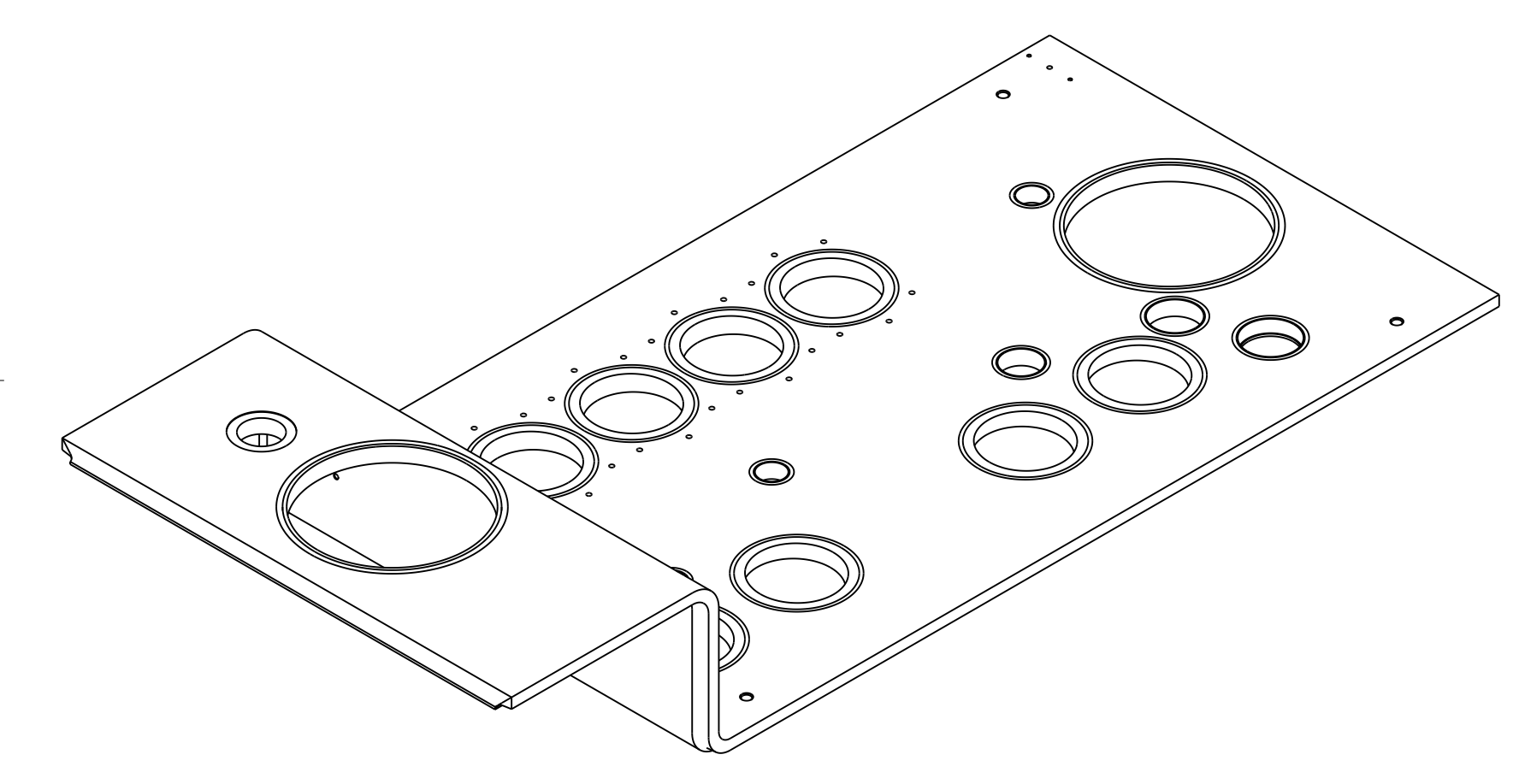
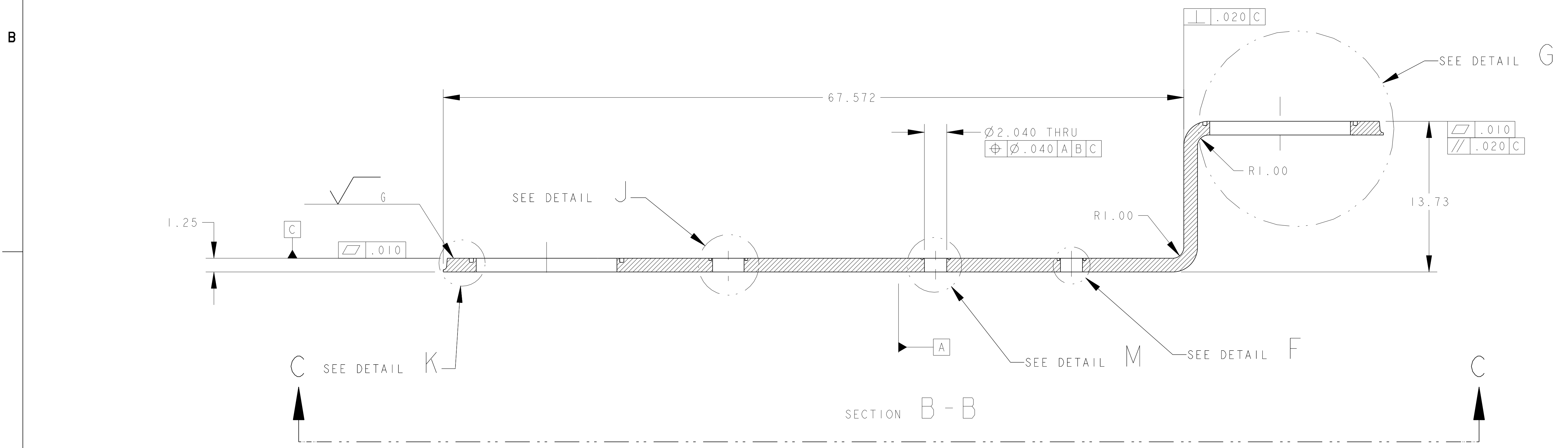


