

# 20FT FIREFLY (TLIKIT1)



# SET-UP MANUAL

## OVERVIEW

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## PARTS LIST

PG. 4

## LARGE FRAME ASSEMBLY

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## CENTER FRAME ASSEMBLY

PG. 9-12

## MONITOR MOUNT

PG. 13

## SMALL FRAME ASSEMBLY

PG. 14-16

## SEG ASSEMBLY / CARE

PG. 17

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PG. 18

8

7

6

5

4

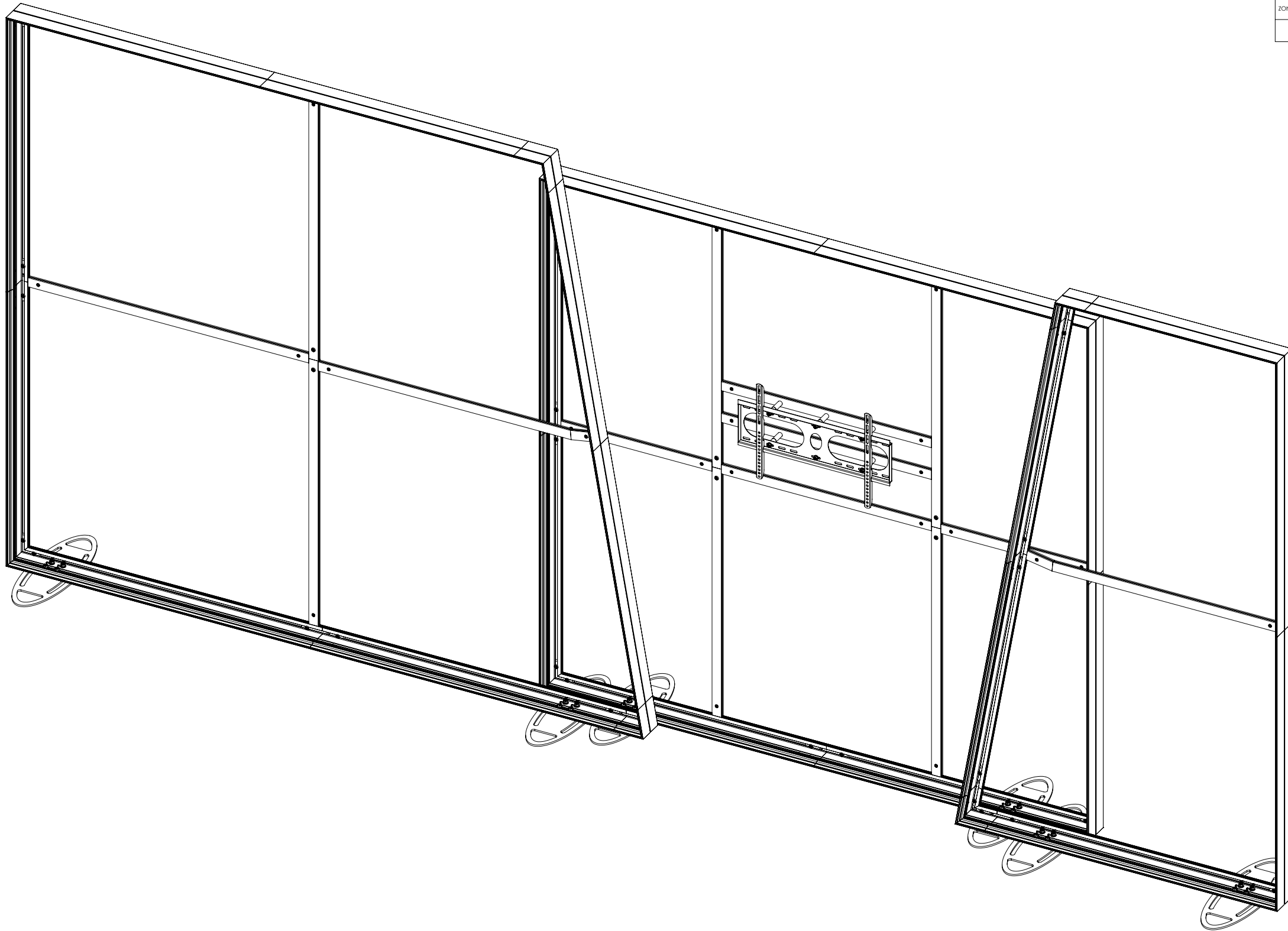
3

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

PROPRIETARY AND CONFIDENTIAL  
THE INFORMATION CONTAINED IN THIS  
DRAWING IS THE SOLE PROPERTY OF  
NIEDO GROUP. ANY REPRODUCTION,  
IN PART OR AS A WHOLE WITHOUT  
THE WRITTEN PERMISSION OF NIEDO  
GROUP IS PROHIBITED.

8

7

6

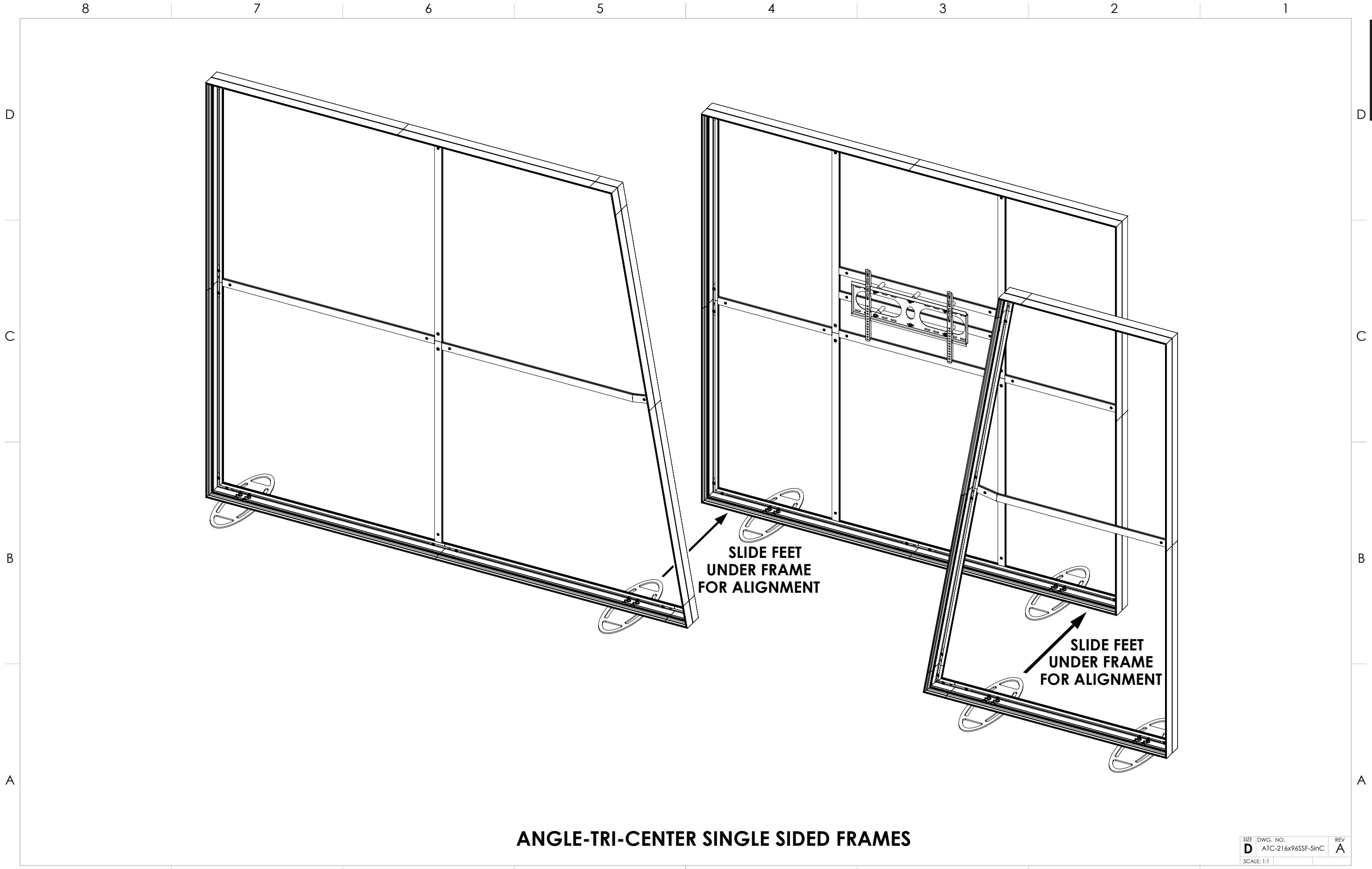
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4

