

Engineering Change Notice

ECN Number: ECN-101

From: *Open Hardware Industries*

To: *Current OHI Customers*

Date of Notice: 2/20/2018

ECO Number: ECO-101

ECO Approval Date: 2/20/2018

Change

Removed many M2.5 mounting holes. Added M3 holes for compatibility with heatsink accessory kit (88-004A). Changed finish from clear anodize to grey. Added engraving of revision to make plates easily identifiable. Changed from 5000 series Aluminum to 6061.

Reason

Additional clearance was necessary for different SBC mounting positions. Hole interference with desired heatsink locations. Overall need for better quality and ease of inspection when receiving shipments.

Items Impacted

<u>Item #</u>	<u>Title</u>	<u>Disposition</u>
12-001	Base Plate	See above

Actions Requested

Cease production of rev H plates. All future plates will be rev L. Update product images. Update quality inspection protocol.

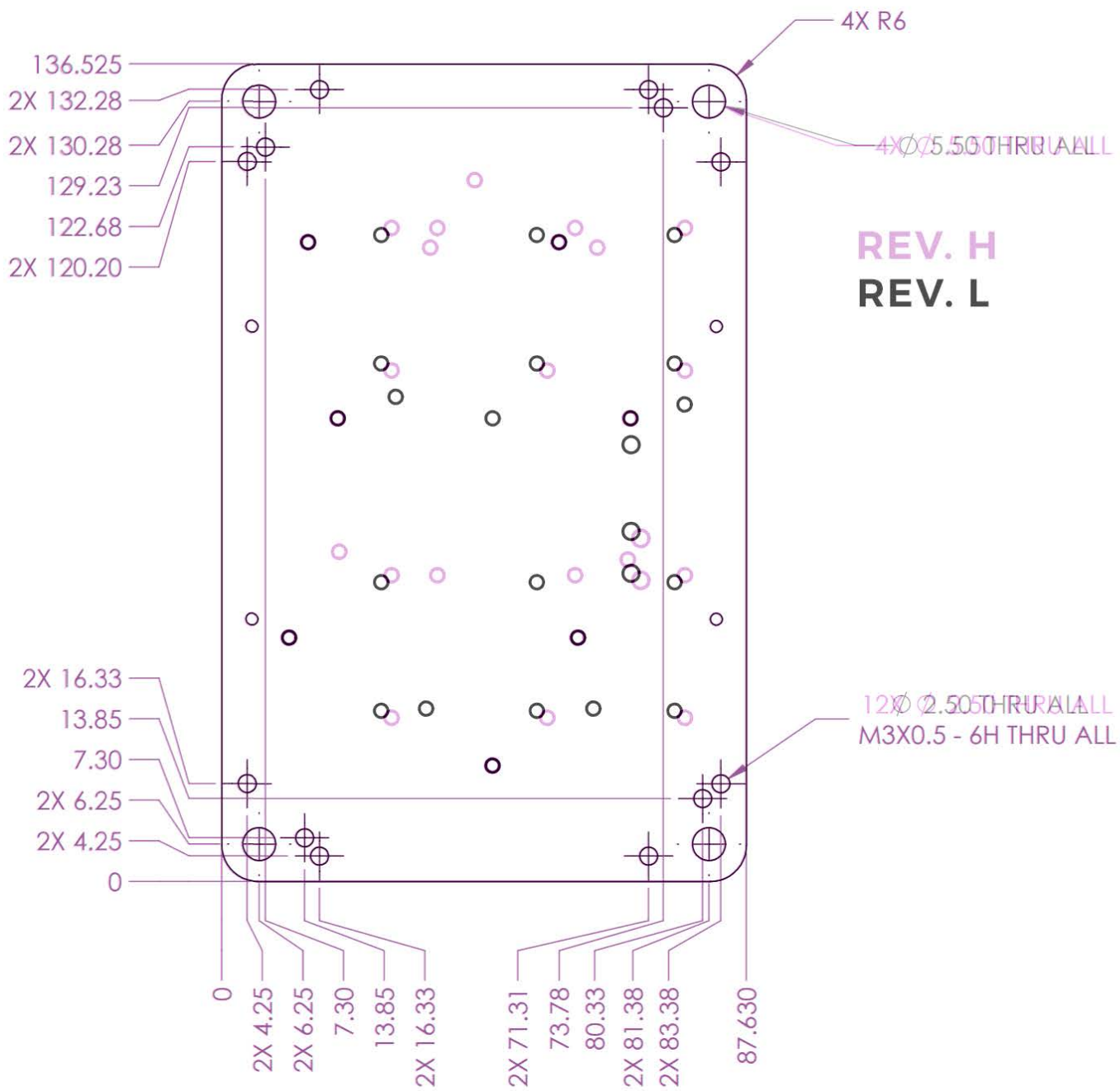
Authorized by:

Name: TJ Reed

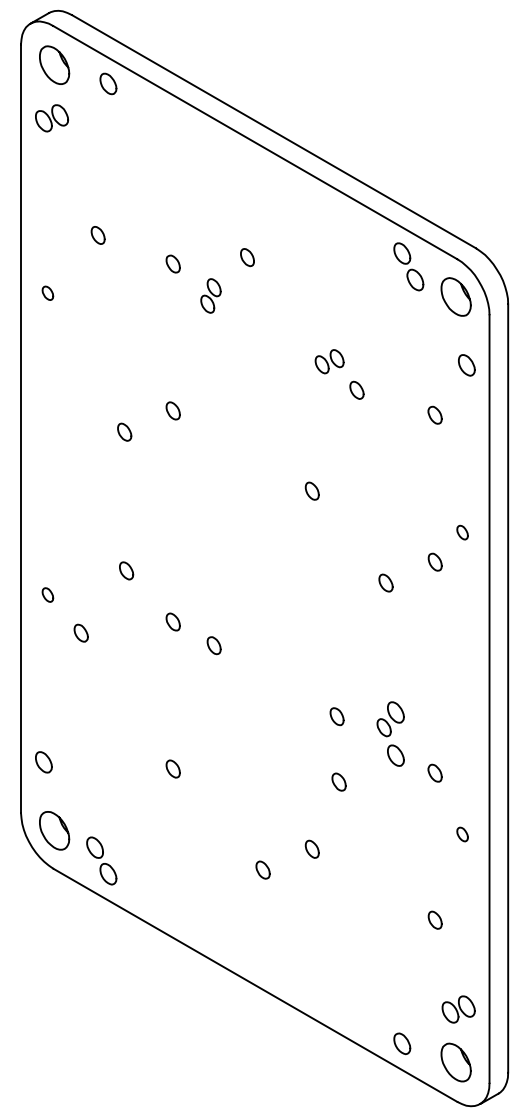
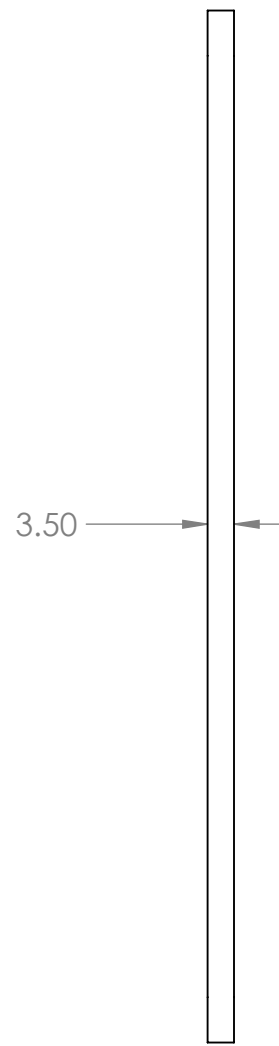
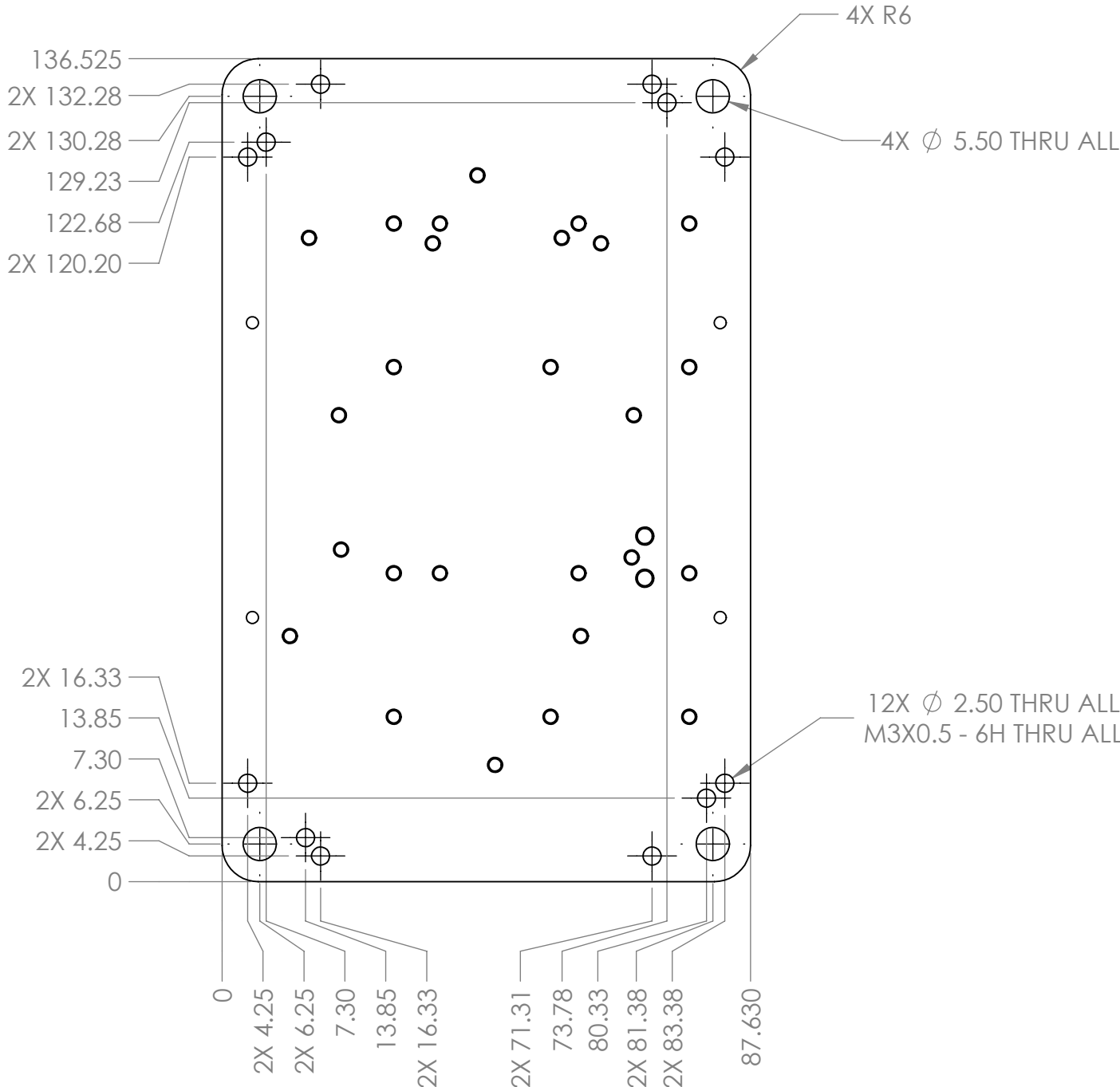
Date: 02/20/18

