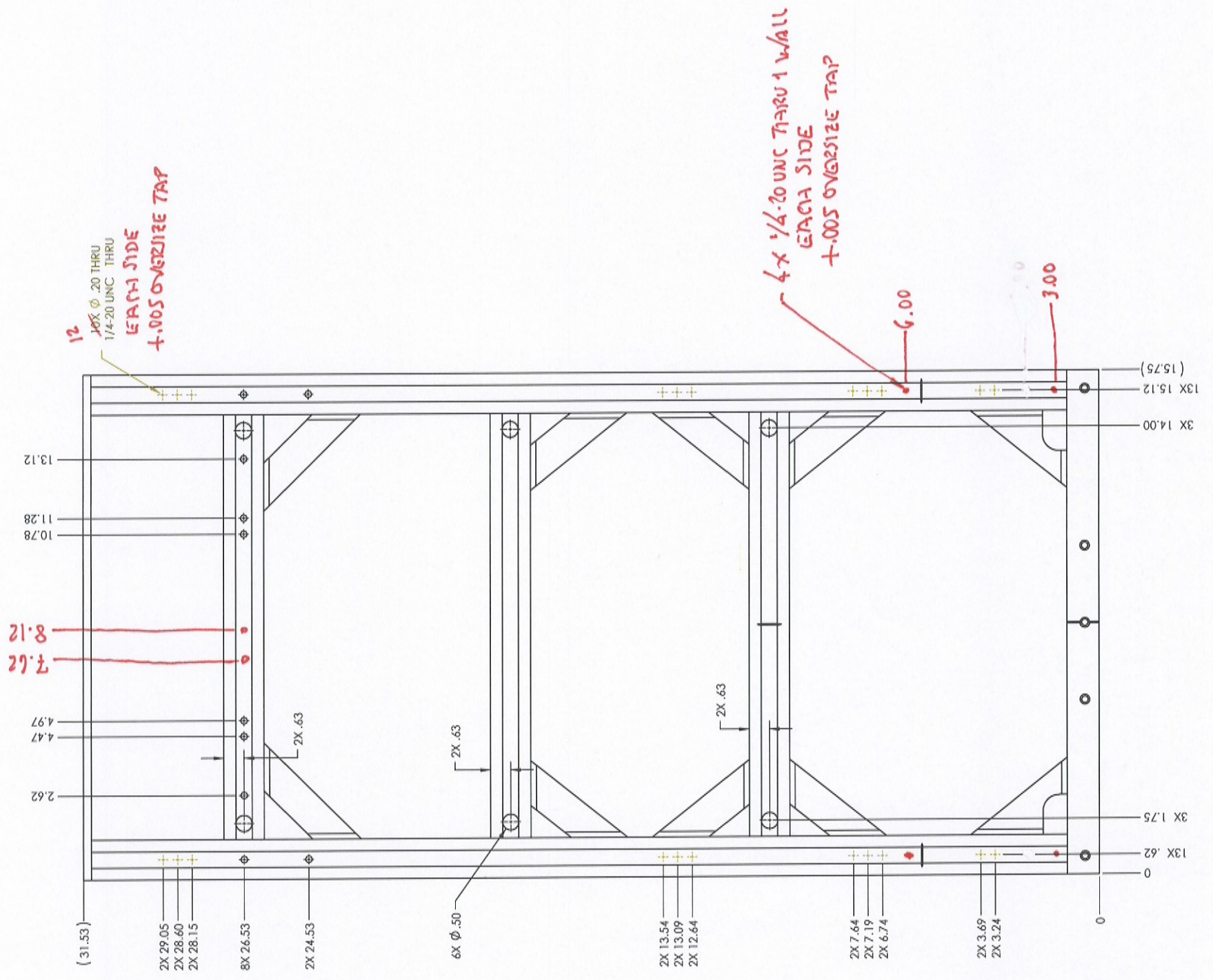
