IPORT BEER STORE DISTRIBUTION CENTRE

CASE STUDY

OVERVIEW

This project serves as a new distribution centre for the Beer Store, allowing them to augment capacity. The 407,000 square foot facility is capable of storing 2.8 million cases of beer at any one time.

PROJECT DETAILS

Contractor: Maple Reinders
Architect: Ware Malcomb
Engineer: Steelcon
Contract Value: $3.5 M
Tonnage: 2,232 Imperial Tons

OUR ROLE

Supply and erection of structural steel, joists and metal deck.

APPROACH

Steelcon was awarded the design build contract for this project in 2020.

Serving as the main structural design consultant for the project, we were able to implement SIN beam throughout the roof system efficiently and effectively.

RESULTS

While a typical structure of this nature has very long span bays and would have, in some cases, utilized long span trusses, Steelcon was able to utilize large span SIN beam members, which in comparison were much more efficiently designed. This also assisted in the procurement process as at the time, long span trusses were facing extremely long lead times.

The use of SIN beam achieved optimal savings that were passed on to the client.

This design and structure are a prime example of SIN beams uses for an industrial building, where we have typically found it to be most effective.

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