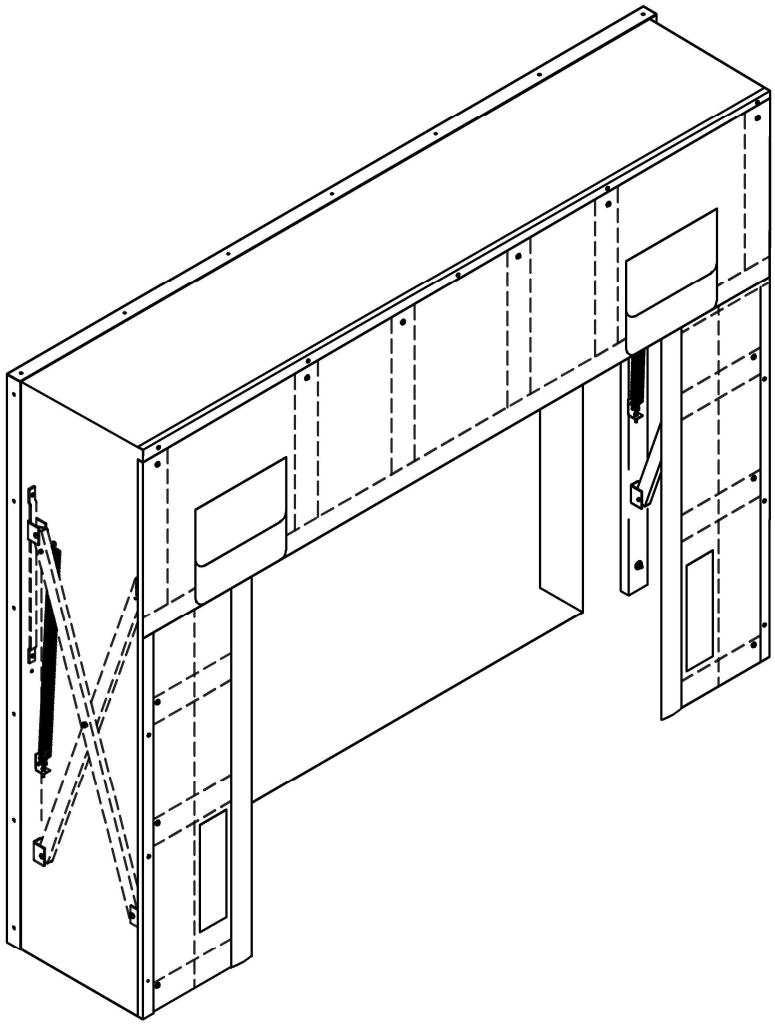
670 Rowntree Dairy Road, Woodbridge, Ontario, Canada L4L 5TB
www.supersealmfg.com Tel: 1.800.337.3239

SERIES 0501 - RETRACTABLE TRUCK SHELTER

INSTALLATION INSTRUCTIONS

STEEL FRAME

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.



MARCH-2023

SERIES 0501 - RETRACTABLE TRUCK SHELTER
INSTALLATION LISTS

THE FOLLOWING LISTS COVER BASIC INSTALLATION, INCLUDING SOME OPTIONS.

No.	Components Required (per Unit)	Qty.
1	Vertical 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	Trim Angle	3
9	Bottom Draft Flaps	2
No.	**Hardware Required (per Unit)**	**Qty.**
10	3/8" x 3" Sleeve Anchors	12
11	#10 x 3/4" Hex-Head Tek Screw (07-0135)	60
12	1/4" flat Washers (12-0110)	60
13	1/4" x 1 1/2" Hex Washer Tek Screw	60
14	3/8" Washers	60
15	Wind Straps (24" Bungee)	4
16	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	3/8" Hex Head Driver Bit	1
7	5/16" 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

No.	Recommended Tools	Qty.
1	3/8" x 1 7/8" Sleeve Anchors	4
2	1/4" x 1 1/2" Hex Washer Tek Screw	6
3	3/8" Washer	2
4	24" Bungee Cord	2
5	Bottom Draft Pad (Left)	1
6	Bottom Draft Pad (Right)	1

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INSTALLATION INSTRUCTIONS

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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

* Check for existing:
  - dock seals
  - bollards or obstacles
  - lights and conduit
  - drains.

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).

2. Prepare Dock Door Opening

a. Measure and mark center of dock door opening (FIG. 1).
- * Mark centerline on dock floor.
- * Mark centerline on lintel above door.
- * Extend line to unit height above dock floor (132" Std.)
- * **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.

