

## **INSTALLATION INSTRUCTIONS**

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# Side Kit Installation Instructions

## **Step 1:**

### **INSTALLATION OF DOT BULKHEAD 10" OR 22" RETURN**

- Remove cardboard wrapping
- Install bulkhead as per instructions provided

## **Step 2:**

### **INSTALLATION OF POSTS**

- Start at rear DS. install the corner post and proceed to the front on 48" C-C
- Start at rear CS. install the corner post and proceed to the front on 48" C-C

**NOTE:** Curb Side generally has 5 T posts with sleeves for tarp stay, evenly spaced, starting with the first post, from the back of the bulkhead and finish with rear corner post.

- Install 2 shorter (in height) T posts across rear

## **Step 3:**

### **INSTALL PANELS**

- The Side-Kit comes with a pre-determined number of finish panels cut to the correct width and height to suit trailer/truckbody supplied (pocket centres of 48" or 48 1/2")
- Customized panel size refer to the supplied "Cut Panel Instructions"

**NOTE:** Rear panels and posts are 6" lower than sides.

## **Step 4:**

### **INSTALLATION OF HANDLE AND LIFT-OUT HOOKS**

- Lift out panel feature is located on the opposite side of the rear tarp stay
- Place rear left panel on trailer deck
- Place hooks into sleeves on corner post, drill and bolt in place
- Handle should be located in centre of panel 12"-18" up from bottom

## **Step 5:**

### **INSTALLATION OF REAR SUPPORT BRACES**

- Rear brace angles forward 45 deg. to side rub rail
- Attach brace to bracket with supplied bolt
- Corner post should be straight upright in pocket
- Bolt or pin brace to the side rail.

## **Step 6:**

### **INSTALLATION OF BOWS**

- Install bows into T posts, bulkhead and rear corner posts
- Check front tarp specification for smaller bow rise location

**NOTE:** Side-Kit is available with optional plastic bow sleeves to prevent tarp from wearing on the bows

## **Step 7:**

### **INSTALL ROOF STRAP**

- Place double D ring over rear bow
- Attach roof strap to top centre of BH (3" down from top)
- Place roof strap over all bows and attach to double D ring and tighten

## **Step 8:**

### **INSTALLATION OF TARPAULIN**

- Install tarpaulin over bows by unrolling front to rear
- Fit tarpaulin at front and rear
- Check to ensure drop is even on all 4 sides
- Secure front of tarpaulin to bulkhead
- Stretch tarpaulin to rear and tie down

**NOTE:** Side Kit tarps come standard with reinforcing over the top of T posts, panels and bulkhead edge. A loose tarp not properly tied down will create "wind whipping" identified as a long series of cracks when vinyl is peeling away from base fabric and will NOT be covered under any WARRANTY.

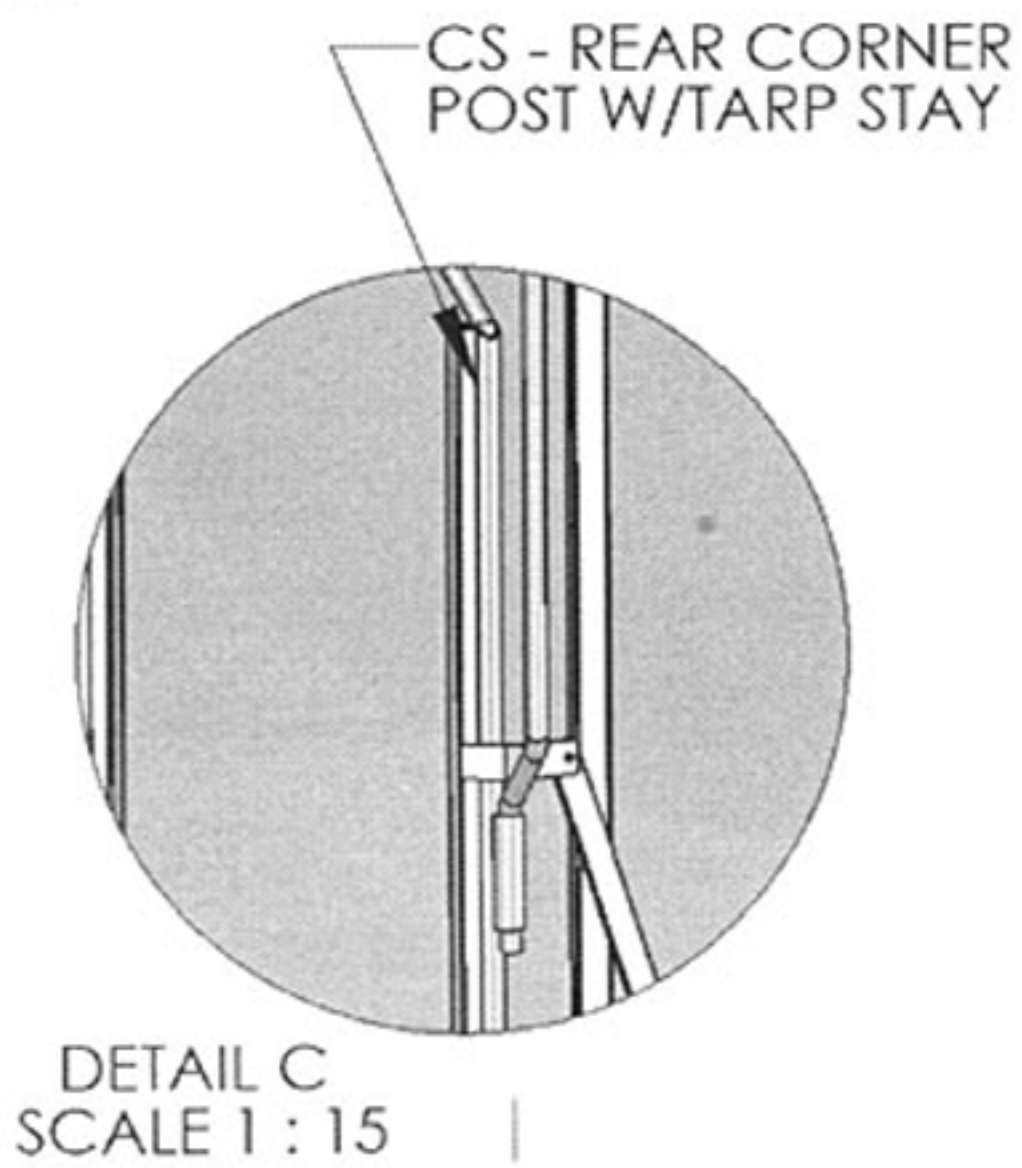
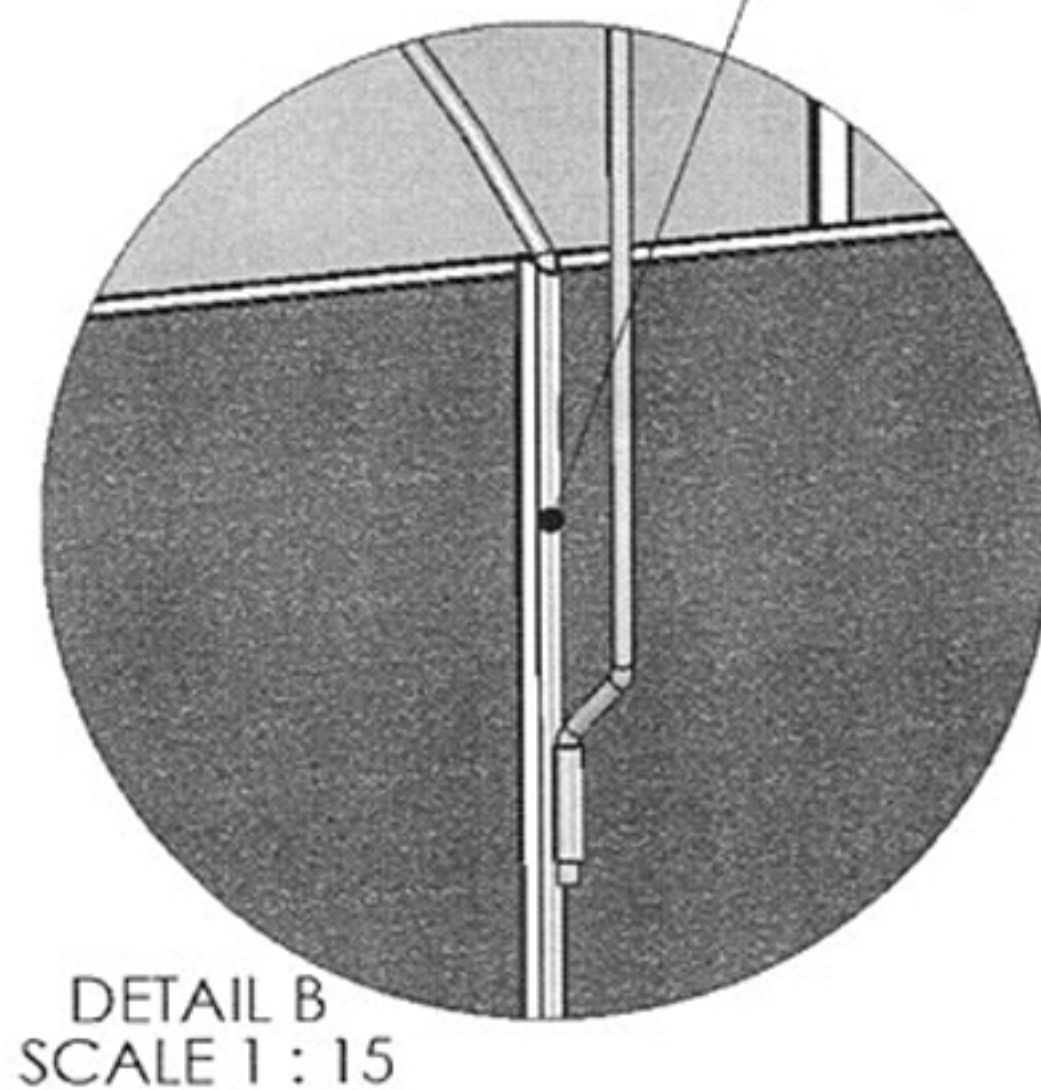
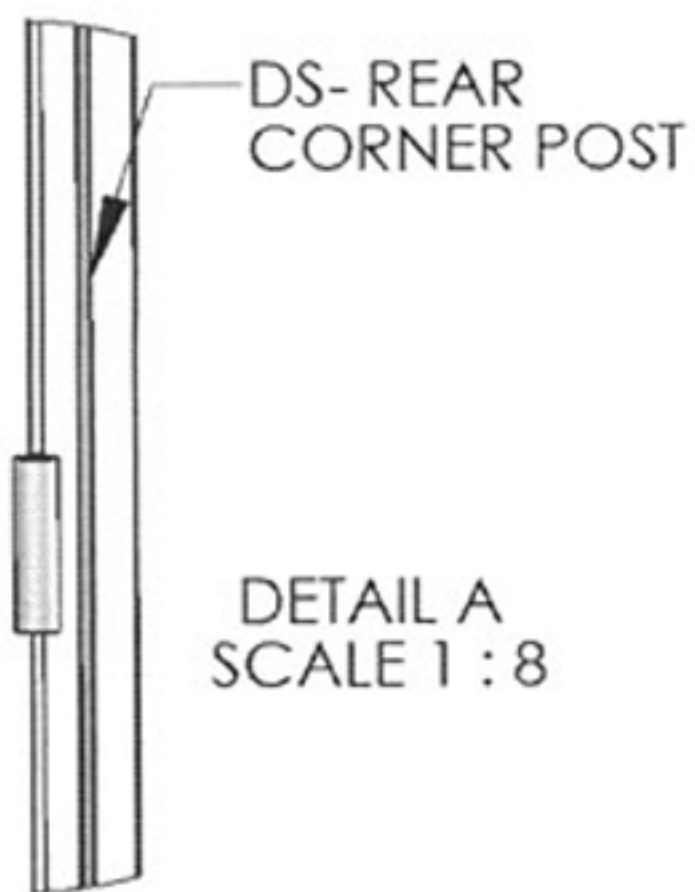
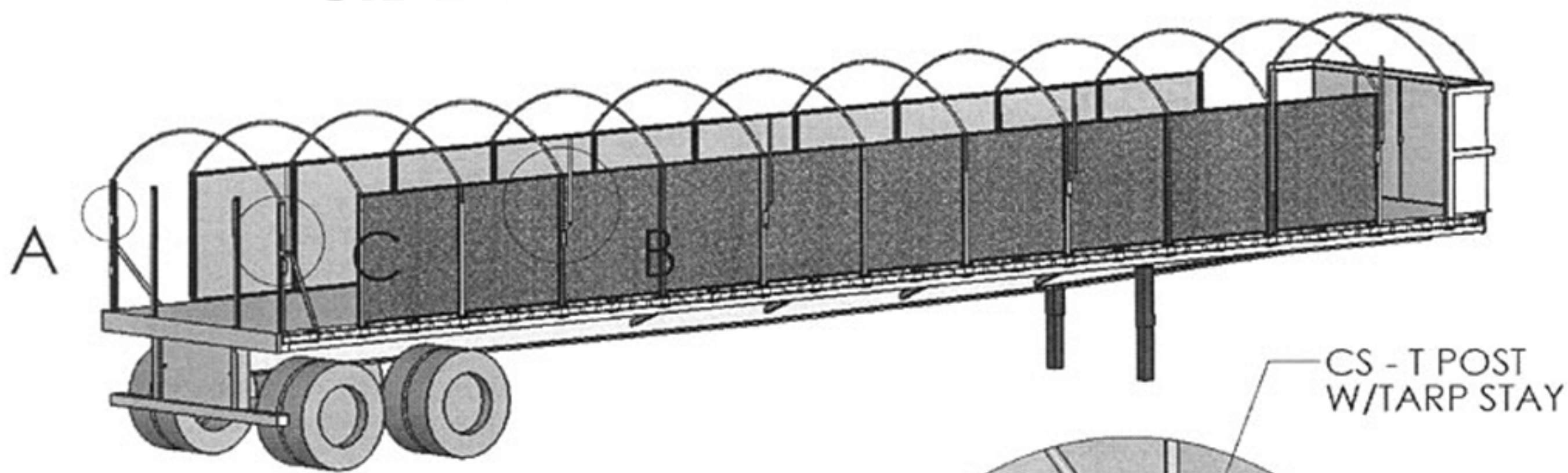
Any tarp wear caused by the removal of cross bows to accommodate higher loads will NOT be covered under any WARRANTY.

