

D

C

B

A

D

C

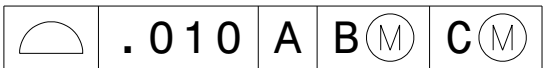
B

A

NOTES: UNLESS OTHERWISE SPECIFIED

1. THIS DRAWING SHALL BE INTERPRETED IAW ASME Y14.100-2017 AND ASME Y14.41-2012. ALL DIMENSIONS DERIVED FROM DATASET SHALL BE INTERPRETED AS US CUSTOMERY NOTATION.
2. DATASET PIN D2244102 SHALL COMPRISE OF THIS DRAWING, ASSOCIATED LISTS, AND MODEL(S) D2244102-1_1.STP, MODELED AT MEAN SIZE. BASIC DIMENSIONS NOT DISPLAYED HEREIN AND NECESSARY TO SPECIFIED TOLERANCES SHALL BE OBTAINED BY QUERYING THE MODEL(S). QUERIED DIMENSIONS SHALL BE ROUNDED TO THREE DECIMAL PLACES.
3. THE GEOMETRIC TOLERANCE OF FEATURES UNSPECIFIED IN THE DRAWING FIELD ARE AS FOLLOWS:

A. SURFACES:



B. HOLES:



4. INSPECTION REQUIREMENTS:

A. USE THIS DRAWING AND ITS ASSOCIATED MODEL(S) TO INSPECT PART.

B. MINIMUM INSPECTION REQUIREMENTS:

1. ALL DIMENSIONS AND TOLERANCES SHOWN ON THIS DRAWING.

2. QUALITY OF FINISH IAW APPLICABLE FINISH SPECIFICATION.

3. ALL TAPPED HOLES SHALL BE GAUGED PRIOR TO INSERT INSTALLATION.

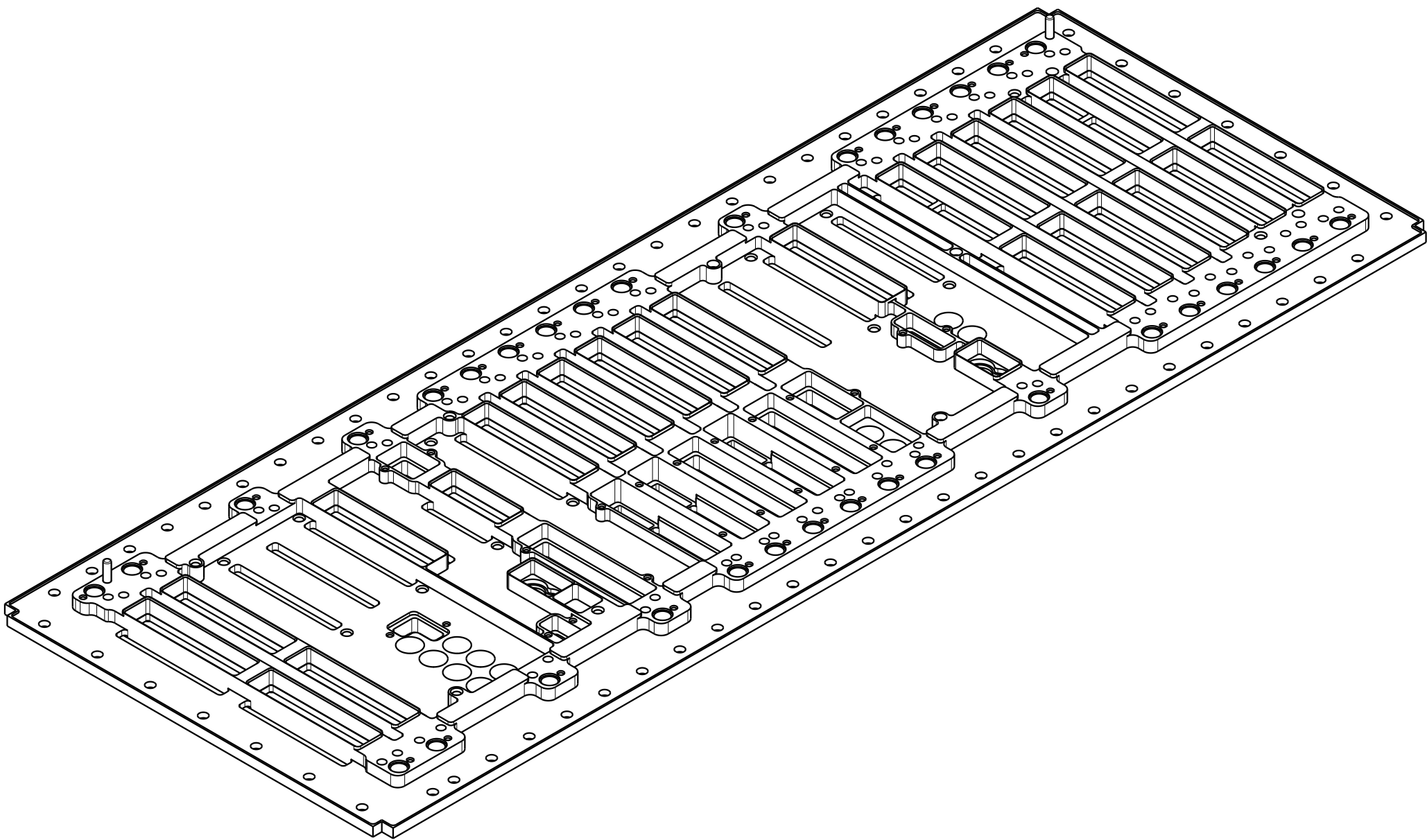
4. AFTER FINISH, ALL BLIND TAPPED HOLES SHALL BE INSPECTED FOR DEBRIS.

C. INSPECTION CONDITION: PART SHALL BE CONSTRAINED ALONG DATUM A.
5. MATERIAL: SEE SEPARATE PARTS LIST.

- 6 FINISH: ALL SURFACES SHALL BE FINISHED WITH CHEMICAL CONVERSION COAT IAW MIL-DTL-5541, CLASS 3, COLOR YELLOW PREFERRED BUT NOT A BASIS FOR REJECTION.
- 7 MARK PART AND DASH NUMBER IAW MIL-STD-130 USING INK, FN 601. LOCATE APPROXIMATELY WHERE SHOWN.
- 8 INSERTS SHALL BE INSTALLED AFTER FINISH AND IAW NASM33537.
- 9 INSTALL PIN, FN 500, IAW ANSI B4.1 CLASS FN 2.
- 10 MARK IN .063 MIN HIGH CHARACTERS WITH INK, FN 601. LOCATE APPROXIMATELY WHERE SHOWN.

