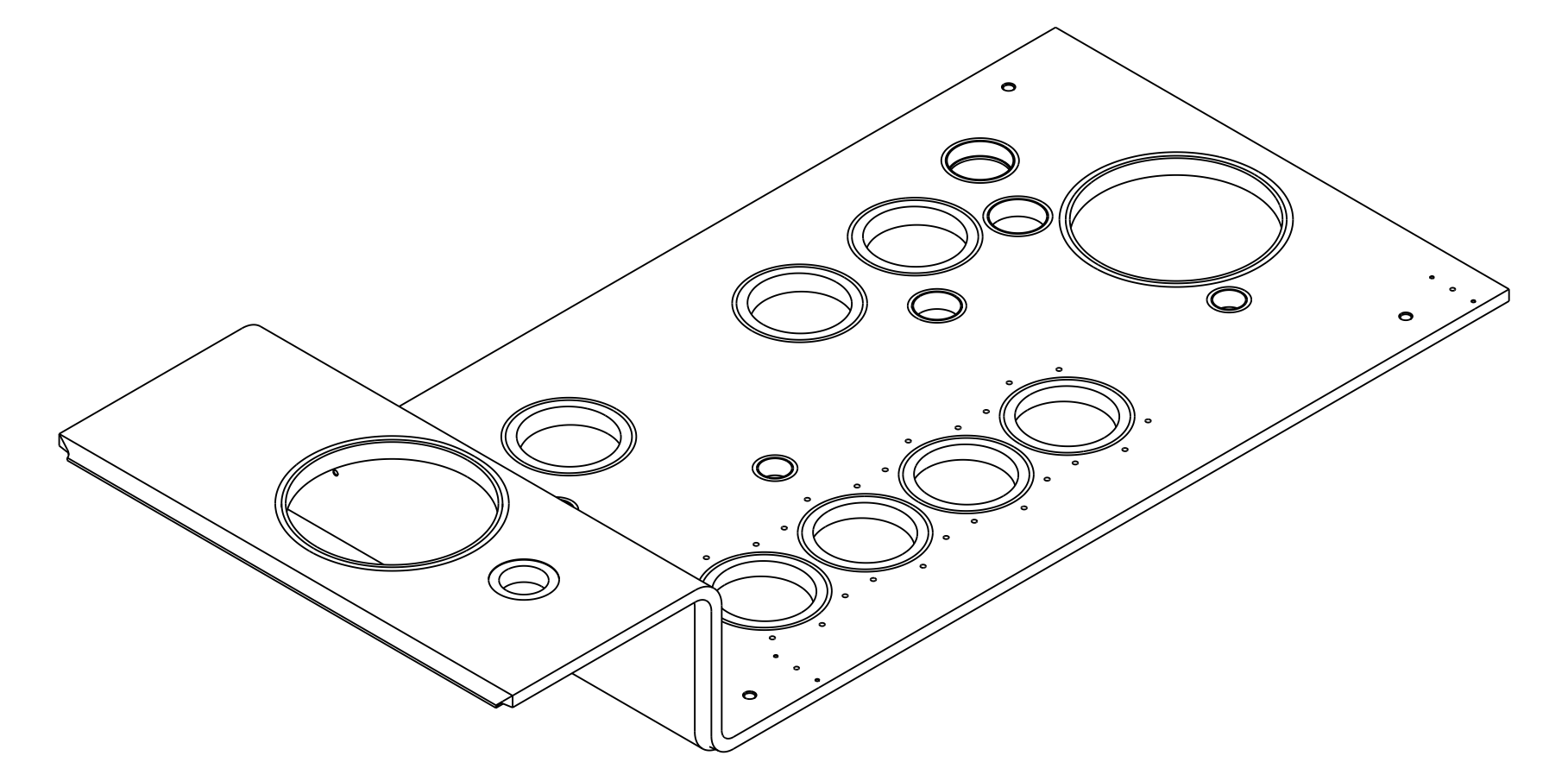
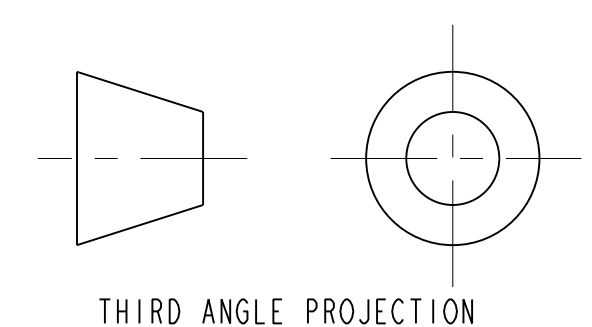
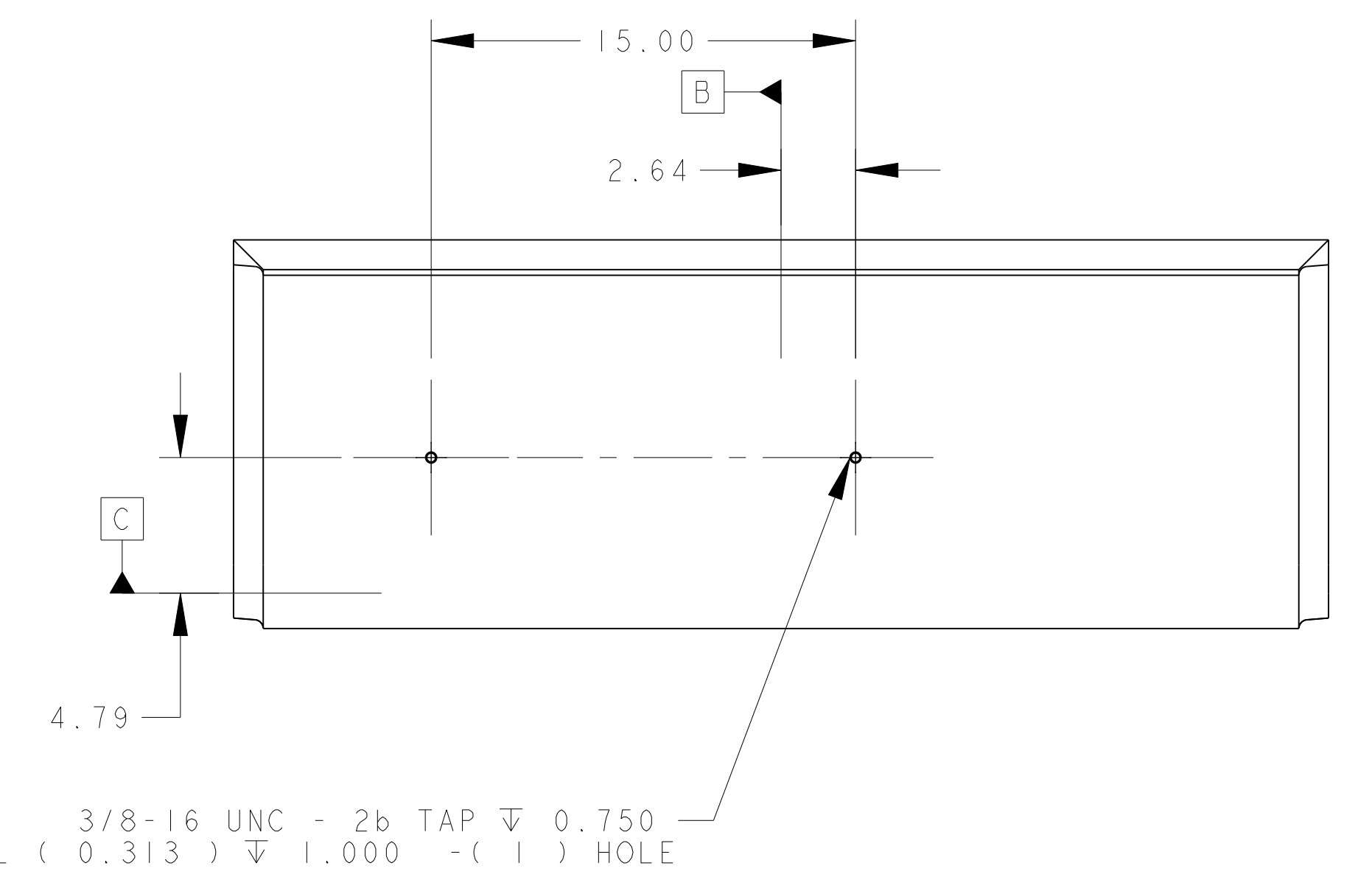
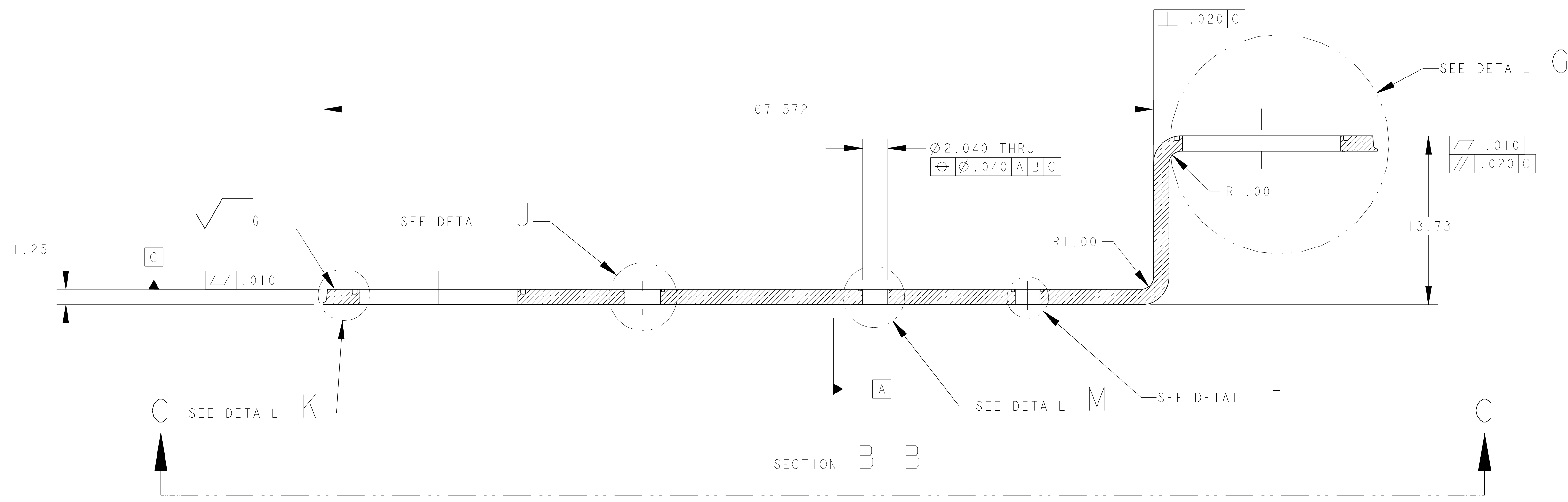