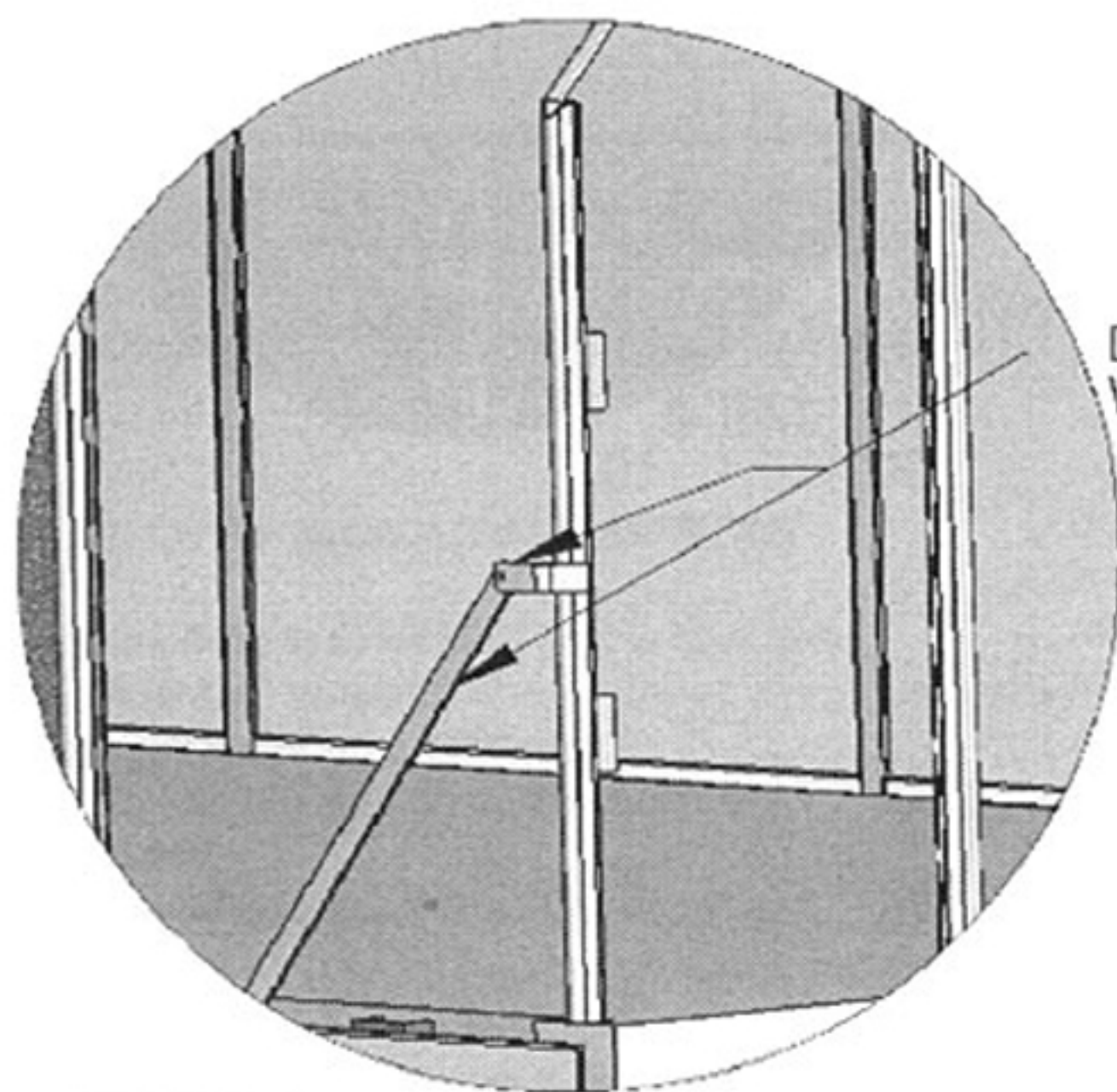
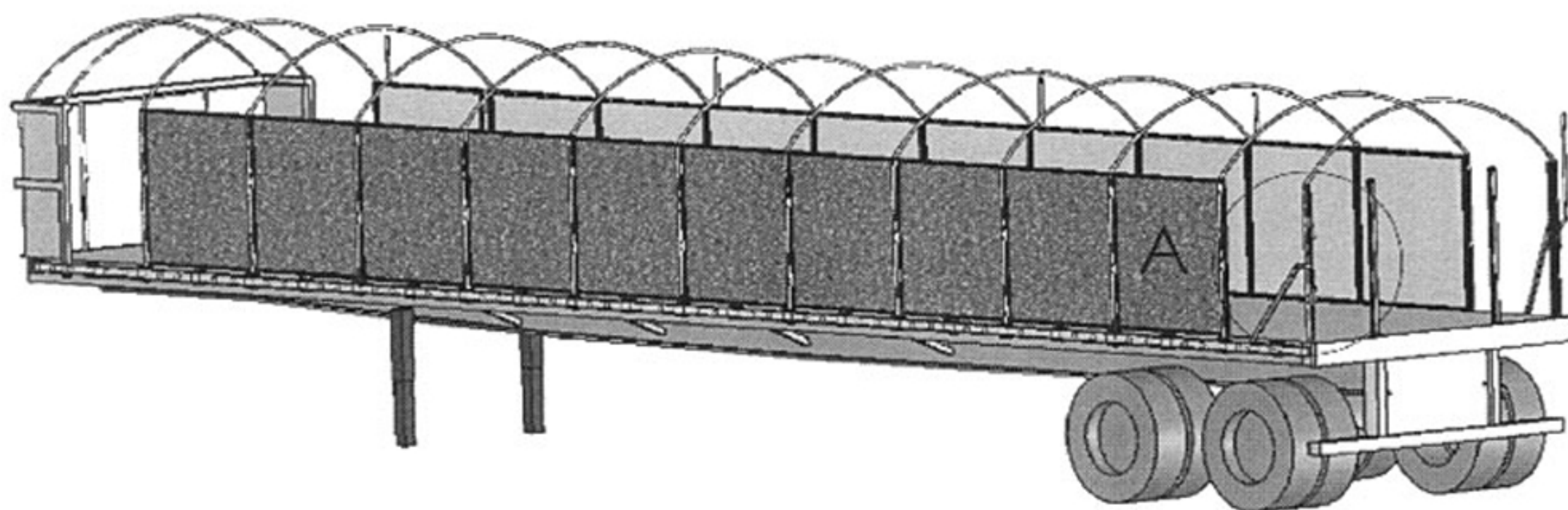
Tarp wear caused by removal of any supplied ropes will NOT be covered under warranty.

\* For Western 2 pc. tarp. install rear tarp first, and then the front. The front tarpaulin should overlap the rear.



