

20' Modular Backlit Exhibit



SET-UP MANUAL

OVERVIEW

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PARTS LIST

PG. 4

LARGE FRAME ASSEMBLY

PG. 5-8

CENTER FRAME ASSEMBLY

PG. 9-12

MOUNTOR MOUNT

PG. 13

SMALL FRAME ASSEMBLY

PG. 14-16

SEG ASSEMBLY / CARE

PG. 17

PACKING

PG. 18

8

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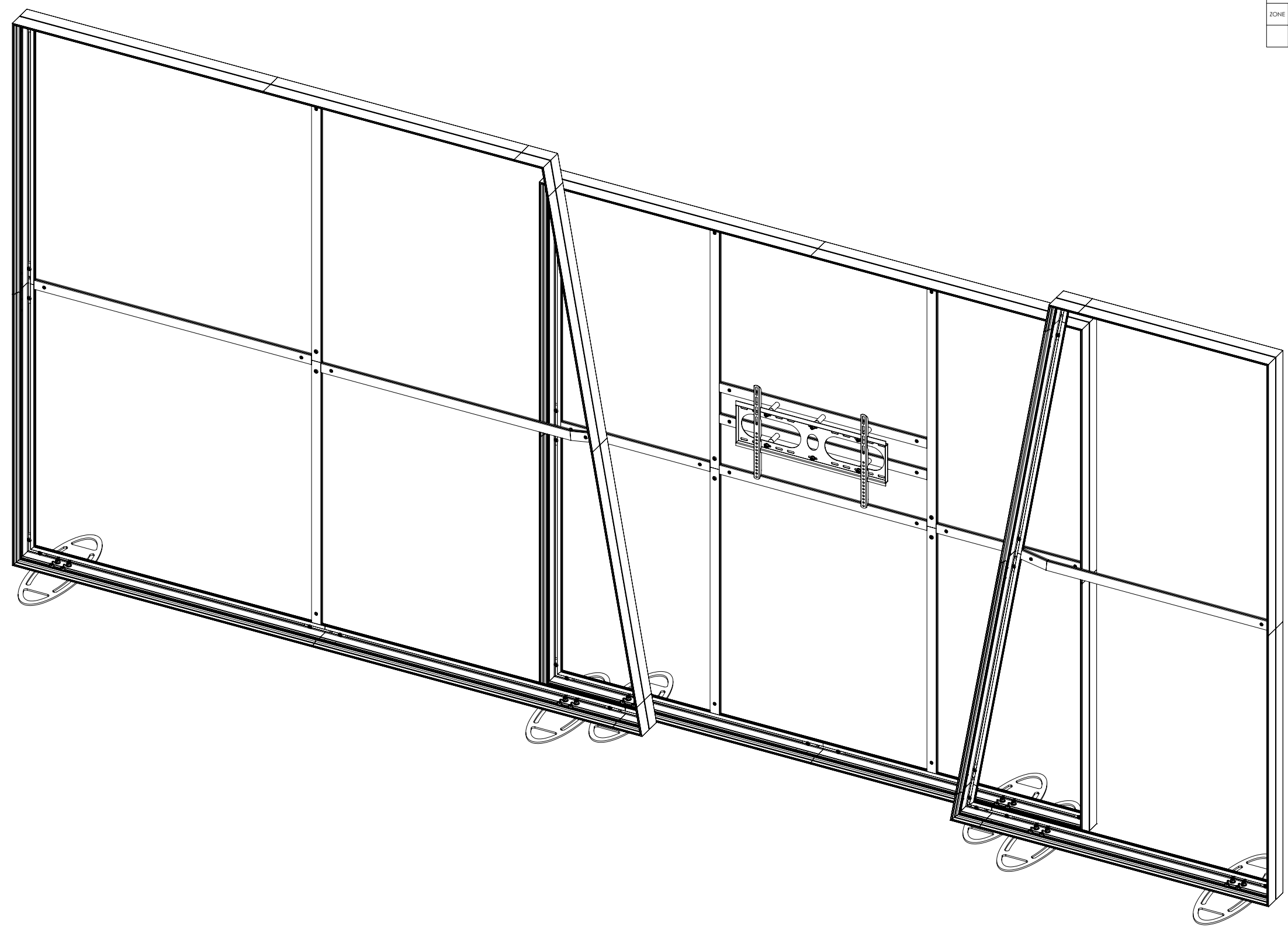
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2

1

| REVISIONS | | | | |
|-----------|------|----------------------|-----------|----------|
| ZONE | REV. | DESCRIPTION | DATE | APPROVED |
| | A | READY FOR PRODUCTION | 8/16/2016 | AR |

OVERVIEW



NOTES: UNLESS OTHERWISE SPECIFIED

- 1. ASSEMBLY TIME:
2 HOURS WITH 2 PEOPLE.

ANGLE-TRI-CENTER SINGLE SIDED FRAMES

| | | | | | |
|-----------|--|---------|-----------|--------------------|--------------------|
| DRAWN | | NAME | DATE | NIEDO GROUP, INC | |
| CHECKED | | ALEX R. | 8/16/2016 | TITLE: | |
| ENG APPR. | | | | ANGLE-TRI-CENTER | |
| MFG APPR. | | | | SINGLE-SIDED FRAME | |
| Q.A. | | | | SIZE | DWG. NO. |
| COMMENTS: | | | | D | ATC-216x96SSF-5inC |
| | | | | SCALE: 1:16 | REV |
| | | | | | A |

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THE WRITTEN PERMISSION OF NIEDO
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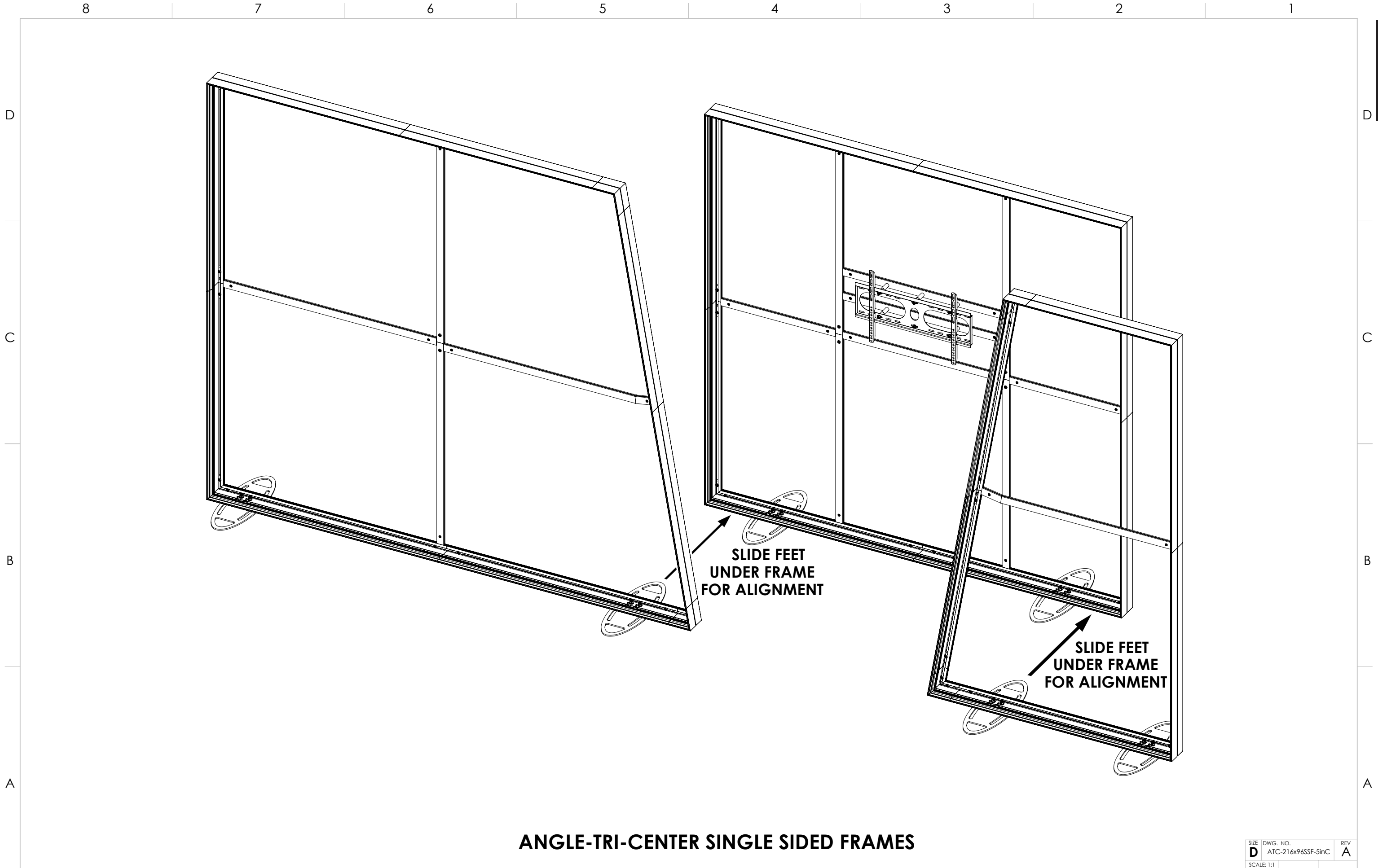
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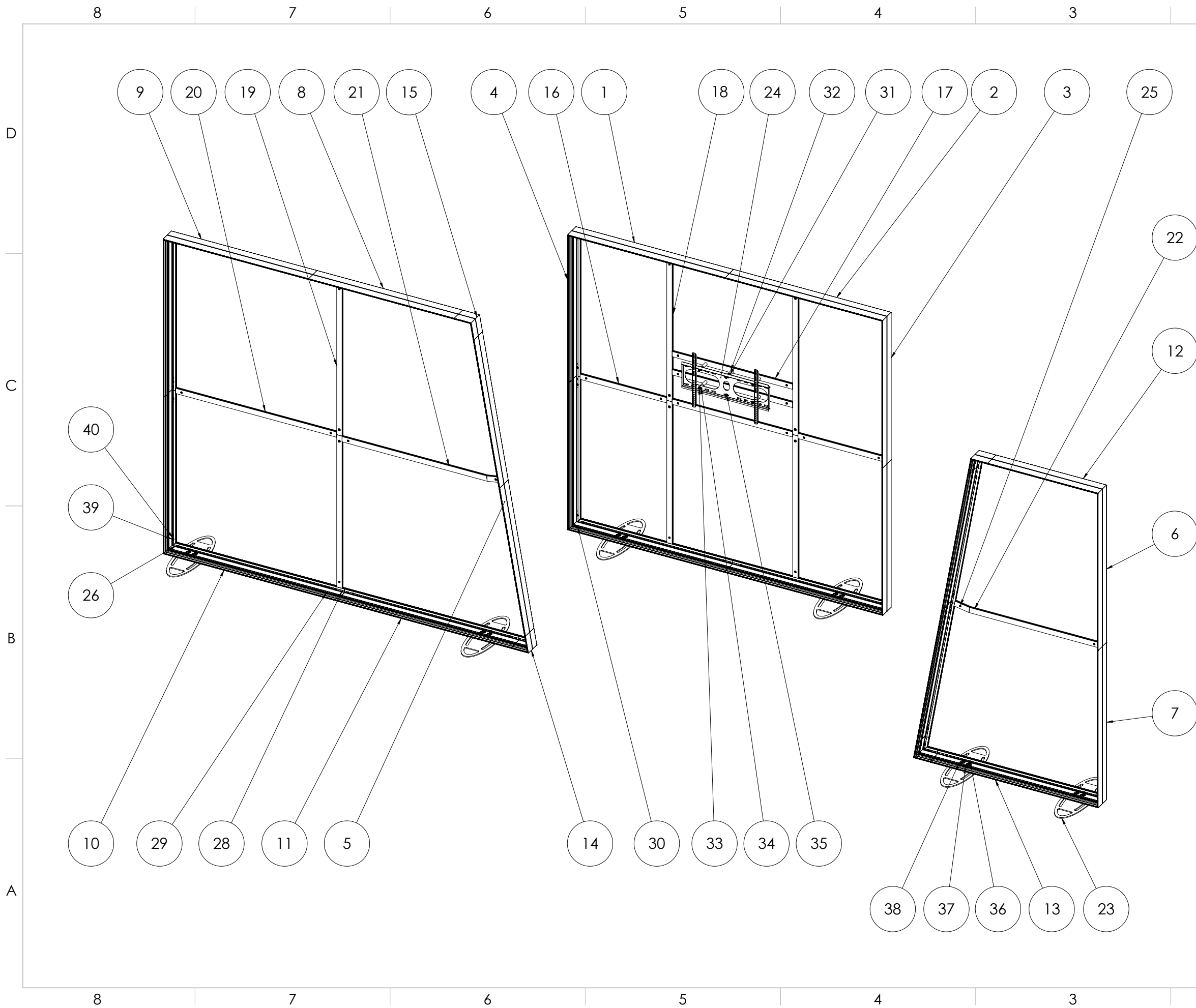
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ANGLE-TRI-CENTER SINGLE SIDED FRAMES