- NOTES: UNLESS OTHERWISE SPECIFIED,
1. BLANCHARD GRIND PLATE, DATUM -C- SIDE BEFORE MACHINING MINIMUM CLEANUP.
 2. DIMENSIONS AND TOLERANCING PER ANSI Y14.5M-1982 UNITS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.
 3. USE OF SULFUR OR SILICONE BEARING OILS, LUBRICANTS, OR COOLANTS ARE STRICTLY PROHIBITED.
 4. USE OF RESIN OR RUBBER BONDED ADRASIVES UNDER POWER IS STRICTLY PROHIBITED. USE VITREOUS BONDED ABRASIVES ONLY.
 5. CLEANING SPECIFICATIONS FOR PARTS AND WELDMENTS TO BE PROVIDED BY VENDOR AND APPROVED BY LBNL.
 6. PROTECT FINISHED PART BY BAGGING OR SIMILAR METHOD TO PROTECT AND MAINTAIN CLEANLINESS DURING SHIPMENT AND STORAGE.
 7. VENDOR PROPOSED WELD PREPS MODIFICATIONS SUBJECT TO LBNL APPROVAL.
 8. STRESS RELIEVE PART AFTER BENDING, PRIOR TO FINISH MACHINING.
 9. ESTIMATED WEIGHT = 1,096 LBS



SCALE 1/10



REV	DATE	DESCRIPTION
A	JDRDPO 10/8/02	INITIAL RELEASE
B	ICW 10/10/02	CHANGES

UNLESS OTHERWISE SPECIFIED	SHOP ORDERS
TOLERANCES: X.X ± 0.1 FRACTION ± 1/64	SEE NO.
X.XX ± 0.03 ANGLES ± 1.00°	INC. LABEL
X.XXX ± 0.010 FINISH 125 μm	REWORK
DO NOT SCALE PRINT	
THREADS ARE CLASS 2	
CHAMFER ENDS OF ALL SCREW THREADS 10°	
OUT ROUND, 1.5 THREAD RELIEF ON MACHINED THREADS	
BREAK EDGES .016 MAX. ON MACHINED WORK	
REMOVE BURRS, WELD SPATTER & LOOSE SCALE	
IN ACCORDANCE WITH ASME Y14.5M-1994	

PLATE, HOT ROLLED, ANNEALED, PICKLED PER ASTM A-240	304L SS
DESCRIPTION	MATERIAL
ERNEST ORLANDO LAWRENCE UNIVERSITY OF CALIFORNIA BERKELEY	
LHC IR FEEDBOX VACUUM	
MICROFILMED: PART 251153	SHOWN ON: SCALE: 1/5 SHEET 1 OF 3
PATENT CLEAR: DESIGN ACCT. NO. 25LCE2	CATEGORY CODE: LH2002
DATE: 22-APR-01	DATE: 04-APR-02
DATE: 04-APR-02	DATE: 04-APR-02

