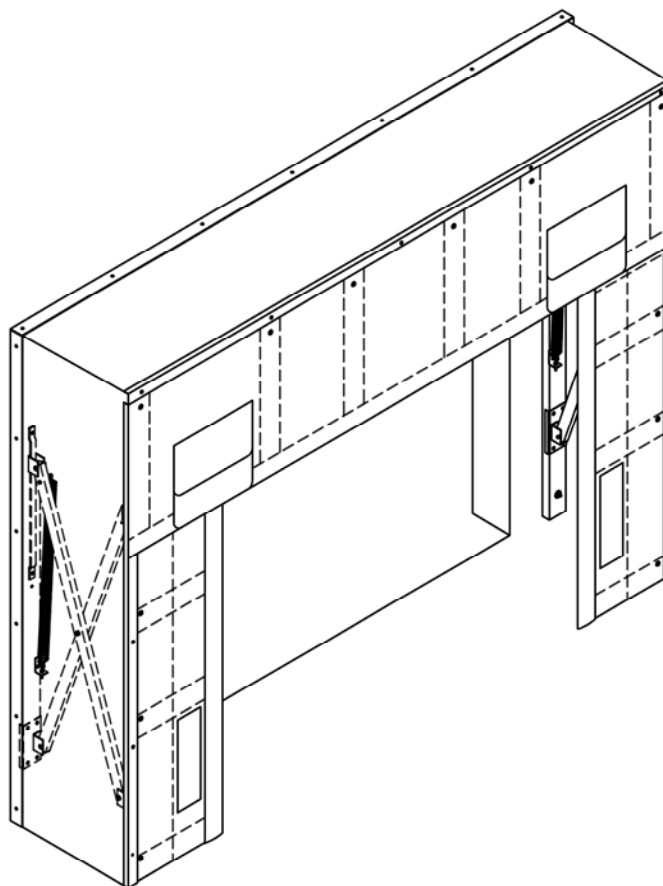


## SERIES 0501 - RETRACTABLE TRUCK SHELTER FOR WOOD FRAME INSTALLATION INSTRUCTIONS

Read all instructions before installing door. Super Seal Mfg. Ltd. will not be held responsible for improper installation of anchoring devices, or for installation into aged or unsound concrete, concrete block, or other wall or floor material which may result in premature product wear, product failure, property damage, or personal injury.





## SERIES 0501 - RETRACTABLE TRUCK SHELTER INSTALLATION LISTS

THE FOLLOWING LISTS COVER BASIC INSTALLATION, INCLUDING SOME OPTIONS.

No.	Components Required (per Unit)	Qty.
1	Vertical Inward Panels	2
2	Header Panel	1
3	Vertical Frames (Scissor Assembly)	2
4	Front Header Cross-Member	1
5	Rear Header Cross-Member	1
6	Top Projection Material	1
7	Vertical Projection Material	2
8	1" Galvanized Trim - Flat Bar	3
9	Trim Angle	3
10	Bottom Draft Flaps (Optional)	2
No.	Hardware Required (per Unit)	Qty.
10	3/8" x 3" Sleeve Anchors	12
11	Roofing Nails (07-0510)	60
12	#14 x 1-1/2" Flat Quad Screws (07-0155)	60
13	3/8" Washers (07-0090)	60
14	Wind Straps (24" Bungee)	4
15	Installation Instructions	1

No.	Recommended Tools	Qty.
1	Measuring Tape	1
2	Plumb Line or Level	1
3	Pencil or Marker	1
4	Square	1
5	Power Drill	1
6	#3 Robertson Driver Bit	1
7	3/8" Hex Head Driver Bit	1
8	Hammer Drill	1
9	3/8" Masonry Drill Bit	1
10	Hammer	1
11	1/2" Wrench	1
12	Caulking Gun	1
13	Caulking - Outdoor Acrylic Type	

