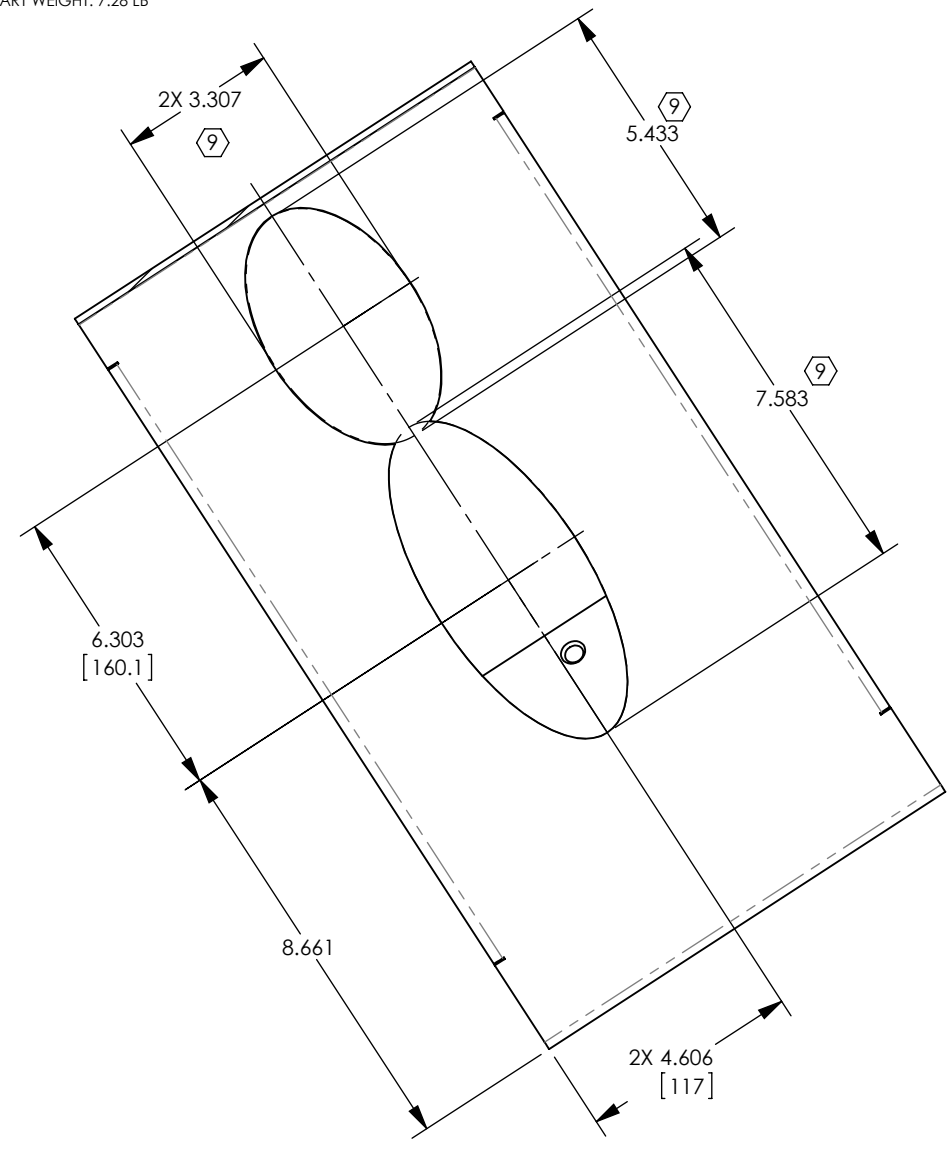


NOTES CONTINUED:

