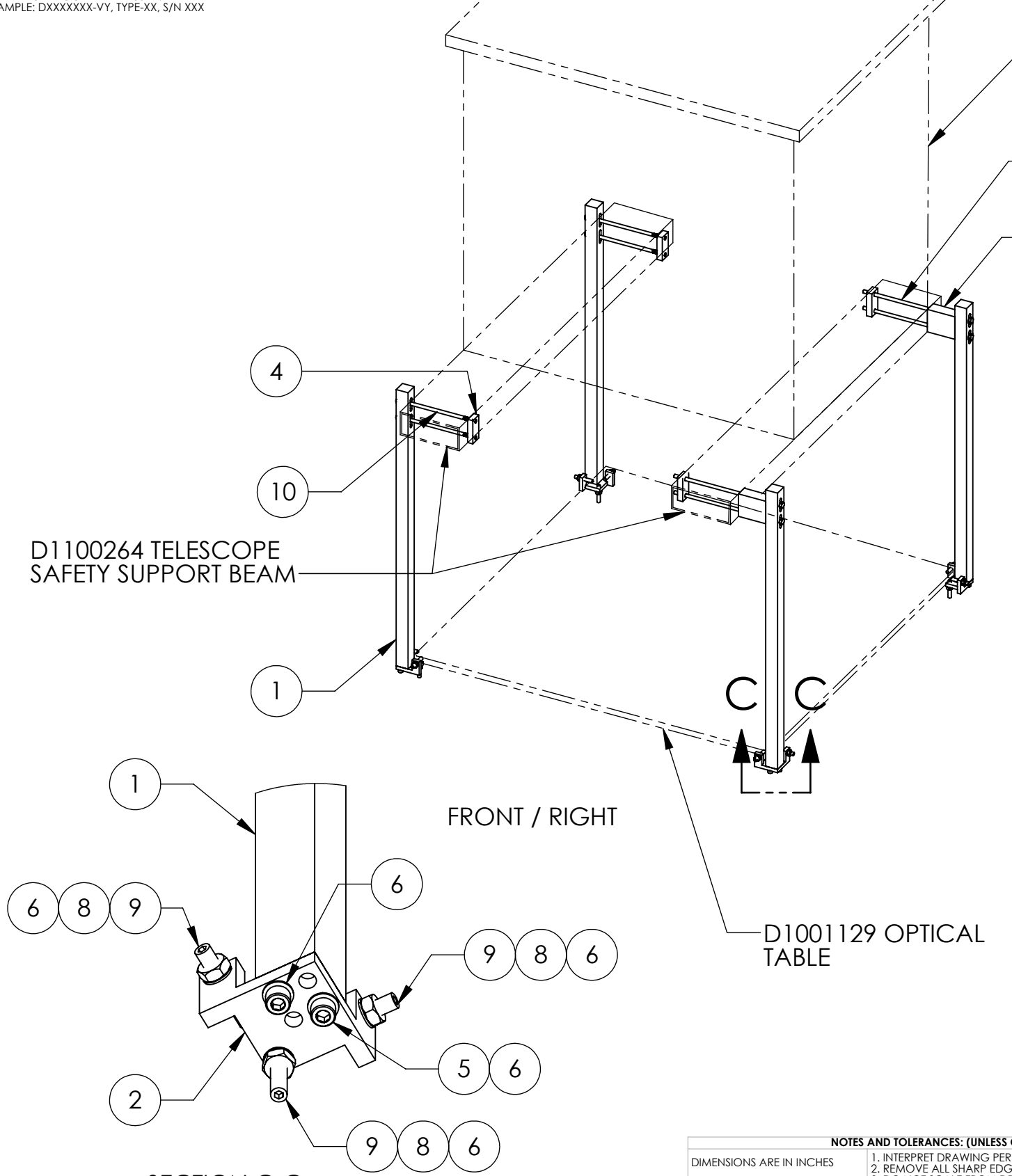


NOTES CONTINUED:
 ⑤ SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR "TYPE" IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY.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

REV.	DATE	DCN #	DRAWING TREE #
v1	6/17/2011	E1100352	-
v2	07-18-12	TO FOLLOW	-
-	-	-	-



10	92198A567	HEX HEAD CAP SCREW, .25-20 X 6.50 LG, ASME B18.2.1	4		
9	92778A999	McMASTER-CARR .25-28 X 1.50 LG. S.H.S.S., OVAL POINT	12	0	12
8	N-2528-A	U-C COMP. NUT, HEX .25-28- SILVER PLATED, 18-8 SSTL	12	4	16
7	92198A575	(McM-Carr).25-20 X 9.0 LG. HEX HEAD CAP SCREW	4	0	4
6	WFB-25	U-C COMP. FLAT WASHER, VENTED .255 ID, .46 OD, .03 THK	28	10	46
5	92196A539	SOCKET HEAD CAP SCREW, 1/4-20 X .625 LG, SSTL	8	4	12
4	D1100403-02	TMS TOOLING TELESCOPE ALIGNMENT SUPPORT NUTPLATE	4	0	4
3	D1100402	TMS TOOLING TELESCOPE ALIGNMENT SUPPORT SPACER	2	0	2
2	D1100414	TMS TOOLING TELESCOPE ALIGNMENT SUPPORT BRACKET	4	0	4
1	D1100400	TMS TOOLING TELESCOPE ALIGNMENT SUPPORT BAR	4	0	4
ITEM NO.	PART NUMBER	DESCRIPTION	QTY.	SPARE	TOTAL

