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Wayne J. Griffin Electric completes WPI's Sports and Recreation Center project: Project team includes Cardinal, Gilbane and Cannon

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Wayne J. Griffin Electric, Inc. (Griffin Electric) completed the electrical installation work for Worcester Polytechnic Institute's (WPI) Sports and Recreation Center.

The 145,000 s/f complex consists of a four-court gymnasium with a three-lane jogging track; natatorium with a 25-meter competition swimming pool and support spaces; two levels of fitness space, including cardio, free weights and circuit training equipment; three racquetball / squash courts; an eight-person rowing tank; multipurpose rooms; a training / rehab suite; two hydrotherapy tanks; locker rooms; offices; conference rooms; and support spaces. Additionally, there is an area dedicated to the WPI Robotics Program.

Recently awarded a LEED Gold certification, the building features 35 solar thermal panels on the roof in order to heat the pool, plus underground storage tanks to collect rainwater from the roof for the cooling system. Some of the fitness equipment is being utilized to generate electricity, while FSC (Forest Stewardship Council)-certified wood, or wood that's easily replenished, is contained within building paneling and furniture, in order to protect endangered forests. Furthermore, over 75% of the construction waste was recycled and diverted from landfills.

The Griffin Electric team was responsible for the installation of electrical service and a 400KW generator, as well as power, lighting, and fire alarm systems within the facility.

The owner's project manager, Cardinal Construction, Inc., along with general contractor, Gilbane Building Company, and architect and electrical engineer, Cannon Design led the project to its completion.

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