



PROJECT: Perth County Courthouse, Stratford, Ontario

SPECIFIER: Garratt & Marklevitz, Architects

PRODUCT: Optimum Series Awnings, Sandalwood exterior
Douglas Fir interior

QUANTITY: 140

PROJECT REQUIREMENTS:

The architects required the courthouse, built in the late 1800's to have windows with the strength and low maintenance of commercial aluminum exteriors and the warmth of wood on the interior. It was crucial to maintain the original oversize double hung window appearance and configuration, Optimum Series Awnings suited this condition admirably.

Custom jamb depths were needed to preserve the original frames and intricate interior trim as these could not be replaced. Additionally, existing wood mullions had to be matched with aluminum SDL's in order to preserve the historic look of the building.

OUTSTANDING FEATURES:

Despite stringent and numerous design changes and specifications, the Optimum Series Awnings with clear Douglas Fir interior provided the answer to all criteria. The standard low maintenance extruded aluminum exterior with baked enamel finish was the answer to the architects' strength requirement. Aesthetically, Optimum Series standard Sandalwood color perfectly suits the style and color of the building on the exterior. Clear Douglas Fir frames and interior profiles are an excellent match to the original aged pine frames and trim.

The Optimum Series Awning window met all structural and design requirements, as specified by the architects and town council. It also meets CSA requirements with; A3 for air tightness, B7 for water tightness, C4 for windload resistance and F1 for forced entry resistance. The result is not only a highly efficient, visually attractive window to compliment this fine historic building.