

Fundamentals

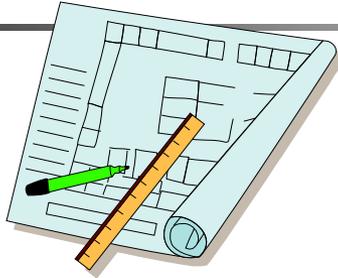
“Engineering Drawing Practices”

ASME Y14.1 “Decimal Inch Drawing Sheet Size and Format. This Standard establishes a series of recommended decimal inch drawing sizes and the basic format for engineering drawings. It provides a basis for uniformity in engineering drawing size and format which Industry and Government can utilize.

Fundamentals

“Engineering Drawing Practices”

General



Standardization of drawing sizes and the uniform location of format features on drawing forms provide definite advantages in readability, handling, filing, and reproduction.



Fundamentals

“Engineering Drawing Practices”

TITLE BLOCKS

Location. The title block shall be located in the lower right corner of the format.

DEPARTMENT OF RUM MAKING BILLY JEAN'S WASHINGTON, DC 20362			
PLATE, BOTTOM			
SIZE F	CAGE CODE *****	DWG NO. 7251310	
SCALE 1/1		UNIT WT	SH 1 OF 2

B

A

2

1

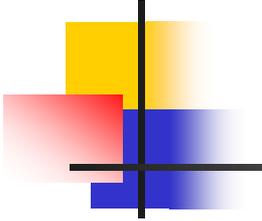
Fundamentals

“Engineering Drawing Practices”

Contents

Block A. Name and address of the company or design activity whose CAGE Code and drawing number appear in those blocks. (Optional for continuation sheets except when a CAGE Code is not used)

DEPARTMENT OF RUM MAKING BILLY JEAN'S WASHINGTON, DC 20362			
<h1>PLATE, BOTTOM</h1>			
SIZE F	CAGE CODE *****	DWG NO. 7251310	
SCALE 1/1		UNIT WT	SH 1 OF 2



Fundamentals

“Engineering Drawing Practices”

Contents

Block B. Drawing Title (This block is optional for continuation sheets.)

DEPARTMENT OF RUM MAKING BILLY JEAN'S WASHINGTON, DC 20362			
<h2>PLATE, BOTTOM</h2>			
SIZE	CAGE CODE	DWG NO.	
F	*****	7251310	
SCALE		UNIT WT	SH 1 OF 2
1/1			



Fundamentals

“Engineering Drawing Practices”

Contents

Block C. Drawing Number.

DEPARTMENT OF RUMMAKING BILLY JEAN'S WASHINGTON, DC 20362			
PLATE, BOTTOM			
SIZE F	CAGE CODE *****	DWG NO. 7251310	
SCALE 1/1	UNIT WT	SH 1 OF 2	



Fundamentals
"Engineering Drawing Practices"

Contents

Block D. Sheet Revision Block.
 This block may be omitted when revision history block is included on the sheet. (Revision history block may be included on continuation sheets.)

SHEET	REVISIONS			
	LTR	DESCRIPTION	DATE	APPROVED
REVISION STATUS	02	CN E043209	02-9-11	GAR

DEPARTMENT OF RUM MAKING BILLY JEAN'S WASHINGTON, DC 20362			
PLATE, BOTTOM			
SIZE F	CAGE CODE *****	DWG NO. 7251310	REV 02
SCALE 1/1	UNIT WT	SH 1 OF 2	

2

1

F

E

B

A

2

1

7

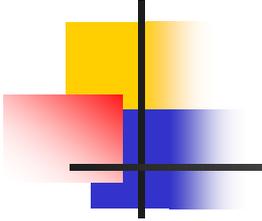
Fundamentals

“Engineering Drawing Practices”

Contents

Block E. Information relative to the preparation of the drawing such as names and dates of the drafter, checker, engineer, approving functions, issue dates, and contract number are included in this block.

Bobby Jo's Distilled Run (Location City/State) (CAGE CODE)		DEPARTMENT OF RUM MAKING Billy Jean's WASHINGTON, DC 20362		
CONTR NO. N00024-01-C-****		PLATE, BOTTOM		
DWN	MFG			
CHK	QA			
APVD				
ACPT BY NAVSEA				
APVD BY NAVSEA		SIZE F	CAGE CODE *****	DWG NO. 7251310
		SCALE 1/1	UNIT WT	SH 1 OF 2



Fundamentals

“Engineering Drawing Practices”

Contents

Block H. Predominate scale of the drawing sheet. Enter “NONE” when no scale is used. Each sheet may have a different predominant scale.

