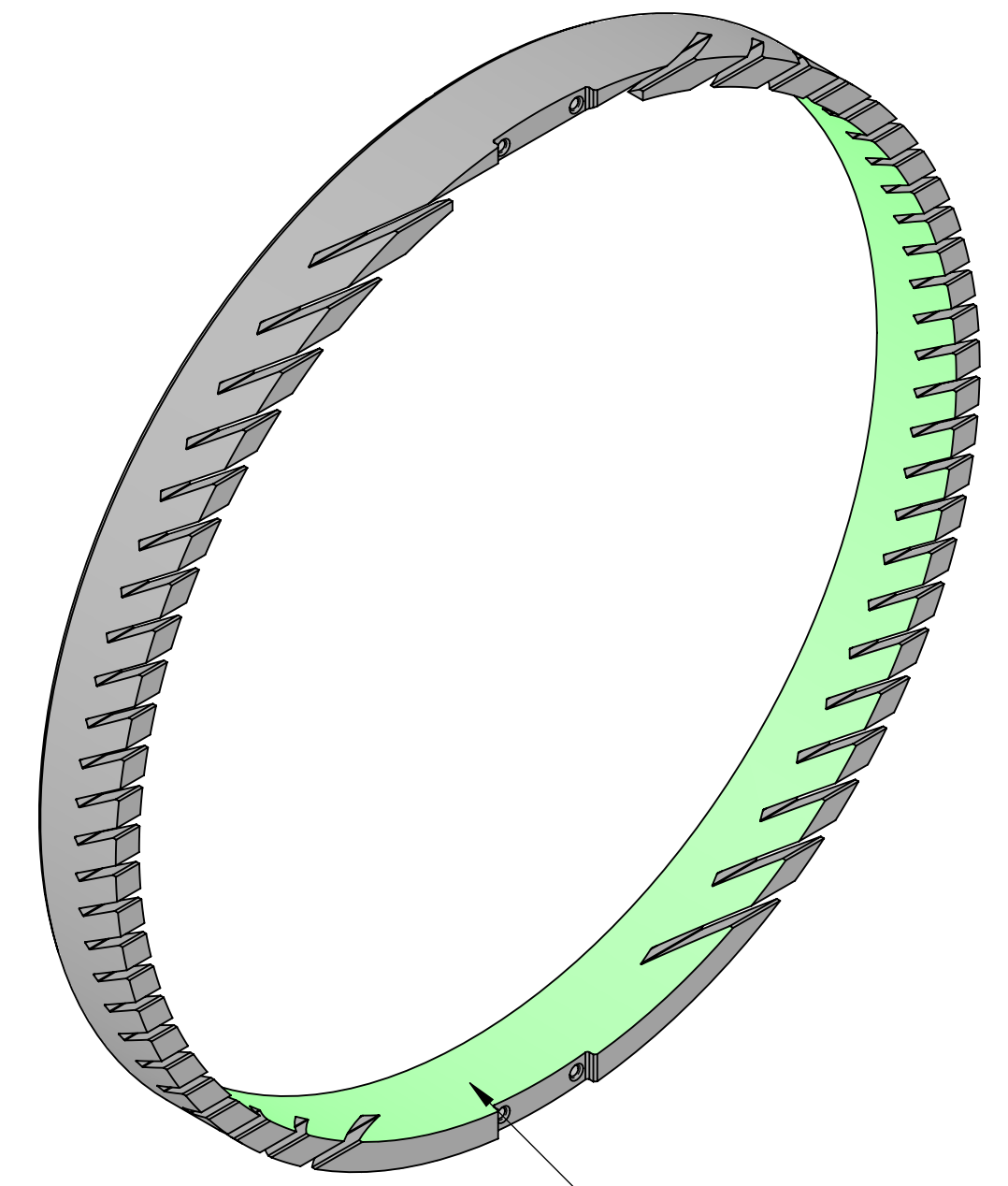
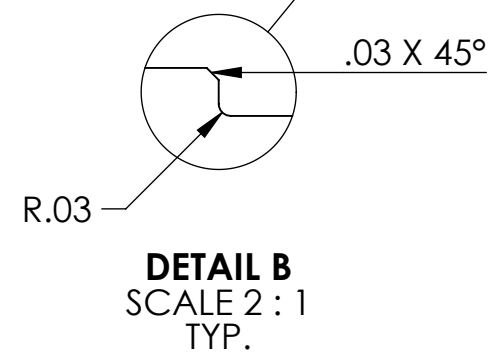
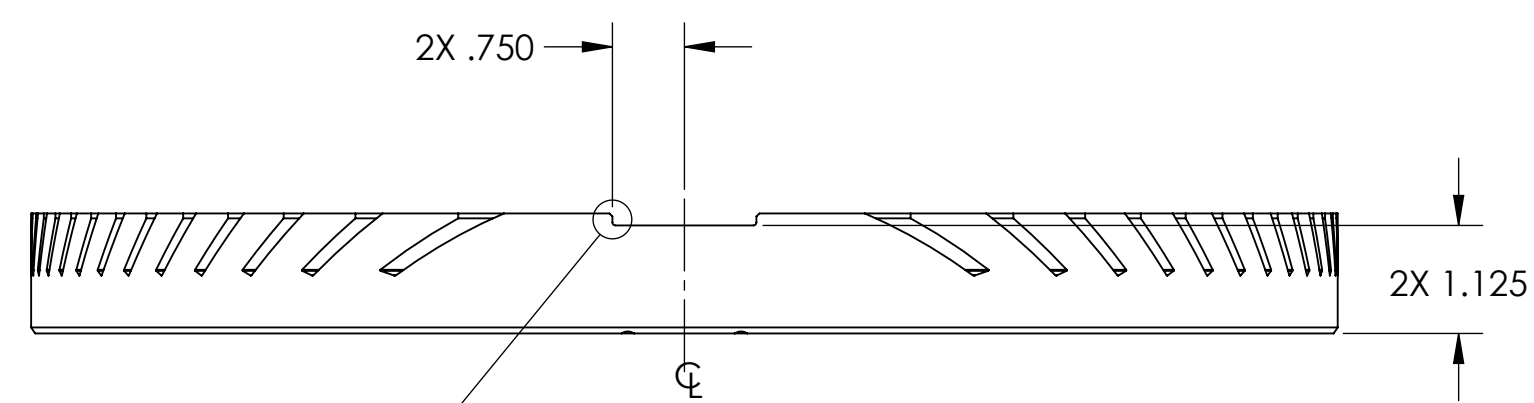