Signature:

Email: tjreed@openh.io



OBSOLETE



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	DIMENSIONS ARE IN MILLIMETERS		DRAWN	T.REED		8/24/17
	TOLERANCES:		CHECKED			
	TWO PLACE DECIMAL ± 0.25		ENG APPR.			
THREE PLACE DECIMAL ± 0.125		MFG APPR.			<p>SIZE DWG. NO. REV</p> <p>B 10-104 H</p>	
INTERPRET GEOMETRIC TOLERANCING PER:ASME Y14.5-2009		Q.A.				
MATERIAL		COMMENTS:				
FINISH		TOOL MARKS SHOULD NOT BE VISIBLE			SCALE: 1:1	
DO NOT SCALE DRAWING					SHEET 1 OF 2	

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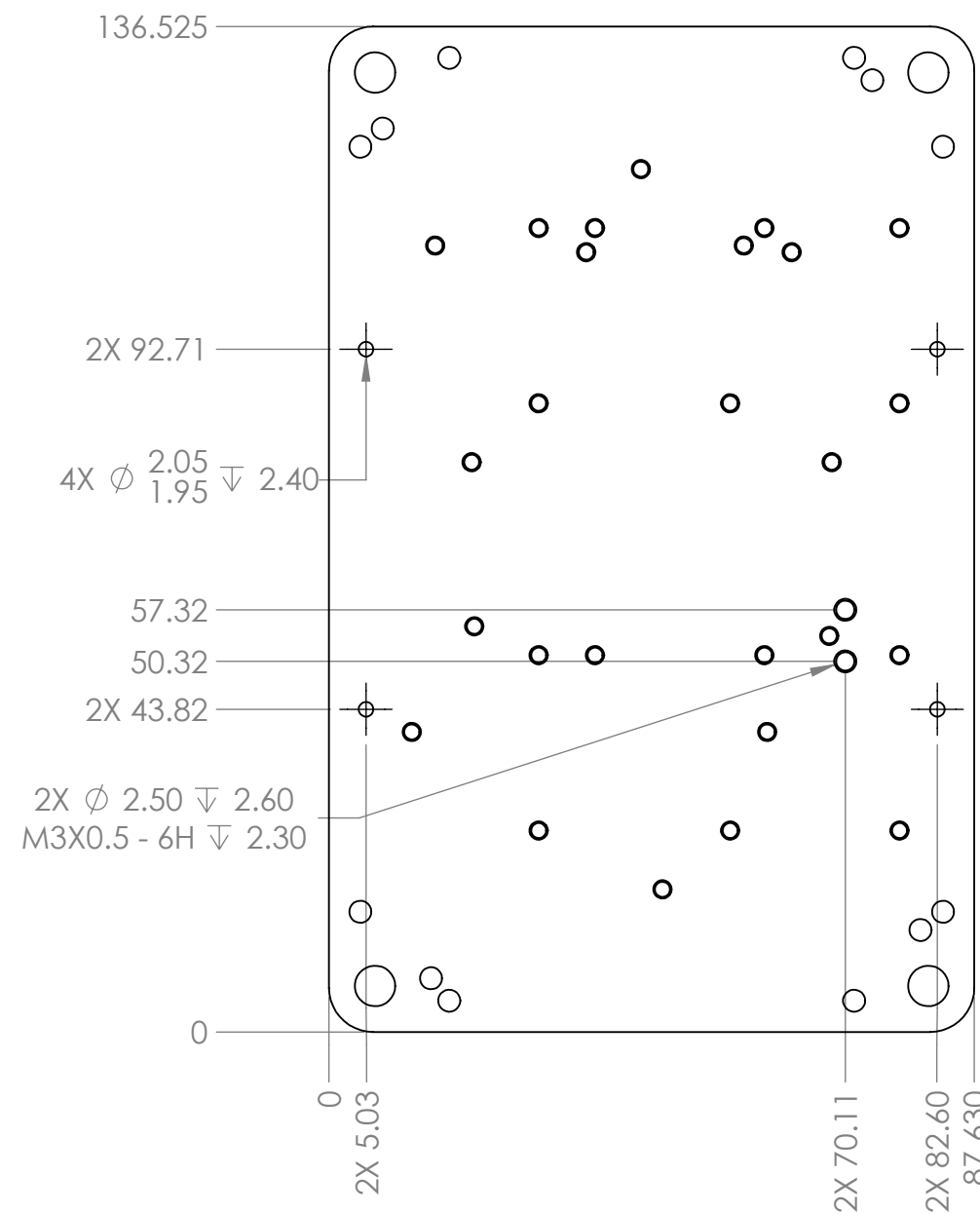
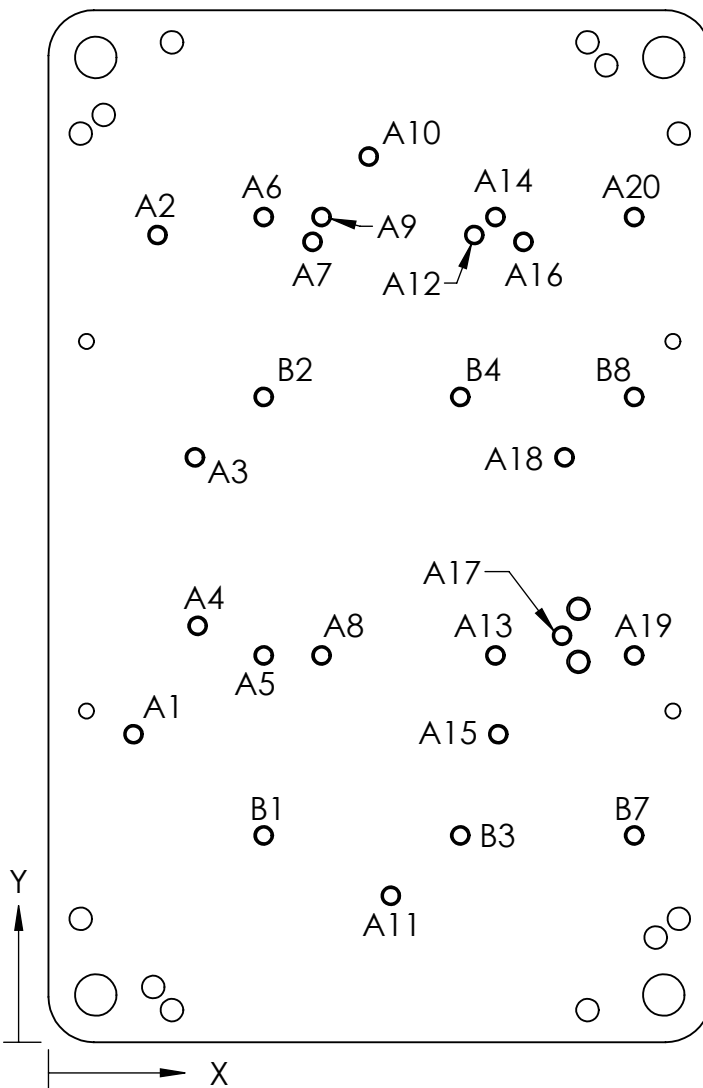
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TAG	X LOC	Y LOC	SIZE
A1	11.24	40.74	∅ 2.05 √ 2.80 M2.5X0.45 - 6H √ 2.50
A2	14.42	106.78	∅ 2.05 √ 2.80 M2.5X0.45 - 6H √ 2.50
A3	19.37	77.37	∅ 2.05 √ 2.80 M2.5X0.45 - 6H √ 2.50
A4	19.73	55.08	∅ 2.05 √ 2.80 M2.5X0.45 - 6H √ 2.50
A5	28.47	51.17	∅ 2.05 √ 2.80 M2.5X0.45 - 6H √ 2.50
A6	28.47	109.17	∅ 2.05 √ 2.80 M2.5X0.45 - 6H √ 2.50
