

PROJECT TYPE

Elementary School / Multi-Purpose Building

PROJECT SPECS

12,000 sq.ft. with 6,000 sq.ft. exterior walls built with ARXX® ICF; 2,500 sq.ft interior walls built with ARXX ICF

TIMELINE

Started – September 2004

Completed – March 2005

AWARDS / CERTIFICATIONS

First public school in California to receive LEED® certification

Received a Savings by Design award

First to be Closed with Certification (an important component of the construction process in the State of California)

DISTRIBUTOR

Richard Wells, EI Industries, San Jose, CA

CONTRACTOR

TBI Construction Management, San Jose, CA

ARCHITECT

Weston Miles Architects, Inc., Morgan Hill, CA

ENGINEER

Duquette Engineering, San Jose, CA



LOS PASEOS, CALIFORNIA

LOS PASEOS MULTI-PURPOSE BUILDING

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LOS PASEOS MULTI-PURPOSE BUILDING



"I wasn't sure at first (about using ICF), but now after seeing it perform, I will be the first to tell anybody...this is a better way to build."

– Chuck Stewart, Stewart Inspection Services

PROJECT DETAILS

- › The Los Paseos Multi-Purpose Building Project was a State of California, Division of State Architect project. Housing a combination of elementary school, community center and office spacing, the design challenge was significant and sound management was a priority.
- › Due to the variety of uses required of this building, the need for a wall system that could support the steel roof structure that spanned the full width of the building was a concern. With the ARXX code approval and testing information, the project met the stringent State of California Division of State Architect Approvals. Through this process the building achieved substantial savings over Title 24 (the energy code benchmark for the state) that will result in energy savings of over 26% per year.
- › Acoustical management was critical for this project. The interior ARXX walls allow the speakers in the auditorium to project in to the audience without resounding echoes, and the surrounding offices are undisturbed. The project has substantially advanced the use of ICF through numerous public presentations at Green School events as well as through the general use of the center by the community.
- › During construction, over 40 tons of debris was diverted from landfill. Because ARXX ICF blocks are ordered to fit in a specific location, ICF waste is virtually nonexistent and finish materials can be directly attached to the webs. Sustainability can best be summed up as using minimal resources in the construction, the interior and exterior finishes exemplify the simplicity that is central to a Green School.

CERTIFICATIONS



1.800.293.3210

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ARXX FORMS BENEFITS

QUIET CONFIDENCE

ARXX ICF walls are highly effective at keeping noise where it belongs. ARXX products are ideal for building projects that call for sound control for exterior or interior demising walls such as auditoriums and gymnasiums.

STRUCTURAL INTEGRITY

Steel-reinforced concrete creates strong, solid walls that can withstand high wind speeds of 150 mph or more and can hold up against wind-blown debris travelling over 100 mph. ARXX ICFs can also be designed for all seismic zones.

COST EFFECTIVE

ARXX ICF can be installed with just one crew; therefore reducing labor costs, increasing the speed of construction and enabling earlier completion dates and occupancy earnings.

DESIGN FLEXIBILITY

ARXX ICF allows for design creativity as the forms can be easily cut in to any shape – from curved walls to window arches – and any interior and exterior finish can be applied directly to the EPS (expanded polystyrene) panels.

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