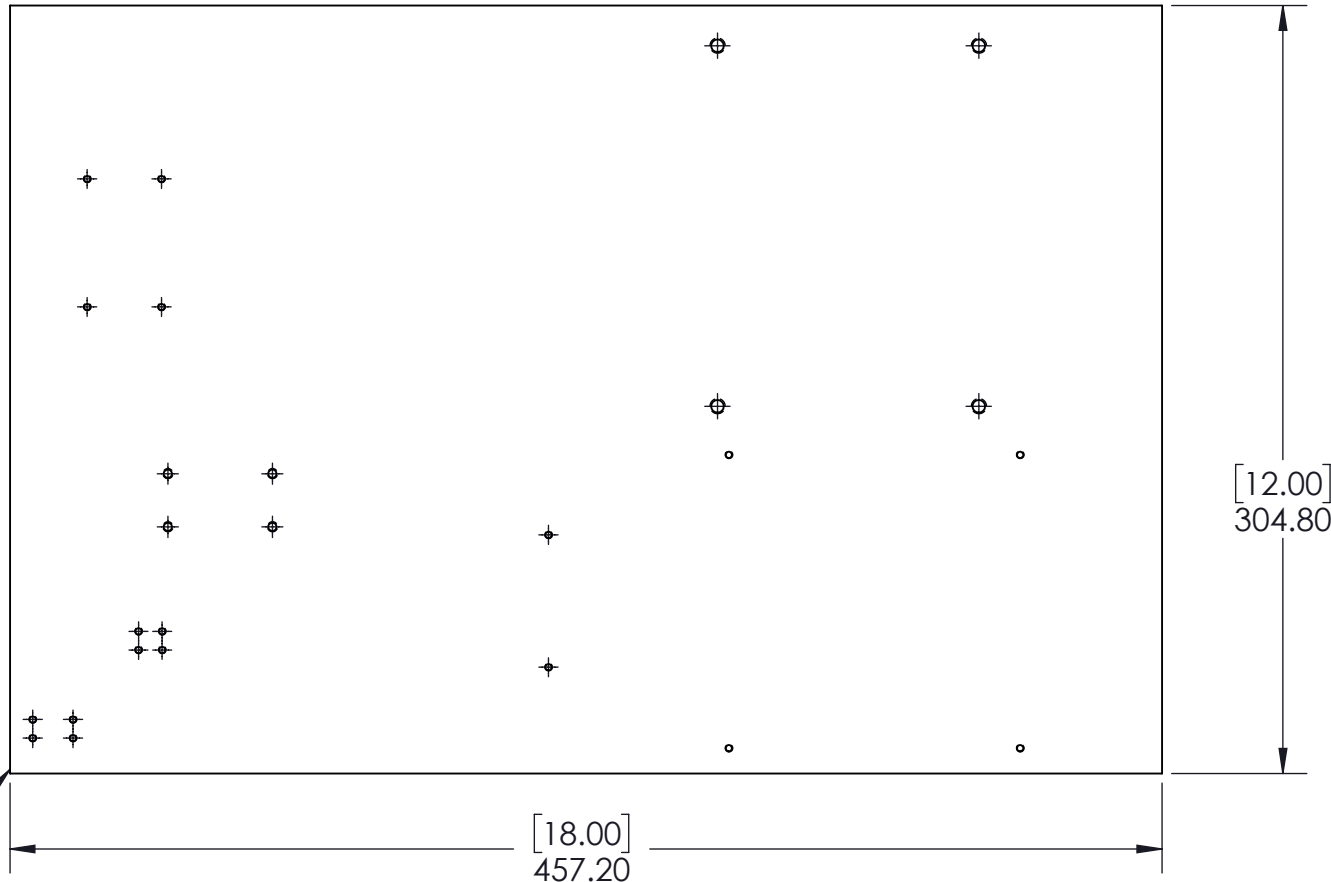
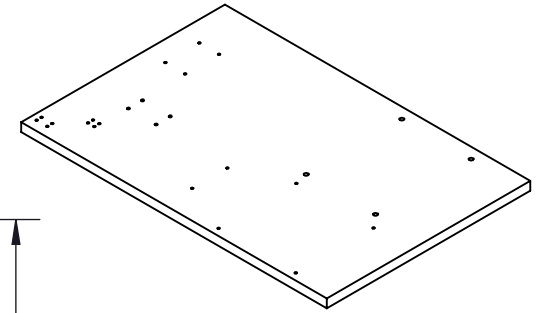


All threads are of standard pitch:
M3 x 0.5 mm
M4 x 0.7 mm
M6 x 1.0 mm



Notes:

1/2" x 12" x 18"
Aluminum Sheet
Supplied

Chamfer sheet edges
to remove burrs

Dalhousie University

PROJECT:

RSS CAPSTONE

DRAWING:

M31_BASE

B00#:

SURFACE
1.6 / μm

UNLESS OTHERWISE NOTED:

UNITS: mm
X.XX +/- .10
X.X +/- .20
X +/- .50

UNITS: in
X.XXX +/- .005
X.XX +/- .01
X.X +/- .02

ANGLES
+/- 0.5°

DWN BY:

TEAM #23

MATERIAL:

Aluminum

QTY: 1

DATE: 2022/03/18

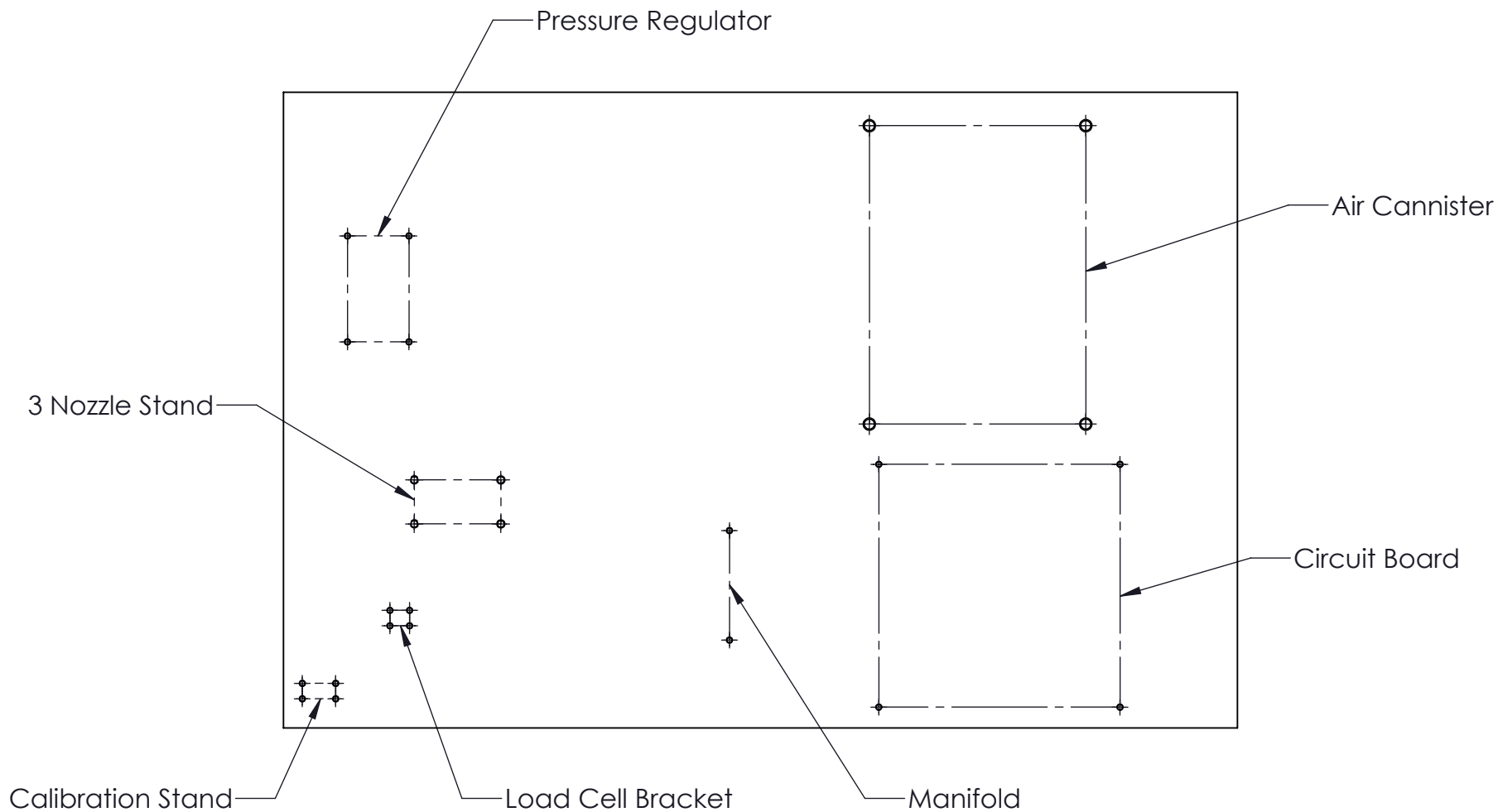
UNITS:mm [in]

