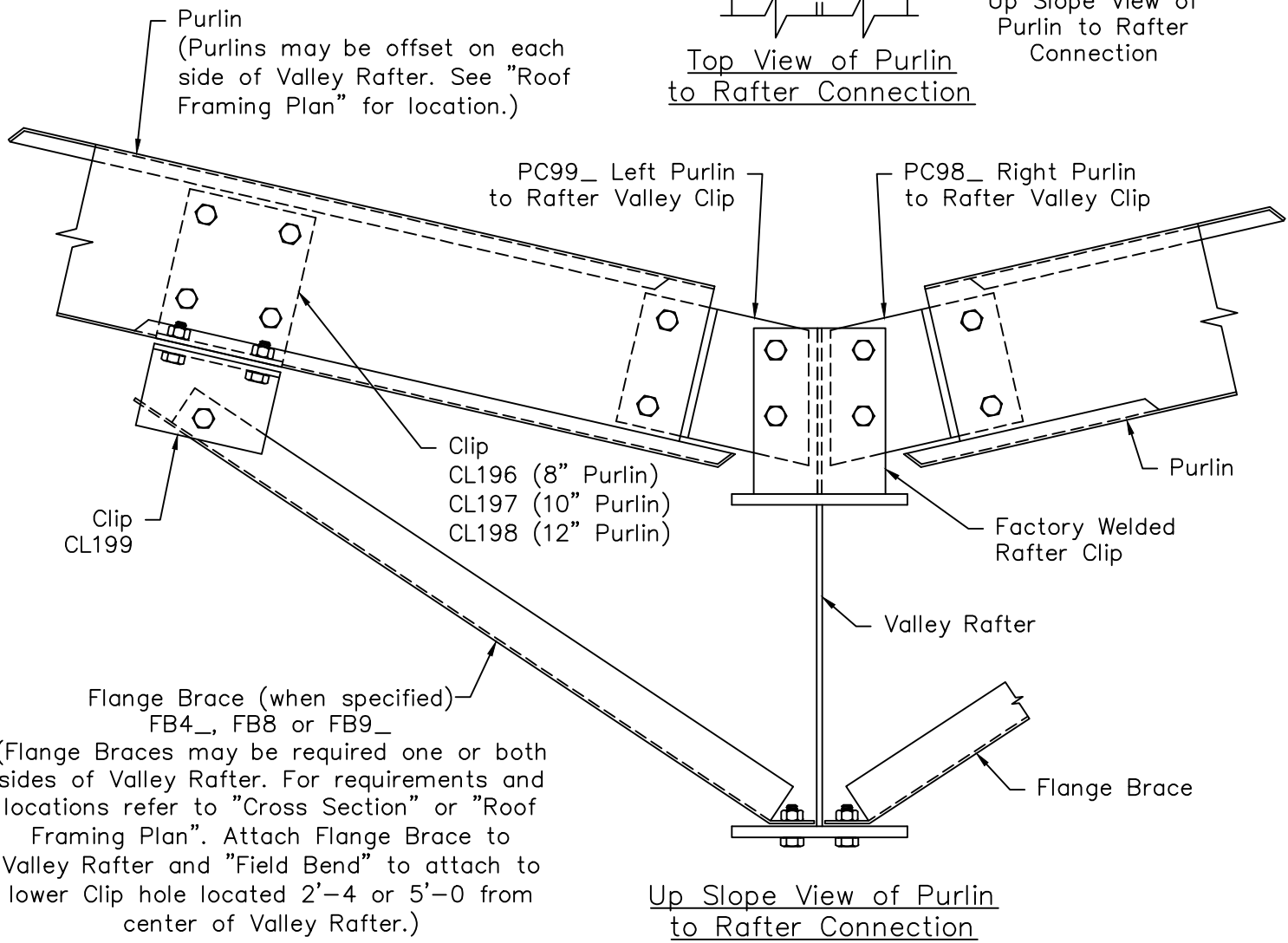
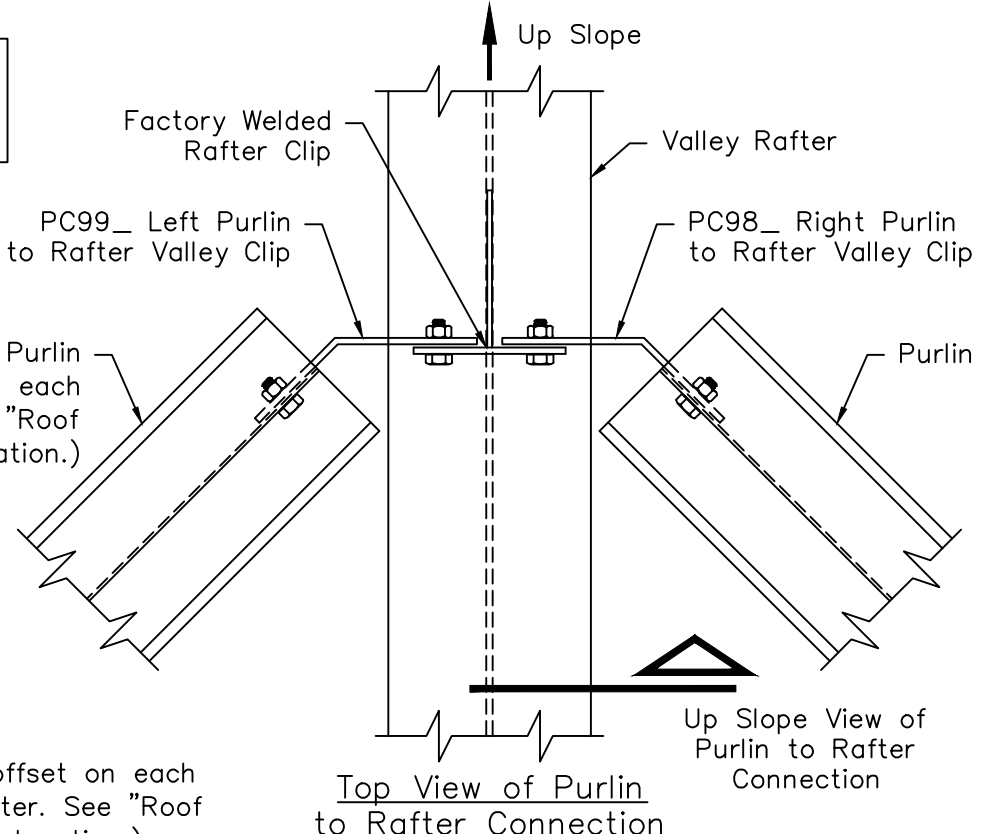


Valley Connection - Purlin to Rafter Valley Clip Details with "Concealed Nut" Flange Brace Connection

All bolts shown are $\frac{1}{2}"\phi$ A325.
Refer to $\frac{1}{2}"\phi$ A325 Bolt Grip
Table for required bolt length.



(Purlins may be offset on each side of Valley Rafter. See "Roof Framing Plan" for location.)

Purlin
(Purlins may be offset on each side of Valley Rafter. See "Roof Framing Plan" for location.)

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