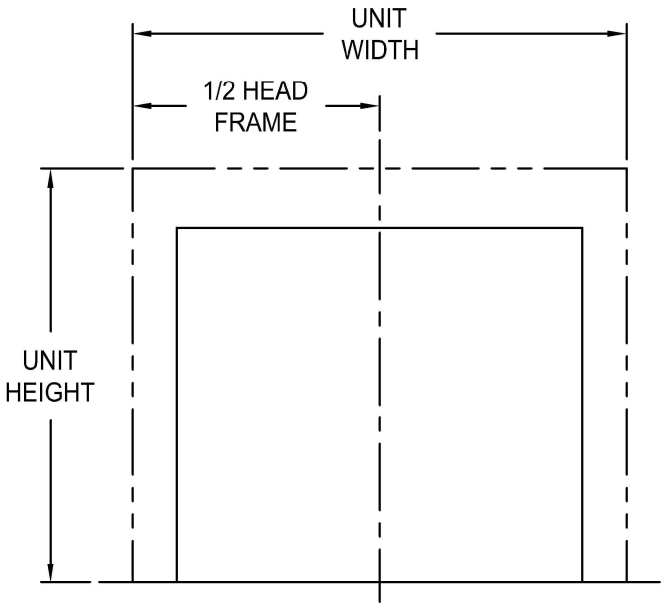


FIG. 1

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).

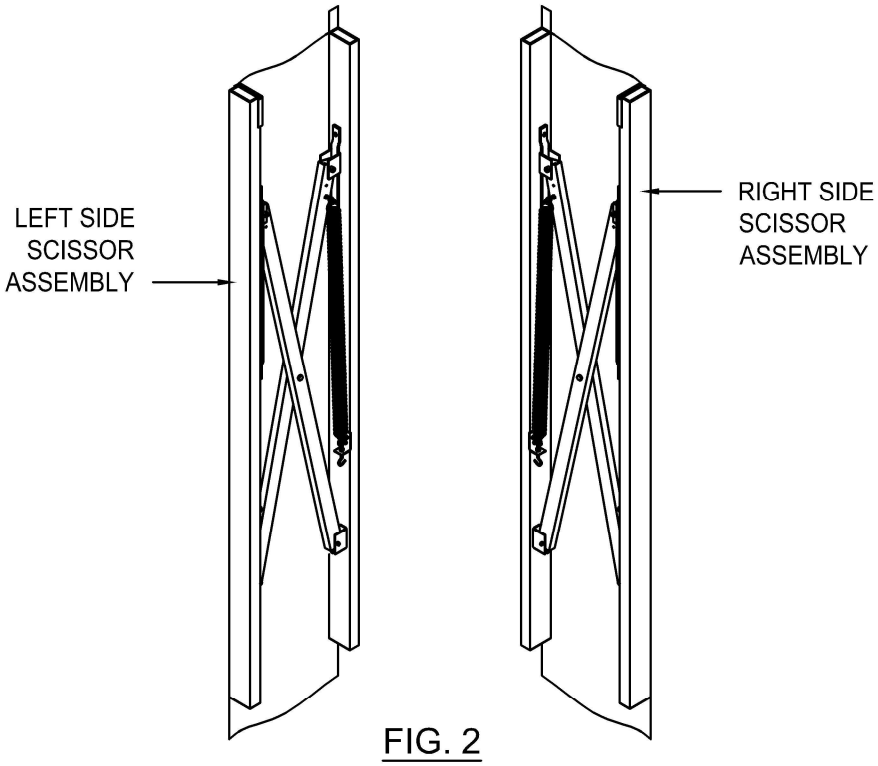


FIG. 2

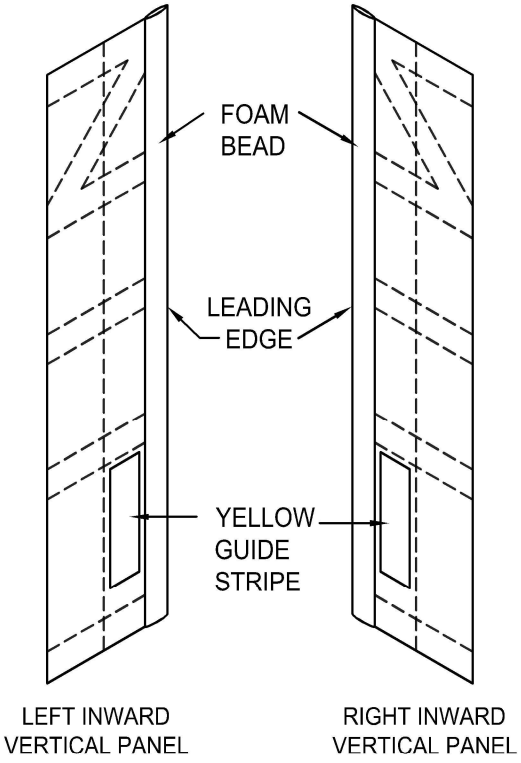


FIG. 3

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).

