

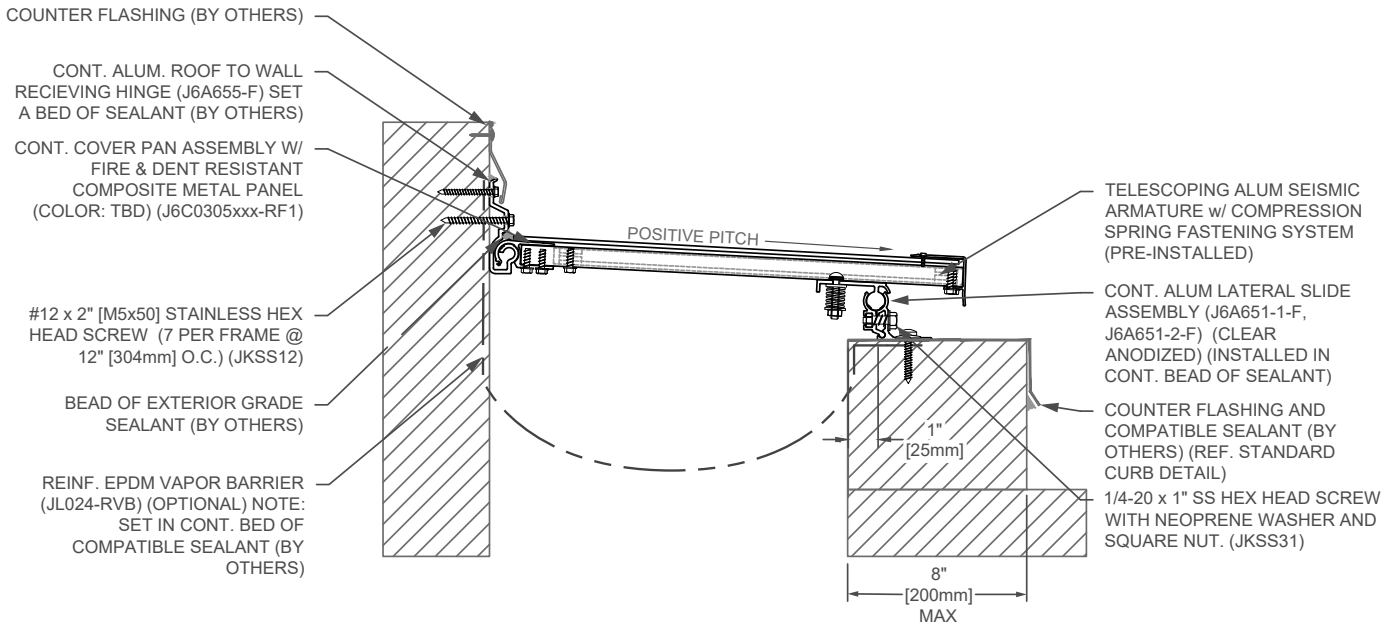
Installation Instructions

Joint System: 650C-A02 Roof to Wall

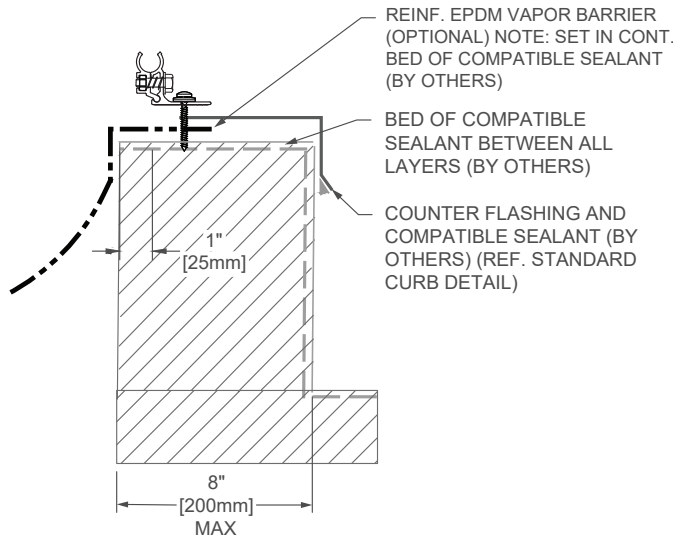
Note: Verify that the structural gap is in conformance with submittal data before beginning installation. If this is a Fire Rated Assembly, install the fire barrier before the Architectural Joint System. Refer to the fire barrier instructions for specific system installation. See Reinforced Vapor Barrier Installs (IPC.1698) for proper installation procedures. Available on inprocorp.com under Fire + Moisture Barriers. Reference project shops before installing.

Note: for installations subject to non-conditioned applications, a thermal gap is required between the end-to-end connections of the frames and covers. When installing in warm conditions (ie- 75F / 22C or greater), the covers can abut eachother directly, however during cooler weather installs (70F / 21C or less), the recommended gap width between frames and covers is 1/8" (3mm) min. Prior to installing the next frame in sequence, apply polyurethane sealant (By Others) to the end of the frame / cover before seating the next profile.