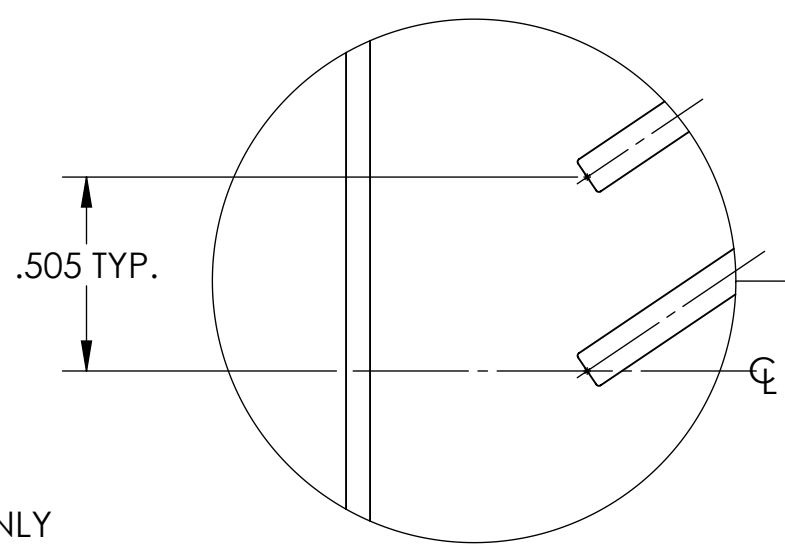
NOTES CONTINUED:
 5. SCRIBE, ENGRAVE, LASER MARK OR MECHANICALLY STAMP (NO DYES OR INKS) A UNIQUE THREE DIGIT SERIAL NUMBER & REVISION NUMBER ON EACH PART. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. BAG AND TAG PARTS WITH THEIR DRAWING PART NUMBER, REVISION, VARIANT OR TYPE (IF APPLICABLE), AND QUANTITY. IF PARTS ARE TOO SMALL TO SCRIBE, BAGGING AND TAGGING ALONE IS SUFFICIENT.
 EXAMPLE (PART): 001-v1
 EXAMPLE (TAG): DXXXXXX-VY, TYPE-XX, QTY: TBD

6. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT ALLOWED. REFER TO LIGO-E0900364
 7. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364.
 8. ALL MATERIAL IS TO BE VIRGIN MATERIAL (i.e. NO WELD REPAIRS, PLUGS OR RECYCLED MATERIAL). NO REPAIRS SHALL BE MADE UNLESS APPROVED IN ADVANCE, AND IN WRITING, BY LIGO LABORATORY. REFER TO LIGO-E0900364.
 9. FINISH: PLASMA SPRAY INDICATED SURFACE WITH CHROMIUM OXIDE .008-.0010. REFER TO LIGO SPECIFICATION E1600325-v6.
 9.1 MASK ALL TAPPED HOLES, BLADE NOTCHES, AND FRONT/REAR FACES PRIOR TO COATING.
 10. DIMENSION DEPENDS ON THICKNESS OF D1600406 SHEET STOCK. SLOTS MUST NOT BE MACHINED UNTIL LIGO PERSONNEL HAS REVIEWED D1600406 PRELIMINARY INSPECTION RESULTS. REFER TO D1600406 NOTE (10).

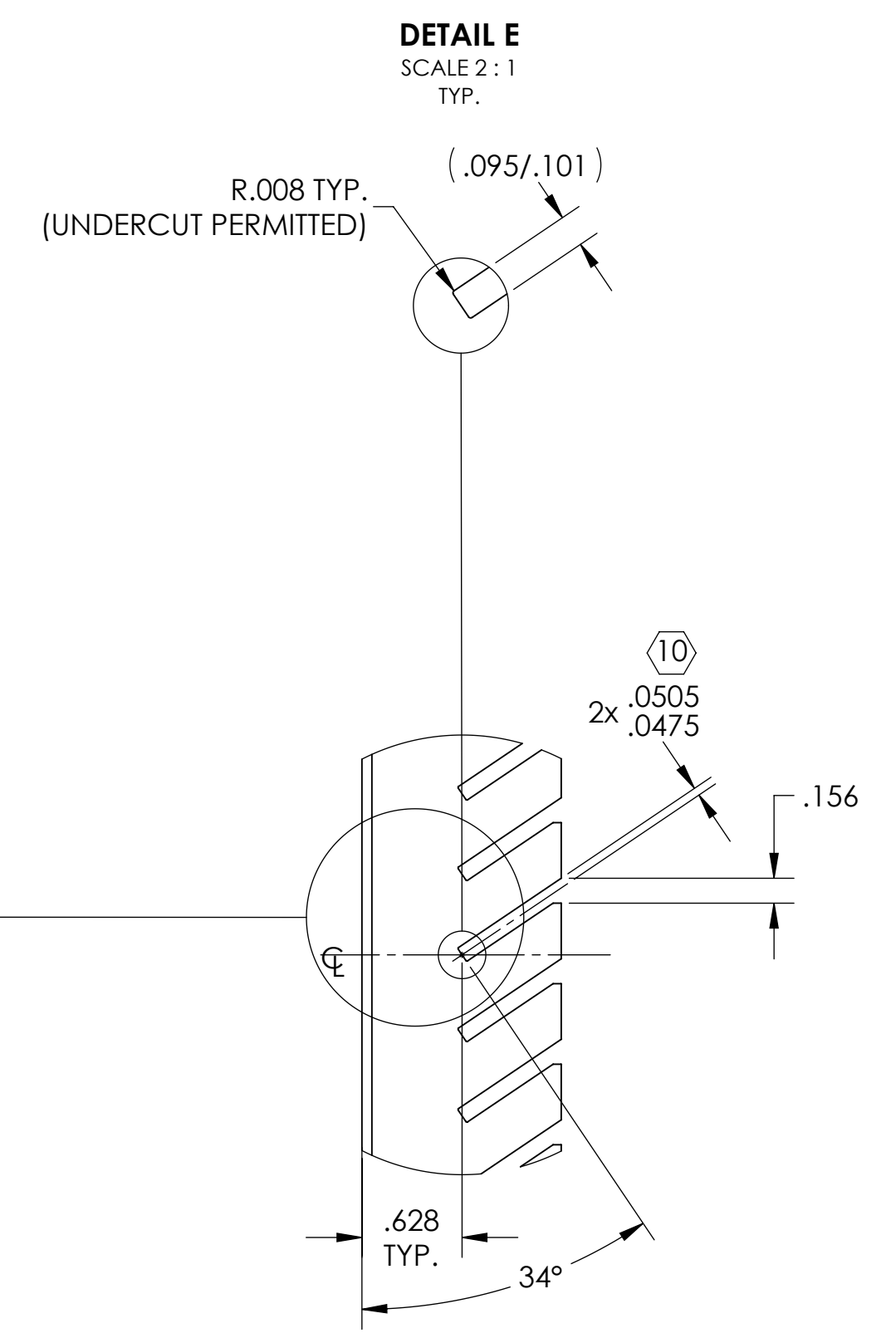
REV.	DATE	DCN #	DRAWING TREE #
v1	08 NOV 2016	-	-
v2	22 NOV 2016	E1600294-x0	-
-	-	-	-