DWG. NO. 2518696
 SHEET 1 OF 3
 A

8 7 6 5 4 3 2 1

D

C

B

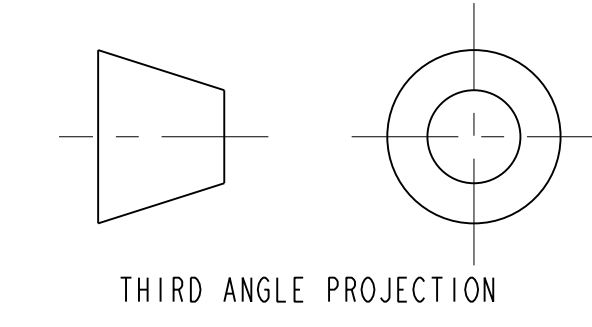
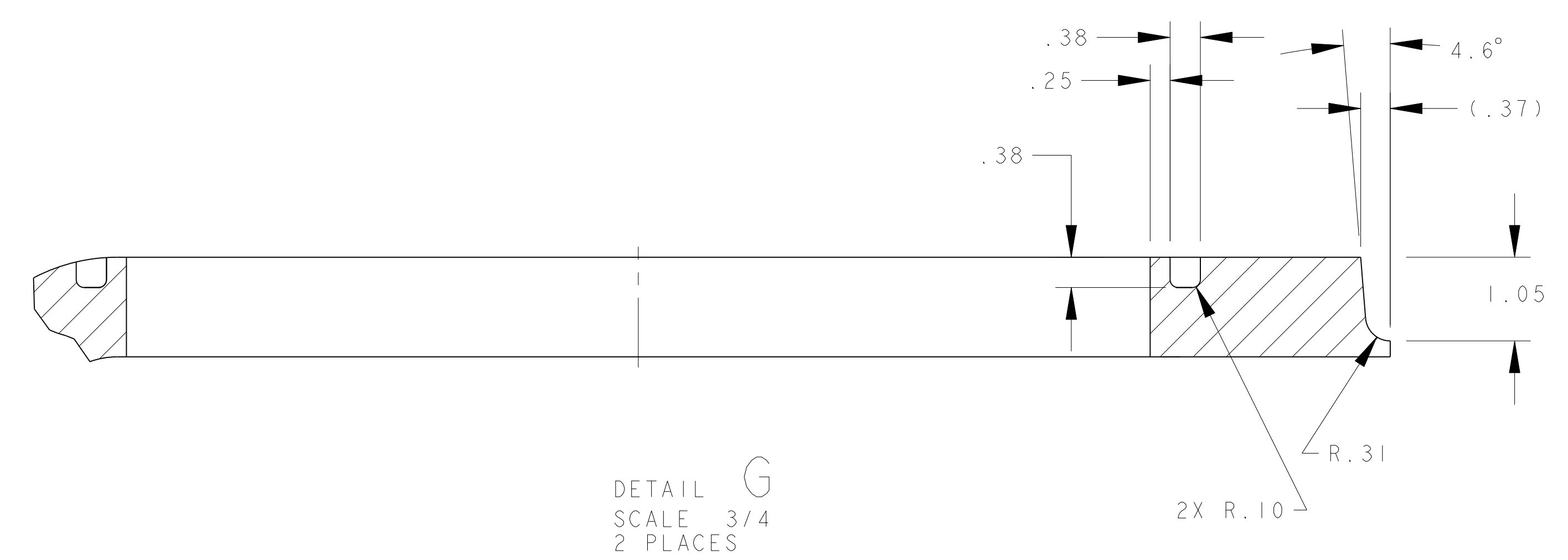
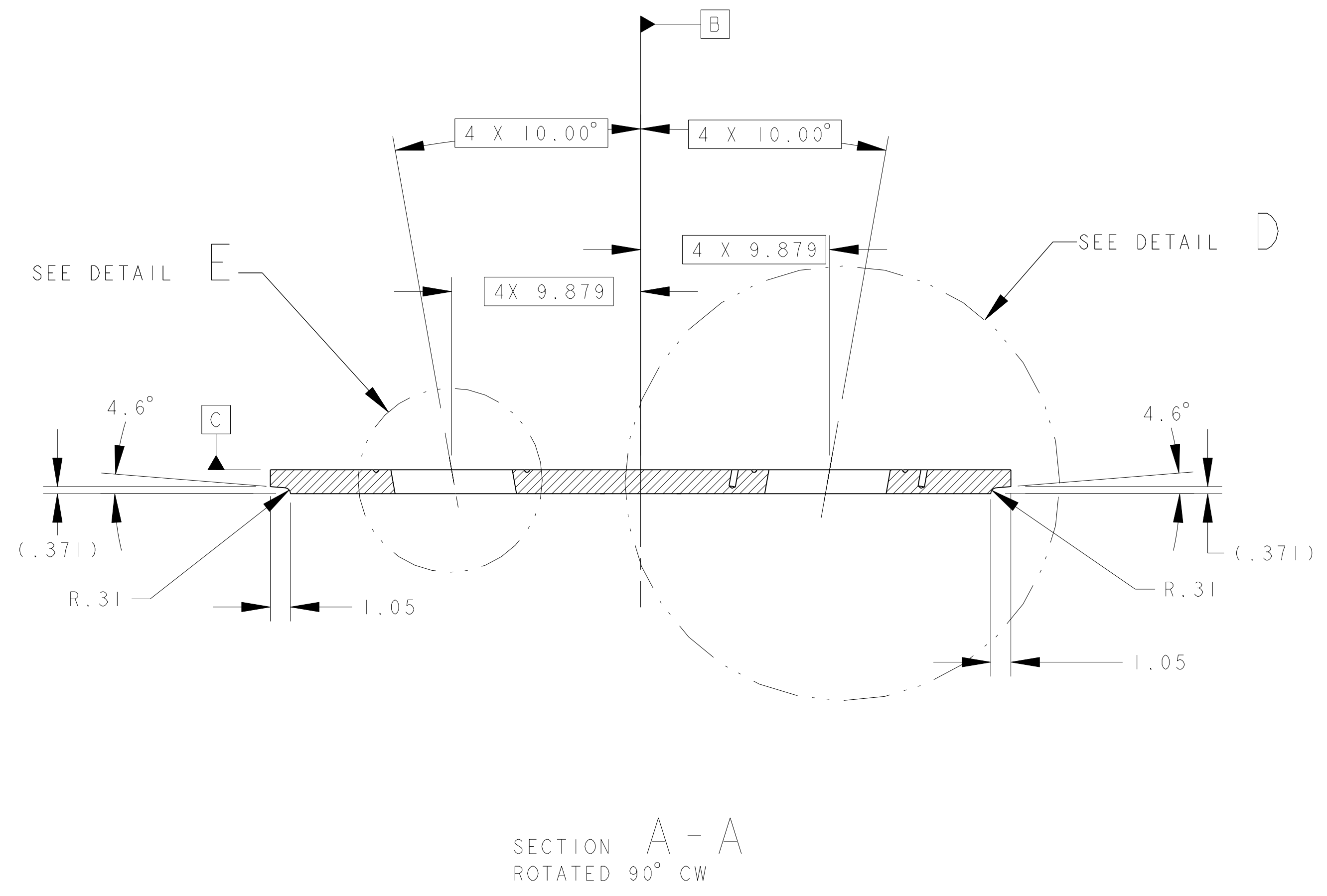
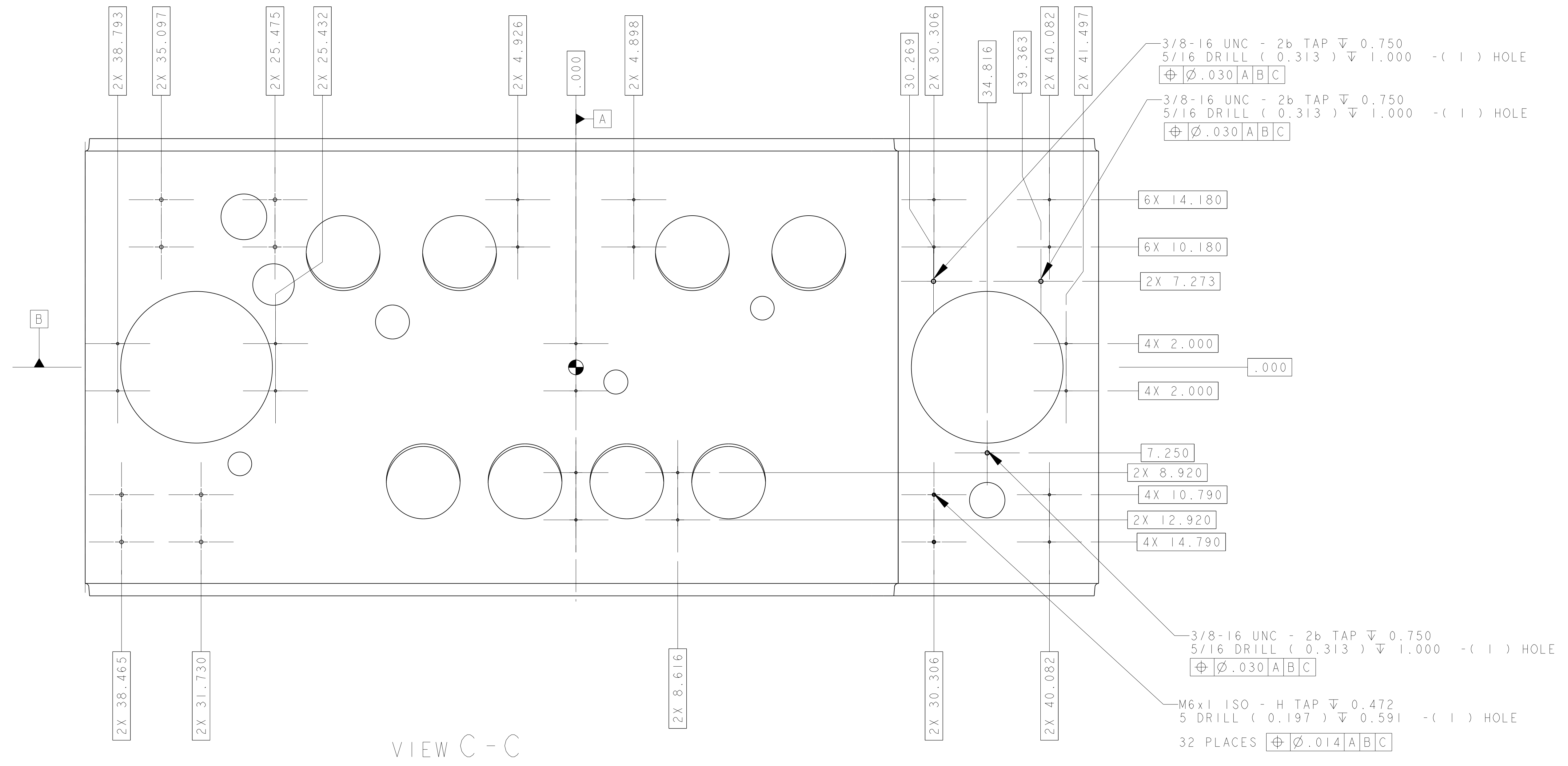
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D

