

# Bear Library

## Public Library Renovations

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Location	Bear, Delaware	Size	25,000 square feet
Architect	Holzman Moss Bottino Architecture	Cost	\$2.5 million
Services	MEP/FP	Completed	2013
Awards	<i>Associated Builders and Contractors of Delaware, Excellence in Construction 2013</i>		

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As the most heavily used library in Delaware at the time, Bear Public Library's renovation of approximately 25,000 square feet was critical to the community. The existing building, built in 1998, was in dire need of a facelift. Renovations needed to enhance the functional and programmatic needs of the library which ranged from serving as reading and research space, to community education and public gathering spaces. Improving thermal comfort presented as a key issue.

The existing mechanical systems were retrofitted to variable air volume (VAV) systems to allow for flexible use of programming and more energy-efficient systems. Condensing units and other equipment at their useful life were replaced with more energy-efficient equipment. demand control ventilation was implemented to improve both indoor air quality and energy efficiency. Finally, new restrooms were provided to meet the needs of the large populations visiting the library. The renovated Bear Public Library is now equipped to serve its community well into the future.



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