Roof to Wall Detail



Curb Detail:



IPC .3540/REV.2

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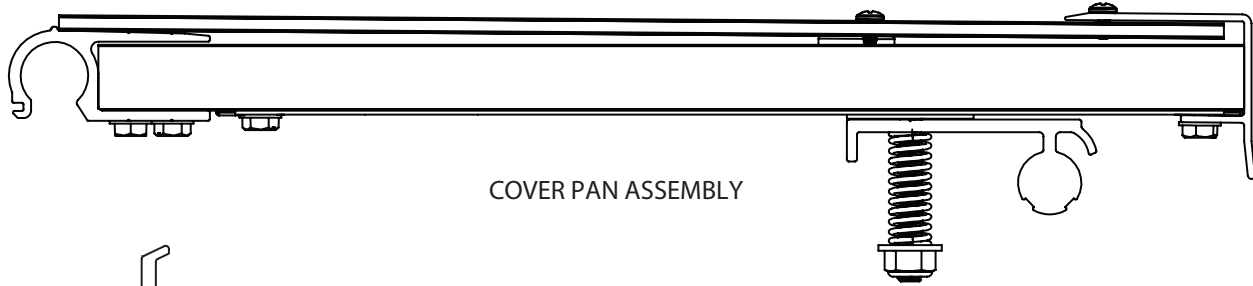
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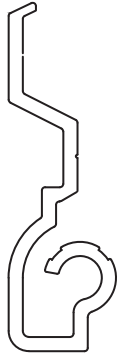
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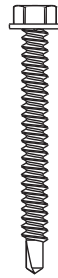
Components:



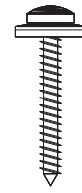
COVER PAN ASSEMBLY



J6A655-F
ROOF TO WALL
RECEIVING HINGE

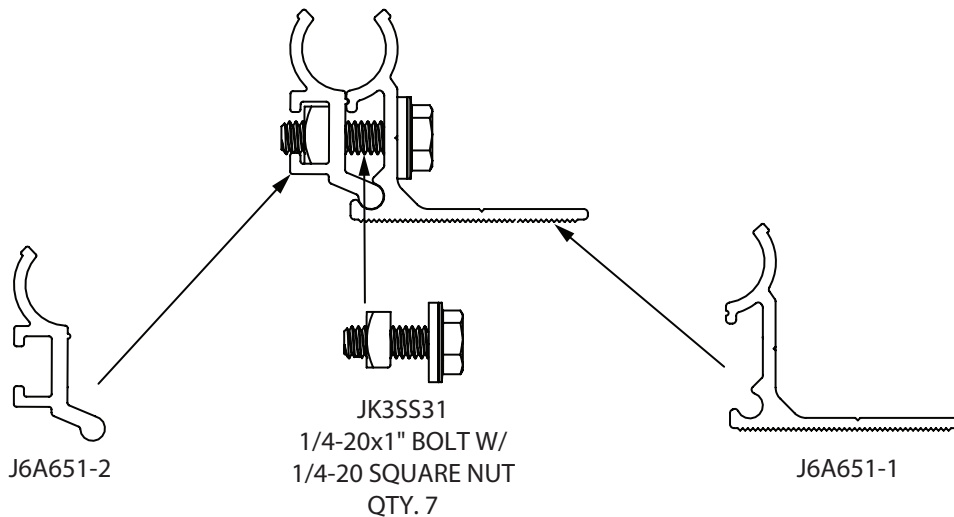


JKSS12
#12x2" STAINLESS
HEX HEAD SCREW



JKSS28
#12x1 1/2" STAINLESS
PAN HEAD SCREW

TWO PIECE LATERAL SLIDE ASSEMBLY



J6A651-2

JK3SS31
1/4-20x1" BOLT W/
1/4-20 SQUARE NUT
QTY. 7

J6A651-1

Recommended Tools

Saw w/ aluminum cutting blade, Drill, Socket Head Driver 7/16" [11mm] & Socket extender, White Lithium Grease, Compatible sealant for roofing, Sillicon sealant (grey), Safety Glasses, Painters tape, Tape Measure, 2ft to 4ft Level, Plumb bob, Power Drill, Drill Bits (appropriate for surrounding substrate), Circular saw, Power Miter Saw, Fine toothed finish blade for Aluminum

