Elevate™ Adjustable Containment End of Row Panel

14625-XXX ADJUSTABLE END OF ROW AISLE CONTAINMENT PANEL

WARNING: Improper use of this product may lead to serious injury or death. Read and understand all instructions for proper installation and use of this product.

WARNING: The adjustable containment panels must be secured to adjacent panels with provided corner brackets.

WARNING: The end of row adjustable containment panel must be securely fastened to end of row door.

WARNING: Installation of aisle Containment products may require the use of ladder, Scaffolds, and other climbing tools. Follow all climbing device procedures and observe all safety and warning precautions.
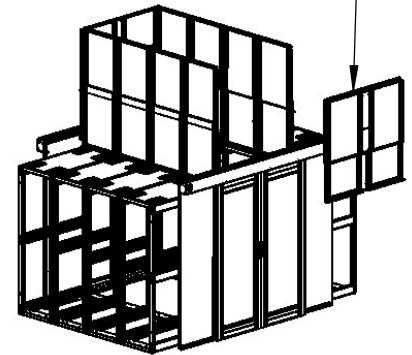
Required Tools:
- 8mm Socket wrench
- 10mm Socket wrench
- 13mm Socket wrench
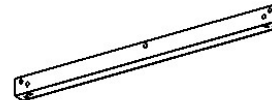- Utility knife

Included Hardware:

M8x12 Serrated Flange Screw, Qty (14)

M6 Serrated Flange Nut, Qty (8)

M5x8 Flange Screw, Qty (8)

Upper Corner Bracket Qty (2)

Mid Seals, Qty (2)

Edge Seals (2 Horizontal, 2 Vertical)

Lower Mid Panel Seal, Qty (1)

Intended Use

Install this assembly only in a restricted service environment, such as a data center. Use indoors only, in environmentally controlled areas; do not use outdoors, in harsh environments or in air-handling spaces or in direct proximity to unshielded high voltage.

The 14625-XXX Adjustable End of Row Ailse Containment Panels are intended to be used to form a barrier region above a 32770-XXX or 32780-XXX Aisle Containment Door.

This instruction is to be used as a general guideline as the actual field installation will depend on system containment requirements.

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Installation Instructions:

1. Attach (2) Upper Corner Brackets with (3) M8X12 each as shown in Figure2. Measure the inside opening dimension between the Upper Corner bracket flanges (Dim A) as shown in Figure 2.

   Maximum and minimum "Dim A" values for the available end of row panel assemblies are given in Table 1.

TABLE 1.

Part Number	Valid "DIM A" Range			
	Minimum		Maximum	
	in	mm	in	mm
14625-X00	50.6	[1286]	56.6	[1439]
14625-X01	50.6	[1286]	56.6	[1439]
14625-X02	50.6	[1286]	56.6	[1439]
14625-X03	58.5	[1486]	64.5	[1639]
14625-X04	58.5	[1486]	64.5	[1639]
14625-X05	58.5	[1486]	64.5	[1639]
14625-X06	90.7	[2304]	96.7	[2457]
14625-X07	90.7	[2304]	96.7	[2457]
14625-X08	90.7	[2304]	96.7	[2457]

DIM A

M8X12 BOLT
7 FT-LB, 9NM

KNOCK OUT TWO LOWER LASER FEATURES PRIOR TO INSTALLATION.

