



PROJECT PROFILE:

BULK WAREHOUSING



A company which provides storage for bulk ore and other components for the steel industry, was faced with a need to store finished products which would not store efficiently in their concrete bins or their typical steel sided storage buildings. To fulfill this need, they required a building that would provide both flexibility and practicality in the storage of a variety of products.

Raffin Construction worked with the company and their pre-engineered building supplier to design a building to meet these needs yet one that was within their budget. The new building design consisted of a 100 feet wide steel structure with metal sides and roof which sat on top of foundation walls which project 8 feet above the concrete floor.



The piers for the building columns were designed to sit on the exterior of the concrete wall and rose to the same height as the wall. Also, the steel building frame used had low horizontal load reactions. This combination of clear steel width and height plus the strength of concrete provides for easy change out of stored product as well as areas which are easy to clean.