C

B

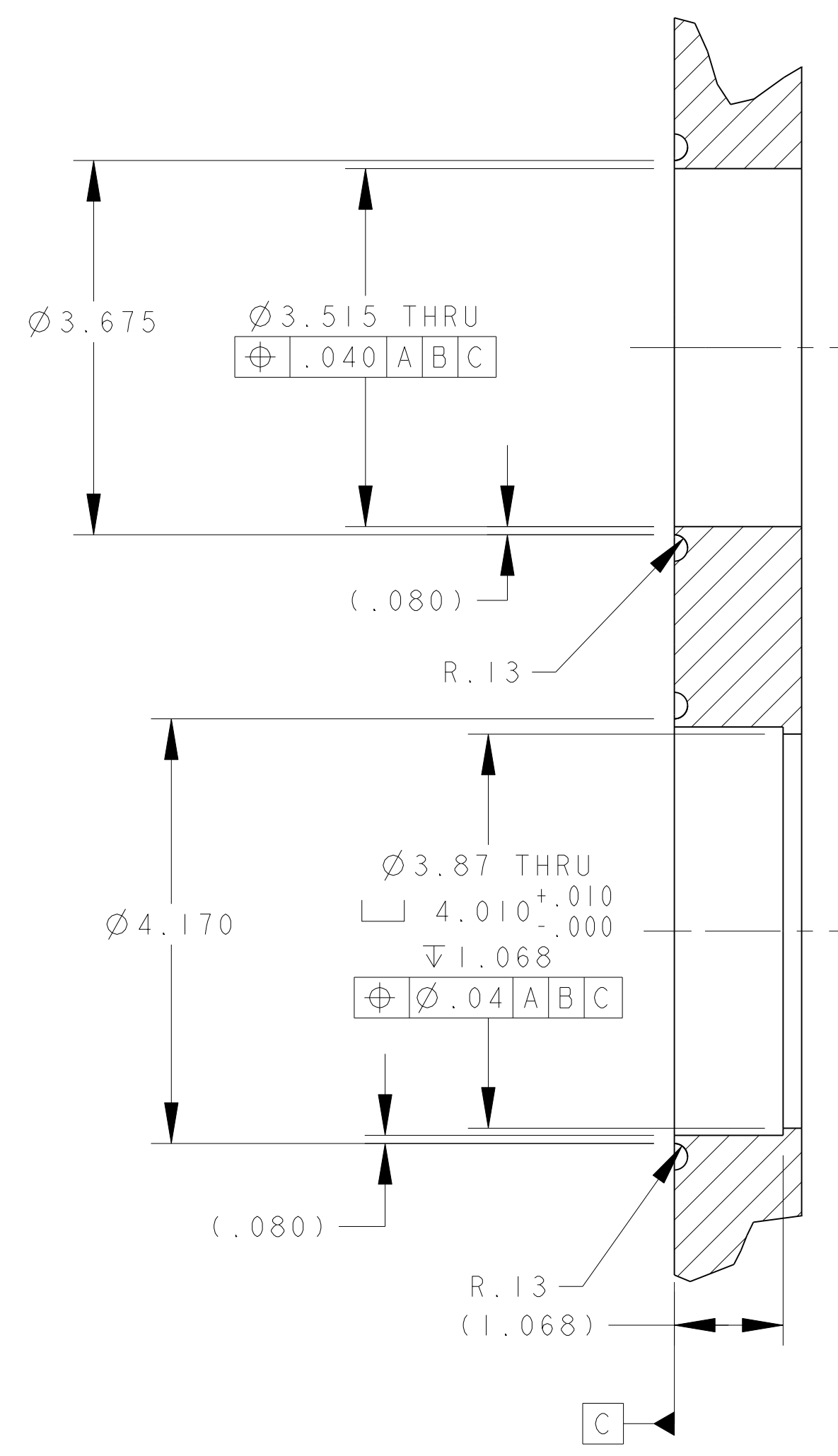
A



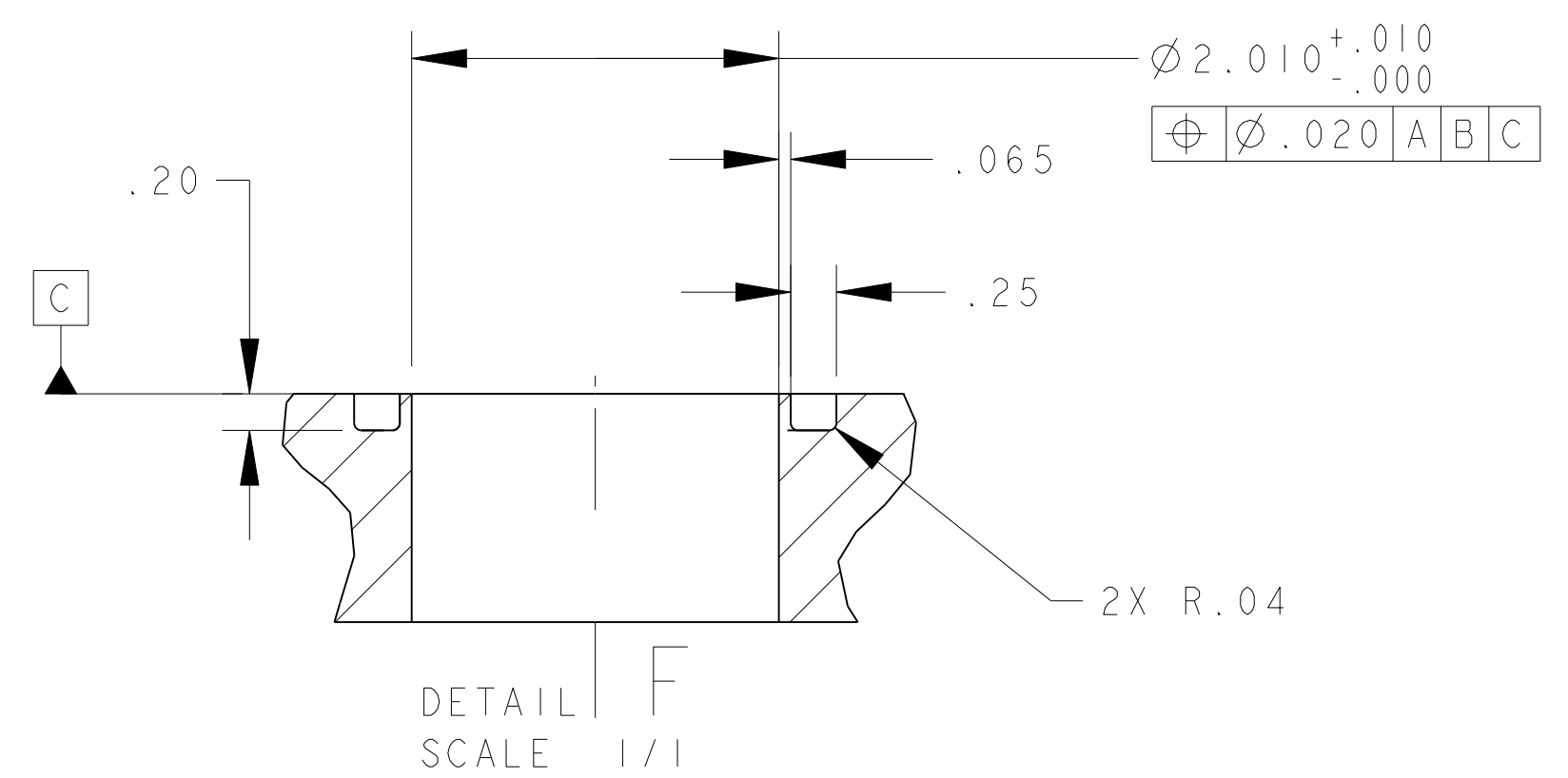
ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY UNIVERSITY OF CALIFORNIA - BERKELEY			
LHC IR FEEDBOX VACUUM			
TOP PLATE DF BX F., IPS RIGHT			
MICROFILMED:	DWG. TYPE:	SHOWN ON:	SCALE: 1/5
PART 3	251153		
SHEET 2 OF 3			DO NOT ENLARGE
PATENT CLEAR:	DESIGN ACCT. NO.	CATEGORY CODE:	DWG. NO. REV.
	ZSLCE2	LH2002	2518696 A

