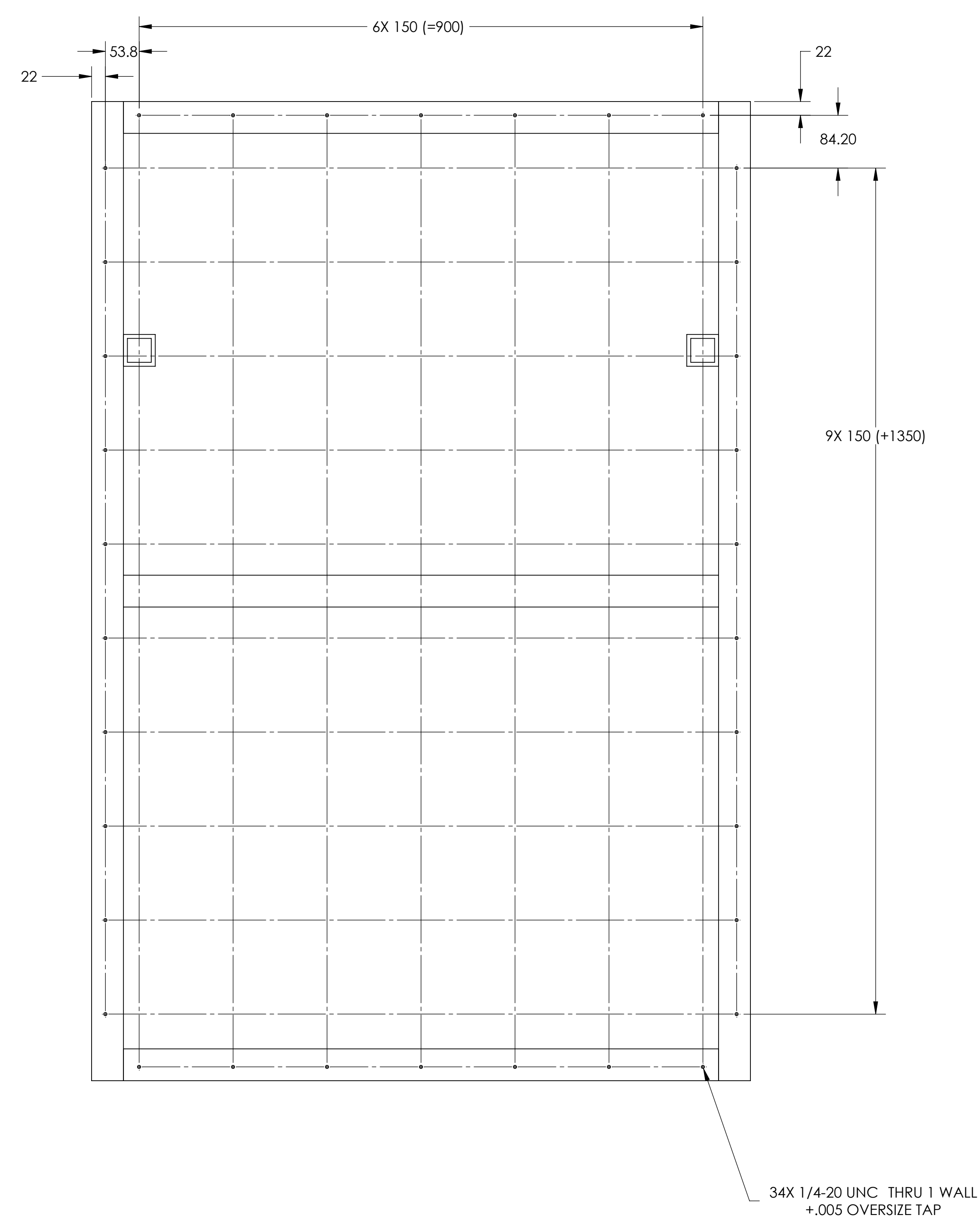
