<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>PART NUMBER</th>
<th>QTY.</th>
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<tbody>
<tr>
<td>1</td>
<td>NEW Bridge Tall Part 2</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>NEW BRIDGE Assem Lift Gate</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>NEW Bridge Front Face</td>
<td>2</td>
</tr>
<tr>
<td>4</td>
<td>Road for base</td>
<td>2</td>
</tr>
<tr>
<td>5</td>
<td>Decorative Finishing Nail 1x10</td>
<td>9</td>
</tr>
<tr>
<td>6</td>
<td>Back Portion TOP</td>
<td>2</td>
</tr>
<tr>
<td>7</td>
<td>Back Portion MID</td>
<td>2</td>
</tr>
<tr>
<td>8</td>
<td>Top Brick</td>
<td>2</td>
</tr>
<tr>
<td>9</td>
<td>ElectronicsAssem</td>
<td>1</td>
</tr>
<tr>
<td>10</td>
<td>Counter Weight Main Body</td>
<td>2</td>
</tr>
<tr>
<td>11</td>
<td>ElectronicsAssemRH</td>
<td>1</td>
</tr>
</tbody>
</table>

**Details:**

- Scale 1:2
- Item B
- Item 1
- Item 2
- Item 3
- Item 4
- Item 5
- Item 6
- Item 7
- Item 8
- Item 9
- Item 10
- Item 11

**MTU MAKERSPACE**

**NEW BRIDGE ASSEM TOP**

**PB-0**
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH:
TOLERANCES:
LINEAR:
ANGULAR:
FINISH: DEBURR AND BREAK SHARP EDGES

DO NOT SCALE DRAWING

REV. DESCRIPTION DATE
A RELEASED FOR PRODUCTION 10/22/2021
B REMOVED SIDE TABS AS WELL AS TOP/BOTTOM TABS 10/22/2021

NAME SIGNATURE DATE
DRAWN SAV 9/28/21
CHK'D
APPV'D
MFG
Q.A

MATERIAL: MDF, OR HARD 1/8 PLYWD
DWG NO. BP-1

WEIGHT: SCALE:1:5 SHEET 1 OF 1
<table>
<thead>
<tr>
<th>REV.</th>
<th>DESCRIPTION</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>RELEASED FOR PRODUCTION</td>
<td>10/22/2021</td>
</tr>
<tr>
<td>B</td>
<td>REMOVED TAB CUTOUTS, CHANGED DISTANCE FROM SIDE TO SLOT FROM 0.13 TO 0.17</td>
<td>10/22/2021</td>
</tr>
</tbody>
</table>

**Diagram:**

- PART SYMMETRIC ABOUT CENTERLINE

**Dimensions:**
- 10.100
- 2.00
- 0.13
- 0.17
- 0.25
- 0.125

**Notes:**
- UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS
- SURFACE FINISH: DEBURR AND BREAK SHARP EDGES
- TOLERANCES: +0.01, -0.00
- LINEAR:
- ANGULAR:

**Title:**

NEW LIFT GATE TOP-BOTTOM

**Drawing Information:**
- NAME: SAV
- SIGNATURE: 9/28/21
- DATE: 10/22/2021
- MATERIAL: SAV
- DWG NO: BP-2
- Q.A: A4
### REVISIONS

<table>
<thead>
<tr>
<th>REV.</th>
<th>DESCRIPTION</th>
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<th>APPROVED</th>
</tr>
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<tbody>
<tr>
<td>A</td>
<td>RELEASED FOR PRODUCTION</td>
<td>10/22/2021</td>
<td>SAV</td>
</tr>
<tr>
<td>B</td>
<td>MODIFIED TAB DEPTH TO 0.145 FROM 0.125, CHANGED RADII TO 0.0625 FROM 0.3125</td>
<td>10/22/2021</td>
<td></td>
</tr>
</tbody>
</table>

**BRIIDGE SIDES NO ELEC.**

**BP-3**

**MATERIAL:** 1/8" MDF OR PLYWD

**SCALE:** 1:2

**WEIGHT:**

**DESCRIPTION:**

- [**B**] 
  - (0.145)

- [**B**] 
  - (R0.063)

**NOTES:**

- UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS.
- SURFACE FINISH: DEBURR AND BREAK SHARP EDGES.
- TOLERANCES: LINEAR AND ANGULAR.