8 7 6 5 4 3 2 1

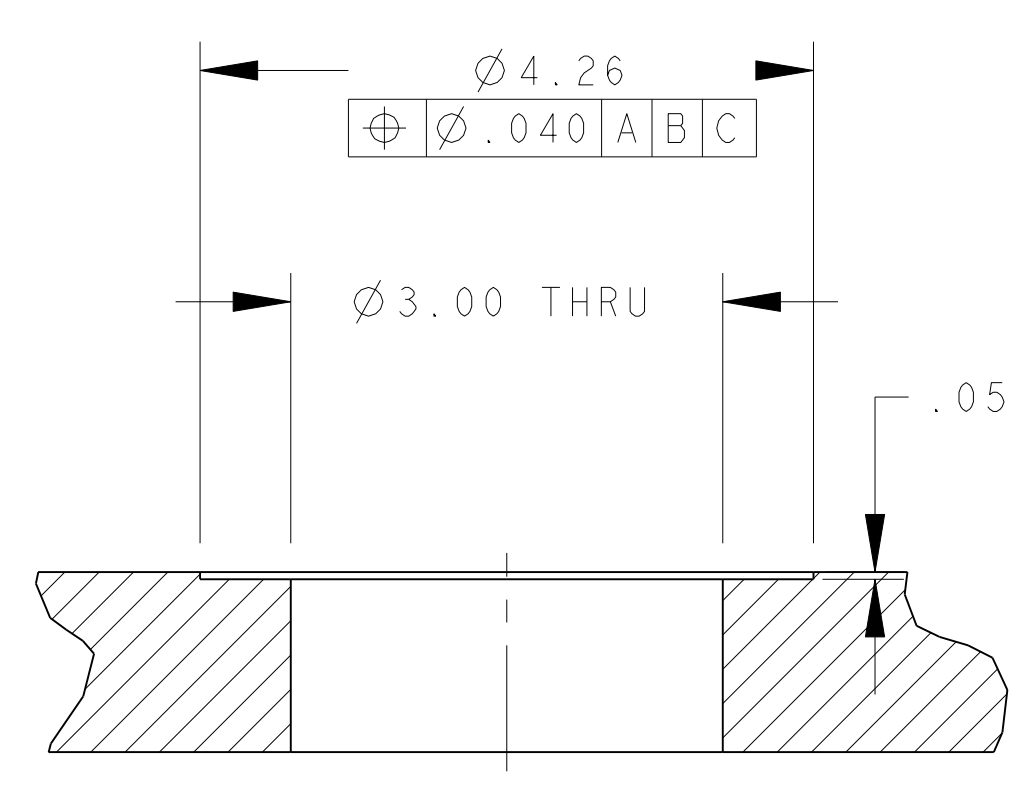
2518696 A 2



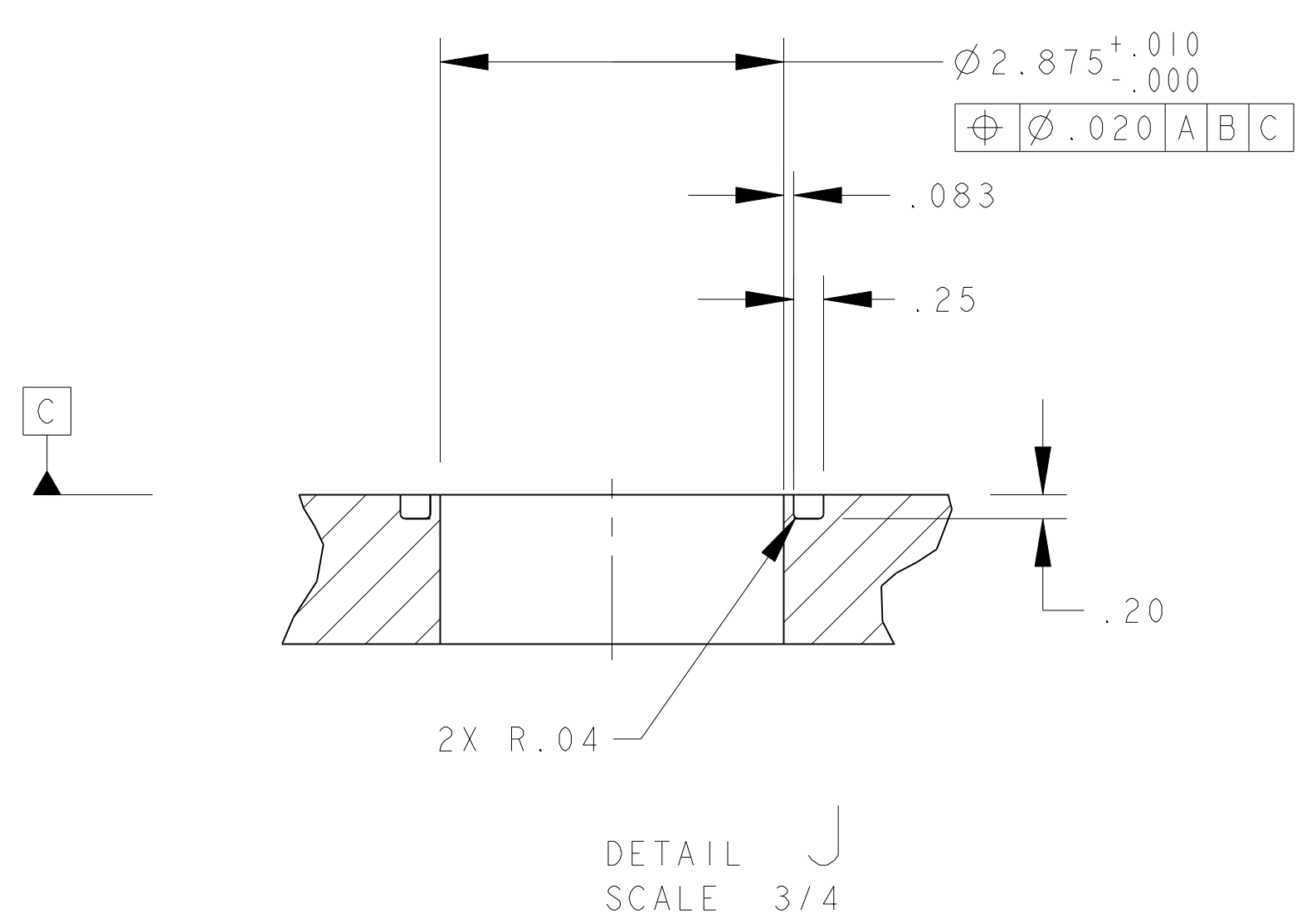
SECTION D-D SCALE 3/4



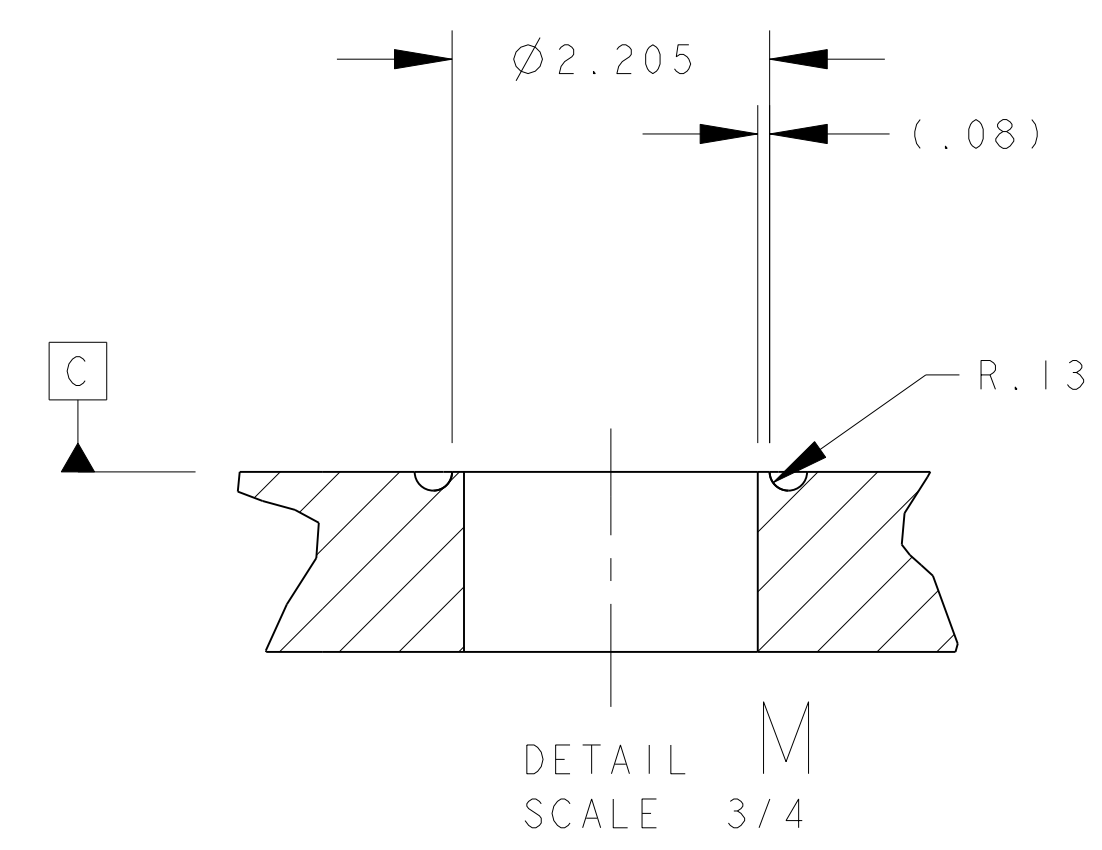
DETAIL F SCALE 1/1



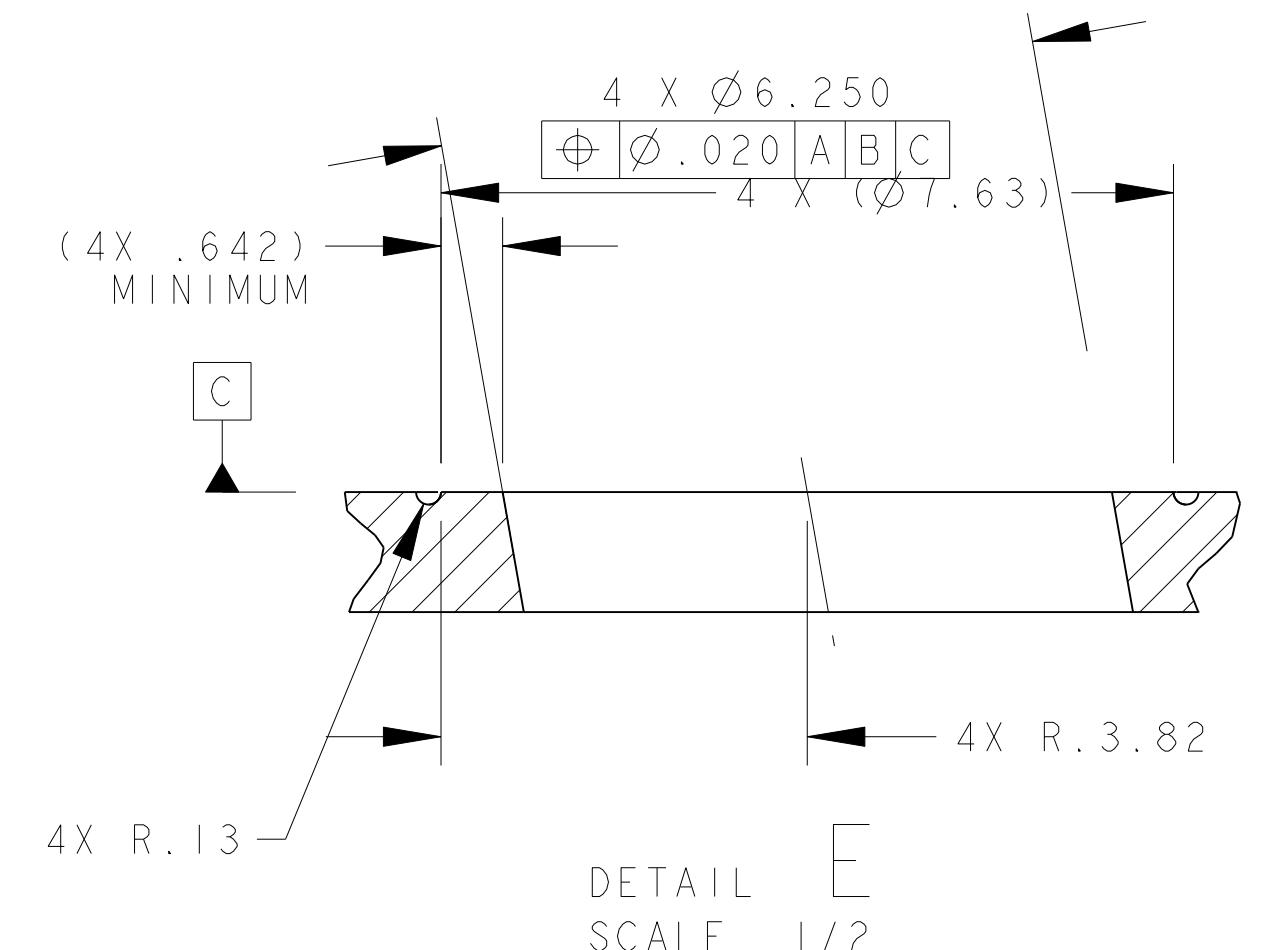
SECTION C-C SCALE 3/4



