

# INSTALLATION MANUAL



## **⚠ WARNING**

DO NOT INSTALL, OPERATE OR SERVICE THIS PRODUCT UNLESS YOU HAVE READ AND FULLY UNDERSTAND THE ENTIRE CONTENTS OF THIS MANUAL. FAILURE TO DO SO MAY RESULT IN PROPERTY DAMAGE, BODILY INJURY OR DEATH.

## WARRANTY INFORMATION

Thank you for purchasing Blue Giant products. We appreciate your business, and are confident that our product will serve you for many years to come. In the event that you experience a problem with our product, our Warranty Center is here to support the Blue Giant Product(s) that you have purchased.

To validate warranty on recently purchased equipment, please complete and submit your information with our on-line Warranty Registration at [www.BlueGiant.com](http://www.BlueGiant.com).

For more information about Blue Giant's Warranty Support, please contact your local Blue Giant Equipment dealer, representative or authorized partner near you. You may also visit [www.BlueGiant.com](http://www.BlueGiant.com) or phone 1-905-457-3900.

\* Note that failure to validate warranty at the time of receipt can seriously affect the outcome of any claim.

## EXCLUSION OF LIABILITY

The manufacturer assumes no liability for damage or injury to persons or property which occur as a result of defects or faults in or incorrect use of the dock seal system. The manufacturer also assumes no liability for lost profits, operating downtimes, or similar indirect losses incurred by the purchaser. Injury to third parties, irrespective of its nature, is not subject to compensation.

The manufacturer reserves the right to make changes at any time to the modules, components, and accessories, concurrent with its continuing product development program. Specifications, operating instructions, and illustrations included in this manual are subject to change without notice. Please contact manufacturer for the latest information.

## MANUFACTURER'S NOTE

The dock seal has been carefully inspected and tested at the manufacturer's plant prior to shipment, but should be checked upon receipt for transport damage. Any observed transport damage is to be listed on the signed copy of the freight document. Notify the freight forwarder of any damage WITHIN 48 HOURS.

## OWNER'S PURCHASE RECORD

<b>OWNER'S PURCHASE RECORD</b> Please record information for future inquiries	
<b>Dealer:</b>	<b>Date in Service:</b>
<b>Serial Number(s):</b>	<b>Number of Units:</b>
	<b>Door # :</b>

The manufacturer offers a full line of dock levelers, dock safety equipment, accessories, ergonomic and scissor lift equipment, and industrial trucks. Concurrent with a continuing product improvement program, specifications are subject to change without notice. Please contact the manufacturer for latest information. Some features illustrated may be optional in certain market areas.



## WARNING!!!

Post safety warning and barricade work area, at dock level and ground level to prevent unauthorized use of the dock position while service work is being performed.

### Parts List

- ☐ 1 Head Frame
- ☐ 2 Side Frames
- ☐ 1 Head Curtain c/w Holdback straps
- ☐ 2 Side Curtains c/w Vertical Straps
- ☐ 3 Trim Angles
- ☐ 2 10" (254mm) I-Beams
- ☐ 2 Foam Bottom Buns

### Hardware – Galvanized

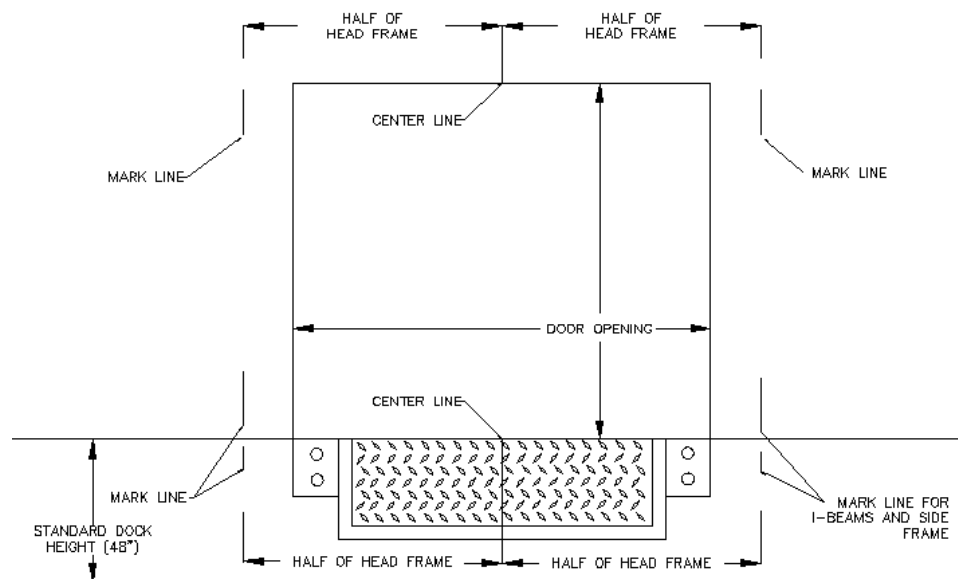
- ☐ 15 – 5/8" (16mm) x 4" (192mm) Sleeve Anchors
- ☐ 4 5/8" (16mm) x 4 1/2" (114mm) Wedge Anchors ( BG500)
- ☐ 50 #14 x 1" (25mm) Tek Screws
- ☐ 1 Installation Instruction