# SIDE KIT COMPONENTS

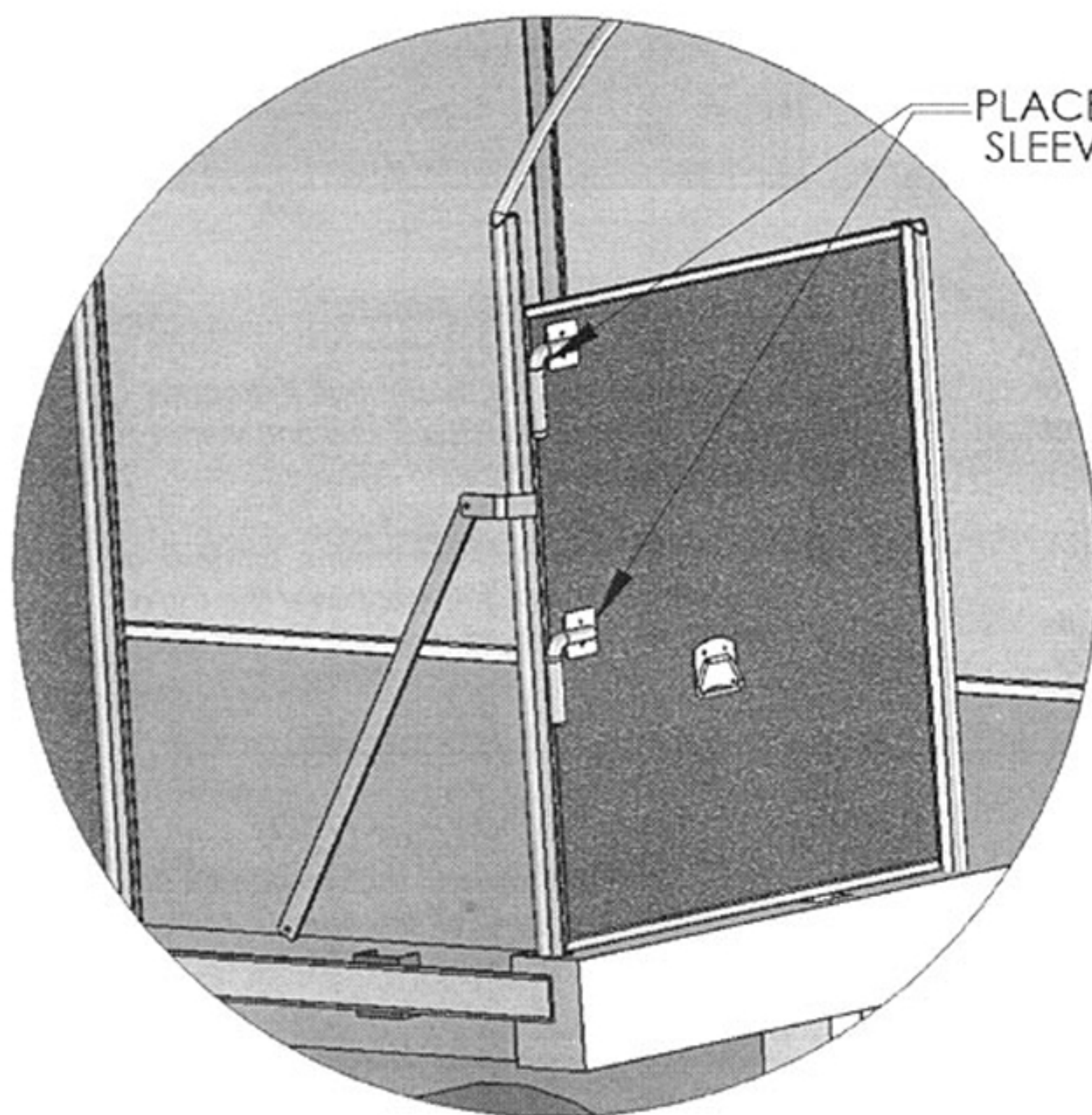
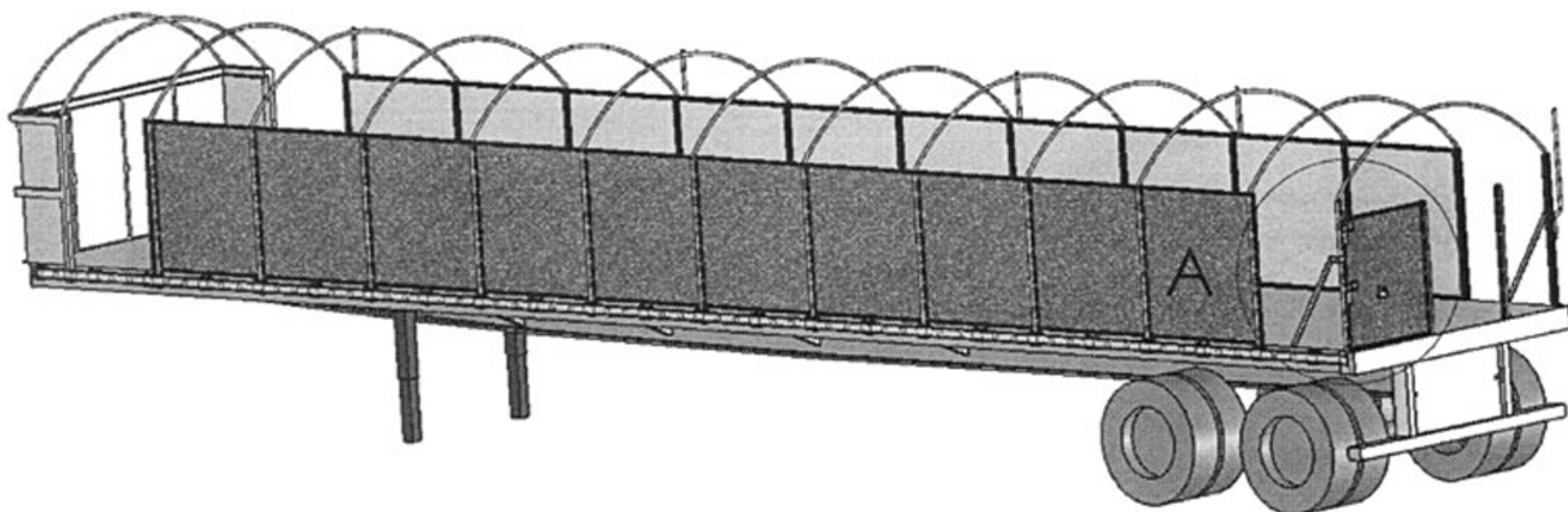




DS- REAR CORNER POST  
W/SUPPORT BRACKET AND BRACE

DETAIL A  
SCALE 1 : 15





PLACE LIFT-OUT HOOKS IN CORNER SLEEVES; DRILL AND INSTALL

DETAIL A  
SCALE 1 : 15

# **Working Procedure for Custom size Panels "Tuff Lite & TL-1 & TL-2 w/Aluminum Guard"**

## **Height of Panel:**

1. Cut Panel 5/8" smaller than the finish height of panel required.

i.e. For a 48" post ht., finish height of panel required is 48" and cut dimension is 47 3/8".

## **Width of Panel:**

2. Cut Panel 5/8" smaller than the finish height of panel required.

i.e. For 48" c-c trailer pockets, finish width of panel required is 48" and cut required is 47 3/4" and cut dimension is 47 1/8"

## **Height of Guards:**

3. Cut 2 side guards at a 45 degree angle on both ends to the exact finish height of panel. Drill one hole R 1/8" at each end of the guard. See Fig #4

## **Width of Guards:**

4. Cut 2 top guards at a 45 degree angle on both ends to the exact finish width of panel. See Fig #5

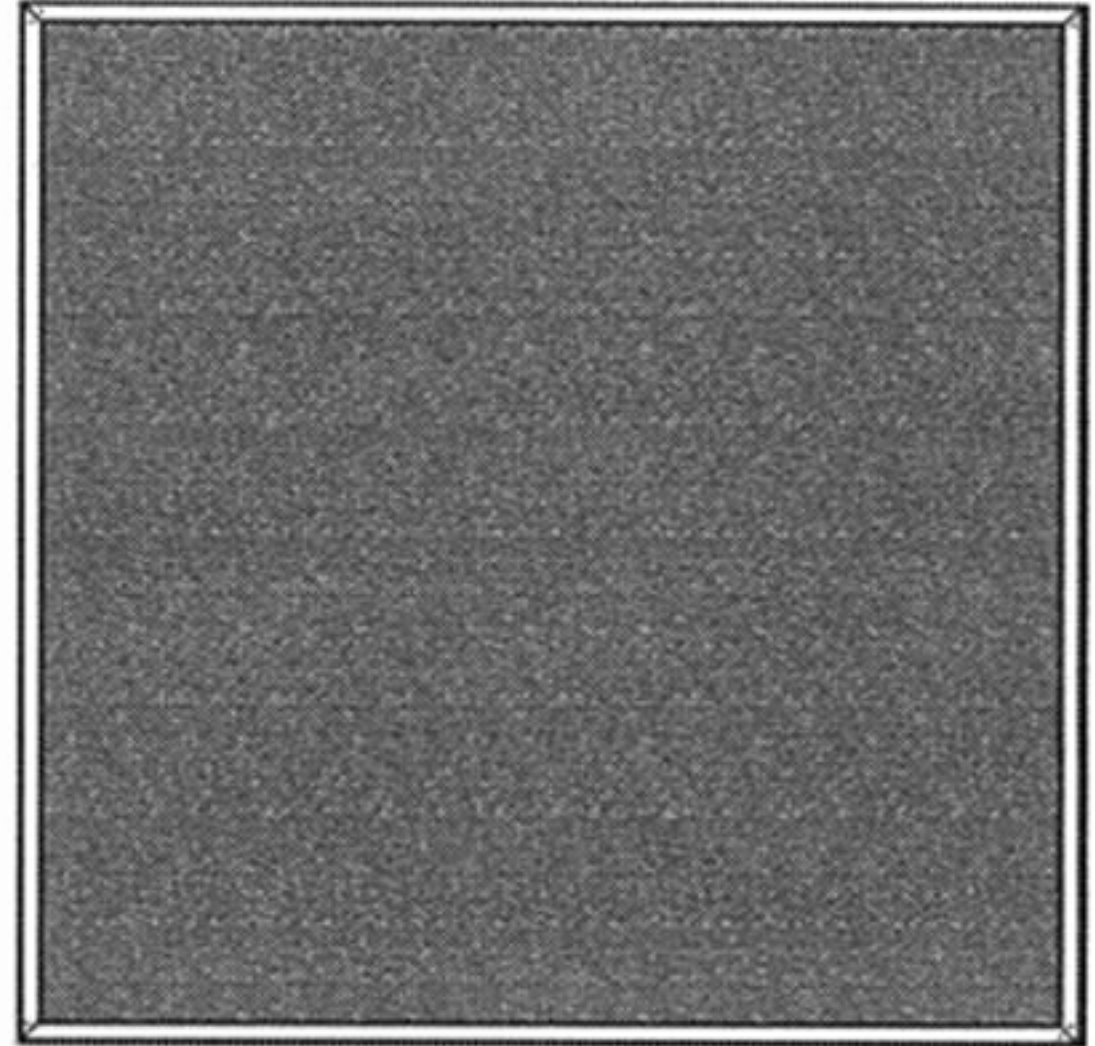
## **Installation of Guards:**

5. Press the guards in place with a plastic hammer, having the panel standing up on a level surface.

6. Insert the screws on the four side corners. Ensure the screw bites into the aluminum extruded groove in the lower wall of the guard.

7. To ensure the four corners withstand day to day impact and handling, install as shown (2) centre punch dimples (indents) in all corners, both sides of panel.

See Fig #6



## **WARRANTY DISCLAIMER:**

Panels are subject to damage if dropped on their corner which will null and void warranty.

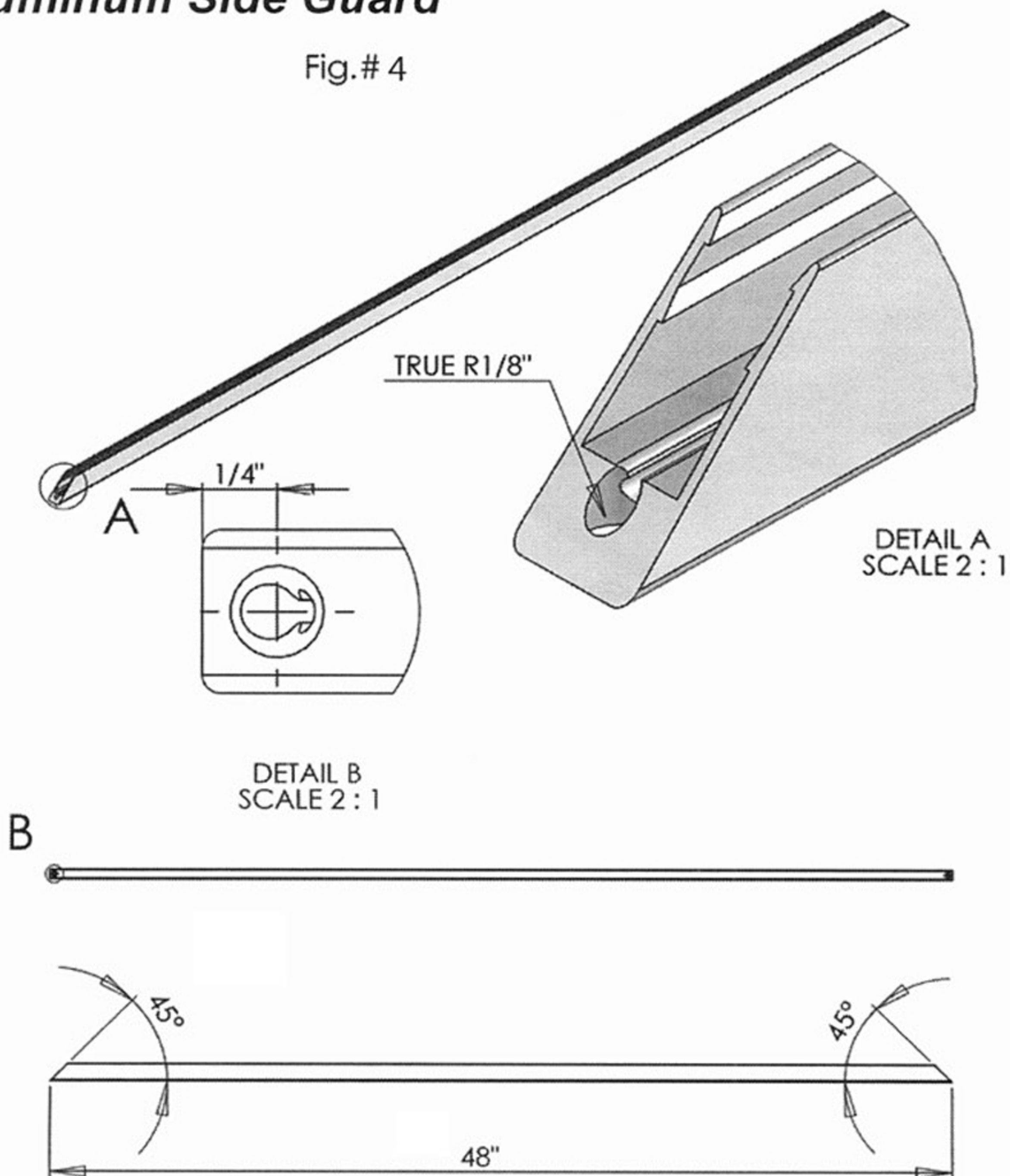
DO NOT hang hooks w/chains, binders, or any other cargo equipment over the top of the guard. All warranties will be null and void.

