

viega

Casino Arizona Talking Stick Resort

Project Profile

CUSTOMER: Casino Arizona Talking Stick Resort

APPLICATION: Casino

LOCATION: Scottsdale, AZ

CONTRACTOR: Kinetics

Viega ProPress® and Viega PureFlow® simplify complicated construction

“We pursued a value engineering proposal to the architect and engineer and showed them it was not only a labor saver but a cost saver.”

Casino Arizona, a 15-story resort at Indian Bend in Scottsdale, AZ, will feature almost 500 rooms, a huge 13,000 square foot luxury spa, and the locations own Talking Stick Golf Club. The showpiece of the new resort will be the casino, with its 240,000 square foot gaming floor complete with eight restaurants, 10 lounges and a 750-seat entertainment showroom.

Kinetics, a full-service mechanical contractor company, has set itself apart by performing to higher-than-industry-average safety ratings.

Casey Reed, Casino Arizona Project Director for Kinetics, explained that the construction and design of the casino itself was complicated. “Drawings on this project seem to change constantly,” Reed said. “With 27 different types of rooms for the almost 500 room resort, only 20 or 25 rooms will be alike.”

During construction, weather conditions were less than favorable. So rather than risking the potential for work-related injuries due to the rain, Kinetics took the safe route and restricted work on the job site.

“When you allow heavy equipment out there, it gets gooey and makes for unsafe working conditions,” Reed said.

While searching for a solution to install in the Casino Arizona project, other press systems on the market were making news. Contractors were reporting failures in press technology and Kinetics was concerned that press technology might not be the best choice for their project. After hearing several concerns, Reed started doing his own research and reached his own conclusions about Viega ProPress systems.

“Viega ProPress is the only press system that proved consistent and reliable,” Reed said. “And we needed that reassurance.”

Viega products simplified what could have been a very complicated construction process. Kinetics chose to install Viega ProPress in copper and stainless as well as Viega

PureFlow PEX tubing in Casino Arizona’s Talking Stick Resort because the products save time and labor.

“We pursued a value engineering proposal to the architect and engineer,” Reed said, “and showed them it was not only a labor saver but a cost saver.”

The proposed savings was significant enough to convince the architect and the engineer that switching to Viega ProPress in copper and stainless for both the hotel and casino was worth it.

Casino Arizona and the Talking Stick Resort encompasses one million square





feet of combined space. Kinetics installed Viega ProPress copper fittings in sizes 1/2" to 4", Viega ProPress stainless steel fittings and pipe in sizes 1/2" to 4" ProPress stainless fittings and pipe and ViegaPEX tubing in sizes 1/2" and 3/4".

Kinetics Labor Manager John Nidosik paid close attention to the installation of the Viega ProPress for stainless system.

"We installed probably 700 feet of Viega ProPress stainless in a day and a half," Nidosik said. "It would have taken us weeks to do that same 700-foot section with a welded system. Not only that, welded connections take special equipment—argon, a trained welder, a lot of preparation and tools that are expensive."

Kinetics not only installed Viega ProPress systems in the Casino Arizona project but also Viega PureFlow ViegaPEX™ tubing. Reed utilized the Viega ProPress system and the flexibility of ViegaPEX tubing to make copper-to-PEX connections quickly.

ViegaPEX tubing supplies the water service inside the hotel rooms, where copper lines run down the hallways. Kinetics made copper-to-PEX connections with customizable Viega ProPress manifolds. The flexibility of ViegaPEX tubing and design options of Viega ProPress manifolds allowed Kinetics to keep up with frequently changing design plans.

Viega ProPress offers more features and benefits than any other pressing system. With fittings from the water meter to the faucet, the Viega ProPress copper system is perfect for many different applications such as potable water, hot water circulation, heating systems, gas and even fire protection systems. For industrial, marine, commercial and residential applications, Viega ProPress is the fast, flameless solution.

Only Viega fittings have the genuine Smart Connect® feature. Viega's Smart Connect feature helps installers ensure that they have pressed all connections. When pressure testing a system after all fittings have been installed, Viega recommends a step test to ensure that all connections have been pressed. By testing at a lower pressure first, Viega's Smart Connect feature will identify which fittings have been missed by allowing water or air to leak past the sealing element.

As for Kinetics, they trust Viega products. Now anything Kinetics installs in copper is done in Viega ProPress.

"We have changed our methods from solder to press on the plumbing and mechanical side," Reed said.