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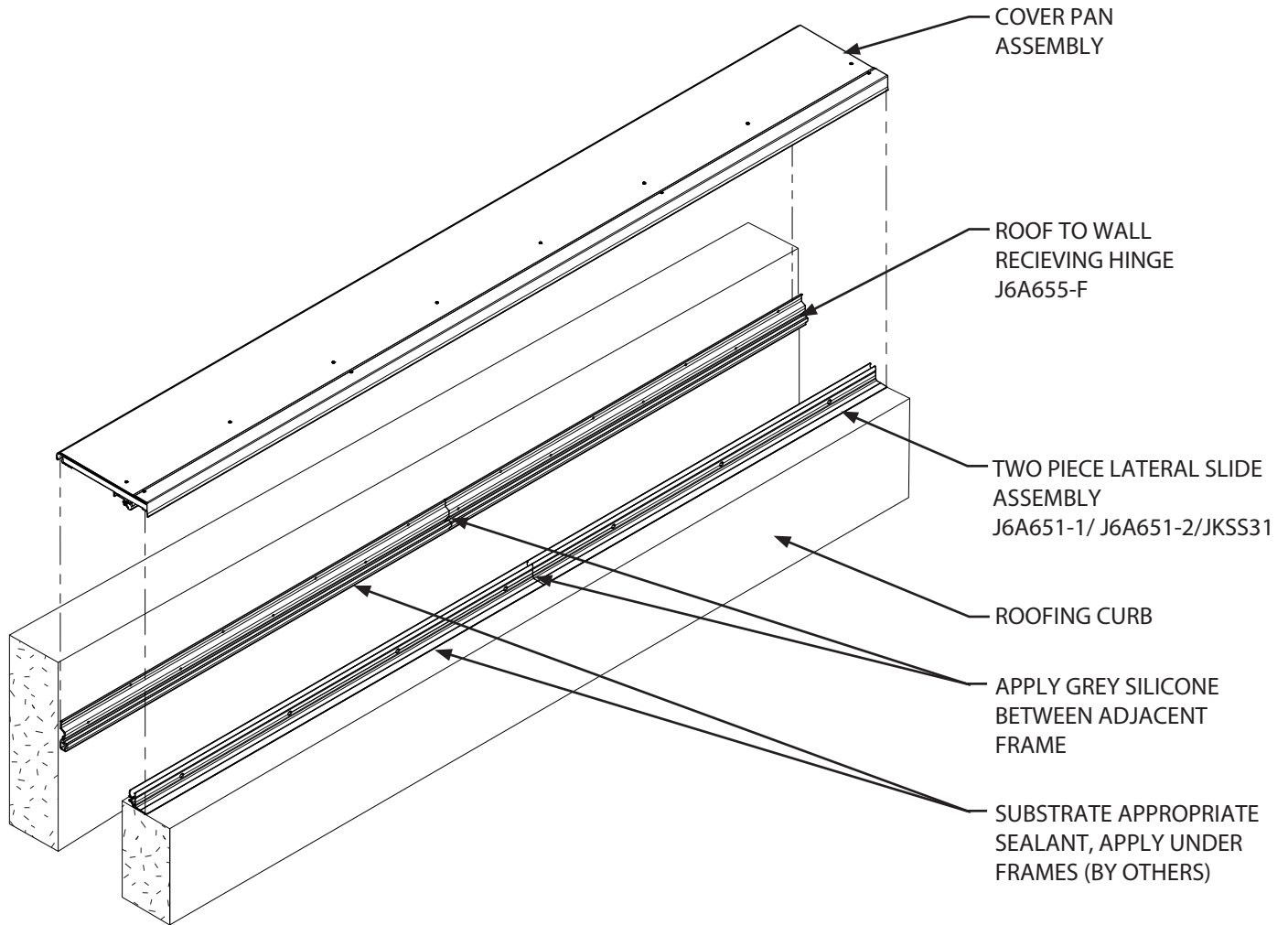
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Assembly Overview:



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Joint System: 650C-A02 Roof to Wall

Figure 1 Installing Roof to Wall Receiving Hinge

1. Position the Roof to Wall Receiving Hinge against wall substrate located $5 \frac{7}{16}$ " (138mm) above adjacent curb. (See Fig.2)
2. Ensure the receiving hinge is level. Mark predrilled hole locations as shown in figure 2.1.
3. Remove hinge from wall, and drill marked holes on the curb using a $\frac{1}{8}$ " (3mm) drill bit to a $1 \frac{1}{2}$ " (25mm) depth.
4. Seal and mount water proof membrane per manufacturer instructions prior to installing frame.
 - a. Install the roof to wall receiving hinge $5 \frac{7}{16}$ " (138mm) above curb. Install to wall substrate with stainless hex head screws through the predrilled holes. (7 per frame) Two on each end and three on center. (See Fig.2.1) Add silicone sealant at all butt seams between frames before securing.

Fig. 2

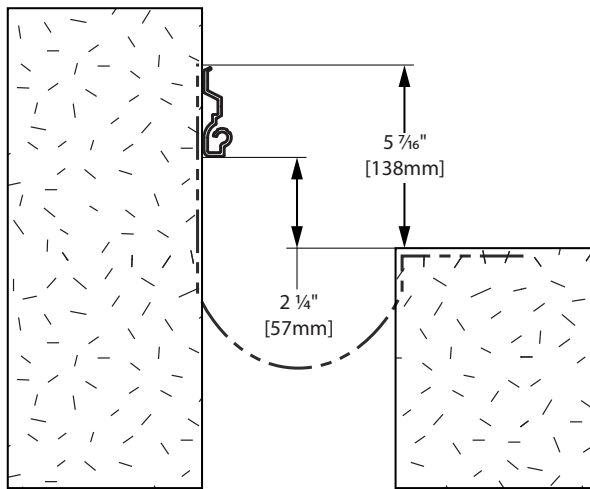
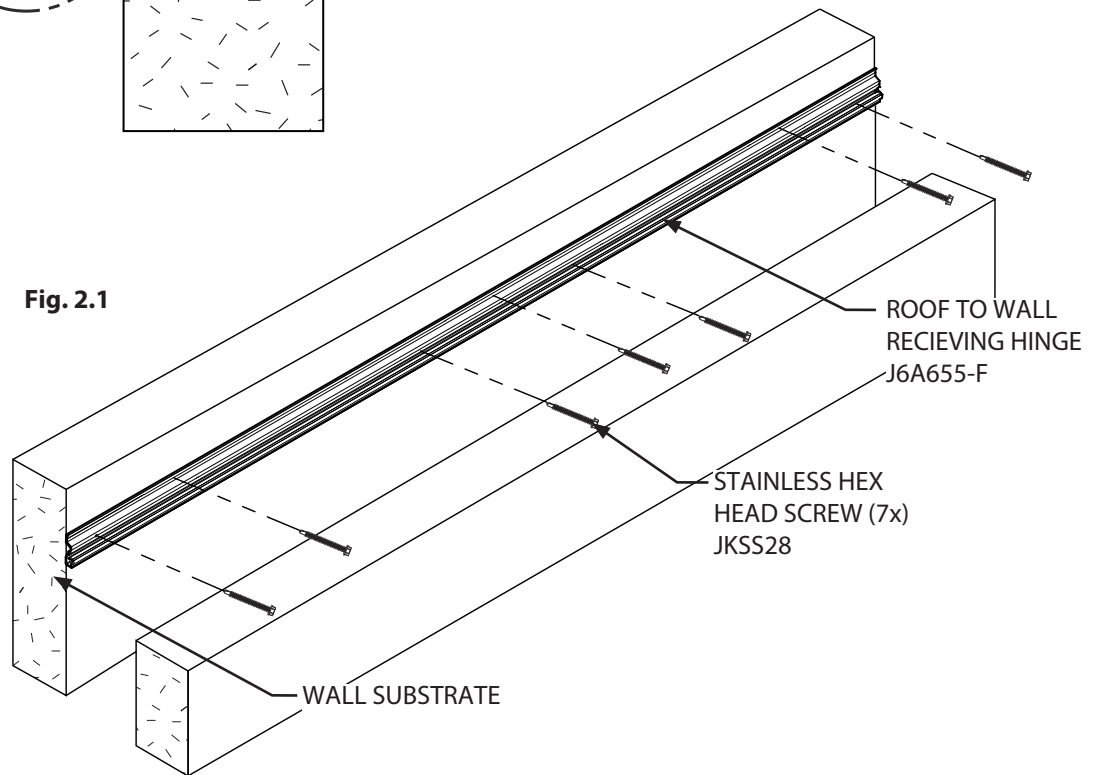


