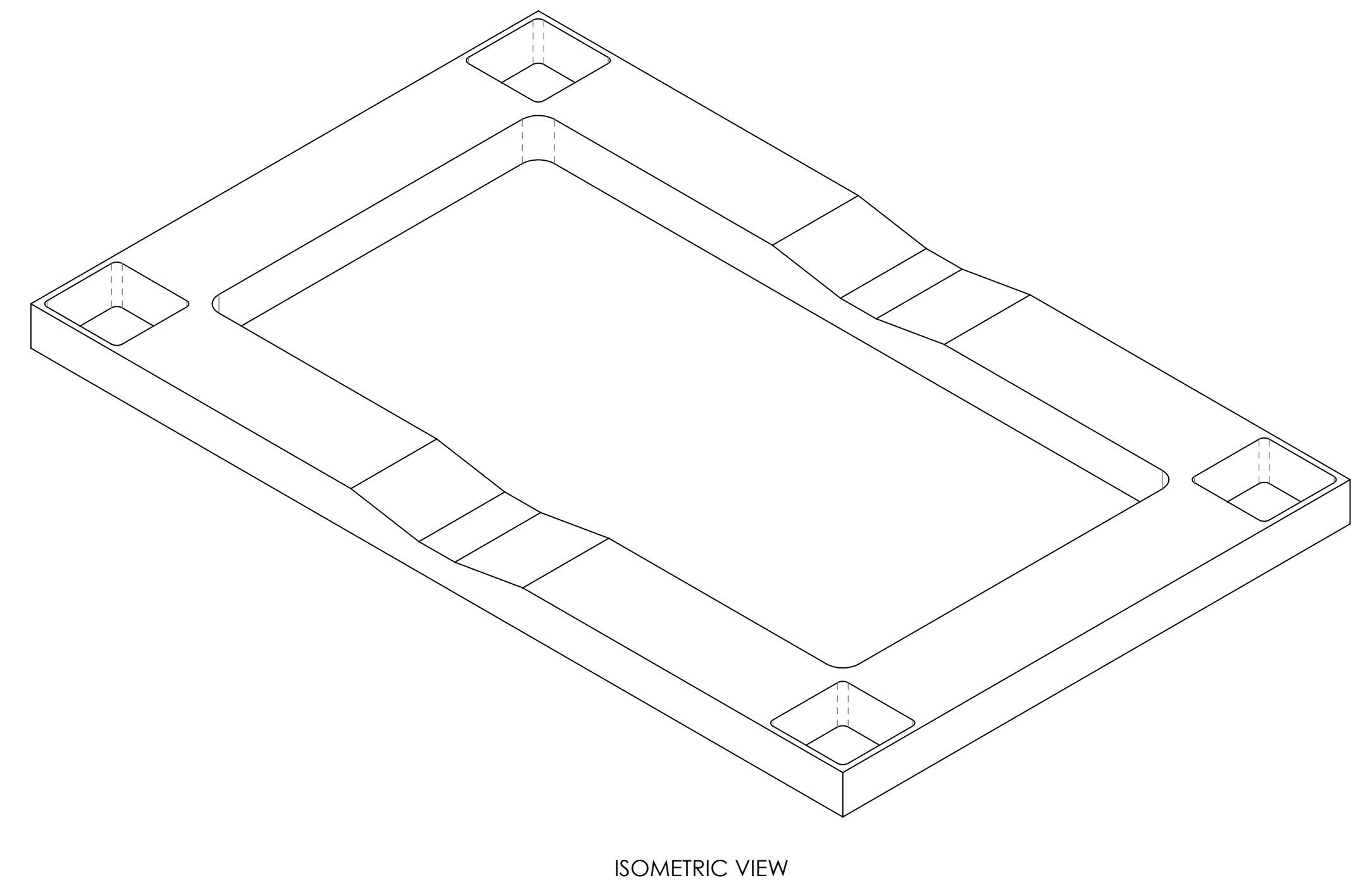
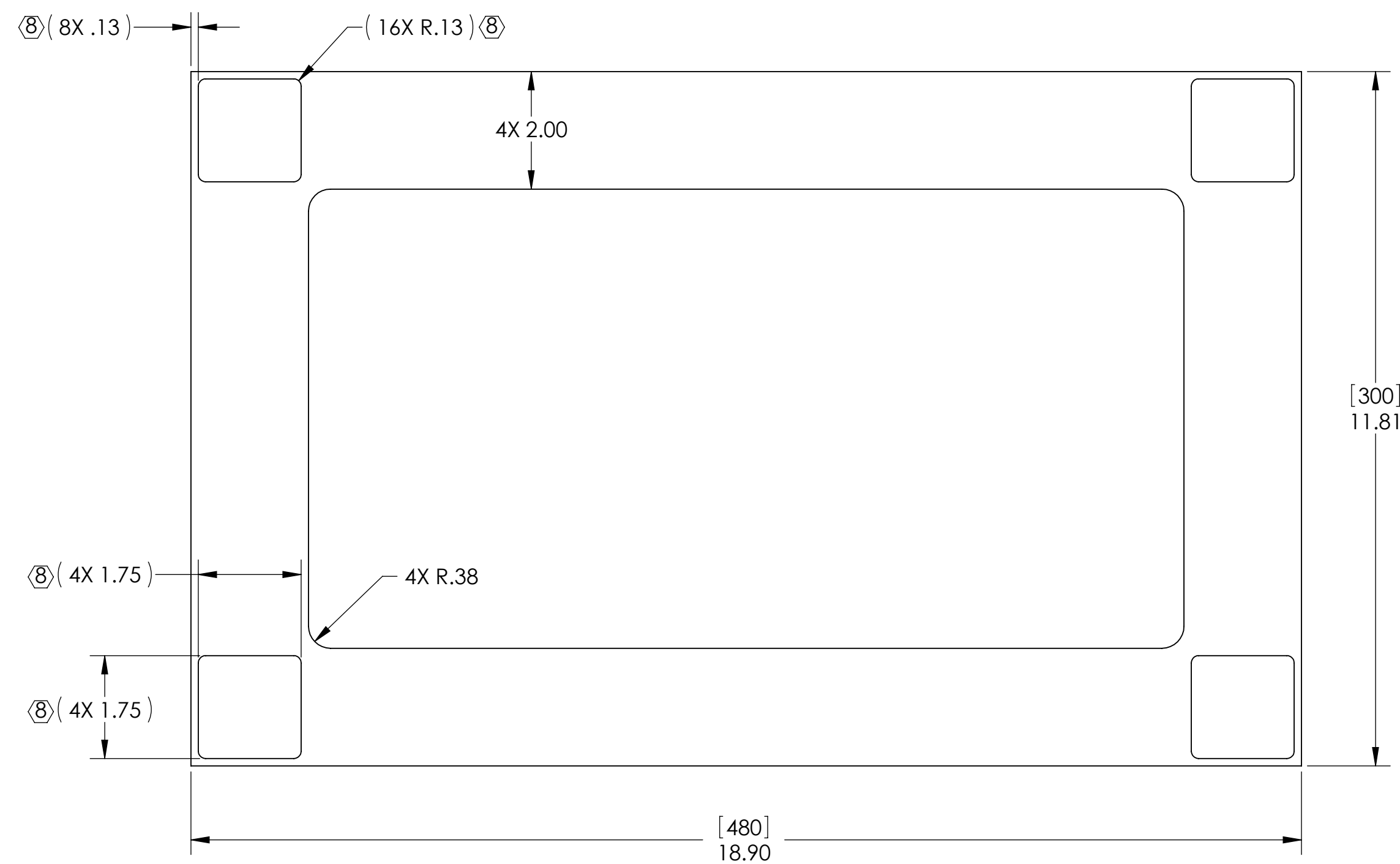
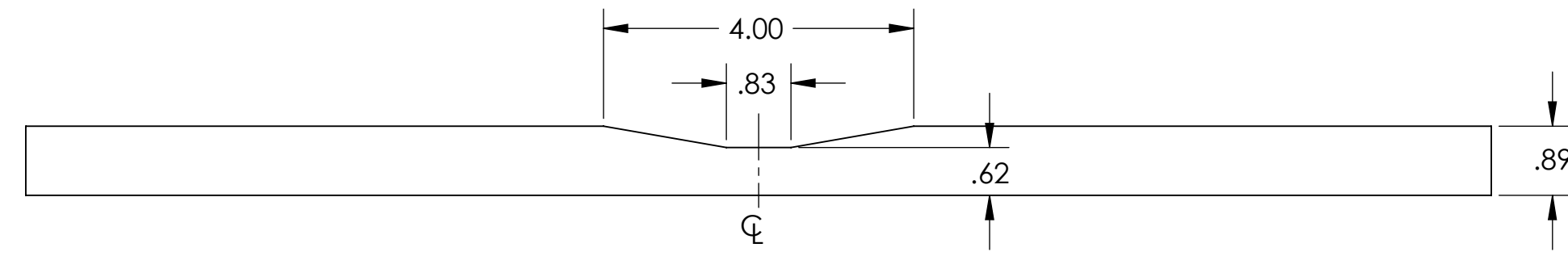