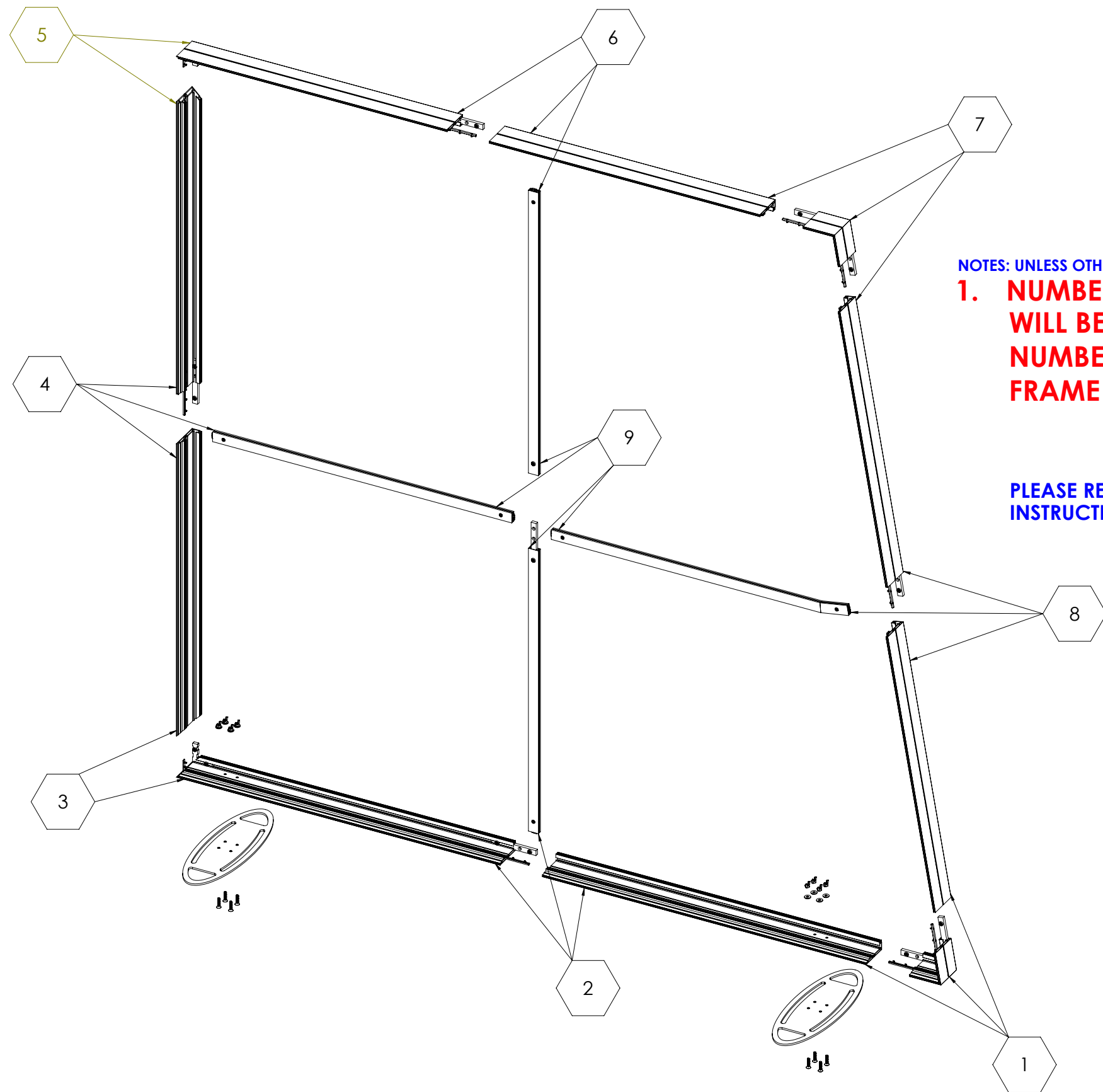
| | | |
|------------|--------------------|-----|
| SIZE | DWG. NO. | REV |
| D | ATC-216x96SSF-5inC | A |
| SCALE: 1:1 | | |



| ITEM NO. | PART NUMBER | DESCRIPTION | QTY. |
|----------|-------------|-----------------------------------|------|
| 1 | TL1023 | TL1023 - 46.57in Long - FRT1 | 2 |
| 2 | TL1023 | TL1023 - 46.57in Long - FRT2 | 2 |
| 3 | TL1023 | TL1023 - 45.00in Long - FRT1 | 2 |
| 4 | TL1023 | TL1023 - 45.00in Long - FRT2 | 2 |
| 5 | TL1023 | TL1023 - 43.74in Long - 90 Deg | 4 |
| 6 | TL1023 | TL1023 - 48.00in Long - FRT1 | 2 |
| 7 | TL1023 | TL1023 - 48.00in Long - FRT2 | 2 |
| 8 | TL1023 | TL1023 - 43.04in Long - 90 Deg | 1 |
| 9 | TL1023 | TL1023 - 43.04in Long - FRT | 1 |
| 10 | TL1023 | TL1023 - 51.50in Long - 90x45 Deg | 1 |
| 11 | TL1023 | TL1023 - 51.50in Long - 90 Deg | 1 |
| 12 | TL1023 | TL1023 - 32.67in Long - FRT4 | 1 |
| 13 | TL1023 | TL1023 - 49.60in Long - FRT4 | 1 |
| 14 | TL1023 | TL1023 - 5in x 80 Deg CORNER | 2 |
| 15 | TL1023 | TL1023 - 5in x 100 Deg CORNER | 2 |
| 16 | TLZ4400 | TLZ4400 - 25.60in Long | 2 |
| 17 | TLZ4400 | TLZ4400 - 35.63in Long | 3 |
| 18 | TLZ4400 | TLZ4400 - 43.42in Long | 4 |
| 19 | TLZ4400 | TLZ4400 - 46.42in Long | 2 |
| 20 | TLZ4400 | TLZ4400 - 47.62in Long | 1 |
| 21 | TLZ4400-AW | TLZ4400-Angle Widmt 47.32 Long | 1 |
| 22 | TLZ4400-AW | TLZ4400-Angle Widmt 43.14 Long | 1 |
| 23 | EBF-SS | ELLIPSE BASE FOOT | 6 |
| 24 | TL1007 | TL - LARGE MONITOR MOUNT | 1 |
| 25 | TL-LOCK | 13mm TENSION LOCK | 22 |
| 26 | H1005 | FLAT ALUM CAST L-BRACKET | 8 |
| 27 | H1011 | CONNECTOR for Z4400 Horiz-Splice | 3 |
| 28 | H1011 | CONNECTOR for TL1023 Frames | 18 |
| 29 | H1014 | T-Channel Lock Connector 200mm | 18 |
| 30 | H1001 | L-BRACKET 45mm x 45 mm | 8 |
| 31 | . | SPACER .75 Dia x 1.25in Long | 6 |
| 32 | . | SPACER .75 Dia x 2.00in Long | 6 |
| 33 | . | BOLTS 5/16-18 | 6 |
| 34 | . | WASHER 5/16 | 6 |
| 35 | . | NUT 5/16-18 | 6 |
| 36 | . | SCREW FLAT HD | 24 |
| 37 | . | WASHER FLAT | 24 |
| 38 | . | WING NUT | 24 |
| 39 | . | SCREW FLAT HD TORX | 42 |
| 40 | H0003 | WASHER LOCATING | 42 |

PARTS LIST

SIZE DWG. NO. REV
D ATC-216x96SSF-5inC **A**
 SCALE: 1:16 WEIGHT:



NOTES: UNLESS OTHERWISE SPECIFIED
1. NUMBERED HEX-BALLOONS WILL BE THE SAME AS THE NUMBERED LABELS ON EACH FRAME FOR ASSEMBLY.

