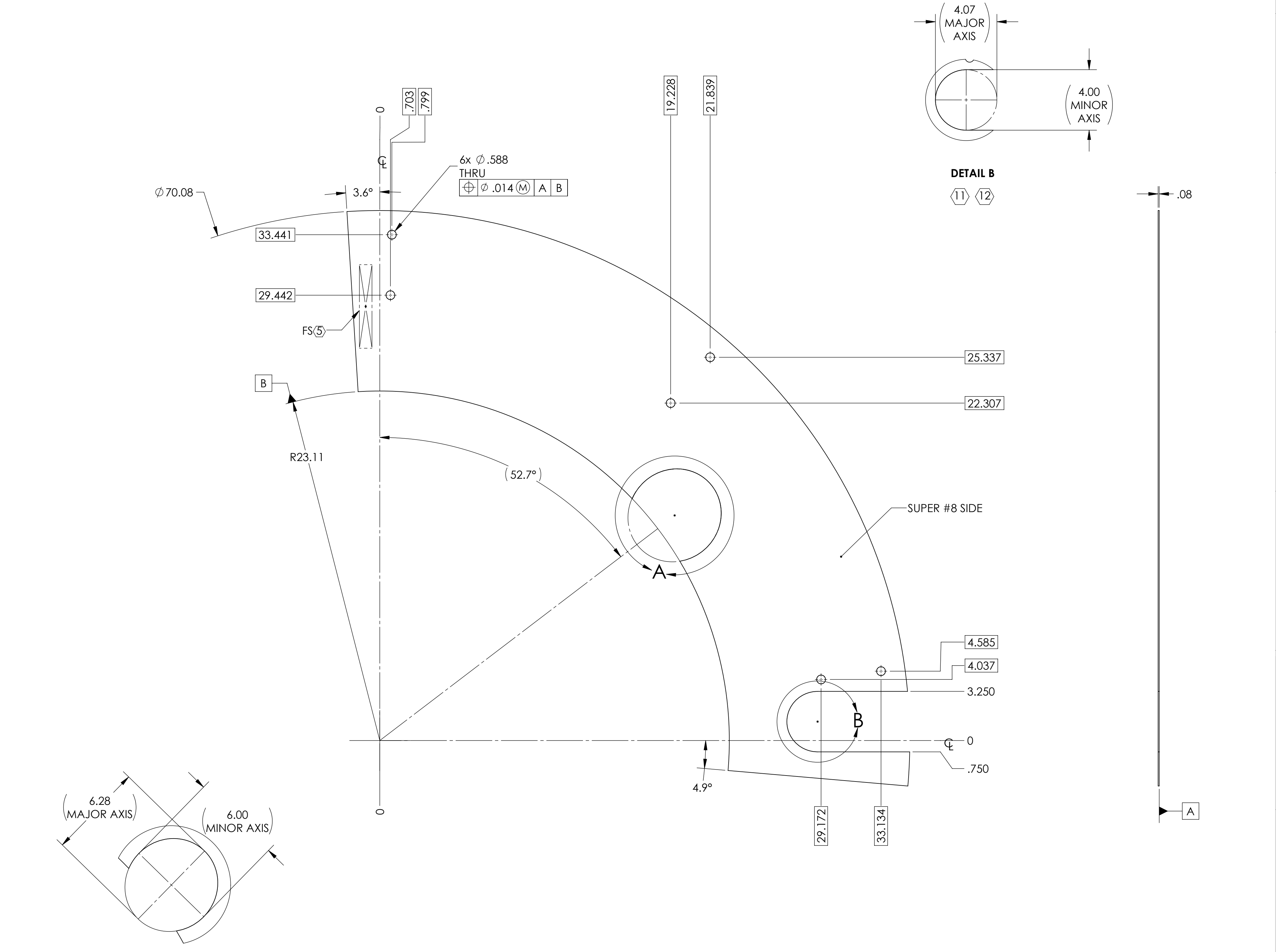
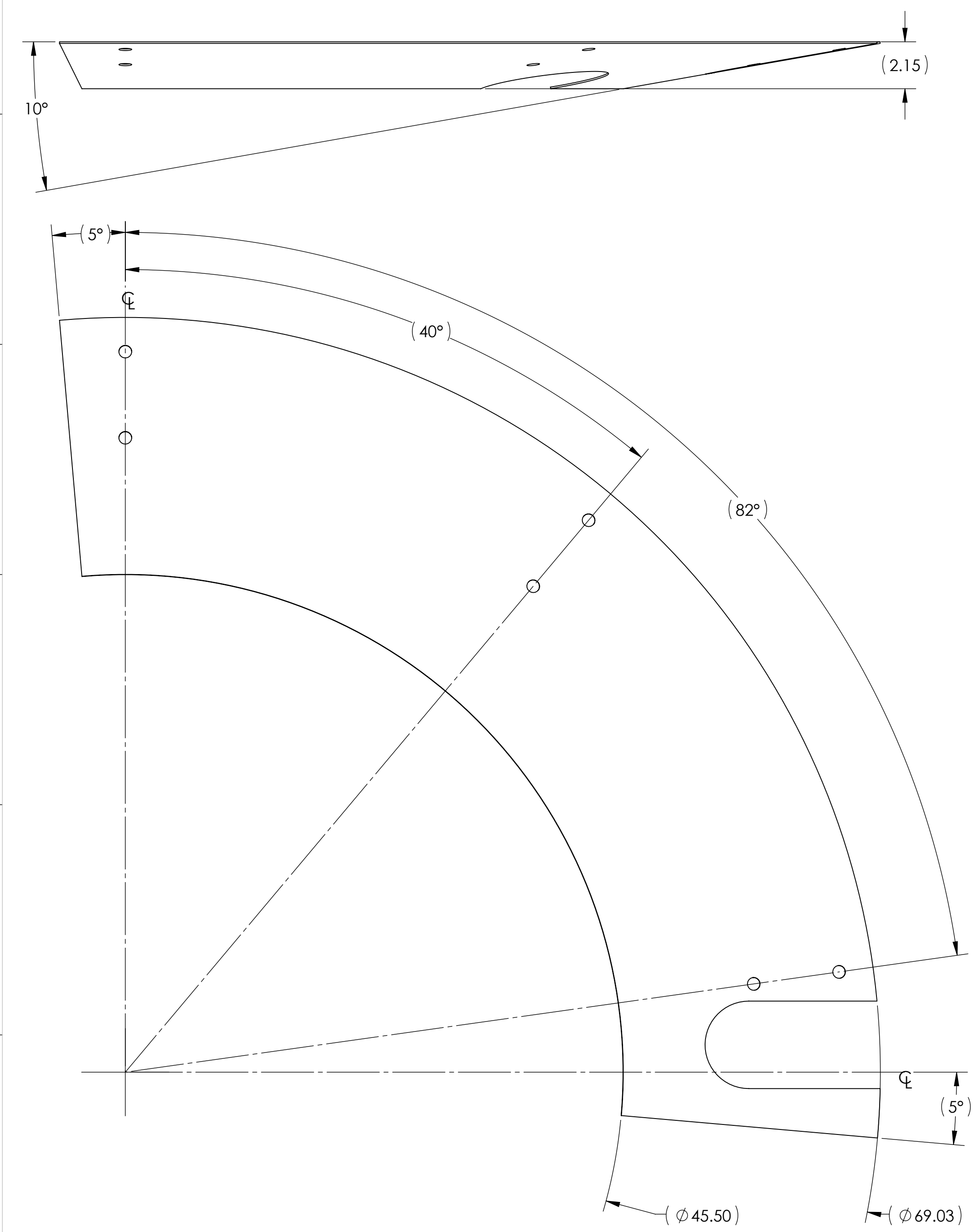


