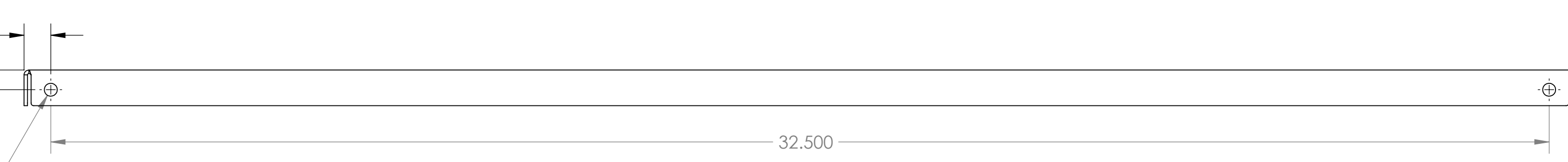
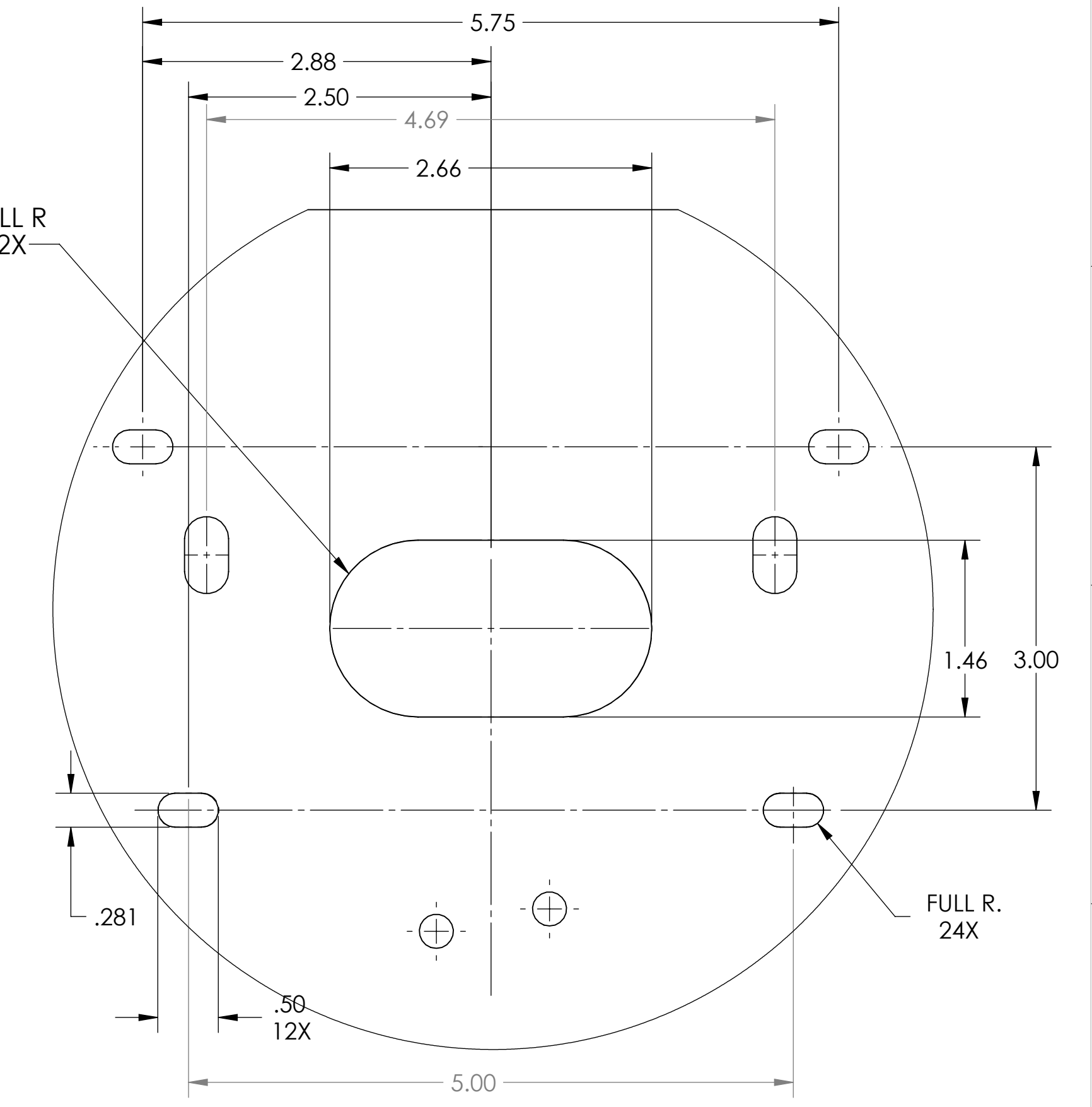
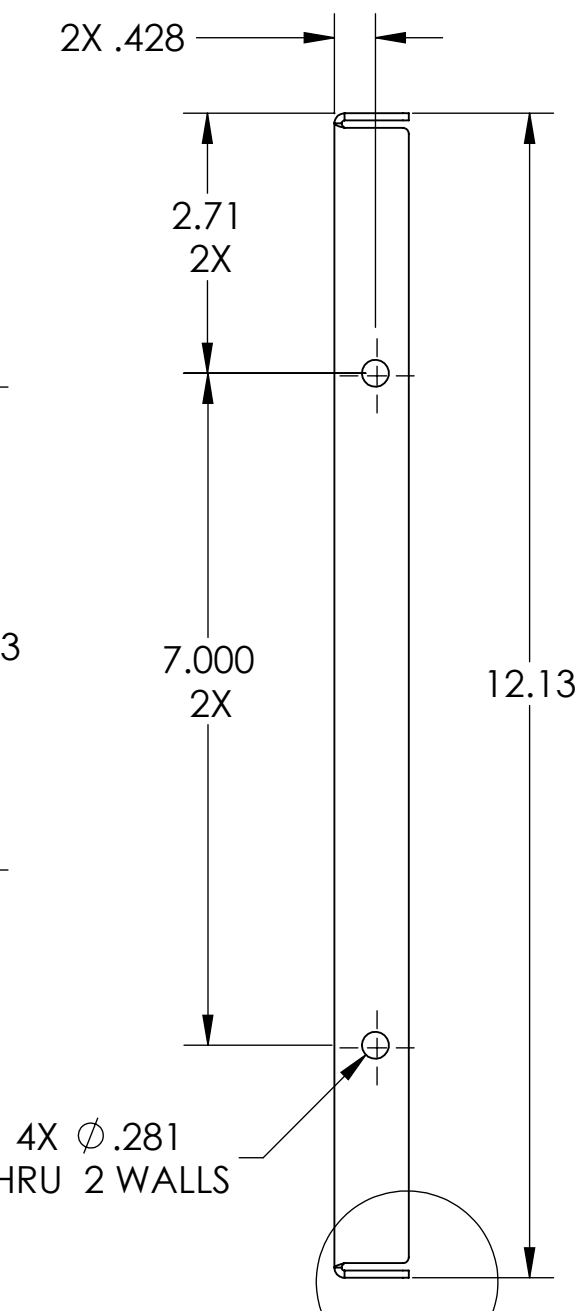
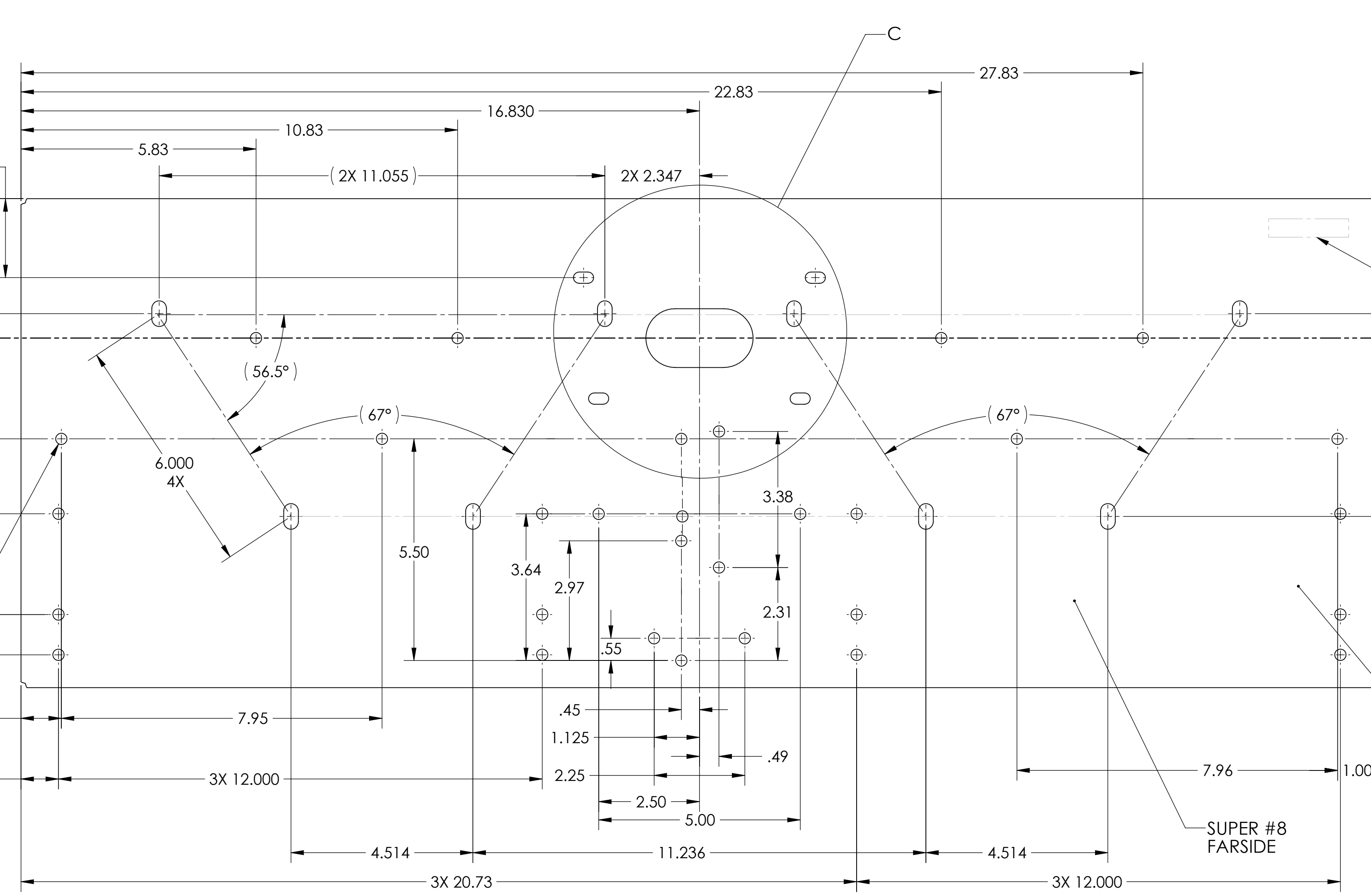
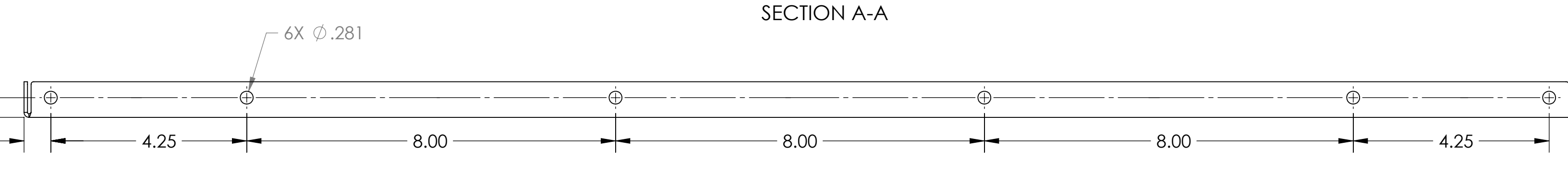