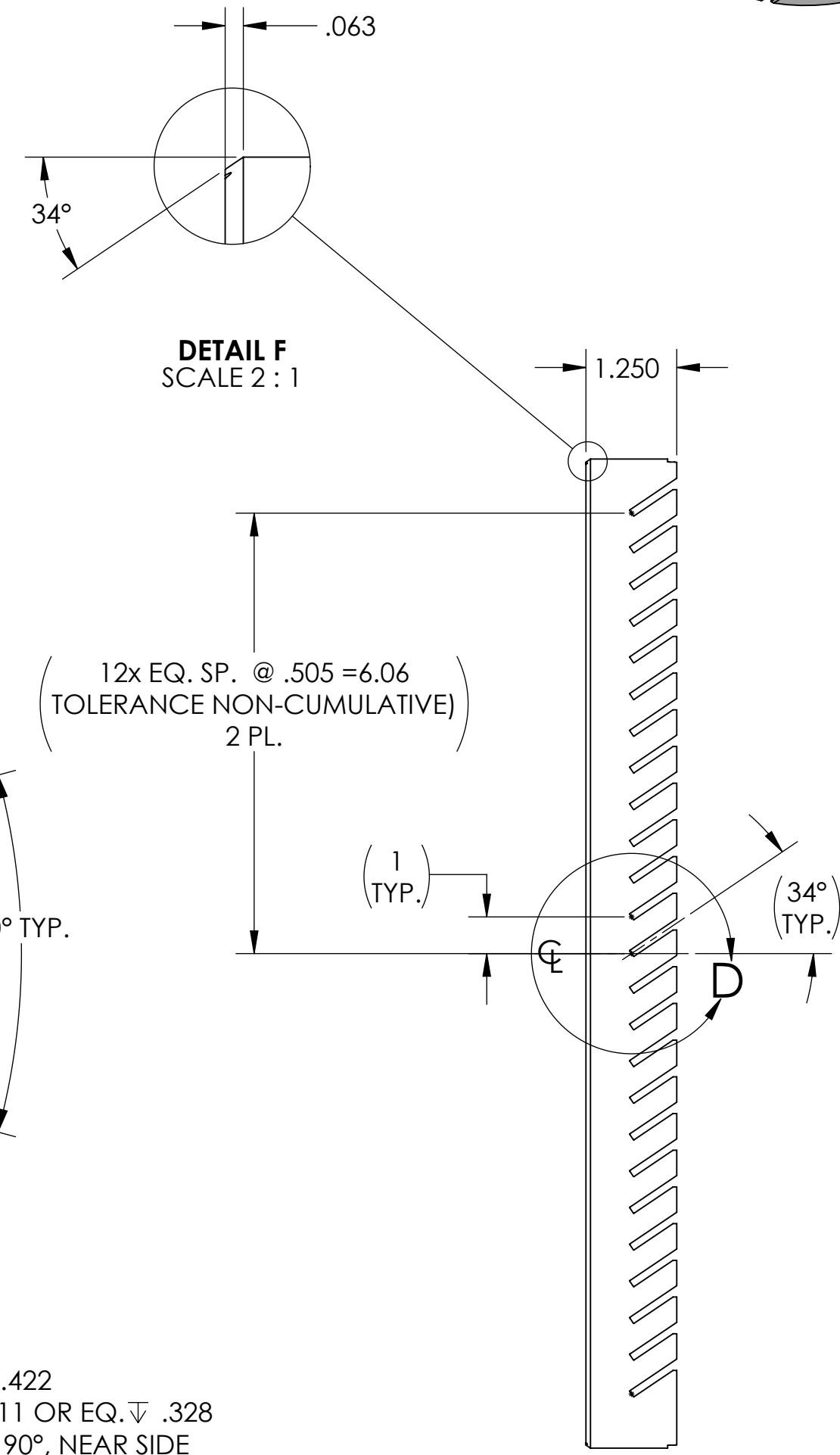
ISO VIEW
 INTERNAL