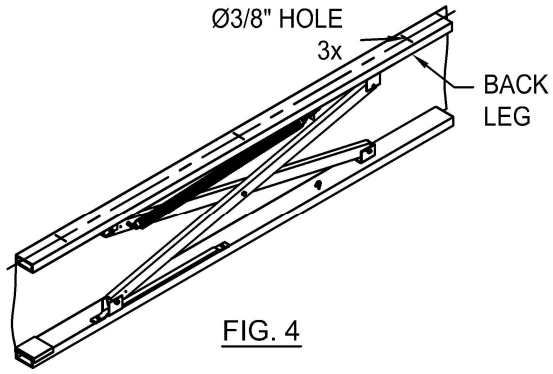


FIG. 4

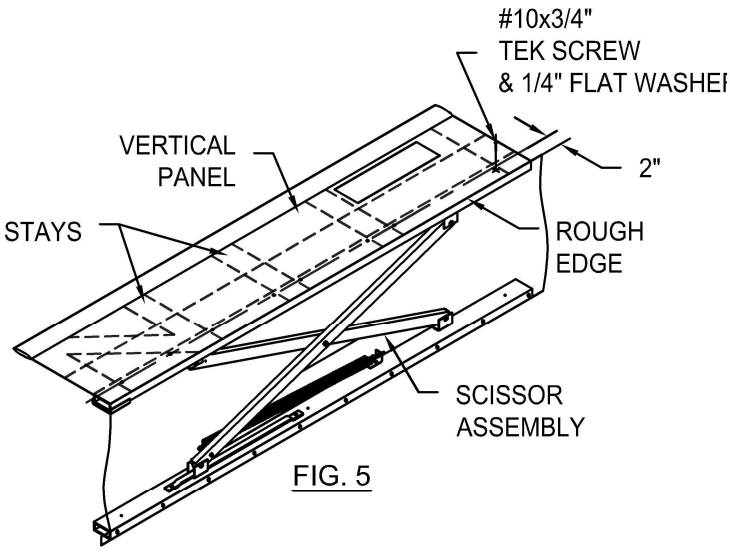


FIG. 5

6. Assemble vertical panels to vertical frames:

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

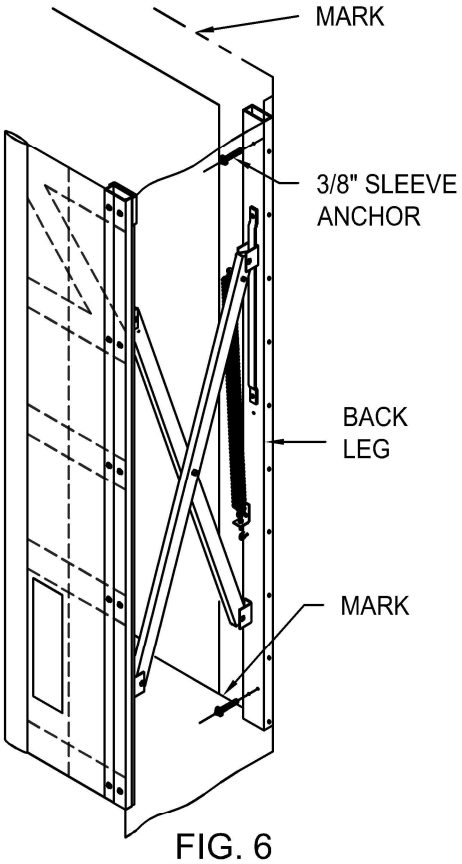


FIG. 6

* Flip scissor assembly over so that the front surface is facing up.
* Remove the trim angle.
* Position vertical panel so that the rough edge is flush with the outer edge of the scissor assembly .
* Using #10 x ¾" hex head tek screws and ¼" washer, screw beside each stay 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.
* 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).

8. Mount rear header cross member:

THIS IS JUST A PLAIN 1" x 3" TUBE 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.
* Using 3/8" concrete drill bit, drill designated holes.
* Insert 3/8" sleeve anchors and tighten with 1/2" socket wrench (FIG. 8).

