



# H-E-B Park, Edinburg, Texas

## H-E-B Park, home of Rio Grande FC Toros, uses Rain Bird products to maintain premium turf quality throughout their stadium, playing fields, and grounds

The Rio Grande FC Toros have a new professional stadium that includes three practice fields for youth soccer, an outdoor amphitheater, a playground, and picnic areas. Located in the Lower Rio Grande Valley, the area has a warm and fair climate that averages high temperatures of 85°F and lows of 63°F with an average rainfall of 24 inches.

### THE CHALLENGE

Turf quality is the top concern of both FC Toros players and team management. H-E-B Park includes a 9,700 seat professional stadium along with several other outdoor venues for playing sports and enjoying live entertainment. With tight watering windows, it is important to be able to run multiple stations at the same time, utilize rotors with high flow demand, and adjust flow and irrigation schedules from anywhere, at any time.



### THE SOLUTION:

Irrigation contractor, Aqua Tech, will install a highly intelligent Rain Bird irrigation system throughout the property, enabling irrigation managers to regulate irrigation schedules based on flow capacity and demand, improve efficiency, and complete all watering in a short period of time.

#### Core Products Used:

- [Rain Bird® Central Control](#)
- [ESP-LXME Series Controller](#)
- [ESP-LXD Series Two-Wire Controller](#)
- [1804 Series Spray Heads](#)
- [5004 Series Rotors](#)
- [Falcon® 6504 Series Rotors](#)
- [CLP Series Pump Station](#)
- [PEB Series Valves](#)
- [Drip Control Zone Kits](#)
- [XFD On-Surface Dripline](#)
- [XFS Subsurface Dripline](#)

#### KEY OBJECTIVES

- ✓ [Centralize Irrigation Control](#)
- ✓ [Enable Remote Management](#)
- ✓ [Complete Watering Quickly](#)
- ✓ [Improve Energy Efficiency](#)



## Site Report: H-E-B Park, Edinburg, Texas

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“ There is not a day that goes by that I don't use IQ to manage the system. It's pretty cool that I can make changes to schedules to accommodate my customer right from my phone.

ROBERT EVANS  
AQUA TECH OWNER



### RESULTS:

#### Consistently Even Turf

By replacing the outdated rotors with Rain Bird's Falcon 6504 rotors, H-E-B Park can now maintain consistent, high-quality playing surfaces on both the practice and professional playing fields.

#### Automated Energy Savings

Flow sensors send accurate flow data to the Central Control system which manages the irrigation schedules based on the flow capacity and demand. This enables more efficient use of the pump, which can run continuously without having to cycle on and off, and helps complete the watering in a short period of time.



### APPROACH:

#### Utilize Falcon 6504 Series Rotors, XFD & XFS Driplines

The heavy duty Falcon 6504 Series Rotors offer maximum water distribution, even coverage, high performance, and are ideal for watering the athletic fields. XFD On-Surface and XFS Subsurface driplines are used to irrigate the hedges, ground cover, and remaining areas not covered by the rotors. XFD Driplines are extra flexible and resistant to UV chemical, and algae damage, while XFS Dripline uses patent-pending Copper Shield Technology to protect the emitter from root intrusion.

#### Install ESP-LXD Series Two-Wire Controllers & Rain Bird Central Control

ESP-LXD controllers can easily manage up to two hundred stations, and flow management is built into each one to enable more efficient use of the pump and faster watering. The Central Control system enables Aqua Tech to adjust the schedules or manually stop or start a program or zone from any computer, smartphone, or tablet.