SURFACE ONLY



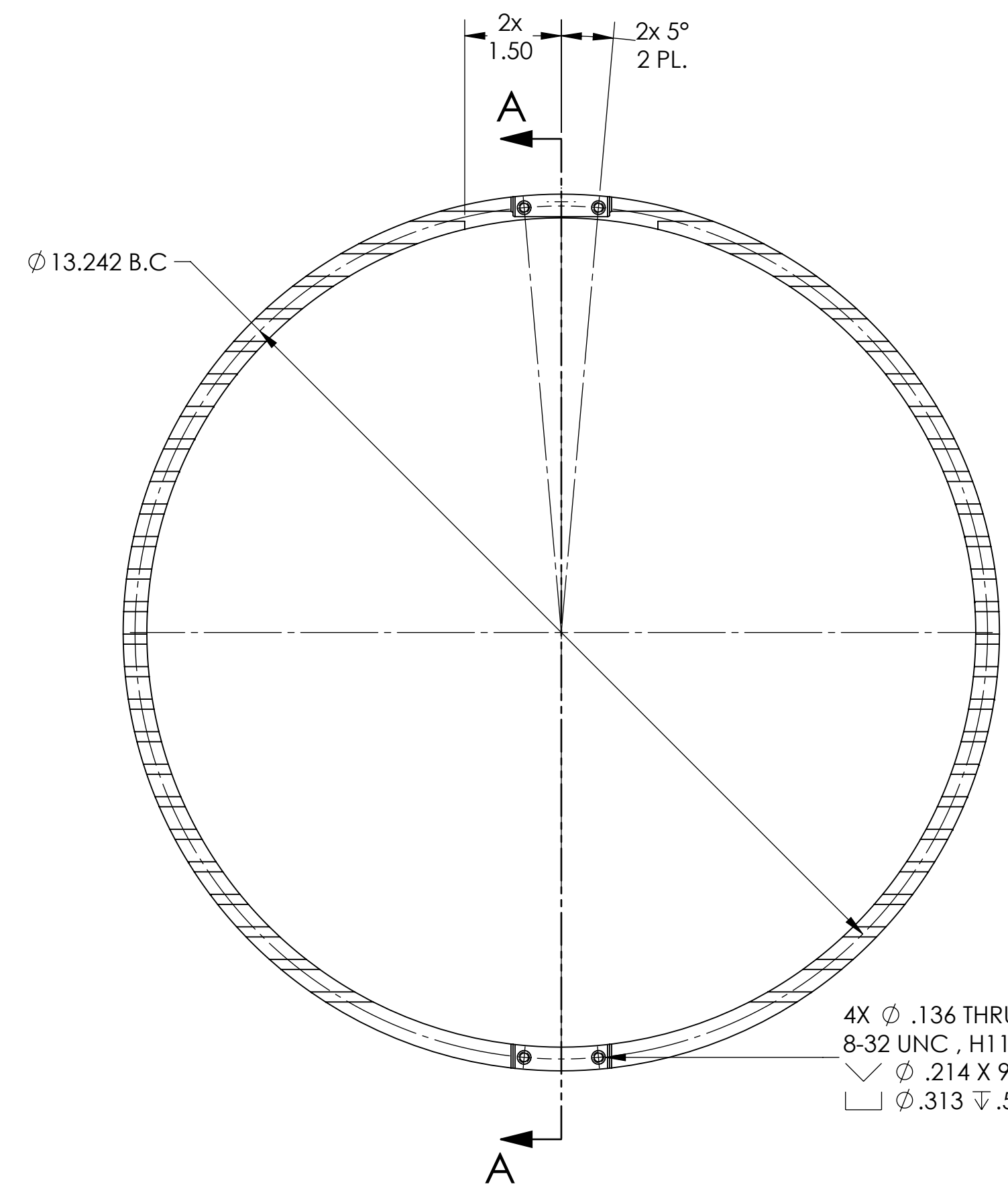
