



## THE PRESERVE AT LAUREL LAKE SITE DEVELOPMENT ENGINEERING

### PROJECT DESCRIPTION

The NFPS design team designed the adaptation of Preserve at Laurel Lake subdivision throughout its expansive development. Now one of the premier living communities in North Central Florida, The Preserve developed from 40-plus lots to over 400 lots, along with a club house and community area; recreation area including a pool, volleyball, tennis, picnic and RV parking areas; and nature preservation areas. NFPS worked with the developers to complete the layout of initial phases, including amenities and future phases of the Preserve.

Our team completed the design and permitting for this project, which involved extensive stormwater permitting through Suwannee River Water Management District (SRWMD) due to the wetlands on site. Those wetlands required delineation and were conserved as natural amenities for the development.

CEI services for the construction of the drainage improvements for the Phase I Sewer System design consisted of 5244 LF of 8-inch PVC pipe with 23 manholes, a 250 GPM lift station and 3850 LF of 6-inch Force Main. The water system was split into 10 phases, with the first phase consisting of 5,116 LF of 12-foot PVC pipe extensions to the City of Lake City's public water supply system and 12 fire hydrants placed every 500 feet. The natural gas system was divided into phases, the first of which included connection to the City's high-pressure line and installation of a metering station. The Phase I natural gas system will serve 145 homes.

### TOTAL CONTRACT FUNDING

(approximately)

**\$1,900,000**

### CLIENT REFERENCE

Daniel Crapps Agency  
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### PROJECT MANAGER

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### SERVICES PROVIDED

- Master Site Plans
- Permitting/Wetland Delineation
- Coordinating with SRWMD
- Construction Management
- Construction Engineering Inspection