### Bottom Draft Flap Option

No.	Recommended Tools	Qty.
1	3/8" x 1 7/8" Sleeve Anchors	4
2	#14 x 1-1/2" Flat Quad Screws	6
3	3/8" Washer	6
4	24" Bungee Cord	2
5	Bottom Draft Pad (Left)	1
6	Bottom Draft Pad (Right)	1



## SERIES 0501 - RETRACTABLE TRUCK SHELTER INSTALLATION INSTRUCTIONS

READ ALL INSTRUCTIONS BEFORE INSTALLING SHELTER. SUPER SEAL MFG. LTD. WILL NOT BE HELD RESPONSIBLE FOR IMPROPER INSTALLATION OF ANCHORING DEVICES, OR FOR INSTALLATION INTO AGED OR UNSOUND CONCRETE, CONCRETE BLOCK, OR OTHER WALL OR FLOOR MATERIAL WHICH MAY RESULT IN PREMATURE PRODUCT WEAR, PRODUCT FAILURE, PROPERTY DAMAGE, OR PERSONAL INJURY.

### 1. Check Order

#### a. Measure door opening height and width.

Make sure dimensions match the Purchase Order.

**Make sure there is enough space to install shelter** (Figure 1 - Standard Unit).

\* Check for existing:

- dock seals
- bollards or obstacles
- lights and conduit
- drains.



**MAKE SURE THERE IS ENOUGH SPACE  
BETWEEN THE DOOR OPENING TO INSTALL THE  
SHELTER FRAMES.**

Standard units are designed for a 48" dock height, level approach.

b. **Check Components and Hardware Supplied List.** Make sure all components and hardware are present.

c. **Check Recommended Tools List.** Make sure all recommended tools are available.

d. **Determine method of mounting shelter to wall.**

- Super Seal supplies 3/8" sleeve anchors with the shelter. **The customer must supply any other mounting hardware.**

- **Concrete Block, Precast Concrete, or Brick wall:** Use supplied sleeve anchors. If anchors will not hold, use 3/8" threaded rod for through-bolt (not supplied).

- **Metal Siding:** Use 3/8" threaded rod for through-bolt fastening with steel or wood backup plate (not supplied).



**WELDING THE SHELTER TO THE WALL  
IS NOT RECOMMENDED.**

## 2. Prepare Dock Door Opening

- a. **Measure and mark center** of dock door opening (Figure 2).
  - \* Mark centerline on dock floor.
  - \* Mark centerline on lintel above door.
  - (Extend line to 138" above dock floor.)
  - \* **Make sure marks are plumb** to each other.
- b. **Draw a level line** even with the dock floor along both sides of dock face.
- c. **Measure Head Frame width** and divide by 2.
- d. **Mark Vertical Frame positions.**
  - \* **Measure 1/2 the Head Frame width** from dock floor centerline to one side of level line.
  - \* **Mark.**
  - \* **Repeat** for other side.

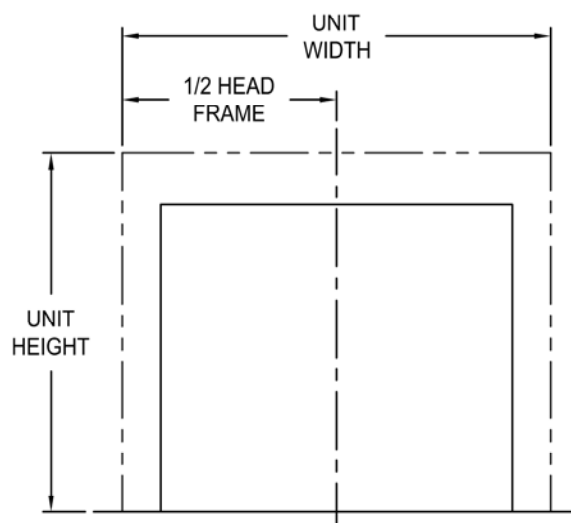


fig. 1

3. **Determine left and right vertical frames:** The vertical frame should be mounted in a manner which allows the spring assembly to be positioned at the top inside edge "Close to the door opening" (fig. 2).