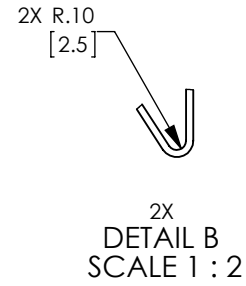
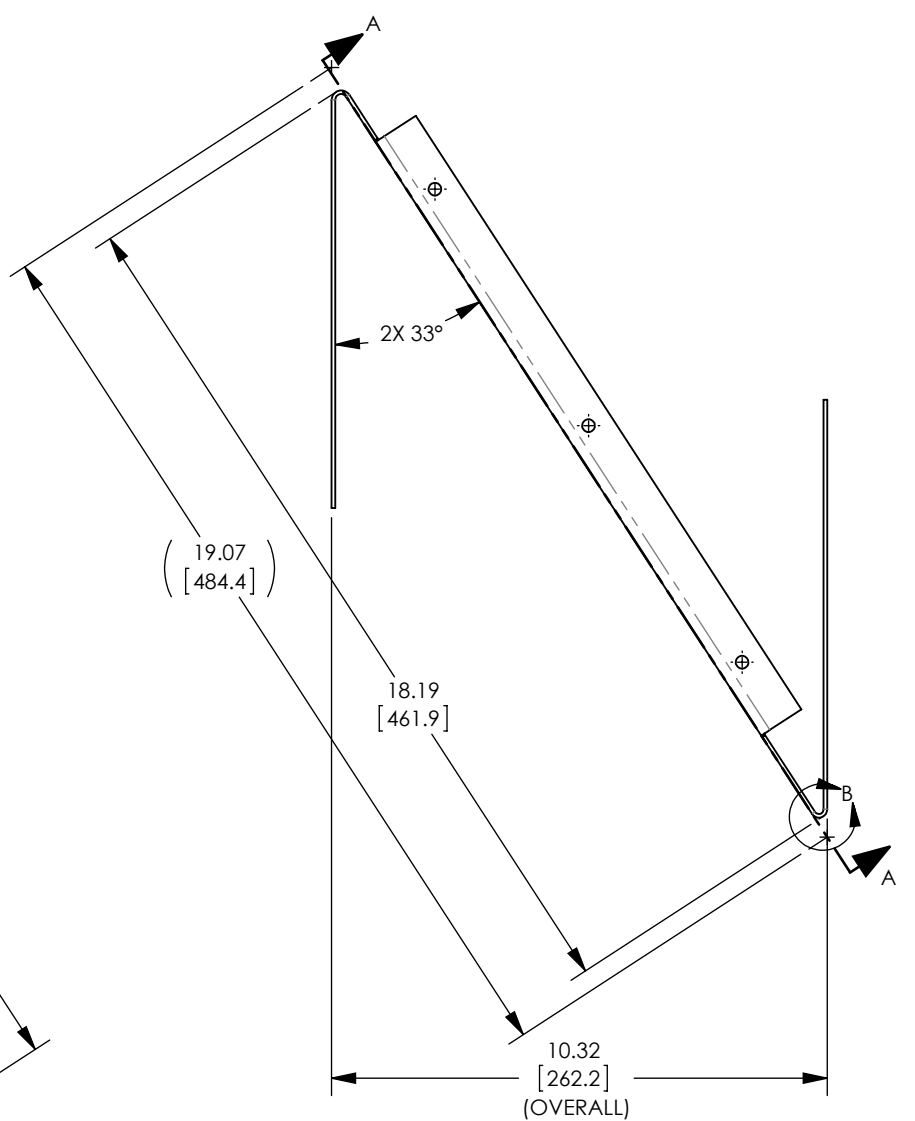
- ⑤ SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. 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 SPEC E0900364 AND E1100842.
- 7. ALL MATERIAL IS TO BE VIRGIN MATERIAL (I.E. NO WELD REPAIRS OR PLUGS) UNLESS APPROVED IN ADVANCE, IN WRITING, BY LIGO PER SPECIFICATION E0900364.
- ⑥ SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES & GOUGES. DO NOT REMOVE PROTECTIVE PLASTIC COATING FROM MIRRORED SIDE.
- ⑦ SEE CAD FILE #D1003301.SLDPRT TO GENERATE ELLIPSE CURVES.
- 10. PART WILL BE OXIDIZED PER LIGO SPECIFICATION E1100842 AFTER FABRICATION.
- 11. BEND RADIUS: UNLESS OTHERWISE NOTED, THE BEND RADIUS SHOULD BE THE MINIMUM REQUIRED TO FORM WITHOUT CRACKING OR REQUIRING ADDITIONAL WORK WHEN FORMING.
- 12. APPROXIMATE PART WEIGHT: 7.28 LB

