



MPS Townsend Street School – Proposed Window Replacement

Project Summary Statement

The Townsend Street school, located at 3360 N. Sherman Blvd. was constructed in 1928. The school was designed by Guy E. Wiley, Chief of the Construction Division of the Milwaukee Board of School Directors. This building displays elements of the collegiate gothic style which is seen in the building fenestration and highlighted in the parapets, buttresses, and other decorative carvings of the facades. The building elevations are brick with stonework details throughout.

The existing single-pane wood window system is disintegrating rapidly and needs to be replaced with a historically accurate energy efficient system. The window system that we are proposing is one of the most economical windows systems available. This double pane aluminum system (with an insulating gas between the panes) offers an energy efficient system and has been utilized for historic building window replacement projects throughout the United States. The installation of this energy efficient system will bring comfort to the building occupants and reduce energy costs for the overall facility. The system that we are proposing also provides a minimal maintenance window system, which is important to MPS. Aluminum extruded frames are more durable and require less maintenance than wood frames. Aluminum frames are resistant to warping and cracking as well as insect damage which are common issues with wood frames that are in poor condition. The lifespan of aluminum extruded windows is significantly longer than that of old wood frame windows. This means fewer replacements and repairs over time, contributing to lower long-term maintenance costs. Aluminum frames are limited maintenance, and they don't require regular painting or sealing like wood frames do. This reduces the time and money spent on upkeep.

Additionally, the windows offer a healthier environmental impact by reducing energy consumption. This not only saves money but also decreases the carbon footprint of the facility; thusly contributing to environmental sustainability. Aluminum is a highly recyclable material making it an economically friendly choice. When it is time to replace these windows, the frames can be recycled rather than ending up in a landfill.