Skew on Valley side Connection - Purlin to Rafter Hip Clip Details with "Concealed Nut" 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

Up Slope View of Purlin to Rafter Connection

Up Slope View of Purlin to Rafter Connection

All bolts shown are $\frac{3}{8}$" A325. Refer to $\frac{3}{8}$" A325 Bolt Grip Table for required bolt length.

Top View of Purlin to Rafter Connection

Clip CL196 (8" Purlin)
Clip CL197 (10" Purlin)
Clip CL198 (12" Purlin)

Clamp (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.)