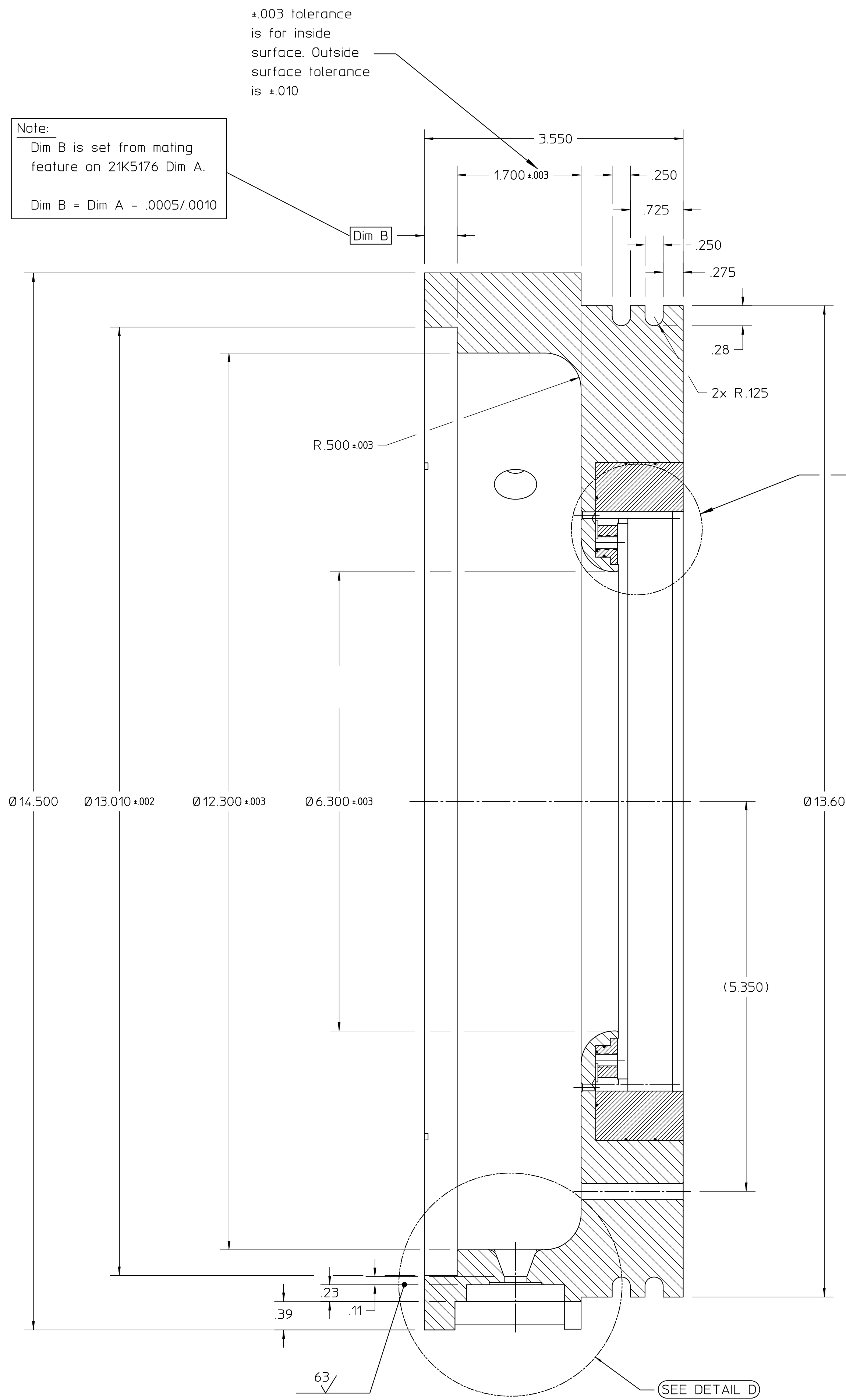
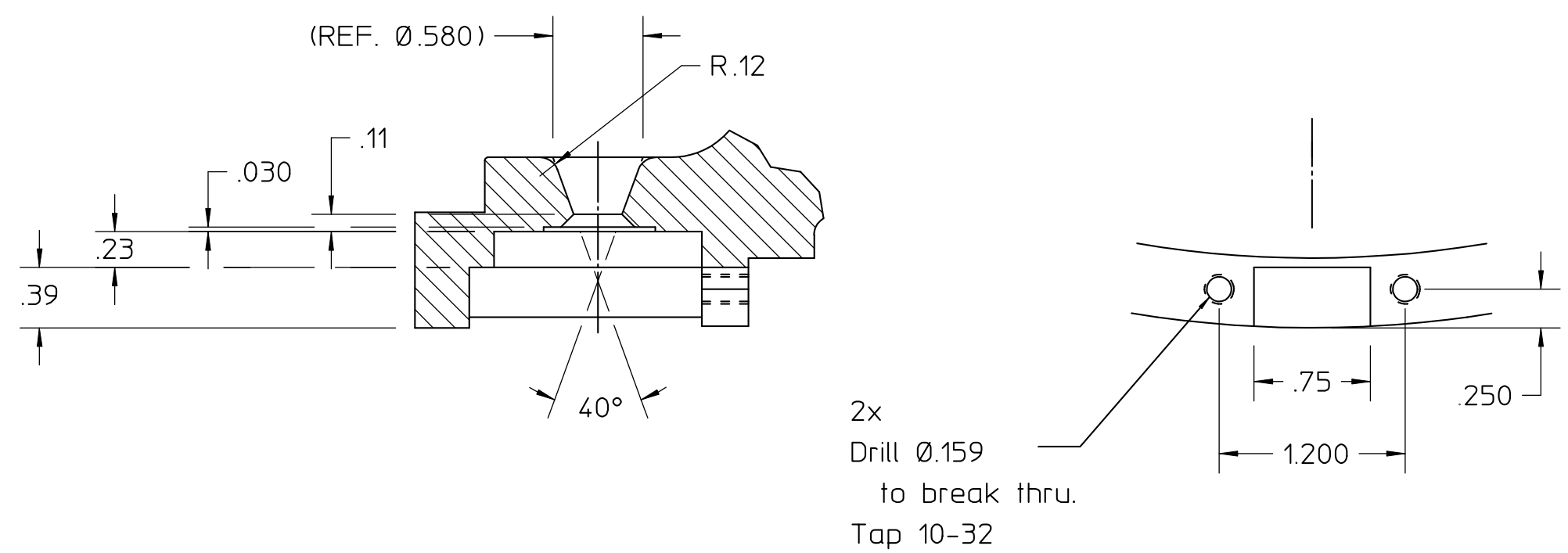




