

AERO

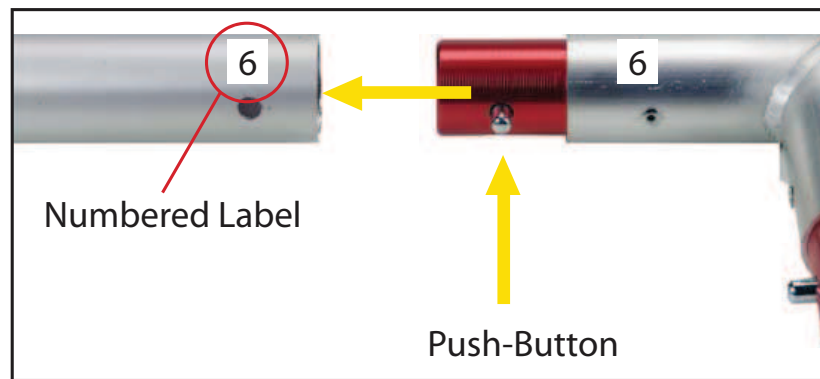
Using Your Setup Instructions

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.

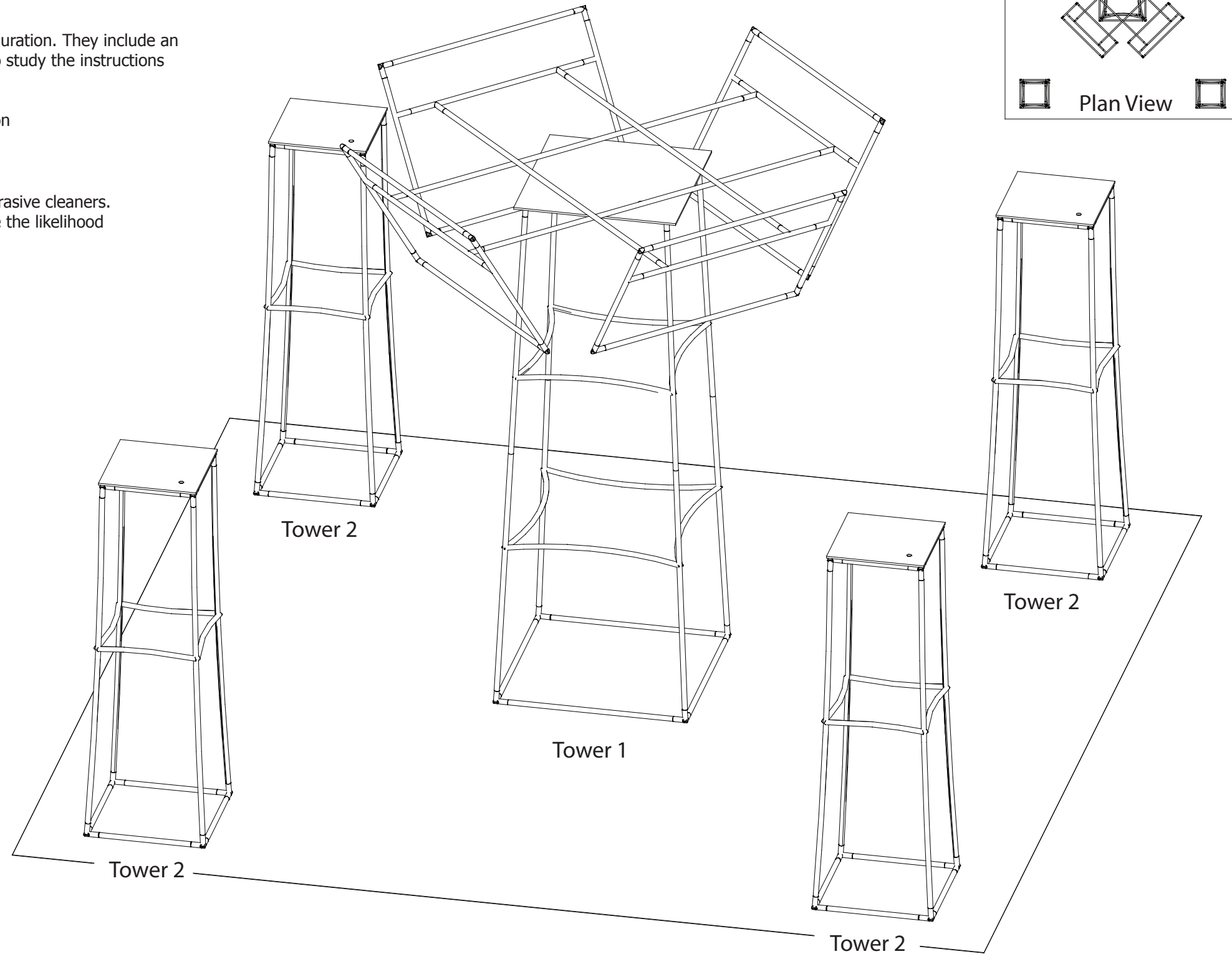
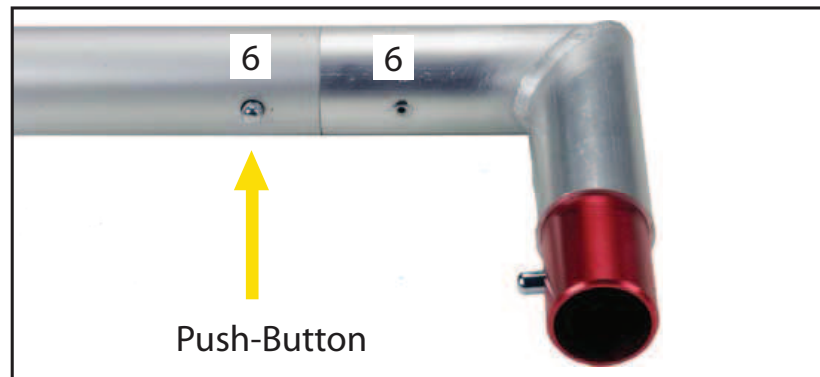
Connections are kept very simple: no tools. Everything assembles with push-button connectors and pre-connected horizontal sections.

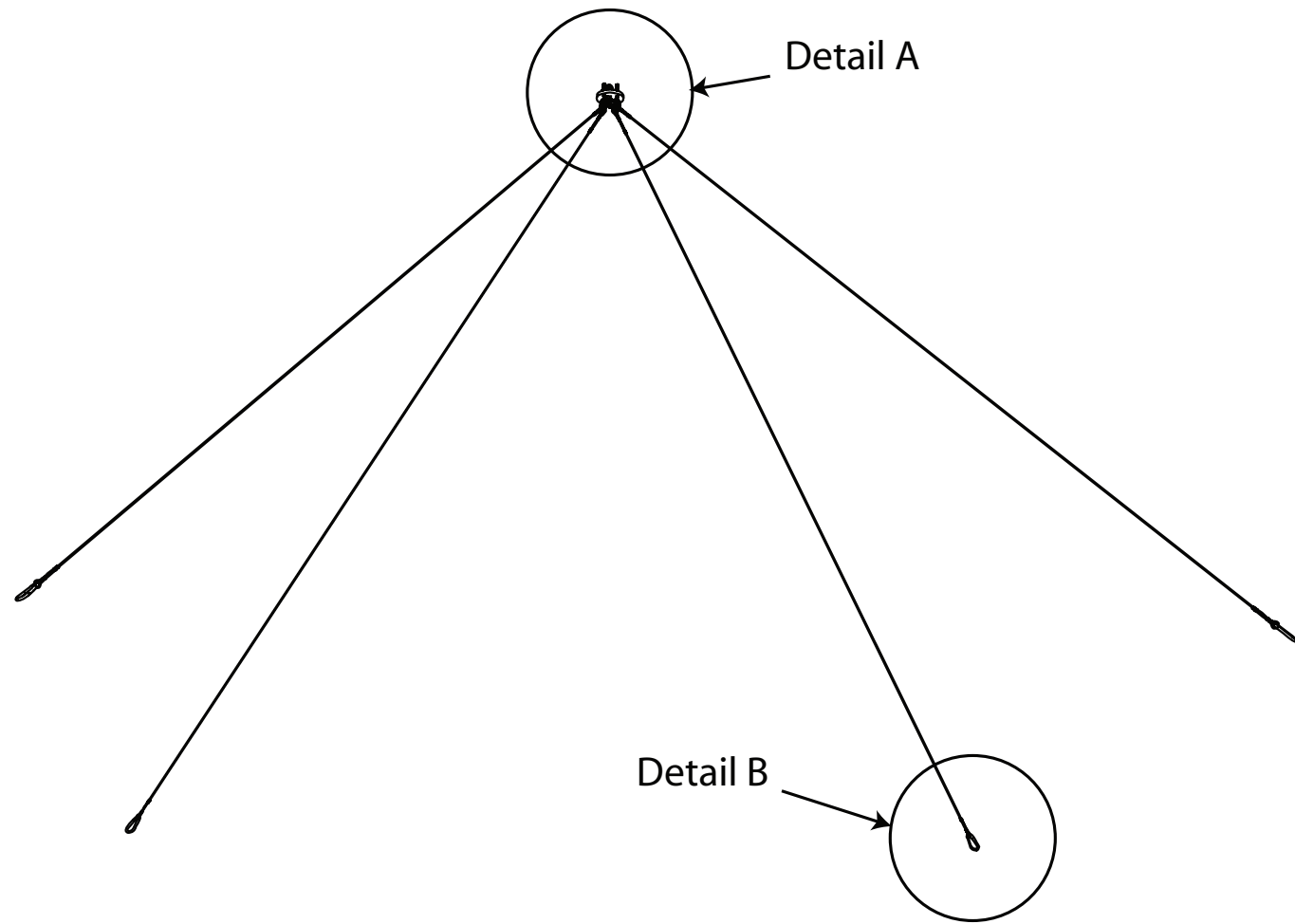
Cleaning and Packing Your Display

- 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.





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)

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.

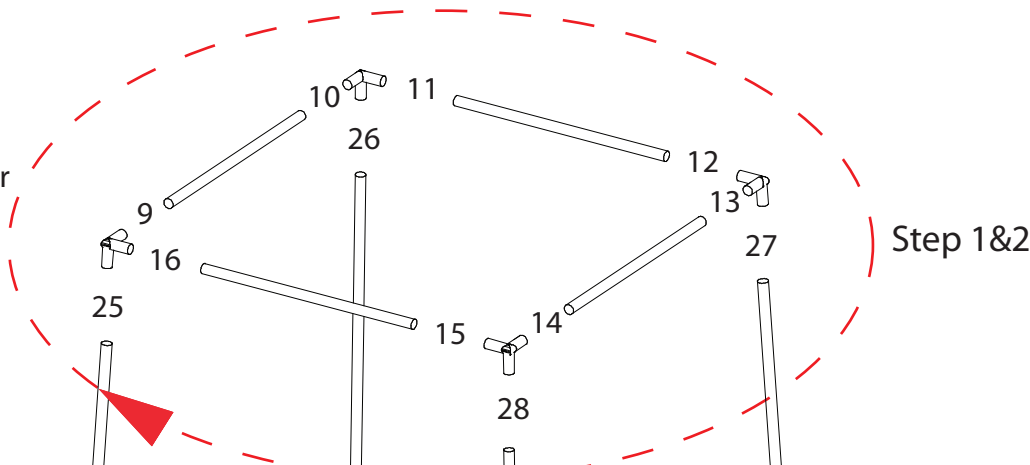
NOTE: If motor used for rotation, see motor specification.