NORTHROP GRUMMAN PROPRIETARY LEVEL I

UNSPECIFIED FEATURE CONTROL		
FEATURE TYPE	TOLERANCE	MODEL CONDITION
FILLET RADII	±.010	MODELED AT NOMINAL
BREAK SHARP EDGES	.005 - .010	MODELED AS SHARP
COUNTERSINK INCLUDED ANGLES	±1°	MODELED AT NOMINAL
DEPTH OF BLIND HOLES AND COUNTERBORES	±.010	MODELED AT NOMINAL
CHAMFERS	±.010 X ±5° (±1°)	MODELED AT NOMINAL
INTERNAL THREADS	IAW SAE AS8879	MODELED AT TAP DRILL DIAMETER



- 1
VIEWS FOR REFERENCE ONLY

SEE SEPARATE PARTS LIST

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DWG NO		D2244102	SH	1			1
REVISION HISTORY							
REV	DESCRIPTION				DATE	APPROVED	
1	ENGINEERING DEVELOPMENT				MB 20190806	ON FILE	
2	CHANGED REF DES MARKINGS ON SH 2 PER NOTE 10.				20200127	ON FILE	

PROTOTYPE RELEASE ONLY
UNCONTROLLED COPY

USER MUST VERIFY CURRENT
REVISION PRIOR TO USE

				- 1	DAI	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL	SPEC	REF DES	FIND NO
QTY REQD PER ASSY				PARTS LIST							
				UNLESS OTHERWISE SPECIFIED				DO NOT SCALE DRAWING CONTRACT NO.			
				1. DIMENSIONS ARE IN INCHES. .125✓ 2. SURFACE TEXTURE SHALL BE 3. DIMENSIONS APPLY AFTER PLATING OR FINISH. 4. REMOVE BURRS AND SHARP EDGES. 5. PARENTHEetical DATA IS FOR REFERENCE ONLY. 6. ALL SHEETS ARE THE SAME REVISION STATUS.							
				TOLERANCES ON ALL HOLE DIAMETERS				ORIG M. BOSNJAK 20190314			
				UNDER .0140 +.0020 -.0005 .501 THRU .750 +.008 -.001				CHECKER			
				.014 THRU .125 +.004 -.001 .751 THRU 1.000 +.010 -.001				RDE			
				.126 THRU .250 +.005 -.001 1.001 THRU 2.000 +.012 -.001				MFG			
				.251 THRU .500 +.006 -.001 OVER 2.000 +.014 -.001				QA			
				ON DECIMAL DIMENSIONS:				PCMO			
				.XXX ± .010 .XX ± .03 .X ± .1				EDMC			
AMCTR				900285							
USED ON				CI NO. NEXT ASSY							
APPLICATION				FINISH 6				HEAT TREAT			
								THIRD ANGLE PROJECTION			
								SIGNATURES ON FILE			
								NORTHROP GRUMMAN			
								15120 INNOVATION DRIVE, SAN DIEGO, CA 92128			
								TITLE			
								PLATE, INTERFACE, 3A BACKPLANE			
								SIZE DAI			
								D 65409			
								DWG NO			
								D2244102			
								REV			
								2			
								SCALE NONE			
								SHEET 1 OF 7			

8

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3

DWG NO D2244102

SH 3

1

NORTHROP GRUMMAN PROPRIETARY LEVEL I

A
5
SH 6

SEE DETAIL R

53 PL 10

B
3
SH 5

SEE DETAIL E

SEE DETAIL L

8X 4.595

3X 2.425

14X 1.975

SEE DETAIL C

A
7
SH 5

2X .191

2X .609

3.809

5.409

7.009

7.809

8.609

9.409

10.209

11.009

13.559

3X 15.809

2X 16.609

2X 17.409

2X 18.209

3X 19.009

2X 19.809

SECTION A-A

B
1
SH 2B HOLE
NS 8 502
⊕ ∅.010 A D

.240

∅.3125 +.0006/- .0000
▽.033±.002

⊕ .004 A B C

D

⊕ ∅.010 A B C

DETAIL B

SCALE: 4/1
34 PLD
7
SH 2∅.094▽.053
DOVE TAIL SLOT
START HOLE

DETAIL L

SCALE: 10/1

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SCALE 1 / 1		SHEET 3	

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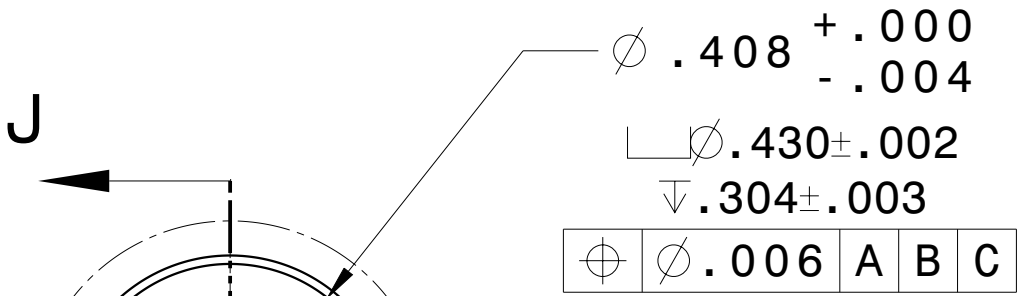
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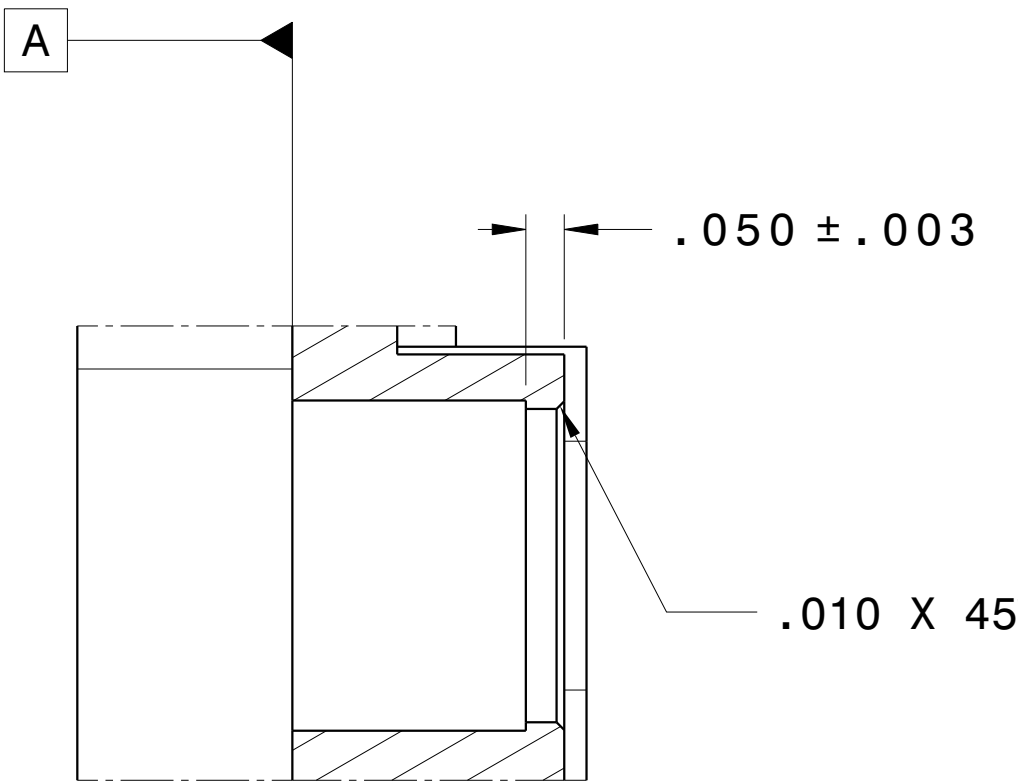
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1