A7	34.93	105.88	∅ 2.05 √ 2.80 M2.5X0.45 - 6H √ 2.50
A8	36.12	51.17	∅ 2.05 √ 2.80 M2.5X0.45 - 6H √ 2.50
A9	36.12	109.17	∅ 2.05 √ 2.80 M2.5X0.45 - 6H √ 2.50
A10	42.36	117.16	∅ 2.05 √ 2.80 M2.5X0.45 - 6H √ 2.50
A11	45.28	19.37	∅ 2.05 √ 2.80 M2.5X0.45 - 6H √ 2.50
A12	56.33	106.78	∅ 2.05 √ 2.80 M2.5X0.45 - 6H √ 2.50
A13	59.12	51.17	∅ 2.05 √ 2.80 M2.5X0.45 - 6H √ 2.50
A14	59.12	109.17	∅ 2.05 √ 2.80 M2.5X0.45 - 6H √ 2.50
A15	59.50	40.74	∅ 2.05 √ 2.80 M2.5X0.45 - 6H √ 2.50
A16	62.83	105.88	∅ 2.05 √ 2.80 M2.5X0.45 - 6H √ 2.50
A17	67.93	53.78	∅ 2.05 √ 2.80 M2.5X0.45 - 6H √ 2.50
A18	68.26	77.37	∅ 2.05 √ 2.80 M2.5X0.45 - 6H √ 2.50
A19	77.47	51.17	∅ 2.05 √ 2.80 M2.5X0.45 - 6H √ 2.50
A20	77.47	109.17	∅ 2.05 √ 2.80 M2.5X0.45 - 6H √ 2.50
B1	28.47	27.35	∅ 2.05 √ 2.80 M2.5X0.45 - 6H √ 2.35
B2	28.47	85.36	∅ 2.05 √ 2.80 M2.5X0.45 - 6H √ 2.35
B3	54.48	27.35	∅ 2.05 √ 2.80 M2.5X0.45 - 6H √ 2.35
B4	54.48	85.36	∅ 2.05 √ 2.80 M2.5X0.45 - 6H √ 2.35
B7	77.48	27.35	∅ 2.05 √ 2.80 M2.5X0.45 - 6H √ 2.35
B8	77.48	85.36	∅ 2.05 √ 2.80 M2.5X0.45 - 6H √ 2.35

