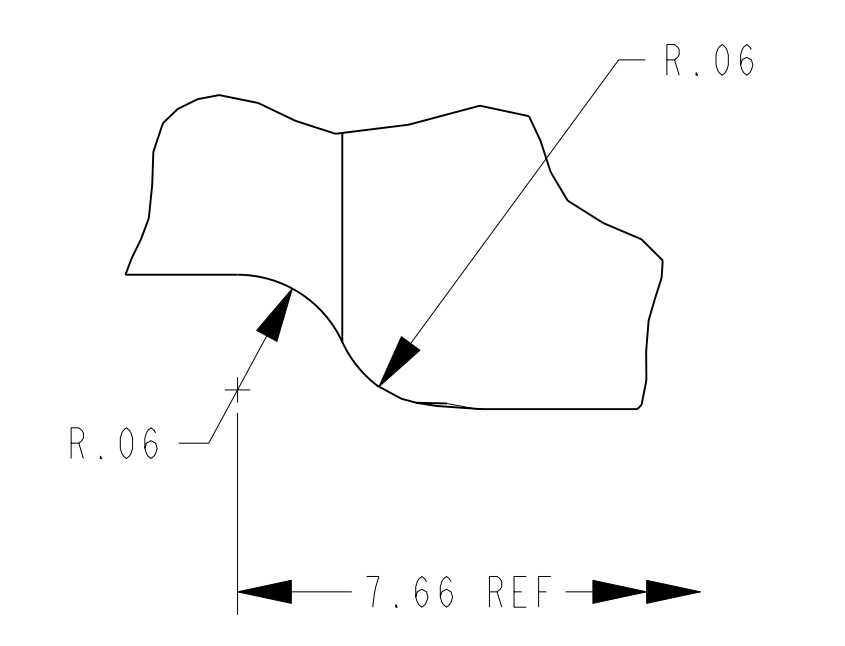
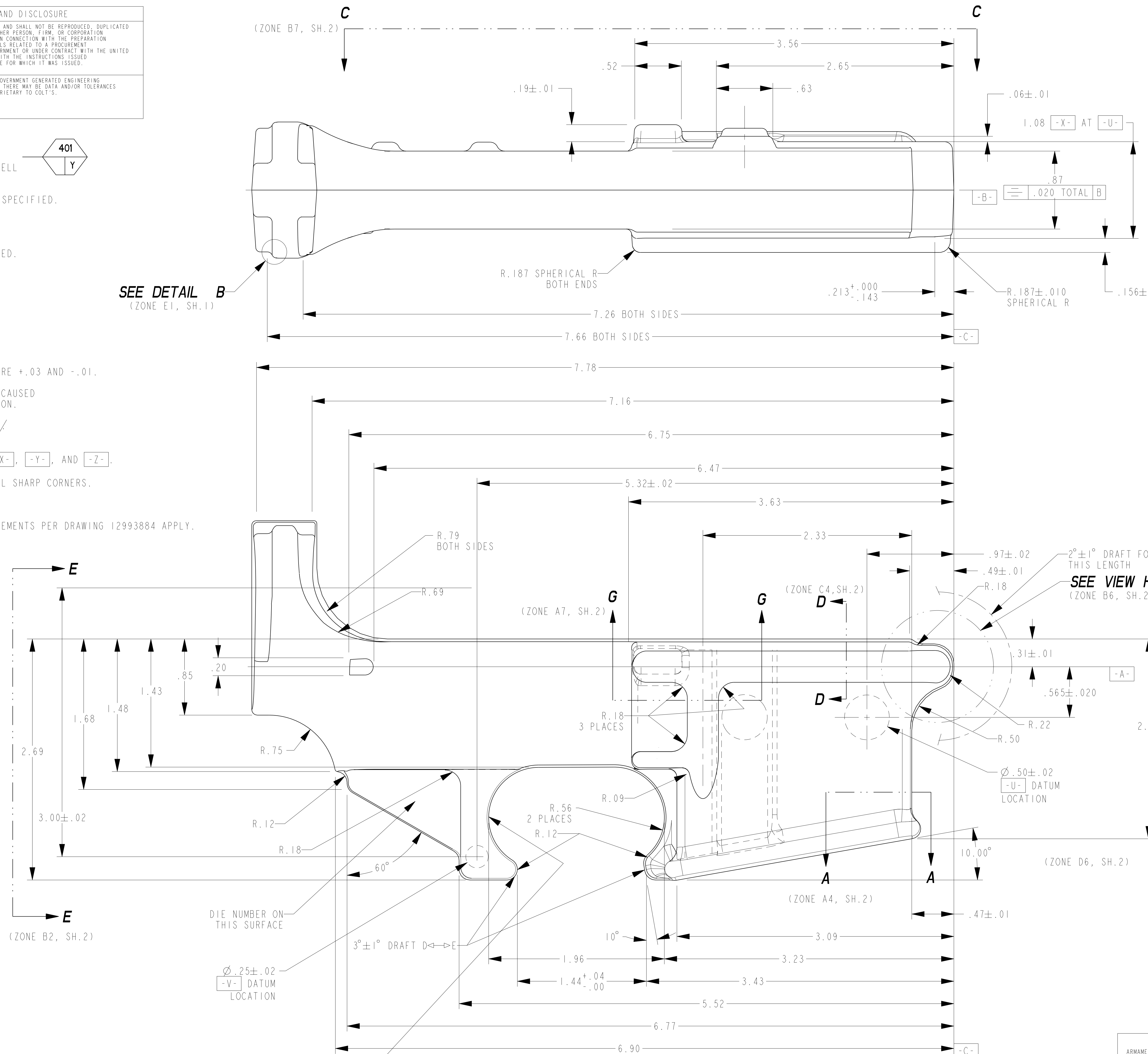
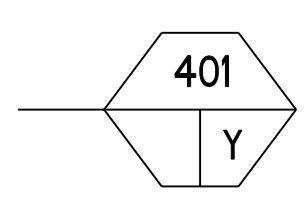


