

WHEN DISASSEMBLING ALUMINUM EXTRUSION, TIGHTEN ALL SETSCREWS AND LOCKS TO PREVENT LOSS DURING SHIPPING

# visionary™ DESIGNS

## Using Your Setup Instructions

The Visionary Designs Setup Instructions are created specifically for your configuration. They are laid out sequentially, including an exploded view of the entire display, and then a logical series of detailed steps to assemble the main structure and components. We encourage you to study the instructions **before** attempting to assemble your exhibit.

Each page reminds you to tighten the setscrews after disassembling your exhibit to prevent loss of the locks and setscrews (see below in RED). This is **VERY IMPORTANT**.

## Cleaning and Packing Your Display

- 1) Use care when cleaning aluminum extrusion or acrylic inserts. Use only non-abrasive cleaners.
- 2) When cleaning laminate inserts or countertops, use mild cleansers and a soft material such as cotton.
- 3) Keep all display components away from extreme heat and long exposure to sunlight to avoid warping and fading.
- 4) Retain all packing material. It will make re-packing much easier and will reduce the likelihood of shipping damage.



**The Tool**

Most Visionary Designs exhibits can be assembled with the supplied Hex Key Tool. Occasionally, a flat head screwdriver may be required.

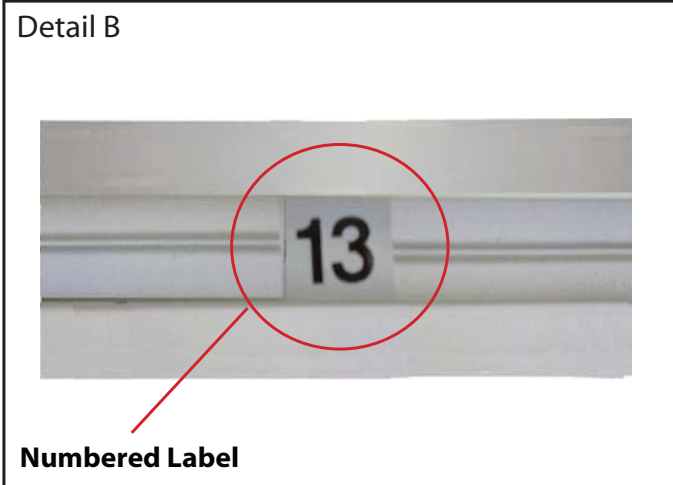


**Typical Connection**

Most horizontal extrusion connections have a patented expandable lock. This lock inserts into the groove of an opposing extrusion. Tightening the lock with the Hex Key Tool expands the lock and creates a strong positive connection.



**Typical Connection (cont'd)**



**Detail B**

**Numbered Label**

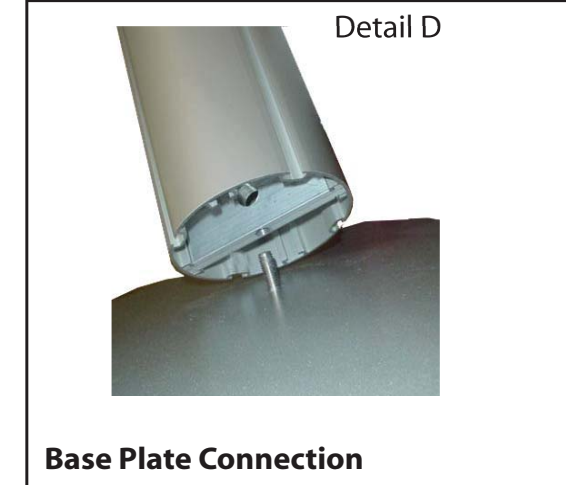
Each extrusion contains a numbered label which corresponds with setup instructions. The label is located within a groove of the extrusion (when possible). With Visionary Designs the labels contain Black numbers unless otherwise specified.



**Detail C**

**Horizontal Inline Connection** (remove only one setscrew)

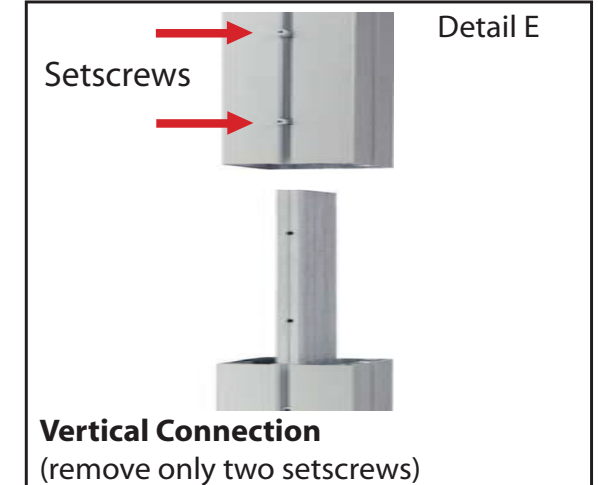
Remove only (1) setscrew when disassembling. Replace setscrew in extrusion after assembling it. Before packing, replace setscrew in extrusion to avoid losing it.



**Detail D**

**Base Plate Connection**

Attach base plate to round or square vertical extrusion using the bolt provided. Be careful not to strip the threads.



**Detail E**

**Vertical Connection**  
(remove only two setscrews)

When vertical extrusions are packed in portable cases rather than crates or tubs, they must be broken down into smaller sections which then require assembly.

Remove only (2) setscrews when disassembling. Replace setscrews in extrusion after assembling it. Before packing, replace setscrews in extrusion to avoid losing them.