SCALE: 1:3

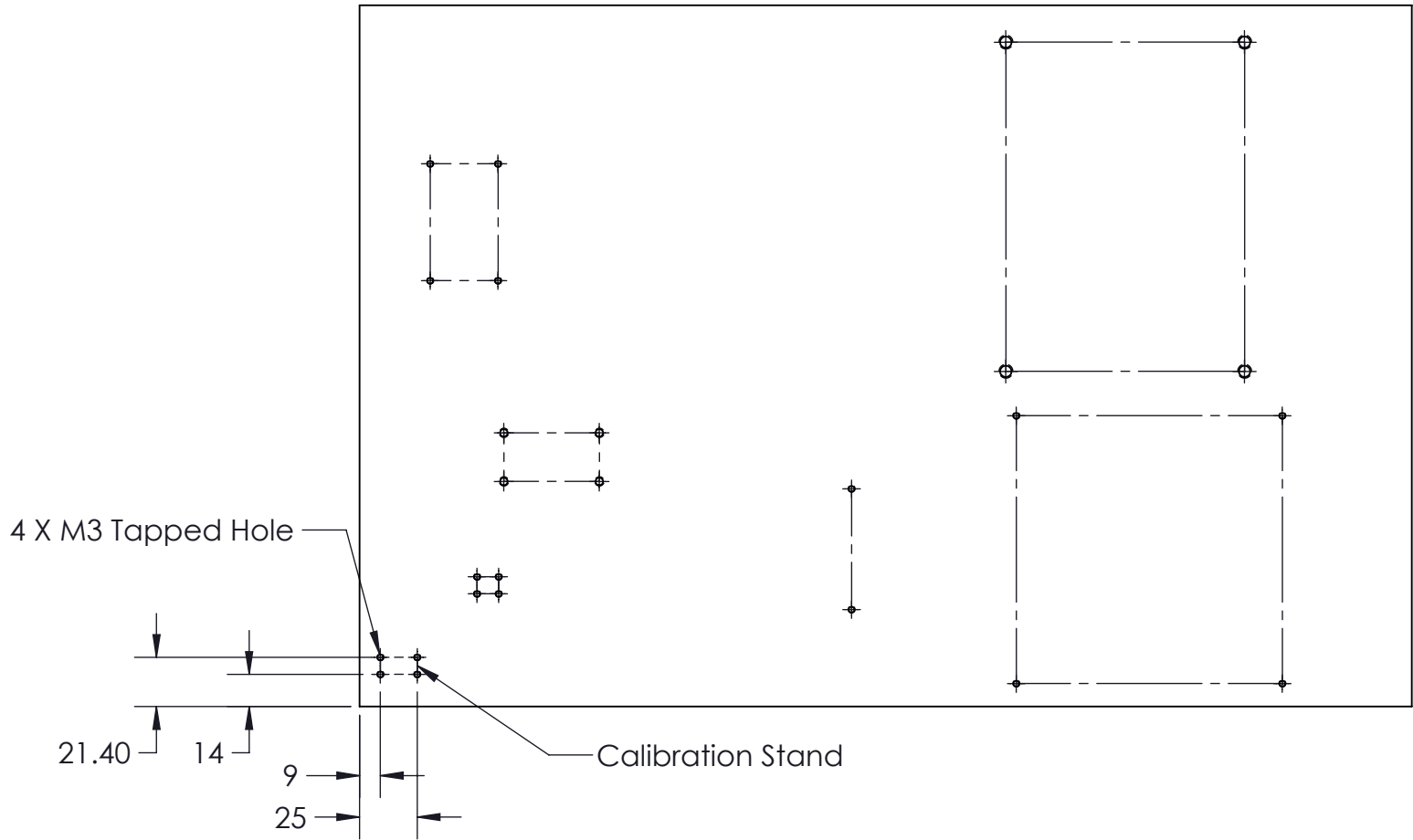
SIZE
A

REV
2

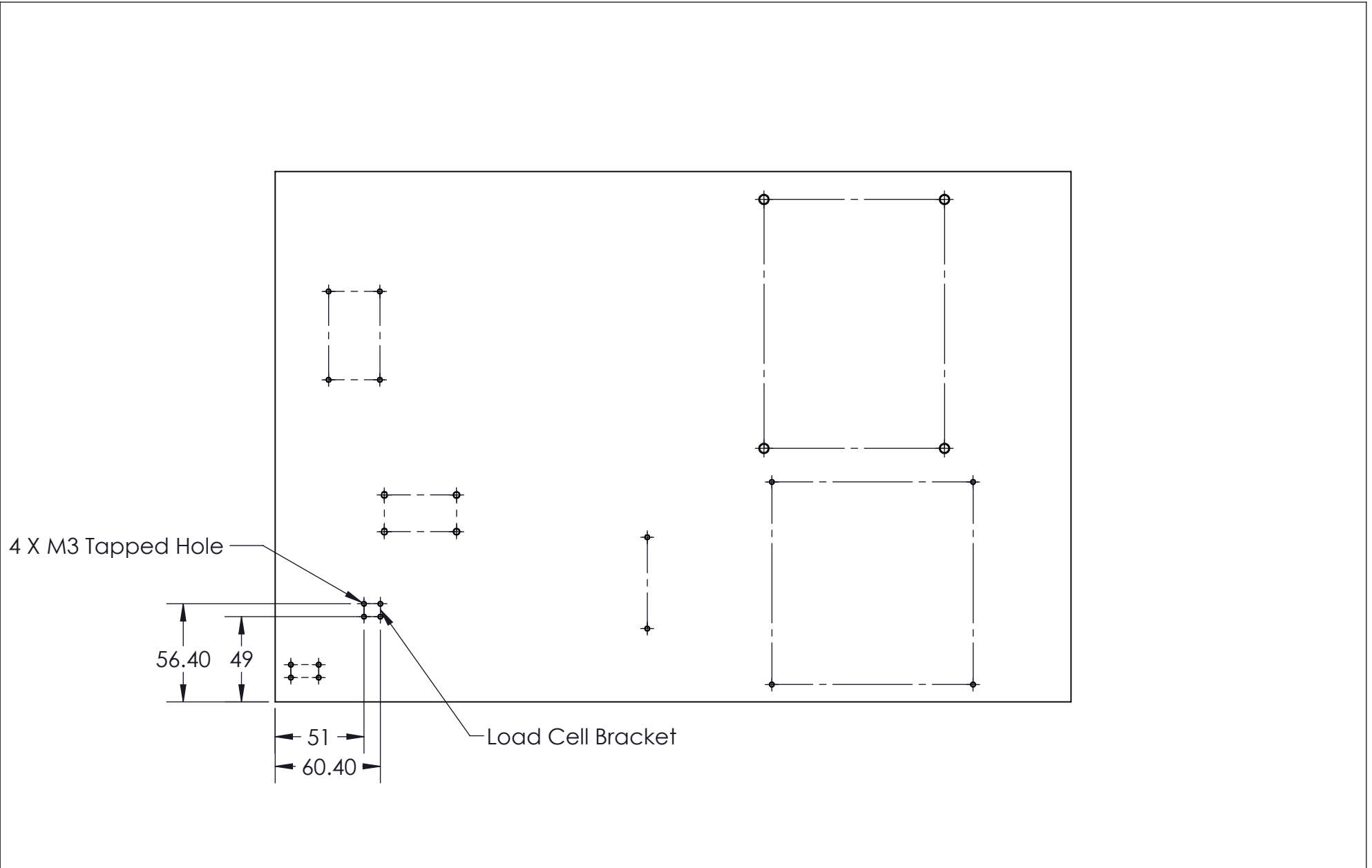
SHEET 1 OF 9



Dalhousie University	PROJECT: RSS CAPSTONE				DRAWING: M31_BASE			B00#:	
	SURFACE	UNLESS OTHERWISE NOTED:			DWN BY: TEAM #23			SIZE	REV
		UNITS: mm	UNITS: in	ANGLES	MATERIAL: Aluminum		QTY: 1		
		1.6 / μm	X.XX +/- .10 X.X +/- .20 X +/- .50	X.XXX +/- .005 X.XX +/- .01 X.X +/- .02	+/- 0.5°	DATE: 2022/03/18 UNITS:mm [in]		SCALE: 1:3	SHEET 2 OF 9

