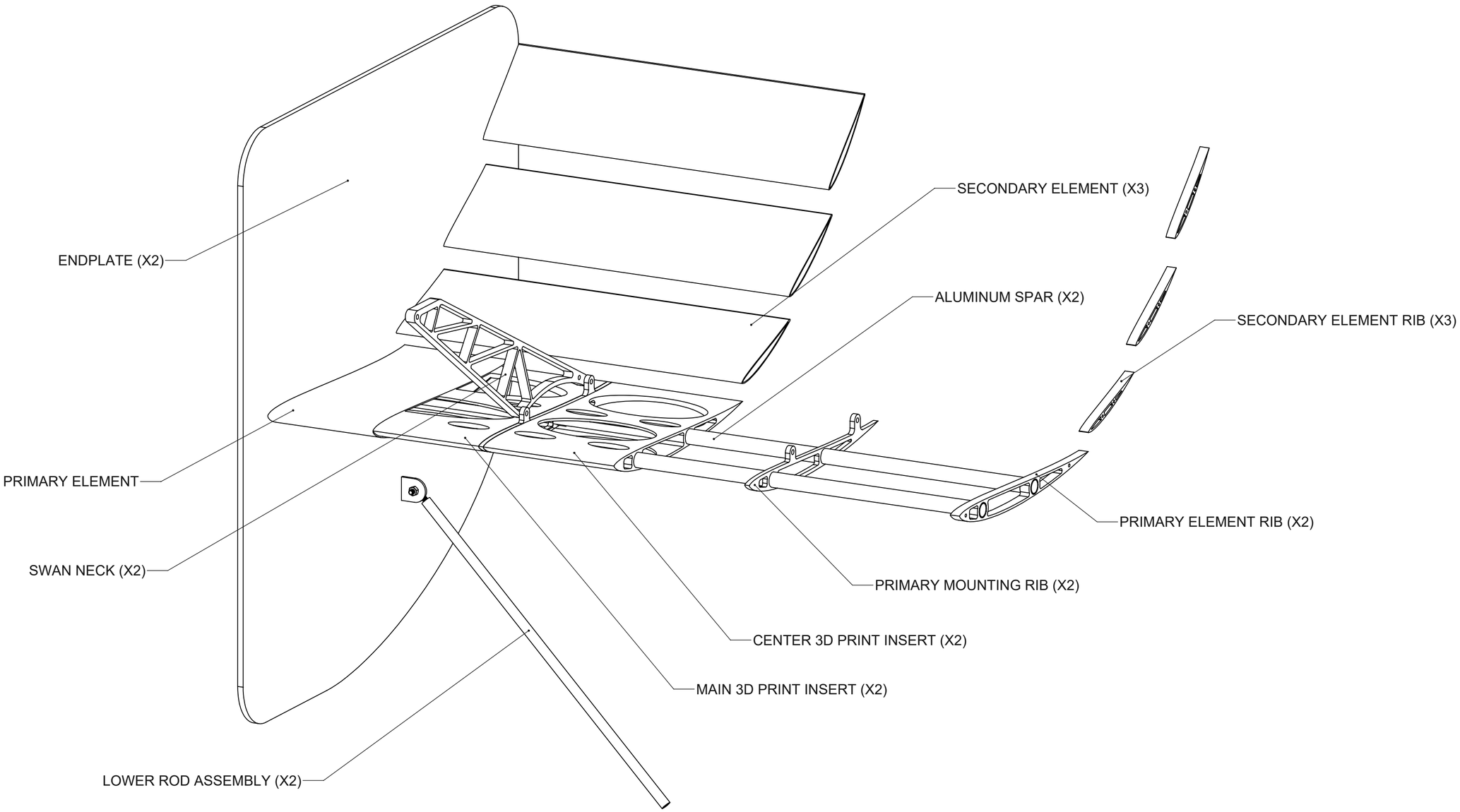


COMMENTS:

Drawing hides some parts to show rear wing skeleton
All airfoils are E64
Second, third, and fourth wings have Secondary Element geometries

MATERIAL:

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NOTES: BREAK ALL SHARP EDGES

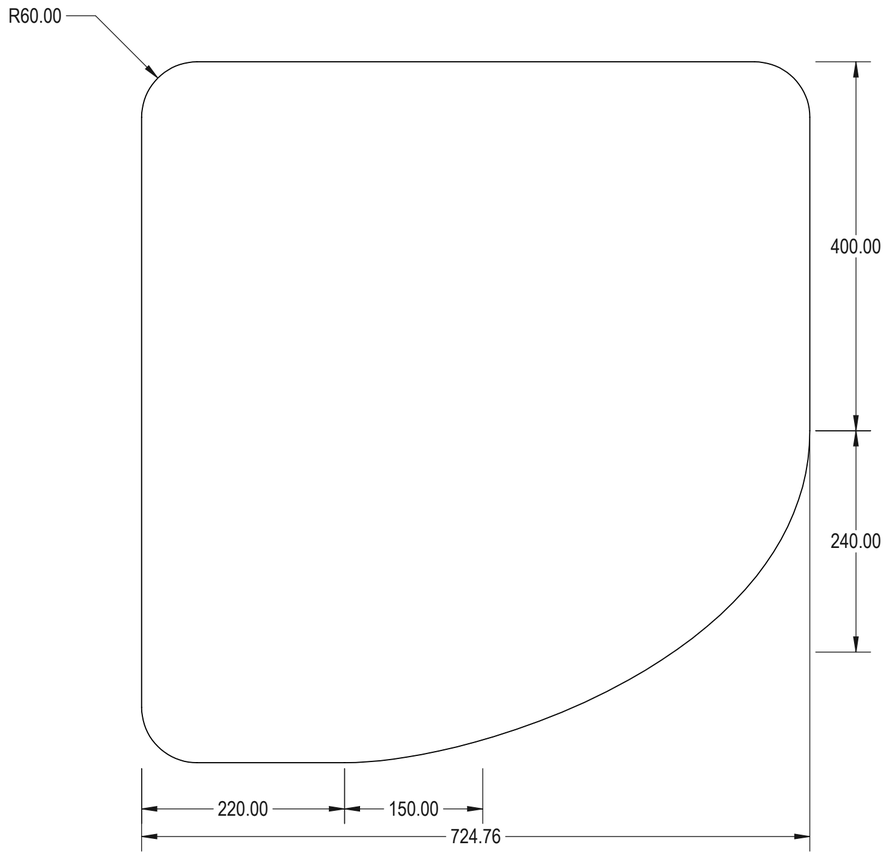
TOLERANCES UNLESS OTHERWISE NOTED
DECIMAL .X = ±.5, .XX = ±.25, .XXX = ±.125, ANGLES = ±.5°
MACHINED SURFACE FINISH 125 RMS MAX

