<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>FE-00001-01</td>
<td>1 3/4&quot; x 1 3/4&quot; x 1/8&quot; 6061 Aluminum Tubing</td>
<td>2</td>
</tr>
<tr>
<td>2</td>
<td>FE-00001-02</td>
<td>1/4&quot; 6061 Aluminum Plate</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>FE-00001-03</td>
<td>1&quot; Schedule 40 Aluminum Tube</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>FE-00001-04</td>
<td>1 7/16&quot; Dia. 6061 Aluminum Solid Rod</td>
<td>2</td>
</tr>
<tr>
<td>5</td>
<td>FE-00001-05</td>
<td>1 3/4&quot; x 1 3/4&quot; x 1/8&quot; 6061 Aluminum Tubing</td>
<td>1</td>
</tr>
</tbody>
</table>

Notes:
1. Remove all sharp edges

Weld pin inside tube

Plug weld this side prior to adding support rail.

UNLESS OTHERWISE SPECIFIED:
- DIMENSIONS ARE IN INCHES
- TOLERANCES: FRACTIONAL 1/16, 1/32, 1/64, ANGULAR MACH 1° BEND, TWO PLACE DECIMAL .01

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Title: Drivers Station Support

Revision: B

Scale: 1:4

Weight: SHEET 1 OF 3

Dimensions: 35.00 x 22.00
### Sheet 1 of 2

#### Corner Supports, Left

<table>
<thead>
<tr>
<th>PART NO.</th>
<th>DESCRIPTION</th>
<th>QTY.</th>
</tr>
</thead>
<tbody>
<tr>
<td>FE-00002-01</td>
<td>1 3/4&quot; x 1 3/4&quot; x 1/8&quot; 6061 Aluminum Tubing</td>
<td>1</td>
</tr>
<tr>
<td>FE-00002-02</td>
<td>1 7/16&quot; Dia. 6061 Aluminum Solid Rod</td>
<td>1</td>
</tr>
<tr>
<td>FE-00002-03</td>
<td>1 3/4&quot; x 1 3/4&quot; x 1/8&quot; 6061 Aluminum Tubing</td>
<td>1</td>
</tr>
<tr>
<td>FE-00002-04</td>
<td>1&quot; Schedule 40 Aluminum Tube</td>
<td>1</td>
</tr>
<tr>
<td>FE-00002-05</td>
<td>3&quot; x 1/4&quot; 6061 Aluminum Bar</td>
<td>1</td>
</tr>
<tr>
<td>FE-00002-06</td>
<td>1 7/16&quot; Dia. 6061 Aluminum Solid Rod</td>
<td>1</td>
</tr>
<tr>
<td>FE-00002-07</td>
<td>1 1/4&quot; Schedule 40 Aluminum Tube</td>
<td>1</td>
</tr>
</tbody>
</table>

#### Notes:
1. Left corner support shown, right is same components, mirror image assy.
2. Remove all sharp edges.

#### Dimensions:
- Before Item 7 is attached

#### Interpretation:
- Geometric tolerancing per ASME Y14.5M-2009.

#### References:

### Revision History

<table>
<thead>
<tr>
<th>REV.</th>
<th>DESCRIPTION</th>
<th>DATE</th>
<th>APPROVER</th>
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<tr>
<td>D</td>
<td>Redraw</td>
<td>5/19/2008</td>
<td>narosenberg</td>
</tr>
<tr>
<td>D2</td>
<td>Items renumbered, drawing reformatted</td>
<td>3/19/2020</td>
<td>CPO</td>
</tr>
</tbody>
</table>

#### Notes:
- Left corner support shown, right is same components, mirror image assy.
- Remove all sharp edges.
Notes:
1. Remove all sharp edges
1. Remove all sharp edges and burrs