Fig. 2.1



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Figure 2 Installing the Two Piece Lateral Slide Assembly

- Slide J6A651-2 into J6A651-1. (See Fig.2)
- Slide square nuts into extruded slot on J6A651-2. (See Fig.2.1)
- Loosely thread the hex head screws with gasket washer into square nuts across the two piece lateral slide assembly. (See Fig.2.1)

Fig. 2

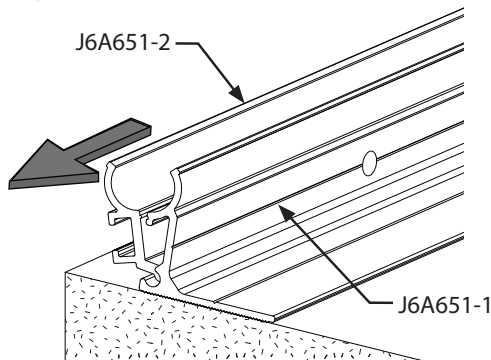
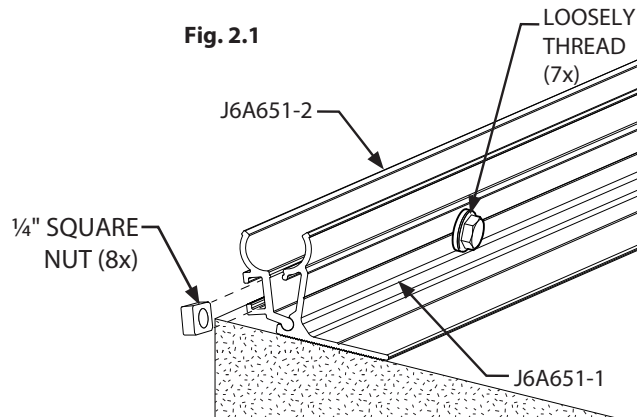


Fig. 2.1



- Position the two piece lateral slide assembly on curb located 1 1/2" [38mm] from joint edge. (See Fig.2.2)
- Mark predrilled hole locations as shown in figure 2.3.
- Remove frame from curb, and predrill marked holes on the curb using a 1/8" (3mm) drill bit to a 1 1/2" (25mm) depth.
- Install the two piece lateral slide assembly to roof substrate with stainless pan head screws through the predrilled holes. (7 per frame) (See Fig.2.3)
 - Offset back edge of two piece lateral slide assembly 2 5/8" [67mm] from joint edge or 1" [25mm] from front.

Fig. 2.2

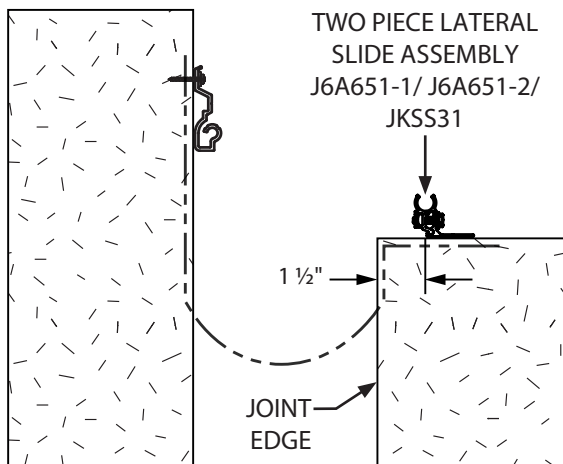
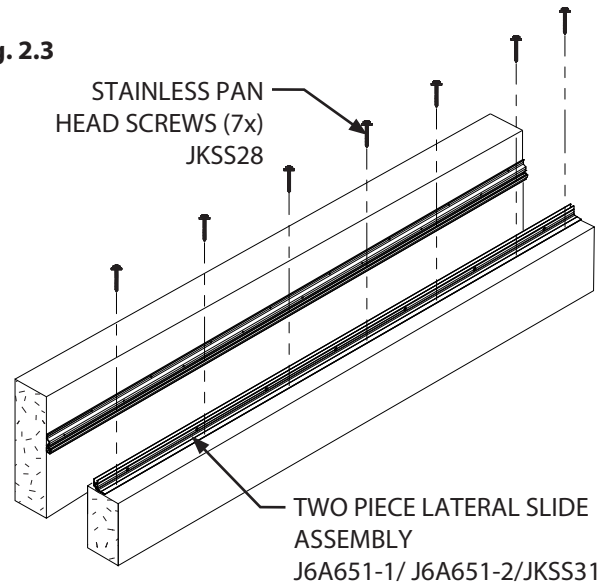


Fig. 2.3



Installation Instructions

Joint System: 650C-A02 Roof to Wall

Figure 3 Installing Cover Pan Assembly

12. Apply white lithium grease to cylindrical part of the roof to wall receiving hinge (J6A650-F).
13. Slide cover pan assembly onto roof to wall receiving hinge. (See Fig. 3)

NOTE: At the end of a run, pre-assemble roof to wall receiving hinge into cover pan before installing.