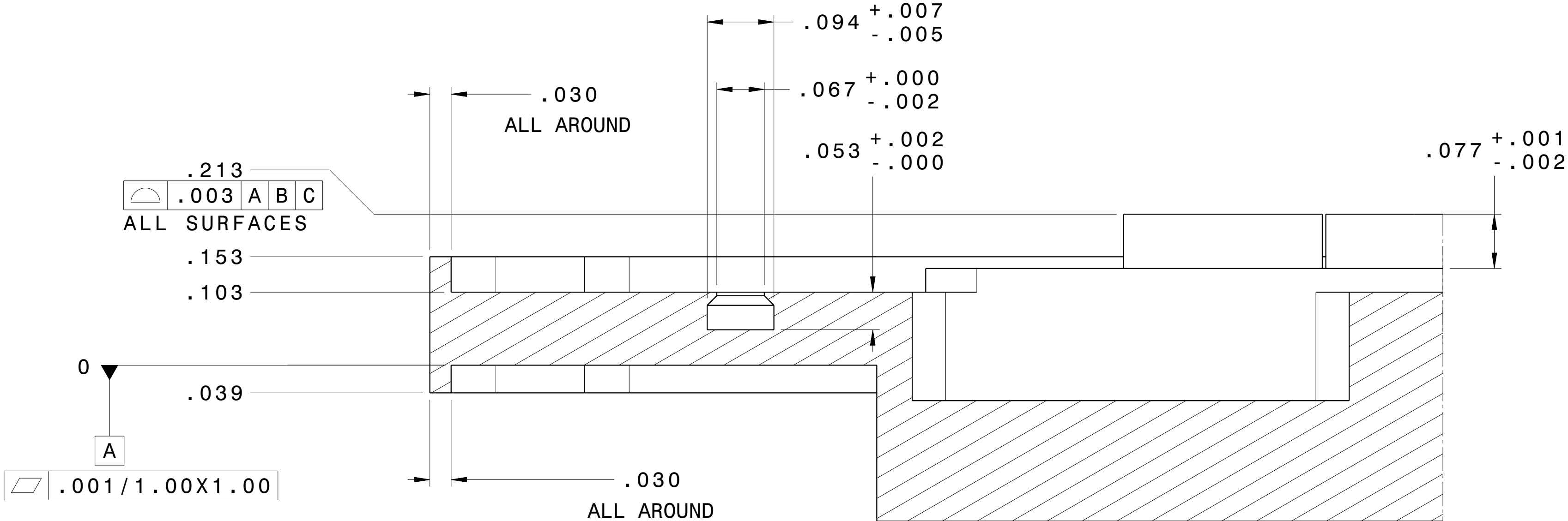
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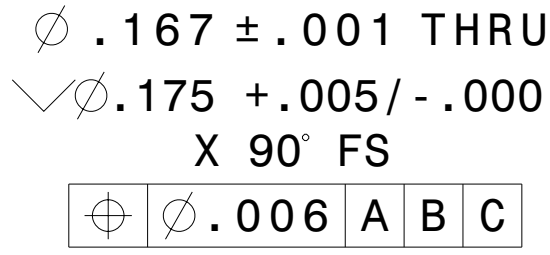
DETAIL H
SCALE: 4/1
TYP BZ MTG HOLE
11 PL
SH 2



