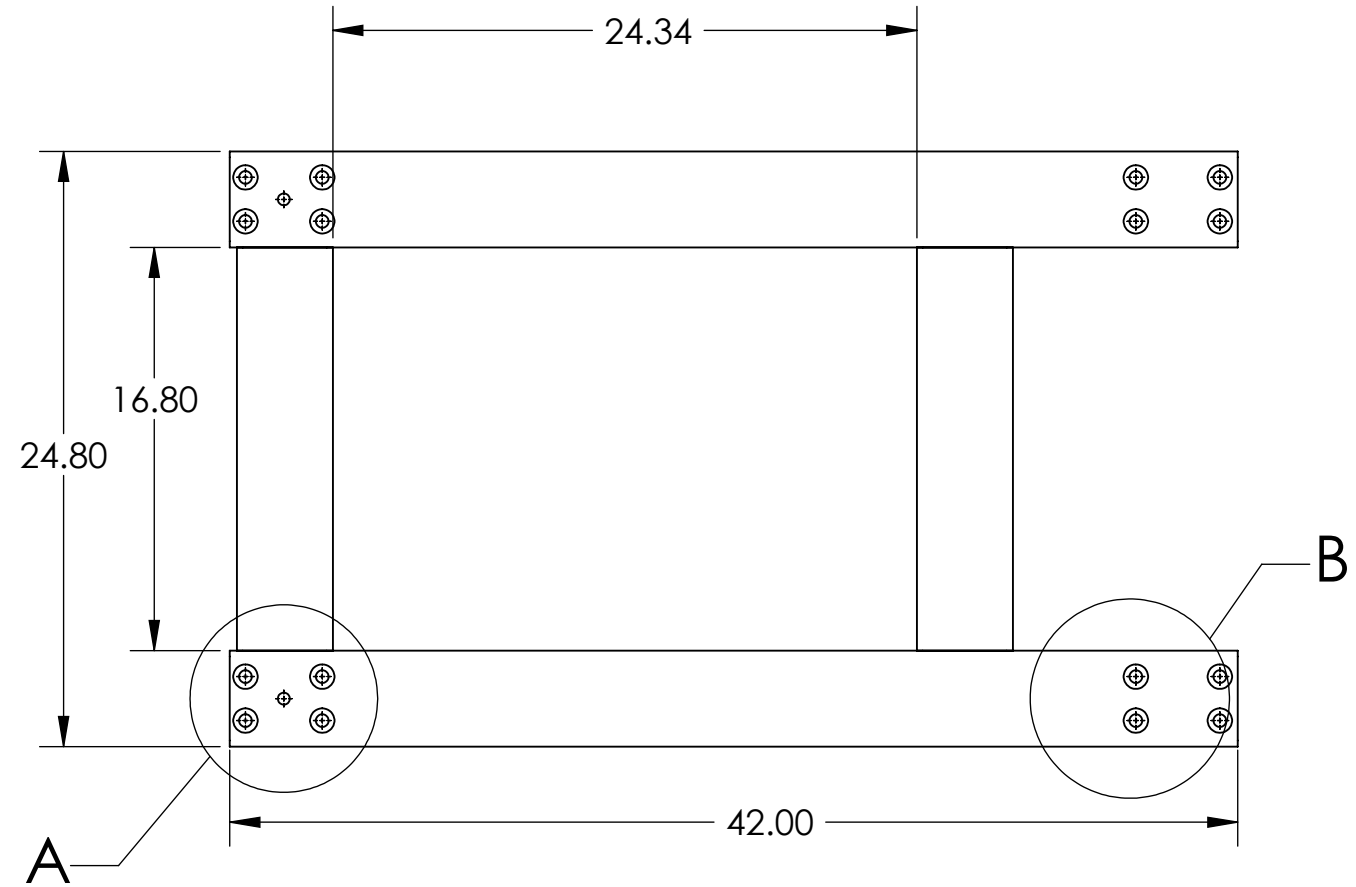
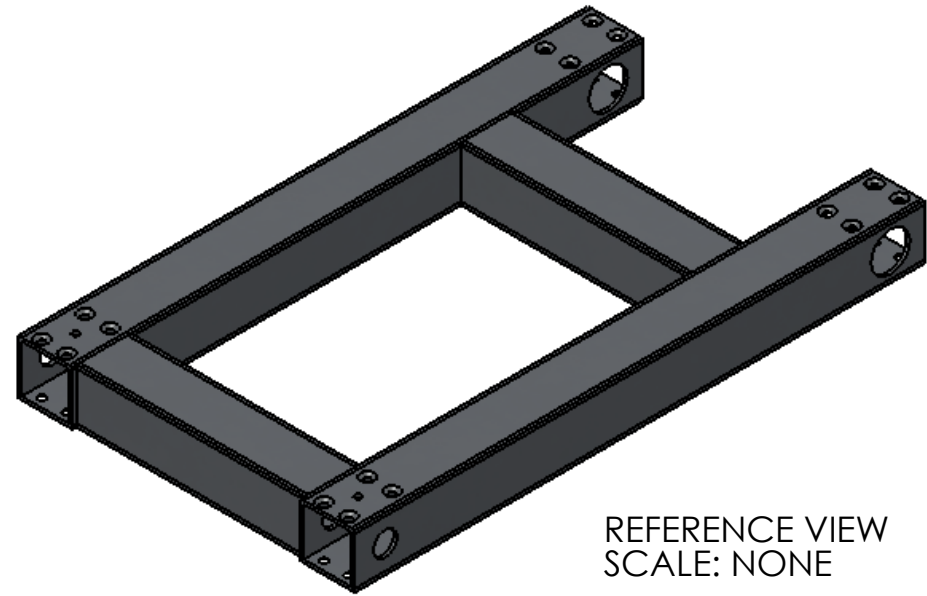
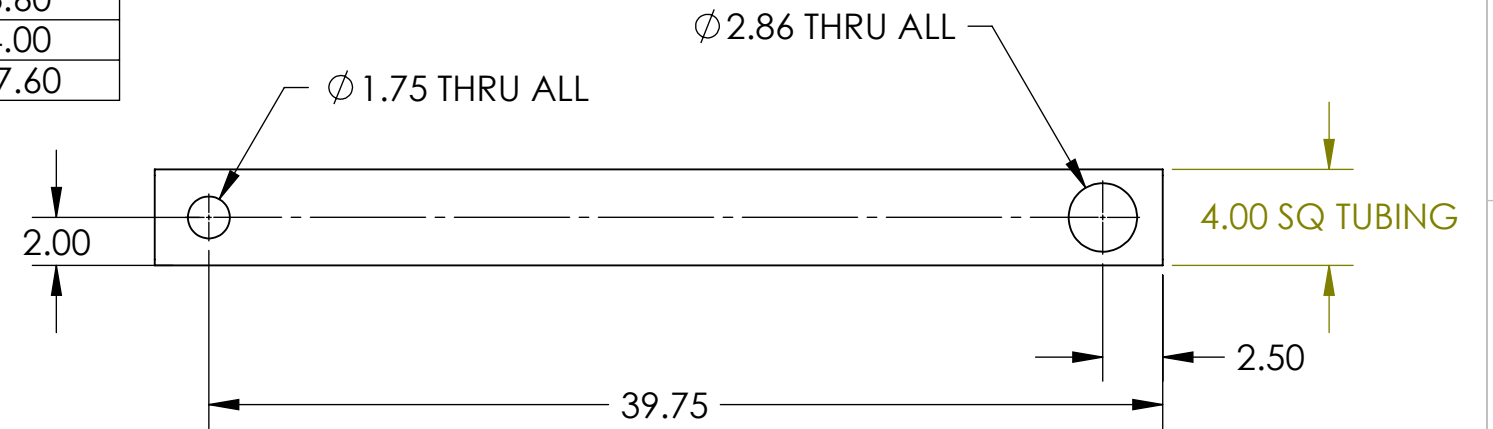