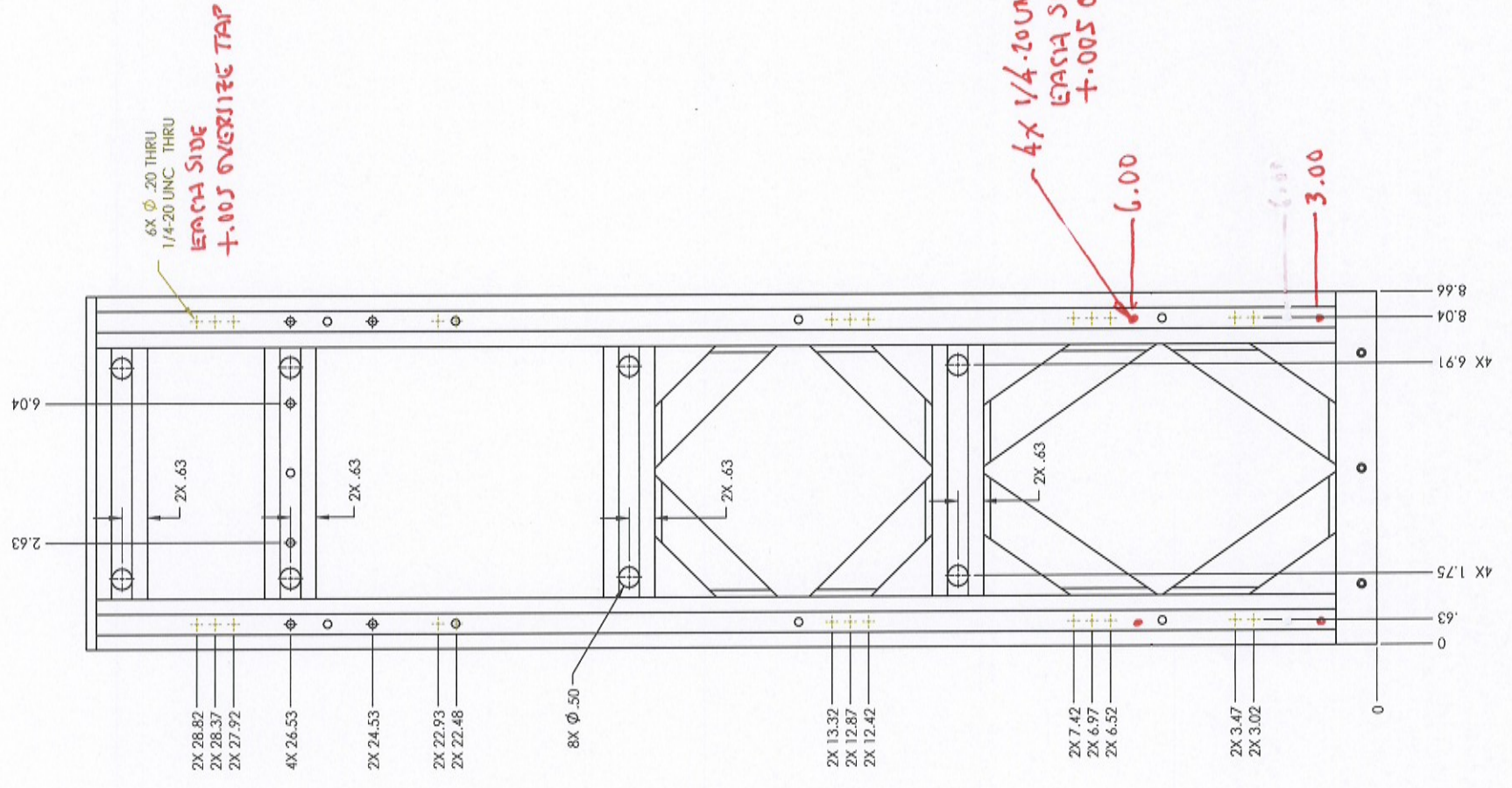