SECTION J-J
SCALE: 4/1

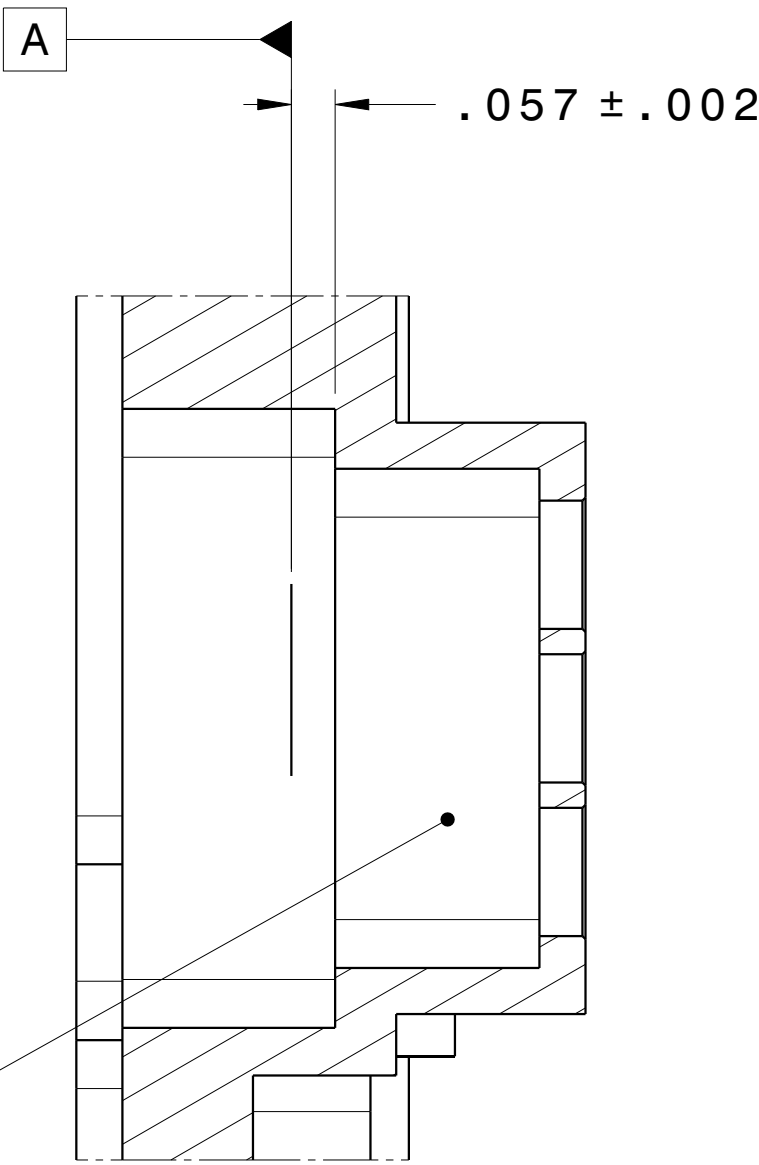


SECTION G-G
SCALE: 8/1
SH 2



DETAIL K
SCALE: 4/1
TYP RF MTG
11 PL
SH 2

5022 REQD NS
B HOLE
8



SECTION P-P
SCALE: 4/1