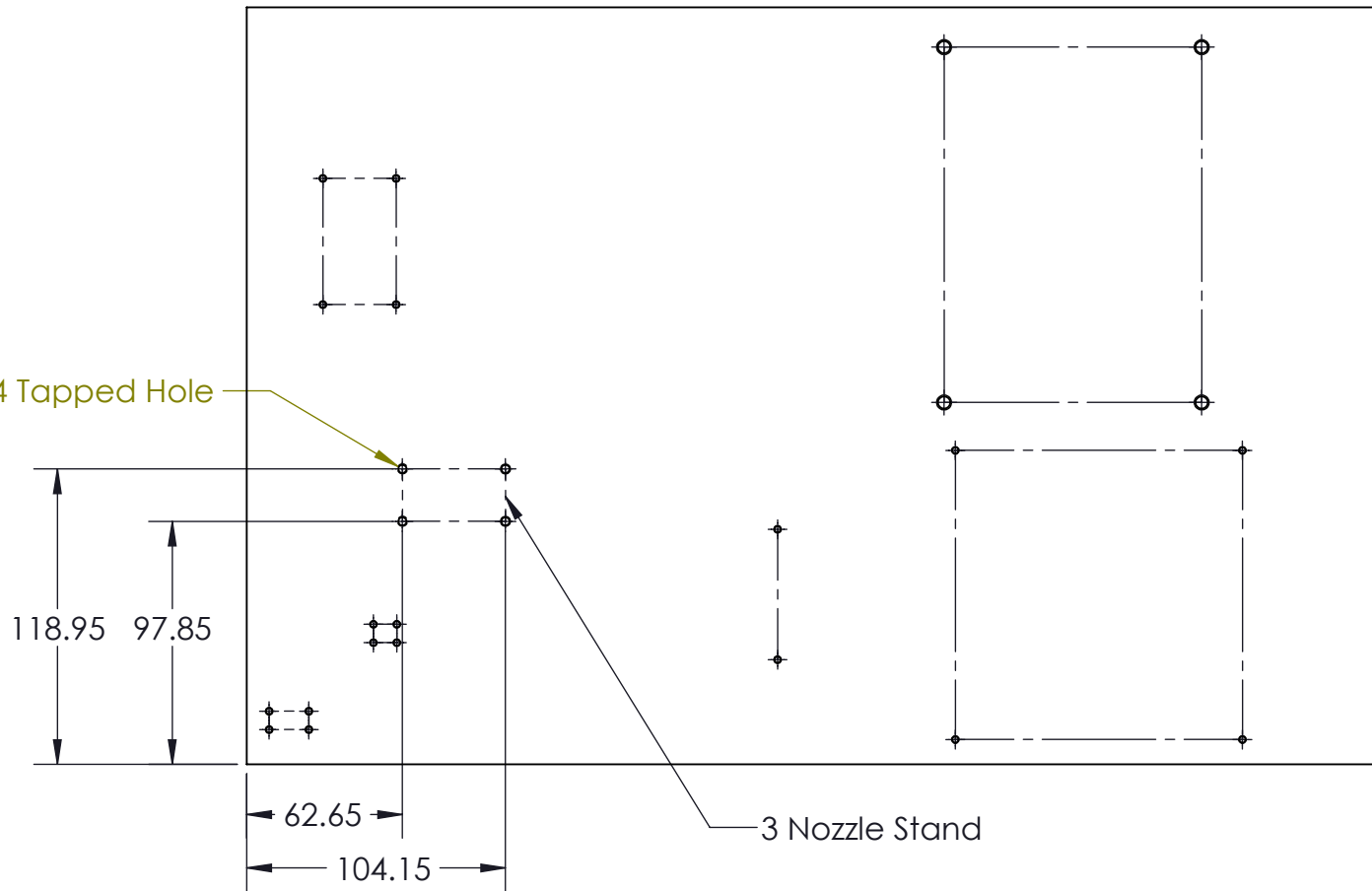


Dalhousie University	PROJECT: RSS CAPSTONE				DRAWING: M31_BASE			B00#:	
	SURFACE <div>1.6 √ μm</div>	UNLESS OTHERWISE NOTED:			DWN BY: TEAM #23			SIZE	REV
		UNITS: mm	UNITS: in	ANGLES +/- 0.5°	MATERIAL: Aluminum		QTY: 1	A	2
		X.XX +/- .10 X.X +/- .20 X +/- .50	X.XXX +/- .005 X.XX +/- .01 X.X +/- .02		DATE: 2022/03/18 UNITS:mm [in]		SCALE: 1:3		



Dalhousie University		PROJECT: RSS CAPSTONE				DRAWING: M31_BASE			B00#:	
		SURFACE 1.6 √ μm	UNLESS OTHERWISE NOTED:			DWN BY: TEAM #23			SIZE	REV
