

Calusa Park

Fast Facts

Products

Dura Flo CV

Address

643 Resolute Way
Nokomis, FL 34205

Owner

Calusa Park

Application

Juniper Landscaping, Inc., an award-winning Florida-based landscape company that works with both commercial, residential and government landscaping clients, was looking for an irrigation system that would comply with county water regulations and provide silent, maintenance-free operation.

Project Information

Calusa Park is a newly built residential community of 88 homes located just south of Sarasota, Florida. In addition to designing the landscaping and installing the plants and trees, Juniper Landscaping had to set up and install an irrigation system for all common areas and individual homes.

Their challenge was to work within Sarasota County's regulations that all new landscaping projects use drip irrigation and the 50/50 rule (50 percent of the project can be turf and 50 percent has to be mulch bed).



Products

Dura Flo CV is an efficient solution for landscape engineers who need to reduce water use. Its longer run length reduces the number of header materials and connectors, and therefore decreases the chance of leaking along with overall maintenance costs.

Calusa Park

Products (continued)

“This project utilized the purple-striped Dura Flo CV tubing to signify that the water is recycled. Florida is investing in a lot of infrastructure to support the use of nonpotable water for appropriate applications,” Tony Gartner, Juniper’s project manager, said. “Juniper, as a leader in the Florida Irrigation industry, wanted to be proactive in supporting the use of recycled water on their projects.”



NDS Advantages

In installing the irrigation system, landscape designers at Juniper Landscaping drew water from the community’s large pump station. The check valves on the Dura Flo CV lines helped keep the lateral lines full after shutdown, which has the double advantage of reducing wear and tear on system components and reducing water waste.

The anti-siphon feature on the emitter helped solved a problem that has long bothered residents. Other manufacturers’ tubing produced a loud sucking sound when the system turned on and shut down. With Dura Flo CV, this loud, sucking noise has been eliminated. This anti-siphon feature also prevents debris from being sucked in and clogging the emitter.

Increased water efficiency and less noise during operation are two great features, but the ultimate test is in how well a system irrigates and keeps plants healthy and green.

To accommodate Florida’s sandy soils, the team at Juniper Landscaping used 12-inch spacing and set the water flow to .9 gph on all installations. This was ideal for the majority of the plants that were spaced between two and three feet apart on centers. On trees and other features, the bending radius and kink-resistant quality of Dura Flo proved invaluable. Landscapers were able to bend and wrap around larger trees or around the root ball of smaller trees.

The result: saving water while growing green, healthy plants.