

Client:
Union County, NJ

Contract Value:
\$72,000.00

Remington, Vernick & Arango Engineers joined Netta Architects to provide mechanical, electrical and plumbing (MEP) engineering design and construction administration services for the new 8,000 to 10,000-square foot club house and lighting renovations to the existing ice rink at the Warinanco Park Recreation Center located in the Borough Roselle, Union County, NJ. Based on the technical scope of work, the existing clubhouse will be demolished and will be replaced. In addition, a new connecting canopy link will be designed and will be placed between the ice rink and clubhouse.

The clubhouse will be sized to accommodate approximately 800 people, including space for the Pro Shop, Snack Bar/Dining Area, Restrooms, Administrative Offices, Ice Skating Dressing Areas, Lockers, Party Rooms and Storage Rooms. The design will include ventilation requirements for a large indoor fire pit similar to the fire pit in the existing clubhouse. The new lighting for the ice rink will be designed to meet the most efficient and ergonomic requirements for the potential use for college-regulated ice hockey tournaments. The lighting will be designed with high output, impact resistant lighting fixtures. Additionally, the new connecting link/canopy will be designed with the necessary ventilation, lighting, fire alarm and fire suppression systems to best address the proposed design for this project. The canopy link will be sized to be the full length of the ice rink.

In general, services will be provided for the disciplines listed below and will consist of the following improvements:

- Fire Protection – Automatic sprinkler systems and a standpipe system inside the building and canopy link
- Mechanical – New heating, ventilation and air conditioning (HVAC) systems
- Electrical – New electrical power infrastructure, interior lighting, exterior building perimeter lighting, security systems, if required, and fire alarm infrastructure
- Plumbing – Plumbing fixtures, water heaters, water distribution and sanitary drain piping inside the building, and roof storm drainage piping, if applicable

Services include:

- Prepare all necessary analyses, drawings and other documents.
- Be available for general engineering consultation.
- Provide recommendations regarding the basic MEP systems for the Preliminary Design Phase of the project.
- Prepare the design development documents based on the preliminary design studies approved by the Architect.
- Prepare drawings and specifications detailing the requirements for the construction of the project as approved by the Architect.
- Provide bidding assistance services.
- Provide contract administration services at the award of the initial construction contract and will terminate at the issuance of the final Certificate for Payment.



Warinanco Park Recreation Center Improvements

Borough of Roselle, New Jersey

MEP ENGINEERING & CONSTRUCTION ADMINISTRATION SERVICES



REMINGTON & VERNICK ENGINEERS and Affiliates

Remington, Vernick & Vena ♦ Remington, Vernick & Walberg ♦ Remington, Vernick & Beach ♦ Remington, Vernick & Arango