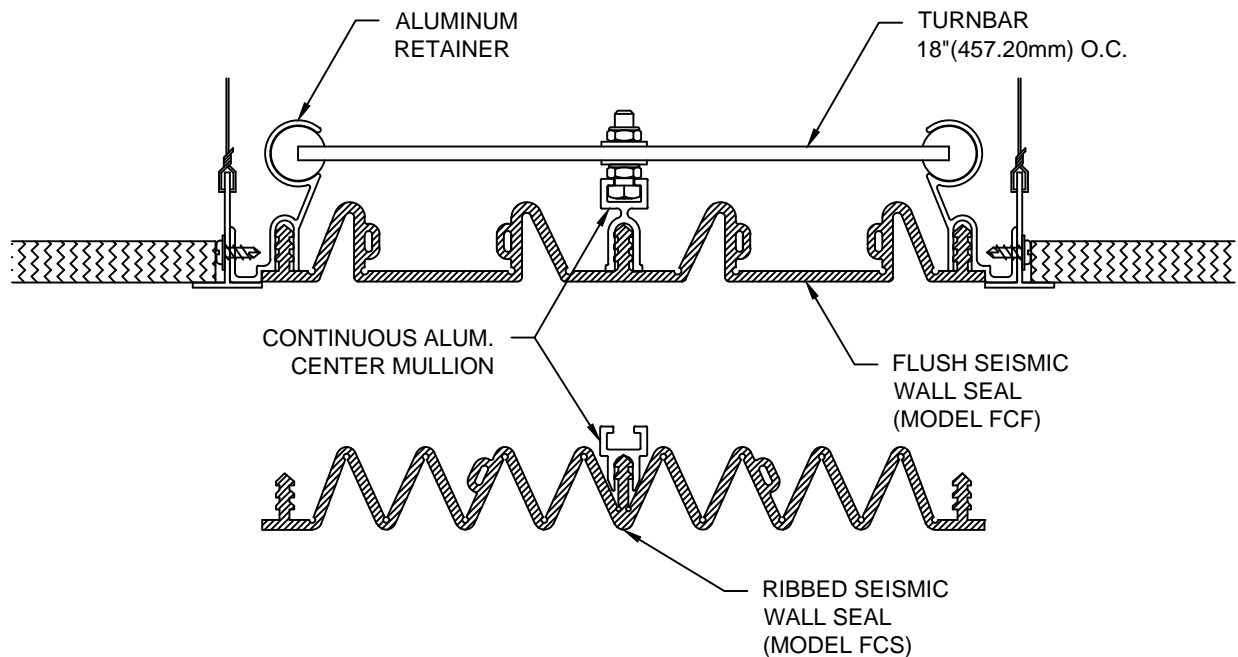


FCF/FCFC-600/1000 & FCS/FCSC-500/1000 SEISMIC INTERIOR EXPANSION JOINT COVER INSTALLATION INSTRUCTIONS

12NN



IMPORTANT INFORMATION

Prior to the commencement of Installation, all materials **MUST** be inspected for Damage. Any damage must be reported to CONSTRUCTION SPECIALTIES, INC., as soon as possible, so that replacement materials may be furnished without delay.

All work must be completed as per Architect's Approved "Shop Drawings", and in accordance with these Installation Instructions. When installation is complete, all materials must be protected from damage until the Architect's FINAL INSPECTION.

All materials should be arranged in the order that they are to be installed. All hardware required for each portion of the work should be placed with the appropriate materials.

Please review all Approved Shop Drawings and this Document to familiarize yourself with all the details and components of this assembly.

IMPORTANT:

READ THROUGH ALL INSTRUCTIONS PRIOR TO STARTING INSTALLATION

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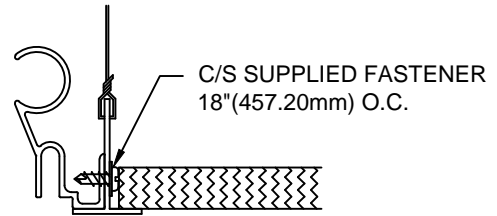
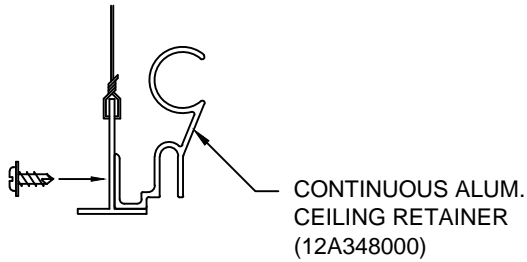
Construction Specialties™

