



project services case study

Kalahari Resort Indoor Waterpark - Phase II Sandusky, OH

ADG Designs and Builds Nation's Largest Indoor Waterpark!

Continuing the successful collaboration with Kalahari Resorts, Aquatic Development Group was commissioned once again to expand its previously (2005) designed/built 80,000 sf indoor waterpark in Sandusky Ohio to an enormous 173,000 sf, more than doubling its size and giving it the title of largest indoor waterpark in the nation! As with Phase 1, the Phase 2 expansion maintains its African themeing incorporating authentic artifacts and props along with the painted murals that adorn walls of the waterpark further enhancing the "outdoor experience". The expansion features several innovative amenities including our one-of-a-kind Texlon transparent roof. This "intelligent" roof system creates a comfortable, year-round vacation environment, allowing natural light in, enabling real foliage to grow and indoor tanning in addition to softening acoustic conditions.

At the heart of the expansion is the new 14,000 sf wavepool powered by our WaveTek wave generation system. The pool which ranges from zero depth beach entry to 6 feet deep, produces eight ocean-like wave patterns as high as 27". Adjacent to the wavepool is the Shooting Star Water Basketball activity pool. Vacationers who love a challenge will jump at the chance to shoot hoops in this 3,700 sf amenity.

Designed with a special eye toward family entertainment, the expansion also boasts a 2,700sf tot pool named Kids Safari designed specifically for children six and under. The water depth is no more than 12" and features include small slides, tunnels, net crawls and interactive water toys. Kids Safari was thoughtfully located where there would be 100% visibility so parents can keep a watchful eye on their children from any vantage point.

In addition to the many firsts this project brought to the state of Ohio, including the first Texlon roofing system, first indoor FlowRiders along with the largest indoor wavepool and themed toddler pool, the expansion includes the world's first indoor behemoth bowl tube ride. Dubbed Swahili Swirl, this exciting attraction accommodates two-four riders at a time as it swirls them around its 60-foot diameter bowl before plunging them into the landing pool below.



The expansion includes three additional slide structures as well. Along with the Swahili Swirl, there is the Tanzanian Twister. An exciting pipe-style, spiral flume ride that reaches speeds of up to 40 mph. The Rippling Rhino, the longest slide at Kalahari, is a 400 foot long enclosed slide that whisks riders outside the building and back in before exiting in the landing pool below. The Cheetah Race is a 4 slide Octopus mat racer that promises to bring out the competitive side in all who try it. It is the region's only 4-lane slalom racer which features rolls and drops throughout is 55 foot decline.

Thanks in large part to the increasing popularity of indoor surfing, (and the success of the first FlowRider in Phase 1 of the waterpark) Kalahari's expanded waterpark now features two Double FlowRider surfing rides.

Rounding out the experience there is a new inside/out swim up bar, soothing spa and personal cabanas which can be rented daily, equipped with LCD Televisions, refrigerators, personal food and beverage service, phone/internet access and ipod access.

Kalahari maintains that going big is better. "We're not concerned about oversaturation in the indoor waterpark arena," says Todd Nelson, president and owner, Kalahari Resorts. "It takes a tremendous amount of commitment, ingenuity and funding to create an exciting waterpark and we believe consumers will continue to choose resorts that make their getaway experience a big deal!"