3

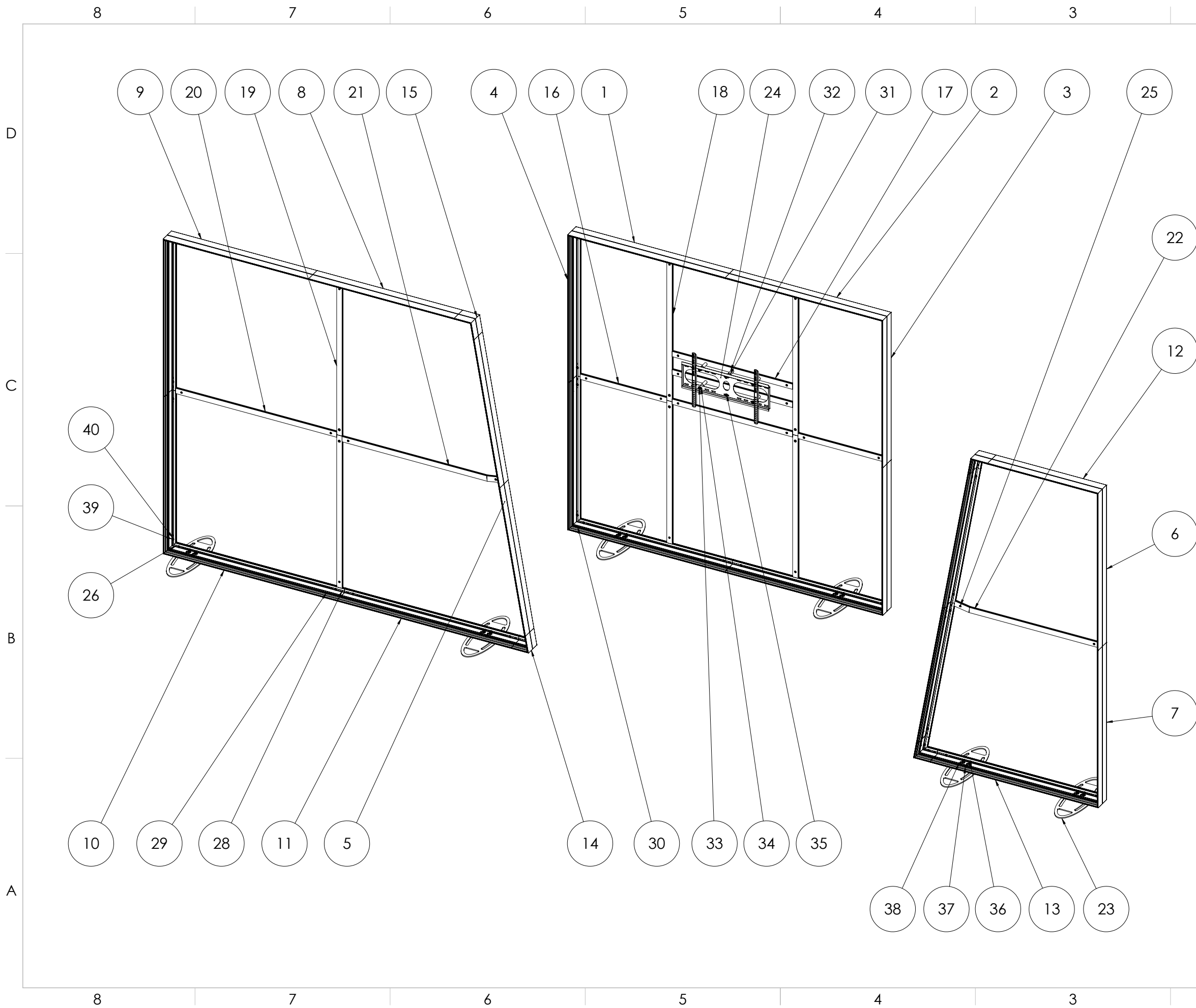
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1



**ANGLE-TRI-CENTER SINGLE SIDED FRAMES**

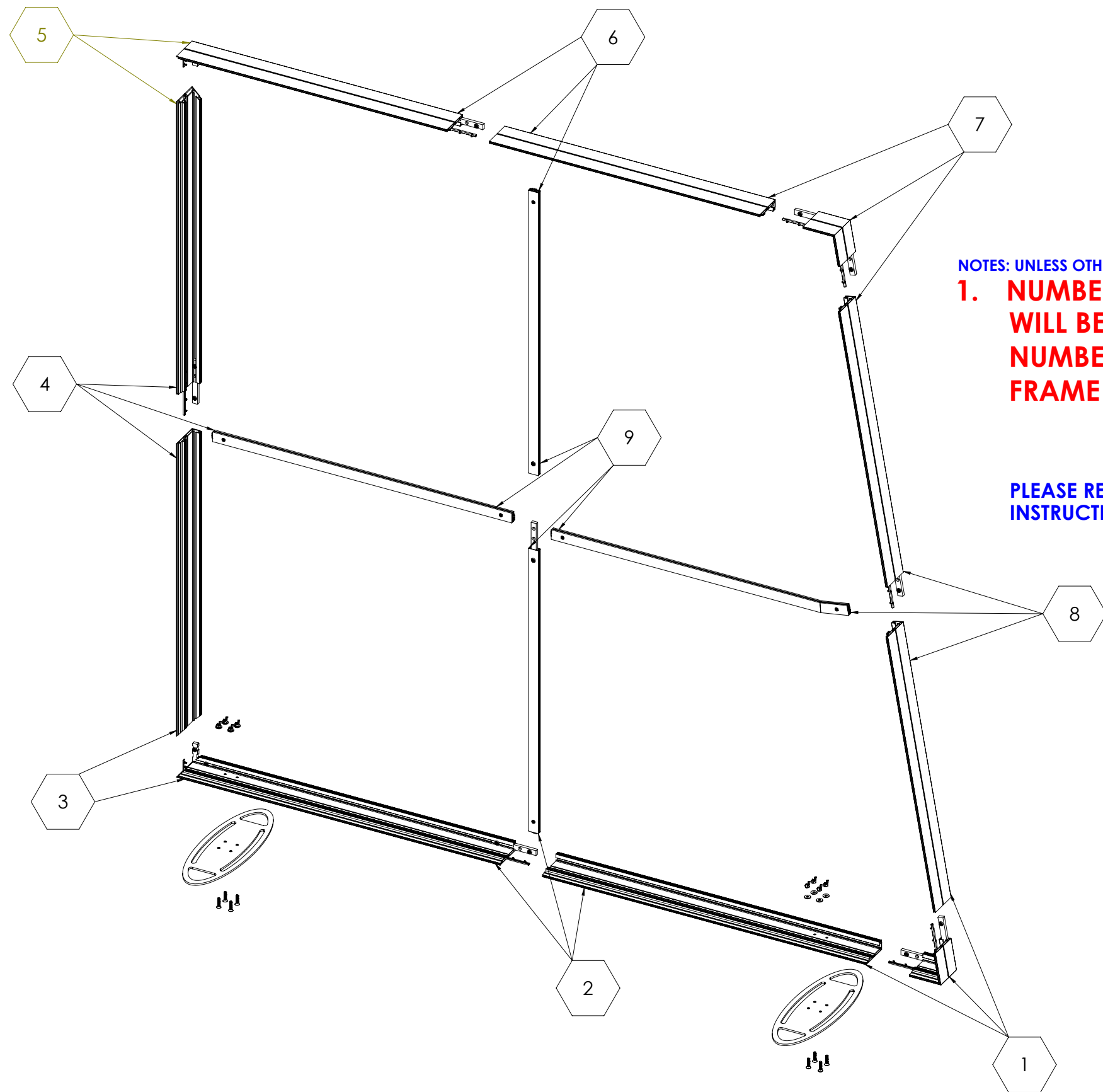
SIZE	DWG. NO.	REV
D	ATC-216x96SSF-5inC	A
SCALE: 1:1		



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:	

8

7

6

5

4

3

2

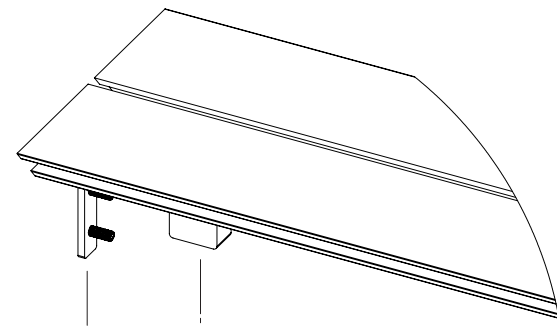
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D