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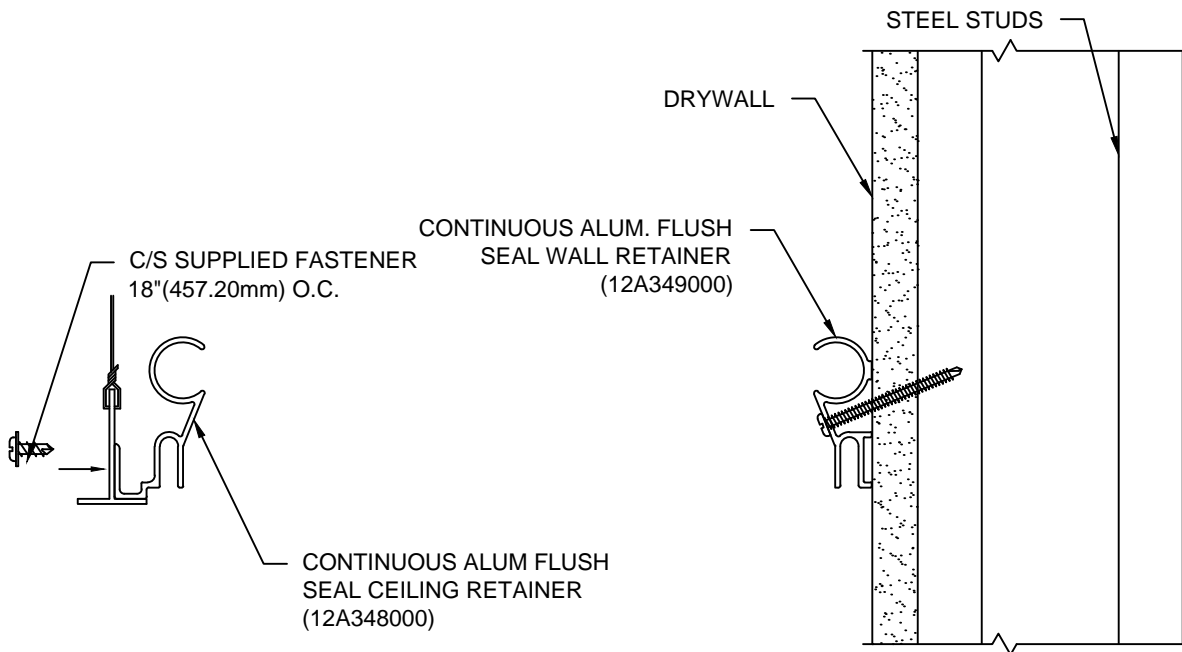
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STEP 1