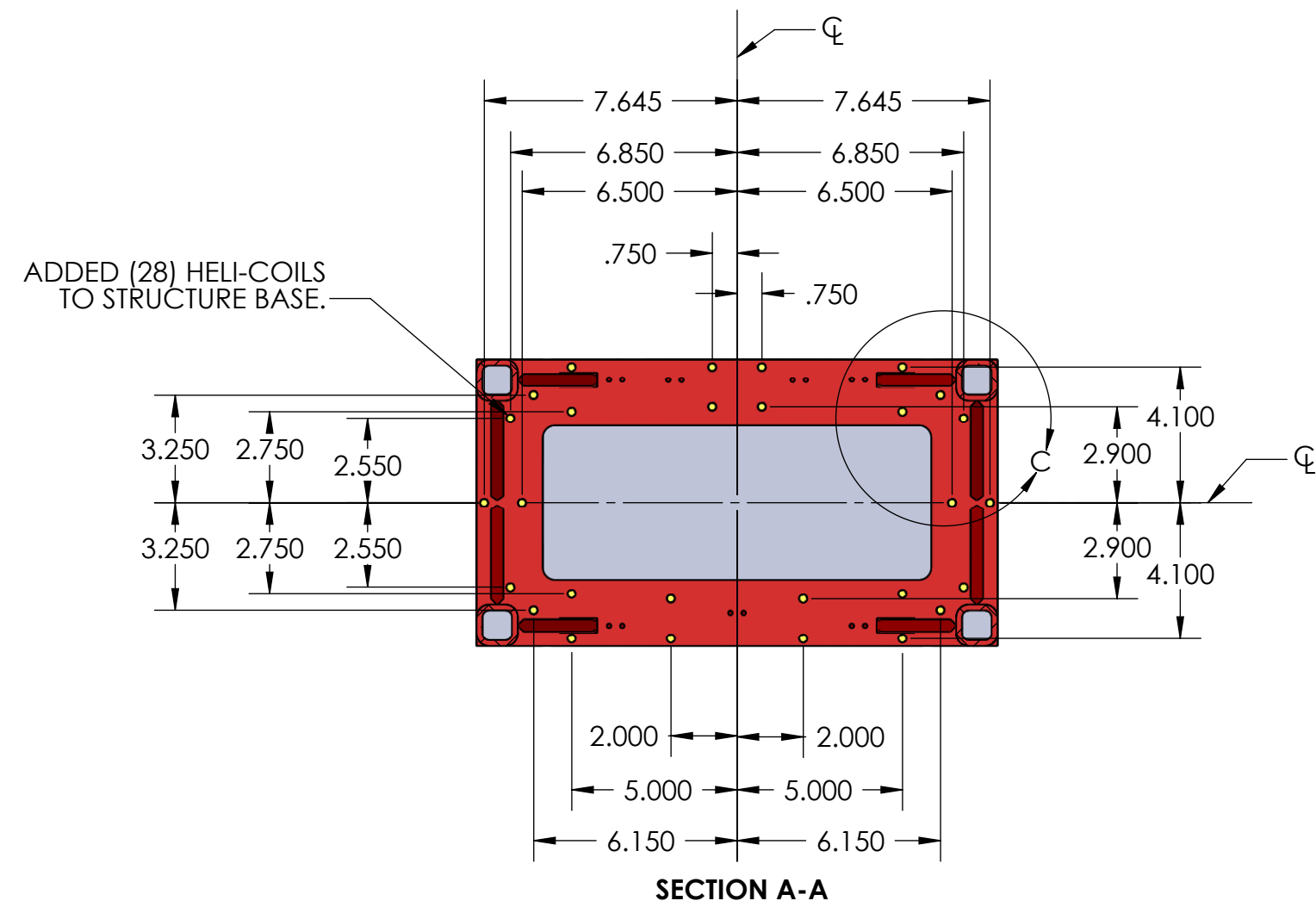
SHEET 1 SHOWS ADDED HOLES  
REQUIRED FOR DAMPING STRUTS &  
CORNER DAMPING PADS



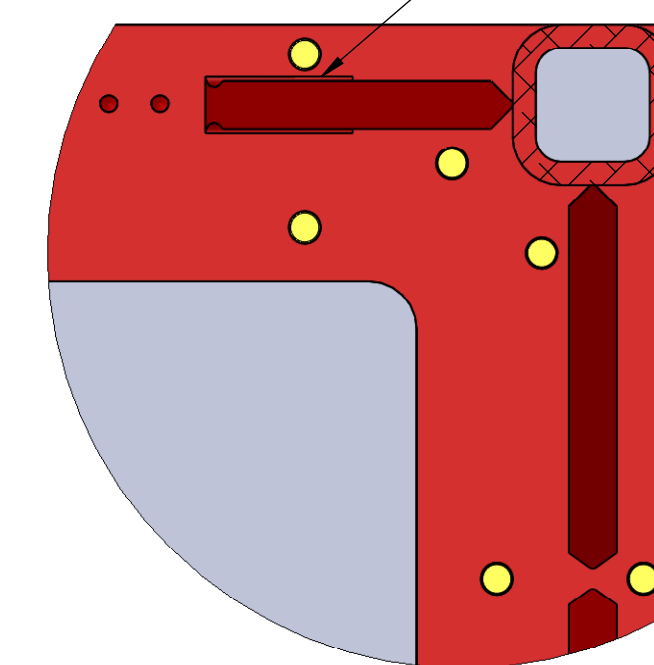
NOTES CONTINUED:  
 (5) SCRIBE, ENGRAVE, OR MECHANICALLY STAMP (NO INKS OR DYES) DRAWING PART NUMBER AND REVISION ON NOTED SURFACE FOLLOWED ON THE NEXT LINE BY A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT 001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE 07" HIGH CHARACTERS. EXAMPLE: DXXXXXX-VY, S/N 001. A VIBRATORY TOOL MAY BE USED.

USING G100034 WE PREPARED A SPACER CONCEPT AND EXCHANGED AN IDEA WITH MIKE MEYER PAGE 3 OF THIS RED-LINE INDICATES FEEDBACK AND HOLE POSISITONS AGREED BASE DON THIS SKETCH.

