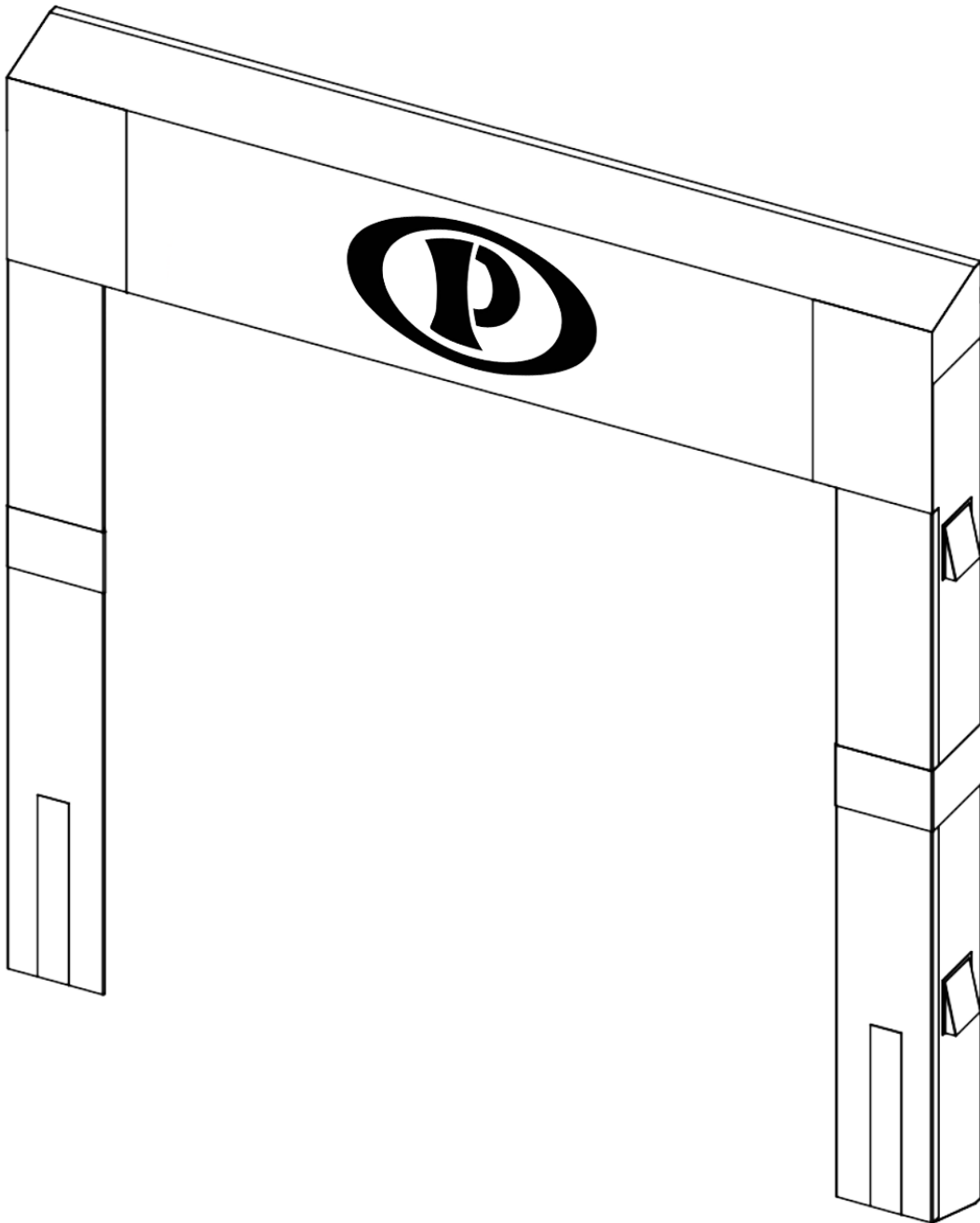


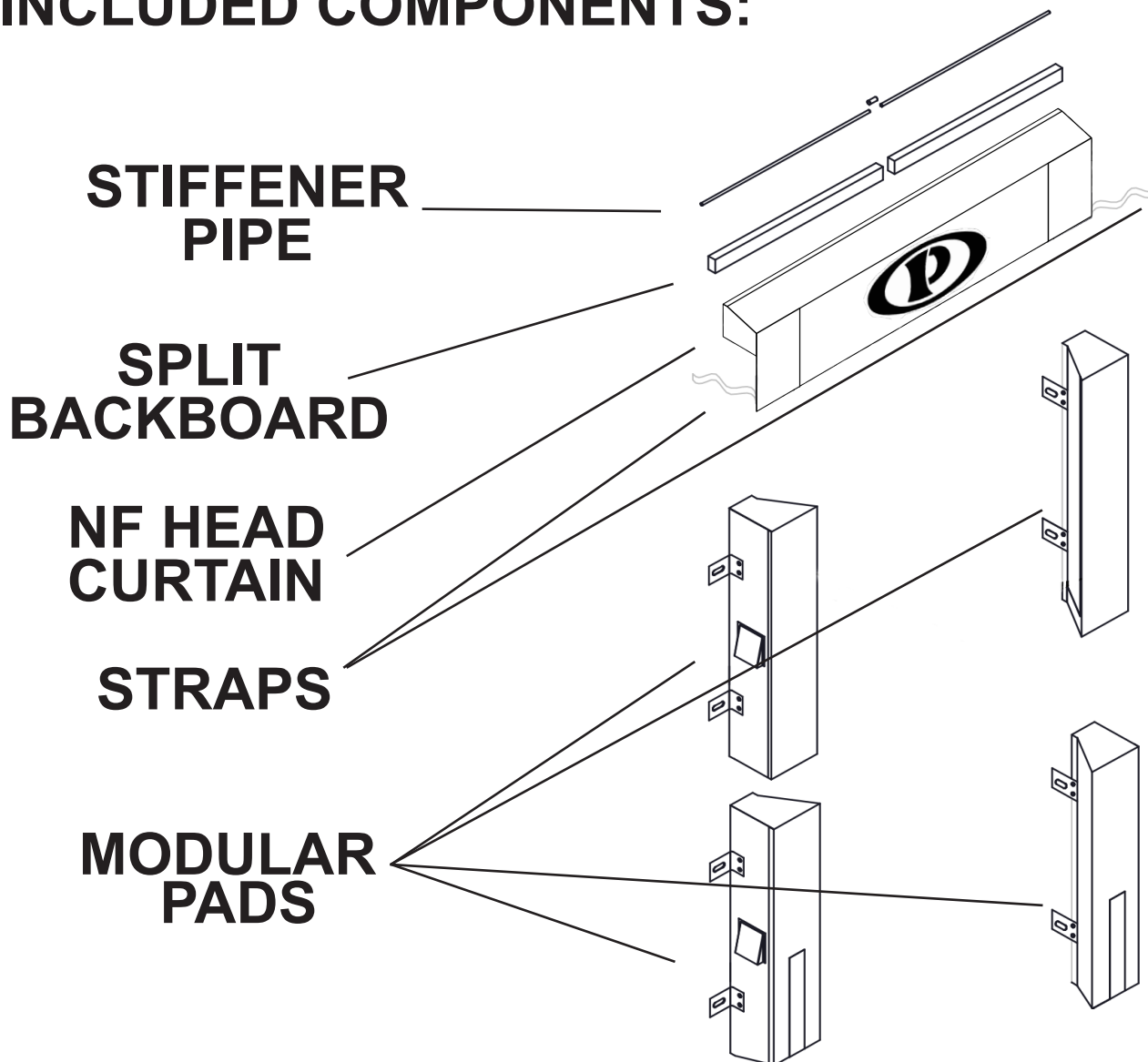
PERMA TECH

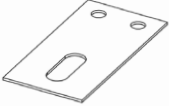
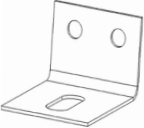
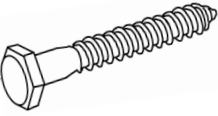
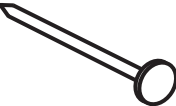

MODULAR DOCK SEAL

INSTALLATION GUIDE



INCLUDED COMPONENTS:



A	x12	B	x20	C	x56	D	x4	E	x1
									

A. FLAT BRACKETS

B. ANGLE BRACKETS

C. LAGS

D. ROOFING NAILS (INCLUDED WITH SHIPMENT)

E. SPLIT PIPE COUPLING

NOTE: THERE ARE THREE DIFFERENT METHODS OF INSTALLATION DEPENDING ON THE TYPE OF DOCK. CHECK DOOR OPENING WIDTH AND HEIGHT. USE PAGES 4 AND 5 FOR INSTALLATION.

