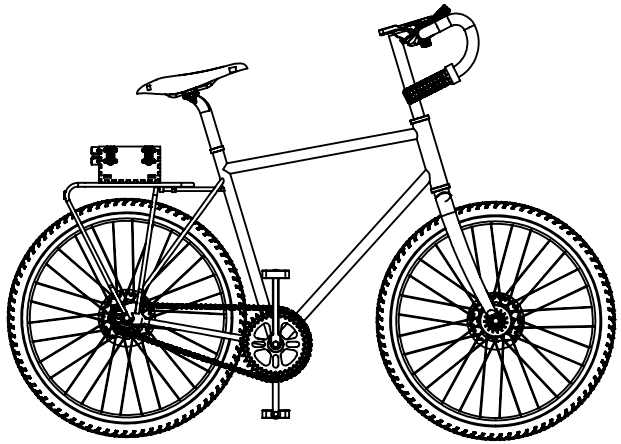
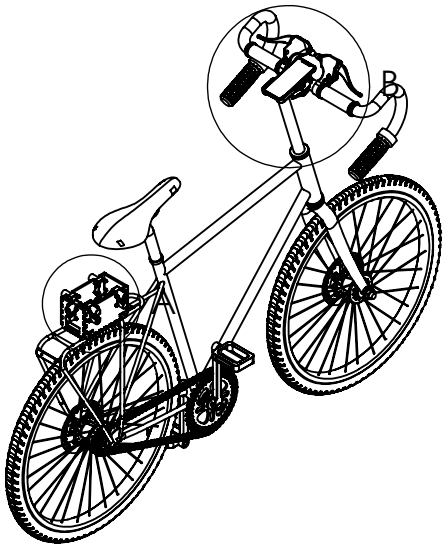
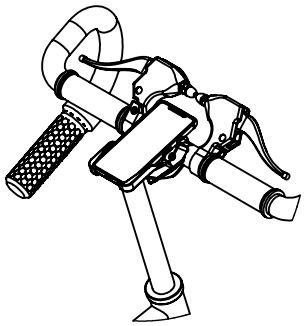
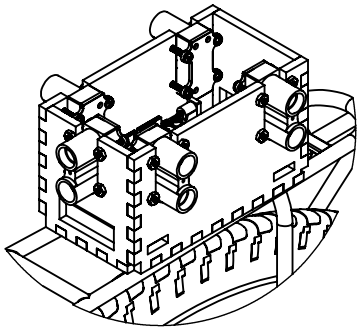






DETAIL B
SCALE 1 : 10



DETAIL A
SCALE 1 : 5

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Bike	Generic Bike	1
2	Prototype V1	Sensor Package Prototype V1	1
3	Pannier Rack	Generic Pannier Rack for Bike	1
4	Mount	Generic Phone Handlebar Mount for Bikes	1
5	iPhone X	Apple Cell Phone	1

UNLESS OTHERWISE SPECIFIED:

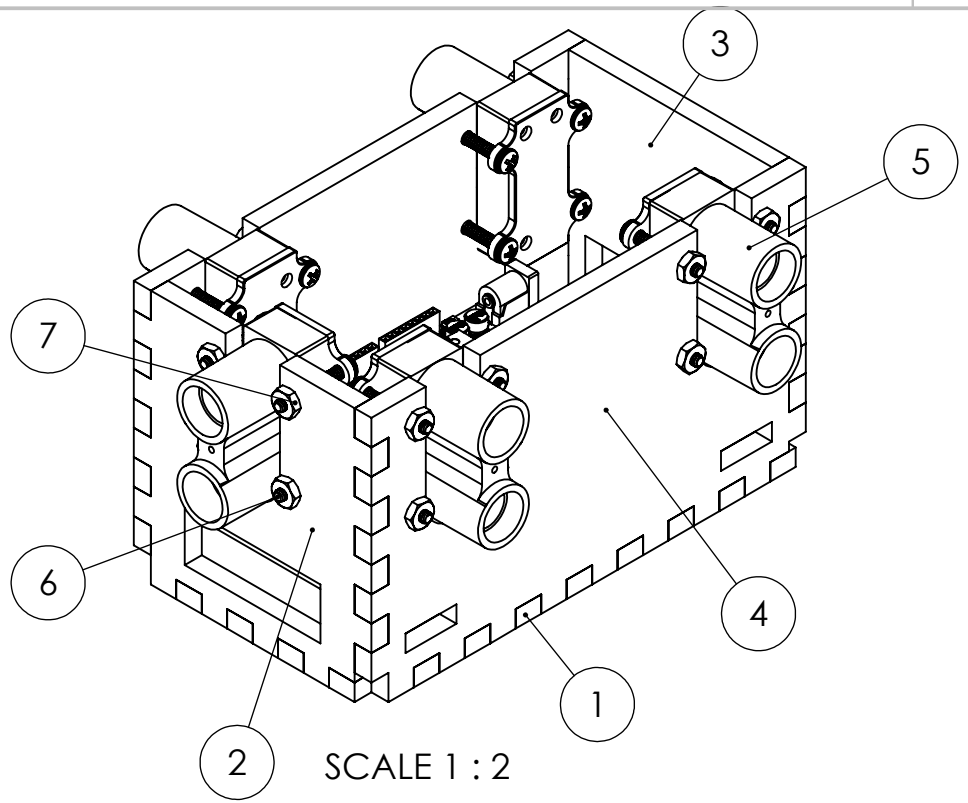
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
DO NOT SCALE DRAWING

RESPONSIBLE Andrew Dinka

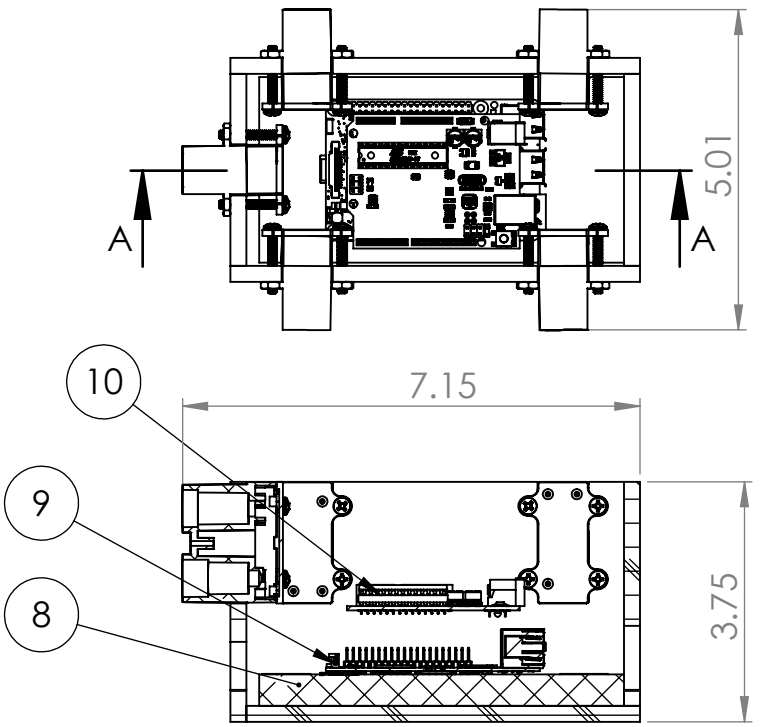
TITLE:

Full Bike Assembly

SIZE	DWG. NO.	REV
A	A-1	1
SCALE: 1:20	WEIGHT:	SHEET 1 OF 1



SCALE 1 : 2



SECTION A-A

Note: Empty Space between Items 9 and 10 is for wiring

ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	P-1	Bottom Box Panel	1
2	P-2	Back Box Panel	1
3	P-3	Front Box Panel	1
4	P-4	Side Box Panel	2
5	LIDAR Lite-3 Assembly	Garmin LIDAR Lite-3 Sensor	5
6	91735A154	`Size 6-32 1" Screw - McMaster	20
7	91813A130	Size 6-32 1" Nut - McMaster	20
8	Battery Pack - Big	Generic Battery Pack (Large)	1
9	Raspberry Pi 3	Raspberry Pi 3Bv1.2	1
10	arduino uno	Arduino Uno	1

