

# SHAPING FUTURES

Olivewood Memorial Park  
New Mausoleum



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# SHAPING FUTURES at Olivewood Memorial Park



Since 1888, Olivewood Memorial Park has been Riverside's "Guardian of Family Heritage." Its beautiful hillside location has sweeping views of Riverside and the San Bernardino mountains beyond. Olivewood preserves the memorials of pioneering and prominent Riverside families including both Henry Coil, Sr. and Henry Coil, Jr., one of the founders of Tilden-Coil Constructors.

Tilden-Coil recently completed construction of the C.O. Perrine Mausoleum, situated along the hilltop framing the park, under a negotiated contract delivery. Partnering with Holt Architecture, the Mausoleum includes 687 crypt spaces, 596 niche spaces and 642 gravesites. The building includes a new visitors' restroom and storage. Given the hilltop location, sitework was extensive over 163,350 square feet including:

- A new 1,600 linear foot access road around the structure including site lighting
- An 18-foot retaining wall with four rows of tie backs at 25 to 65-foot depths.
- Switchback ramps and stairs for access

Five years of preconstruction planning included entitlement negotiation with nine Native American Tribes. A refraction study was conducted as part of the geotechnical report to identify aggregate sections of the earth and location/density of rock to determine if weathered or un-weathered. Based on the findings, Tilden-Coil studied the best value approach between rock breaking versus blasting. Four hydraulic excavators were utilized simultaneously to accomplish extensive rock breaking of solid un-weathered rock, achieving both time and cost savings.

With widespread excavation and vertical elevation cuts of 30-40 feet, the hillside was reshaped to allow the new structure to be anchored into the bedrock with 132 tiebacks. Thirty thousand cubic yards of soil were transported and temporarily stored at a nearby property. Tilden-Coil led coordination with the architect and drilling subcontractor with a preferred approach of backfilling both sides of the retaining wall to accomplish the work. Collapsible formwork added complexity with each lift of crypts poured a layer at a time on a very aggressive turnaround schedule.

## Olivewood Mausoleum Quick Facts

**Architect:** Holt Architecture

**Delivery:** Negotiated GC

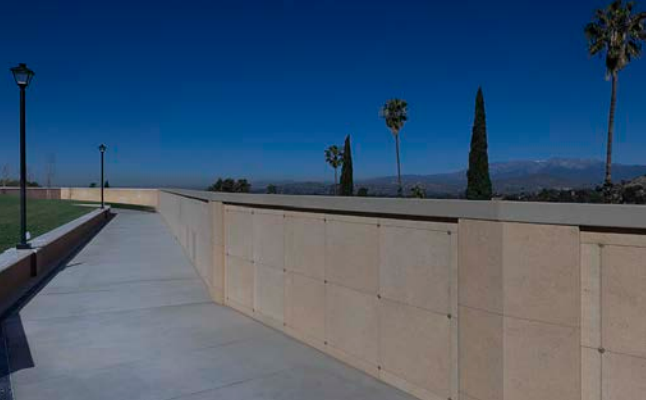
**Completion:** February 2022

**Scope:** 687 crypt spaces, 596 niche spaces, 642 gravesites, a visitors' restroom and storage



***"I am happy to work together with the Tilden-Coil team and am impressed with their expertise and cooperation. Beyond doing an excellent job, Tilden-Coil and its leaders are valued stewards of our community."***

***Tim Evans, Board Member,  
Olivewood Memorial Park***



Crypt formwork required a ¼ inch tolerance on 150-foot runs to receive the limestone finish. Quality control was critical, so Tilden-Coil's BIM (Building Information Modeling) team laser scanned the poured-in-place walls and anchors and provided this data to the limestone supplier. Control tolerances were confirmed as correct and ready to receive the limestone for an expeditious installation.

Tilden Coil "overcame the mountain" and delivered the project on time. Throughout construction, the team remained attentive and focused on Olivewood's operational needs and requests. Working in the middle of an active cemetery with daily services and visitors requires both flexibility and respect for the visitors and those interred. Construction operations were coordinated daily with Olivewood's schedule, and workers stood down for up to 30-minute periods on a variable daily schedule to allow for Olivewood's ongoing services.

Serving clients with respect, flexibility and solutions is Tilden-Coil's hallmark. With laser focus on accomplishing Olivewood Memorial Park's project objectives and effectively working around their ongoing operations, Tilden-Coil Constructors earned a client survey rating of 9 out of 10. Olivewood's 135-year history and Tilden-Coil's 84 years of serving the Riverside Community demonstrate a commitment to bettering their community and shaping its future.

***"Our team from Tilden-Coil was professional and very efficient. Our project was finished on time to our complete satisfaction. I highly recommend Tilden-Coil."***

***- Bob Brown, Board President, Olivewood Memorial Park***



# Partners

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Great accomplishments require great partnerships! Tilden-Coil recognizes the following subcontractors who played a major role in completing this project:

- Armstrong & Brooks Consulting Engineers, Inc.
- Caston, Inc.
- Christian Brothers Mechanical Services, Inc.
- Coldspring
- Division 7 Services, Inc.
- Econo Fence, Inc.
- Fischer, Inc.
- Floored Tile & Stone
- GDA Incorporated
- HBA Incorporated
- Inland Empire Architectural Specialties, Inc.
- M.C. Painting
- Majestic Sign Studio
- Malcolm Drilling Company, Inc.
- Nuway, Inc.
- Pacific Building Specialties
- RCB and Sons, Inc.
- Safeway Electric
- Schroeder Iron Corporation
- So. California Grading, Inc.
- Systems Waterproofing, Inc.
- Whitehead Construction, Inc.



***"I appreciate Tilden-Coil's proactive, quality conscious, thorough, success-oriented and schedule-driven approach."***

***- Tom Howell, Senior Principal***

***Holt Architecture***