## Instructions:

### 1. Marking and mounting locations for side frames and steel I-Beams.

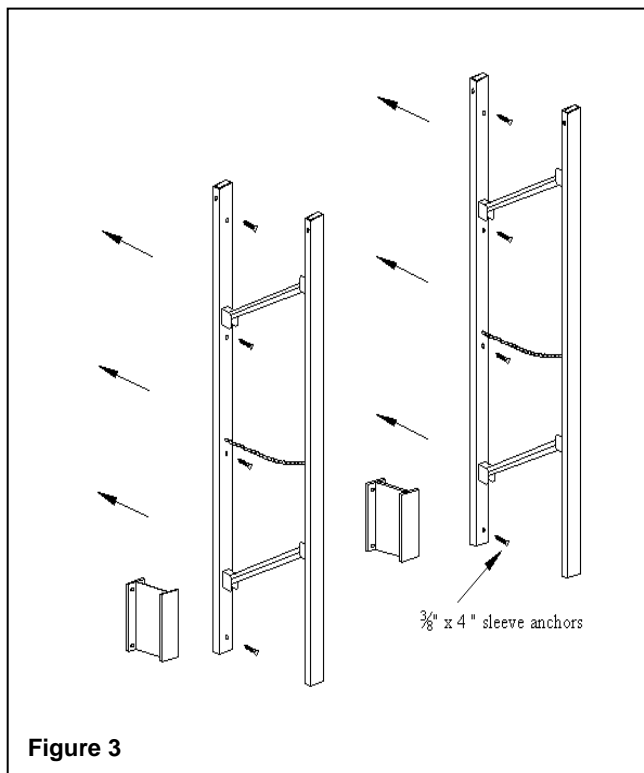
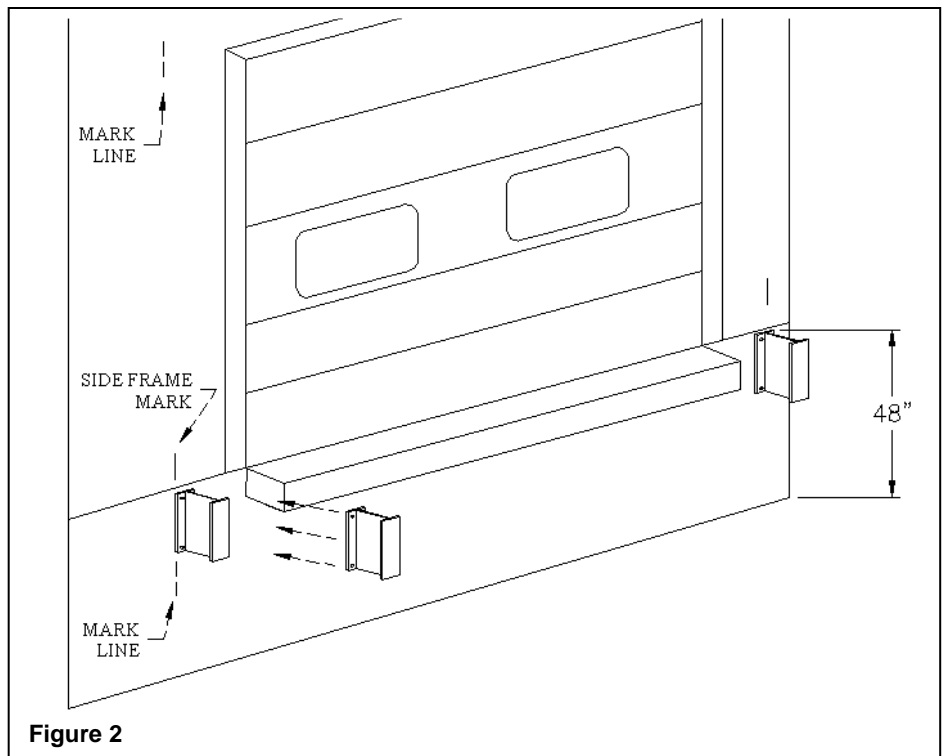
Measure one half of the top frame length. From the center line of the door opening (top & bottom) mark out the location of the outside of the side frames and steel I-beams as shown in **Figure 1**. Repeat for the other side frame and steel I-beam location.