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±
DO NOT SCALE DRAWING

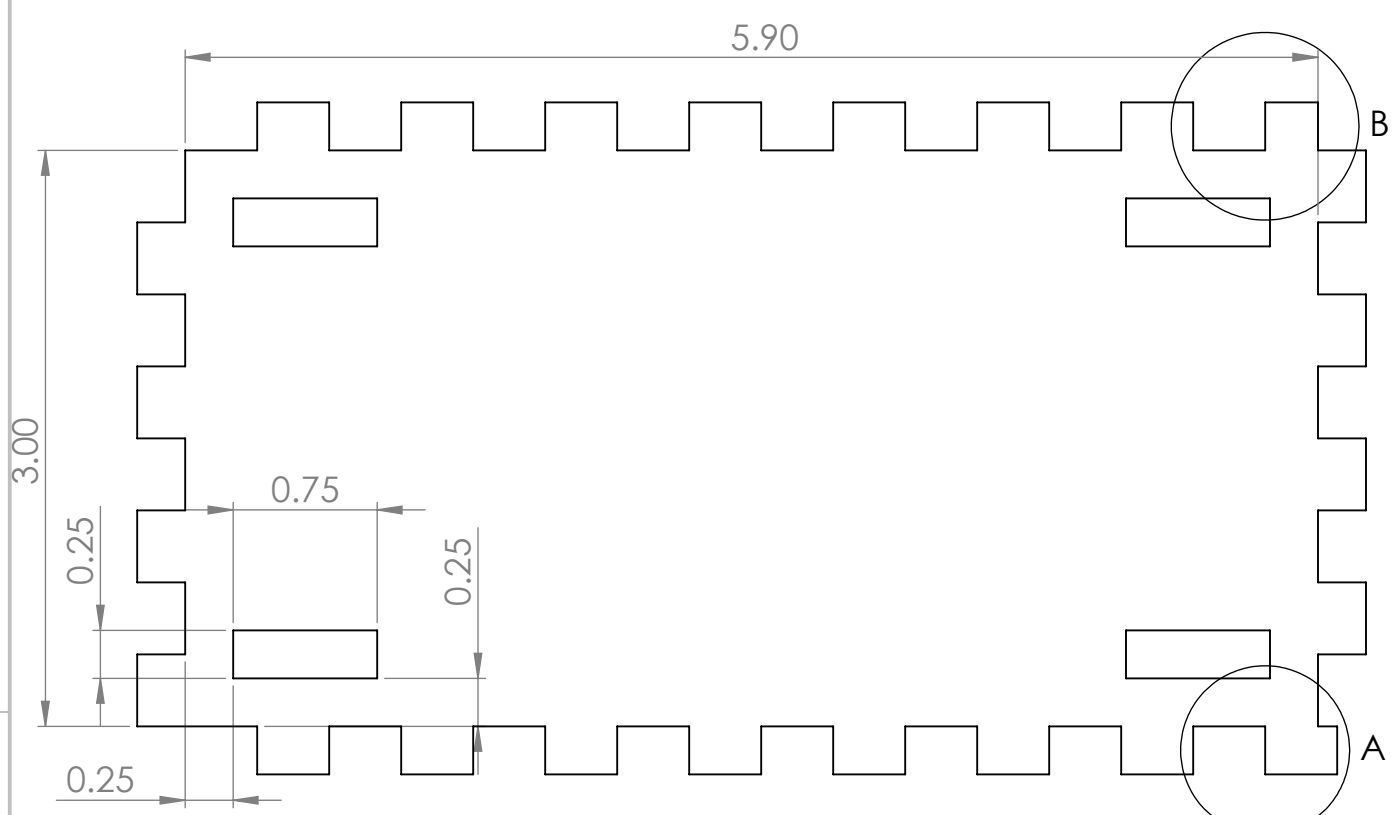
RESPONSIBLE Andrew Dinka

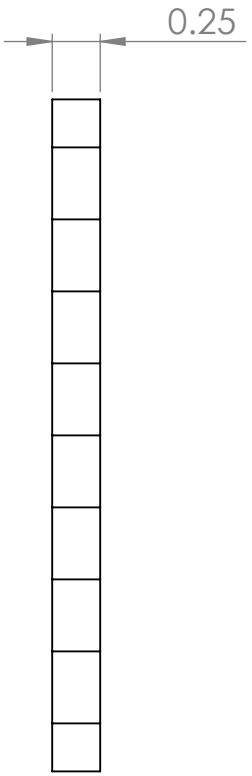
TITLE:

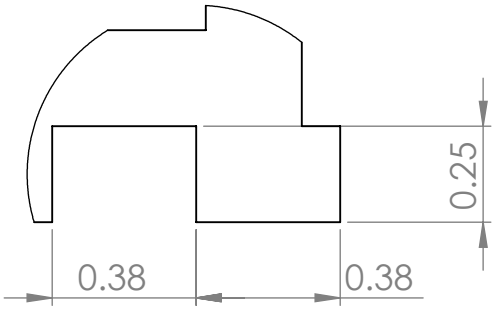
Sensor Package Prototype V1

SIZE	DWG. NO.	REV
A	A-2	1

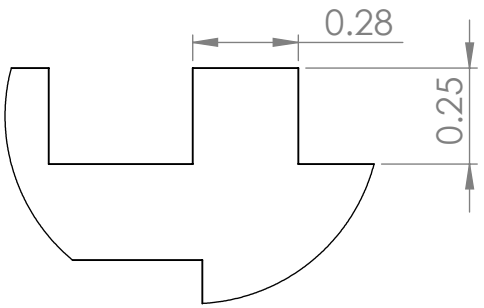
SCALE: 1:3	WEIGHT:	SHEET 1 OF 1







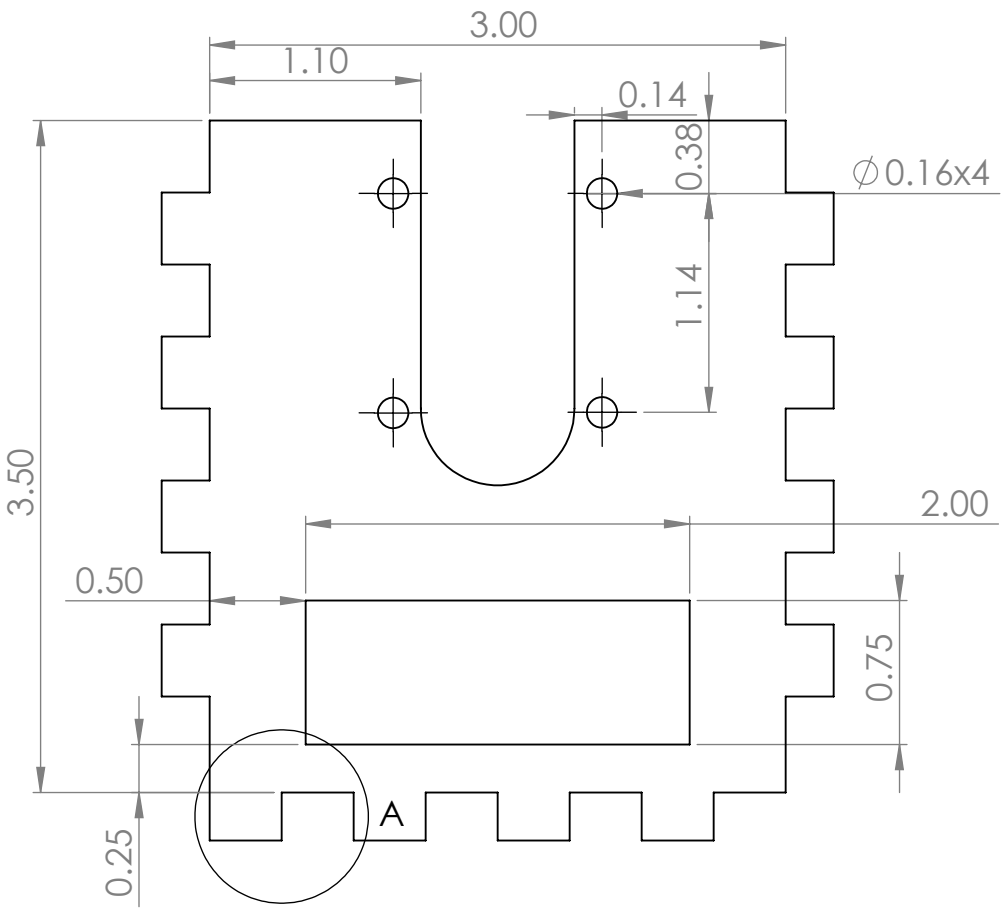
DETAIL A
SCALE 2 : 1

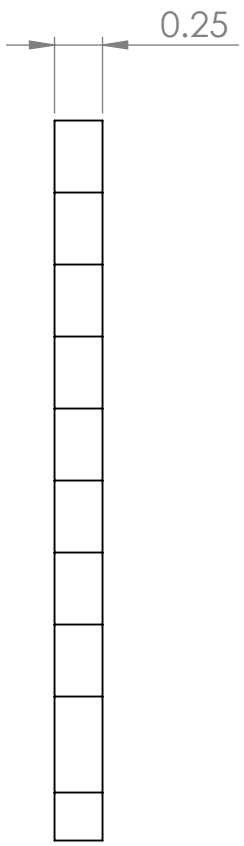


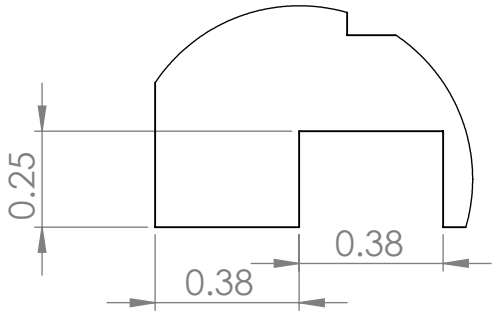
DETAIL B
SCALE 2 : 1

Note: This is the only knob that is not the dimensions of the knob in Detail A

RESPONSIBLE	Andrew Dinka		
TITLE:	Bottom Panel		
UNLESS OTHERWISE SPECIFIED:	SIZE	DWG. NO.	REV
DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± DO NOT SCALE DRAWING	A	P-1	1
	SCALE: 1:1	WEIGHT:	SHEET 1 OF 1

