

Thompson Pump Dewaterers for Two New Facilities at Bally's/Caesars Hotel and Casino in Atlantic City, NJ



An aerial view of Atlantic City, NJ.

Atlantic City, NJ is one of the most sought after vacation spots in the country. With its famous boardwalk, casinos, hotels, and other local attractions, Atlantic City receives many visitors to its shores.

When construction occurs on this jam-packed island, it is usually with the hopes of accommodating visitors – with new hotels, apartment complexes, and parking garages.

Recently, construction began on a new parking garage and transportation center at Bally's/Caesars Hotel and Casino in Atlantic City. Project planning projected the construction efforts for a parking garage to last from May 2004 to May 2005. The transportation center construction was expected to last from January 2004 to March 2006.



Thompson's 12-inch Rotary Wellpoint Pumps on the Bally's/Caesars Parking Garage project.

During the project specification, dewatering was included to remove groundwater allowing for excavation for underground utilities and storage for both structures. Once the general contractors were chosen to do the various projects, subcontracting for concrete and dewatering was selected. The contractor in charge of dewatering, Lafayette Construction Company, had experienced past successes with Sander Power in Trevese, PA, a well-respected company and long-time Thompson Pump Distributor, and wanted to have Sander's dewatering experience on this project as well.

Sander Power partnered with Thompson Pump's New England Branch located in Providence, RI. Thompson Pump's New England Branch, responsible for introducing Thompson's 30-plus year-old wellpoint dewatering technology in the Northeast, visited the jobsite and recommended the pumps, equipment and service required to complete the project.



Thompson Pump's 12-inch Rotary Wellpoint Pump dewatering the Bally's/Caesars Parking Garage

For the Bally's/Caesars Transportation Center project, Thompson Pump's New England Branch immediately mobilized two of Thompson Pump's 12-inch Rotary Wellpoint Pumps; - one to be used as the primary unit, and the other to provide 100% back-up support. Thompson Pump also supplied 1,000-feet of 8-inch Wellpoint Header Pipe, along with 250 Wellpoints, and other accessories to complete the system. The Transportation Center project required that the groundwater be removed 18-feet below the surface.

For the Bally's/Caesars Parking Garage project, Thompson Pump's New England Branch supplied two more of Thompson Pump's 12-inch Rotary Wellpoint Pumps, where one was to be used as the primary unit, and the other, again, to provide 100% back-up support. Thompson Pump also supplied 1,000-feet of 8-inch Wellpoint Header Pipe, along with 250 Wellpoints, and other accessories to complete the system. The Parking Garage project required that the groundwater be removed 15-feet below the surface.



Next to the Parking Garage project, construction was taking place on Bally's/Caesars Transportation Center

Lafayette Construction Company installed both the wellpoints and the wellpoint systems so that excavation could commence. Crews extracted the groundwater to the desired depth and construction could begin. The project is currently still in operation, and with the help of Thompson Pump's New England Branch, the project was heading towards a successful conclusion.

Thompson Pump's Rotary Wellpoint Pumps were invented by Thompson Pump's founder George A. Thompson in order to provide construction projects with a better way to remove groundwater during excavation and other underground operations. The 12-inch Rotary Wellpoint Pump has a maximum performance of 3,000-gallons-per-minute, and a maximum air-handling capability of 400-cfm (cubic feet per minute). With these pumping capacities, and a powerful diesel engine, the Thompson Pump Rotary Wellpoint Pumps provide superior and reliable performance on construction sites.