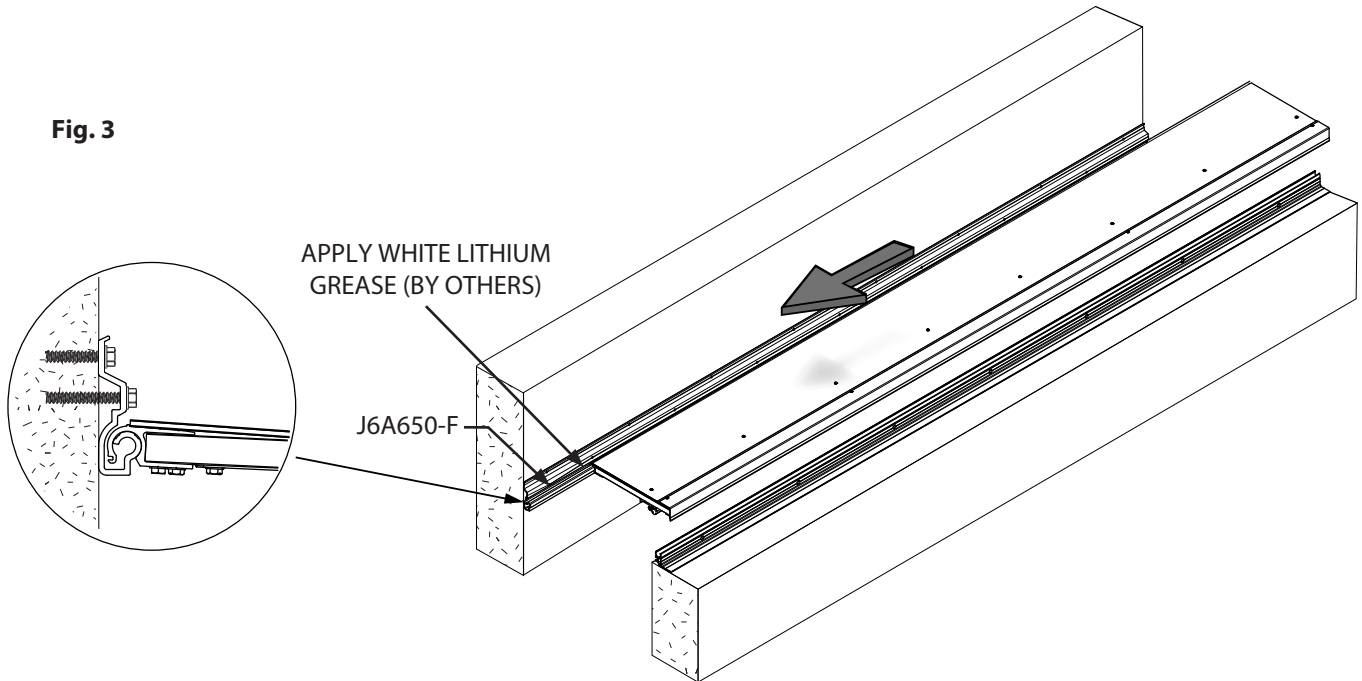
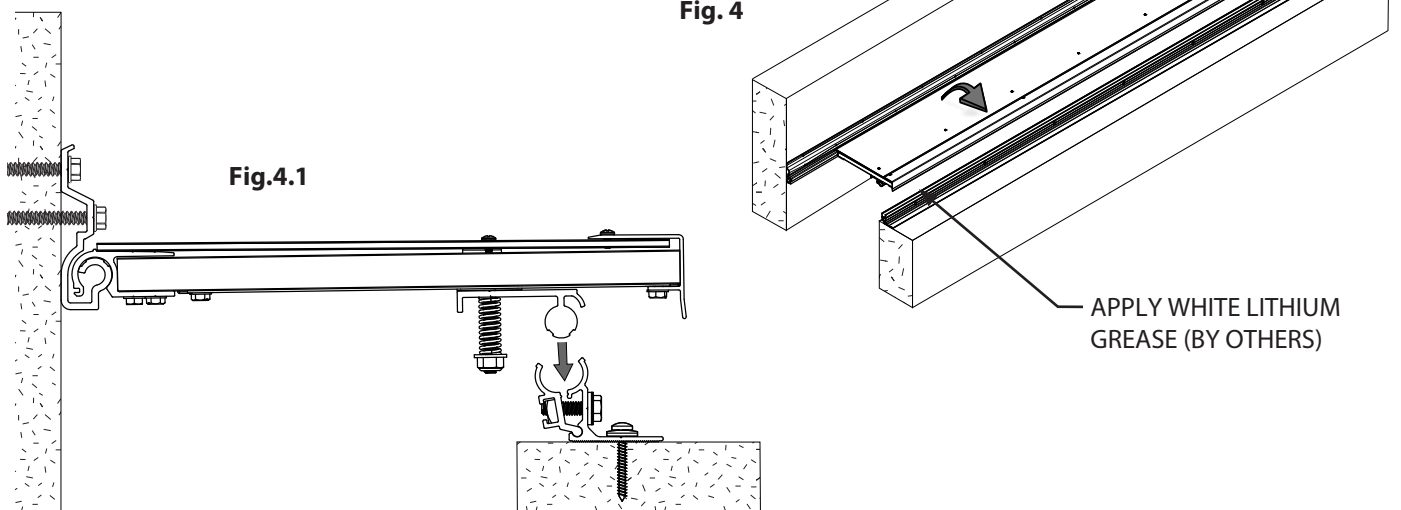