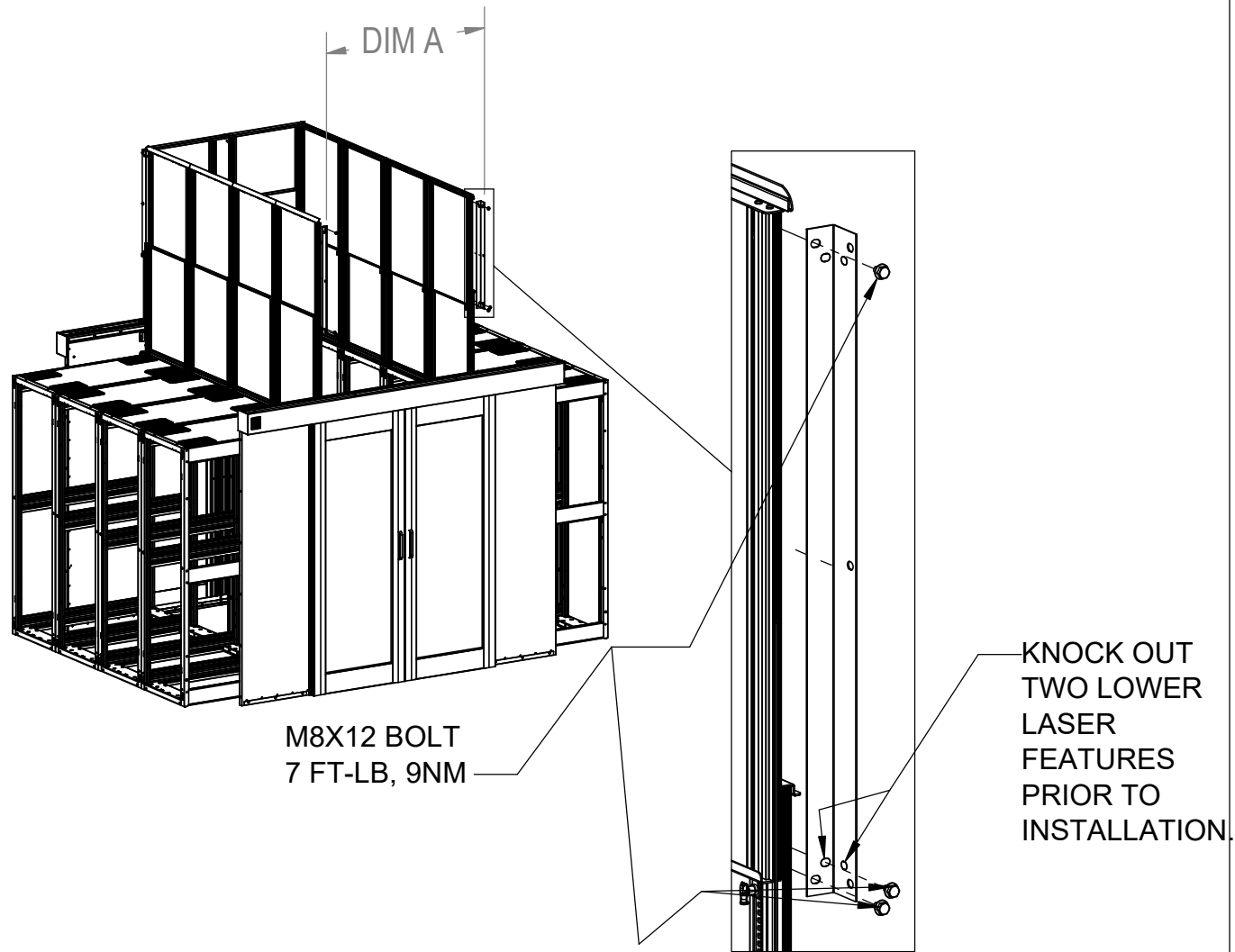FIGURE 2.

Elevate™ Adjustable Containment End of Row Panel

Installation Instructions:

2. Measure the distance between the lower edge of the Upper Corner Bracket installed in Step 1 to the top of the edge of cabinet panel base as shown in Figure 3. Trim flexible seal strips to fit and install with the curve directed inwards as shown.
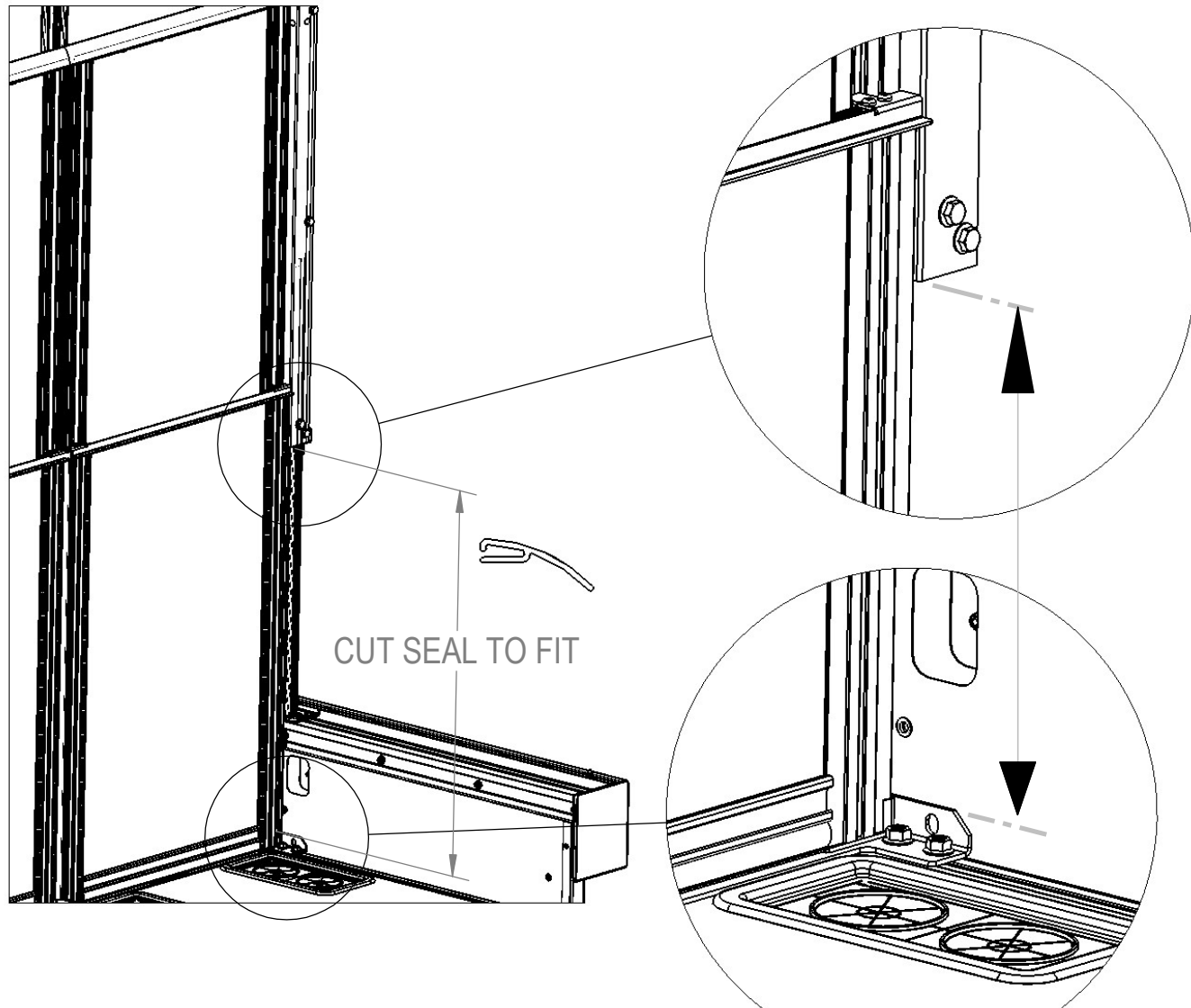
CUT SEAL TO FIT