<p style="text-align: center;">Harness Head Assembly</p>			<p style="text-align: center;">Harness Tail Assembly</p>		
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

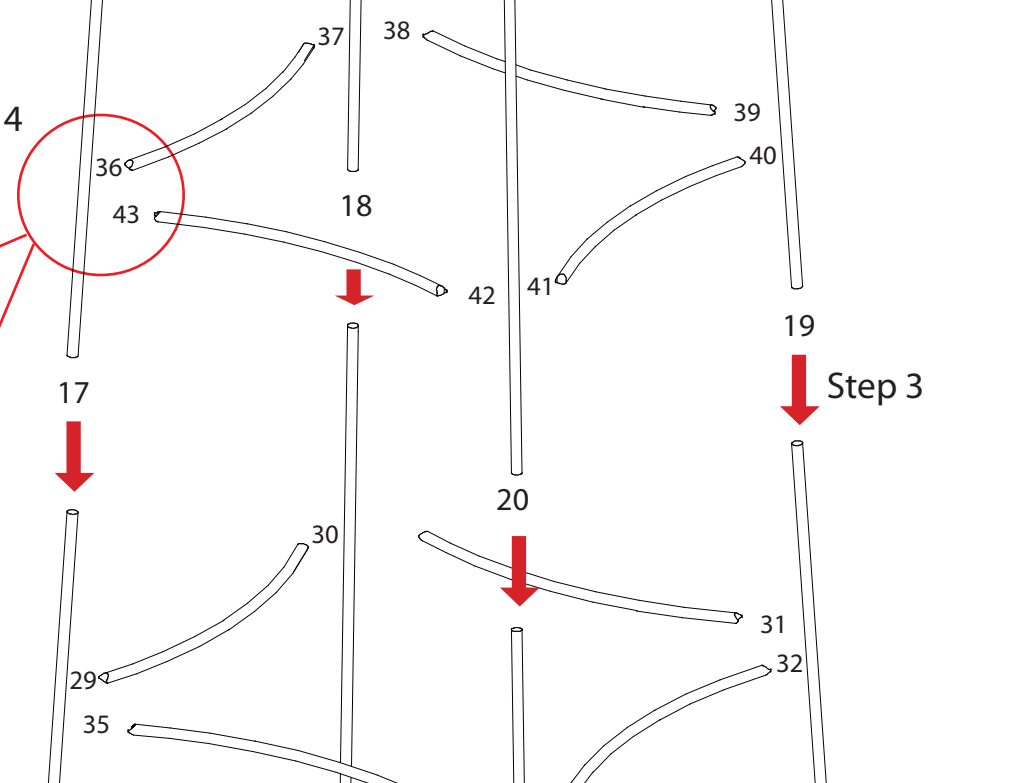
866.652.2100

Steps:

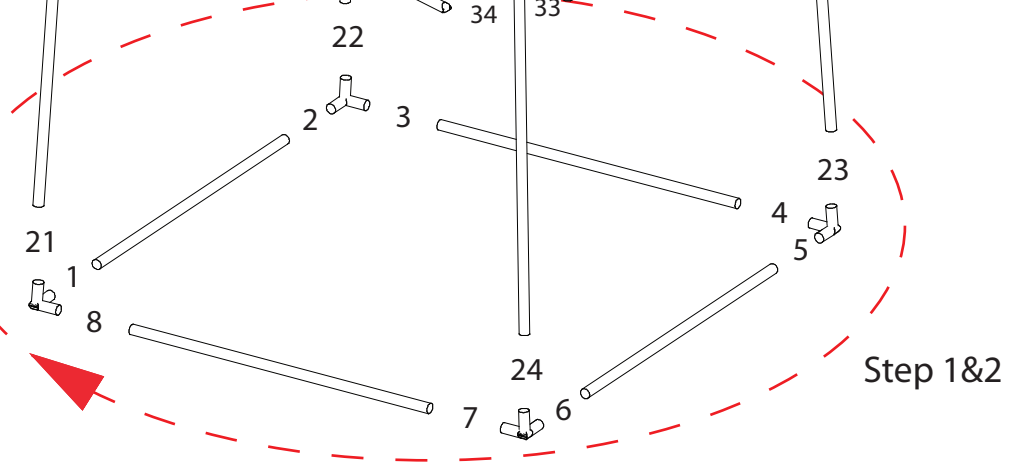
- 1) Connect lower and upper pieces together [1 thru 16] in numerical order.
- 2) Connect lower and upper assemblies to vertical pieces together [21 thru 28].
- 3) Connect upper and lower assemblies from previous step together.
- 4) Attach curved horizontals to assembled frame in numerical order as shown, see Aero Tube Attachment detail.
- 5) Set laminated cap atop assembled tower as shown.



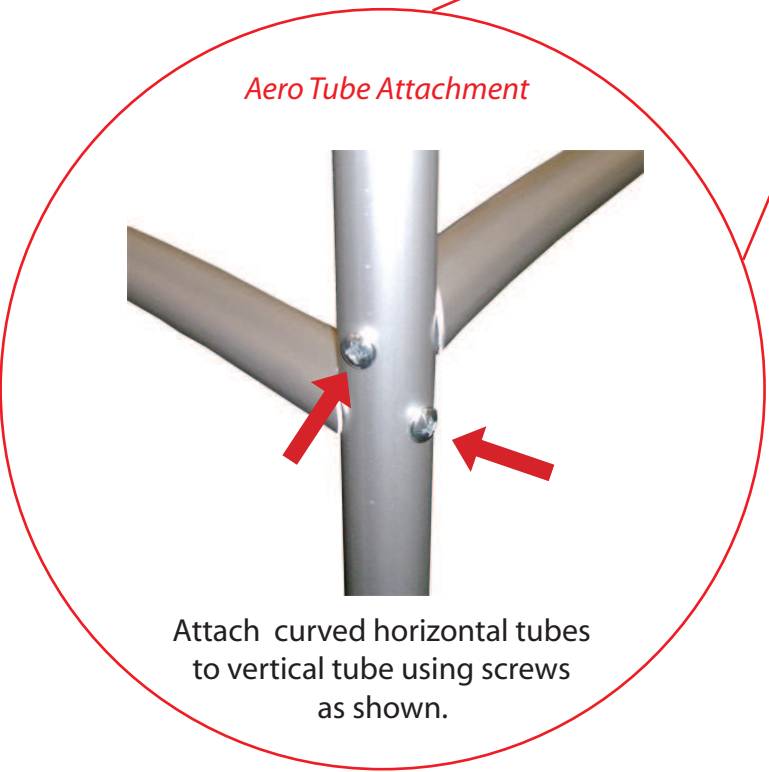
Step 1&2



Step 3

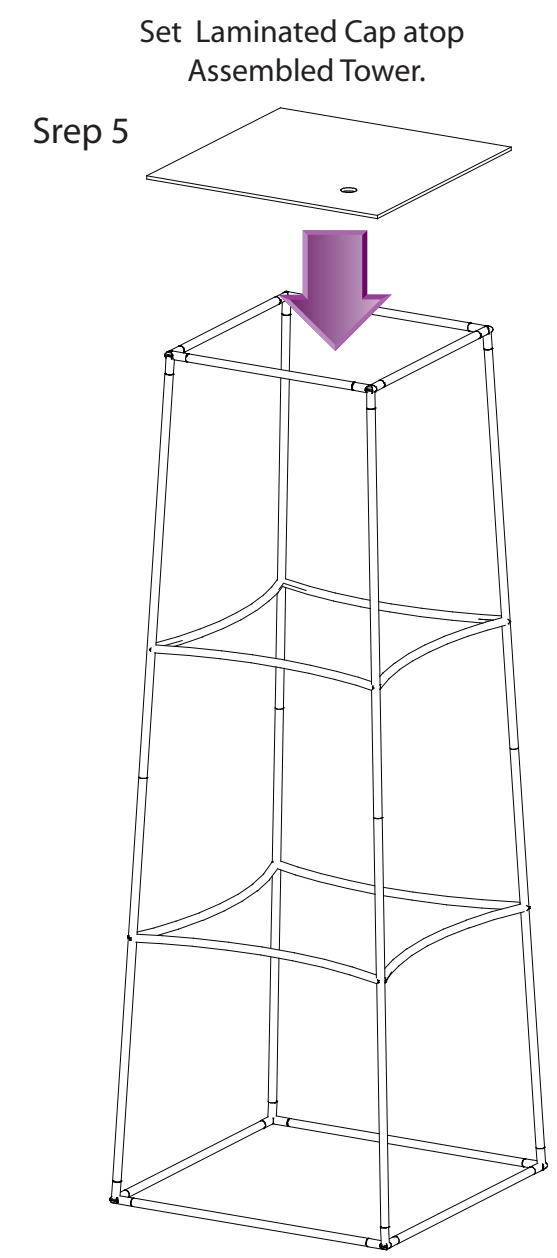


Step 1&2

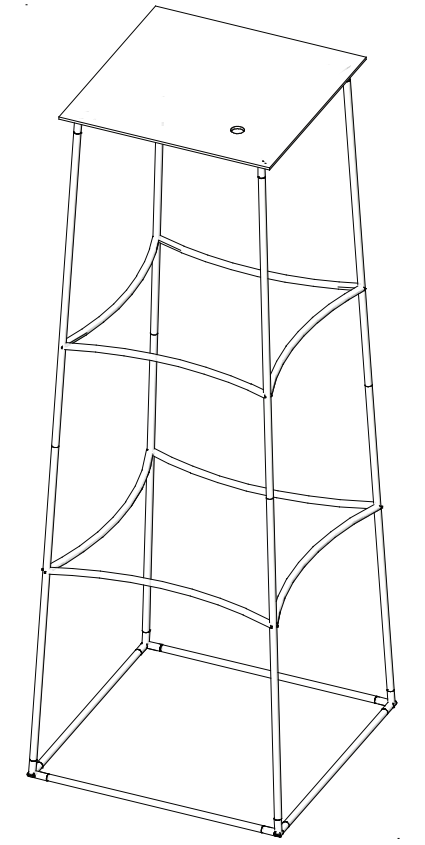


Aero Tube Attachment

Attach curved horizontal tubes to vertical tube using screws as shown.