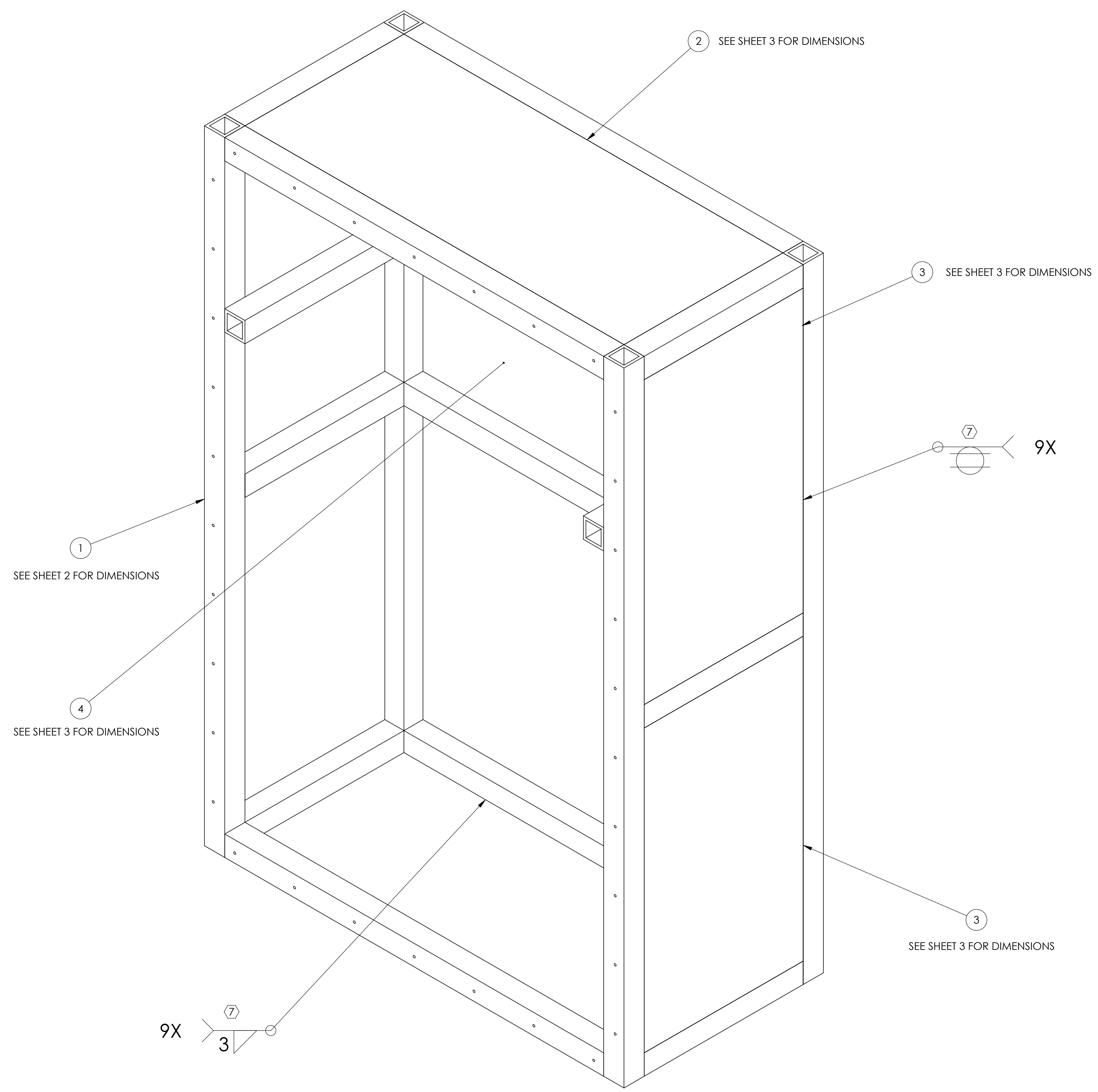