REV.	DATE	DCN #	DRAWING TREE #
v2	18 DEC 2010	E1000865	-
-	-	-	-
-	-	-	-

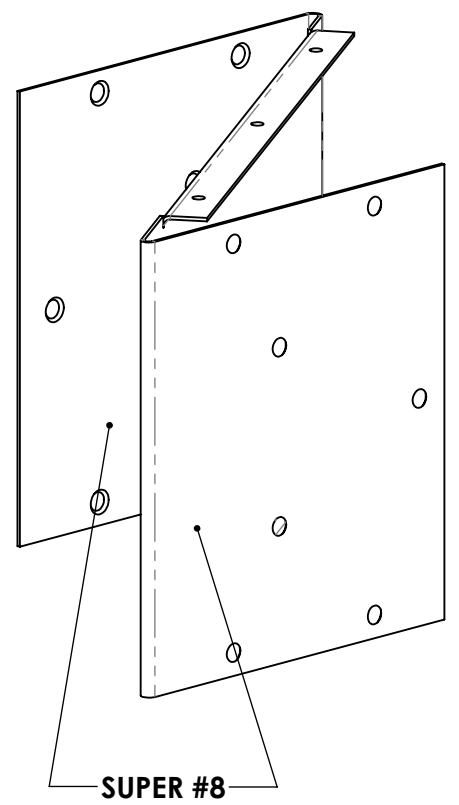
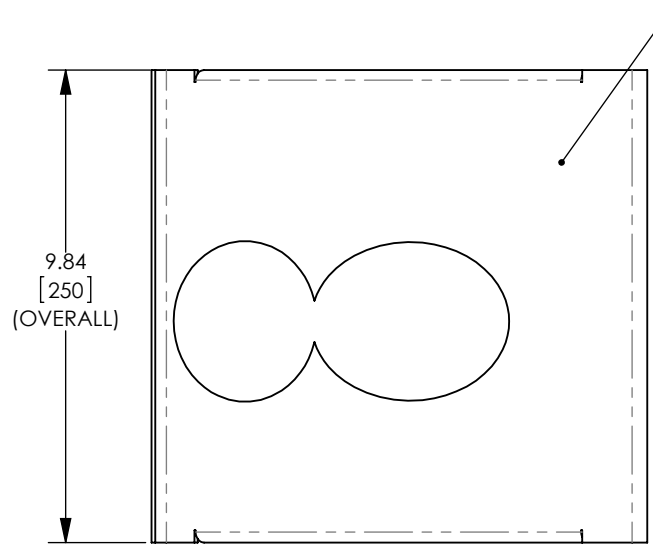
D1003301_AdlIGO_AOS_SR2 Scraper Baffle Skin, PART PDM REV: X-040, DRAWING PDM REV: X-032



