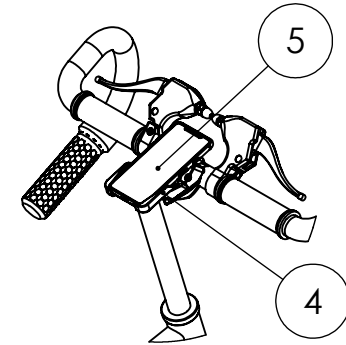
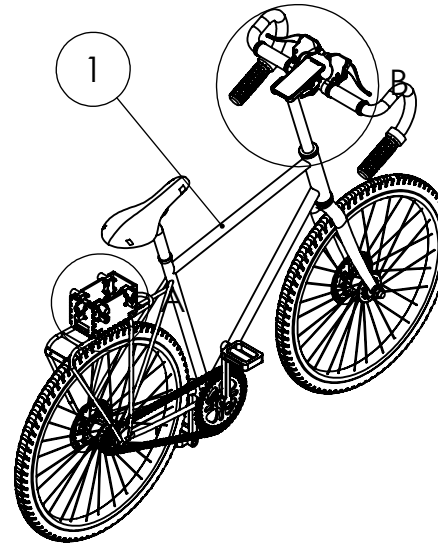
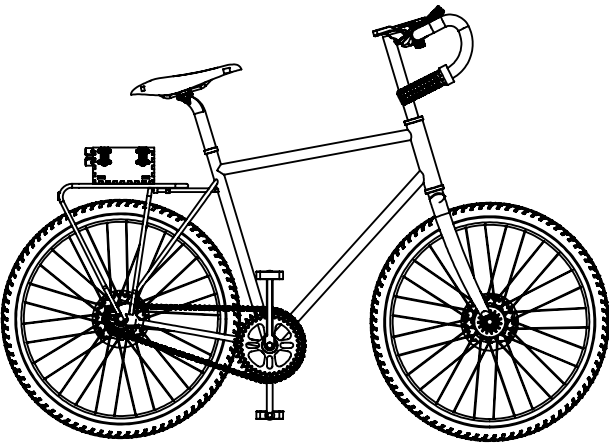


| Part No. | Description  | Quantity | Vender               | Unit Price | Total Cost | Found in Dwg. No |
|----------|--|----------|----------------------|------------|------------|------------------|
| A-1      | Full Bike Assembly   | 1        | -                    | \$ 719.67  | \$ 719.67  | A-1              |
| A-2      | Sensor Package Prototype V1  | 1        | Makerspace           | \$ -       | \$ -       | A-2              |
| P-1      | Bottom Box Panel   | 1        | Home Depot           | \$ 2.25    | \$ 2.25    | P-1              |
| P-2      | Back Box Panel   | 1        | Home Depot           | \$ 2.25    | \$ 2.25    | P-2              |
| P-3      | Front Box Panel  | 1        | Home Depot           | \$ 2.25    | \$ 2.25    | P-3              |
| P-4      | Side Box Panel   | 2        | Home Depot           | \$ 2.25    | \$ 4.49    | P-4              |
| O-1      | Generic Bike   | 1        | SLAB Lab             | \$ -       | \$ -       | A-1              |
| O-2      | Generic Pannier Rack for Bike  | 1        | SLAB Lab             | \$ -       | \$ -       | A-1              |
| O-3      | Generic Phone Handlebar Mount<br>for Bikes (pending later selection) | 1        | TBD                  | \$ -       | \$ -       | A-1              |
| O-4      | iPhone X   | 1        | SLAB Lab             | \$ -       | \$ -       | A-1              |
| O-5      | Garmin LIDAR Lite-3 Sensor   | 5        | Garmin / SLAB<br>Lab | \$ 129.99  | \$ 649.95  | A-2              |
| O-6      | Size 6-32 1" Screw - McMaster<br>(91735A154)                         | 20       | Home Depot           | \$ 0.30    | \$ 6.00    | A-2              |
| O-7      | Size 6-32 1" Nut - McMaster<br>(91813A130)                           | 20       | Home Depot           | \$ 0.28    | \$ 5.50    | A-2              |
| O-8      | Generic Battery Pack   | 1        | TBD / SLAB<br>Lab    | \$ -       | \$ -       | A-2              |
| O-9      | Raspberry Pi 3Bv1.2  | 1        | SLAB Lab             | \$ 24.99   | \$ 24.99   | A-2              |
| O-10     | Arduino uno  | 1        | SLAB Lab             | \$ 22.00   | \$ 22.00   | A-2              |

