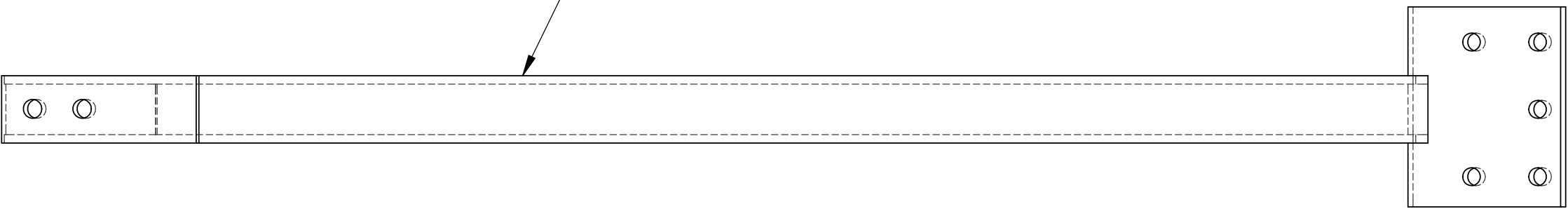


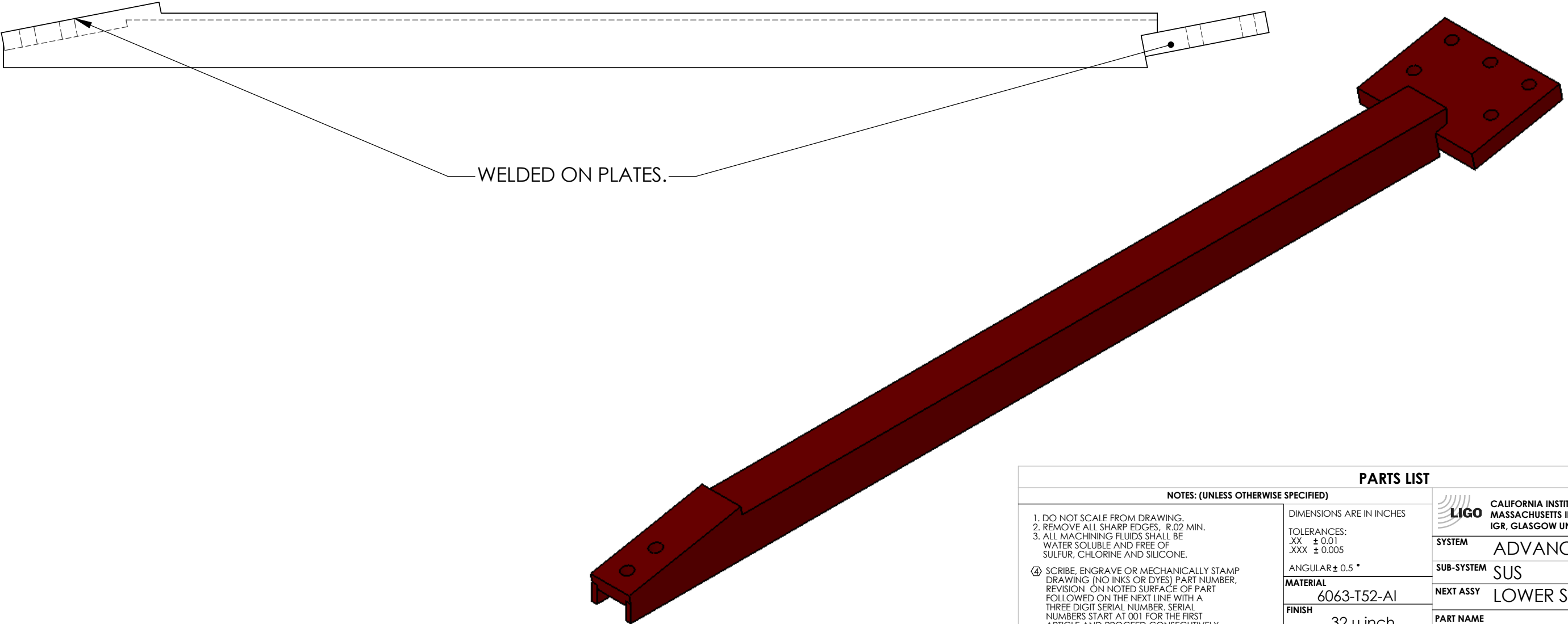
8 7 6 5 4 3 2 1

REV.	DATE	DCN #	DRAWING TREE #
A	MAR 23 2006	E060057-00	E060059-A

EXTRUDED ALUMINIUM CHANNEL, 1" x 1" x 1/8" WALLS.



