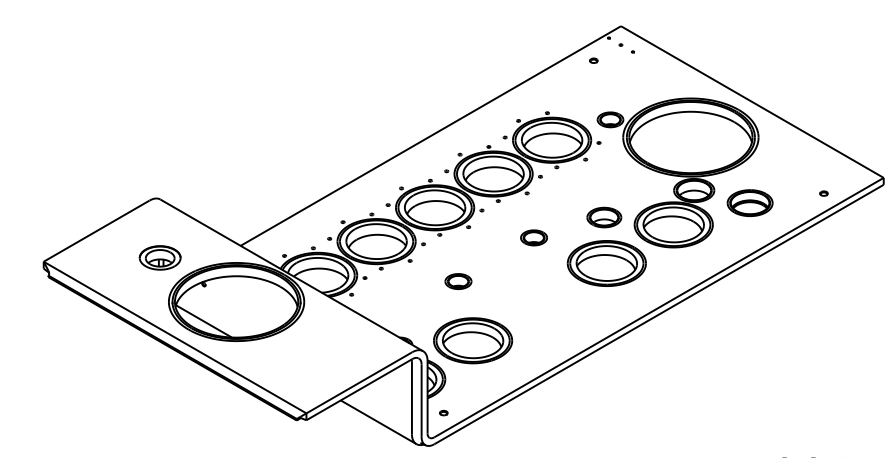
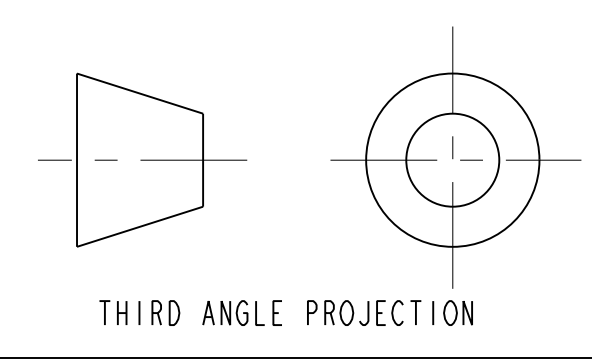
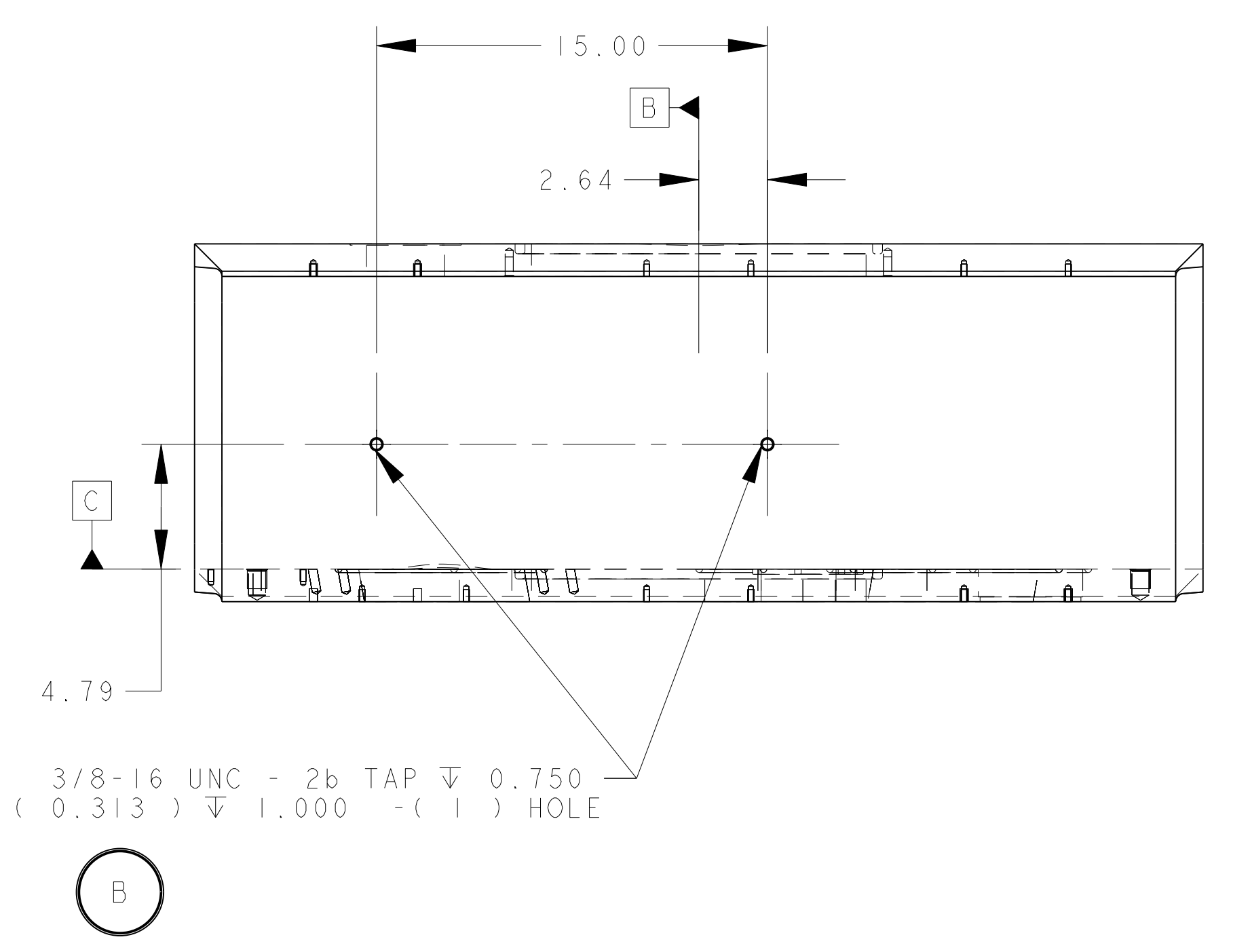
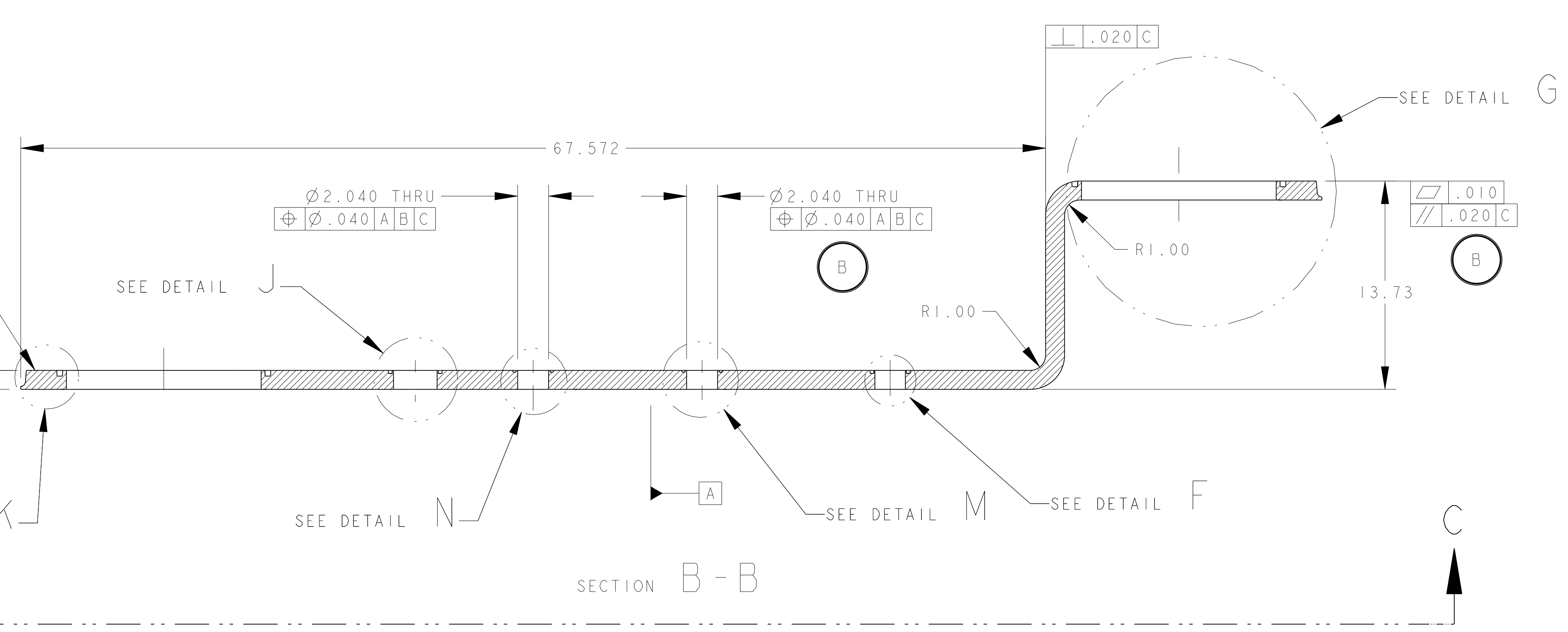
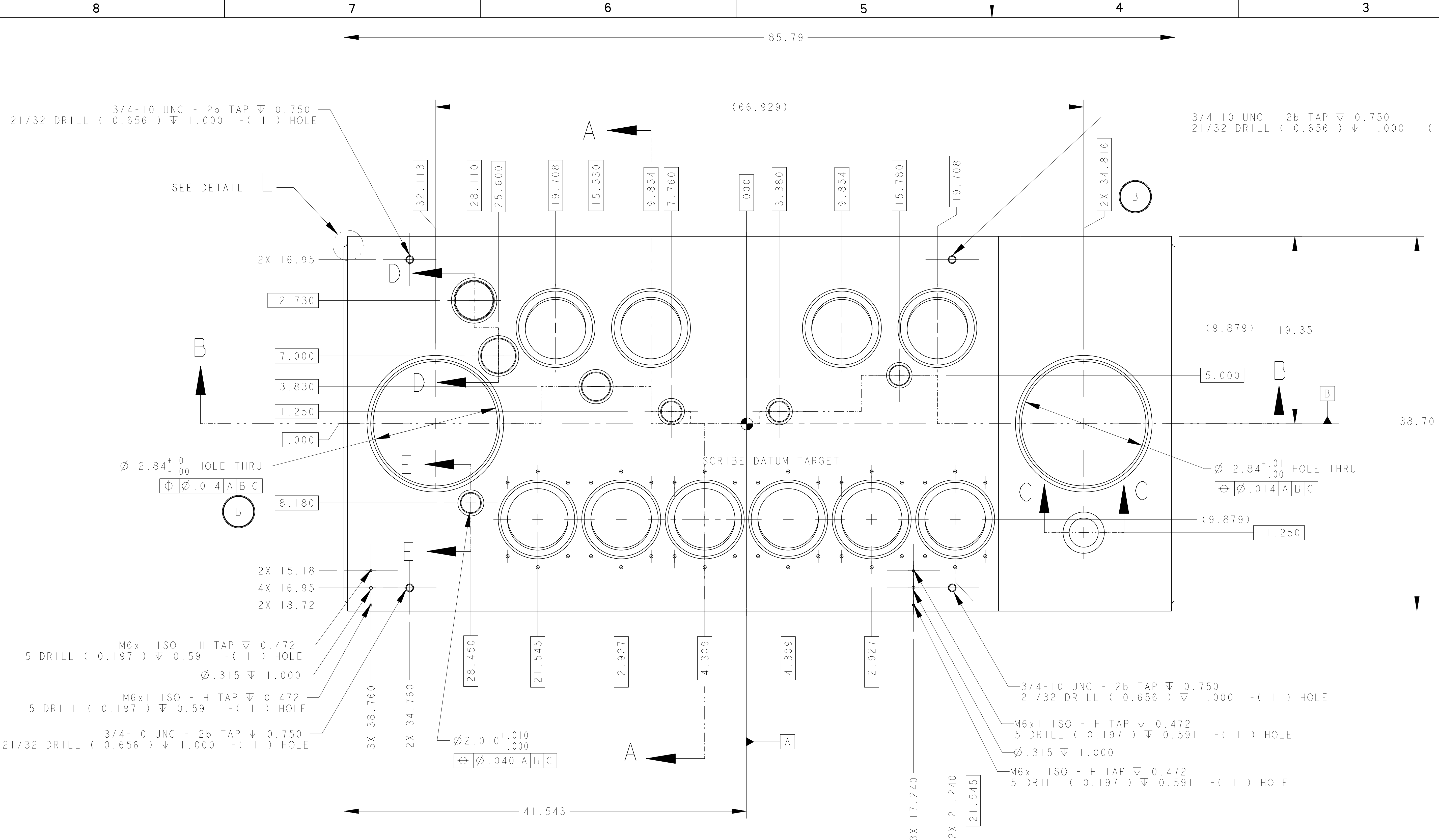