INSTALLATION OF ALUMINUM TURNBAR FRAMES



FLAT WALL CONDITION



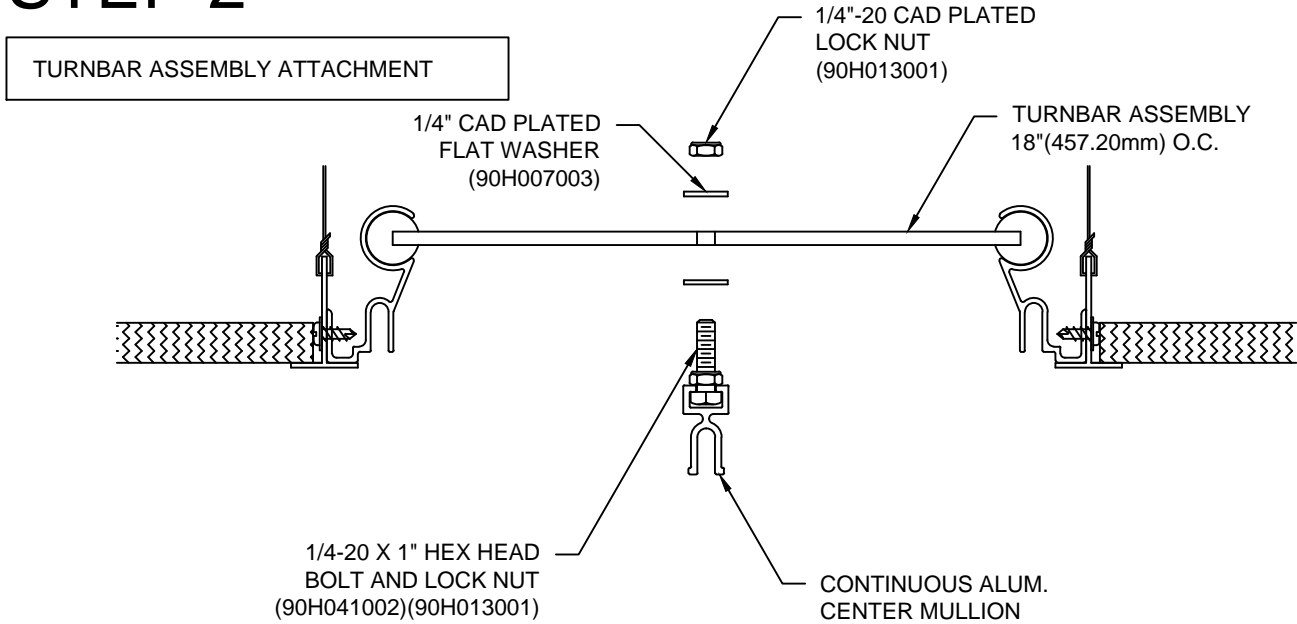
CORNER WALL CONDITION

- 1.1) Measure and cut the aluminum retainer to the appropriate length.
- 1.2) Position the retainer on the ceiling tee or wall as shown.
- 1.3) Anchor the retainer with the c/s supplied fastener.

NOTE: Depending on the wall construction, it may be necessary to pre-drill holes for the c/s supplied fasteners.

- 1.4) Repeat for installation of retainer for the other side of the expansion joint.

STEP 2

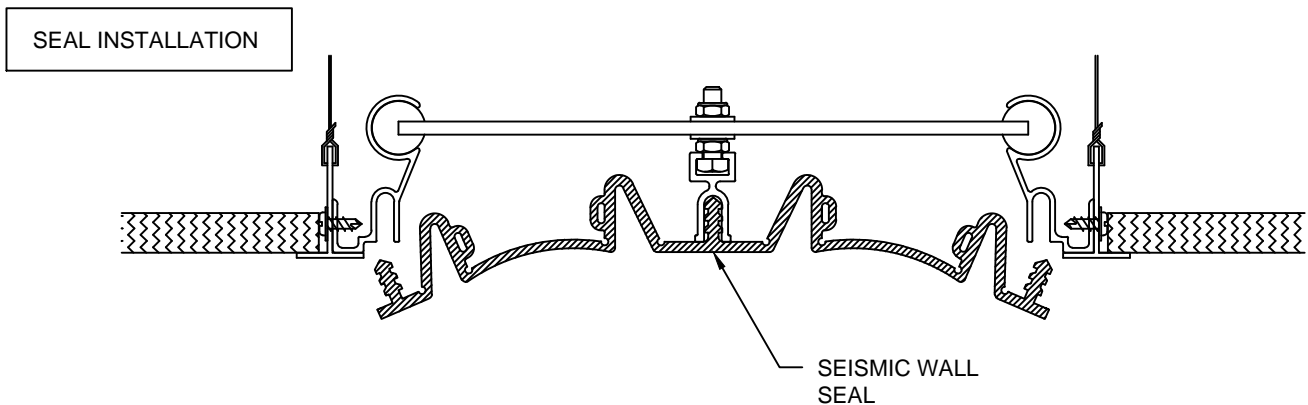


NOTE: 5" & 6" joints do not get a Turnbar.

- 2.1) Slide the head of a 1/4-20 x 1" hex bolt into the aluminum center mullion. Place bolts at 18"(457.2mm) on center. install 1/4-20 lock nut and tighten to keep bolt in proper location.
- 2.2) Slide turnbars into the aluminum ceiling retainers and match a turnbar to each 1/4-20 bolt on aluminum center mullion.
- 2.3) Install 1/4" flat washers to both sides of turnbar and install 1/4-20 lock nut.

NOTE: Do not tighten nuts until all turnbars have been matched to a bolt on the aluminum center mullion.

STEP 3



- 3.1) Cut the length of seismic wall seal as needed for the run (See Step 4 for cutting and splicing instructions). Starting at one end of the run, insert the seal into the center mullion receiver slot and then into the side frames. Note: Support the center mullion by hand when inserting the seal. Do not press directly against the turnbars.