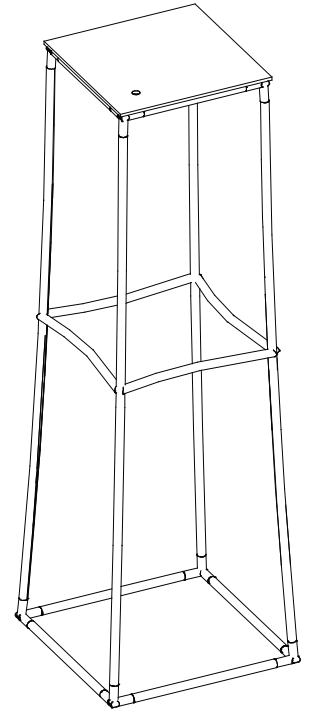
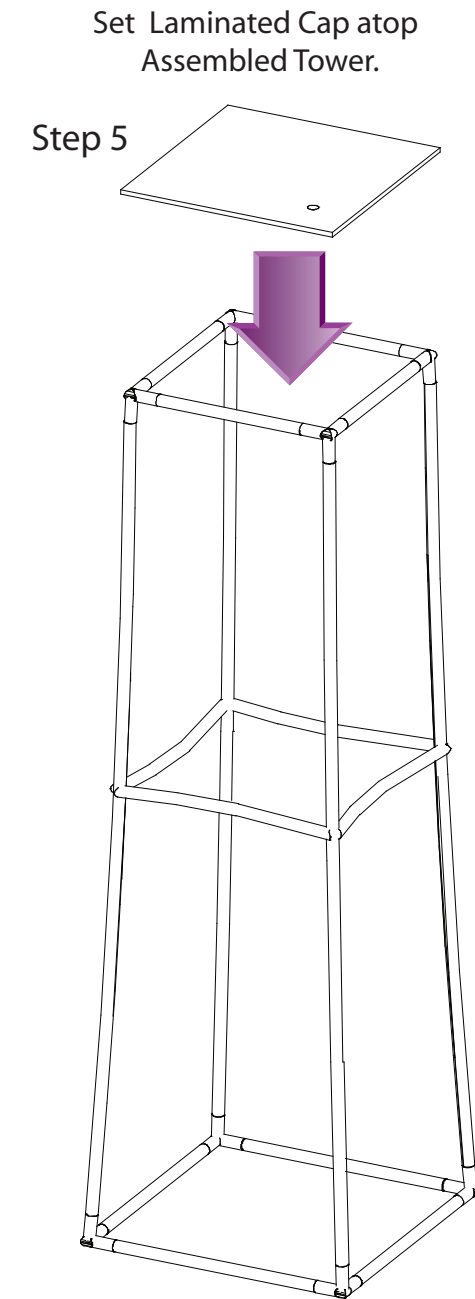
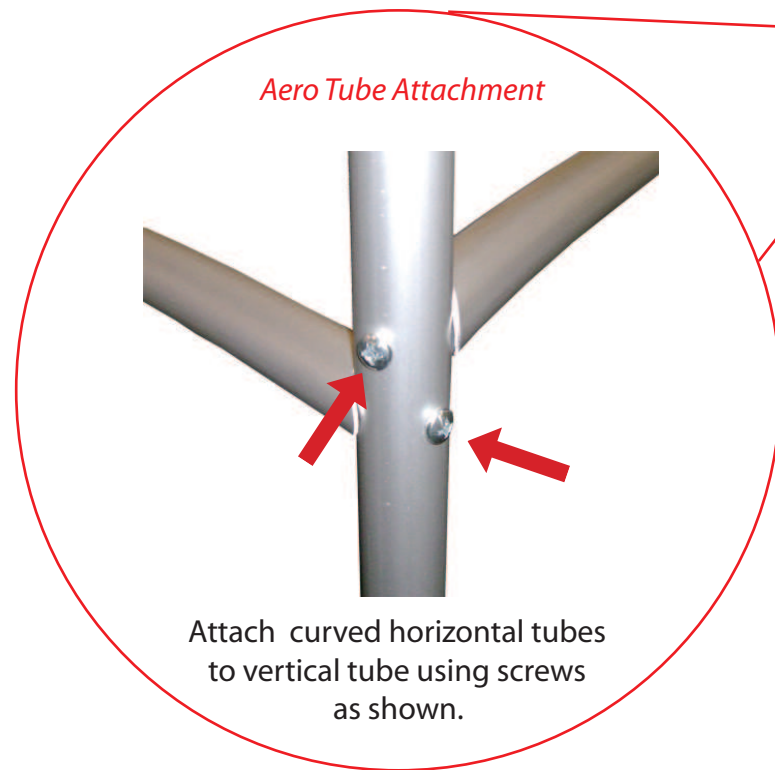
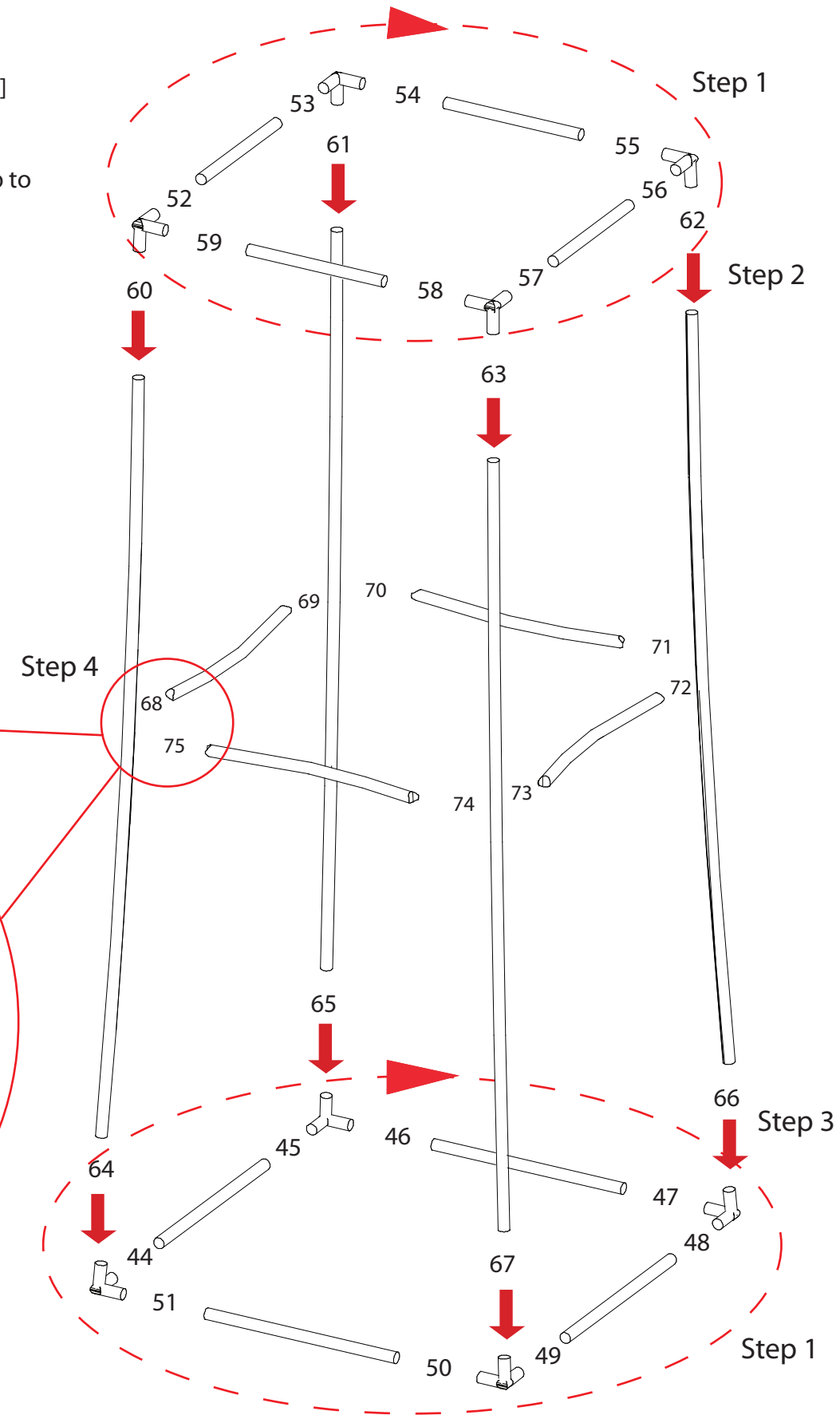
Step 5



866.652.2100

Steps:

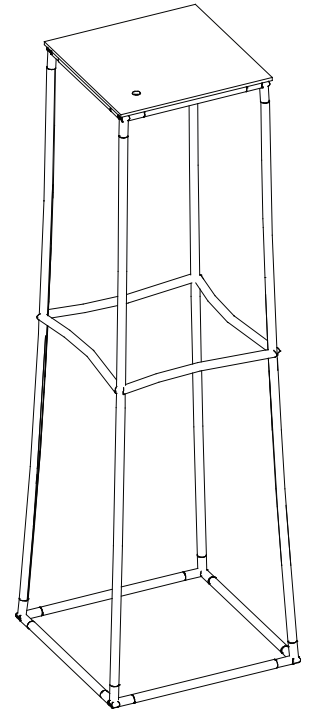
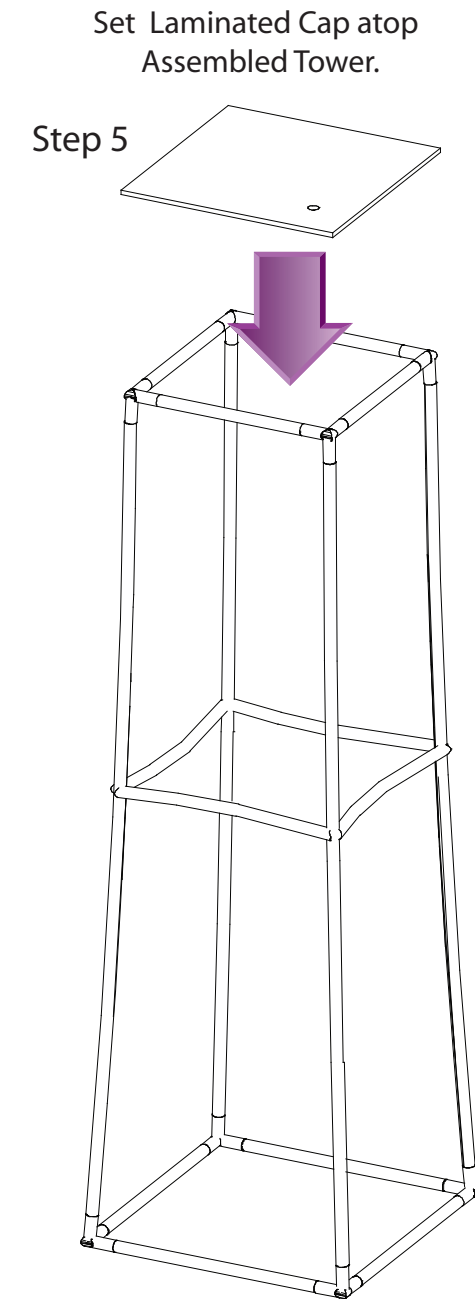
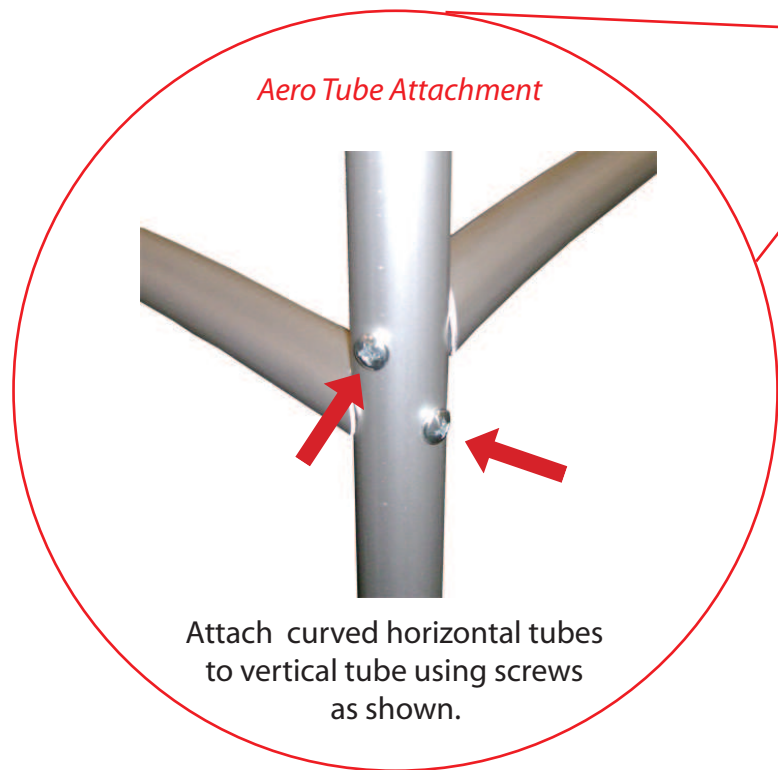
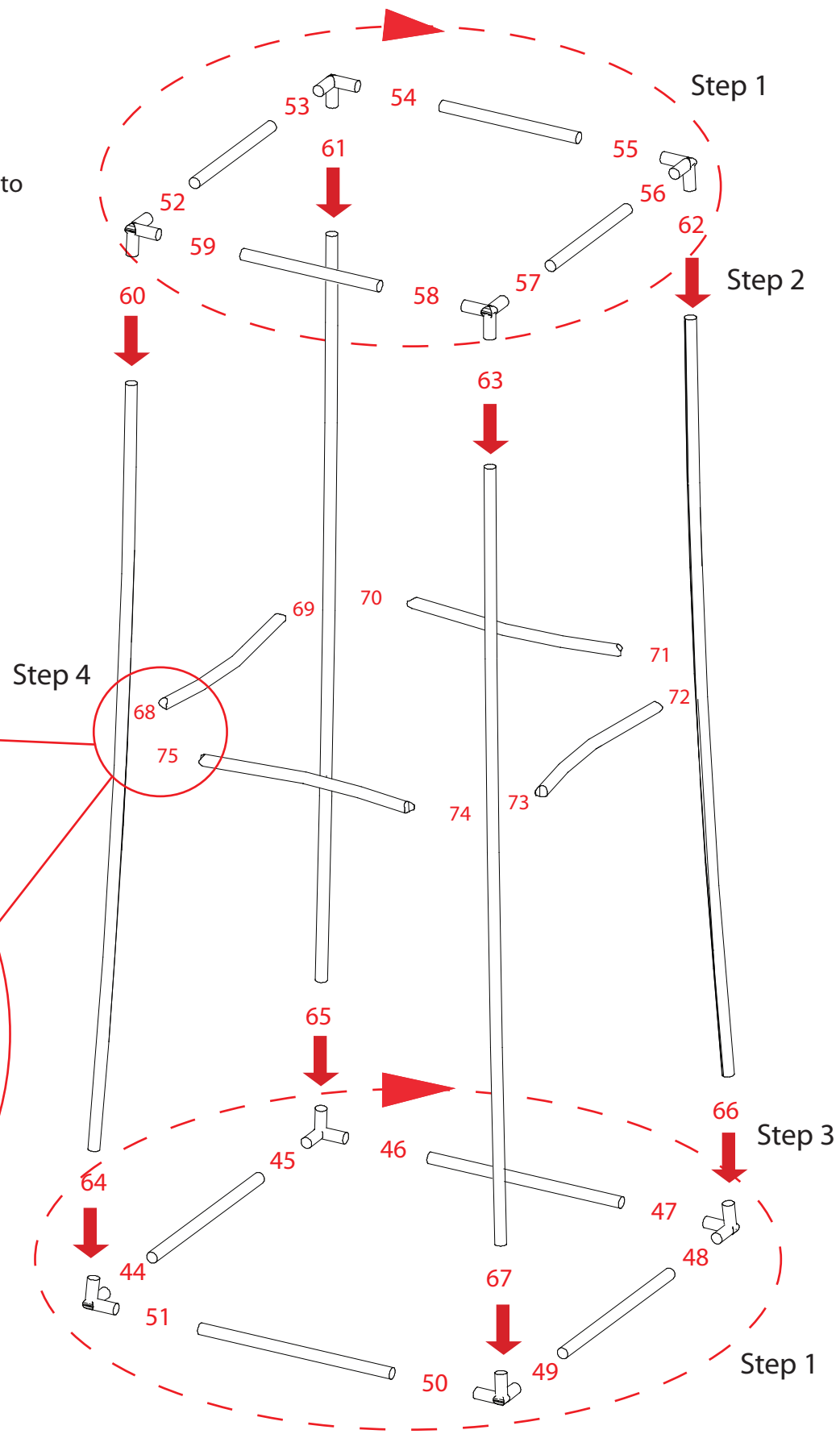
- 1) Connect lower and upper pieces together [44 thru 59] in numerical order.
- 2) Connect upper section to verticals .
- 3) Connect assembled upper section from previous step to lower section as shown.
- 4) Attach curved horizontals to assembled frame in numerical order as shown.
- 5) Set laminated cap atop assembled tower as shown.