- NOTES: UNLESS OTHERWISE SPECIFIED,
1. BLANCHARD GRIND PLATE, DATUM -C- SIDE BEFORE MACHINING MINIMUM CLEANUP.
 2. DIMENSIONS AND TOLERANCING PER ANSI Y14.5M-1982 UNITS ARE IN INCHES UNLESS OTHERWISE SPECIFIED.
 3. USE OF SULFUR OR SILICONE BEARING OILS, LUBRICANTS, OR COOLANTS ARE STRICTLY PROHIBITED.
 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 1/20



REV	DATE	DESCRIPTION
B	JDR/DPO 11/12/02	ADDED XB MOUNTING HOLE, MOVED CHECK VALVE PORT, CHANGED FORMAT
A	JDR/DPO 01/17/02	INITIAL RELEASE

UNLESS OTHERWISE SPECIFIED	SHOP ORDERS	SEA	NO
X.X ± 0.1	FRAC. ± 1/64	NO	NO
X.XX ± 0.03	ANGLES ± 1.00°	NO	NO
X.XXX ± 0.010	FINISH: 125	NO	NO
DO NOT SCALE PRINT			
TOLERANCES ARE CLASS 1			
CHAMFER ENDS OF ALL SCREW THREADS 30°			
OBT. ROUNDS, 1.5 THREAD RELIEF ON MACHINED THREADS			
BREAK EDGES .015 MAX. ON MACHINED WORK			
REMOVE BURRS, WELD SPATTER & LOOSE SCALE			
IN ACCORDANCE WITH ADME 114-SM-1-ENG-1			

PLATE, HOT ROLLED, ANNEALED, PICKLED PER ASTM A-240	304L SS	
DESCRIPTION	MATERIAL	MAT. LOCATION
ERNEST ORLANDO LAWRENCE UNIVERSITY OF CALIFORNIA - BERKELEY		
LHC IR FEEDBOX	VACUUM	
TOP PLATE DBX C & G, IP 2 & 8 LEFT		
MICROFILMED:	DWG. TYPE	SCALE: 1/5
PART		
DATE: 22-Aug-01	DATE: 04-APR-02	DATE: 04-APR-02
DESIGNER: JON ZBASNIK	PATENT CLEAR:	DESIGN ACCT. NO:
CHECKED: JON ZBASNIK	DATE: 04-APR-02	CATEGORY CODE:
DATE: 04-APR-02		

