

Historic Renovation | Adaptive Reuse

Evanston Roundhouse

Evanston, WY





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A Project of Colossal Scale

The Union Pacific Roundhouse and Machine Shop was built in 1871 and was actively used by the railroad until 1998. Almost immediately city officials envisioned a new future for the historic buildings as an event center that could generate income for the town. Renovations to the first of four sections of the Roundhouse began in early 2008, including addressing some impressive fenestration needs, with rough openings more than twenty feet wide.

The challenge was to duplicate exactly what was there from the beginning. Marvin® Ultimate Double Hung Magnams were used to replicate the look of the original windows and create units that could both fill the space and support the heavy expanses of glass. A special 9" space mull was developed to satisfy historical criteria, and a custom 2" thick sash was created to carry the load of large expanses of glass. Brick Mould casing and sill details were duplicated to meet historic accuracy requirements, and were fabricated in extruded aluminum clad to address maintenance required in harsh Wyoming winters.



Project Highlights

Specs

Project Type

Historic Renovation / Adaptive Reuse

Building Type

Railroad Roundhouse

Units and Applications

Marvin Magnum Double Hung with 2" checkrail units, Casement wood sashes and Picture Windows, all with custom casings, 7/8" SDLs and Wineberry clad exteriors.

Architect

Myers-Anderson

Contractor

Hogan and Associates

- ☒ During the bidding process, only Marvin was able to provide a prototype that satisfactorily duplicated existing detail.
- ☒ The original criteria dictated re-use of existing operating windows with wood trim. The realities of conducting an in-budget, on-schedule renovation made it apparent that custom aluminum-clad Marvin units were a better solution.
- ☒ Clad Ultimate Double Hung Magnams with 2" checkrail units were used, enhanced by 7/8" Simulated Divided Lites with spacer bars. Windows are fixed; the sash are offset to create a true operable double hung look.
- ☒ The original doors now frame windows. In these openings, wood picture window sash were used so that the exterior surfaces would fade and weather at the same rate as their wood frames.



MARVIN SIGNATURE

THE MARK OF AN ORIGINAL