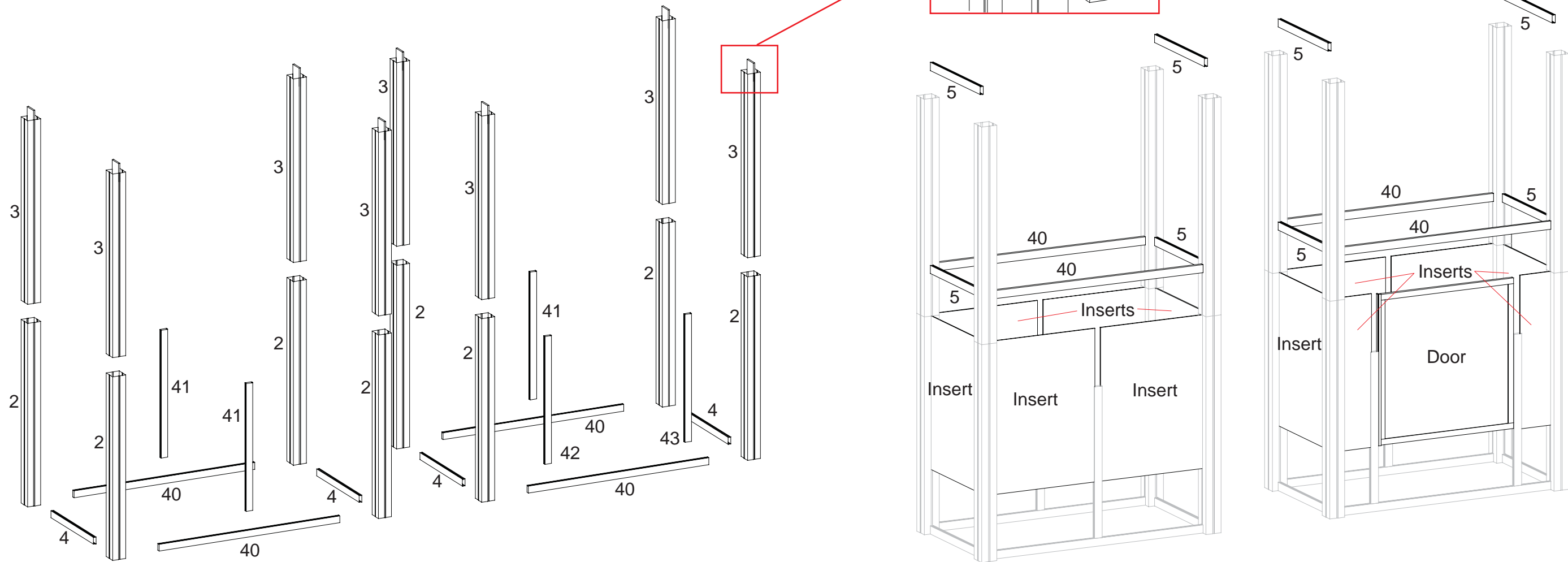
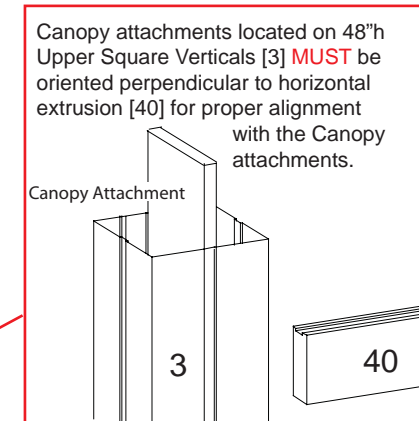
**WHEN DISASSEMBLING ALUMINUM EXTRUSION, TIGHTEN ALL SETSCREWS AND LOCKS TO PREVENT LOSS DURING SHIPPING**

Item Number	Quantity	Description
2	8	48" h Lower Square Vertical Upright Extrusion
3	8	48" h Upper Square Vertical Upright Extrusion w/ Canopy attachments
4	4	23.5" Lower Horizontal Extrusion
5	4	23.5" Upper Horizontal Extrusion
40	4	50" w Horizontal Extrusion
41	3	33.4180" Vertical Extrusion
42	1	33.4180" Vertical Extrusion w/ Door Stop
43	1	33.4180" Vertical Extrusion w/ Door Hinges

Steps

- 1) Assemble all 48" h vertical extrusions together [2 and 3].
- 2) Connect horizontal extrusions [4 and 40] to Verticals [2] as shown below.
- 3) Connect vertical extrusions [41, 42, and 43] to horizontal extrusions [40], leaving slightly loose.
- 4) Place inserts and door between verticals as shown below, tighten locks completely.
- 5) Connect remaining horizontal extrusions [5 and 40] atop inserts, door and upper section of tower as shown below.

Refer to next page for Canopy Assembly and attachment.