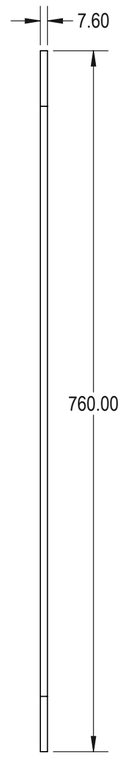
ALL DIMENSIONS ARE MILLIMETERS

SECTION: Aerodynamics		BULLDOG MOTORSPORTS, MISSISSIPPI STATE UNIVERSITY
L1 ASSEMBLY	L1ASSY REV	
DRAWN BY: CARLOS MEDINA	DATE: 3/19/2026	PART NAME: 2026 Rear Wing
SECTION LEAD APPROVAL	DATE	SIZE: C / SCALE: 1:10 / SHEET: 1 OF 1
TEAM LEAD APPROVAL	DATE	PART NUMBER / REV

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DATE PRINTED: 3/19/2026 FILE LOCATION:

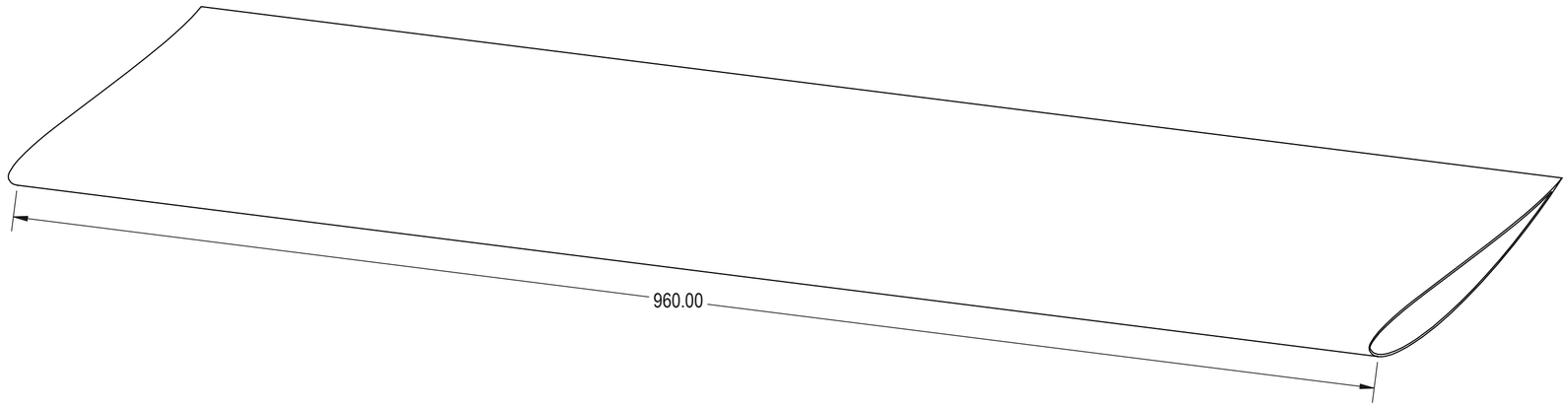




COMMENTS: Spline Sketch is shown Layuped Up Carbon with Nomex Core	THIS DRAWING OR THE INFORMATION CONTAINED HEREIN MAY NOT BE REPRODUCED WITHOUT PERMISSION FROM BULLDOG MOTORSPORTS ENGINEERING	SECTION: Aerodynamics	BULLDOG MOTORSPORTS MISSISSIPPI STATE UNIVERSITY	
	NOTES: BREAK ALL SHARP EDGES	L1 ASSEMBLY	L1ASSY REV	
MATERIAL:	TOLERANCES UNLESS OTHERWISE NOTED DECIMAL .X =±.5, .XX =±.25, .XXX =±.125, ANGLES =±.5° MACHINED SURFACE FINISH 125 RMS MAX ALL DIMENSIONS ARE MILLIMETERS	DRAWN BY: CARLOS MEDINA	DATE: 3/16/2026	PART NAME: Endplate
		SECTION LEAD APPROVAL	DATE	SIZE: C / SCALE: 1:10 / SHEET: 1 OF 1
		TEAM LEAD APPROVAL	DATE	PART NUMBER / REV