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>FE-00004-01</td>
<td>3/16 Aluminum Diamond Plate</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>FE-00004-02</td>
<td>Hinge, Aluminum 3&quot; x .09&quot;, 1/4&quot; Pin</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>FE-00004-03</td>
<td>Hinge, Aluminum 3&quot; x .09&quot;, 1/4&quot; Pin</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>FE-00004-04</td>
<td>1 3/4&quot; x 1 3/4&quot; x 1/8&quot; Square 6061 Aluminum Tubing</td>
<td>2</td>
</tr>
<tr>
<td>5</td>
<td>FE-00004-05</td>
<td>3/4&quot; x 3/4&quot; x 1/8&quot; 6061 Aluminum 'U' Channel</td>
<td>1</td>
</tr>
<tr>
<td>6</td>
<td>FE-00004-06</td>
<td>1/4&quot; 6061 Aluminum Plate</td>
<td>1</td>
</tr>
<tr>
<td>7</td>
<td>FE-00004-07</td>
<td>Hinge, Aluminum 3&quot; x .09&quot;, 1/4&quot; Pin (2 Pieces Welded)</td>
<td>2</td>
</tr>
<tr>
<td>8</td>
<td>FE-00004-08</td>
<td>Hinge, Aluminum 3&quot; x .09&quot;, 1/4&quot; Pin</td>
<td>2</td>
</tr>
<tr>
<td>9</td>
<td>FE-00004-09</td>
<td>1/8&quot; 6061 Aluminum Plate</td>
<td>2</td>
</tr>
<tr>
<td>10</td>
<td>FE-00004-10</td>
<td>1/8&quot; 6061 Aluminum Plate</td>
<td>2</td>
</tr>
</tbody>
</table>
Notes:
1. Remove all sharp edges and burrs
Notes:
1. Remove all sharp edges and burrs.

ITEM NO. | PART NO. | DESCRIPTION | QTY.
--- | --- | --- | ---
1 | 0-00007-01 | 2" x 2" x 1/8" Sq. Corner w/35 Aluminum Angle | 1
2 | 0-00007-02 | 1 1/2" x 1 1/2" x 1/8" 6061 Aluminum Angle | 1
3 | 0-00007-03 | 1 7/16" 6061 Aluminum Round Stock | 2
Notes:
2. Remove all sharp edges.
Notes:
2. Remove all sharp edges.
Notes:
2. Remove all sharp edges.
Notes:
1. Material: 3/8" Thick Acrylic Sheet
Field Entry Ramp

DETAIL A
SCALE 1 : 4

DETAIL B
SCALE 1 : 4

DETAIL C
SCALE 1 : 4

welds should be centered on fingers of hinge

ITEM NO. | PART NUMBER | DESCRIPTION | QTY.
--- | --- | --- | ---
1 | FE-00014-01 | 3/16" 3003 Aluminum Diamond Plate | 2
2 | FE-00014-02 | 3" Aluminum Hinge, 1/4" Pin | 1
3 | FE-00014-03 | 3/4" x 3/4" x 1/8" 6061-T6 Aluminum 'U' Channel | 1
4 | FE-00014-04 | 3" x 3" x 1/4" 6061-T6 Aluminum Angle | 1
5 | FE-00014-05 | 1" x 1" x 1/8" 6061-T6 Aluminum Angle | 1
Note: Remove all sharp edges.
Notes:
1. Material: 1/8" Thick HDPE, Yellow.
2. Remove all sharp edges.
ITEM NO. | PART NUMBER | DESCRIPTION | QTY.
--- | --- | --- | ---
1 | FE-00018-01 | 1 1/4" Schedule 40 6061-T6 Aluminum Pipe | 1
2 | FE-00018-02 | 1" Schedule 40 6061-T6 Aluminum Pipe | 2
3 | FE-00018-03 | 3 1/2" x 1/4" 6061-T6 Aluminum Bar | 1