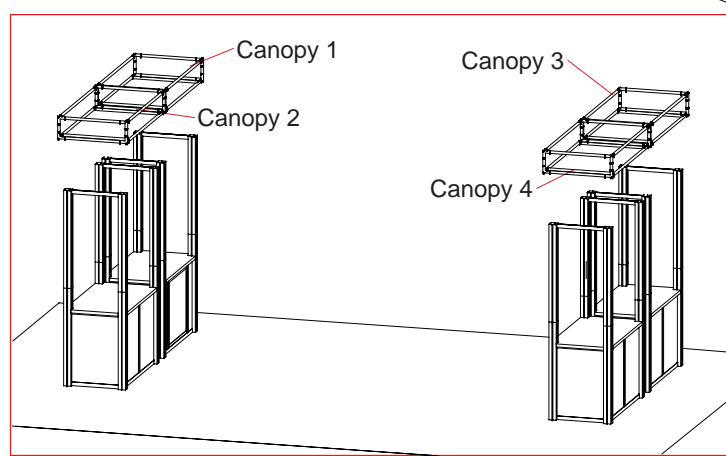
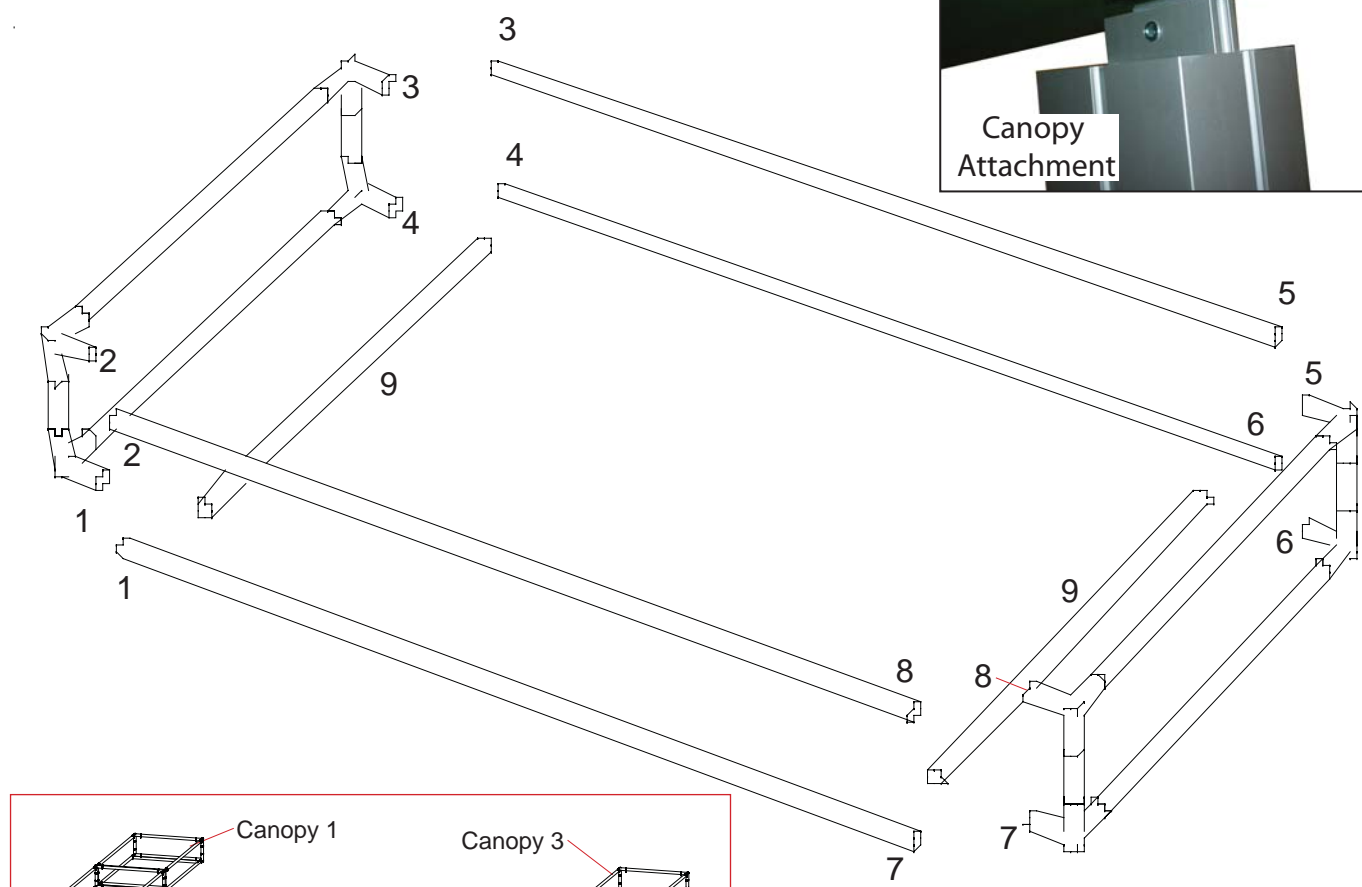
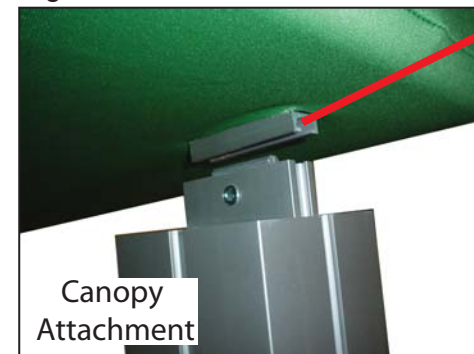
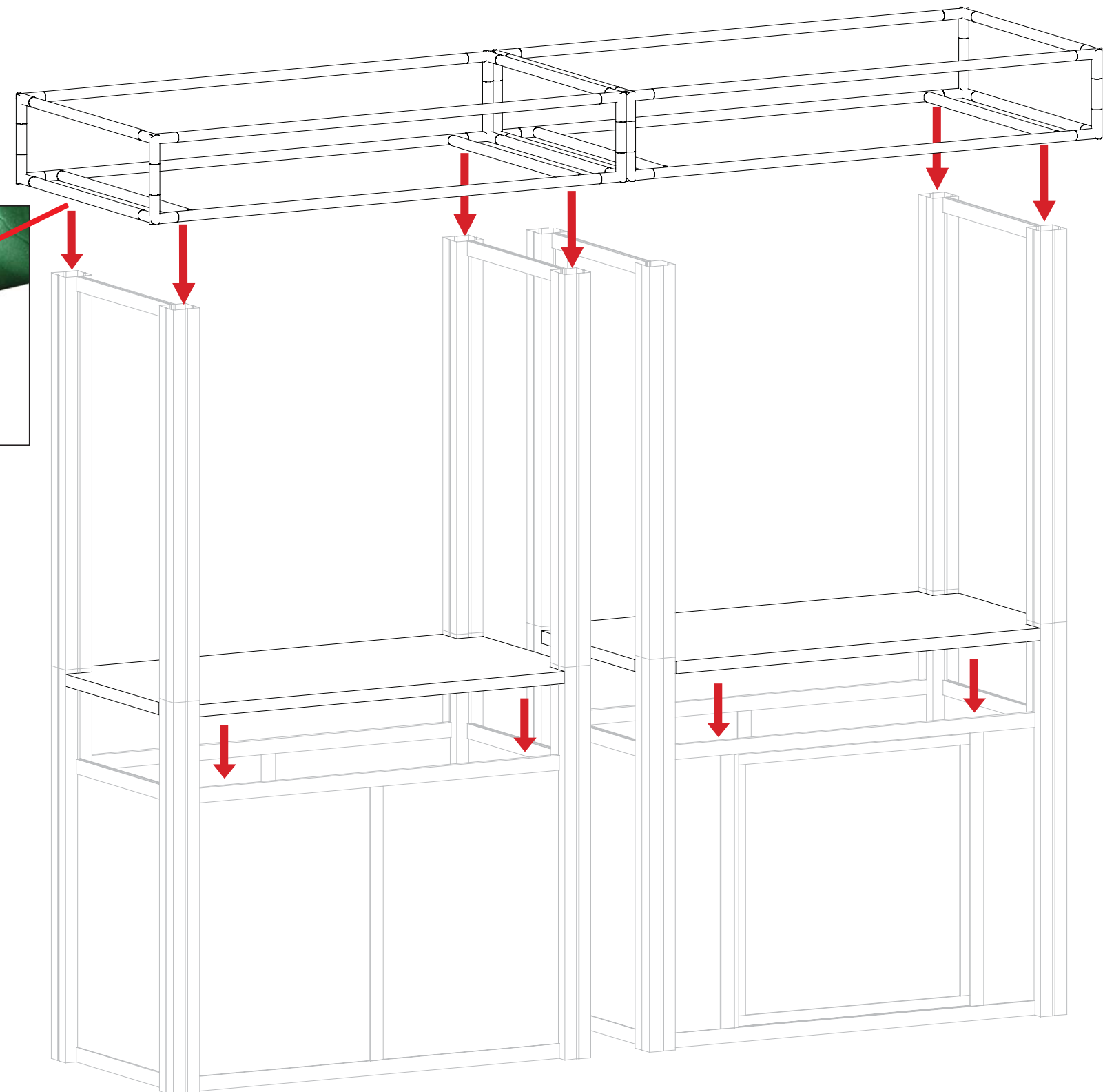
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Steps