NORTHROP GRUMMAN PROPRIETARY LEVEL I

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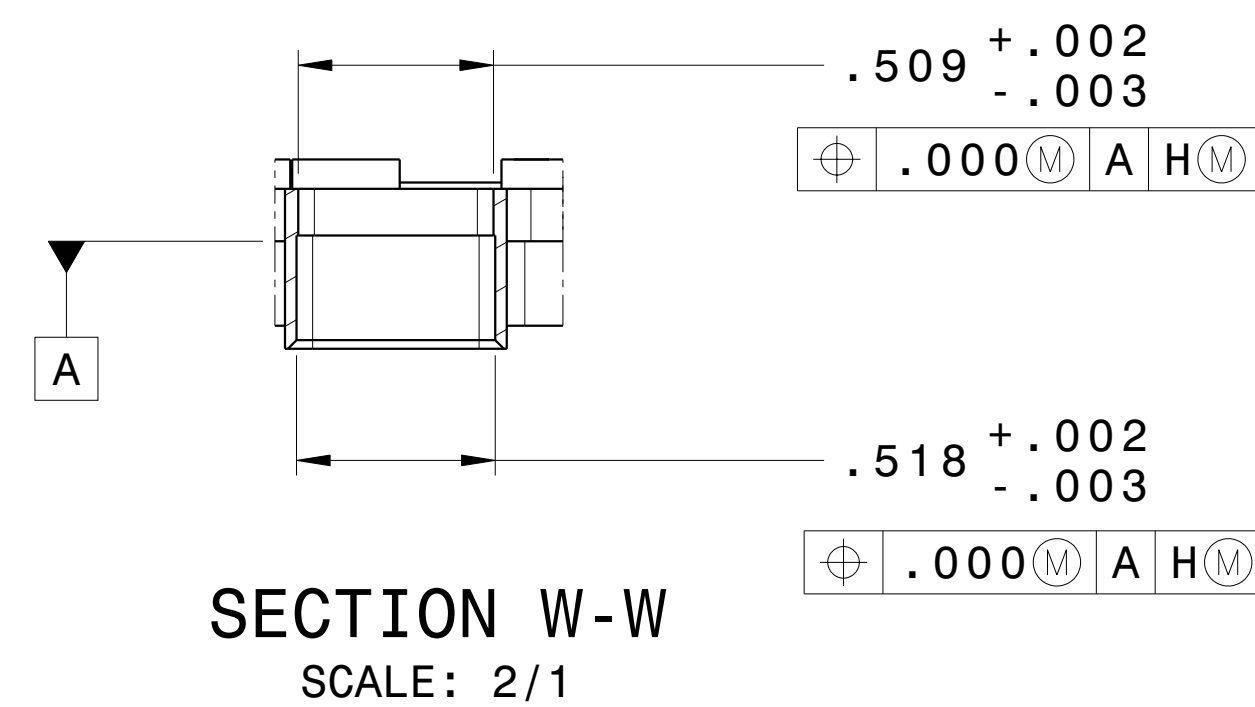
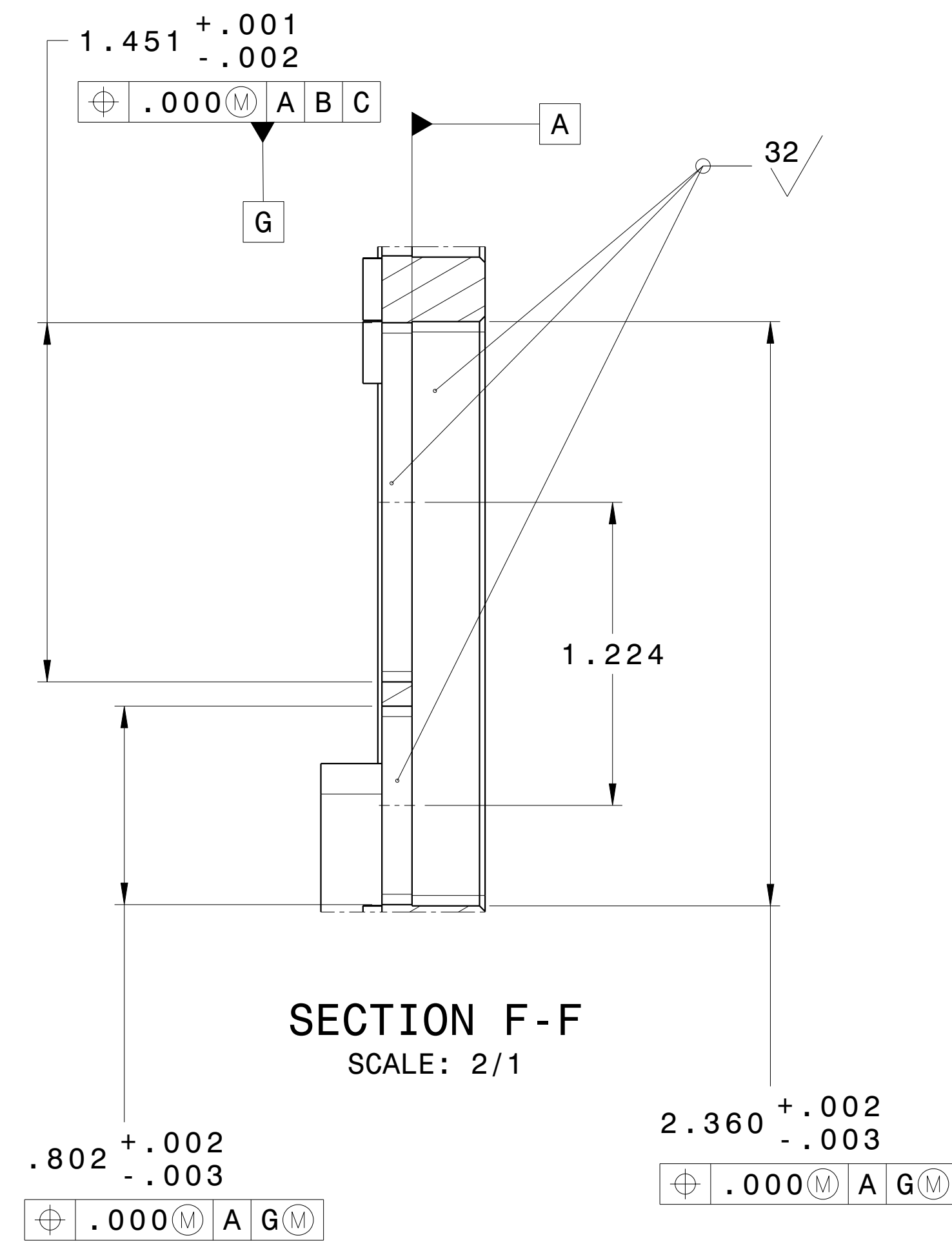