WELDED ON PLATES.



**NOTES: (UNLESS OTHERWISE SPECIFIED)**

- DO NOT SCALE FROM DRAWING.
- REMOVE ALL SHARP EDGES, R.02 MIN.
- ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE.

④ SCRIBE, ENGRAVE OR MECHANICALLY STAMP DRAWING (NO INKS OR DYES) PART NUMBER, REVISION 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 .12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALL CHARACTERS. A VIBRATORY TOOL MAY BE USED. EXAMPLE:  
D050044-A  
S/N 001

DIMENSIONS ARE IN INCHES

TOLERANCES:  
.XX ± 0.01  
.XXX ± 0.005

ANGULAR ± 0.5 °

MATERIAL  
6063-T52-AI

FINISH  
32 µ inch

	NAME	DATE
DRAWN	C Torrie	9th May 2005
DESIGNED	R Jones	9th May 2005
CHECKED		
APPROVED		

**PARTS LIST**

**LIGO** CALIFORNIA INSTITUTE OF TECHNOLOGY  
MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
IGR, GLASGOW UNIVERSITY GEO 600 GROUP

SYSTEM	ADVANCED LIGO
SUB-SYSTEM	SUS
NEXT ASSY	LOWER STR
PART NAME	LOWER STR ANGLED LONG FRONT STRAP

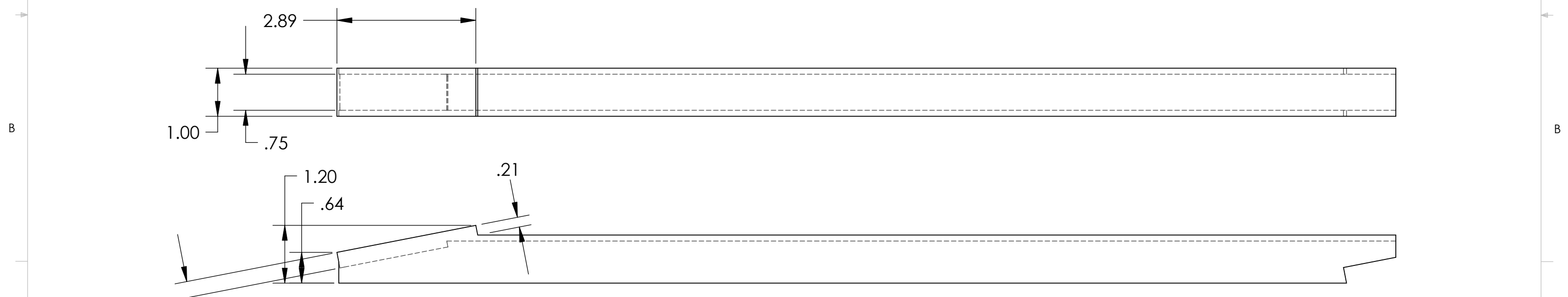
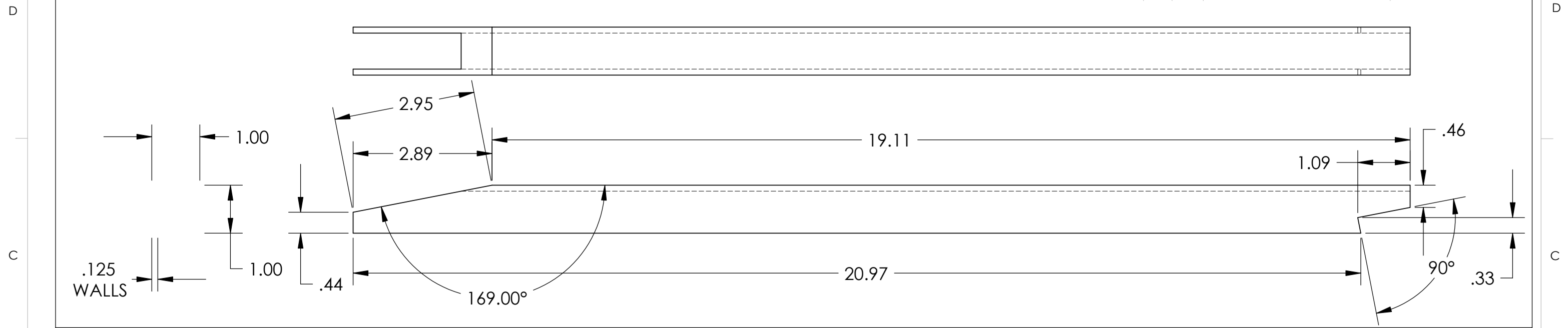
SIZE	DWG. NO.	REV.
B	D050044	A

