



[sales@allsportsystems.com](mailto:sales@allsportsystems.com)

877-847-1280

[www.allsportsystems.com](http://www.allsportsystems.com)

# SETUP GUIDE FOR THE STUDIOBAY™ Golf Simulator Screen Systems



**IMPORTANT WARNING: USE THIS PRODUCT AT YOUR OWN RISK. NO CLAIM IS MADE AS TO ITS SAFETY, FITNESS, OR RELIABILITY FOR ANY PURPOSE.**

HITTING GOLF BALLS IN AN INDOOR ENVIRONMENT IS EXTREMELY DANGEROUS!  
ALWAYS EXERCISE CAUTION WHEN USING YOUR SYSTEM.

WE RECOMMEND HITTING 'ALMOST GOLF' BALLS OR SIMILAR LIGHTWEIGHT GOLF BALLS FOR INCREASED SAFETY.

NEVER SWING A GOLF CLUB IN CLOSE PROXIMITY TO PETS OR PEOPLE. ALWAYS STAND AS CLOSE AS POSSIBLE TO THE HITTING BAY TO MINIMIZE THE RISK OF STRAY SHOTS FLYING OUTSIDE THE ENCLOSURE.

NEVER ALLOW ANYONE TO STAND IN FRONT OF YOU, OR ON EITHER SIDE OF THE ENCLOSURE WHILE YOU ARE HITTING!

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**For safety we recommend at least two persons to be on hand to assemble your enclosure.**

## ITEMS YOU WILL NEED



### *Tools/Equipment*

Six foot step ladder  
Screwdriver  
Hacksaw/Tubing Cutter (or ask the store to cut the EMT poles/Strut for you)

Wrench Set  
Scissors/Utility Knife  
Measuring Tape  
Pencil

### ***Building Materials Not Included:***

The following items are not included and must be purchased locally.

	<p><b>Metal EMT Poles</b> <b>Trade Size Designation:</b> <b>1" diameter, common EMT 10-ft Conduit</b> For quantity and lengths needed see chart on the following page.</p> <p>Actual Size: Outside diameter is approximately 1 3/16", see <a href="#">Appendix C</a></p>
	<p><b>Steel Channel Strut (commonly called Unistrut™ or SuperStrut™)</b> <b>1-5/8" x 7/8" or 1-5/8" x 13/16"</b> (also called shallow channel strut). These 10' long channels can be purchased from any major local hardware store.</p>

## MEASURING AND CUTTING EMT POLES

**Note:** Corner brackets add about 3" to the depth, height and width of your enclosure, thus poles are cut 3" shorter than the enclosure dimension as shown below.

### ***EMT poles and STRUT channels for standard bay sizes:***

Review the chart below to determine the number and sizes of EMT and STRUT needed for your bay size.

<b>NOTE:</b>	<b>12'W x 8'H x 5'D</b>	<b>14'W x 8'6"H x 5'D</b>
<p><b>CENTER SUPPORT:</b> Only required on StudioBay systems 16' wide or larger. Customers with a SkyRailPLUS will not need the Center Support Strut.</p> <p><b>OTHER DEPTHS:</b> EMT count is based on 5ft deep bays. For bays deeper than 5ft you will need <u>4 EMT</u> poles for the depth instead of two. Cut each depth pole 3" shorter than the bay depth. (i.e 8ft deep requires 4 poles 7'9" long.)</p> <p><b>CUSTOM SIZING:</b> See next section if you have a custom height or width.</p>	<p><b>Purchase Locally:</b> 11 ea 10ft - EMT pole (1" Common) 3 ea 10ft - STRUT (shallow channel)</p> <p><b>Cut as follows:</b></p> <p>▸Height (6): 6 EMT cut to 7'9" [93"]</p> <p>▸Width (4): Set aside: 2 EMT - 10ft ea (no cuts) 2 STRUT - 10ft ea (no cuts)</p> <p>▸Width Extender (4): 1 EMT cut into 2 ea 1'9" [21"] 1 STRUT cut into 2 ea 1'9" [21"]</p> <p>▸Depth (4): 2 EMT cut into 4 ea 4'9" [57"]</p>	<p><b>Purchase Locally:</b> 11 ea 10ft - EMT pole (1" Common) 3 ea 10ft - STRUT (shallow channel)</p> <p><b>Cut as follows:</b></p> <p>▸Height (6): 6 EMT cut to 8'3" [99"]</p> <p>▸Width (4): Set aside: 2 EMT - 10ft ea (no cuts) 2 STRUT - 10ft ea (no cuts)</p> <p>▸Width Extender (4): 1 EMT cut into 2 ea 3'9" [45"] 1 STRUT cut into 2 ea 3'9" [45"]</p> <p>▸Depth (4): 2 EMT cut into 4 ea 4'9" [57"]</p>
<b>16'W x 9'H x 5'D</b>	<b>18'W x 9'H x 5'D</b>	<b>20'W x 10'H x 5'D</b>
<p><b>Purchase Locally:</b> 12 ea 10ft - EMT pole (1" Common) 4 ea 10ft - STRUT (shallow channel)</p> <p><b>Cut as follows:</b></p> <p>▸Height (6): 6 EMT cut to 8'9" [105"]</p> <p>▸Width (4): Set aside: 2 EMT - 10ft ea (no cuts) 2 STRUT - 10ft ea (no cuts)</p> <p>▸Width Extender (4): ▸Center Support (1): 2 EMT cut into 2 ea 5'9" [69"] 2 STRUT cut into: 2 ea 5'9" [69"] 1 ea 4'0" (center support) [48"]</p> <p>▸Depth (4): 2 EMT cut into 4 ea 4'9" [57"]</p>	<p><b>Purchase Locally:</b> 12 ea 10ft - EMT pole (1" Common) 5 ea 10ft - STRUT (shallow channel)</p> <p><b>Cut as follows:</b></p> <p>▸Height (6): 6 EMT cut to 8'9" [105"]</p> <p>▸Width (4): Set aside: 2 EMT - 10ft ea (no cuts) 2 STRUT - 10ft ea (no cuts)</p> <p>▸Width Extender (4): 2 EMT cut into 2 ea 7'9" [93"] 2 STRUT cut into 2 ea 7'9" [93"]</p> <p>▸Center Support (1): 1 STRUT cut to 1 ea 4'0" [48"]</p> <p>▸Depth (4): 2 EMT cut into 4 ea 4'9" [57"]</p>	<p><b>Purchase Locally:</b> 12 ea 10ft - EMT pole (1" Common) 5 ea 10ft - STRUT (shallow channel)</p> <p><b>Cut as follows:</b></p> <p>▸Height (6): 6 EMT cut to 9'9" [117"]</p> <p>▸Width (4): Set aside: 2 EMT - 10ft ea (no cuts) 2 STRUT - 10ft ea (no cuts)</p> <p>▸Width Extender (4): 2 EMT cut into 2 ea 9'9" [117"] 2 STRUT cut into 2 ea 9'9" [117"]</p> <p>▸Center Support (1): 1 STRUT cut into 1 ea 4'0" [48"]</p> <p>▸Depth (4): 2 EMT cut into 4 ea 4'9" [57"]</p>

**EMT poles Strut Channels for custom sized bay:**

Review the chart below to determine the number and sizes of EMT and STRUT needed for your custom bay. The general concept is to make the poles slightly smaller than the finished height, depth or width to allow for connectors. If you have any questions please contact us at 877-847-1280 for assistance.

TYPE (COUNT)	EMT / STRUT COUNT	LENGTH
<b>Height (6)</b>	6 EMT	Bay Height minus 3"  <i>Ex: 9ft H Bay 108" minus 3" = 105" (8ft9")</i>
<b>Width (4)</b>	2 EMT 2 STRUT	10ft (no cuts)
<b>Width Extender (4)</b> Used to extend the width poles to full bay width of bay (minus 3")	<u>Width 15ft or less:</u> 1 EMT - cut into 2 ea 1 STRUT - cut into: 2 ea  <u>Width greater than 15ft:</u> 2 EMT - cut into 2 ea 2 STRUT - cut into: 2 ea	Bay Width minus 123"  <i>Ex: 15ft W Bay 180" minus 123" = 57" (4'9")</i>
<b>Center Support (1)</b> Only needed if the bay width is 16ft or greater Not needed if SkyRailPlus is included.	1 STRUT	Bay Depth minus 12"  <i>Ex: 6ft D Bay 72" minus 12" = 60" (5'0")</i>
<b>Depth (4)</b>	<u>5ft or less:</u> 2 EMT cut into 4 ea  <u>Greater than 5ft:</u> 4 EMT cut into 4 ea	Bay Depth minus 3"  <i>Ex: 6ft D Bay 72" minus 3" = 69" (5'9")</i>

**EMT and STRUT Count...**

Bays **up to 15ft wide** (5ft deep or less\*): **11 EMT and 3 STRUTS**

Bays **greater than 15ft up to 16ft wide** (5ft deep or less\*): **12 EMT and 4 STRUTS**

Bays **greater than 16ft wide** (5ft deep or less\*): **12 EMT and 5 STRUTS**

\* If **greater than 5ft deep** add **two more EMT** to above count

## ITEMS PROVIDED BY ALLSPORTSYSTEMS

### CAGE **POLE** CONNECTORS

4 ea  
3-Ways



4 ea  
90°-Elbow



2 ea  
Pipe Couplers



2 ea Adjustable  
Metal Sleeves



4 ea  
T-Connectors

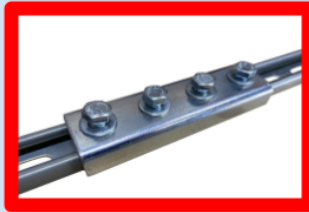


### CAGE **STRUT** CONNECTORS

4 ea  
SkyBridge™ Brackets




2 ea Strut  
Extension Brackets



(16"W & Larger ONLY)  
2 ea  
Center Support Hardware



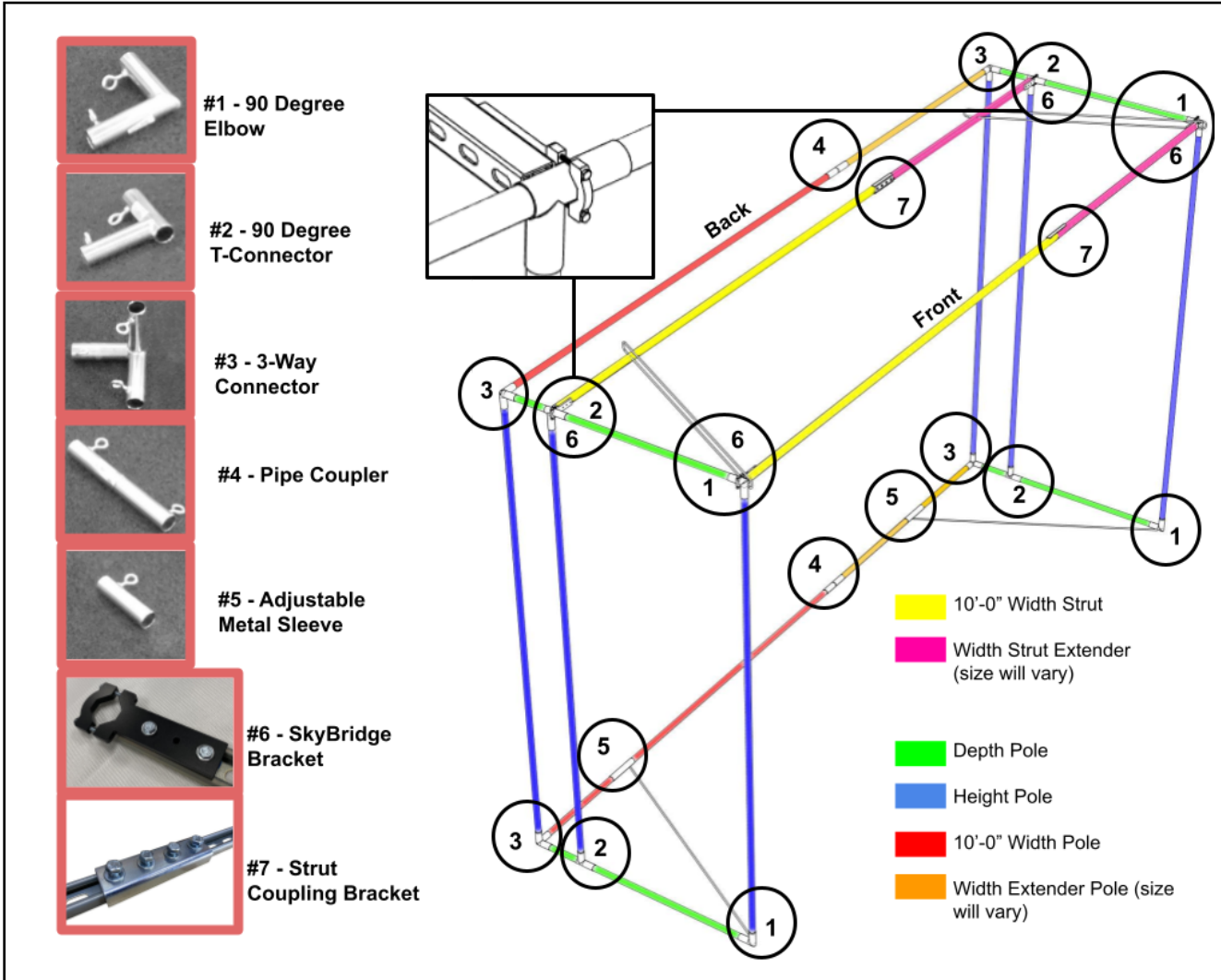
### OTHER ITEMS:

ITEM	QTY	DESCRIPTION	ITEM	QTY	DESCRIPTION
		Cable zip ties		Multiple pieces	BlackOut™ Wrapper Kit
	4 ea	Netting Sections	 	3 ea	Stainless Steel Cables & Turnbuckles: 1 ea for ShotDefender™ 2 ea for Netting Support
	1 ea	Impact Screen			
	4 ea	Red Bungies		2 ea	Long Black Bungies

# BUILDING THE FRAME

## Frame Diagram

Refer to this diagram often to identify connectors and poles needed for the step by step instructions on the following pages.

