

HONORABLE MENTION

GROTTO POOL

The Artisan Group, Ltd. - Shotcrete Contractor

GROTTO POOL - COROLLA, NC

Wet-mix Shotcrete was utilized in pouring the concrete grade beams and footings for the pool and for the "dome" of the Grotto Pool. Dry-mix Shotcrete was utilized in all the finish pool floors, walls, benches, etc. Dry-mix Shotcrete was again utilized in both the main structural coating of the grotto, as well as in the final "carve" coat finish for the Grotto, cave, slide, etc.

Shotcrete was the only choice for this unique project. Considering all the radial and free form elements and sculpted faux stone components there is no other way. We utilized both wet and dry shotcrete processes in various aspects of the project as each has its inherent strengths in the applications. This allowed for great flexibility in the shotcrete processes.

Access to the pool and Grotto areas was extremely tight and large equipment was staged over 350ft away. Having the ability to deliver the concrete through small hoses from a significant distance was key to the overall success of this project.

