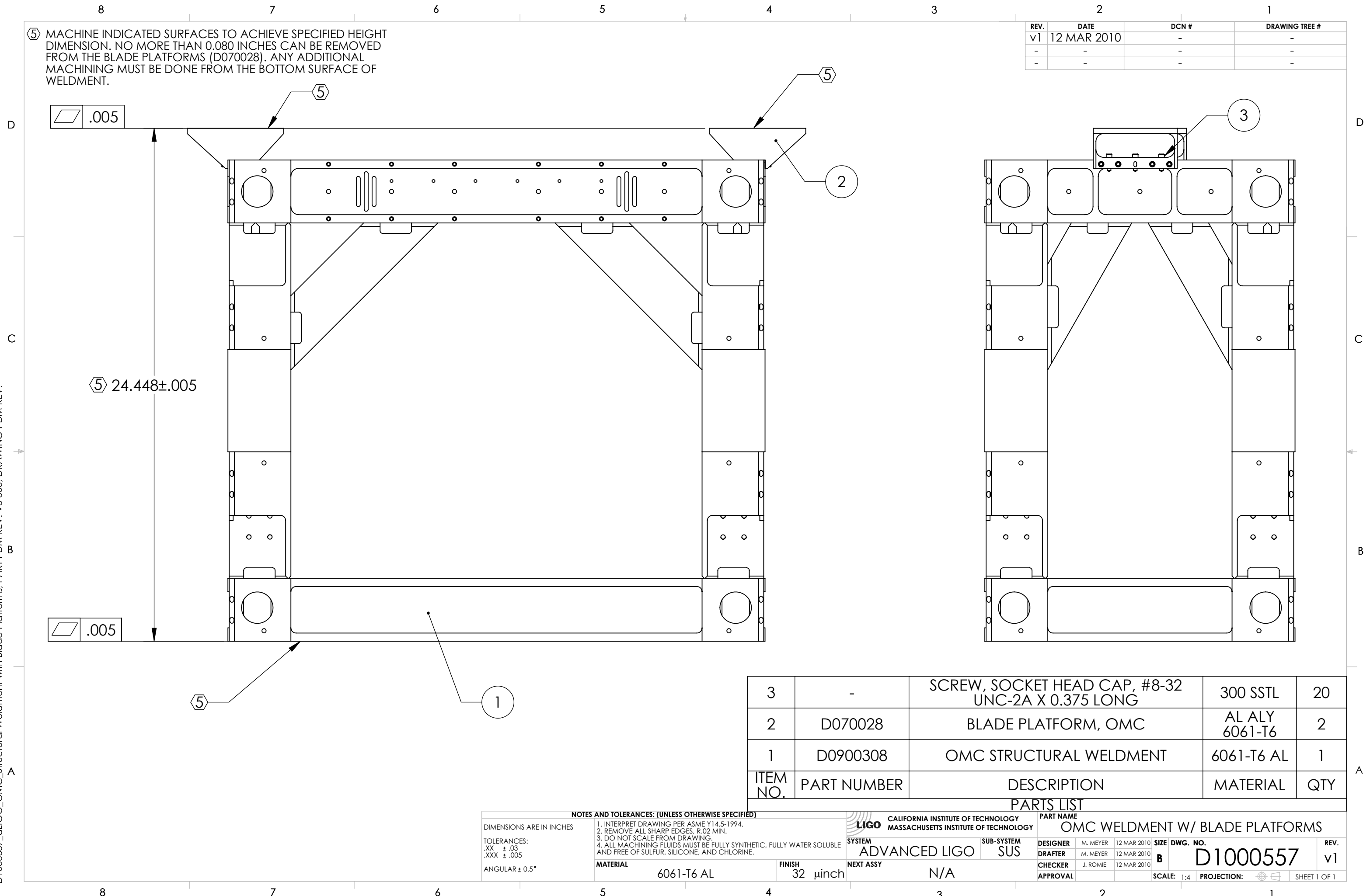


D1000557_dLIGO_OMC_Structural Weldment with Blade Platforms, PART PDM REV: V3-000, DRAWING PDM REV:

REV.	DATE	DCN #	DRAWING TREE #
v1	12 MAR 2010	-	-
-	-	-	-
-	-	-	-

⑤ MACHINE INDICATED SURFACES TO ACHIEVE SPECIFIED HEIGHT DIMENSION. NO MORE THAN 0.080 INCHES CAN BE REMOVED FROM THE BLADE PLATFORMS (D070028). ANY ADDITIONAL MACHINING MUST BE DONE FROM THE BOTTOM SURFACE OF WELDMENT.



ITEM NO.	PART NUMBER	DESCRIPTION	MATERIAL	QTY
3	-	SCREW, SOCKET HEAD CAP, #8-32 UNC-2A X 0.375 LONG	300 SSTL	20
2	D070028	BLADE PLATFORM, OMC	AL ALY 6061-T6	2
1	D0900308	OMC STRUCTURAL WELDMENT	6061-T6 AL	1

PARTS LIST			
DESIGNER	DRAFTER	CHECKER	APPROVAL
M. MEYER	M. MEYER	J. ROMIE	
DATE	DATE	DATE	
12 MAR 2010	12 MAR 2010	12 MAR 2010	
SIZE DWG. NO.		REV.	
B D1000557		v1	
SCALE: 1:4		PROJECTION:	
		SHEET 1 OF 1	

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN INCHES	
TOLERANCES: .XX ± .03 .XXX ± .005	
ANGULAR ± 0.5°	
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	32 μinch
NEXT ASSY	N/A

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM: **ADVANCED LIGO** SUB-SYSTEM: **SUS**

PART NAME: **OMC WELDMENT W/ BLADE PLATFORMS**