL UNITS TABLE FOR MULTIPLE SCALES ON DRAWINGS**

		<i>P L O T   S C A L E</i>																					
		3/32"=1'	1/8"=1'	3/16"=1'	1/4"=1'	3/8"=1'	1/2"=1'	3/4"=1'	1"=1'	1 1/2"=1'	3"=1'	FULL	1"=5'	1"=10'	1"=20'	1"=30'	1"=40'	1"=50'	1"=100'	1"=200'	1"=400'	1"=500'	1"=1000'
<b>DETAIL SCALE</b>	<b>3/32"=1'</b>	8,000	6,000	4,000	3,000	2,000	1,500	1,000	750	500	250	63	3,750	7,500	15,000	22,500	30,000	37,500	75,000	150,000	300,000	375,000	750,000
	<b>1/8"=1'</b>	10,667	8,000	5,333	4,000	2,667	2,000	1,333	1,000	667	333	83	5,000	10,000	20,000	30,000	40,000	50,000	100,000	200,000	400,000	500,000	1,000,000
	<b>3/16"=1'</b>	16,000	12,000	8,000	6,000	4,000	3,000	2,000	1,500	1,000	500	125	7,500	15,000	30,000	45,000	60,000	75,000	150,000	300,000	600,000	750,000	1,500,000
	<b>1/4"=1'</b>	21,333	16,000	10,667	8,000	5,333	4,000	2,667	2,000	1,333	667	167	10,000	20,000	40,000	60,000	80,000	100,000	200,000	400,000	800,000	1,000,000	2,000,000
	<b>3/8"=1'</b>	32,000	24,000	16,000	12,000	8,000	6,000	4,000	3,000	2,000	1,000	250	15,000	30,000	60,000	90,000	120,000	150,000	300,000	600,000	1,200,000	1,500,000	3,000,000
	<b>1/2"=1'</b>	42,667	32,000	21,333	16,000	10,667	8,000	5,333	4,000	2,667	1,333	333	20,000	40,000	80,000	120,000	160,000	200,000	400,000	800,000	1,600,000	2,000,000	4,000,000
	<b>3/4"=1'</b>	64,000	48,000	32,000	24,000	16,000	12,000	8,000	6,000	4,000	2,000	500	30,000	60,000	120,000	180,000	240,000	300,000	600,000	1,200,000	2,400,000	3,000,000	6,000,000
	<b>1"=1'</b>	85,333	64,000	42,667	32,000	21,333	16,000	10,667	8,000	5,333	2,667	667	40,000	80,000	160,000	240,000	320,000	400,000	800,000	1,600,000	3,200,000	4,000,000	8,000,000
	<b>1 1/2"=1'</b>	128,000	96,000	64,000	48,000	32,000	24,000	16,000	12,000	8,000	4,000	1,000	60,000	120,000	240,000	360,000	480,000	600,000	1,200,000	2,400,000	4,800,000	6,000,000	12,000,000
	<b>3"=1'</b>	256,000	192,000	128,000	96,000	64,000	48,000	32,000	24,000	16,000	8,000	2,000	120,000	240,000	480,000	720,000	960,000	1,200,000	2,400,000	4,800,000	9,600,000	12,000,000	24,000,000
	<b>FULL</b>	1,024,000	768,000	512,000	384,000	256,000	192,000	128,000	96,000	64,000	32,000	8,000	480,000	960,000	1,920,000	2,880,000	3,840,000	4,800,000	9,600,000	19,200,000	38,400,000	48,000,000	96,000,000
	<b>1"=5'</b>	17,067	12,800	8,533	6,400	4,267	3,200	2,133	1,600	1,067	533	133	8,000	16,000	32,000	48,000	64,000	80,000	160,000	320,000	640,000	800,000	1,600,000
	<b>1"=10'</b>	8,533	6,400	4,267	3,200	2,133	1,600	1,067	800	533	267	67	4,000	8,000	16,000	24,000	32,000	40,000	80,000	160,000	320,000	400,000	800,000
	<b>1"=20'</b>	4,267	3,200	2,133	1,600	1,067	800	533	400	267	133	33	2,000	4,000	8,000	12,000	16,000	20,000	40,000	80,000	160,000	200,000	400,000
	<b>1"=30'</b>	2,844	2,133	1,422	1,067	711	533	356	267	178	89	22	1,333	2,667	5,333	8,000	10,667	13,333	26,667	53,333	106,667	133,333	266,667
	<b>1"=40'</b>	2,133	1,600	1,067	800	533	400	267	200	133	67	17	1,000	2,000	4,000	6,000	8,000	10,000	20,000	40,000	80,000	100,000	200,000
	<b>1"=50'</b>	1,707	1,280	853	640	427	320	213	160	107	53	13	800	1,600	3,200	4,800	6,400	8,000	16,000	32,000	64,000	80,000	160,000
	<b>1"=100'</b>	853	640	427	320	213	160	107	80	53	27	N/A	400	800	1,600	2,400	3,200	4,000	8,000	16,000	32,000	40,000	80,000
	<b>1"=200'</b>	427	320	213	160	107	80	53	40	27	13	N/A	200	400	800	1,200	1,600	2,000	4,000	8,000	16,000	20,000	40,000
	<b>1"=400'</b>	213	160	107	80	53	40	27	20	13	N/A	N/A	100	200	400	600	800	1,000	2,000	4,000	8,000	10,000	20,000
<b>1"=500'</b>	171	128	85	64	43	32	21	16	11	N/A	N/A	80	160	320	480	640	800	1,600	3,200	6,400	8,000	16,000	
<b>1"=1000'</b>	85	64	43	32	21	16	11	N/A	N/A	N/A	N/A	40	80	160	240	320	400	800	1,600	3,200	4,000	8,000	