8 7 6 5 4 3 2 1

D

C

B

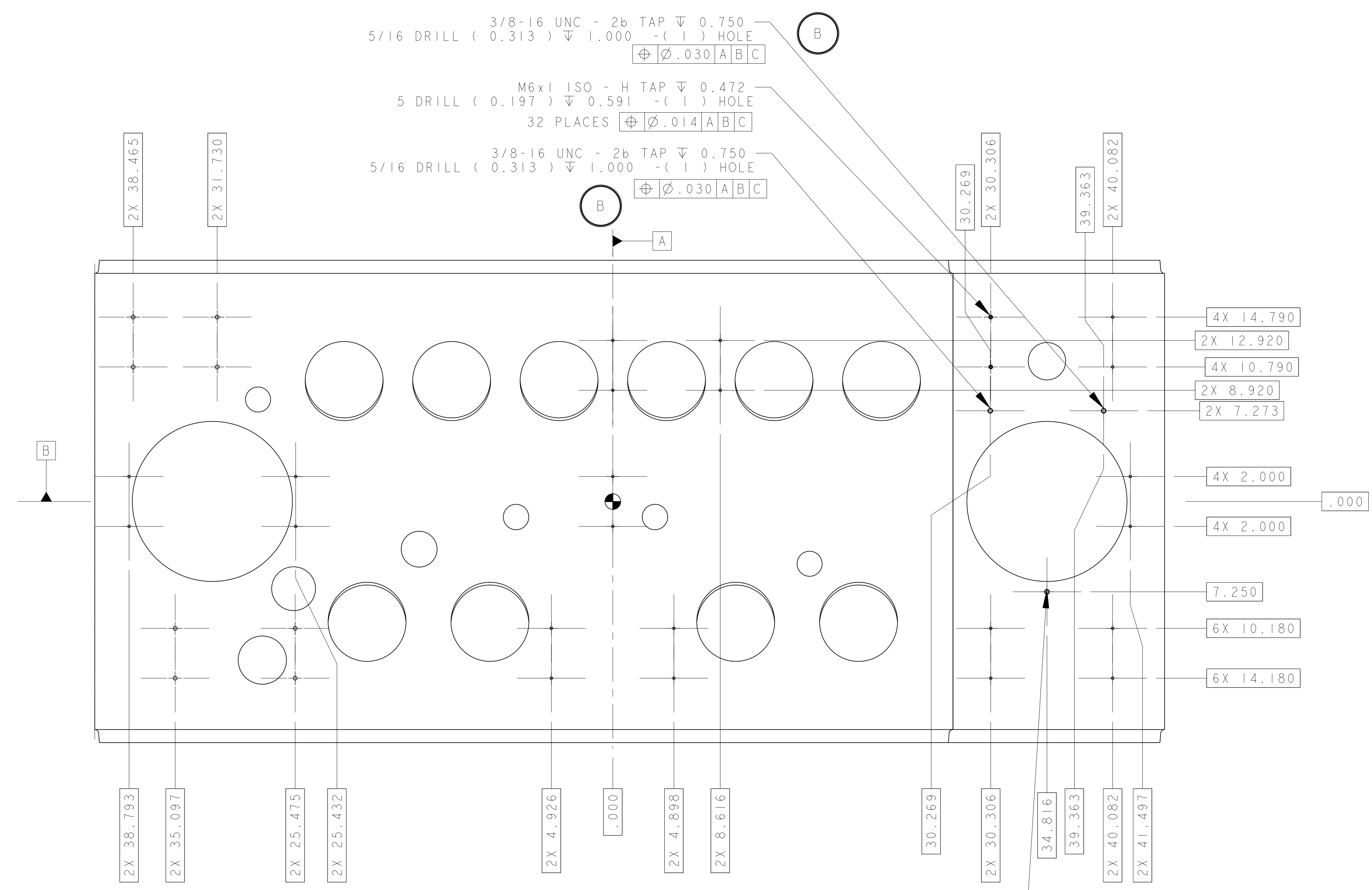
A

D

C

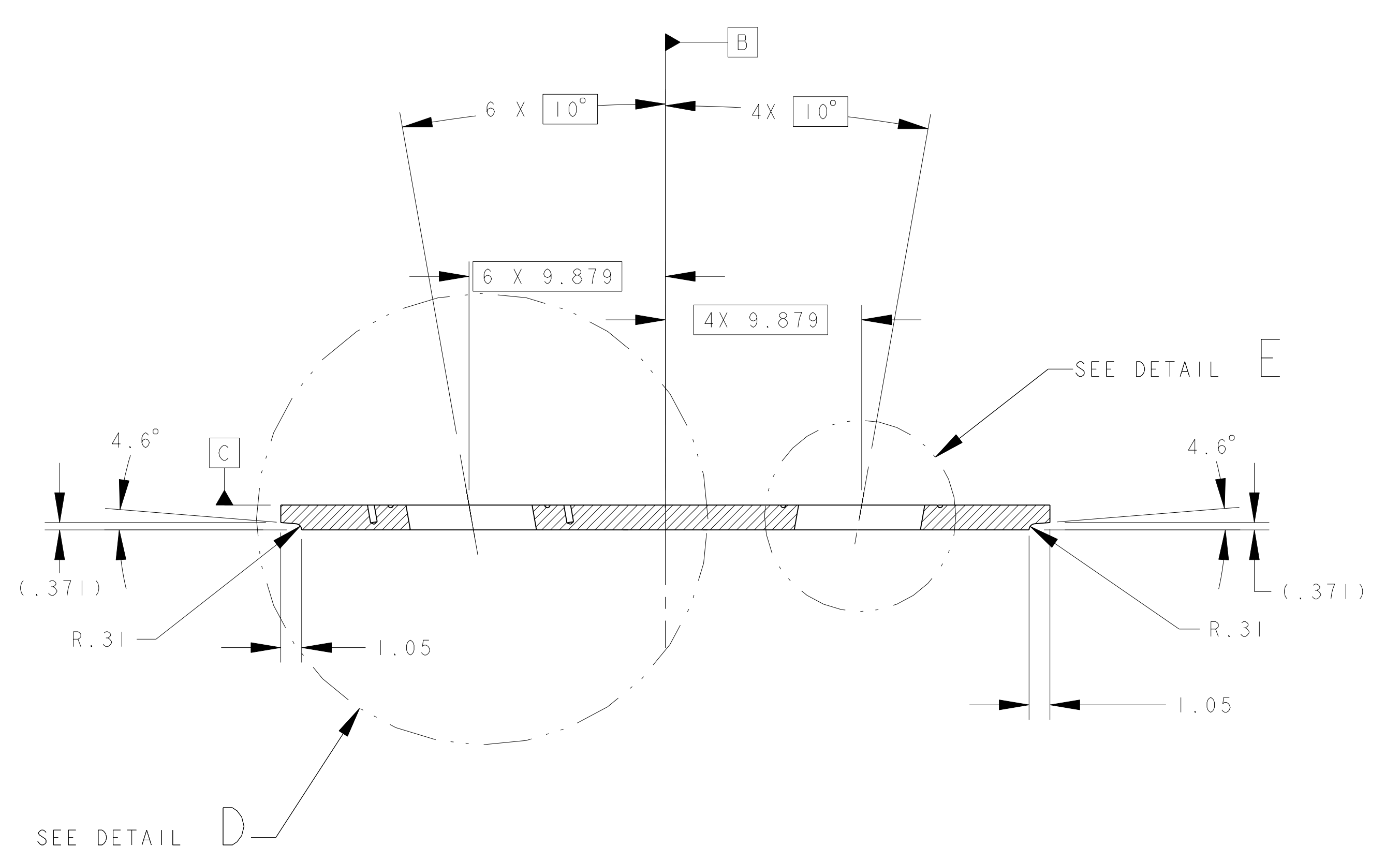
B

A

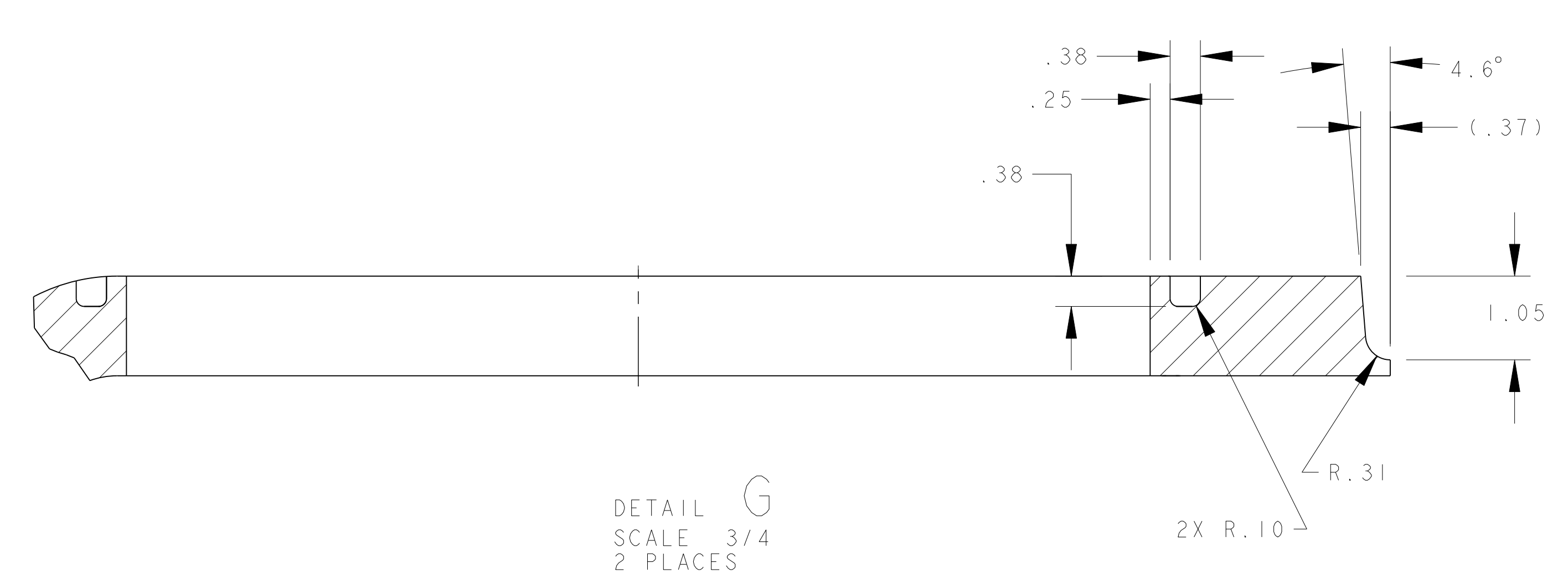


VIEW C-C

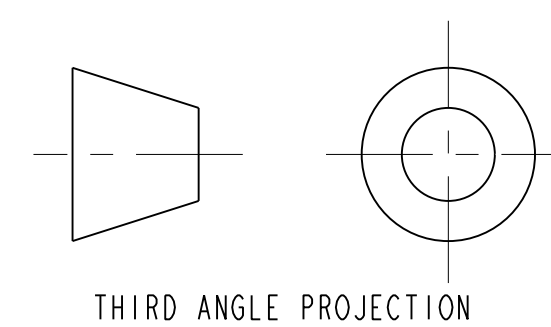
3/8-16 UNC - 2b TAP ∇ 0.750
5/16 DRILL (0.313) ∇ 1.000 - (1) HOLE



