



MOLLENHAUER

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

MARKETS SERVED

SPORTS AND ENTERTAINMENT

Dodger Stadium

Dodger Stadium is one of the most beloved parks in all of baseball. But as she approached her 40th birthday, she was in need of cosmetic and structural improvements to keep pace with her peers in other major cities.

At the Field level, new seating areas were added along the foul lines and behind home plate to bring fans closer to the action. New seating areas also provided access for the disabled, and restrooms were expanded and modernized. Fans seated in the section behind home plate were permitted exclusive access to a new Dugout Club bar and restaurant that was created beneath the seating bowl.

Mollenhauer Group's civil engineering division was contracted to renovate and design the ball field's perimeter drainage system and subdrainage system for the new club box seats behind home plate. Mollenhauer also worked extensively with the irrigation systems consultant for field drainage connections. Additional professional services performed included utility detection and GPS control, topographic and as-built surveying for the civil design and the geotechnical consultant design of seismic renovations.



Walt Disney Concert Hall

Created by world-renown architect Frank Gehry, the Walt Disney Concert Hall is one of the most sophisticated concert halls in the world, providing an unparalleled experience both visually and aurally. From the stainless steel curves of its striking exterior to the state-of-the-art acoustics of the hardwood-paneled main auditorium, the 3.6-acre complex embodies the unique energy and creative spirit of the city of Los Angeles and its orchestra.

One of the world's most technically-advanced structures, the building's lack of right angles and its overall sculpture-like quality mandated extraordinary state-of-the-art construction techniques. Drawing on its expertise in other large, complex construction projects, the Mollenhauer Group provided a wide range of construction services on this project, including construction staking, as-builts, anchor bolt verification and layout, plumbing of steel columns, grid and vertical control, floor penetrations, and base isolator control.



Galen Center, University of Southern California

The University of Southern California's new Galen Center, a 10,300 seat on-campus events center, will become home to the USC Trojan basketball and volleyball teams and various cultural events upon its completion in 2006.

The facility will feature 22 private suites, 2,200 founder seats, a team store, and Hall of Fame and donor recognition areas. Future enhancements will include a 75,000 square-foot practice pavilion accommodating four full-size basketball and volleyball courts and team and administrative offices. The practice facility also will serve as a 2,000-seat venue for other events.

The Mollenhauer Group is providing all of the civil engineering and construction surveying on this project.





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Kodak Theater, Hollywood and Highland

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Located in the heart of historic Hollywood, the Hollywood and Highland complex and Kodak Theater have achieved worldwide recognition, hosting a wide range of prestigious artists and events including the Academy Awards, the American Ballet Theater, the ESPY awards and American Idol. In addition to the theater, the development includes restaurants, retail space, and a subterranean parking structure for three thousand cars.

The Mollenhauer Group provided a comprehensive roster of services for this development, including:

- Construction surveying and pre-construction photo documentation and monitoring;
- Surveying and mapping for all project design & 3-D Final Record Map;
- 3-D “visual corridor” to the Hollywood sign;
- Geodetic/GPS control for Hollywood sign visual corridor;
- Architectural Mapping & ALTA Mapping;
- Aerial Photographic Mapping;
- Civil Engineering services, including the realignment of utilities to vacate Orchid Avenue, design of “B” permit street improvement plans, and design of horizontal and vertical controls for the on-site improvements.