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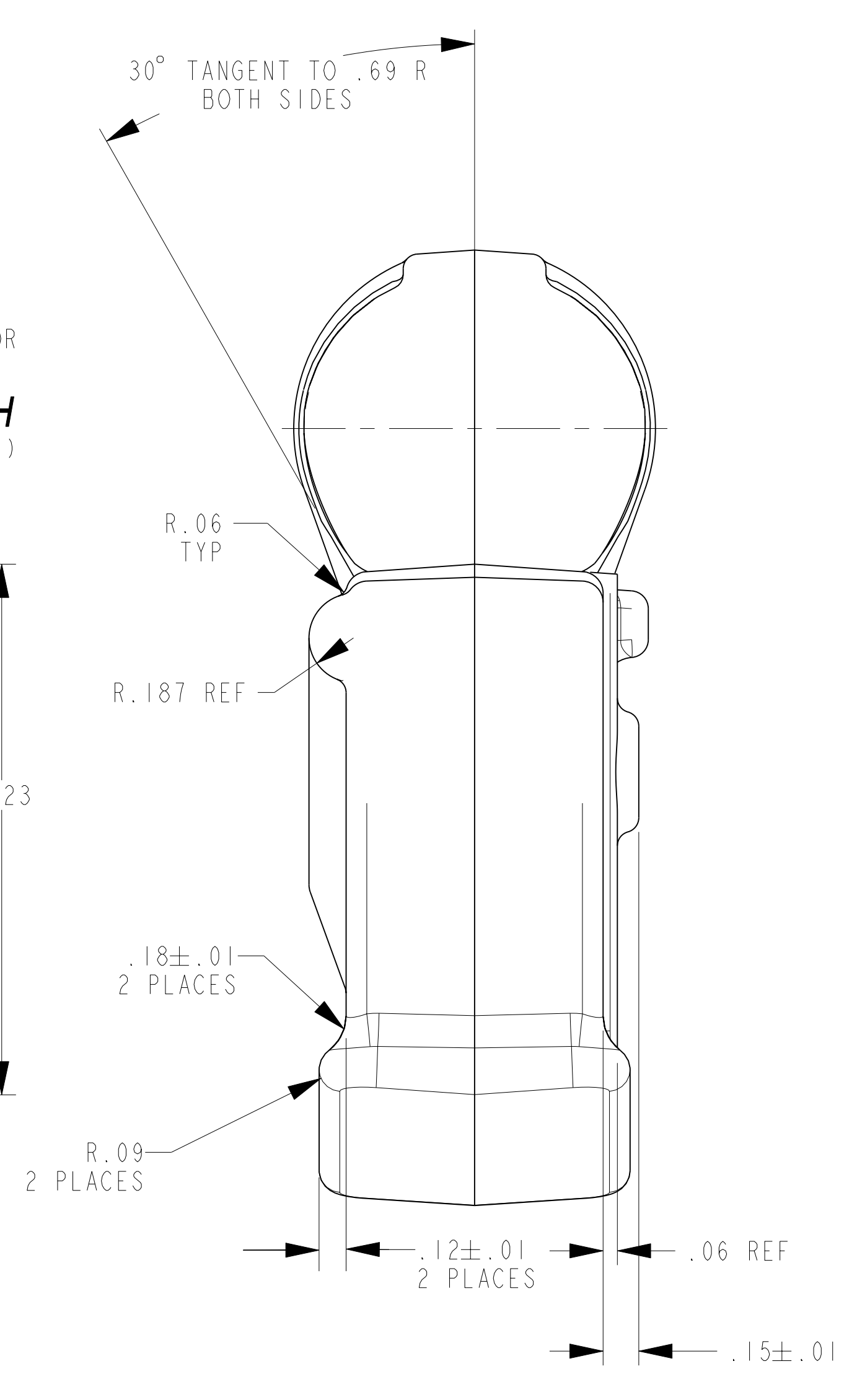
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NOTES
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- NOTES**
- ALUMINUM ALLOY, 7075, FORGE PER AMS-QQ-A-367 TO COND'TN T6, MIN BRINELL HARDNESS 135 WITH 500 KG LOAD.
 - DRAFT ANGLE $4^\circ \pm 2^\circ$ UNLESS OTHERWISE SPECIFIED.
 - EDGE RADII R.062^{+.020}/_{-.010}
 - FILLET RADII R.08-.03 EXCEPT AS NOTED.
 - FLASH EXT 0.03 MAX.
 - ANGULAR $\pm 0^\circ 30'$.
 - MISMATCH 0.02 MAX.
 - ALL RADII TOLERANCE TO BE $^{+.020}$ /_{-.010}.
 - ALL LINEAR DIMENSIONAL TOLERANCES ARE $^{+.03}$ AND $^{-.01}$.
 - FORGING MUST BE FREE OF BLEMISHES CAUSED BY ROUGH HANDLING DURING FABRICATION.
 - FORGED SURFACE ROUGHNESS TO BE 125/
 - PLANE **-B-** ESTABLISHED BY ϕ OF **-X-**, **-Y-**, AND **-Z-**.
 - ALL DIMENSIONS APPLY TO THEORETICAL SHARP CORNERS.
 - MIL-W-13855 APPLIES.
 - QUALITY ASSURANCE PROVISION REQUIREMENTS PER DRAWING 12993884 APPLY.