Note: Horizontal top and bottom guards have no holes, vertical side guards have holes.



# Tuff Lite, TL1, TL2 Aluminum Side Guard

Fig.# 4



**Tuff Lite, TL1, TL2**  
**Aluminum Top & Bottom Guard**

Fig.# 5

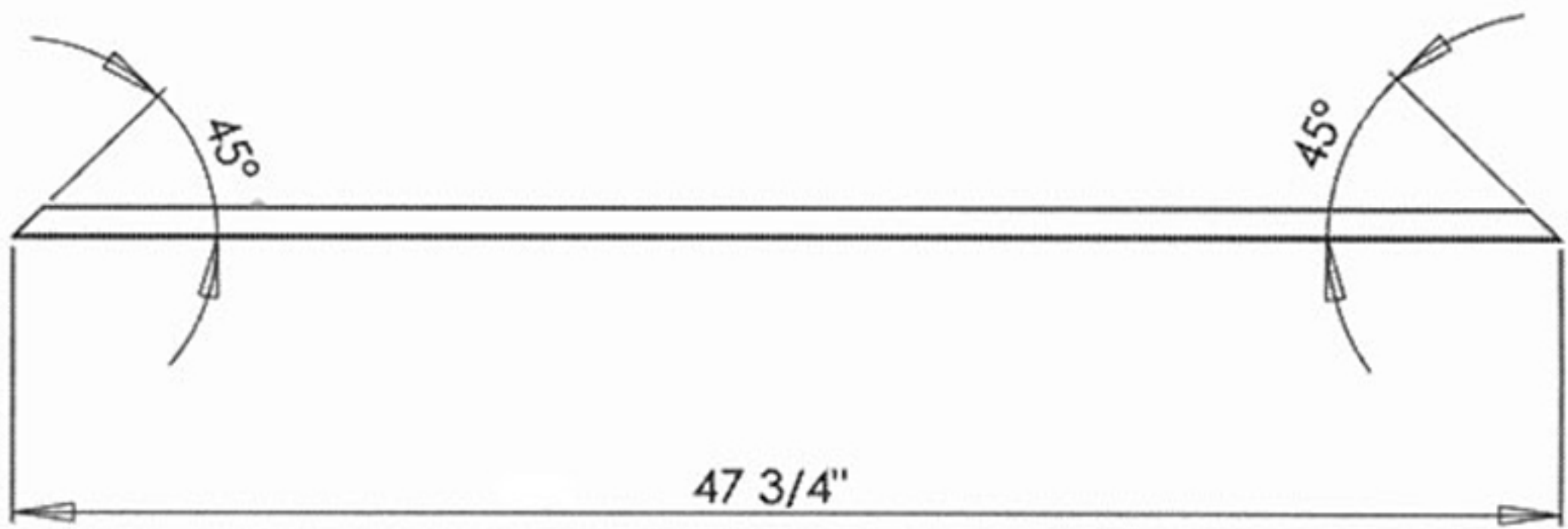
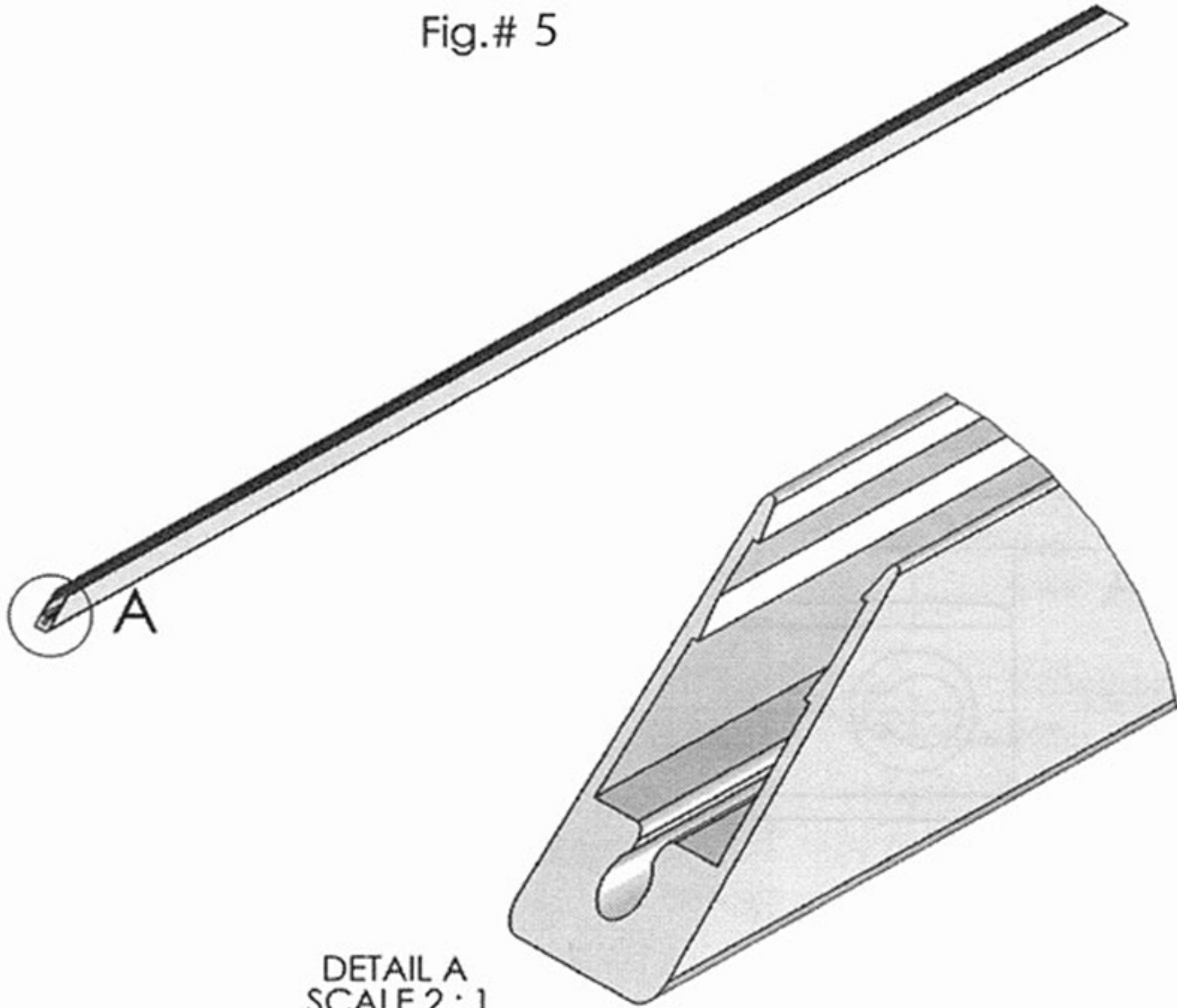
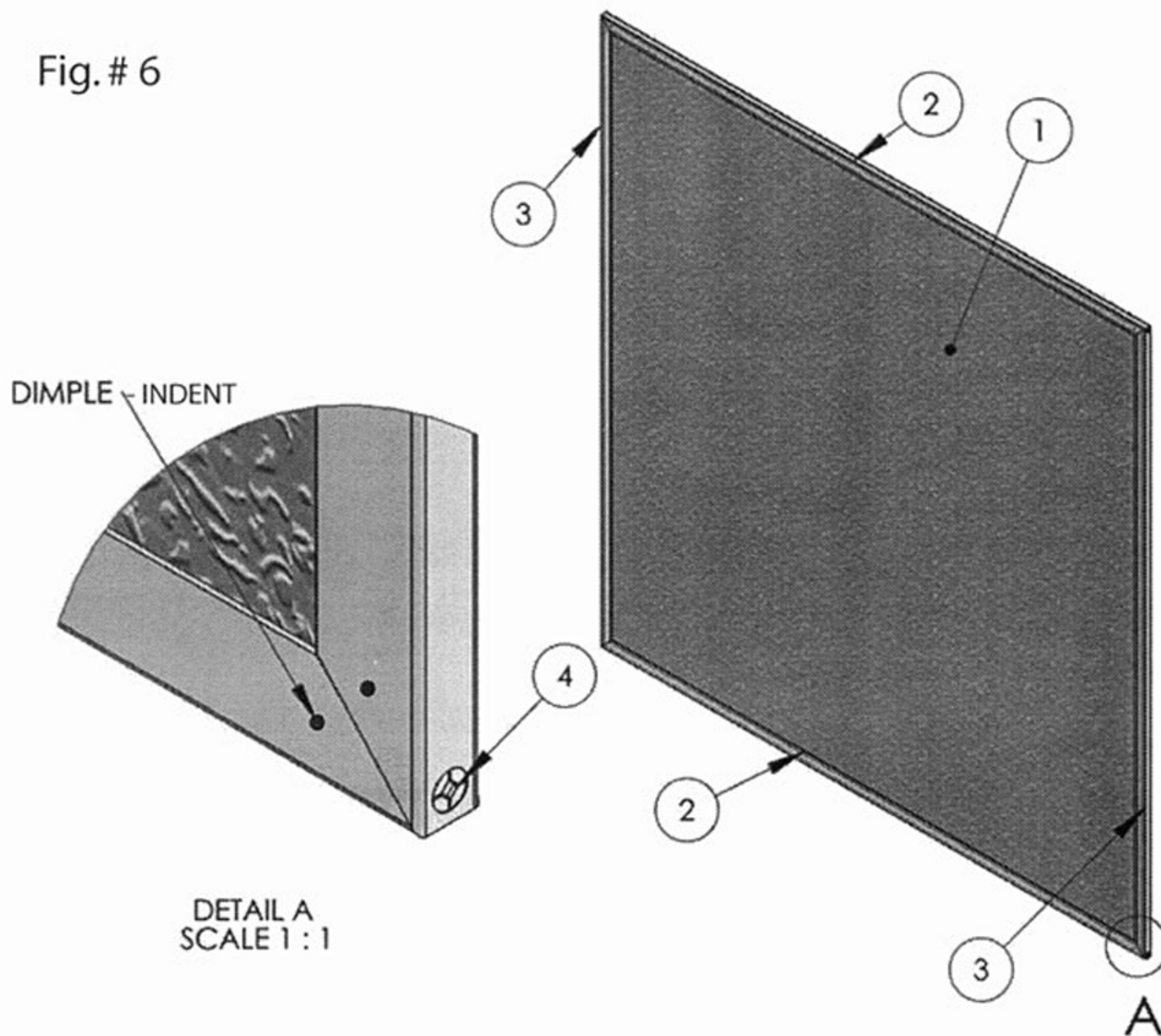




Fig. # 6



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Panel-48x48-TL1	0100-00035-RM	1
2	Aluminium Guard - Top, for TL, TL1, TL2 panels	0105-01802-FA	2
3	Aluminium Guard - Sides, for TL, TL1, TL2 panels	0105-00255-FA	2
4	Screw-alum.guard- TL1	0105-01881-FA	4

# Working Procedure for Custom size Panels "TL-2 Plastic Guard"

## Height of Panel:

1. Cut Panel  $\frac{3}{8}$ " smaller than the finish height of panel required.

i.e. For a 48" post ht., finish height of panel required is 48" and cut dimension is  $47 \frac{5}{8}$ ".