Figure 3.

Elevate™ Adjustable Containment End of Row Panel

Installation Instructions:

3. Install the cut with the curve directed inwards as shown.Slit the seal with a knife just above the door header as shown . Repeat for both sides of the door.
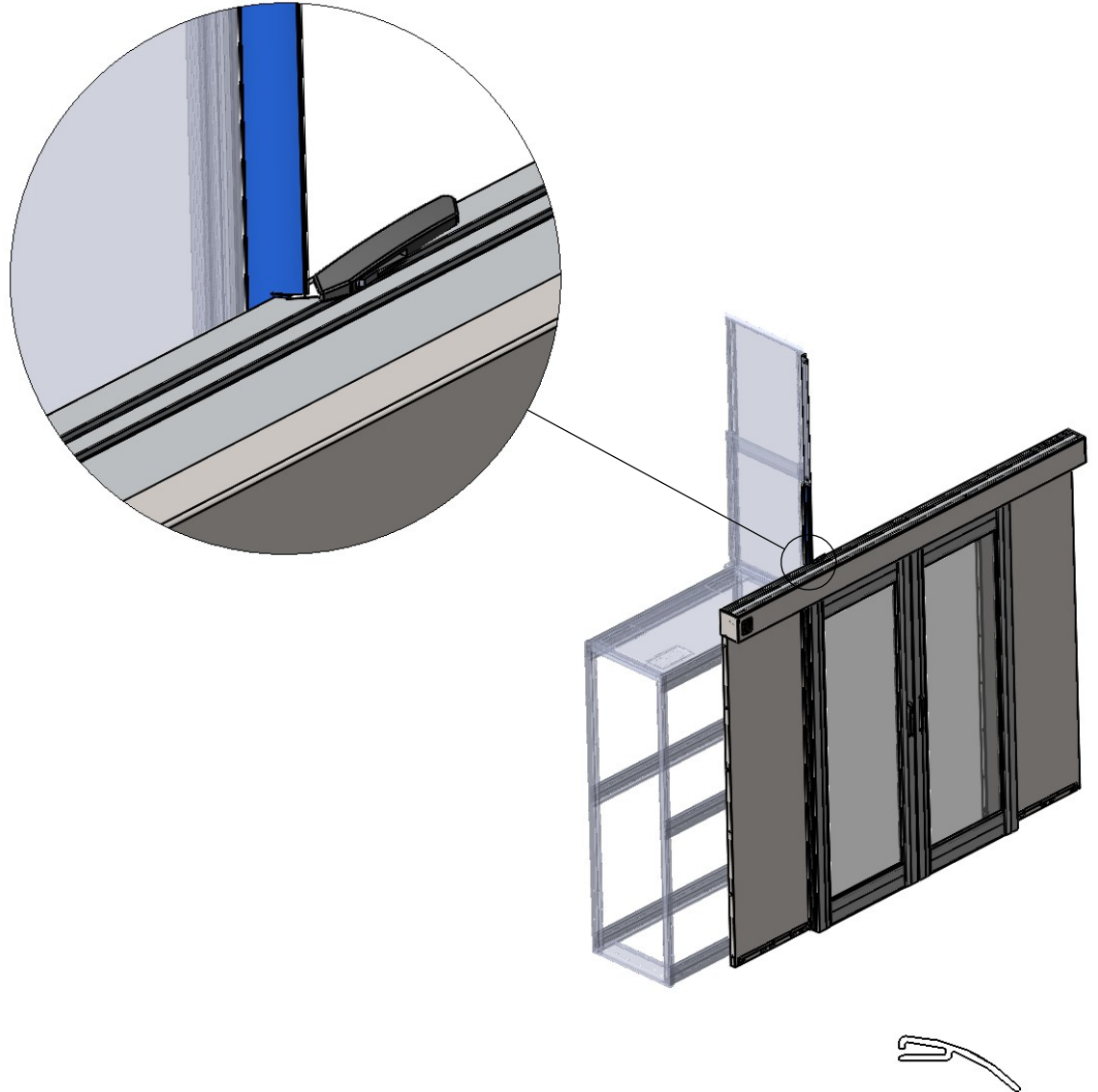
Figure 4.