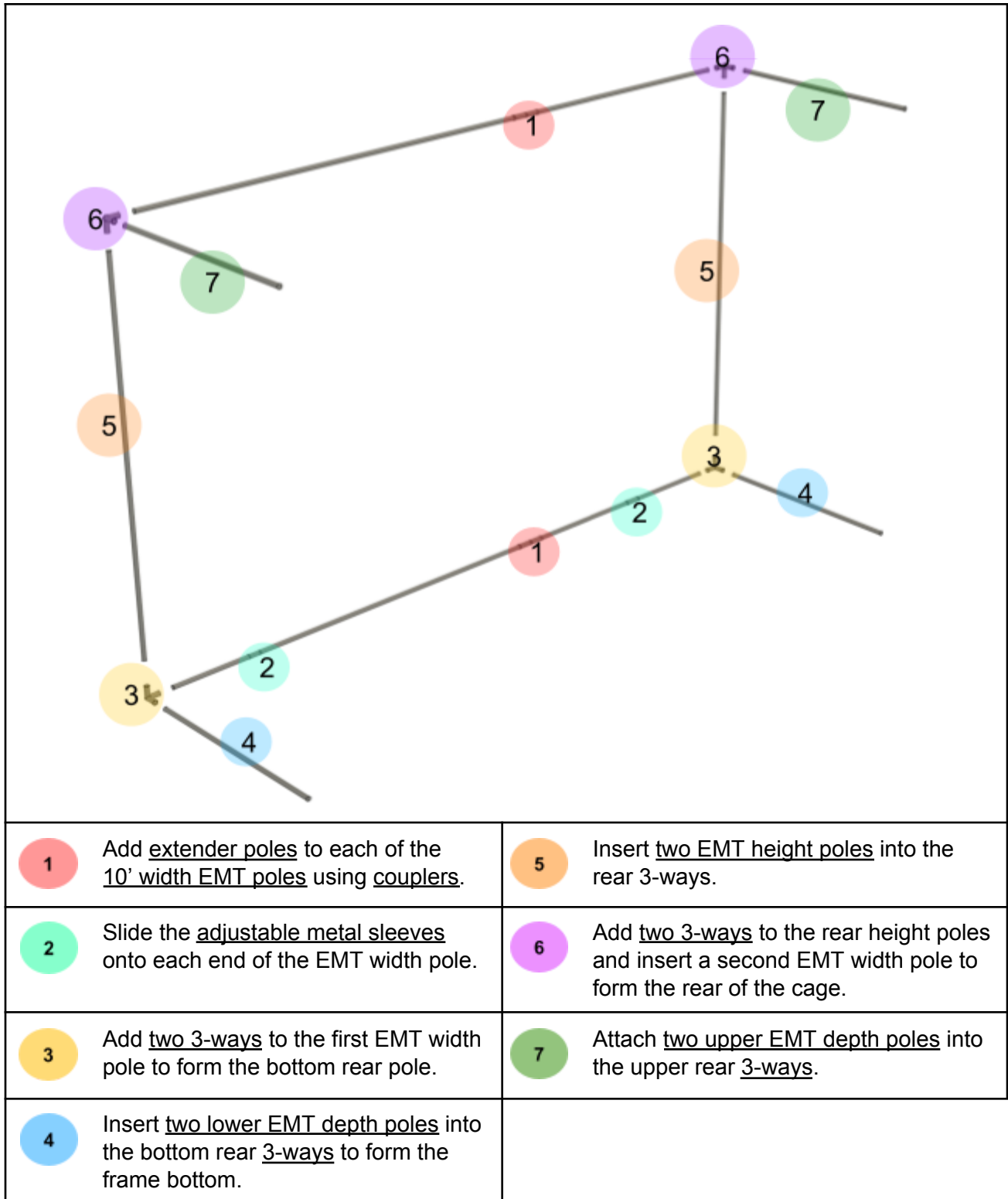


**Note:** Corner brackets add approximately 3" to the size of your enclosure. Therefore, once poles and brackets are assembled an additional 3" will be added to the finished width, height and depth of your enclosure. Therefore, all poles are cut 3" shorter than the finished height, width, or depth of the enclosure. *If you have ordered a **custom** sized enclosure make note of this factor when cutting your poles.*

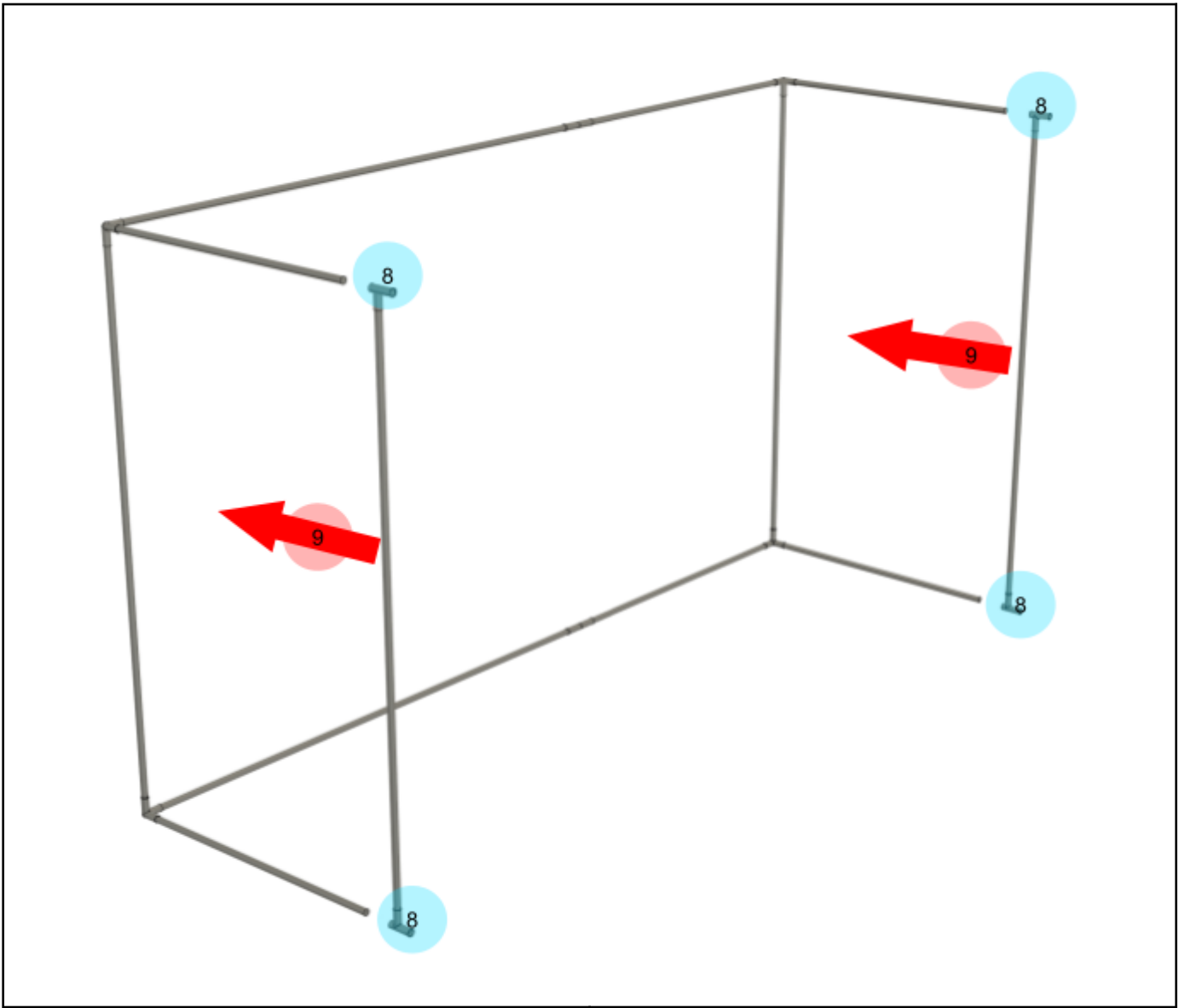


## Back, Bottom and Depth Poles

If the hitting bay is closer than 6" to ceiling see [APPENDIX B](#) - BUILDING THE FRAME (For Low Ceilings). Two persons recommended along with use of a stepladder. Position connector eye bolts inward.