PLEASE REFER TO PG.17 OF MANUAL FOR SEG INSTRUCTIONS

LARGE ASSEMBLY

**FRAME LABEL IDENTIFIER
 LEFT ANGLE SINGLE-SIDED FRAME**

| | | |
|------------|--------------------|-----|
| SIZE | DWG. NO. | REV |
| D | ATC-216x96SSF-5inC | A |
| SCALE: 1:1 | WEIGHT: | |

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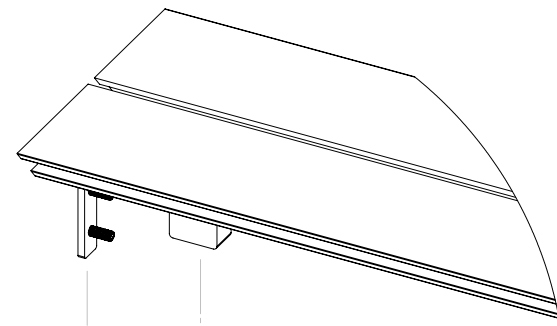
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B

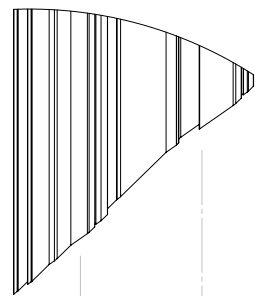
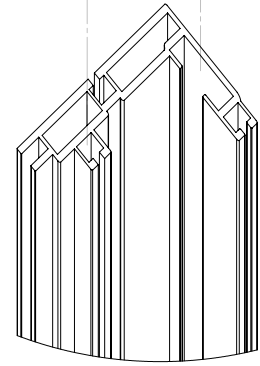
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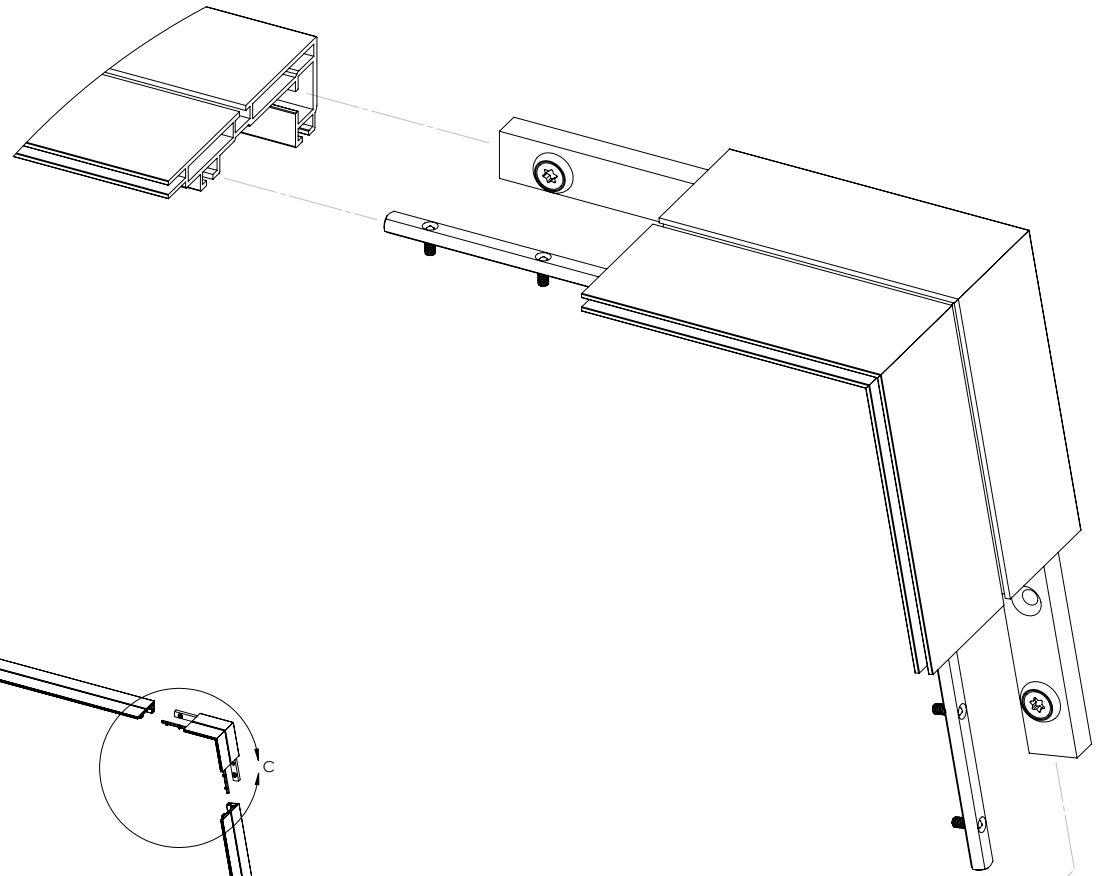
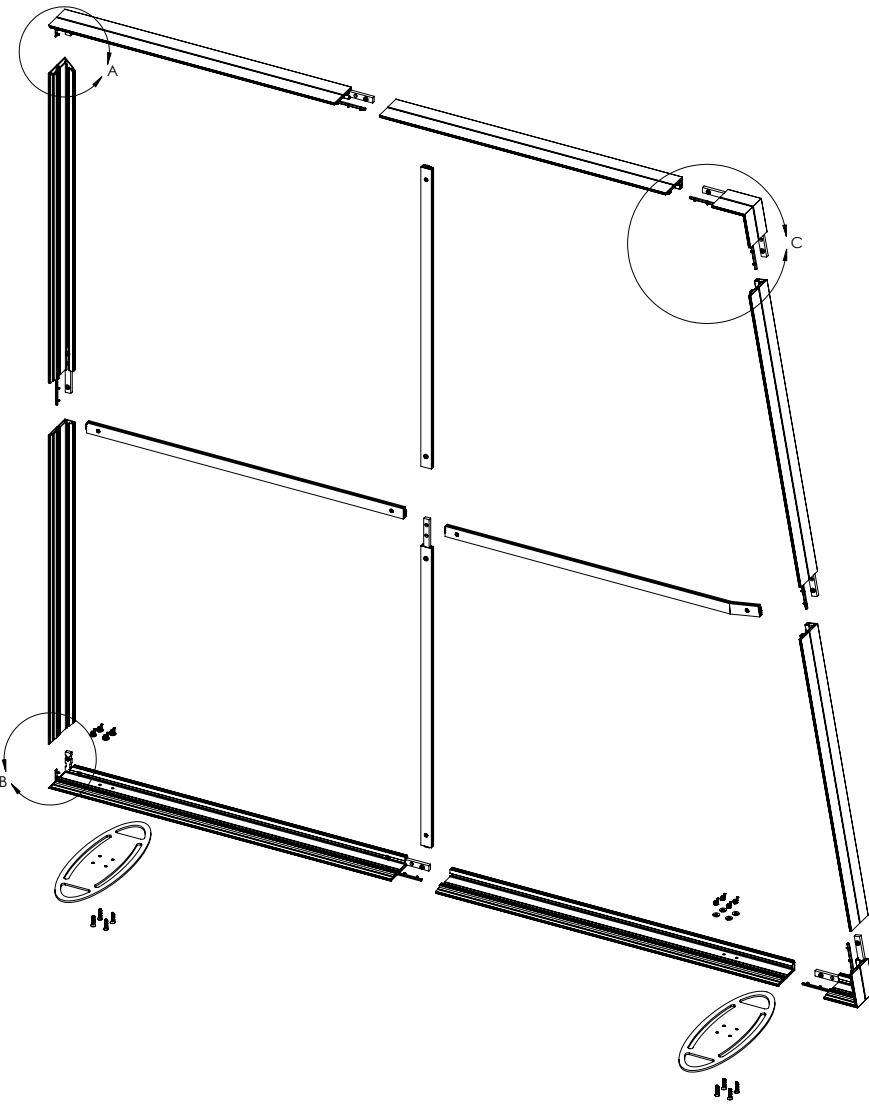
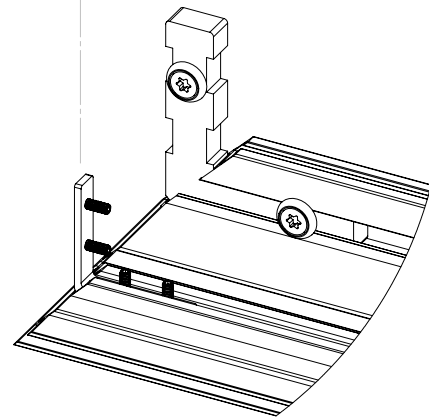
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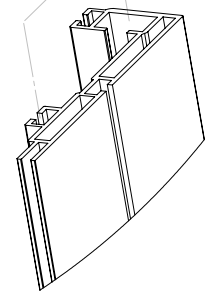
DETAIL A
SCALE 3 : 4



DETAIL B
SCALE 3 : 4



DETAIL C
SCALE 3 : 4



LARGE
ASSEMBLY

| | | |
|---------------------|--------------------|-----|
| SIZE | DWG. NO. | REV |
| D | ATC-216x96SSF-5inC | A |
| SCALE: 1:16/WEIGHT: | | |

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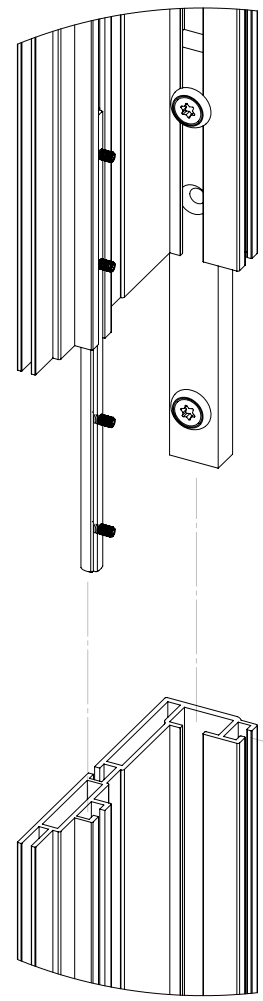
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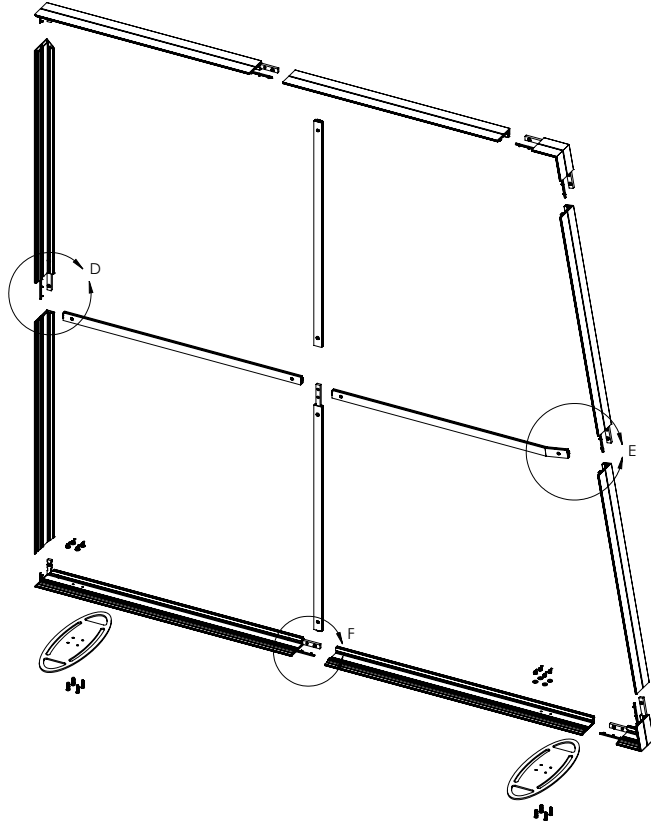
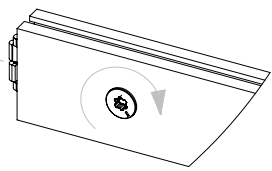
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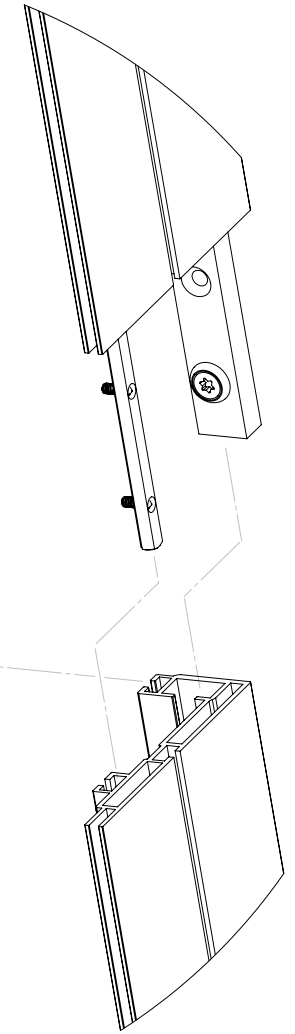
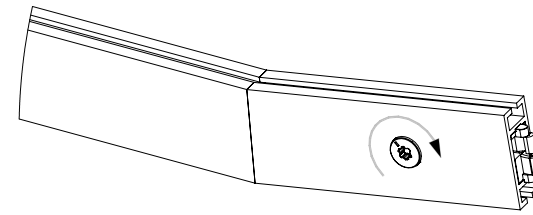
DETAIL D
SCALE 3 : 4

