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Callahan completes construction of \$6 million energy efficient Falmouth Ice Rink

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Callahan, Inc. (www.callahan-inc.com) completed work on the new Falmouth Ice Arena. The energy efficient arena opened earlier this summer. Callahan provided construction management and general contracting services for the new facility.

The \$6 million project was funded entirely by private donors and supporters of the Falmouth Youth Hockey league. The rink was at its previous location for 40 years. The new location features a 50,000 s/f Pre-Engineered Metal Building and is on 7 acres.

"We are always eager to work on projects that integrate the latest energy-saving technologies and cost-efficient products," said Joe Roche, project manager at Callahan, Inc.

The arena features one full NHL rink and a half sheet studio rink. The building is powered by the sun through an 890 kilowatt solar panel field on the roof and carport canopies in the parking areas. Other energy efficiency technologies include: optimized heating, ventilation and air-conditioning systems, heat recovery technologies and on-demand water heaters. The advanced water heat recovery system powers the under-slab heating, snow melting and heating for ice resurfacing.

"The new cutting-edge arena is the only of its kind in the region, using only half the power of similar arenas," said Joel Irving, general manager of the Falmouth Ice Arena. "With more than 3,000 solar panels we will produce approximately 950,000 kilowatt hours each year."

In addition to the solar and energy efficient elements, the arena features a number of added amenities. These include a 2,000 s/f fitness center, full service snack bar and concession kitchen, administrative offices, nine locker rooms, lobby with a fireplace and seating area viewing the ice, and a pro shop with skate rentals. The custom made bleachers were built above the team changing rooms, providing an excellent view of the ice. The arena holds close to 850 spectators.

"We make an extra effort to have skilled contractors well versed in the benefits of energy-saving and efficiency systems," added Roche. "The Falmouth Ice Arena is an excellent example of this type of integration and our expertise."

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