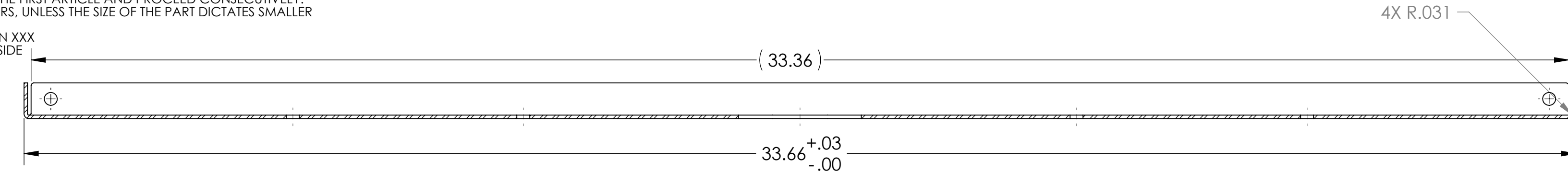


**NOTES: UNLESS OTHERWISE SPECIFIED**

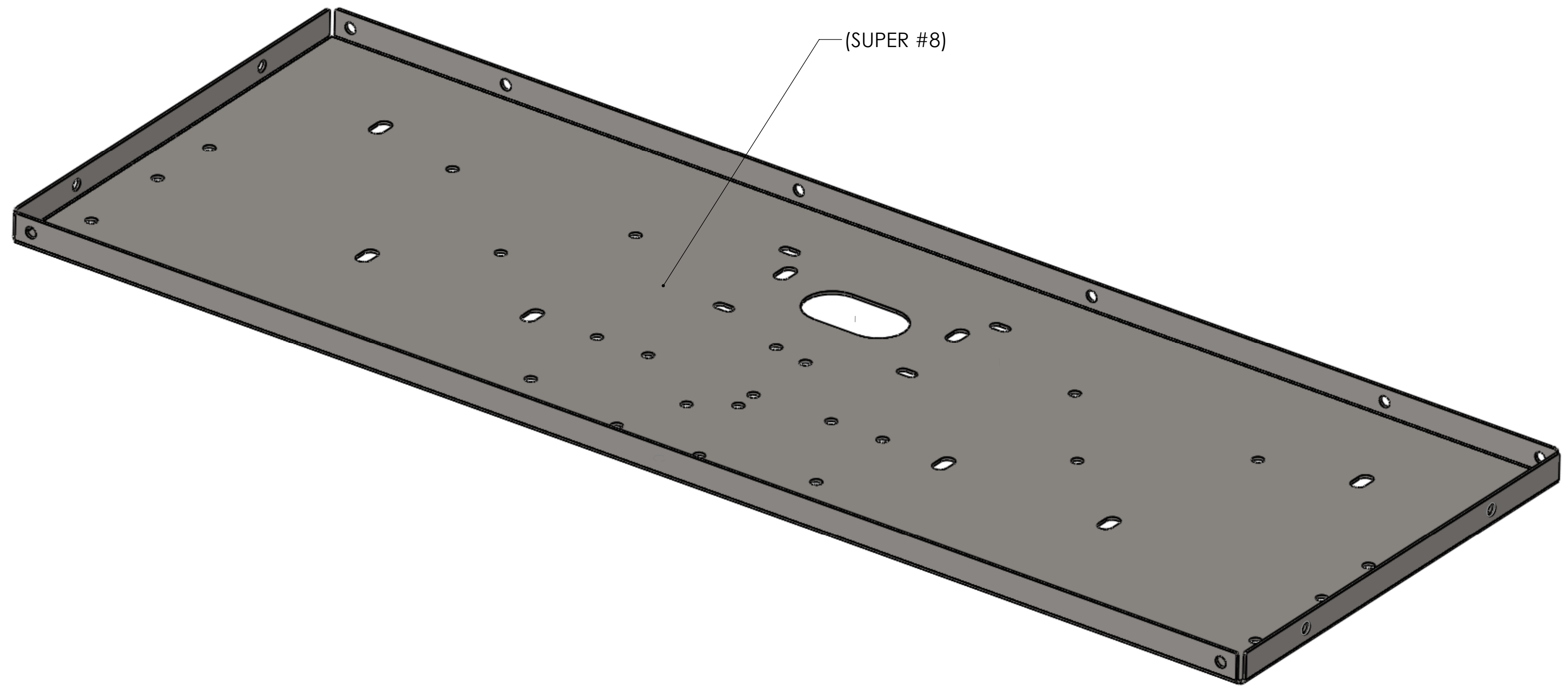
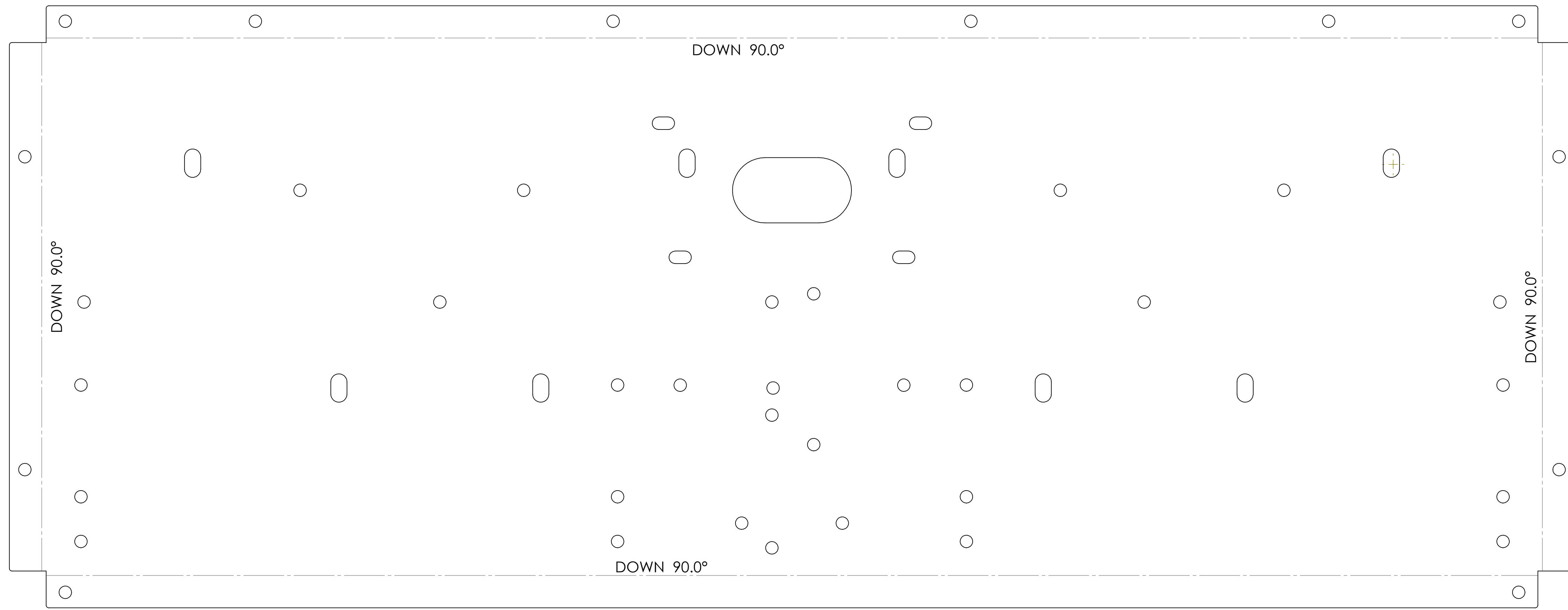
1. INTERPRET DRAWING PER ASME Y14.5-1994.
2. REMOVE ALL SHARP EDGES, .005-.015 ON ALL EDGES AND HOLES.
3. DO NOT SCALE FROM DRAWING.
4. ALL MACHINE FLUIDS MUST BE FULLY SYNTHETIC, FULL WATER SOLUBLE AND FREE OF SULFUR, SILICONE AND CHLORINE PER LIGO DOCUMENT E0900237.
5. SCRIBE, ENGRAVE (A VIBRATORY TOOL MAY BE USED), LASER MARK (NO INKS OR DYES) DRAWING PART NUMBER, REVISION (AND VARIANT OR TYPE IF APPLICABLE) ON NOTED SURFACE OF PART FOLLOWED ON THE NEXT LINE WITH A THREE DIGIT SERIAL NUMBER. SERIAL NUMBERS START AT .001 FOR THE FIRST ARTICLE AND PROCEED CONSECUTIVELY. USE MINIMUM 0.12" HIGH CHARACTERS, UNLESS THE SIZE OF THE PART DICTATES SMALLER CHARACTERS.  