NOTES CONTINUED:
 ⑤ SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR 'TYPE' IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR 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
DO NOT APPLY MARK ON SUPER#8 SIDE

- 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. LIGO SPECIFICATION E0900364
- 8. SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES OR GOUGES.
- 9. FINISH: DLC COAT PER LIGO SPECIFICATION E1600327 AFTER FORMING.
- ⑩ RIGHT HAND SHOWN, LEFT HAND SYMMETRICALLY OPPOSITE.
- ⑪ PARTIALLY DEFINED DRAWING. ALL UNDEMENTIONED FEATURES ARE CONTROLLED BY CAD DIGITAL FILE D1700165-TYPE-v5. PART PDM REV: y-008
- ⑫ TOLERANCE ON UNDEMENTIONED FEATURES SHALL BE: $\sqrt[.010]{A B}$
- ⑬ MATERIAL: SUPER #8 **NON-DIRECTIONAL** 304 SSTL.
- ⑭ ONLY THE SUPPLIER LISTED BELOW IS APPROVED. A SUBSTITUTE SHALL NOT BE USED WITHOUT PRIOR APPROVAL BY LIGO LABORATORY.
 APPROVED SOURCE OF SUPPLY: WWW.ONLINEMETALS.COM

FORMED

FLAT STATE



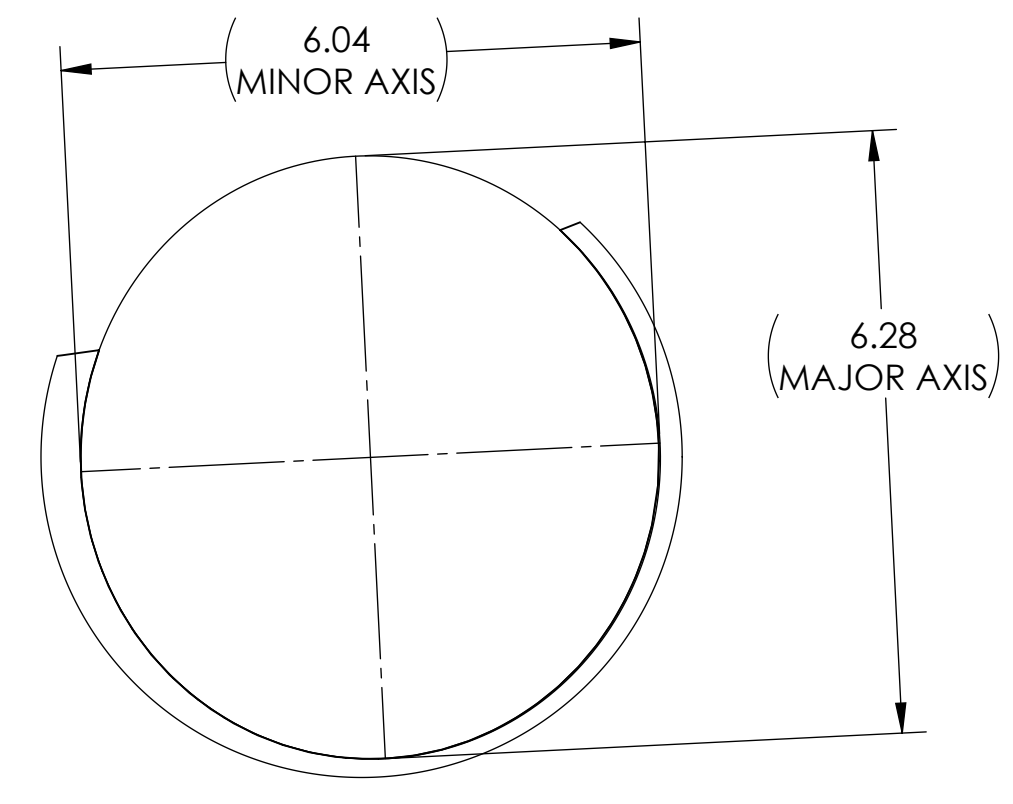
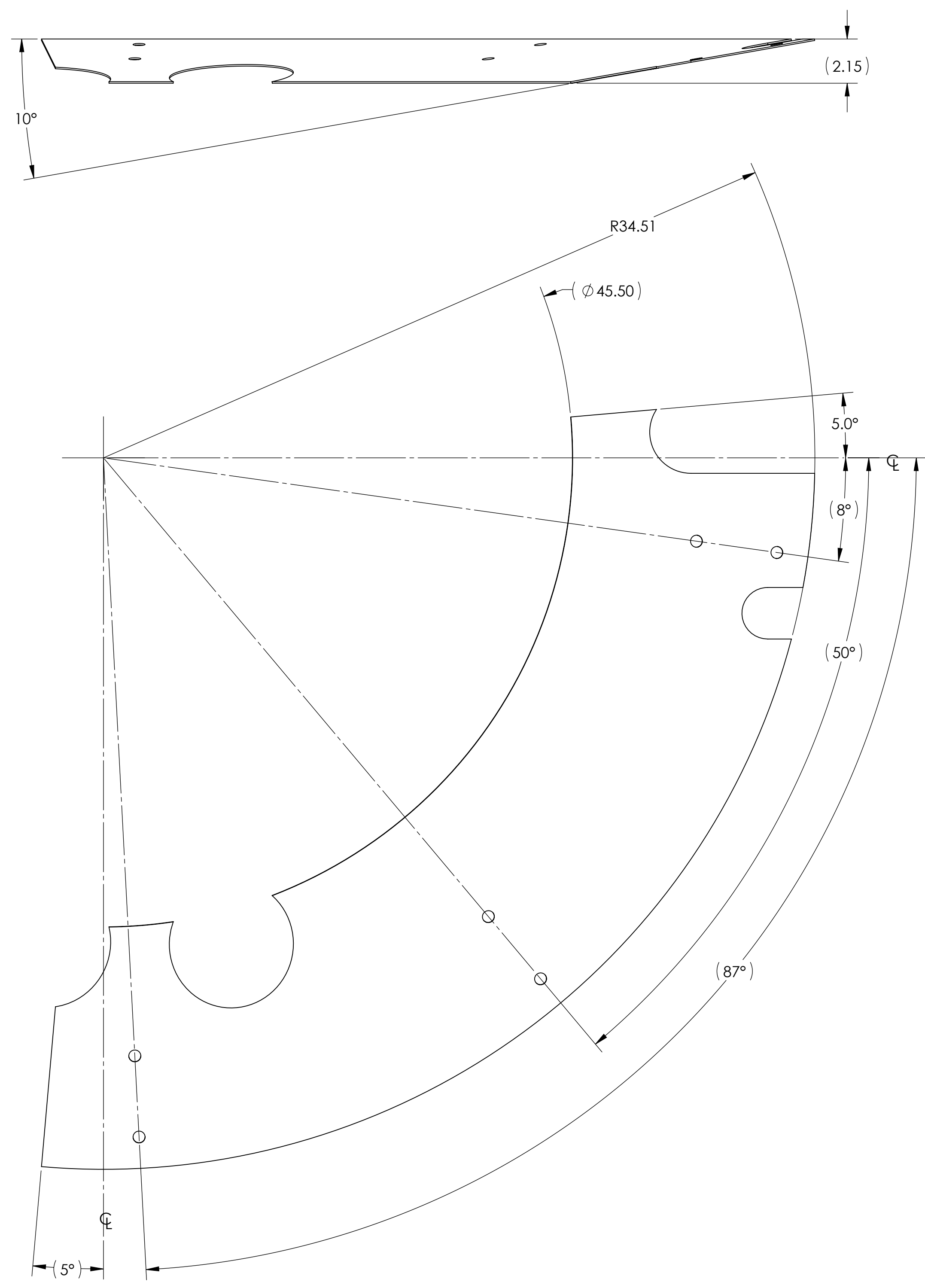
-01 TYPE (SHOWN)
-03 TYPE (OPPOSITE)