## Width of Panel:

2. Cut Panel  $\frac{3}{8}$ " smaller than the finish height of panel required.

i.e. For 48" c-c trailer pockets, finish width of panel required is 48" and cut required is  $47 \frac{3}{4}$ " and cut dimension is  $47 \frac{3}{8}$ "

## Height of Guards: See Fig. #7

3. Cut 2 side guards at a 45 degree angle on both ends to the exact finish height of panel.

## Width of Guards: See Fig. #7

4. Cut 2 top guards at a 45 degree angle on both ends to the exact finish width of panel.

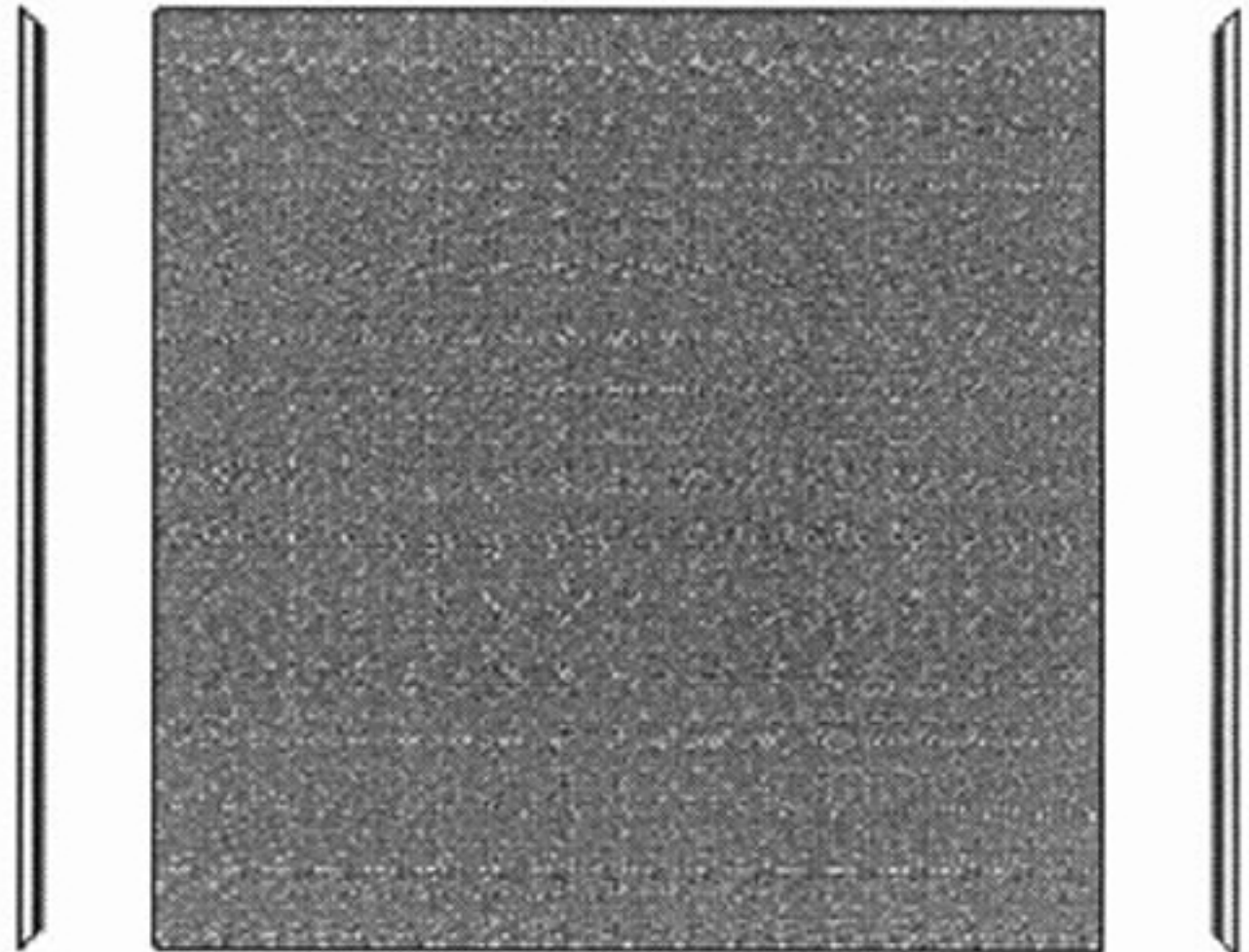
## Installation of Guards:

5. Insert Aero-Kit supplied adhesive on all 4 guards, and on all 3 interior plane surfaces for each guard.

6. Press the guards in place with a plastic hammer, having the panel standing up on a level surface. Let dry for 24 hours at a temperature of 65°F.

**Note:** Properly installed guards will not release from panel after cured.

No screws or dimples required.



## WARRANTY DISCLAIMER:

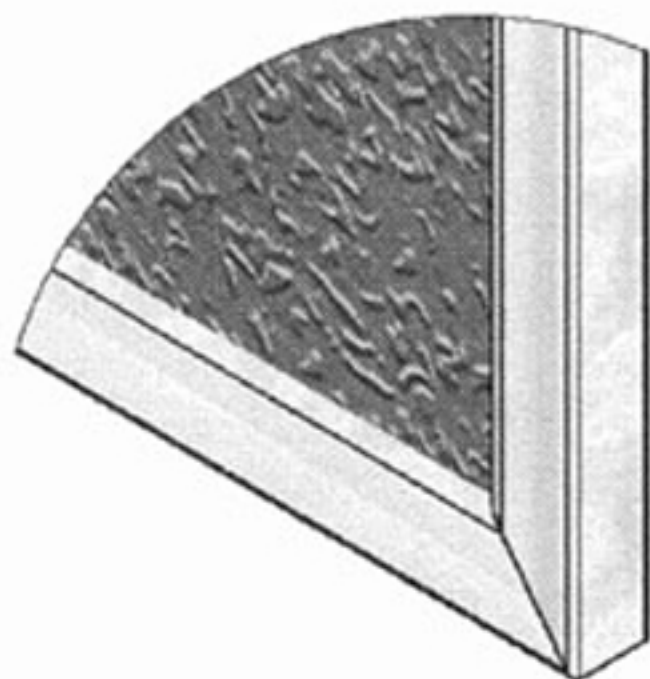
Panels are subject to damage if dropped on their corner which will null and void warranty.

DO NOT hang hooks w/chains, binders, or any other cargo equipment over the top of the guard. All warranties will be null and void.

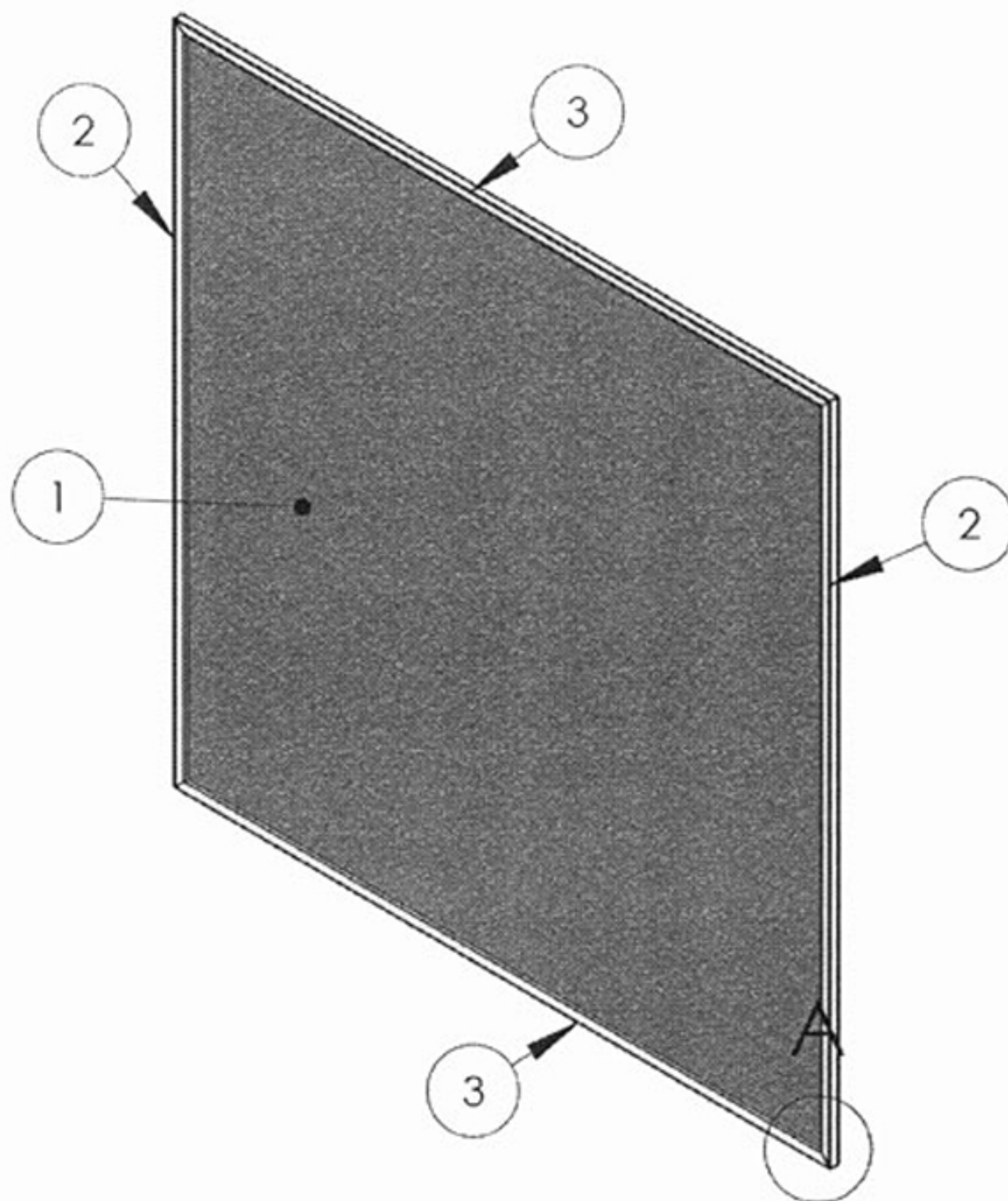
## IMPORTANT NOTICE:

Panel guards have to be installed with the small leg on the exterior face of the panel. This prevents "T" section on post from wearing on panel.



