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## Phoenix corporate campus controls sun, maximizes daylight

April 29, 2008  
COMMERCIAL

*"Each building façade was designed to respond to its own exposure with deep set windows; horizontal metal shade fins were utilized on the southern exposure to control the harsh southern light."*

—from the project's American Institute of Architects' Nevada entry, for which it received an Honor Award



**The basics:** The \$107 million, 630,000-square-foot Riverpoint Center, completed in November 2007, provides office space for more than 6,000 workers employed by Apollo Group's corporate headquarters and online operations that support the University of Phoenix and other educational programs. Architects designed the buildings along the site's east-west axis to bring as much natural light as possible into the open office spaces. High-performance insulating glass mitigates solar heat gain and the adjacent freeway noise.

**The players:** Architect, **Carpenter Sellers Architects**, Las Vegas, and **SmithGroup**, Phoenix; general contractor, **Sundt Construction Inc.**, Tempe, Ariz.; glazing

contractor, **KT Fabrication Inc.**, Chandler, Ariz.; glass fabricator, **Wausau Window and Wall Systems**, Wausau, Wis.; glass manufacturer, **Viracon**, Owatonna, Minn.; curtain wall fabricator: Wausau Window and Wall Systems; curtain wall finisher, **Linetec**, Wausau, Wis.

**The glass and systems:** Viracon supplied Solarscreen 2000 low-E V6-2M, 1-inch vision glass and 0.25-inch spandrel glass and, for the first floor, Radiant low-E VRE-59 1-inch vision glass. Aluminum curtain wall has an Aluminum Association Class I clear anodized finish. Wausau fabricated 186,000 square feet of window system including vertical silicone glazed 8750 STX wall that supports sun shades, 7250 unitized four-sided silicone glazed curtain wall, 4 ¾-inch-deep RX-Wall system in a vertical strip application, 6 ¼-inch-deep RX-Wall system in punched openings, and 8 1/4-inch-deep SuperWall system for the lower levels.

*Photo courtesy of Carpenter Sellers Architects, Las Vegas.*

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