REV.	DATE	DCN #	DRAWING TREE #
v1	11 APR 2017	-	-
v4	28 JUL 2017	E1700170-x0	-
v5	13 JUN 2019	E1900182-x0	-

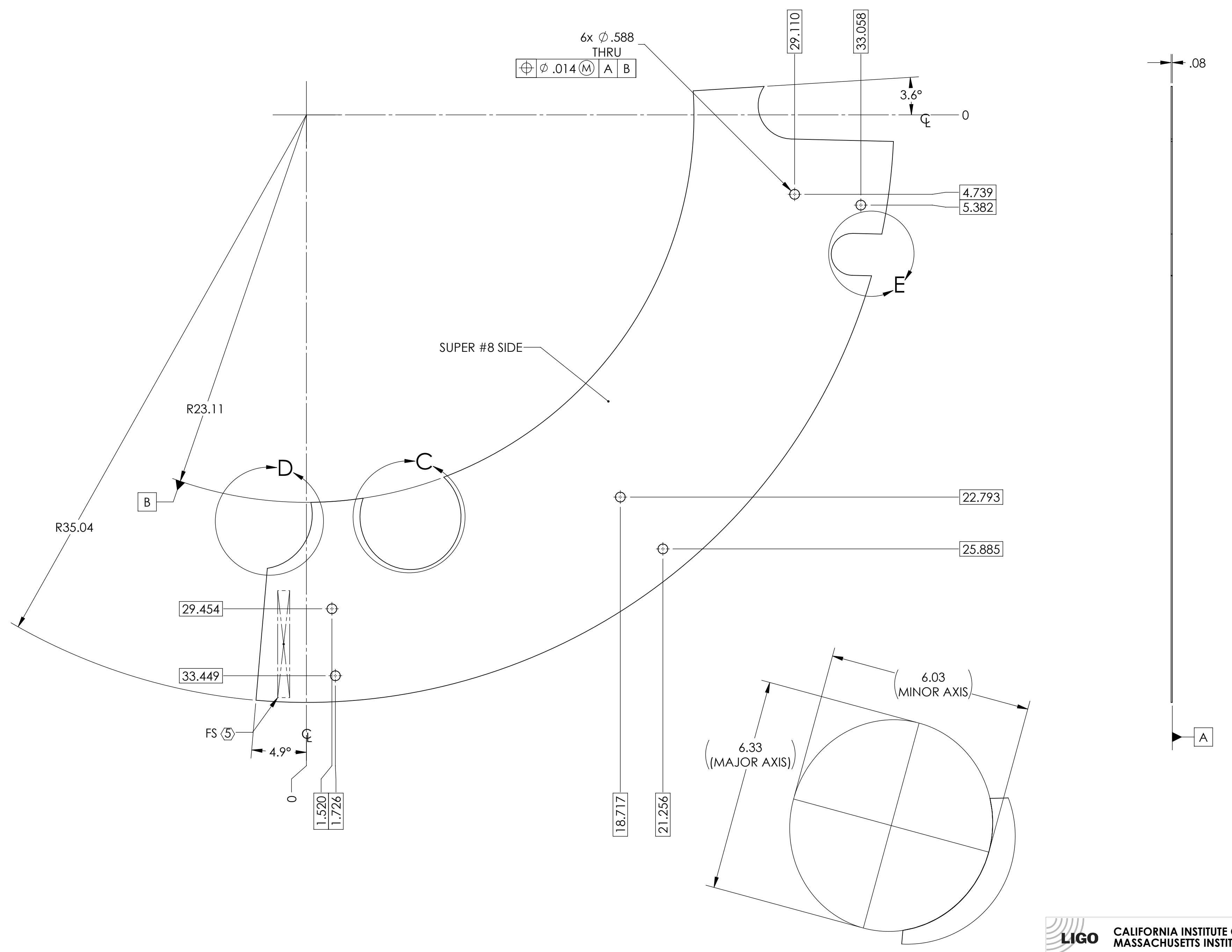
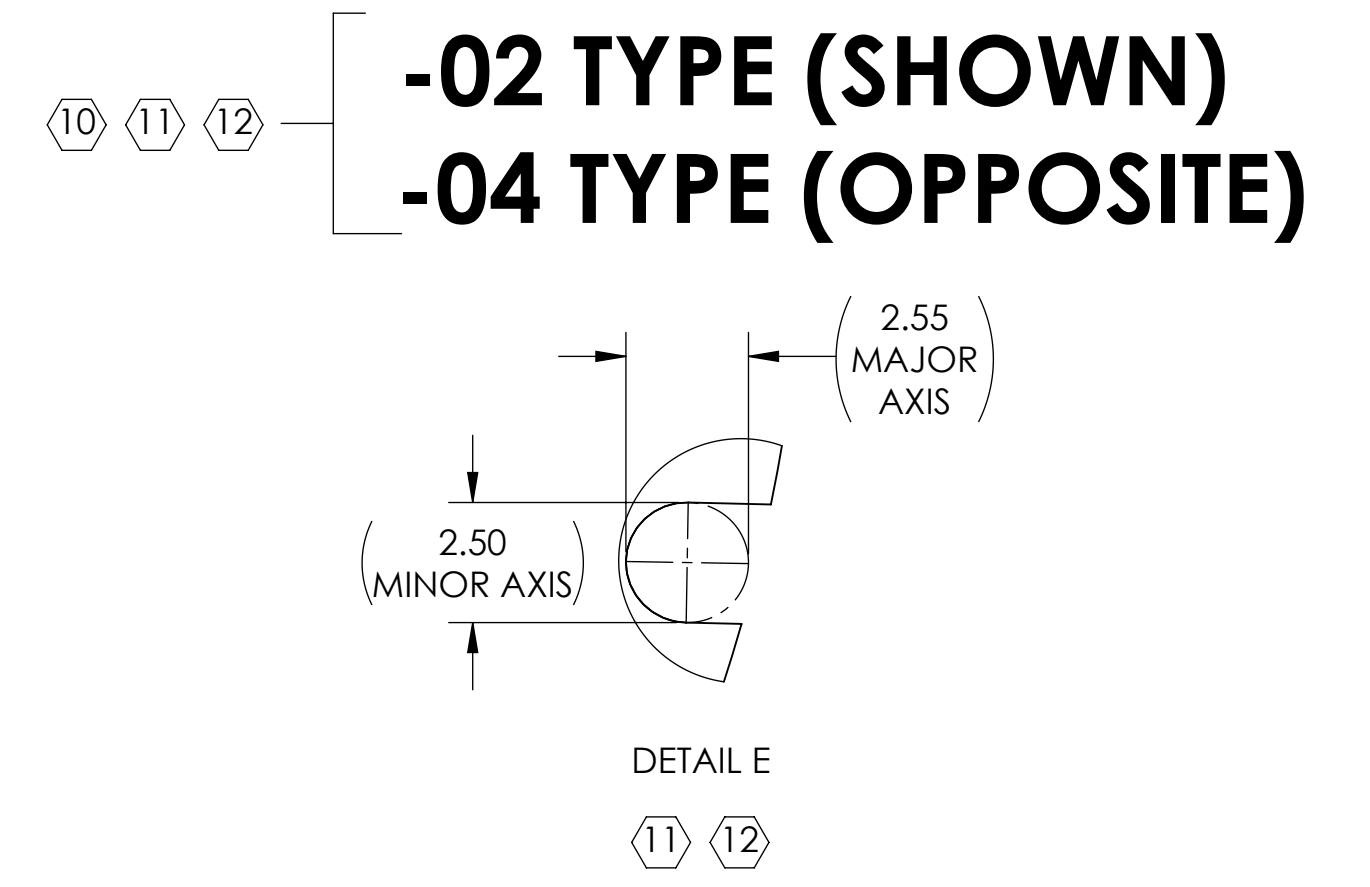
NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME									
1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. ROUND ALL EDGES APPROXIMATELY R.02 FOR SHEET METAL PARTS. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.				ADVANCED LIGO		PCAL		αLIGO, PCAL-VIDEO CAM, PERISCOPE SHIELD (OUTER PANEL)							
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± .01 .XXX ± .005 ANGULAR ± 0.5°				MATERIAL: 304 SSTL ⑬ ⑭		FINISH: SUPER #8 ⑬ ⑭		NEXT ASSY: D1200174		DESIGNER: E.SANCHEZ 09 APR 2017 DRAFTER: E.SANCHEZ 11 APR 2017 CHECKER: SEE DCC APPROVAL: SEE DCC		SIZE: D DWG. NO.: D1700165 SCALE: 1:4 PROJECTION:		REV. v5 SHEET 1 OF 4	