- 1) Attach (2) End pieces to the (4) Horizontal pieces [Connections: 1 - 8].
- 2) Attach (2) Interior Horizontal pieces w/ pre-attached Canopy attachments [9] with provided bolts.
- 3) Attach Graphics.
- 4) Place and attach to 96" h Square Verticals from page 1.
- 5) Set counters in place as shown.

note: There are a total of FOUR Small Rectangular Canopy Assemblies, see bottom left diagram.  
 (2) Assemblies for the Left sidewall and (2) Assemblies for the Right Sidewall.



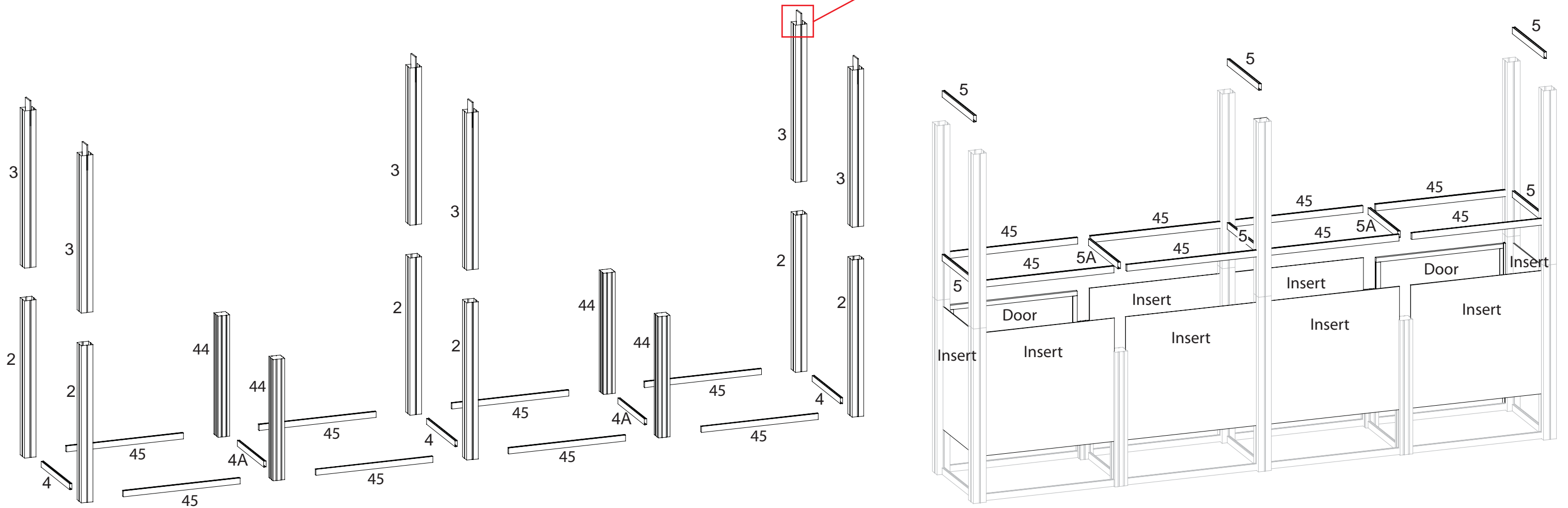
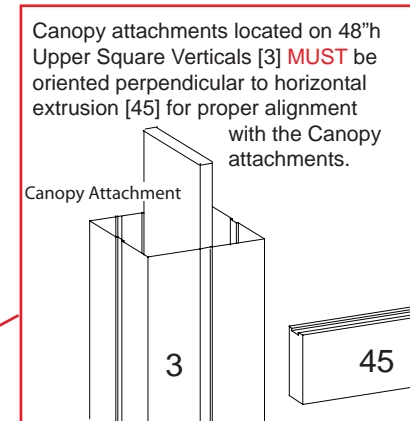
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Item Number	Quantity	Description
2	6	48" h Lower Square Vertical Upright Extrusion
3	6	48" h Upper Square Vertical Upright w/ #10 Canopy attachments (Canopy #10 Attachments must screw into place prior to booth assembly)
4	3	23.5" Lower Horizontal Extrusion
4A	2	21.9454" Upper Horizontal Extrusion
5	6	23.5" Lower Horizontal Extrusion
5A	2	21.9454" Upper Horizontal Extrusion
44	4	37" Vertical Extrusion
45	16	36.2917" Horizontal Extrusion

Steps

- 1) Assemble all 48" h vertical extrusions together [2 and 3].
- 2) Connect horizontal extrusions [4, 4A and 45] to Verticals [2 and 44] as shown below.
- 3) Place inserts and door between verticals as shown below, tighten locks completely.
- 4) Connect remaining horizontal extrusions [5, 5A and 45] atop inserts, door and upper section of tower as shown below.

Refer to next page for Canopy Assembly and attachment.