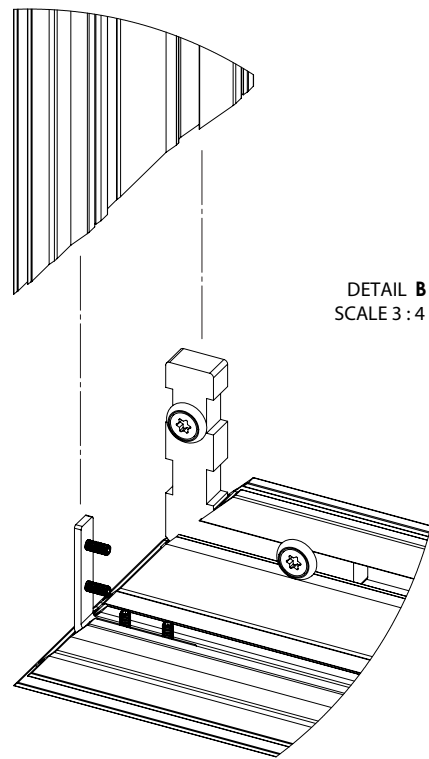
C

B

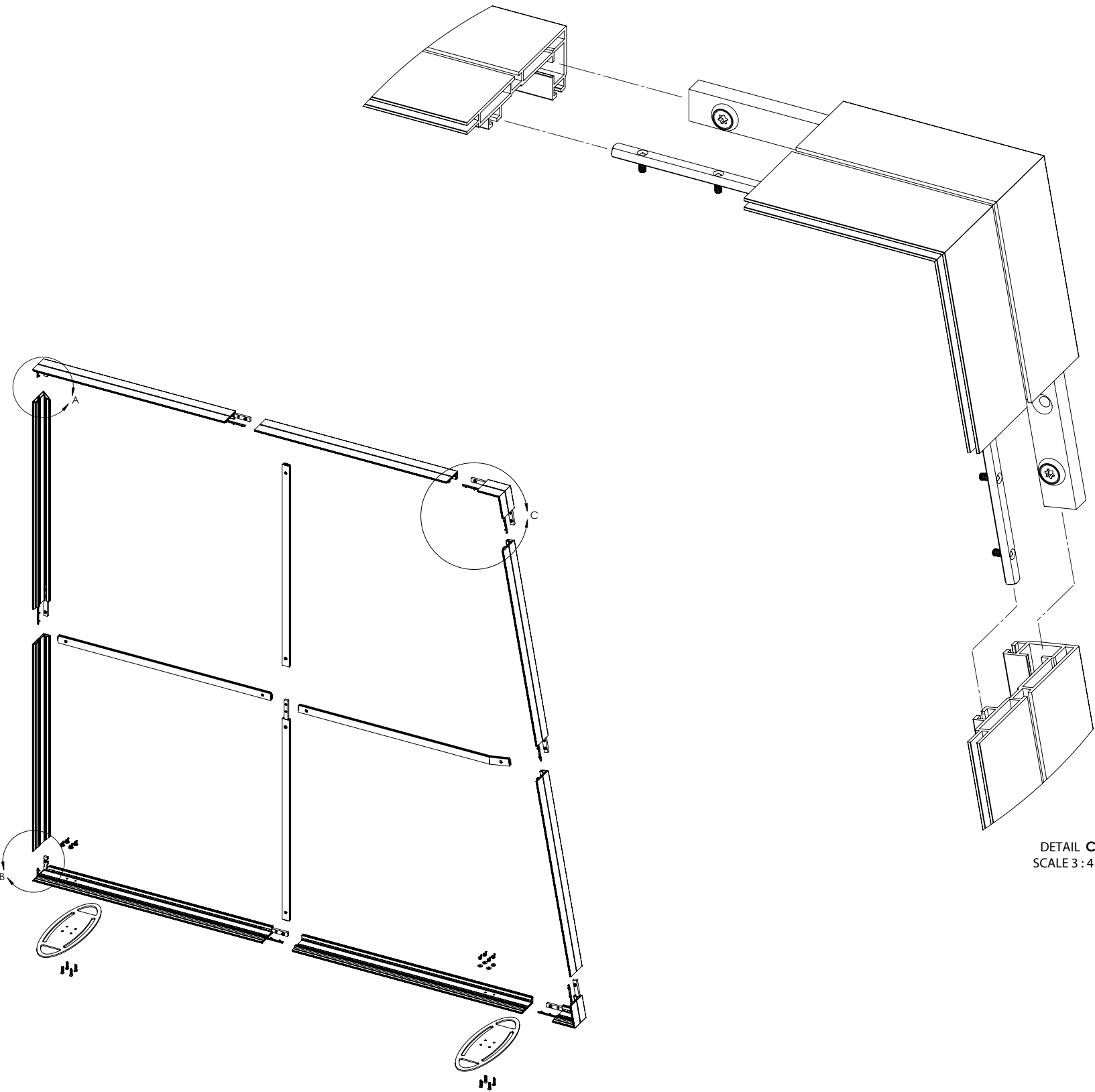
A



DETAIL A  
SCALE 3:4



DETAIL B  
SCALE 3:4



DETAIL C  
SCALE 3:4

LARGE  
ASSEMBLY

D

C

B

A

8

7

6

5

4

3

2

1

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

8

7

6

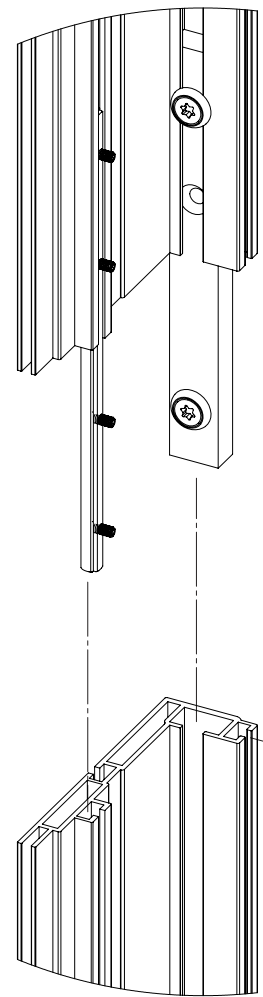
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4

3

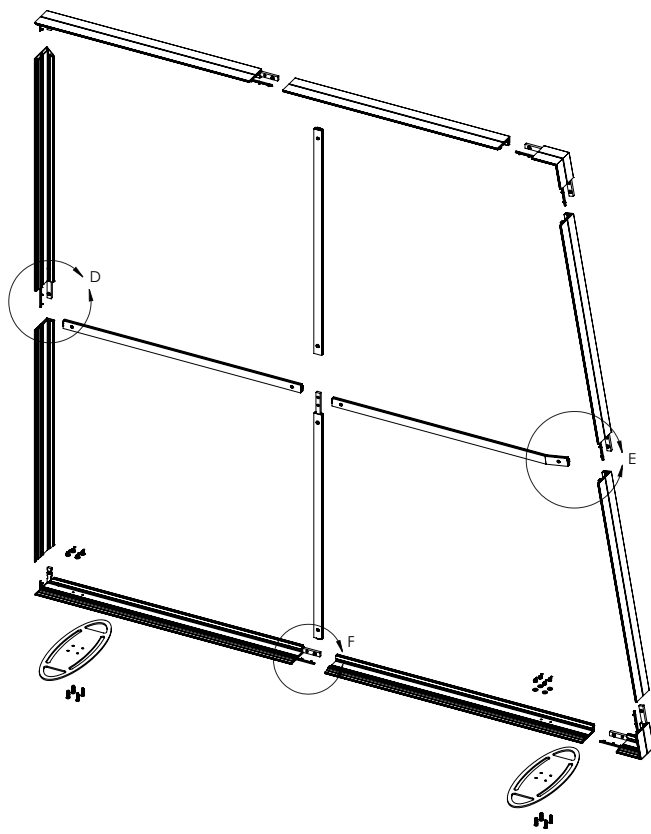
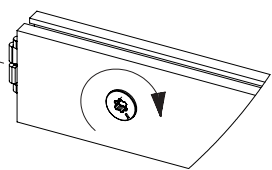
2

1



DETAIL D  
SCALE 3:4

TURN TO LOCK  
AND  
REVERSE TO UNLOCK

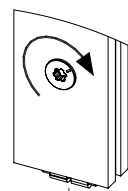


D

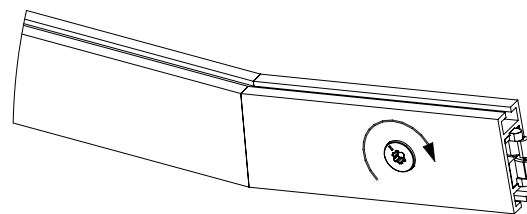
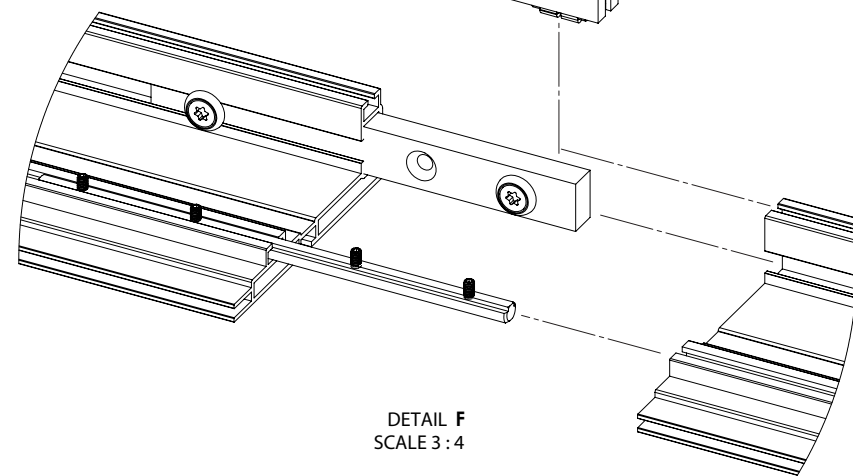
E

