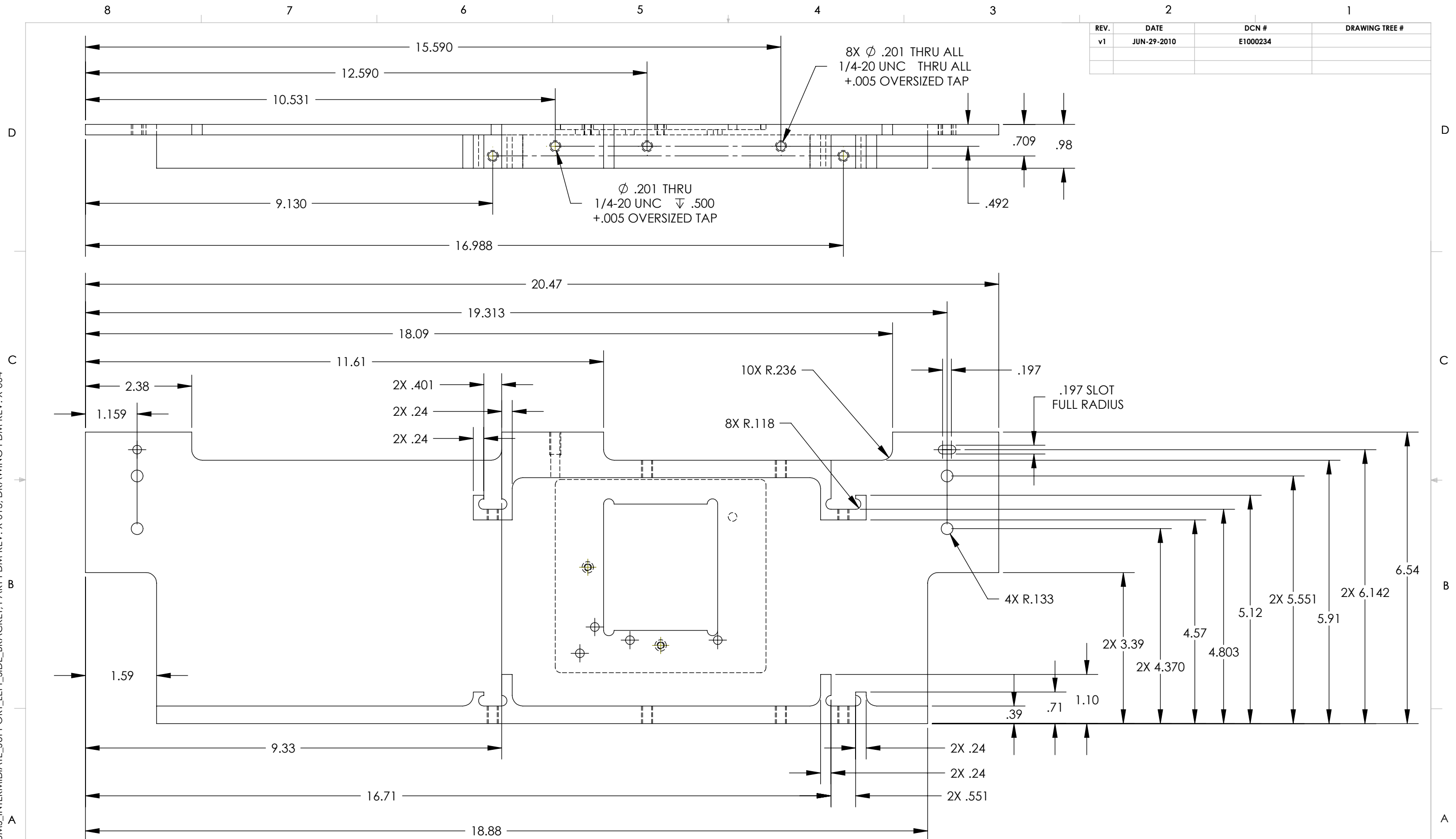


D1000408 aLIGO_OSUMS_INTERMEDIATE_SUPPORT_LEFT_SIDE_BRACKET, PART PDM REV: X-015, DRAWING PDM REV: X-004

REV.	DATE	DCN #	DRAWING TREE #
v1	JUN-29-2010	E1000234	



3. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH, USE OF ABRASIVE TECHNIQUES IS NOT ALLOWED.
2. DO NOT USE SANDPAPER, SCOTCH BRITE OR SIMILAR PRODUCTS.
1. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPECIFICATION E0900364