SECTION A-A
ROTATED 90° CW



DETAIL G
SCALE 3/4
2 PLACES



THIRD ANGLE PROJECTION

ERNEST ORLANDO LAWRENCE UNIVERSITY OF CALIFORNIA - BERKELEY			
LHC IR FEEDBOX VACUUM			
TOP PLATE DBX C & G, IP 2 & 8 LEFT			
MICROFILMED:	DWG. TYPE:	SCALE:	DO NOT SCALE PRINTS
PART:	SHOWN ON:	1/5	
SHEET 2 OF 3			REV. 3
PATENT CLEAR:	DESIGN ACCT. NO:	CATEGORY CODE:	DWG. NO. 2511346
ZSLCE2	LH2002		SIZE: B

8 7 6 5 4 3 2 1

2511346 B 2

8 7 6 5 4 3 2 1

D

C

B

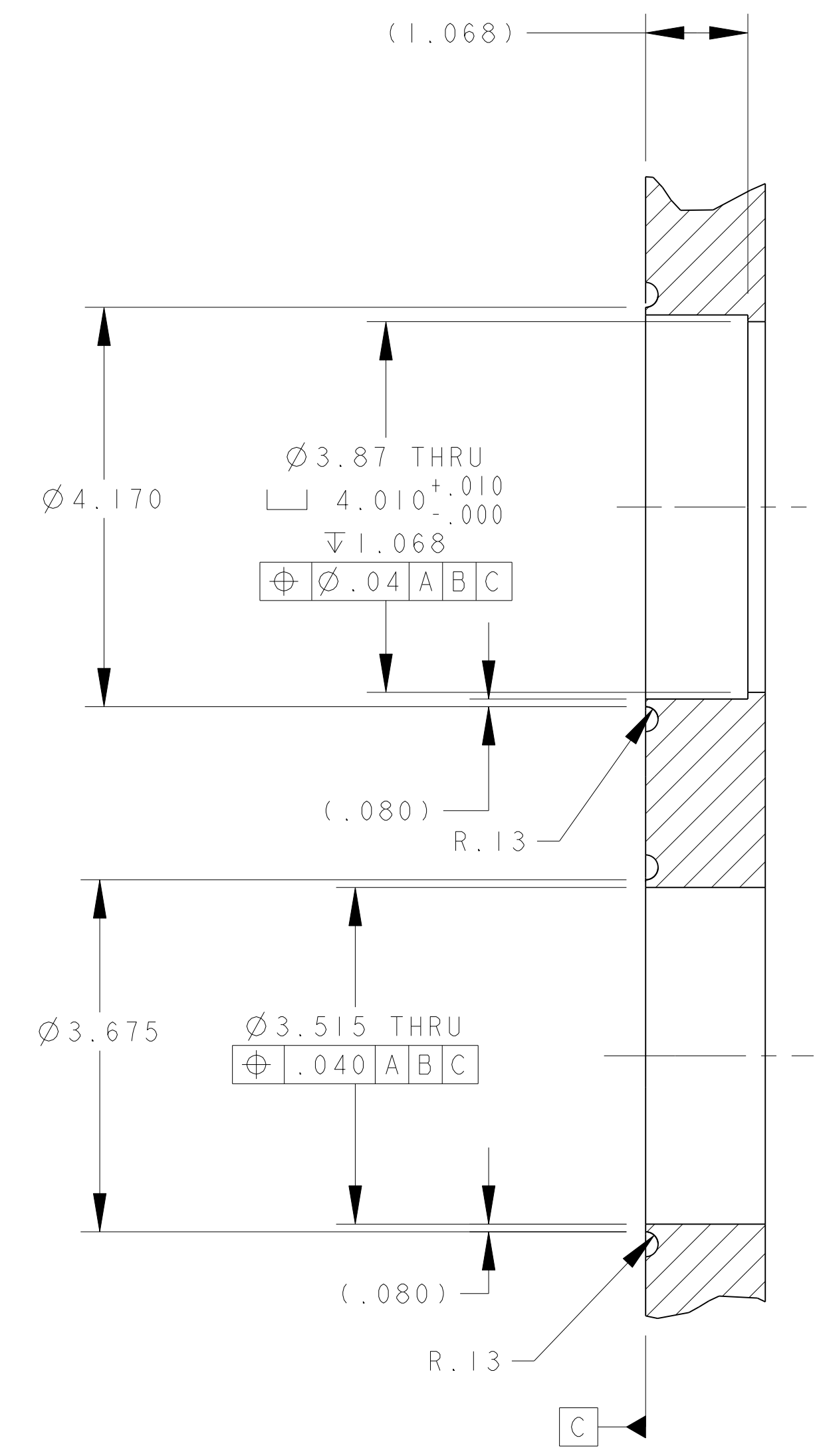
A

D

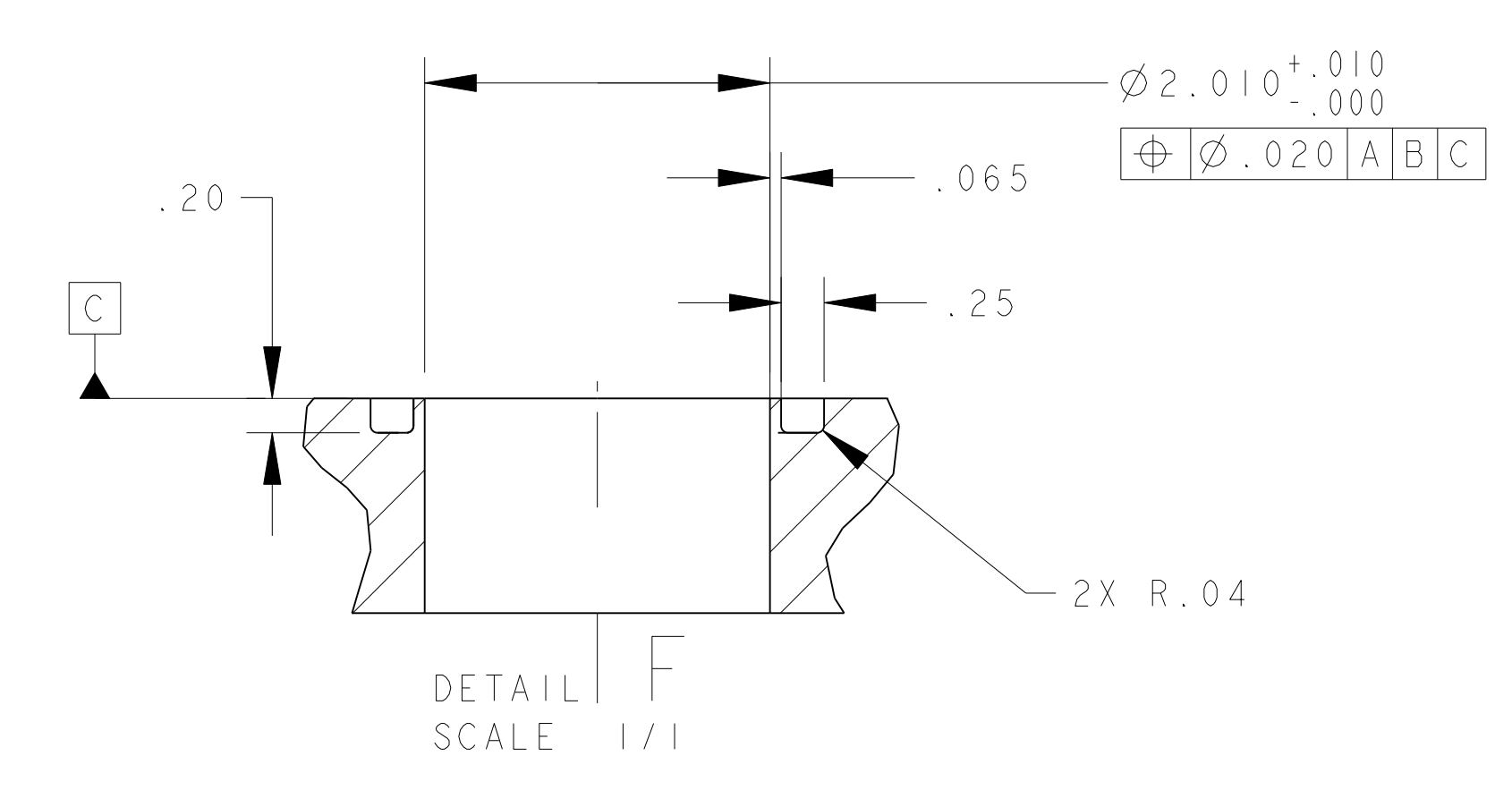
C

B

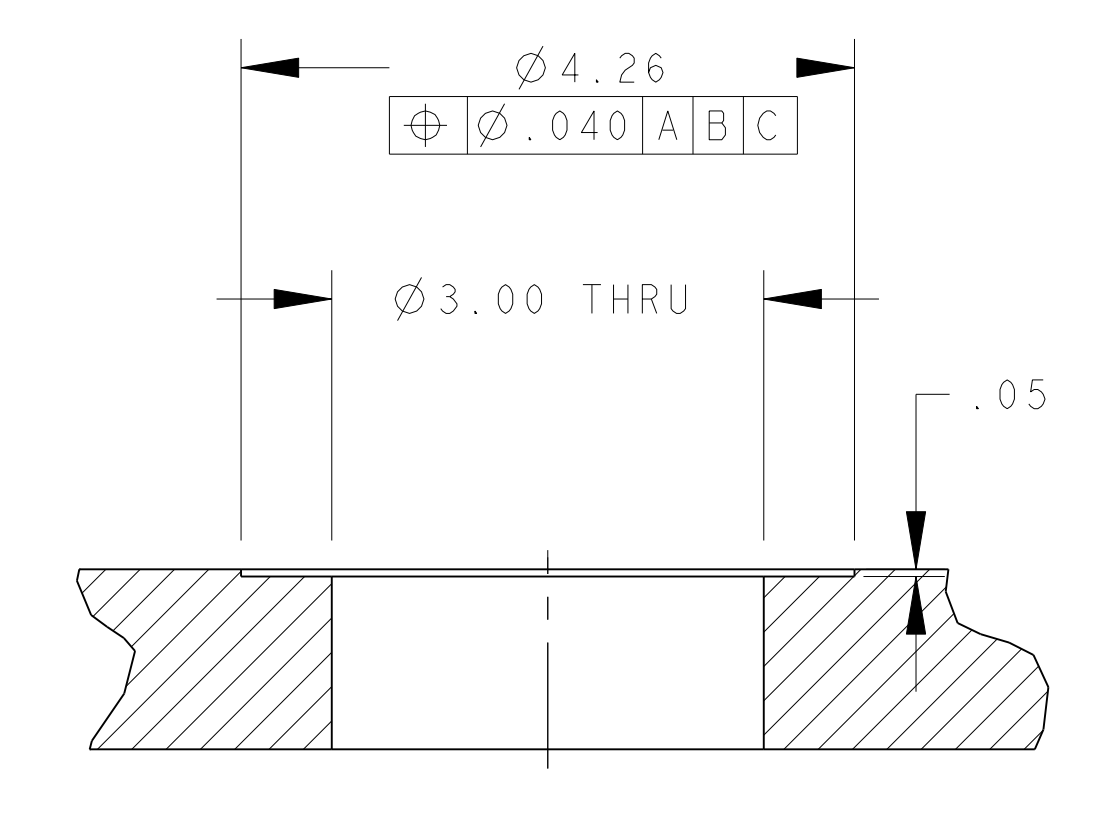
A



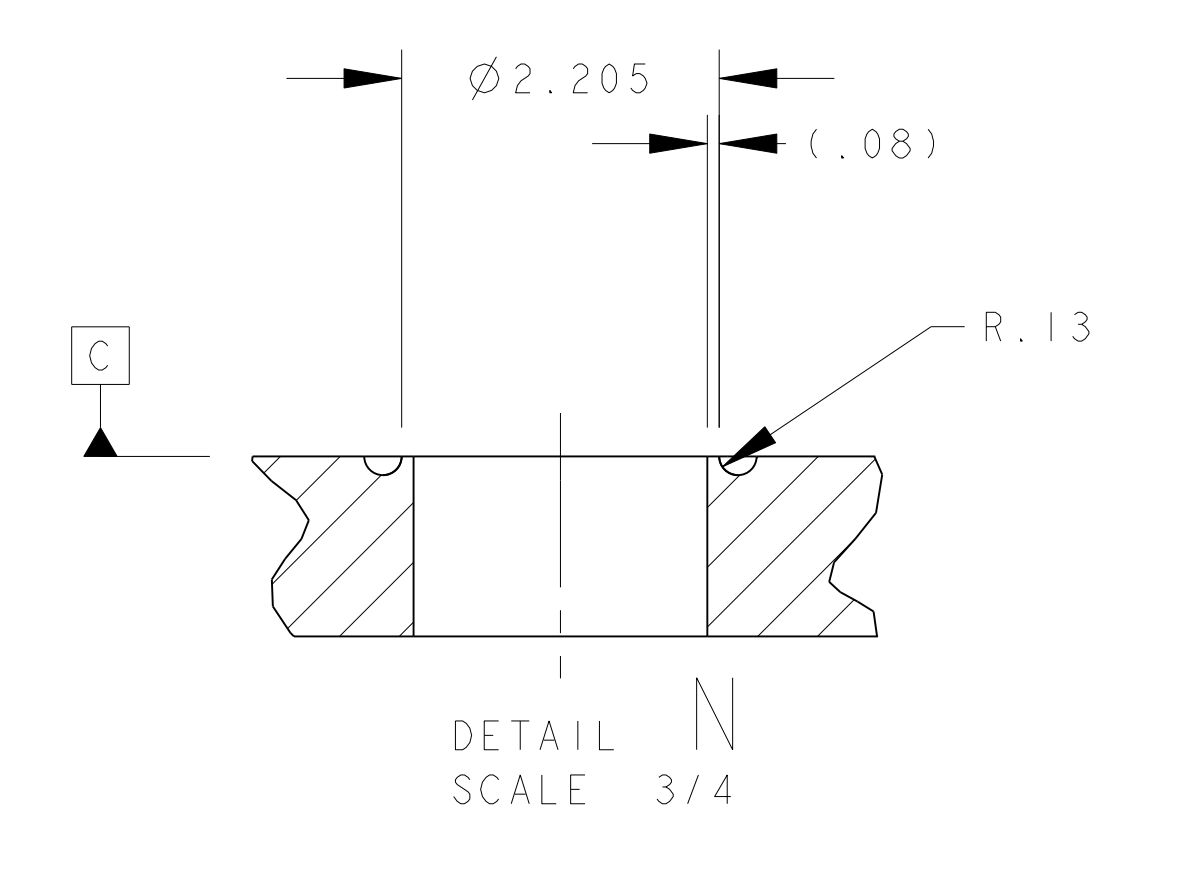
SECTION D-D
