

# WEST<sup>®</sup> ARCHITECTURAL

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## Sustainable Design

### Public Works Project Highlights Sustainable Design

by Jaimie Kasperowicz, Larson O'Brien Ad/PR

The Windsor Corporation Yard has expanded facilities for both personnel and equipment for the Windsor, Calif., Public Works Department in a project that features many sustainable-design elements and the benefits of a single-source supplier of exterior metal walls and roofs.

"Centria's SRS® roof and IW Series wall panel profiles in three colors were specified for this project," says Gary Smith, Centria's San Francisco district sales manager. "Centria offers a comprehensive line of products that meet many design challenges. Single-source responsibility means everyone involved in the project benefits from increased sales and engineering support and seamless product integration."

Public Works services operating from Windsor Corporation Yard include water, wastewater treatment, reclaimed water distribution, street maintenance, building maintenance, and park and street landscape maintenance.

"Our Centria sales representative gave us an excellent presentation on the long-term performance advantages of Centria," explains Erwin Won, senior project architect, Hardison Komatsu Ivelich & Tucker

Architects, Oakland, Calif. "Using several high-quality products with a consistent overall appearance, from a single source such as Centria, is certainly an advantage."

The project specified Centria's SRS3 structural standing seam roof and IW Series concealed-fastener profile panels. This includes 44,805 square feet of SRS3 roof panels in 22-gauge Galvalume® Plus AZ55, approximately 13,475 square feet of IW-30A wall panels painted Surrey beige and Champagne gold in 20-gauge G90 galvanized steel, and approximately 5,266 square feet of perforated IW-13A painted Surrey beige and Cambridge white in 22-gauge G90 galvanized steel.

"Our firm is committed to incorporating sustainable features and recycled products into our designs as much as possible," Won continues. "Centria's products are an excellent example of our working within that philosophy without making any performance or aesthetic compromises."

The project's sustainability features, in addition to the use of recycled and recyclable steel for metal roofs and exterior walls, includes low-e glass, high efficiency HVAC equipment, motion-sensor lights, daylighting in all occupied spaces, the use of drip irrigation and native plant selections,

the use of reclaimed water for irrigation, and bicycle storage and showers to encourage alternative commuting.

HKI&T, Oakland, Calif., served as architects for this project; Midstate Construction, Petaluma, Calif., as the general contractor; Blackwood Associates, Inc, Fairfield, Calif., as the Centria Dealer; and Kodiak Roofing, Loomis, Calif., as the installer.

"This is not only an attractive facility but it is highly functional," adds Ben Marnik, Centria profile and roofing product manager. "Our SRS roof and IW Series wall panels are low-maintenance, high-performance products that offer long-term durability."

Centria's IW Series panels combine concealed fasteners with a range of design options for field assembled wall systems. They provide a weather-resistant wall with an aesthetically pleasing appearance and are available for insulated or uninsulated applications. Most IW Series panels are interchangeable because of the common lock-joint design, which allows for interesting visual effects.

Centria's SRS3 standing-seam roofs feature a 3" structural standing seam and employ a separate, continuous batten, providing exceptional resistance to severe weather conditions.