SECTION A-A



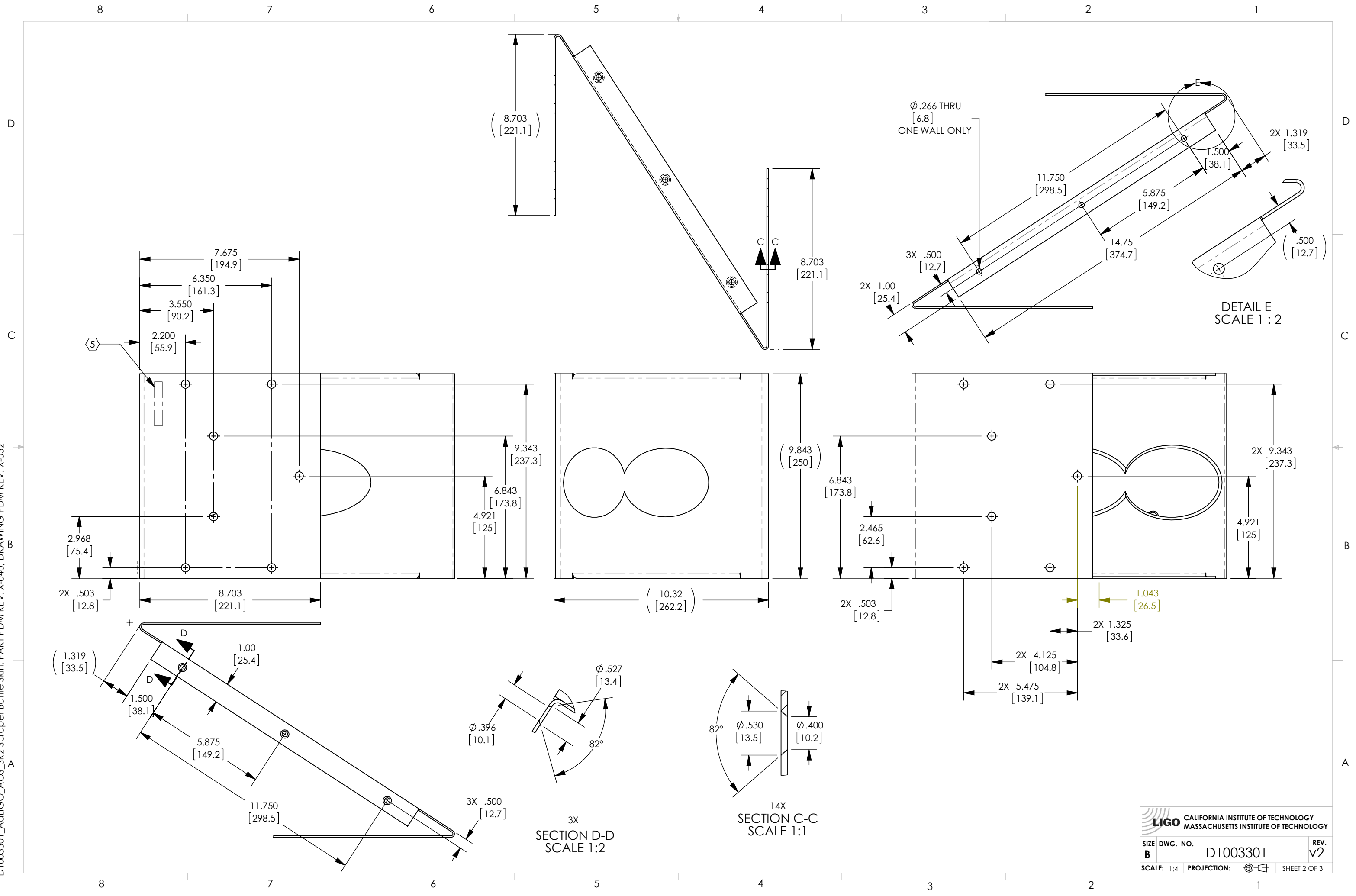
2X R.10 [2.5]
2X
DETAIL B
SCALE 1 : 2





SUPER #8

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± .03 .XXX ± .005 ANGULAR ± 1.0°				1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES AND BURRS AND ROUND EDGES APPROXIMATELY R.02. 3. DO NOT SCALE FROM DRAWING. 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE AND CHLORINE PER LIGO DOCUMENT E0900237.		SR2 Scraper Baffle Skin	
MATERIAL 14 GA, 304 SSSL		FINISH SUPER #8		SYSTEM ADVANCED LIGO		SUB-SYSTEM AOS	
NEXT ASSY D1003300				DESIGNER M. RUIZ		DATE 06 DEC 2010	
				DRAFTER M. RUIZ		DATE 16 NOV 2011	
				CHECKER M. SMITH		DATE 17 MAY 2012	
				APPROVAL M. SMITH		DATE 17 MAY 2012	
				SIZE B		DWG. NO. D1003301	
				SCALE: 1:4		PROJECTION:	
				SHEET 1 OF 3		REV. v2	