SECTION A-A

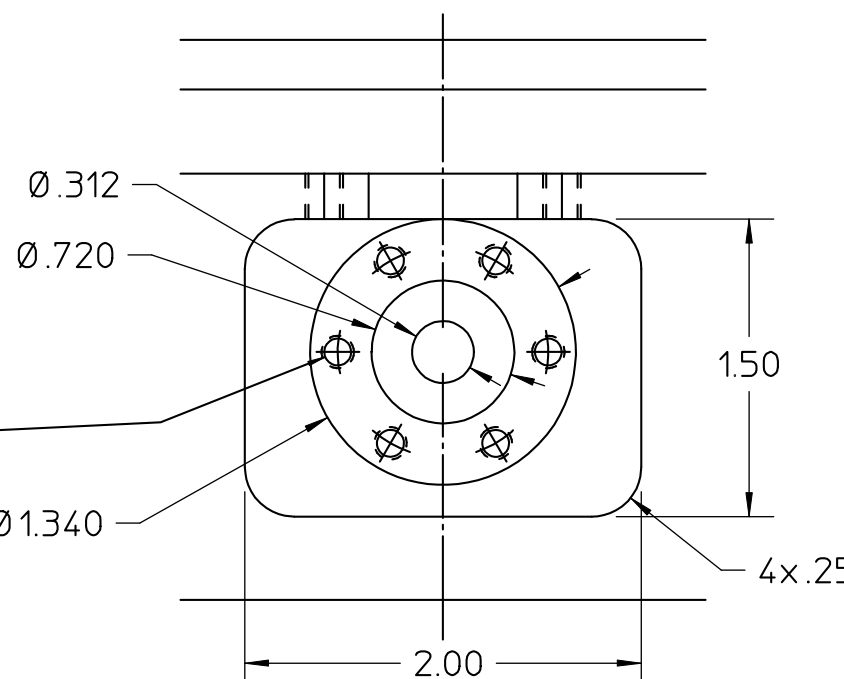
Scale: Full



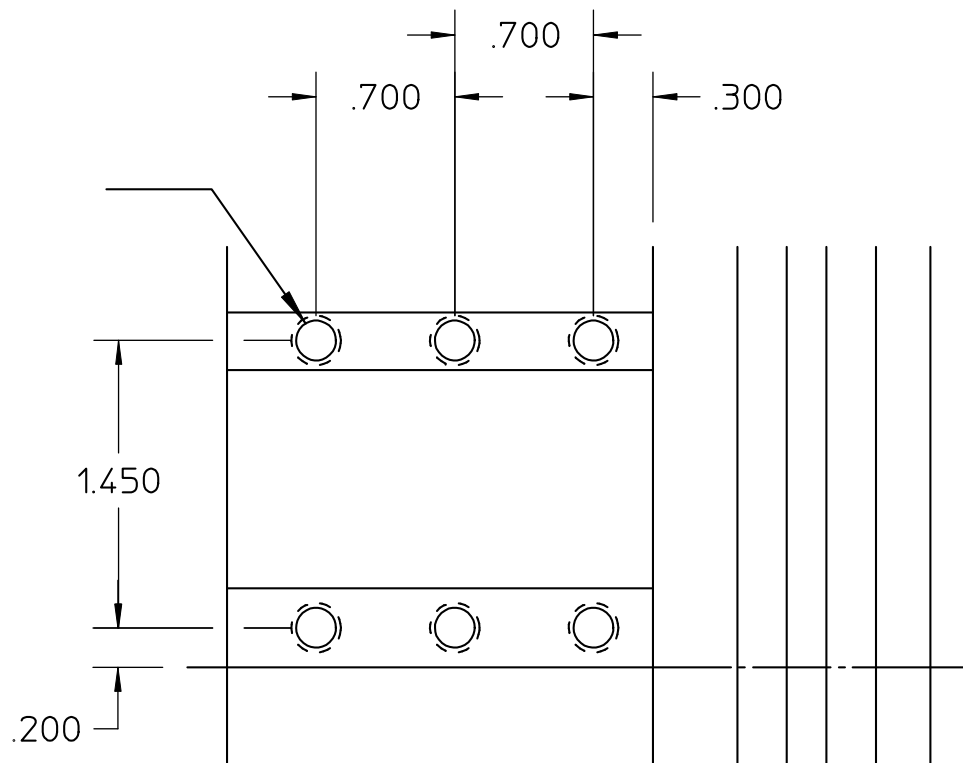
DETAIL D

SCALE: FULL

DO NOT BREAK THRU
