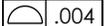
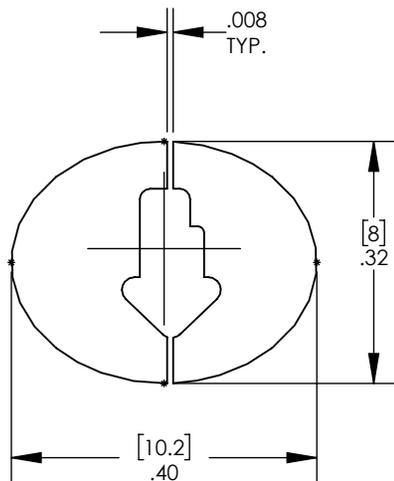


NOTES CONTINUED:

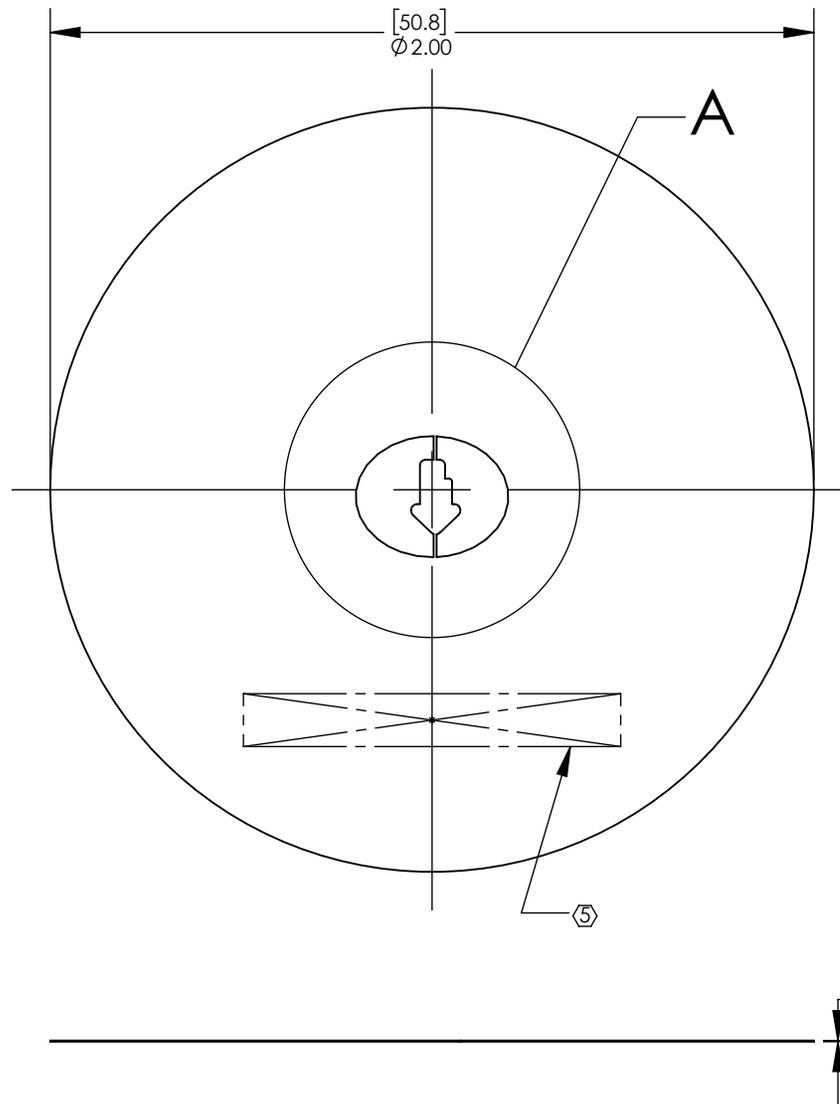
⑤ SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS. EXAMPLE: DXXXXXX-VY, TYPE-XX, S/N XXX

- 6. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH [LIGO SPECIFICATION E0900364](#)
- 7. 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 SPECIFICATION E0900364](#)
- 8. SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES OR GOUGES.
- 9. PARTIALLY DEFINED DRAWING. ALL UNDEMENTIONED FEATURES ARE CONTROLLED BY CAD DIGITAL FILE D1900065-v2. PART VAULT VERSION: y-002
- 10. TOLERANCE ON UNDEMENTIONED FEATURES SHALL BE:  .004

REV.	DATE	DCN #	DRAWING TREE #
v2	31 JAN 2019	E1900070-x0	-
-	-	-	-
-	-	-	-



**DETAIL A**  
SCALE 4 : 1



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)

DIMENSIONS ARE IN INCHES  
 TOLERANCES:  
 .XX ± .01  
 .XXX ± .002  
 ANGULAR ± 1.0°

1. INTERPRET DRAWING PER ASME Y14.5-1994.  
 2. REMOVE ALL SHARP EDGES.  
 3. DO NOT SCALE FROM DRAWING.  
 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.

**MATERIAL**  
AISI 316 Stainless Steel Sheet (SS)

**FINISH**  
32 μinch

**LIGO** CALIFORNIA INSTITUTE OF TECHNOLOGY  
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

**SYSTEM**  
ADVANCED LIGO

**SUB-SYSTEM**  
AOS

**NEXT ASSY**  
TBD

**PART NAME**  
Custom mask for aLIGO CO2P H1-ITMY for O3

<b>DESIGNER</b>	A.BROOKS	12 MAR 2019	<b>SIZE</b>	<b>DWG. NO.</b>	<b>REV.</b>
<b>DRAFTER</b>	E.SANCHEZ	12 MAR 2019	<b>A</b>	<b>D1900065</b>	<b>v2</b>
<b>CHECKER</b>	SEE DCC	SEE DCC	<b>SCALE:</b> 2:1	<b>PROJECTION:</b>	SHEET 1 OF 1
<b>APPROVAL</b>	SEE DCC	SEE DCC			