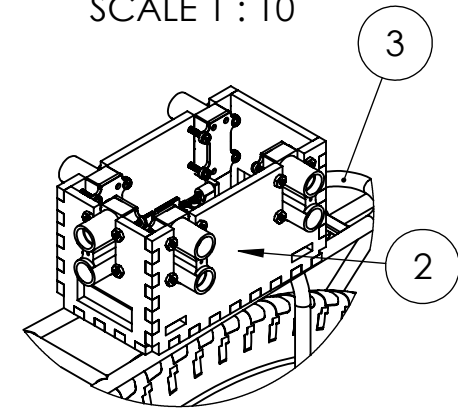
### Key

A - Assembly  
P - Part, custom designed  
O - Other part, standard

B



DETAIL B  
SCALE 1 : 10



DETAIL A  
SCALE 1 : 5

B

A

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

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES  
TOLERANCES:  
FRACTIONAL  $\pm$   
DO NOT SCALE DRAWING

RESPONSIBLE

Andrew Dinka

TITLE:

Full Bike  
Assembly

SIZE

A

DWG. NO.

A-1

REV

1

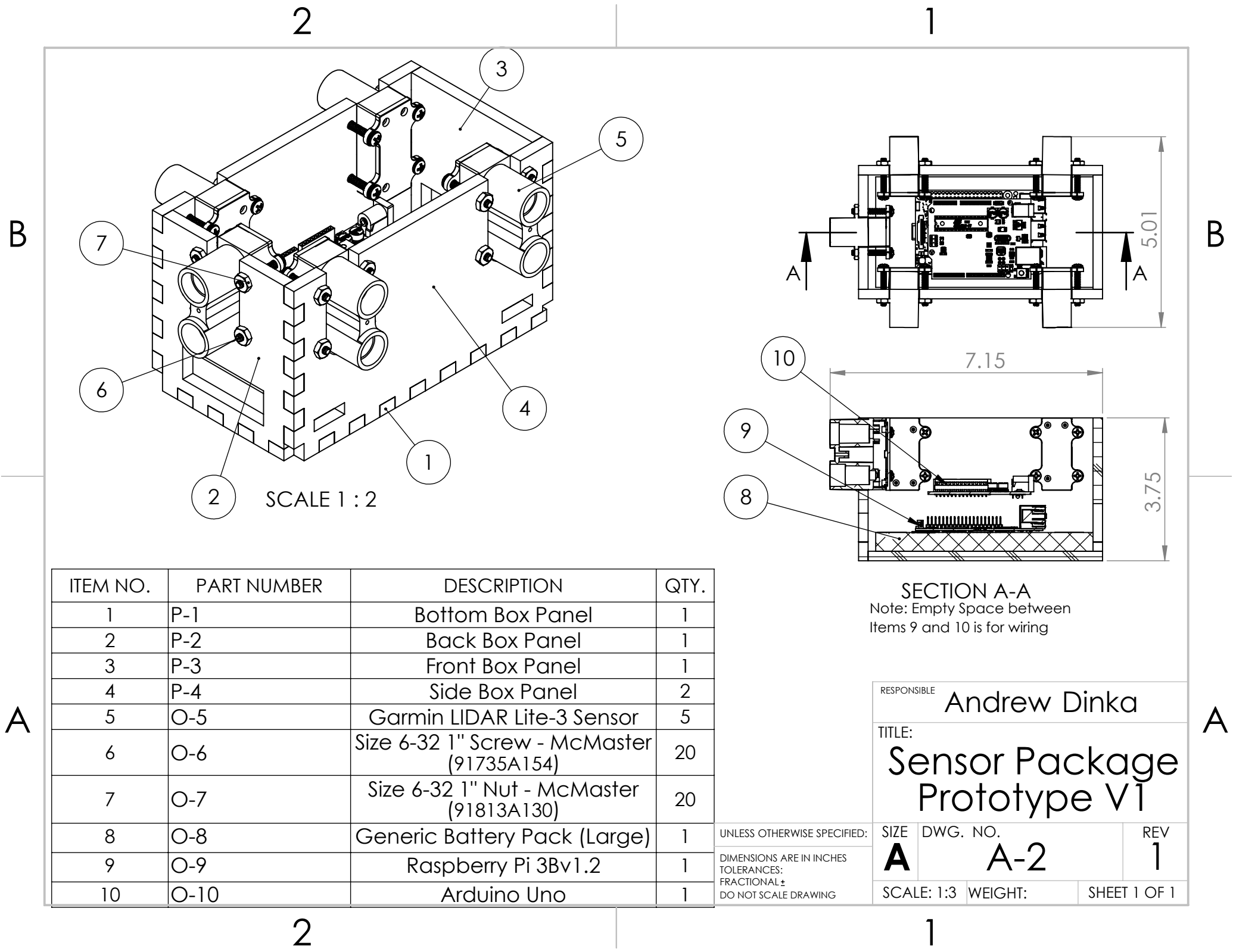
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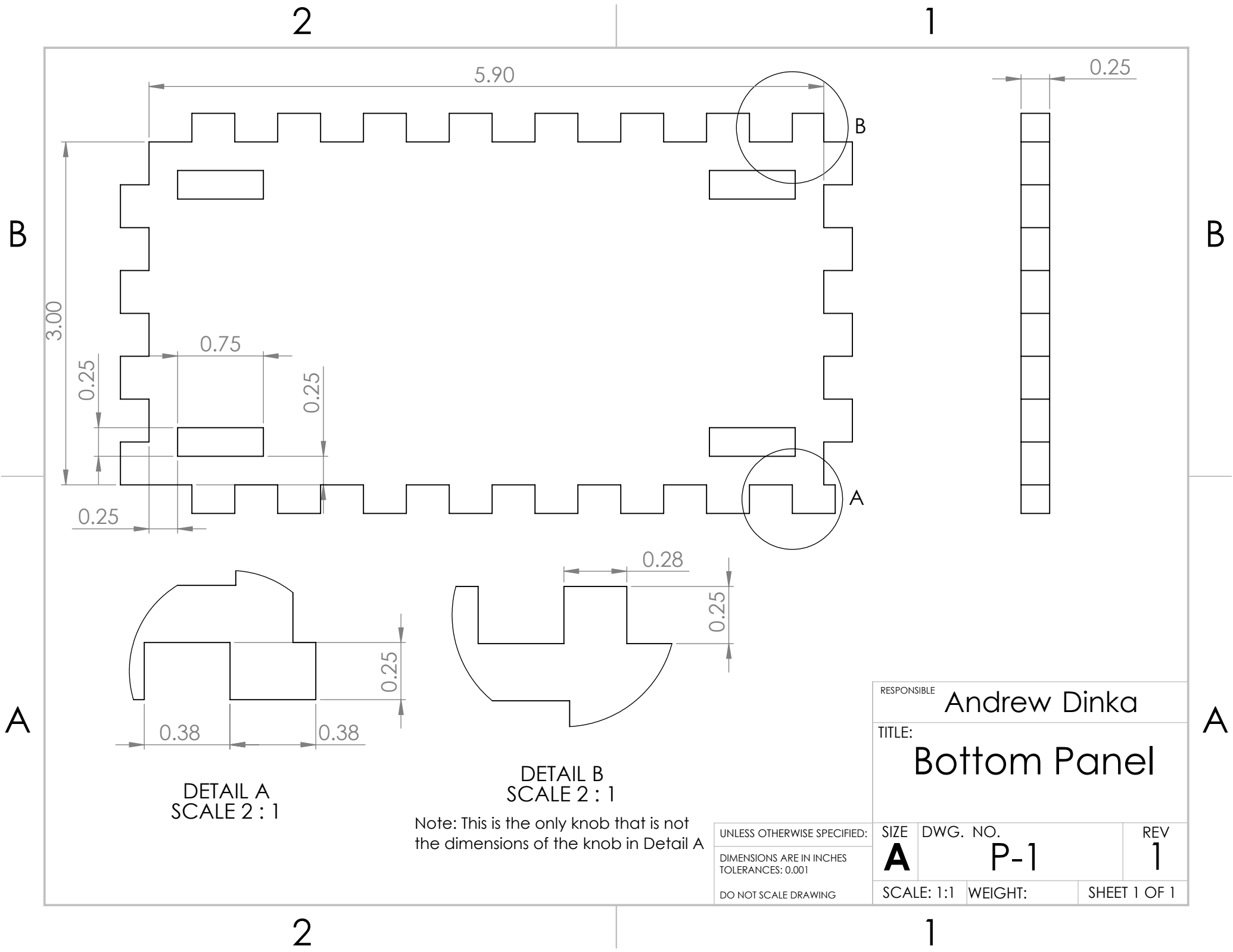
SHEET 1 OF 1