			UNITS: mm	UNITS: in	ANGLES +/- 0.5°	MATERIAL: Aluminum		QTY: 1	A	2
			X.XX +/- .10 X.X +/- .20 X +/- .50	X.XXX +/- .005 X.XX +/- .01 X.X +/- .02		DATE: 2022/03/18	UNITS:mm [in]	SCALE: 1:3		

4 X Ø 4 Tapped Hole



Dalhousie University

PROJECT:

RSS CAPSTONE

DRAWING:

M31_BASE

B00#:

SURFACE
1.6
μm

UNLESS OTHERWISE NOTED:

UNITS: mm
X.XX +/- .10
X.X +/- .20
X +/- .50

UNITS: in
X.XXX +/- .005
X.XX +/- .01
X.X +/- .02

ANGLES
+/- 0.5°

DWN BY:

TEAM #23

MATERIAL:

Aluminum

QTY: 1

DATE: 2022/03/18

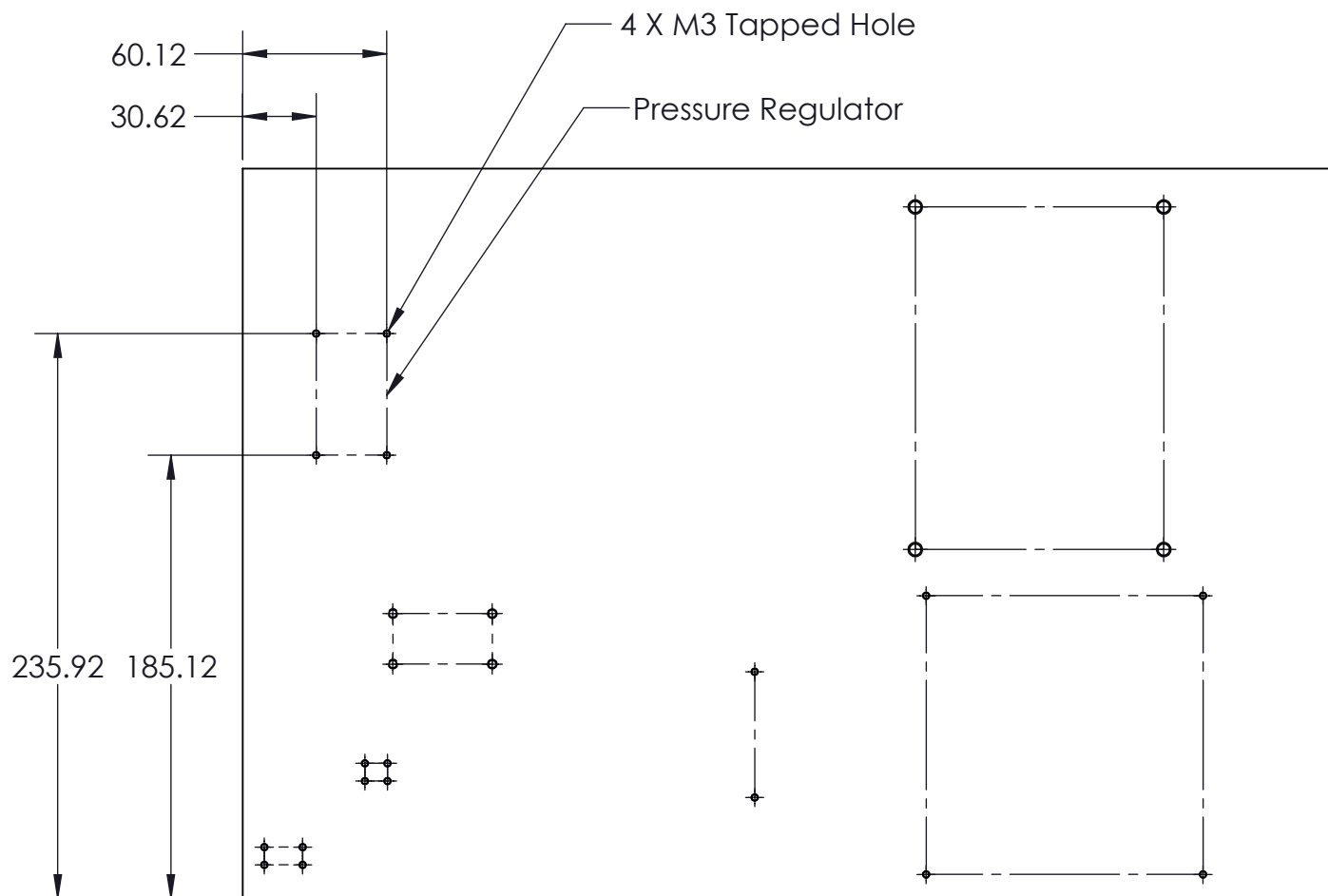
UNITS:mm [in]

