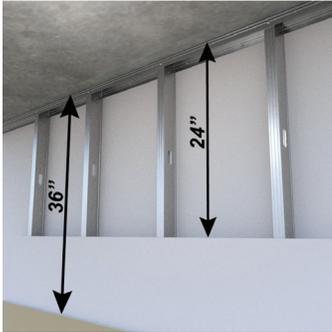The instructions below are directed to guide the retrofit of an existing wall, to remediate and install the ClarkDietrich's ProStud Motion Frame Connector. These instructions are in accordance with UL Design U4112 for 2 hr-fire-rated non-load-bearing cold formed steel stud wall.

Steps 1 & 2 - Remove 24 inches of the gypsum wall board from one side of the wall (exposing studs). For multiple layers of gypsum, remove an additional 12 in below the initial cut on the face layer.
Tip: carefully remove gypsum board as to not damage the flange of the existing studs and track
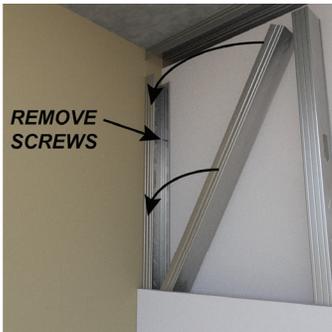

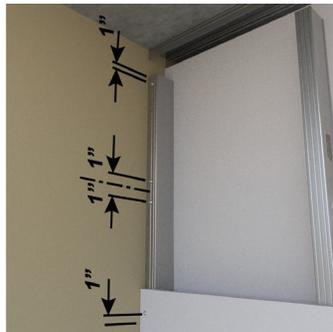**Step 3** - Cut the existing studs 3 in below the top of the wall.

Step 4 - Cut / remove existing screws and fasteners to allow for insertion of the ProStud into the track.
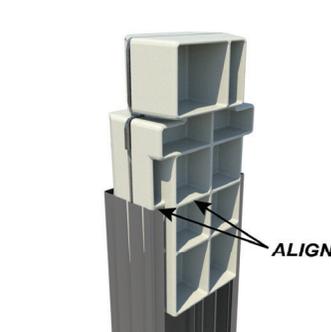*Tip: Tin snips or a rotary tool are recommened for removal of screws and fasteners*

Step 5 - Insert ProStud25 (min) in the top track. and fasten to deck at 24-inch on center.
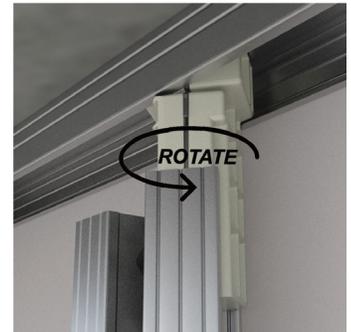*Tip: Ensure that existing track fasteners aren't interfering with the new ProStud25.*

Step 6 - At the start of wall, (on the perimeter studs), Cut / remove existing screws and fasteners and insert a 24-inch ProTrak splice over existing stud.

Step 7 - Attach the splice with fasteners 1-inch above the top and bottom edge of the ProTrak and 1 in above and below the center of the track on both sides of the wall.
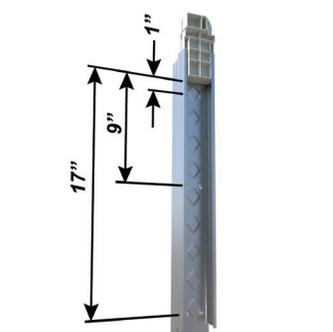

Step 8 - Motion Frame connector is inserted into a 20-inch (min) ProStud25 splice, aligning the top of the splice with the embossed sight line.

Step 9A - Twist the connector into the stud that is horizontally nested in the existing track.

Step 9B - Connector after rotated into position.

Step 10 - Attach splice with 3 pairs of #6 fasteners. Placement should be at 1 inch, 9 inches, and 17 inches below base of the connector.

Step 11 - install new 24-inch and 36-inch gypsum wallboard to patch the wall.

Step 12 - Tape and finish as required.

*ProStud 25 (15 mil) is the minimum material thickness for use with ProStud Motion Frame connector. Reference limiting height tables for stud-to-splice thickness.