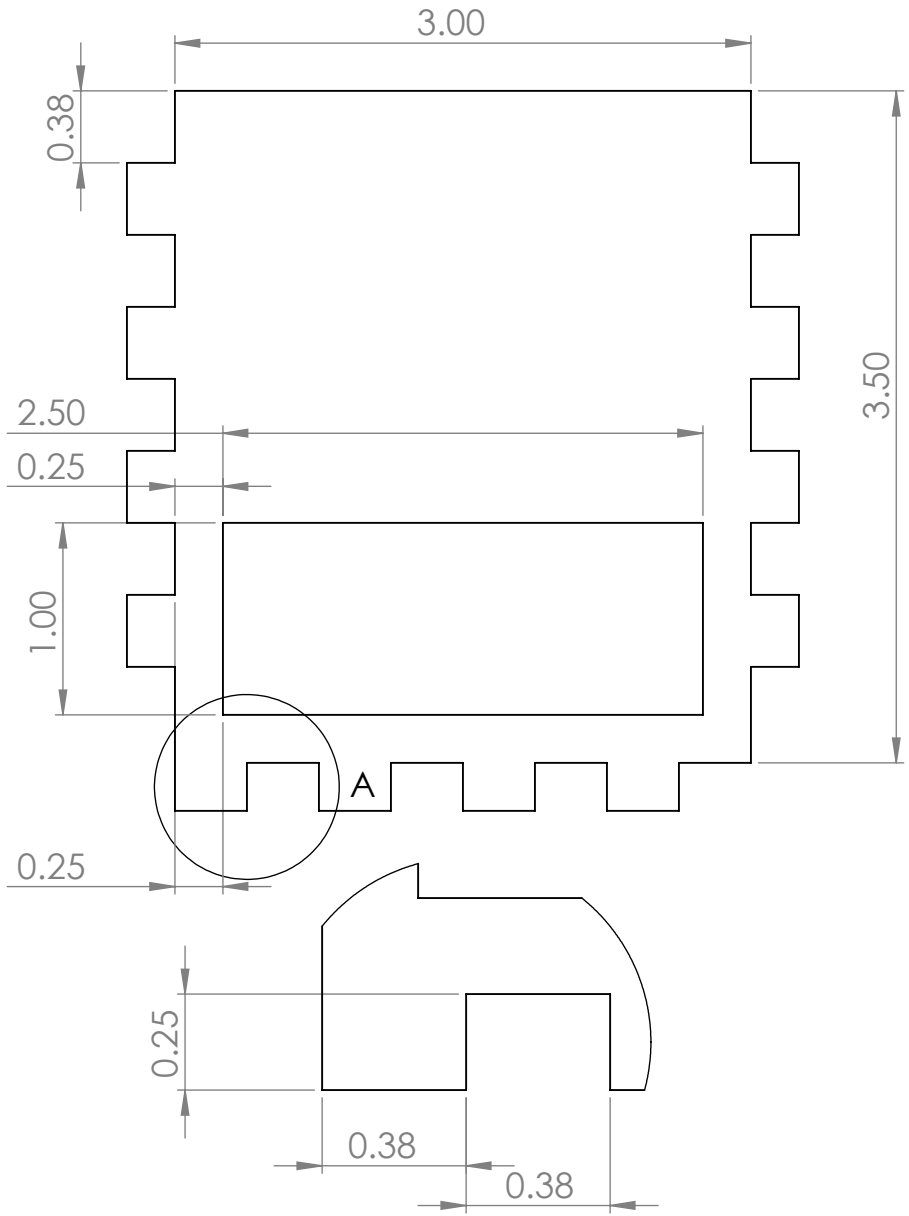




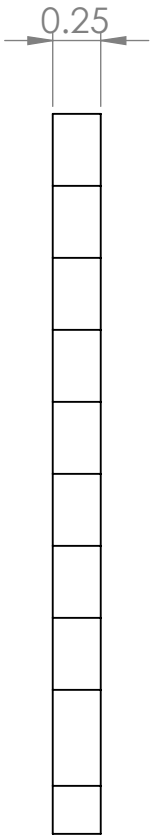


DETAIL A
SCALE 2 : 1

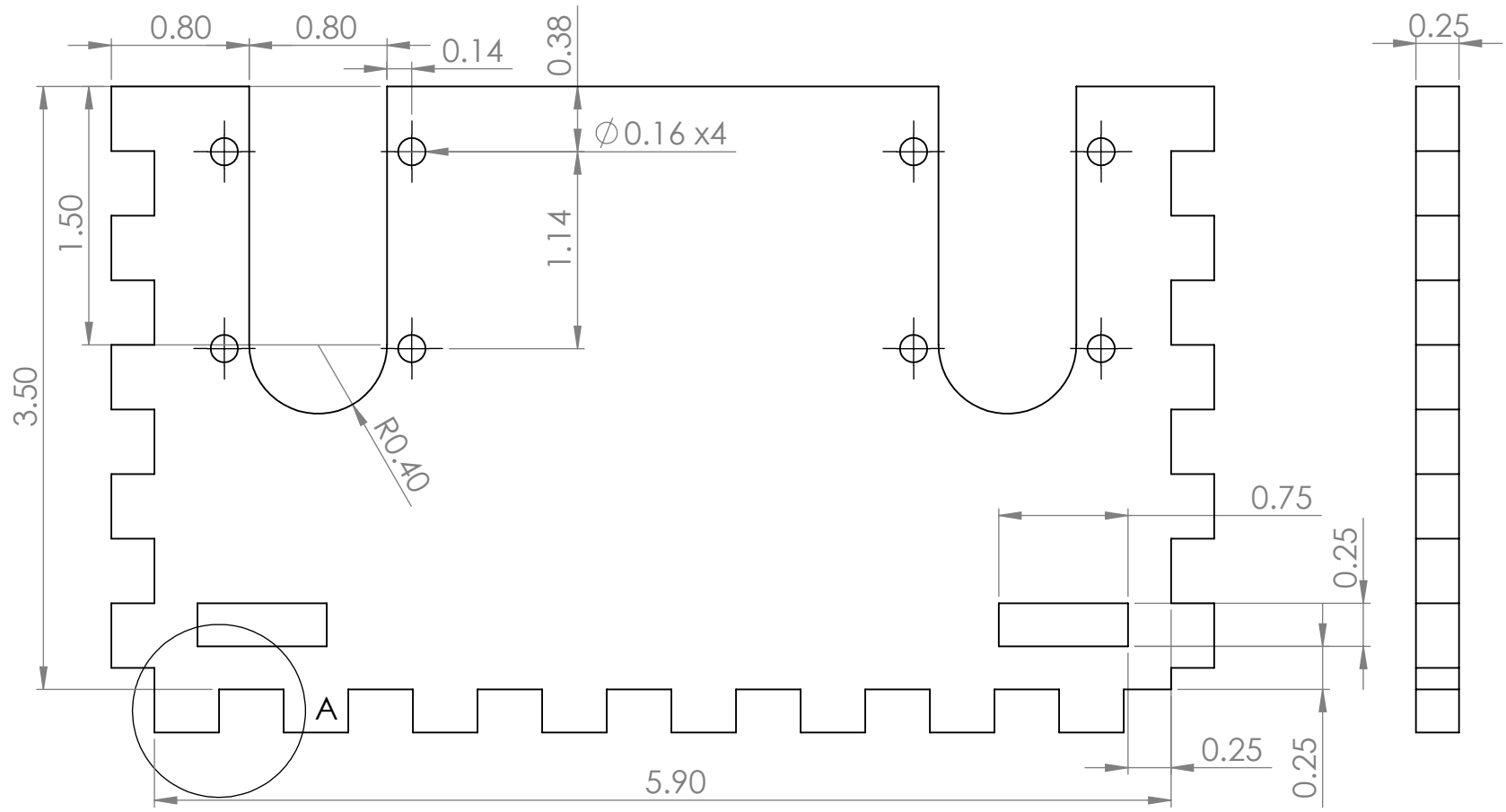
RESPONSIBLE	Andrew Dinka		
TITLE:	Back Panel		
UNLESS OTHERWISE SPECIFIED:	SIZE **A**	DWG. NO. P-2	REV 1
DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± DO NOT SCALE DRAWING	SCALE: 1:1	WEIGHT:	SHEET 1 OF 1

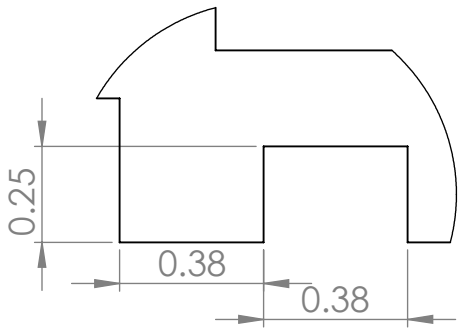


DETAIL A
SCALE 2 : 1



RESPONSIBLE	Andrew Dinka		
TITLE:	Front Panel		
UNLESS OTHERWISE SPECIFIED:	SIZE	DWG. NO.	REV
DIMENSIONS ARE IN INCHES TOLERANCES: 0.001 in	A	P-3	1
DO NOT SCALE DRAWING	SCALE: 1:1	WEIGHT:	SHEET 1 OF 1





DETAIL A
SCALE 2 : 1

RESPONSIBLE	Andrew Dinka		
TITLE:	Side Panel		
UNLESS OTHERWISE SPECIFIED:	SIZE	DWG. NO.	REV
DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± DO NOT SCALE DRAWING	A	P-4	1
	SCALE: 1:1	WEIGHT:	SHEET 1 OF 1