D1003301_AcLIGO_AOS_SR2 Scraper Baffle Skin, PART PDM REV: X-040, DRAWING PDM REV: X-032



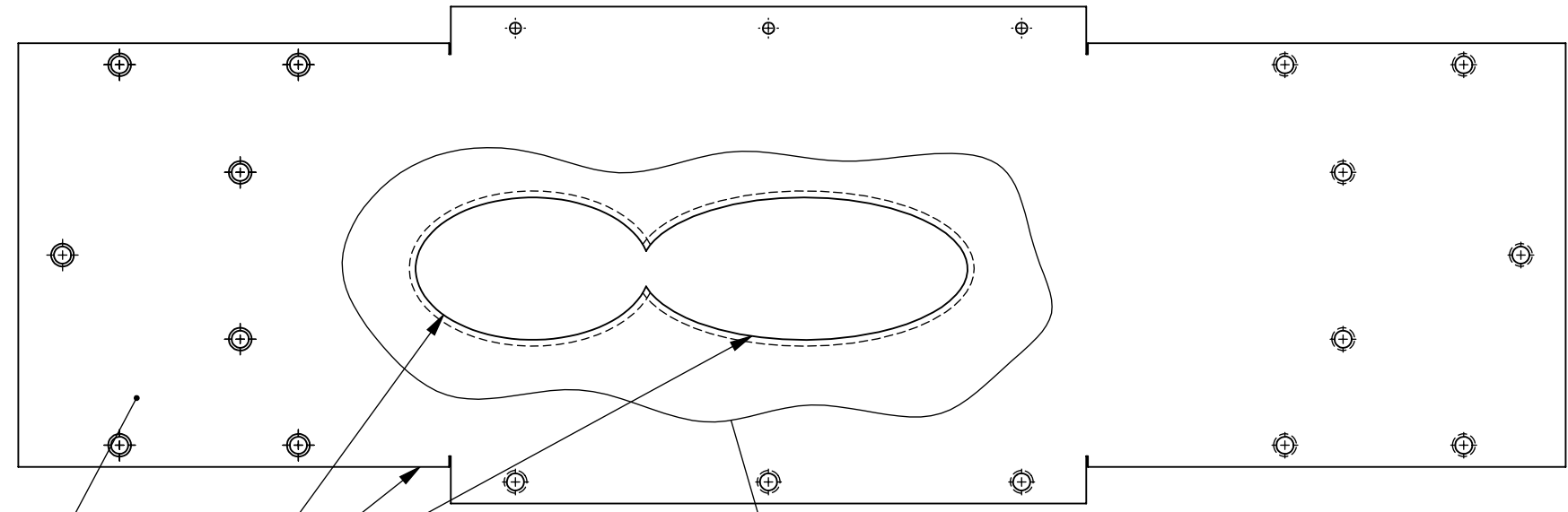

CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SIZE	DWG. NO.	REV.
B	D1003301	v2
SCALE: 1:4		PROJECTION: 
		SHEET 2 OF 3

D1003301_AcLIGO_AOS_SR2 Scraper Baffle Skin, PART PDM REV: X-040, DRAWING PDM REV: X-032