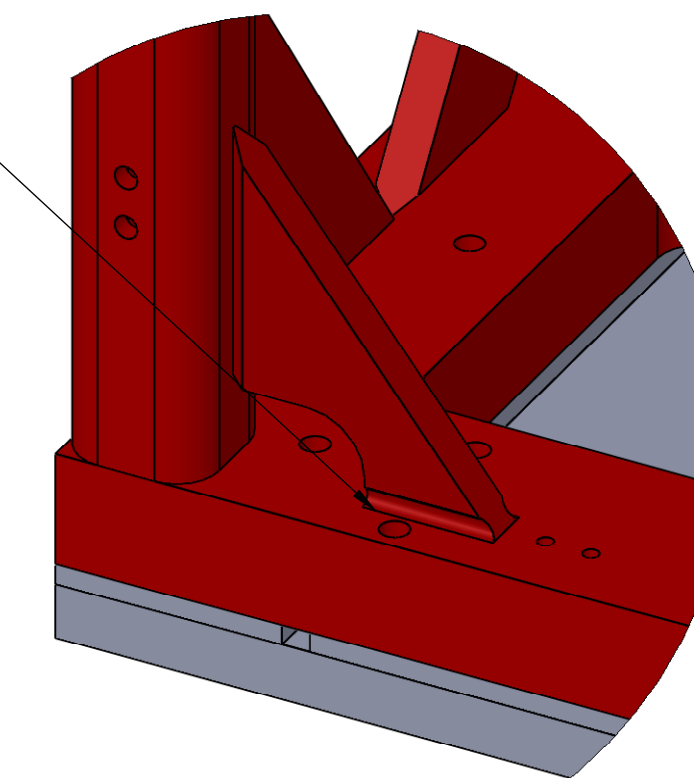
REV.	DATE	DCN #	DRAWING TREE #



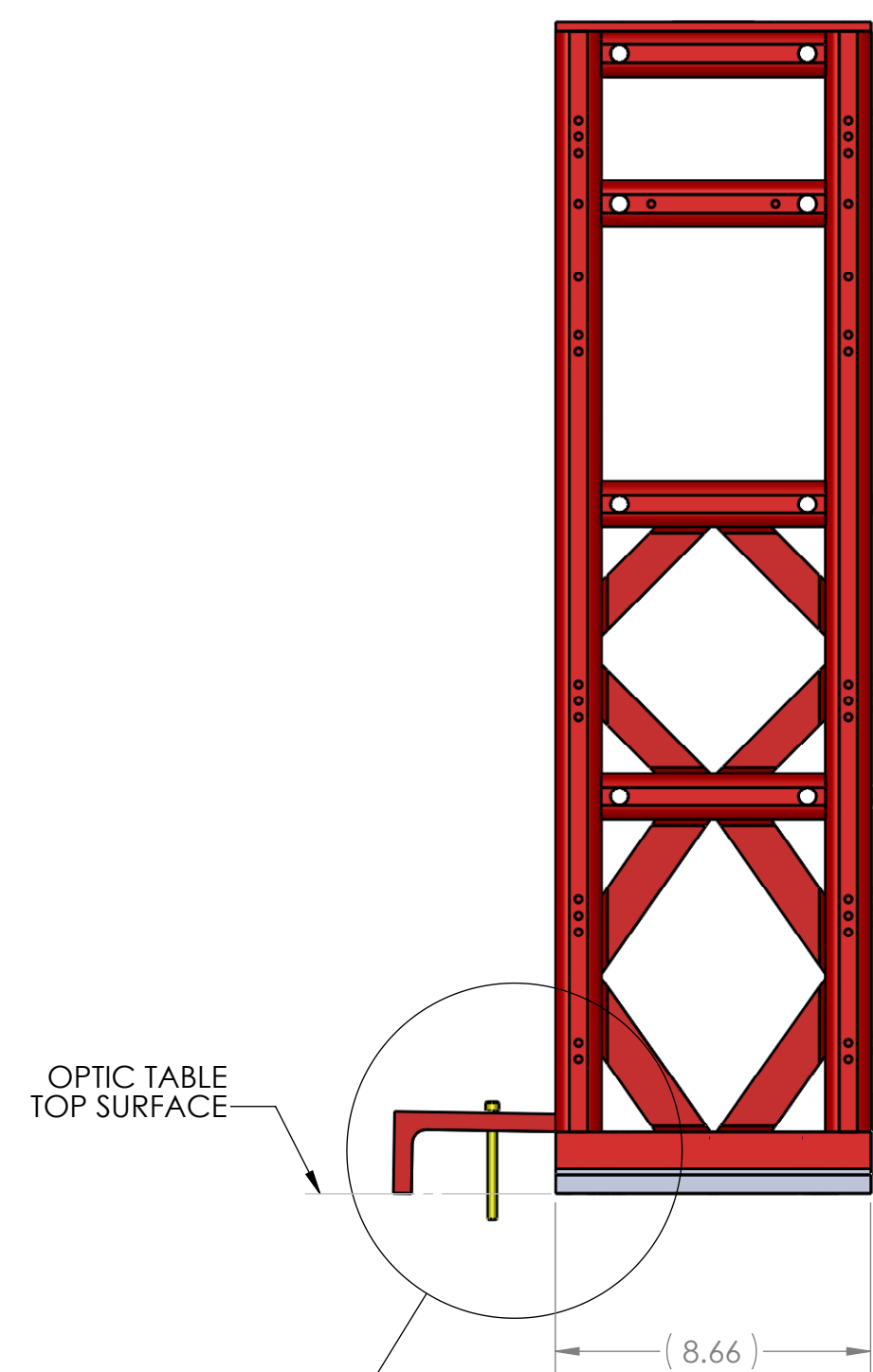
NOTE:  
 THRU HOLES ARE IN VERY CLOSE PROXIMITY TO WELDED FILLET TYP



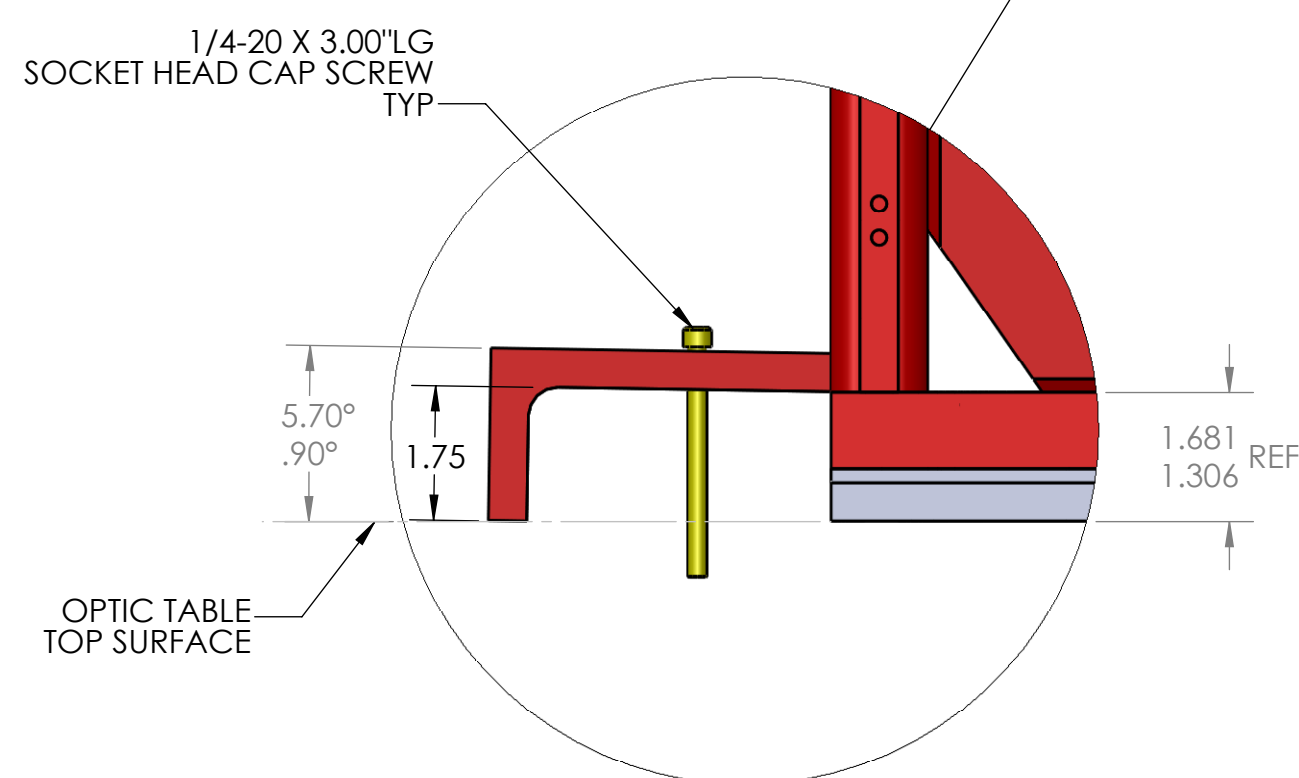
DETAIL C  
 SCALE 1 : 1.5



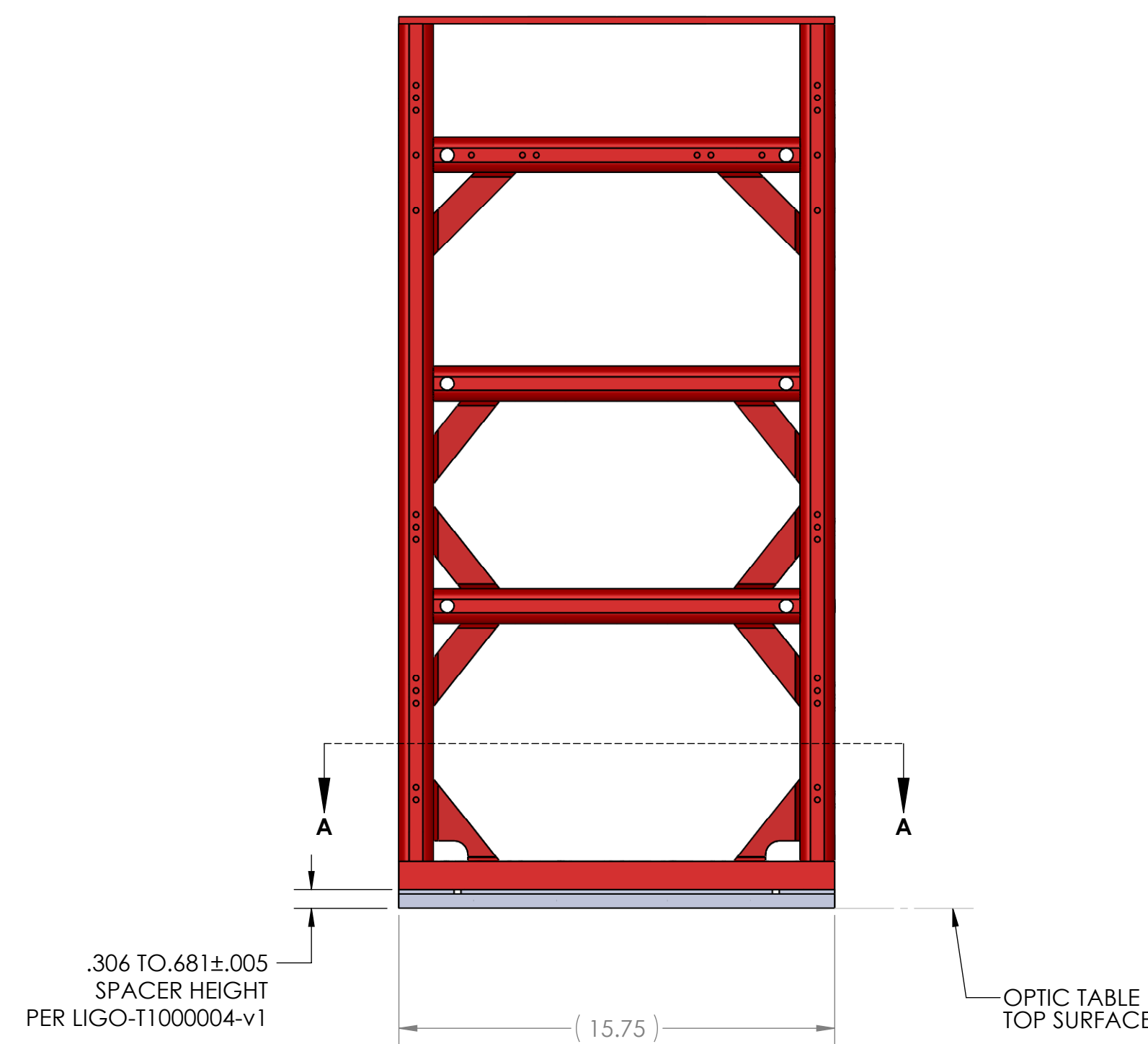
