

## **Outstanding Architectural Project Honorable Mention—ACAMPO Estate**

This is a 44-acre (17.8 ha) private estate set in the beauty of a cabernet sauvignon vineyard. We started with a flat blank canvas, without even a tree, bush, or mound on the property. While the client wanted to be able to entertain as many as 500 in a charity, social, or business environment, we also wanted to design the project so they could feel comfortable with a small intimate gathering.

Shotcrete played a very important part in this extensive project. We used the dry-mix process on this job. The 1500 ft<sup>2</sup> (139 m<sup>2</sup>) pool attained 27-day compression strengths of over 4700 pounds (2132 kg). The grotto and the streams were also structurally shotcreted. The pool equipment building was shot with an aesthetic rock pattern layer to camouflage the concrete block walls.

A comprehensive design build on the landscaping was completed. The landscaping included extensive masonry structures, including over 10,000 ft<sup>2</sup> (929 m<sup>2</sup>) of rock paving, large barbeque, outdoor fireplace, pig spit, multiple fire pits, multiple stairways, a real rock waterfall constructed of 250 tons (225,000 kg) of rock, cast stone, and walls. There is a man-made 3-acre (1.2 ha) trophy bass lake with a sand beach and fire pit.

The 1500 ft<sup>2</sup> (139 m<sup>2</sup>) pool is 10 ft (3 m) at its deepest point to accommodate multiple diving rocks. The pool is surfaced in four different custom plasters—three of which are formulated with precious stones and then diamond polished. The grotto will accommodate up to six people with lights, sounds and warm water jets. A short water slide takes you from the eight-person spa into the pool. The estate also includes extensive gardens with a three-tier fountain, arbor, and a rose tunnel.

What we sell to our clients is the quality of construction. While our reputation is the ability to create spectacular landscapes, it is the infrastructure that is the most important. If the infrastructure is not sound, the beauty will not last. Shotcrete gave us the ability to create a sound structural shell for the pool, the bases of the streams and slide, and the structural decorative shell on the pool equipment room. This project would not have been possible without the use of shotcrete.