F

TURN TO LOCK  
AND  
REVERSE TO UNLOCK

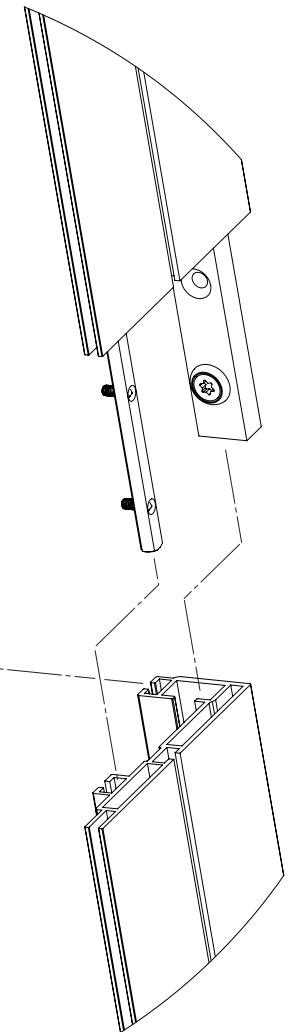


DETAIL F  
SCALE 3:4



TURN TO LOCK  
AND  
REVERSE TO UNLOCK

DETAIL E  
SCALE 3:4



LARGE  
ASSEMBLY

D

C

B

A

D

C

B

A

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

8

7

6

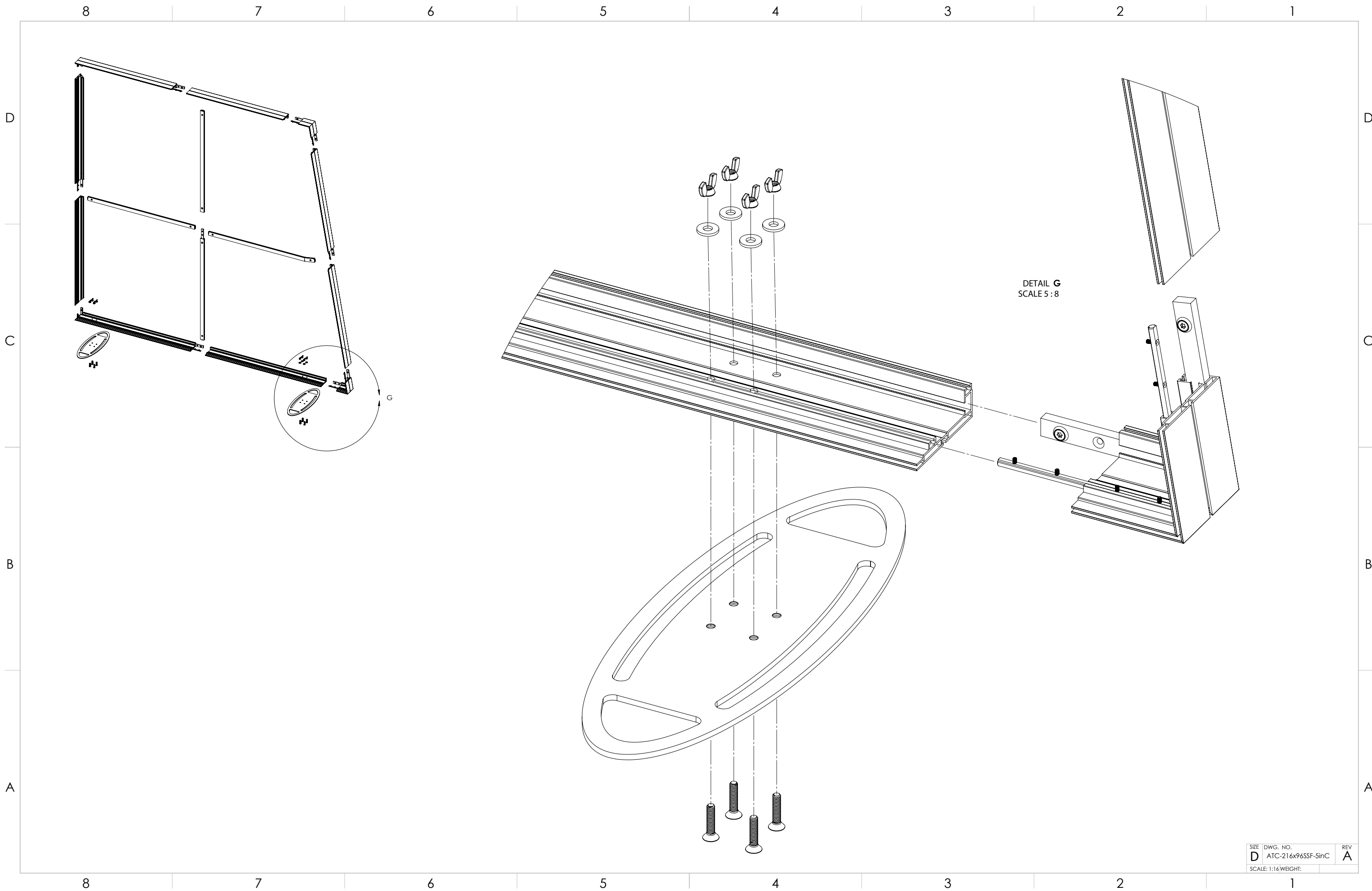
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4

3

2

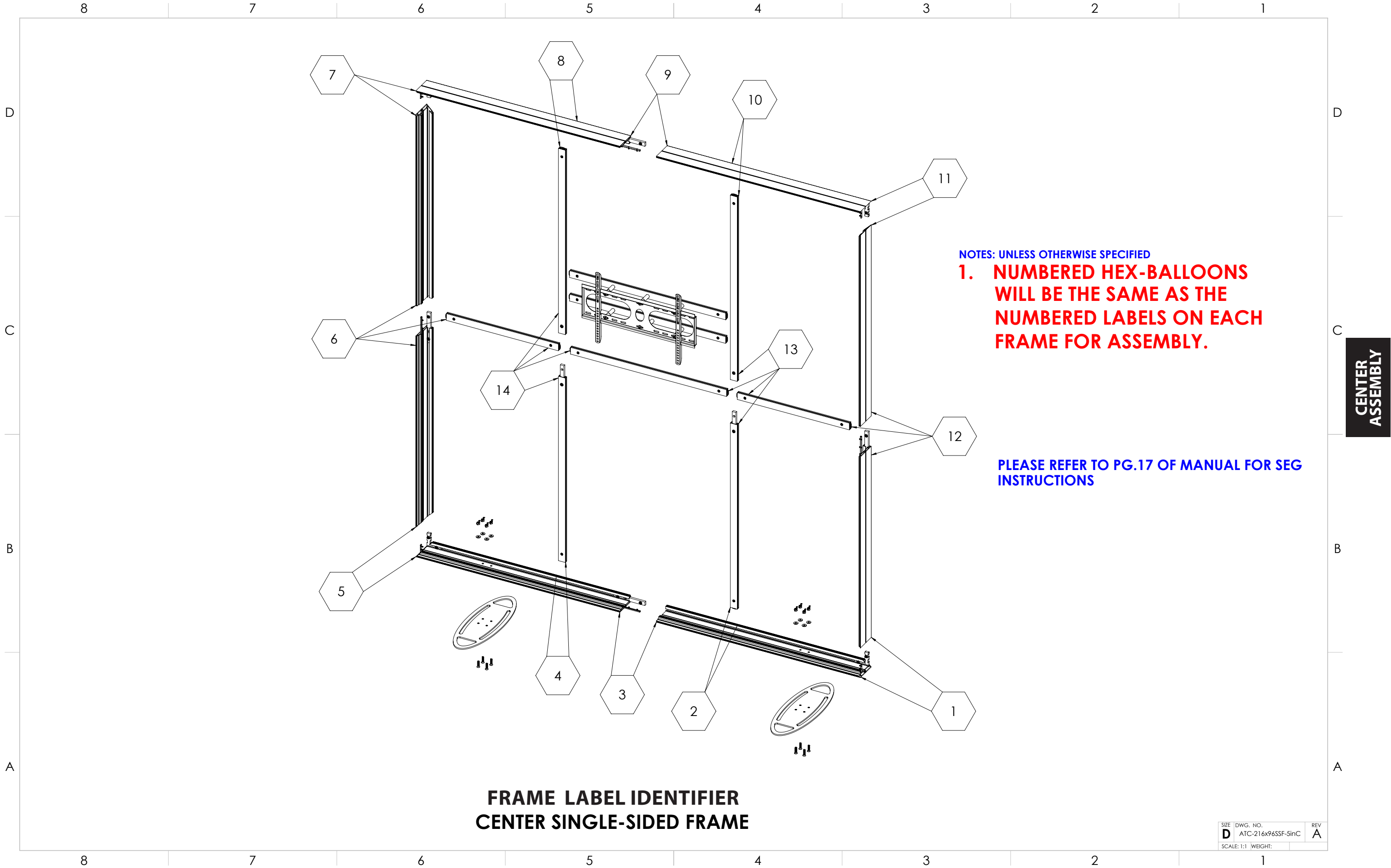
1



LARGE ASSEMBLY

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





NOTES: UNLESS OTHERWISE SPECIFIED

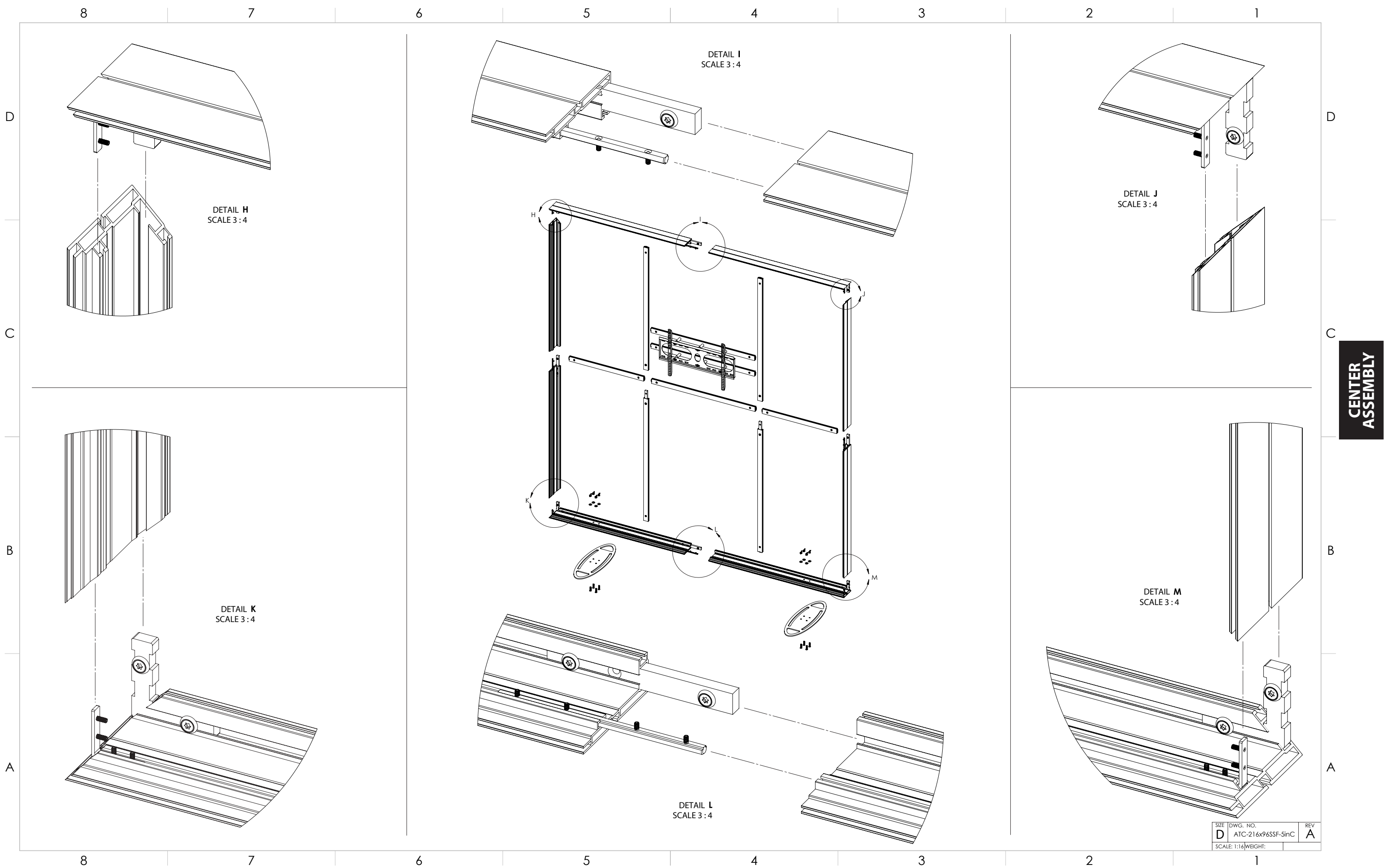
**1. NUMBERED HEX-BALLOONS WILL BE THE SAME AS THE NUMBERED LABELS ON EACH FRAME FOR ASSEMBLY.**