REVISIONS				
MODEL REV	DRAWING REV	DESCRIPTION	DATE(YEAR-MO-DA)	APPROVED
N/A	L	NOR G1S2018 / 1991-07-08	1991-10-11	RR
N/A	M	NOR G1S3089 / 1991-07-16	1992-02-06	GHS
N/A	N	NOR G3S3059 / 1993-07-07	1993-09-01	RLV
N/A	P	NOR G3S3063 / 1993-07-15	1994-11-28	HJS
N/A	R	NOR L1S2102 / 2001-08-23	2001-09-26	RLV
-	T	NOR L2S3042 / 2002-08-05	2002-09-26	JJW
A	U	NOR L3S3161 / 2004-03-31	2004-08-13	RLV



REV STATUS OF SHEETS	REV	U	U
	SHEET	1	2

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CURRENT DESIGN ACTIVITY CAGE CODE 19200
 US ARMY
 ARMAMENT RESEARCH, DEVELOPMENT AND ENGINEERING CENTER
 PISCATAWAY ARSENAL, NEW JERSEY 07806-5000

PART NO. 8448641

PMIC	M231	DO NOT SCALE DRAWING UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES	CONTRACT NUMBER	DESIGN ACTIVITY
	M4A1			
MECHANICAL PROPERTIES	M4	TOLERANCES ON ANGLES \pm 2 PLACE DECIMALS \pm 3 PLACE DECIMALS \pm	CONTRACTOR	DRAWN BY D. NELSON-ESERV 1970-04-27
	8448608			
YP	F9327036	M16A3	ENGINEER	DATE (YEAR-MO-DA) 1970-04-27
TS		M16A2	ENGINEER	J. WINDHAM
EL2		M16A1	ENGINEER	E. SESE
RA			QUALITY ENGINEER	
BH	F8448608	M16A1	ENGINEER	
RH			ENGINEER	
	NEXT ASSY	USED ON	MATL ENGR	MODELED BY
			J. LOWDER-ESERV	R. ELBE
	APPLICATION			

