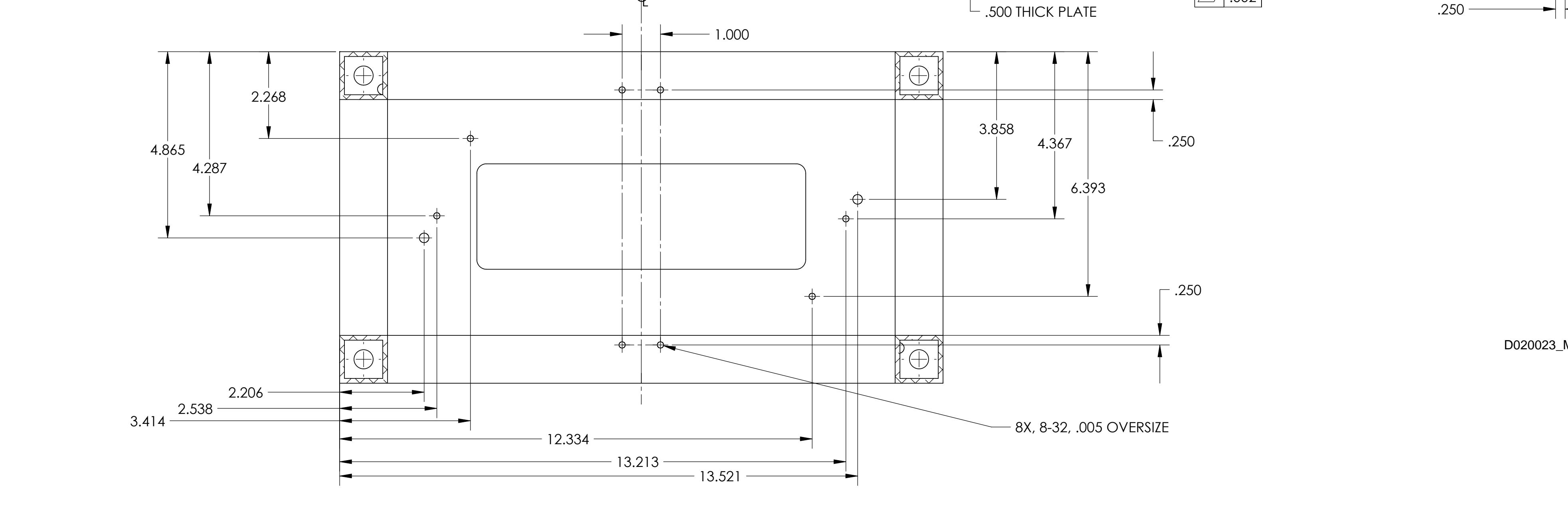
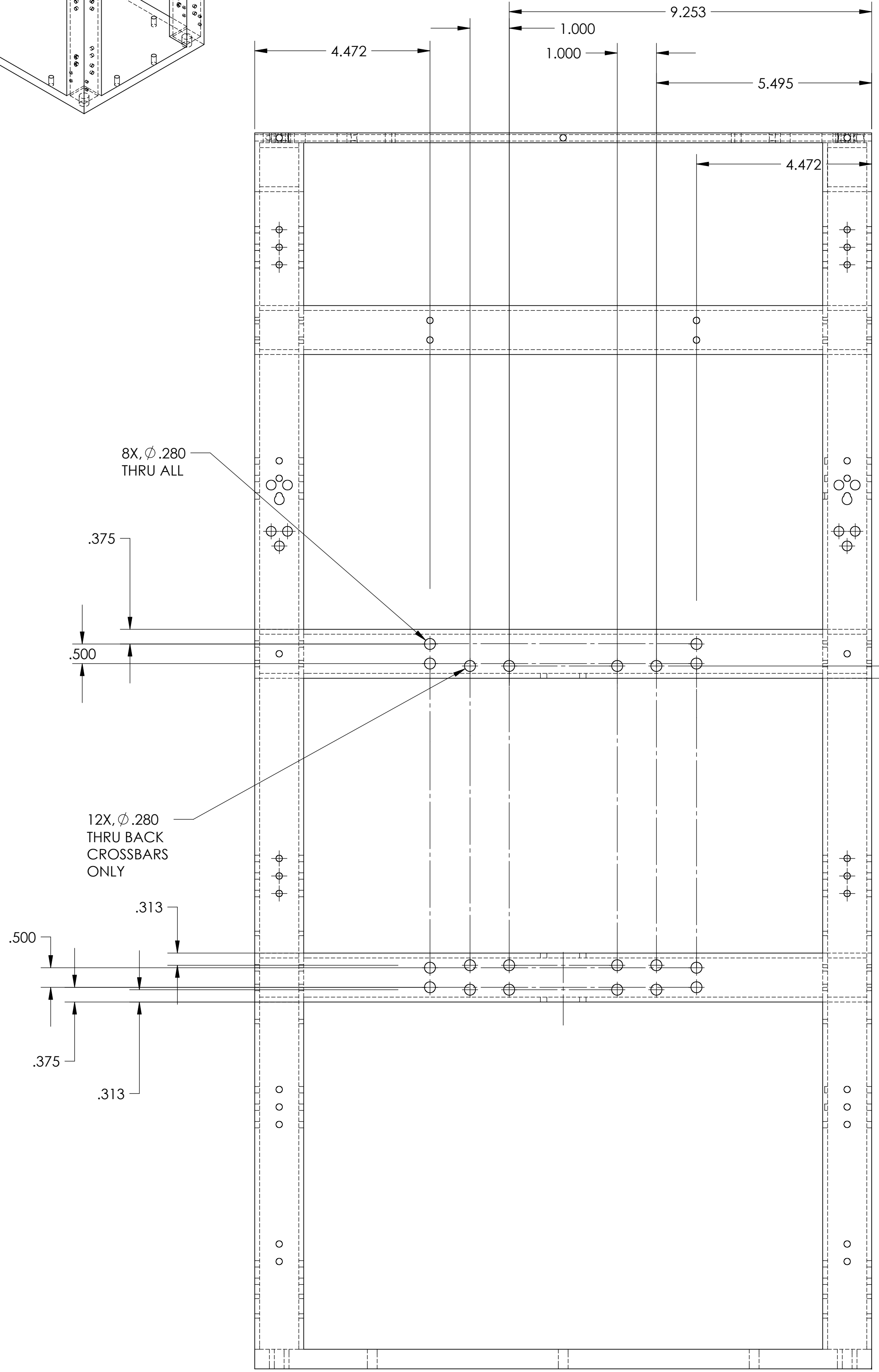
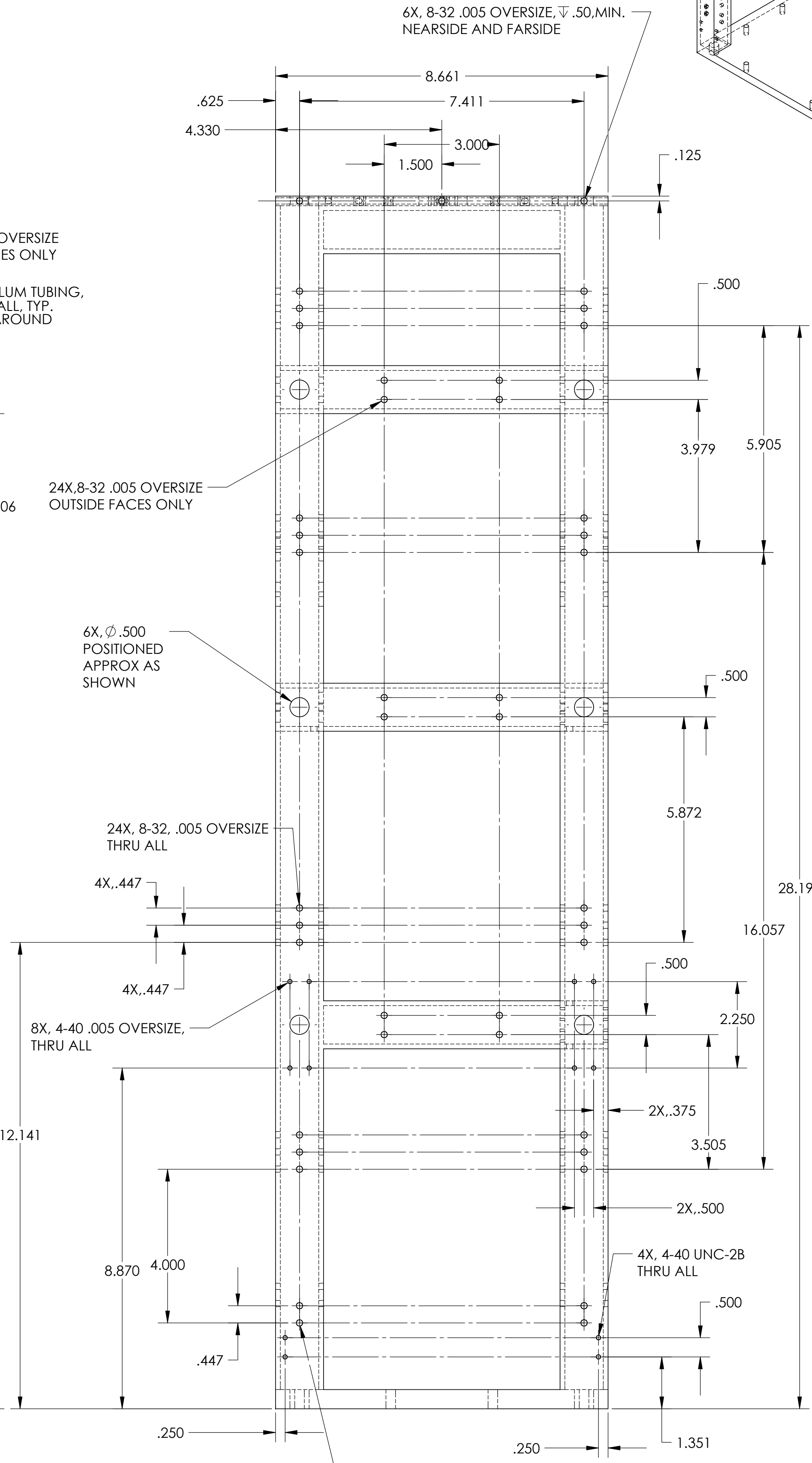
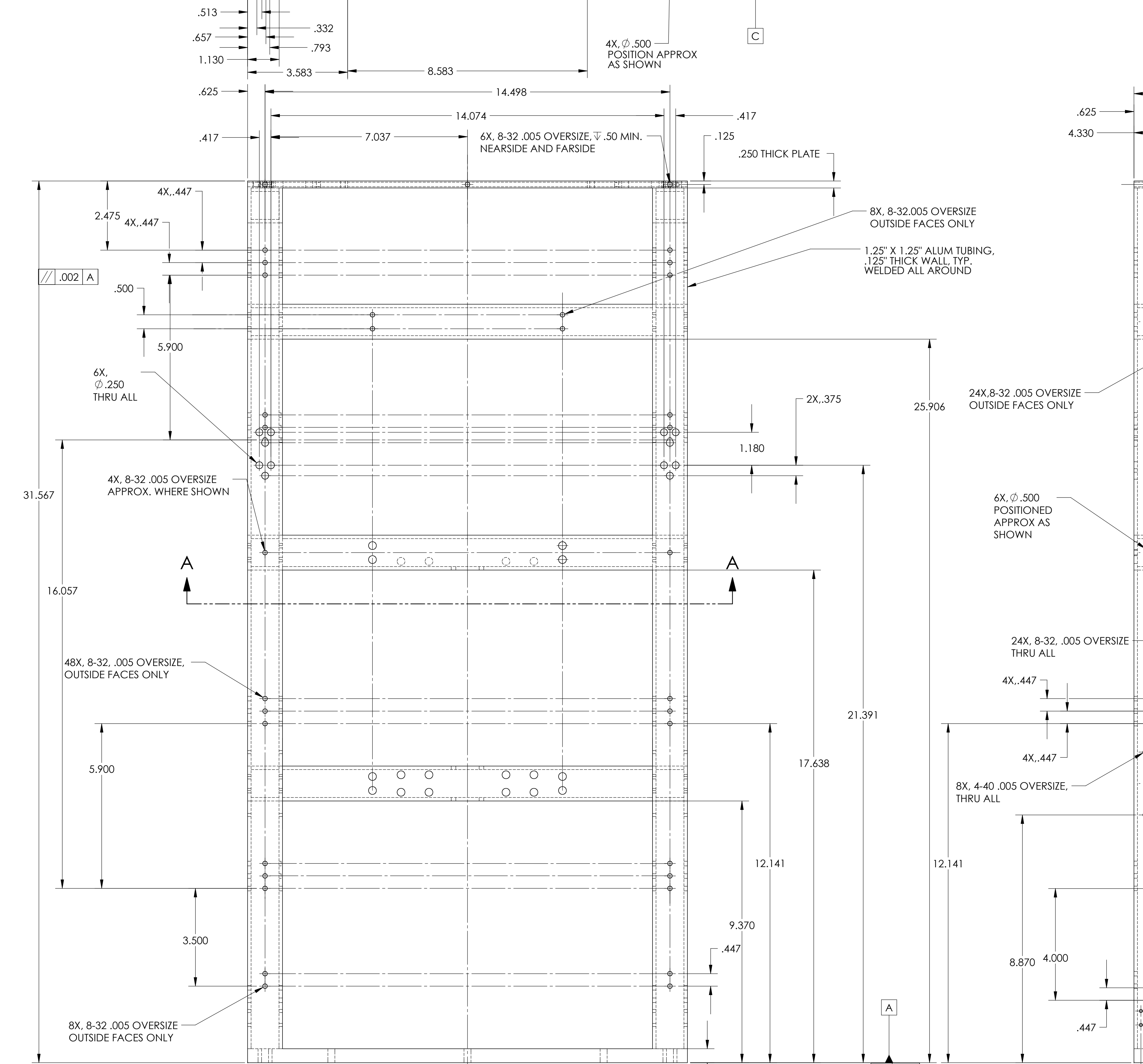
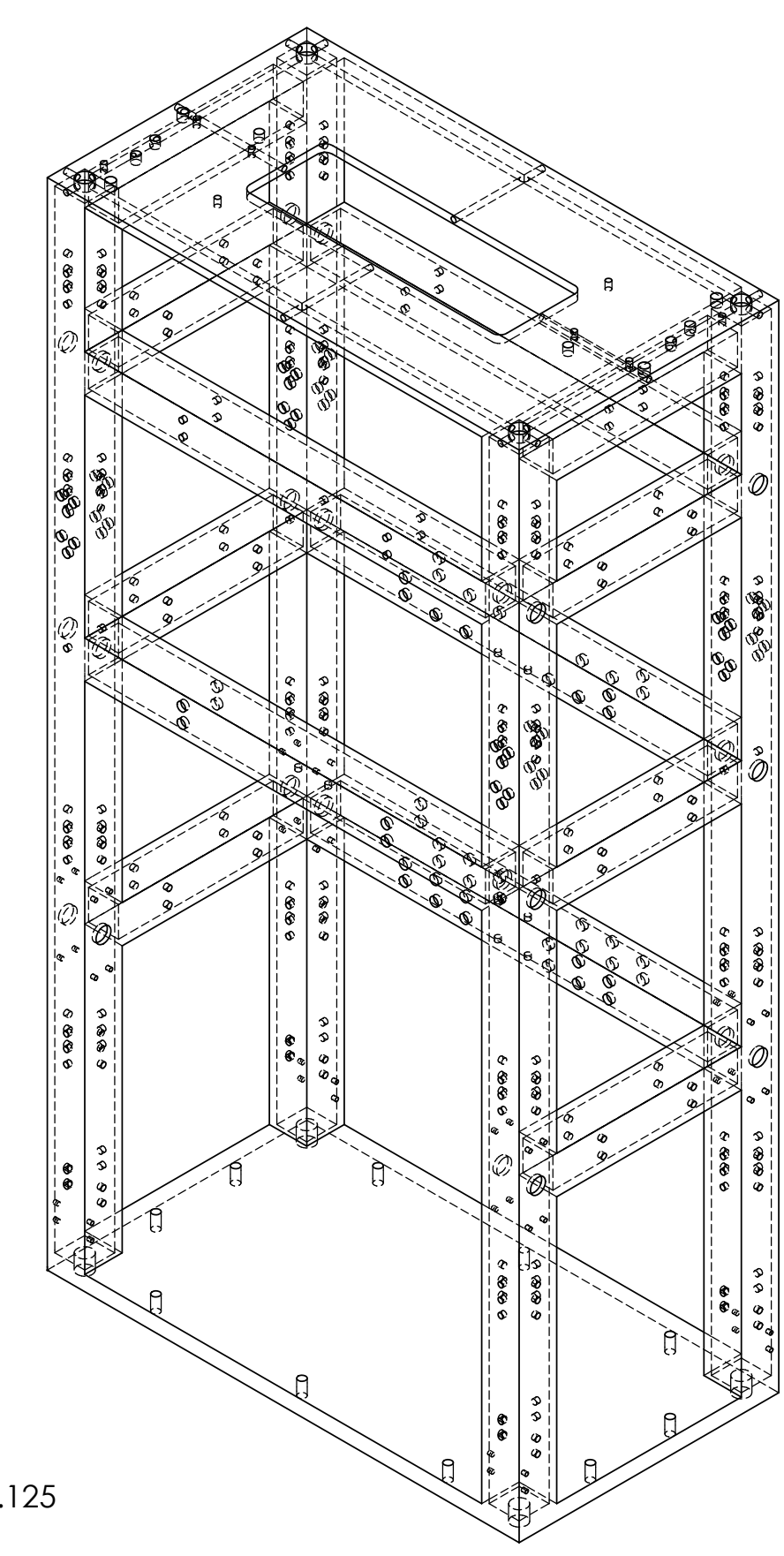
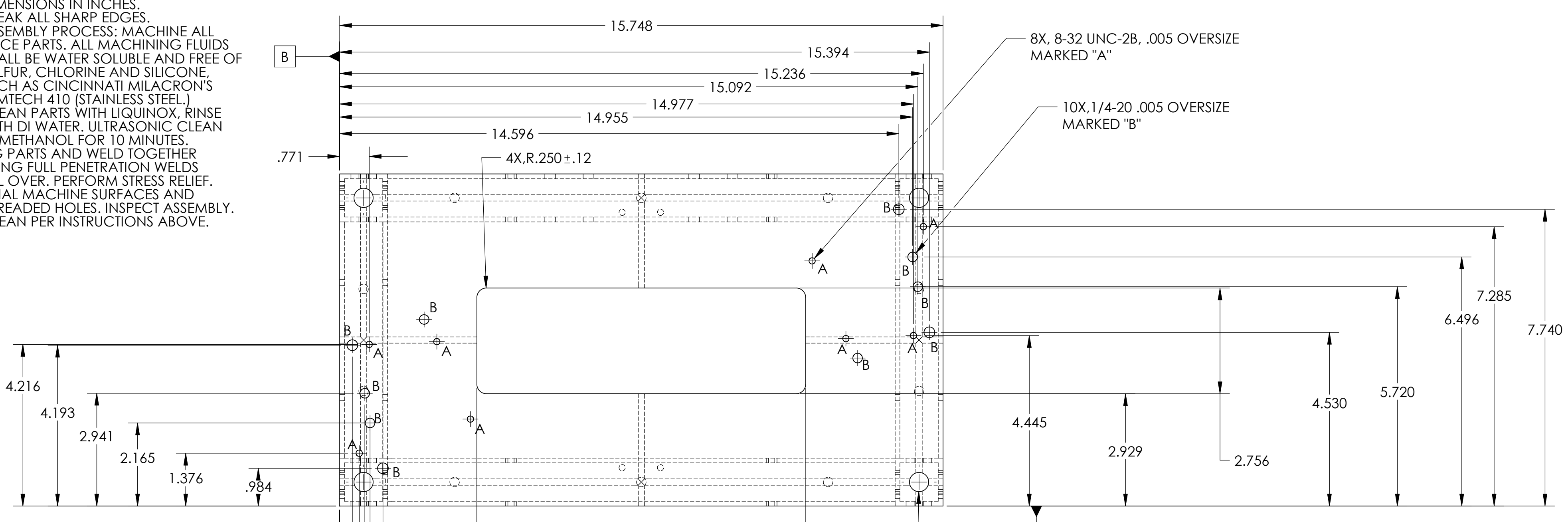


NOTES: (UNLESS OTHERWISE SPECIFIED)