OBSOLETE

NOTE: ALL HOLES ON THIS SHEET ARE BLIND HOLES



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UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: Base Plate Mini
DIMENSIONS ARE IN MILLIMETERS		DRAWN	T.REED 8/24/17	
TOLERANCES: TWO PLACE DECIMAL ±0.25 THREE PLACE DECIMAL ±0.125		CHECKED		
INTERPRET GEOMETRIC TOLERANCING PER:ASME Y14.5-2009		ENG APPR.		
MATERIAL	ALUMINUM	MFG APPR.		SIZE DWG. NO. REV B 10-104 H
FINISH	CLEAR ANODIZE	Q.A.		
DO NOT SCALE DRAWING		COMMENTS: TOOL MARKS SHOULD NOT BE VISIBLE		
SCALE: 1:1		SHEET 2 OF 2		

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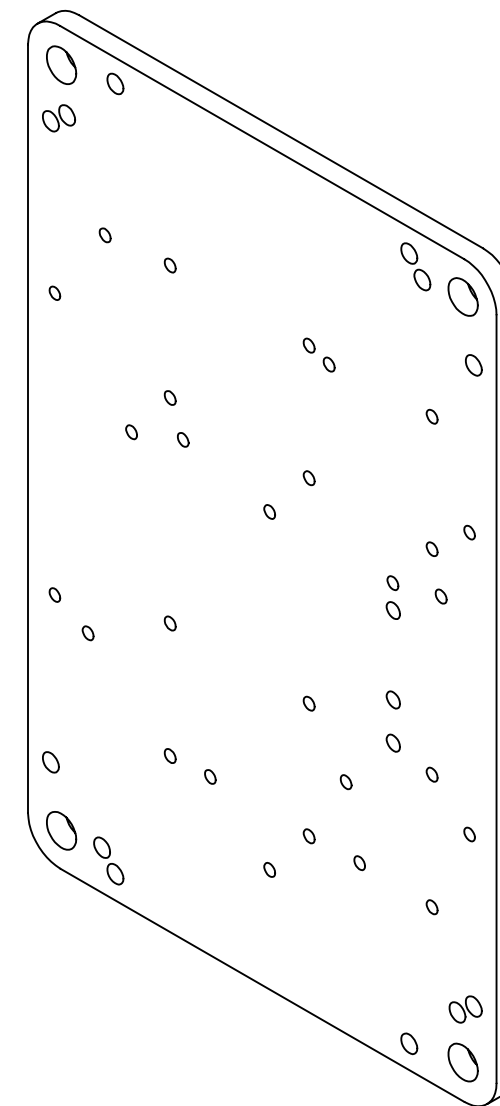
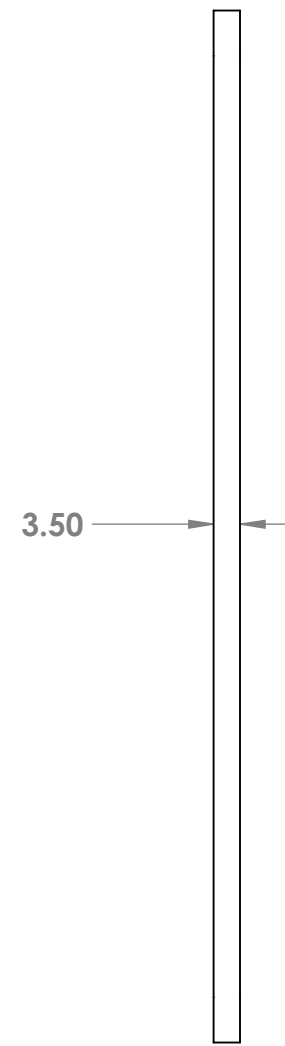
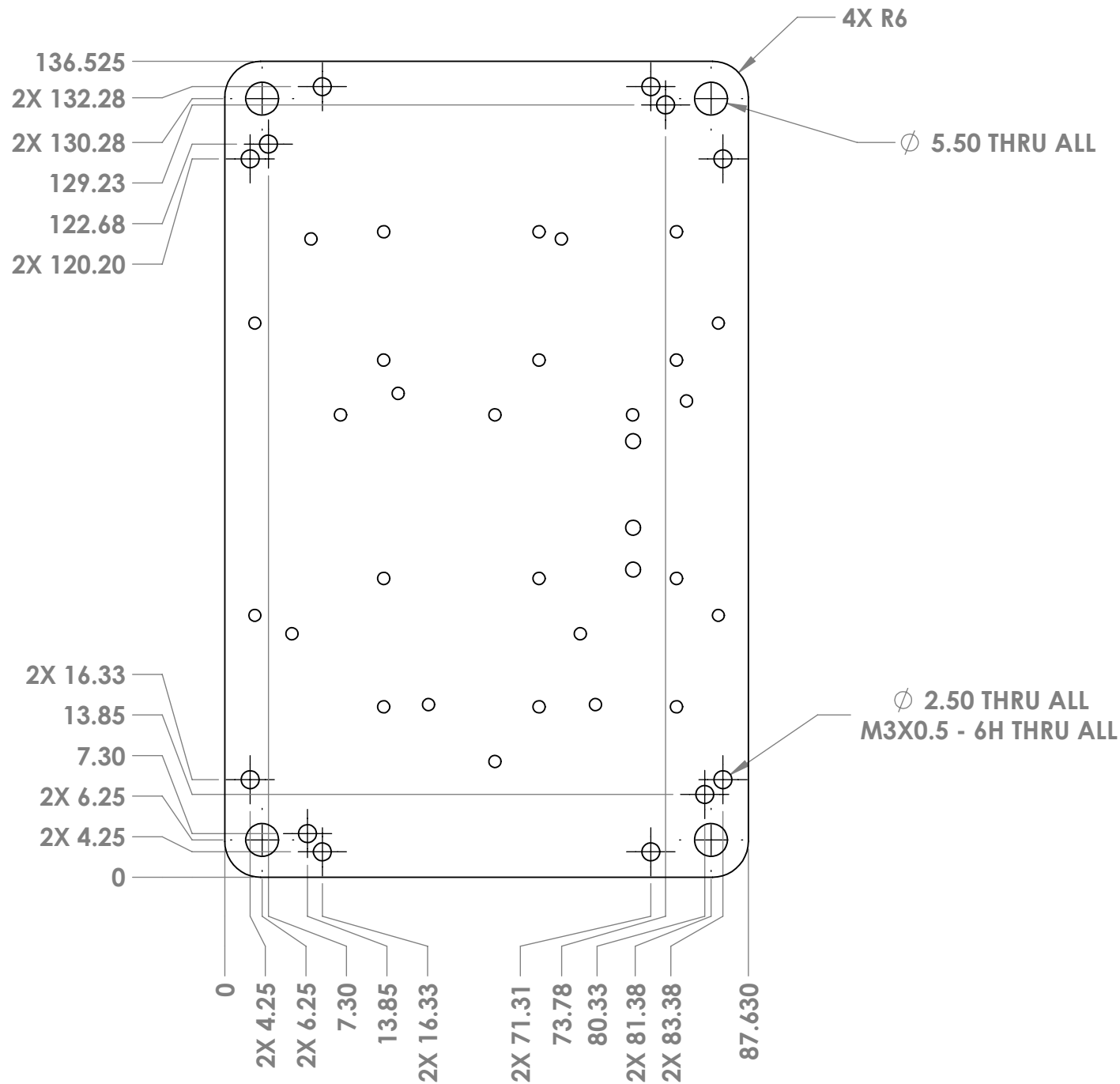
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CURRENT



**HOLES SHOULD BE MASKED BEFORE ANODIZING
OR PLATE SHOULD BE TAPPED AFTER ANODIZING.
NO ANODIZING INSIDE THREADED HOLES.**

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UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE: Base Plate Mini	
DIMENSIONS ARE IN MILLIMETERS		DRAWN	T.REED		12/08/17
TOLERANCES: TWO PLACE DECIMAL ±0.25 THREE PLACE DECIMAL ±0.125		CHECKED			
		ENG APPR.			
		MFG APPR.			
INTERPRET GEOMETRIC TOLERANCING PER:ASME Y14.5-2009		Q.A.			
MATERIAL ALUMINUM 6061		COMMENTS: TOOL MARKS SHOULD NOT BE VISIBLE		SIZE B	
FINISH PANTONE 7U ANODIZE				DWG. NO. 10-104	
DO NOT SCALE DRAWING				REV L	
		SCALE: 1:1		SHEET 1 OF 2	

