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Avenir Development, Palm Beach, FL



Project overview

The irrigation designer for Avenir, a western Palm Beach County, Florida residential and commercial development project, began evaluating product offerings in early 2019 to deliver a best-in-class system. After taking into consideration the system needs, the designer opted to utilize a range of K-Rain commercial products throughout the development. When complete, the complex will be home to over 3,900 new homes and over 2.5 million square feet of commercial/office/retail space.

For the development's irrigation needs the contractor, Arazoza Brothers, chose the K-Rain Pro-S spray for its reliability and many features. The Pro-S is designed to provide long life and outstanding performance. In various sections of the system, the designer was focused on delivering water savings (matched precipitation), reclaimed water designation (RCW) where needed, little/no low-head drainage and product longevity in sandy conditions. Throughout this phase of the project, the designer chose various models of the Pro-S spray matched with the K-Rain fully adjustable rotary nozzle – the RN ADJ line – to deliver on these requirements.

The RN ADJ line ensured optimized, matched precipitation rates to deliver up to 30% water savings, while the Pro-S Spray's co-molded wiper seal design provided outstanding, leak-free, performance (even in low-pressure situations). The seal, and resulting operation, combined with leading pressure regulation technology, a pre-installed check valve, and RCW designated cap (where applicable) combined to make this the optimal spray and nozzle mix for these segments of the project.

With development expected to continue in the coming decades, subsequent phases of the Avenir project will see development of 300 hotel rooms, 55 acres utilized as for an elementary school, and over 60 acres developed for civic and recreational use. Avenir will continue to rely on K-Rain's commercial product line to deliver the results and reliability.

K-Rain products used

- ▶ Pro-S™ Sprays, 6" and 12"
- ▶ Fully Adjustable Rotary Nozzles

Landscape Contractor

Arazoza Brothers, Homestead, FL