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:	



CENTER ASSEMBLY

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

8

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D

C

B

A

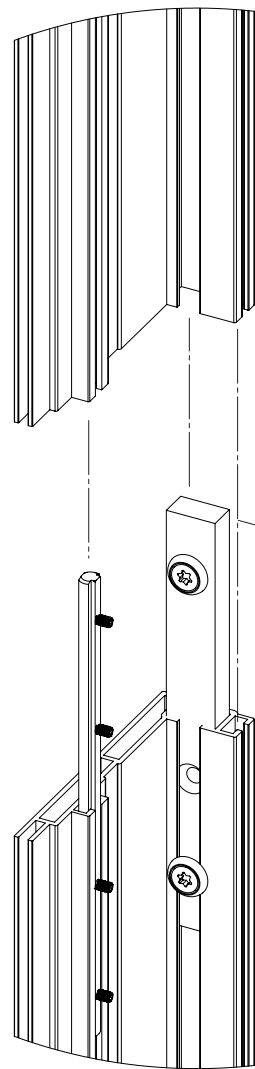
D

C

B

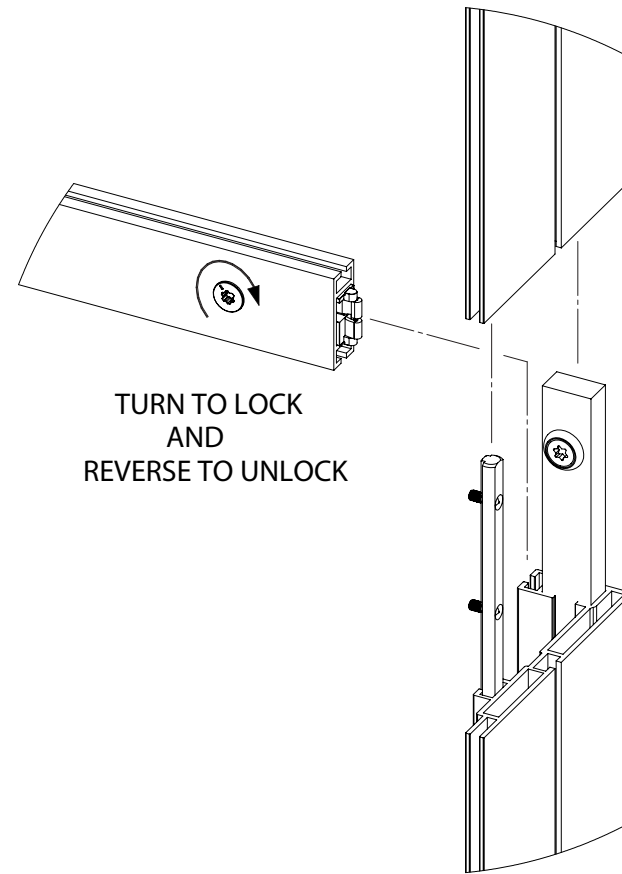
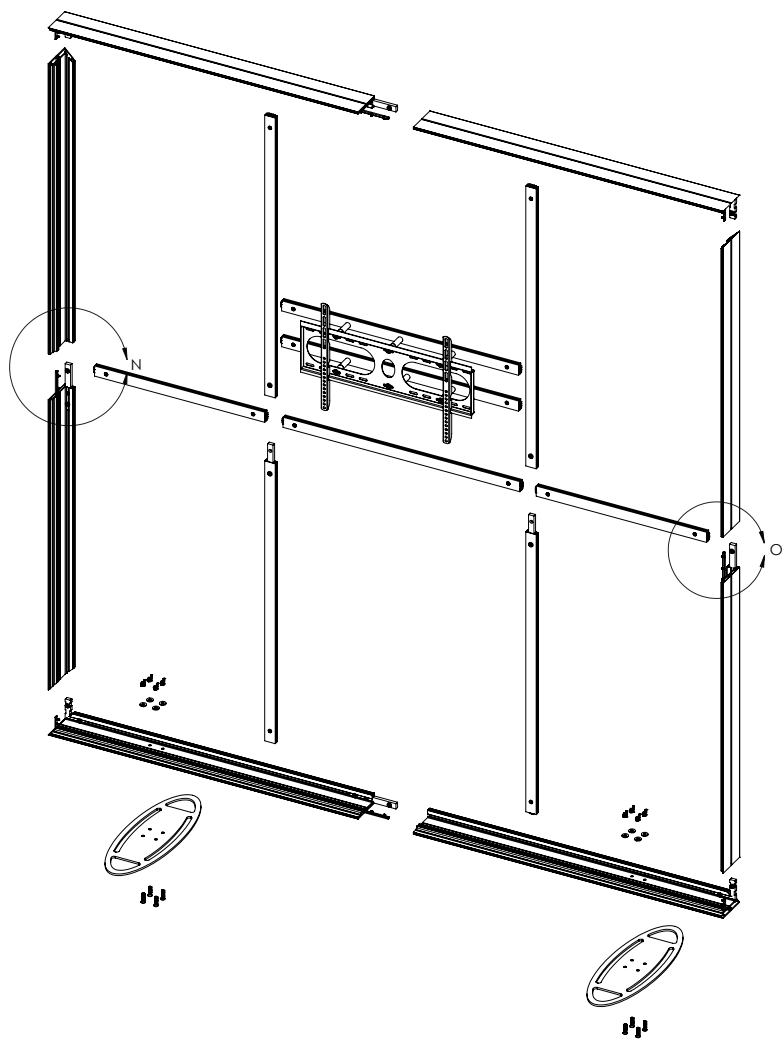
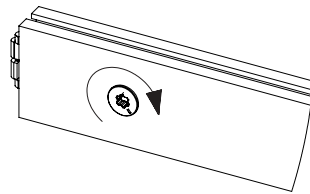
A