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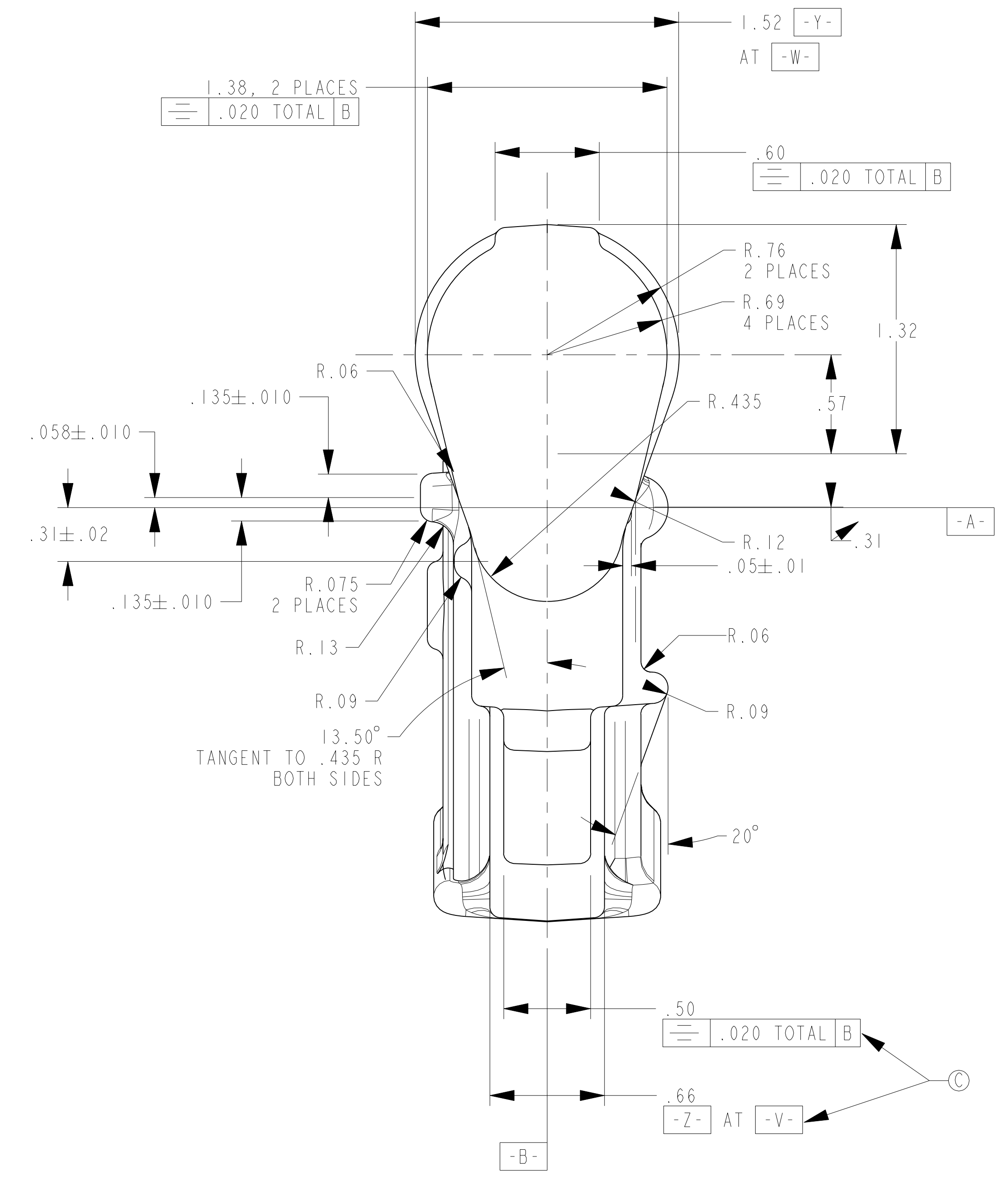
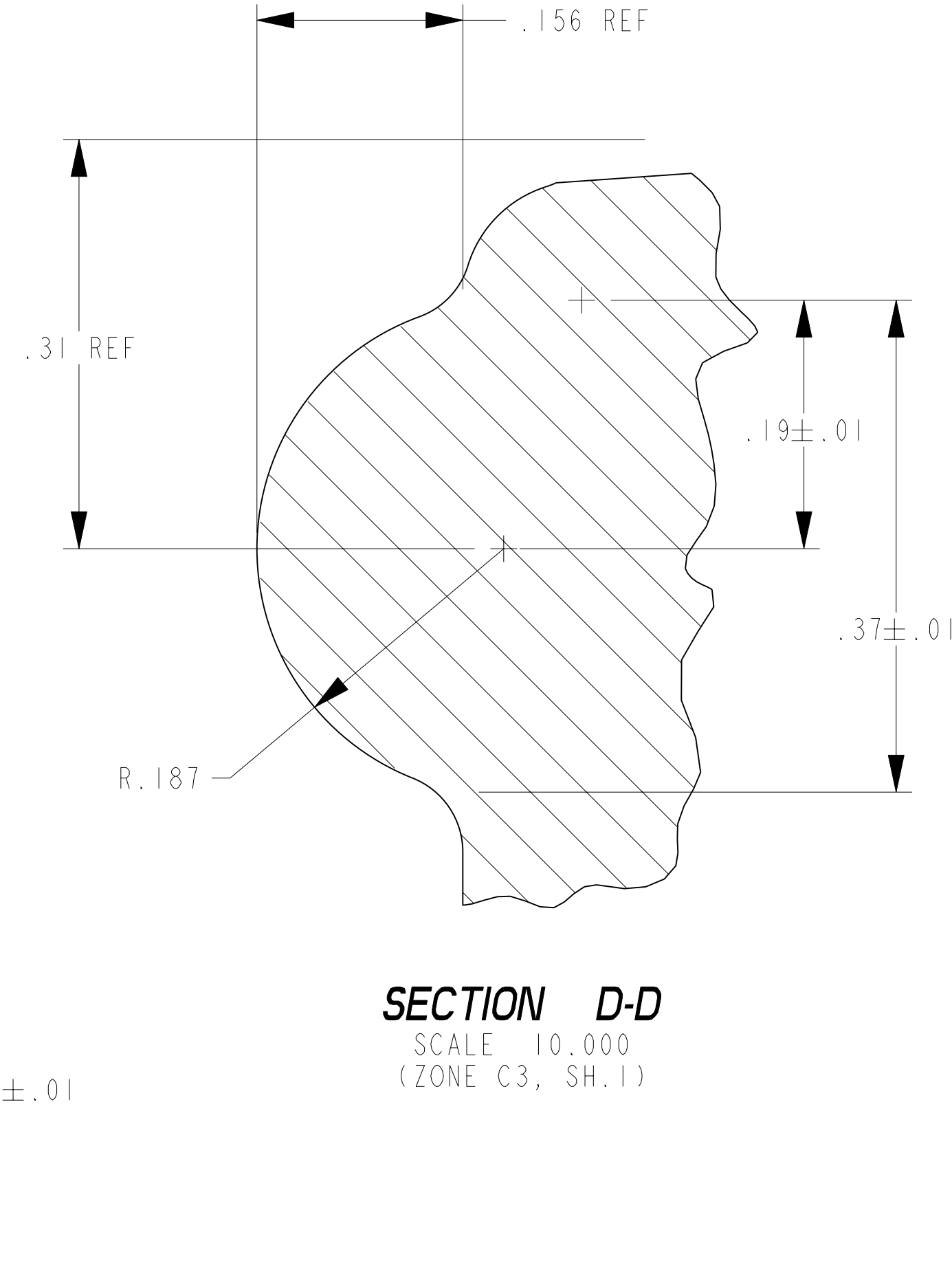
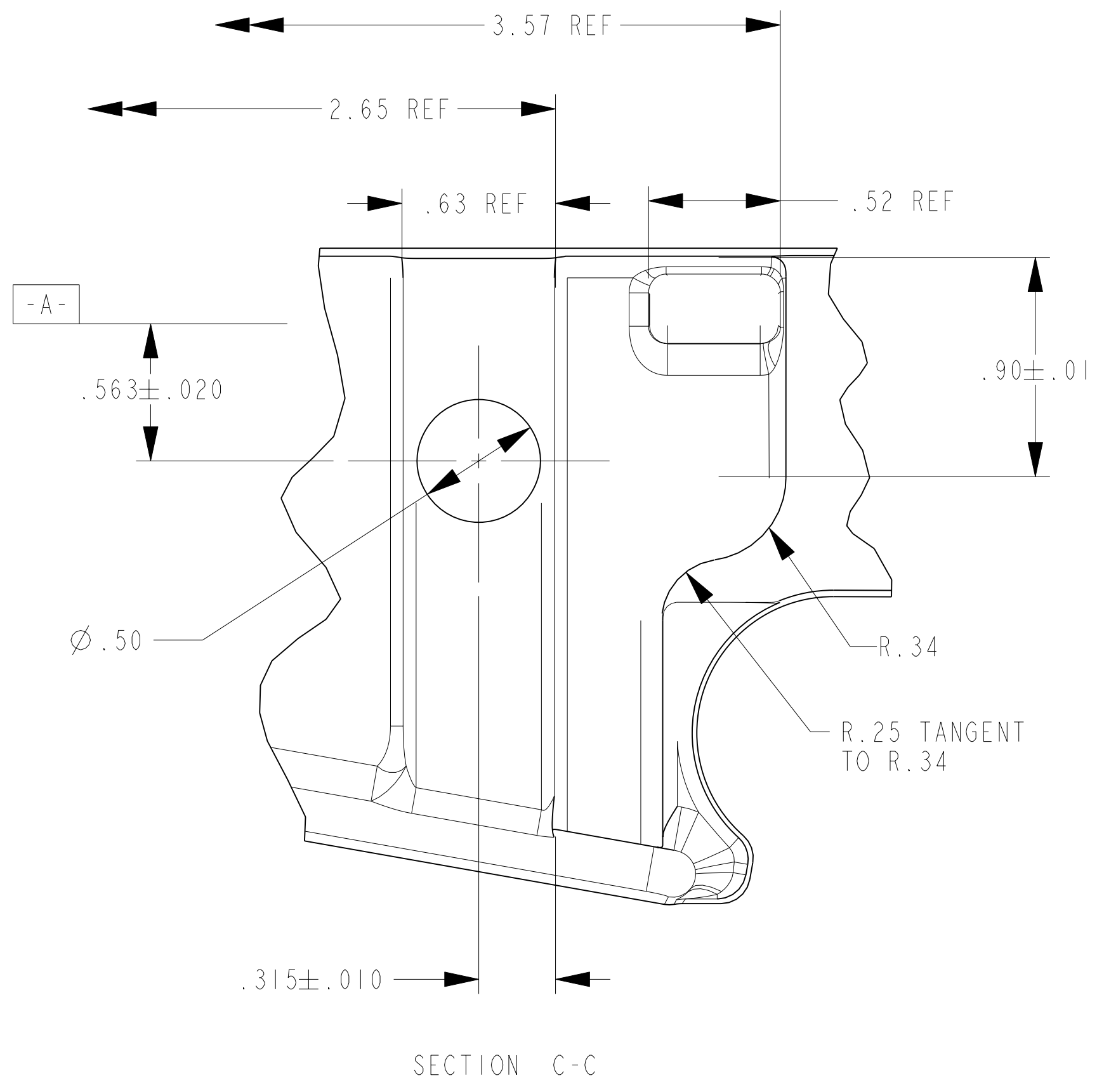