TURN TO LOCK
AND
REVERSE TO UNLOCK



DETAIL E
SCALE 3 : 4

TURN TO LOCK
AND
REVERSE TO UNLOCK



LARGE
ASSEMBLY

D

C

B

A

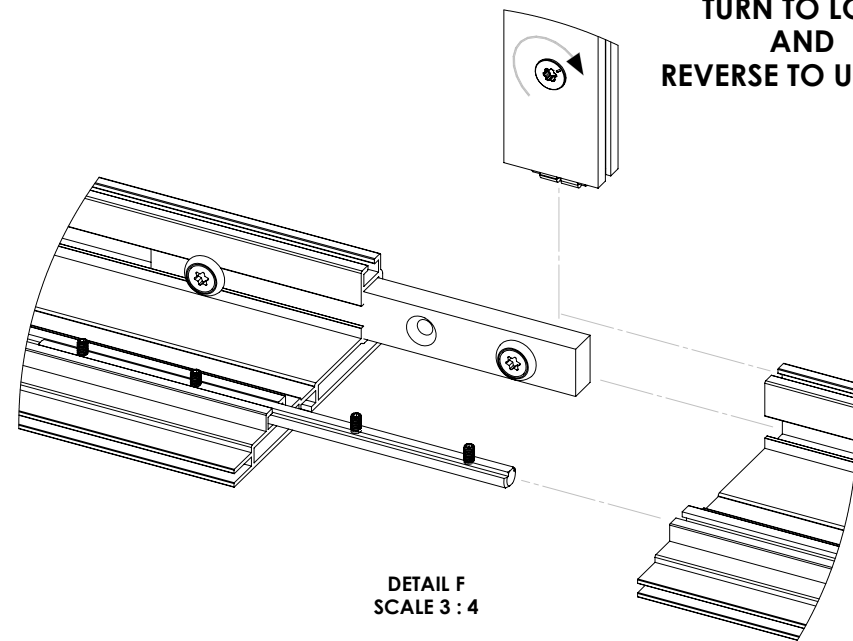
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TURN TO LOCK
AND
REVERSE TO UNLOCK



DETAIL F
SCALE 3 : 4

| | | |
|---------------------|--------------------|-----|
| SIZE | DWG. NO. | REV |
| D | ATC-216x96SSF-5inC | A |
| SCALE: 1:16/WEIGHT: | | |

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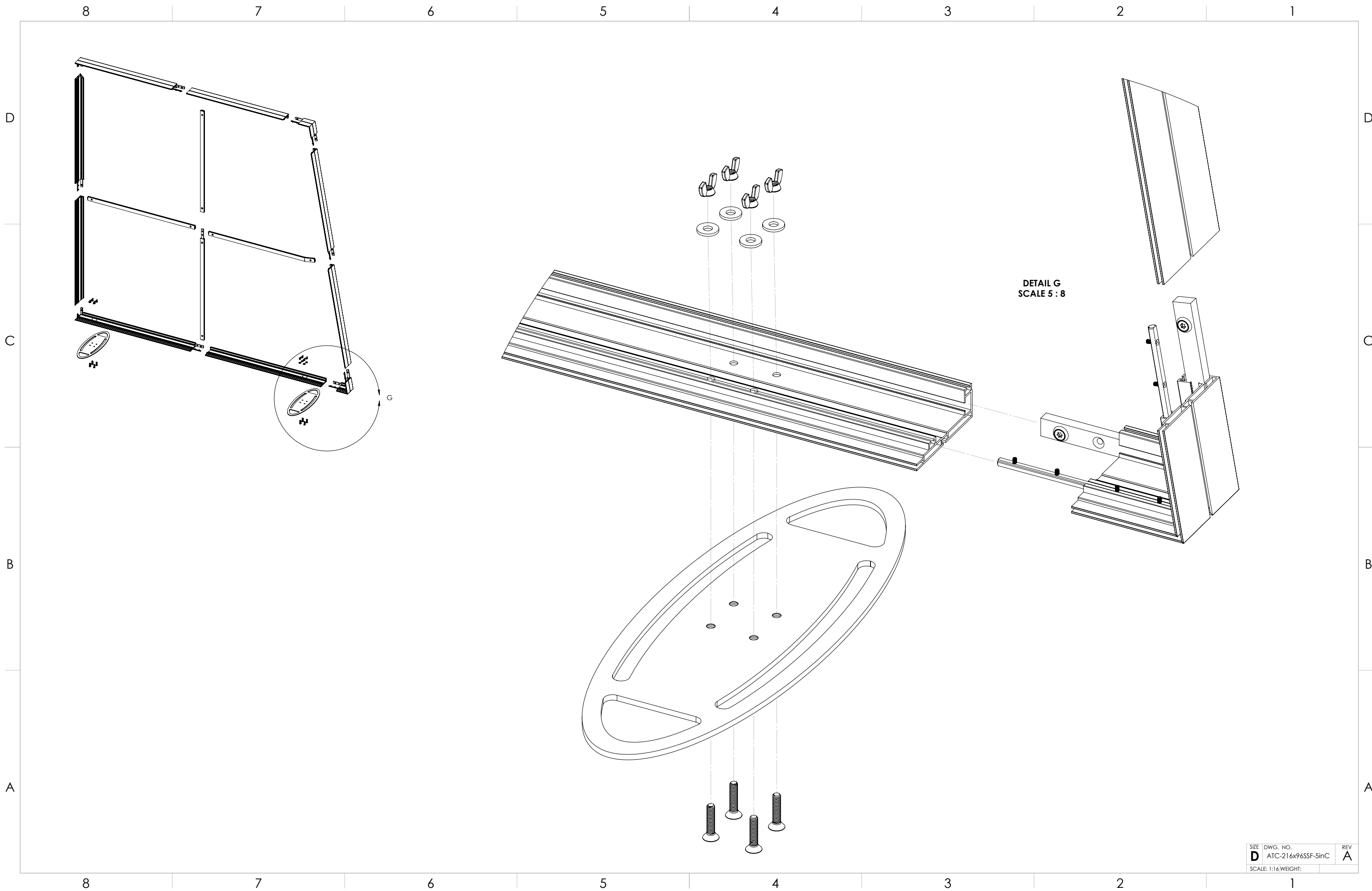
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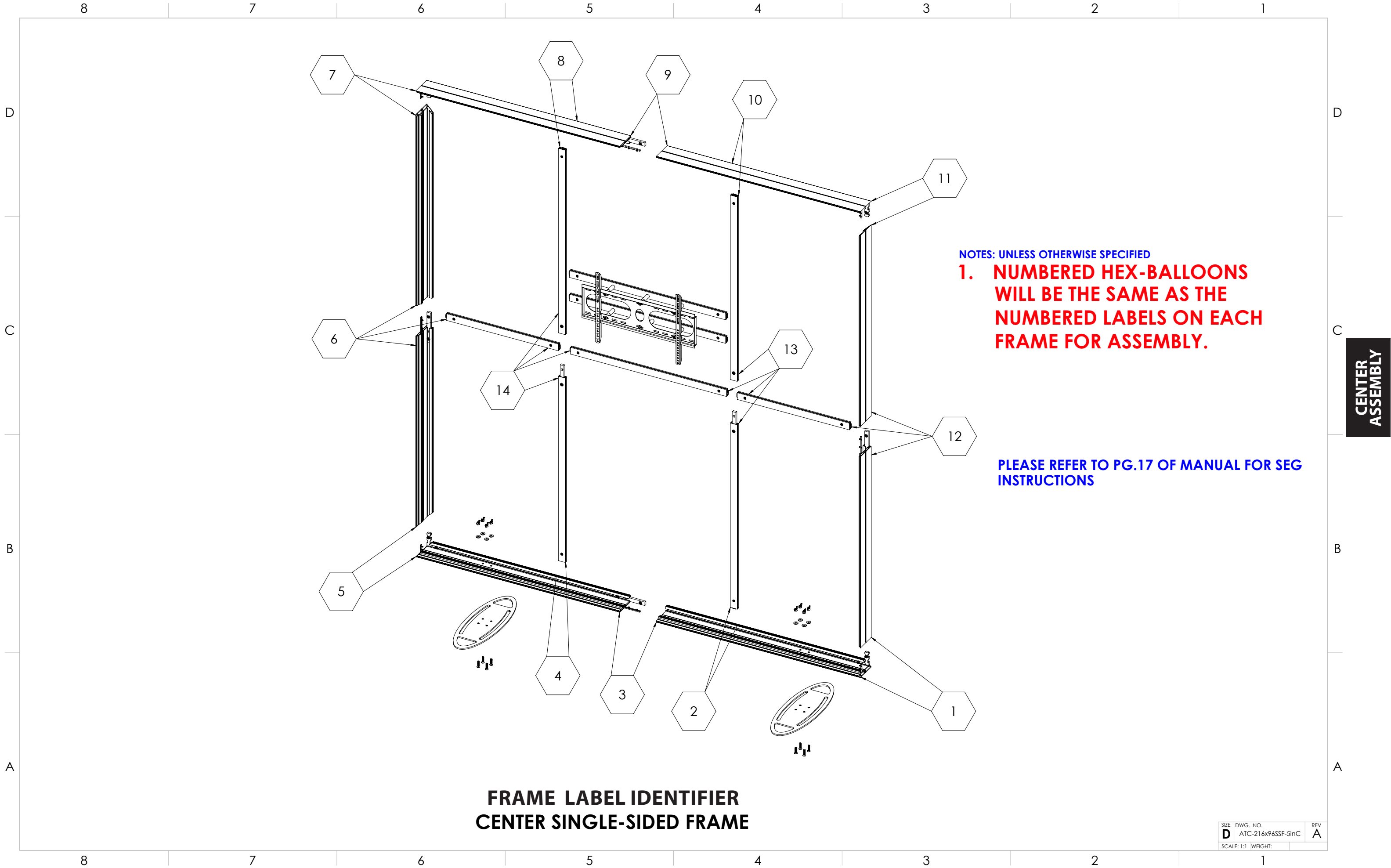
2

