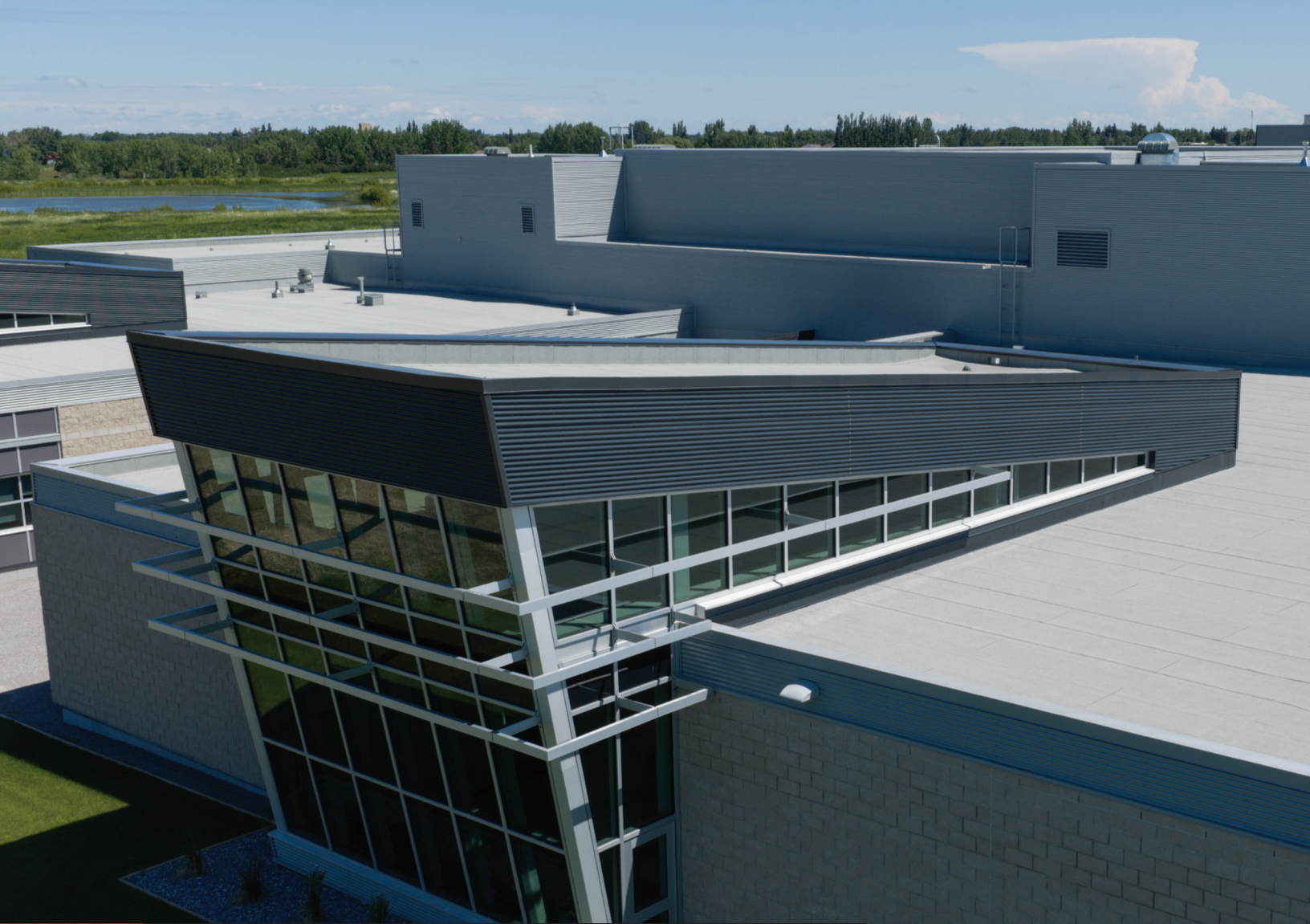




Coaldale Prairie Winds Secondary School and Shift Community Recreation Centre

COALDALE, AB

PROFILE



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Coaldale Prairie Winds Secondary School and Shift Community Recreation Centre

COALDALE, AB

Building	Secondary School and Community Recreation Centre
Location	Coaldale, AB Canada
Roof Size	Rec. Centre: 43,000 sq. ft. High School: 83,400 sq. ft.
Project Start	January 1, 2023
Project Completion	May 15, 2024
Client/Owner	Town of Coaldale
Architect	Ferrari Westwood Babits
General Contractor	Ward Bros. Construction
Roofing Contractor	Triumph Inc. Calgary



The Challenge

FWBA Architects were selected for the facility design. FWBA Architects, founded in 1928, may be the oldest continuing architectural practice in western Canada. Their work ranges from small renovations to complex institutional projects for health care, seniors care, schools (secondary and post-secondary), civic affairs, arts and culture.

The roofing contractor was the Triumph Group of Companies, Calgary, which offers a comprehensive selection of options to provide roof systems that align with construction and capital needs. Their extensive portfolio gave the owner choices with both hot roofing and single-ply systems. Past projects include high-rise complexes, transportation hubs, commercial structures, and industrial buildings, health care centres, institutional facilities, educational projects, and municipal sites.

The Project

IKO was selected to provide the roofing for both a heat-welded SBS roofing system for the Coaldale Prairie Winds Secondary School and an Innovi™ TPO system for the Shift Community Recreation Centre in Lethbridge County, Alberta, Canada.





The Solution

The 43,000-square-foot recreation centre and the 83,400-square-foot high school were located in a high-wind area, requiring diverse roofing solutions.

Rod Swartzenberger, facilities services supervisor of the Palliser School Division, spearheaded the project. The specifications for the school were a fire-rated PrevENT™ system and for the roof of the recreation centre IKO Innovi™ TPO 60-mil membrane was selected.

IKO InnoviTPO Single-Ply Roofing System		IKO Conventional Mod-Bit Roofing System	
Membrane	InnoviTPO 60-Mil	Membrane Cap	PrevENT TP-HD-Cap heat-welded cap sheet
Adhesion	InnoviBond™ Membrane Adhesive - SPR	Cover Board	Protectobase™ 180 composite panel
Fasteners	IKO InnoviFast™ Screws and plates to meet wind uplift requirements	Insulation	IKOTherm™ III
Insulation	IKOTherm™ CoverShield Polyiso HD Cover Board	Insulation Fastener	Millennium Adhesive
Insulation Fastener	Millennium™ Adhesive	Vapour Barrier	IKO MVP Modified Vapour Protector
Vapour Barrier	IKO MVP™ Modified Vapour Protector		

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