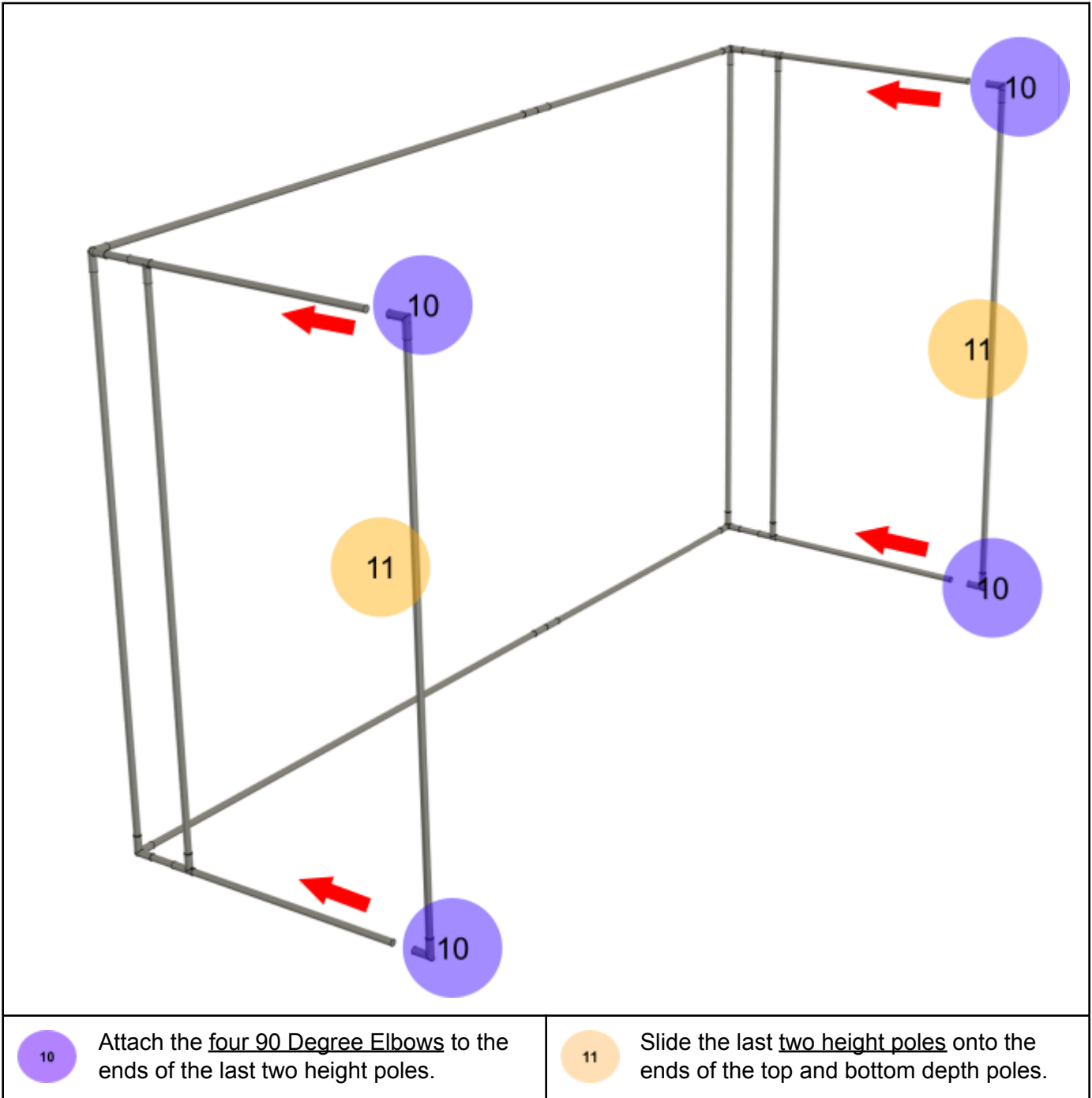
## Add Height poles with T-connectors



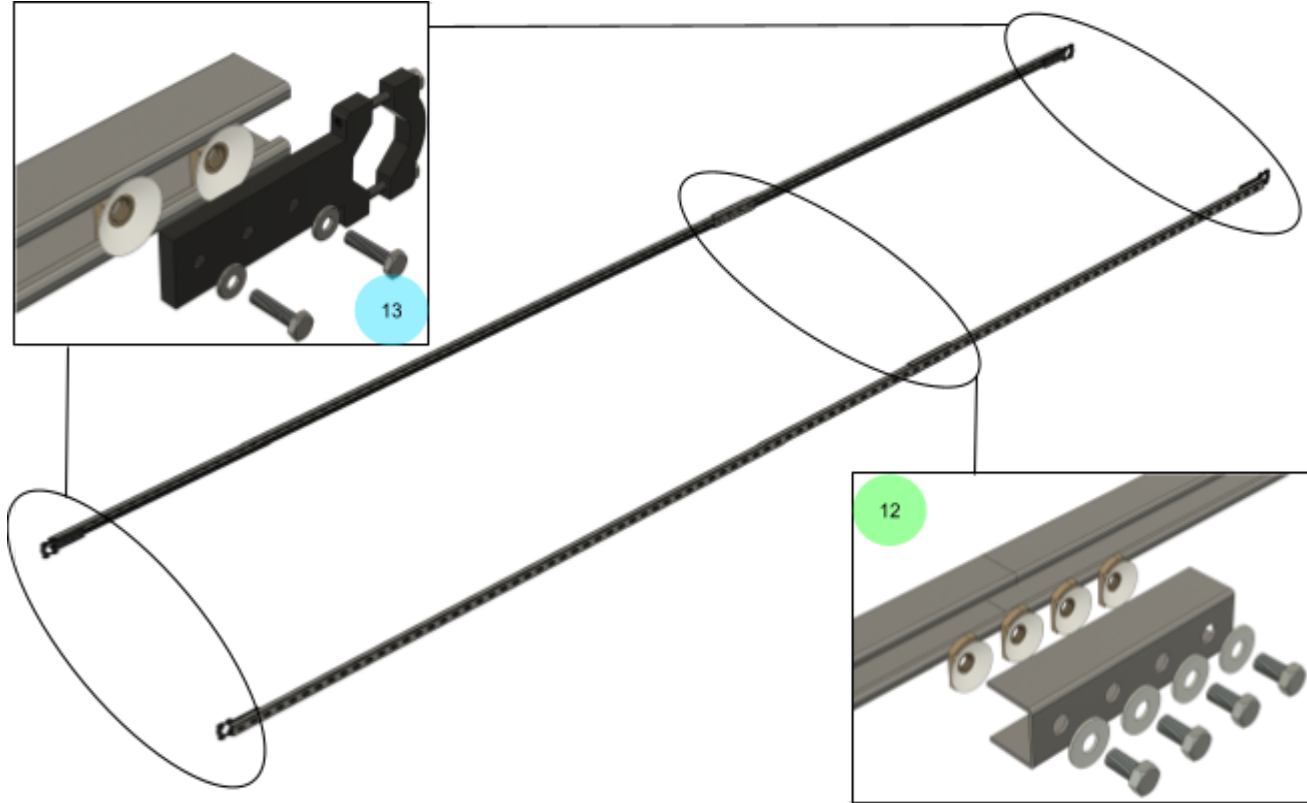
**8** Attach the four T-Connectors to the ends of two height poles.

**9** Slide the two height poles onto the top and bottom depth poles through the T-Connector. Secure these height poles 12 inches from the back of the frame.

## Add Front Height poles with 90o-Elbows



## Add extender struts and SkyBridge brackets



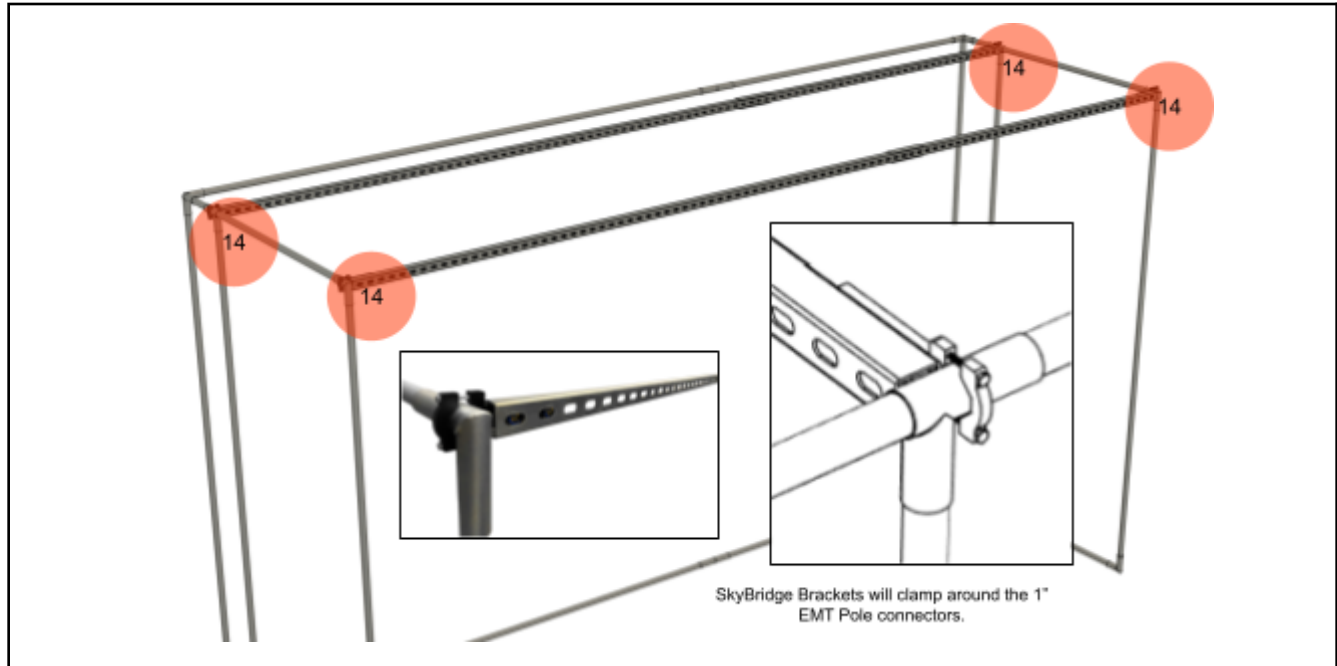
The diagram illustrates the installation of extender struts and SkyBridge brackets. It features a central view of two long, parallel struts. Two callout boxes provide detailed views of the components and their assembly:

- Callout 12 (Green circle):** Shows a close-up of a grey width strut with three rollers. A black extender strut is being inserted into the channel of the width strut. The assembly is secured with a grey metal plate, two grey washers, and two grey bolts.
- Callout 13 (Blue circle):** Shows a close-up of a black SkyBridge bracket being attached to the end of a grey width strut. The bracket is secured with a grey metal plate, two grey washers, and two grey bolts.

**12** Add extender struts to each of the 10' width struts using strut couplers.

**13** Attach SkyBridge Brackets to each end of width struts.

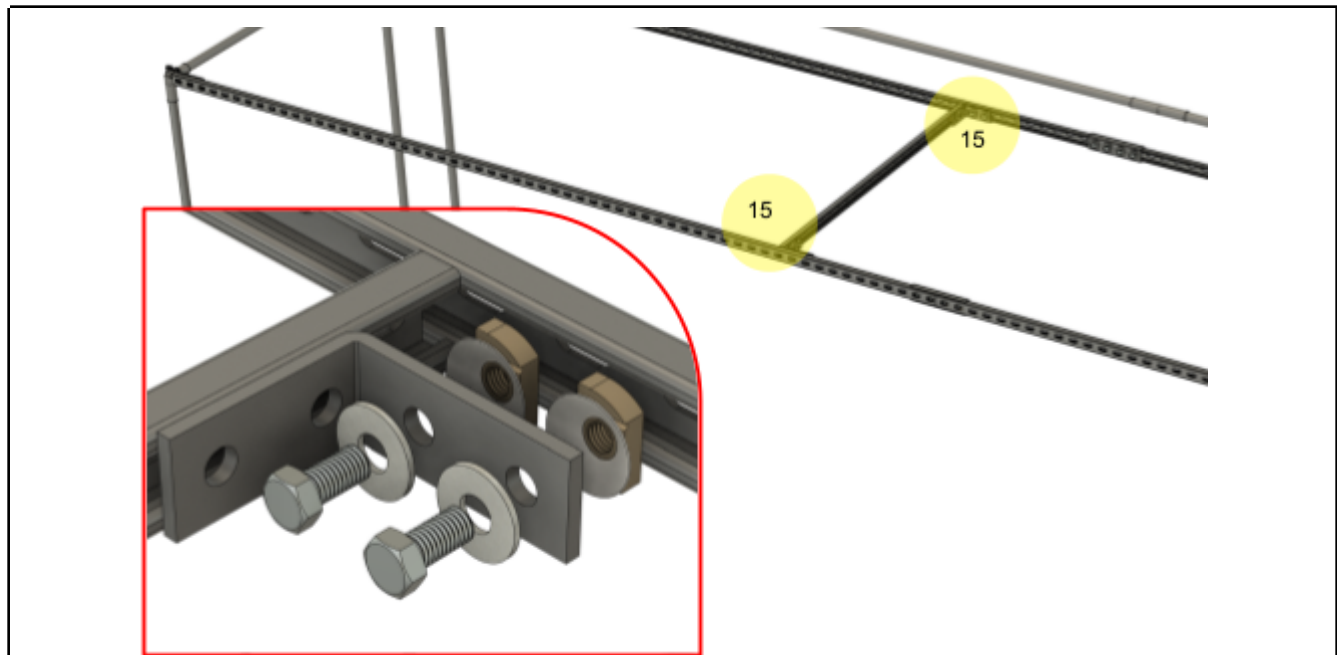
## Install 2 Width Struts



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Attach width Struts to enclosure by clamping them around the 1" EMT Pole connectors. Attach with open strut channels facing each other

## Add Center Support (if applicable)

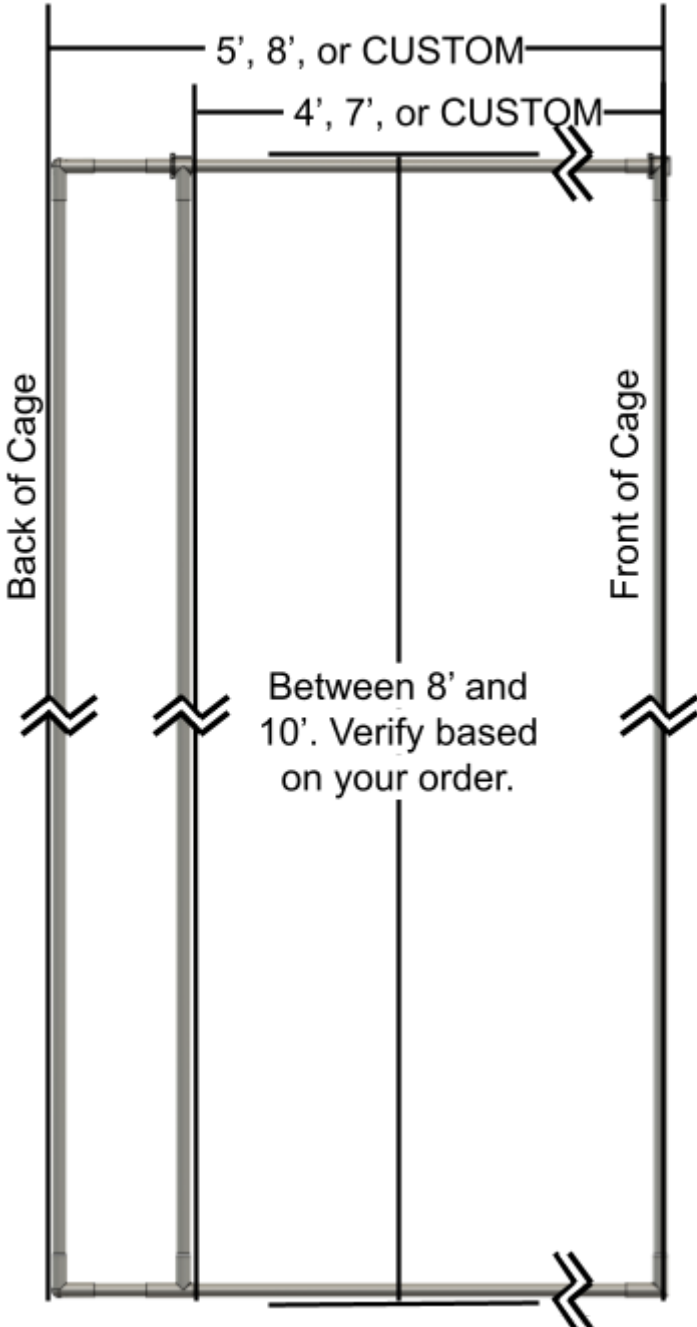


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**For Systems 16'W and Larger:** Attach the center support strut in between the front strut and screen strut. Place support "on center" so that it will line up with notched ShotDefender. The center support is not needed when using SkyRailPlus.

## Verify All Measurements

### View from Left Side



Using a tape measure, verify and adjust the height, width, and depth of your enclosure to match your ordered dimensions.

1" EMT Poles and Strut are cut to allow for small adjustments within their connectors.