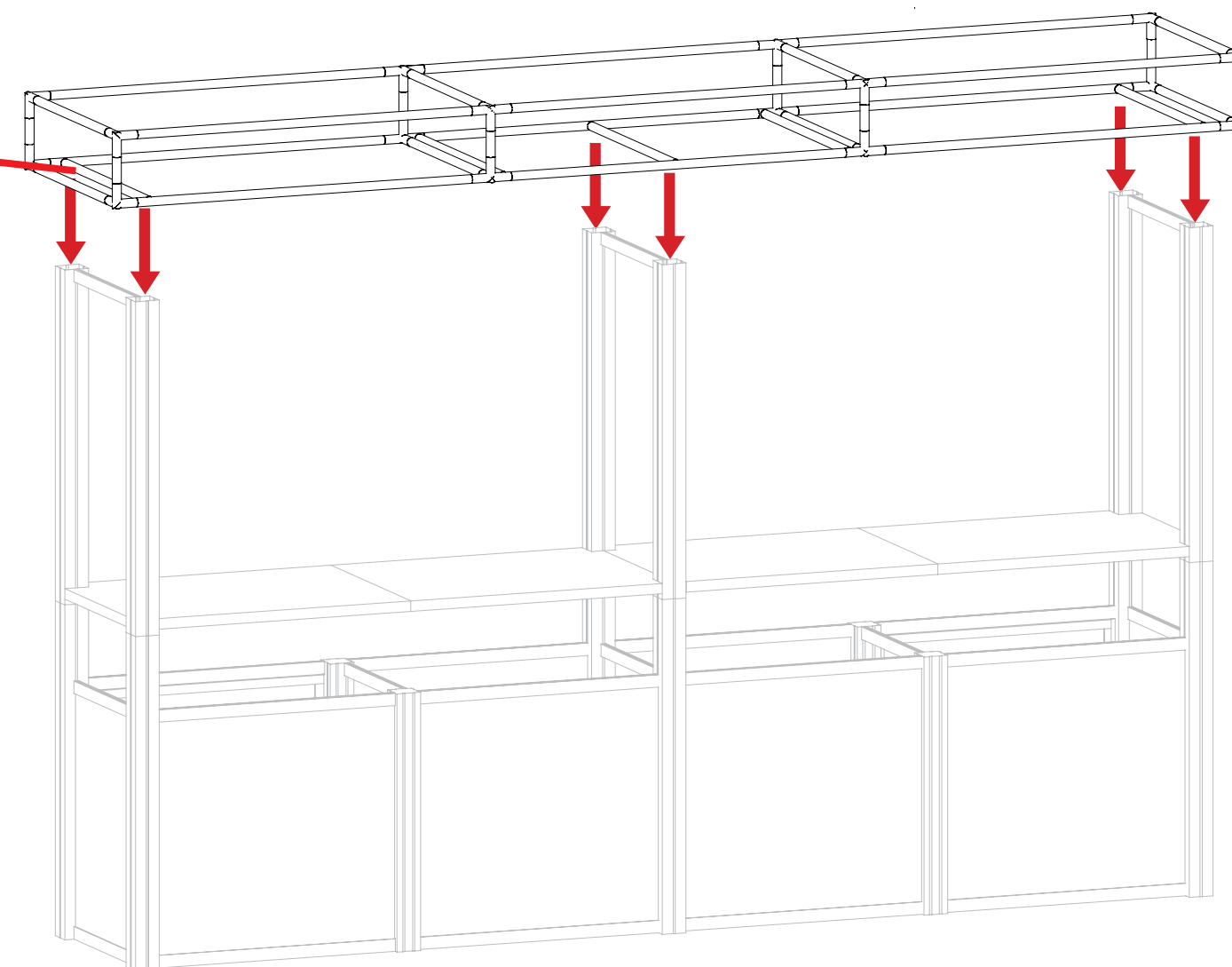
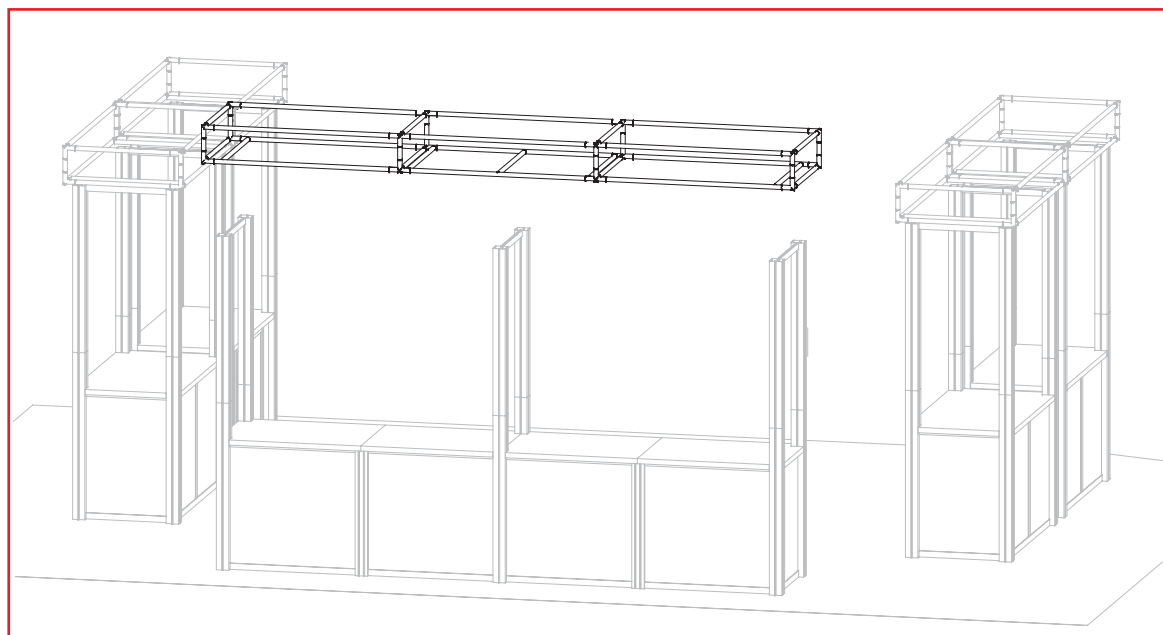
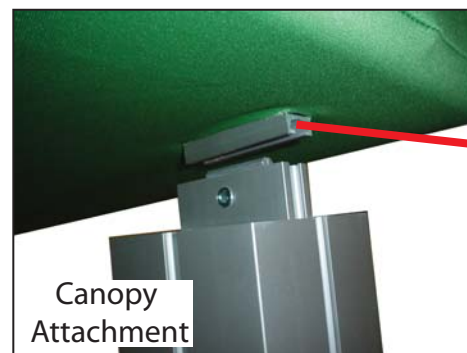
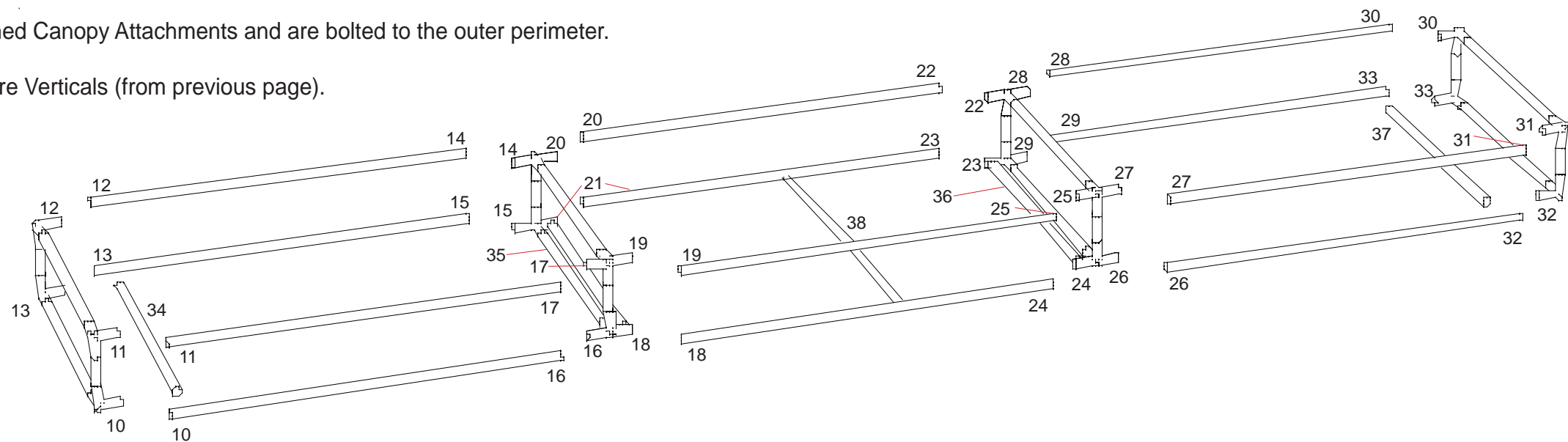