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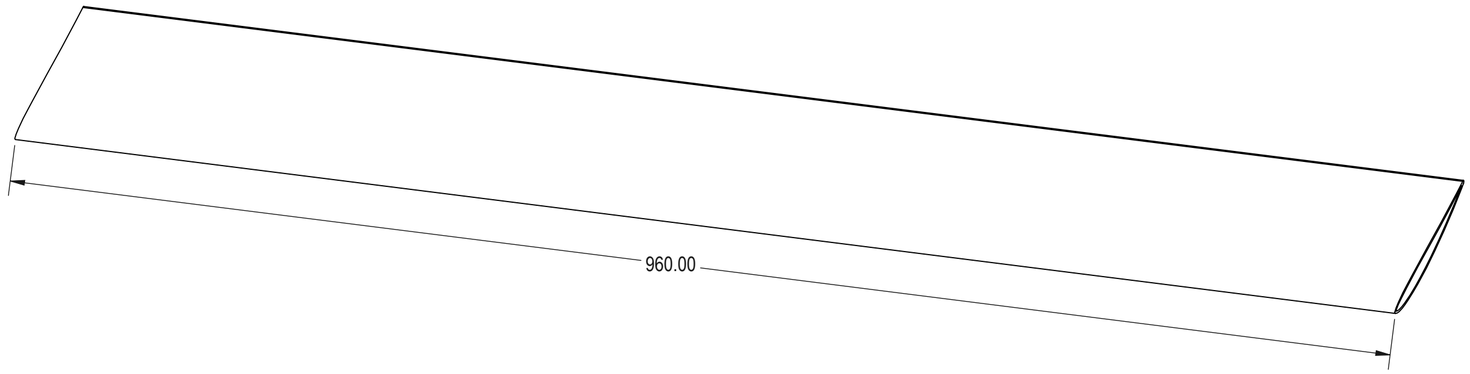
DATE PRINTED: 3/16/2026 FILE LOCATION:



COMMENTS: E64 Airfoil Chord Length - 360	THIS DRAWING OR THE INFORMATION CONTAINED HEREIN MAY NOT BE REPRODUCED WITHOUT PERMISSION FROM BULLDOG MOTORSPORTS ENGINEERING	SECTION: Aerodynamics	BULLDOG MOTORSPORTS MISSISSIPPI STATE UNIVERSITY
MATERIAL:	NOTES: BREAK ALL SHARP EDGES	L1 ASSEMBLY / L1ASSY REV	
	TOLERANCES UNLESS OTHERWISE NOTED DECIMAL .X =±.5, .XX =±.25, .XXX =±.125, ANGLES =±.5° MACHINED SURFACE FINISH 125 RMS MAX ALL DIMENSIONS ARE MILLIMETERS	DRAWN BY: CARLOS MEDINA / DATE: 3/16/2026	PART NAME: Primary Element
		SECTION LEAD APPROVAL / DATE	SIZE: C / SCALE: 1:5 / SHEET: 1 OF 1
		TEAM LEAD APPROVAL / DATE	PART NUMBER / REV

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DATE PRINTED: 3/16/2026 FILE LOCATION:



COMMENTS:

E64 Airfoil
Chord Length - 150

MATERIAL:

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NOTES: BREAK ALL SHARP EDGES

TOLERANCES UNLESS OTHERWISE NOTED
DECIMAL .X =±.5, .XX =±.25, .XXX =±.125, ANGLES =±.5°

MACHINED SURFACE FINISH 125 RMS MAX

ALL DIMENSIONS ARE MILLIMETERS

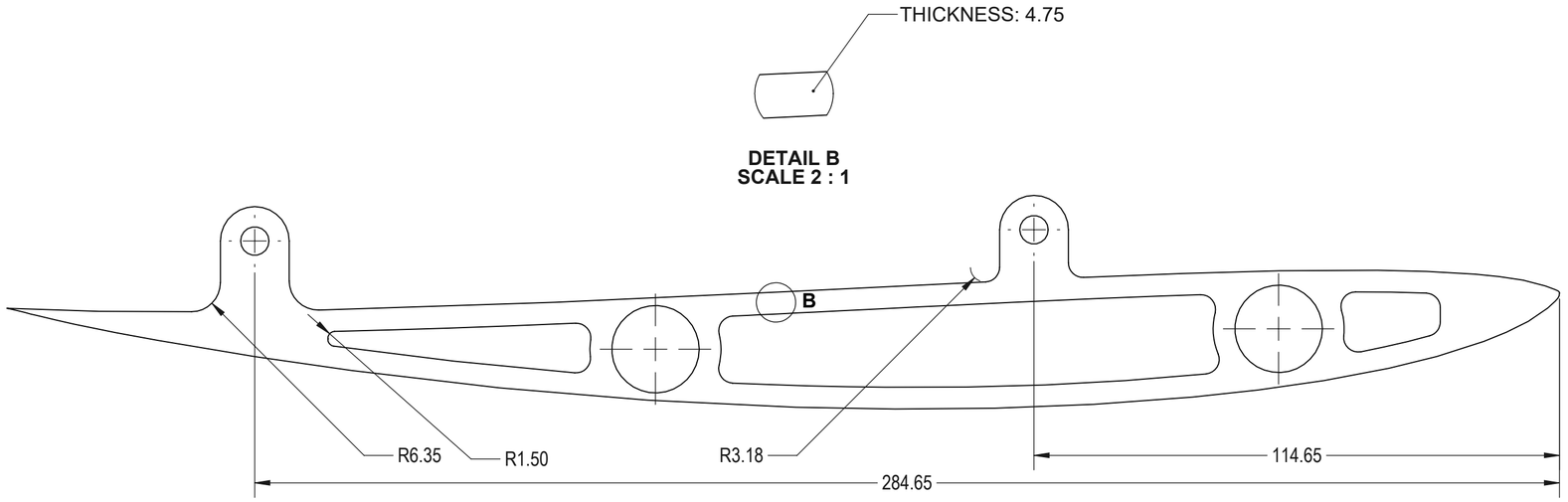
SECTION: Aerodynamics	
L1 ASSEMBLY	L1ASSY REV
DRAWN BY: CARLOS MEDINA	DATE: 3/16/2026
SECTION LEAD APPROVAL	DATE
TEAM LEAD APPROVAL	DATE

