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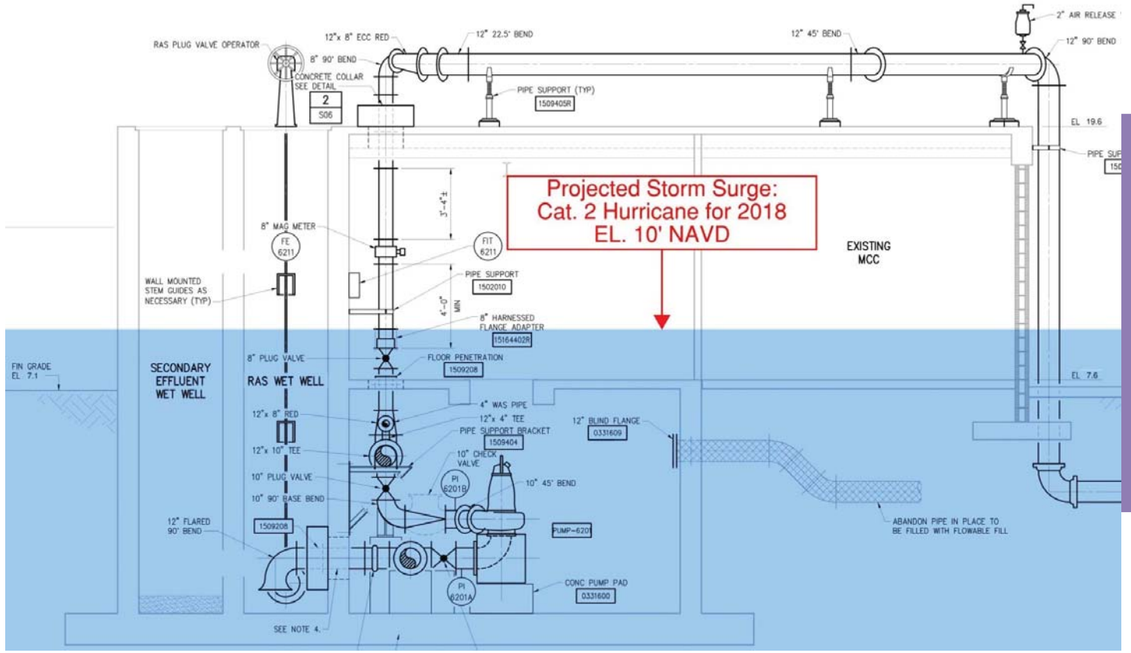
REGIONAL PROJECTS

WATER TREATMENT PLANT ION EXCHANGE PROJECT, CITY OF BUNNELL

First-ever municipal application of the Orica MICo (MIEX® Co-removal) ion exchange process that removes both organics and hardness with cationic and anionic resins in a common reactor vessel. Produces softer water, addresses customer water-quality concerns, maximizes source water and meets city's water demands through 2030

PLANTATION BAY WATER TREATMENT PLANT, FLAGLER COUNTY

Nanofiltration system that brings the aging facility up to regulatory compliance, supplements the county's reclaimed water system, provides golf course irrigation and eliminates need for concentrate disposal through deep well injection or surface water discharge



WASTEWATER TREATMENT PLANT CLIMATE RESILIENCY ANALYSIS, CITY OF ST. AUGUSTINE

Survey and analysis to assess the vulnerability of the city's wastewater treatment plant to flooding and evaluate the impact of storm surge and sea level rise on the facility to the year 2100

STEAM-TO-HOT-WATER CONVERSION, UF HEALTH, JACKSONVILLE, FL

Steam system solution that improves individual and community health by enhancing patient safety, conserving energy, and delivering best life-cycle costs at UF Health Shands Hospital