Figure 1



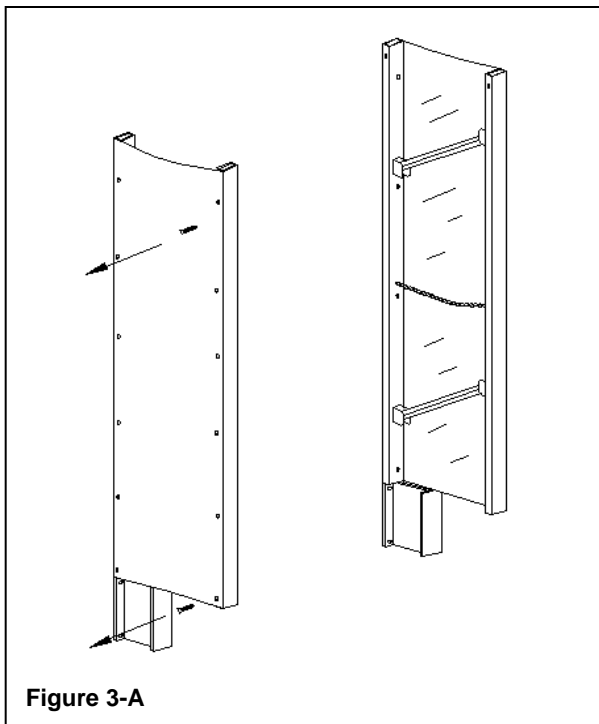
## 2. Attaching the steel I-beams to the wall.

Using four (4) 5/8" (16mm) x 4 1/2" (114mm) wedge anchors, mount I-beams on the building foundation so that the outside edge of the back plate is flush with mark made in step #1. Make sure that the front channel on the steel I-beam is 48" (1219mm) from the ground. See **Figure 2**.



## 3. Attaching side frames to the wall.

Place one vertical frame in place lining up the outside edge of the side frame with the marks as shown in **Figure 1**. Ensure that the side frames are plumb and sit flush with the building wall. Also make sure the bottom of the side frame sits flush with the outside edge of I-beam. Fasten each frame to building wall using (5) 3/8" (10mm) x 4" (102mm) sleeve anchors. See **Figure 3**.



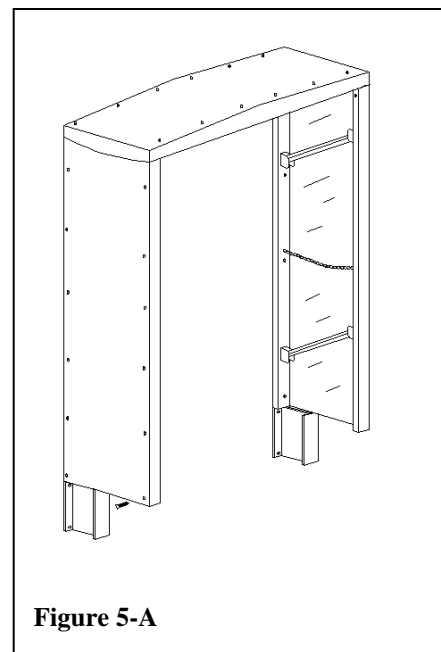
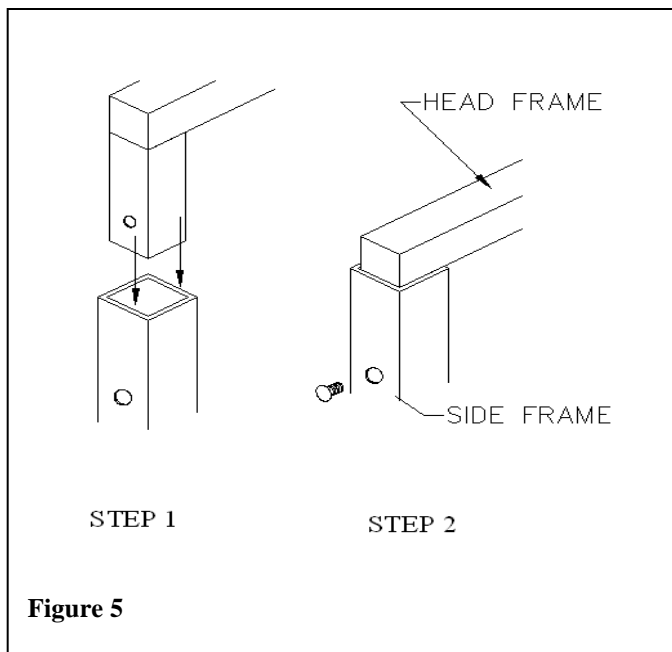
#### 4. Repeat steps 2-3 for other side frame.