Figure 4 Installing Cover Pan Assembly

14. Rotate cover pan assembly, seating the lateral slide frame, into the two piece lateral slide assembly. (See Fig.4 & Fig.4.1)



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Figure 5 Installing Cover Pan Assembly

15. Make sure the cover pan assembly rests in the two piece lateral slide assembly. (See Fig 5 and 5.1)

16. Using 7/16" socket, tighten JK31SS. (See Fig.5.2)

Fig. 5

APPLY EXTERIOR SEALANT
ALONG LENGTH LENGTH
(BY OTHERS)

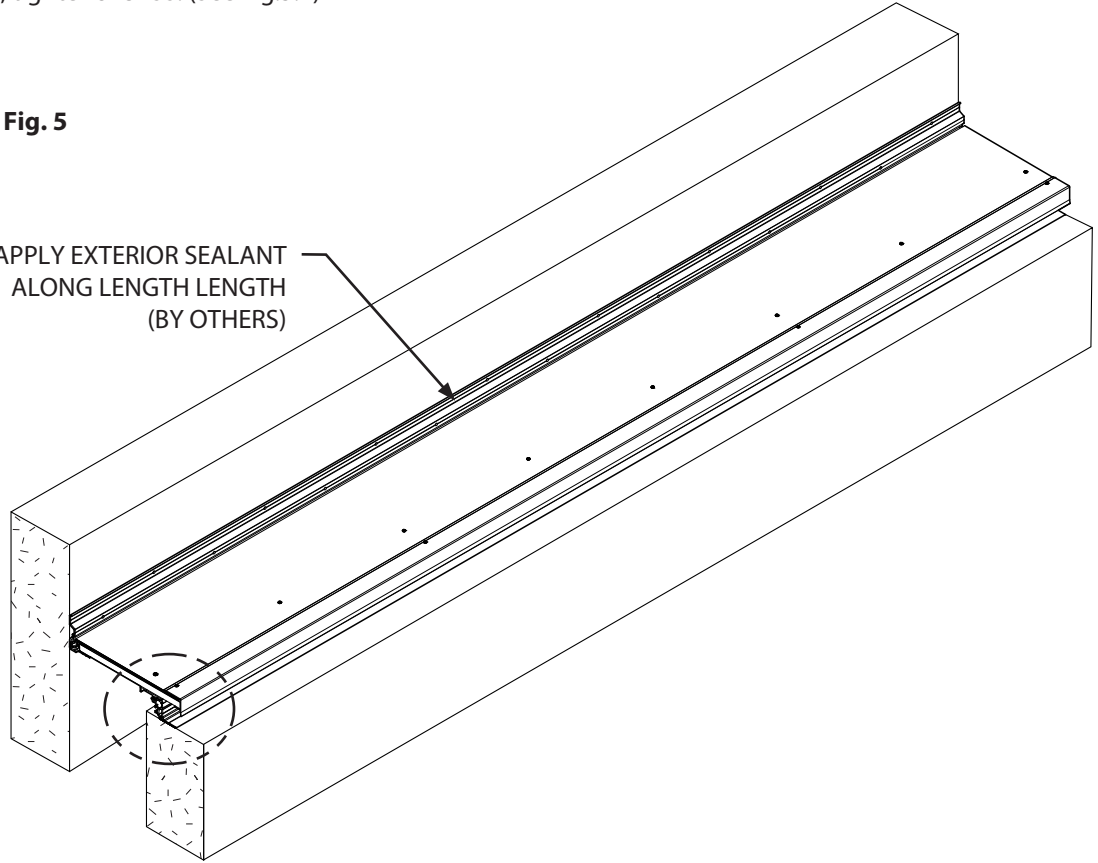


Fig. 5.1

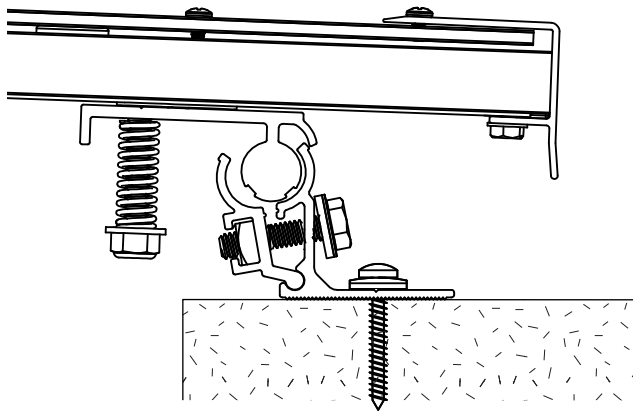
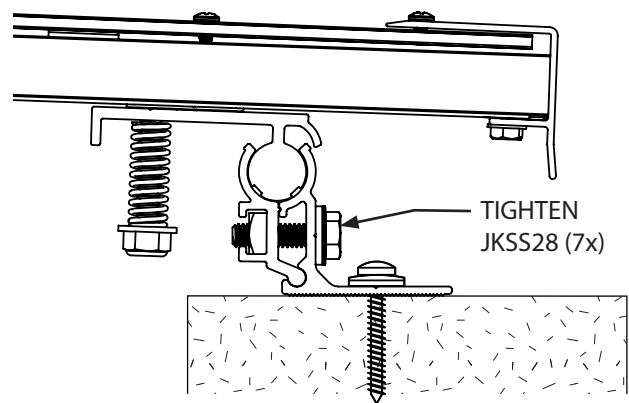