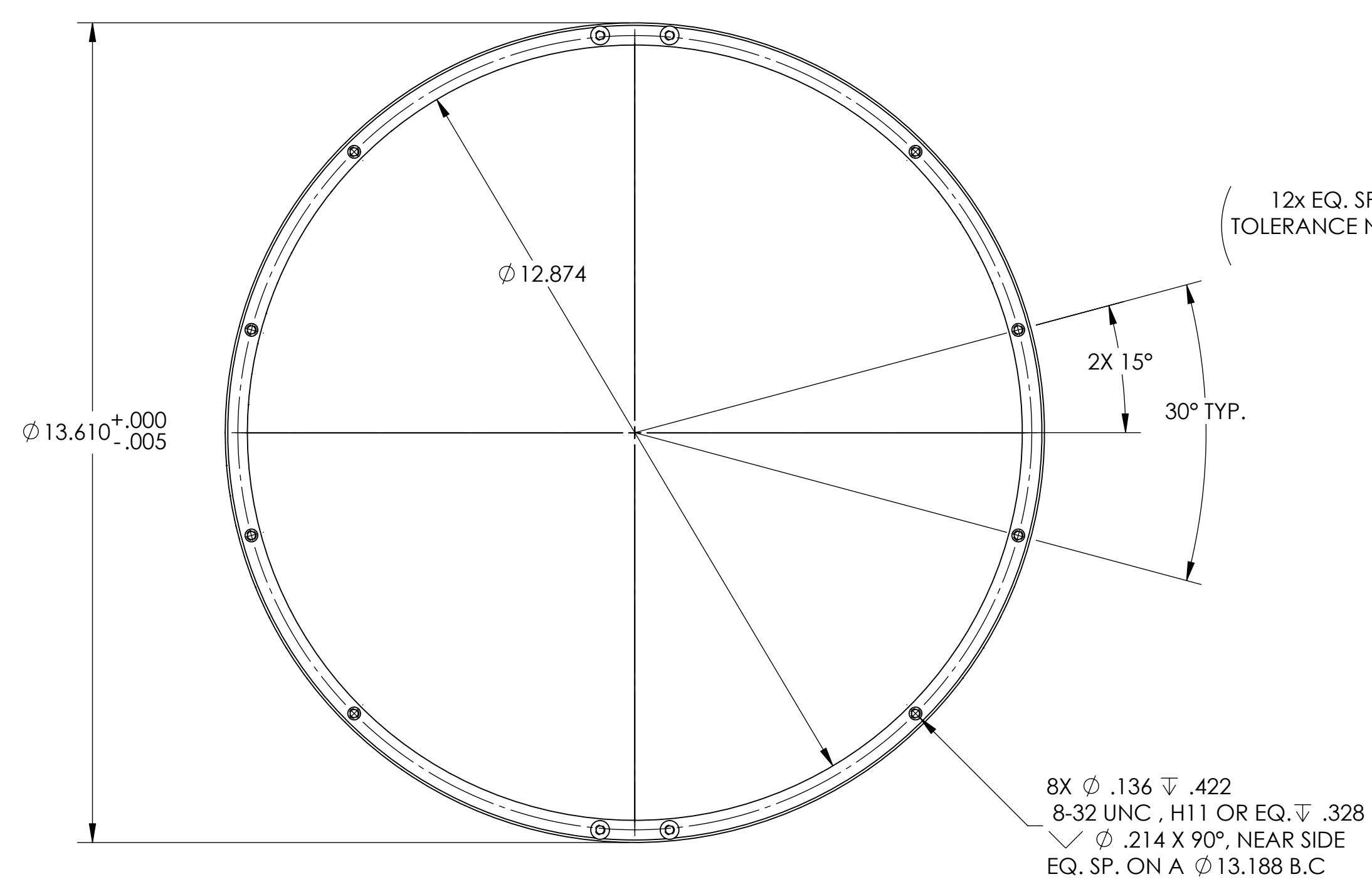
DETAIL C
 SCALE 2:1