866.652.2100

Steps:

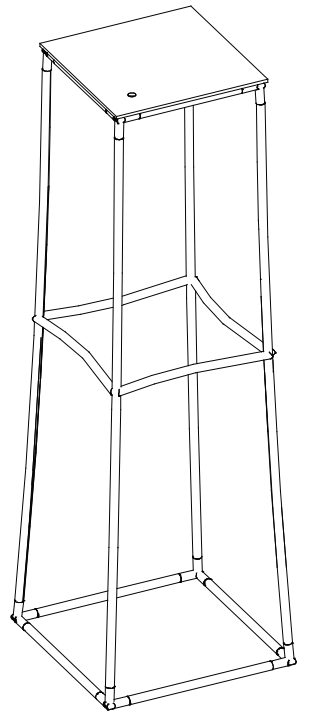
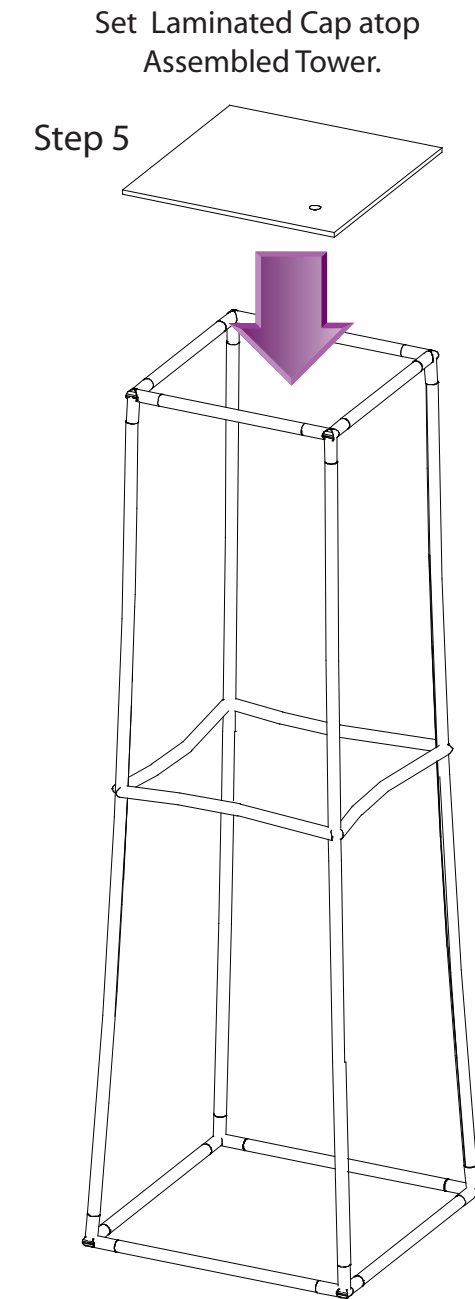
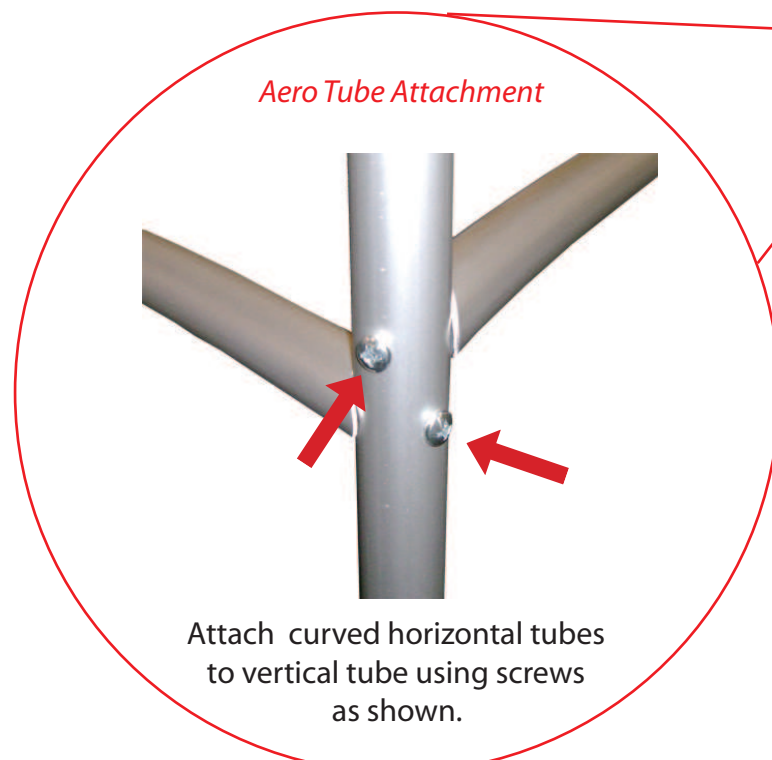
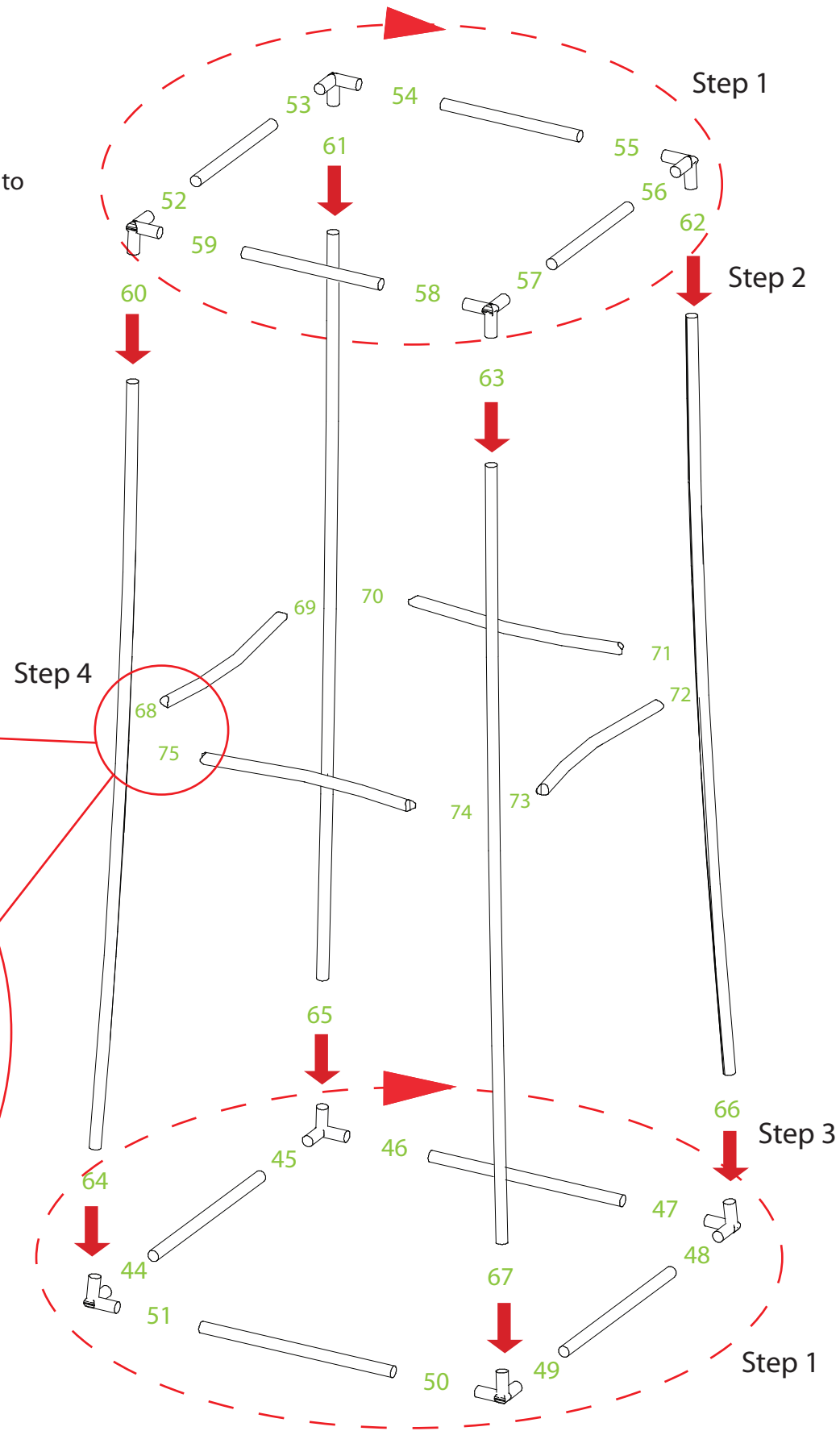
- 1) Connect lower and upper pieces together [44 thru 59] in numerical order.
- 2) Connect upper section to verticals .
- 3) Connect assembled upper section from previous step to lower section as shown.
- 4) Attach curved horizontals to assembled frame in numerical order as shown.
- 5) Set laminated cap atop assembled tower as shown.



