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## Agway Metals Case Study | BILL AND HELEN NORRIE LIBRARY, WINNIPEG MB

In designing the building, LM Architectural Group was influenced by the local residential neighbourhood, which has mainly monoslope or gable roofs. The LM team designed the library as a “big house:” one storey with a gable roof that is similar to what is seen in the surrounding community.

The library uses a single profile in a single colour for both walls and roof. Wood, concrete and weathered steel are employed selectively as accents.

For the exterior cladding, LM selected Agway’s AR-38 profile in graphite grey from the ArcelorMittal Granite Deep Mat line in the Nature Collection. The dark colour helps the long low structure blend into its environment.

The graphite coloured panels clad the walls and then wrap up and over the roof. The architects collaborated with installers from Claude Simard Metal Systems Ltd. to achieve a clean-lined look.

“On the gables they wanted shorter sheets with intermediate laps,” explains Simard. “The architect wanted to really see a nice pattern.”

A key challenge in achieving clean lines was the eaves-trough. Simard designed a two layer system. The inner liner is formed from 18 gauge which is then hidden with a cover fabricated from AR-38.

The challenge was both aesthetic and practical. “Making sure it drains properly... was quite a challenge,” says Simard.

“Often it’s job site details that need a lot of attention. Some require mock-ups to see how things will look. Some require a lot of last minute refinement. We always work with our customers and try to achieve the look and the finish that they want.”



The Bill and Helen Norrie Library is constructed in a section of Winnipeg formerly known as Rooster Town, home to a vibrant Métis community. The families who lived there faced years of harassment and were ultimately evicted by the City of Winnipeg in 1959 to make way for urban expansion.



In its design, the library references both the homes constructed after the eviction and the few original Rooster Town houses that still stand today. Inside the building, the Winnipeg Public Library provides a range of resources for people to learn more about Rooster Town and the Métis.



ORIGINAL ARTICLE STEEL DESIGN MAGAZINE SPRING 2022 - JULIA PRESTON

#### PROJECT

Bill and Helen Norrie Library

#### ARCHITECT

LM Architectural Group

#### ENGINEERS

Tower Engineering

#### APPLICATOR

Claude Simard Metal Systems Ltd.

#### AGWAY PRODUCTS USED

AR-38

Colours: Graphite Grey

