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Grimsby arena notches sound muffling win with ALL Sound Walls noise control enclosures

The Town of Grimsby, Ontario was hot on their outdoor ice rink, dubbed “The Friese Box.” However, the immediate neighbors were cool to the noise emanating from its generator and chiller equipment. So the Town got to work to find a solution.



Project at a glance:

Name: Grimsby Ice Rink Equipment Enclosures

Location: Grimsby, Ontario

Owner: Town of Grimsby

Engineer: GHD

Contractor: Peninsula Construction Inc.

Product: Silent Protector (Absorptive)

Sector: Municipal

Application: Commercial, Ice Rink Chiller and Generator Enclosures

Chiller Dimensions: 4 m tall, U-shaped, 3 m x 7 m x 3 m

Generator Dimensions: 3 m tall, L-shaped, 6 m x 6 m

Installation Time: Two weeks

The generator is located at the south end of the rink and the chillers at the north end — so two separate enclosures were required to keep the peace. A Silent Protector (Absorptive) System from AIL Sound Walls was picked for the project.

Noise barrier construction ran into unforeseen challenges

The first challenge was unearthed when the contractor discovered a gas line while excavating for one of the generator enclosure's columns. Quick action was required to come up with a solution.

Secondly, an electrician found, post-construction, that he could no longer open the access panel on the chiller, due to the location of the wall. Again, a quick solution was needed to ensure the rink could open on schedule.

Regarding the gas line discovery...

We were able to work with the contractor to design a custom post and get its production expedited so that the project wasn't delayed. This required quick action to get the post pushed through manufacturing and galvanizing and have it on-site in a few days.

Regarding the chiller access issue...

In collaboration with our project partners, we designed a solution that worked for all parties. Drawings were completed, material was delivered and the modifications were completed before the scheduled seasonal start-up of the ice-making equipment.

You might say that the project stayed in the “win” column, thanks to some end-to-end action, our engineering bench strength, a bit of overtime and all parties giving 110%.

About “The Friese Box”

The popular outdoor community rink is named after local running legend and long-time Grimsby Parks and Recreation Department employee, Jerry Friesen, who passed away suddenly while running in 2011.



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