NOTES CONTINUED:
 5. THIS PRICE IS ONE PART OF A WELDMENT. DIMENSIONS SHOWN ARE APPROXIMATE. WELD INDUCED SHRINKAGE OR TELL AND POST WELD ANNEALING AND MACHINING CONSIDERATIONS ARE NOT INCLUDED. SEE E070442 (STRUCTURAL WELDMENT HLTS) FOR REQUIRED DIMENSIONS AFTER WELDING.
 6. MACHINE ALL SURFACES TO REMOVE OXIDES AND MILL FINISH. USE OF ABRASIVE REMOVAL TECHNIQUES IS NOT PERMITTED.
 7. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH AGC SPECIFICATION E090064.
 8. MACHINE CUTOFF TO MATCH INNER PROFILE OF LEG TUBE. DIMENSIONS PROVIDED ARE FOR REFERENCE ONLY.

REV.	DATE	DCN #	DRAWING TREE #
v1	03 MAR 2009	E080446	E080191
v2	29 AUG 2010	E1000371	E080191
v3	11 JUN 2011	E1100527	E080191



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)	
DIMENSIONS ARE IN INCHES [MM]	
TOLERANCES: .XX ± .01 .XXX ± .005	
ANGULAR ± 0.5°	
MATERIAL	FINISH
304 OR 304L SSTL	63 μinch

LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY
 MASSACHUSETTS INSTITUTE OF TECHNOLOGY

SYSTEM: ADVANCED LIGO SUB-SYSTEM: SUS

NEXT ASSY: STRUCTURAL WELDMENT, HLTS

PART NAME				BASE PLATE		REV.	
DESIGNER	D. BRIDGES	29 AUG 2010	SIZE	DWG. NO.	REV.		
DRAFTER	D. BRIDGES	02 JUN 2011	D	D070575	v3		
CHECKER	B. MOORE	13 JUN 2011					
APPROVAL			SCALE: 1:2	PROJECTION:	SHEET 1 OF 1		

D070575-AdvancedLIGO_SUS_HLTS_Structure_Base_Plate_PART.PDM.REV.V2.DRAWING.PDM.REV.V2.001