4. **Determine left and right vertical panels:** The foam bead and yellow guided stripe should be at the leading edge (fig. 3).

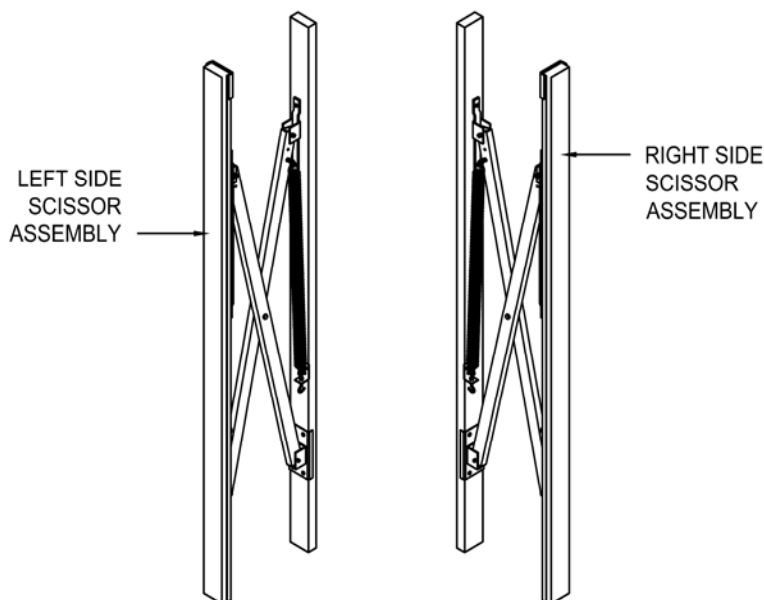


FIG. 2

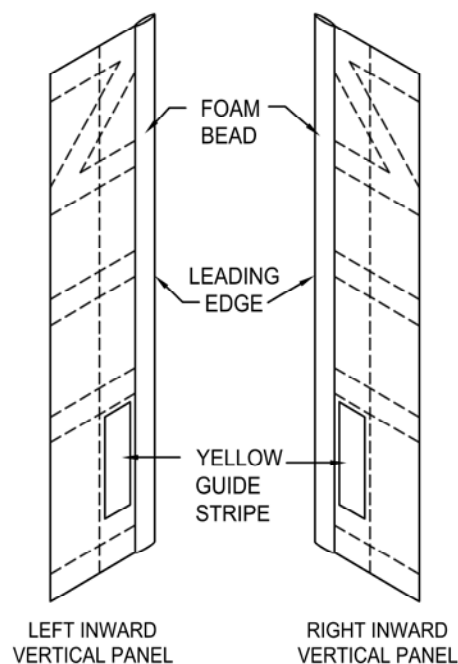
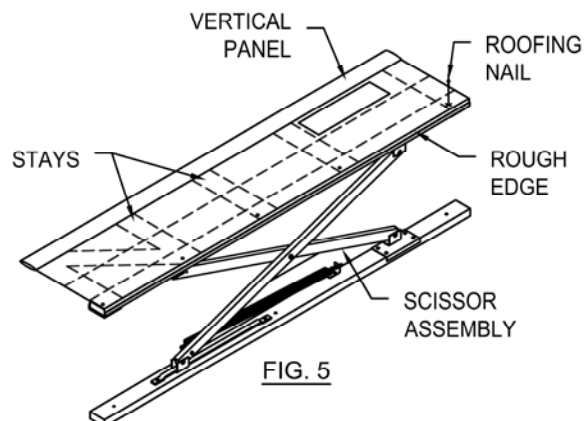
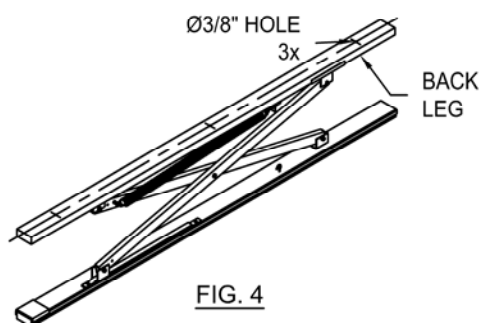


FIG. 3

5. Mark and drill holes for 3/8" sleeve anchor bolts: Position scissor assembly so that the mounting surface is facing up. Mark at center and in from each end of each vertical frame. Mark and drill holes for 3/8" sleeve anchor bolts (fig. 4).