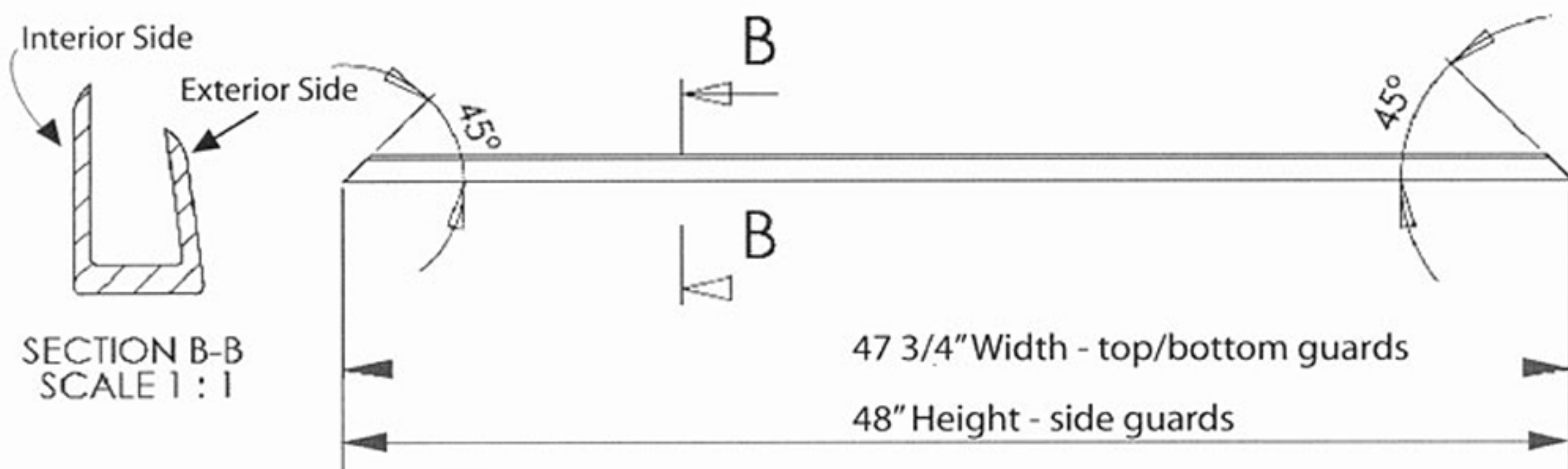
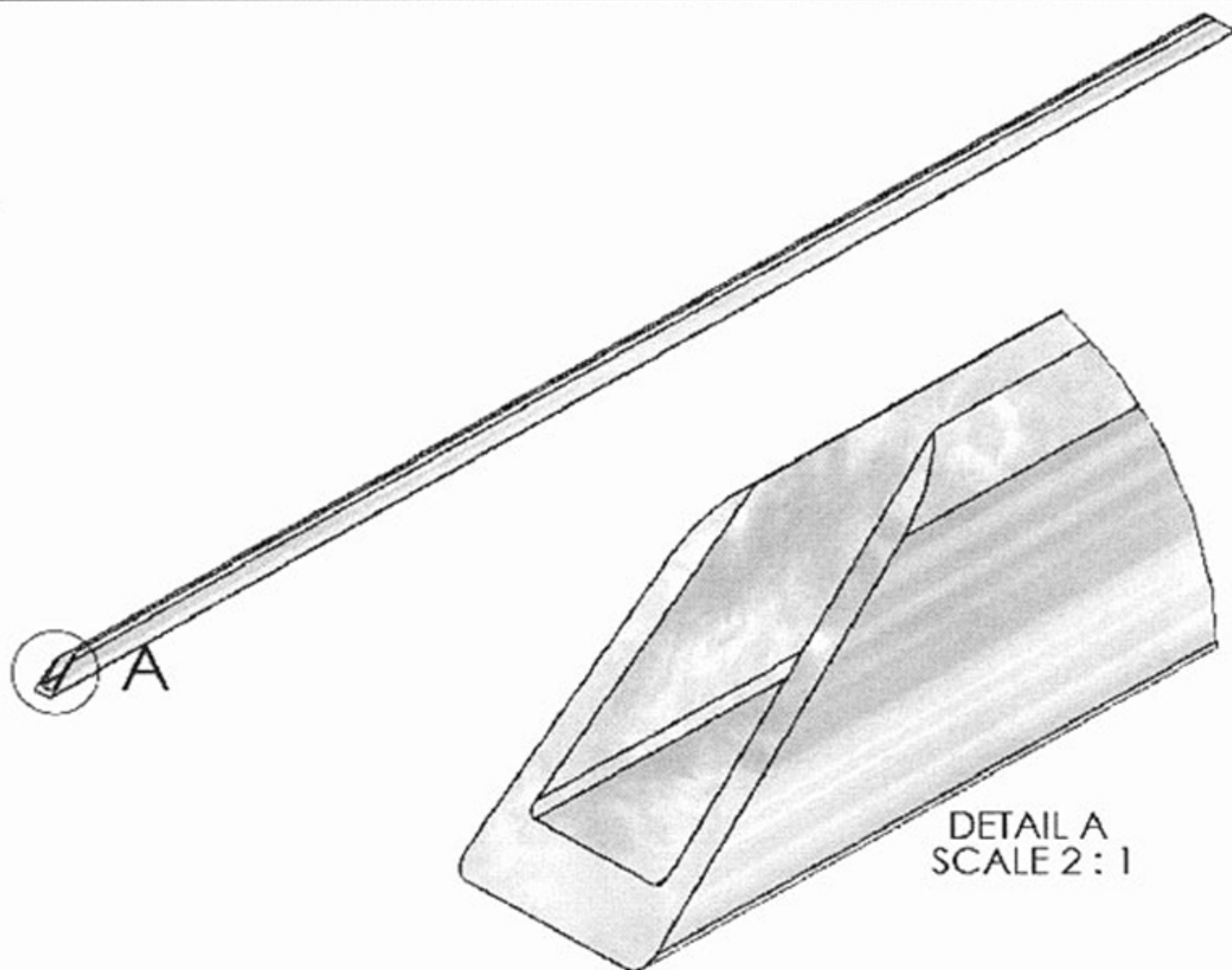


DETAIL A  
SCALE 1 : 2



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	Panel-48x48	0100-00041-FA	1
2	Plastic Guard, Side- for plastic panel	0105-00007-FA	2
3	Plastic Guard, Top- for plastic panel	0105-00007-FA	2

**Fig. # 7**



**NOTE:**

- For 48" ht. panels
- Install with the long angle side to the inside of panel.
- Cut side guards to 48"
- Cut top/bottom guards to 47 3/4"



# **Working Procedure for Custom size Panels**

## **"Plywood & FRP1 & FRP2 w/ 1/2" Aluminum Guard"**

See Fig. # 8

### **Height of Panel:**

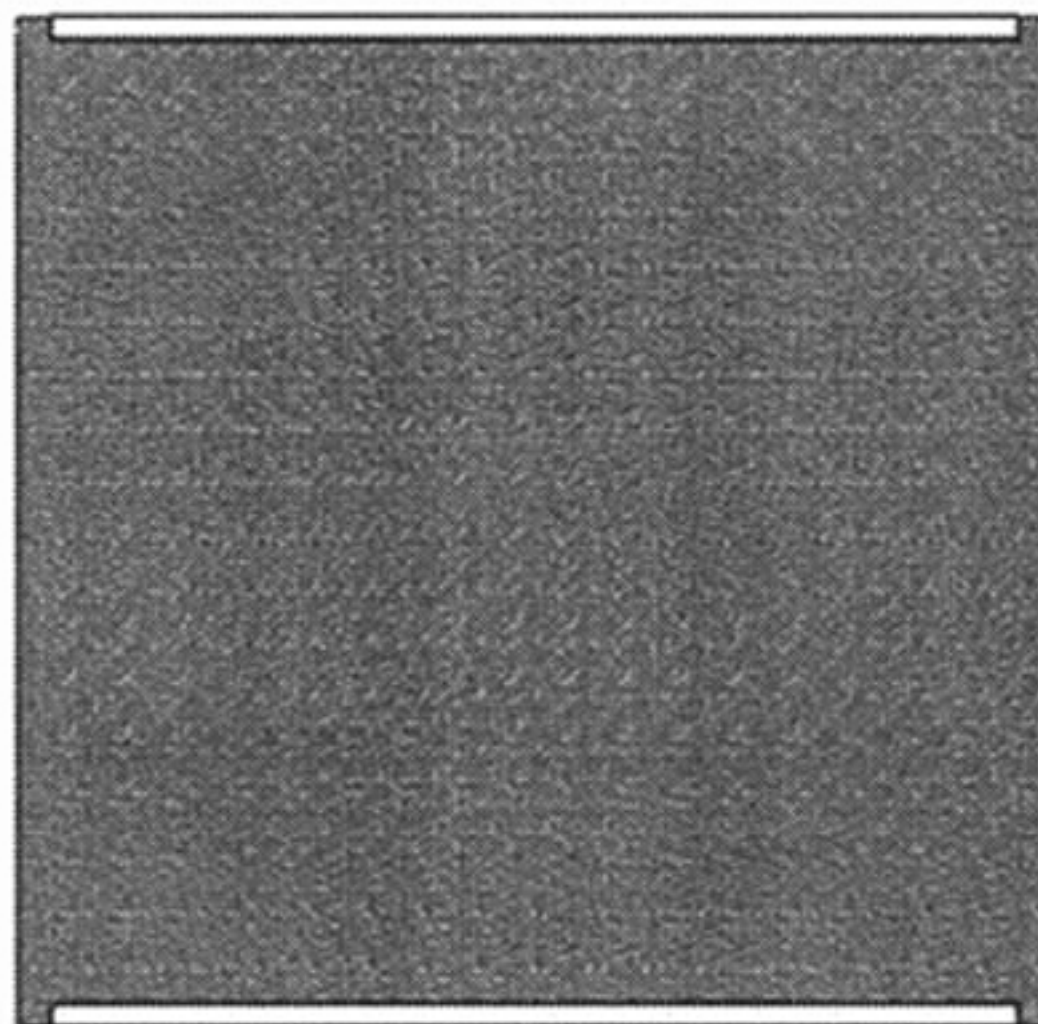
1. Cut Panel to finish height required.

*i.e. For a 48" post height, finish height of panel required is 48".*

### **Width of Panel:**

2. Cut Panel to width required. Seal & paint cut surface.

*i.e. For 48" c-c trailer pockets, finish width of panel required is 48" and cut required is 47 5/8".*



### **Width of Guards:**

3. Cut 2 top guards 3" smaller than the finish panel width. Seal & paint cut surface.

*i.e. For a finish 47 5/8" width of panel cut guards at 44 5/8"*

### **Installation of Guards:**

4. Press the guards in place with a plastic hammer, having the panel standing up on a level surface.

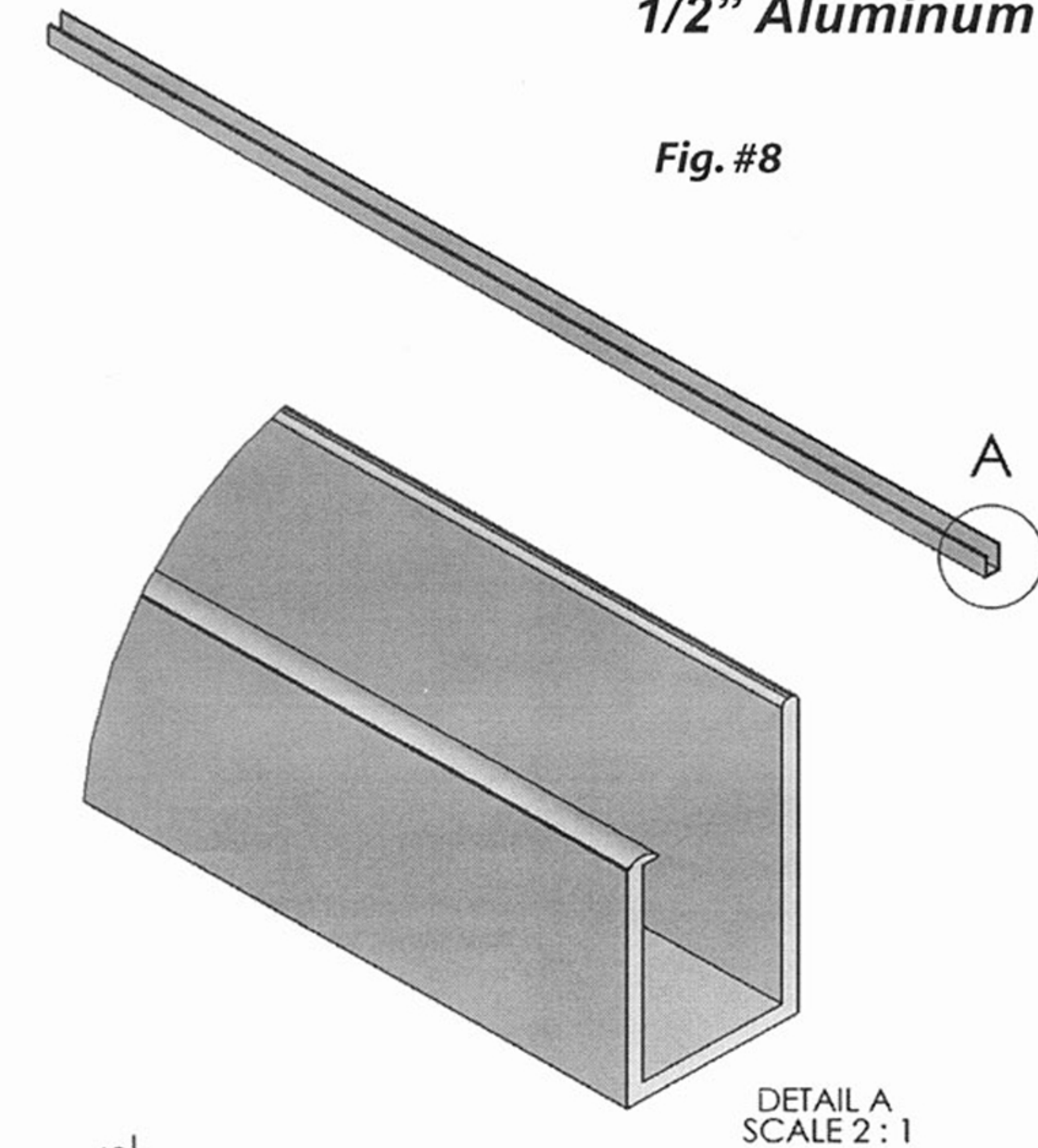
### **WARRANTY DISCLAIMER:**

*Panels are subject to damage if dropped on their corner, which will null and void warranty.*