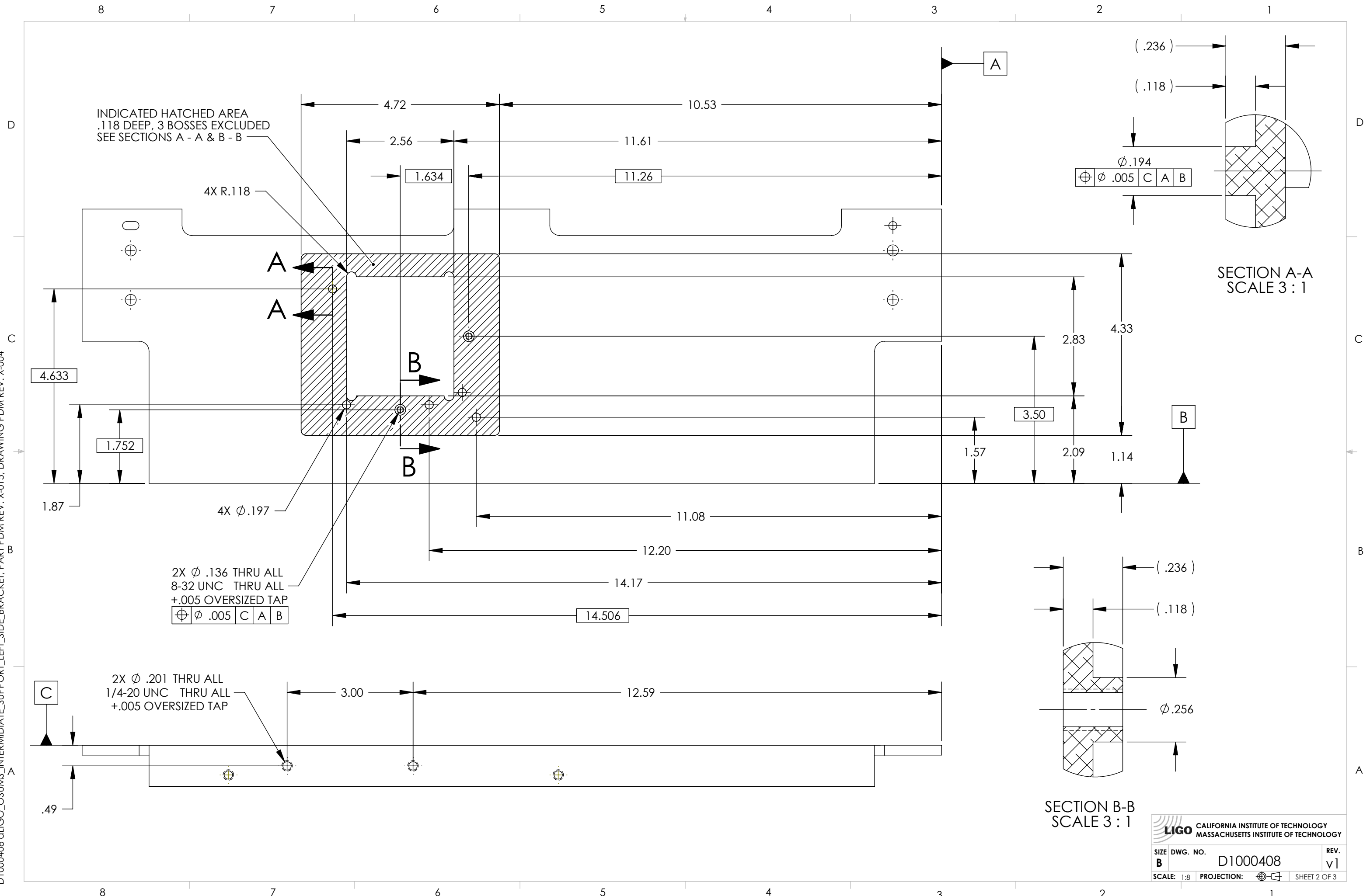
Ⓢ SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO DYES OR INKS) A UNIQUE THREE DIGIT SERIAL NUMBER & REVISION NUMBER ON EACH PART. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. BAG AND TAG PARTS WITH THEIR DRAWING PART NUMBER, REVISION, VARIANT OR "TYPE" (IF APPLICABLE), AND 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

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN INCHES	
TOLERANCES: .XX $\pm .01$.XXX $\pm .005$	
ANGULAR $\pm 1.0^\circ$	
1. INTERPRET DRAWING PER ASME Y14.5-1994. 2. REMOVE ALL SHARP EDGES, R.02 MIN. 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	FINISH
6061-T6 AL ALLOY	32 μ inch

CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	PART NAME	
	aLIGO_OSUMS_INTERMEDIATE_SUPPORT_LEFT_SIDE_BRACKET	
SYSTEM	aLIGO AOS	SUB-SYSTEM
NEXT ASSY	D1000549	TRANSMON