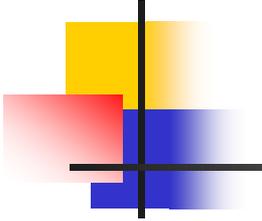
DEPARTMENT OF RUM MAKING BILLY JEAN'S WASHINGTON, DC 20362			
PLATE, BOTTOM			
SIZE F	CAGE CODE *****	DWG NO. 7251310	
SCALE 1/1		UNIT WT	SH 1 OF 2

SCALE (ASME Y14.100M)

Scale expresses the ratio of the size of the object as drawn to its full size.

a. **Selection of Scale.** Drawings should show an object or assembly to full scale. When full scale is not practicable, drawings may be prepared to reduced or enlarged scale. **It is desirable**, whenever practicable, that detail drawings be prepared to the same scale as pertinent assembly drawings.

b. **Drawings not to Scale.** In the case of diagrams, pictorials, cable assemblies, tabulated and other drawings not prepared to any scale, the word “NONE” shall be entered after “SCALE” in the space provided on the drawing format.



Fundamentals

“Engineering Drawing Practices”

Contents

Block I. CAGE Code when required for identification of the design activity whose drawing number is used.

DEPARTMENT OF RUM MAKING BILLY JEAN’S WASHINGTON, DC 20362			
PLATE, BOTTOM			
SIZE F	CAGE CODE *****	DWG NO. 7251310	
SCALE 1/1	UNIT WT	SH 1 OF 2	

Fundamentals

“Engineering Drawing Practices”

Contents

Block J. Drawing size designation.

TABLE 1 FLAT SIZES

Size Designation	Vertical	Recommended Zone		Horizontal	Recommended Zone		Margin		Recommended Microfilm Reduction
		Number	Size		Number	Size	Horiz	Vert	
A (Horiz)	8.50	2	4.25	11.00	2	5.50	.38	.25	16X
A (Vert)	11.00	2	5.50	8.50	2	4.25	.25	.38	16X
B	11.00	2	5.50	17.00	4	4.25	.38	.62	16X
C	17.00	4	1.25	22.00	4	5.50	.75	.50	16X
D	22.00	4	5.50	34.00	8	1.25	.50	1.00	24X
E	34.00	8	4.25	44.00	8	5.50	1.00	.50	30X
F	28.00	6	4.67	40.00	8	5.50	.50	.50	30X

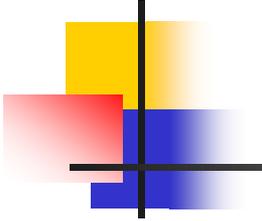
Fundamentals

“Engineering Drawing Practices”

Contents

Block K. Actual or estimated weight of the item when required. This block is shown on sheet one only.

DEPARTMENT OF RUM MAKING BILLY JEAN'S WASHINGTON, DC 20362		
<h1>PLATE, BOTTOM</h1>		
SIZE F	CAGE CODE *****	DWG NO. 7251310
SCALE 1/1	UNIT WT	SH 1 OF 2



Fundamentals

“Engineering Drawing Practices”

Contents

Block L. Sheet number for multiple sheet drawings shall be entered in the sheet number blocks. The total number of sheets shall be shown on sheet one. (On computer-generated drawings the first or last sheet shall indicate the total number of sheets.)

DEPARTMENT OF RUM MAKING BILLY JEAN'S WASHINGTON, DC 20362		
PLATE, BOTTOM		
SIZE F	CAGE CODE *****	DWG NO. 7251310
SCALE 1/1	UNIT WT	SH 1 OF 2



Fundamentals

“Engineering Drawing Practices”

Contents

Additional Data Blocks. Blocks containing various types of additional data, when required, shall be added adjacent to the title block and in the same respective location on all drawings.

		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES TOLERANCES ON	Bobby Jo's Distilled Run (Location City/State) (CAGE CODE)		DEPARTMENT OF RUM MAKING BILLY JEAN'S WASHINGTON, DC 20362					
		DECIMALS DECIMALS ANGLES .XX ± .03 .XXX ± .015 ± -			<h1>PLATE, BOTTOM</h1>					
		DO NOT SCALE THIS PRINT	CONTR NO. N00024-01-C-****							
		MATL	DWN	MFG						
		AL ALLOY ASTM B209 AA 5052 TEMPER H32 OR H22 ALTN: QQ-A-450/8, TEMPER H32 OR H22 UNS A95052	CHK	QA						
			APVD		SIZE	CAGE CODE	DWG NO.			
			ACPT BY NAVSEA		F	*****	7251310			
7250242	TASTE		APVD BY NAVSEA		SCALE	UNIT WT	SH 1 OF 2			
NEXT ASSY	USED ON				1/1					
APPLICATION										