Elevate™ Adjustable Containment End of Row Panel

Installation Instructions (Con't):

4.   Lift the right side End of Row Containment Panel onto the End of Row Door header. Align Qty (4) M6 studs with the slots on the bottom of the panel frame as shown in Figure 5.

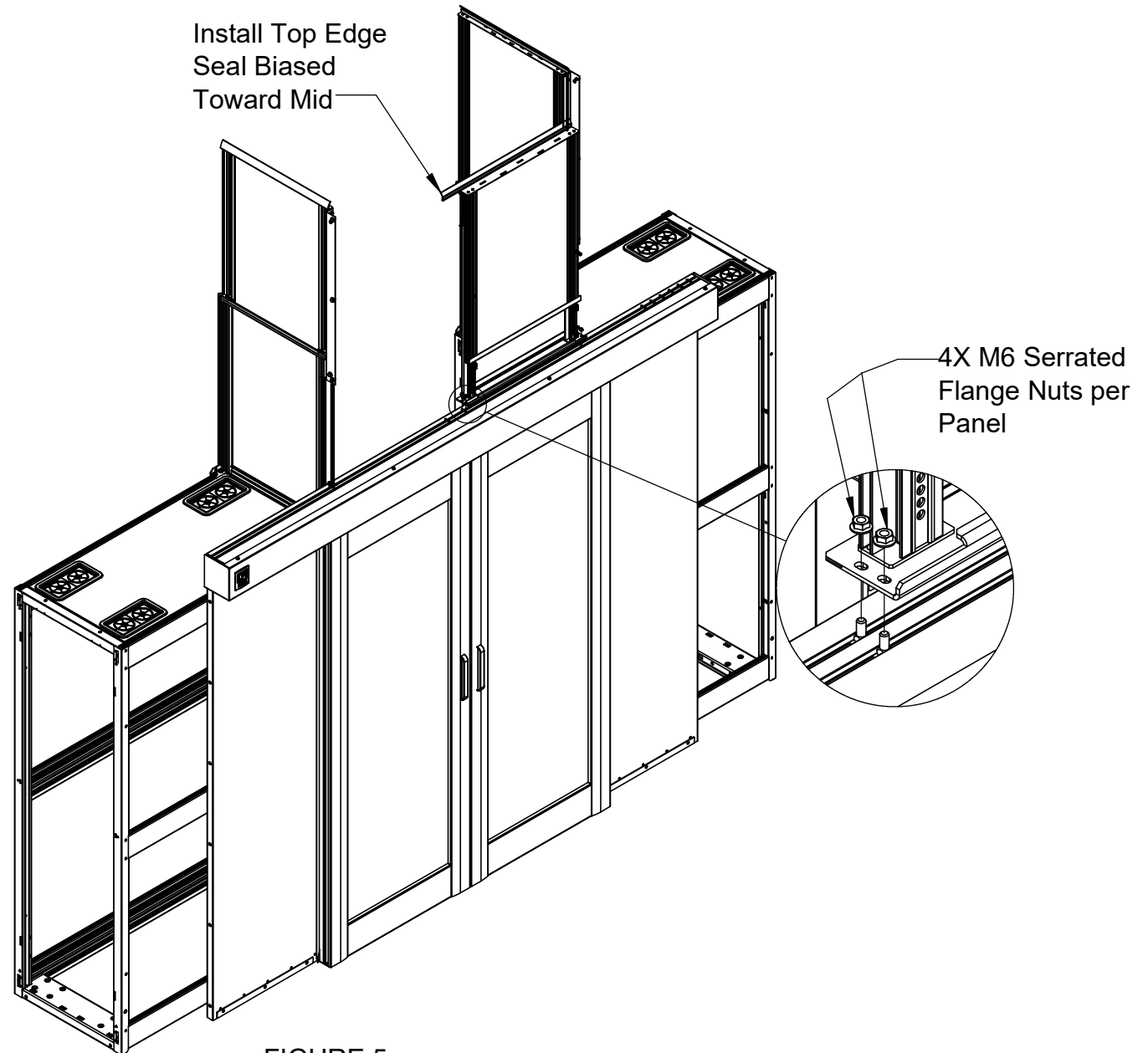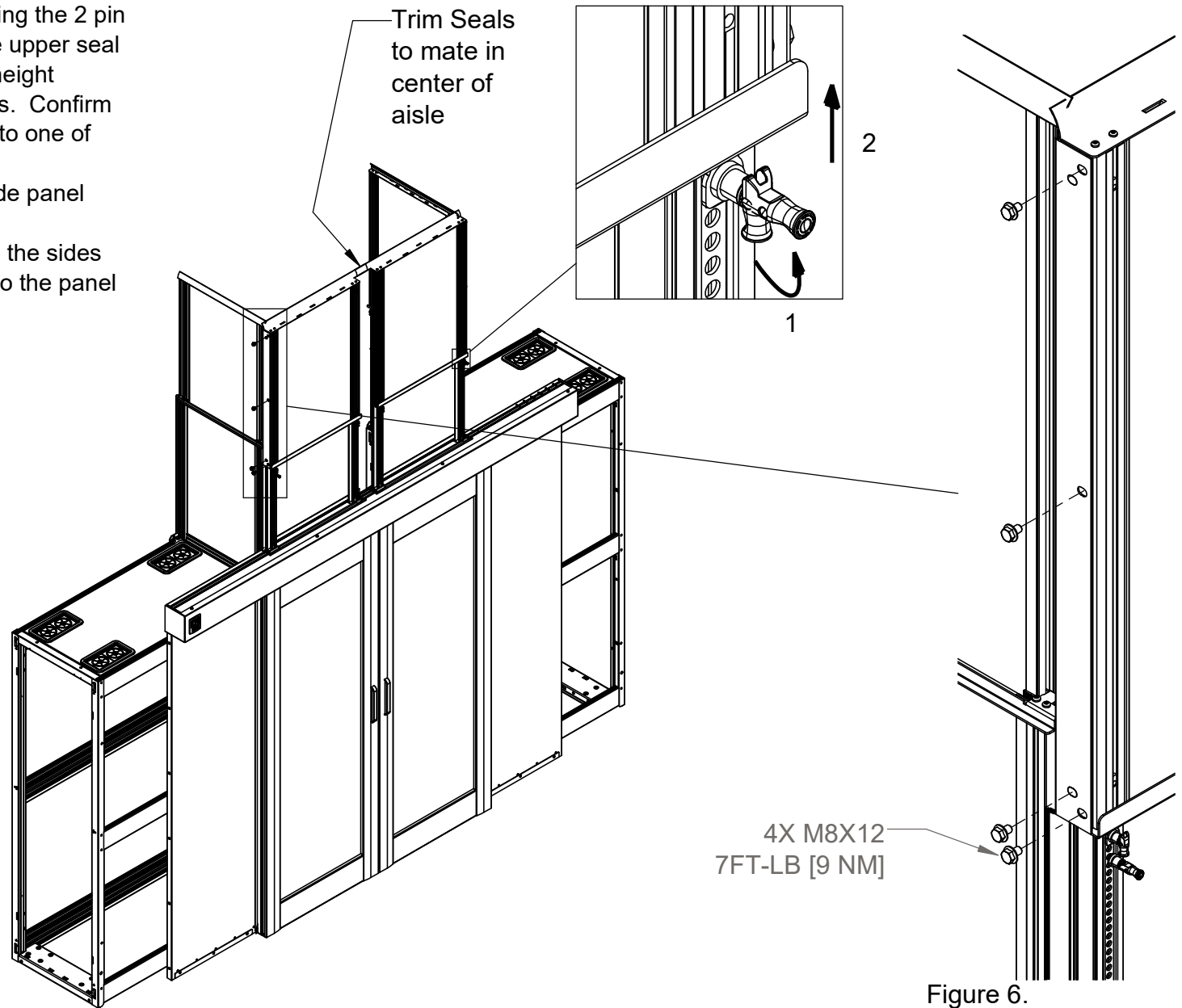5.   Attach the lower frame using M6 Serrated nuts as shown.