6. Assemble vertical panels to vertical frames:



**ALWAYS MOUNT PANEL FROM THE BOTTOM UP, ENSURING A TIGHT FIT.**

- \* Flip scissor assembly over so that the front surface is facing up.
- \* Position vertical panel so that the rough edge is flush with the outer edge of the scissor assembly (fig. 5).
- \* Using roofing nails, nail beside each stay.
- Nail within 2" of edge (fig. 5).
- \* Attach angle trim using #14 screw with 3/8" washer.

#### 7. Mount vertical frames to wall:

- \* Position vertical frames on wall so that the outside edge is flush with the vertical lines from fig. 1, and that bottom edge is flush with the floor (fig. 6).
- \* Be sure that frames are plumb from top to bottom.
- \* Using 3/8" concrete drill bit, drill designated holes.
- \* Insert 3/8" sleeve anchors and tighten with 1/2" socket wrench (fig. 6).

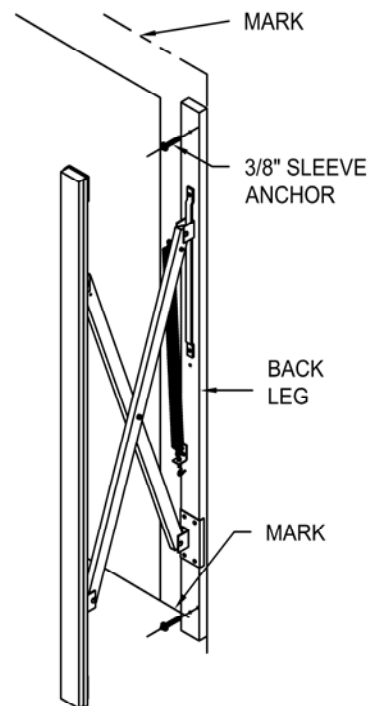


FIG. 6



**THE SCISSOR EXTENSION ARMS MAY EXTEND FORWARD WHEN MOUNTING THE VERTICAL FRAMES. USE CAUTION WHEN MOUNTING THE FRAME.**

## 8. Mount rear header cross member:



**THIS IS JUST A PLAIN 2X4  
WITH NO STEEL TONGUE  
ATTACHED**

- \* Lay rear header cross-member on floor and mark mounting holes with one (1) at center and one 12" in from each end (fig. 7).
- \* Position rear header cross-member into place (figure 8).
- \* Using 3/8" concrete drill bit, drill designated holes.
- \* Insert 3/8" sleeve anchors and tighten with 1/2" socket wrench (fig. 8).

