

PROJECT PROFILE



Rothsay Rendering faced the requirement of having to reduce odour produced by their process in two of their Ontario facilities. We worked with Pinchin Environmental Consultants, Geomatrix, and Hebel Sheet Metal on this odour abatement project. The concept was to channel all plant air to a massive concrete bio-filter where it would be cleaned and released to the atmosphere. We fabricated over 150 tons of galvanized duct bridges, duct saddles, support stands, platforms, stairways, catwalks, and handrails. We also fabricated the 200ft tall stainless steel stack where all filtered air is exhausted. A critical objective of the design criteria was to maintain a 1% slope on all ducting for condensation flow. Utilizing the latest digital scanning technology we took a scan of the site, buildings, all existing

objects of relativity, and all of the locations that would support our steel. Complete and accurate to within 1/4 of an inch over 300 meters we entered the information into the design system where it could be accurately measured and located. With site data now in the system, we were able to maintain the desired slope, could identify anchor bolts that were not accurately cast in the footings, potential and real obstructions and make critical design adjustments before fabrication. This system information saved countless hours of costly field rework. Our millwrights assembled, erected, and installed all structural steel, and machinery in a very timely manner. The results: Rothsay Rendering now has two cleaner, more environmentally friendly operations.

CUSTOMER

Maple Leaf

PROJECT

Rothsay Rendering Odor Abatement Project

LOCATION

Rothsay and Dundas, Ontario



Resource Industrial Group.