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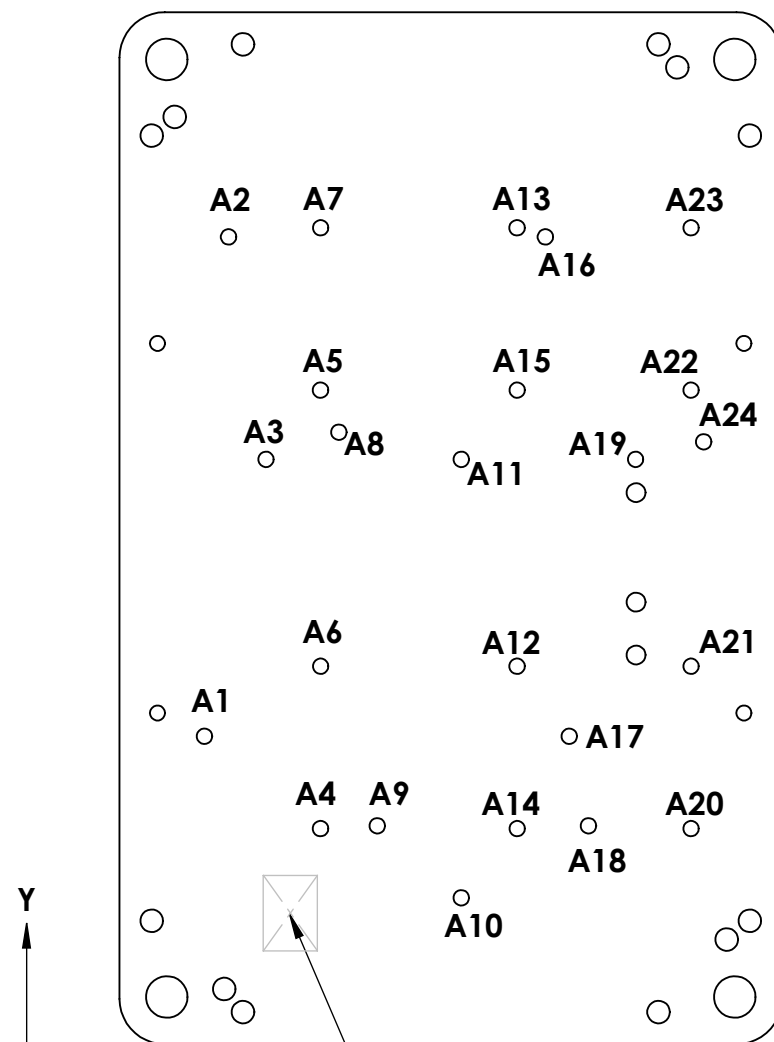
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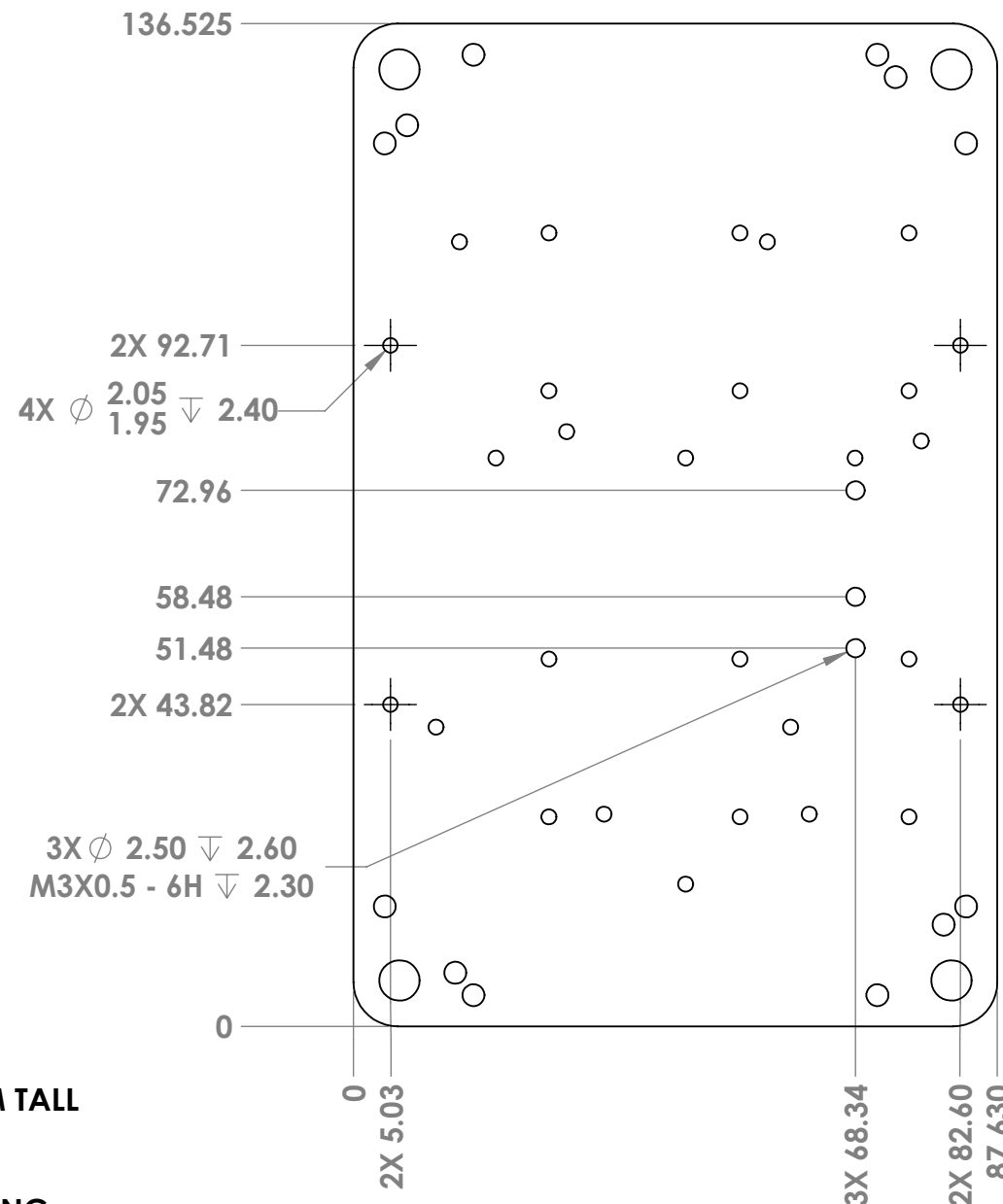
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A3	19.37	77.37	Ø 2.05 ▾ 2.80 M2.5X0.45 - 6H ▾ 2.50
A4	26.59	28.52	Ø 2.05 ▾ 2.80 M2.5X0.45 - 6H ▾ 2.50
A5	26.59	86.53	Ø 2.05 ▾ 2.80 M2.5X0.45 - 6H ▾ 2.50
A6	26.60	50	Ø 2.05 ▾ 2.80 M2.5X0.45 - 6H ▾ 2.50
A7	26.60	108	Ø 2.05 ▾ 2.80 M2.5X0.45 - 6H ▾ 2.50
A8	29.02	80.96	Ø 2.05 ▾ 2.80 M2.5X0.45 - 6H ▾ 2.50
A9	34.10	28.89	Ø 2.05 ▾ 2.80 M2.5X0.45 - 6H ▾ 2.50
A10	45.21	19.37	Ø 2.05 ▾ 2.80 M2.5X0.45 - 6H ▾ 2.50
A11	45.21	77.37	Ø 2.05 ▾ 2.80 M2.5X0.45 - 6H ▾ 2.50
A12	52.59	50	Ø 2.05 ▾ 2.80 M2.5X0.45 - 6H ▾ 2.50
A13	52.59	108	Ø 2.05 ▾ 2.80 M2.5X0.45 - 6H ▾ 2.50
A14	52.60	28.52	Ø 2.05 ▾ 2.80 M2.5X0.45 - 6H ▾ 2.50
A15	52.60	86.53	Ø 2.05 ▾ 2.80 M2.5X0.45 - 6H ▾ 2.50