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Steps

- 1) Assemble all pieces together.  
note: [34 - 37] have pre-attached Canopy Attachments and are bolted to the outer perimeter.
- 2) Attach Graphics.
- 3) Place and attach to 96" h Square Verticals (from previous page).



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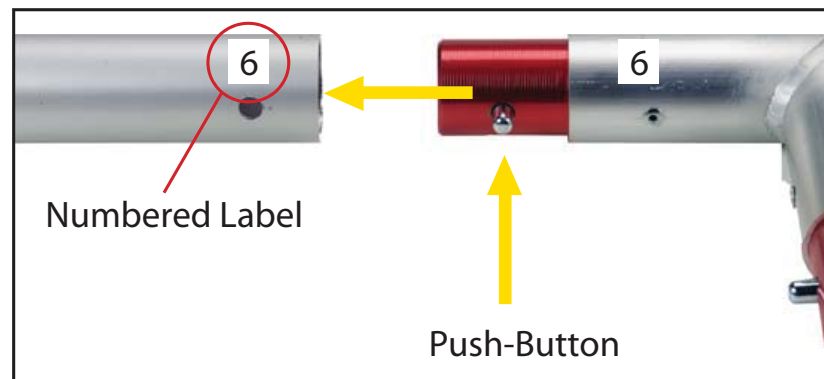
**Using Your Setup Instructions**

The Aero Overhead Sign Setup Instructions are created specifically for your configuration. They include an exploded view of the frame which is sequentially numbered. We encourage you to study the instructions before attempting to assemble your exhibit.

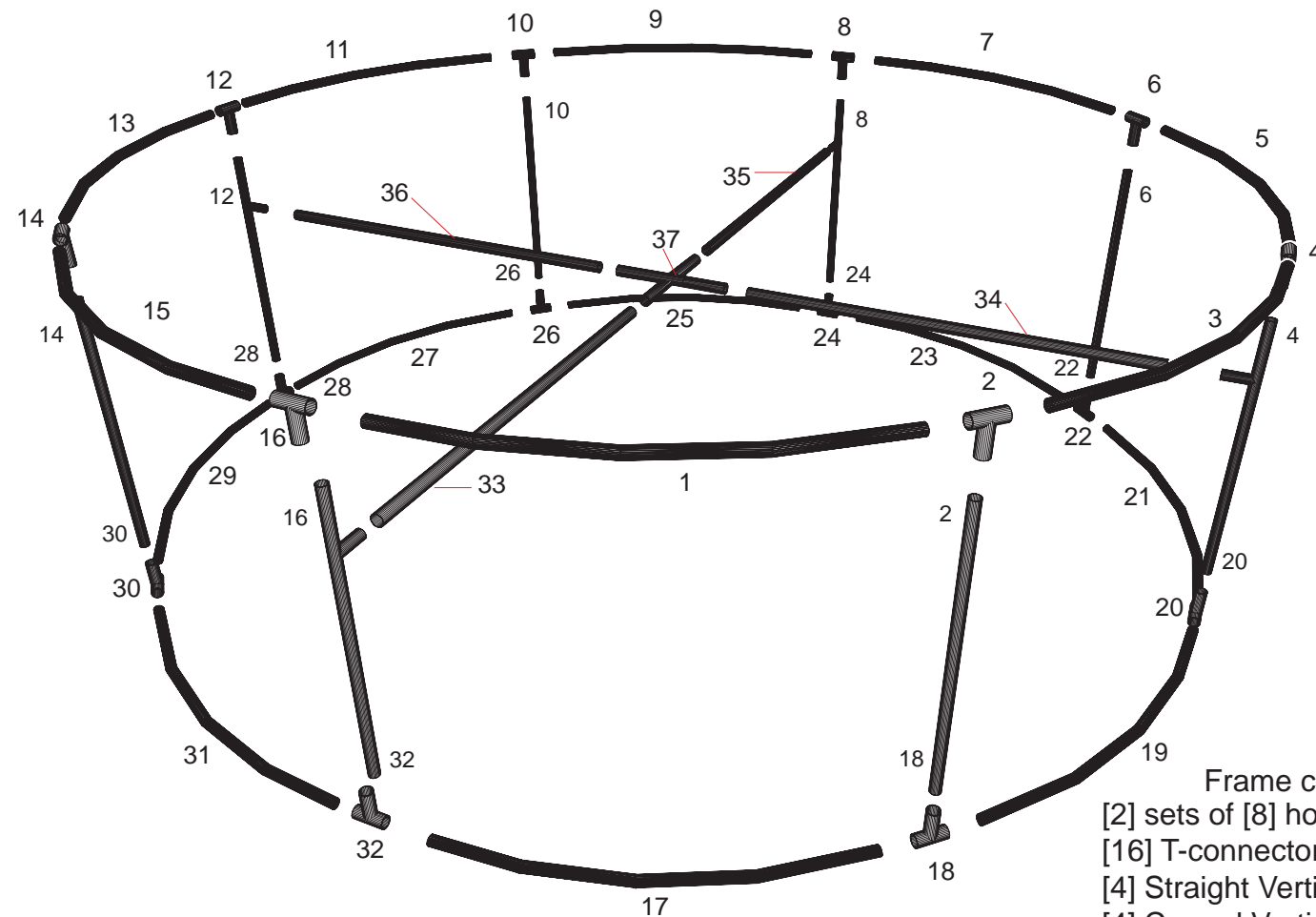
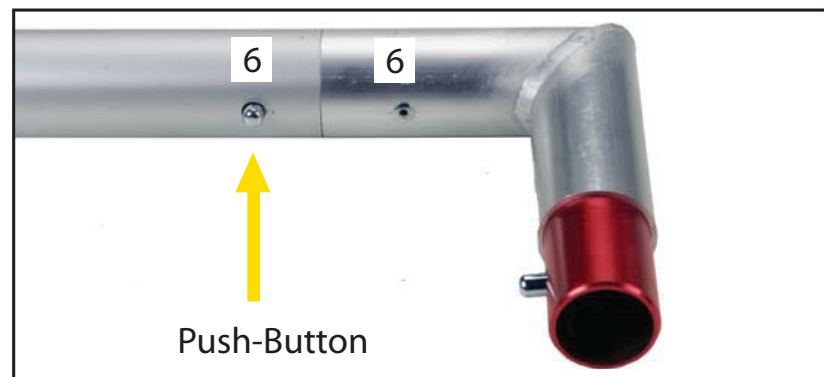
Connections are kept very simple: no tools. Everything assembles with push-button connectors and pre-connected horizontal sections.

