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“COMMENT”

“ Motion Fitness offered us a distinct lighting challenge. The club is huge and has many different ceiling heights and types. We designed and installed a variety of direct and indirect light fixtures and lamps to provide attractive white light for all activities. Light sources ranged from great heights over the pool area to more intimate lighting in workout areas.”



Scott Kowalkowski
Project Manager

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MetalTek Builds High-Tech Addition to Investment Foundry

Metaltek Investcast Division has built an addition to its Watertown investment foundry featuring a large and unique robotic system producing ceramic shells (molds). The shells are now produced in 24 hours as opposed to a process that had taken up to 10 days.

The 29,000 sq. ft. addition is attached to the original 40,000 sq. ft. plant. MetalTek Investcast produces specialized alloy, high-definition, tight-tolerance parts used as-cast with little or no machining. The parts are used in high-heat, abrasive or corrosive environments.

Roman Electric was originally hired to install just the electrical service for the



MetalTek Investcast Division built this 29,000 sq. ft. addition to its Watertown investment foundry to improve and increase its production of tight-tolerance parts for difficult environments.

addition. But as Roman VPs Bruce Janczak and Phil Rose, project manager Greg Cottone and foreman Fred Freeman worked with general contractor Link & Associates, Roman’s participation grew into a sizable \$800,000 design/build project.

Roman removed the old overhead primary service, and installed a new 3000 KVA

transformer and high-voltage switchgear with an underground feed to the new 4000 amp 480/277 volt transformer. Roman electricians added a new electrical system to the existing plant and relighted the building. In the addition, Roman wired the new

Continued on page 2

Motion Fitness Health Club has two full-size basketball courts with 12 hoops. Forty 400 watt decorative metal halide lamps illuminate the courts as the light reflects off the shiny floor.



Motion Fitness Health Club Largest in Wisconsin

The new Motion Fitness & Racquet Club on Beloit Rd. in New Berlin is a 146,000 sq. ft. testament to the growing interest in physical fitness. The huge impressive club features strength and cardio training, swimming and a 17,000 sq. ft. water park, tennis and racquetball, group exercise, volleyball, basketball, running/walking, simulated

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High-Tech Foundry

Continued from page 1

building, wired and helped relocate existing equipment, and powered the new production equipment.

At MetalTek's request, the primary switchgear used was recycled from County Stadium, where it had been installed in

Bill Dossett, business development director for Link & Associates, said, "Roman did a fantastic job! They met very tight, very stringent time constraints thanks to their great planning and coordination. We'd take equipment down Friday night and Roman would have it up and running Tuesday morning. They had all the

Roman electricians wired MetalTek Investcast's production equipment including the total climate control components for this VA Tech robotic system that produces ceramic shells much faster than previously possible. The plant is lighted by 1000 watt high-pressure sodium lamps.



1987. The switchgear was tested, certified, repainted and serves as a cost-effective fully capable power component.



needed material on hand and even did prewiring to speed hookups. Things went really, really smooth and everyone was happy.

"Roman's a great company to work with. They're number one in service and always helped the other trades with power requirements. The Associated Building

The electrical network installed by Roman provides power and lighting for the new plant.

Contractors chose this job as an Industrial Project of Distinction and will present awards to us and Roman."

Dave Kirmse, engineering manager at Metaltek



Parkridge Center II is a 22,000 sq. ft. office building set among hardwood trees in a natural setting just

Prairie-Style Office Set Among Trees

Nestled in a natural setting with hardwood trees and wildlife, Parkridge Center II, just minutes from I-94 at Highway 164, also offers freeway convenience. The 22,000 sq. ft. prairie-style office building, with an attractive copper roof, is owned by Norm Yerke, developer, and The Boldt Company, general contractor. Boldt has its corporate offices on the second floor.

Design/build electrical contractor Roman Electric installed an 800 amp 277/480 volt service, power and lighting for the building, and wired the 11,000 sq. ft. Boldt offices. The

Investcast, said, "Roman was very responsive. They did a lot of things above and beyond the call of duty whenever I needed help."

Larry Koltz was also pleased with Roman's performance. VP of quality assurance and engineering services for Wisconsin Centrifugal, another MetalTek Division, he was part of the project development team. "Roman brought a lot of expertise to the job. We had to increase the power available and Roman did the engineering and installation. They did a very good job and did it expeditiously."

Roman installed primary switchgear that was recycled from County Stadium, tested, certified and repainted. It includes room for adding more primary power.

"If you're like us, you're always looking for new ideas, better methods and new business."