CENTER ASSEMBLY



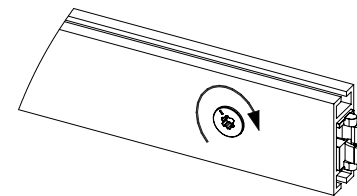
DETAIL N  
SCALE 3:4

TURN TO LOCK  
AND  
REVERSE TO UNLOCK



DETAIL O  
SCALE 3:4

TURN TO LOCK  
AND  
REVERSE TO UNLOCK



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

8

7

6

5

4

3

2

1

8

7

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4

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2

1

D

D

C

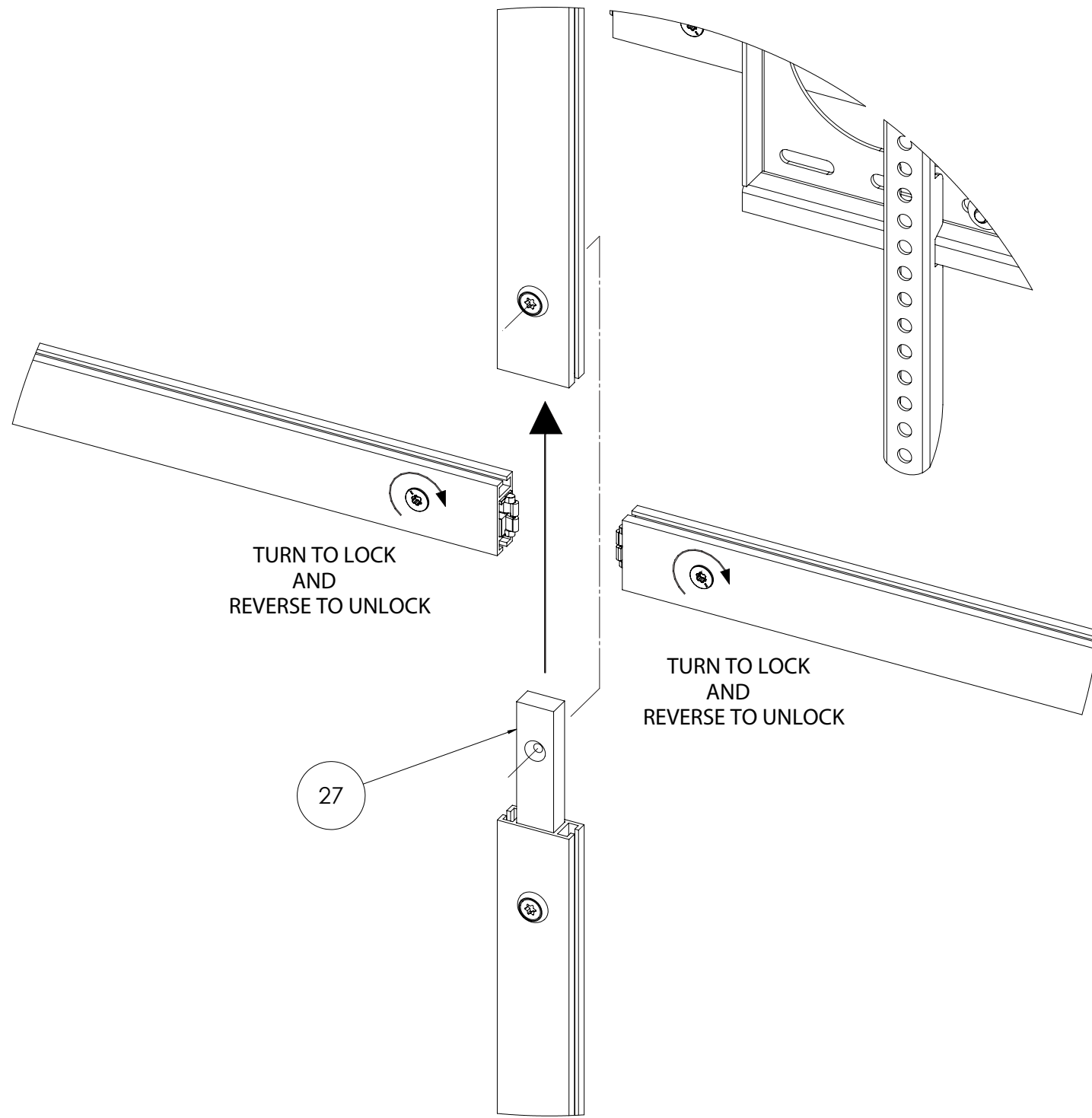
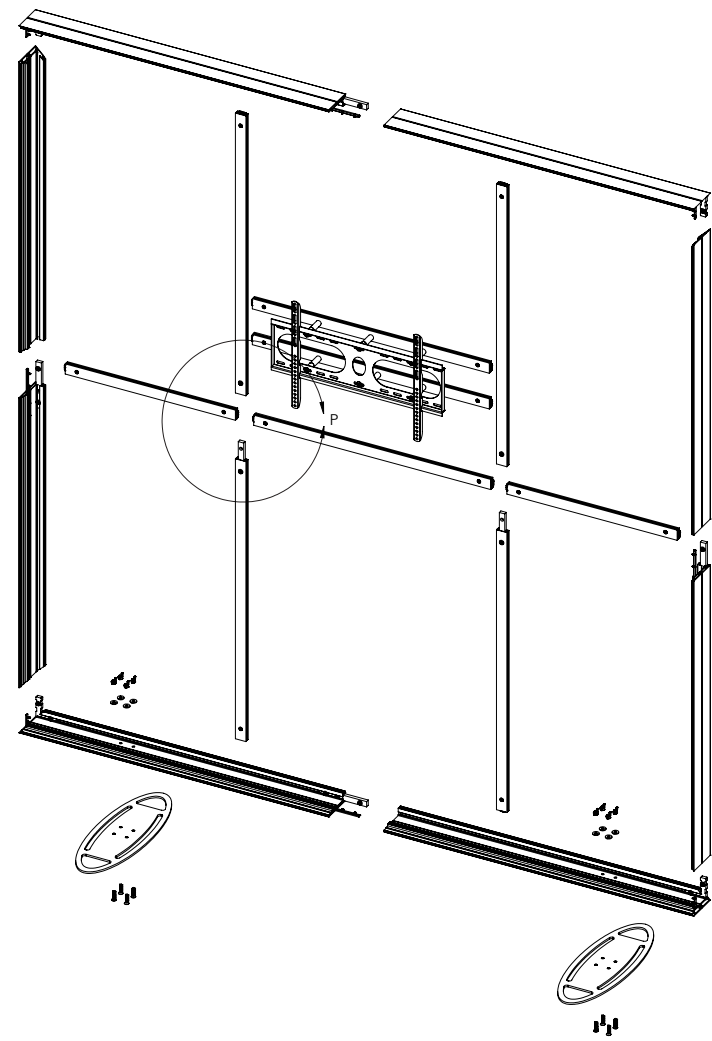
C