A16	56.33	106.80	Ø 2.05 ▾ 2.80 M2.5X0.45 - 6H ▾ 2.50
A17	59.50	40.74	Ø 2.05 ▾ 2.80 M2.5X0.45 - 6H ▾ 2.50
A18	62.04	28.89	Ø 2.05 ▾ 2.80 M2.5X0.45 - 6H ▾ 2.50
A19	68.26	77.37	Ø 2.05 ▾ 2.80 M2.5X0.45 - 6H ▾ 2.50
A20	75.60	28.52	Ø 2.05 ▾ 2.80 M2.5X0.45 - 6H ▾ 2.50
A21	75.60	50	Ø 2.05 ▾ 2.80 M2.5X0.45 - 6H ▾ 2.50
A22	75.60	86.53	Ø 2.05 ▾ 2.80 M2.5X0.45 - 6H ▾ 2.50
A23	75.60	108	Ø 2.05 ▾ 2.80 M2.5X0.45 - 6H ▾ 2.50
A24	77.28	79.69	Ø 2.05 ▾ 2.80 M2.5X0.45 - 6H ▾ 2.50

CURRENT
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ENGRAVE LETTER 'L' 10MM TALL

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MATERIAL	COMMENTS:	TOOL MARKS SHOULD NOT BE VISIBLE
ALUMINUM 6061		
FINISH		
PANTONE 7U ANODIZE		
DO NOT SCALE DRAWING		

TITLE:		
Base Plate Mini		
SIZE	DWG. NO.	REV
B	10-104	L
SCALE: 1:1	SHEET 2 OF 2	

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