**Note:** It may be necessary to thru-bolt on siding wall to secure frames properly. The perimeter cover will be shipped already attached to frames. You will need to remove the front two screws to proceed with this step. **Figure 3-A**

**Note:** Perimeter cover will come pre-attached to top frames. Same steps apply to head frame as sides.

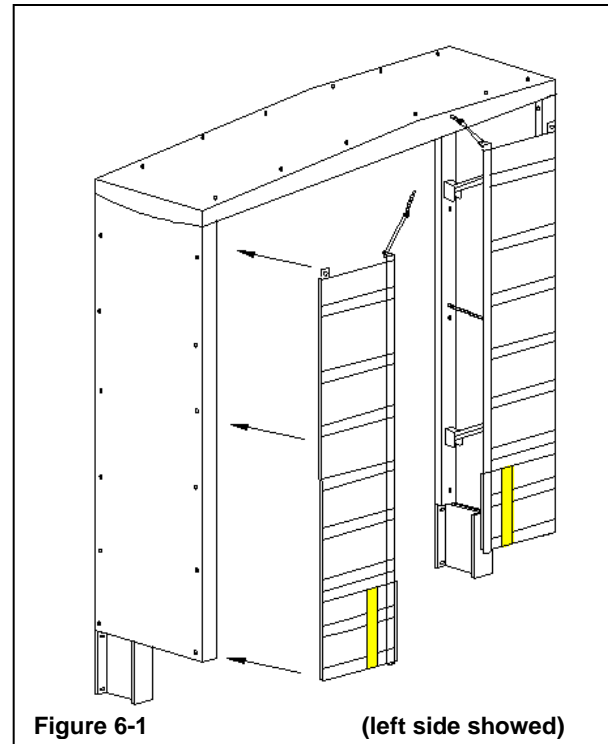
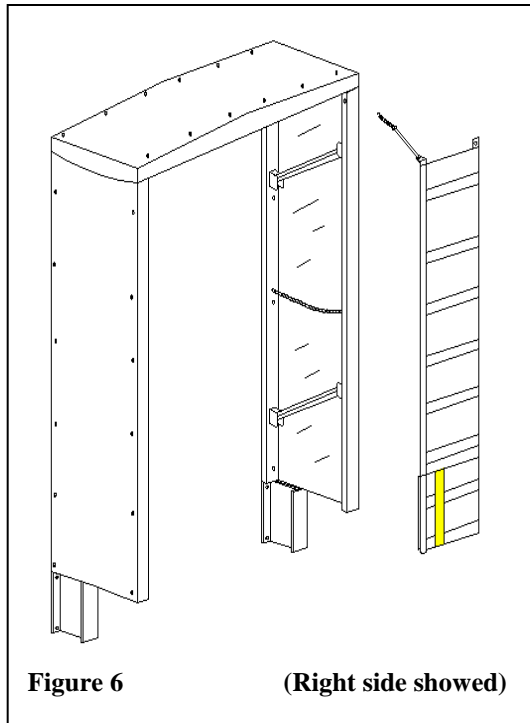
#### 5. Mounting top frame to wall and side frames.

