

DRAWING PLOT LIMITS, TEXT CONVERSIONS & LINE TYPES

APPENDIX A

DRAWING PLOT LIMITS					
SCALE	8.5X11	11X17	18X24	24X36	36X48
1"=10'	85 X 110	110 X 170	180 X 240	240 X 360	360 X 480
1"=20'	170 X 220	220 X 340	360 X 480	480 X 720	720 X 960
1"=30'	255 X 330	330 X 510	540 X 720	720 X 1080	1080 X 1440
1"=40'	340 X 440	440 X 680	720 X 960	960 X 1440	1440 X 1920
1"=50'	425 X 550	558 X 850	900 X 1200	1200 X 1800	1800 X 2400
1"=60'	510 X 660	660 X 1020	1080 X 1440	1440 X 2160	2160 X 2880
3"=1'-0"	2.83 X 3.67	3.67 X 5.67	6 X 8	8 X 12	12 X 16
1 1/2"=1'-0"	5.67 X 7.34	7.34 X 11.34	12 X 16	16 X 24	24 X 32
1"=1'-0"	8.5 X 11	11 X 17	18 X 24	24 X 36	36 X 48
3/4"=1'-0"	11.33 X 14.66	14.67 X 22.67	24 X 32	32 X 48	48 X 64
1/2"=1'-0"	17 X 22	22 X 34	36 X 48	48 X 72	72 X 96
1/4"=1'-0"	34 X 44	44 X 68	72 X 96	96 X 144	144 X 192
3/16"=1'-0"	68 X 88	68 X 102	108 X 144	144 X 216	216 X 288
1/8"=1'-0"	102 X 132	88 X 136	144 X 192	192 X 288	288 X 384
3/32"=1'-0"	124 X 154	176 X 272	288 X 384	256 X 384	384 X 512
1/16"=1'-0"	136 X 176	176 X 272	288 X 384	384 X 576	576 X 768
1/32"=1'-0"	272 X 352	352 X 544	576 X 768	768 X 1152	1152 X 1536

TEXT CONVERSION FOR VARIOUS DRAWING SCALES							
DRAWING SCALE	LT SCALE	SCALE FACTOR	AutoCAD DRAWING HEIGHT FOR 1/8"=HIGH TEXT	DRAWING SCALE	LT SCALE	SCALE FACTOR	AutoCAD DRAWING HEIGHT FOR 1/8"=HIGH TEXT
1/32"=1'-0"	144	384	36.00"	1"=10'	45	120	15"
1/16"=1'-0"	72	192	24.00"	1"=20'	90	240	30"
3/32"=1'-0"	48	128	18.00"	1"=30'	135	360	45"
1/8"=1'-0"	36	96	12.00"	1"=40'	180	480	56.25"
3/16"=1'-0"	27	72	9.00"	1"=50'	225	600	75"
1/4"=1'-0"	18	48	6.00"	1"=60'	270	720	90"
1/2"=1'-0"	12	24	3.00"	1"=100'	450	1200	150"
3/4"=1'-0"	8	16	2.00"				
1"=1'-0"	6	12	1.50"				
1 1/2"=1'-0"	4	8	1.00"				
3"=1'-0"	2	4	.50"				
1"=1"	.5	1	.125"				

SPECIAL TEXT CHARACTORS		
%%%	FORCES SINGLE % SIGN	%
%%P	DRAWS PLUS/MINUS SIGN	±
%%U	TURNS UNDERSCORE ON/OFF	
%%O	TURNS OVERSCORE ON/OFF	
%%C	DRAWS DIAMETER SYMBOL	∅
%%D	DRAWS DEGREE SYMBOL	°
%%123	DRAWS LEFT CURLY BRACKET	{
%%125	DRAWS RIGHT CURLY BRACKET	}

LINE TYPES			
CENTER LINE		LT=CENTER	PEN=1 COL=8, 10, 11, 12
DIMENSION LINE		ARROW=1/8"	PEN=1 COL=15
LEADER LINE		ARROW=1/8"	PEN=1 COL=15
FUTURE-CONSTRUCTION		LT=DASHED	PEN=1 COL=9, 10, 11, 12
EXIST-CONSTRUCTION		LT=CONTINUOUS	PEN=1 COL=9, 10, 11, 12
NEW CONSTRUCTION AND REVISION CLOUD		LT=CONTINUOUS	PEN=3 COL=1, 2, 3, 4
HIDDEN LINE		LT=DASHED	PEN=3 COL=1, 2, 3, 4
MATCH LINE		LT=CENTER	PEN=2 COL=5, 6, 7, 8
EXIST TO BE REMOVED		LT=CONTINUOUS	PEN=1 COL=9
TEXT		LT=CONTINUOUS	PEN=3 COL=4
	XXXX	LT=CONTINUOUS	PEN=2 COL=7

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