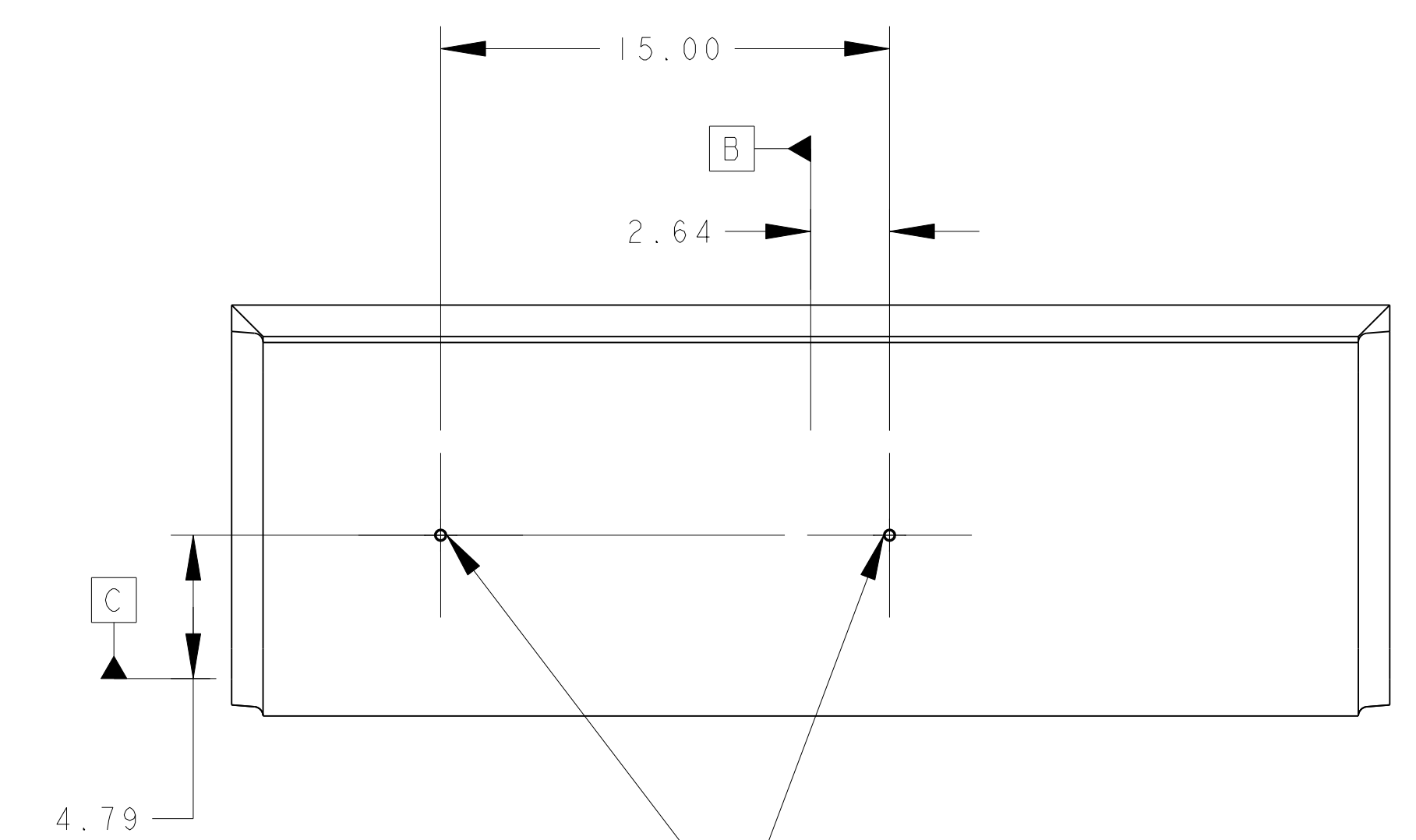
- NOTES: UNLESS OTHERWISE SPECIFIED,
1. BLANCHARD GRIND PLATE, DATUM -C- SIDE BEFORE MACHINING MINIMUM CLEANUP.
 2. DIMENSIONS AND TOLERANCING PER ANSI Y14.5M-1982 UNITS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.
 3. USE OF SULFUR OR SILICONE BEARING OILS, LUBRICANTS, OR COOLANTS ARE STRICTLY PROHIBITED.
 4. USE OF RESIN OR RUBBER BONDED ABRASIVES 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



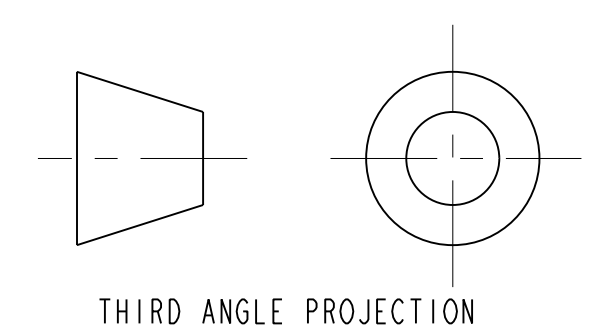
SCALE 1/10



SECTION B-B



3/8-16 UNC - 26 TAP Ψ 0.750
5/16 DRILL (0.313) Ψ 1.000 - (1) HOLE



THIRD ANGLE PROJECTION

REV	DATE	DESCRIPTION	BY	CHK	DATE
A	JDRDPO	09/17/02	INITIAL RELEASE		
	REV	DWG	CHK	ZONE	DATE

UNLESS OTHERWISE SPECIFIED	SHOP ORDERS	SEE
TOLERANCES: X.X ± 0.1 FRACTION ± 1/64	NO	NO
X.XX ± 0.03 ANGLES ± 1.00°	NO	NO
X.XXX ± 0.010 FINISH \sqrt{Ra}	NO	NO
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	MATERIAL	MAT. LOCATION
ERNEST ORLANDO LAWRENCE UNIVERSITY OF CALIFORNIA - BERKELEY			
LHC IR FEEDBOX VACUUM			
TOP PLATE DFBX A, IPI LEFT			
MICROFILMED:	DWG. TYPE:	SHOWN ON:	SCALE: 1/5
PART 251146	PART 251146	PART 251146	PART 251146
DATE: 22-APR-01	DATE: 04-APR-02	DATE: 04-APR-02	DATE: 04-APR-02
DESIGN ACCT. NO. ZSLCE2	CATEGORY CODE LH2002	DWG. NO. 2511456	SIZE: REV. A
SHEET 1 OF 3			