Install Top Edge Seal Biased Toward Mid

4X M6 Serrated Flange Nuts per Panel

FIGURE 5.

Elevate™ Adjustable Containment End of Row Panel

Installation Instructions (Con't):

6. Raise the panels by straightening the 2 pin levers, lifting the panel until the upper seal touches the ceiling. Lock the height adjustment by lowering the pins. Confirm that the pins are seated fully into one of the indexing holes.

7. Repeat steps 3-5 for the left side panel assembly.

8. Use the M8x12 Bolts to secure the sides of the Upper Corner Brackets to the panel as shown in Figure 6.
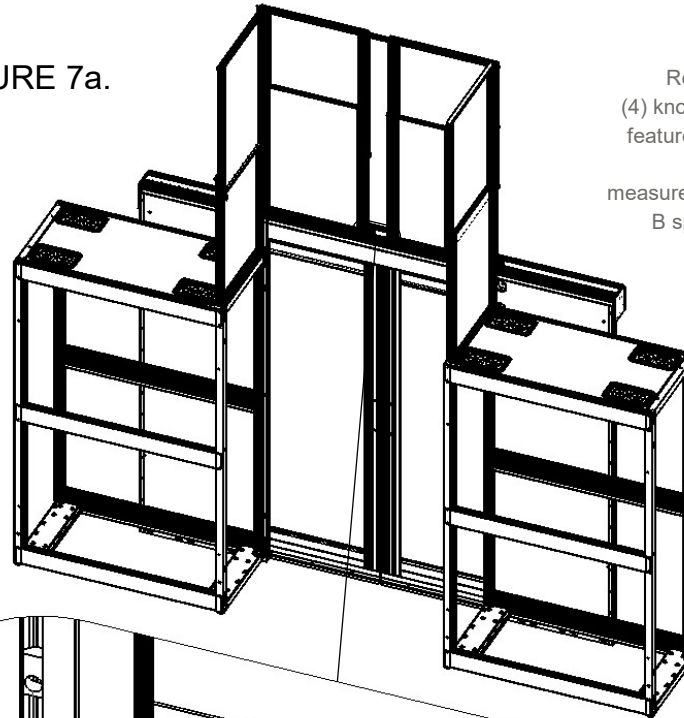
Trim Seals to mate in center of aisle

2

1

4X M8X12
7FT-LB [9 NM]

Figure 6.

Elevate™ Adjustable Containment End of Row Panel

Installation Instructions (Con't):

9. Measure the distance between the left and right panel slots as shown in Figure 7a.
10. Identify a symettric set of laser knock-out features as shown in Figure 7b for the lower mid-panel to match the "Dim B" measurement of step 9. Remove and remove the 4 slot cover features as shown in Detail C.
11. Measure the gap between extrusions (Dim C) in the mid region as shown in Figure 7a and cut two sections of the mid seal to match.
12. Measure the gap between the lower plates (Dim D) and cut the Lower Mid Panel Seal length to match.

FIGURE 7a.