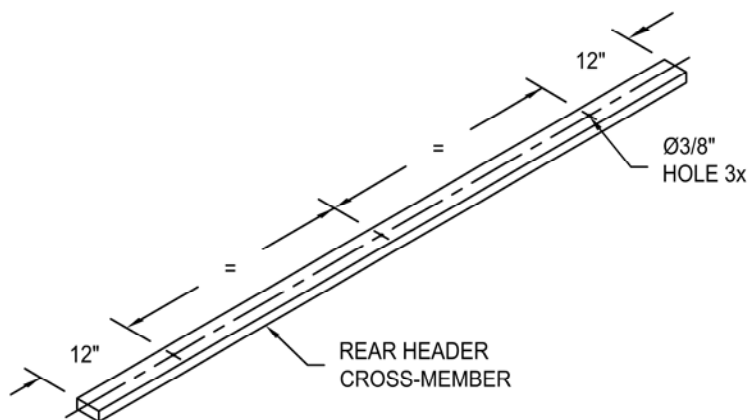


FIG. 7

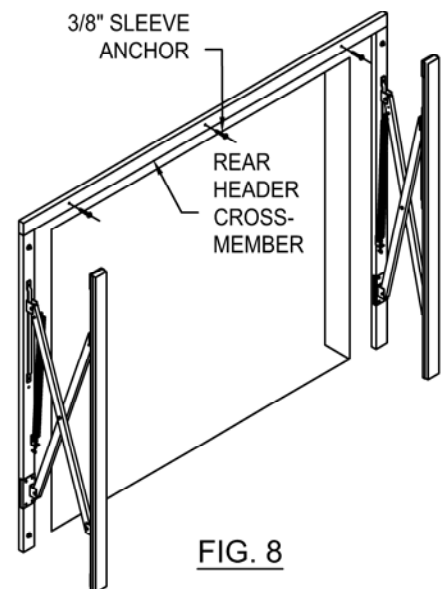


FIG. 8

## 9. Attach front header cross-member:

- \* Connect front header cross-member to left and right verticals by sliding tongues at each end of front header cross-member into slots at top end of verticals (fig. 9).

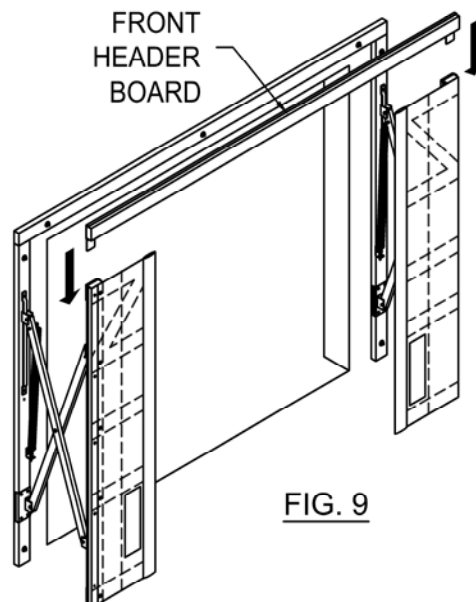


FIG. 9



**10. Attach header curtain to frame: Mount curtain starting from the center and working outwards to ensure a tight fit.**

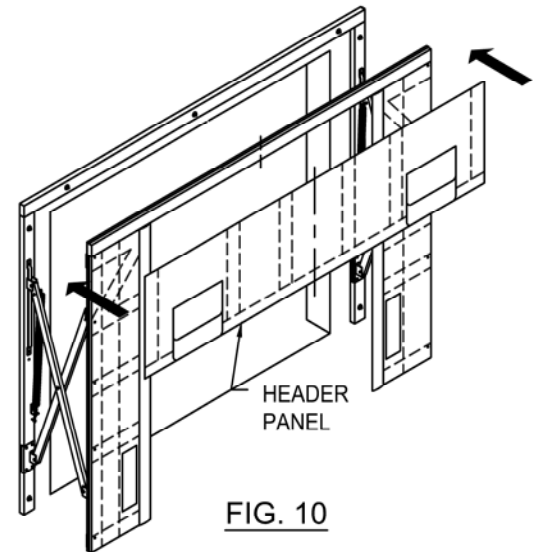
- \*Using roofing nails; attach header curtain from center and work outwards by nailing beside each stay (fig. 10).
- \* NAIL TOP EDGE ONLY!