- 1** INSTALL BRACKETS OR LAGS TO EACH SIDE PAD USING PROVIDED 1-1/2" LAG BOLTS. USE PAGES 4 AND 5 TO DECIDE WHICH MOUNTING STYLE TO USE.

- 2** HOLD SIDE PADS IN FINAL POSITION OF DOOR, MARK WALL/DOOR JAMB FOR DRILLING ANCHORS.

- 3** PROCEED WITH ANCHORING DIRECTLY TO BUILDING. (ANCHORS TO SUIT WALL TYPE NOT INCLUDED)

- 4** JOIN THE SPLIT PIPES USING THE PROVIDED COUPLING SLIDE PIPE INTO THE POCKET AT THE FRONT OF THE CURTAIN.

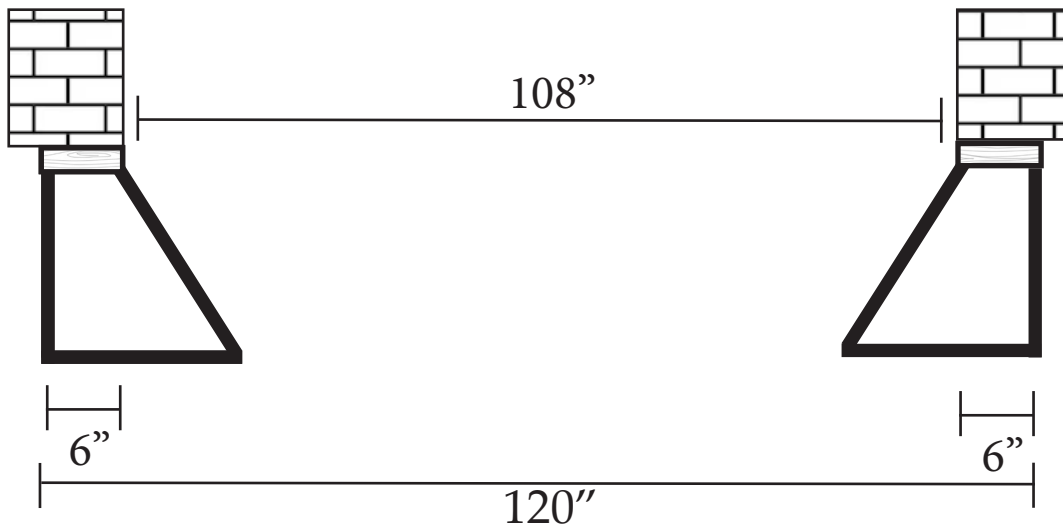
- 5** TO INSTALL CURTAIN, FIRST ATTACH SPLIT 2" X 4" BACKBOARDS RESTING ON THE TOP SURFACE OF SIDE PADS. DRILL 4-6 HOLES EVENLY SPACED TO ACCOMMODATE FASTENERS. MAKE SURE VELCRO SIDE IS UP, THEN LOWER CURTAIN ONTO VELCRO AND ATTACH. CAULK ALONG TOP. (ANCHORS TO SUIT SITE REQUIREMENTS NOT INCLUDED)

- 6** SECURE TOP HOLD BACK STRAPS OF CURTAIN TO SIDE PAD BACKBOARD. SECURE OUTSIDE AND INSIDE BOTTOM HOLD BACK STRAPS OF CURTAIN TO SIDE PAD BACKBOARD USING SUPPLIED ROOFING NAILS.

