

LOCATION
Beverly Hills, CA

CLIENT
Private Residence

PROJECT TEAM
McLean Design - Architect

Magni Kalman Design - Interior Design

Michael Wilkes - Landscape Architect

Gardiner & Theobald - Project Management

Matt Construction - General Contractor

Southern California Energy Designs (SCEG)
-Mechanical/Electrical/Plumbing

Tirschwell & Co. Inc. - Lighting Design

TYPE
Single Family Residence

SIZE
10,589 SF

YEAR COMPLETED
Projected 2024



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PECK ARCHITECTURE | STRUCTURAL | CIVIL

WILLIAMS LANE RESIDENCE

The Williams Lane Residence is designed to showcase the owner's extensive artwork collection. The Trousdale Estate is subject to strict height limitations and flat pad boundaries. The open-air courtyard allows light into the subterranean level as we're restricted from carving into the slope to allow daylight into the basement. PECK is the AOR and is also responsible for the Civil and Structural design.

The Civil challenge is to collect the rainwater and deliver it to a cistern which then gets used for irrigation. The system requires a backup generator because there is no outlet for the water by gravity.

On the Structural side, it's a concrete structure up to the street level with steel and wood framing above. Because of tight clearances in the roof structure, we used the basement ceiling cavity to deliver air on both floors. The coordination with Mechanical was detailed and critical and involved structural penetrations in the podium deck for the air flow. We worked with Southern California Energy Designs (SCEG) for mechanical, electrical and plumbing and were able to fully coordinate the project in 3D with them.

PECK is also designing a bridge across the sunken courtyard which features a staircase and a Zen garden in the center. The swimming pool is a double shell pool, wrapping around the western elevation with a vanishing edge.

We designed the unique shoring system on this project to allow the footprint to be as large as possible by infilling between our structural steel shoring columns with shotcrete. We used an innovative waterproofing procedure around the back of the steel shoring piles.

The true podium deck design consists of an all-concrete structure below the street level and an all steel and wood structure above the street level. We also have a very complicated and innovative roof structure with long moment frames with intersecting cross beams to support them from a gravity load perspective. There is also a full bank of Tesla batteries and solar on the roof.