SECTION C-C
SCALE 1:2

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)
 1. INTERPRET DRAWING PER ASME Y14.5-1994.
 2. REMOVE ALL SHARP EDGES, .005" - .015"
 3. DO NOT SCALE FROM DRAWING.
 4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.
 DIMENSIONS ARE IN INCHES
 TOLERANCES:
 .XX ± .01
 .XXX ± .005
 ANGULAR ± 1.0°

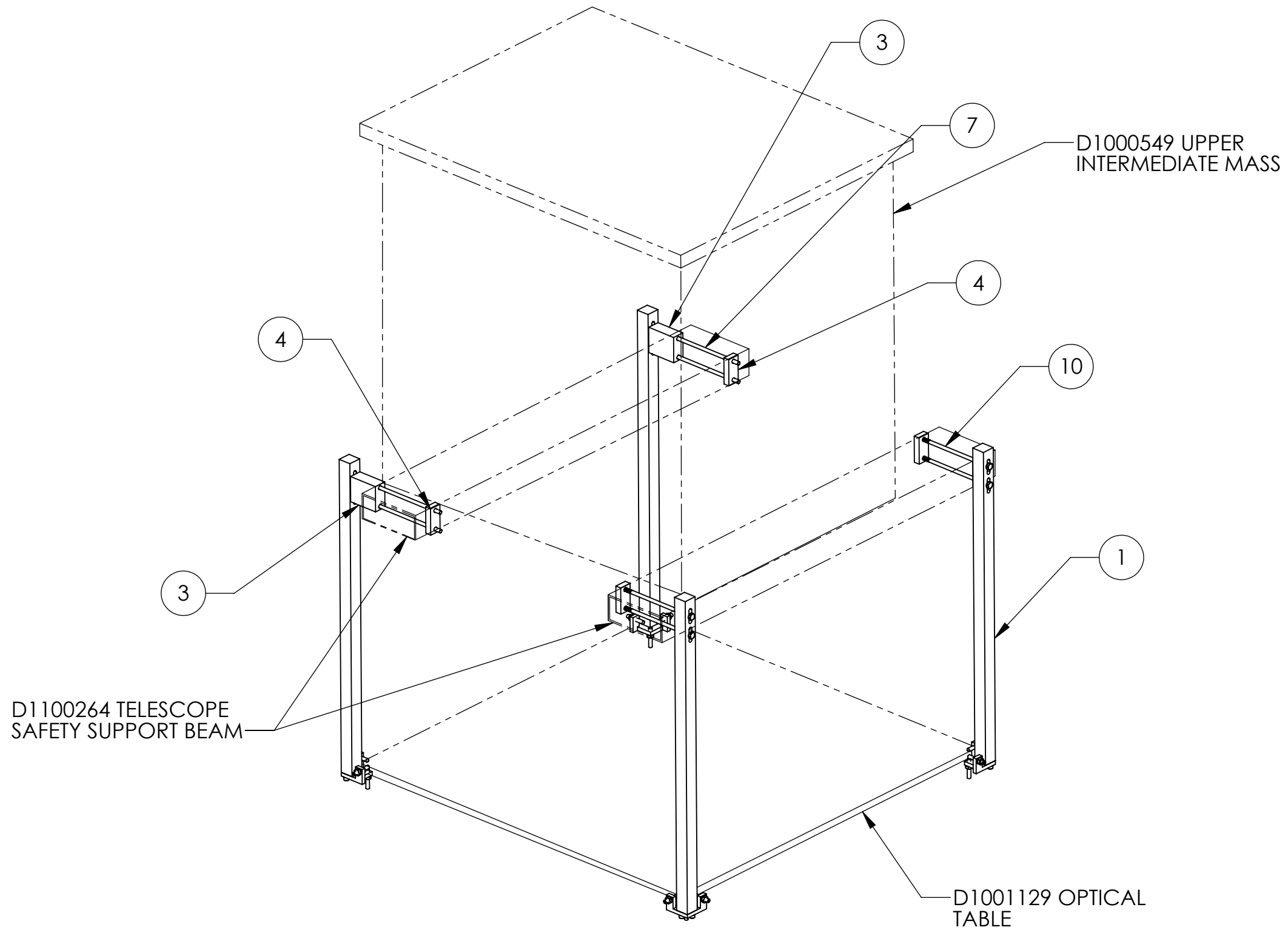
LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY
 PART NAME **ALIGO TMS TELESCOPE ASSEMBLY ALIGNMENT STABILAZATION TOOL**
 DESIGNER K. MAILAND 3/20/2011
 DRAFTER M. MILLER 5/24/2011
 CHECKER
 APPROVAL
 SYSTEM **ADVANCED LIGO** SUB-SYSTEM **AOS**
 NEXT ASSY **TOOLING**
 SIZE DWG. NO. **B**
D1100613
 REV. **v2**
 SCALE: 1:8 PROJECTION: SHEET 1 OF 2

D1100613 TMS TELESCOPE ASSEMBLY ALIGNMENT SUPPORT TOOL, PART PDM REV: X-013, DRAWING PDM REV: X-014

D1100613 TMS TELESCOPE ASSEMBLY ALIGNMENT SUPPORT TOOL, PART PDM REV: X-013, DRAWING PDM REV: X-014

8 7 6 5 4 3 2 1

D
C
B
A




D1100264 TELESCOPE
SAFETY SUPPORT BEAM

D1000549 UPPER
INTERMEDIATE MASS

D1001129 OPTICAL
TABLE

BACK / LEFT

 CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	
SIZE DWG. NO.	REV.
B D1100613	v2
SCALE: 1:8	PROJECTION:  SHEET 2 OF 2

8 7 6 5 4 3 2 1

D
C
B
A