UNLESS OTHERWISE SPECIFIED:
- SCALE: 1:3
- WEIGHT:
- COMMENTS:
- Q.A.
- MFG APPR.
- ENG APPR.
- CHECKED
- DRAWN
- FINISH
- MATERIAL
- INTERPRET GEOMETRIC TOLERANCING PER:
- TOLERANCES:
- FRACTIONAL: 1/16
- TWO PLACE DECIMAL: 0.01
- THREE PLACE DECIMAL: 0.001
- DIMENSIONS ARE IN INCHES

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<table>
<thead>
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<th>ITEM NO.</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>FE-00005</td>
<td>Field Rail</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>FE-00026</td>
<td>Connector Pin</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>rivet_.1875_.251-.375</td>
<td>3/16&quot; Aluminum Rivet, .251-.375 Grip Range</td>
<td>4</td>
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**REVISIONS**

<table>
<thead>
<tr>
<th>ZONE</th>
<th>REV.</th>
<th>DESCRIPTION</th>
<th>DATE</th>
<th>APPROVED</th>
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<tr>
<td>B2</td>
<td>B</td>
<td>Connector Pin moved so both are on same side of assembly</td>
<td>3/15/2018</td>
<td>CPO</td>
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<tr>
<td>A4</td>
<td>C</td>
<td>Rivet description and part number changed to add more detail.</td>
<td>3/20/2020</td>
<td>CPO</td>
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</tbody>
</table>

**DETAIL A**

Scale 1 : 3

**UNLESS OTHERWISE SPECIFIED:**

Dimensions are in inches

Angular: Mach 1° bend

Fractional: 1/16

Two Place Decimal: .01

Three Place Decimal: .001

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<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>FE-00005</td>
<td>Field Rail</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>FE-00018</td>
<td>Corner Connector</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>rivet_.1875_.251-.375</td>
<td>3/16&quot; Aluminum Rivet, .251-.375 Grip Range</td>
<td>4</td>
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</table>

**REVISIONS**

<table>
<thead>
<tr>
<th>ZONE</th>
<th>REV.</th>
<th>DESCRIPTION</th>
<th>DATE</th>
<th>APPROVED</th>
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</thead>
<tbody>
<tr>
<td>A4</td>
<td>B</td>
<td>Removed use of FE-00018 Connector Pin, modified rivet part num and description.</td>
<td>3/20/2020</td>
<td>CPO</td>
</tr>
</tbody>
</table>

**SCALE: 1:10** **WEIGHT:** **SHEET 1 OF 1**
ITEM NO. | PART NUMBER | DESCRIPTION | QTY.
--- | --- | --- | ---
1 | FE-00005 | Field Rail | 1
2 | FE-00018 | Corner Connector | 1
3 | FE-00026 | Connector Pin | 2
4 | rivet_.1875_.251-.375 | 3/16" Aluminum Rivet, .251-.375 Grip Range | 8

REVISIONS

ZONE | REV. | DESCRIPTION | DATE | APPROVED
--- | --- | --- | --- | ---
A3, A4 | B | Additional FE-00026 Connector Pin added to assembly, rivet part number and description modified | 3/20/2020 | CPO
Notes:
1. Material: 1" Schedule 40 Pipe, 6061-T6 Aluminum
2. Remove all sharp edges
Notes:
1. Material: 6063 Aluminum
2. Remove all sharp edges
Notes:
2. Remove all sharp edges.
Notes:
2. Remove all sharp edges.
Notes:
1. Material: 1/4" Clear Polycarbonate
2. Remove all burrs and sharp edges.
Minimal Radius, TYP