REV.	DATE	DCN #	DRAWING TREE #
-	-	-	-
-	-	-	-
-	-	-	-

# PRELIMINARY



ITEM NO.	DESCRIPTION	MAT'L	QTY.	LENGTH	L + QTY
1	TUBE, SQUARE 4.00 X 4.00 X .25	6061 AL ALLOY	2	16.8	33.60
2	TUBE, SQUARE 4.00 X 4.00 X .25	6061 AL ALLOY	2	42	84.00
TOTAL					117.60



**NOTES CONTINUED:**  
 Ⓢ 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

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO		CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN				SYSTEM		SUB-SYSTEM		aLIGO, WELDMENT, HAM ARM, PRIMARY	
TOLERANCES: .XX ± .XXX ±				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.		DESIGNER S. SHANKLE 11 JUN 2010		SIZE DWG. NO.	
ANGULAR ± °				MATERIAL 6061 Alloy		DRAFTER J. DAVIS 14 JUN 2010		B D1001522	
				FINISH - μinch		CHECKER		REV.	
				NEXT ASSY D1001524		APPROVAL		SCALE: 1:8 PROJECTION: SHEET 1 OF 2	

D1001522 - aLIGO, WELDMENT, HAM ARM, PRIMARY - RAW MAT'L LIST, PART PDM REV: X-004, DRAWING PDM REV: X-003