Dim B
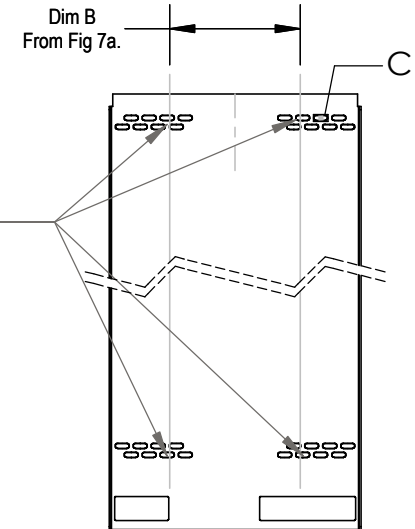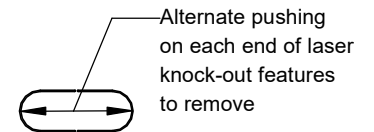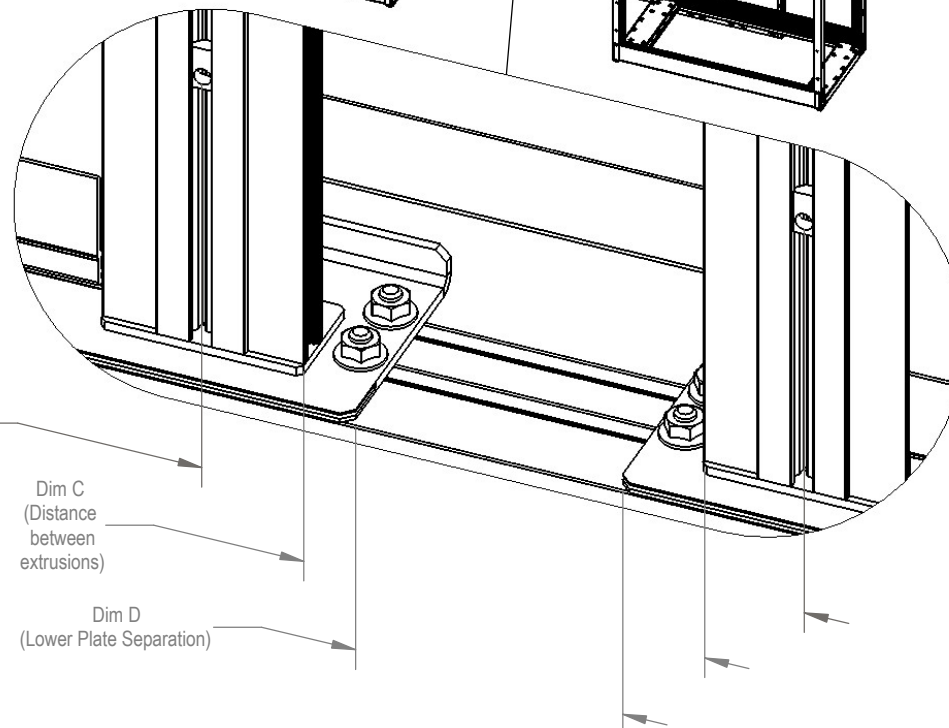From Fig 7a.

C

Remove (4) knock-out features that match measured Dim B spacing

FIGURE 7b.
Lower Mid Panel

Dim B
M5 Nut
Center to
Center

Dim C
(Distance between extrusions)

Dim D
(Lower Plate Separation)

Alternate pushing on each end of laser knock-out features to remove

DETAIL C
SCALE 1 : 1

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Installation Instructions (Con't):

13. Install the lower mid panel as shown in Figure 8.
14. Install the upper mid panel as shown in Figure 9 in a similar manner as the lower panel except that the seal is installed on the lower edge.
15. Use the provided sealing sheet to cover any exposed gaps on the upper mid panel as shown in Figure 9.
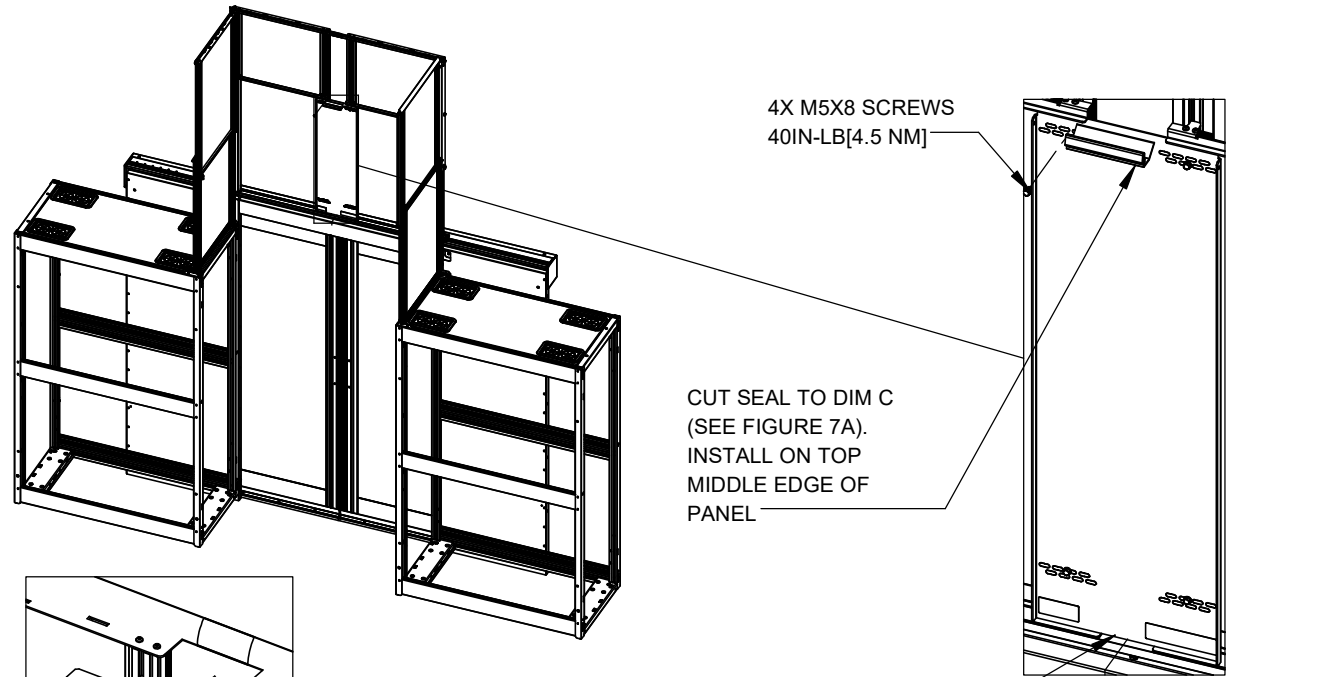
4X M5X8 SCREWS
40IN-LB[4.5 NM]

