

ACI Committee Document Abstracts

The following ACI documents are, or will soon be, available:

“Construction of Drilled Piers—Specification (ACI SPEC-336.1-24)”

Reported by ACI Committee 336, Footings, Mats, and Drilled Piers

Rudolph P. Frizzi, Chair; William D. Brant, Secretary; James N. Cornell, Jason L. Draper, Christopher A. Harris, David L. Hartmann, Scott A. Jacobs, Ian S. McFarlane, William H. Oliver, Adam C. Ramme, M. Luke Schuler, Edward J. Ulrich, and Bo Walker, Members; Ronald W. Harris and Hugh S. Lacy, Consulting Members.

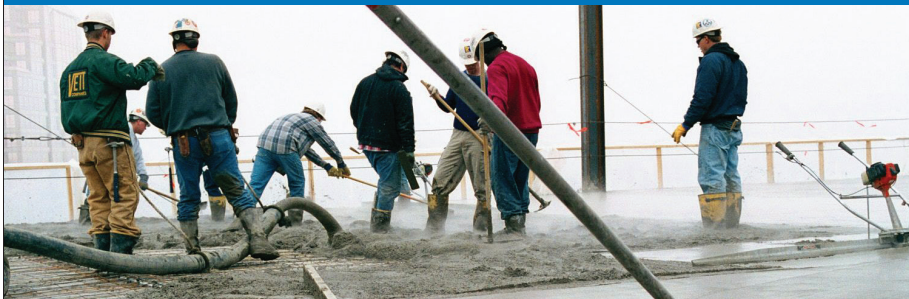
Abstract: This Specification addresses requirements for drilled pier construction. Drilled piers are sometimes called drilled shafts, drilled caissons, drilled piers with bells, drilled shafts with bells, or bored piles. This Specification includes excavation, the use of liners and casing, drilling slurry and concrete freefall placement methods, testing, reinforcement fabrication and placement, concrete properties and placement, quality control and quality assurance, and acceptance. The successful installation and performance of a drilled pier is fundamentally dependent on the means and methods of construction along with the effects of the site-specific subsurface conditions.

“Shotcrete Use in Pool Construction—Guide (ACI PRC-506.8-24)”

Reported by ACI Committee 506, Shotcreting
Simon Reny, Chair; James A. Ragland, Secretary; Lars F. Black, Louis-Samuel Bolduc, Chris D. Breeds, Wern-Ping Nick Chen, Scott R. Cumming, William T. Drakeley Jr., Randle M. Emmrich, Antoine Gagnon, Charles S. Hanskat, Marc Jolin, Mark R. Lukkarila, Jason Myers, Axel G. Nitschke, Ryan A. Oakes, Ryan E. Poole, Raymond C. Schallom, William L. Snow Sr., Jason P. South, Frank E. Townsend, Marcus H. von der Hofen, Ezgi Wilson, Peter T. Yen, and Lihe Zhang, Members; Jean-Francois Dufour, Richard A. Kaden, Dudley R. Morgan, H. Celik Ozyildirim, Philip T. Seabrook, and Lawrence J. Totten, Consulting Members.

Abstract: This document is intended for use by owners and pool builders. It does not include specific design requirements. It does include recommendations for aspects of planning, design, and construction that are needed for quality shotcrete placement with the goal of producing pools that have the long-term durability and serviceability owners should expect. With proper design, material selection, and construction, a shotcreted concrete pool should have a service life of 50 to 100 years or more.

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