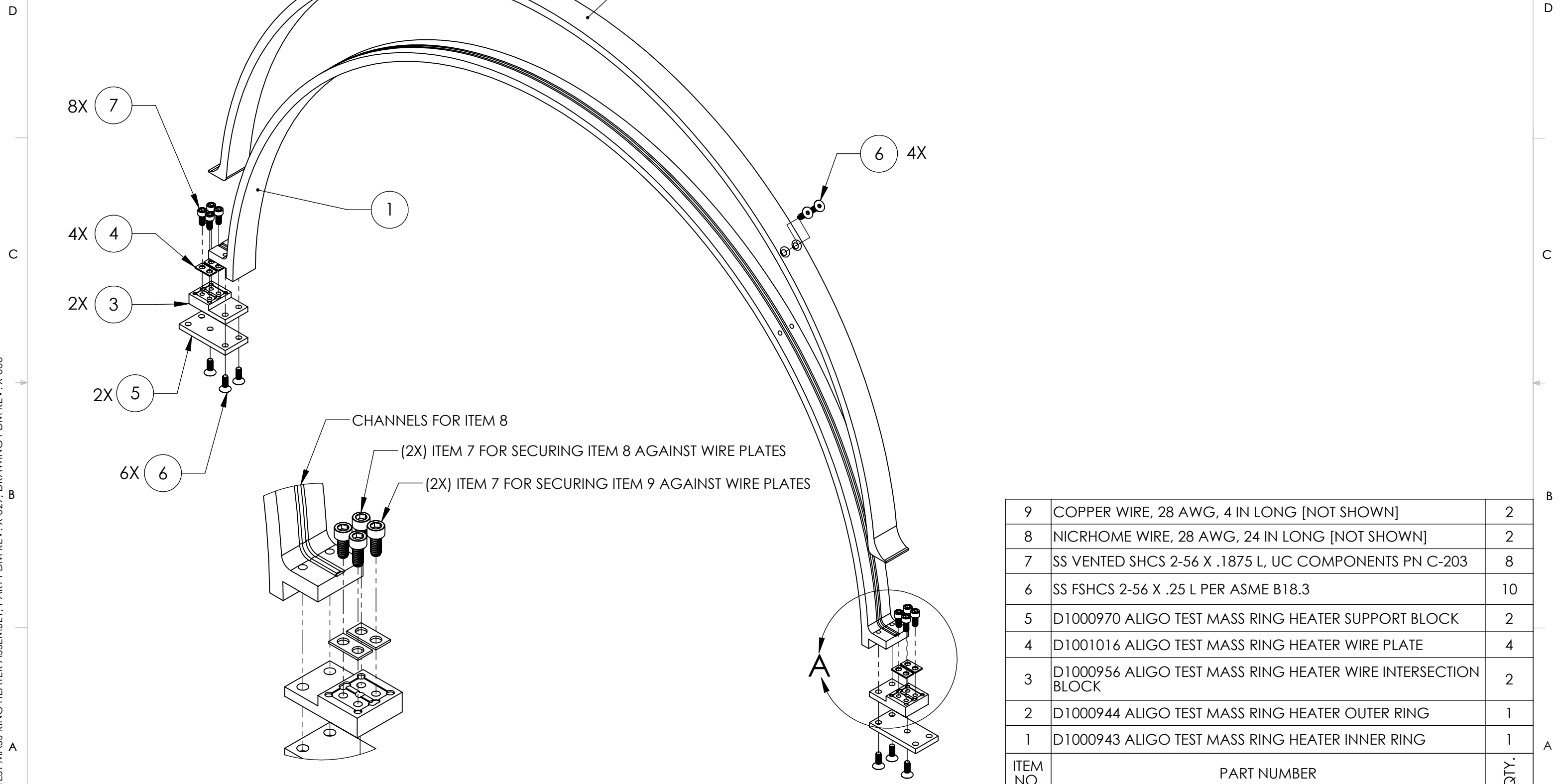


D1000945 ALIGO TEST MASS RING HEATER ASSEMBLY, PART PDM REV: X-029, DRAWING PDM REV: X-006

**NOTES CONTINUED:**  
 ⑤ 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

REV.	DATE	DCN #	DRAWING TREE #
v1	19 MAY 2010	E1000168-v1	-
v2	11 JUN 2010	-	-
-	-	-	-



**DETAIL A**  
SCALE 2 : 1.5

ITEM NO.	PART NUMBER	QTY.
9	COPPER WIRE, 28 AWG, 4 IN LONG [NOT SHOWN]	2
8	NICRHOME WIRE, 28 AWG, 24 IN LONG [NOT SHOWN]	2
7	SS VENTED SHCS 2-56 X .1875 L, UC COMPONENTS PN C-203	8
6	SS FSHCS 2-56 X .25 L PER ASME B18.3	10
5	D1000970 ALIGO TEST MASS RING HEATER SUPPORT BLOCK	2
4	D1001016 ALIGO TEST MASS RING HEATER WIRE PLATE	4
3	D1000956 ALIGO TEST MASS RING HEATER WIRE INTERSECTION BLOCK	2
2	D1000944 ALIGO TEST MASS RING HEATER OUTER RING	1
1	D1000943 ALIGO TEST MASS RING HEATER INNER RING	1

**NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)**

- INTERPRET DRAWING PER ASME Y14.5-1994.
- REMOVE ALL SHARP EDGES, R.02 MIN.
- DO NOT SCALE FROM DRAWING.
- ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE, SUCH AS CINCINNATI MILACRON'S CIMTECH 410.

DIMENSIONS ARE IN INCHES  
 TOLERANCES:  
 .XX ± N/A  
 .XXX ± N/A  
 ANGULAR ± N/A\*

MATERIAL	N/A	FINISH	N/A μinch
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UNIVERSITY OF FLORIDA CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY	PART NAME		TEST MASS RING HEATER ASSEMBLY		
	SYSTEM ADVANCED LIGO	SUB-SYSTEM 100	DESIGNER P. SAINATHAN 11 MAY 2010	SIZE DWG. NO. B D1000945	REV. v2
CHECKER M. JACOBSON 11 MAY 2010	APPROVAL M. ARAIN 11 MAY 2010	NEXT ASSY D 1000978	SCALE: 2:3	PROJECTION:	SHEET 1 OF 1