866.652.2100

Steps:

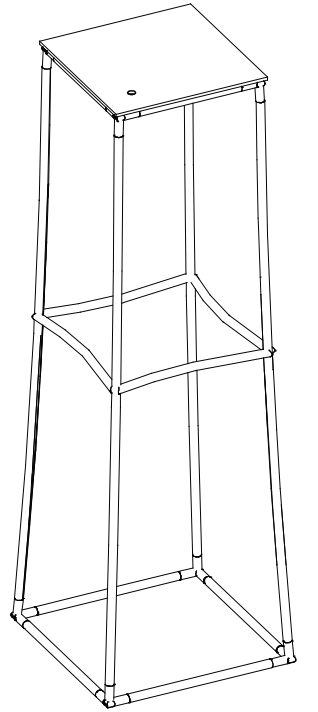
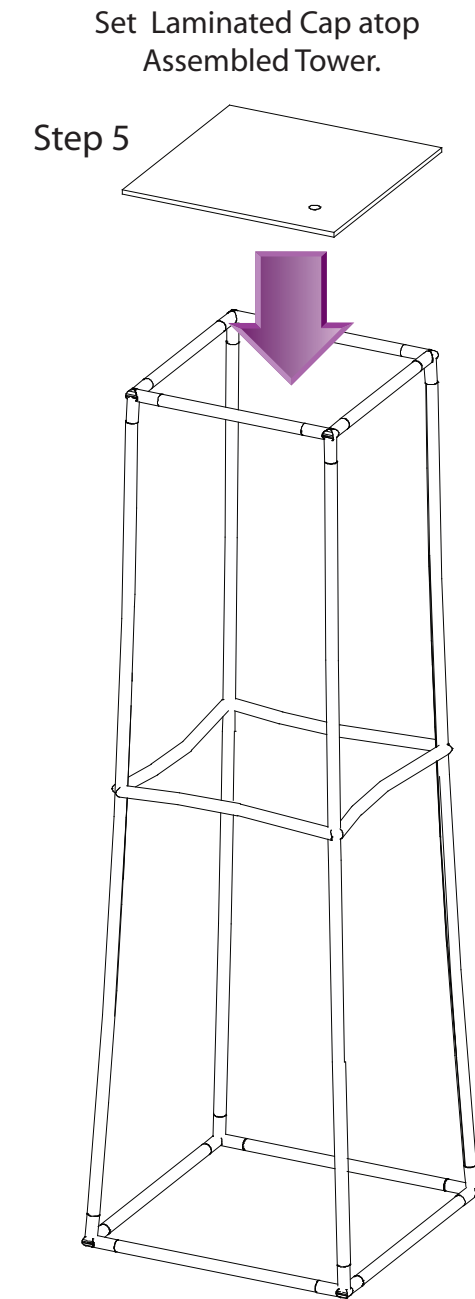
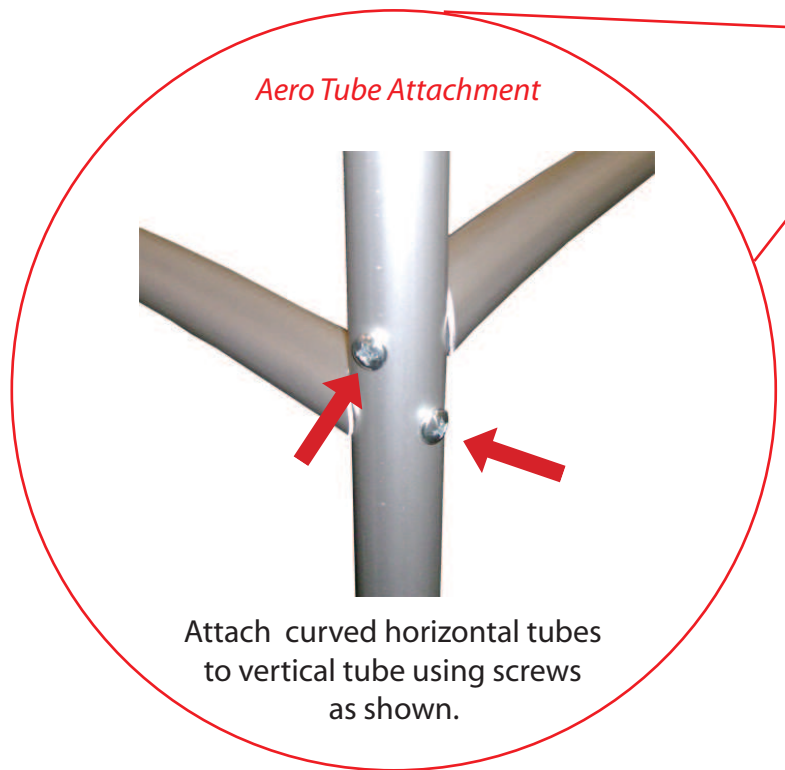
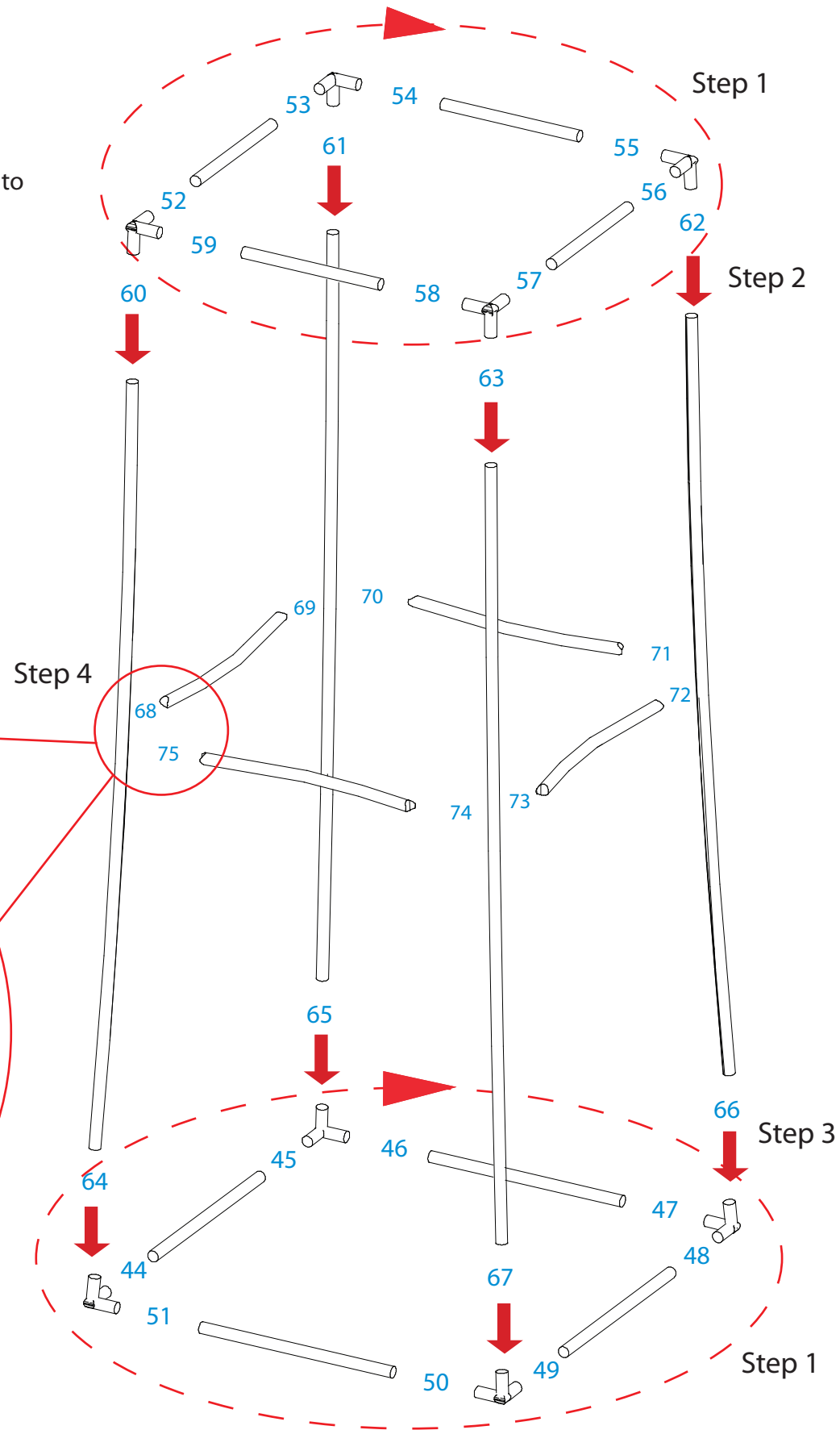
- 1) Connect lower and upper pieces together [44 thru 59] in numerical order.
- 2) Connect upper section to verticals .
- 3) Connect assembled upper section from previous step to lower section as shown.
- 4) Attach curved horizontals to assembled frame in numerical order as shown.
- 5) Set laminated cap atop assembled tower as shown.