Front of Cage to Front of Screen:

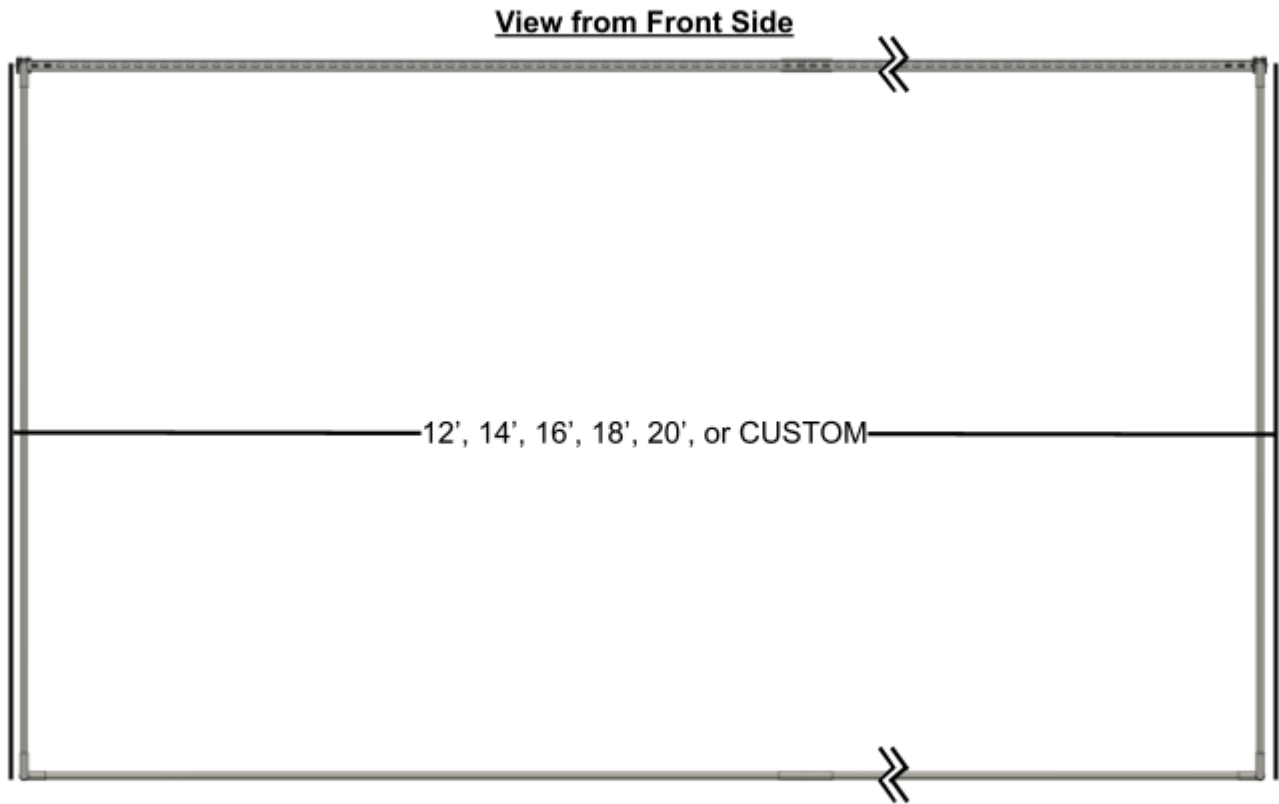
- **4' (48") - Adjust and verify at top and bottom**

Back of Cage to Front of Cage:

- **5' Deep (60")**  
or
- **8' Deep (96")**  
or
- **CUSTOM** - Verify based on your custom order

Cage Height:

- Verify based on your order

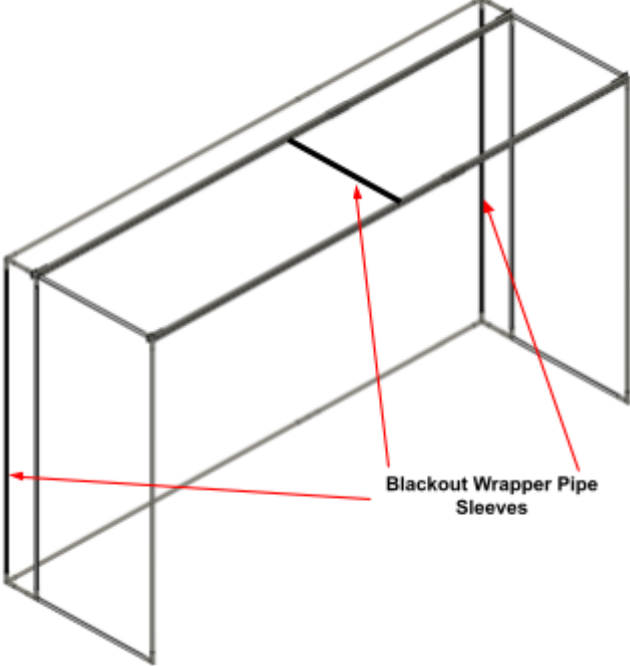


Using a tape measure, verify and adjust the height, width, and depth of your enclosure to match your ordered dimensions.

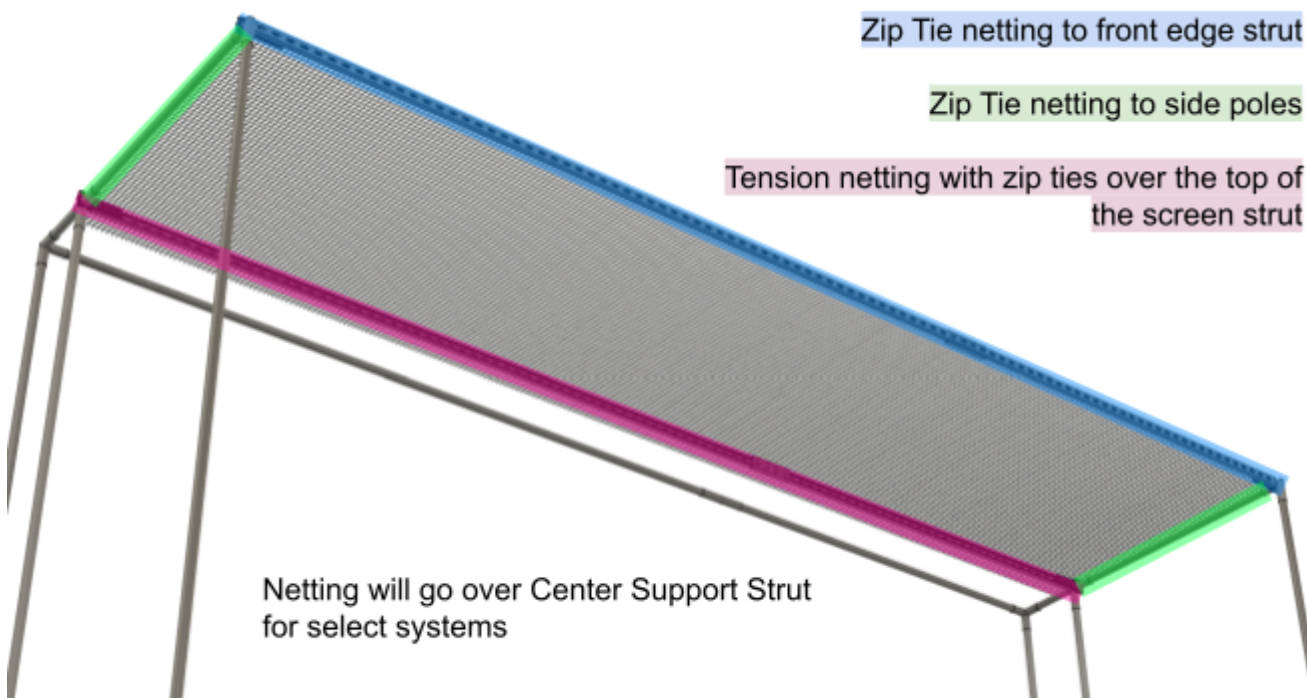
1" EMT Poles and Strut are cut to allow for small adjustments within their connectors.

## TOP NETTING AND PIPE SLEEVES

### Install Pipe Sleeves

 <p>Blackout Wrapper Pipe Sleeves</p>	<p>Install pipe sleeves on the two back height poles.</p> <p>Pipe sleeves wrap around the pole and then velcro onto themselves.</p> <p>Install strut sleeve on center support (for systems 16' Wide and larger)</p>
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### Install Top Netting



Zip Tie netting to front edge strut

Zip Tie netting to side poles

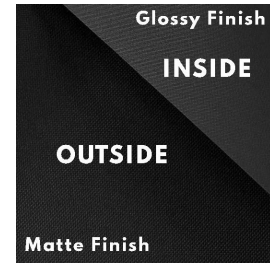
Tension netting with zip ties over the top of the screen strut

Netting will go over Center Support Strut for select systems



## r BLACKOUT

Panels have a front and back side. Matte finish faces the outside.



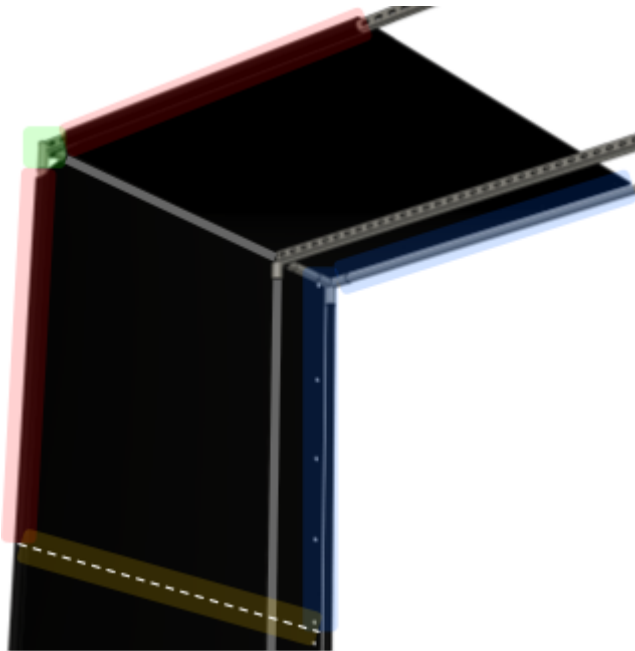
### Add BlackOut Side Panels

Attach your BlackOut Side Panels using the velcro and zip tie attachments.

<p>A 3D perspective diagram of a cage with a black side panel being attached to the left side. The panel is labeled 'Front of cage' on the left and 'Back of cage' on the right. A red vertical bar highlights the front edge of the panel, and a green triangle highlights the bottom corner. The cage frame is shown in blue and grey.</p>	<p>Starting with the side panels</p> <p>Wrap BlackOut Velcro around front pipe</p> <p>Cutout Triangle Corner should go around front 1" EMT Connector</p> <p>Zip Tie BlackOut to cage via the grommets on the back and bottom</p>
<p>A 3D perspective diagram of the same cage, now with a second black side panel attached to the right side. The panel is labeled 'Back of cage' on the left and 'Front of cage' on the right. A red vertical bar highlights the front edge of the panel, and a green triangle highlights the bottom corner. The cage frame is shown in blue and grey.</p>	<p>Repeat this process for opposite side</p> <p>Wrap BlackOut Velcro around front pipe</p> <p>Cutout Triangle Corner should go around front 1" EMT Connector</p> <p>Zip Tie BlackOut to cage via the grommets on the back and bottom</p>

## Add BlackOut Side Corner panels

Attach your BlackOut Side Corner panels using the velcro and zip tie attachments.