**Cleaning and Packing Your Display**

- 1) Use care when cleaning aluminum extrusion or acrylic inserts. Use only non-abrasive cleaners.
- 2) Retain all packing material. It will make re-packing much easier and will reduce the likelihood of shipping damage.



Connections are made by holding the button down and sliding the red tube into opposing tube until the connection is made. To disassemble push button and pull or twist extrusions apart.

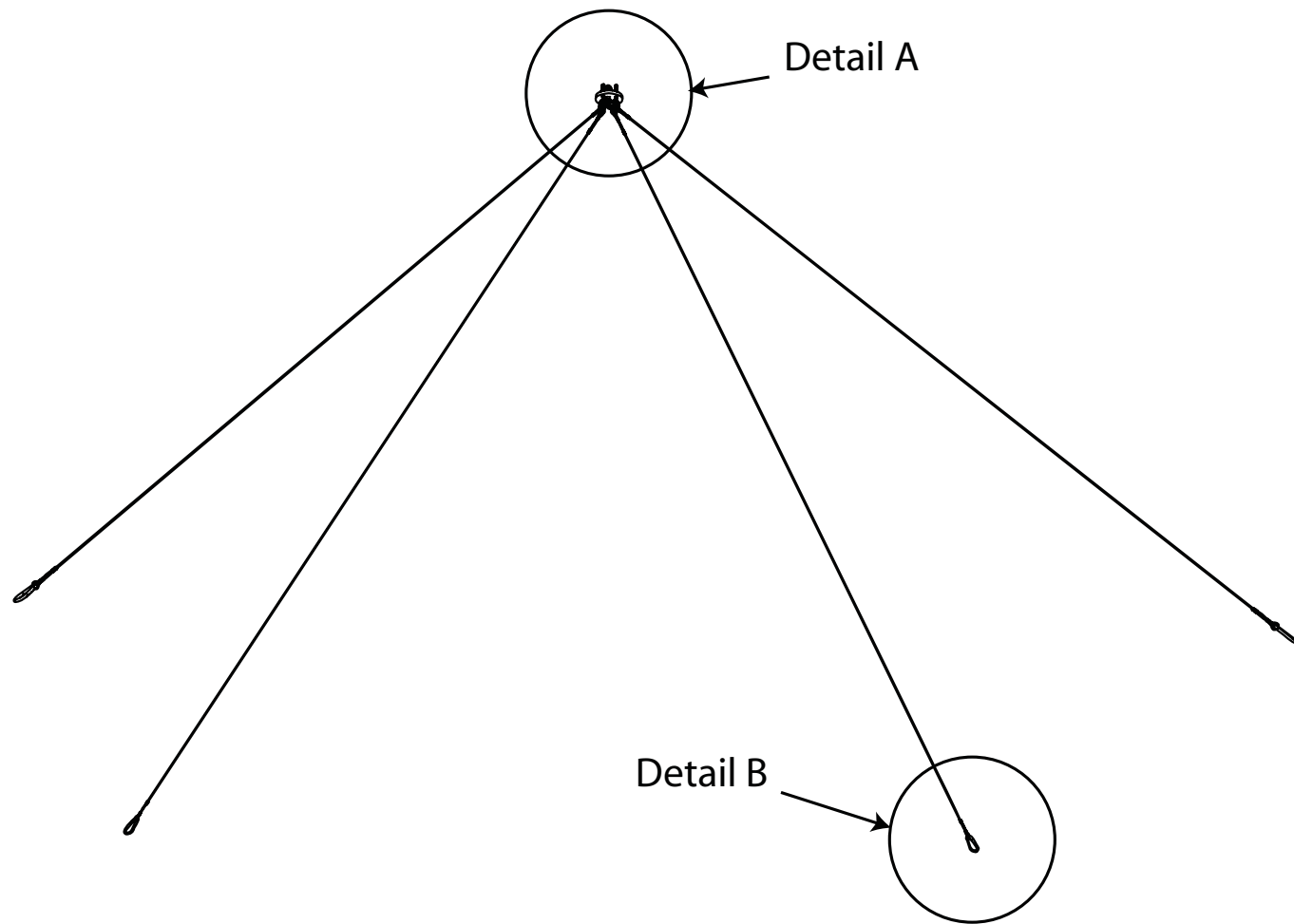


Frame consists of:  
 [2] sets of [8] horizontal curved pieces  
 [16] T-connectors  
 [4] Straight Verticals  
 [4] Curved Verticals  
 [4] Straight Horizontals  
 [1] 4-way Connector.

