



# HOW IT WORKS

## How do Pre-Engineered, Prefabricated Steel Buildings work with Pre-Engineered Prefabricated MK5 Foundations?

First, let's look at **How It Works** Today. Steel building re-salers **price buildings all day long**, they run the computer pricing then pass the price to their phone rooms. So you buy a building based on price, wait 3-4 weeks for structural drawings, pay and wait for a Foundation Engineer, and then take the foundation drawings to a forming contractor and an excavator for pricing. Other than the pricing estimate the "**Salesman**" gave you, you had no idea of the actual cost.

## **MK5 Foundations and Steel Buildings are designed and priced at the same time.**

**MK5 Foundation computer pricing programs** work in conjunction with the Steel Building computer pricing programs. For Example: your building is designed with a frame spacing of 25'-0" MK5 carries the service load of that structure into their software to determine the proper foundation form required for that building, and price both building and foundation together.

Step 2, we adjust the steel building frame spacing down to 20' c/c carrying a lighter frame load. The MK5 software determines a foundation form based on the lighter frame.

**This building with the lighter frame is cheaper, so is the foundation.**

Step 3, 4 and 5, we adjust the steel building frame spacing to 12'-6" c/c creating an even lighter frame and find this is an even lower steel building price than the 20'. We run 10' frame spacing which is a higher price, then run it again at 17' frame spacing which is also a higher price.

We have just determined the absolute Best Steel building price for you, is frames at 12'-6" c/c.

MK5 Foundations are structural slabs and are designed using extremely high grade post tensioning thread bar. **The strength is in the steel, not the concrete.** Take a bridge that spans 1 mile which would require 100 strands of steel, if the bridge only spans ½ mile you would only need 50 strands of steel. The MK5 Foundation software prices the foundation based on the Steel Building Frame service load. If the building frames are spaced at 25' centres and require 10 strands of steel, the lighter frames at 12'-6" would only require 5 strands of steel, a huge saving.

**The MK5 Foundation pricing system will generate the most cost effective structure/foundation package for your project**

**Right Now!**