



City of Albuquerque

Parks and Recreation Department

Timothy M. Keller, Mayor

David J. Simon, Director

02/28/2020

From: Josh Herbert, Aquatics Division Manager, PRD

Subject: North Domingo Baca Design Needs

The Parks and Recreation Department will receive 1.2 Million on the 2019 GO Bond for the design of the North Domingo Baca Aquatic Center. By obtaining the design for the Aquatic Center PRD is fulfilling the next step in the North Domingo Baca Master Plan. When considering your proposals please understand the below community needs while considering the North Domingo Baca Aquatic Center project and design. PRD Currently has funding for a splash pad that could be installed in the area designated for the Aquatic Center. Not included in this project but should be considered.

Programs

- Competitive Swimming/national level swim meets
 - Large spectator viewing areas, digital video scoreboard, state of the art timing system
- Water Polo – training, games, and tournaments
- Springboard Diving
- Lap Swimming
- Recreational swimming activities (interactive play features, slides, accessibility)
- Scuba diving
- Water therapy and exercise classes
- Both indoor and outdoor pools
- Learn to swim programs
 - Parent and baby, Preschool, Child, and Adult Lessons

Features and Components

- State of the art water filtration system
 - Calcium Hypochlorite erosion feeder
 - CO2 to regulate pH
 - AOP Pool Treatment System – Hydroxyl-Based Advanced Oxidation
 - Automatic Chemical Control System
- State of the art HVAC system for indoor pool facility with integrated controls for climate, and lighting.
- Building Security Control – Access control, Intrusion and Surveillance.
- Ample Locker room and shower space
- Energy Efficient Building Design – Energy Unit Index (EUI) of 200 or less (BTU/Sq. Ft.)
- Three Bodies of water
 - Indoor - Ten lane (25 meters) by 25-yard competition Pool – 8 ft deep – Must meet NCAA requirements for water polo and swimming.
 - Indoor - Leisure pool and diving well 4ft to 14.5ft – Must also have at least (2)25-yard lap lanes.
 - Outdoor – Leisure Pool with slides and water features – Also must have at least (4) 25-yard lap lanes.

Should you have any further questions, feel free to reach out to Parks and Recreation Aquatics Division Manager.

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