SCALE: 1:4 PROJECTION: SHEET 1 OF 4

8 7 6 5 4 3 2 1

REV.	DATE	DCN #	DRAWING TREE #
A	MAR 23 2006	E060057-00	E060059-A

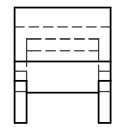
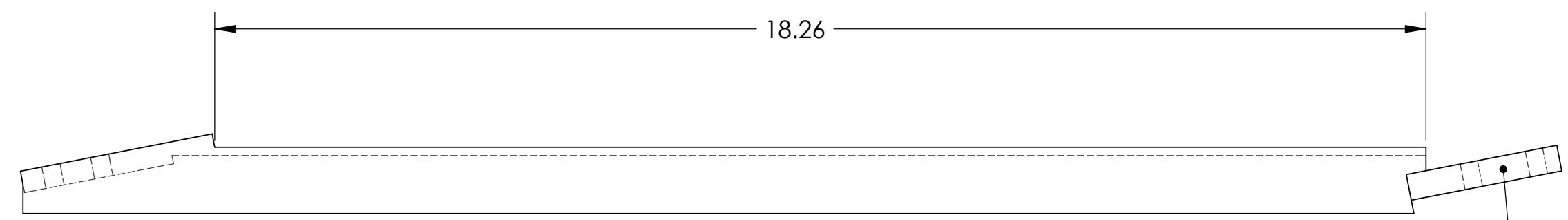
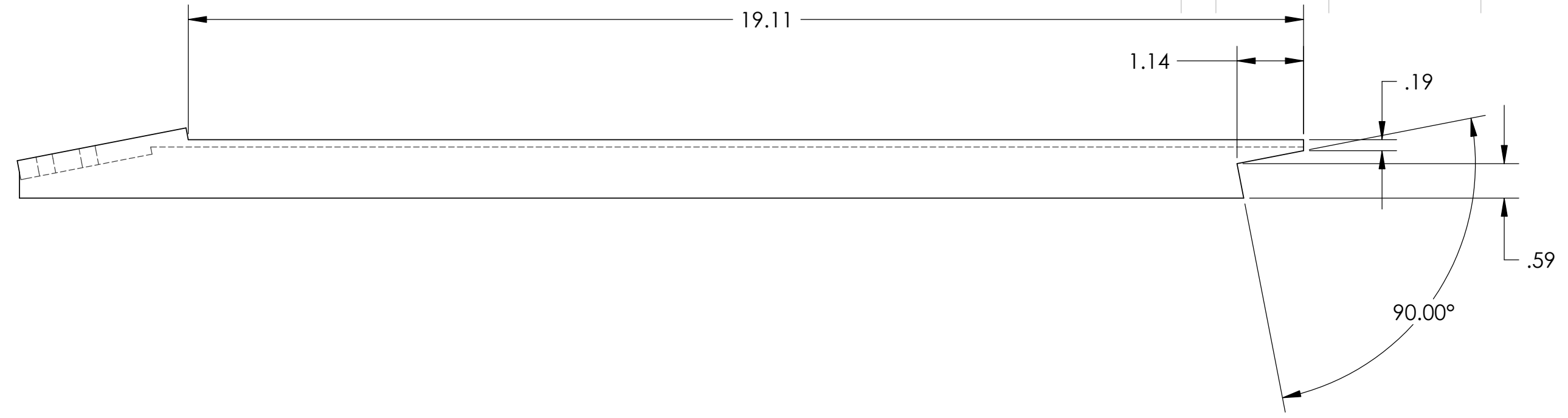
8 7 6 5 4 3 2 1



