

# Brunswick School

## Natatorium Environment

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<b>Location</b>	Greenwich, Connecticut	<b>Size</b>	23,000 square feet
<b>Architect</b>	Skidmore, Owings, & Merrill	<b>Cost</b>	\$18 million
<b>Services</b>	MEP/FP	<b>Completed</b>	2014

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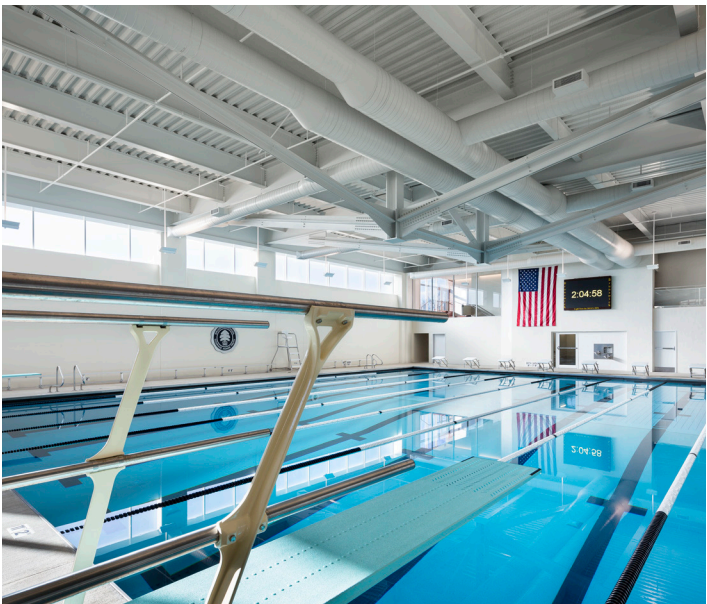


This newly constructed natatorium environment is truly state-of-the-art and rivals many college aquatics facilities. It is a welcome addition to the school's nascent water polo team and the surrounding community who have access to the pool facilities for "learn to swim" programs.

Kohler Ronan's team created MEP/FP systems to accommodate this natatorium environment featuring a 25-yard, 8-lane pool. Building systems include a geothermal envelope designed to maintain a constant 80°F (+/-2°F) and 55% relative humidity (+/-5%), thus insulating the building from extreme temperatures.

Additionally, the pool is heated with excess energy recovered from the building's dehumidification and air handling systems. As the facility's roof houses a turf football field, our team had the added challenge of designing systems to accommodate this field; MEP equipment, intakes, and vents could not interrupt the playing field. Engineers met the design challenge, and the resulting facilities and systems have allowed the school to greatly expand its athletic programs.





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