Place head frame on top of vertical sliding the round tube on the head frame into the top side frames. Fasten the head frame to the wall using five (5) 3/8"(10mm) x 4" (102mm) sleeve anchors. Also tighten two side screws supplied on head frame. **See Figure 5.**

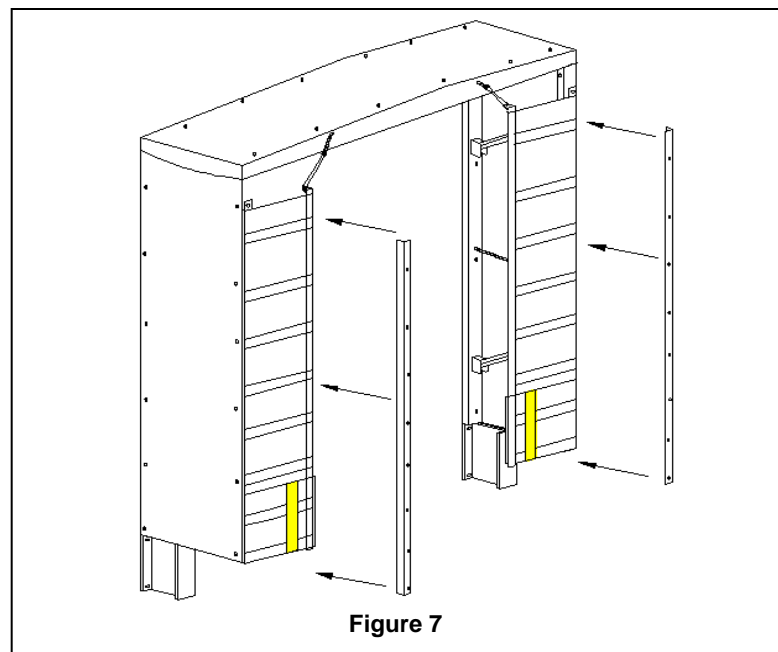


## 6. Attaching side and head curtains to frame.

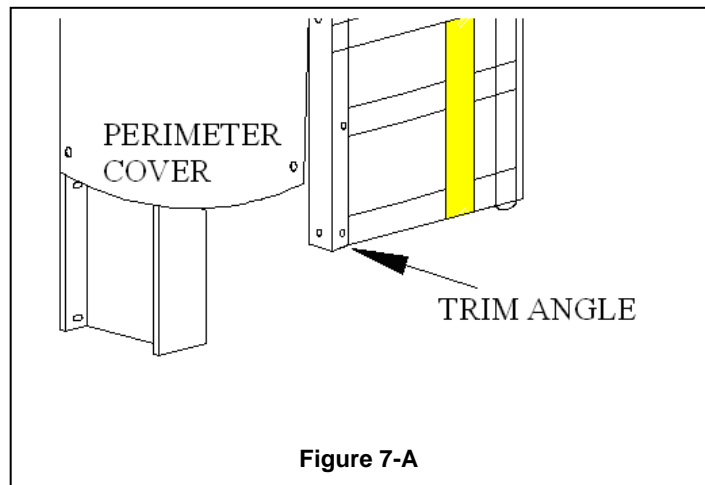
**6A)** Attach the side curtains to the side frame thru grommet in top of side curtain using #14 x 1" (25mm) Tek screw provided. Make sure side curtain sits flush with bottom of side frames. **Figure 6 and Figure 6-1.** Attach the top straps on the side curtain to the head frame as shown in **figure 7.**