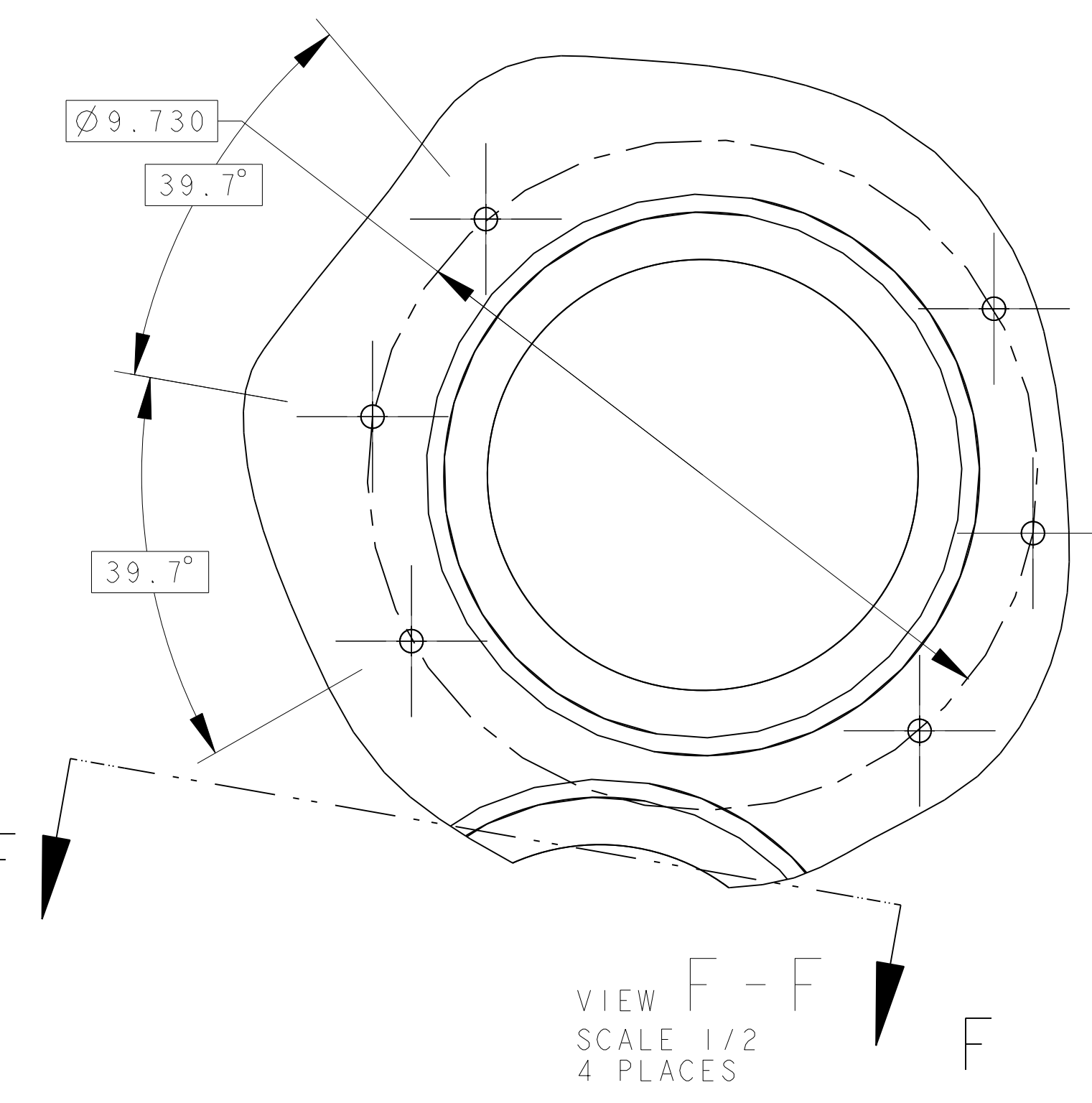
DETAIL J SCALE 3/4



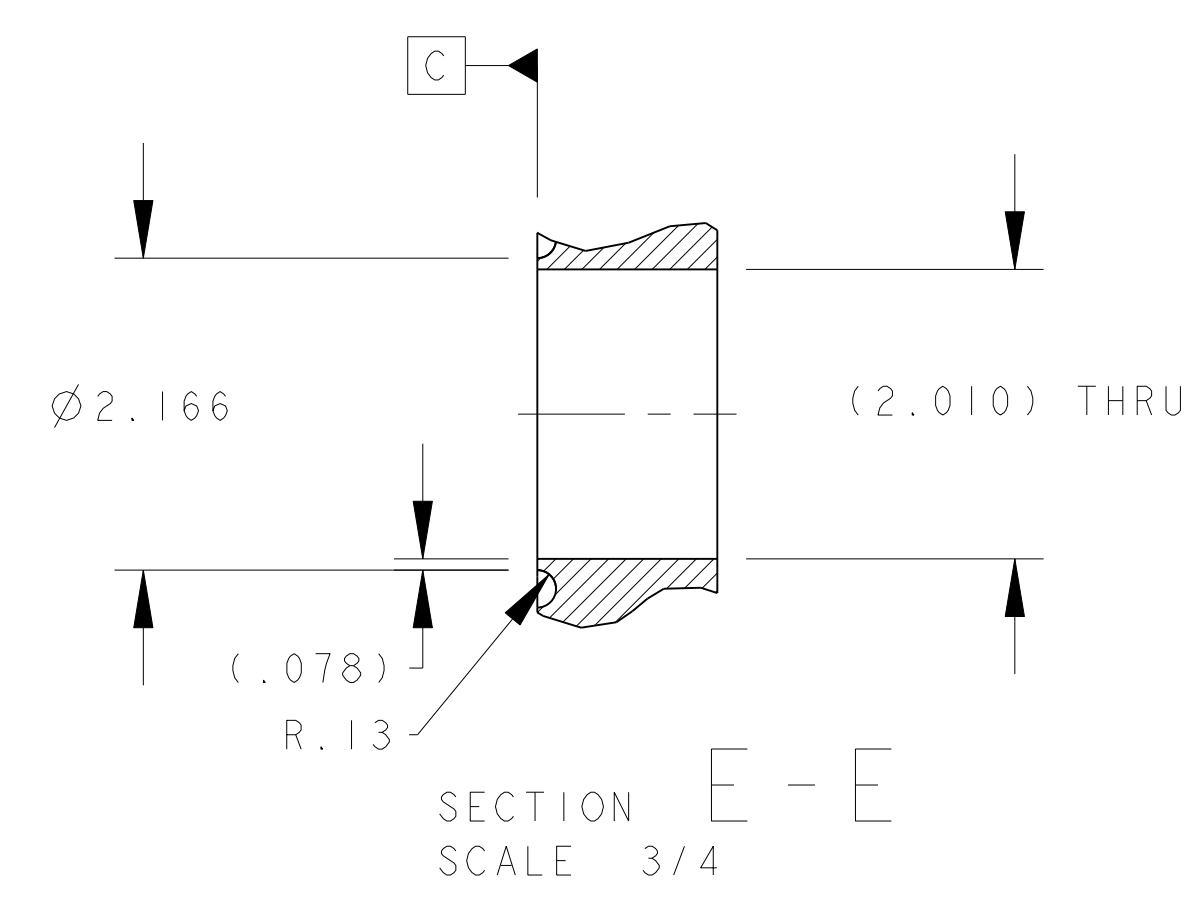
DETAIL M SCALE 3/4



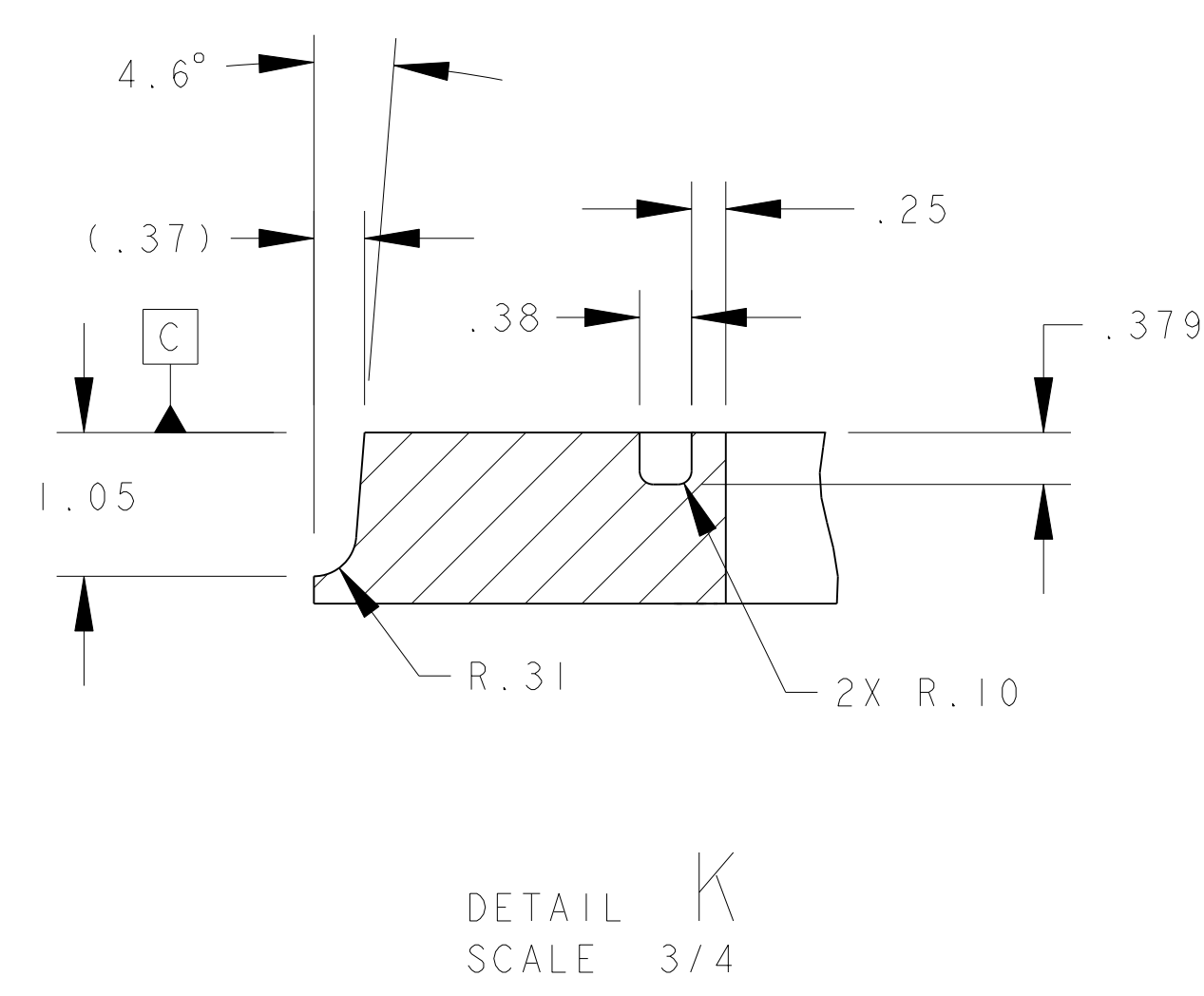
DETAIL E SCALE 1/2



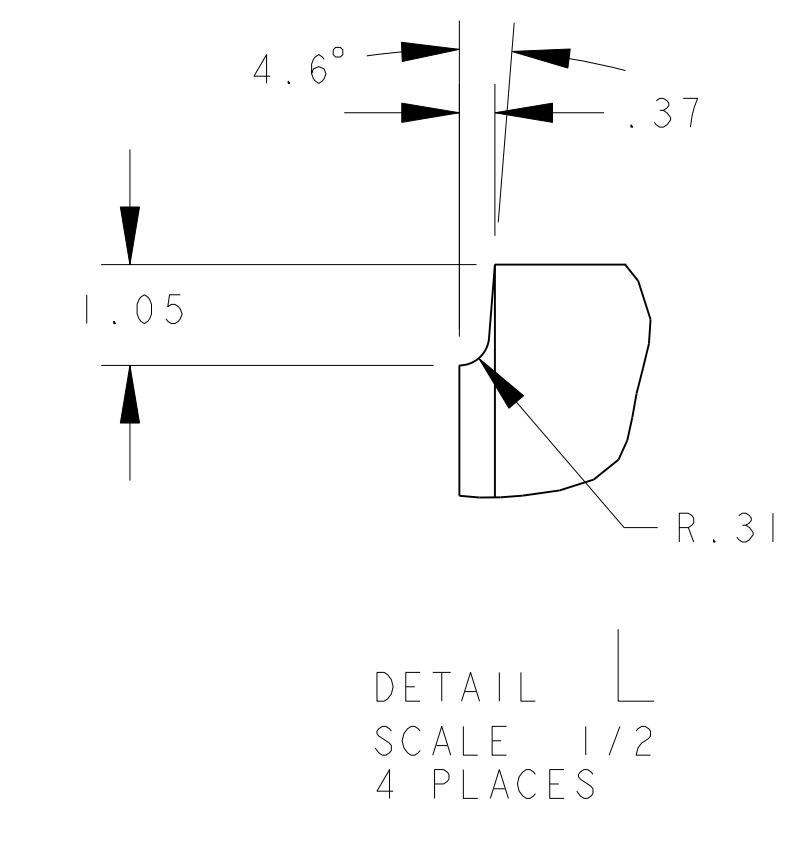
VIEW F-F SCALE 1/2 4 PLACES