866.652.2100

Steps:

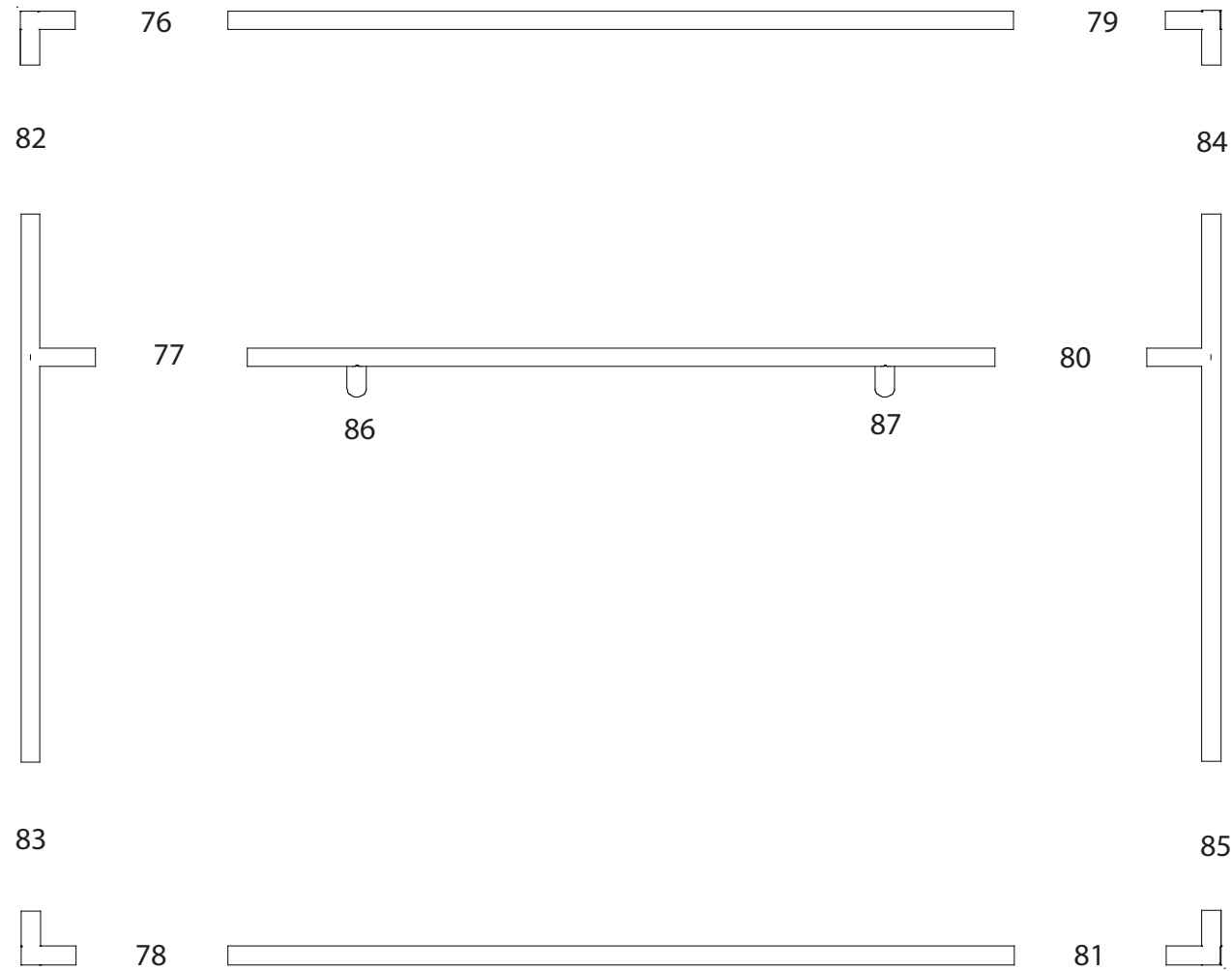
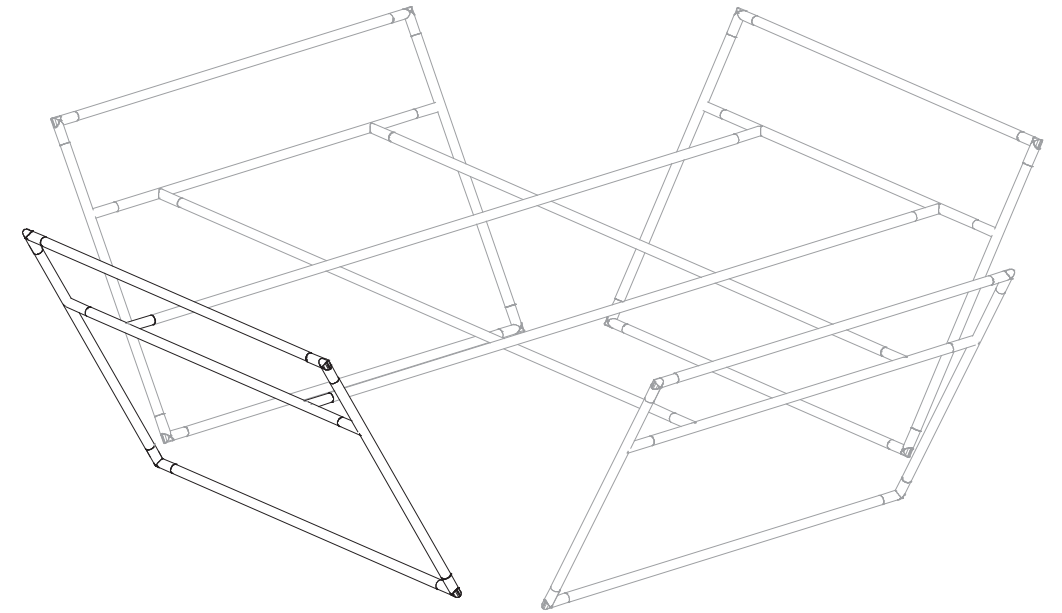
- 1) Connect lower and upper pieces together [44 thru 59] in numerical order.
- 2) Connect upper section to verticals .
- 3) Connect assembled upper section from previous step to lower section as shown.
- 4) Attach curved horizontals to assembled frame in numerical order as shown.
- 5) Set laminated cap atop assembled tower as shown.



866.652.2100

Steps:

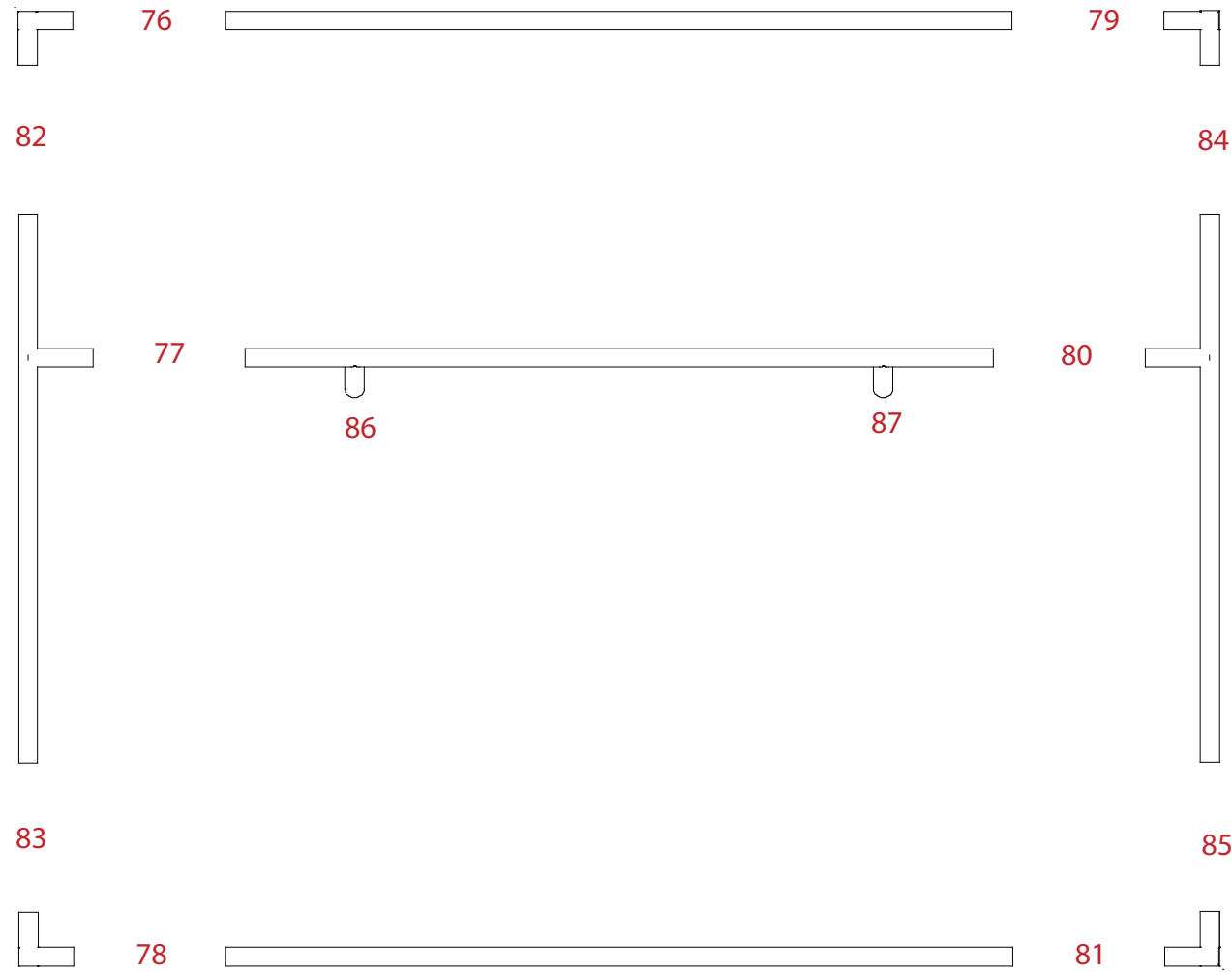
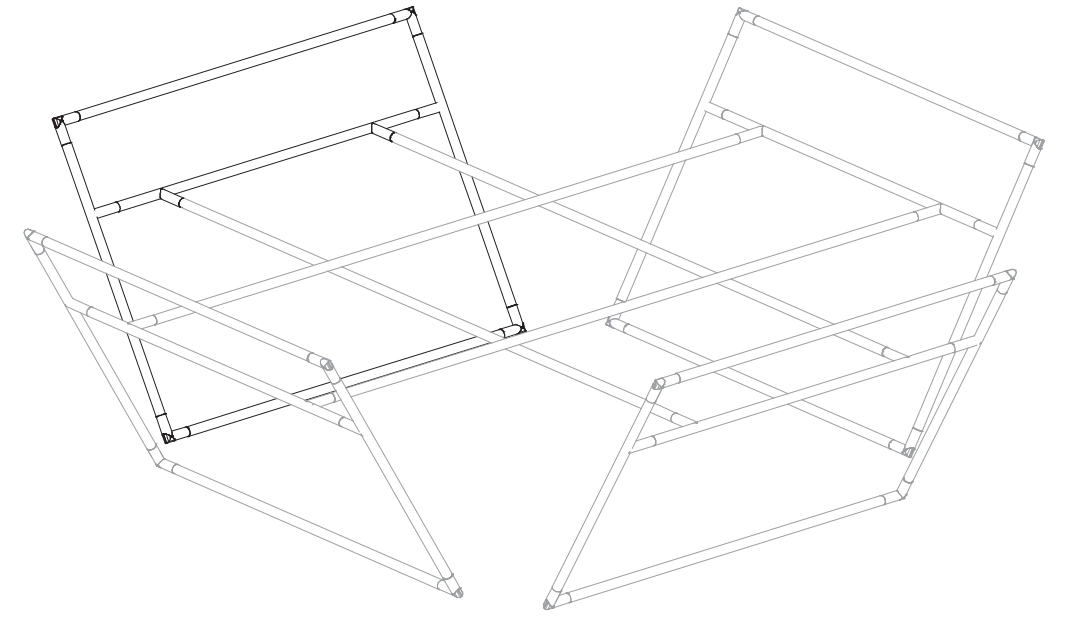
1) Connect all header pieces together as shown.