REV.	DATE	DCN #	DRAWING TREE #
V1	17 AUG 2010		



ITEM NO.		PART NUMBER	DESCRIPTION	MATERIAL	REQ	SPARE	TOTAL
4	BACK SKIN	LOWER QUAD STORAGE CONTAINER BACK SKIN	6061-T6 Al	2		2	
3	SIDE SKIN	LOWER QUAD STORAGE CONTAINER SIDE SKIN	6061-T6 Al	4		4	
2	TOP AND BOTTOM SKIN	LOWER QUAD STORAGE CONTAINER TOP AND BOTTOM SKIN	6061-T6 Al	2		2	
1	BASIC WELDMENT	LOWER QUAD STORAGE CONTAINER WELDMENT	6061-T6 Al	1		1	

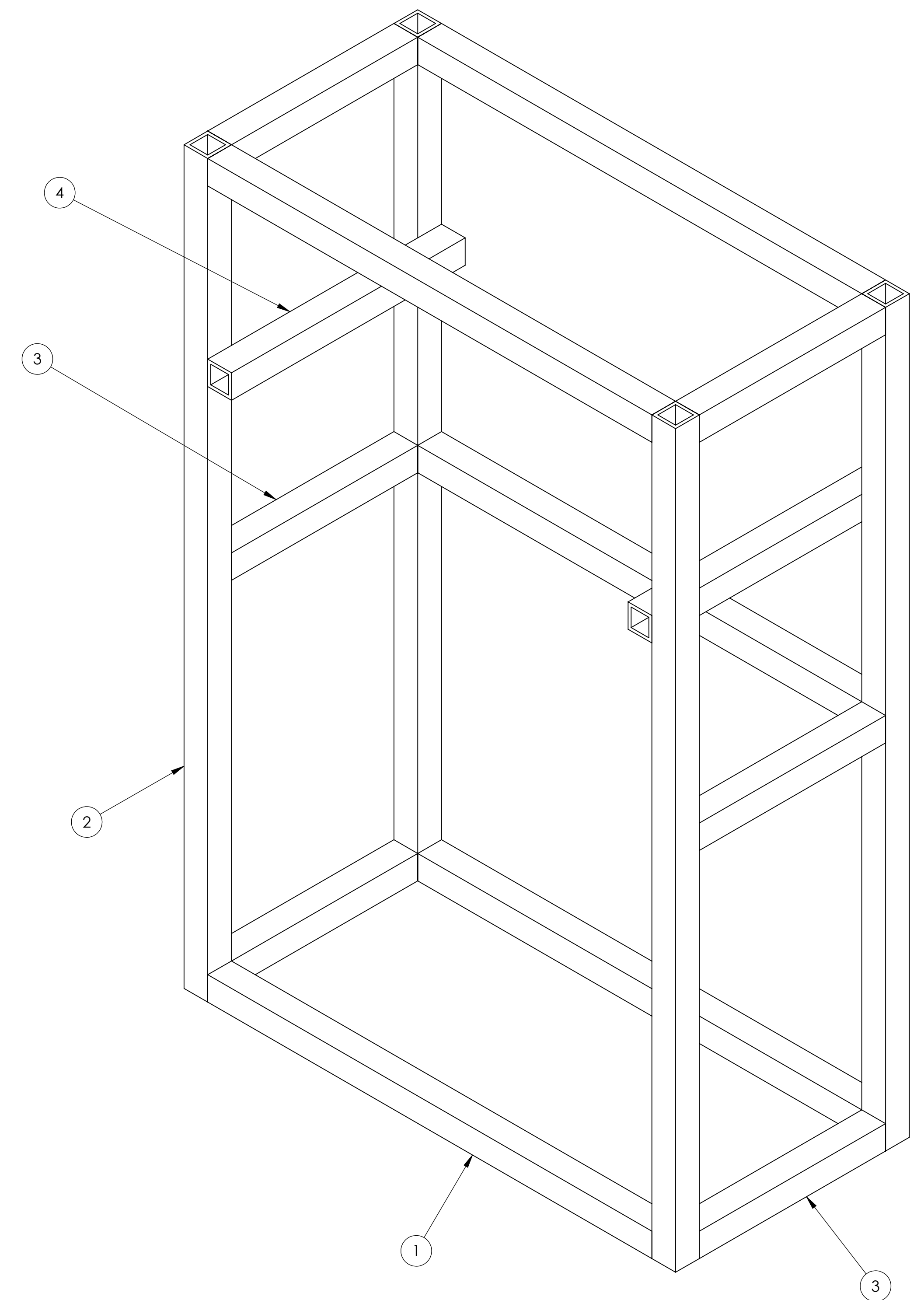
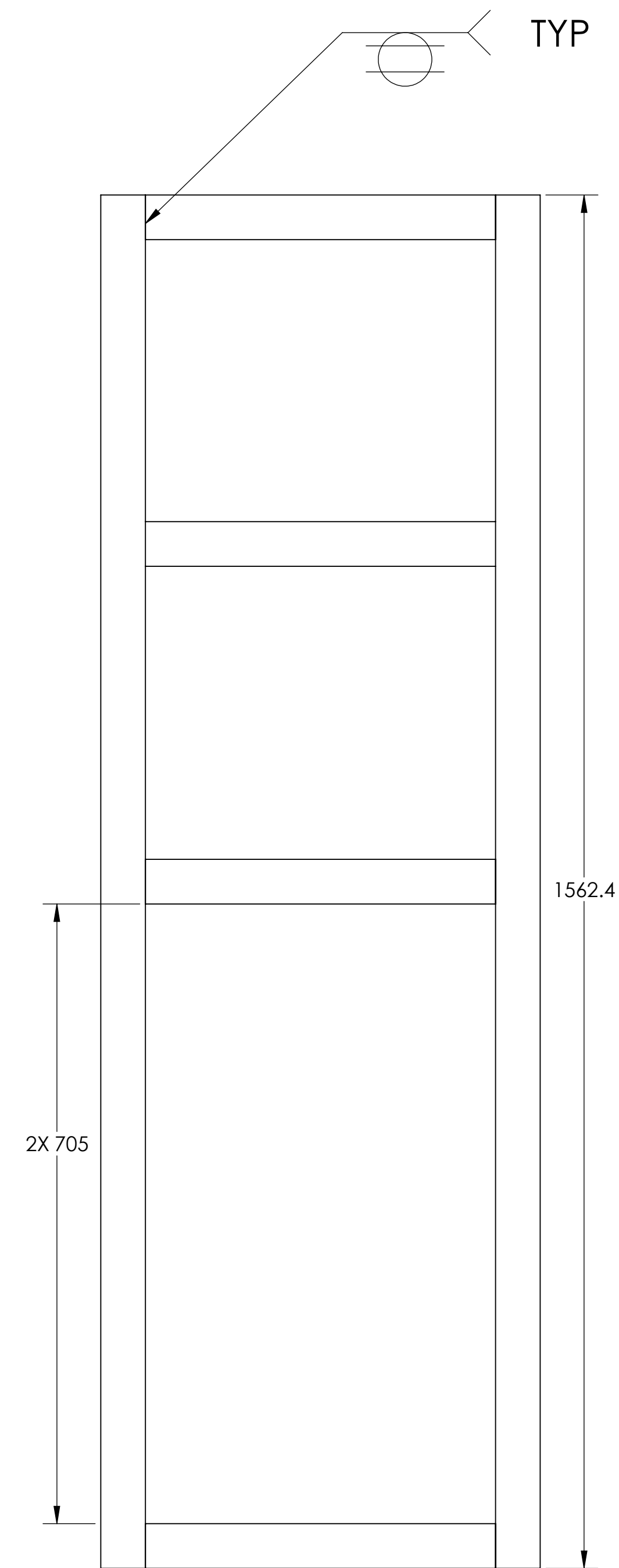
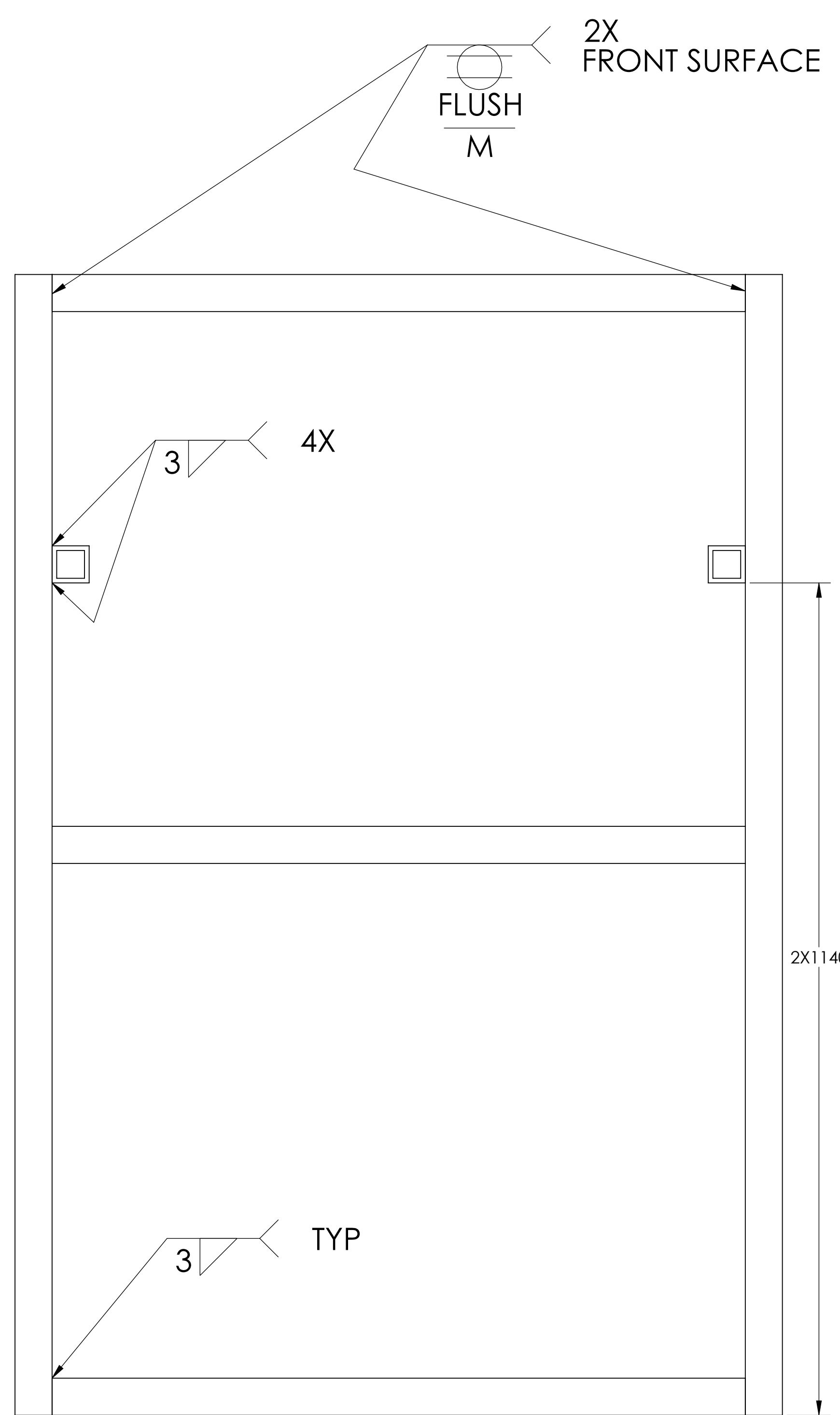
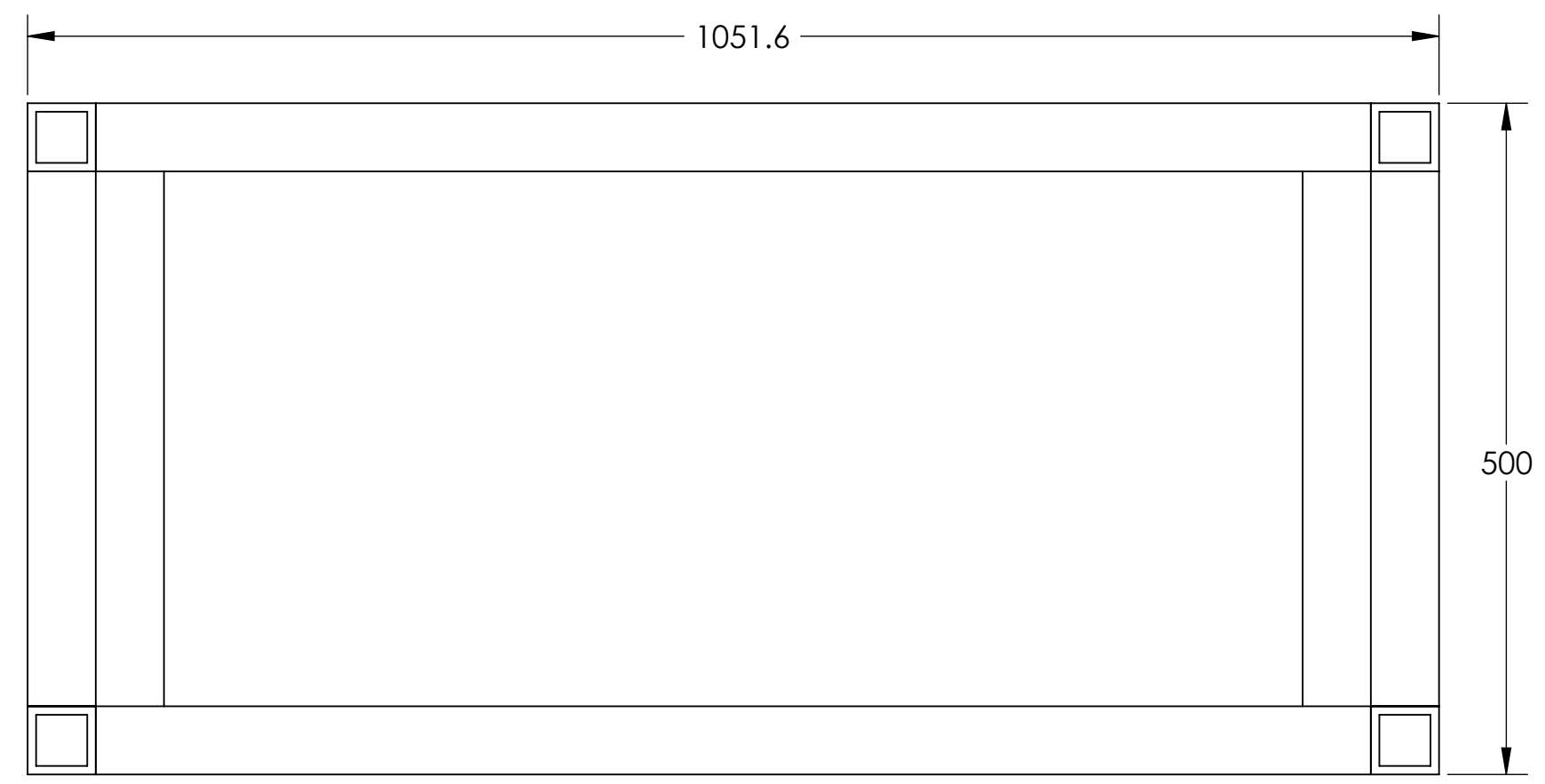
  

NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)		CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME	
DIMENSIONS ARE IN MILLIMETERS		ADVANCED LIGO		LOWER STRUCTURE STORAGE CONTAINER WELDMENT	
1. INTERPRET DRAWING PER ASME Y14.5-1994.		SUB-SYSTEM		SUS	
2. REMOVE ALL SHARP EDGES, R.02 MIN.		DESIGNER		K. BUCKLAND	
3. DO NOT SCALE FROM DRAWING.		DRAFTER		K. BUCKLAND	
4. ALL MACHINING FLUIDS MUST BE FULLY SYNTHETIC, FULLY WATER SOLUBLE AND FREE OF SULFUR, SILICONE, AND CHLORINE.		CHECKER			
TOLERANCES:		APPROVAL		SCALE: 1:4	
.X ± .25		NEXT ASSY		D1002118	
.XX ± .13		FINISH		N/A μinch	
ANGULAR ± .5°		MATERIAL		N/A	

REV.	DATE	DCN #	DRAWING TREE #
V1	17 AUG 2010		

D:\002119-0002.DWG: LOWER STRUCTURE STORAGE CONTAINER WELDMENT.PART.DWG: REV: 1.002: DRAWING FOR REV: 1.002

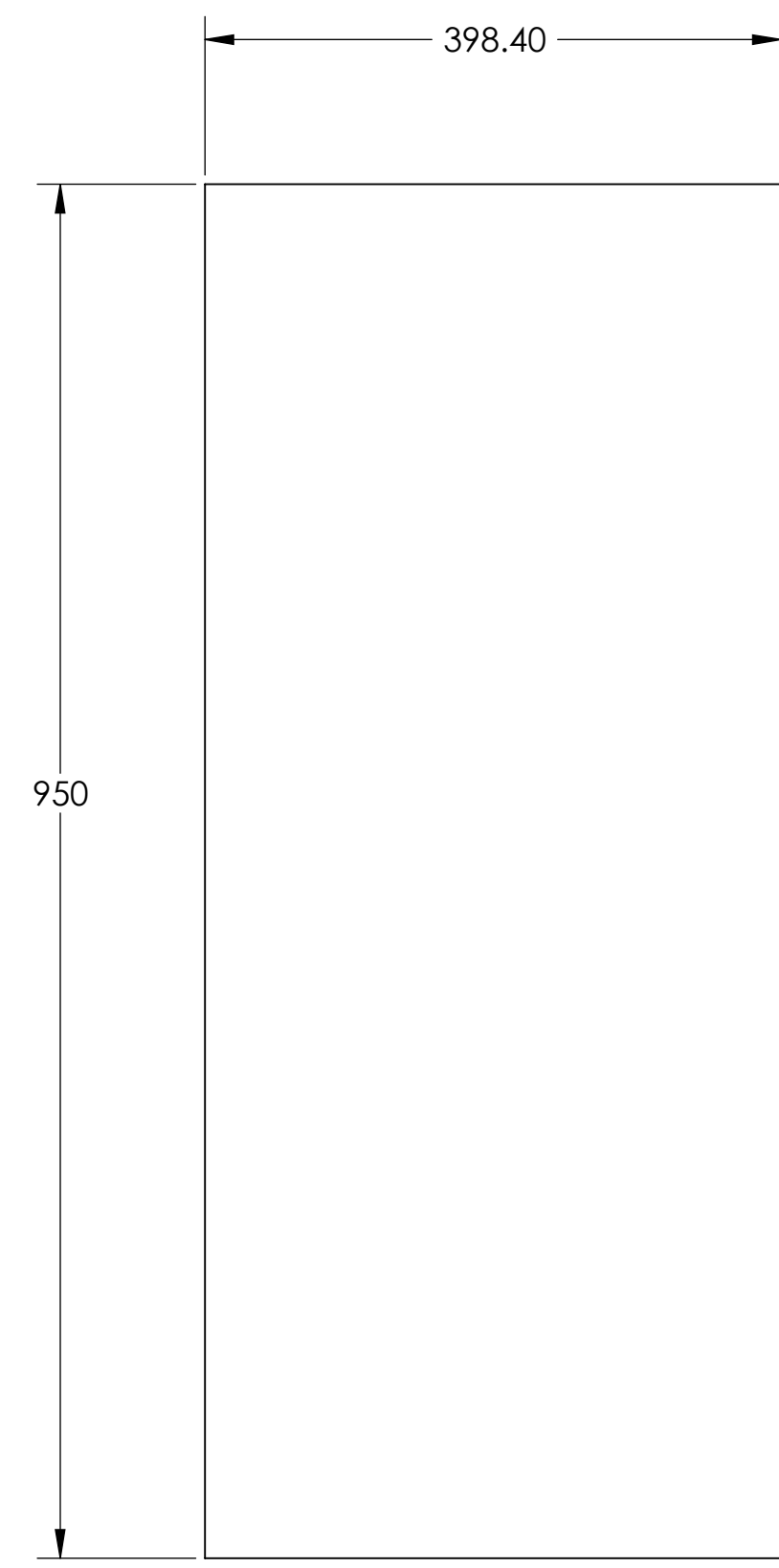


CUT LIST

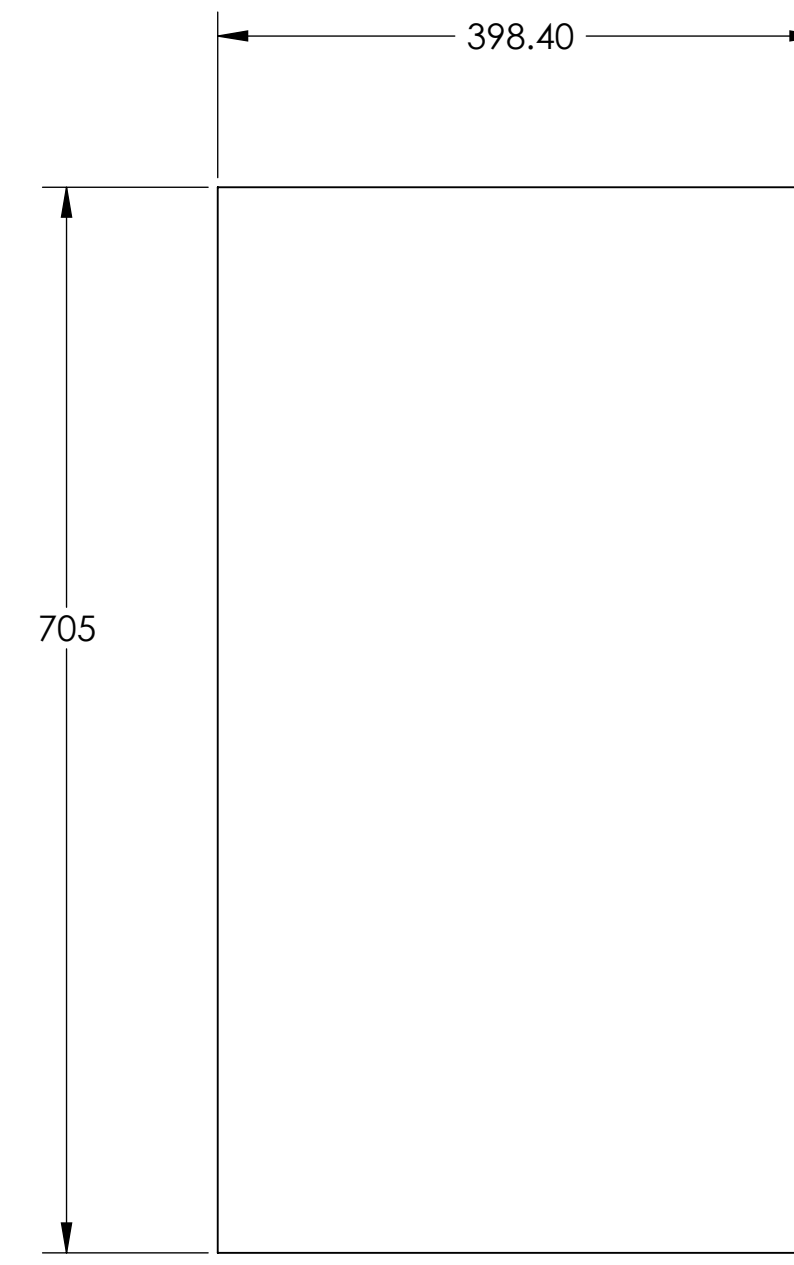
ITEM NO.	QTY.	DESCRIPTION	LENGTH
1	5	50.8X50.8X6.35 TUBE	950
2	4	50.8X50.8X6.35 TUBE	1562.4
3	6	50.8X50.8X6.35 TUBE	398.4
4	2	50.8X50.8X6.35 TUBE	500