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FLAT STATE



DETAIL C
SCALE 1:2
11 12



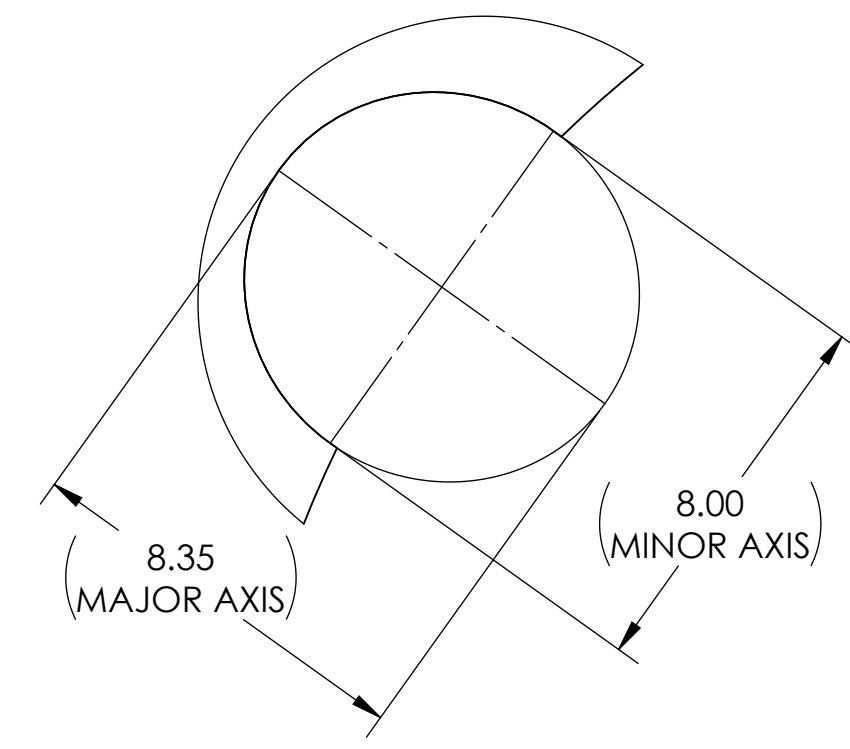
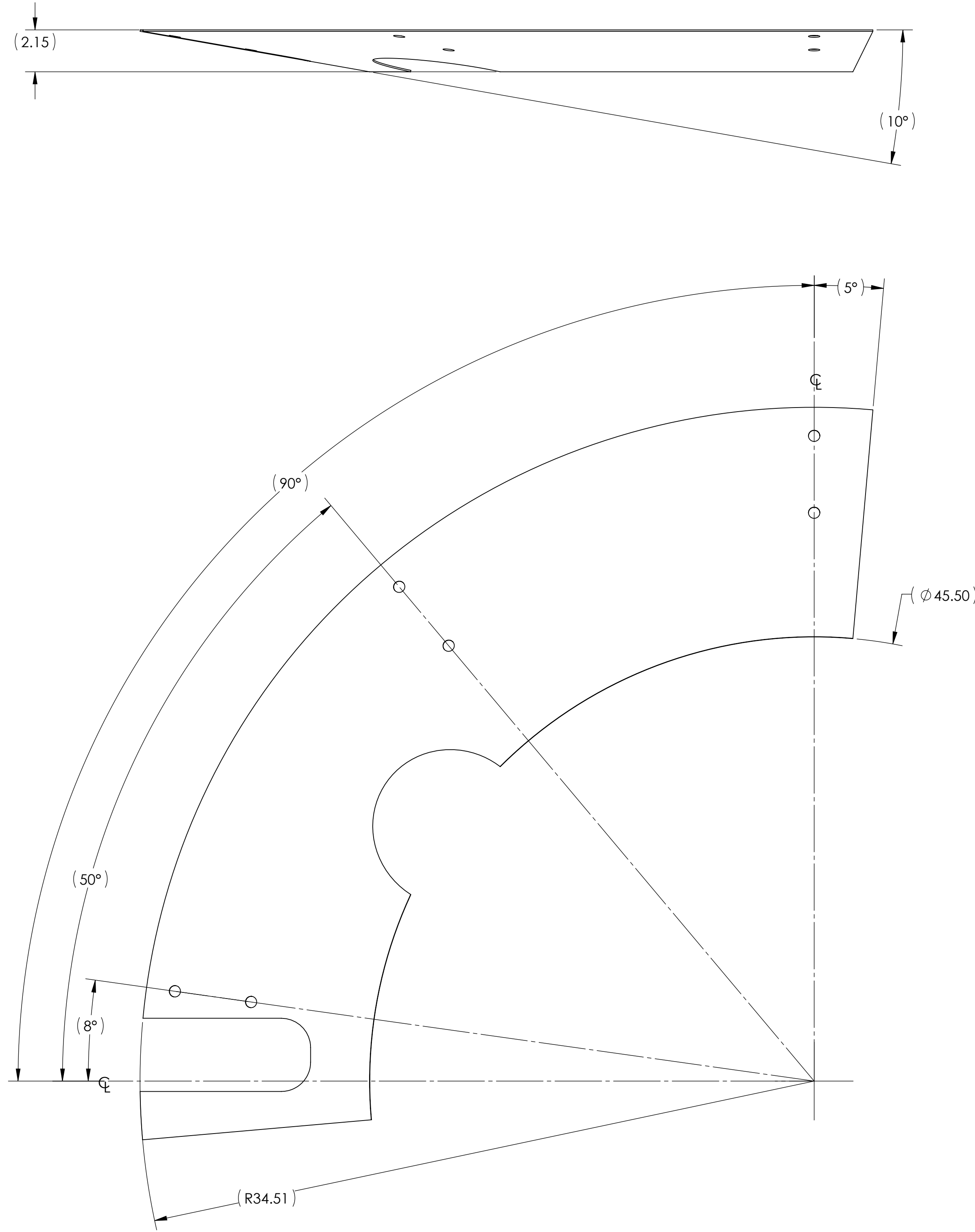
DETAIL D
SCALE 1:2
11 12

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MASSACHUSETTS INSTITUTE OF TECHNOLOGY