R.13, 4 Places

ϕ.27 THRU 2 Places

Notes:
1. 12 Gauge 5052 Aluminum
2. Remove all burrs and sharp edges
Notes:
1. 12 Gauge 5052 Aluminum
2. Remove all burrs and sharp edges
<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY.</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>FE-00044</td>
<td>Field Plastic &quot;G&quot;</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>FE-00045</td>
<td>Lower Z-Bracket, Gate Plastic</td>
<td>2</td>
</tr>
<tr>
<td>3</td>
<td>FE-00046</td>
<td>Upper Z-Bracket, Gate Plastic</td>
<td>2</td>
</tr>
<tr>
<td>4</td>
<td>flat_phill_.25_20_.625</td>
<td>Steel Phillips Flat Head Screw, 1/4&quot;x20 x 5/8&quot; long, fully threaded</td>
<td>8</td>
</tr>
<tr>
<td>5</td>
<td>nylock_.25_20</td>
<td>Steel Nylon-Insert Locknut, 1/4&quot;-20</td>
<td>8</td>
</tr>
</tbody>
</table>

**Revisions**

- ZONE: A  
  - REV: A  
  - DESCRIPTION: Fastener part number and descriptions modified.  
  - DATE: 3/23/2020  
  - APPROVED: CPO
Note:
Material: 5052 Aluminum Sheet, 3/16" Thick
This drawing represents overall dimensions for AndyMark AM-2810. Please see the AndyMark website for more details regarding part dimensions.
Notes:
1. Description: 303 Stainless Steel Knurled Knob with 1/4"-28 Thread 1-3/4" Long Stud, 1" Head Diameter
2. Vendor: McMaster-Carr
3. Part Number: 6091K61
4. Equivalent substitutions allowed
<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QTY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>FE-00301</td>
<td>Side angle left</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>FE-00303</td>
<td>Side angle right</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>FE-00302</td>
<td>Cable protector top</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>Flat Hex .25_20_.75</td>
<td>Flat Hex .25_20_.75</td>
<td>10</td>
</tr>
<tr>
<td>5</td>
<td>TeeNut Ultra_split_rst_25_20</td>
<td>.25-20 TeeNut ultra split resistant</td>
<td>10</td>
</tr>
</tbody>
</table>
Notes:
1. Insert 5 10X in to the bottom of 1 and 2.
2. Attach 3 to 1 on 2 with 4 10X.
Align hook to edge and corner, 2 places

1" wide hook fastener, adhesive backed

Post Manufacturing Instructions
Assembly Notes:
1. Apply hook fastener to FE-00304.
2. Apply loop fastener to the hook fastener, but leave the plastic backing on the adhesive until assembly on the field.

Align hook and loop to edge as shown.

UNLESS OTHERWISE SPECIFIED:

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL ±1/2
ANGULAR, MACH ±1° BEND ±1°
TWO PLACE DECIMAL ±.01

MATERIAL/FINISH:

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COMMENTS:
REMOVE ALL BURRS AND SHARP EDGES.

DO NOT SCALE DRAWING

ITEM NO. PART NUMBER DESCRIPTION QTY.
1 FE-00304 Cable protector exit segment 1
2 Hook_1_6 1" x 6" Hook, Adhesive Backed 2
3 Loop_1_6 1" x 6" Loop, Adhesive Backed 2
### Notes:
1. Insert 5 BX to 4 and 3.
2. Attach 2 to 4 and 3 with 1 BX.

### Table: Item List

<table>
<thead>
<tr>
<th>ITEM NO.</th>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>QUANTITY</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>GE-22600</td>
<td>Cable protector top angled</td>
<td>1</td>
</tr>
<tr>
<td>2</td>
<td>GE-22602</td>
<td>Cable protector side right angled</td>
<td>1</td>
</tr>
<tr>
<td>3</td>
<td>GE-22603</td>
<td>Cable protector side left angled</td>
<td>1</td>
</tr>
<tr>
<td>4</td>
<td>Flat Hex 25_20 .75</td>
<td>Flat Hex 25_20 .75</td>
<td>8</td>
</tr>
<tr>
<td>5</td>
<td>.25-20 TeeNut ultra split resistant</td>
<td>8</td>
<td></td>
</tr>
</tbody>
</table>
Post Manufacturing Instructions

Align hook to edge as shown

1" hook fastener, adhesive backed
Notes:
1. Material: 0.25" HDPE, Black high gloss smooth
2. Remove burrs and sharp edges.
3. Label with part number

Material/Finish:
HDPE Black, Smooth High gloss finish

Tolerances:
Fractional: ±1/16
Angular: Mach ±1° Bend ±1°
Two Place Decimal: ±0.01
Three Place Decimal: ±0.005

Scale: 1:8

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES

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PROHIBITED.

