

# Charleston Library

## New Construction

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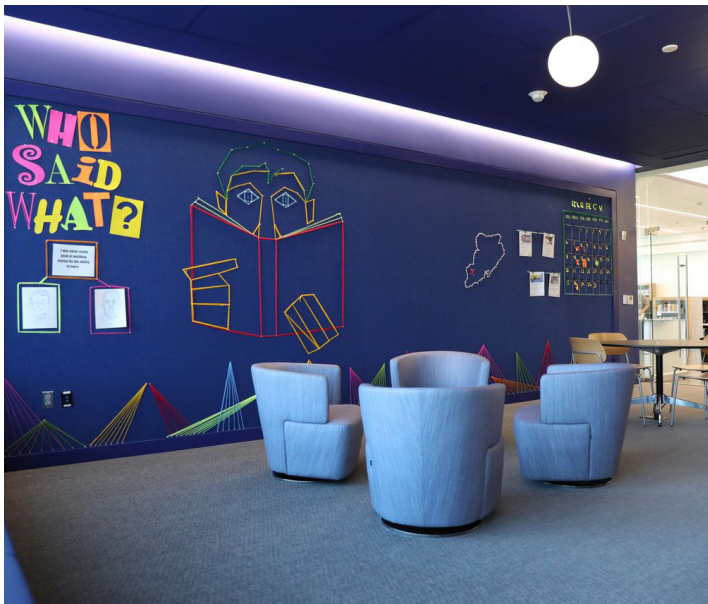
<b>Location</b>	Staten Island, New York	<b>Size</b>	10,000 square feet
<b>Architect</b>	ikon.5 Architects	<b>Cost</b>	\$17 million
<b>Services</b>	MEP	<b>Completed</b>	2022
<b>Sustainability</b>	<i>Net-zero Energy Certified</i>		

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Kohler Ronan had the pleasure of providing comprehensive mechanical, electrical, and plumbing designs and services for the Charleston Library. Consisting of 10,000 square feet, the new one-story branch library includes community spaces, a children's room with a story-time area, a teens' room with computers and a lounge area, an adult room with computers, and an entry plaza with bench seating. The library also offers on-site programs for classes and workshops.

Our professionals provided engineering design and specifications support for the study of multiple energy conservation measures in conjunction with New York City's Department of Citywide Administrative Services (DCAS). The focus was to evaluate the feasibility of incorporating sustainable features above and beyond the project's original program brief for the design development phase. This work ultimately proved that all the ECMs were effective; they were accepted and subsequently funded by DCAS. Upon implementation of these strategies into the final design, the first net-zero energy library in New York City was achieved.



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