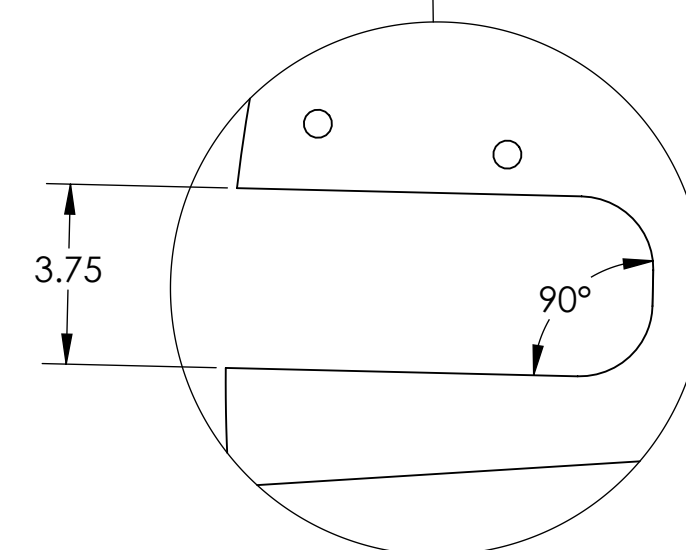
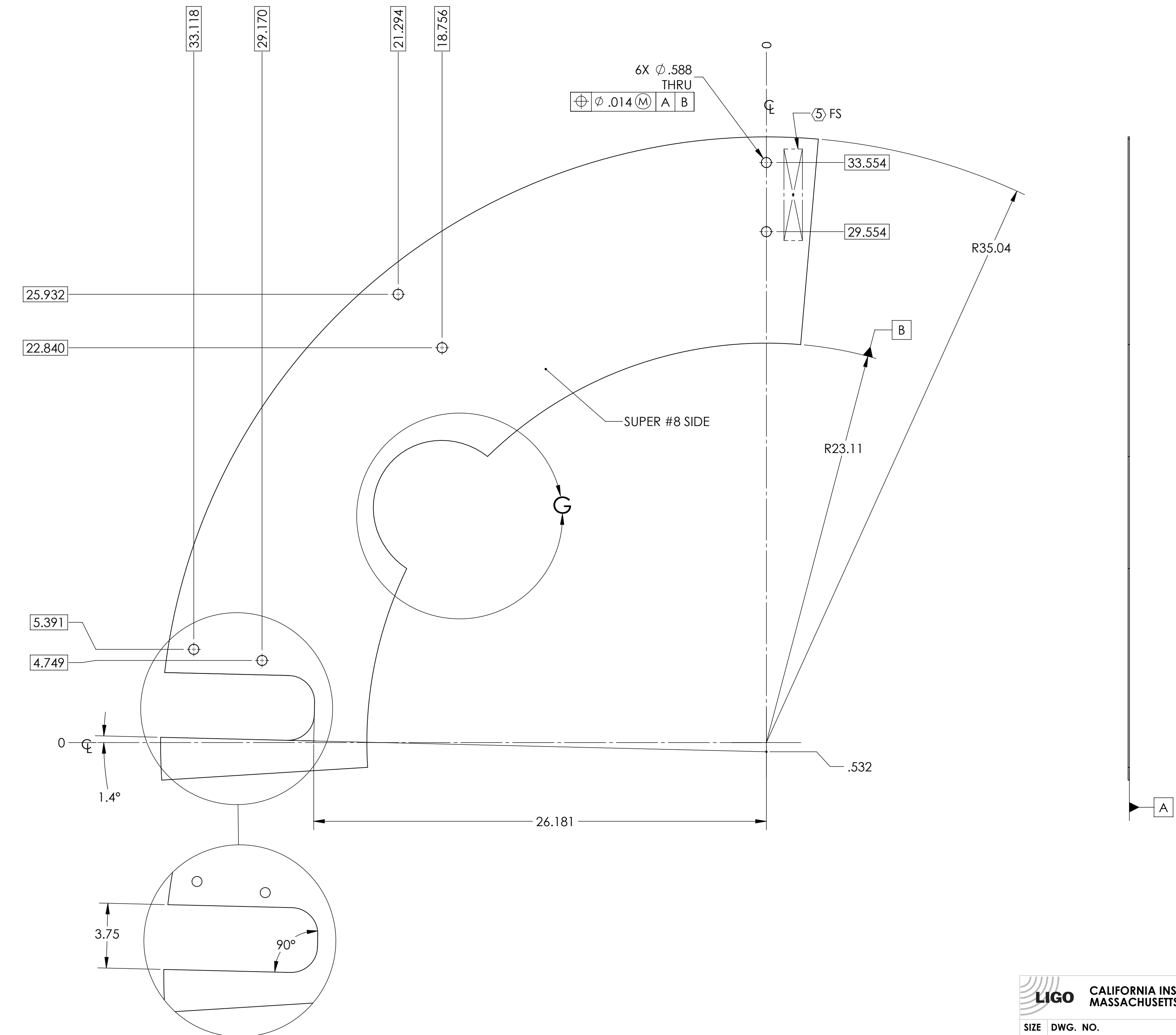
SIZE	DWG. NO.	REV.
D	D1700165	v5
SCALE: 1:4	PROJECTION:	SHEET 2 OF 4