SCALE: 1:3

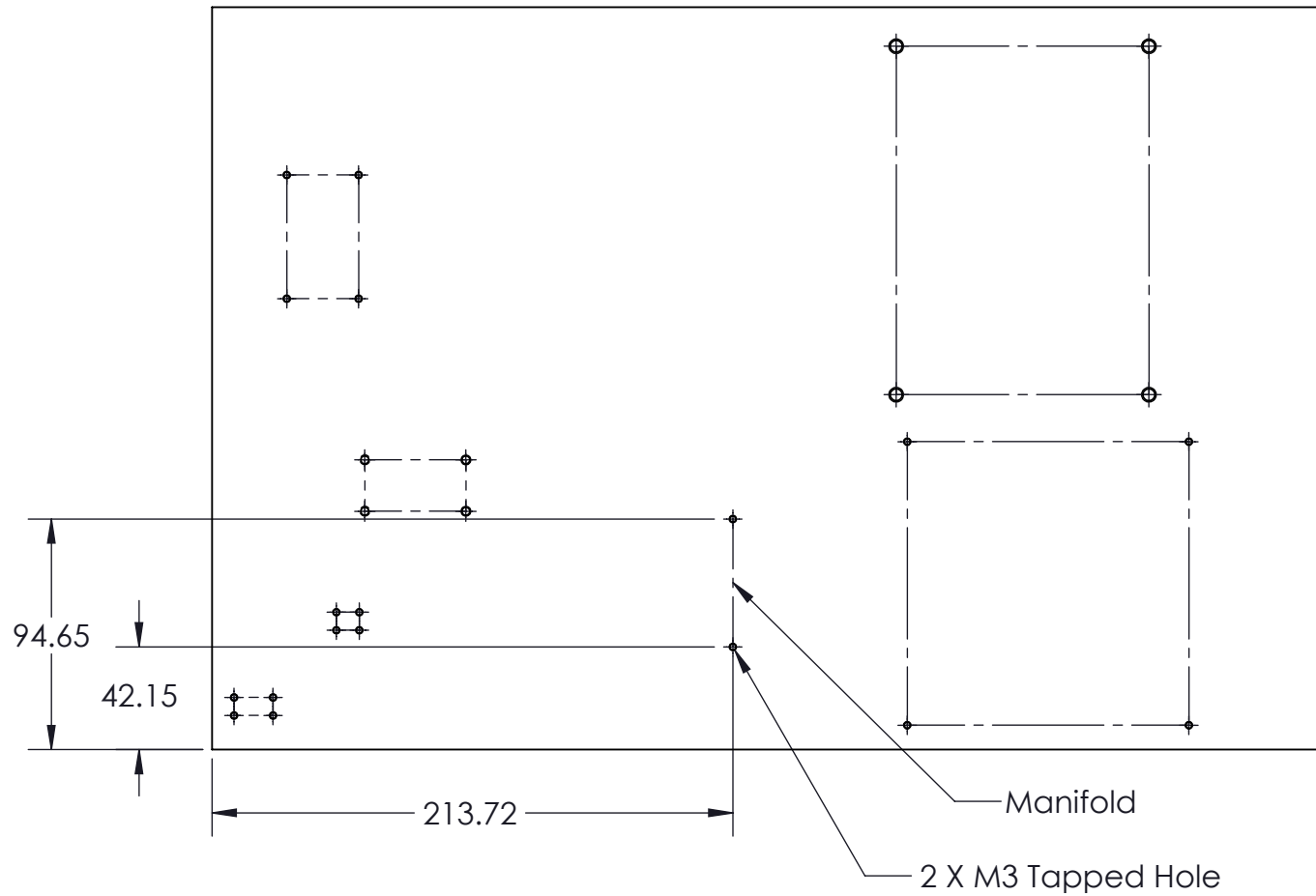
SIZE
A

REV
2

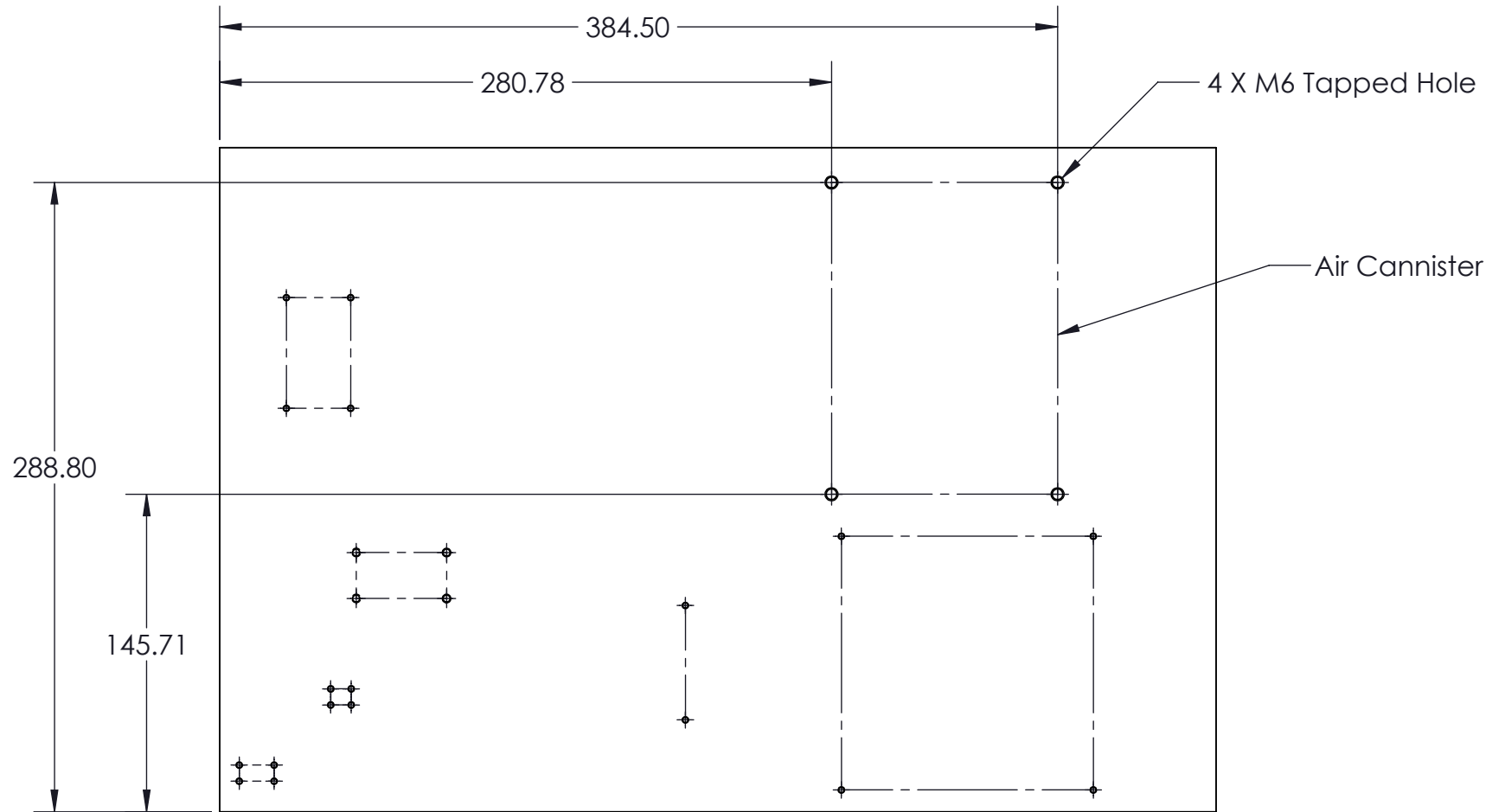
SHEET 5 OF 9



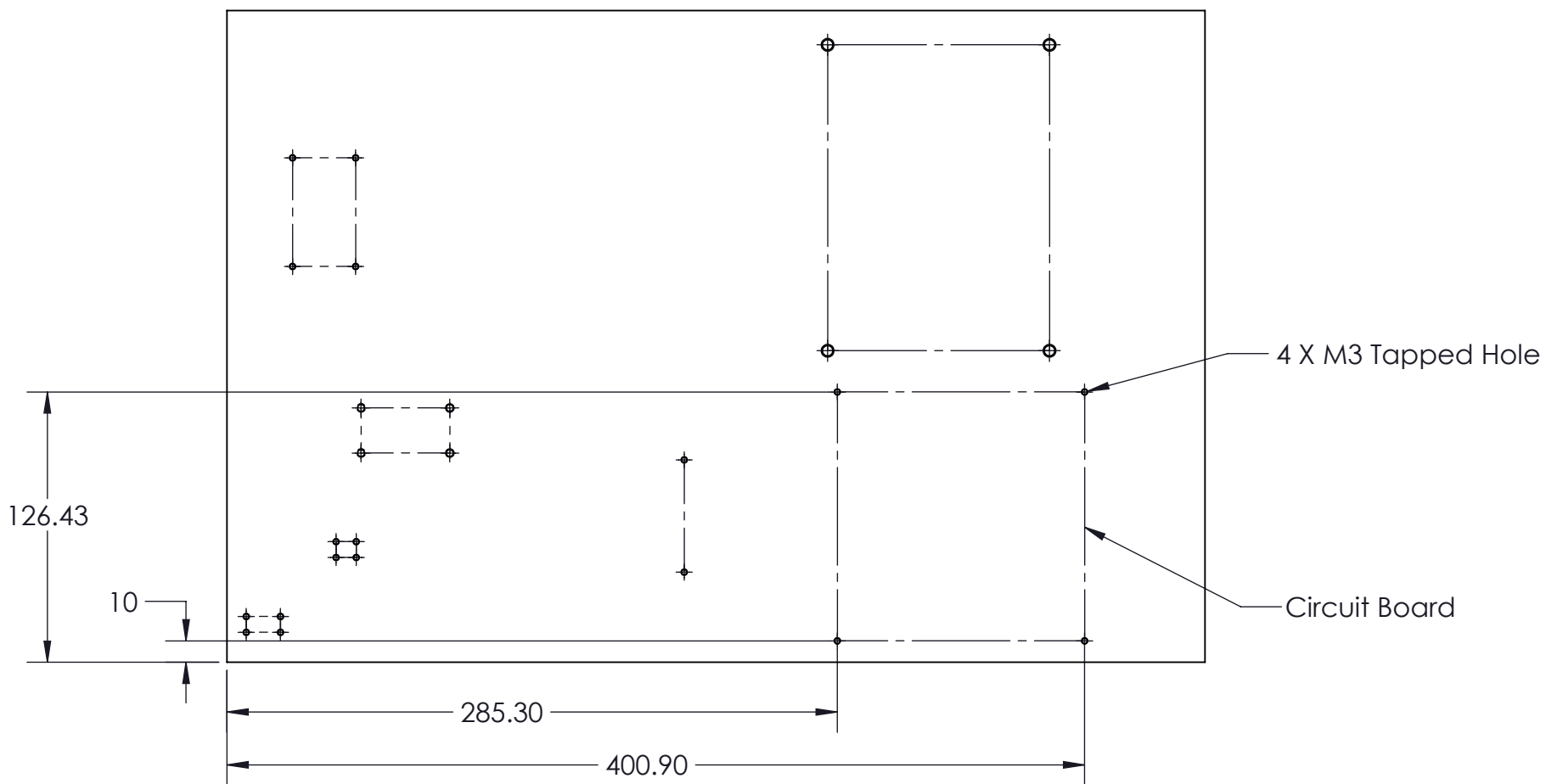
Dalhousie University	PROJECT: RSS CAPSTONE	DRAWING: M31_BASE	B00#:		
	SURFACE $\sqrt{1.6}$ μm UNLESS OTHERWISE NOTED: UNITS: mm X.XX +/- .10 X.X +/- .20 X +/- .50 UNITS: in X.XXX +/- .005 X.XX +/- .01 X.X +/- .02 ANGLES +/- 0.5°	DWN BY: TEAM #23		SIZE A	REV 2
		MATERIAL: Aluminum	QTY: 1		
		DATE: 2022/03/18	UNITS:mm [in]	SCALE: 1:3	SHEET 6 OF 9



