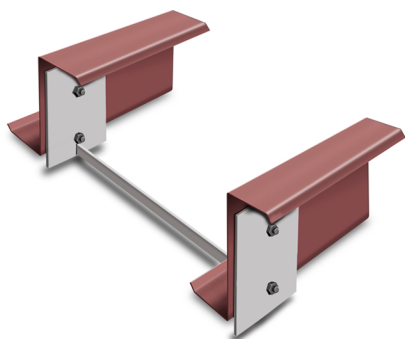




## Standing Seam Roof

The SNS® Purlin Strut System is designed to resist Purlin rotation in a Standing Seam Roof. The three available options are:

- Option #1 Universal Strut System** is designed to be adjustable, to fit purlin spacing.
- Option #2 Fix Purlin Strut System** is designed to brace specific purlin spacing.
- Option #3 Concealed Fix Purlin Strut System** is designed to brace specific purlin spacing in the bottom of the purlin cavity, this allows it to be concealed by a liner system.



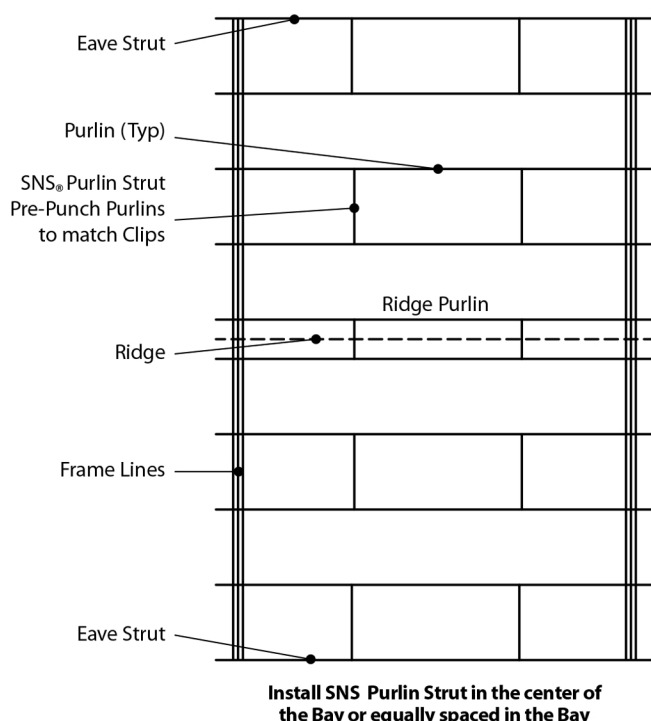
To install the SNS® Purlin Struts, all holes are to be pre-punched in the purlins by the manufacturer to insure accuracy and quick installation. To install the purlin clips to each purlin, bolt each purlin clip to the purlin.

SNS® Purlin Struts are designed to allow expansion and contraction in the roof. The Clip over the supporting frame also needs to allow for expansion and contraction. The height of that clip needs to be 70% of the purlin height. The SNS® Purlin Struts are to be placed in every other purlin row to allow for expansion and contraction of the roof deck. Do not install this product in every purlin space. (see illustration below)

The SNS® Purlin Strut System is designed to resist Purlin Rotation. (Illustration of the Fix Purlin Strut System, Patent Pending)

Test conducted indicates two SNS® Purlin Struts being installed in a 33' bay using an SSMR System. All Design Criteria needs to be evaluated by the Project Engineer. (see [www.sealednsafe.com/testResults](http://www.sealednsafe.com/testResults) for more information)

### Odd Number of Purlins Rows for each slope of the building



### Even Number of Purlins Rows for each slope of the building