866.652.2100

Steps:

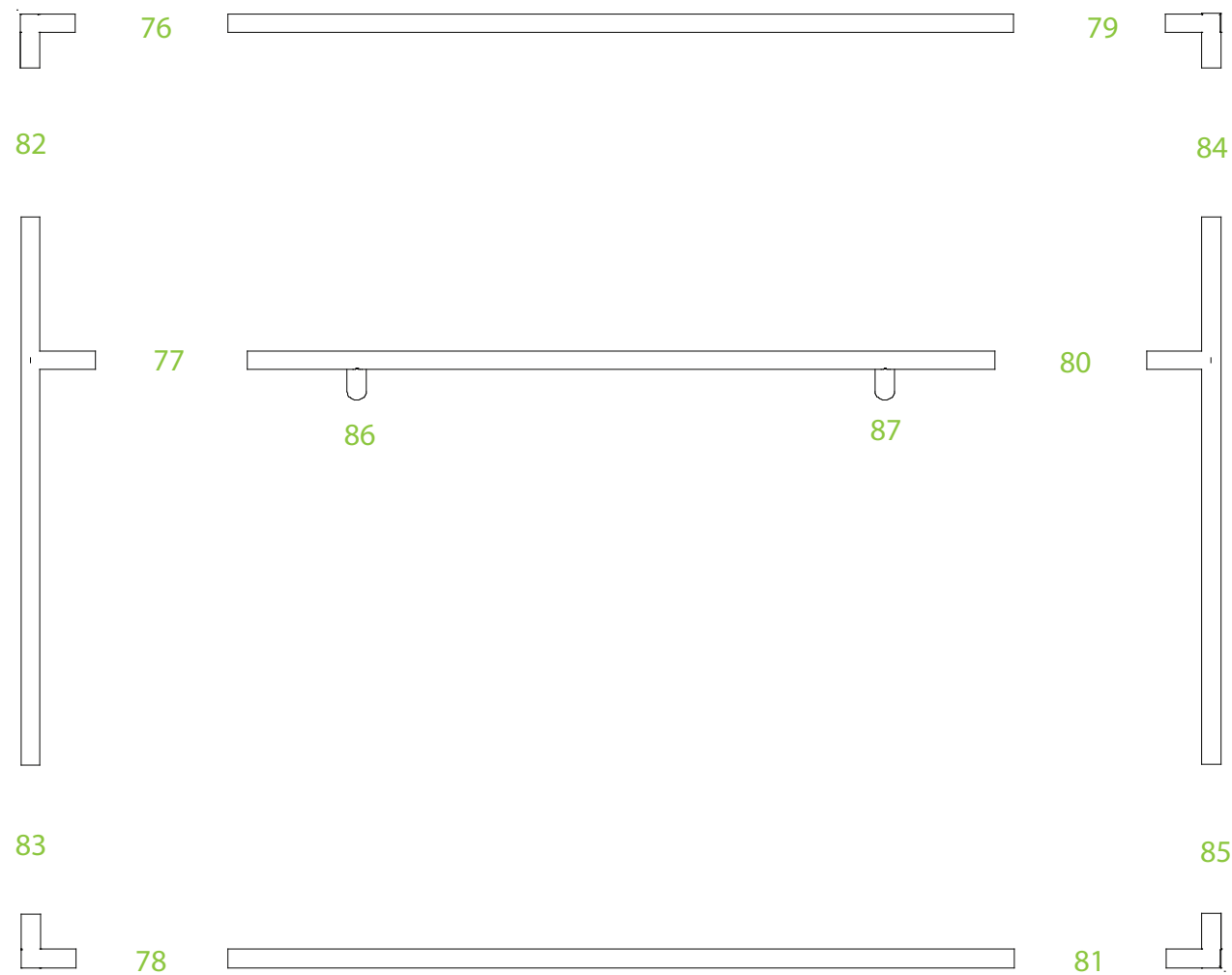
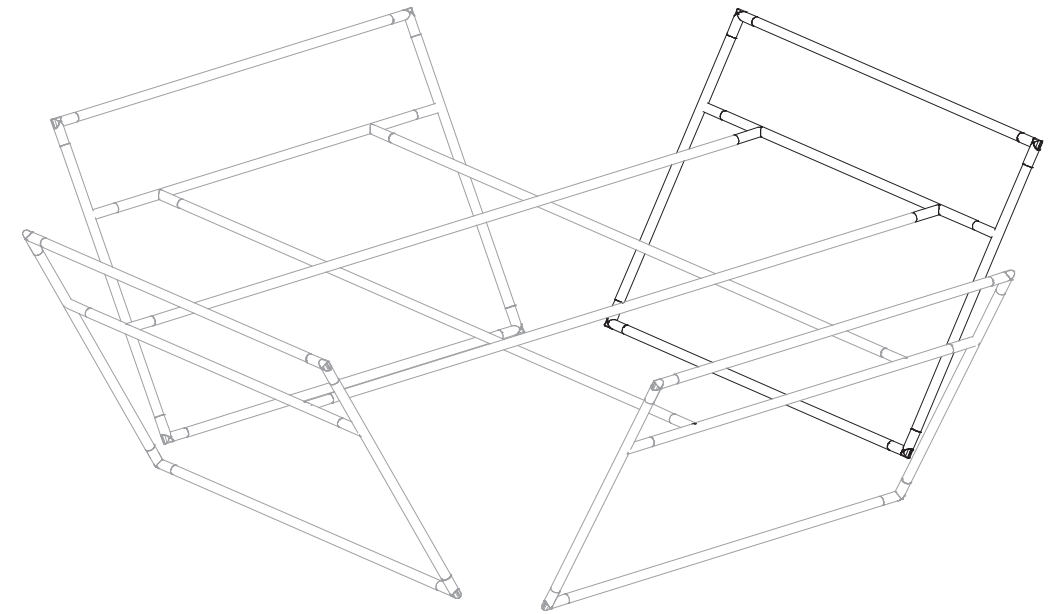
1) Connect all header pieces together as shown.



866.652.2100

Steps:

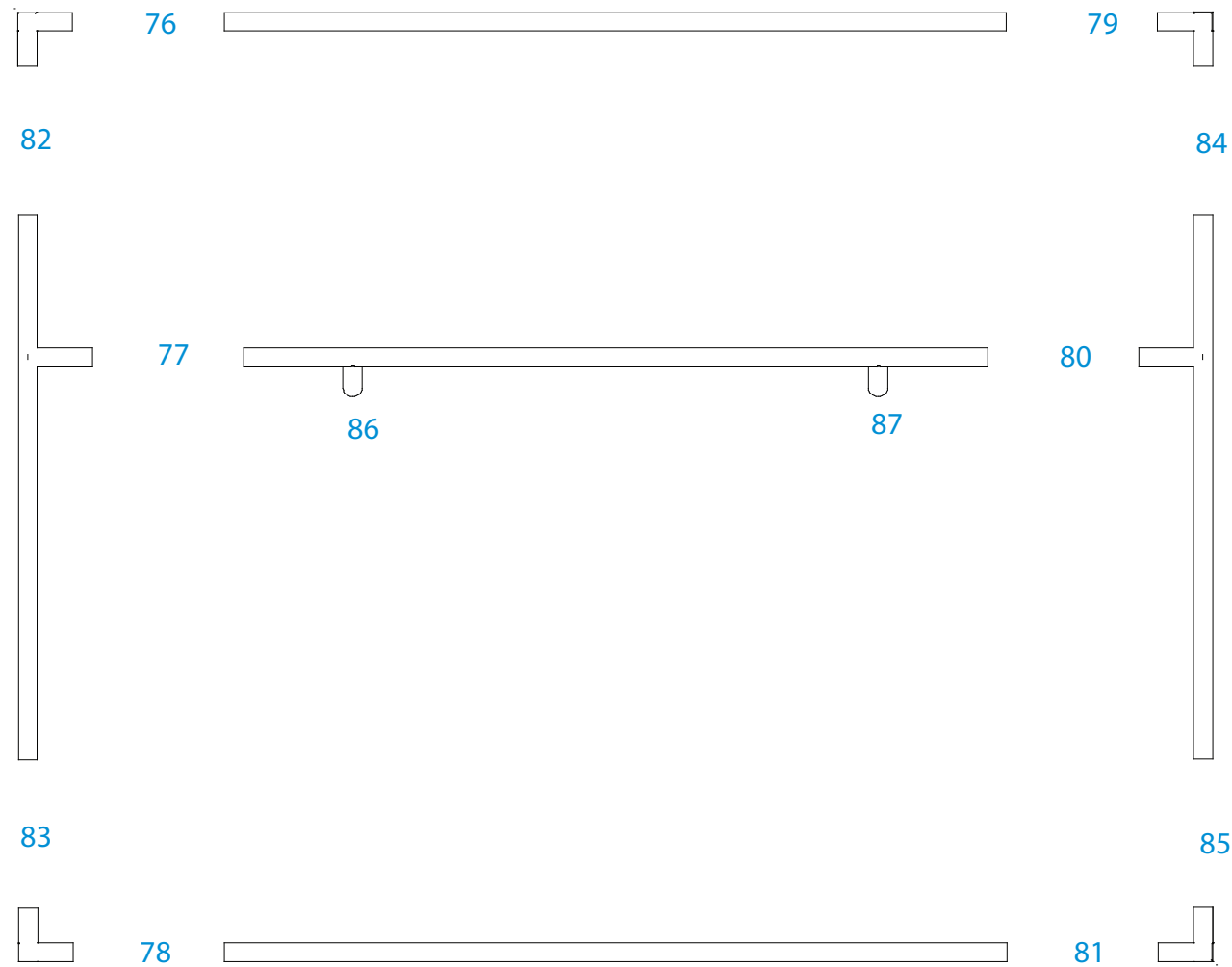
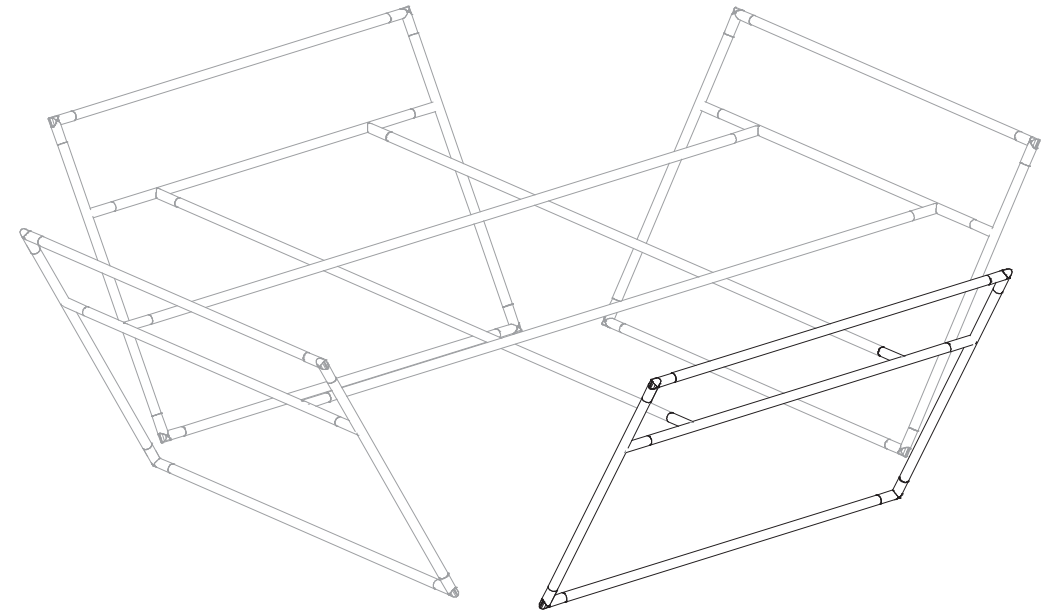
1) Connect all header pieces together as shown.