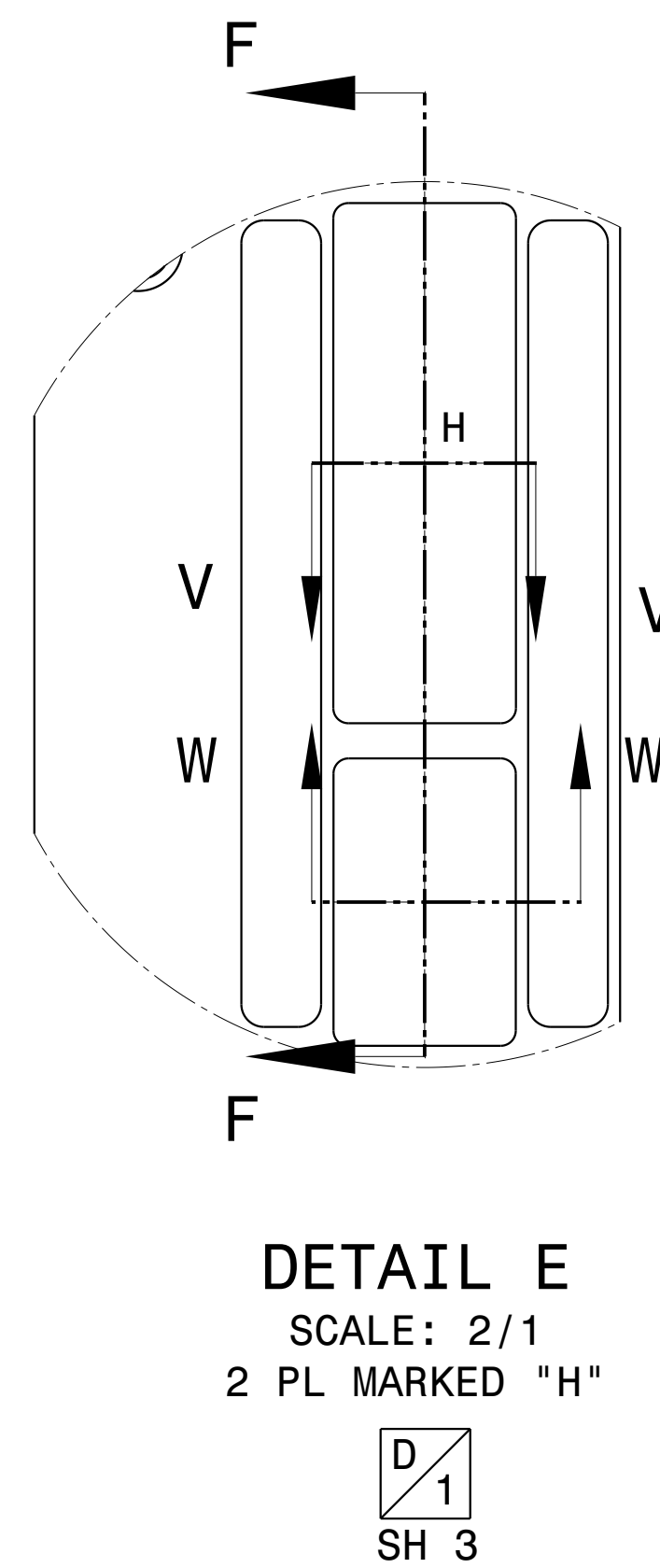
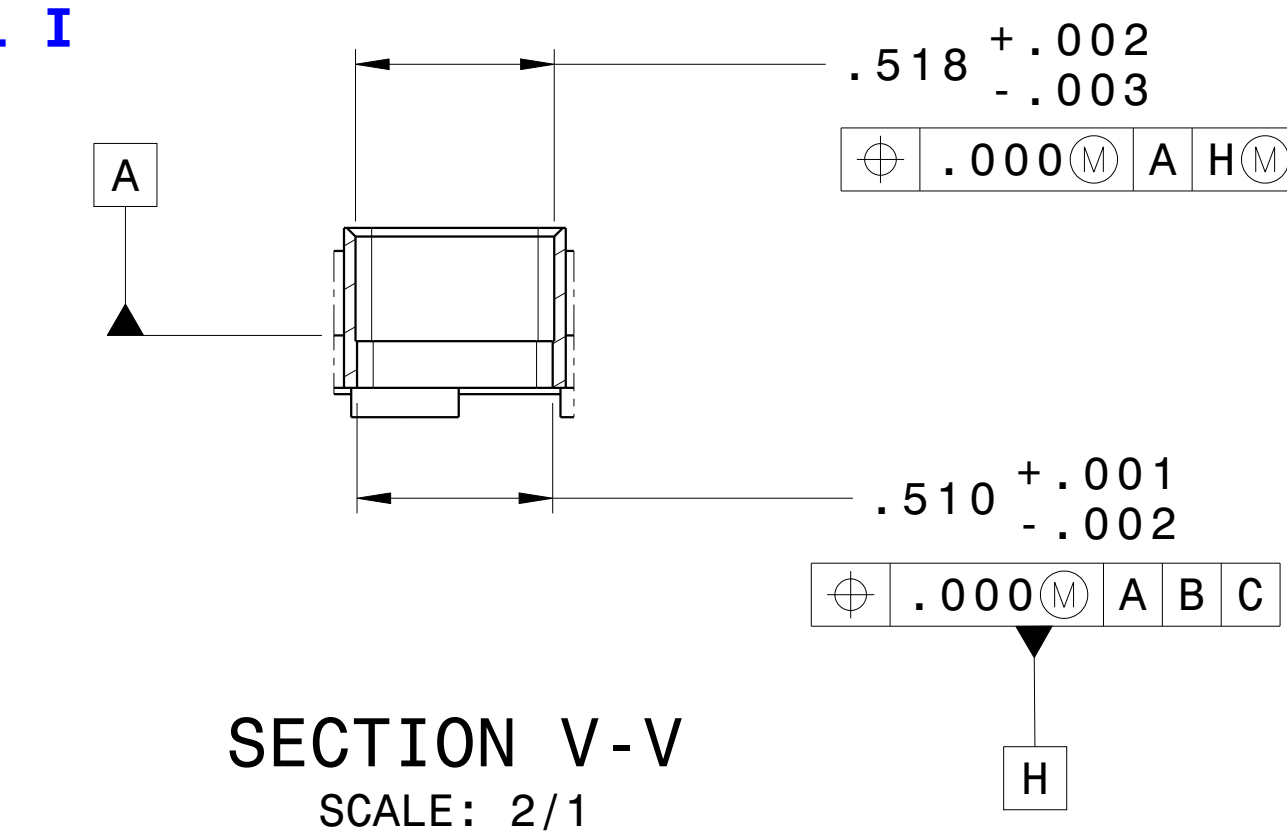
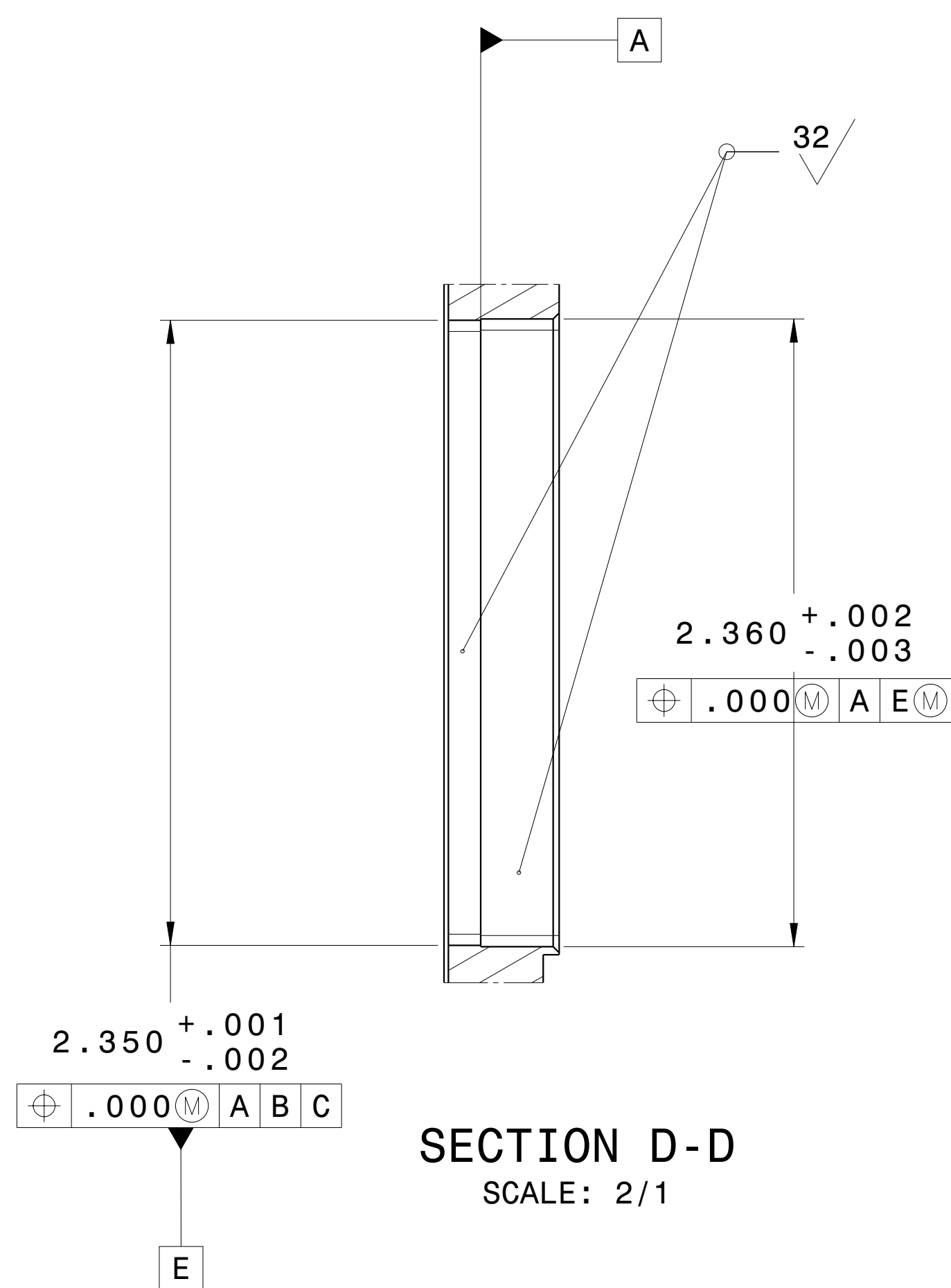
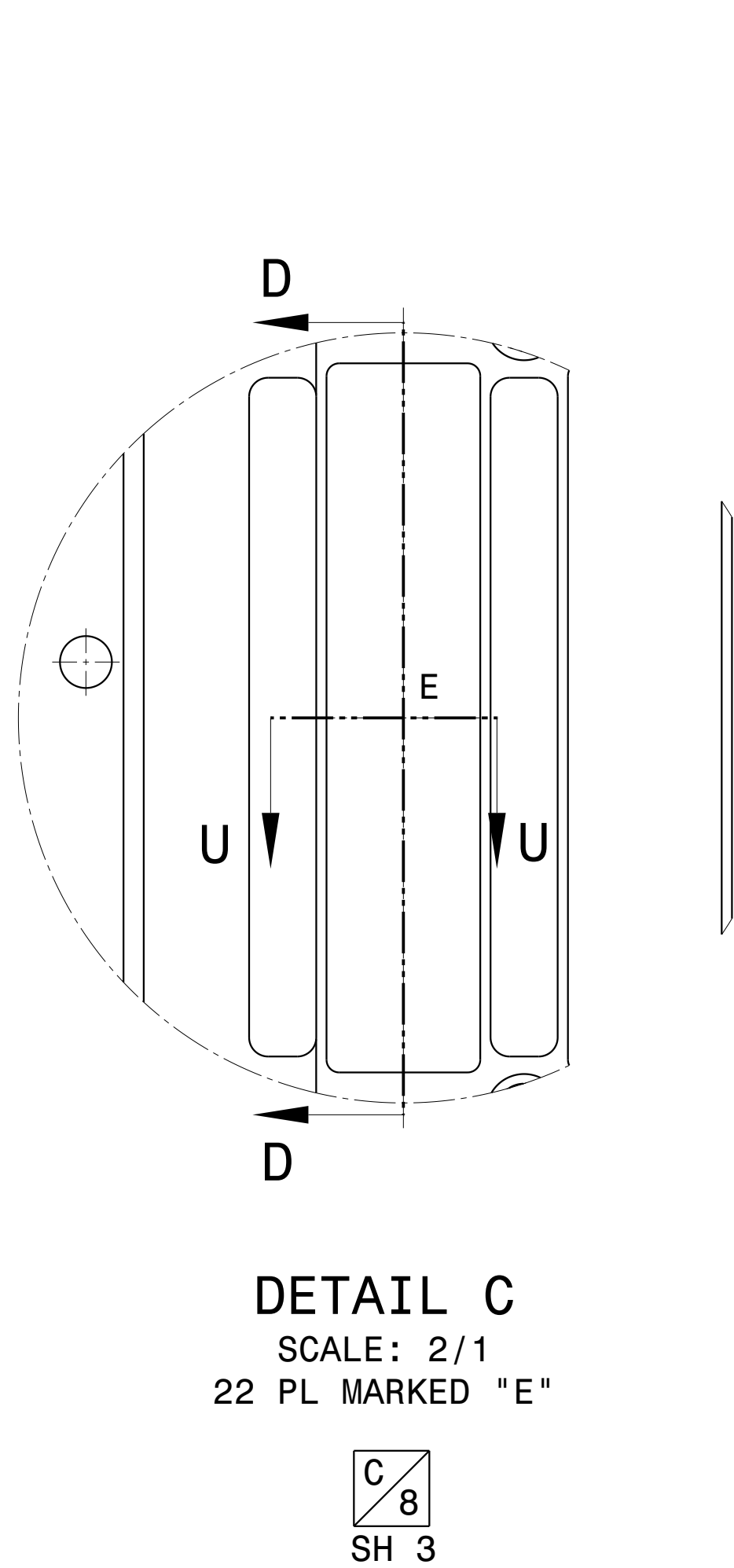
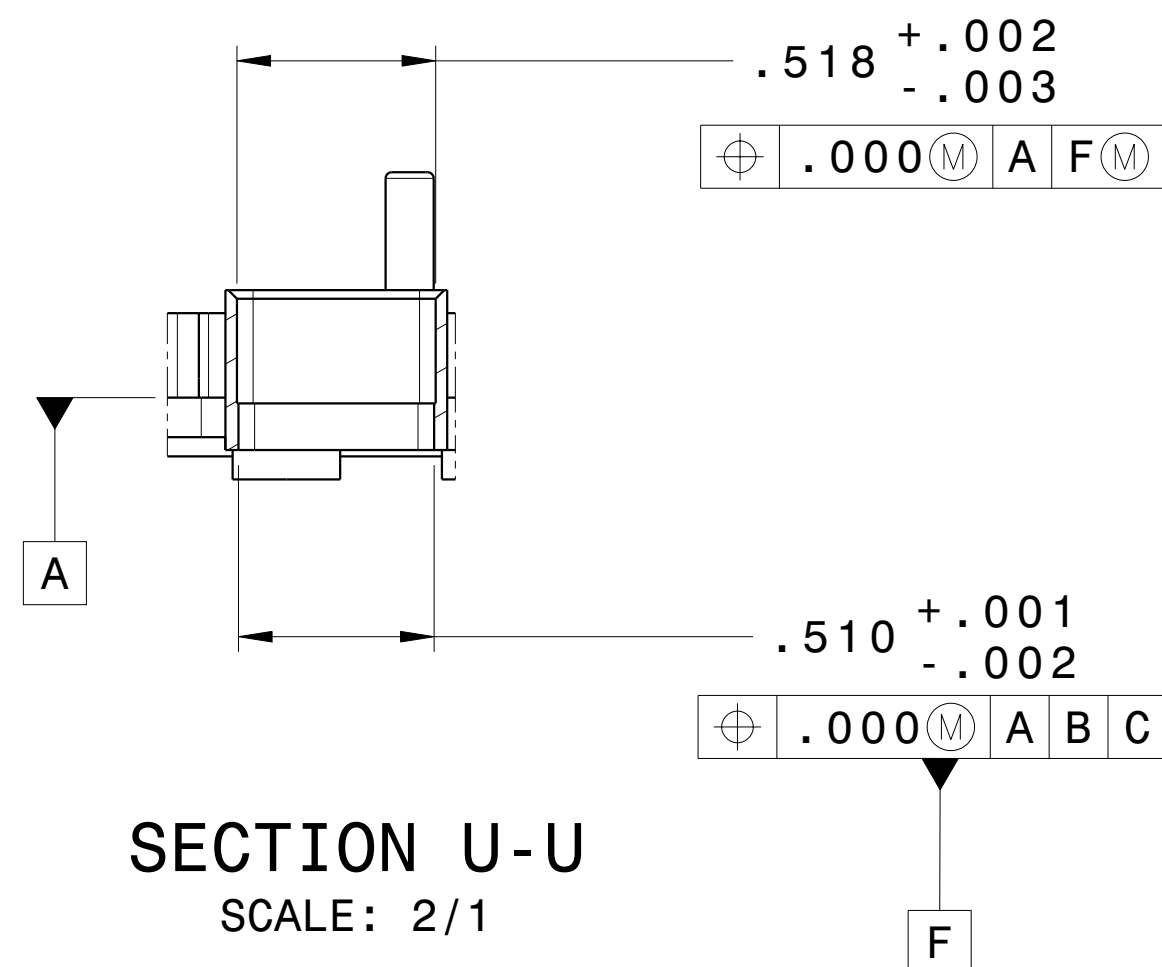
3

