

REV	DATE	DRAWN BY	CHECKED	DCC	DCN/DESCRIPTION
A	7-28-97	J. Hazel			E970121/INITIAL RELEASE

2X, ϕ .125
 \perp ϕ .201, ∇ .25
 ON ϕ 3.500 BOLT
 CIRCLE POSITIONED
 AS SHOWN.

2X, #10-32 UNC-2B
 2X, ϕ .1256 $^{+.0005}$
 $_{-.0000}$
 THRU, ON ϕ 3.500 BOLT CIRCLE,
 POSITIONED AS SHOWN, 180° APART.
 MATCH DRILL WITH DOWEL PIN
 HOLES IN HOLDING RING.

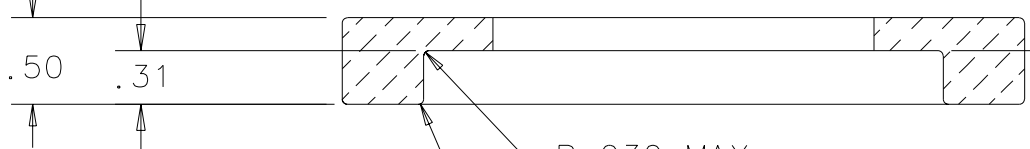
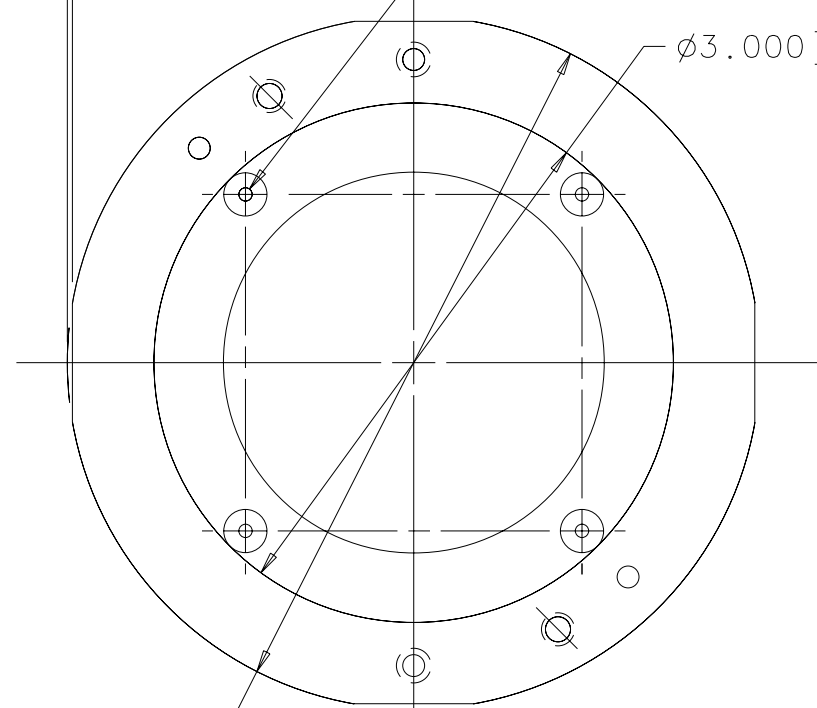
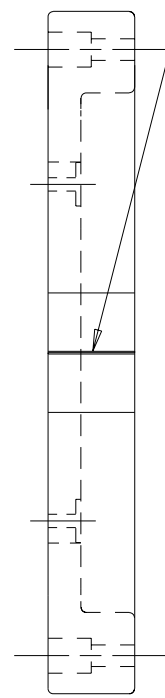
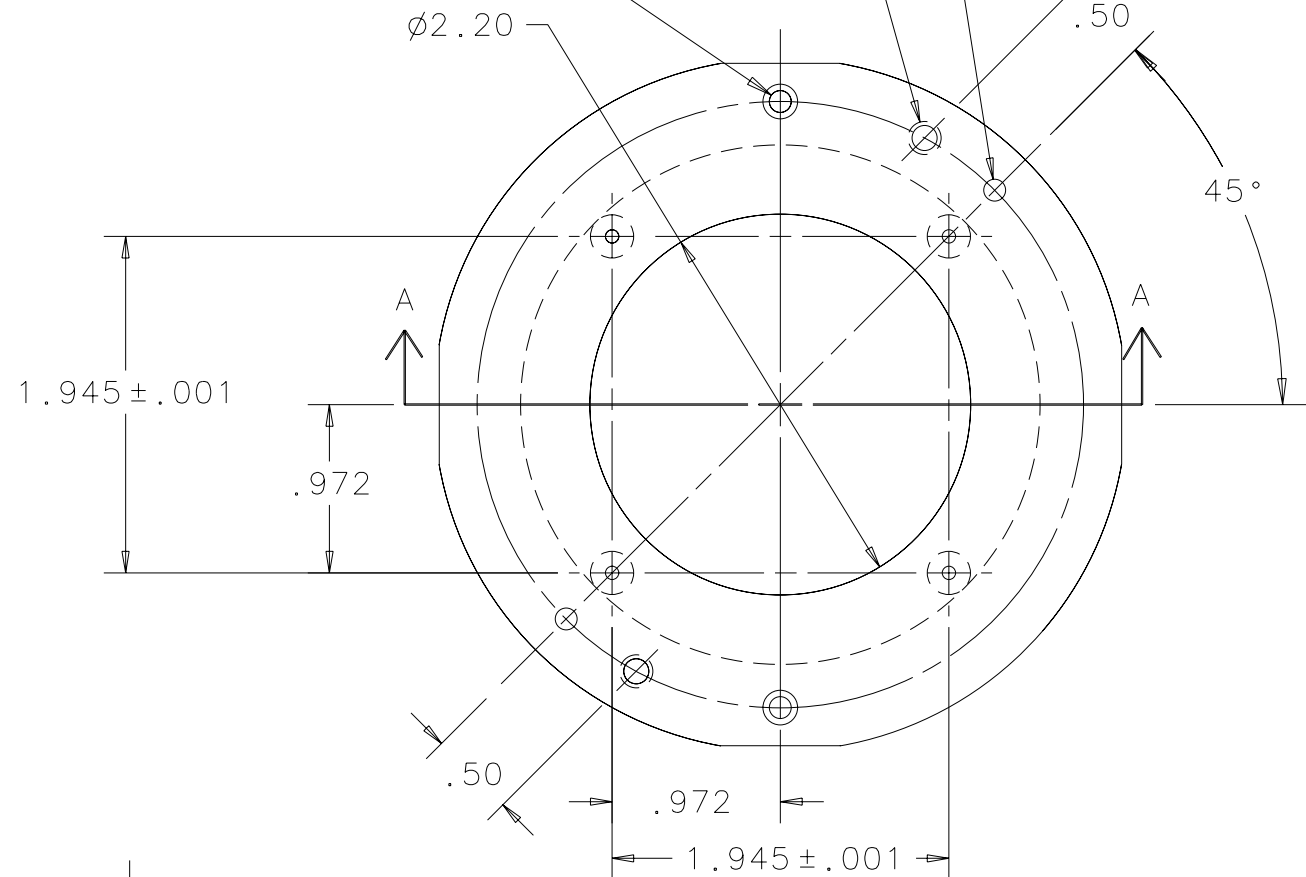
③ 4 PL, ON ϕ
 90° APART.