**DATE:** 9/28/2021

**SIGNATURE:** SAV

**DRAWN:** SAV

**CHECKED:**

**APPROVED:**

**MANUFACTURED:**

**QUALITY ASSURANCE:**

**DRAWING NUMBER:** A4

**SCALE:** 1:2

**SHEET:** 1 OF 1
NEW Bridge Front Face

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH: DEBURR AND BREAK SHARP EDGES
TOLERANCES:
LINEAR:
ANGULAR:

NAME | SIGNATURE | DATE | TITLE:
--- | --- | --- | ---
DRAWN | SAV | 9/28/21 | BP-4
CHECKED | | | A4
APPROVED | | | SHEET 1 OF 1
MANUFACTURED | | | SCALE:1:2
QUALITY ASSURANCE | | | WEIGHT:
<table>
<thead>
<tr>
<th>REV.</th>
<th>DESCRIPTION</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>RELEASED FOR PRODUCTION</td>
</tr>
<tr>
<td>B</td>
<td>THREE HOLES ADDED FOR LATCHING MICROSWITCHES, CUTOUT MOVED TO BACK</td>
</tr>
</tbody>
</table>

**Material:**

1/8" MDF OR PLYWD

**Title:**

NEW BRIDGE TALL PART WITH SERVO ONLY

**Scale:**

1:2

**Sheet:**

1 of 1
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH: DEBURR AND BREAK SHARP EDGES
TOLERANCES: DO NOT SCALE DRAWING

BACK PORTION TOP
BP-7

MATERIAL: 1/8 MDF OR PLYWD

SAV 9/28/21
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH:
TOLERANCES:
LINEAR:
ANGULAR:

DO NOT SCALE DRAWING

REVISION
A

NAME SIGNATURE DATE

MATERIAL: 1/8 MDF OR PLYWD

WEIGHT:

SCALE: 2:1

SHEET 1 OF 1

BP-8

BACK PORTION
MID

SAV
9/28/21

DRAWN

CHECKED

APPROVED

MANUFACTURED

QUALITY ASSURANCE
<table>
<thead>
<tr>
<th>REV.</th>
<th>DESCRIPTION</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>RELEASED FOR PRODUCTION</td>
<td>10/22/2021</td>
</tr>
</tbody>
</table>

**Dimensions:**
- D1: 0.19
- D2: 0.3125
- D3: 0.375
- D4: 0.80
- D5: 0.50
- D6: 1.13
- D7: 1.50
- D8: 1.80

**Title:**
- COUNTER WEIGHT
- MAIN BODY

**Material:**
- OAK OR OTHER HRDWOOD

**Scale:**
- 1:1

**Title No.:**
- BP-9

**Drawing Information:**
- DRAWN: SAV
- CHK'D
- APPV'D
- MFG
- Q.A

**Do Not Scale Drawing:**
- REVISION A
UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH:
TOLERANCES:
LINEAR:
ANGULAR:

DO NOT SCALE DRAWING

REVISION A

BRIDGE SIDE W/ SERVO AND CONTROLLER
BP-10

A4

SCALE: 1:2

SHEET 1 OF 1
REVISIONS

<table>
<thead>
<tr>
<th>REV.</th>
<th>DESCRIPTION</th>
<th>DATE</th>
</tr>
</thead>
<tbody>
<tr>
<td>A</td>
<td>RELEASED FOR PRODUCTION</td>
<td>10/22/2021</td>
</tr>
<tr>
<td>B</td>
<td>REMOVED 92 DEGREE ANGLE, WIDENED LEFT SLOT TO ACCOMODATE</td>
<td>10/22/2021</td>
</tr>
</tbody>
</table>

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN MILLIMETERS
SURFACE FINISH:
TOLERANCES:
LINEAR:
ANGULAR:
FINISH: DEBURR AND BREAK SHARP EDGES

TOP BRICK
BP-11