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FLAT STATE



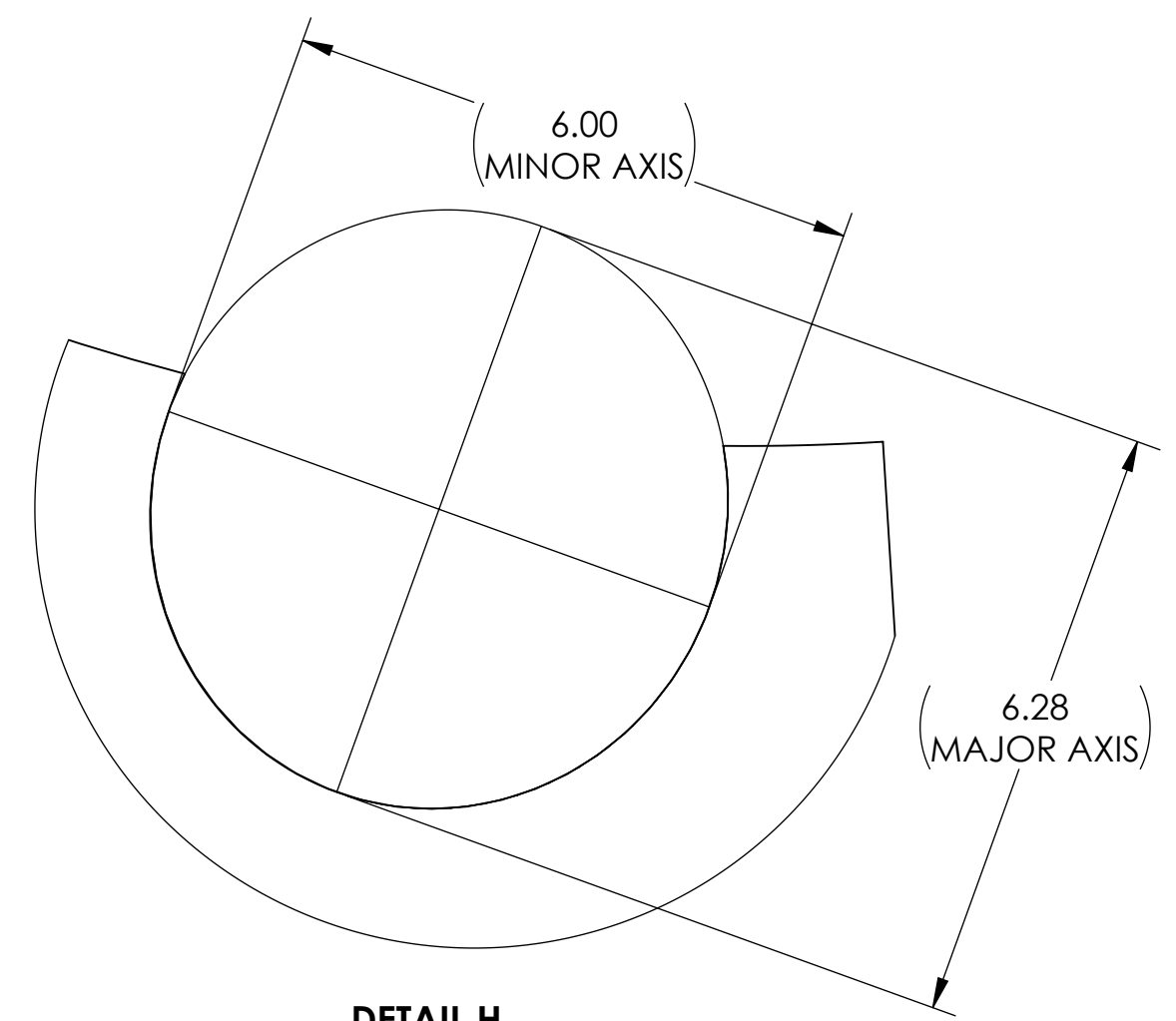