.030 MAX
 4 PL, 90° APART

ϕ .077 $^{+.004}$
 $_{-.000}$ 4 PL
 \perp ϕ .25, ∇ .030

ϕ 3.000 $^{+.005}$
 $_{-.000}$

ϕ 4.00



R.030 MAX
 ALL AROUND

R.03, 3 PL
 ALL AROUND

SECTION A-A

-A-
 \square .002

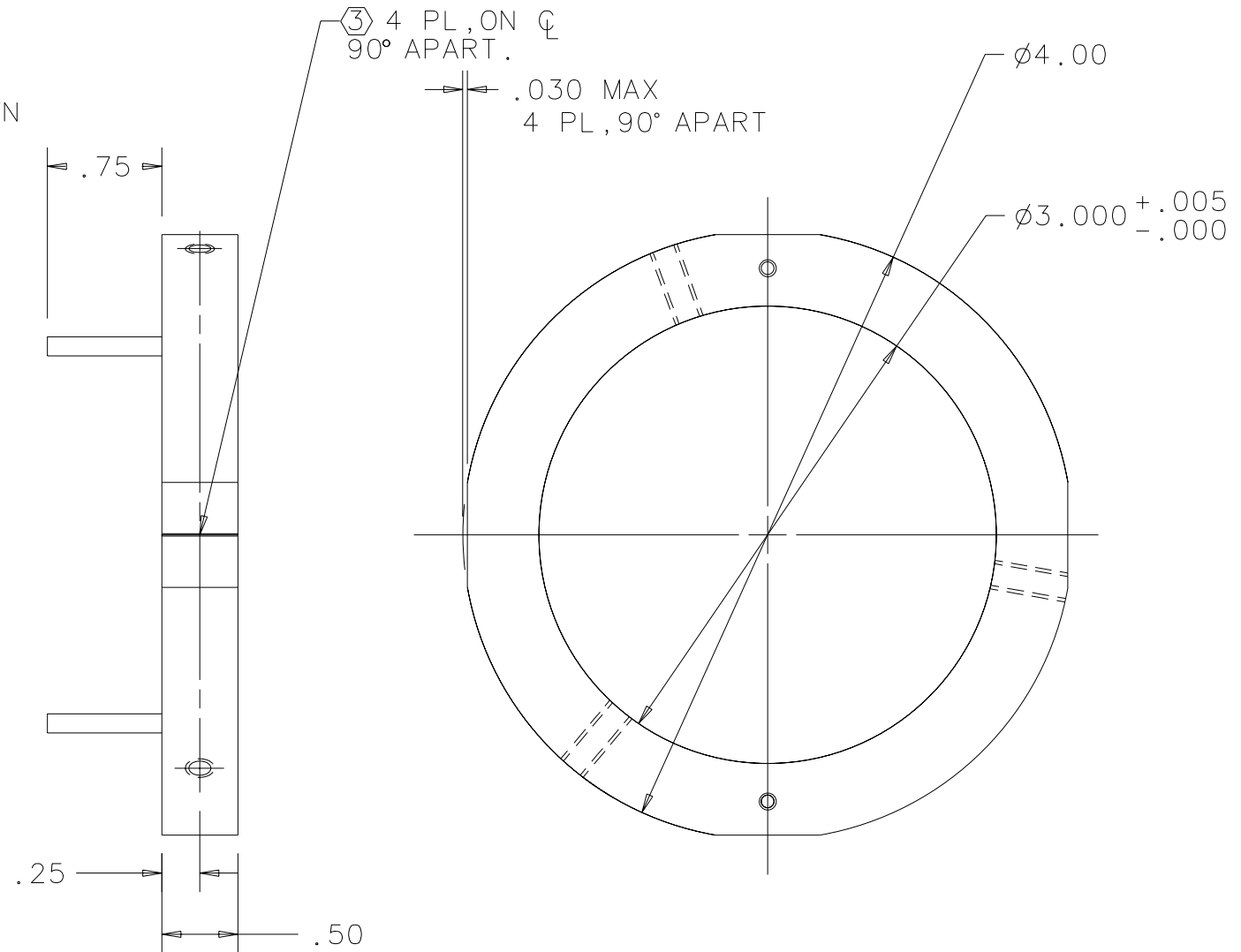
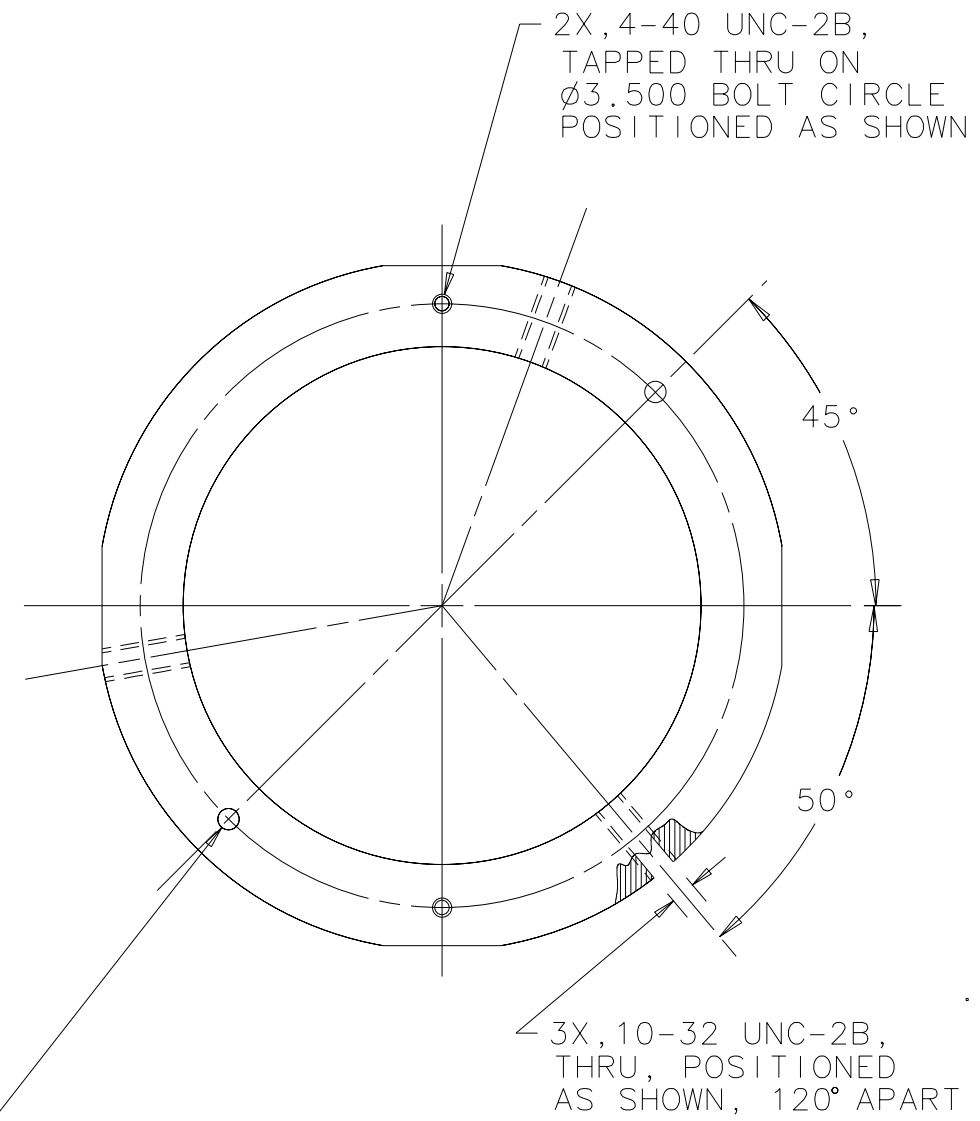
POSITIONING RING DETAIL