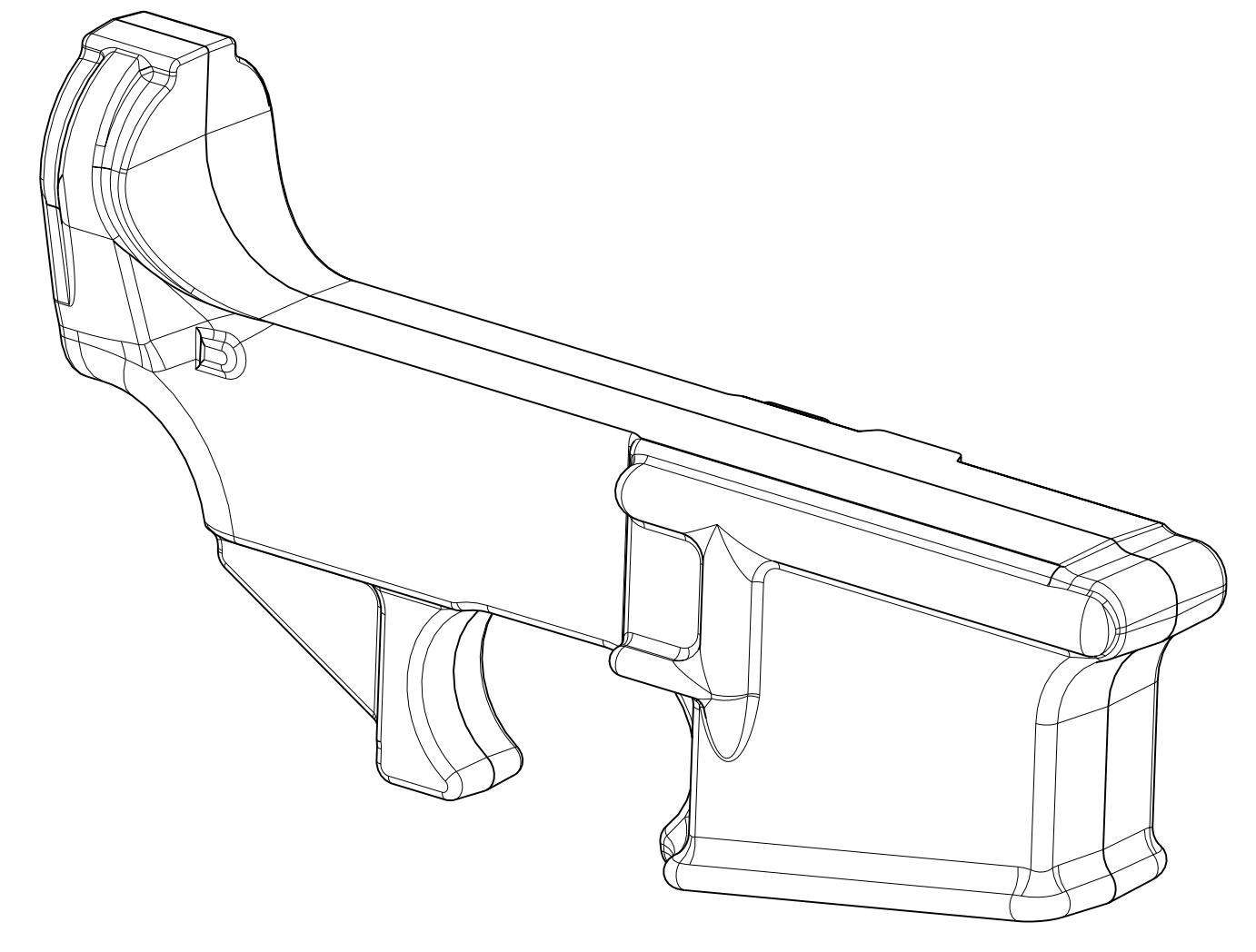
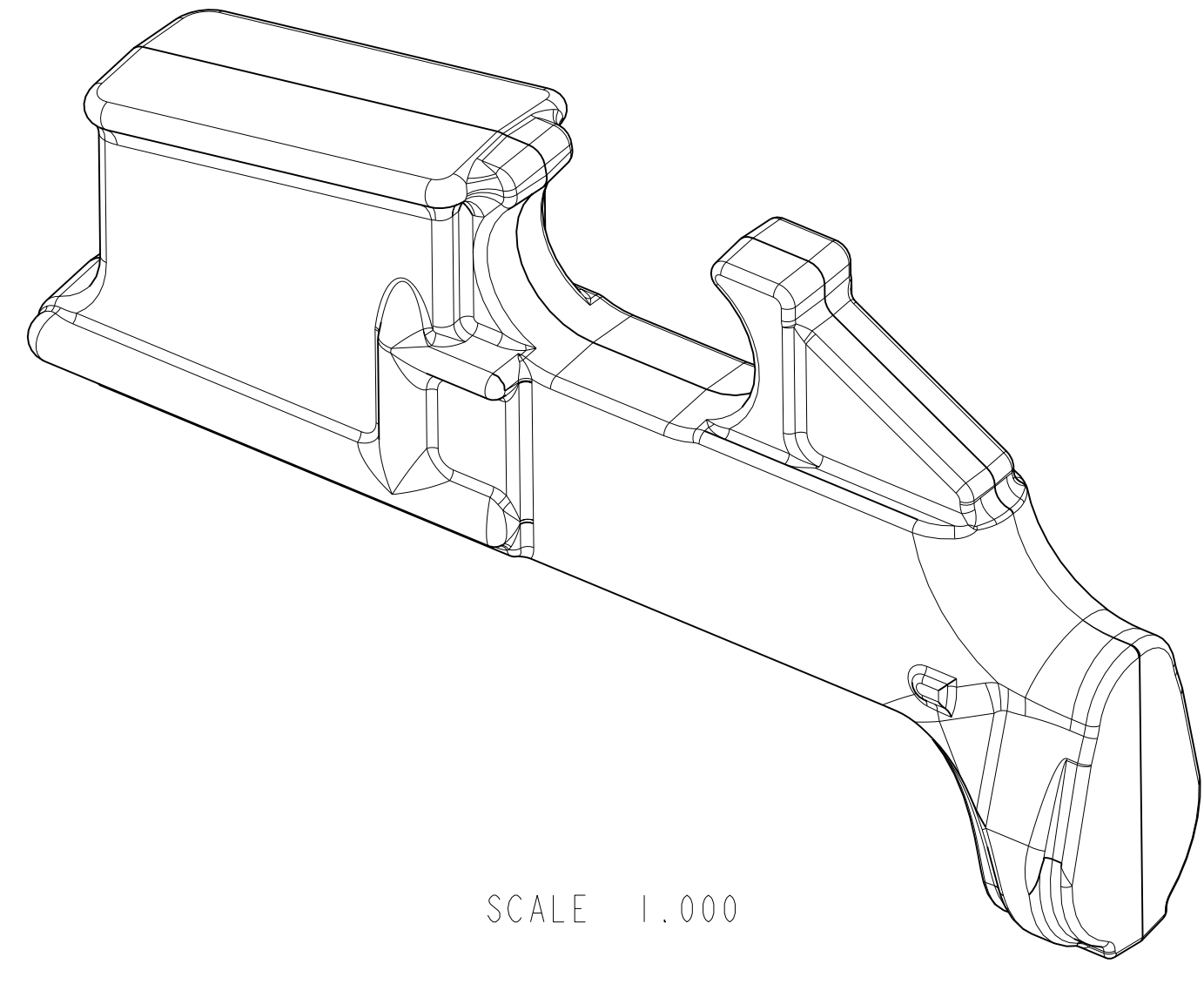
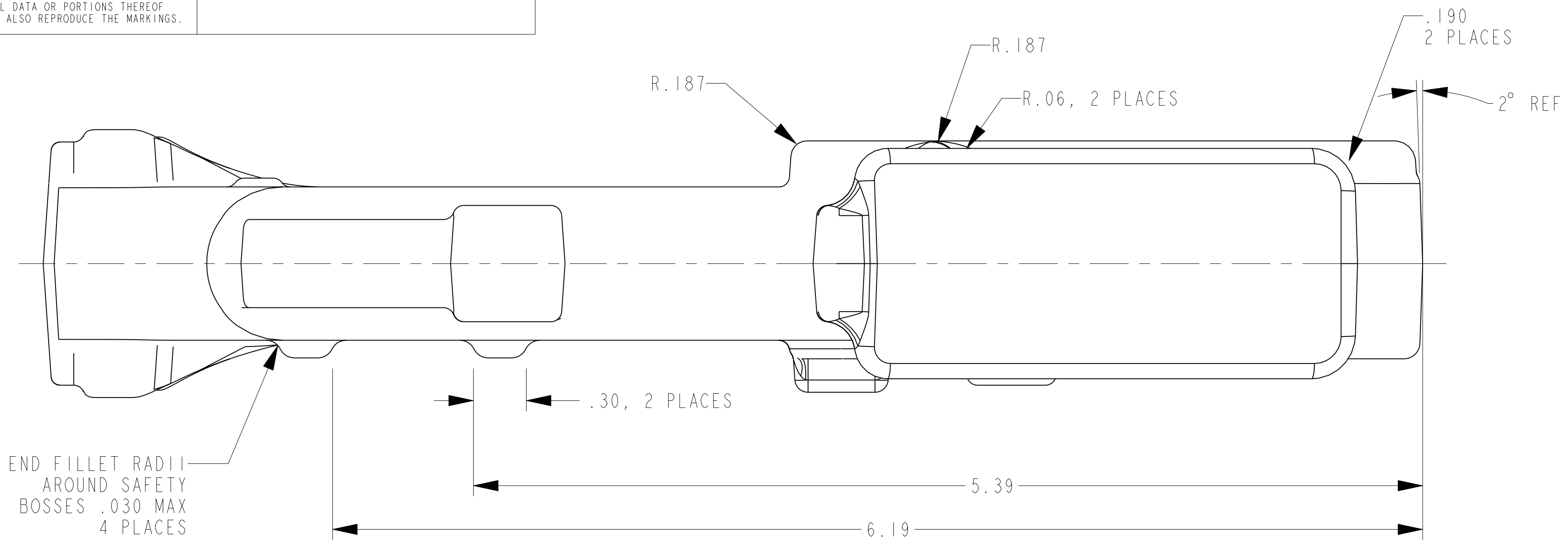
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