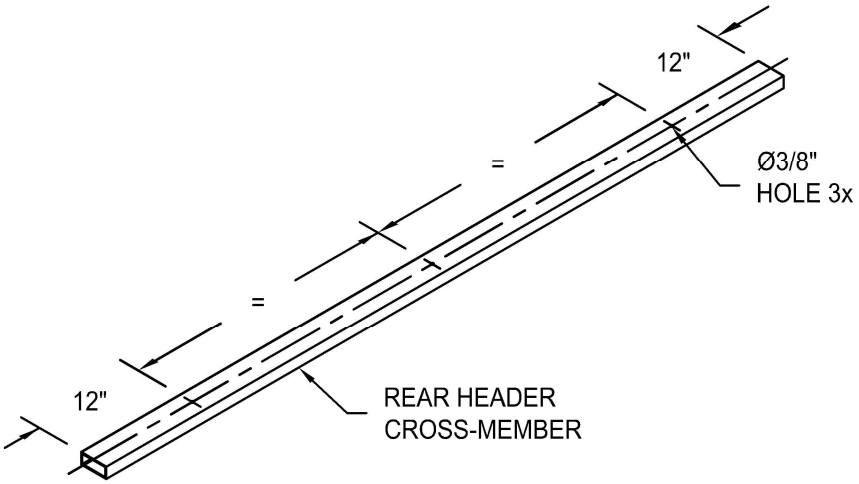


FIG. 7

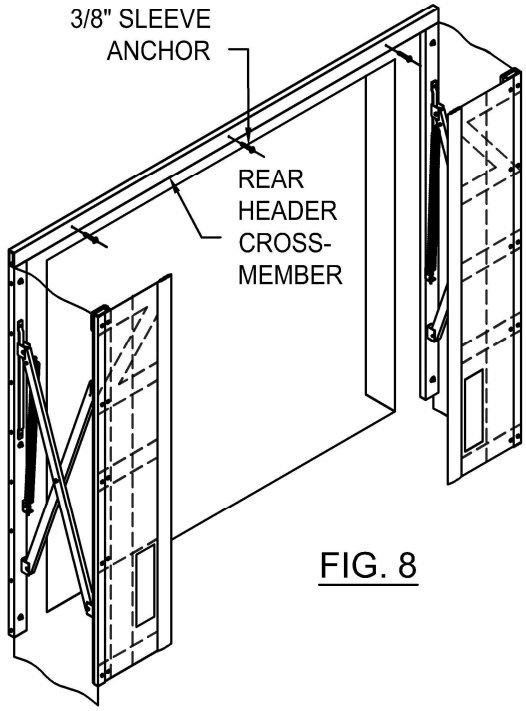


FIG. 8

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).

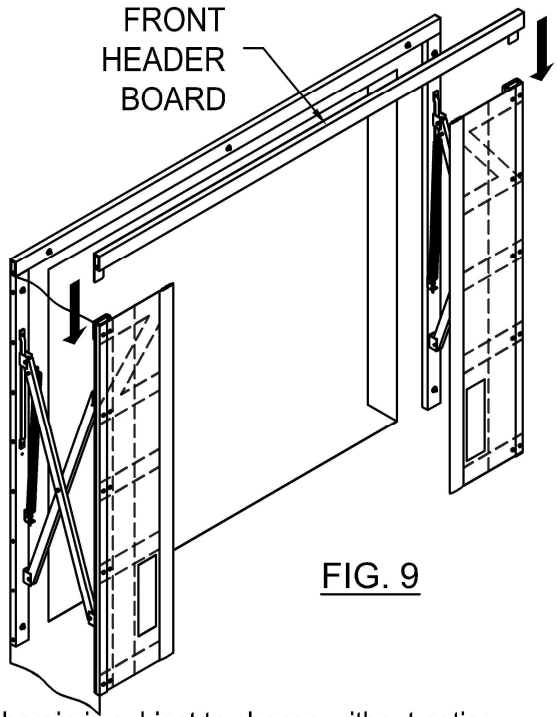


FIG. 9

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

*Using #10x3/4" tek screw and ¼" washers; attach header curtain from center and work outwards by screwing beside each stay (FIG. 10).
* SCREW TOP EDGE ONLY!

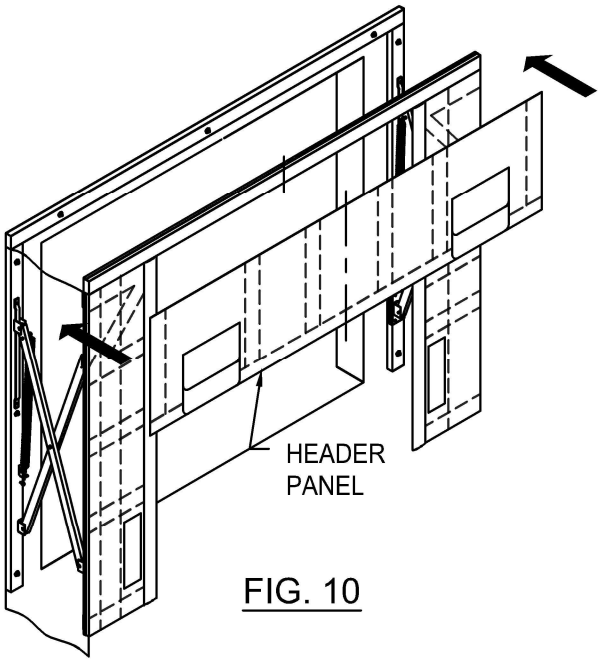


FIG. 10

11. Attach top projection material: Prior to attaching the top projection material, unscrew the top 2 screws on the mounted vertical (FIG. 11)

* screw fabric to steel frame with #10 x 3/4" Hex-head tek screws and ¼" washers, ensuring a proper fit.
* Top projection material overlaps vertical projection material.
* Connect Velcro strips of top projection material to velcro strips on vertical projection material.
* Fasten the vertical flat bar back using the same tek screws and washers including top projection material (FIG. 11).