DETAIL D  
 SCALE 1 : 1.5



OPTIC TABLE TOP SURFACE

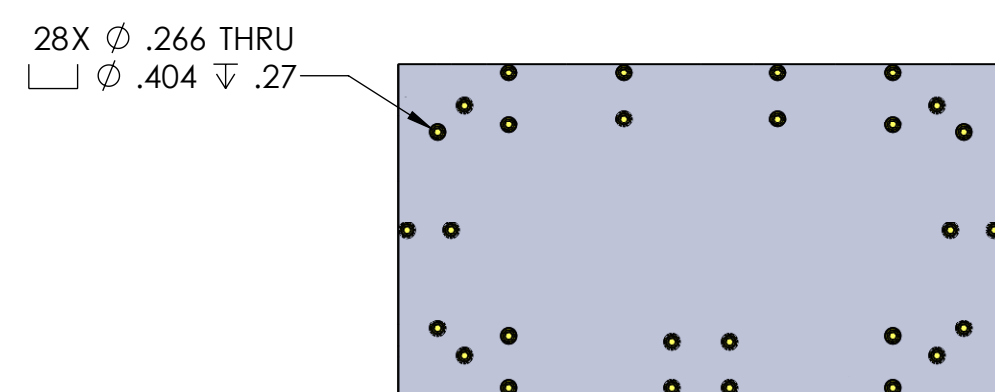


DETAIL B  
 SCALE 2 : 5



.306 TO .681 ± .005  
 SPACER HEIGHT  
 PER LIGO-T1000004-v1

OPTIC TABLE TOP SURFACE



HSTS SUSPENSION STRUCTURE

28X 1/4-20 X 1.25\"/>
 SOCKET HEAD CAP SCREW

VENTED AREA  
 4 PL

BASIC SPACER ASSEMBLY:  
 (1) .50\"/>
 THK AL 6061-T6  
 (4) TOP PLATES-MACHINED TO SPECIFIC THICKNESS.

D020023-v2

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)		LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME HSTS SPACER CONCEPT, HAM2-H1 MC1, MC3						
DIMENSIONS ARE IN INCHES		SYSTEM ADVANCED LIGO		SUB-SYSTEM SUS		DESIGNER E. Shankle	27 JAN 2010	SIZE D	DWG. NO. G1000034	REV. v4
TOLERANCES: .XX ± N/A .XXX ± N/A		NEXT ASSY D020023		CHECKER C. TORRIE		27 JAN 2010		SCALE: 1:5		
ANGULAR ± N/A °		FINISH N/A μinch		APPROVAL C. TORRIE		27 JAN 2010		PROJECTION: [Symbol] SHEET 1 OF 1		