BULLDOG MOTORSPORTS
MISSISSIPPI STATE UNIVERSITY

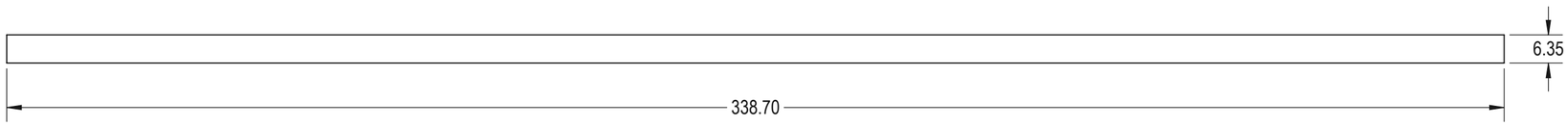
PART NAME: Secondary Element		
SIZE: C	SCALE: 1:5	SHEET: 1 OF 1
PART NUMBER		REV

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DATE PRINTED: 3/16/2026 FILE LOCATION:



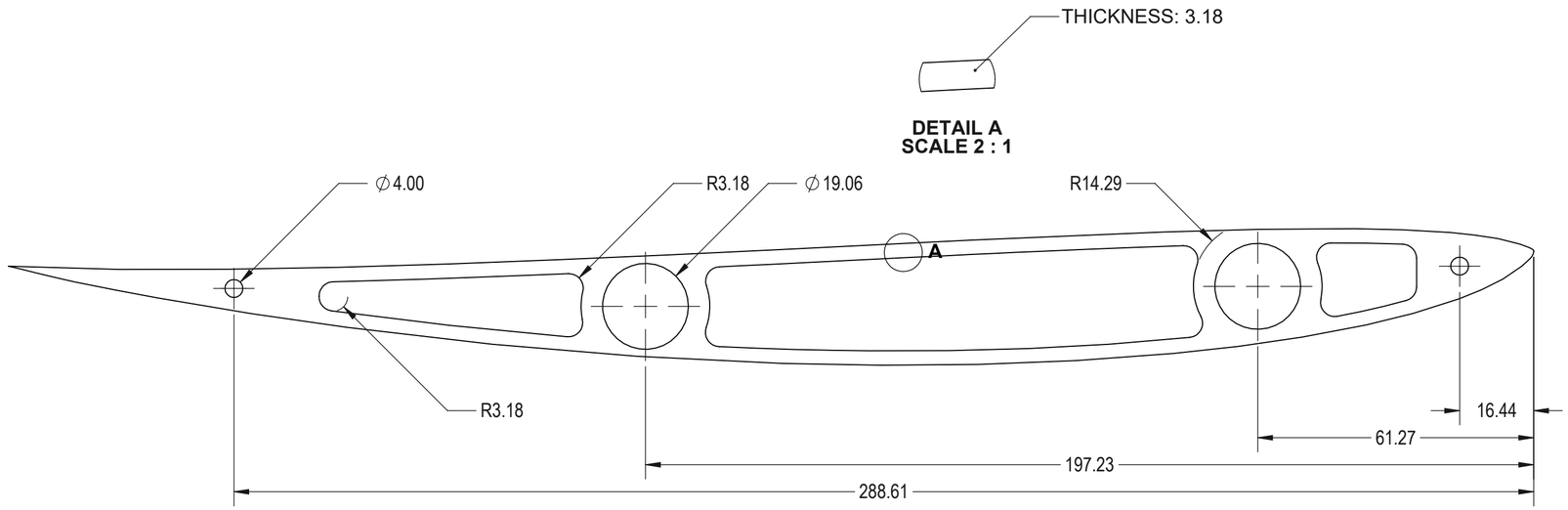
DETAIL B
SCALE 2 : 1

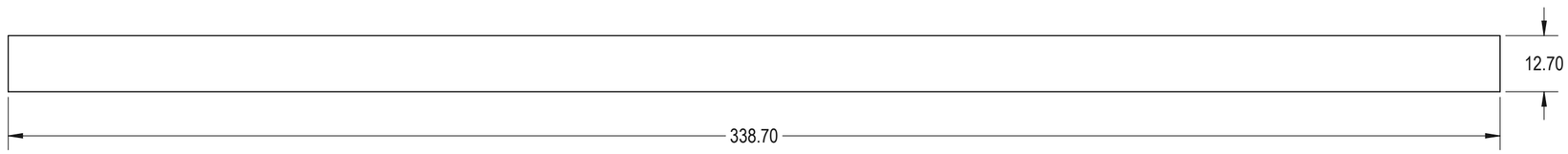


COMMENTS:	THIS DRAWING OR THE INFORMATION CONTAINED HEREIN MAY NOT BE REPRODUCED WITHOUT PERMISSION FROM BULLDOG MOTORSPORTS ENGINEERING	SECTION: Aerodynamics	BULLDOG MOTORSPORTS MISSISSIPPI STATE UNIVERSITY	
	NOTES: BREAK ALL SHARP EDGES	L1 ASSEMBLY	L1ASSY REV	
MATERIAL:	TOLERANCES UNLESS OTHERWISE NOTED DECIMAL .X =±.5, .XX =±.25, .XXX =±.125, ANGLES =±.5° MACHINED SURFACE FINISH 125 RMS MAX ALL DIMENSIONS ARE MILLIMETERS	DRAWN BY: CARLOS MEDINA	DATE: 3/16/2026	PART NAME: Primary Mounting Rib
		SECTION LEAD APPROVAL	DATE	SIZE: C / SCALE: 1:2 / SHEET: 1 OF 1
		TEAM LEAD APPROVAL	DATE	PART NUMBER / REV

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DATE PRINTED: 3/16/2026 FILE LOCATION:

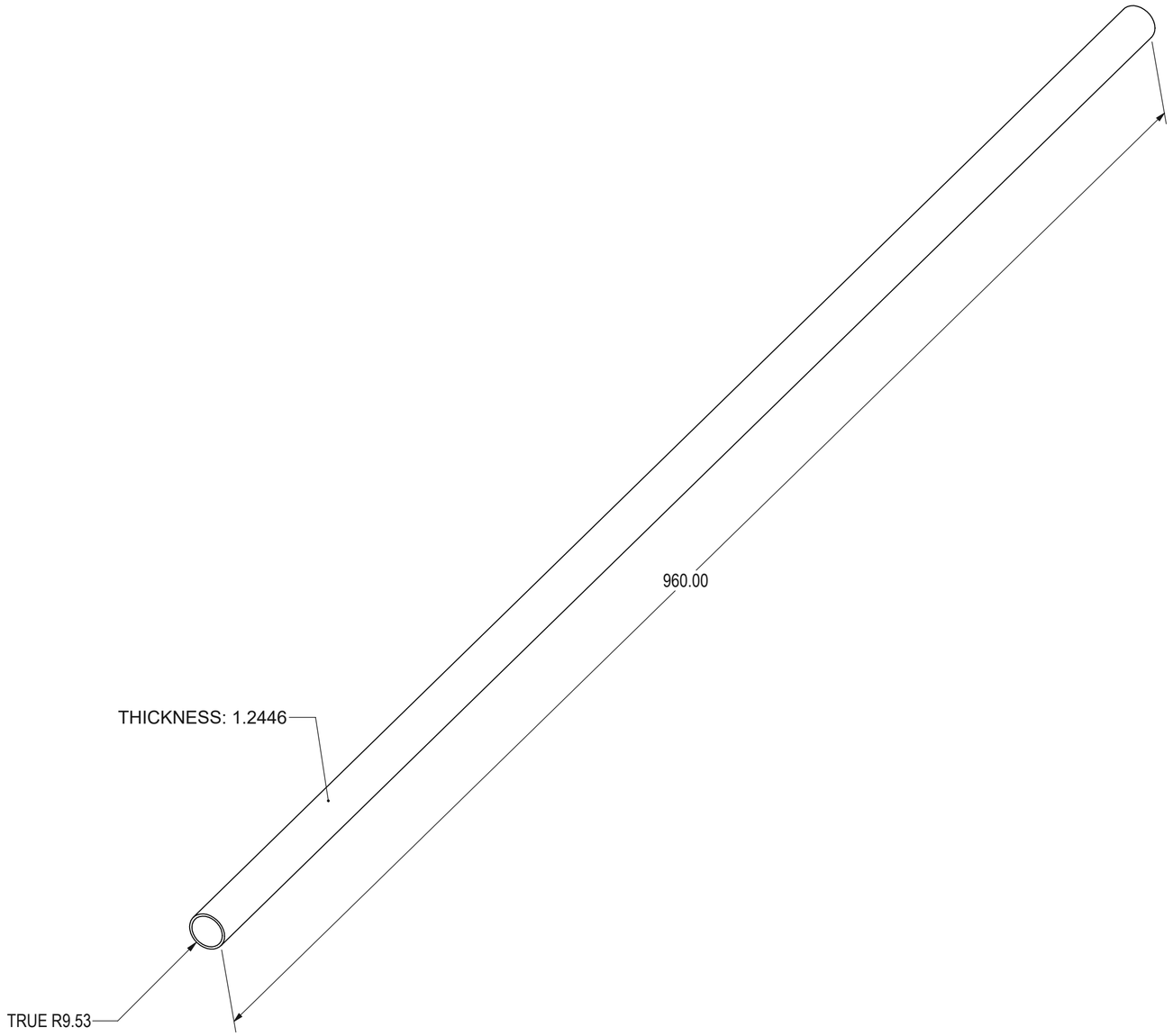




COMMENTS:	THIS DRAWING OR THE INFORMATION CONTAINED HEREIN MAY NOT BE REPRODUCED WITHOUT PERMISSION FROM BULLDOG MOTORSPORTS ENGINEERING	SECTION: Aerodynamics	BULLDOG MOTORSPORTS MISSISSIPPI STATE UNIVERSITY	
	NOTES: BREAK ALL SHARP EDGES	L1 ASSEMBLY	L1ASSY REV	
MATERIAL:	TOLERANCES UNLESS OTHERWISE NOTED DECIMAL .X =±.5, .XX =±.25, .XXX =±.125, ANGLES =±.5° MACHINED SURFACE FINISH 125 RMS MAX ALL DIMENSIONS ARE MILLIMETERS	DRAWN BY: CARLOS MEDINA	DATE: 3/16/2026	PART NAME: Primary Rib
		SECTION LEAD APPROVAL	DATE	SIZE: C / SCALE: 1:2 / SHEET: 1 OF 1
		TEAM LEAD APPROVAL	DATE	PART NUMBER / REV