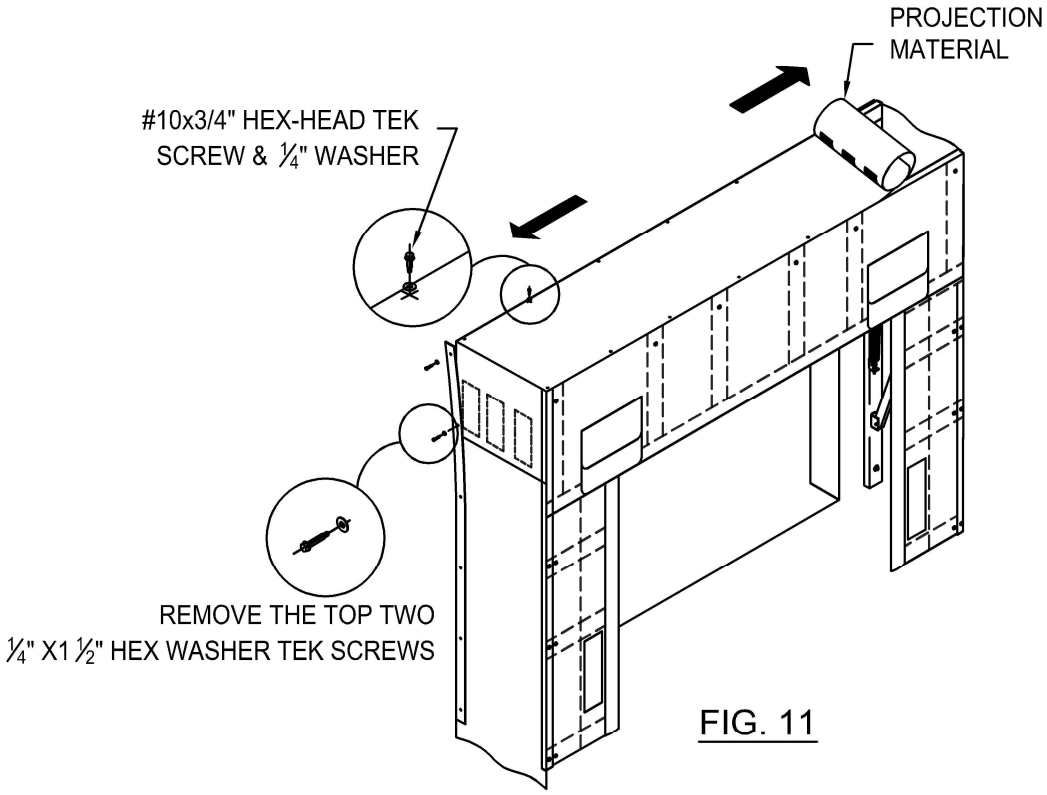


FIG. 11

12. Mount trim angle to head curtain:

* Position trim angles over top edge of head curtain (FIG. 12).
* Secure with 1/4" x 1 1/2" hex washer tek screws and 3/8" washers through predrilled holes on trim angle.

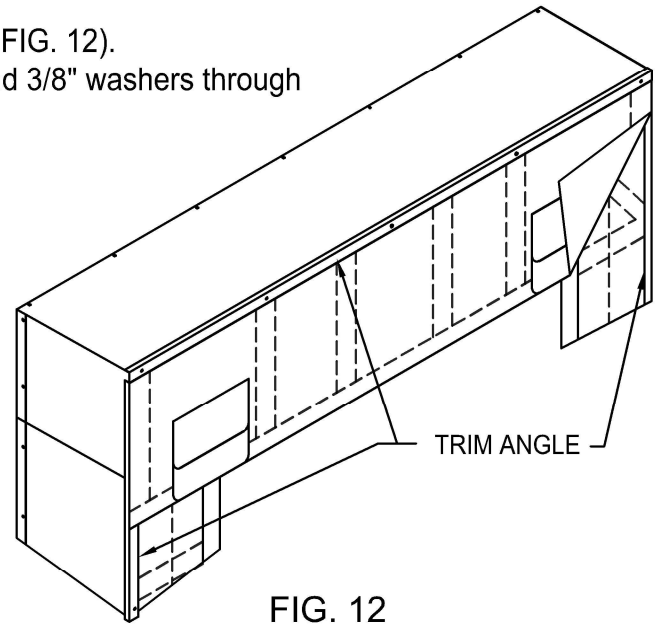


FIG. 12

13. Secure stays for vertical panels and head curtain:

*Using 1/4" x 1 1/2" hex washer tek 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).

