

BUILDING FINALIST

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BUILDING STRUCTURAL ANALYSIS, DESIGN, AND DOCUMENTATION

Murrieta Mesa High School, a \$120 million high-school project located on a 62-acre site in Murrieta, California, will have a capacity of approximately 2300 students. There will be 82 classrooms in the 249,000 square-foot school, which will also include a stadium, pool complex, athletic fields, tennis courts, basketball courts, sand volleyball courts, and handball courts.

The architectural requirements of the project required a broad range of materials and structural systems, and a seismic fault on the site added complexity. The use of Bentley's suite of integrated RAM products allowed KNA to develop design documents that were completely coordinated with the calculations in an extremely aggressive time frame. The time savings were on the order of four to six weeks, and the two days of training and additional RAM more than paid for themselves on this one project.

Murrieta Mesa High School

KNA Consulting Engineers, Inc