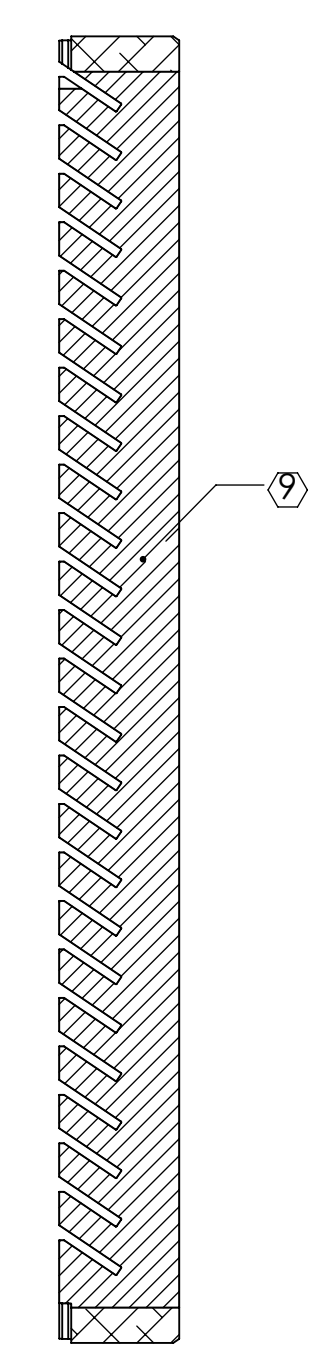
DETAIL D
 SCALE 1:1 TYP.



DETAIL F
 SCALE 2:1



4X .136 THRU ALL
 8-32 UNC, H11(+.005) +/- .539
 2X 15°
 30° TYP.
 4X .313 +/- .586, FAR SIDE



SECTION A-A

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
1. INTERPRET DRAWING PER ASME Y14.5-1994.	
2. REMOVE ALL SHARP EDGES, .005-.015, FOR MACHINED PARTS.	
3. DO NOT SCALE FROM DRAWING.	
4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.	
DIMENSIONS ARE IN INCHES	
TOLERANCES:	
.XX ± .01	
.XXX ± .005	
ANGULAR ± 0.5°	
MATERIAL	304 SSSL
FINISH	63 μinch

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SYSTEM	ADVANCED LIGO
SUB-SYSTEM	VE
NEXT ASSY	D1600409

PART NAME		alIGO, VE, CHEVRON YV BAFFLE, LOUVER CLAMP	
DESIGNER	E.SANCHEZ	09 SEP 2015	SIZE DWG. NO.
DRAFTER	E.SANCHEZ	08 NOV 2016	D
CHECKER	SEE DCC	SEE DCC	D1600408
APPROVAL	SEE DCC	SEE DCC	v2
SCALE:	1:2	PROJECTION:	SHEET 1 OF 1

D1600408 alIGO, VE, Chevron YV Baffle, LOUVER CLAMP, PART FDM REV. 3-09, DRAWING FDM REV. X-010