6x
Drill 0.136 x .35 deep
on a 1062 B.C.
Bottom Tap 8-32

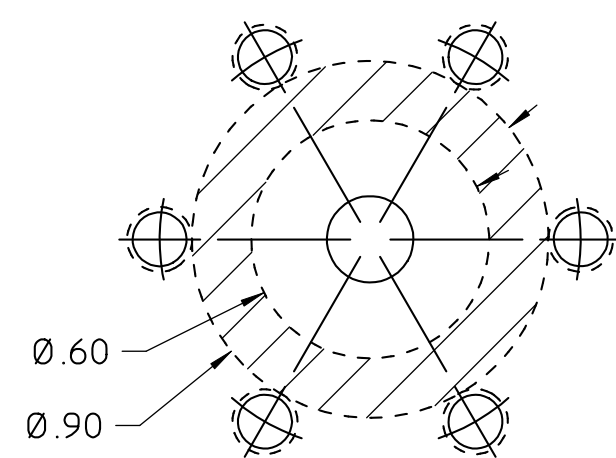


DO NOT BREAK THRU
12x Total
6x each side
Drill 0.201
x .60 deep.
Botl Tap 1/4-20



DETAIL A

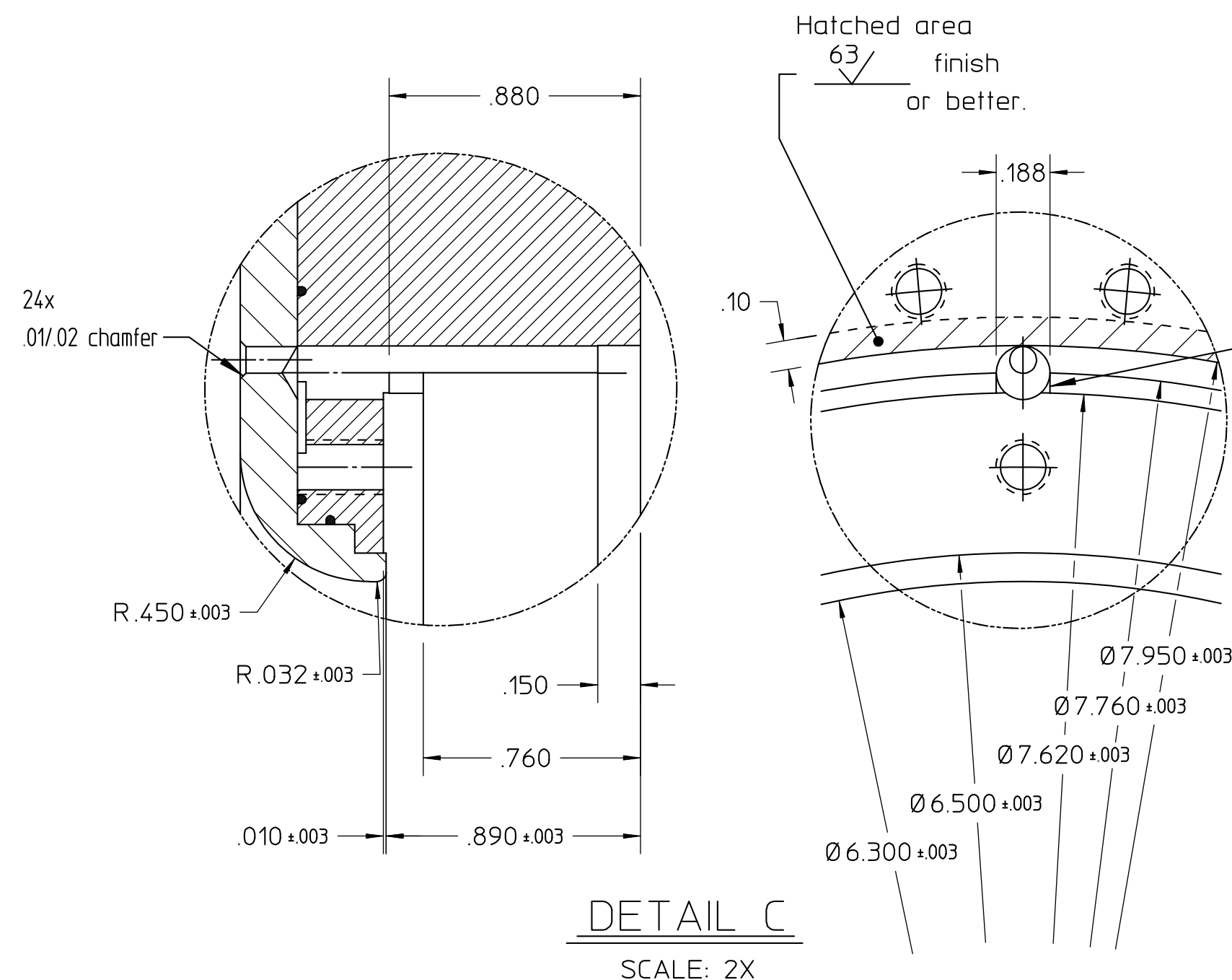
Scale: Full



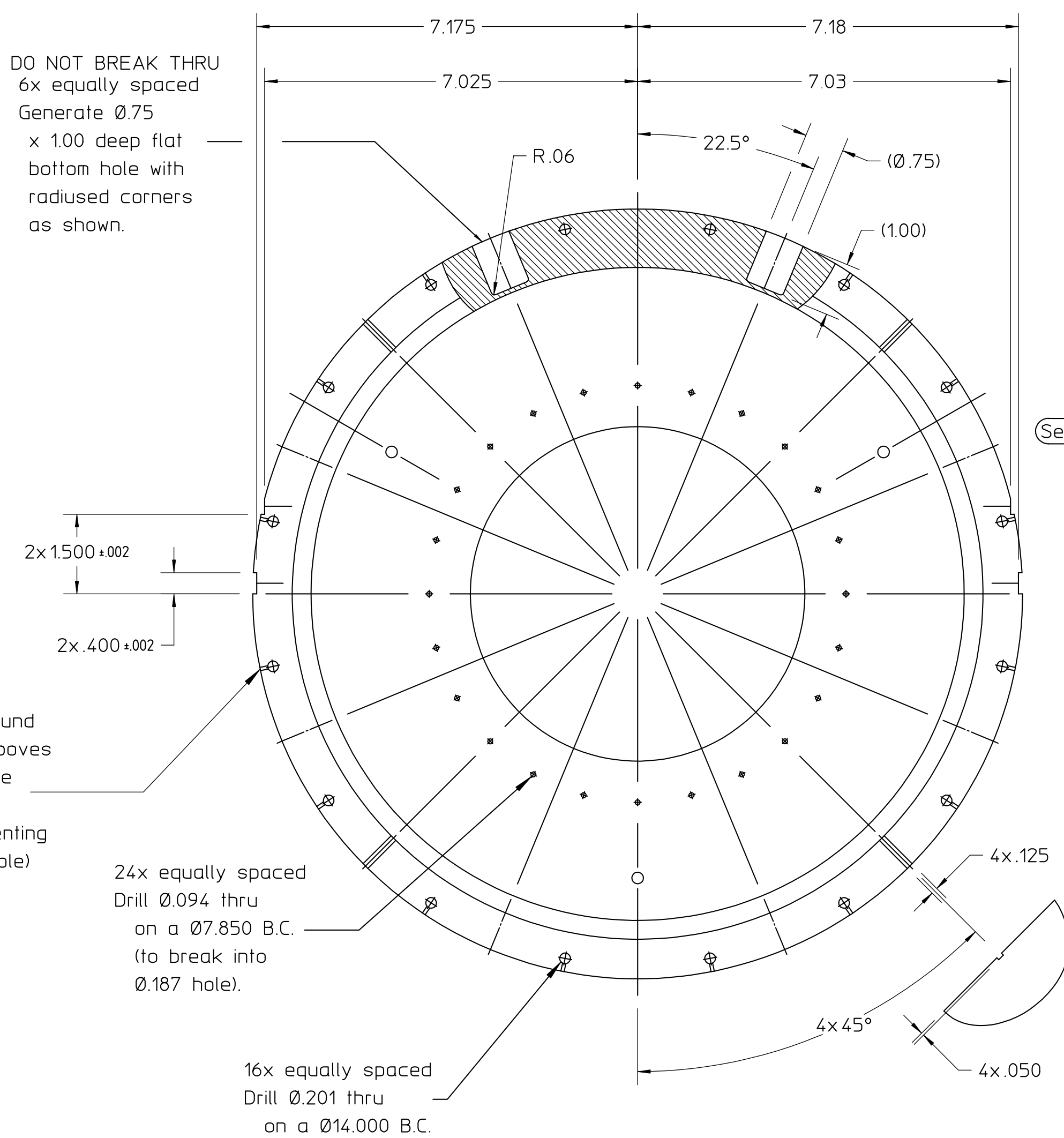