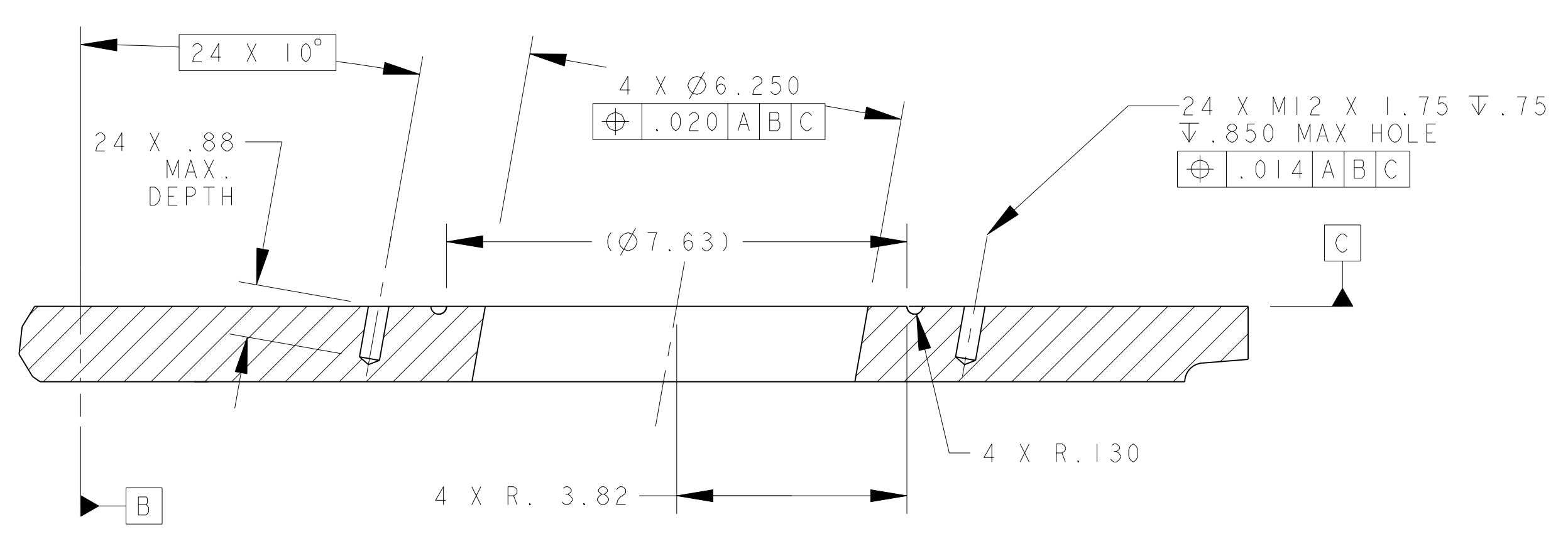
SECTION E-E SCALE 3/4



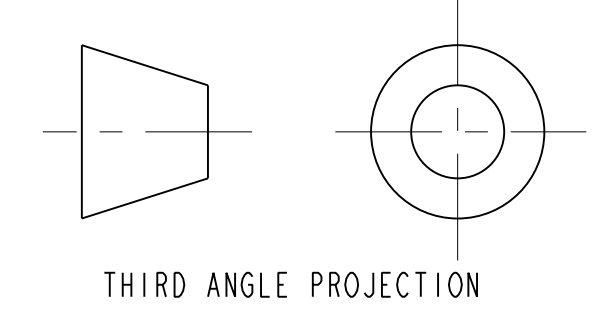
DETAIL K SCALE 3/4



DETAIL L SCALE 1/2 4 PLACES



DETAIL D SCALE 1/2



THIRD ANGLE PROJECTION

ERNEST ORLANDO LAWRENCE
 BERKELEY NATIONAL LABORATORY
 UNIVERSITY OF CALIFORNIA - BERKELEY

LHC IR FEEDBOX
 VACUUM
 TOP PLATE DFBX F., IPS RIGHT

MICROFILMED:	DWG. TYPE:	SHOWN ON:	SCALE:	DO NOT ENL. PRINTS:
	PART	251153	1/5	
PATENT CLEAR:	DESIGN ACCT. NO.	CATEGORY CODE:	DWG. NO.:	SIZE REV.:
	ZSLCE2	LH2002	2518696	A

SHEET 3 OF 3