



LIBART

Pool Enclosure Project #4618 Case Study

» Ooltewah Swim Center
Ooltewah, TN



PROJECT OVERVIEW



» Ooltewah Swim Center - Ooltewah, TN

In early 2004, the birth of Ooltewah Swim Center (OSC) by owner Wendy Roberts provided the growing community of Ooltewah, located outside of Chattanooga, Tennessee, with a desperately-needed neighborhood pool. Ooltewah Swim Center has provided residents of Hamilton County with countless summer memories and served as a location for surrounding swim teams.

However, winters proved to be difficult for these swim teams and OSC members. They had to practice in an inflatable dome cover known as "The Bubble." For over 7 years, "The Bubble" somewhat protected the swimmers from the cold but contained massive amounts of fog and little room for the coaches to maneuver. In addition, high winds and unexpected air leaks would interrupt service of "The Bubble", which also required round-the-clock monitoring to avoid accidents.



The need for an enclosure around the pool was significant. The Ooltewah Project started in late January 2012 when Wendy contacted Project Manager Jeff Manger at Libart North America to discuss a permanent solution for OSC. Ultimately, a solution was presented from Libart in the form of a Free-Standing V7 Model measuring in at 70' wide x 110' long, making it the largest of its kind in North America! Construction of "The Dome" began in the fall of that same year.

Ever since completion of "The Dome" in February 2013, swimmers are able to enjoy the warm air and clear waters at Ooltewah Swim Center all year long. Even during the coldest days in southeast Tennessee, "The Dome" protects swimmers, coaches, parents, and children from the unforgiving weather.

» Kinetic Architectural System



Solutions:

- **Design:** Evolution Freestanding, 70 degree sidewalls with Gable End Walls
- **Retraction:** R2 Retraction
- **Operation:** Motorized
- **Glazing:** Roof Panels and Sidewall Glazing is 16 mm Multi-Wall Translucent Polycarbonate. Gable End Walls feature a combination of 4mm Monolithic Clear Transparent Polycarbonate and 10mm Clear Twin Wall Translucent Glazing.
- **Frame:** Titan Frame (190mm - 7-1/2" Thick)



QUESTIONS AND ANSWERS

Questions

» After the installation, Wendy Roberts of Ooltewah Swim Center answered some of our questions about her experience:

Q: What brought about a need for a pool enclosure?

A: There was a need for a “dependable” indoor/outdoor pool facility in our area. The inflatable dome we had was not dependable at all!



Q: How did you learn about Libart? And how was the process of figuring out “who to go with?”

A: After researching options on the internet, the retractable building seemed like the perfect solution. Upon making a few phone calls, it was very apparent that Libart was the way to go because of their excellent customer service, excitement and willingness to help in all aspects of being able to purchase and install a Libart pool enclosure.

and Answers

Q: What made you decide to name the pool enclosure?

A: Naming the enclosure gives it a more professional feel, as well as allowing for instant association in the community of our enclosure. We've also been able to have fun, while drawing attention to the pool enclosure, by having a "name the enclosure" contest.

Q: Will you be keeping the pool open year-round now?

A: Absolutely!