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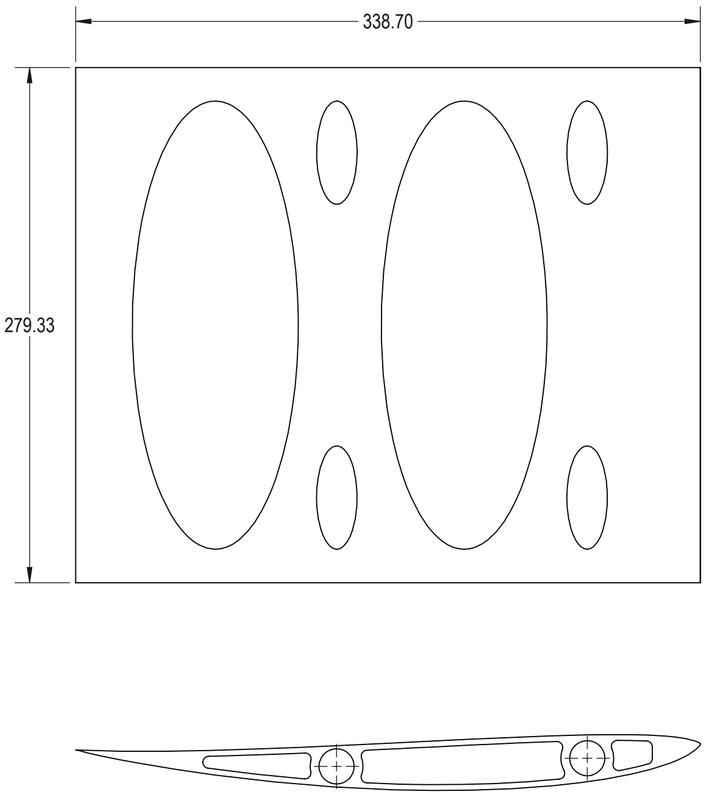
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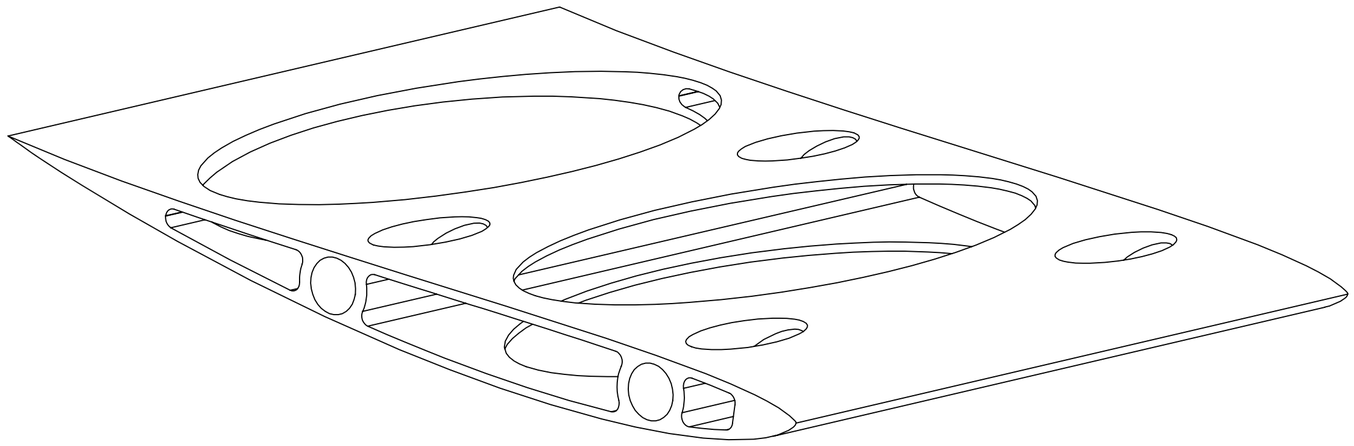


COMMENTS:	THIS DRAWING OR THE INFORMATION CONTAINED HEREIN MAY NOT BE REPRODUCED WITHOUT PERMISSION FROM BULLDOG MOTORSPORTS ENGINEERING	SECTION: Aerodynamics	BULLDOG MOTORSPORTS — MISSISSIPPI STATE UNIVERSITY
	NOTES: BREAK ALL SHARP EDGES	L1 ASSEMBLY	L1ASSY REV
MATERIAL:	TOLERANCES UNLESS OTHERWISE NOTED DECIMAL .X =±.5, .XX =±.25, .XXX =±.125, ANGLES =±.5° MACHINED SURFACE FINISH 125 RMS MAX ALL DIMENSIONS ARE MILLIMETERS	DRAWN BY: CARLOS MEDINA	DATE: 3/16/2026 — PART NAME: Aluminum Spar
		SECTION LEAD APPROVAL	DATE — SIZE: C — SCALE: 1:5 — SHEET: 1 OF 1
		TEAM LEAD APPROVAL	DATE — PART NUMBER — REV

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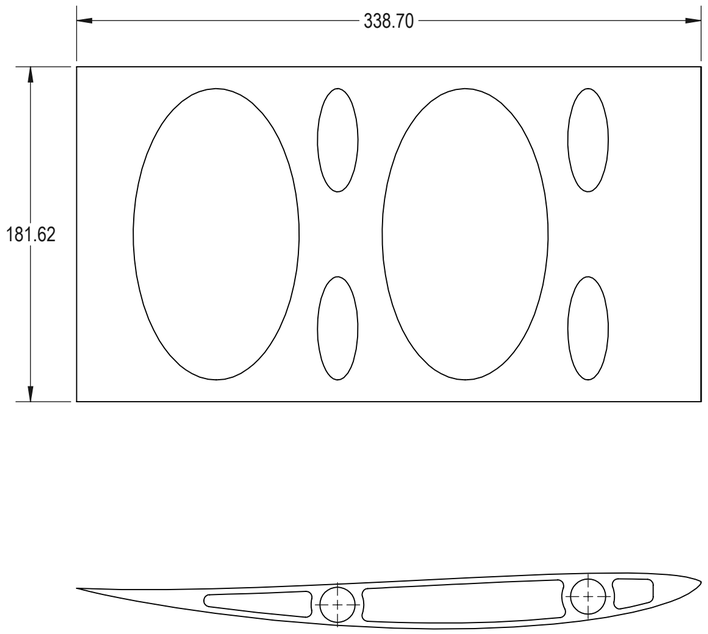