**PROJECTION MATERIAL TO BE ATTACHED LATER.**

**11. Attach projection material: Prior to attaching the projection material, release retraction arm to the desired projection.**

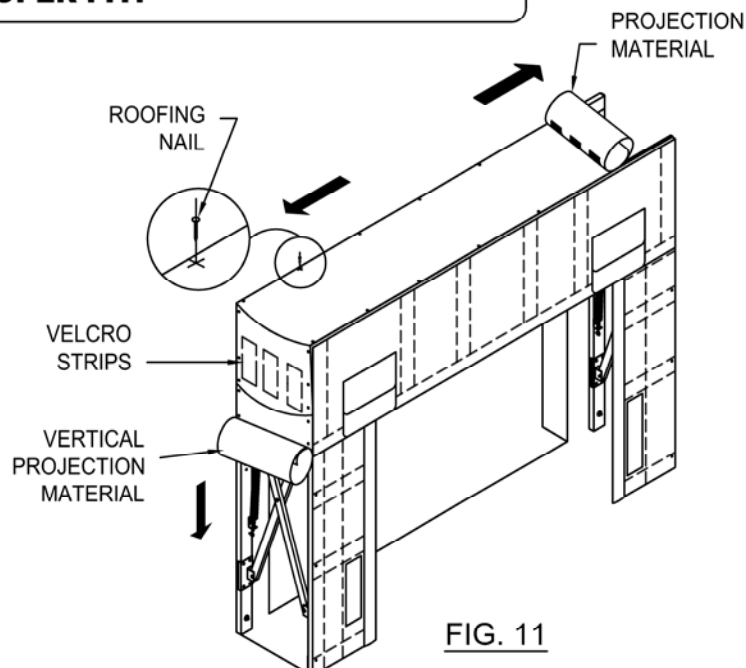
- \* Connect Velcro strips of top projection material to velcro strips on vertical projection material (fig.11)
- \* Vertical material starts at the top edge of the header.
- \* Projection material overlaps vertical projection material (fig 11).
- \* Nail or staple fabric to wood frame, ensuring a proper fit.



**FIG. 10**



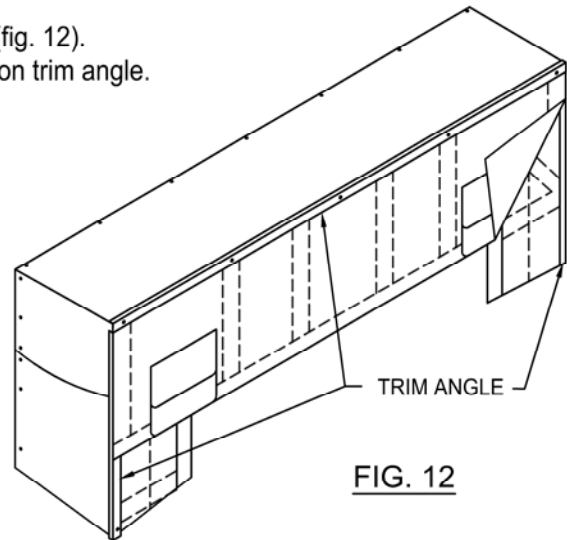
**PROJECTION MUST OVERLAP HEAD CURTAIN. ALWAYS ENSURE A PROPER FIT.**



**FIG. 11**

**12. Mount trim angle to head curtain:**

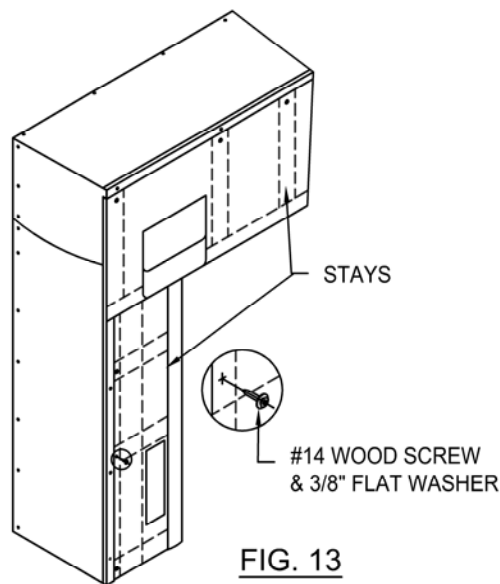
- \* Position trim angles over top edge of head curtain (fig. 12).
- \* Tighten with wood screws through predrilled holes on trim angle.