 1. DIMENSIONS IN INCHES.
 2. BREAK ALL SHARP EDGES.
 3. ASSEMBLY PROCESS: MACHINE ALL PIECE PARTS. ALL MACHINING FLUIDS SHALL BE WATER SOLUBLE AND FREE OF SULFUR, CHLORINE AND SILICONE, SUCH AS CINCINNATI MILLACRON'S CIMTECH 410 (STAINLESS STEEL). CLEAN PARTS WITH LIQUINOX, RINSE WITH DI WATER, ULTRASONIC CLEAN IN METHANOL FOR 10 MINUTES. JIG PARTS AND WELD TOGETHER USING FULL PENETRATION WELDS ALL OVER. PERFORM STRESS RELIEF. FINAL MACHINE SURFACES AND THREADED HOLES. INSPECT ASSEMBLY. CLEAN PER INSTRUCTIONS ABOVE.

REV	DATE	DESCRIPTION	DRAWING TITLE
A	12/11/2023	REVISION	



D020023_MCStructure_MainStructure.step

SECTION A-A
 SCALE 1:2

REV	DATE	DESCRIPTION	SCALE
E	06/02	REVISION	

DIMENSIONS ARE IN INCHES TOLERANCES: .XX ±.001 .XXX ±.005 ANGULAR ±0.5 SURFACE FINISH: 6000 SERIES AL NONE	DRAWN: J.ROMIE CHECKED: DATE: 06/02 SYSTEM: ADVANCED LIGO SUB-SYSTEM: SUSPENSIONS NEXT ASSY: MODE CLEANER ASSEMBLY PART NAME: MODE CLEANER STRUCTURE FILE NAME: D020023 DWG. NO.: D020023 SCALE:	CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY ADVANCED LIGO SUSPENSIONS MODE CLEANER ASSEMBLY MODE CLEANER STRUCTURE REV A SHEET 1 OF 1
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