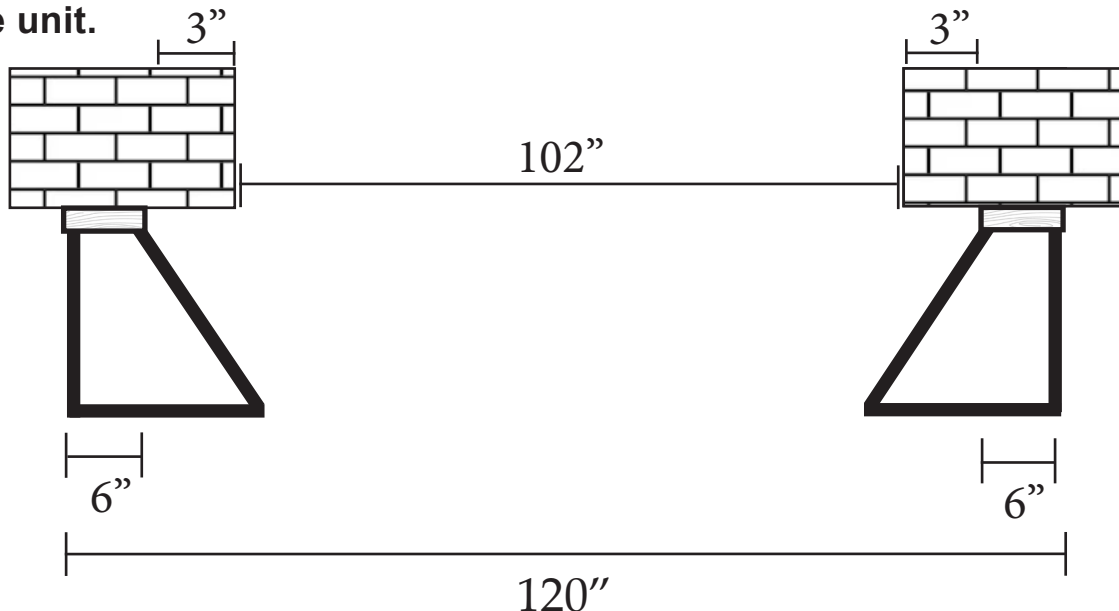
STEPS 1-3: PAD INSTALLATION

PERMA TECH'S MODULAR DOCK SEAL IS 120" WIDE, SO THE INSIDE DIMENSION BETWEEN SIDE PAD BACKBOARDS IS ALWAYS EQUAL TO 108". THERE ARE THREE DIFFERENT MOUNTING STYLES, EACH APPROPRIATE FOR DIFFERENT APPLICATIONS.

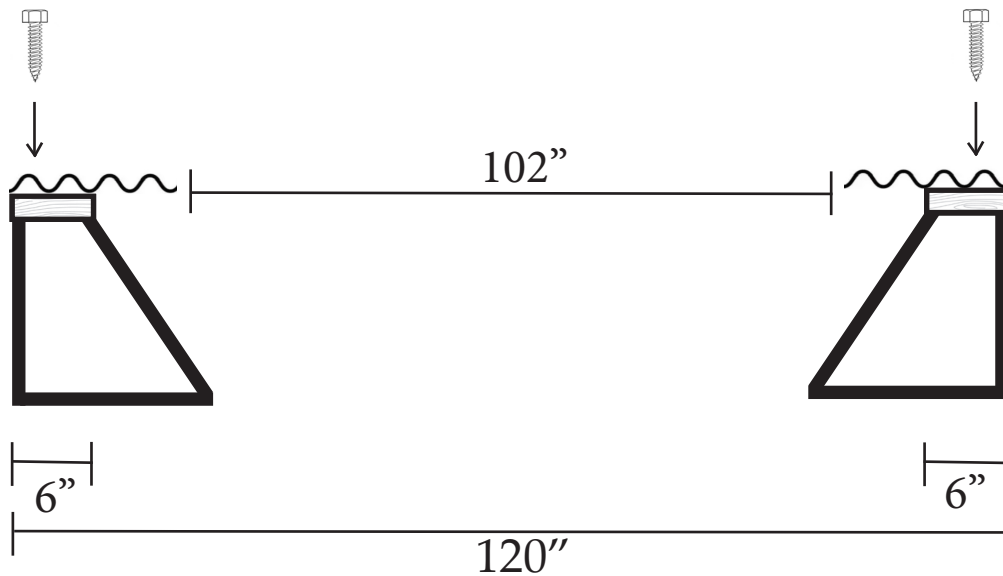
Style 1: If the doorway is exactly 108 inches, the pads can be attached directly via 2 flat brackets, flush with door jamb. Use 2 flat brackets and 2 angle brackets for each pad, for a total of 16 brackets for the entire unit.