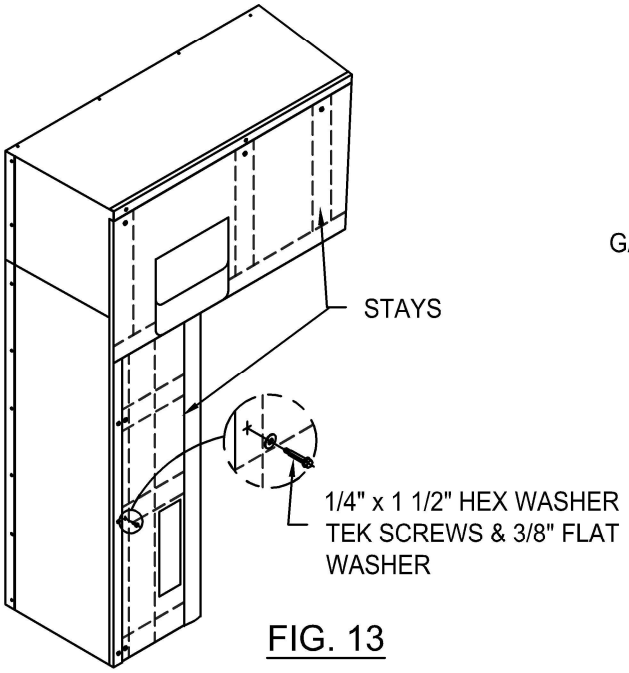


FIG. 13

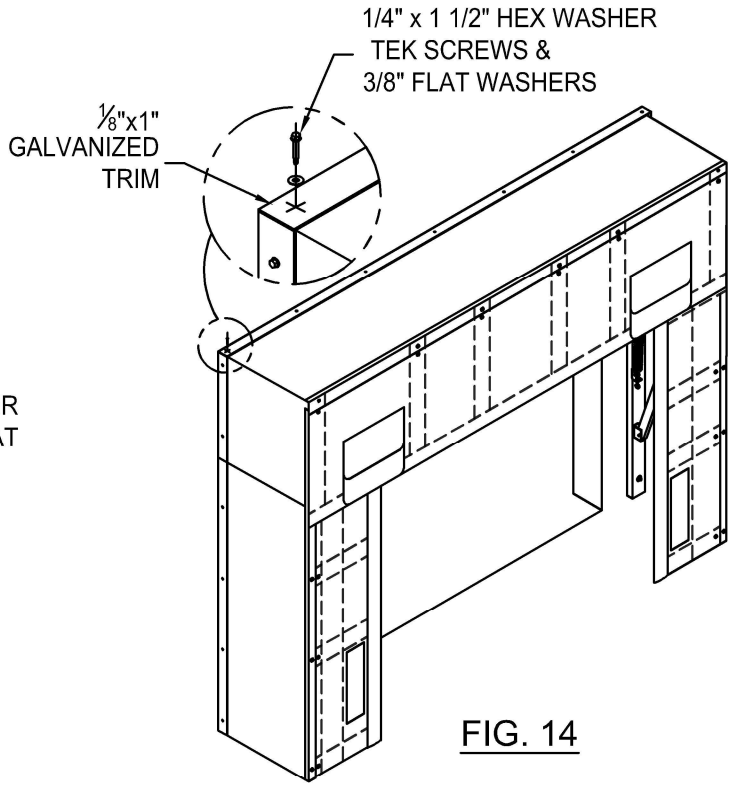


FIG. 14

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

*Fasten the 1/8"x1" galvanized trim flush with the top frame of the unit and building wall, using 1/4" x 1 1/2" hex washer tek screws & 3/8" flat washers (fig. 14).

15. Attach head curtain wind straps to side frames:
* Secure wind straps with 1/4" x 1-½" hex washer tek screws and ⅜" BS flat washers (FIG. 15). Bungee must be snug.