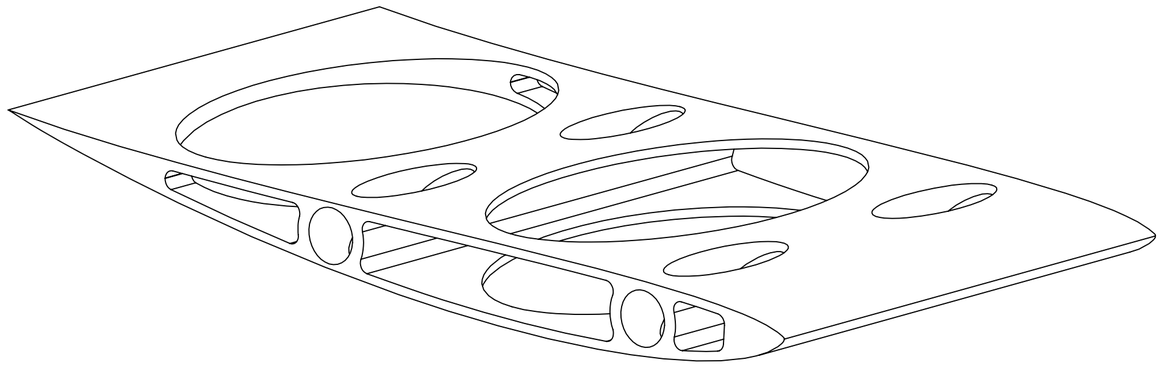


COMMENTS:	THIS DRAWING OR THE INFORMATION CONTAINED HEREIN MAY NOT BE REPRODUCED WITHOUT PERMISSION FROM BULLDOG MOTORSPORTS ENGINEERING	SECTION: Aerodynamics	BULLDOG MOTORSPORTS, MISSISSIPPI STATE UNIVERSITY
	NOTES: BREAK ALL SHARP EDGES	L1 ASSEMBLY / L1ASSY REV	
MATERIAL:	TOLERANCES UNLESS OTHERWISE NOTED DECIMAL .X =±.5, .XX =±.25, .XXX =±.125, ANGLES =±.5° MACHINED SURFACE FINISH 125 RMS MAX ALL DIMENSIONS ARE MILLIMETERS	DRAWN BY: CARLOS MEDINA / DATE: 3/19/2026	PART NAME: Main 3D Print Insert
		SECTION LEAD APPROVAL / DATE	SIZE: C / SCALE: 1:5 / SHEET: 1 OF 1
		TEAM LEAD APPROVAL / DATE	PART NUMBER / REV

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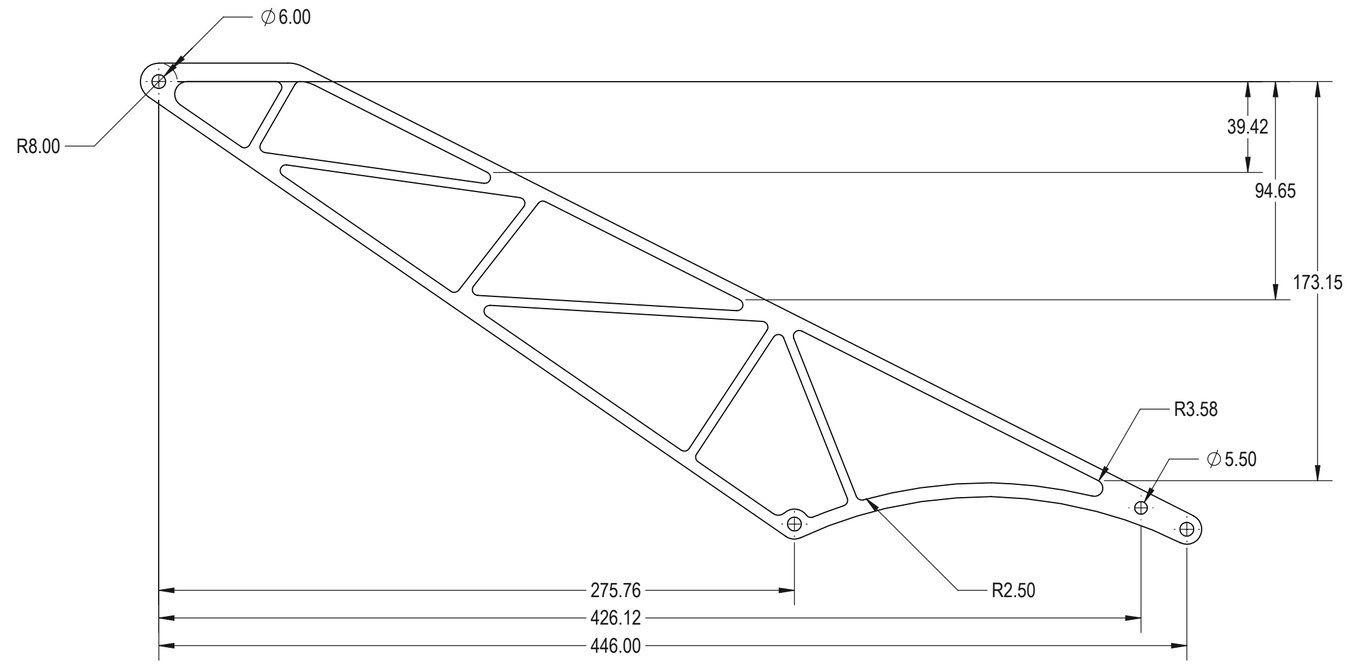


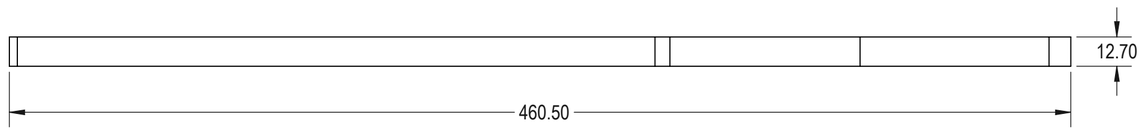


COMMENTS:	THIS DRAWING OR THE INFORMATION CONTAINED HEREIN MAY NOT BE REPRODUCED WITHOUT PERMISSION FROM BULLDOG MOTORSPORTS ENGINEERING	SECTION: Aerodynamics	BULLDOG MOTORSPORTS, MISSISSIPPI STATE UNIVERSITY
	NOTES: BREAK ALL SHARP EDGES	L1 ASSEMBLY	L1ASSY REV
MATERIAL:	TOLERANCES UNLESS OTHERWISE NOTED DECIMAL .X =±.5, .XX =±.25, .XXX =±.125, ANGLES =±.5° MACHINED SURFACE FINISH 125 RMS MAX ALL DIMENSIONS ARE MILLIMETERS	DRAWN BY: CARLOS MEDINA	DATE: 3/20/2026
		SECTION LEAD APPROVAL	DATE
		TEAM LEAD APPROVAL	DATE
		PART NAME: Center 3D Print Insert	
		SIZE: C	SCALE: 1:2
		PART NUMBER	REV
			SHEET: 1 OF 1

