

Pikeville YMCA Natatorium Addition

Pikeville, KY

Owner: Pikeville YMCA
Contractor: Elliott Construction
Contact: Todd Breahm
Phone: 606-437-7368
Project Status: Completed 2020



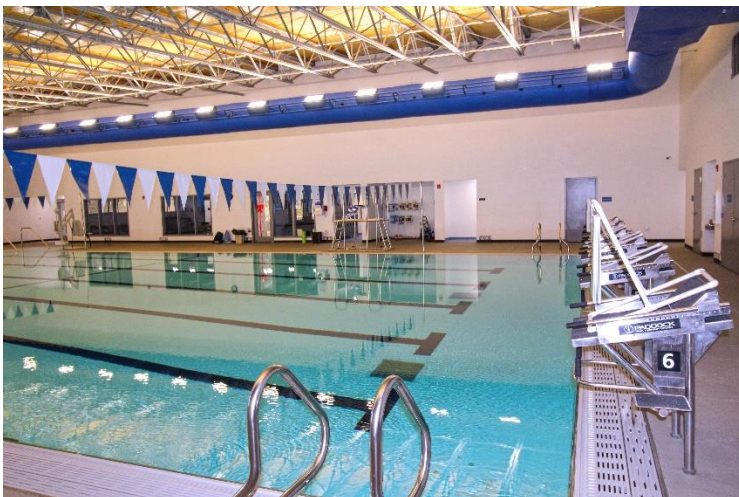
Project Description:

New natatorium addition to existing YMCA also included, meeting rooms, locker rooms, and renovations to existing building weight rooms.

Engineering Highlights:

HVAC:

HVAC system included a Seresco swimming pool environmental control/energy recovery system that included dehumidification, natural gas heating, economizer, purge economizer, glycol heat recovery loop between exhaust and outdoor air streams. This unit was connected to a new cutting-edge Paddock Evacuator Chloramine Evacuation System. The Paddock Evacuator system includes exhaust duct integrated into the pool sides with under slab exhaust ductwork system.



Electrical:

Indirect lighting system was designed and modeled to accent architectural elements in the main pool room. A new electrical service entrance was provided for this building as well as all new fire alarm and data systems.

Electrical power was provided to the pool pumping systems and related equipment in NEMA 4X corrosive resistant equipment and conduit. Two complete pool pumping systems, one for main pool and one for activities pool were provided.