PARTS LIST			
<b>NOTES: (UNLESS OTHERWISE SPECIFIED)</b> 1. DO NOT SCALE FROM DRAWING. 2. REMOVE ALL SHARP EDGES, R.02 MIN. 3. ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE, SUCH AS CINCINNATI MILACRON'S CIMTECH 410 (STAINLESS STEEL) ④ SCRIBE, ENGRAVE OR STAMP DRAWING PART NUMBER, REVISION ON NOTED SURFACE OF PART AND THEN A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST PART AND PROCEED CONSECUTIVELY. USE .07" HIGH CHARACTERS. A VIBRATORY TOOL MAY BE USED. EXAMPLE: D020188-00 SN 001		DIMENSIONS ARE IN INCHES TOLERANCES: .XX ± 0.01 .XXX ± 0.005 ANGULAR ± 0.5°	
<b>MATERIAL</b> 6063-T52-AI		<b>FINISH</b> 32 μ inch	
<b>DRAWN</b> C Torrie		<b>DATE</b> 9th May 2005	
<b>CHECKED</b>		<b>APPROVED</b>	
<b>SYSTEM</b> ADVANCED LIGO		<b>PART NAME</b> LOWER STR ANGLED LONG FRONT STRAP	
<b>SUB-SYSTEM</b> SUS		<b>SIZE DWG. NO.</b> B D050044	
<b>NEXT ASSY</b> LOWER STR		<b>SCALE:</b> 1:4 <b>PROJECTION:</b> <b>SHEET 2 OF 4</b>	
<b>REV.</b> A		<b>REV.</b> A	

8 7 6 5 4 3 2 1

REV.	DATE	DCN #	DRAWING TREE #
A	MAR 23 2006	E060057-00	E060059-A



**NOTES: (UNLESS OTHERWISE SPECIFIED)**

- DO NOT SCALE FROM DRAWING.
- REMOVE ALL SHARP EDGES, R.02 MAX.
- ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE.
- SCRIBE, ENGRAVE OR MECHANICALLY STAMP DRAWING (NO INKS OR DYES) PART NUMBER, REVISION 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 .12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALL CHARACTERS. A VIBRATORY TOOL MAY BE USED, EXAMPLE: D050XXX-A S/N 001

DIMENSIONS ARE IN INCHES

TOLERANCES:  
 .XX ± 0.01  
 .XXX ± 0.005

ANGULAR ± 0.5 °

**MATERIAL**  
6063-T52-AI

**FINISH**  
32 µ inch

	NAME	DATE
DRAWN	C Torrie	9th May 2005
CHECKED		
APPROVED		

**PARTS LIST**

**LIGO** CALIFORNIA INSTITUTE OF TECHNOLOGY  
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY  
 IGR, GLASGOW UNIVERSITY GEO 600 GROUP