SCALE 3/4



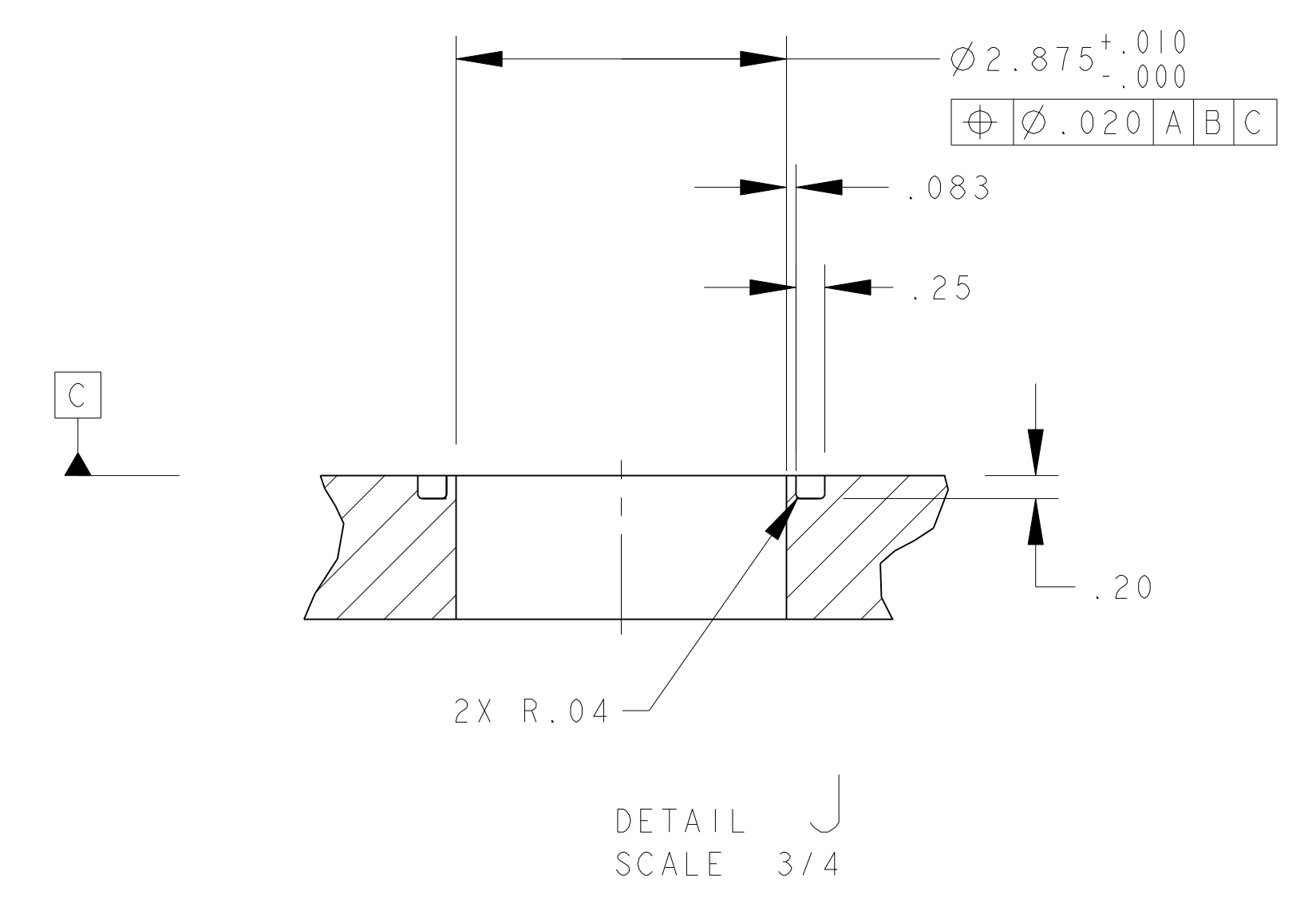
DETAIL F
SCALE 1/1



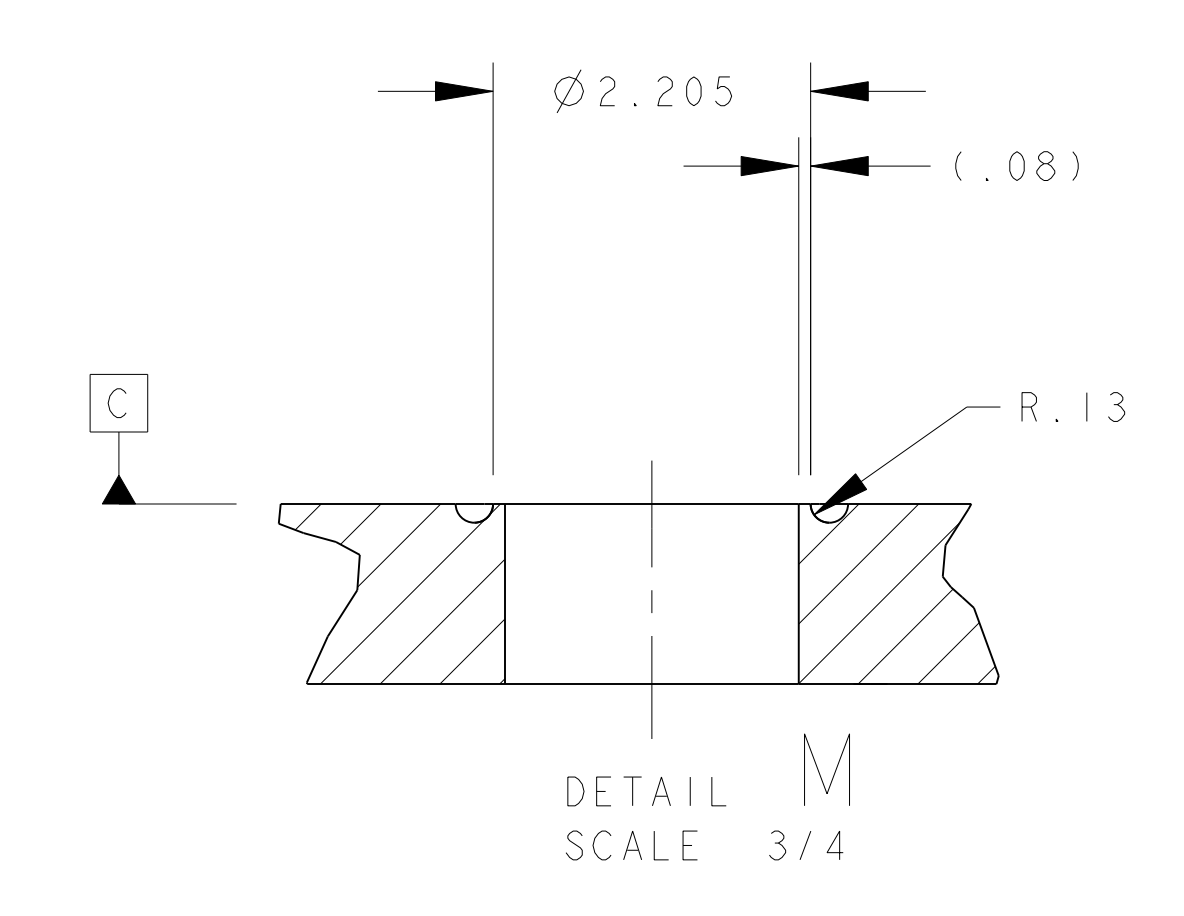
SECTION C-C
SCALE 3/4



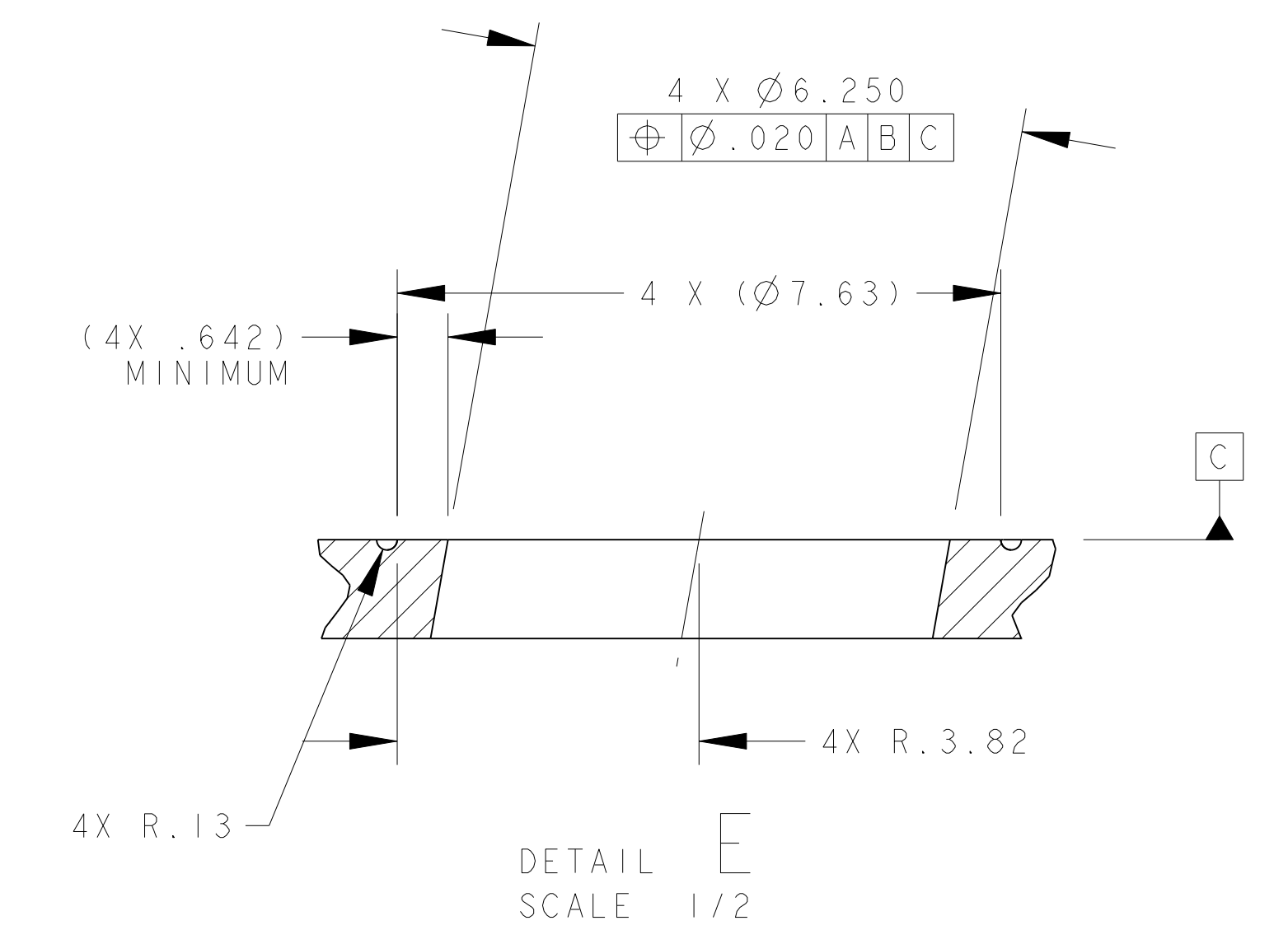
DETAIL N
SCALE 3/4



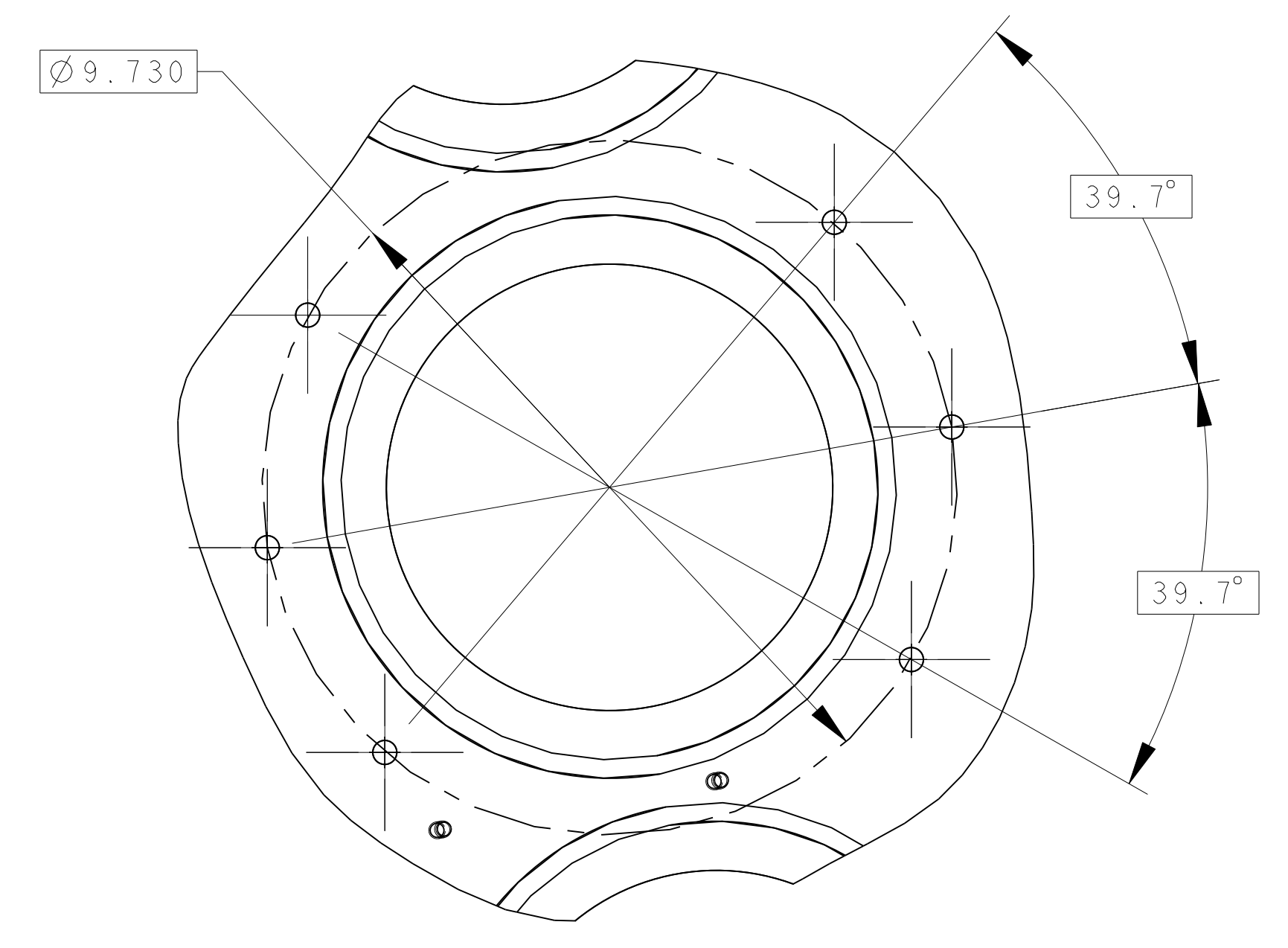
DETAIL J
SCALE 3/4



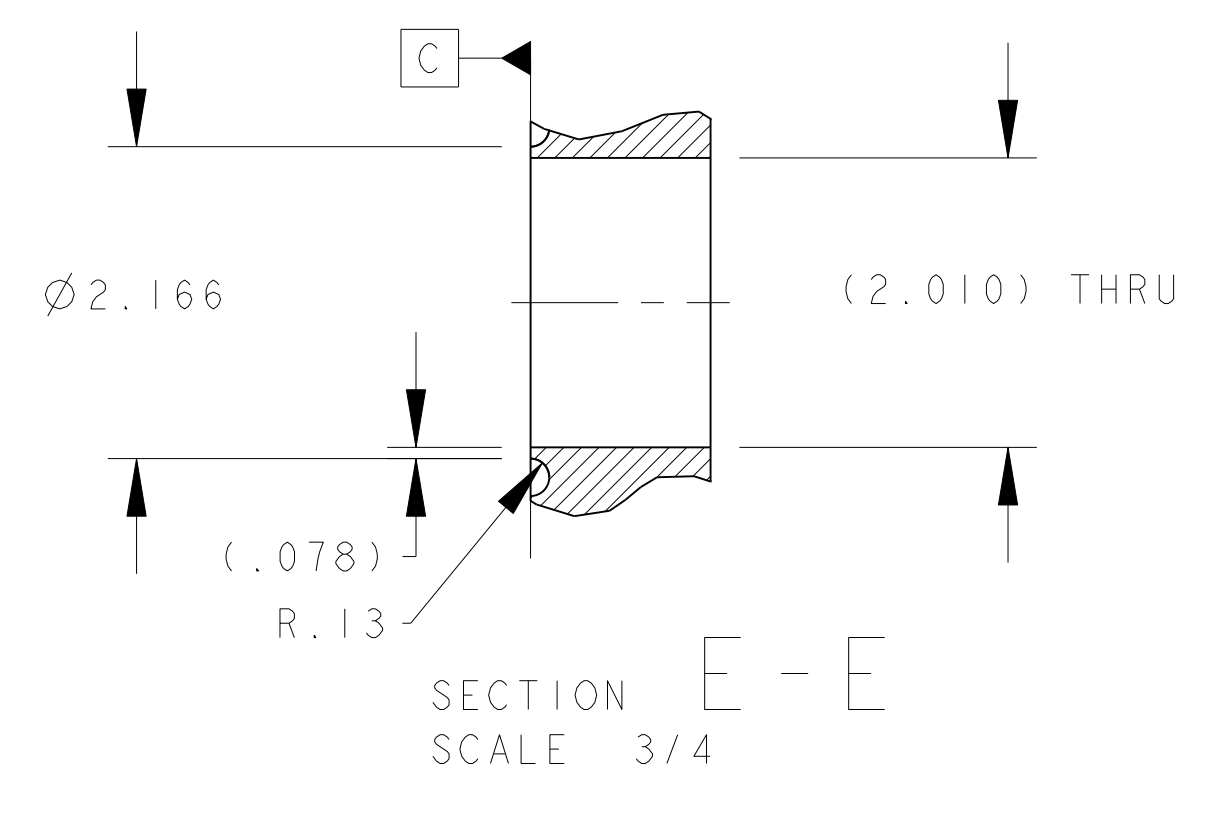
DETAIL M
