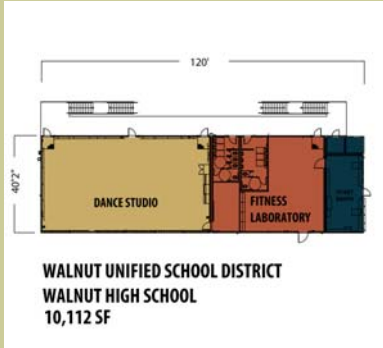


# Walnut Valley Unified School District



## Building Project Information

- Walnut, Ca,
- Number of Modules: 21
- Average Size of Modules:  
12' x 40' x 9'
- Total SF: 10,112
- Use: Multi-Use Building
- Days to Completion: 238 Days



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## Architectural Excellence:

A state-of-the-art two-story modular High School was designed for the Walnut Valley United School District to blend visually with the existing conventionally built campus buildings. Utilizing brick veneer, stucco, and extender parapets to enhance its appearance, this two story 10,112 square foot building is equipped with stairwells and elevator access. Five classrooms on the second floor are equipped with 20 foot teaching stations, modern projectors, multi-media connectors, as well as upgraded window and door features. Concrete floors are on both levels with carpet and tile coverings. A full-fledged state of the art dance studio with wall-to-wall mirrors, ballet bars, resilient vinyl flooring, projectors, sound equipment and costume storage comprises most of the first story. Including a fitness laboratory equipped with the latest machines and athletic equipment, a build-out on the north side of the first floor was designed to accommodate ticket service windows to support the adjacent football stadium. All walls are upgraded tackable wall surfaces. There are multi-user restroom facilities.

## Technical Innovations:

The Moment frame structure complete with concrete floors, creates a stackable two story system that cuts site disruption and usage in half while doubling the usable interior space. The steel structure and roofing allows the HVAC units to be roof mounted to the roof. The modular elevator is built in factory and installed on site.

## Cost Effectiveness/Energy Efficiency:

Factory construction results in cost efficiencies by producing a building in a fraction of the time used in traditional construction. Minimal waste, efficiencies in time and materials, and faster delivery time create cost savings. An installed cool roof membrane and Solo lighting was utilized for energy efficiencies along with roof mounted HVAC units. Room occupancy sensors with energy efficient P8 fixtures have been installed to reduced energy costs. Each room utilizes individual temperature control. Modular second story construction contributes greatly to cost savings for the client. The addition of a second story provides double the occupancy with half the land use requirement. Savings are realized in less time and money spent in site preparation. This building meets all Title 24 requirements mandated by the state.

  
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