SarnaProof

PROJECT PROFILE

William S. Hart Union High School District

Projects:
William S. Hart Union High School District
- Rio Norte Junior High School, Valencia, CA
- Rancho Pico Junior High School, Stevenson Ranch, CA
- Golden Valley High School, Santa Clarita, CA
- West Ranch High School, Stevenson Ranch, CA

Building Owner:
William S. Hart Union High School District Governing Board

Roofing Contractors:
Alcal Roofing (Golden Valley High School and West Ranch High School)
Best Roofing (Rancho Pico Junior High School)
Vance & Associates (Rio Norte Junior High School)

Architects:
NTD Stichler, Glendora, CA (Rio Norte Junior High School and Rancho Pico Junior High School)
PJHM Architects, San Clemente, CA (Golden Valley High School and West Ranch High School)

Project Size:
530,000 sq. ft in total

Roofing System:
Sarnafast mechanically fastened and adhered EnergySmart Roof®

Completed:
Three schools in 2004, West Ranch High in 2005

In 2004, the William S. Hart Union High School District in northern Los Angeles County was made up of seven high schools and five junior high schools. But just a few years ago, more than 19,000 students were jammed into fewer schools, originally designed to hold just 10,000. The severe overcrowding was costing the District $1 million a year in leased portable classrooms and impacting the quality of the area's educational system. Major construction initiatives were needed fast.

First Came the Funding

The Santa Clarita Valley prides itself on being one of the most family-friendly communities in America. In 2001, voters approved a measure permitting $158 million in school bonds, allowing the Hart School District to qualify for additional state "matching" funds. Hardship funds were also provided by the state due to the severe overcrowding. Now the school district will spend more than $500 million over a 10-year period to build new schools and modernize existing sites.

Without delay, construction of two new junior high schools, Rio Norte and Rancho Pico as well as two new high schools, Golden Valley High and West Ranch High, began in 2003. By the end of 2004 three of the four schools were complete and the district was already benefiting from its choice of energy saving materials, including Sarnafil's EnergySmart Roof®. The fourth school, West Ranch High, is scheduled for completion in early 2005.

A+ For Proven Performance

Carle Manley, director of facilities maintenance for the Hart School District, had previous experience with Sarnafil roofs and asked the company to participate in the competitive bidding process for the district's building project. He was pleased when Sarnafil won the bid because of his previous experience with the EnergySmart Roof membrane and the sound performance results he has witnessed over the years. "I've used Sarnafil roof systems on previous buildings since 1990," he said. "And while I believe there is no such thing as a 'maintenance-free' roof, Sarnafil is about as close as it gets."

Having a single roofing product supplier for the project was an added bonus for the two architectural firms chosen to design the schools. Both PJHM Architects and NTD Stichler were told that Sarnafil had won the competitive bid. Sarnafil's technical department worked closely with each to ensure the architects had what they needed. "The Director of Facilities, Carle Manley, told us about Sarnafil and linked us with their technical department," said Tom Kruse, partner at PJHM Architects. "What made it easy for us was that Sarnafil could provide the detail drawings we needed, as well as helping us with specifications for the installation."

Because the district's building project was so intense and extensive, and due to the area's year-round solar radiation demands, Manley needed a product that could meet all their needs. From long-term performance to energy

efficiency, Sarnafil fit the bill, providing a lower initial installed cost than what the district had experienced historically and fewer projected maintenance expenses. "It's too early to quantify energy savings from the roofs at this time," said Manley. "But I have noticed a lower repair cost for the HVAC units; I believe this is due, in part, to the lower demand for cooling since the roofs were installed."

The Hart District is also known for continually taking steps to lower heating and cooling demands. Sarnafil's white single ply EnergySmart Roof® membrane has been proven to reflect much of the sun's energy, thereby reducing the heat buildup that might otherwise result from a darker roof.

Installation Is A Breeze

Only Sarnafil trained and authorized applicators are permitted to install its roofing systems. Three applicators won the bids for the four schools – Alcal Roofing, Best Roofing, and Vance & Associates.

Randy Ayala, project manager at Best Roofing, talked about his experience with the Rancho Pico Junior High School roof. Best Roofing crews installed Sarnafil's adhered system, using Sarnacol 2121, a water-based adhesive to meet California's strict regulations to reduce volatile organic compounds. "Installation went very smoothly, especially since it took place in the winter months, so we didn't have to contend with the heat. We worked long days and were able to finish the project more quickly," said Ayala. "When it's a Sarnafil project, everything goes like clockwork. The products are high quality, the service is great and our crews are experienced enough to know just what to do. I'm always telling anyone who will listen that I only want Sarnafil – nothing else."

Both Alcal Roofing and Best Roofing are Sarnafil "Elite Level" applicators – proven to be highly skilled and reputable – with more than 20 years experience each installing Sarnafil systems.

More to Come

With four new schools coming online by early 2005, Phase II of the school district's modernization plan can begin. Over the next ten years, eight more schools will be upgraded, expanded or renovated. And Sarnafil will continue to be a part of the plan. "I've been very pleased with Sarnafil roofing systems," says Manley. "I'm happy we could work with Sarnafil again because I know their products offer us the low life cycle costs we need and the long-term quality we demand."