2511456 A 1

8 7 6 5 4 3 2 1

D

D

C

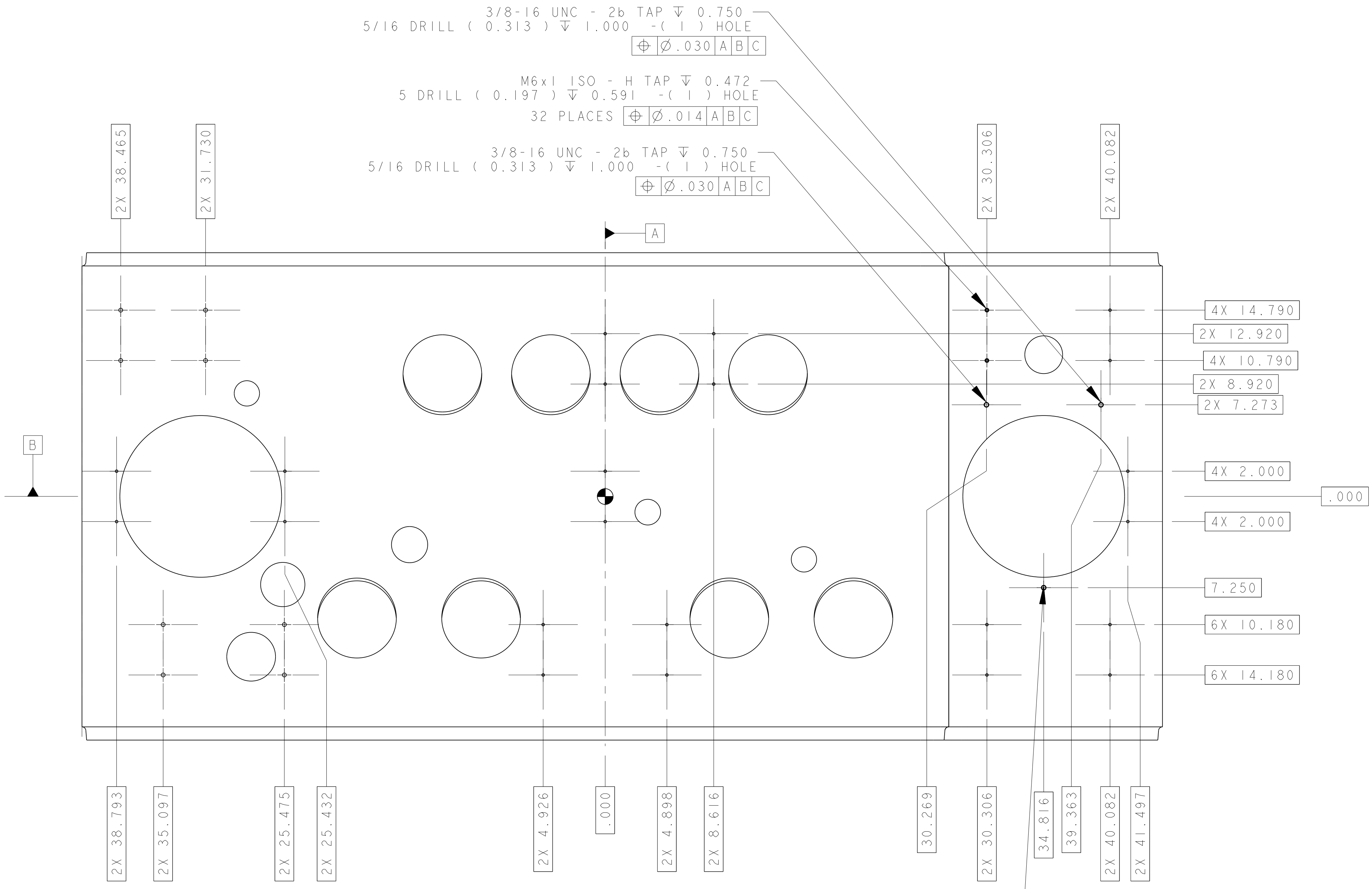
C

B

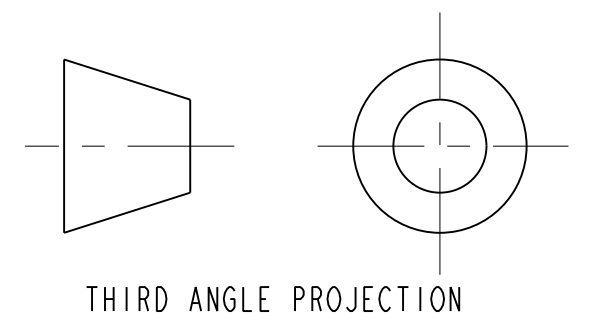
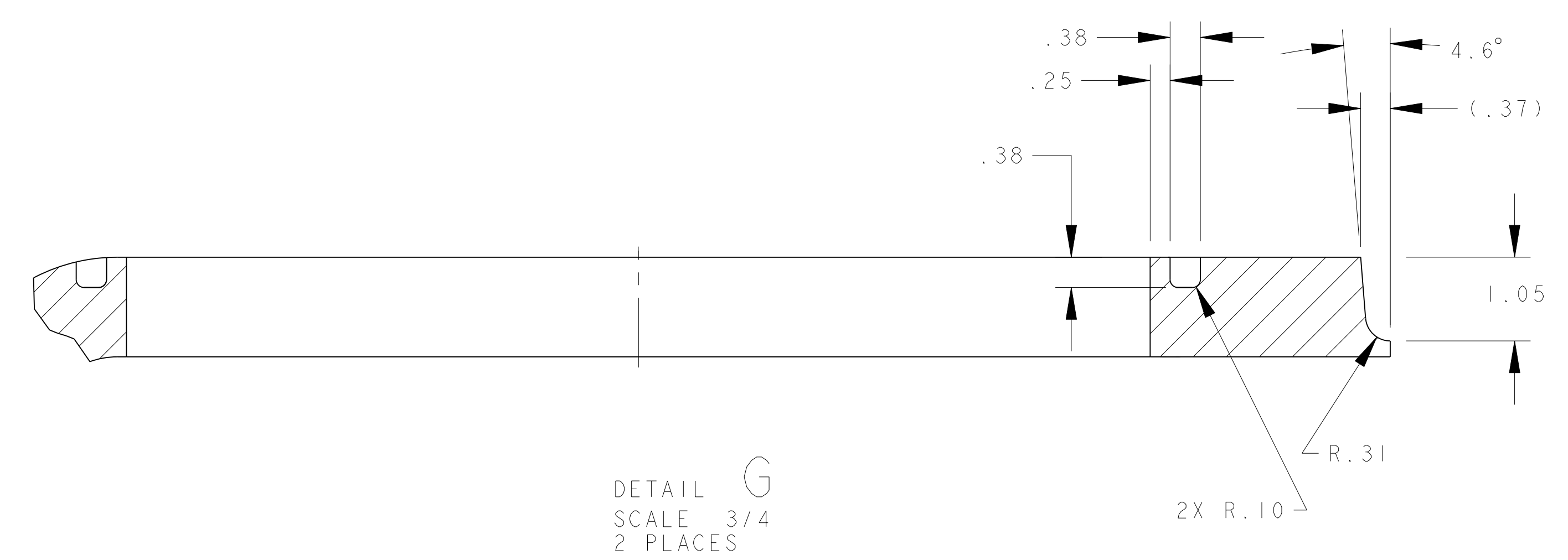
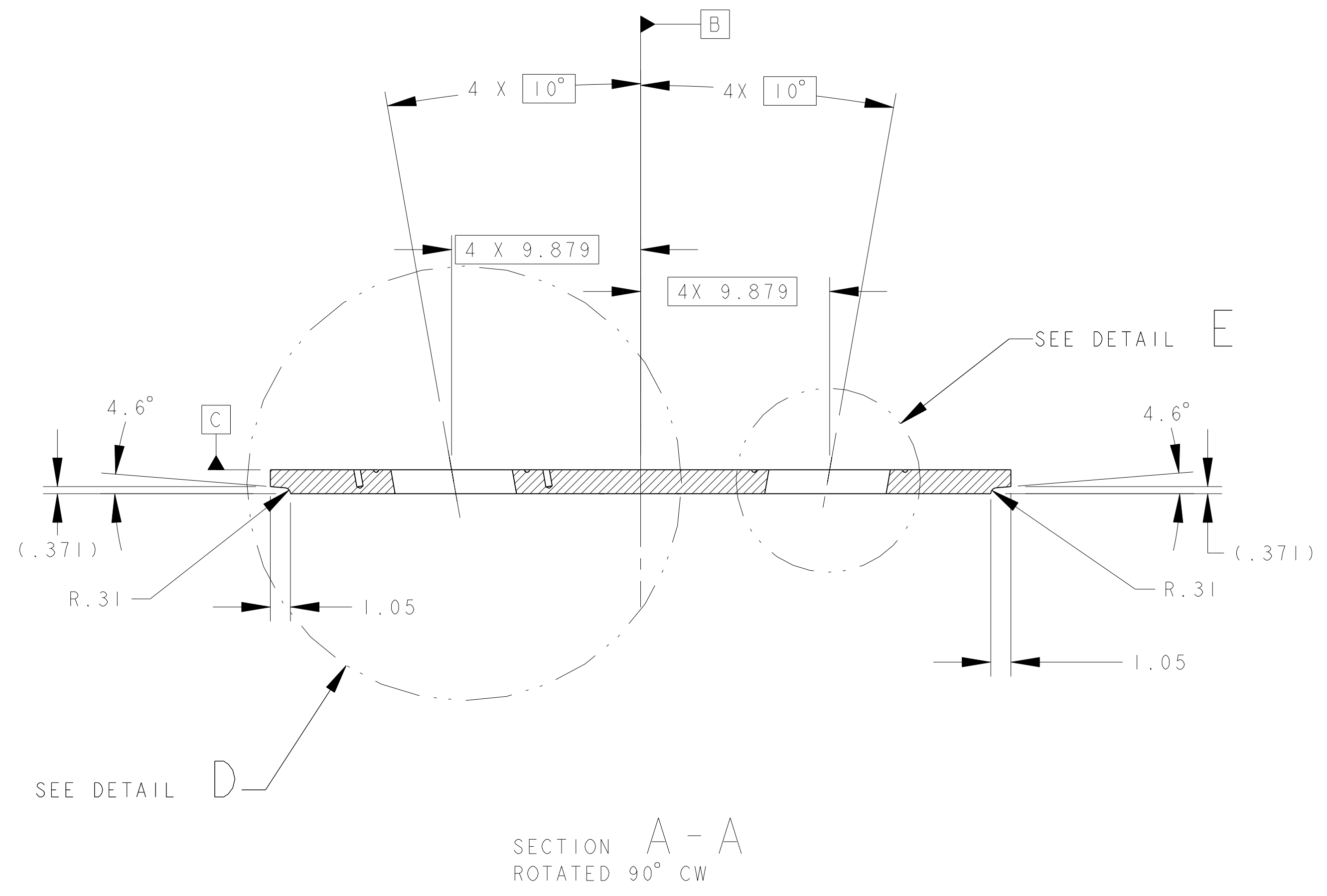
B

