



Planning & Resource Protection

Status: Complete July 2012

Cost: \$6,300,000

DCR Team:

Architecture Section
Bureau of Engineering
Division of Urban Parks

Project Duration:

18 months

Consultant:

Graham Meus Inc.
Architects

Contractor:

Construction Dynamics Inc.

Highlights:

- State-of-the-art facility providing the latest in modern aquatic design, universal access and public safety standards. The new pool has an array of areas for multiple uses; zero-depth entry, tot area, spray features, and a deep end with lap swimming.
- This facility is the first-of-its-kind for DCR, featuring a zero net energy pool, bathhouse and equipment building. These buildings can use solar photovoltaic energy for electricity and solar thermal energy for hot water and some building heat. The entire facility can be 100% electrically sufficient; unused energy goes back to the grid. The solar thermal units can also provide heat during off-seasons as a waste product, with no other heating system required to maintain building temperature.



Old Connors Pool



Connors Pool

Charles River Reservation, Waltham

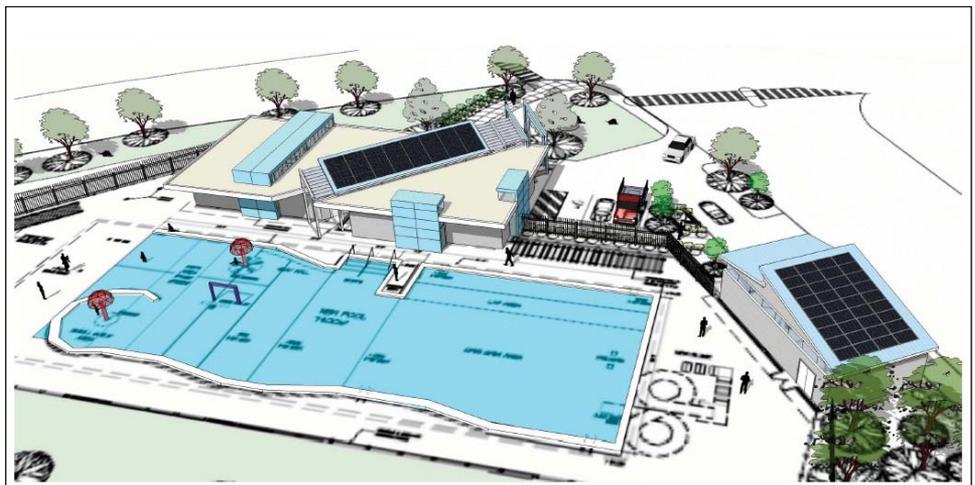


View of Pool Prior to Grand Opening July 2012

The Connors Pool sits atop the banks of the Charles River in Waltham, at the intersection of Newton and River streets. It had been closed for a number of years due to structural failure. A study completed via DCAM in 2008 recommended replacing the existing facility with a multi-use pool featuring a beach entry, spray features, and lap swimming area.

The original pool, bath house and equipment buildings were demolished while utilizing the old pool shell as a form for the redesigned pool to fit inside. This re-use saved substantial demolition and removal costs, aiding in the new pool construction.

Utilizing technologies such as photovoltaic panels for electricity and solar-thermal panels for hot water, this new facility is a modern, more energy-efficient bathhouse with a small maintenance facility for the Upper Charles area. Since DCR Pools are open a little over two months per year, this building has the potential to be a "zero net energy building" and is designed to LEED Green Building certification levels.



Proposed site plan with new pool and bathhouse, Graham Meus Inc. Architects