DESIGNER	I ROMERO	26/APR/2010	SIZE	DWG. NO.	REV.
DRAFTER	K MAILAND	26/APR/2010	B	D1000408	v1
CHECKER	K MAILAND	26/APR/2010	SCALE:	1:8	PROJECTION:
APPROVAL	K MAILAND	26/APR/2010	SHEET 1 OF 3		

D1000408 dLIGO_OSUMS_INTERMEDIATE_SUPPORT_LEFT_SIDE_BRACKET, PART PDM REV: X-015, DRAWING PDM REV: X-004



INDICATED HATCHED AREA
.118 DEEP, 3 BOSSES EXCLUDED
SEE SECTIONS A - A & B - B

4X R.118

4X ϕ .197

2X ϕ .136 THRU ALL
8-32 UNC THRU ALL
+.005 OVERSIZED TAP
 $\oplus \phi$.005 C A B

2X ϕ .201 THRU ALL
1/4-20 UNC THRU ALL
+.005 OVERSIZED TAP

SECTION A-A
SCALE 3 : 1

SECTION B-B
SCALE 3 : 1

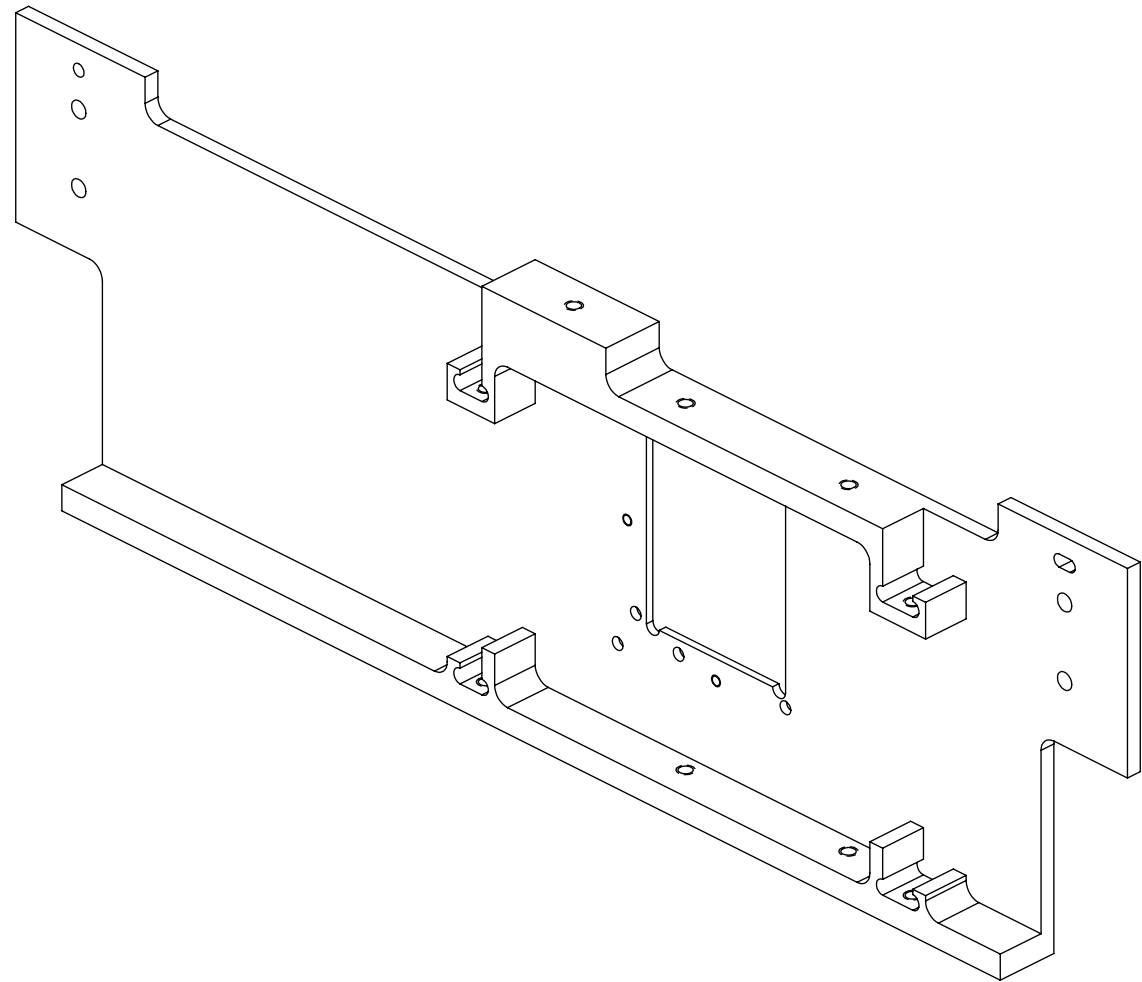
LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SIZE	DWG. NO.	REV.
B	D1000408	v1
SCALE: 1:8	PROJECTION:	SHEET 2 OF 3