**FIG. 12**

**13. Secure stays for vertical panels and head curtain:**

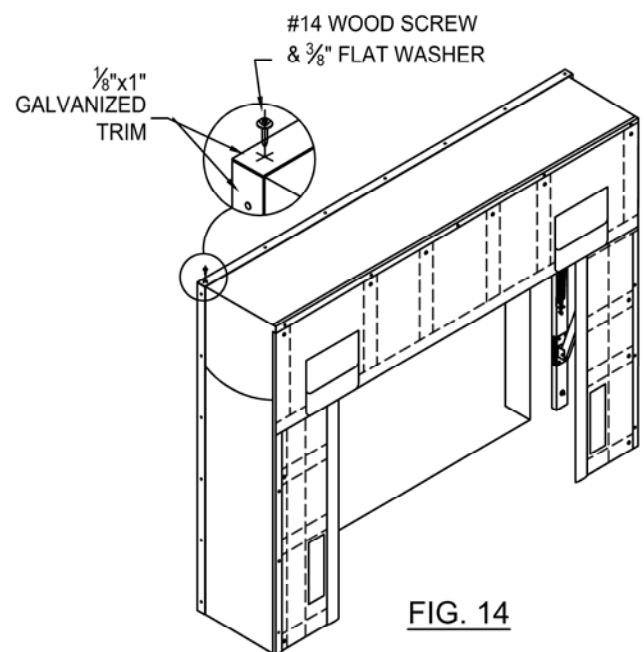
- \*Using wood screws along with 3/8" flat washers; fasten vertical panels and header curtain by screwing through the center of each stay, close to the trim angle (fig. 13).



**FIG. 13**

**14. Mount 1/8"x1" Galvanized trim:**

- \*Fasten the 1/8"x1" galvanized trim flush with the outside frame of the unit and building wall, using #14 Wood Screws and 3/8" Washers (fig. 14).



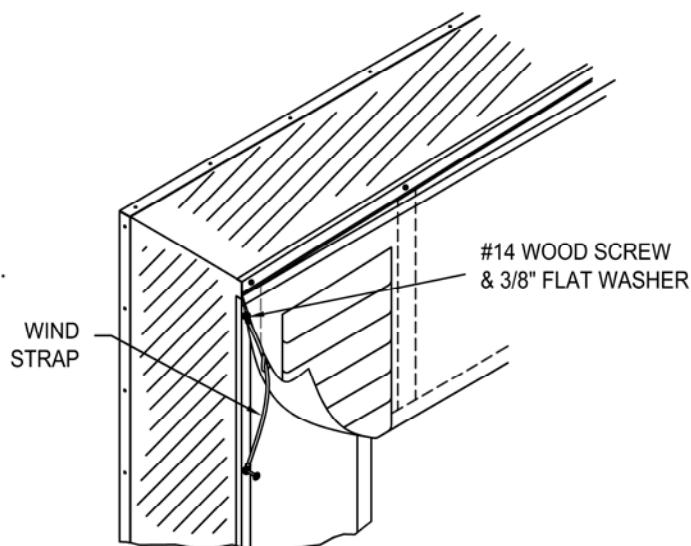
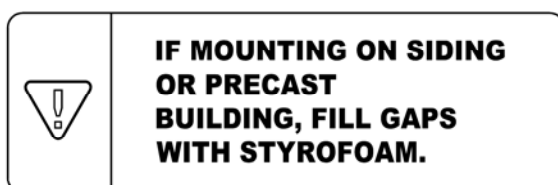
**FIG. 14**



**15. Attach head curtain wind straps to side frames:**

- \* Secure wind straps with # 14 Wood screws and  $\frac{3}{8}$ " flat washers (fig. 15).
- \* Bungee must be snug.