B

B

A

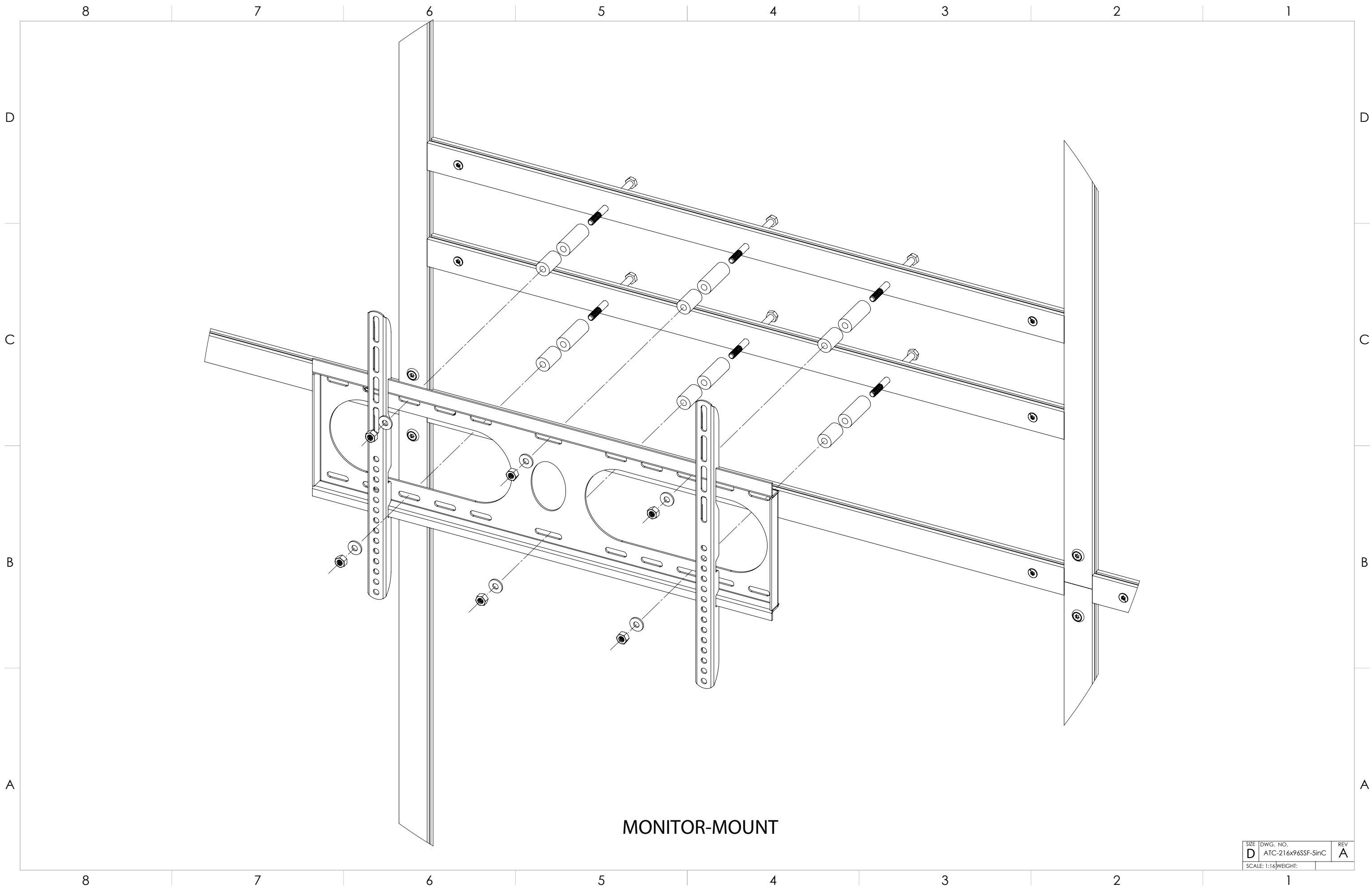
A



DETAIL P  
SCALE 3 : 4

CENTER  
ASSEMBLY

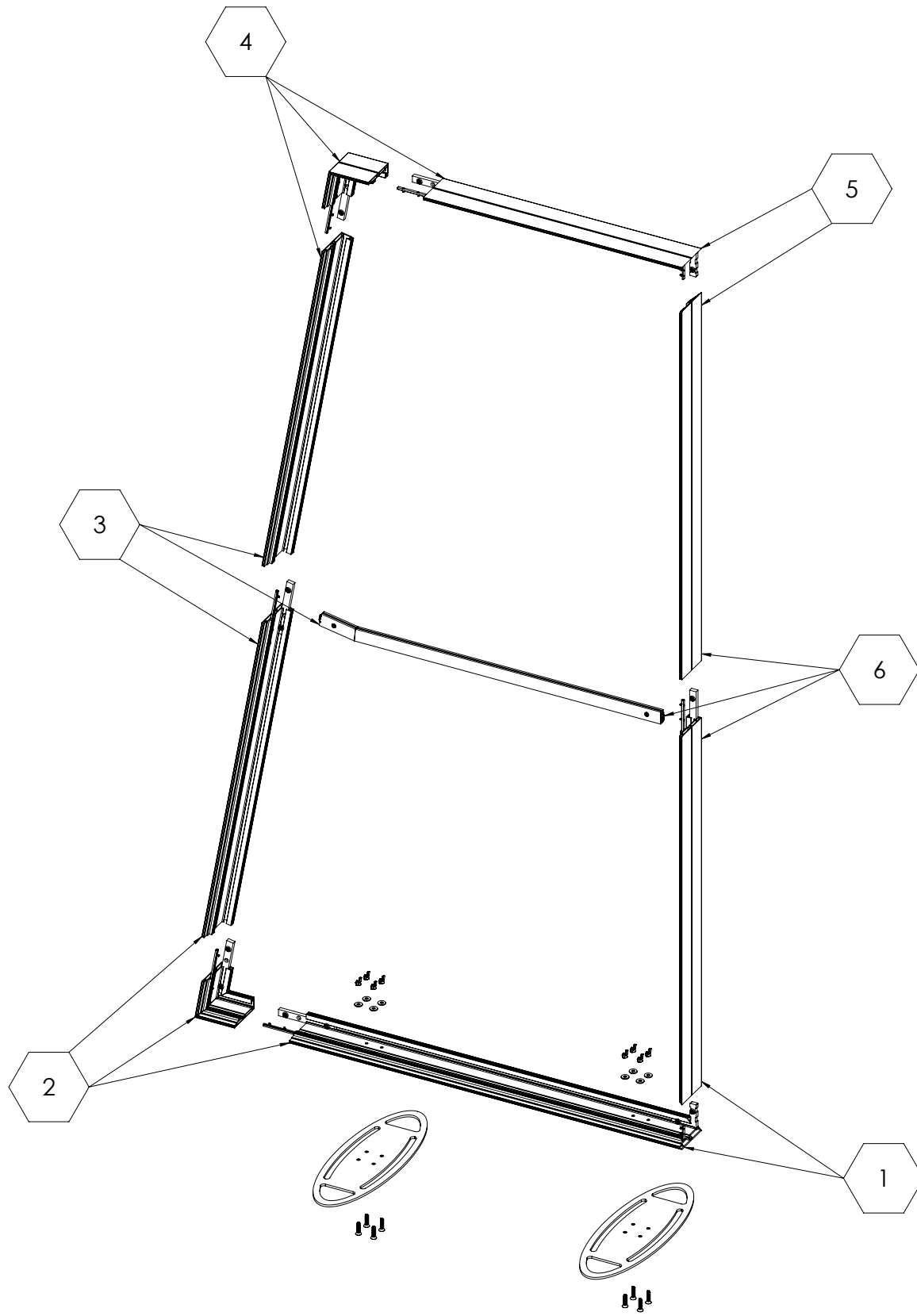
SIZE	DWG. NO.	REV
D	ATC-216x96SSF-5inC	A
SCALE: 1:16/WEIGHT:		



**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**

8

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4

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2

1

D

C

B

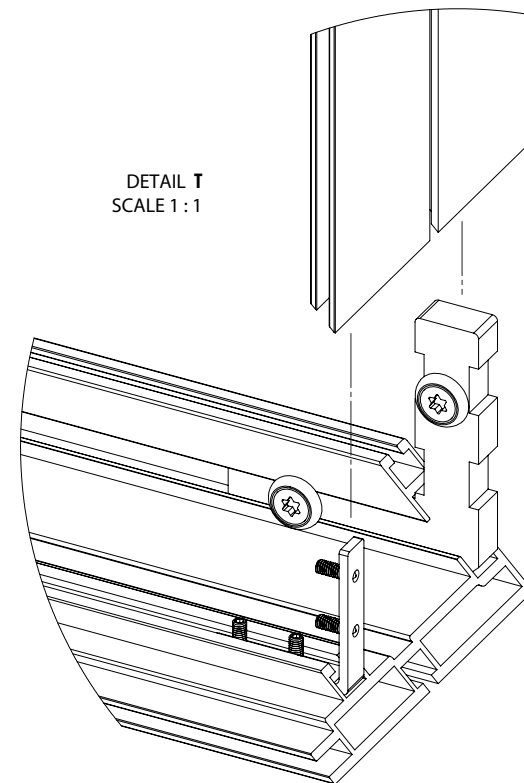
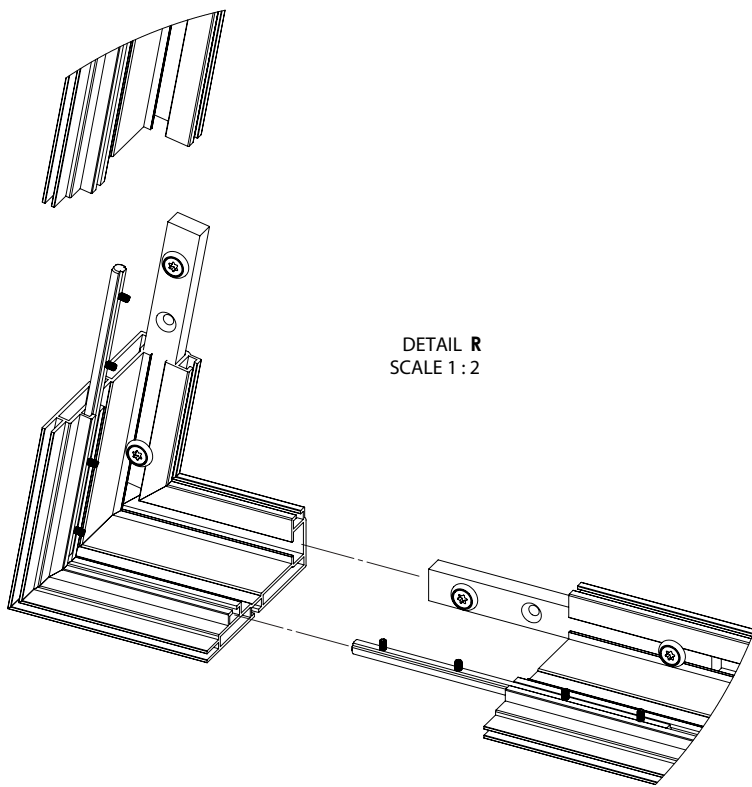
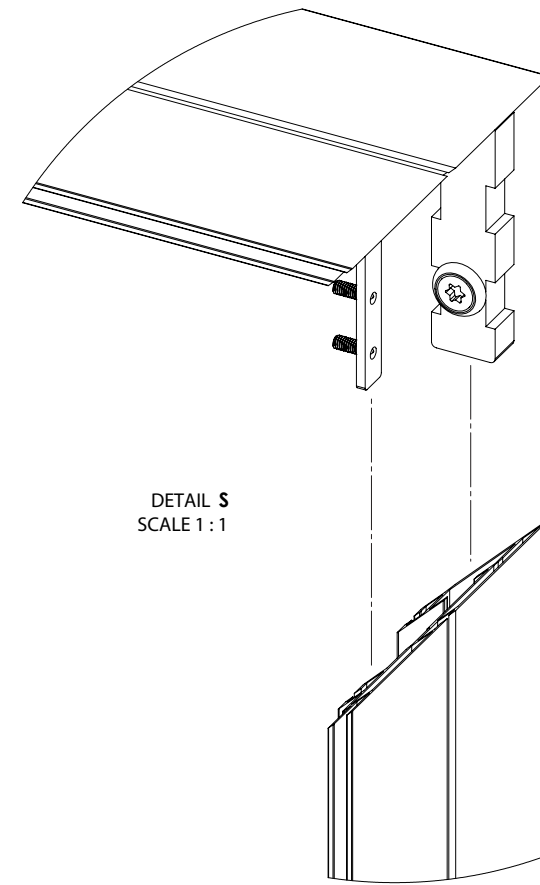
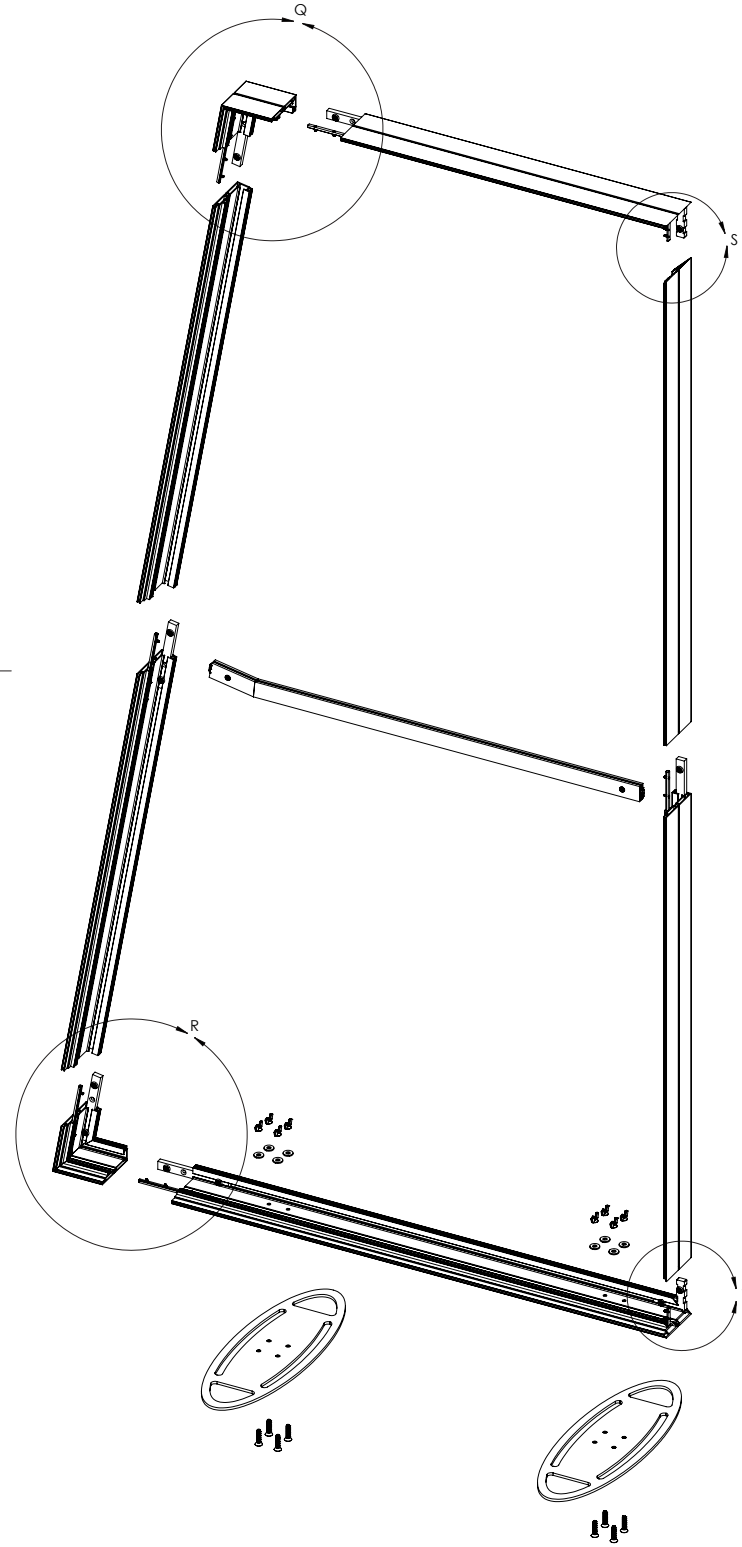
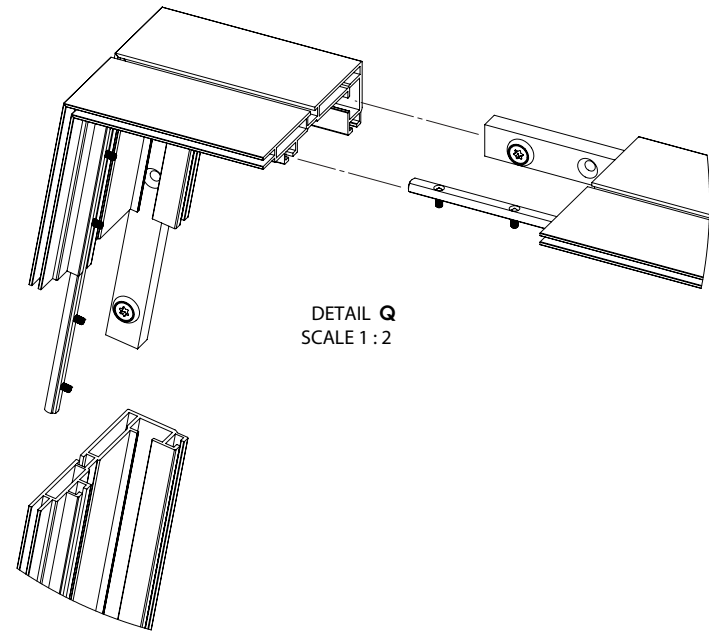
A