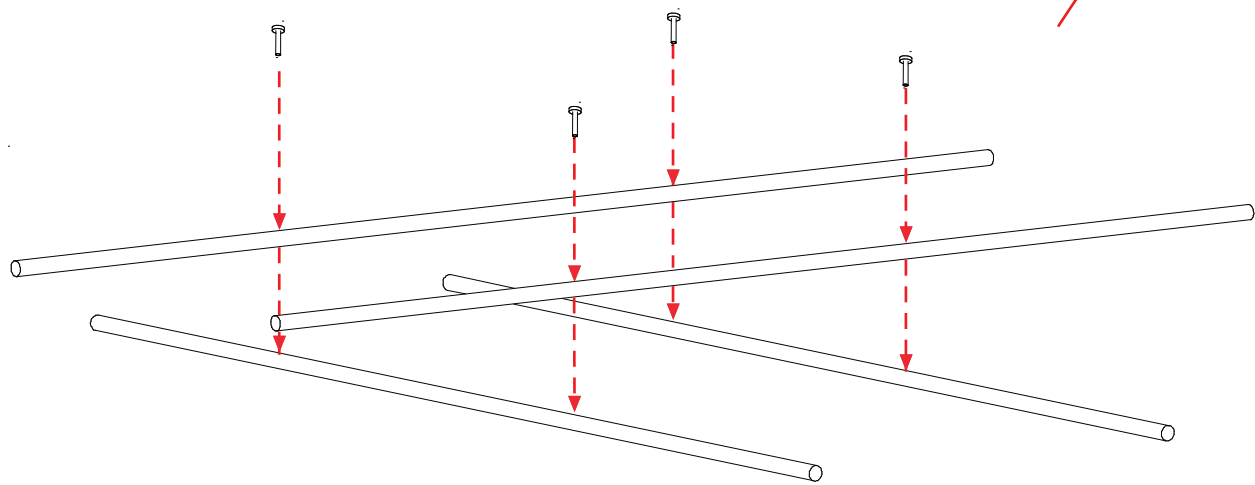
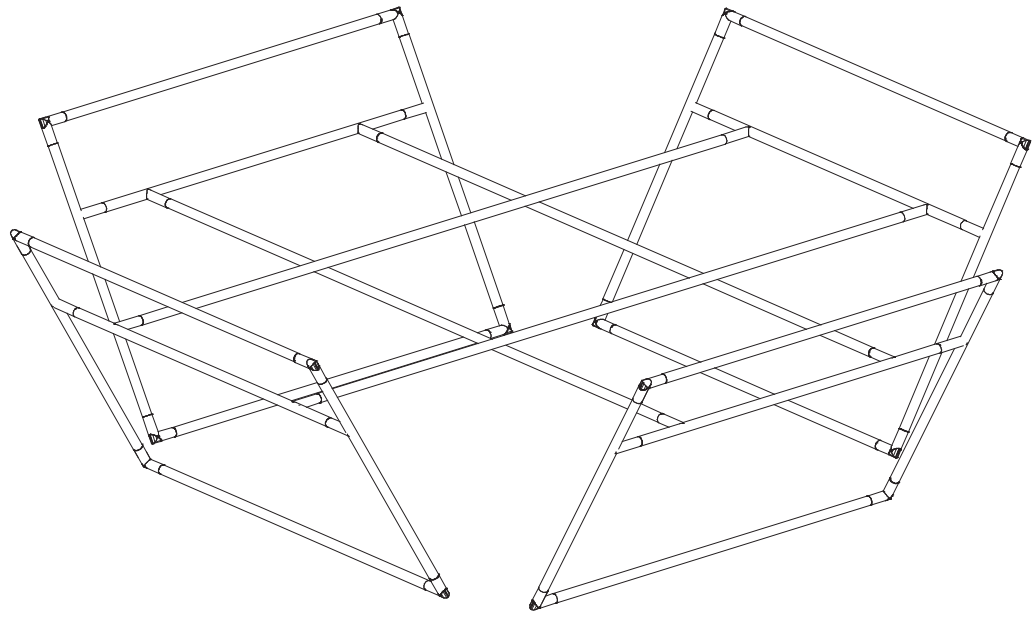
866.652.2100

Steps:

1) Connect all header pieces together as shown.

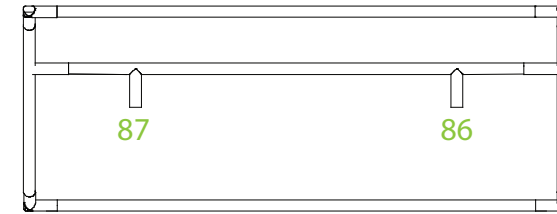
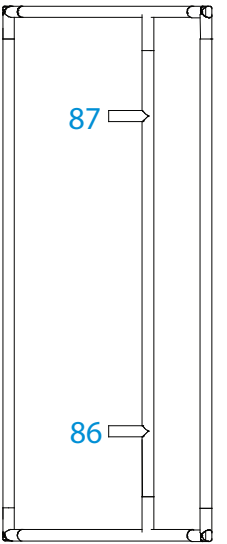
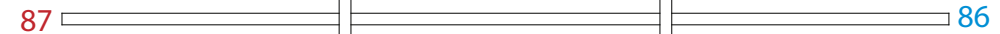
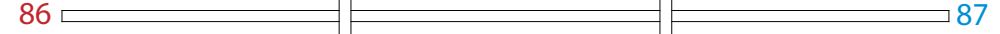
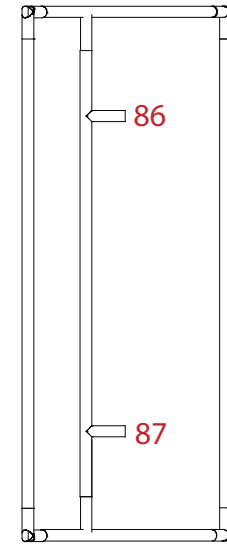
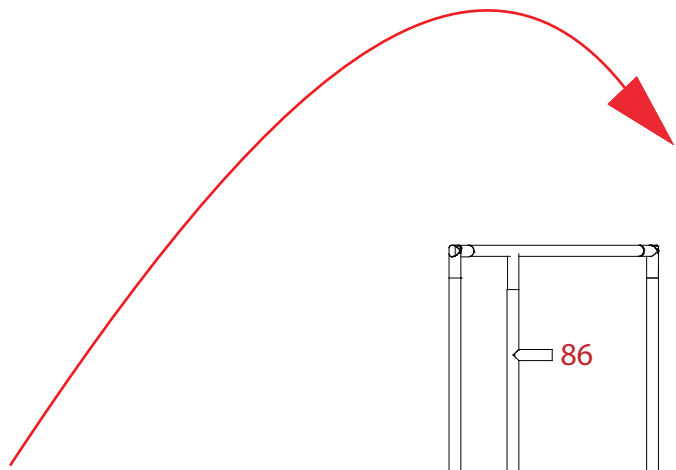


866.652.2100



Steps:

- 1) Connect (4) aero tubes together to create support structure.
- 2) Connect header frames to center structure as shown.

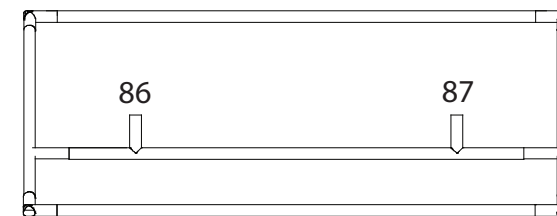


87

86

86

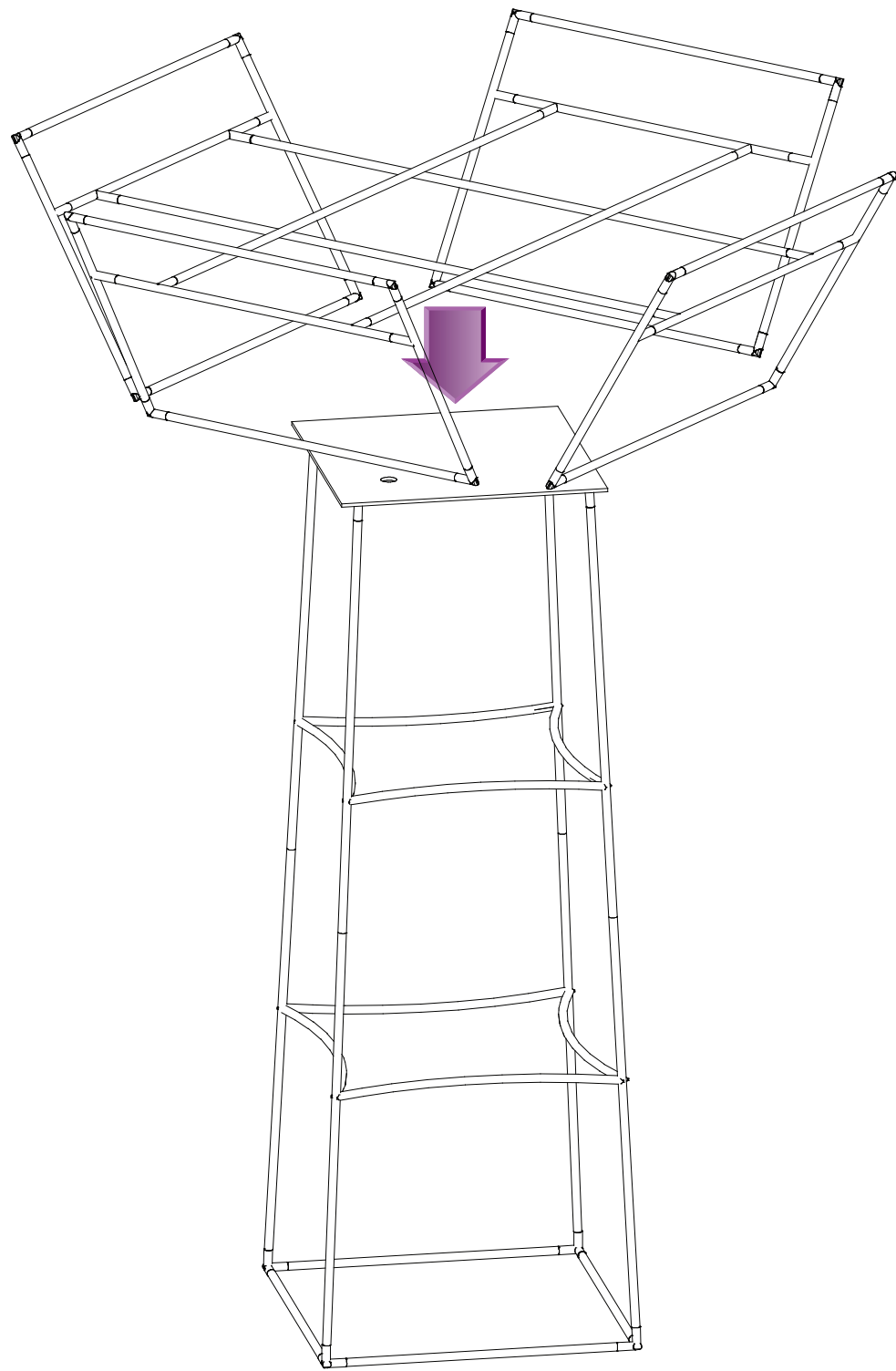
87



86

87

866.652.2100



Place assembled header atop assembled main tower as shown.