LAKE MARIA SANCHEZ FLOOD MITIGATION AND DRAINAGE PROJECT, CITY OF ST. AUGUSTINE

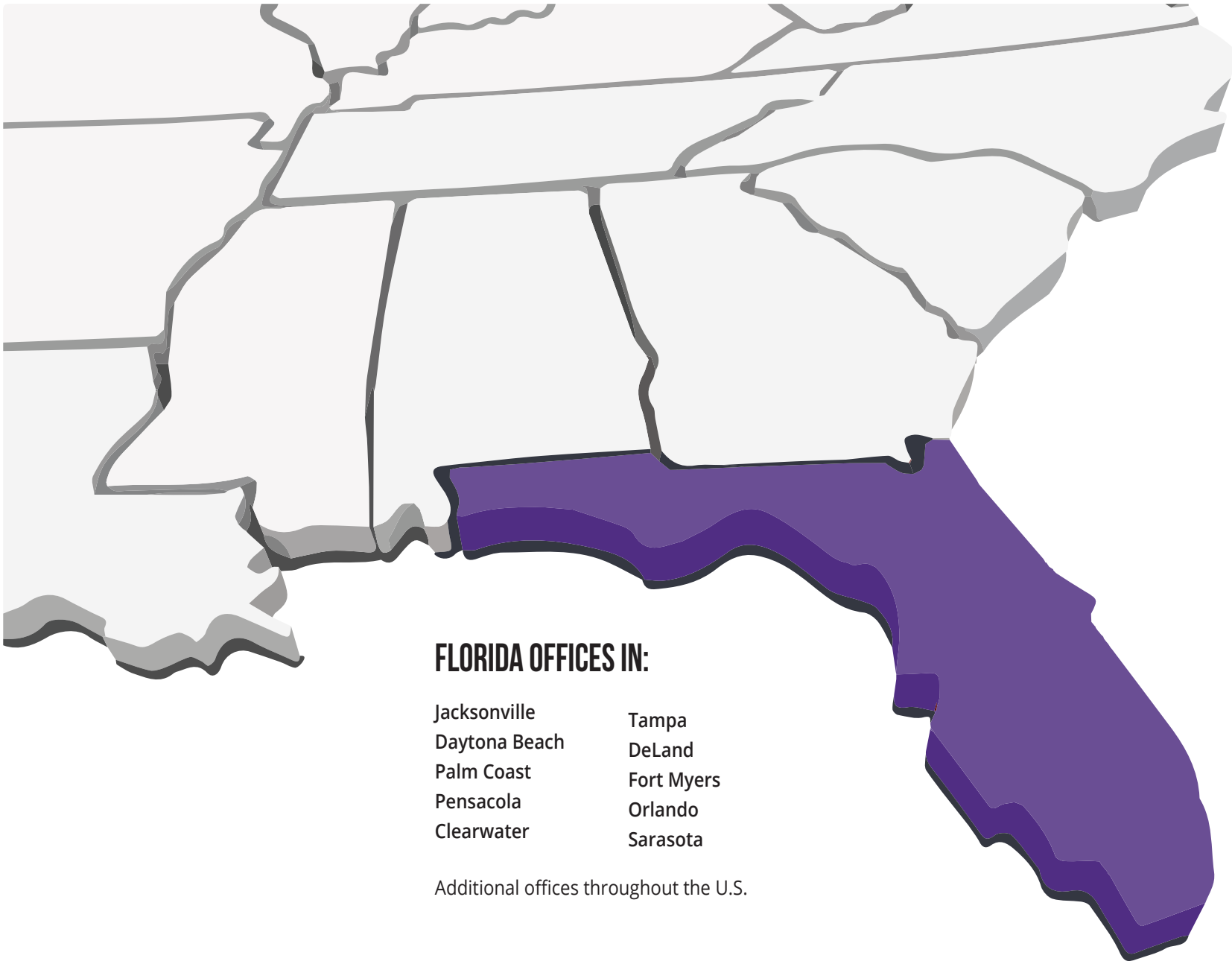
Stormwater improvement project that mitigates storm surge and nuisance tidal flooding with conveyance improvements and new stormwater pump station

ST. SIMONS SEWER FLOW MONITORING, BRUNSWICK-GLYNN COUNTY JOINT WATER & SEWER COMMISSION, GA

Identified sources and deployed solutions to address excessive stormwater inflow and groundwater infiltration levels during and after significant rainfall events

WTP #2 ZLD, CITY OF PALM COAST

Implemented cost-effective process that increased Reverse Osmosis (RO) recovery to 99.3%, eliminated RO concentrate surface water discharge, increased potable water production 19% and achieved city's water conservation and recovery goals



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