SCALE 3/4



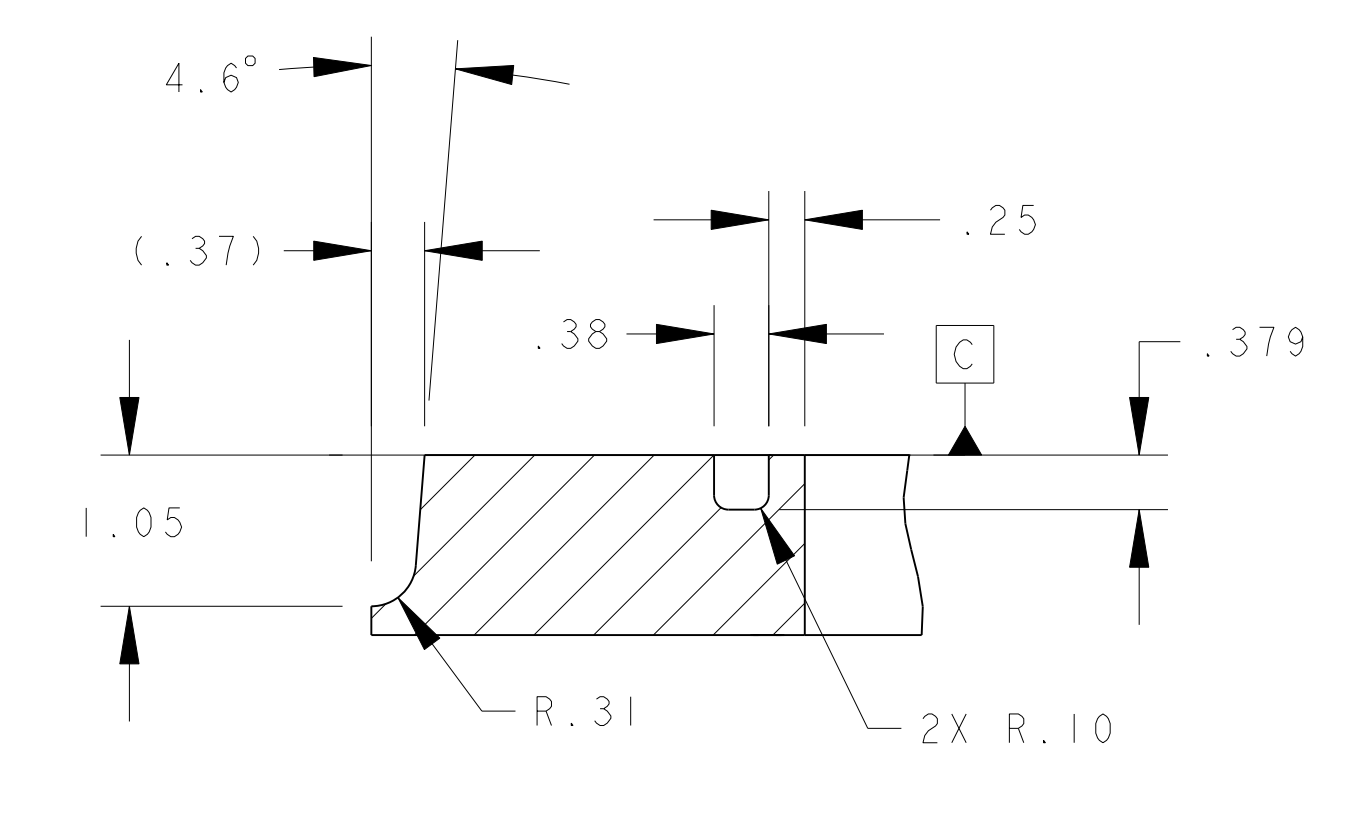
DETAIL E
SCALE 1/2



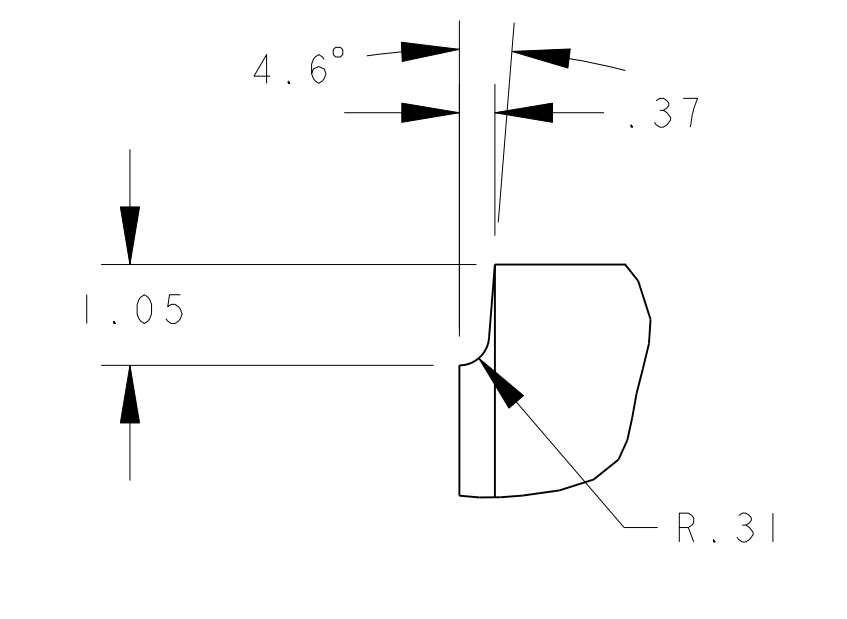
VIEW F-F
SCALE 1/2
6 PLACES



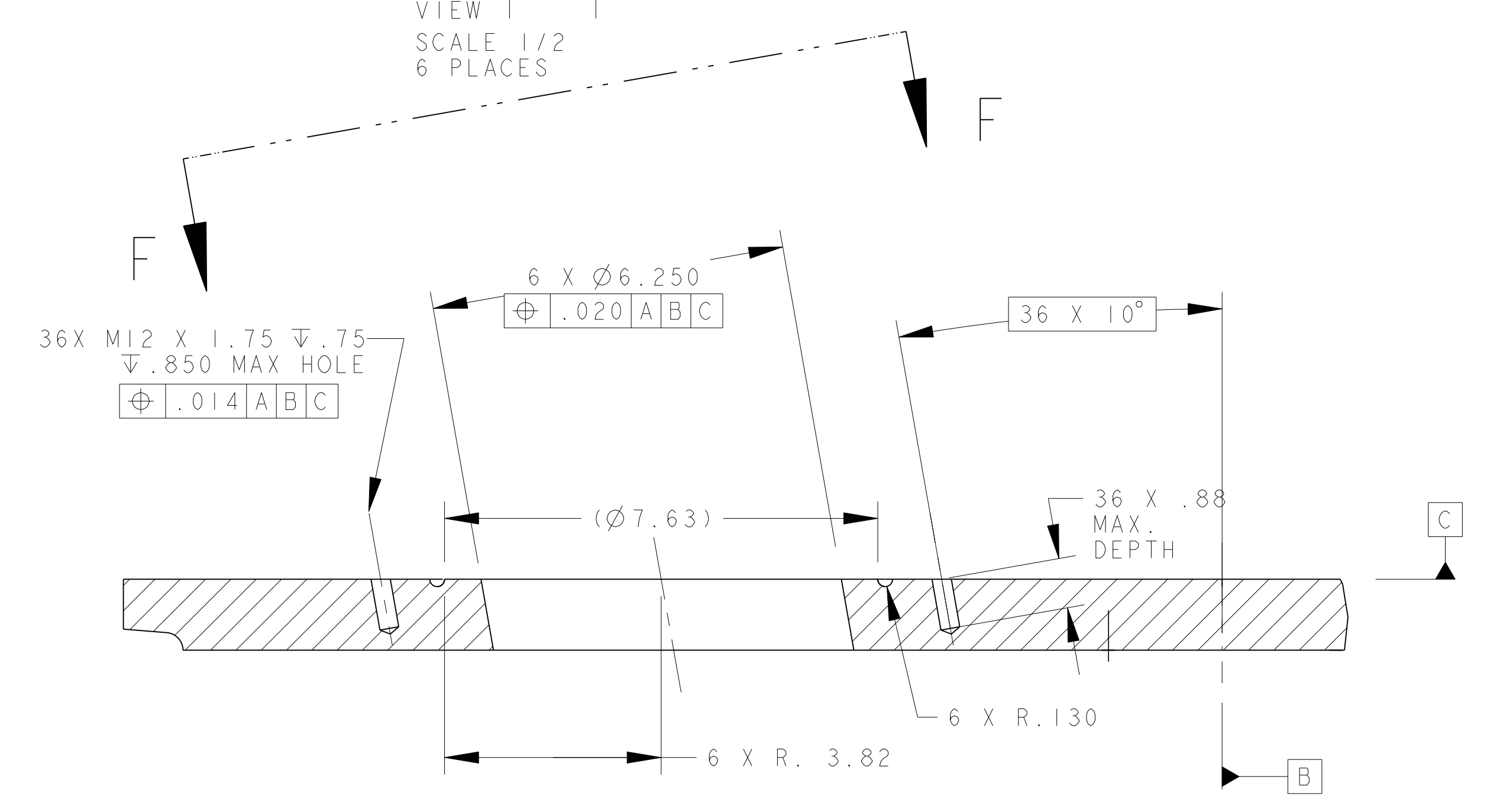
SECTION E-E
SCALE 3/4



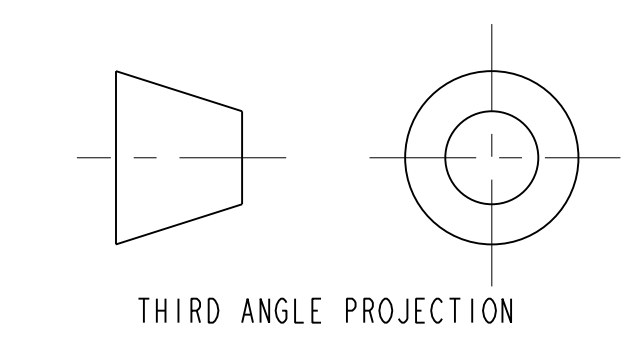
DETAIL K
SCALE 3/4



DETAIL L
SCALE 1/2
4 PLACES



DETAIL D
SCALE 1/2



ERNEST ORLANDO LAWRENCE				UNIVERSITY OF CALIFORNIA - BERKELEY	
LHC IR FEEDBOX					
VACUUM					
TOP PLATE DFBX C & G, IP 2 & 8 LEFT					
MICROFILMED:	DWG. TYPE:	DFBX C & G,	IP 2 & 8 LEFT	SCALE:	1/5
PART:	SHOWN ON:				
PATENT CLEAR:	DESIGN ACCT. NO.:	ZSLCE2	LH2002	DWG. NO.:	2511346
				SHEET 3 OF 3	B

8 7 6 5 4 3 2 1