8 7 6 5 4 3 2 1

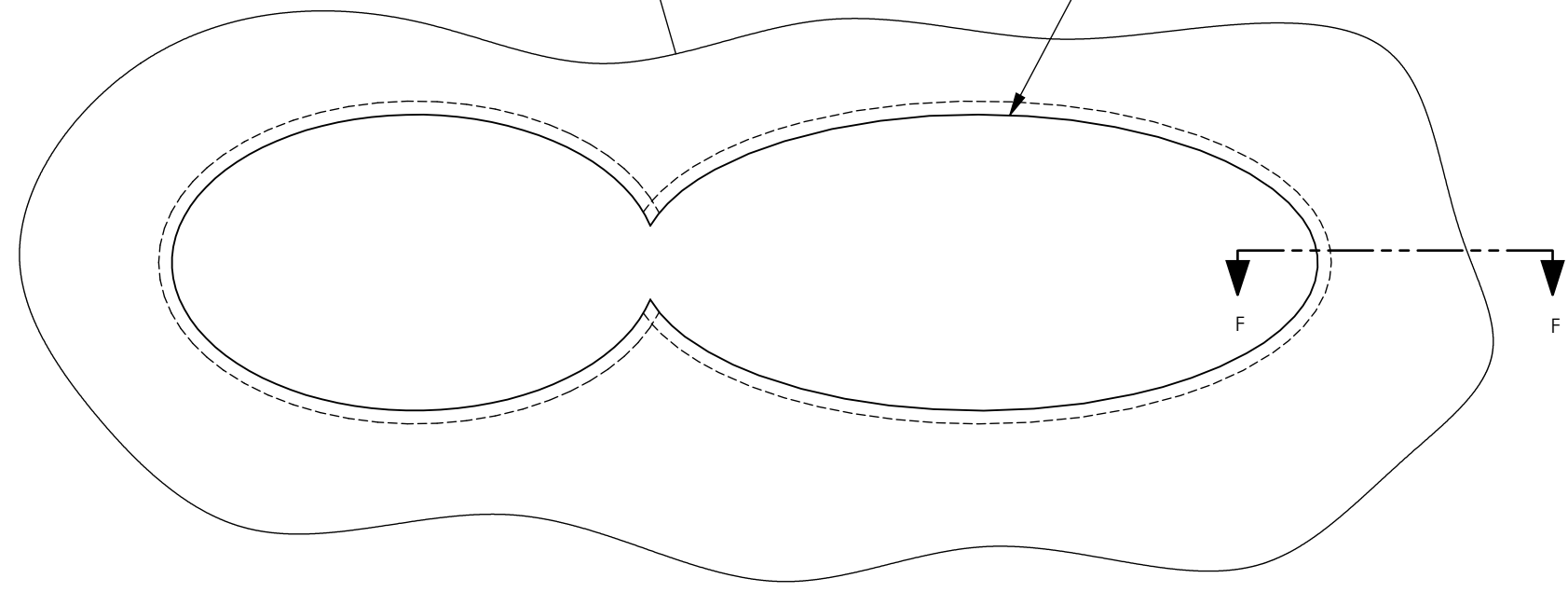
D
C
B
A



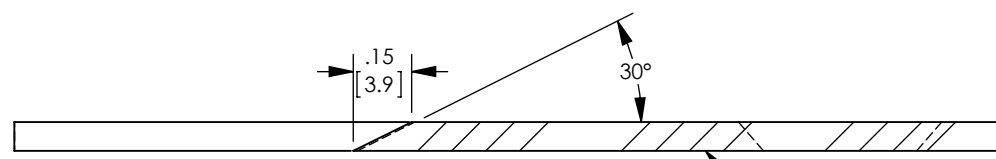
SUPER #8

BREAK EDGES .005" MAX
FREE OF BURRS

APERTURE



DETAIL F
SCALE 1 : 2



SECTION F-F
SCALE 2 : 1
2X

SUPER #8

8 7 6 5 4 3 2 1

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SIZE	DWG. NO.	REV.
B	D1003301	v2
SCALE: 1:4		PROJECTION:
		SHEET 3 OF 3