D

C

B

A



SMALL ASSEMBLY

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

8

7

6

5

4

3

2

1

8

7

6

5

4

3

2

1

D

D

C

C

B

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 fabrics 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,

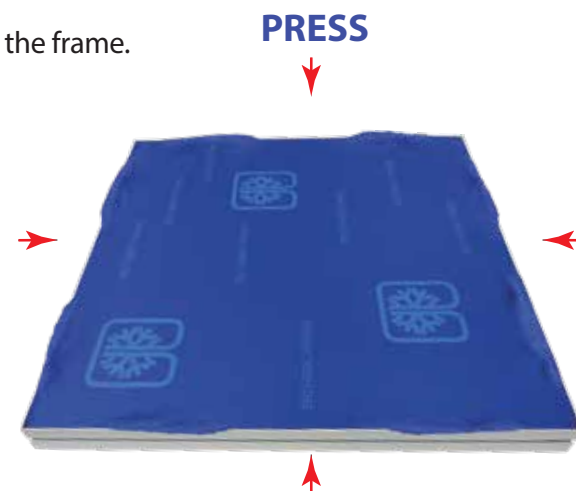
Press SEG silicone edge first, into the corners of the frame.



### 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.*



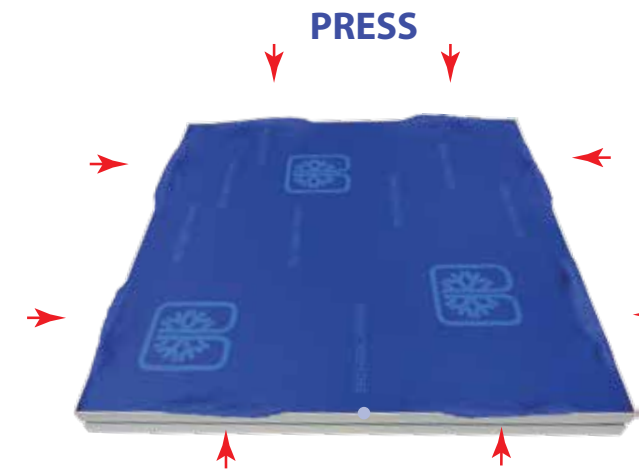
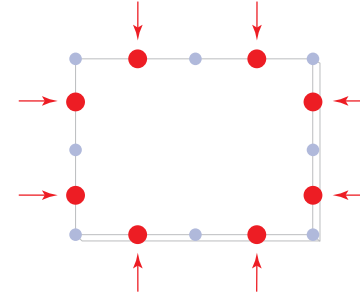
Cont'd.

### 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

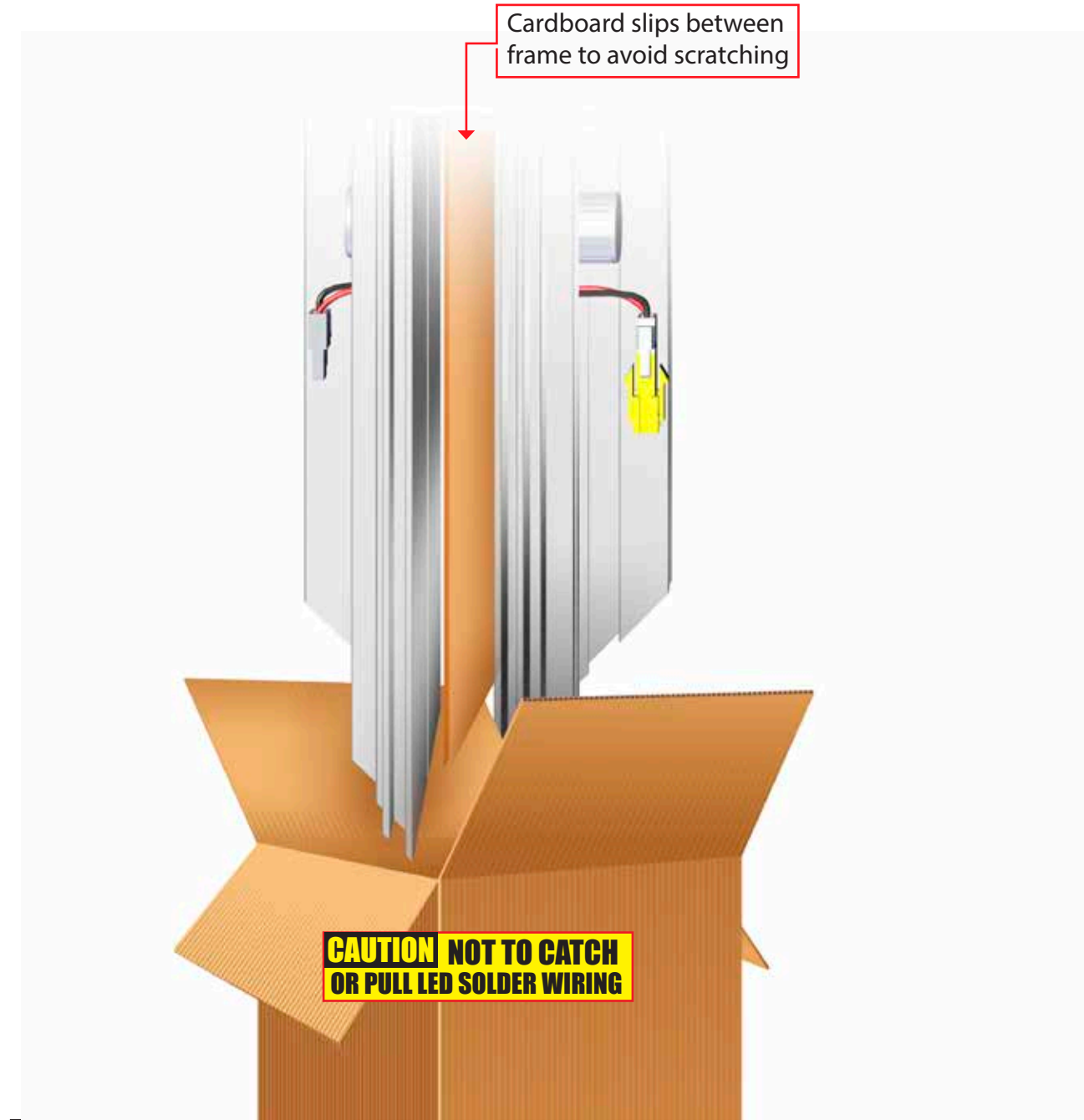
<b>Description</b>
(5) Boxes with frame and parts
(1) Dye-Sub Graphic (1) Fabric Backer
<b>LIGHTLY FOLD GRAPHICS - DO NOT CREASE</b>

### CASE 2 - 94" X 90" FRAME

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

### CASE 3 - 55" X 96" FRAME

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



#### 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.