EXAMPLE: DXXXXXX-VY, TYPE-XX, S/N XXX  
DO NOT APPLY MARK ON SUPER #8 SIDE
6. ALL PARTS SHALL BE MANUFACTURED IN ACCORDANCE WITH LIGO SPEC E0900364.
7. ALL MATERIAL IS TO BE VIRGIN MATERIAL (I.E. NO WELD REPAIRS OR PLUGS) UNLESS APPROVED IN ADVANCE, IN WRITING, BY LIGO PER SPECIFICATION E0900364.
8. SURFACE FINISH TO BE AS-PROCESSED FROM MILL/SUPPLIER, FREE FROM SCRATCHES OR GOUGES.
9. PART TO BE OXIDIZED PER SPECIFICATION E1100842.
10. DELETED.
11. DELETED.


REV.	DATE	DCN #	DRAWING TREE #
v1	15 JUN 2010	E1000285	
v2	02 MAR 2011	E1100216	
v3	5 MAY 2011	E1100216	
v4	25 JUN 2011	E1100335	
v5	7 SEP 2011	E1100335	
v6	7 MAY 2012	E1100335	



NOTES AND TOLERANCES: (UNLESS OTHERWISE SPECIFIED)				LIGO CALIFORNIA INSTITUTE OF TECHNOLOGY MASSACHUSETTS INSTITUTE OF TECHNOLOGY		PART NAME																							
DIMENSIONS ARE IN INCHES				SEE TOP LEFT FOR NOTES		ARM CAVITY BAFFLE TOP SKIN																							
TOLERANCES: .XX ± .03 .XXX ± .015						<table border="1"> <tr> <td>DESIGNER</td> <td>N.Nguyen</td> <td>01 Jun 2010</td> <td>SIZE</td> <td>DWG. NO.</td> <td>REV.</td> </tr> <tr> <td>DRAFTER</td> <td>TG. NGUYEN</td> <td>04 JUN 2010</td> <td>D</td> <td>D1000974</td> <td>v6</td> </tr> <tr> <td>CHECKER</td> <td>M. SMITH</td> <td>10 NOV 2010</td> <td></td> <td></td> <td></td> </tr> <tr> <td>APPROVAL</td> <td>D. COYNE</td> <td>20 NOV 2010</td> <td>SCALE: 1:2</td> <td>PROJECTION:</td> <td>SHEET 1 OF 2</td> </tr> </table>		DESIGNER	N.Nguyen	01 Jun 2010	SIZE	DWG. NO.	REV.	DRAFTER	TG. NGUYEN	04 JUN 2010	D	D1000974	v6	CHECKER	M. SMITH	10 NOV 2010				APPROVAL	D. COYNE	20 NOV 2010	SCALE: 1:2
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APPROVAL	D. COYNE	20 NOV 2010	SCALE: 1:2	PROJECTION:	SHEET 1 OF 2																								
ANGULAR ± 1.0°				MATERIAL: 14 GAUGE 304 SSTL		NEXT ASSY: D1000977																							
				FINISH: 8 SUPER #8		SYSTEM: ADVANCED LIGO SUB-SYSTEM: AOS																							

D1000974\_AduLIGO\_AOS\_31C\_ARM Cavity Baffle Top Skin, PART PDM REV: X.070, DRAWING PDM REV: X.046



 <b>CALIFORNIA INSTITUTE OF TECHNOLOGY</b> <b>MASSACHUSETTS INSTITUTE OF TECHNOLOGY</b>		REV.
SIZE	DWG. NO.	REV.
D	D1000974	V6
SCALE: 1:2	PROJECTION:	SHEET 2 OF 2

D:\00974\_Adu\GO\_ACS\_SLC\_ARM\_Cavity\_Bottle\_Top\_Skin\_PART\_PDM\_REV\_X.070\_DRAWING\_PDM\_REV\_X.046