Fig. 5.2



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Figure 6 Installing Splice Plate

17. Clean area using isopropyl alcohol or denatured alcohol.
18. Center splice plate where cover pan assemblies meet.
19. Apply system seam sealant to top of cover pan assemblies as shown. (See Fig.6)
20. Secure splice plate with two sheet metal screws 1" from edge of splice as shown below. (See Fig.6)

FIG.6
A02 to A02

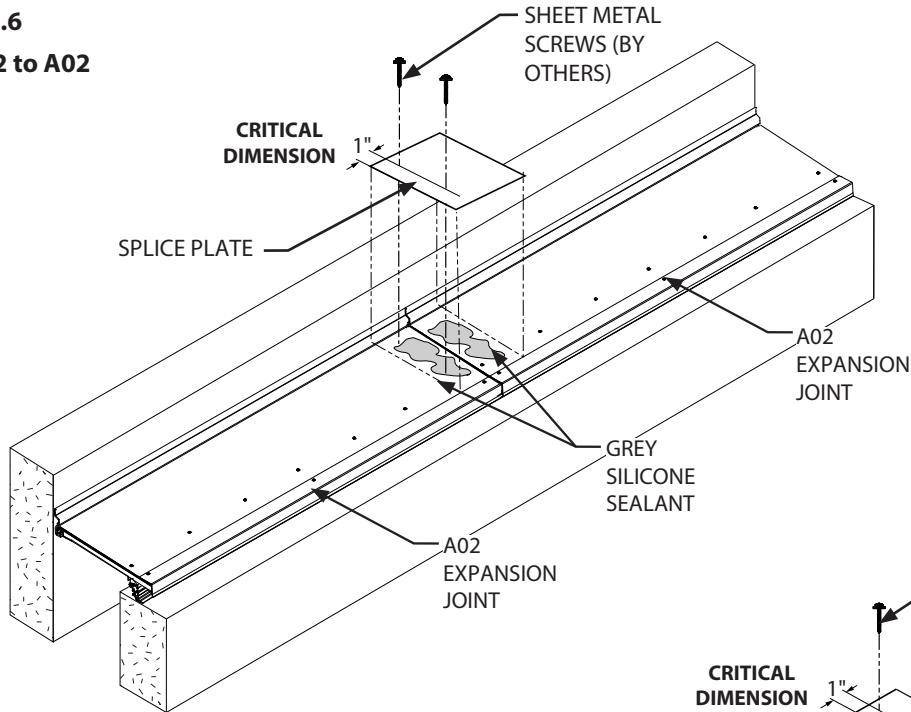
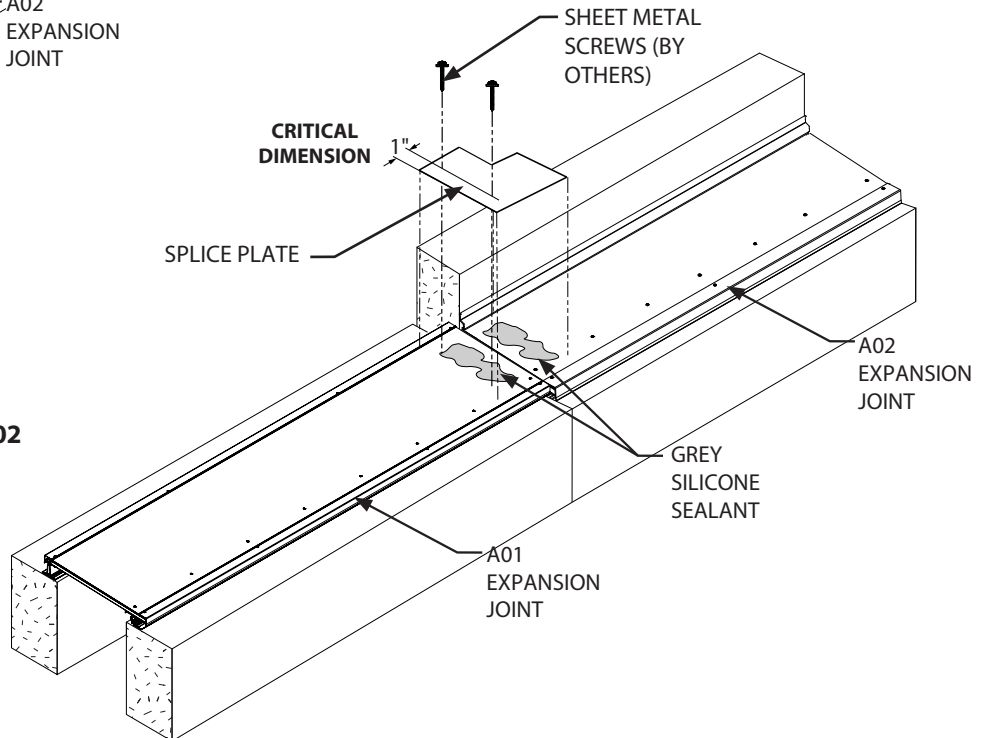