DETAIL B

SCALE: 2x

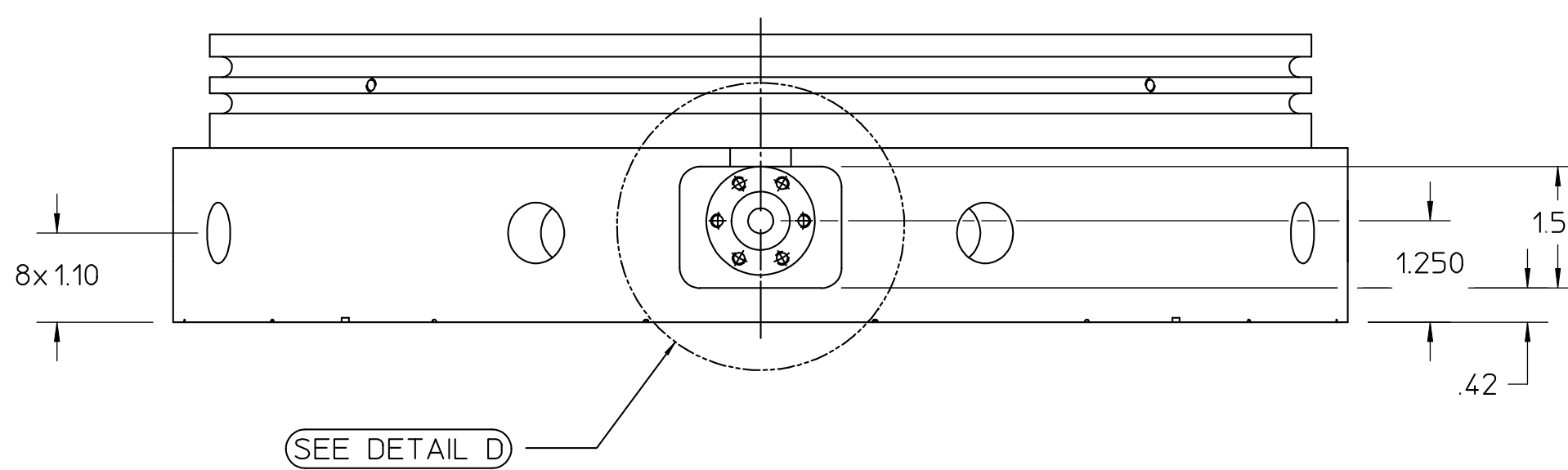
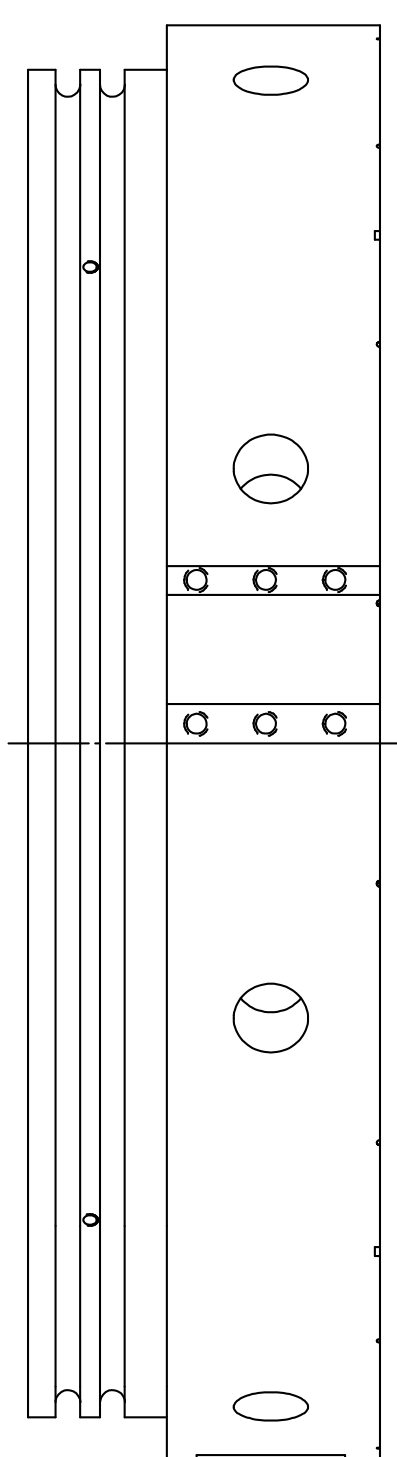
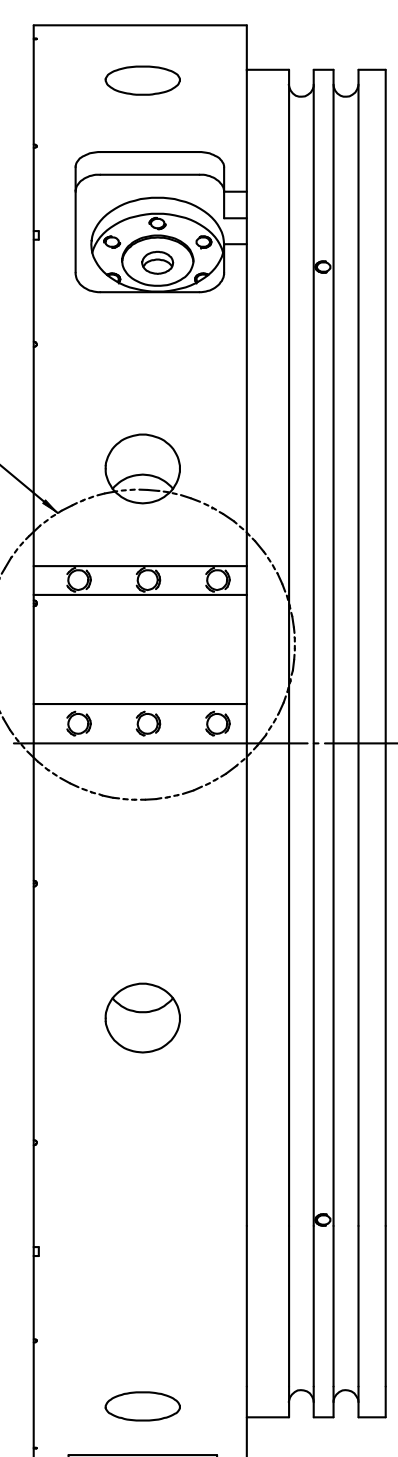