A

A



3/8-16 UNC - 26 TAP Ψ 0.750
5/16 DRILL (0.313) Ψ 1.000 - (1) HOLE
 Φ .030 A|B|C



ERNEST ORLANDO LAWRENCE BERKELEY NATIONAL LABORATORY UNIVERSITY OF CALIFORNIA - BERKELEY			
LHC IR FEEDBOX VACUUM			
TOP PLATE DFBX A, IPI LEFT			
MICROFILMED:	DRG. TYPE:	SHOW ON:	SCALE: 1/5
PART:	251146	SCALE:	1/5
PATENT CLEAR:	DESIGN ACCT. NO.:	CATEGORY CODE:	DRG. NO.:
	ZSLCE2	LH2002	2511456
SHEET 2 OF 3			REV.:
			A

8 7 6 5 4 3 2 1

2511456 A 2

D

C

B

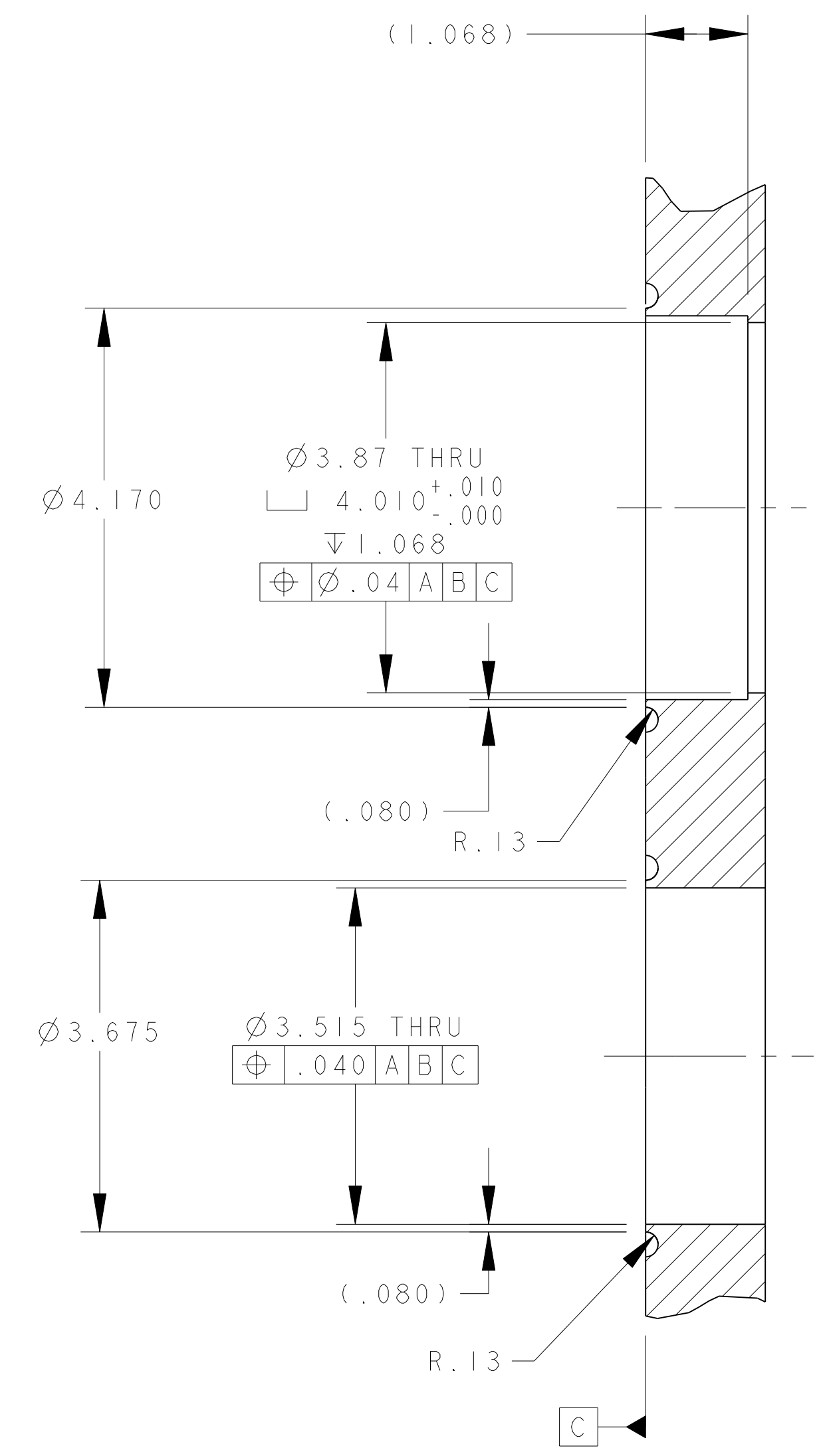
A

D

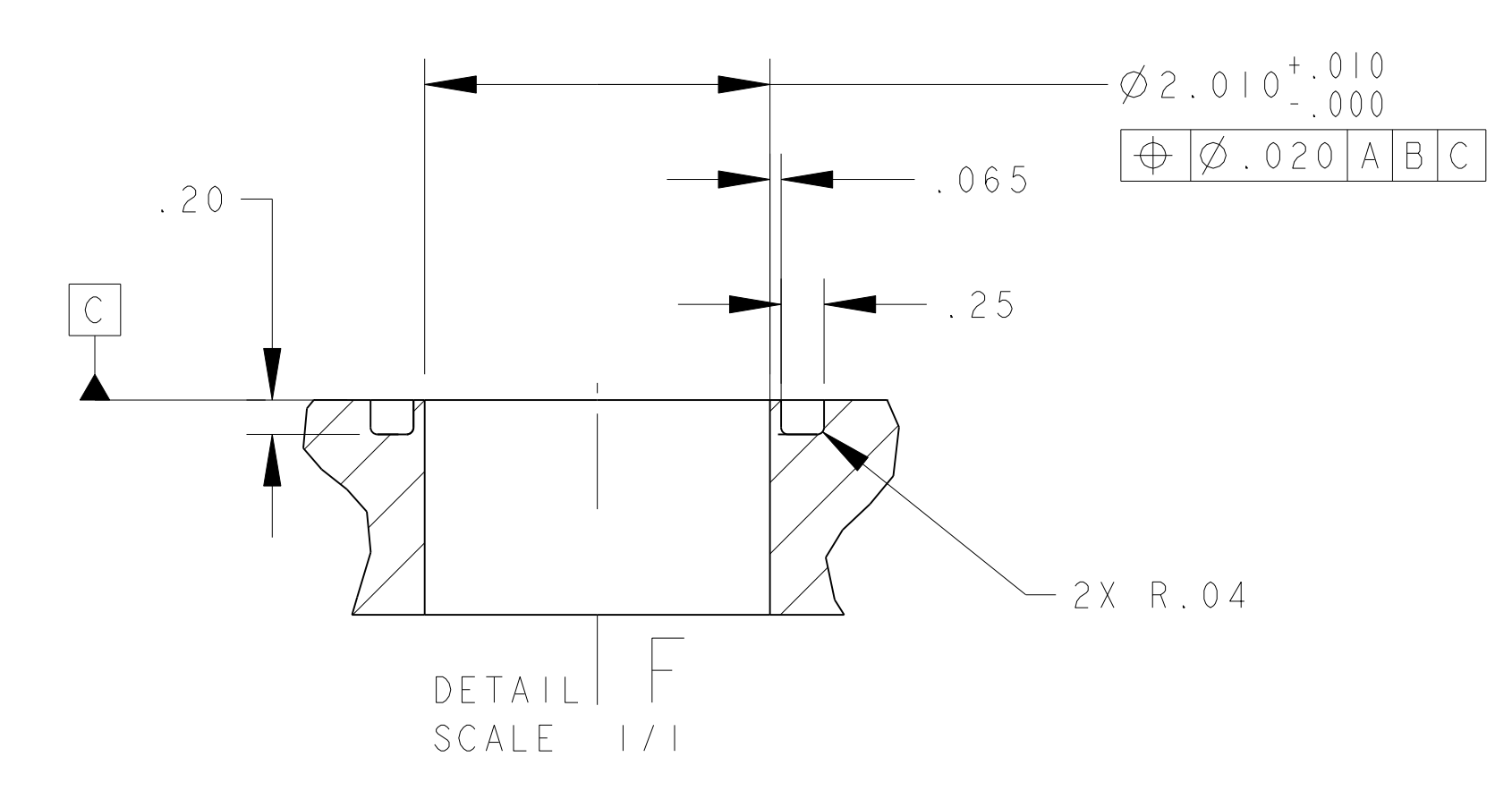
C

B

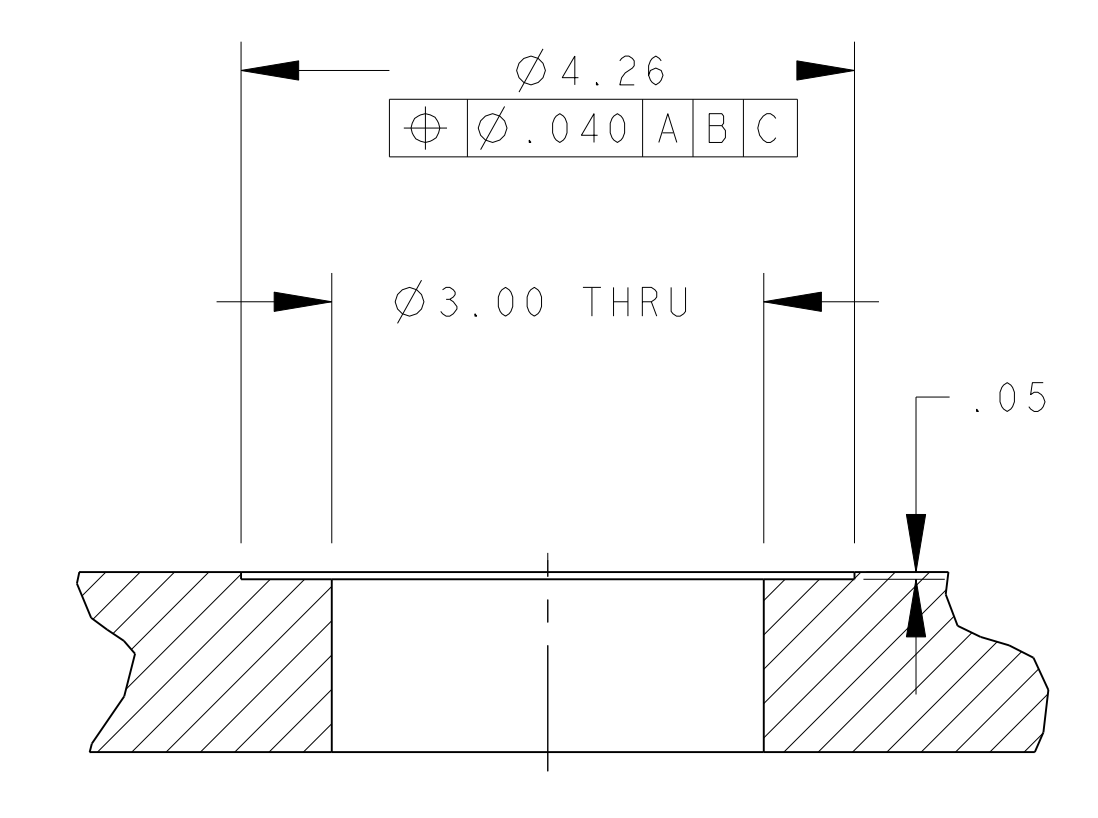
A



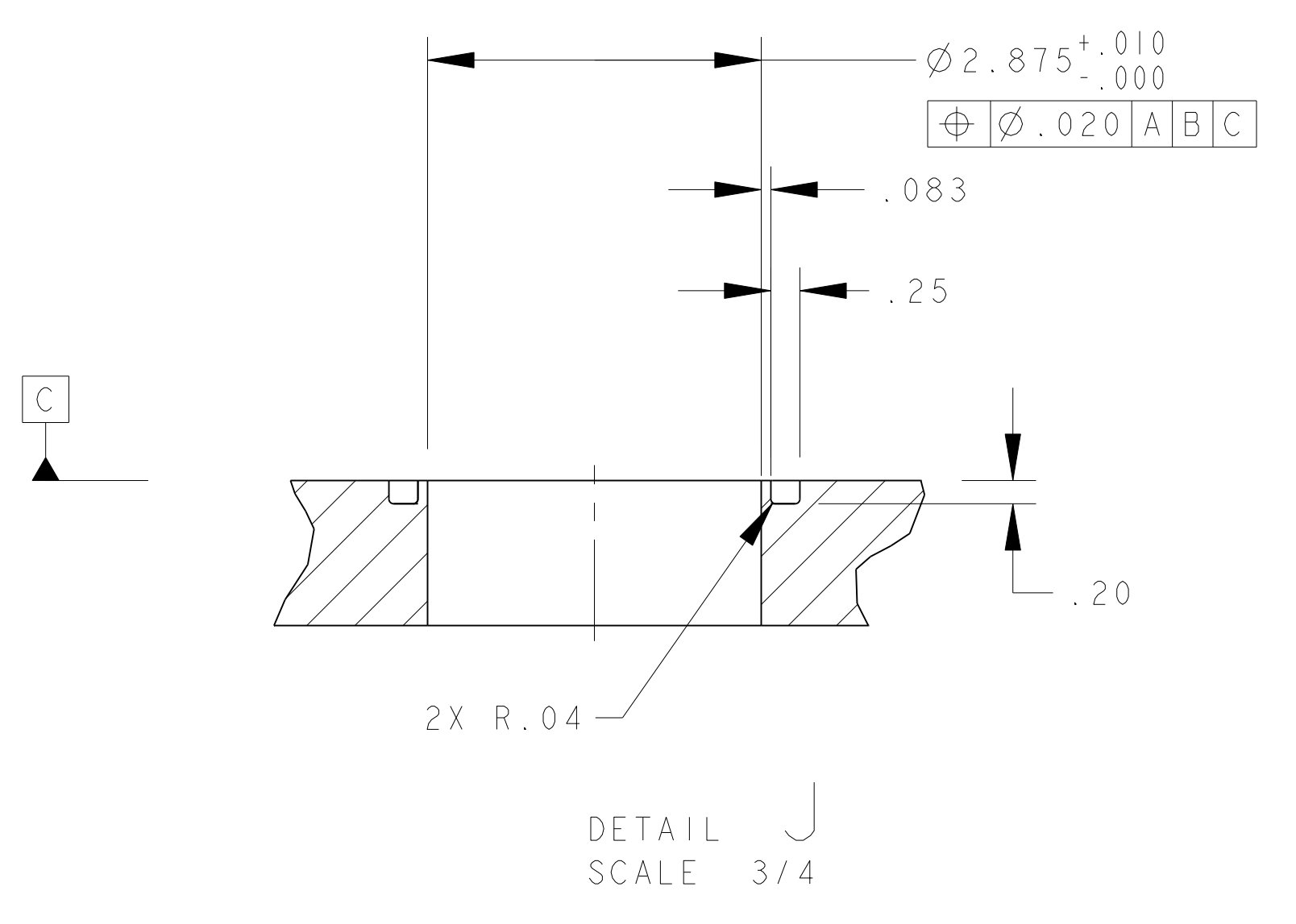
