Skew on Valley side Connection - Purlin to Rafter Hip Clip Details
with "Optional" Liner Flange Brace Connection

PC96_ Right Purlin to Rafter Hip Clip (shown)
PC97_ Left Purlin to Rafter Hip Clip (opposite)

Factory Welded Rafter Clip

Purlin
Skew/Valley Rafter

All bolts shown are \( \frac{3}{4} \)\( ^{\circ} \) A325.
Refer to \( \frac{3}{4} \)\( ^{\circ} \) A325 Bolt Grip Table for required bolt length.

Top View of Purlin to Rafter Connection

PC96_ Right Purlin to Rafter Hip Clip (shown)
PC97_ Left Purlin to Rafter Hip Clip (opposite)

Flange Brace (when specified)
FB4_, FB8 or FB9_
(For requirements and locations refer to "Cross Section" or "Roof Framing Plan". Attach Flange Brace to Skew/Valley Rafter and "Field Bend" to attach to lower Clip hole located 2'-4 or 5'-0 from center of Skew/Valley Rafter.)

Up Slope View of Purlin to Rafter Connection

Steel Line