1



LARGE ASSEMBLY

| | | |
|---------------------|--------------------|-----|
| SIZE | DWG. NO. | REV |
| D | ATC-216x96SSF-5inC | A |
| SCALE: 1:16/WEIGHT: | | |



NOTES: UNLESS OTHERWISE SPECIFIED

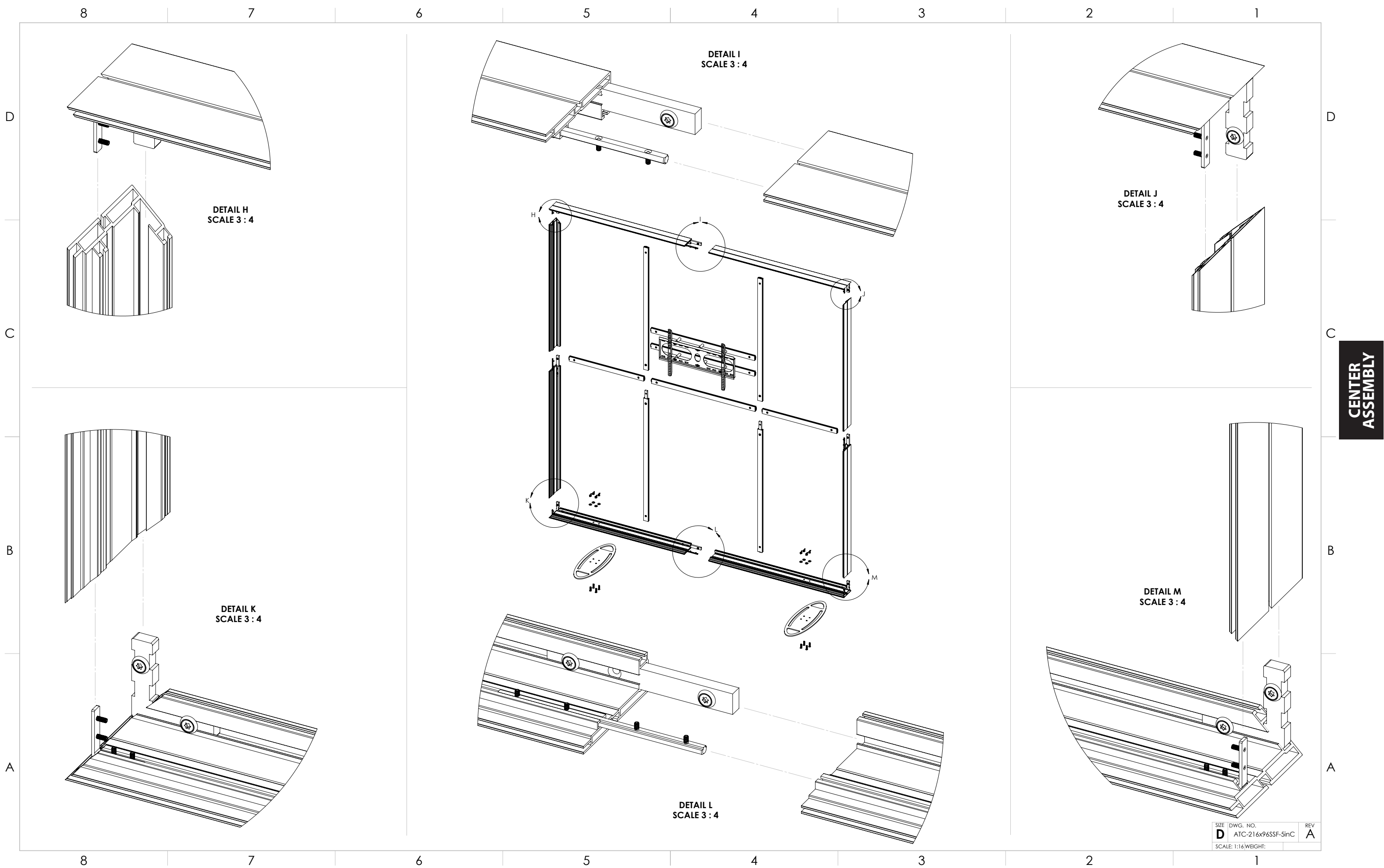
1. NUMBERED HEX-BALLOONS WILL BE THE SAME AS THE NUMBERED LABELS ON EACH FRAME FOR ASSEMBLY.

PLEASE REFER TO PG.17 OF MANUAL FOR SEG INSTRUCTIONS

CENTER ASSEMBLY

**FRAME LABEL IDENTIFIER
CENTER SINGLE-SIDED FRAME**

| | | |
|------------|--------------------|-----|
| SIZE | DWG. NO. | REV |
| D | ATC-216x96SSF-5inC | A |
| SCALE: 1:1 | WEIGHT: | |



| | | |
|---------------------|--------------------|-----|
| SIZE | DWG. NO. | REV |
| D | ATC-216x96SSF-5inC | A |
| SCALE: 1:16/WEIGHT: | | |

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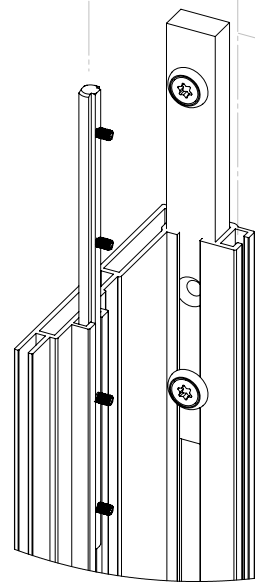
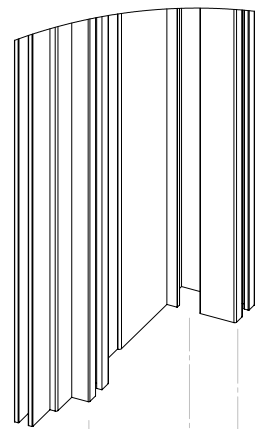
D

C

B

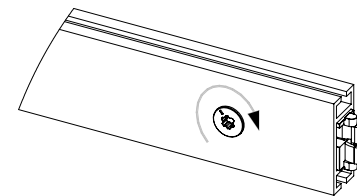
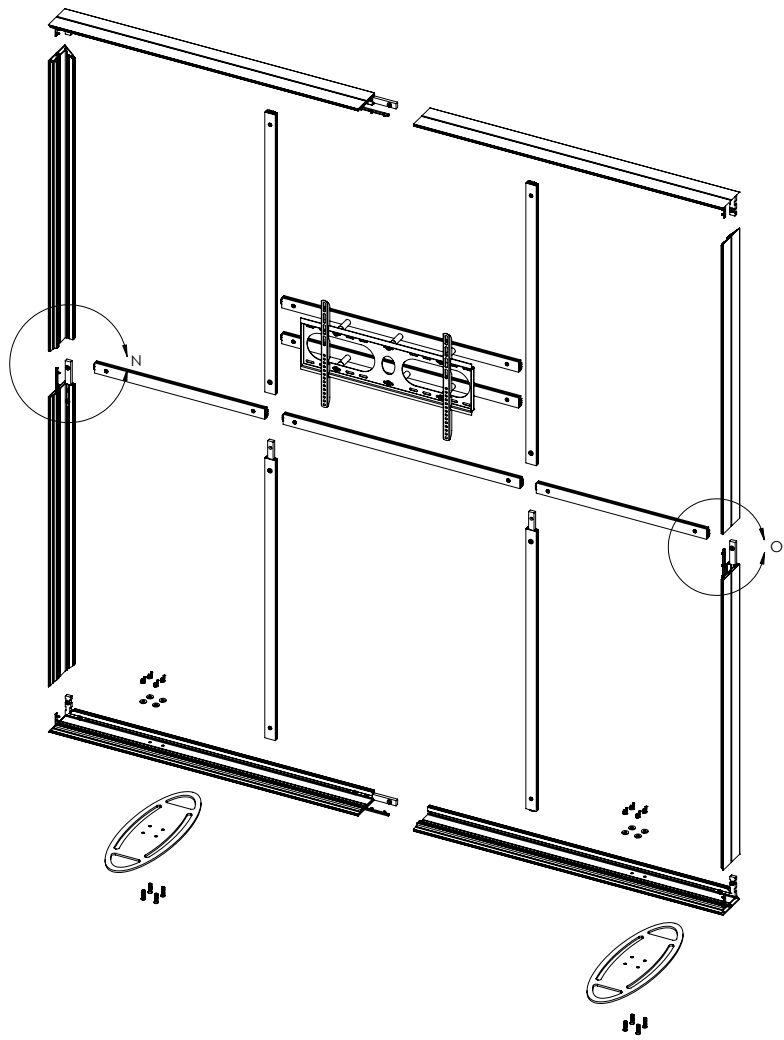
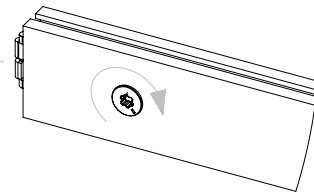
A

CENTER ASSEMBLY

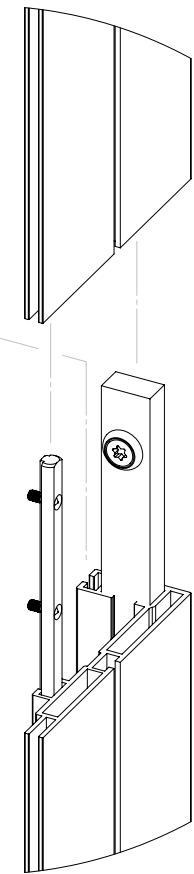


DETAIL N
SCALE 3 : 4

TURN TO LOCK
AND
REVERSE TO UNLOCK



TURN TO LOCK
AND
REVERSE TO UNLOCK



DETAIL O
SCALE 3 : 4

| | | |
|---------------------|--------------------|-----|
| SIZE | DWG. NO. | REV |
| D | ATC-216x96SSF-5inC | A |
| SCALE: 1:16/WEIGHT: | | |