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

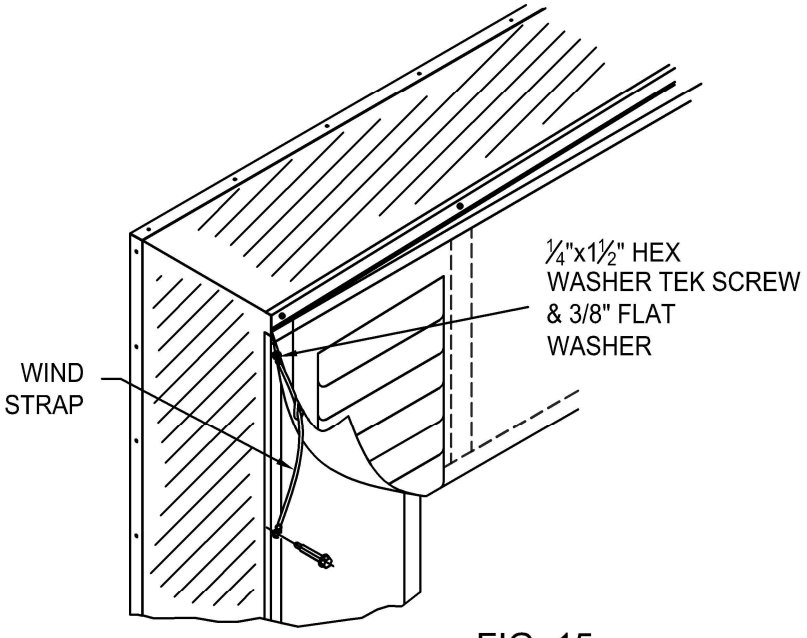


FIG. 15

IF MOUNTING ON SIDING OR PRECAST BUILDING, FILL GAPS WITH STYROFOAM.

16. Draft Flap
a. Install draft flap.
*** Place draft flap into place (FIG. 16) and use grommeted holes to mark hole locations.**
*** Using ⅜" concrete drill bit, drill 2 holes into concrete.**
*** Insert sleeve anchors through main back flap and into wall.**
tighten with wrench.
*** Use 1/4" X 1-½" Hex washer tek screw and ⅜" 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 tek screw and washer, secure cord to frame.**

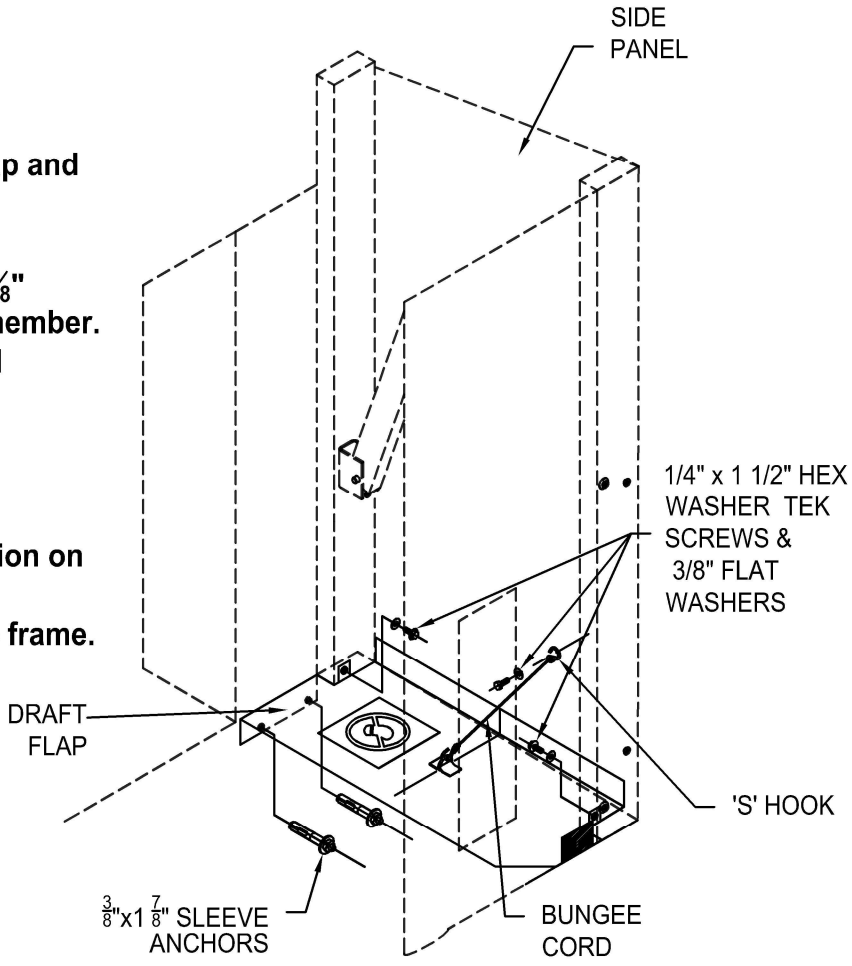


FIG. 16

DRAFT FLAP SHOULD BE SLIGHTLY PEAKED IN THE CENTER WHEN FRAME IS FULLY EXTENDED OUTWARDS.