Fig.6.1
A01 to A02



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Figure 7 Cutting Cover Pan Assembly

19. Measure out the length of the final section of run. (See Fig.7.2)
20. Ensure the cut line is not over the horizontal arms of the system. If the cut line is in line with an arm, move cut to either side. It is recommended to keep the horizontal arms if possible. (See Fig.7.2)
21. Protect the face of the system by applying masking or painter's tape to the area of the cut. Use a T square or other straight edge to mark the cut line on the tape. Ensure the line is perpendicular to the sides of the pan. (See Fig.7.2)
22. Slide lateral slide against the parallel frame and secure with tape. (See Fig.7.1 & Fig.7.2)

Fig.7.1

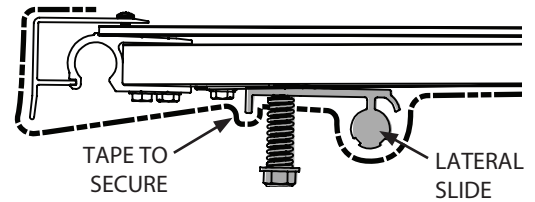
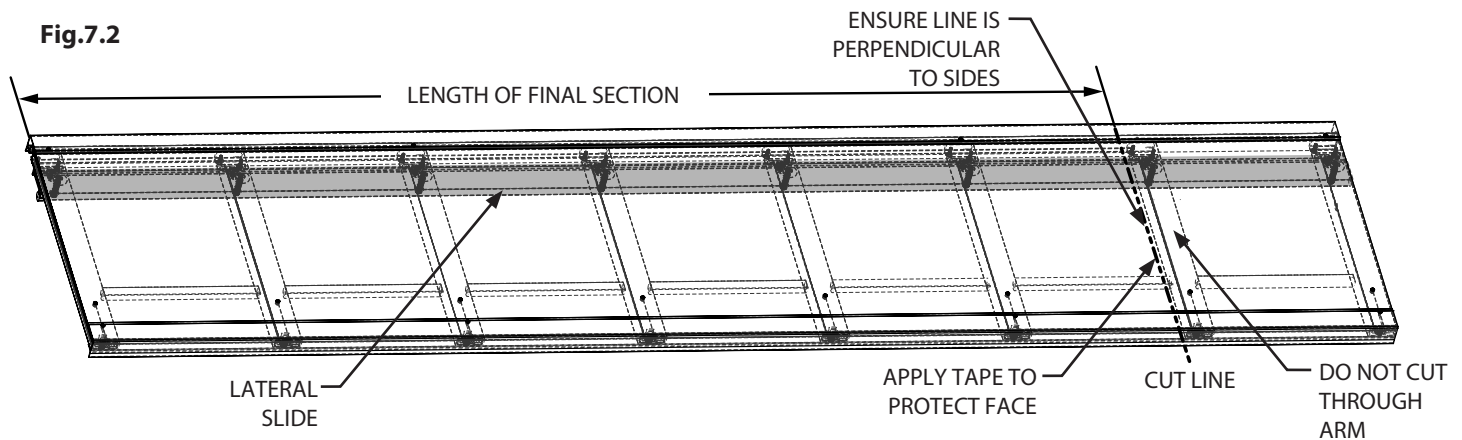
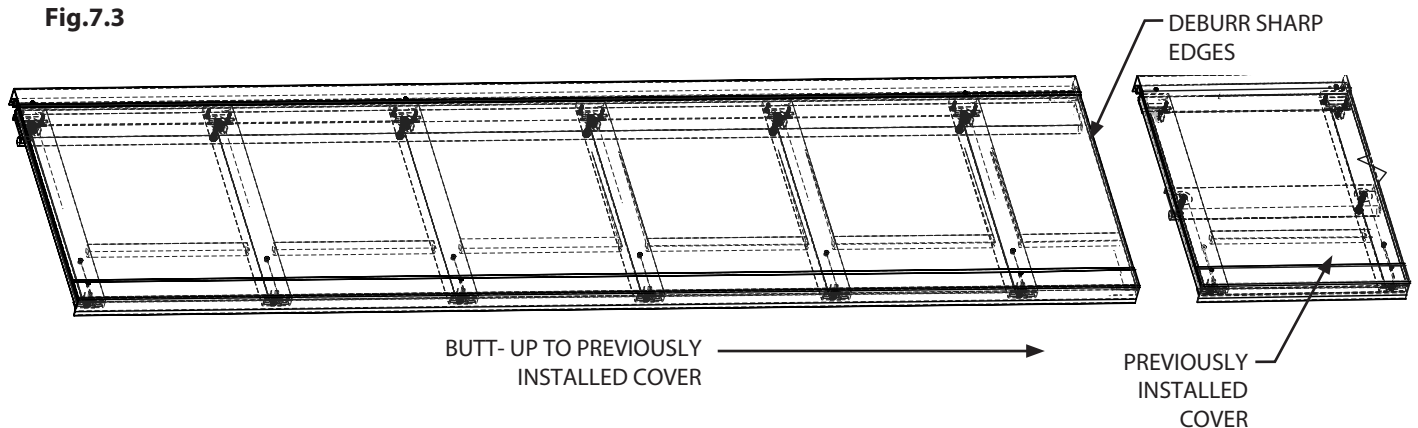


Fig.7.2



23. After completing the cut, remove the tape, and deburr any sharp edges around the frame with a metal file. (See Fig.7.3)
24. If cut removes a horizontal arm, cut the cover so the cut edge, abuts to a previously installed cover. (See Fig.7.3)

Fig.7.3



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