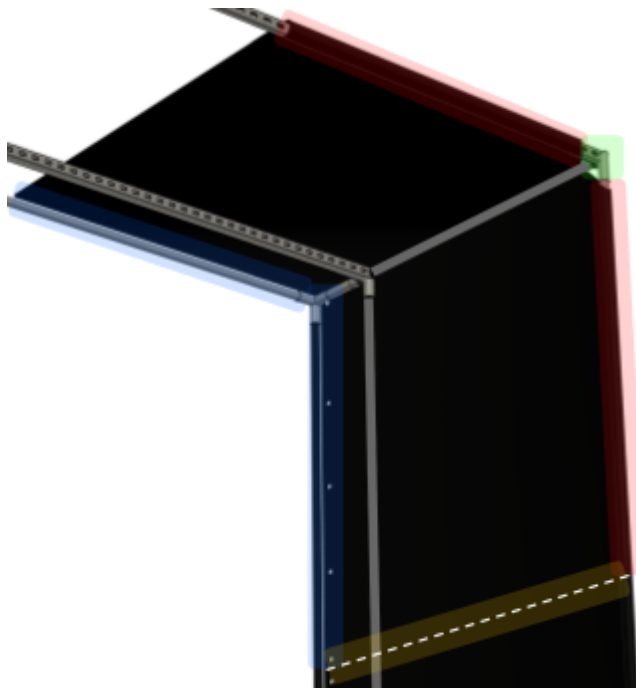


Wrap BlackOut Velcro around front pipe/strut

Cutout Triangle Corner should go around front 1" EMT Connector/SkyBridge Bracket

Zip Tie BlackOut to cage via the grommets to the rear and top poles

Corner Panels will overlap Side Panels



Repeat this process for opposite side

Wrap BlackOut Velcro around front pipe

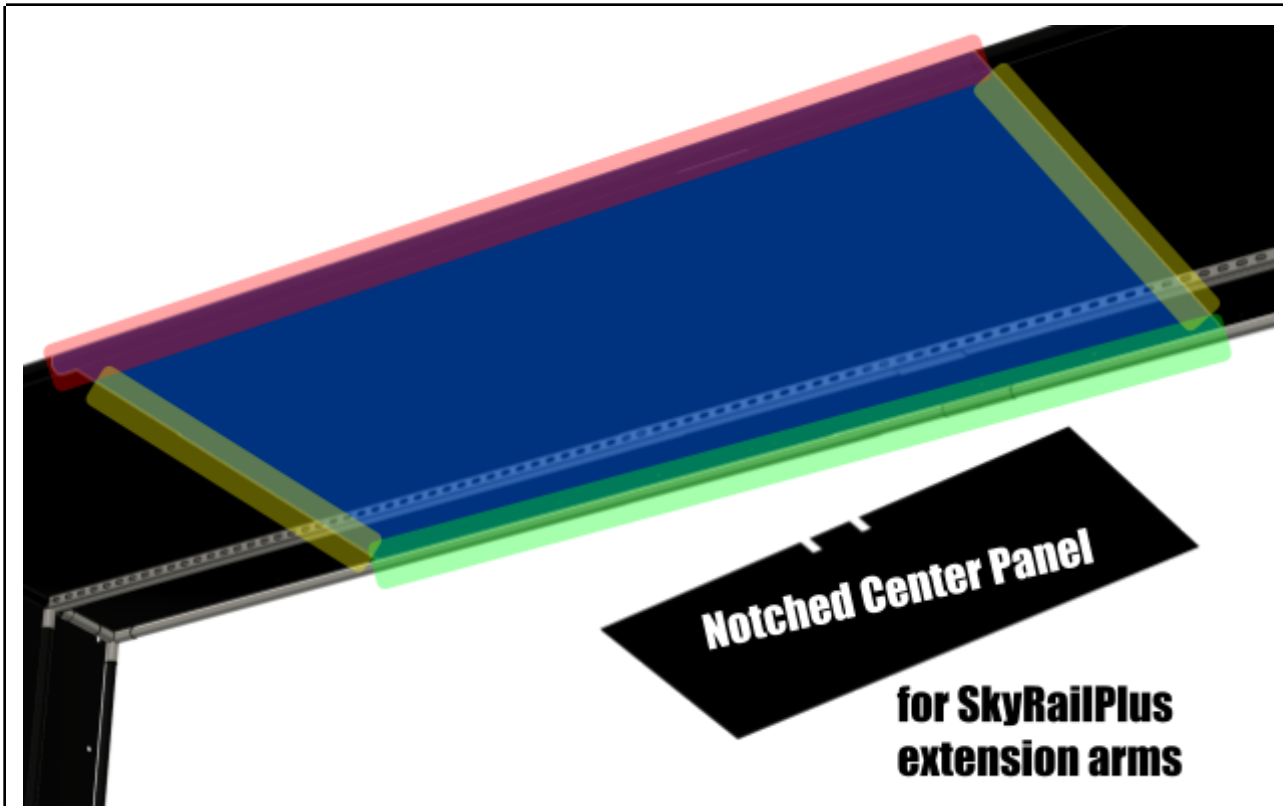
Cutout Triangle Corner should go around front 1" EMT Connector

Zip Tie BlackOut to cage via the grommets to the rear and top poles

Corner Panels will overlap Side Panels

## Adding BlackOut Center Panel

Place Center Panel on top of system



Place Center Panel on top of system

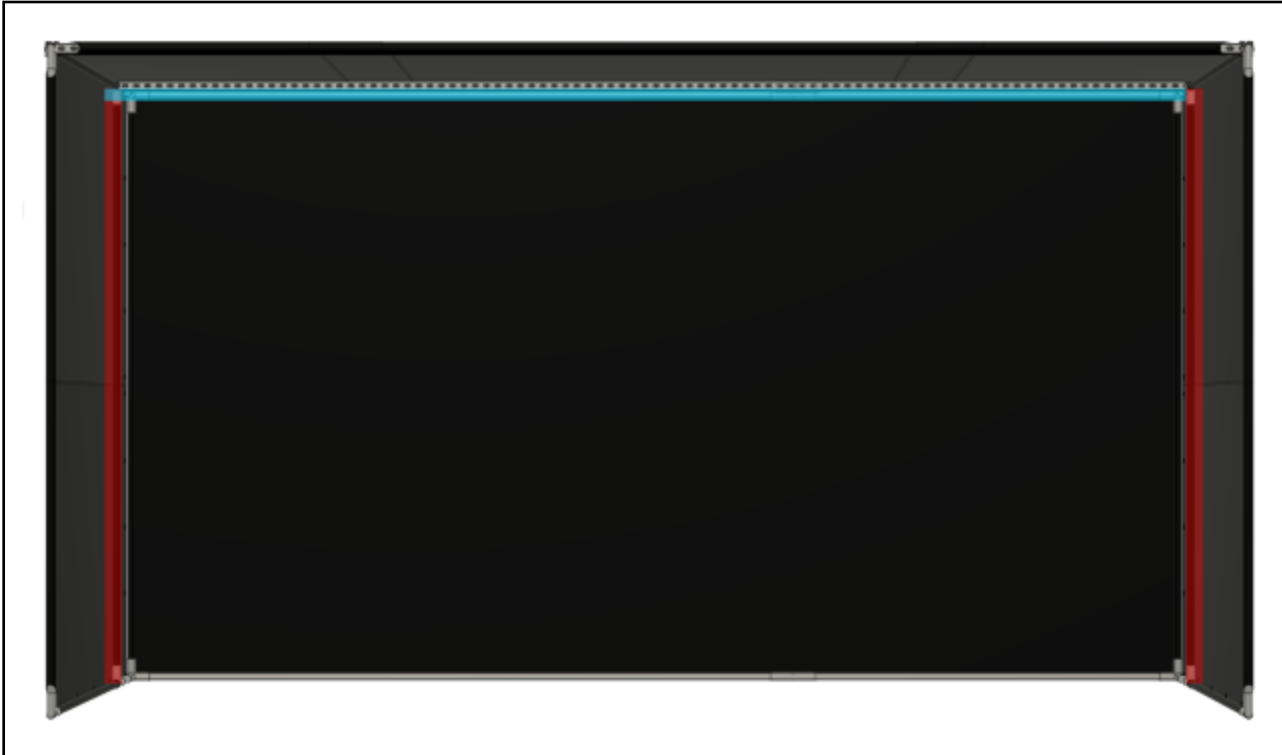
Wrap BlackOut Velcro around front pipe, SkyRailPlus customers will have a notched panel

Zip Tie BlackOut to cage via the grommets on the back

Center Panel will overlap Corner Panels without attaching to them

## OPTIONAL UPGRADE: Add BlackOut Back Panel

Attach BlackOut Back Panel using velcro and zip tie attachments.



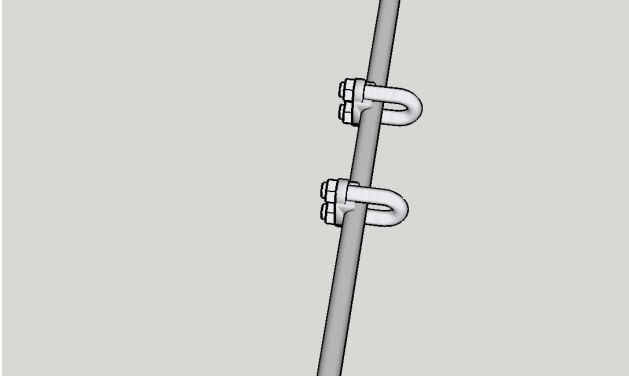
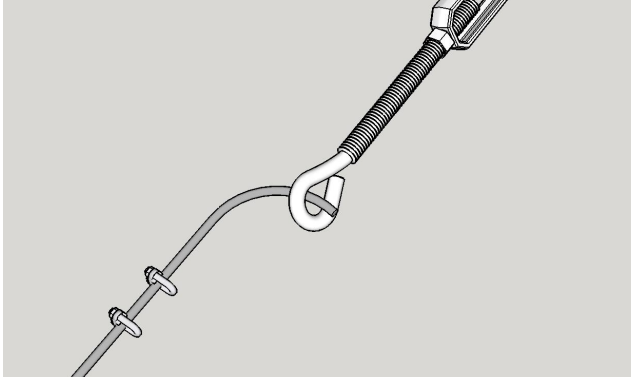
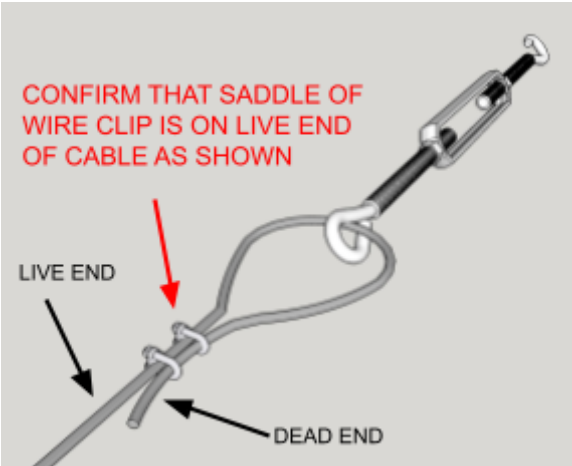
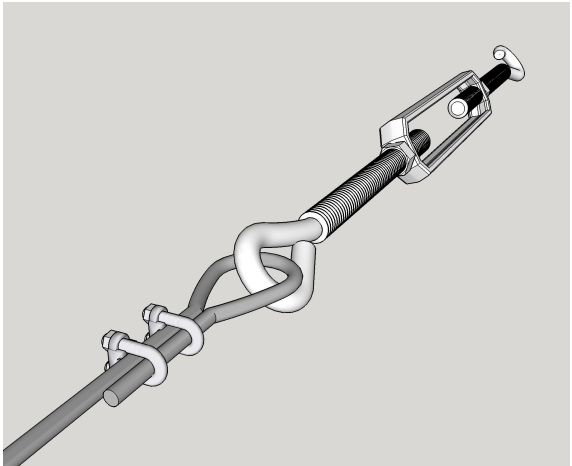
Hang the Back Panel from the rear width pole using zip ties through the grommets.

The Back Panel will wrap around back corner poles and secure to the side panels via velcro strips.

## CABLES FOR SIDE SHADE AND SIDE NETTING

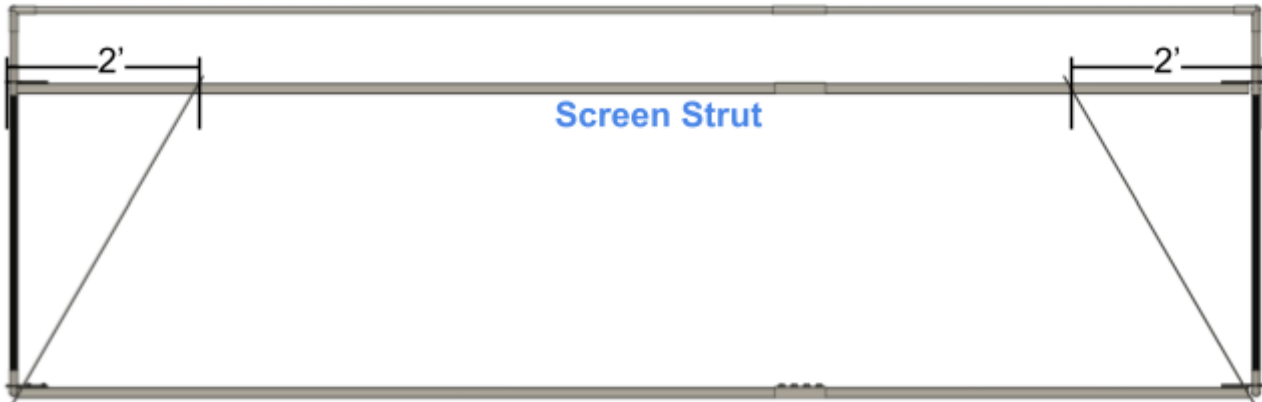
### Prepare 2 ea cables as follows:

Follow the steps below to attach one end of the cable to eye of turnbuckle:

	
<p><b>(1)</b> Place two wire clips on the cable.</p>	<p><b>(2)</b> Thread cable end through the eye fitting of Turnbuckle</p>
	
<p><b>(3)</b> Thread end of the cable back through wire clips.</p>	<p><b>(4)</b> Close loop and tighten wire clips with a wrench so that the cable does not slip. Leave about 1" of cable beyond the last wire clip.</p>

## Install cables on cage

Top View of cage with netting cables in place (shown without netting or BlackOut)

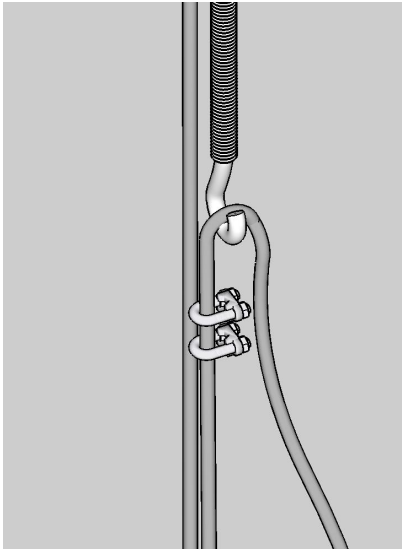
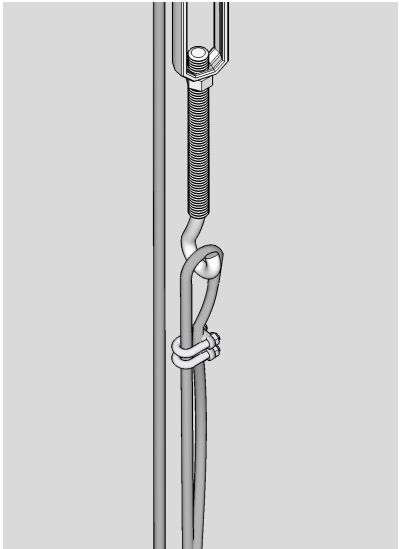
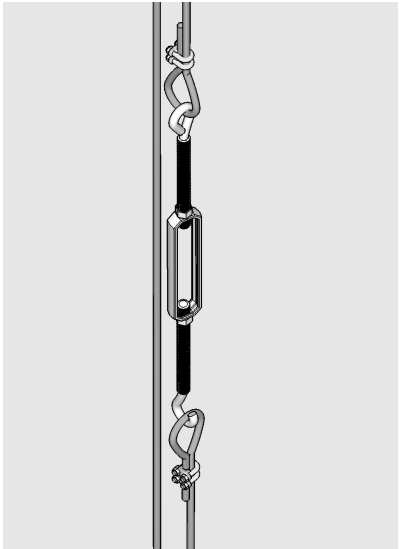


Follow instructions below to install cables as shown on each side of your cage.