BASIC WELDMENT  
 MATERIAL: 2" SQUARE X .25" WALL  
 6061 ALUM ALLOY TUBING

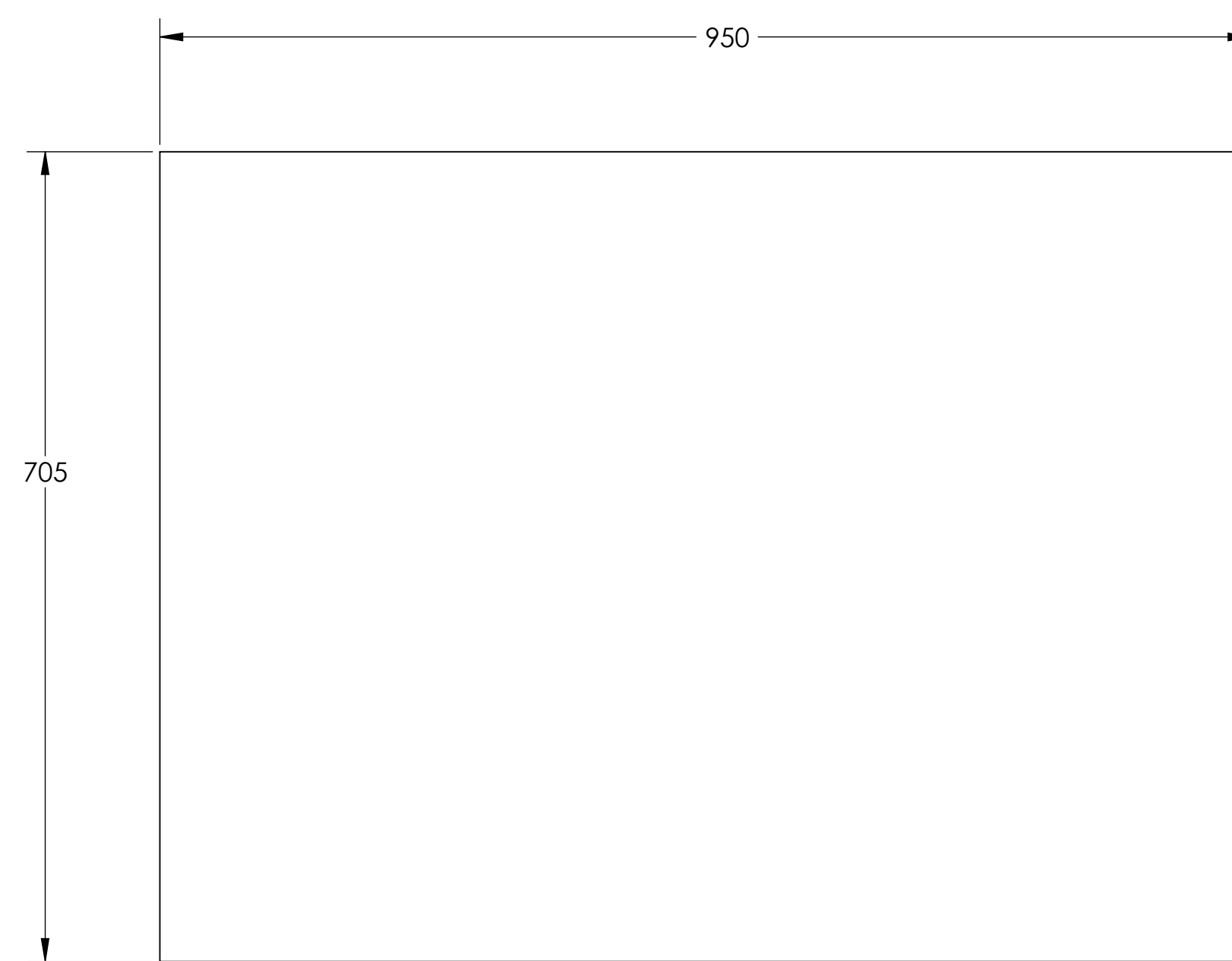
D:\002119-SG02-US-LOWER STRUCTURE FRAME\CONV\WELDMENT\_PART.DWG (REV. 1.00) DRAWING FOR REV. 1.00



TOP AND BOTTOM SKIN  
 MATERIAL: .12 THICK  
 6061-T6 ALUM ALLOY  
 2 REQ'D



SIDE SKIN  
 MATERIAL: .12 THICK  
 6061-T6 ALUM ALLOY  
 4 REQ'D



BACK SKIN  
 MATERIAL: .12 THICK  
 6061-T6 ALUM ALLOY  
 2 REQ'D

D:\000119-2000-USE-LOWER STRUCTURE FOR SPACE CONTAINER WELDMENT PART FOR REV. A.DWG.DWG FOR REV. A.DWG