**Steps:**

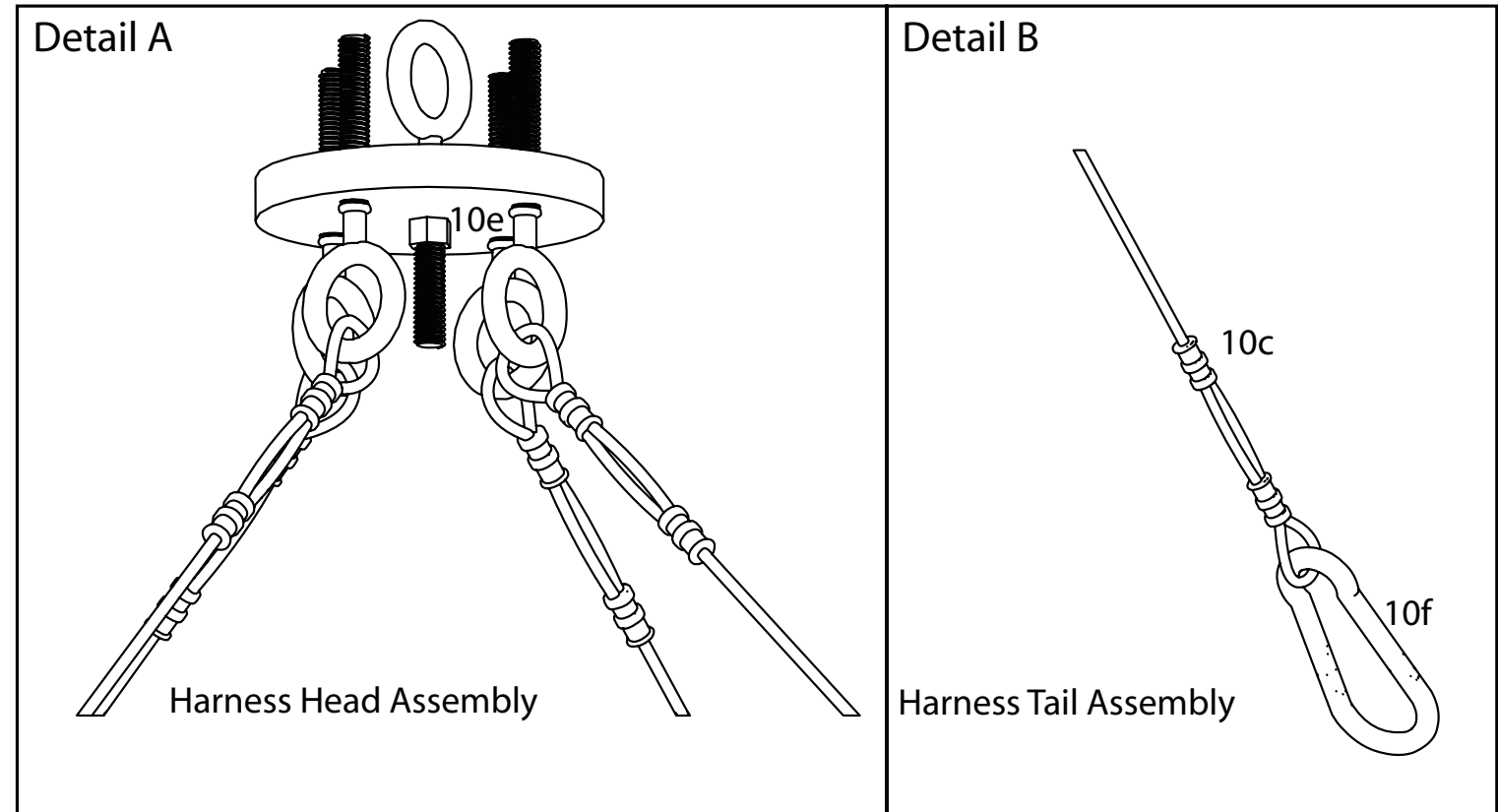
- 1) Connect all bungied pieces together.
- 2) Connect lower section and upper section together using (8) Vertical Supports.
- 3) Connect Middle supports together - using the 4-way Connector.  
 note: **AFTER ALL PIECES ARE ASSEMBLED, THE ENTIRE STRUCTURE MUST BE FLIPPED OVER.**
- 4) Apply graphics to Ring and Hang per requirements.

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**Construction consists of the following materials:**

1. 302/304 (1/8") Stainless Steel Cable (Rated at 1760 lbs break strength)
2. Plated Spring-loaded Interlocking Snaps (Rated at 280 lbs working load)
3. Nicoperss Oval Sleeves (Holding strength rated at 900 lbs)
4. 0.25" x 4" Diameter T6061 Aluminum Plate
5. Eye Bolts (Rated 900 lbs on vertical lift and 450 lbs on 45 degree lift)



MK	Qty	Desc	MK	Qty	Desc
10e	1	.313 Nylok Hex Nut	10c	2	.125 Copper Stop 520-20040
			10f	1	.313 Kidney Snap 434-24905
					Typical 4 Places

**Harness Strength Calculation**

Hanging sign weight is calculated based on weight of the structure and the weight of the fabric:

1. The weight of the structure material is 0.29 lbs per linear feet
2. The weight of the fabric is 0.04 lbs per sq. feet

Based on information above, one string of the harness at a standard 45 degree sling angle will accommodate 163 sq. feet surface measured sign. The vertical string will hold 233 sq. feet surface measured sign.

NOTE: If motor used for rotation, see motor specification.

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**NOTE :**

PDF copies of your Setup Instructions are available @ [classicexhibits.com](http://classicexhibits.com)  
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Enter the 5 digit Order #.

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