A

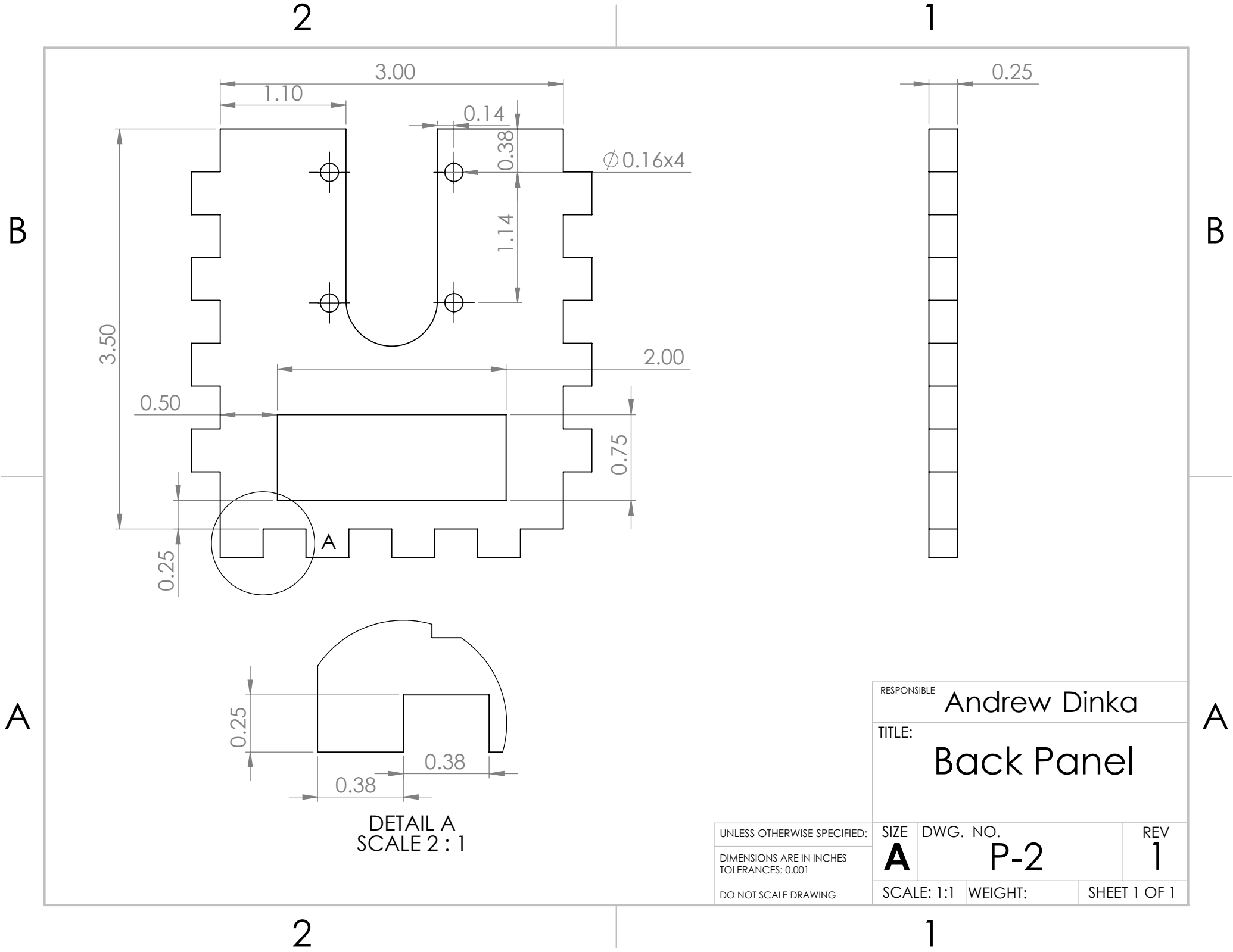
2

1





|             |          |         |  |              |  |
|-------------|----------|---------|--|--------------|--|
| RESPONSIBLE |          |         |  | Andrew Dinka |  |
| TITLE:      |          |         |  | Bottom Panel |  |
| SIZE        | DWG. NO. |         |  | REV          |  |
| A           | P-1      |         |  | 1            |  |
| SCALE: 1:1  |          | WEIGHT: |  | SHEET 1 OF 1 |  |