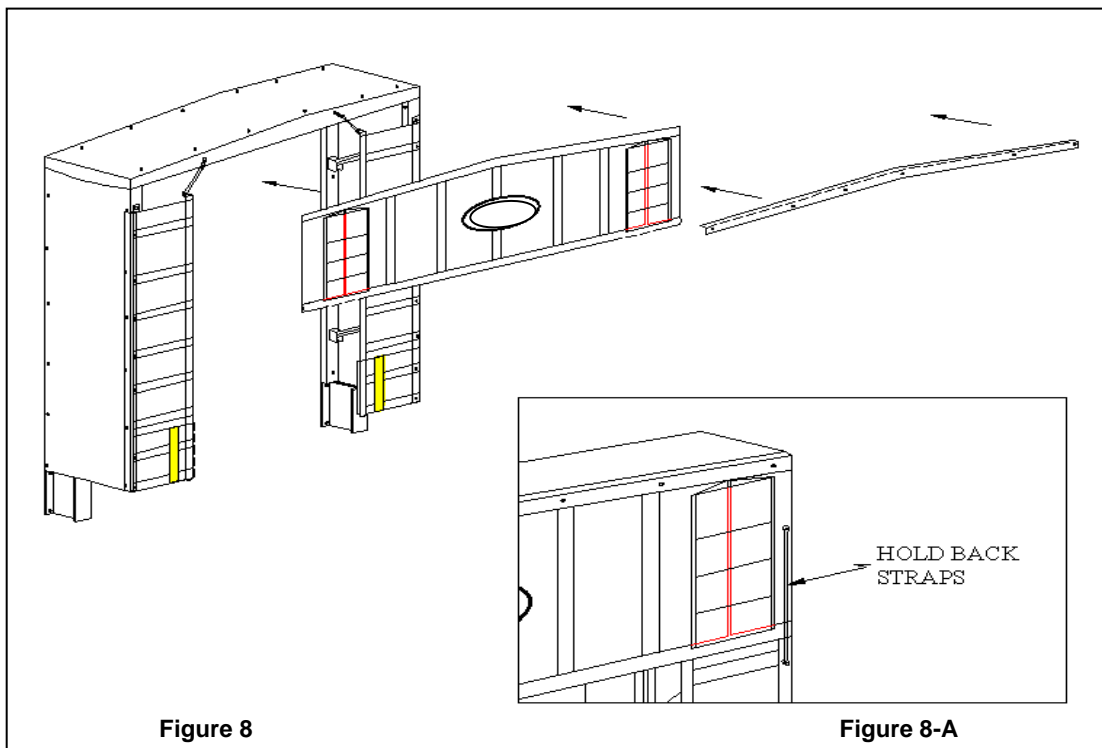
**6B)** Secure each side curtain to frame using one 1.5" (38mm) x 2.5" (64mm) trim angle supplied (**figure 7**) With #14 x 1" (25mm) Tek screws for galvanized frames. The trim angle has been pre-drilled to suit the curtains. Make sure that the holes in the trim angles line up with the stiffeners in the curtain. **See Figure 7.**



**Important Note:** You MUST ensure that the fasteners penetrate the stiffeners. It is necessary to pre-drill the stiffeners to prevent them from splitting. Also the trim angle must be attached under the perimeter cover. See Figure 7-A.



**\*Follow steps 7 & 8 for head curtain. Figure 8.**

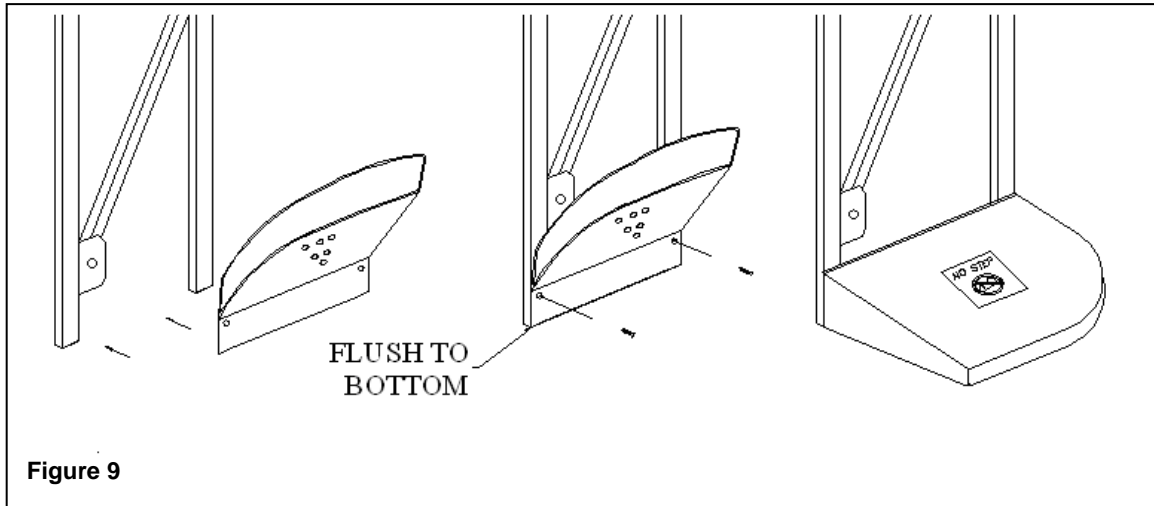


## **7. Attaching wind straps.**

Attach the hold back straps on the sides of the head curtain to the side frames as shown in Figure 8-A.

## 8. Bottom Pads.

Attach the bottom buns to the bottom of the side frames using two #14 x 1" (25mm) Tek screws. (Air vents on bottom) See **Figure 9**.



## 9. Caulking.

Caulk across the top of the head pad using a good quality caulking.

## 10. Clean up around dock area when complete.

## NOTES



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