

TOP REAL ESTATE PROJECT AWARDS

CATEGORY: EDUCATION K-12

NAPA VALLEY UNIFIED SCHOOL DISTRICT TECHNOLOGY CENTER

Merging the classic exterior associated with the 1926 Napa High School shops building with modern, state-of-the-art interior enhancements and seismic upgrades was the task assigned to Quattrocchi Kwok Architects and Lathrop Construction Associates by the Napa Valley Unified School District.

The renovated structure — formerly a wood shop, a maintenance and operations facility as well as a warehouse for district's records — was repurposed to become an integrated technology center for use by staff, faculty, students and the community. The total cost of the project was about \$7 million and was paid for with district funds.

"The school district needed more room to house NVUSD's technology department and server equipment," said Mark Quattrocchi, principal architect. "[Our] design team, general contractor Rick Martellaro with Lathrop Construction Associates and district officials realized that renovating the existing building would save both time and money associated with new construction costs, while having minimal environmental impact and preserving a historic structure for the city and the campus."

This revitalized building now functions as a central technology hub staffed by the district's information technology experts and providing a spectrum of educational and training programs.

Completed for the 2015-2016 school year, the building comprises 15,500 square feet. About 11,100 square feet are devoted to the Napa Technology Center with enough room for the district's entire IT staff in one building, bringing together some 30 employees previously located in six, 50-year-old cramped and outdated

portable classrooms without space for workstations and storage. The remaining 4,000-plus square feet will be used as a warehouse.

One-third of the building is dedicated to teacher training, where they receive instruction on the newest software tools enabling them to create technology-based curricula for their students. It includes two classrooms separate by a folding wall where teachers can receive technical training. Students may also serve as interns in the Technology Center. The center also includes an emerging technologies section where educators test new hardware and software before introducing it in their classrooms.

For this portion of the building, Quattrocchi Kwok created a 21st century learning environment, utilizing outdoor and indoor spaces that can be easily adapted for collaborative or individual instruction. In addition to housing some of the most advanced educational technology tools, such as 3-D printers, the building also includes a computer hardware warehouse and repair shop for the IT team.

New district servers in the building's large data center now interface with the city of Napa's IT servers, enabling the Technology Center to perform as an "essential services" facility during declared emergencies.

To preserve the building's historic character, the design and construction team worked with original elements. They carefully removed Spanish-style red clay roofing tiles for later reuse to accommodate structural upgrades. The team reinforced and refurbished heavy wood timber trusses to preserve internal elements. Environmental controls were installed to keep the district's computers within an optimal temperature range.

Other upgrades include providing modern lighting, mechanical and data systems. The end result showcases the character

See NAPA TECH page 21

Walls between adjacent classrooms can be opened to expand room size for meetings or large classes at the Napa Valley Unified School District's technology center.



COMMUNITY SPECIAL AWARDS

CATEGORY: SPECIAL AWARDS

CHILDREN'S MUSEUM OF SONOMA COUNTY

Children's Museum of Sonoma County has been named the 2015 Community Special Award recipient for its commitment to environmental education and conservation, and for its dedication to providing quality programs and services for children in the North Bay.

The award is presented by the Sonoma County Board of Supervisors to recognize the exceptional work of the museum's staff and volunteers. The award is presented annually to a local organization that has made a significant contribution to the community through its dedication to environmental education and conservation.

The Children's Museum of Sonoma County is a non-profit organization dedicated to providing quality programs and services for children in the North Bay. The museum's programs and services are designed to educate children about the environment and to provide them with hands-on learning experiences. The museum's programs and services are also designed to provide children with a safe and fun environment in which to learn and play.

The museum's programs and services are designed to provide children with a safe and fun environment in which to learn and play. The museum's programs and services are also designed to provide children with a safe and fun environment in which to learn and play.

The museum's programs and services are designed to provide children with a safe and fun environment in which to learn and play. The museum's programs and services are also designed to provide children with a safe and fun environment in which to learn and play.

The museum's programs and services are designed to provide children with a safe and fun environment in which to learn and play. The museum's programs and services are also designed to provide children with a safe and fun environment in which to learn and play.

The museum's programs and services are designed to provide children with a safe and fun environment in which to learn and play. The museum's programs and services are also designed to provide children with a safe and fun environment in which to learn and play.

and the museum's staff and volunteers. The award is presented annually to a local organization that has made a significant contribution to the community through its dedication to environmental education and conservation.

The award is presented by the Sonoma County Board of Supervisors to recognize the exceptional work of the museum's staff and volunteers. The award is presented annually to a local organization that has made a significant contribution to the community through its dedication to environmental education and conservation.

The award is presented by the Sonoma County Board of Supervisors to recognize the exceptional work of the museum's staff and volunteers. The award is presented annually to a local organization that has made a significant contribution to the community through its dedication to environmental education and conservation.

The award is presented by the Sonoma County Board of Supervisors to recognize the exceptional work of the museum's staff and volunteers. The award is presented annually to a local organization that has made a significant contribution to the community through its dedication to environmental education and conservation.

WEST GROVE

The award is presented by the Sonoma County Board of Supervisors to recognize the exceptional work of the museum's staff and volunteers. The award is presented annually to a local organization that has made a significant contribution to the community through its dedication to environmental education and conservation.

The award is presented by the Sonoma County Board of Supervisors to recognize the exceptional work of the museum's staff and volunteers. The award is presented annually to a local organization that has made a significant contribution to the community through its dedication to environmental education and conservation.



The Children's Museum of Sonoma County, located at 10000 Highway 101, Sonoma, CA, is a non-profit organization dedicated to providing quality programs and services for children in the North Bay.

The award is presented by the Sonoma County Board of Supervisors to recognize the exceptional work of the museum's staff and volunteers. The award is presented annually to a local organization that has made a significant contribution to the community through its dedication to environmental education and conservation.

The award is presented by the Sonoma County Board of Supervisors to recognize the exceptional work of the museum's staff and volunteers. The award is presented annually to a local organization that has made a significant contribution to the community through its dedication to environmental education and conservation.

GREENWOOD

The award is presented by the Sonoma County Board of Supervisors to recognize the exceptional work of the museum's staff and volunteers. The award is presented annually to a local organization that has made a significant contribution to the community through its dedication to environmental education and conservation.

The award is presented by the Sonoma County Board of Supervisors to recognize the exceptional work of the museum's staff and volunteers. The award is presented annually to a local organization that has made a significant contribution to the community through its dedication to environmental education and conservation.

NAPA TECH continued from page 19
of the vintage structure's exterior while infusing high-technology interiors and functions in keeping with its new mission.

The project meets 2010 Commission for Environmental Cooperation (CEC) standards, as well as 2013 California Green Building Code (CalGreen) criteria.