CUT SEAL TO DIM C
(SEE FIGURE 7A).
INSTALL ON TOP
MIDDLE EDGE OF
PANEL

CENTER LOWER
MID PANEL SEAL ON
PANEL PRIOR TO
INSTALLATION

FIGURE 8.
LOWER MID-PANEL INSTALL

4X M5X8 SCREWS
40IN-LB[4.5 NM]

USE PROVIDED ADHESIVE
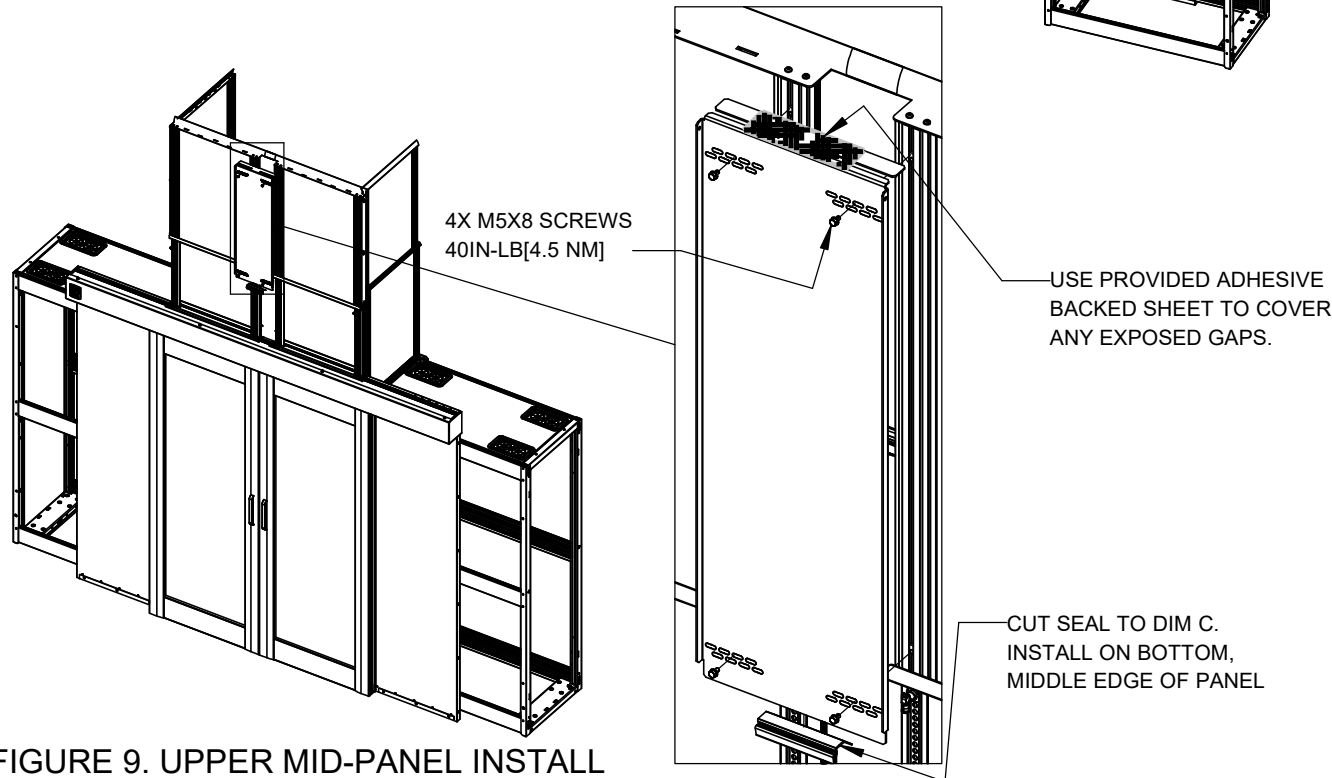BACKED SHEET TO COVER
ANY EXPOSED GAPS.

CUT SEAL TO DIM C.
INSTALL ON BOTTOM,
MIDDLE EDGE OF PANEL

FIGURE 9. UPPER MID-PANEL INSTALL