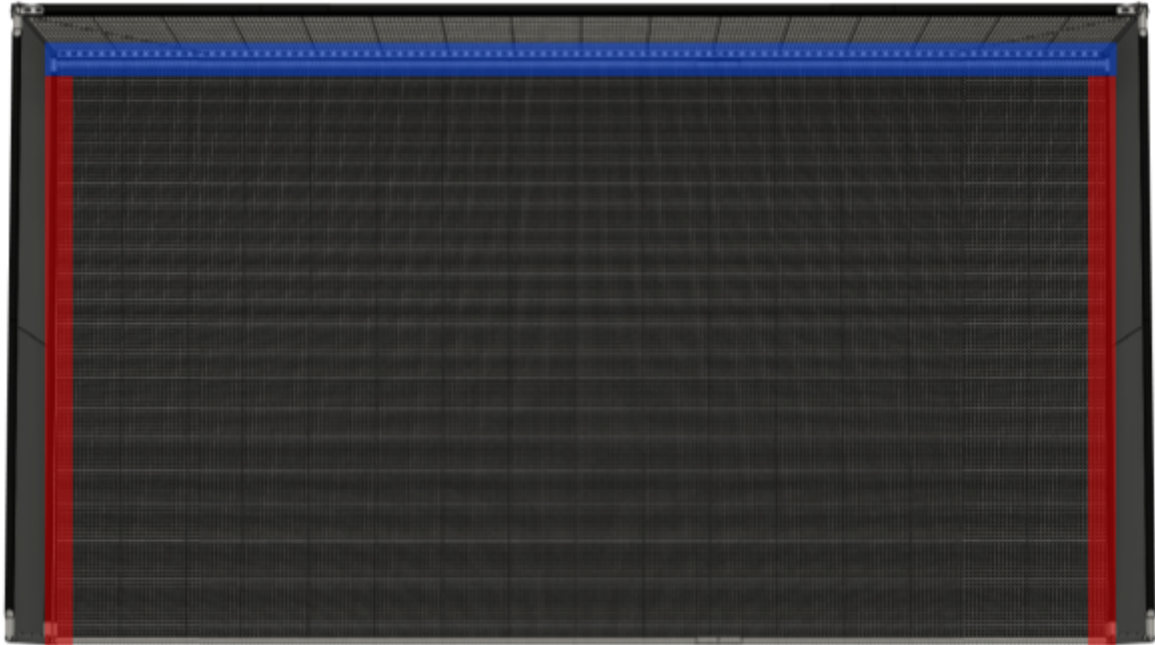
<p><b>1</b></p> <p><b>TOP VIEW</b></p> <p>Mark line on strut at 2' on both ends</p> <p>2'</p>	<p><b>2</b> Loop your netting cable through the strut hole closest to your mark.</p>
<p><b>3</b></p> <p>Loop the other end of your netting cable around the front corner of your system</p>	<p><b>4</b> Follow the steps on the next page to complete cable assemble and tension cable.</p>

## Complete cable assembly

Complete cable assembly by 1) determining proper length 2) forming the eye and 3) trimming off extra cable. Follow the steps below ...

1) Thread two wire clips onto the cable and form a loop in the cable around the hook end of the turnbuckle.	2) Thread the dead end of the cable back through the wire clips. Tighten wire clips with a wrench.	3) TRIM extra cable and tighten turnbuckle to provide tension on the cable.
		

## BAFFLE NET



Using zip ties hang your **Baffle Net** from the screen strut.

Tension Sides of baffle net with zip ties.

Depending on the height of your cage there may be extra netting on the floor.



## GOLF IMPACT SCREEN

### Before hanging screen

**Creases:** Screen may have creases from being folded during shipment. These creases will lighten over time. If you wish, you may steam or iron the screen prior to hanging.

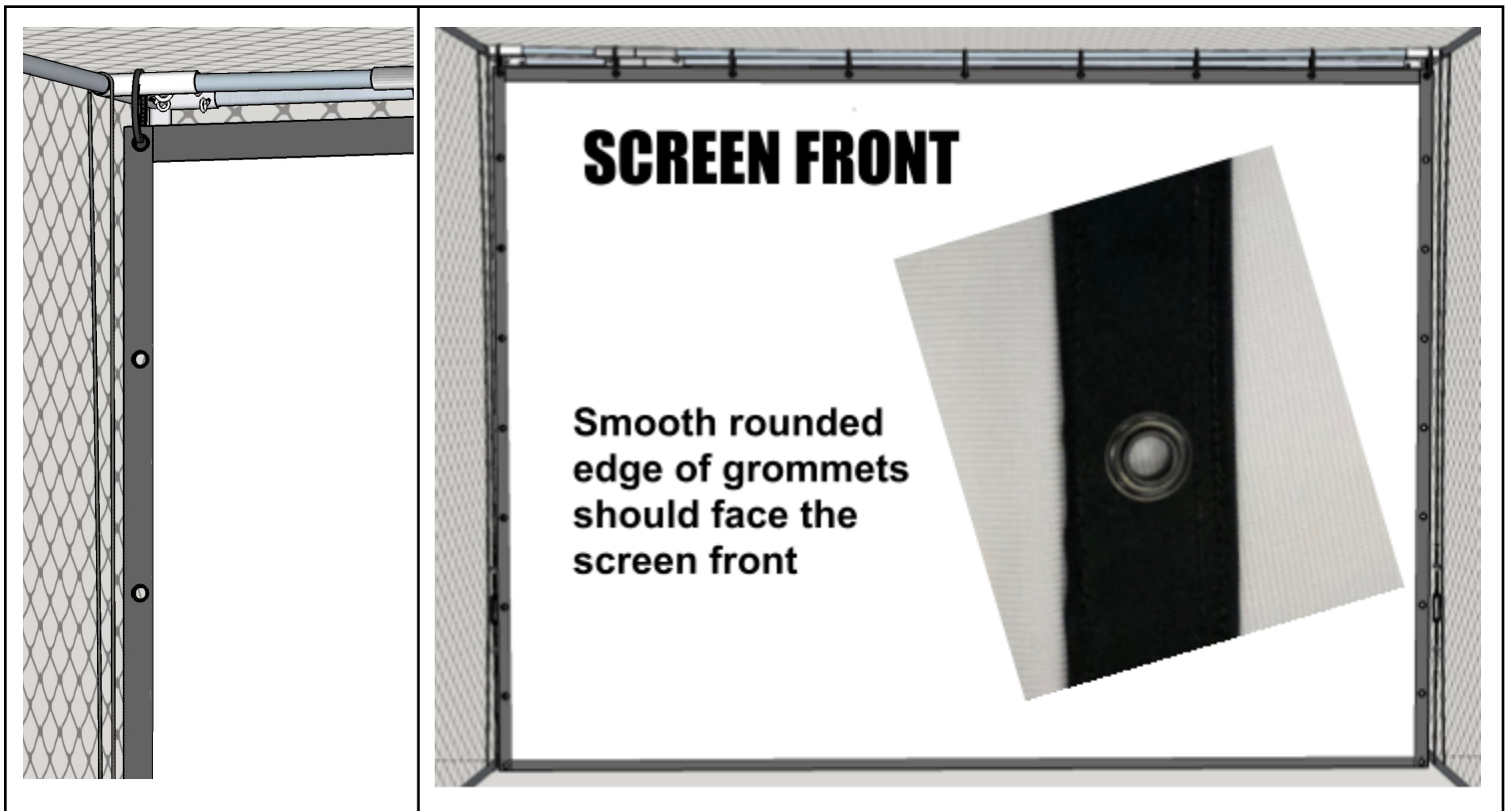
**Cleaning:** Over time your screen may become stained or marked from ball impacts. Your screen can be placed in the washing machine, use **MILD** detergent on a gentle cycle.

**DO NOT USE BLEACH OR PLACE SCREEN IN DRYER**

### IDENTIFY THE FRONT SIDE of your screen:

The AllSportSystems logo will be sewn into the bottom left face of your screen. The smooth face of the grommets will always be on the front side of your screen.

**DO NOT INSTALL THE SCREEN BACKWARDS!**  
**IT WILL SIGNIFICANTLY REDUCE THE LIFE OF THE SCREEN!**



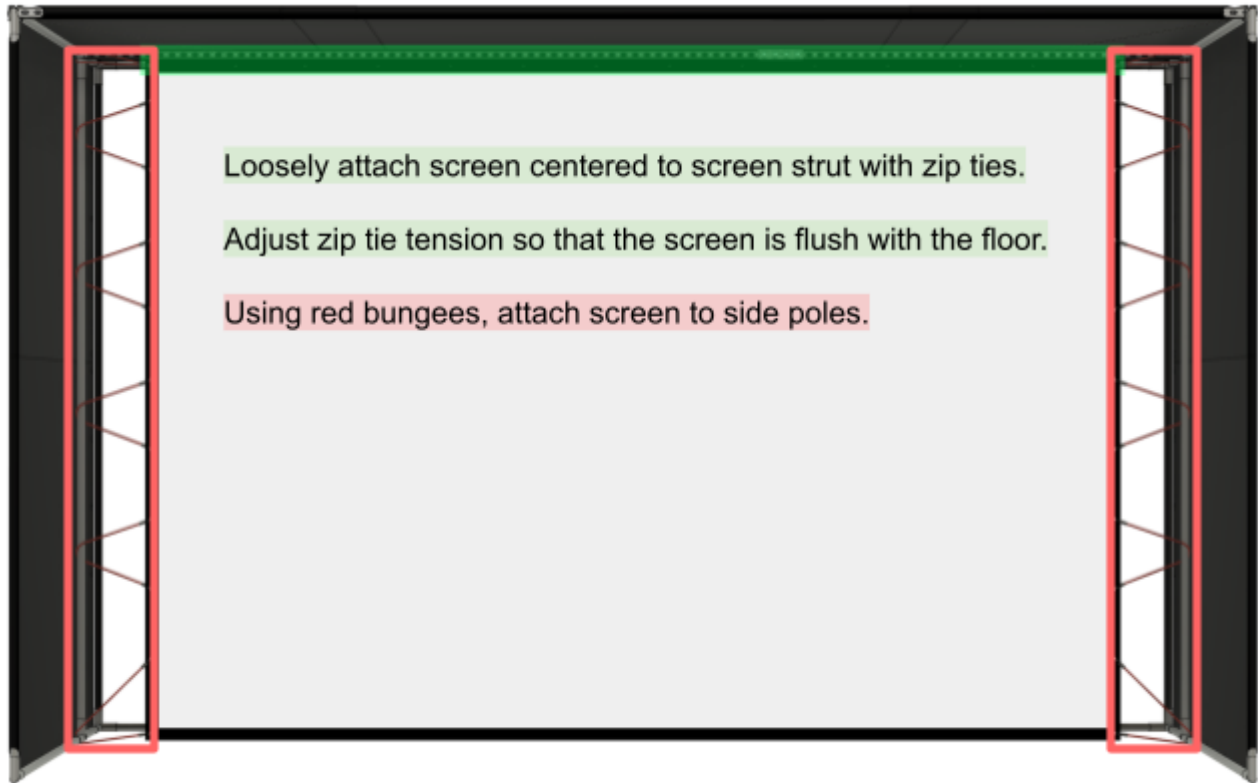
## Hang Screen

The Screen Pole should be approximately 48 inches from the front of the enclosure.

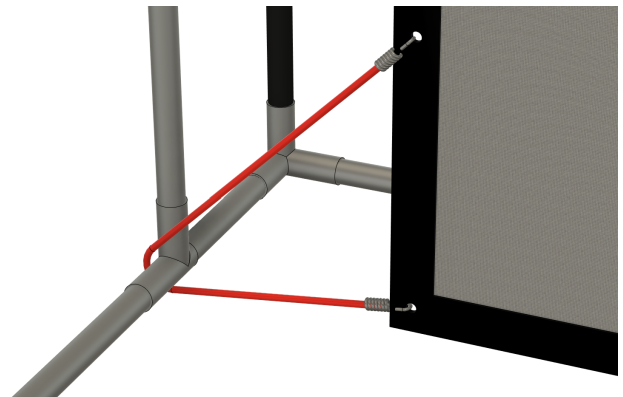
**Screen Front:** Be sure to hang the screen with the AllSportSystems logo or smooth side of grommets facing toward the front of the enclosure.