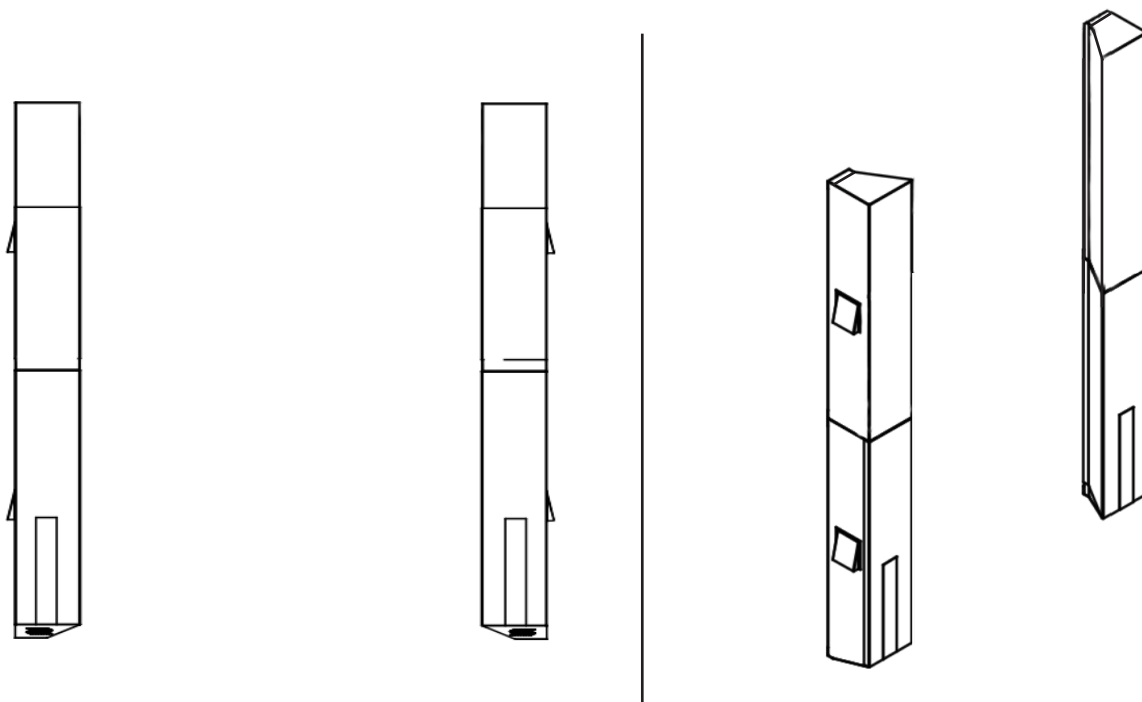
Style 2: The inside of the backboards are always mounted 108" apart. If the door is less than 108" wide, side pads should be mounted outside the door jamb on both sides and attached with angle brackets. In the example pictured below, the door is 102" wide, so the side pads have to be mounted 3" outside the door jamb to provide the required 108" inside dimension. Use 4 brackets for each pad, for a total of 16 brackets for the entire unit.



Style 3: If the door is less than 108" wide, and the building wall is made of metal siding, all four pads should be attached from the inside of the wall, penetrating through the metal siding directly into the wooden backs of the pads with lags. Use the provided flat brackets as washers against the inside wall, and repeat on the top and bottom of each pad for a total of 16 lags per side. For additional reinforcement, installers can use additional wood boards or metal strapping inside the building wall (not provided).



Repeat each process in the correct style four times over, with the pads arranged as shown below.



STEP 4: CURTAIN ASSEMBLY

FIGURE 1:

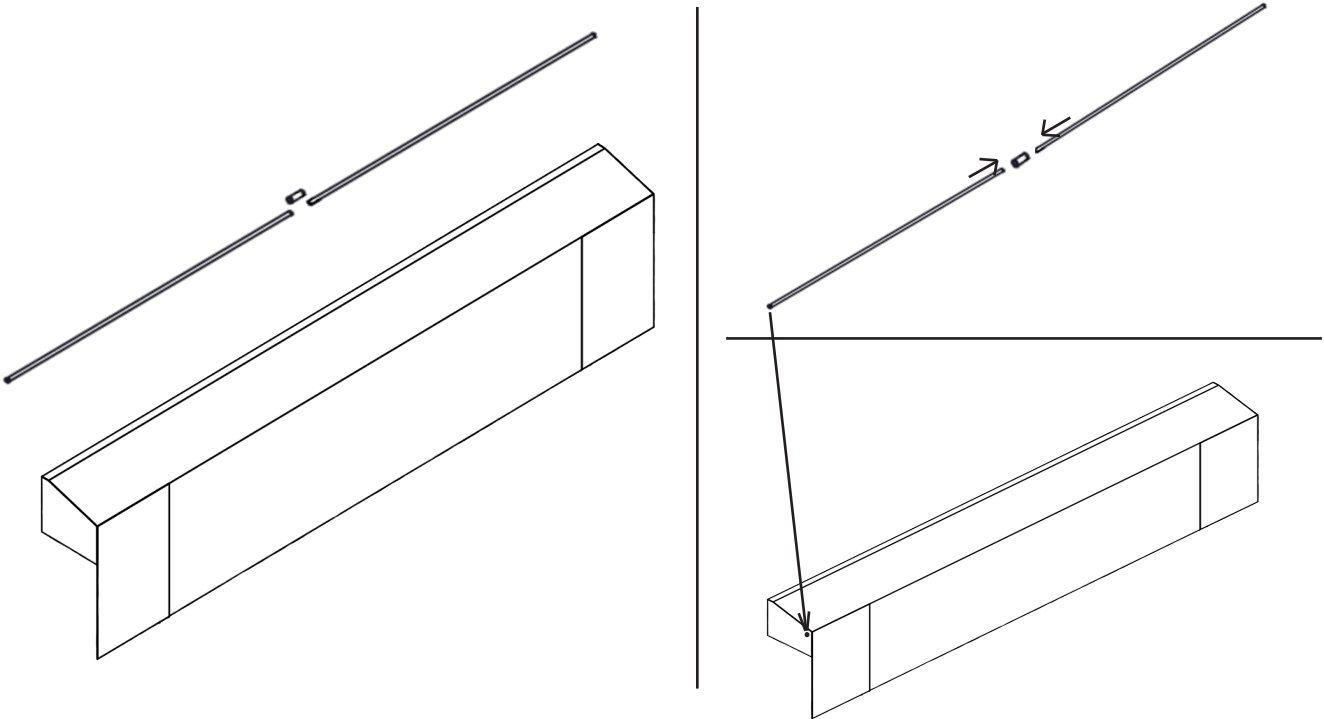
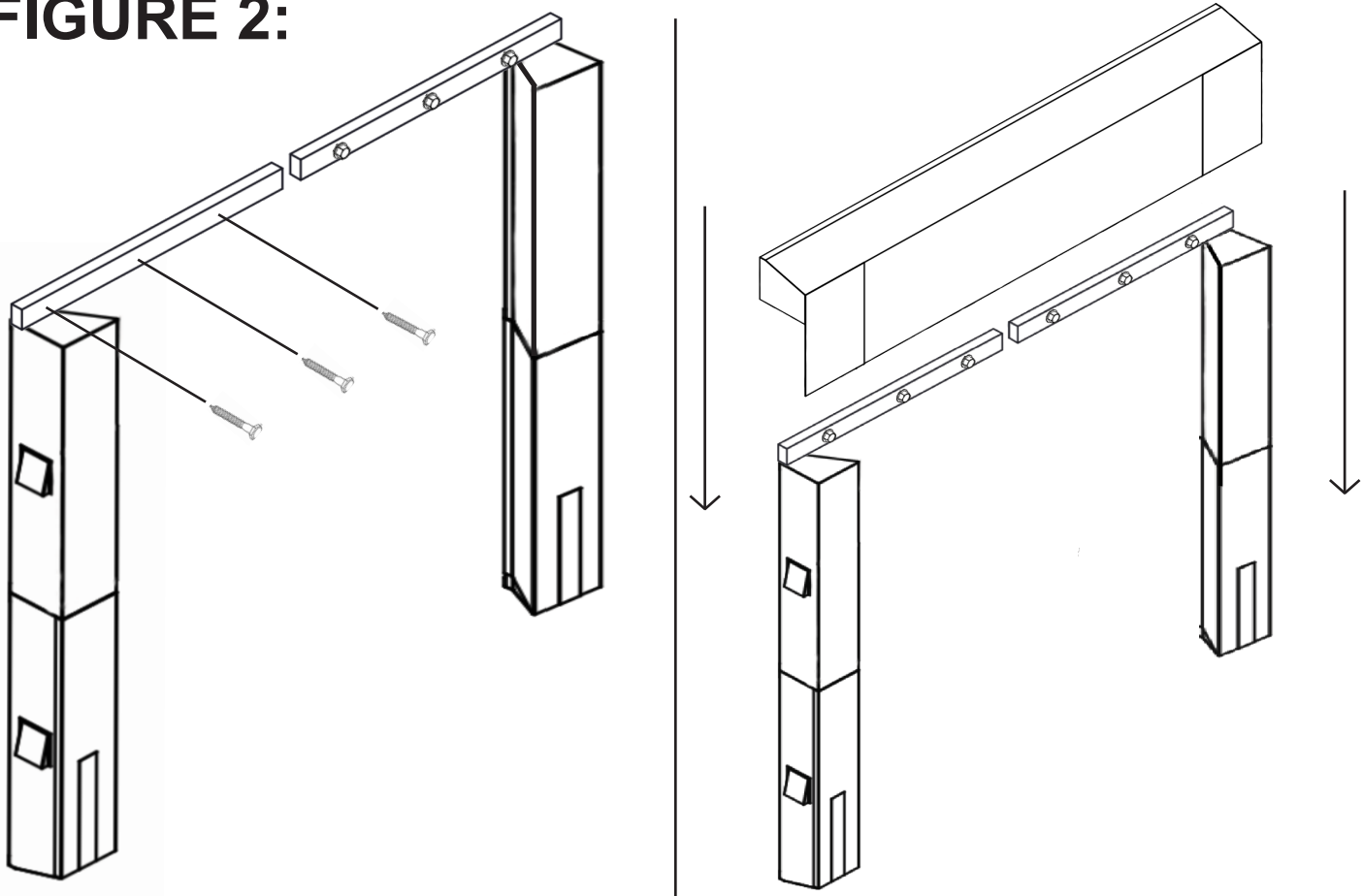