**SYSTEM** ADVANCED LIGO

**SUB-SYSTEM** SUS

**NEXT ASSY** LOWER STR

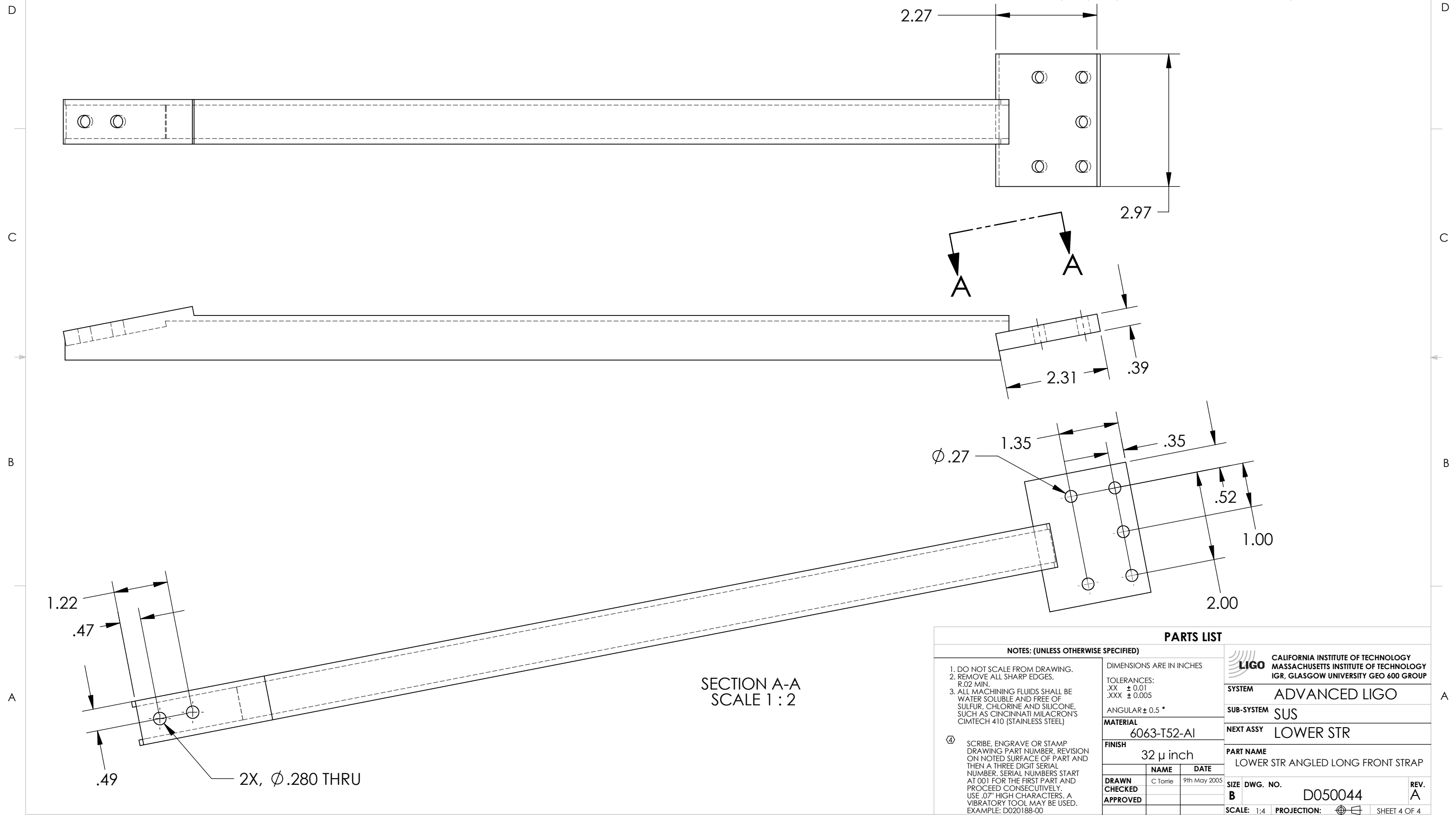
**PART NAME**  
LOWER STR ANGLED LONG FRONT STRAP

**SIZE** DWG. NO. D050044

**REV.** A

SCALE: 1:8 PROJECTION: SHEET 3 OF 4

REV.	DATE	DCN #	DRAWING TREE #
A	MAR 23 2006	E060057-00	E060059-A



SECTION A-A  
SCALE 1 : 2

**NOTES: (UNLESS OTHERWISE SPECIFIED)**

- DO NOT SCALE FROM DRAWING.
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④ SCRIBE, ENGRAVE OR STAMP DRAWING PART NUMBER, REVISION ON NOTED SURFACE OF PART AND THEN A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST PART AND PROCEED CONSECUTIVELY. USE .07" HIGH CHARACTERS. A VIBRATORY TOOL MAY BE USED. EXAMPLE: D020188-00 SN 001

DIMENSIONS ARE IN INCHES  
TOLERANCES:  
.XX ± 0.01  
.XXX ± 0.005  
ANGULAR ± 0.5 °

**MATERIAL**  
6063-T52-AI

**FINISH**  
32 μ inch

	NAME	DATE
<b>DRAWN</b>	C Torrie	9th May 2005
<b>CHECKED</b>		
<b>APPROVED</b>		

**PARTS LIST**

<b>SYSTEM</b>	ADVANCED LIGO
<b>SUB-SYSTEM</b>	SUS
<b>NEXT ASSY</b>	LOWER STR
<b>PART NAME</b>	LOWER STR ANGLED LONG FRONT STRAP
<b>SIZE</b>	DWG. NO. D050044
<b>REV.</b>	A

SCALE: 1:4 PROJECTION: SHEET 4 OF 4