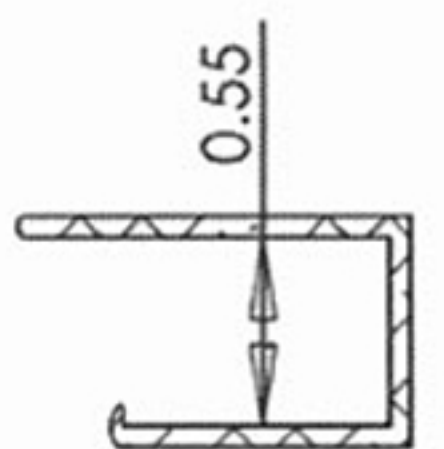
*DO NOT hang hooks w/chains, binders, or any other cargo equipment over the top of the guard. All warranties will be null and void.*

# 1/2" Aluminum Guard

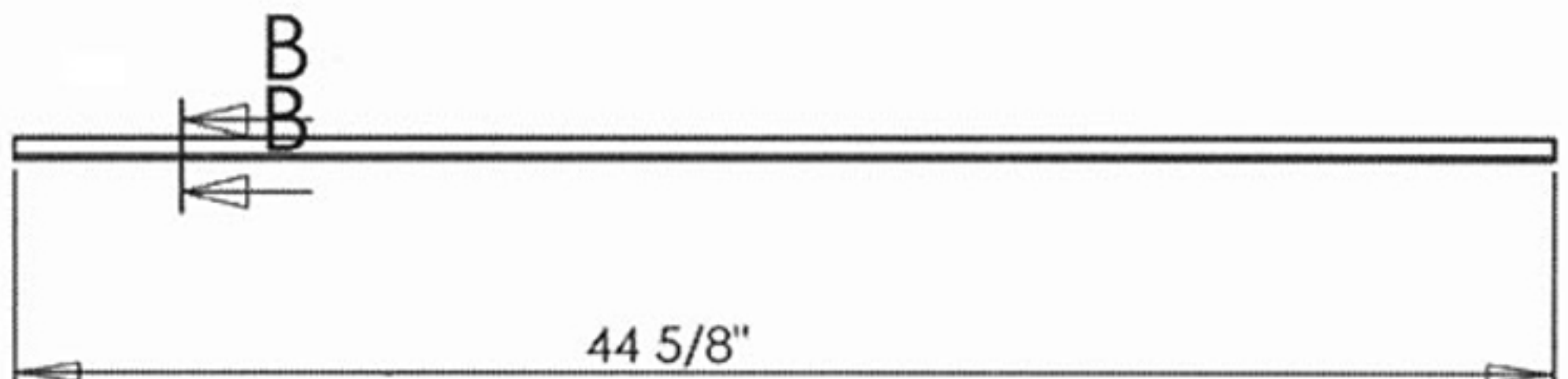
Fig. #8



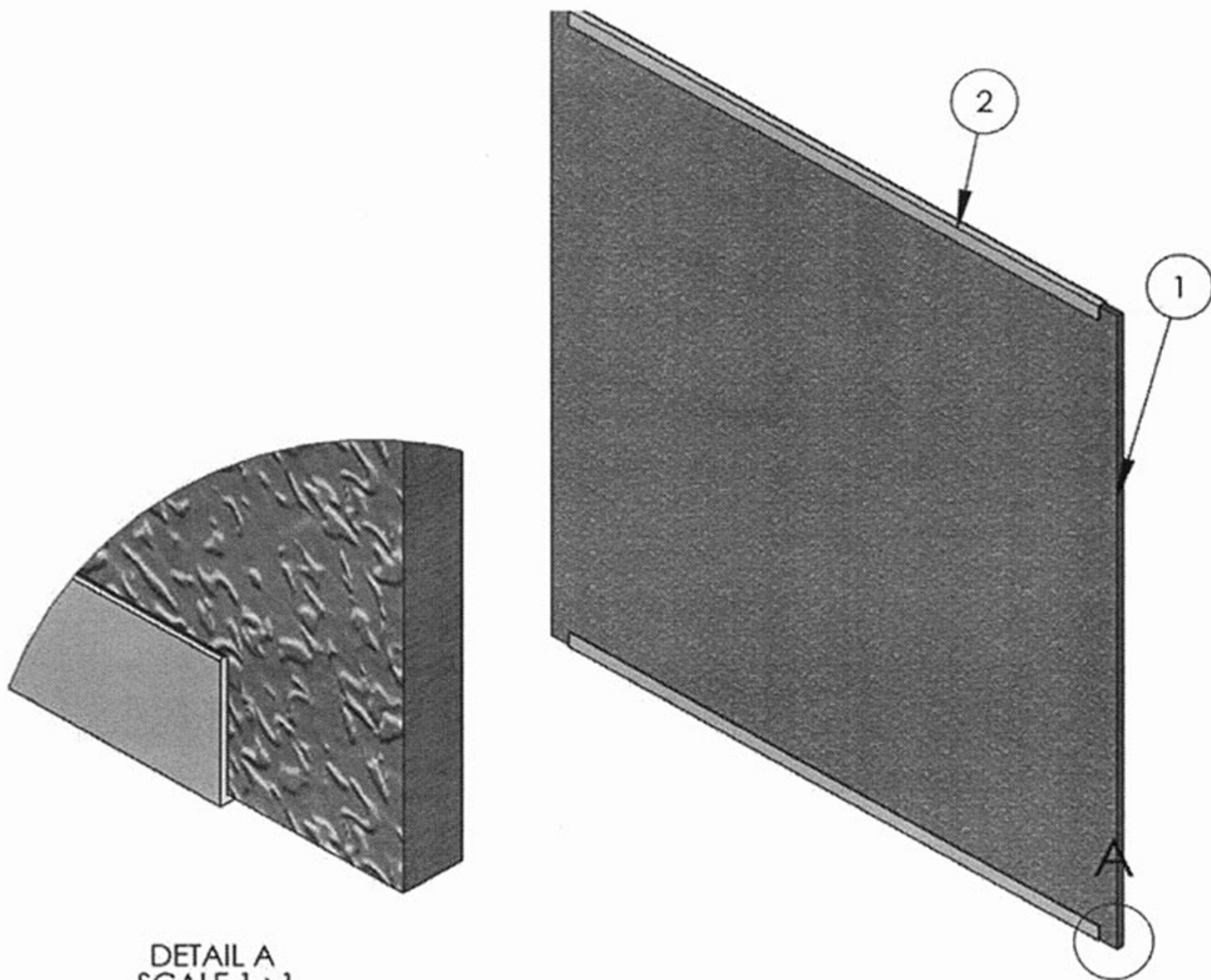
DETAIL A  
SCALE 2 : 1



SECTION B-B  
SCALE 1 : 1







DETAIL A  
SCALE 1 : 1

ITEM NO.	DESCRIPTION	PART NUMBER	QTY.
1	PANEL-FRP1-48x48.	0100-00044-RM	1
2	ALUMINUM 1/2" GUARD	0105-01800-FA	2

# **Working Procedure for Custom size Panels**

## **"Plywood 5/8" with 5/8" Aluminum Guard"**

**See Fig. # 9**

### **Height of Panel:**

1. Cut Panel to finish height required.

*i.e. For a 48" post height, finish height of panel required is 48".*

### **Width of Panel:**

2. Cut Panel to width required, seal and paint cut surface.

*i.e. For 48" c-c trailer pockets, finish width of panel required is 48" and cut required is 47 5/8".*