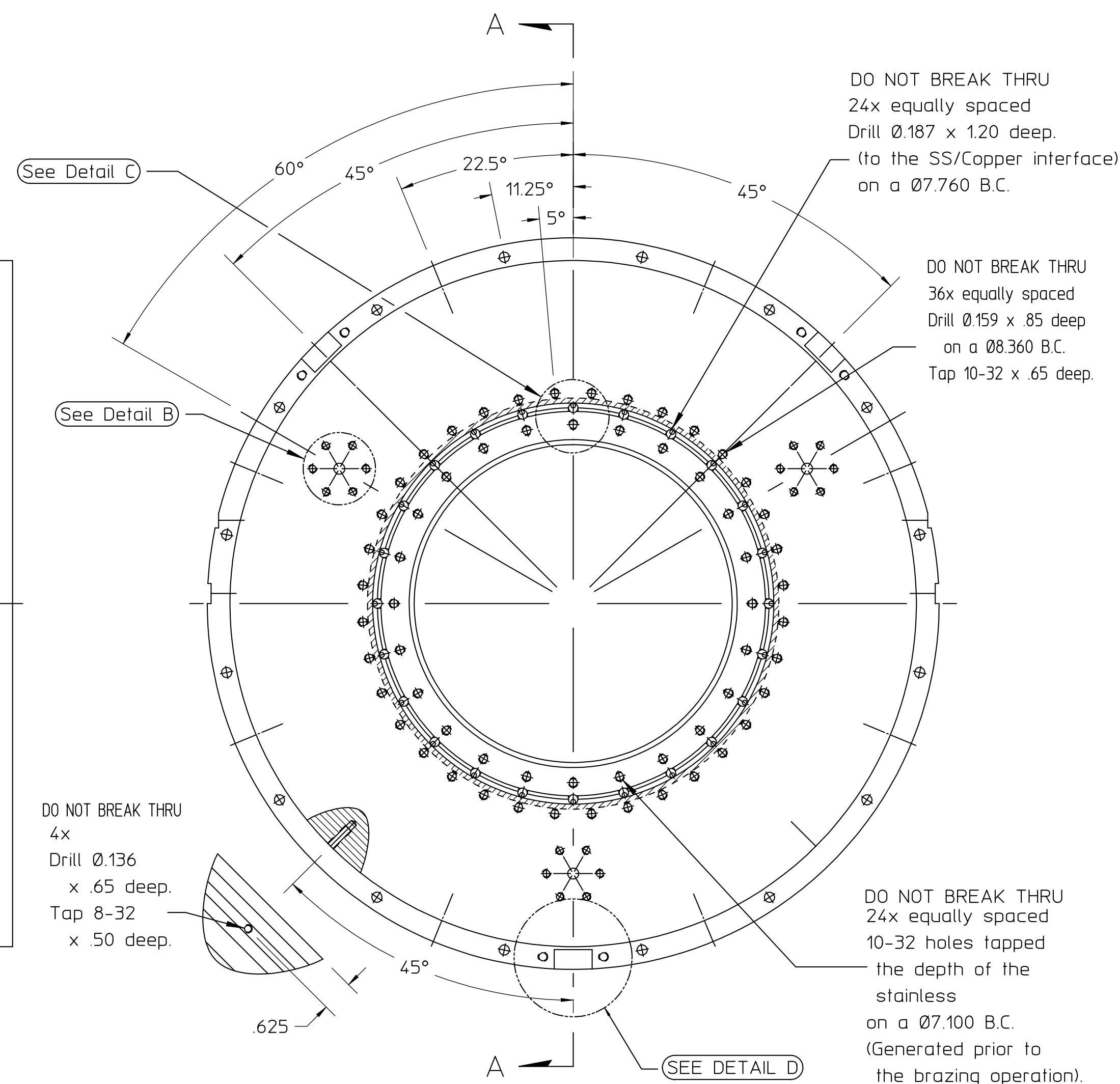
Repeating Pattern
3x at 120°
Generate:
A 0.218 thru hole
on a R 5.350
Then:
6x equally spaced
around center hole
Drill 0.136 x .65 deep.
on a 01062 B.C.
DO NOT BREAK THRU
Tap 8-32 x .50 deep.
Hatched area between
to have 63/ finish
or better.