CURRENT events

is one way we can show you building developments, new power systems, information technologies, skilled techniques, useful ideas. We want you to remember Roman Electric when you're ready to build or repair electrical systems, computer networks, and voice/data installations."

Sheriffs Training in Advanced New Facility



Office building surrounded by trees, minutes from the freeway.

Office Building and Wildlife

first floor hadn't been leased as of this writing.

"Roman did a fantastic job," said Norm Yerke, "but they always do. Barry Dickinson did a super job again too. Roman is a superb outfit with excellent customer service and excellent people."

Steve Roth, Boldt director



A custom fixture with fluorescent lamps designed by Visa Lighting and slate tile floors grace the attractive lobby in Parkridge Center II.

of construction management, said, "Roman did a really nice job on the building, on both engineering and construction. They have a great attitude and

The prairie-style building blends well with its surroundings.



The new Milwaukee County Sheriffs Training Academy will provide advanced law enforcement instruction in new techniques, weapons use, self-defense, dealing with suspects in real-life environments, handling inmates, etc.

Lecture halls are used for a variety of specialized training.

Sheriffs Captain Mark Stieber said the 46,500 sq. ft. building at 9001 S. 68th St. in Franklin was built for \$7.2



Sergeant Gregory Otto uses one of the three pistol firing ranges. The unique ventilation system completely exchanges the air every 87 seconds and provides a negative pressure so no air escapes from the room. The back wall contains several feet of shredded used tires to stop bullets.

million, considerably under budget, and much faster than expected. He said law enforcement agencies in Southeastern Wisconsin would be able to rent the Academy's state-of-the-art teaching systems to help offset the cost to taxpayers.

are really very professional to work with."

Roman VP Phil Rose and project manager Barry Dickinson designed the project. Jerry Cleppe was foreman. For The Boldt Company, Daren Maas was project manager and Ken Moehling was project superintendent.



The new Training Academy in Franklin will be open to law enforcement agencies in Southeastern Wisconsin.



Roman Electric's \$500,000 contract included installing the 2000 amp service, electrical systems, lighting, communications networks, fire alarm systems, and assisting in design. Roman TechNet installed communications and data cable.

In the building's lower level are three unique firing ranges designed by Range Tech, an international leader in the field. The ranges have highly effective ventilation systems guaranteed to pass industrial hygiene testing and rigorous OSHA standards.

The facility's "Hogan's Alley" is completely encased in rubber to retard bullets and features specialized lighting controls. The room can be set up to simulate actual law enforcement environments

such as apartments, kitchens, streets, airplane fuselages, etc.

C.D. Smith Construction of Fond Du Lac was general contractor for the building. Project manager Greg Sabel said, "Roman did a real good job. They're easy to work with and very good at followup."

For Roman, Dick Sujecki was account manager and Bob Czajka project manager. Foremen were Mike Wileman and Brian Schauer.



The beautiful entrance to the new Milwaukee County Sheriffs Training Academy features a tongue and groove pine ceiling, clerestory windows, architectural paver floor tiles, and decorative lighting.





Recycled

Huge Health Club

Continued from page 1

golf, child care, kids' activities, massage therapy and more.

Roman Electric was the design/build electrical contractor on the fast-paced job. Their \$750,000 contract included installation of a 2000 amp 277/480 volt electrical service and a variety of specialized lighting set at different heights over the sprawling facility. Roman project manager Scott Kowalkowski and designer Doug Hein designed the



The 17,000 sq. ft. water park at Motion Fitness features three pools, a whirlpool and fun for the kids. Attractive white light is provided by 80 ft. lengths of 400 watt metal halide lamps.

electrical system.

Dan Eckerman, project manager for general contractor Venture Development, said, "We built the club in 10 months, a phenomenal job for such a short time frame. Roman brought a lot of engineering value to the project. They did an excellent job." Eppstein Uhen Architects designed the building.

Motion Fitness owner Joe Dunne said the club is state-of-the-art, the largest in Wisconsin and one of the largest in the

country. "We broke ground late last November and nobody believed we'd open this October," he said. "But we did it and Roman was a huge part of that."

"There's an immense amount of electrical work in this building. We've got 3 1/2 acres under roof with a great deal of customized lighting, power to the pumps for the pools and the gigantic air conditioning system, and everything's computerized. Roman did an awesome job!"



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Over 14,000 sq. ft. of space filled with the latest equipment and weights is devoted to strength and cardiovascular training. The area is pleasantly well-lighted with indirect fluorescent fixtures and 250 watt decorative metal halide lamps.

Six indoor tennis courts are brightly lighted by 1000 watt metal halide lamps.



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