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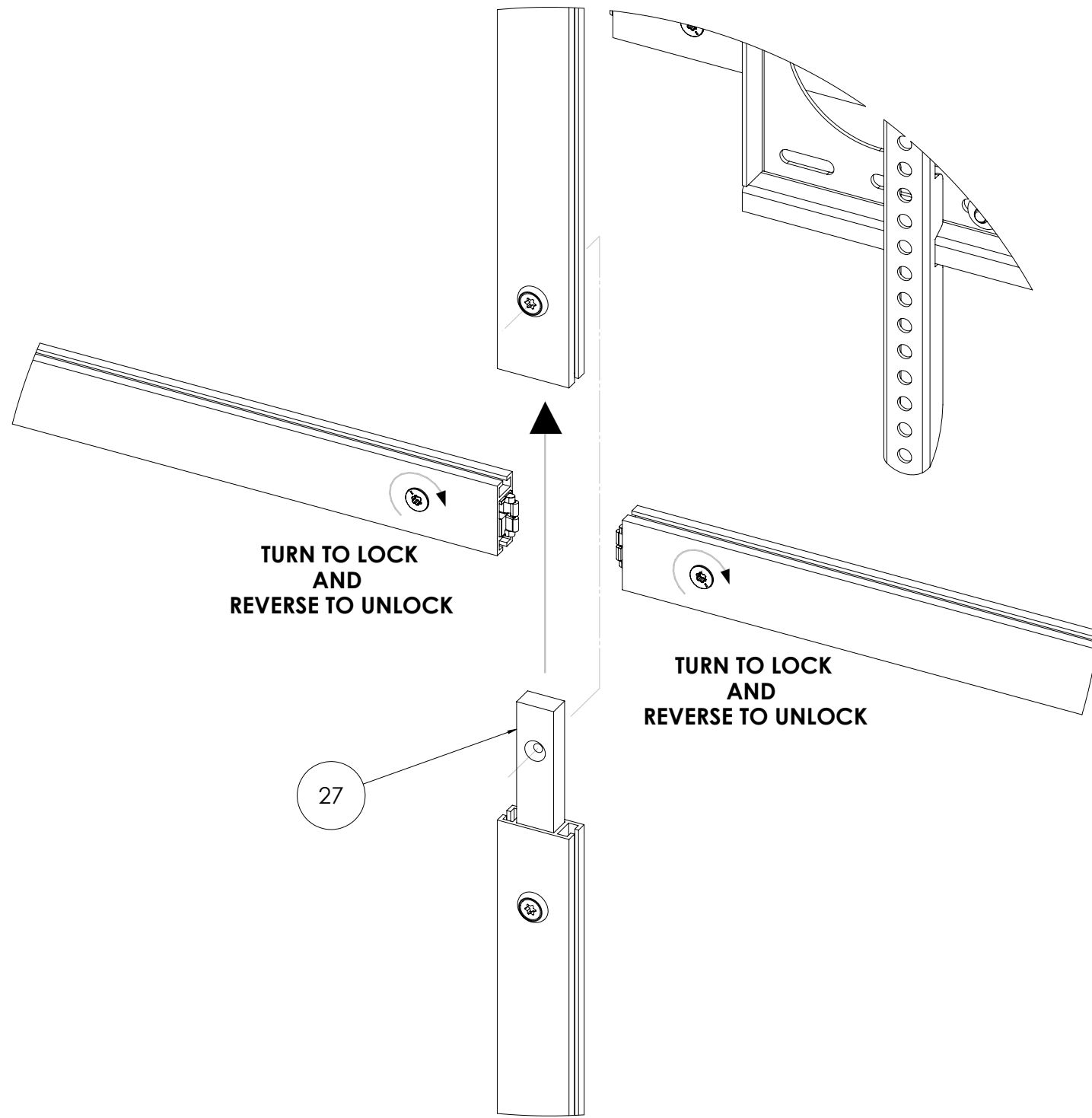
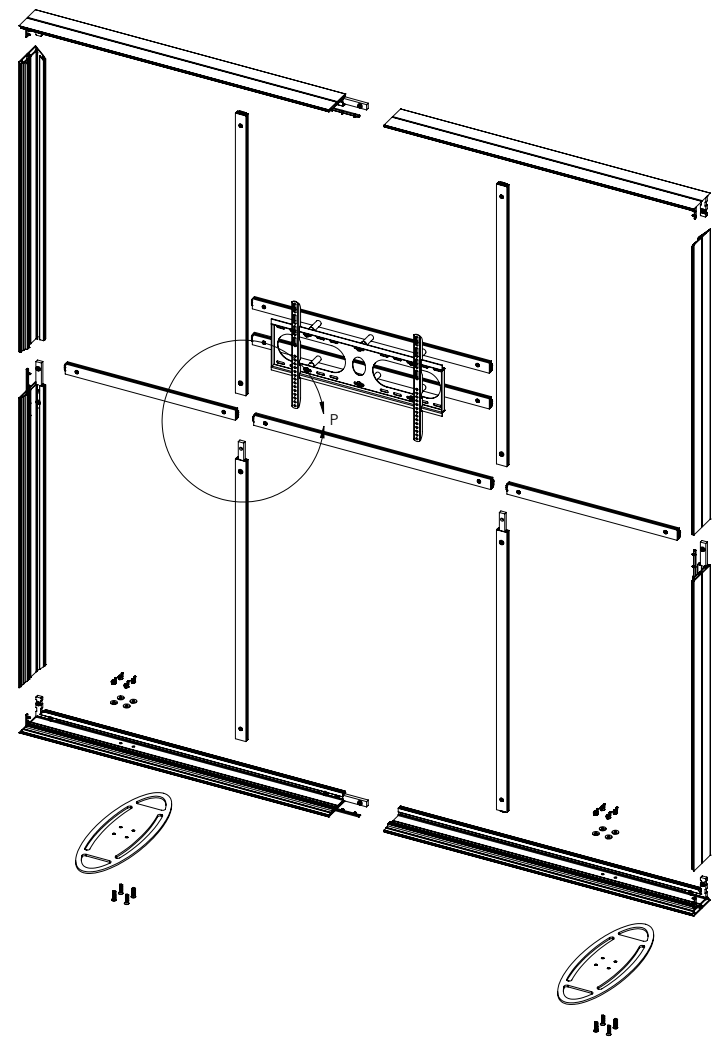
C

B

B

A

A



DETAIL P
SCALE 3 : 4

CENTER ASSEMBLY

| | | |
|---------------------|--------------------|-----|
| SIZE | DWG. NO. | REV |
| D | ATC-216x96SSF-5inC | A |
| SCALE: 1:16/WEIGHT: | | |

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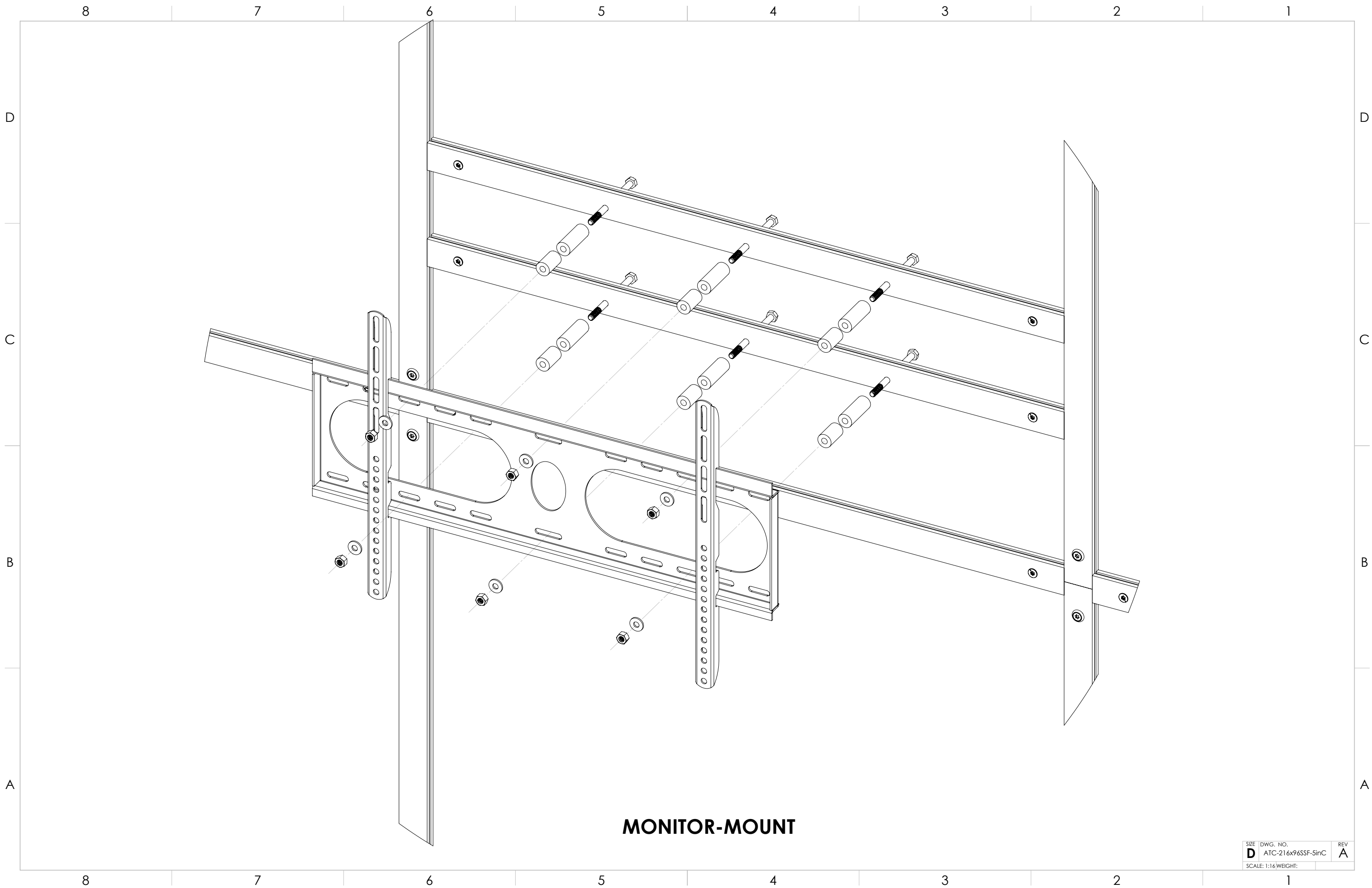
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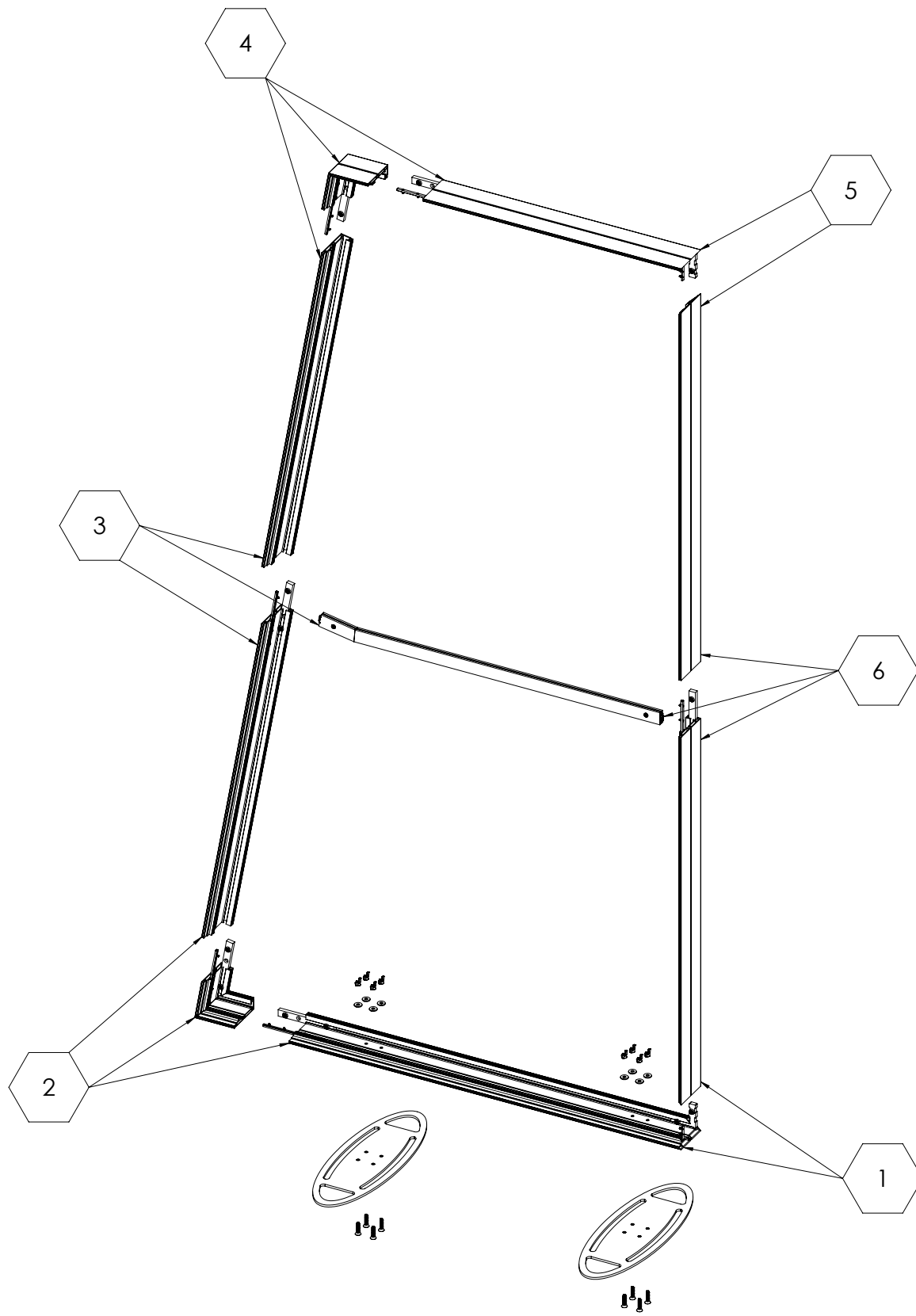
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**MONITOR
MOUNT**