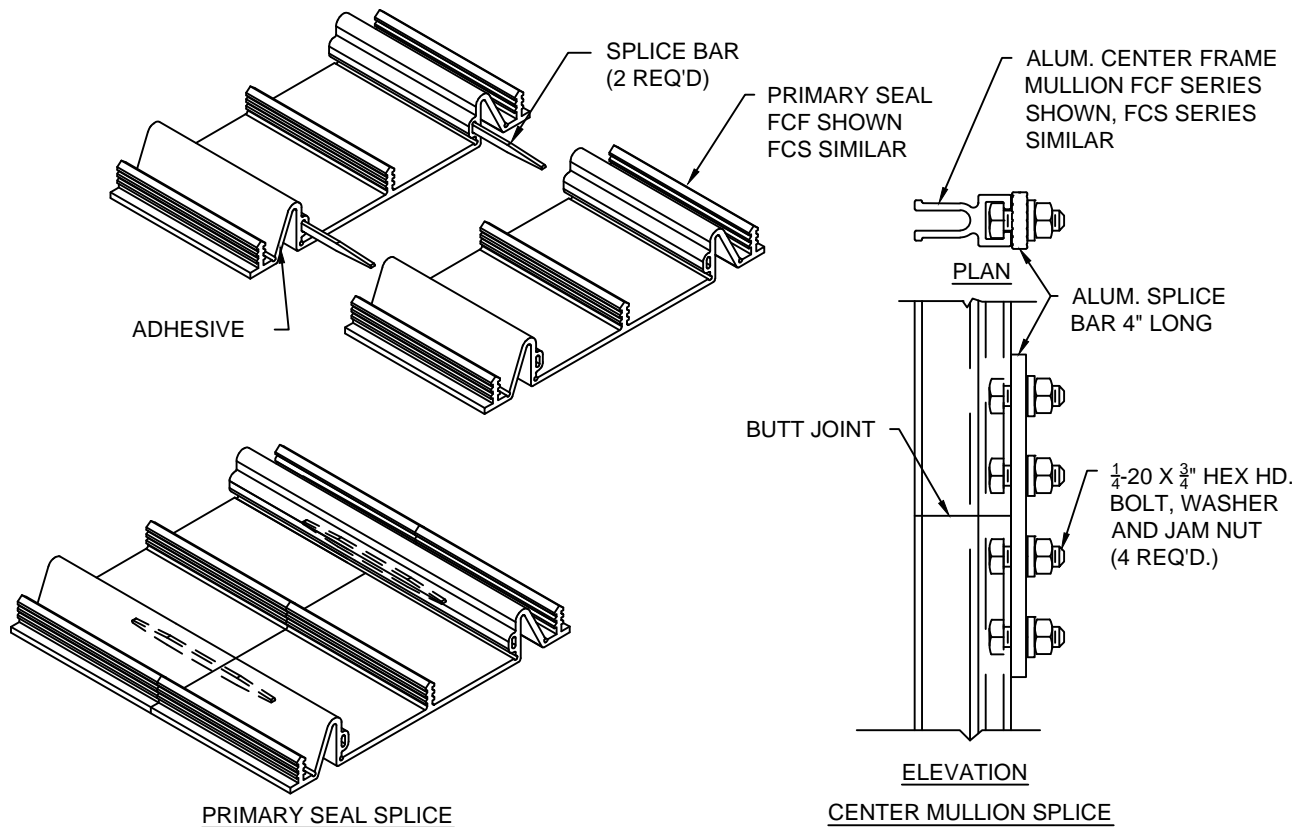
NOTE: In most cases hand pressure will be sufficient to seat the seal in the retainer. if necessary, you may use a rubber mallet and a wood block to gently seat the seal flush with the surface of the retainer.

Tip: If you spray the push in arrow with soapy water, the seal slides in much easier.

- 3.2) Any dirt may be removed by using an industrial strength cleaner. Installation of the expansion joint cover is now complete.

STEP 4

CUTTING AND SPLICE DETAILS



Step:4

CUTTING

- 1) Determine the length of seal required for the applicable area and measure and mark the seal.
- 2) Place the seal with the location to be cut into a miter box and flood the gasket area to be cut with water to lubricate the hacksaw blade.
- 3) Using a hacksaw and the C/S supplied serrated hacksaw blade, make the cut using long strokes while applying downward force when cutting. The cut should be made with as few strokes as possible in order to prevent a ragged end on the seal.

SPLICING

- 1) Wipe surface of the Splice Bars and the ends of the seals to be bonded with alcohol (or similar) to remove all dirt, moisture, and oils that might affect the bond.
- 2) When appropriate, apply "Super Glue" adhesive (Not Supplied) to half of each Splice Bar. Insert only the portion of the bar with adhesive into the splice bar slot of one of the seals. **IMPORTANT: PLEASE OBSERVE THE SAFETY PRECAUTIONS ON THE ADHESIVE CONTAINER!**
- 3) Apply the "Super Glue" adhesive (Not Supplied) to the entire cut surface of the Seal and the remaining portion of the Splice Bar.
- 4) Align the two ends of each Seal, insert the Splice Bar into the opposite seal and bring the ends of the seal together. Apply pressure against the ends of the seals until the adhesive has set.

CENTER MULLION SPLICE

- 1) Place (4) 1/4-20 x 3/4" hex bolts through the 4" long splice bar. loosely place a 1" flat washer and jam nut onto each bolt.
- 2) Insert the heads of two bolts into the top end of one center mullion and the other two bolts into the bottom of the adjacent center mullion.
- 3) Butt the end of the center mullions together and tighten the nuts.