

Pre Engineered Buildings and Shelters



Pre-manufactured shelters and buildings are available in all sizes, materials and construction types. The smaller sizes are typically fabric covered metal or plastic frames with no foundation, these types of shelters are in most cases considered seasonal and are not designed for year round use.

This article applies to **permanent** year round use buildings and shelters only.

When purchasing a **pre-engineered** building it is important to not only discuss what you will be receiving from the manufacturer but also talk to your local government regarding building and planning regulations. As part of the purchase, the most common components provided from the manufacturer are the shelter itself and the sealed design drawings including a foundation design.

In addition to the information required on a building permit application, the following are also required when applying to construct a pre-engineered building.

1. The design drawings required for the building permit must state the climatic data including seismic for the climate zone of the site to be located according to the current BC Building Code
2. The structural engineer who designed and sealed the building design must provide a Schedule B and CB for the *design* of the building and be registered to practice in British Columbia.
3. If the engineer that designed the building is not supervising the construction of the building including the foundation, a second structural engineer will be required. The second structural engineer is required to supervise the construction in relation to the design of the building and provide schedules B and C-B to the building department.