FIGURE 2:



STEPS 4-6 DIRECTIONS

1. JOIN SPLIT PIPE USING PROVIDED COUPLING. SLIDE PIPE INTO POCKET AT FRONT OF CURTAIN. ATTACH BACKBOARDS TO THE CURTAIN BY THE VELCRO PROVIDED.

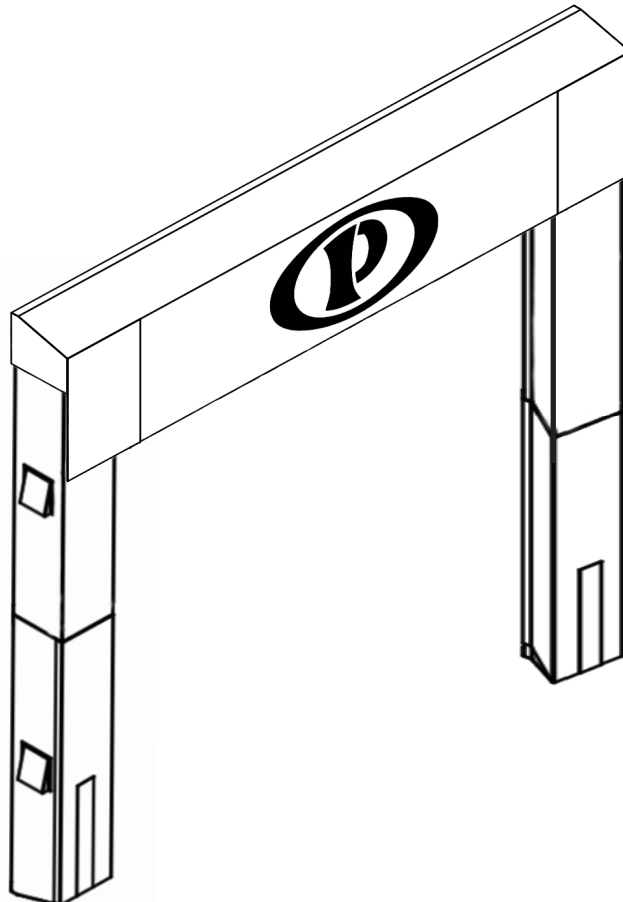
2. SPLIT BACKBOARDS REST ON TOP OF THE SIDPADS, EACH BOARD SHOULD BE ANCHORED WITH 2-3 ANCHORS AND DRILLED DIRECTLY INTO THE BUILDING WALL.

OPTIONAL: 4 ADDITIONAL ANGLE BRACKETS ARE PROVIDED TO MOUNT THE CURTAIN AT THE INSTALLERS DISCRETION.

3. ATTACH WIND STRAPS TO SIDE PAD BACKBOARDS USING PROVIDED ROOFING NAILS.

4. COMPLETE INSTALLATION BY APPLYING CAULK (NOT PROVIDED) ALONG TOP OF CURTAIN AGAINST THE WALL.

FINAL RESULT:





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"Your Single Source for ALL Your Loading Dock Needs"

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