



MOLLENHAUER

Construction Surveying • Survey & Mapping • Subdivision Mapping • Civil Engineering • High Definition Laser Scanning

MARKETS SERVED

EDUCATION

Los Angeles Unified School District Projects

Mollenhauer Group provided topographic surveys and prepared grading, paving and drainage plans for resurfacing parking lots, playgrounds and all asphalt areas for the following LAUSD schools:

- 10TH Street Elementary School, Los Angeles
- Castelar Children Center, Los Angeles
- Castelar Elementary School, Los Angeles
- Santa Monica Boulevard Elementary School, Los Angeles
- Carson Sigh School, Carson
- Century Park Elementary School, Inglewood
- Hawaiian Pre-School Child Care, Wilmington

Mollenhauer Group prepared demolition, grading, paving and drainage plans for multi-purpose buildings, administration buildings, kindergarten classrooms, parking lots and playgrounds for the following LAUSD schools. Off-site street improvement plans were also prepared.

- Kennedy High School, Granada Hills
- Lillian Street Elementary School, Los Angeles
- Selma Avenue Elementary School, Los Angeles
- Newell Elementary School, Huntington Park



LAUSD High School #10

In an effort to relieve high school overcrowding, the Los Angeles Unified School District (LAUSD) is constructing a new 231,000-square-foot educational complex west of downtown L.A. The complex will consist of seven buildings around a landscaped central courtyard, creating an "urban village" of education.

The design places a special emphasis on sports facilities, including two large gymnasiums, tennis and basketball courts, an Olympic size swimming pool, and a full-feature stadium for football, soccer and track, as well as baseball and softball fields.

The Mollenhauer Group is providing all of the construction surveying for this \$85 million project. The architect is Johnson Fain of Los Angeles, with Clark Construction of Costa Mesa acting as the general contractor.



Los Angeles Community College District

Mollenhauer's Spatial Geomatics division provided vital as-built data essential to this massive adaptive reuse program. Very little data existed to facilitate analysis the current condition of buildings and their setting on the campus.

In a time measured in days rather than weeks, Spatial Geomatics carried out site surveys of the complex campus structure using high-definition laser scanners, collecting and storing the complicated spatial information of the existing buildings.

This survey scan data has been used by students at the E7 Architectural Studio to generate the project's design and construction tools -- 2D architectural base data and 3D rendered CAD models. This data is also being used to build the next generation of 3D Building Information Management Systems (BIMs) to store and manage information more effectively and enable long-term facilities lifecycle management.