QTY REQD	FSCM NO	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	ITEM NO
PARTS LIST					
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN IN [mm]			APPROVALS		
TOLERANCES ARE:			DATE		
FRACTIONS DECIMALS			1/96		
SEE NOTES			DRAWN J. Hazel		
DO NOT SCALE DRAWING			CHECKED		
MATERIAL SEE NOTES			CALIFORNIA INSTITUTE OF TECHNOLOGY		
FINISH NONE			MASSACHUSETTS INSTITUTE OF TECHNOLOGY		
SCALE 1/1			FILENAME /home/dcc/docs/D960020sh2.pdf		
			SHEET 2 OF 3		

LIGO
 MAGNET/STANDOFF ASSEMBLY
 FIXTURE

DWG NO. D960020-A-D

REV	DATE	DRAWN BY	CHECKED	DCC	DCN/DESCRIPTION
A	7-28-97	J.Hazel			E970121/INITIAL RELEASE



HOLDING RING DETAIL

2X, Ø.125 X 1.25 DOWEL PIN
 DRILL MOUNTING HOLE THRU
 ON Ø3.500 BOLT CIRCLE,
 POSITIONED AS SHOWN,
 180° APART. MATCH DRILL
 WITH HOLES IN
 POSITIONING RING.

QTY	RECD	FSCM NO	PART OR IDENTIFYING NO	NOMENCLATURE OR DESCRIPTION	MATERIAL SPECIFICATION	ITEM NO
PARTS LIST						
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN IN (mm) TOLERANCES ARE: FRACTIONS DECIMALS		APPROVALS		DATE	CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SEE NOTES		DRAWN J. Hazel	GROUP	1/96	TITLE MAGNET/STANDOFF ASSEMBLY FIXTURE	
DO NOT SCALE DRAWING		CHECKED			SIZE B	
MATERIAL SEE NOTES					DWG NO. D960020-A-D	
FINISH NONE					SHEET 3 OF 3	
SCALE 1/1		FILENAME /home/dcc/docs/D960020sh3.pdf				