

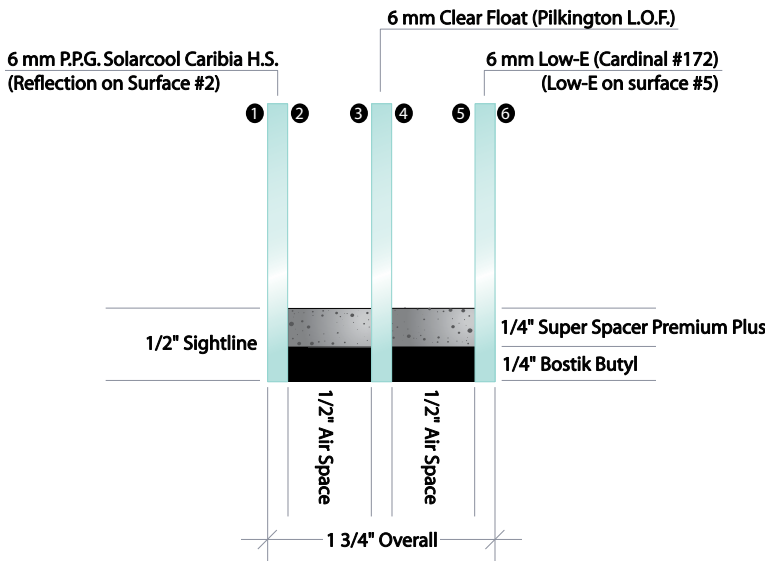


## SHINDICO REALTY HEADQUARTERS WINNIPEG, MANITOBA

This is a region of North America where winter thermometers can see 40° below zero (F), and where summer temperatures can soar into the nineties. When Shindico Realty, a major Western Canadian real estate development firm, set out to plan its new corporate headquarters here, as a showplace for "how to build green in an extreme environment," it aimed for LEED certification.

LEED stands for Leadership in Energy and Environmental Design. A voluntary, consensus-based certification program sponsored by the U.S. Green Building Council, LEED provides standards and recognition for high-performance, sustainable buildings.

Says Northwest Glass' Southby, "We use nothing but Super Spacer Premium Plus in all the high-performance IG units we make. It has excellent condensation resistance as well as superior thermal performance and durability."



## TECHNICAL DETAILS OF THE PROJECT



### THE CLIENT

Shindico Realty

### THE PROJECT

Constructed 2004-2005  
Building Size: 22,000 sq. ft.

### CONSTRUCTION

Window Fabricator: Alumicore, Inc.

Frames: high-performance curtain wall

Glass System Fabricator: Northwest Glass Products, Inc.

All exterior glazing units are 1-3/4" overall thickness. All windows are 8' x 8' with applied bronze muntins. The glazing system's second cavity is Argon gas filled.

The exterior first lite in the triple-pane glazing system is PPG Solarcool Caribia, a tempered aqua-green spectrally selective glass, chosen for reduction of solar heat gain and medium reflective appearance. The second (middle) panel is clear float glass, made by Pilkington L.O.F. The third (inboard) panel is Cardinal 172 soft-coat Low-E glass with the coating on the #5 surface.

Both 1/2" cavity air spaces are separated by Quanex's black Super Spacer Premium Plus. The 1/4" thick silicone, NO-Metal Warm Edge spacer is backed by 1/4" Bostik butyl sealant.

Keith Rankin, Cooper Rankin Architects - Winnipeg

Tel: 204.453.7841

### ARCHITECT

### CONTACT