B

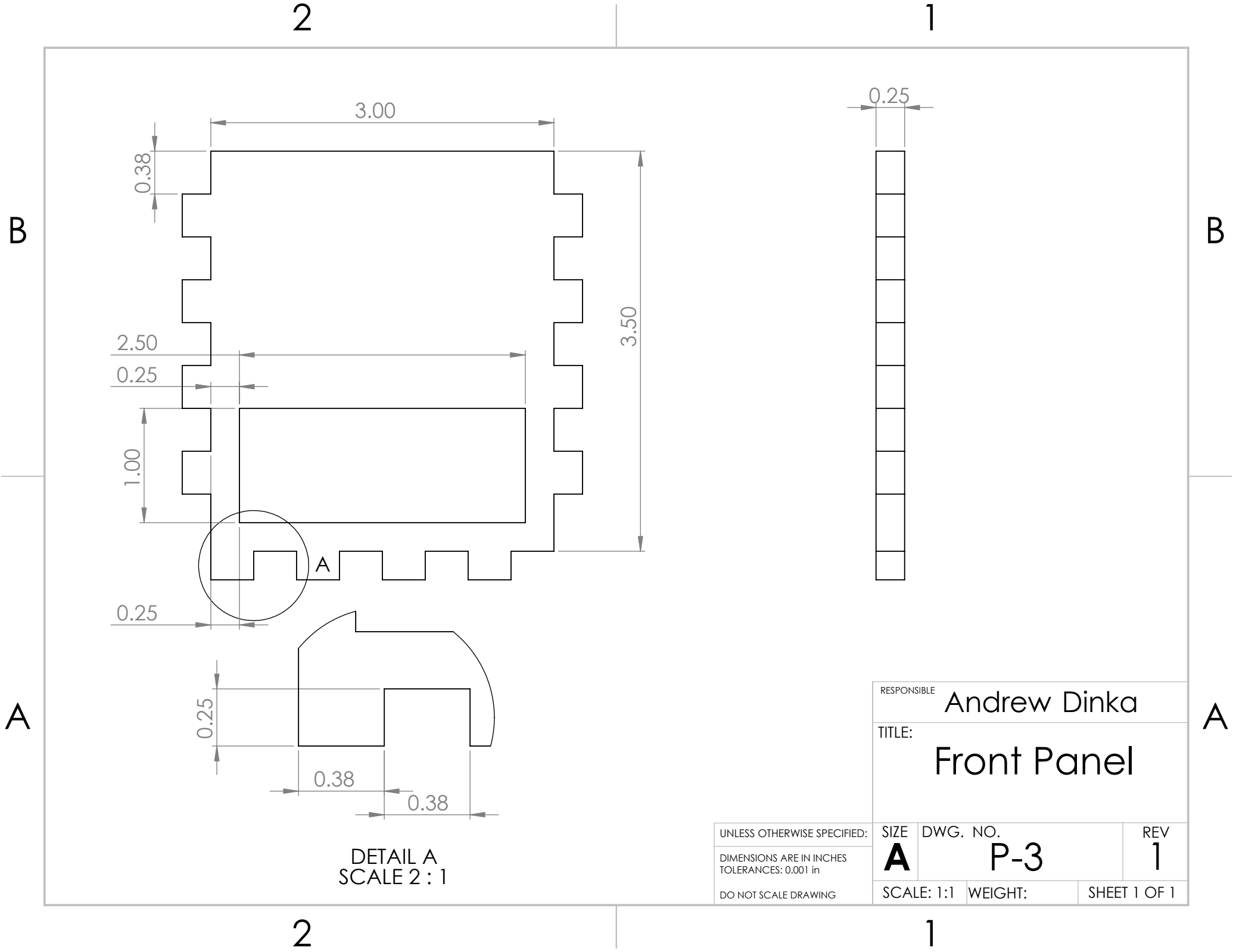
B

A

A

DETAIL A  
SCALE 2 : 1

|  |             |          |  |              |  |
|--|-------------|----------|--|--------------|--|
| UNLESS OTHERWISE SPECIFIED:<br>DIMENSIONS ARE IN INCHES<br>TOLERANCES: 0.001<br>DO NOT SCALE DRAWING | RESPONSIBLE |          |  | Andrew Dinka |  |
|  | TITLE:      |          |  | Back Panel   |  |
|  | SIZE        | DWG. NO. |  | REV          |  |
|  | A           | P-2      |  | 1            |  |
| SCALE: 1:1   |             | WEIGHT:  |  | SHEET 1 OF 1 |  |



|             |  |          |  |              |  |
|-------------|--|----------|--|--------------|--|
| RESPONSIBLE |  |          |  | Andrew Dinka |  |
| TITLE:      |  |          |  | Front Panel  |  |
| SIZE        |  | DWG. NO. |  | REV          |  |
| A           |  | P-3      |  | 1            |  |
| SCALE: 1:1  |  | WEIGHT:  |  | SHEET 1 OF 1 |  |

UNLESS OTHERWISE SPECIFIED:  
DIMENSIONS ARE IN INCHES  
TOLERANCES: 0.001 in  
DO NOT SCALE DRAWING

DETAIL A  
SCALE 2 : 1