Comments:
Remove all burrs and sharp edges.

DO NOT SCALE DRAWING

TITLE:
Cable protector top angled

VEND NAME DATE
GE-22601 NW 6/7/2021

MATERIAL/FINISH:
HDPE Black, Smooth High gloss finish

DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL: ±1/16
ANGULAR, MACH: ±1° BEND: ±1°
TWO PLACE DECIMAL: ±0.01
THREE PLACE DECIMAL: ±0.005

DO NOT SCALE DRAWING
Notes:
1. Material: 0.5" HDPE, Black high gloss smooth.
2. Remove all burrs and sharp edges.
3. Label with part number.

Material/Finish:
HDPE Black high gloss smooth

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL: ±1/16
ANGULAR, MACH: ±1° BEND: ±1°
TWO PLACE DECIMAL: ±0.01
THREE PLACE DECIMAL: ±0.005

COMMENTS:
REMOVE ALL BURRS AND SHARP EDGES.

DO NOT SCALE DRAWING

Notes:
1. Material: 0.5" HDPE, Black high gloss smooth.
2. Remove all burrs and sharp edges.
3. Label with part number.

Material/Finish:
HDPE Black high gloss smooth

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL: ±1/16
ANGULAR, MACH: ±1° BEND: ±1°
TWO PLACE DECIMAL: ±0.01
THREE PLACE DECIMAL: ±0.005

COMMENTS:
REMOVE ALL BURRS AND SHARP EDGES.

DO NOT SCALE DRAWING

Notes:
1. Material: 0.5" HDPE, Black high gloss smooth.
2. Remove all burrs and sharp edges.
3. Label with part number.

Material/Finish:
HDPE Black high gloss smooth

UNLESS OTHERWISE SPECIFIED:
DIMENSIONS ARE IN INCHES
TOLERANCES:
FRACTIONAL: ±1/16
ANGULAR, MACH: ±1° BEND: ±1°
TWO PLACE DECIMAL: ±0.01
THREE PLACE DECIMAL: ±0.005

COMMENTS:
REMOVE ALL BURRS AND SHARP EDGES.

DO NOT SCALE DRAWING
Notes:
1. Material: 0.5” HDPE, Black high gloss smooth.
2. Remove all burrs and sharp edges
3. Label with part number
DESCRIPTION: 6061-T6 ALUMINUM - LIGHT DUTY TRUSS, 48" X 12" X 12"

VENDOR: TOTAL STRUCTURES

PART NUMBER: TS 1212LD-048P

NOTE: SUBSTITUTIONS NOT ALLOWED

4' x 1' x 1' Square Truss
DESCRIPTION: 6061-T6 ALUMINUM - LIGHT DUTY TRUSS, 60" X 12" X 12"

VENDOR: TOTAL STRUCTURES

PART NUMBER: TS 1212LD-060P

NOTE: SUBSTITUTIONS NOT ALLOWED
DESCRIPTION: 6061-T6 ALUMINUM - LIGHT DUTY TRUSS, 3-SIDED CORNER BLOCK

VENDOR: TOTAL STRUCTURES

PART NUMBER: TS 1212LD-C3P

NOTE: SUBSTITUTIONS NOT ALLOWED
DESCRIPTION: CHEESE BOROUGH FOR TRUSS - MLM MEGA COUPLER, SILVER

VENDOR: TOTAL STRUCTURES VIA THE LIGHT SOURCE

PART NUMBER: MLM MEGA COUPLER

NOTE: SUBSTITUTIONS NOT ALLOWED