MONITOR-MOUNT

| | | |
|---------------------|--------------------|----------|
| SIZE | DWG. NO. | REV |
| D | ATC-216x965SF-5inC | A |
| SCALE: 1:16/WEIGHT: | | |



NOTES: UNLESS OTHERWISE SPECIFIED

1. NUMBERED HEX-BALLOONS WILL BE THE SAME AS THE NUMBERED LABELS ON EACH FRAME FOR ASSEMBLY.

PLEASE REFER TO PG.17 OF MANUAL FOR SEG INSTRUCTIONS

**FRAME LABEL IDENTIFIER
RIGHT ANGLE SINGLE-SIDED FRAME**

| | | |
|------------|--------------------|-----|
| SIZE | DWG. NO. | REV |
| D | ATC-216x96SSF-5inC | A |
| SCALE: 1:1 | WEIGHT: | |

SMALL ASSEMBLY

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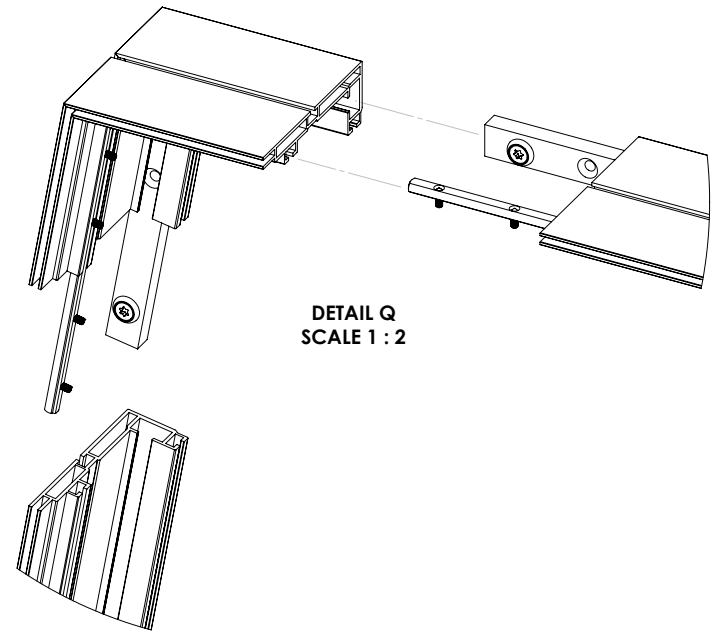
C

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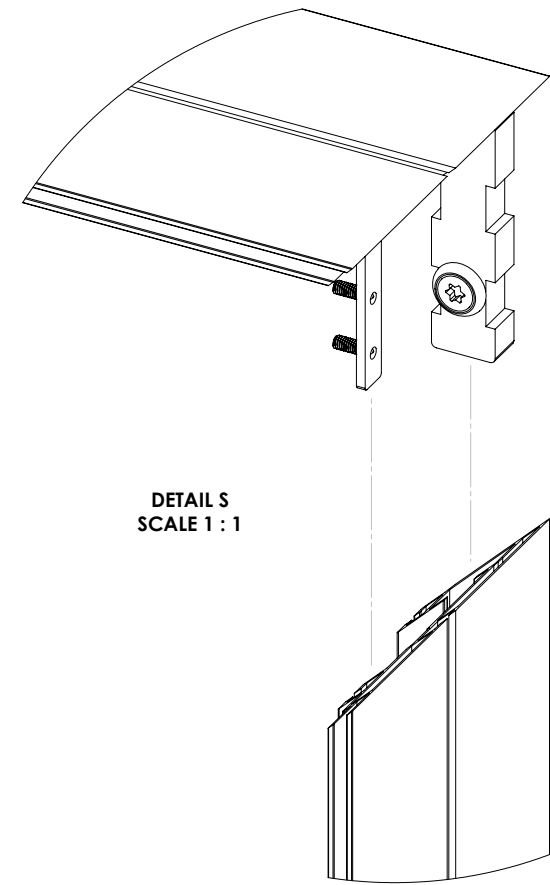
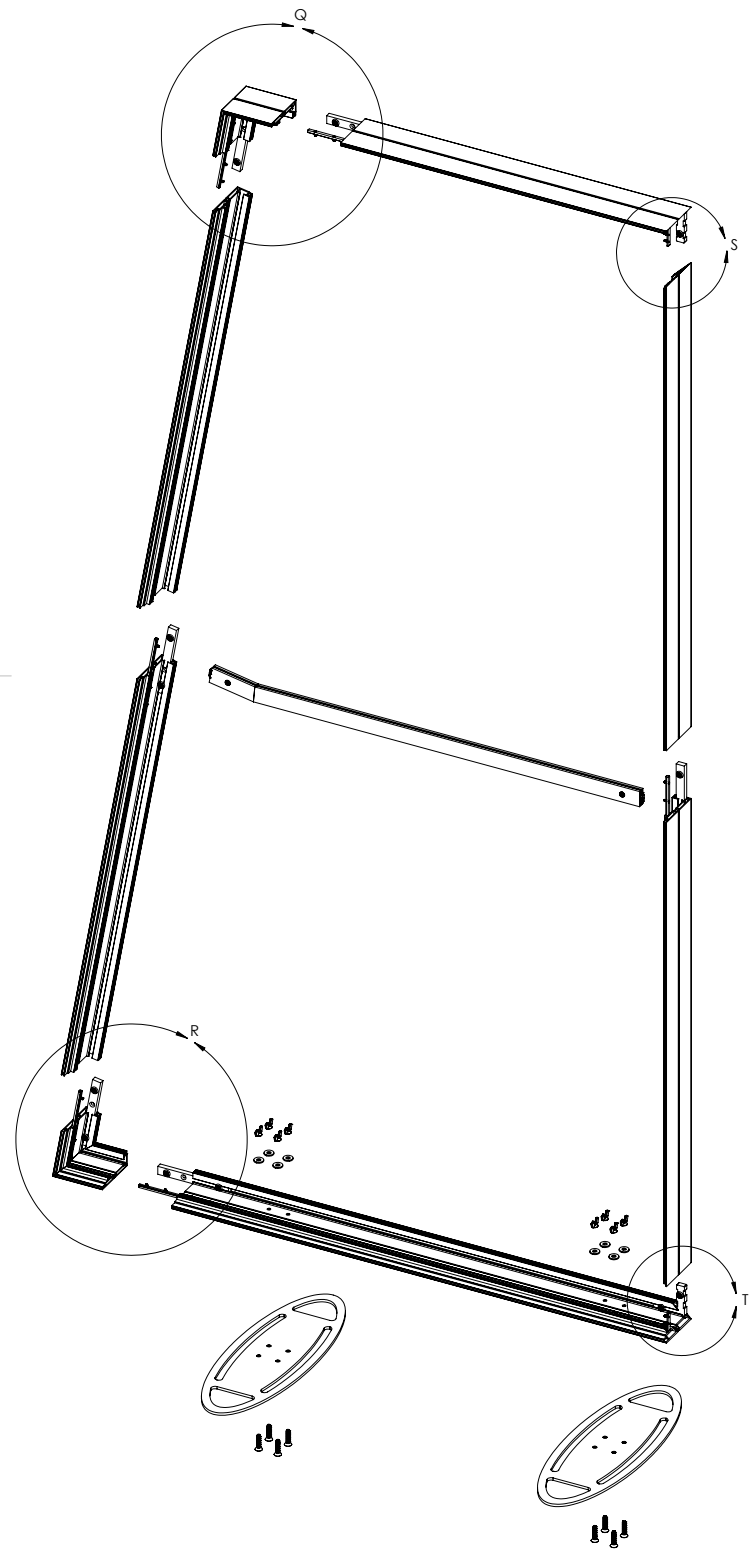
B