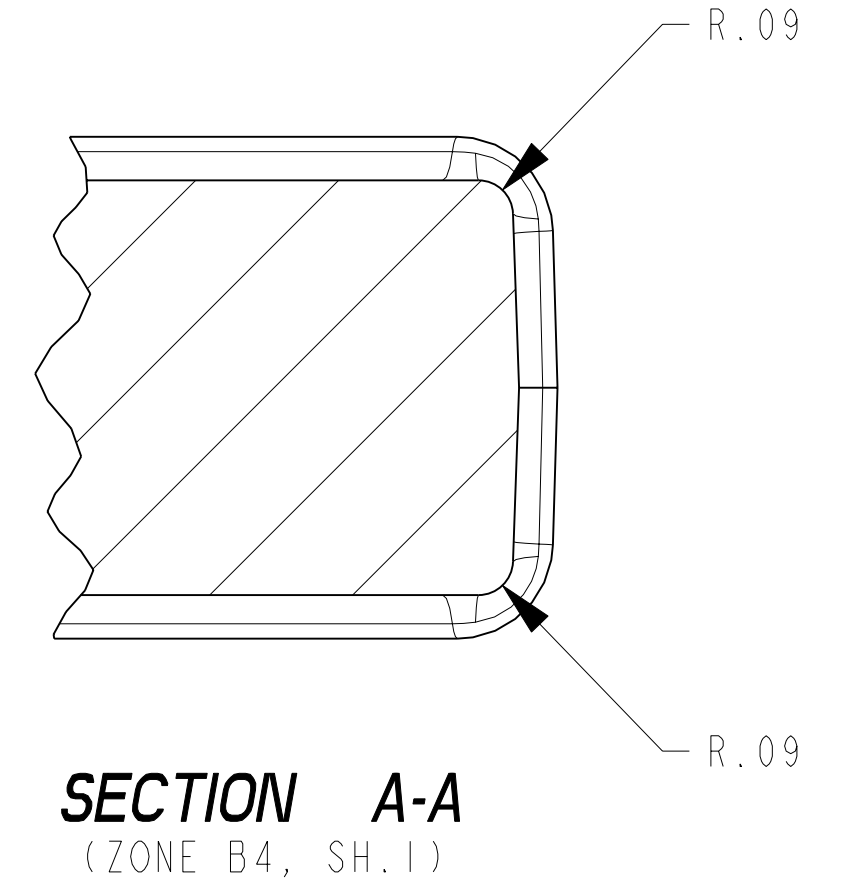
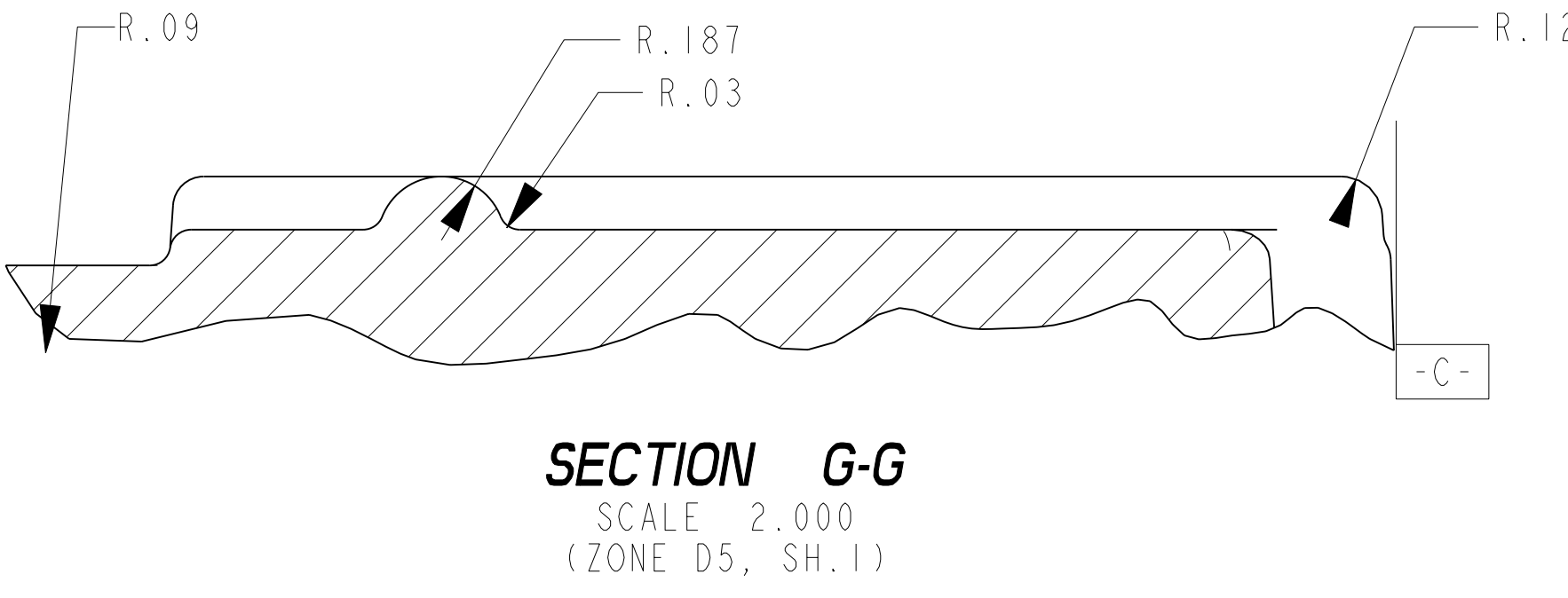
MODEL REV		DRAWING REV		REVISIONS	DATE(YEAR-MO-DA)	APPROVED
				DESCRIPTION		
N/A	M	NOR	G1S3089	/	1991-07-16	GHS
N/A	N	NOR	G3S3059	/	1993-07-07	RLV
-	T	NOR	L2S3042	/	2002-08-05	JJW
A	U	NOR	L3S3161	/	2004-03-31	RLV