Care & Maintenance

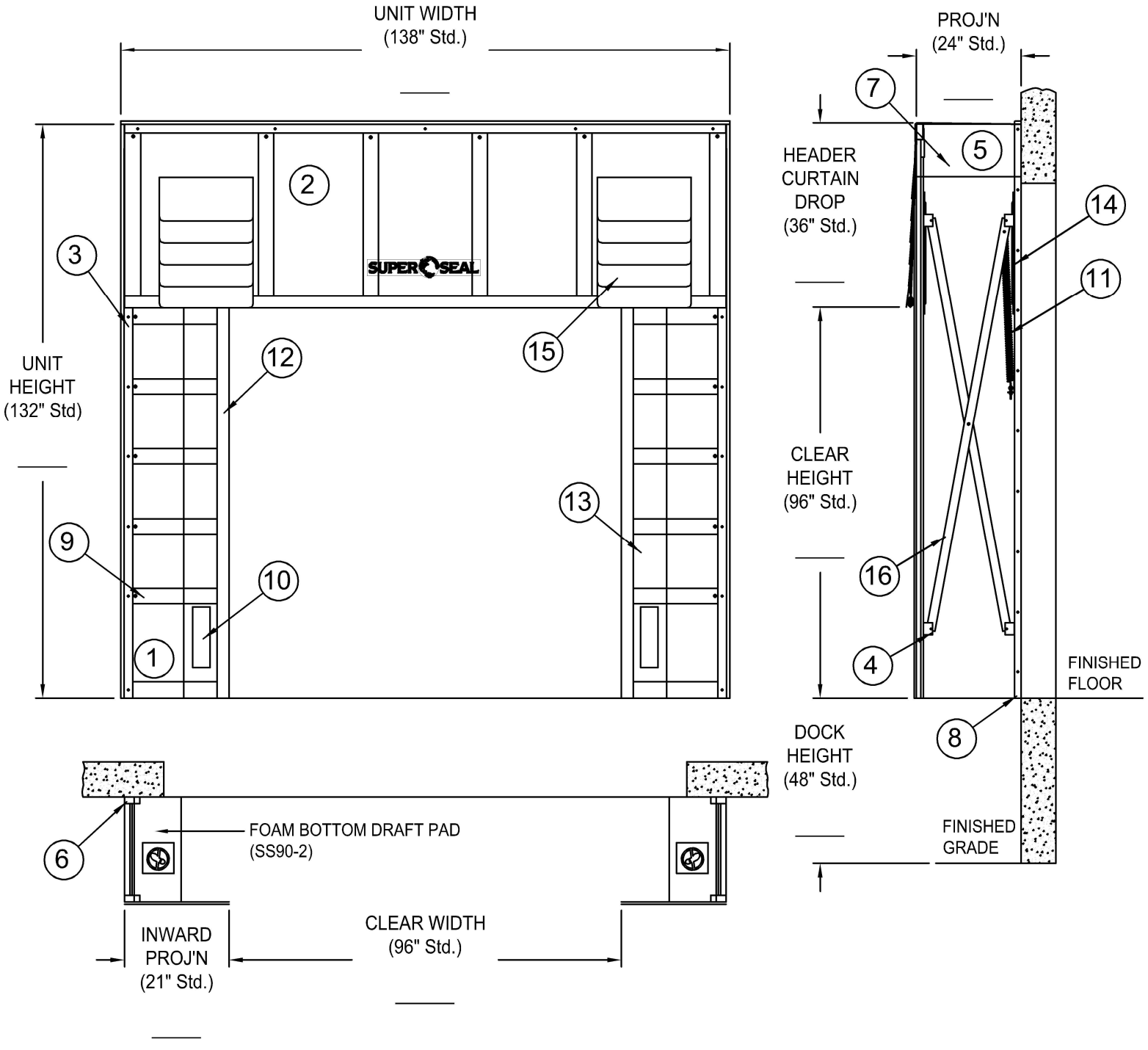
Some Maintenance is required to keep the Model 501 Shelter operating efficiently. At times it may be necessary to remove snow build-up from on top of the header.

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 workng order .

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

Metal 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.



1. VERTICAL PANELS
2. HEADER PANEL
3. ANGLE TRIM
4. "U" BRACKET
5. PROJECTION FABRIC
6. 1" x 3" TUBE VERTICAL STEEL FRAME
7. 1" x 3" TUBE HEADER STEEL FRAME
8. 1" GALV. TRIM
9. FIBERGLASS STAYS
10. 4" YELLOW GUIDE STRIPE
11. SPRING
12. FOAM BEAD
13. DOUBLE LAYER FABRIC ON IMPACT AREA
14. SLIDING BRACKET
15. PROTECTIVE FLAPS
16. SCISSOR EXTENSION ARM