Purlin to Rafter
Concealed Nut Connection - Flange Brace FB4_

**Erection Note**
Lap and attachment of Purlin varies refer to Roof Plan and Lap Detail for requirements.

Purlin Lap Symbol denoted on Roof Framing Plan

(2) \( \frac{1}{2}'' \) Bolts each end of Purlin lap

2'-2''

(2) \( \frac{1}{4}'' \) Bolts unless noted on erection drawings

\( \frac{3}{8}'' \) A325 Bolts

Clip CL196 at 8'' Purlin
Clip CL197 at 10'' Purlin
Clip CL198 at 12'' Purlin

Flange Brace FB4_ (when specified)

Attach Flange Brace to Rafter and "Field Bend" to attach to lower Clip hole.

\( \frac{1}{2}'' \) A325 Bolt each end.

Attach this Clip and Flange Brace with Bolts "Finger Tightened" as Purlins are erected to maintain stability. Un-bolt Clip to install Vapor Barrier Membrane (Not by Bldg. Mfr.). Pierce Membrane for Clip bolts and reattach clip. Fully tighten bolts via pretensioning method specified per job.

**Erection Note**
Flange Braces may be required one or both sides of Rafter.
For requirements, and locations at Main Frame and Rigid Frame in Endwall refer to "Cross Section".
For requirements, and locations at Bearing Frame Endwall refer to "Roof Plan".