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Special Building Loads Information Critical to Successful Project

How much can a few additional loads affect the cost and schedule of an NBG order?

More than you might expect!

Without enough information about materials “by Others” being added to the metal building structure, complications can arise for all parties involved. Because each special condition or load is unique, NBG engineers will require information about the load and its method of attachment.

Here are some guidelines to help avoid unnecessary costs and delays:

Connections are Critical

There is important information that needs to be provided about the connection methods of these special loads to ensure Engineering can provide an adequate structural design.

Here are the questions that will need to be answered:

1. How does the load attach to the metal building?
2. Where on the metal building does the load attached?
 - Does it attach to a column/rafter flange?
 - Does it attach to the web?
3. What material is to be provided by NBG?

*Ideally, this information should be provided as a sketch.

Detailed Information

Provide as much information as you can. This will help to quote and design as economically as possible. When special loads are being provided, be sure to note what load case it is (Collateral, Wind, Floor Live, Floor Dead, etc.). Include any dimensions to accurately locate the load on the framing. Include any special requirements for deflection, attachment, etc. If loading information is changed or added, contact your Project Coordinator immediately to minimize potential schedule impacts.

Communication is Key

If you have any questions or concerns about a load or special materials to be supported, please let your District Sales Manager, Project Coordinator or Estimator / Engineer know. They will work to clarify your need and identify any potential issues to avoid complications during the design and detailing process. We understand that each building comes with its own unique load requirements, and the best way to ensure you get a building that meets your needs and expectations is to involve us as early as possible, preferably at the quoting stage. Feel free to contact us anytime; we are here to help!