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DATE PRINTED: 3/20/2026 FILE LOCATION:





COMMENTS:

Piece was waterjet

MATERIAL:

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NOTES: BREAK ALL SHARP EDGES

TOLERANCES UNLESS OTHERWISE NOTED

DECIMAL .X =±.5, .XX =±.25, .XXX =±.125, ANGLES =±.5°

MACHINED SURFACE FINISH 125 RMS MAX

ALL DIMENSIONS ARE MILLIMETERS

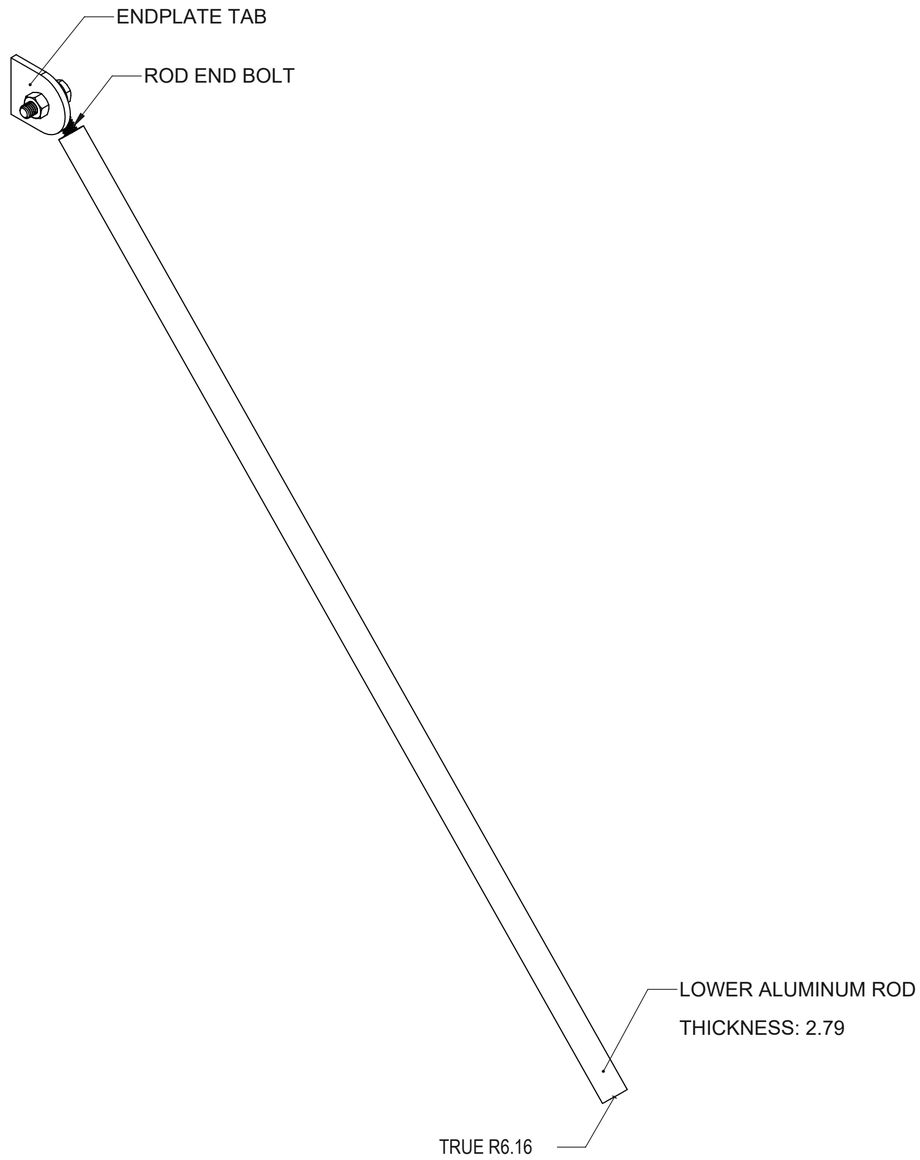
SECTION: Aerodynamics		
L1 ASSEMBLY	L1ASSY REV	
DRAWN BY: CARLOS MEDINA	DATE: 3/16/2026	
SECTION LEAD APPROVAL	DATE	
TEAM LEAD APPROVAL	DATE	

BULLDOG MOTORSPORTS
MISSISSIPPI STATE UNIVERSITY

PART NAME: Swan Neck		
SIZE: C	SCALE: 1:5	SHEET: 1 OF 1
PART NUMBER		REV

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	NOTES: BREAK ALL SHARP EDGES	L1 ASSEMBLY	L1ASSY REV	
MATERIAL:	TOLERANCES UNLESS OTHERWISE NOTED DECIMAL .X =±.5 .XX =±.25 .XXX =±.125 ANGLES =±.5° MACHINED SURFACE FINISH 125 RMS MAX ALL DIMENSIONS ARE MILLIMETERS	DRAWN BY: CARLOS MEDINA	DATE: 3/16/2026	PART NAME: Endplate Lower Rod Assembly
		SECTION LEAD APPROVAL	DATE	SIZE: C / SCALE: 1:2 / SHEET: 1 OF 1
		TEAM LEAD APPROVAL	DATE	PART NUMBER / REV

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