**16. Caulk between head frame and wall: Outside only.**



**FIG. 15**

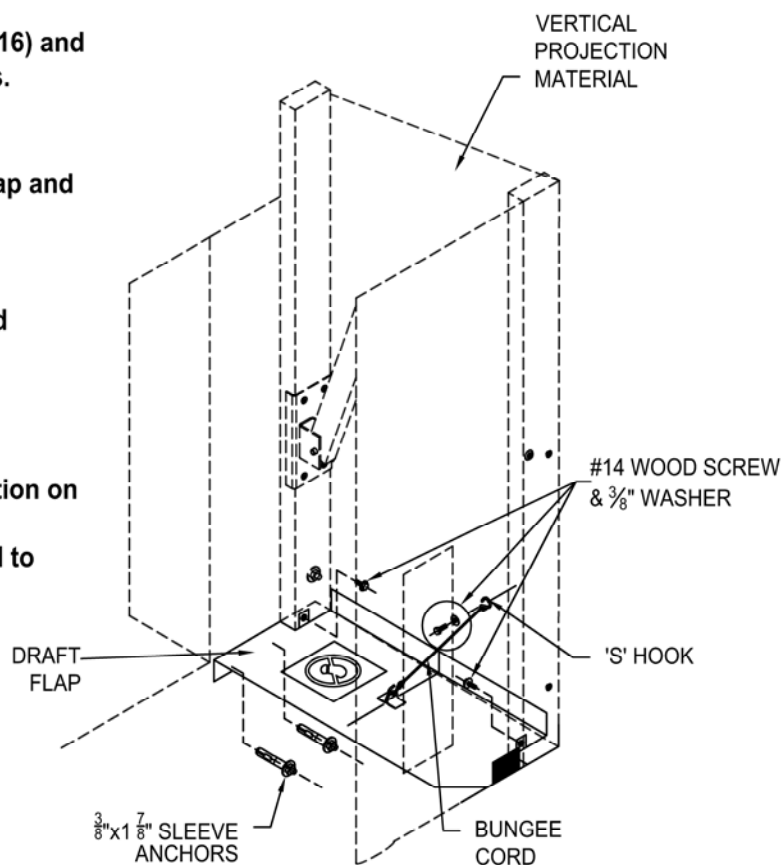
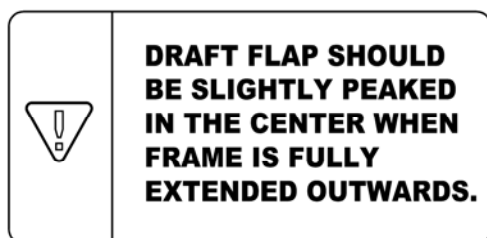
**16. Draft Flap Option.**

**a. Install draft flap.**

- \* Place draft flap into place (as shown in fig. 16) and use grommeted holes to mark hole locations.
- \* Using  $\frac{3}{8}$ " concrete drill bit, drill 2 holes into concrete.
- \* Insert sleeve anchors through main back flap and into wall, tighten with wrench.
- \* Use wood screw &  $\frac{3}{8}$ " washer to fasten back tab to vertical frame member.
- \* Attach velcroed tab on draft flap to velcroed section of inward panel.

**b. Attach bungee cord.**

- \* Unravel bungee cord.
- \* Pull up on cord and locate a fastening position on the front vertical frame member.
- \* Using wood screw and washer, secure cord to frame.



**FIG. 16**

## Care & Maintenance

Some Maintenance is required to keep the Model 501 Shelter operating efficiently. At times it may be necessary to remove snow build-up from on top of the header.

### Inspect

- \* All fasteners used to attach unit to building wall.
- \* All fasteners used on scissor assemblies.
- \* Projection fabric, ensure perimeter of fabric is properly attached to frame perimeter (see installation instruction for proper fit).
- \* Spring tension is sufficient to extend unit.
- \* Header curtain and Vertical panels are correctly attached.
- \* Wind straps are correctly fastened and in working order.

See components parts list for description of replacement parts required or contact your local dealer for more information.

Metal Canopy hoods are recommended for protection of seals and shelters against possible damage from rain, snow, and ice on docks which do not have building projections and/or canopies .

Occasional cleaning of the seal or shelter is recommended. Use a low pressure hose, or damp cloth to wash the unit.