



Welded Tube of Canada

With new fabrication equipment required for an increased product line, Welded Tube of Canada required removal of a pair of pre-engineered rigid frame building columns as shown to the right. The rigid frames also supported multiple cranes up to 10 tonnes.



After X-raying the floor to confirm buried service locations, the on-site work commenced with the excavation for new footings alongside the existing adjacent columns. Four new columns were installed and an 8'-0" x 10'-0" box truss 60'-0" long was lifted into place.



Upon completion of the box truss the original columns were cut off to allow a 10,000 sf clearspan area for the new machinery. The box truss takes the vertical and horizontal forces from the original rigid frames and cranes over to the new foundations



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