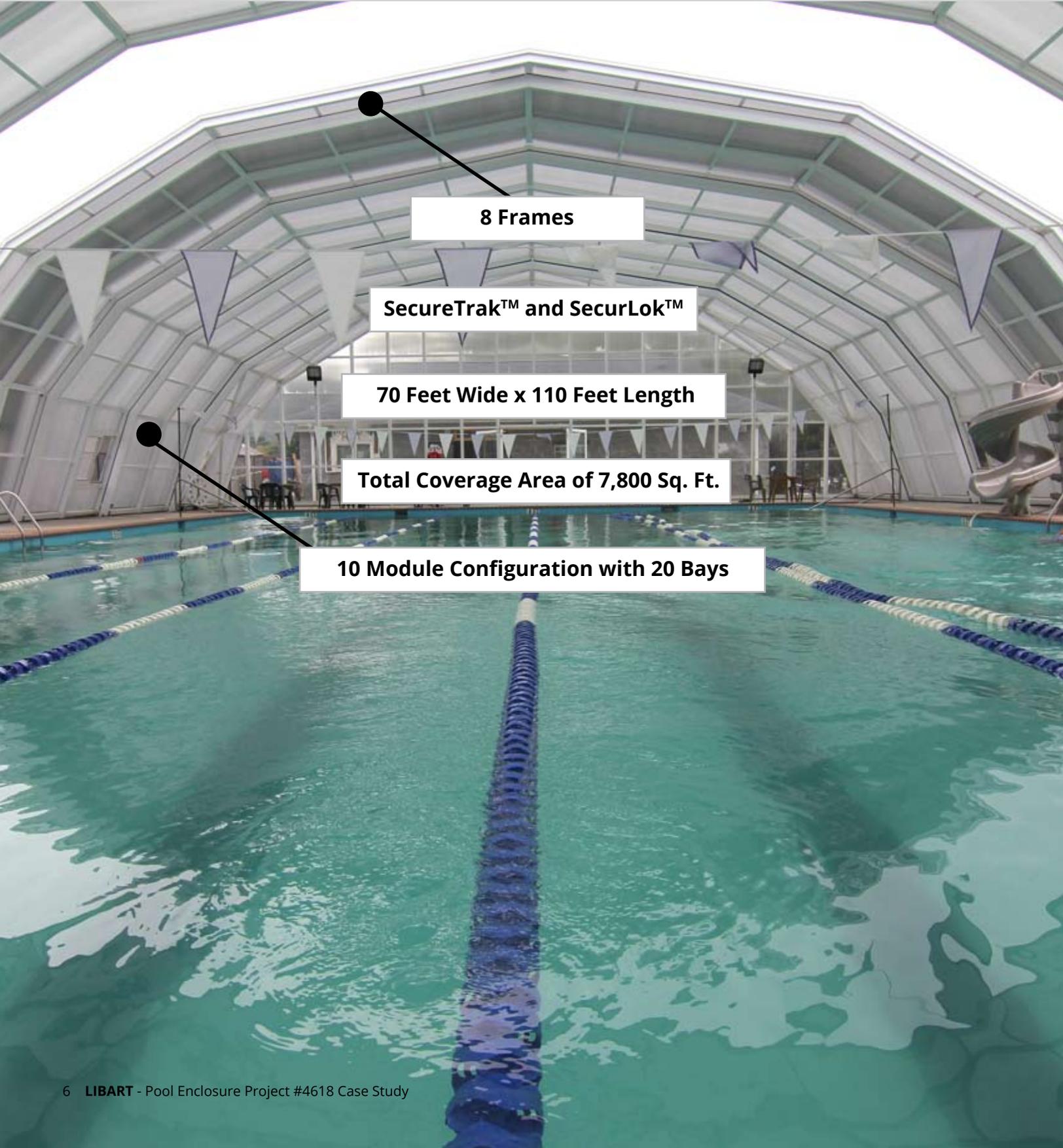
Q: How will the enclosure impact your facility?

A: The enclosure has brought tremendous excitement which has the community stirring and we're hopeful this is the beginning of an excellent financial impact as well.

Q: If so, will you create any new programs to suit your schedule? Will this expand business?

A: We've already been able to start a year round swim team, as well as an aqua zumba class, water aerobics, and we've become the home pool to several schools in the area and a triathlon group.

DESIGN DETAILS



8 Frames

SecureTrak™ and SecurLok™

70 Feet Wide x 110 Feet Length

Total Coverage Area of 7,800 Sq. Ft.

10 Module Configuration with 20 Bays

LIBART ENCLOSURE PURCHASE PROCESS

» Indoor Comfort, Outdoor Freedom!

From the start, Libart's highly trained staff and engineers expertly guided Wendy through the design and buying process, resulting in a pool enclosure that met OSC's unique needs.

Purchase Process:

- **Step 1: Plan**

The Get in Motion Project Planner provides general information about pool enclosures and helps gather the pertinent information needed to build the enclosure.

- **Step 2: Budget**

Using the information from the Project Planner, Libart provides a Good Faith Estimate that establishes an accurate project budget.

- **Step 3: Design**

A Libart Project Manager visits on-site to finalize the design and review options. Often the Project Manager also visits the local Building Department to insure a trouble-free experience when applying for permits.

- **Step 4: Production**

The pool enclosure is built, delivered and installed in as little as 3 months from the building permit date.



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MOTION IN ARCHITECTURE

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