



RACK LOCATED OUTSIDE

For any storage rack that will be located outside, the project will need to be submitted to SKI for the proper design whether it is free-standing similar to what is shown in **Figure 1**, or is a rack-supported building / structure similar to what is shown in **Figures 2 and 3**.

In addition to the effects from seismicity (see *Steel King 'Design of Pallet Rack in Seismic Areas' technical report*), rack will also be subjected to the elements, such as wind, snow and rain. Even if it is underneath an overhead cover, it will still be subjected to wind loads.

For rack exposed to rain you should avoid packaging or containers where water can become entrapped or contained and lead to increased product weight.

Standard carbon anchors cannot be used for these applications per the anchor manufacturers. The anchors will need to be stainless steel.



Figure 1



Figure 2



Figure 3