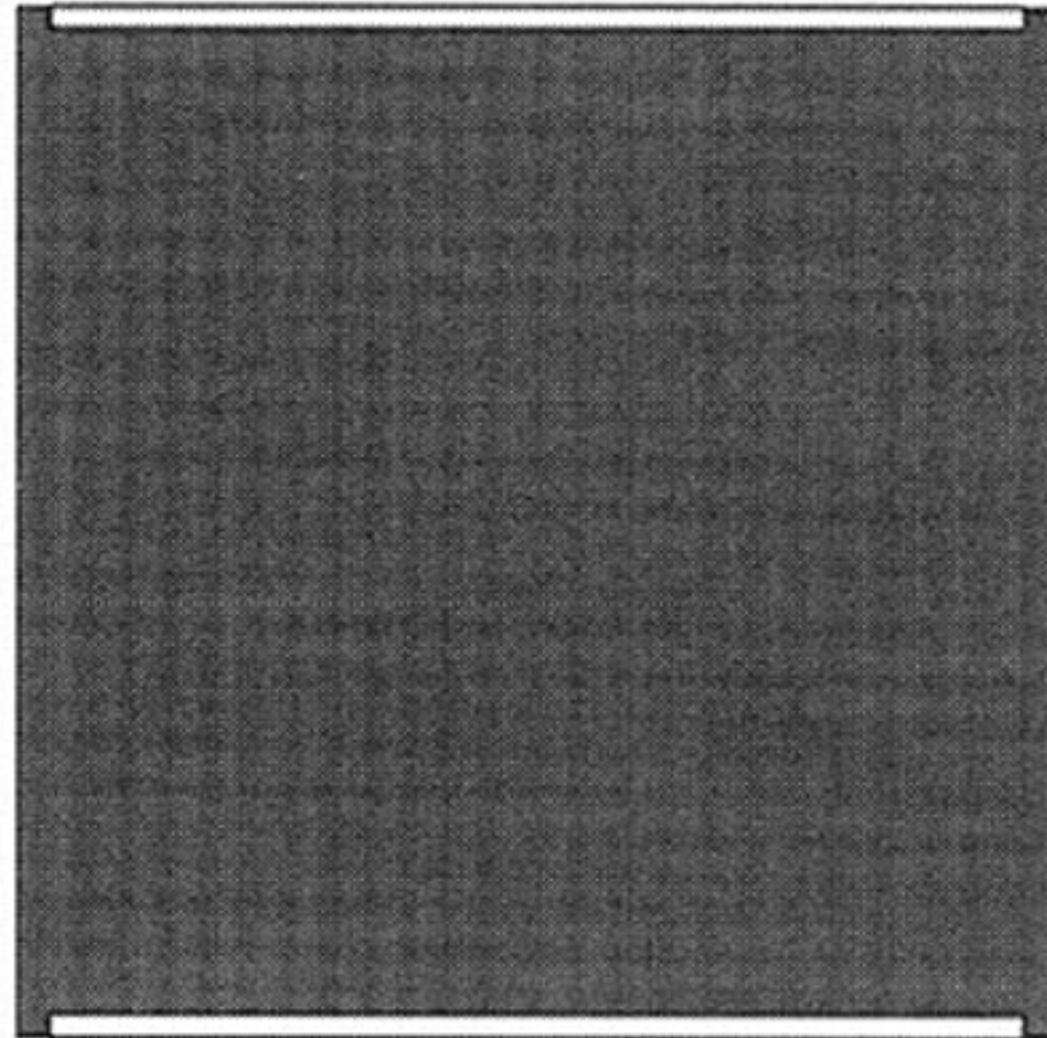
### **Width of Guards:**

3. Cut 2 top guards 3" smaller than the finish panel width, seal and paint cut surface.

*i.e. For a finish 47 5/8" width of panel cut guards at 44 5/8"*

### **Installation of Guards:**

4. Press the guards in place with a plastic hammer, having the panel standing up on a level surface.



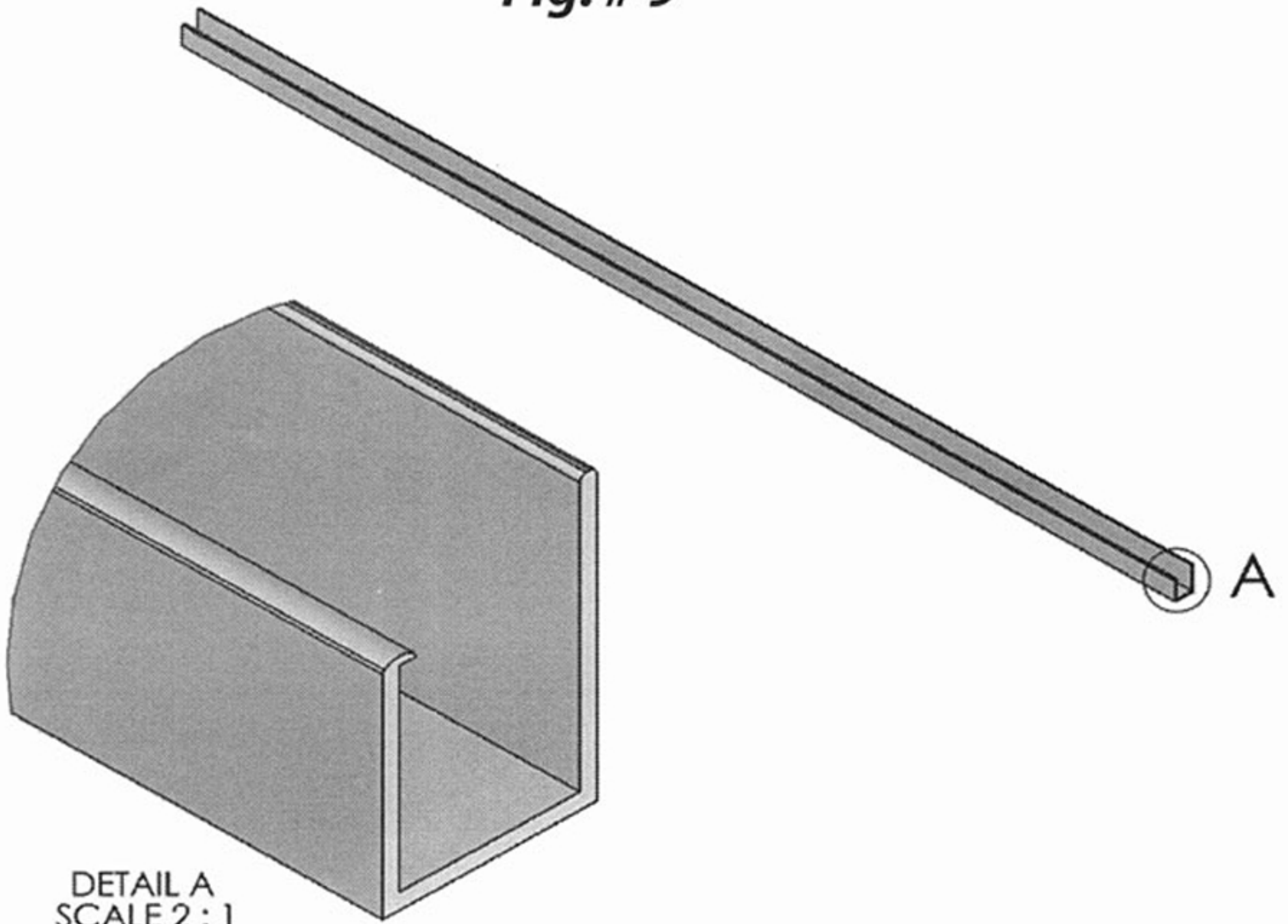
### **WARRANTY DISCLAIMER:**

*Panels are subject to damage if dropped on their corner which will null and void warranty.*

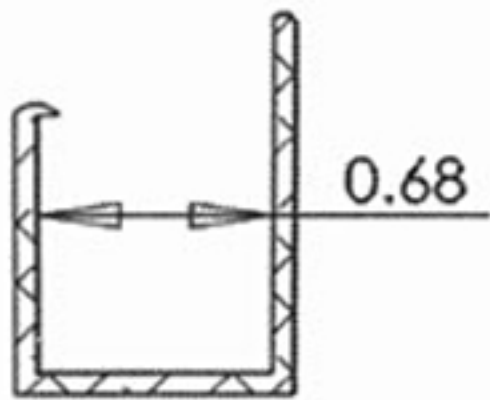
*DO NOT hang hooks w/chains, binders, or any other cargo equipment over the top of the guard. All warranties will be null and void.*



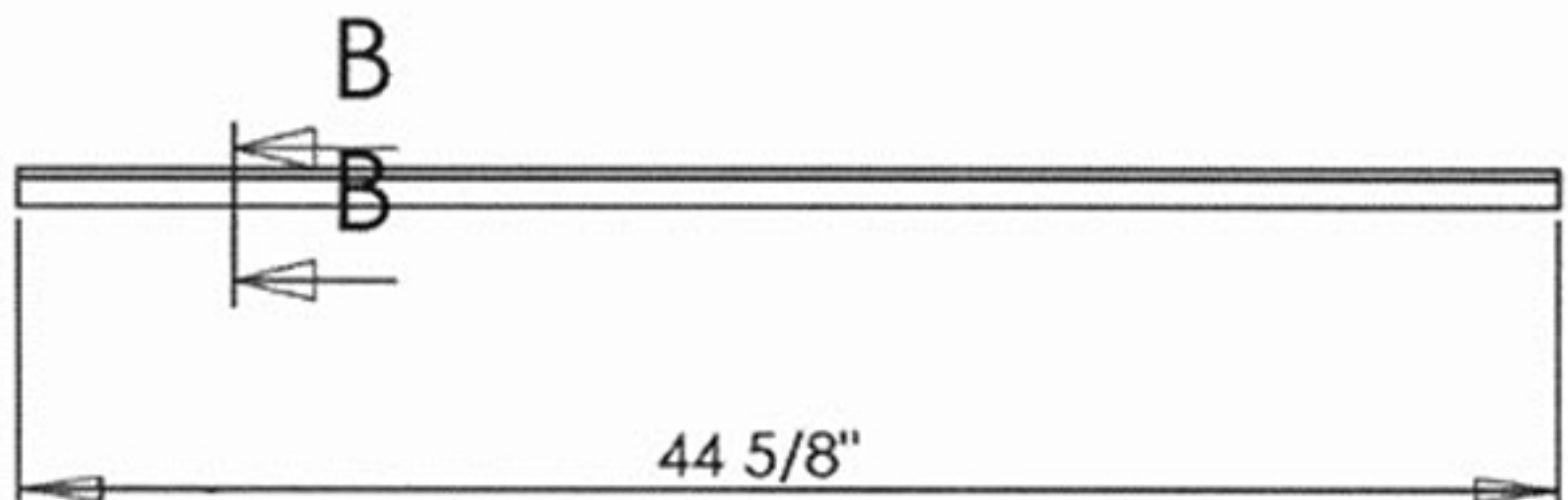
**Fig. # 9**

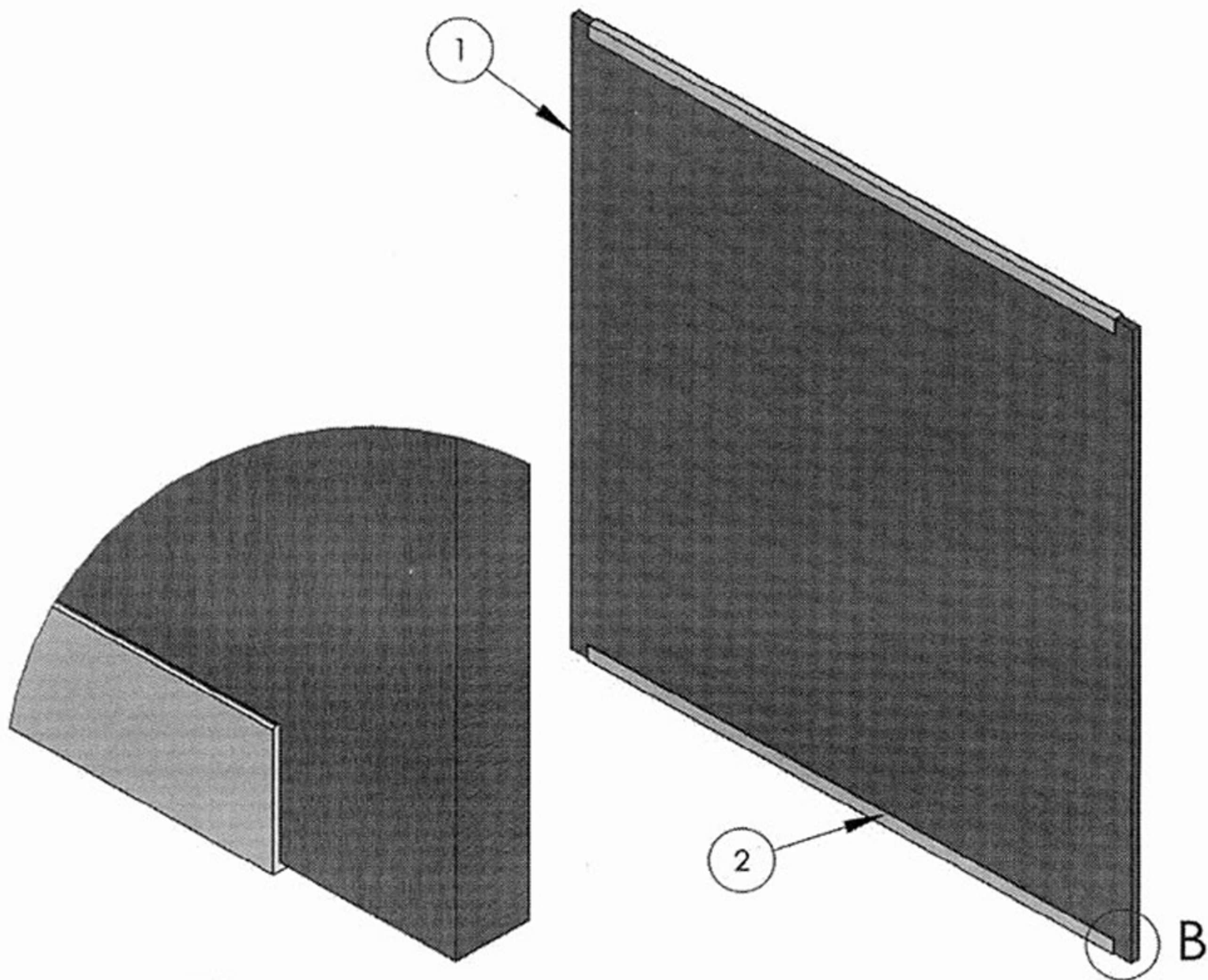


DETAIL A  
SCALE 2 : 1



SECTION B-B  
SCALE 1 : 1





DETAIL B  
SCALE 1 : 1

ITEM NO.	DESCRIPTION	PART NUMBER	QTY.
1	Panel-PLYWOOD-5/8"-48"X48"	0105-01141-FA	1
2	ALUMINUM 5/8" GUARD	0105-01801-FA	2



## Limited One Year Warranty

*LCS Tarp System comes with a standard One Year Limited Warranty against all manufacture defects. Aero-Kit Industries reserves the right in determining the nature of the warranty issue. Upon the manufacturer's authorization, the following warranties shall apply.*

- Any parts or materials used in the assembly of the **LCS** which are found to be defective will be replaced at no charge.
- Any labour required to install defective parts will be covered by Aero-Kit Industries for a period of one year from the In Service Date of the system. Labour will be performed at **LCS** or at an authorized service and repair facility. No labour will commence until written authorization is provided by Aero-Kit Industries and scheduled in accordance with current service schedules. Designated customer repair or service facilities can be authorized to carry out the repair work under the authorized guidelines as set forth by the manufacturer at the pre-determined cost allowance.
- If the Side Kit was originally purchased through a trailer dealer, any warranty claim must first be reported by the end user to the OEM. **LCS** Burlington, Ontario Canada prior to any work being performed.
- Any unauthorized repairs or alterations performed will automatically null and void any and all **LCS** Industries Warranties.
- Any freight charges associated with shipping of specified parts in accordance to the warranty policy shall be prepaid at the manufacturer's expense.
- Any freight charges associated with having the installed Side Kit returned for authorized warranty work will be at the sole expense of the transportation company.

### **Warranty is non-transferable**

For all component warrantees beyond one year **labour is not included**.  
Damaged components must be fully replaced to honour extended warranty.  
Failing to follow operating and maintenance instructions could void any and all warranties.

**To ensure the maximum life expectancy of all **LCS** Side Kit Systems, the following criteria is set forth as a guideline:**

1. Maintaining Quarterly Maintenance programs in accordance with **LCS** Industries Maintenance recommendations.
2. Avoiding operational hazards and conditions.
3. Proper driver and company orientation on maintaining the **LCS** Side Kit.

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***Thank You For Purchasing  
a Side Kit  
Tarpaulin System***

***1-800-465-TARP***