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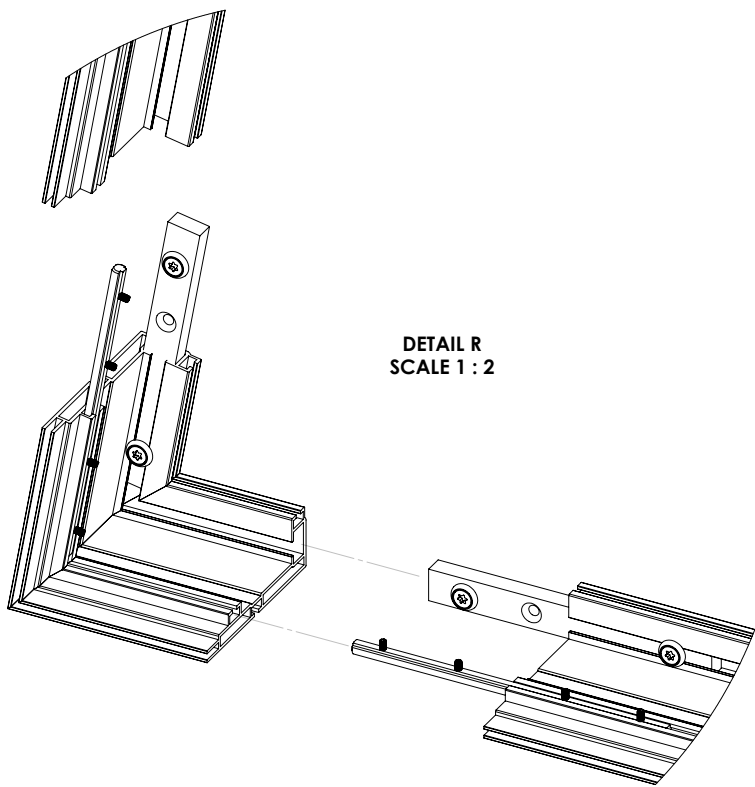
A



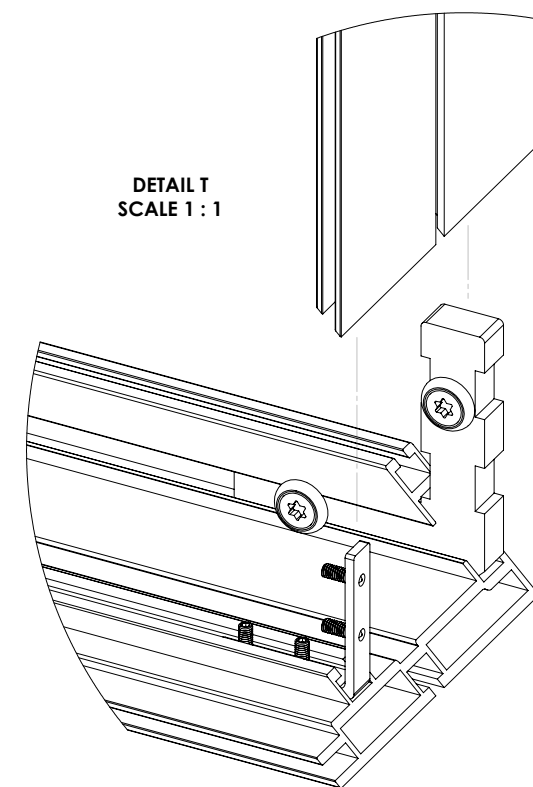
DETAIL Q
SCALE 1 : 2



DETAIL S
SCALE 1 : 1



DETAIL R
SCALE 1 : 2



DETAIL T
SCALE 1 : 1

SMALL
ASSEMBLY

| | | |
|---------------------|---------------------|-----|
| SIZE | DWG. NO. | REV |
| D | ATC-21 6x96SSF-5inC | A |
| SCALE: 1:16/WEIGHT: | | |

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D

C

C

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B

A

A

DETAIL U
SCALE 1 : 1

TURN TO LOCK
AND
REVERSE TO UNLOCK

DETAIL V
SCALE 1 : 1

TURN TO LOCK
AND
REVERSE TO UNLOCK

SMALL
ASSEMBLY

| | | |
|---------------------|--------------------|-----|
| SIZE | DWG. NO. | REV |
| D | ATC-216x96SSF-5inC | A |
| SCALE: 1:16/WEIGHT: | | |

Silicone Edge Graphics (SEG)

Installation Instructions into hardware

What are Silicone Edge Graphics (SEG)?

SEG are dye-sublimation fabric graphics with silicone strips sewn along the underside of the fabric's edge. SEG frames have grooves along their perimeter designed to snugly hold the silicone strips so the fabric can be stretched across the frame for a drum-tight fit.



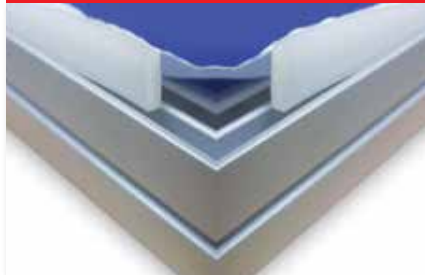
We recommend laying the frame on the floor, then draping the fabric graphic on top.

The following procedure ensures the silicone edge will be placed evenly over the entire frame and NOT STRETCH or GROW at the corners. Once all the edges have been secured, you should have a taut fit with a smooth flat finish.

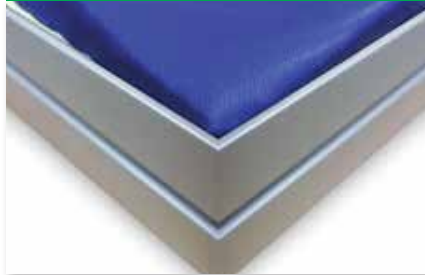
1: With Clean Hands,

Press SEG silicone edge first, into the corners of the frame.

INCORRECT WAY



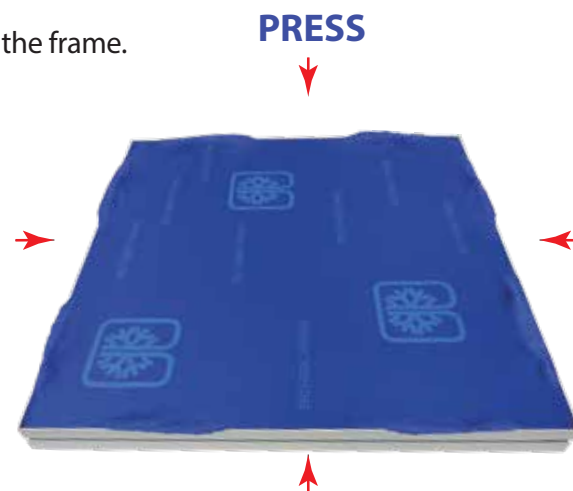
CORRECT WAY



2: Working in Centers.

Go back and press the silicone edge into the center - on each side of the frame.

EXAMPLE: A 20"x20" fabric/frame would be pressed in 8 locations.



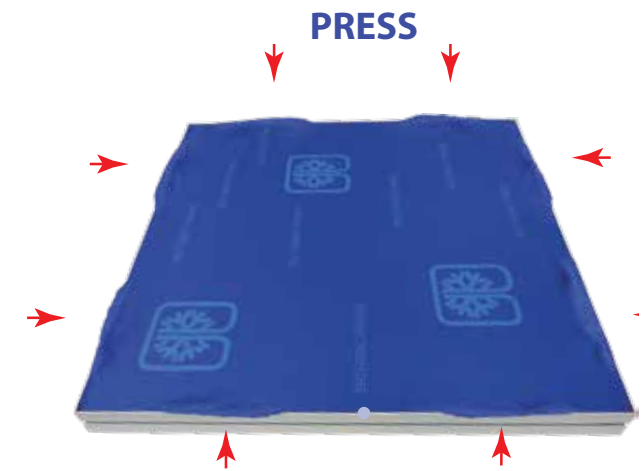
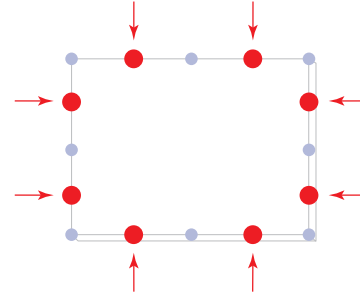
Cont'd.

3: Working in Centers again,

Go back and press the silicone edge once again on each side previous center, on all 4 sides.

Repeat this process, (WORKING IN CENTERS) until the SEG fabric's edge is pressed approximately every 6 inches apart.

EXAMPLE: A 8' x 8' frame (using this procedure) will have been pressed/tucked 15 times (not including corners) on each side of the frame.



4: After all has been pressed into your frame using

this procedure, lightly tap your forefinger to smooth fabric between the tucks.



FABRIC CARE INSTRUCTIONS

FOLDING:

Due to the fine quality, smoothness and weave of the fabric, great care must be taken to extend the life of your SEG fabric graphics.

We recommend **very loosely** folding your graphic, making sure there are **no hard creases or folds or that the fabric doesn't catch on sharp objects.**

STORING:

Store in a clean bag. A plastic bag or pillowcase is ideal. Graphics can also be spot cleaned with a damp cloth.

WASHING:

To wash entire graphic, use a commercial size front loading washing machine on gentle cycle with cool water. **DRY GENTLE-LOW HEAT DO NOT DRY CLEAN.**

IRONING:

You can also gently iron the back side using the Polyester setting of your iron.



RETAIN ALL PACKING MATERIAL

will make re-packing easier and reduce the likelihood of shipping damage.

TIGHTEN ALL SET SCREWS AND LOCKS

when disassembling aluminum extrusions, to prevent loss during shipping.



CASE 1 - 108" X 96" FRAME

| |
|--|
| Description |
| (5) Boxes with frame and parts |
| (1) Dye-Sub Graphic (1) Fabric Backer |
| LIGHTLY FOLD GRAPHICS - DO NOT CREASE |

CASE 2 - 94" X 90" FRAME

| |
|--|
| Description |
| (5) Boxes with frame and parts |
| Monitor Mount |
| (1) Dye-Sub Graphic (1) Fabric Backer |
| LIGHTLY FOLD GRAPHICS - DO NOT CREASE |

CASE 3 - 55" X 96" FRAME

| |
|--|
| Description |
| (5) Boxes with frame and parts |
| (1) Dye-Sub Graphic (1) Fabric Backer |
| LIGHTLY FOLD GRAPHICS - DO NOT CREASE |



STEP 1



Feed strap thru strap divider

STEP 2



Pull strap up and backwards

STEP 3



Smooth strap down and snugly fasten strap via velcro

CLEANING / CARE INSTRUCTIONS

Use care when cleaning aluminum extrusion.
Use only non-abrasive cleaners.

When cleaning laminate, metal fusion or counter tops use mild cleansers and a soft material such as cotton.

Keep all display components away from extreme heat and long exposure to sunlight to avoid warping and fading.