**IMPORTANT:** To avoid screen sag and wrinkles, allow the screen to hang below the screen pole, even with the floor.

(Some imagery shown without BlackOut wrapping or hardware for clarity)



Attach a red bungee to the top corner grommet and loop around the upper depth pole.



Attach a red bungee to the bottom two grommets and loop around the bottom depth pole.

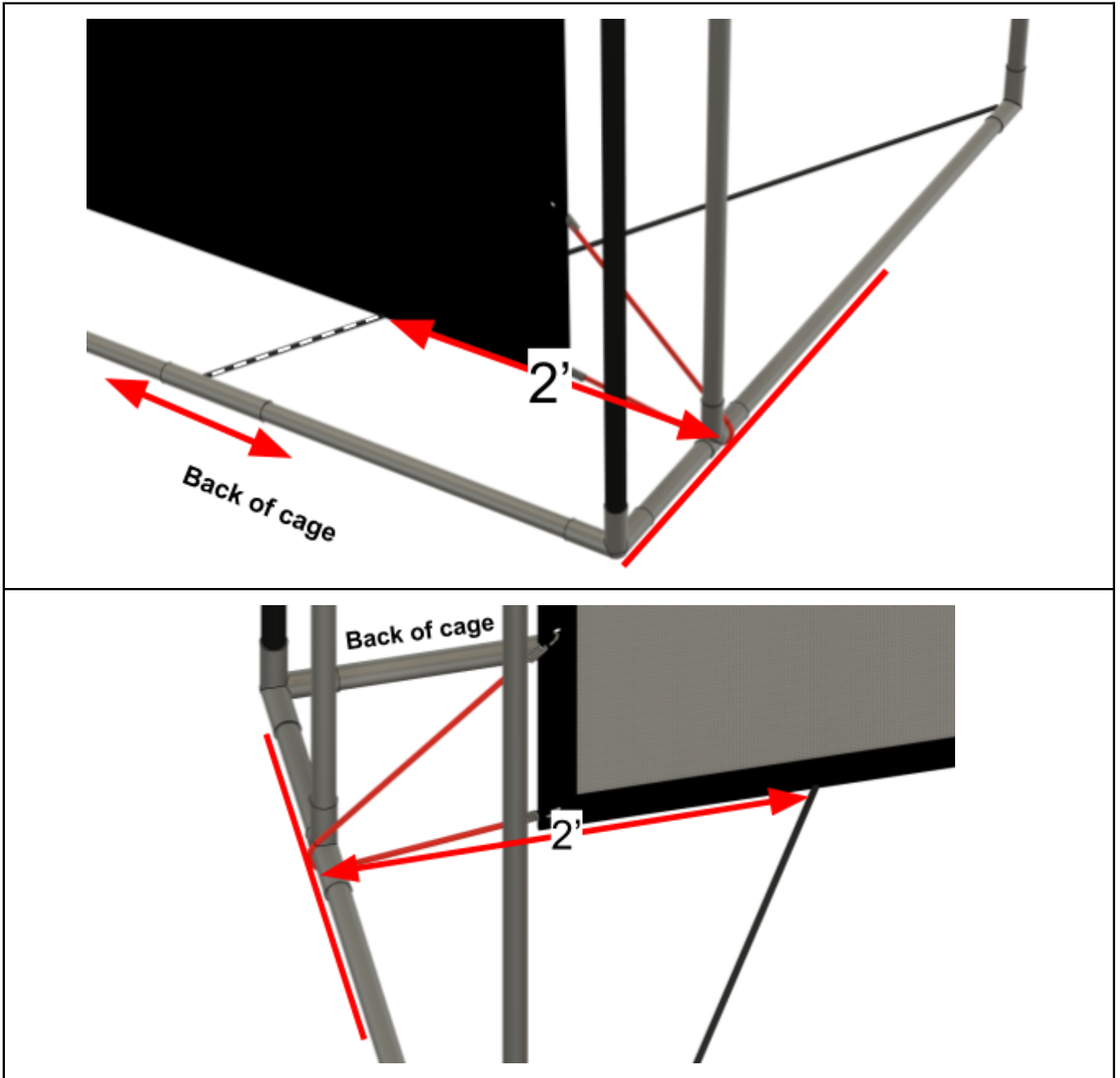
## Attach Black Bungee

Hooks the black bungee to the front bottom corner of the enclosure, and then to the adjustable metal sleeve.

Black Bungee runs underneath screen.

Move the adjustable metal sleeve so that the black bungee crosses under the screen 2' into the enclosure.

(Some imagery shown without BlackOut wrapping or hardware for clarity)

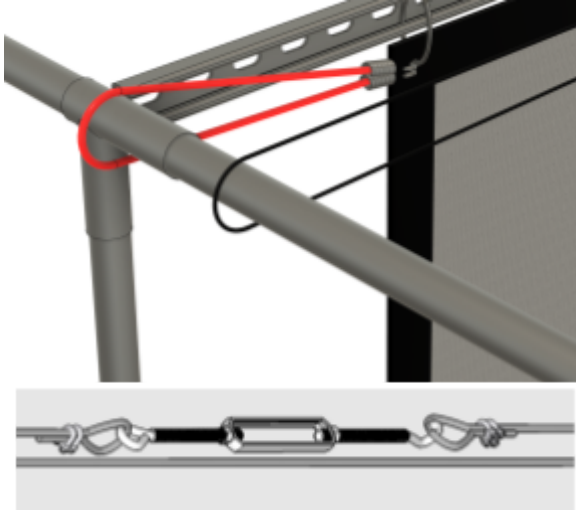
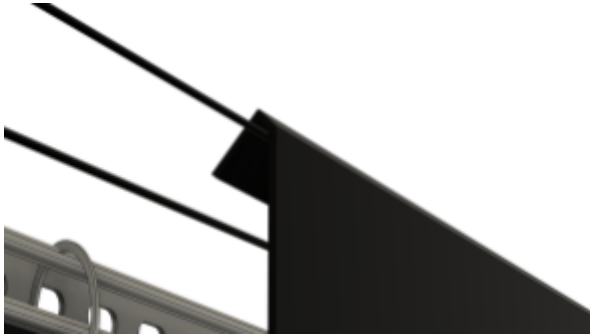
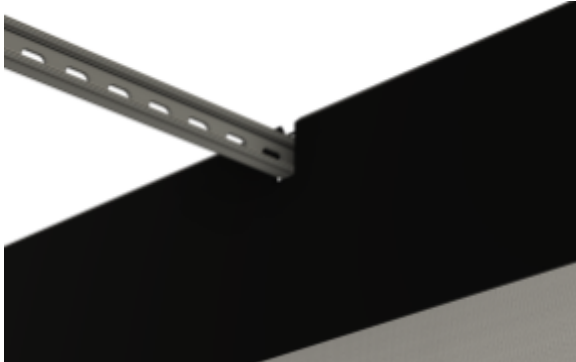


## SHOTDEFENDER™

The ShotDefender™ hangs on a tension cable about 6 inches in front of the screen. Any shots hit toward the screen pole will be caught by the ShotDefender™, eliminating the risk of a ricochet.

### Cable Assembly

The cable first needs to be assembled. See [APPENDIX A](#) - SideRite™ and ShotDefender™ Cable Assembly. After cable assembly follow the steps below to install the cable on the enclosure.

<p><b>Cable Installation</b></p> <p>(1) Wrap the ShotDefender™ cable around the upper depth poles, about 6" in front of the screen. Run both sides of cabling above your center support strut. (center strut only included with 16ft wide systems or larger)</p> <p>(2) Loosen the turnbuckle bolts as far as possible. Attach the hook end of the turnbuckle to the open end of the cable.</p> <p>(3) Tighten the cable by twisting the turnbuckle, creating tension on the cable.</p>	
<p><b>Install Valance</b></p> <p>(4) Attach ShotDefender to cabling. Wrap top edge around cable and use the velcro to close the ShotDefender around the cabling.</p>	
<p>Note: A 16ft wide (or wider) system has a notch in the valance for the center support strut. Customers with a SkyRailPLUS will have two notches.</p>	

## ANGLED SIDE SHADES

You will receive two (2) Angled Side Shades. These will create the viewport for your screen and chosen StudioBay aspect ratio.

Side Shades are installed from the floor up.

### Step 1: Attach LEADING EDGE to Velcro

Starting from the floor, attach the Angled Side Shade to the velcro edge on the side and corner panels.

### Step 2: Attach BOTTOM to Black Bungee

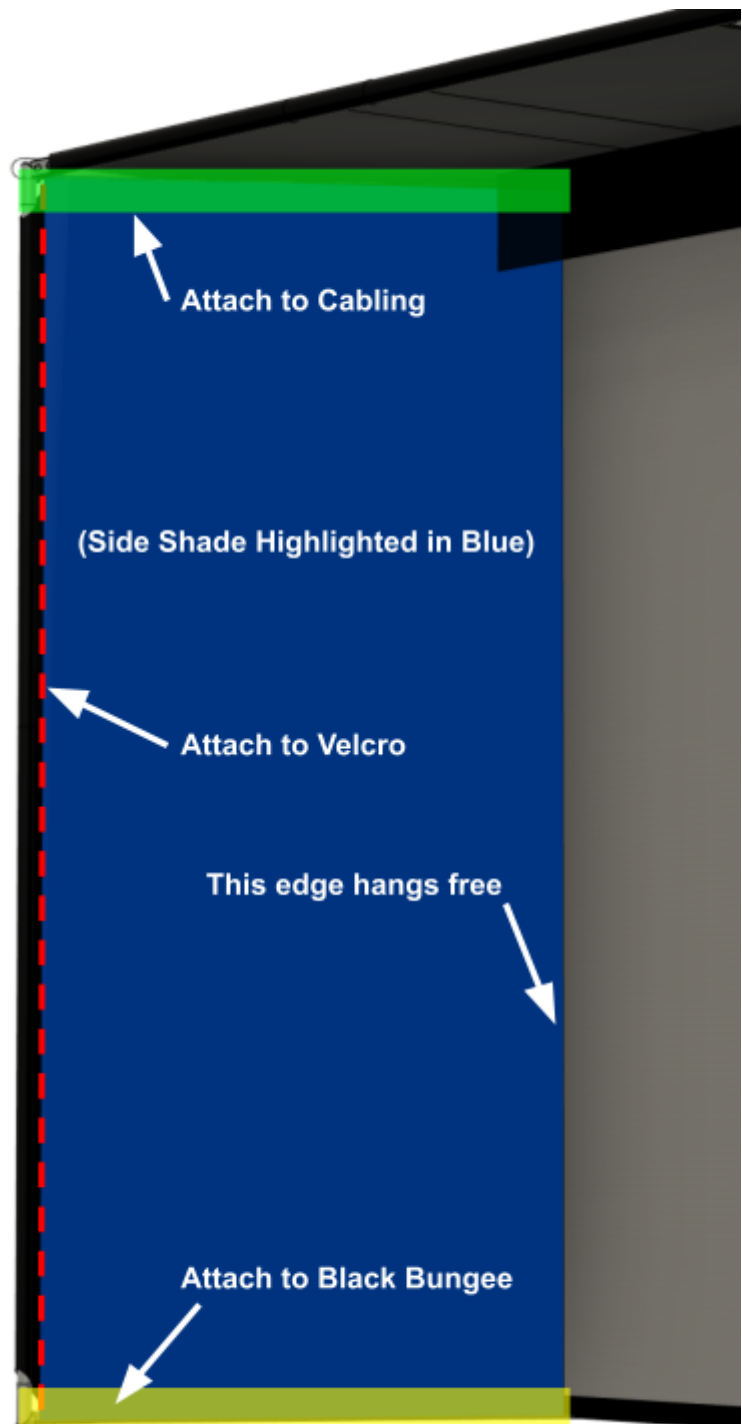
Using zip ties, attach the bottom of the side shade to the bottom black bungee that runs under the screen.

### Step 3: Attach TOP to Cabling

Using Zip ties, attach top of side shade to the top angled wall cabling. DO NOT OVER TIGHTEN. Evenly tension the side shade with zip ties so that it hangs flat.

**The screen side edge of your side shade will not attach to anything. This edge hangs freely to allow the fabric to flex.**

REPEAT STEPS FOR THE OTHER SIDE SHADE



## SIDE NETTING

You will receive two (2) sections of Side Netting. These will hang directly in front of your previously installed side shades.

Side Netting is installed from the floor up.

### Step 1: Attach LEADING EDGE to Velcro

Starting from the floor, attach the Side Netting to the velcro edge on the previously installed Side Shades.

### Step 2: Attach BOTTOM to Black Bungee

Using zip ties, attach bottom of Side Netting to the bottom black bungee that runs under the screen.

### Step 3: Attach TOP to Cabling

Using Zip ties, attach top of Side Netting to the top angled wall cabling. DO NOT OVER TIGHTEN. Evenly tension the Side Netting with zip ties so that it hangs flat.