Dalhousie University	PROJECT: RSS CAPSTONE				DRAWING: M31_BASE			B00#:	
	SURFACE 1.6 √ μm	UNLESS OTHERWISE NOTED:			DWN BY: TEAM #23			SIZE	REV
		UNITS: mm	UNITS: in	ANGLES +/- 0.5°	MATERIAL: Aluminum		QTY: 1	A	2
		X.XX +/- .10 X.X +/- .20 X +/- .50	X.XXX +/- .005 X.XX +/- .01 X.X +/- .02		DATE: 2022/03/18	UNITS:mm [in]	SCALE: 1:3		



Dalhousie University	PROJECT: RSS CAPSTONE				DRAWING: M31_BASE			B00#:	
	SURFACE 1.6 / μm ✓	UNLESS OTHERWISE NOTED:			DWN BY: TEAM #23			SIZE	REV
		UNITS: mm	UNITS: in	ANGLES +/- 0.5°	MATERIAL: Aluminum		QTY: 1	A	2
		X.XX +/- .10 X.X +/- .20 X +/- .50	X.XXX +/- .005 X.XX +/- .01 X.X +/- .02		DATE: 2022/03/18	UNITS:mm [in]	SCALE: 1:3		



Dalhousie University	PROJECT: RSS CAPSTONE				DRAWING: M31_BASE			B00#:	
	SURFACE 1.6 √ μm	UNLESS OTHERWISE NOTED:			DWN BY: TEAM #23			SIZE	REV
		UNITS: mm	UNITS: in	ANGLES +/- 0.5°	MATERIAL: Aluminum		QTY: 1	A	2
		X.XX +/- .10 X.X +/- .20 X +/- .50	X.XXX +/- .005 X.XX +/- .01 X.X +/- .02		DATE: 2022/03/18	UNITS:mm [in]	SCALE: 1:3		