VIEW H
 ALTERNATE CONFIGURATION
 SCALE 4.000
 (ZONE C3, SH.1)

SECTION D-D
 SCALE 10.000
 (ZONE C3, SH.1)

SECTION E-E
 (ZONE B7, SH.1)



SECTION G-G
 SCALE 2.000
 (ZONE D5, SH.1)

SECTION A-A
 (ZONE B4, SH.1)

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PART NO. 8448641

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PMIC			DO NOT SCALE DRAWING	CONTRACT NUMBER	DESIGN ACTIVITY
		M231	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES		US ARMY
		M4A1		CONTRACTOR	ROCK ISLAND ARSENAL
		M4	TOLERANCES ON ANGLES ± °		ROCK ISLAND, ILLINOIS
		8448608	2 PLACE DECIMALS ±	DRAWN BY	
		M16A4	3 PLACE DECIMALS ±	J. NELSON-ESERV	1970-04-27
YP		F9327036		CHECKER	ENGINEER
TS		M16A3		J. MACON-ESERV	J. WINDHAM
EL2		M16A2		ENGINEER	QUALITY ENGINEER
RA		M16A1	THIRD ANGLE PROJECTION	L. KO	E. SESE
		F8448608		DRAWING APPROVAL	
BH		M16A1		L. BRUNTON	2002-08-05
		NEXT ASSY		DESIGN APPROVAL	
RH		USED ON		R. ELBE	2002-08-05
		APPLICATION			

LOWER RECEIVER FORGING

SIZE **F** CAGE CODE 19204 DWG NO. 8448641

SCALE 2 UNIT WT. 1.503 SHEET 2 OF 2