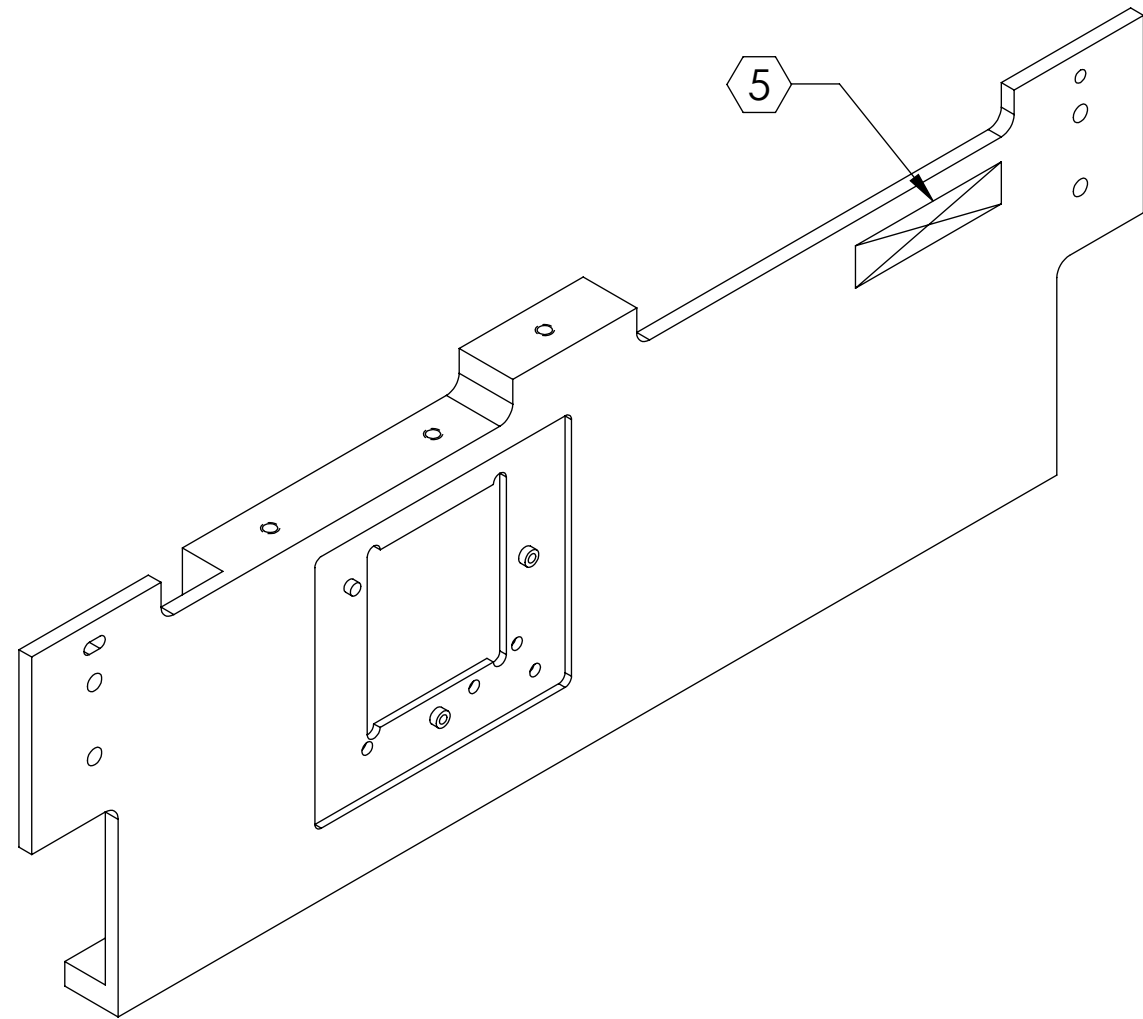
D1000408 dLIGO_OSUMS_INTERMEDIATE_SUPPORT_LEFT_SIDE_BRACKET, PART PDM REV: X-015, DRAWING PDM REV: X-004

8 7 6 5 4 3 2 1



D
C
B
A



INSIDE ISO VIEW



OUTSIDE ISO VIEW

 CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		
SIZE B	DWG. NO. D1000408	REV. v1
SCALE: 1:8	PROJECTION: 	SHEET 3 OF 3

8 7 6 5 4 3 2 1