DWG NO D2244102

SH 5

1

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SCALE	2 / 1	SHEET	5

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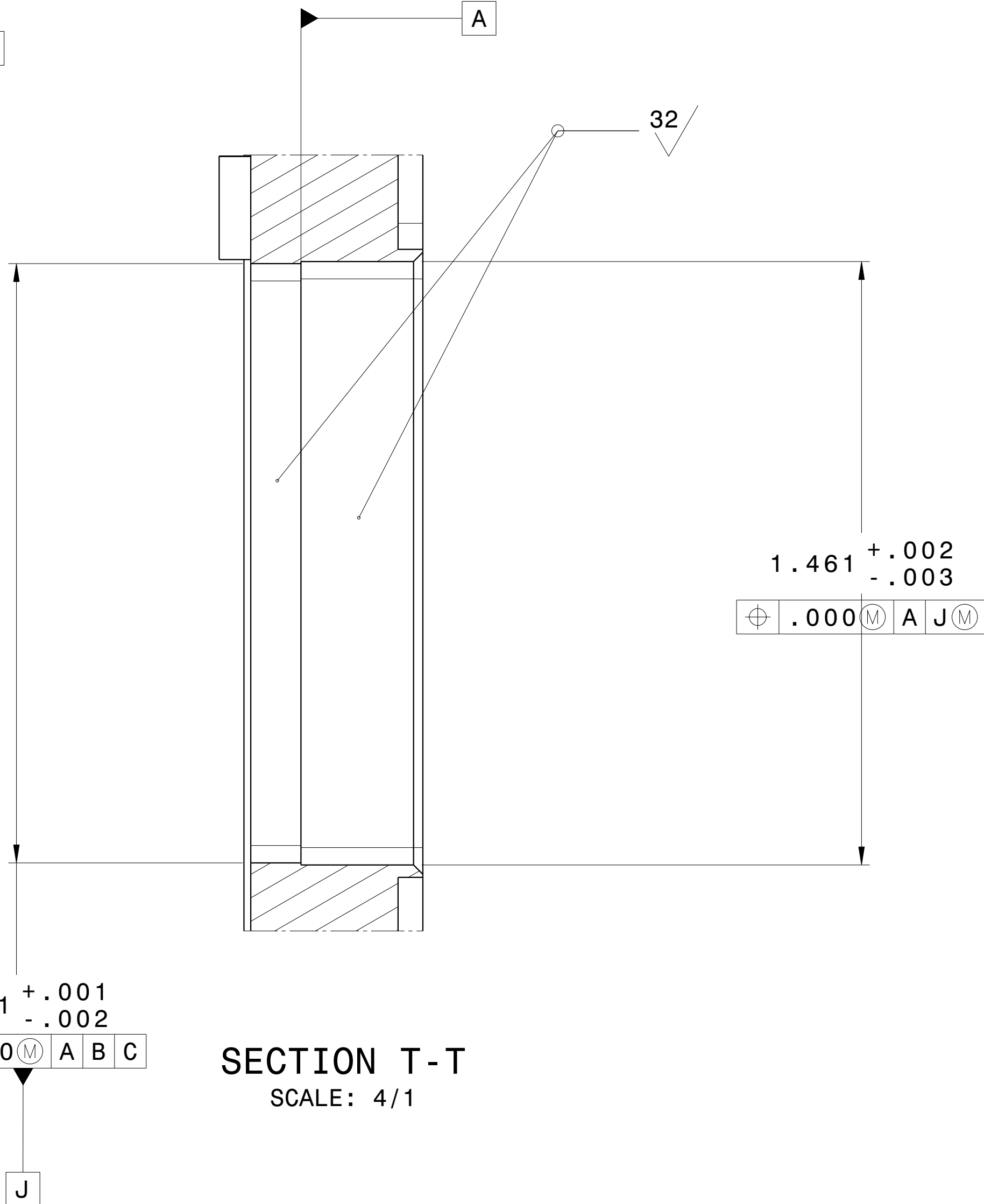
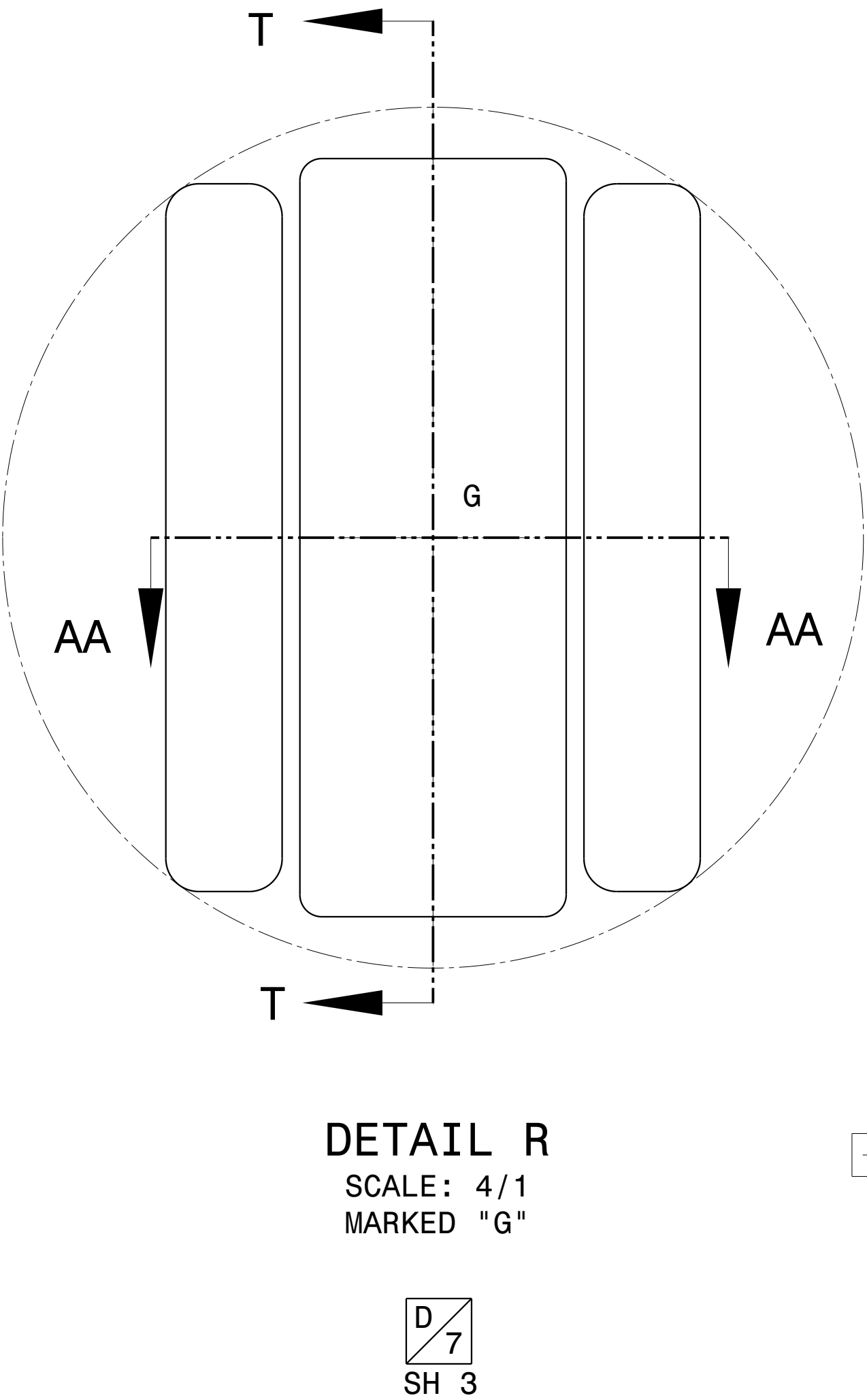
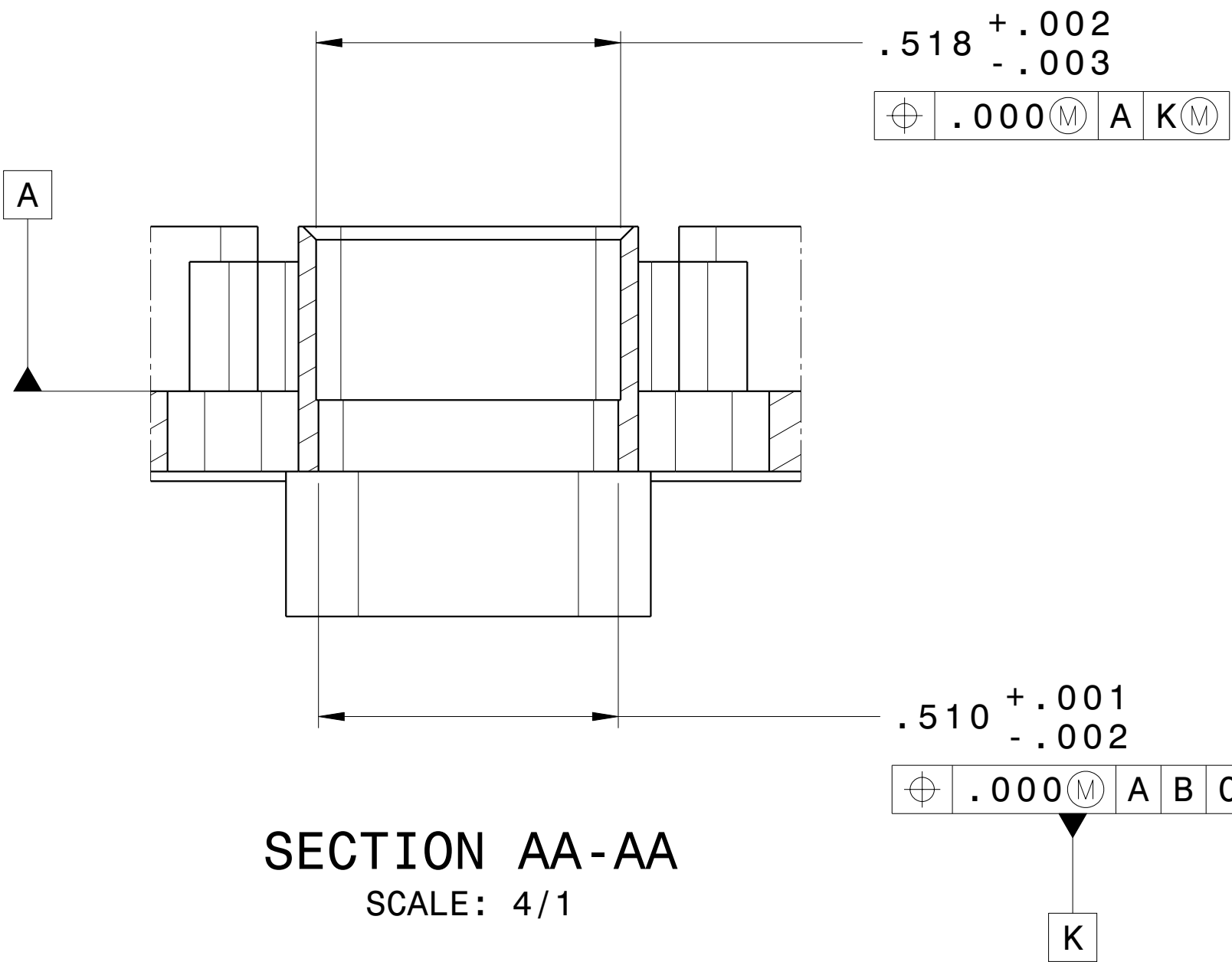
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DWG NO
D2244102