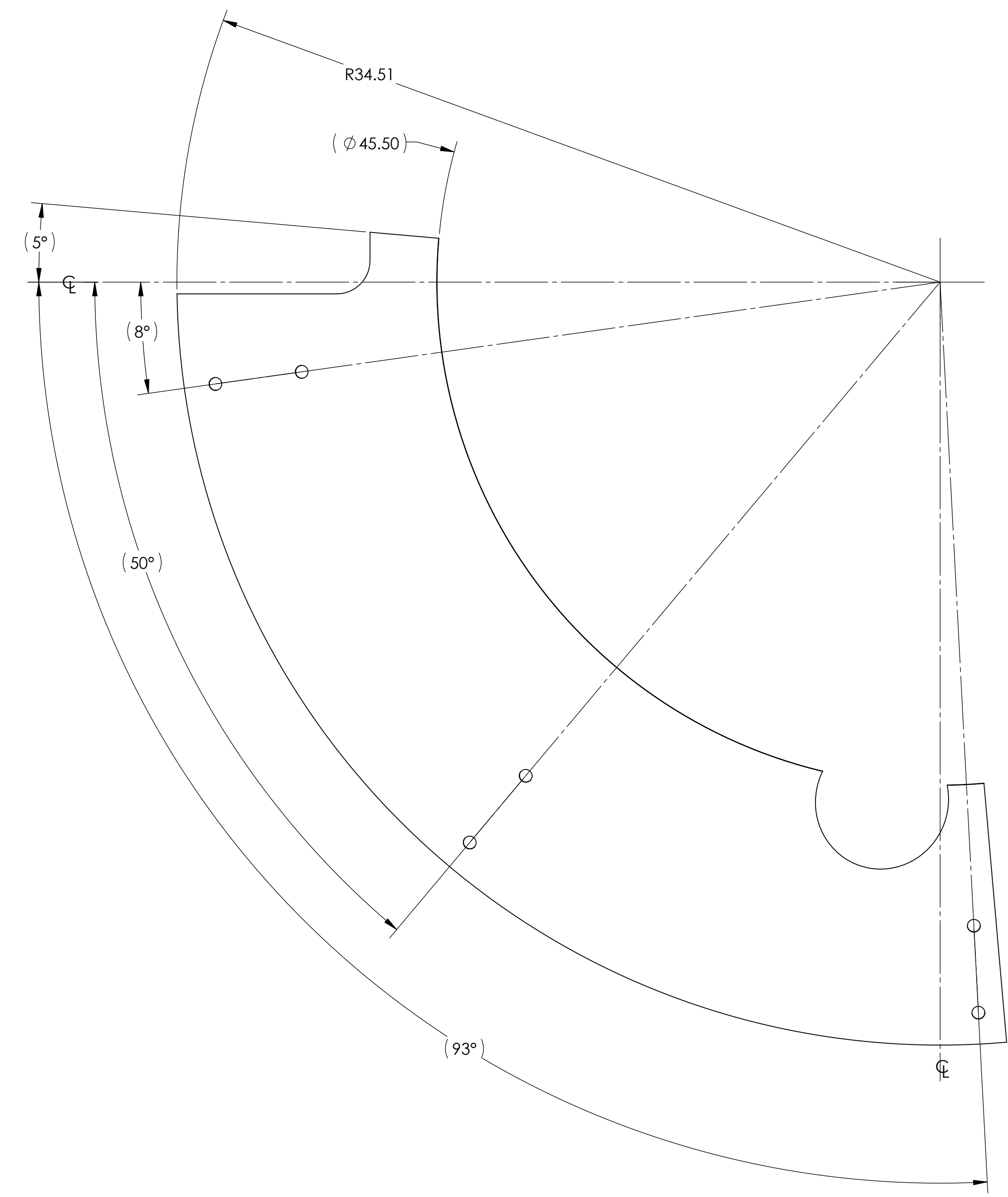
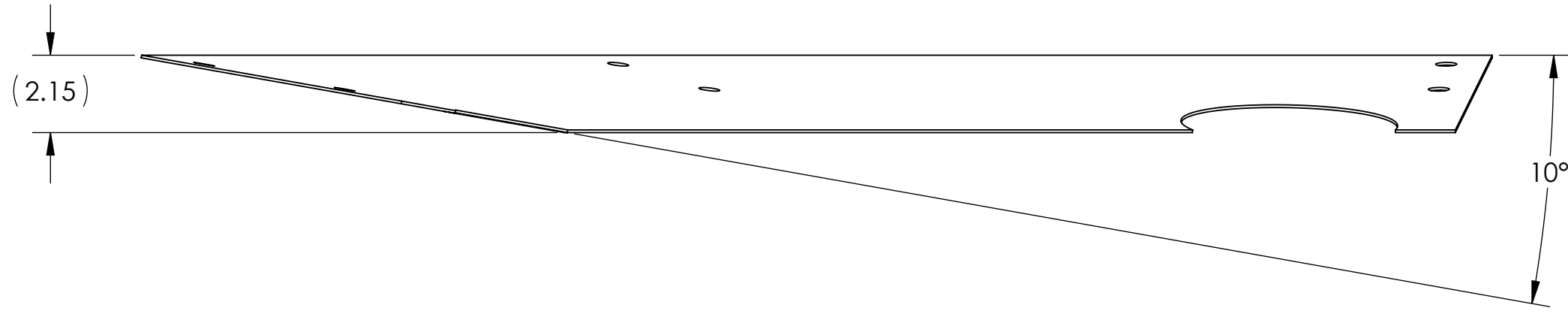
⑩ ⑪ ⑫ — **-05 TYPE (SHOWN)**
-07 TYPE (OPPOSITE)