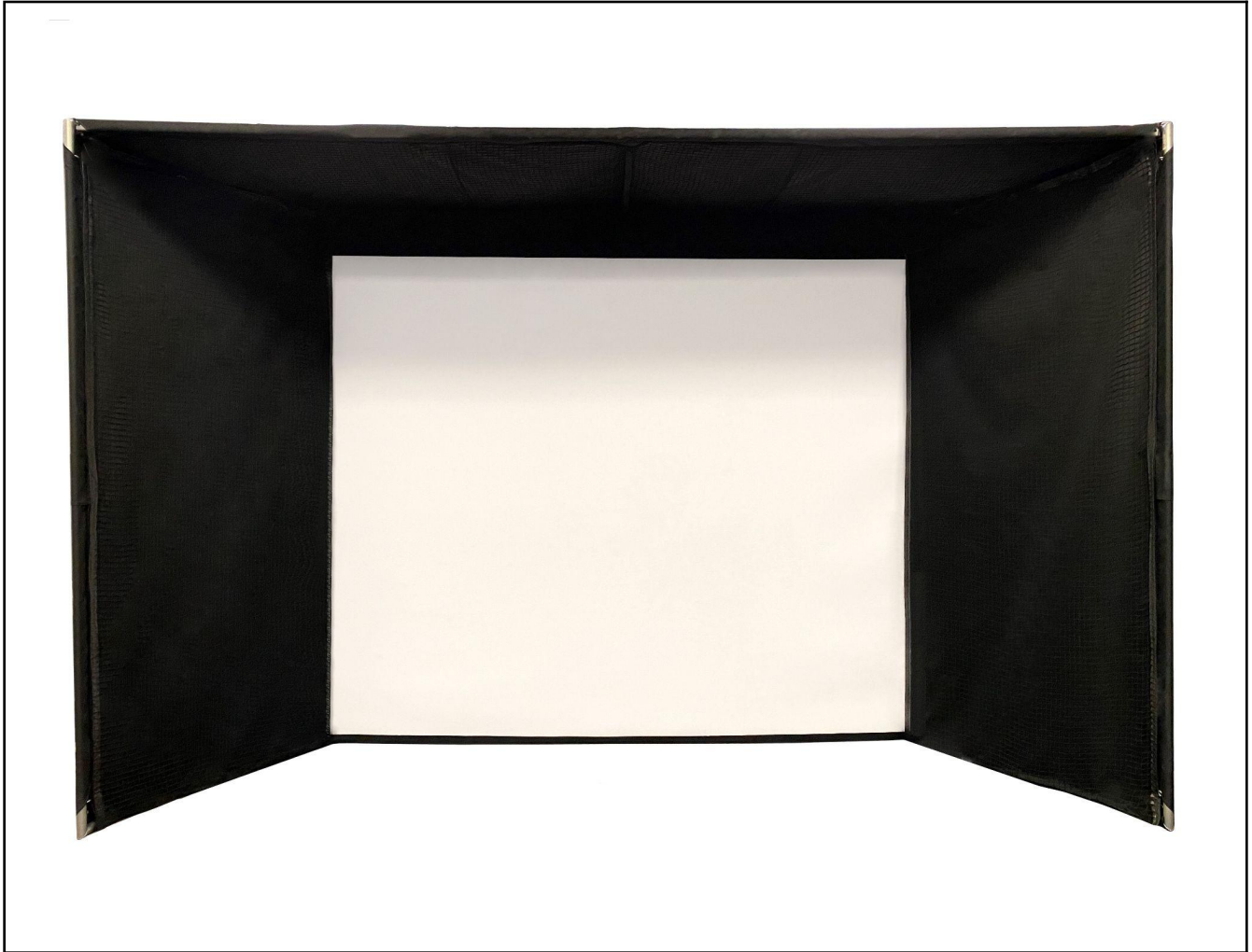
The screen side edge of your Side Netting will not attach to anything. This edge hangs freely to allow the fabric to flex.

REPEAT STEPS FOR THE OTHER SIDE NETTING



## SAFETY PRECAUTIONS

The StudioBay™ is designed for the back and sides of the enclosure to sit directly against a wall. Your screen is fully capable of handling real golf balls. However, for added safety, consider using “Almost Golf Balls” or foam balls rather than real golf balls when hitting indoors.



*Enjoy and be safe,*

**AllSportSystems**

## APPENDIX A - SideRite™ and ShotDefender™ Cable Assembly

When installing the SideRite™ Screen Tension Kit and/or the ShotDefender™ Safety Valance the cabling must first be assembled.

**SideRite™ Tension Kit:** Requires two cables; two turnbuckles and 8 wire clips.

**ShotDefender:** Requires one cable; one turnbuckle and 4 wire clips.

### What's Included:



Cables



4 ea Wire Clips (per cable)



1 ea turnbuckle (per cable)

### Tools/Equipment needed:

wrench  
gloves  
wire cutters



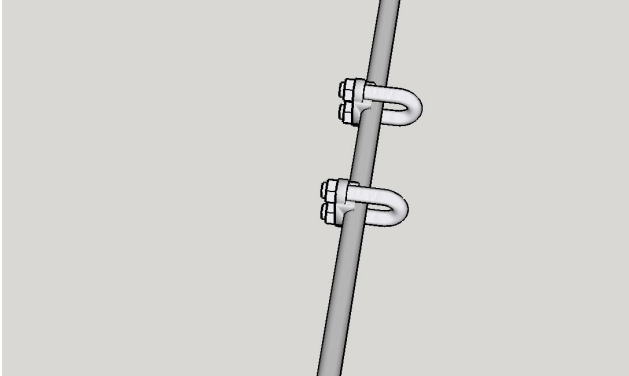
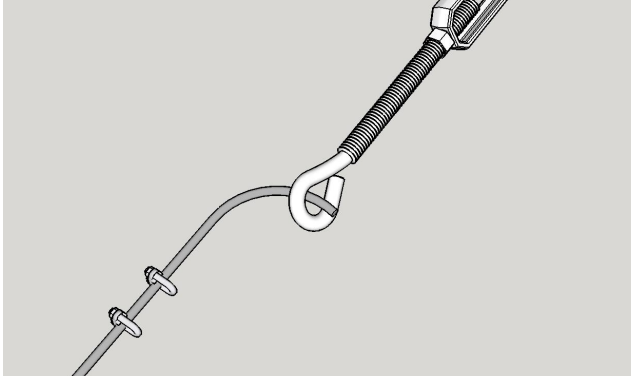
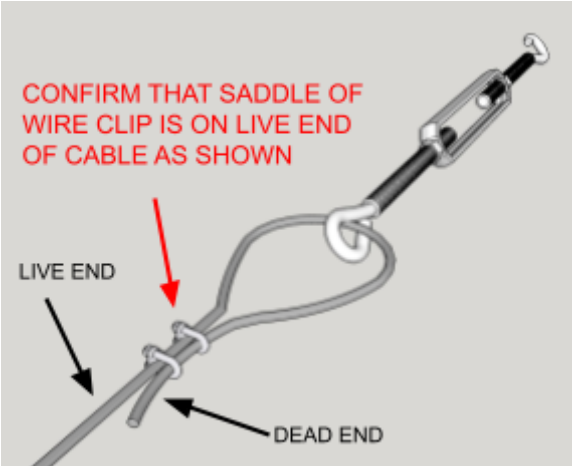
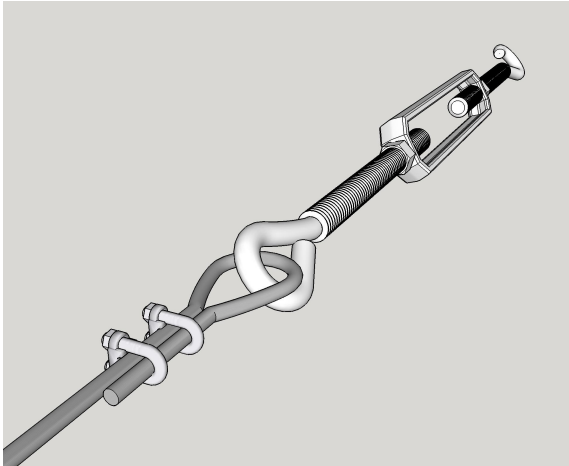
### Safety:

Use gloves when handling the cabling.



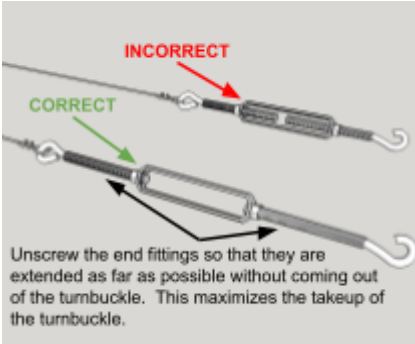
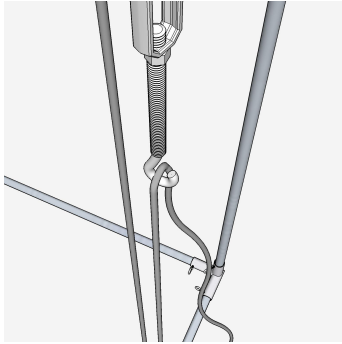
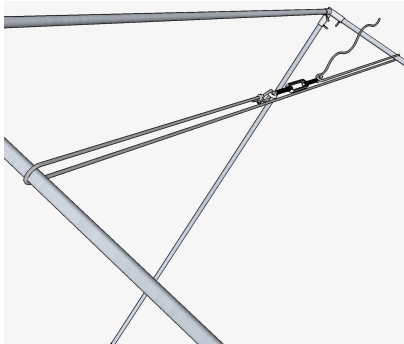
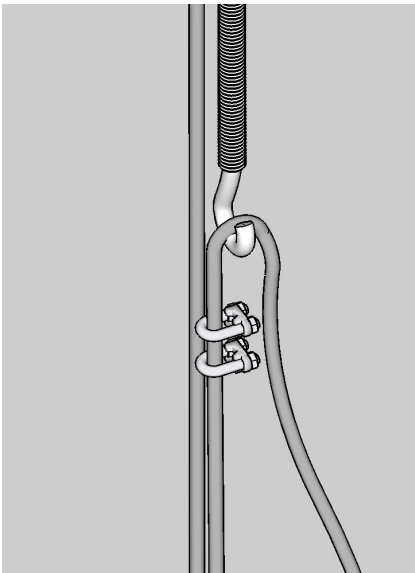
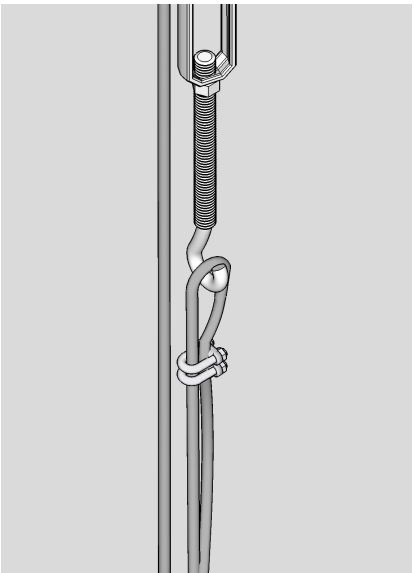
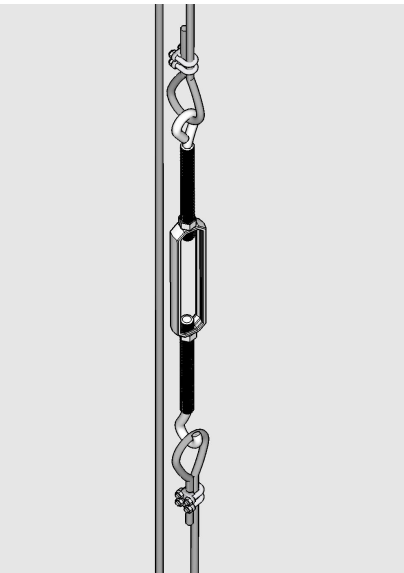
## Step 1 - Attach Cable to Turnbuckle

Follow the steps below to attach one end of the cable to eye of turnbuckle:

	
<p><b>(1)</b> If the end is frayed or unraveled, tape cable as shown with electrical tape.</p>	<p><b>(2)</b> Cut the cable at the tape so that cable end is properly seized and will not unravel.</p>
	
<p><b>(3)</b> Place two wire clips on cable.</p>	<p><b>(4)</b> Thread cable end through the eye fitting of Turnbuckle</p>
	
<p><b>(5)</b> Thread end of the cable back through wire clips.</p>	<p><b>(6)</b> Close loop and tighten wire clips with wrench so that cable does not slip. Leave about 1" of cable beyond last wire clip.</p>

## Step 2 - Add eye and trim cable to proper length

Complete cable assembly by first determining the proper length of the cable, forming the eye and then trimming off extra cable. Follow the steps below ...

<p><b>(1) Open Turnbuckle</b> fully as shown below. Both end fittings of the turnbuckle should be extended as far as possible without coming out. This is important to ensure that the cable is cut to the proper length and for providing enough tension on the cable after it is attached to the cable.</p>	<p><b>(2a) Determine Proper Cable Length for SideRite™ Cables</b>, wrap cable around the top and then the bottom depth poles for each SideRite™ Cables. Pull the end of the cable through the hooked end of the turnbuckle until cable is tight. Mark the cable to indicate where the eye should be formed.</p>	<p><b>(2b) Determine Proper Cable Length for ShotDefender™ Cables</b>, wrap cable around the top-left and top-right depth poles (across the entire width). Pull the end of the cable through the hooked end of the turnbuckle until the cable is tight. Mark the cable to indicate where the top of the eye should be formed.</p>
		
<p><b>(4) Thread two wire clips</b> on to the cable and form a loop in the cable around the hook end of the turnbuckle.</p>	<p><b>(5) Thread the dead end</b> of the cable back through the wire clips. Tighten wire clips with wrench.</p>	<p><b>(6) TRIM</b> extra cable and tighten turnbuckle to provide tension on the cable.</p>
		

## APPENDIX C - EMT POLE SCHEMATIC