DO NOT BREAK THRU
6x equally spaced
Generate 0.75
x 1.00 deep flat
bottom hole with
radius corners
as shown.



See Detail A



Note:
This detail is done
three times. Once on
the vertical center
line and then once at
45° on both sides
of the vertical center
line, as shown. The
locations are not equally
spaced.

21K5153-1		CAVITY BODY 1st BRAZE	
RECD ITEM PART NO.		DESCRIPTION	
SHOP ORDERS		LAWRENCE BERKELEY LABORATORY	
UNLESS OTHERWISE SPECIFIED		UNIVERSITY OF CALIFORNIA-BERKELEY	
SC. X ± -		PLASMA APPLICATIONS GROUP	
TOLERANCES:		Mu COOL HP TEST CAVITY	
XX ± .01		CAVITY BODY-1 - FINISH	
XXX ± .005		PATENT CLEAR	
DELIVER TO:		DNG. TYPE	
THREADS ARE CLASS 2		CD	
CHAMFER ENDS OF ALL SCREW THREADS 30°		DNG. NO.	
OUT 1.5 PITCH 1/80 RELIEF WITH ROUND NOSE TOOL		21K5183	
ON MACHINE CUT THREADS		DNG. NO.	
BREAK EDGES: 0.06 MAX. ON MACHINED WORK		21K5166	
REMOVE BURRS WELD SPATTER & LOOSE SCALE		SIZE	
REFERENCES: ANSI Y14.5 & B46.1		REV.	
REV. DNG. CHK. ZONE DATE		CHANGES	
REV. DNG. CHK. ZONE DATE		CHANGES	