SH 6

1

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SIZE	DAI	DWG NO	REV
D	65409	D2244102	2
SCALE	4 / 1	SHEET 6	

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8

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DWG NO
D2244102

SH 7

1

NORTHROP GRUMMAN PROPRIETARY LEVEL I

2X R .032 \pm .005 $.030 \pm .002$ OFFSET
ALL AROUND $.095$

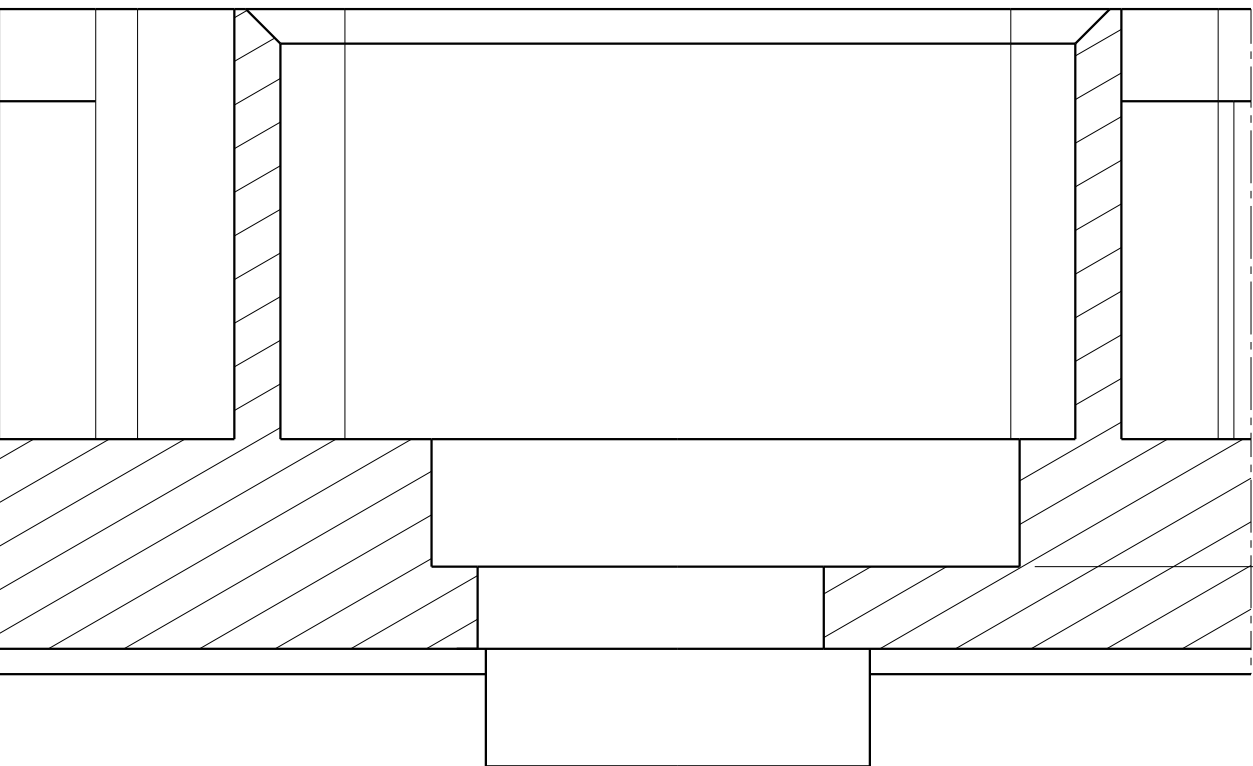
Y

Y

 $.025$ $.175$ $.350$ $.050$ 2X R .010 $\begin{smallmatrix} +.000 \\ -.010 \end{smallmatrix}$ 2X \varnothing .385 $.073$

R .085

DETAIL M

SCALE: 8/1
2 PL $\frac{1}{2}$.002
ALL AROUND $\frac{D}{3}$
SH 2

A

 $.083 \pm .003$

SECTION Y-Y

SCALE: 8/1

D

D

C

C

B

B

A

A

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NORTHROP GRUMMAN PROPRIETARY LEVEL I

SIZE	DAI	DWG NO	REV
D	65409	D2244102	2
SCALE	8 / 1	SHEET 7	

8

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2

1