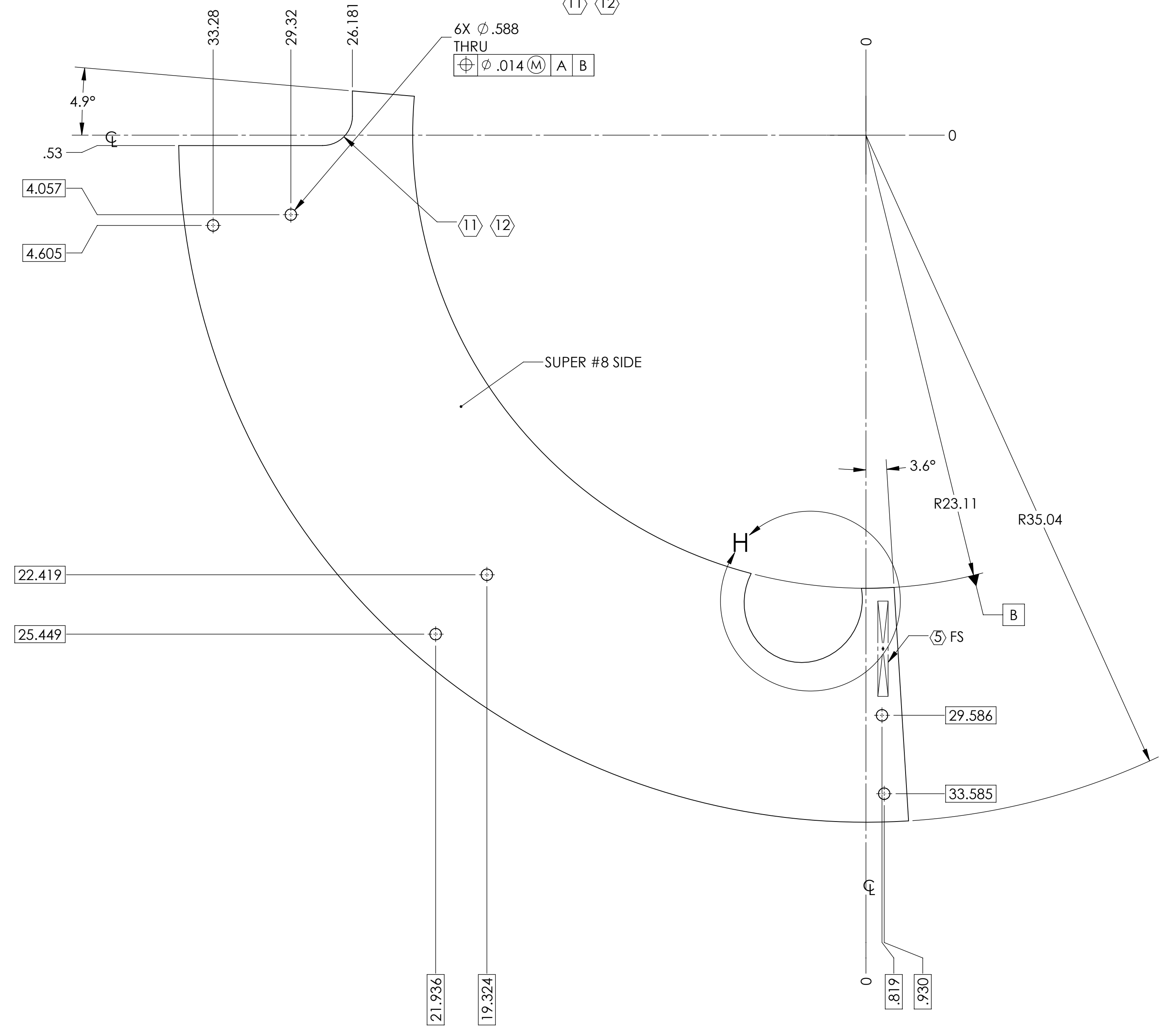
LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SIZE DWG. NO.	REV.
D D1700165	v5
SCALE: 1:4	PROJECTION:
SHEET 3 OF 4	

FORMED

FLAT STATE



DETAIL H
SCALE 1:2
⑪ ⑫



⑩ ⑪ ⑫
-06 TYPE (SHOWN)
-08 TYPE (OPPOSITE)

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SIZE DWG. NO.	REV.
D D1700165	v5
SCALE: 1:4	PROJECTION:
SHEET 4 OF 4	