SECTION D - D
SCALE 3/4



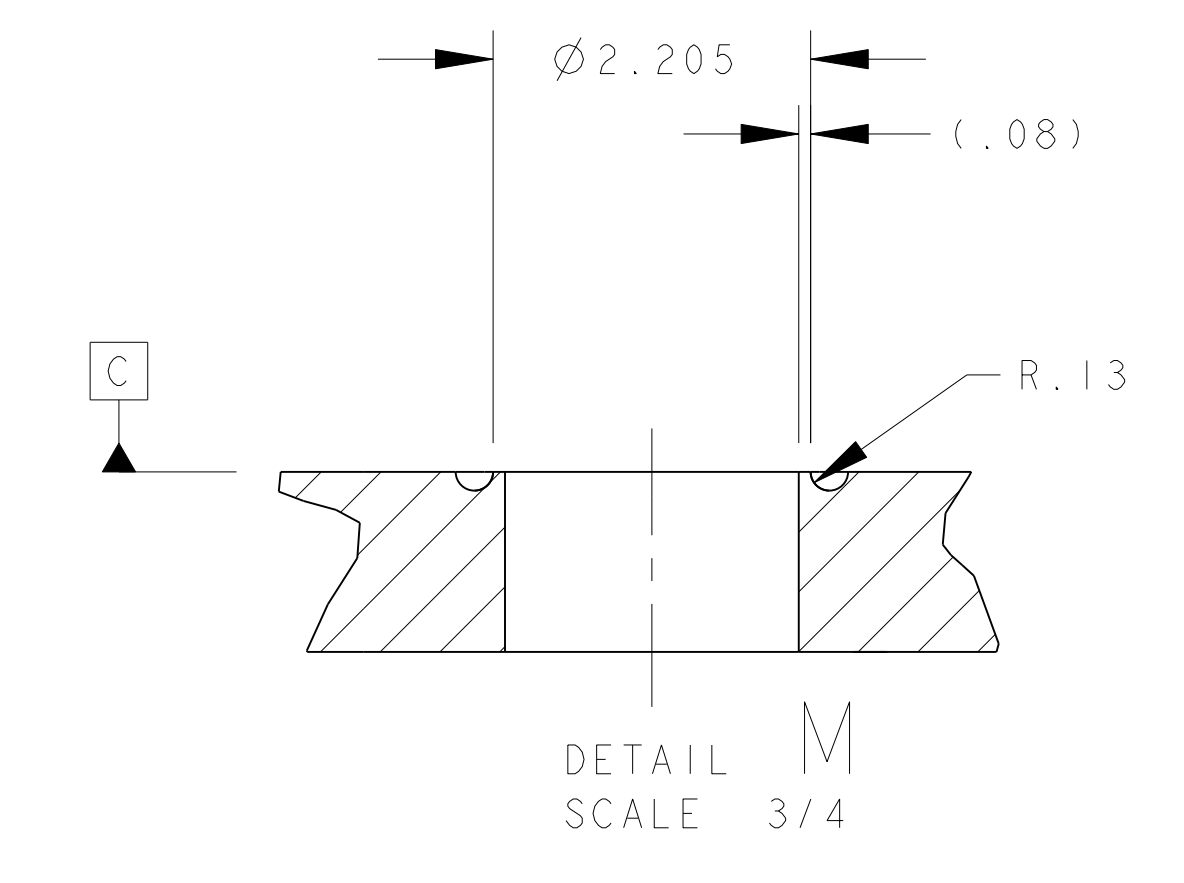
DETAIL F
SCALE 1/1



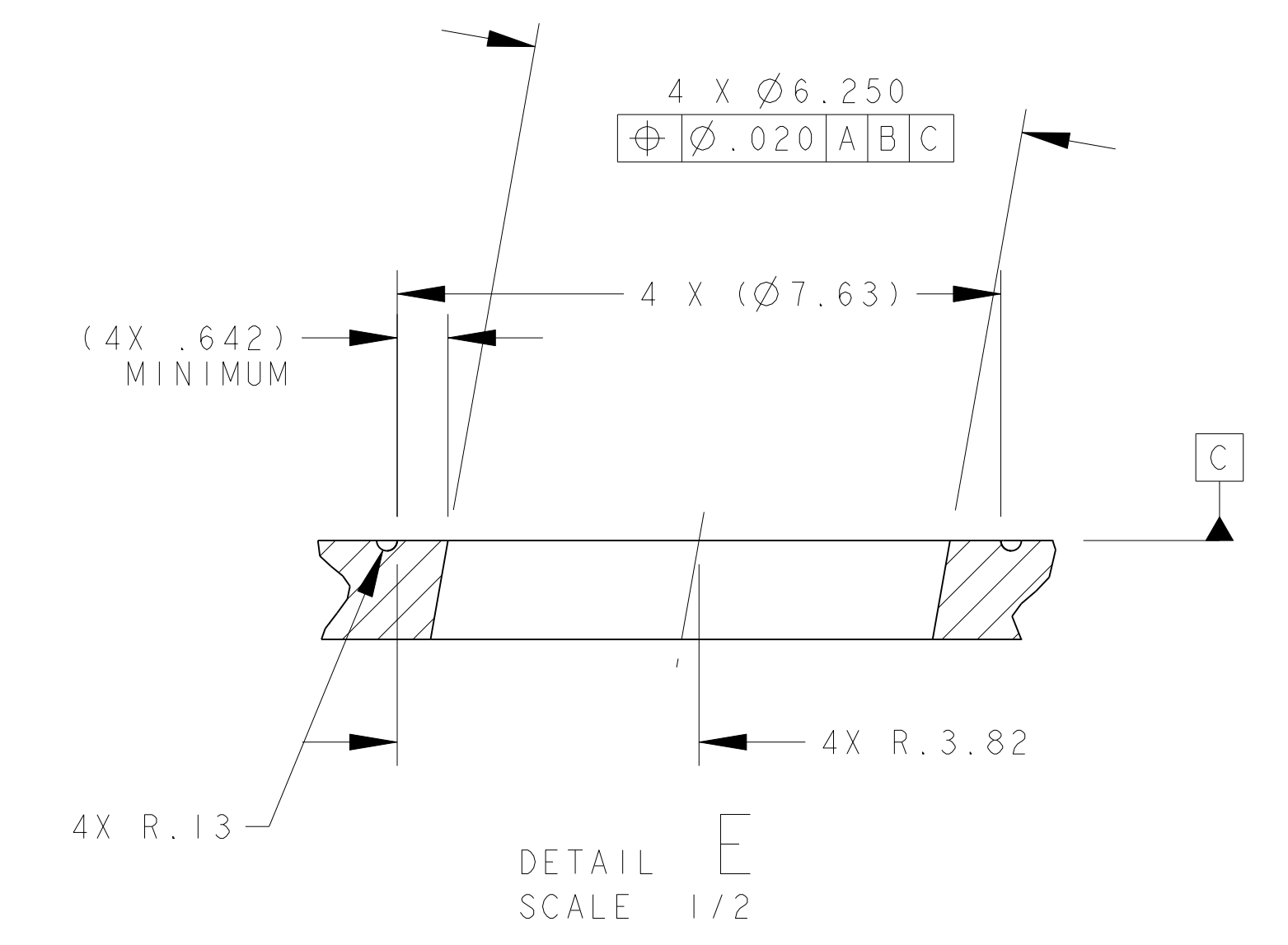
SECTION C - C
SCALE 3/4



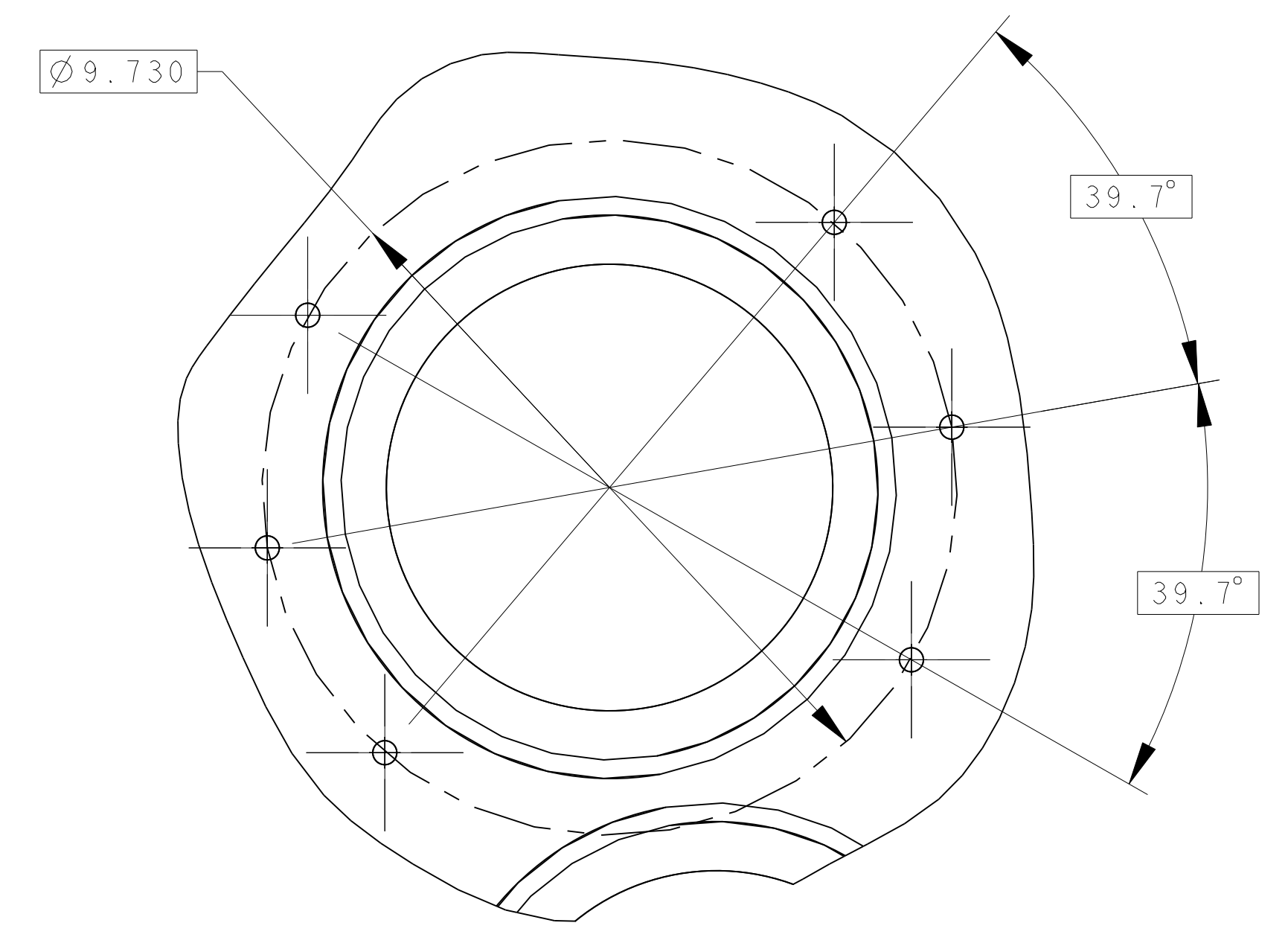
DETAIL J
SCALE 3/4



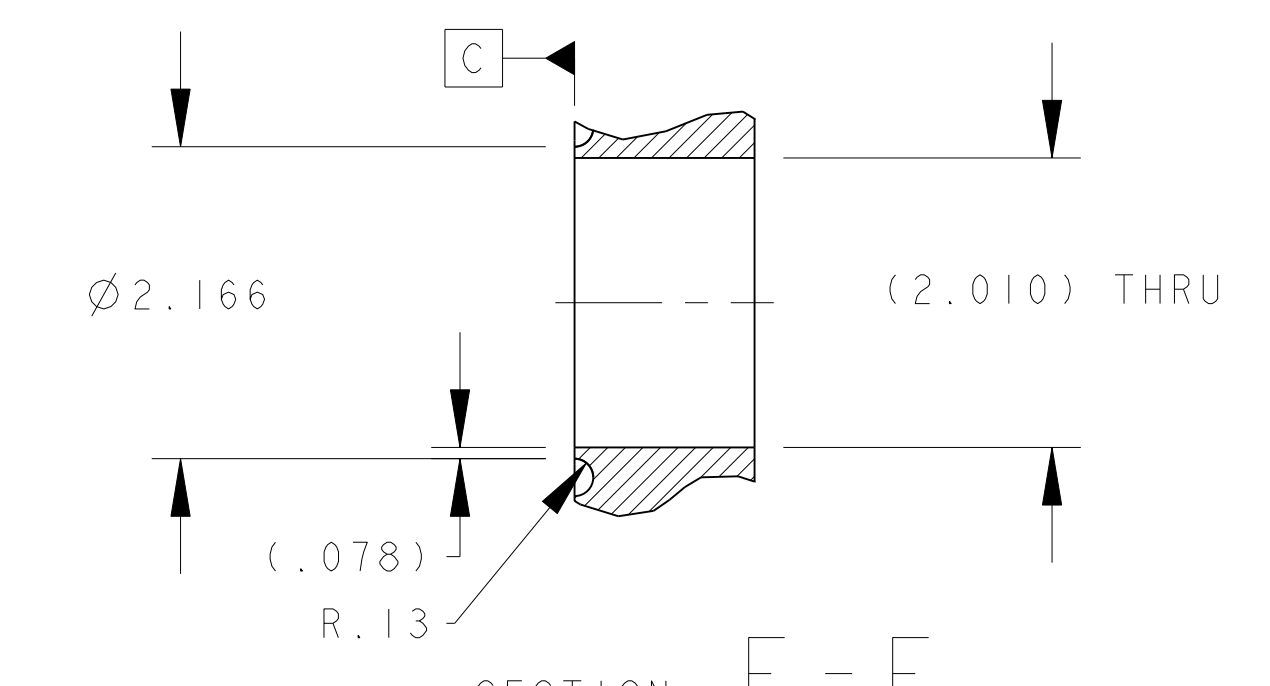
DETAIL M
SCALE 3/4



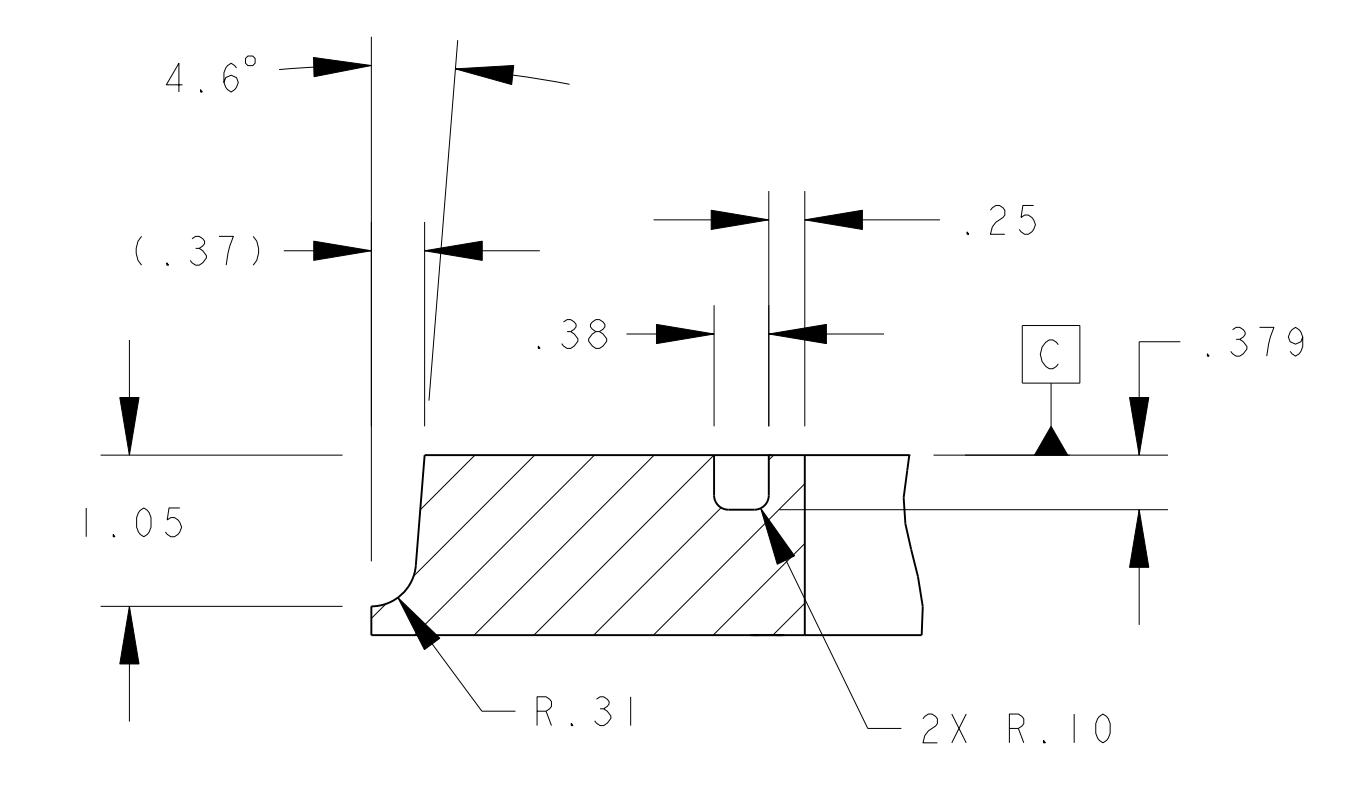
