

MODULAR BUILDING OF THE MONTH

CHANGING THE WAY THE WORLD BUILDS
GREENER. FASTER. SMARTER.

September

Lexington Elementary School



Permanent Education
10,000 to 20,000 Sq.Ft.
FIRST PLACE

Permanent Modular Construction: Education, Administration, Library

Location: Los Gatos, California

Total Square Feet: 25,767

Time to Complete: 259 days

Company: Meehleis Modular Buildings, Inc.

Architectural Excellence

The modular portion of the construction was designed to match the accompanying site built multi-use building. The exterior finishes of cement plaster (stucco), and HardiePanel siding were chosen to maintain consistency. Additionally, all of the custom guardrails and stair systems were fabricated at the Meehleis Modular plant allowing for ease of access and safety while keeping the desired aesthetic. The administration building boasts an expansive glass fascia, wood textures, and clean lines. Creating a stunning focal structure for the campus.

Technical Innovation & Sustainability

Located just 10 miles from the 6.9 magnitude Loma Prieta earthquake epicenter, Lexington required a hefty, 20 inch thick, slab-on-grade design to account for the possibility of large scale earthquakes. Additionally our unique shear wall construction and use of sound deadening materials produced quiet classrooms. Receiving a CHPS (Collaborative for High Performance Schools) certification for background noise under 45 dBA.

Cost Effectiveness

Constructed in our grid neutral facility with a 190kv photovoltaic system, the project shaved off the normal operating costs associated with construction as well as being environmentally conscious. With the site built multi-use building occupying the campus our off-site process allowed all structures to be constructed simultaneously. Reducing not only construction cost versus the site built building but also minimizing the total construction time.

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