DETAIL E
SCALE 1/2



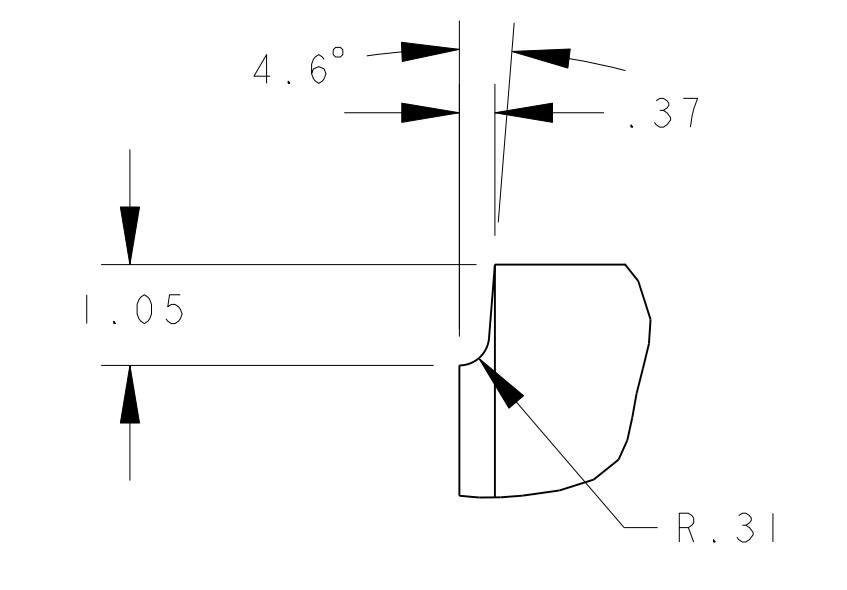
VIEW F - F
SCALE 1/2
4 PLACES



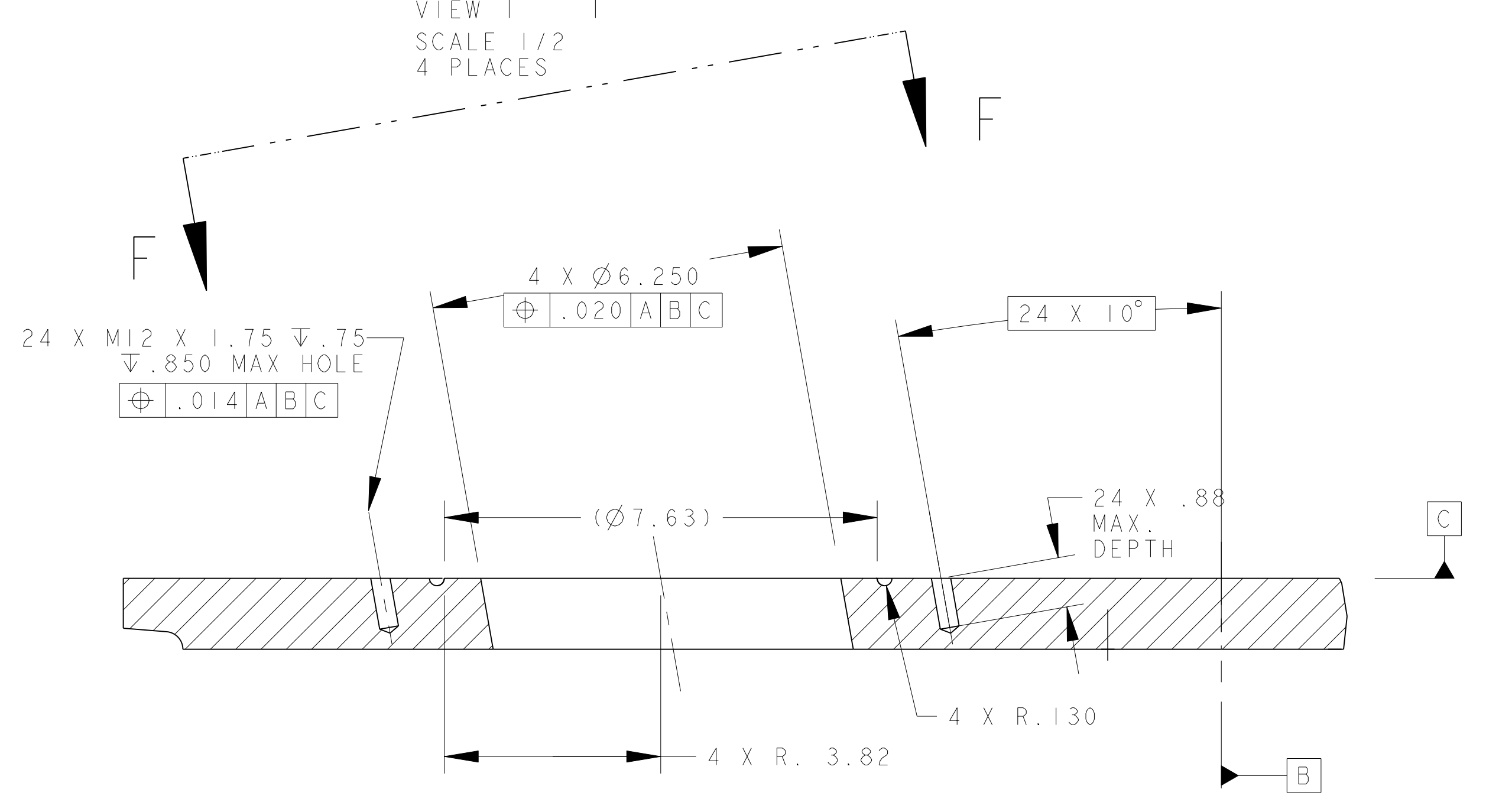
SECTION E - E
SCALE 3/4



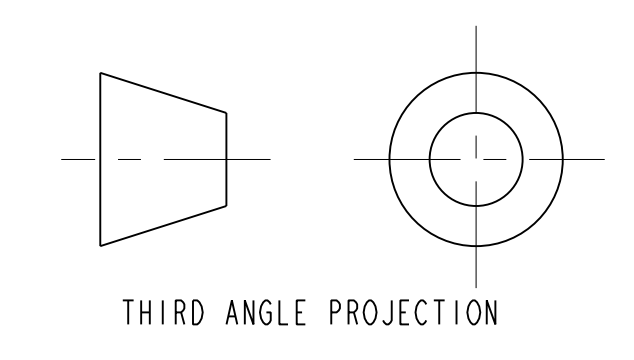
DETAIL K
SCALE 3/4



DETAIL L
SCALE 1/2
4 PLACES



DETAIL D
SCALE 1/2



THIRD ANGLE PROJECTION

ERNEST ORLANDO LAWRENCE				UNIVERSITY OF CALIFORNIA - BERKELEY	
LHC IR FEEDBOX					
VACUUM					
TOP PLATE DFBX A, IPI LEFT					
MICROFILMED:	DWG. TYPE:	SHOWN ON:	SCALE:	1/5	DO NOT ENL. PRINTS
	PART:	251146			
PATENT CLEAR:	DESIGN ACCT. NO.	CATEGORY CODE:	DWG. NO.:	2511456	SIZE REV.:
	ZSLCE2	LH2002			A

DRAWING NO. 2511456 SHEET 3 OF 3