

# EXCEL

EXCEL FLUID GROUP, LLC

## APPLICATION OVERVIEW:

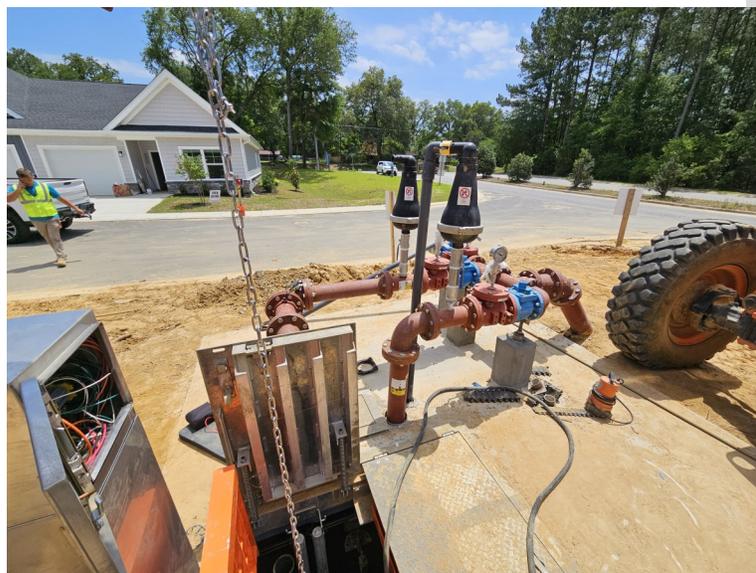
We worked with Dewberry and PrideOne Construction to design a pump station with a small footprint that fit Florida's Department of Environmental Protection requirements for a new private residential development.

## PUMP STATION DETAILS:

We prefabricated a 6 ft. diameter by 15 ft. deep fiberglass wet well with 4 in. HDPE piping underground. Following the Florida DEP requirements, 4 in. ductile iron piping was used at and above grade for the piping assembly. Sulzer 4 in. non-clog submersible pumps were used as they were rated for 230 GPM @ 79 TDH. It's all controlled by an Excel duplex NEMA 4X control panel with Schneider 14HP VFDs and PumpVision™ PV600 HMI controller accompanied with a Milbank Power Pedestal with utility meter, main disconnect, generator receptacle, and manual transfer switch.

## INSTALLATION:

The installation was completed by Pride One Construction with oversight from Excel Fluid Group as shown below.



October 2022

*Santa Rosa County, FL*

*Whisper Creek Blvd. Residential  
Development Sanitary Pump Station*



**PUMP SYSTEM**

*Florida DEP Sanitary Pump Station*



**INSTALL DATE**

*May 2022*



**OPERATIONAL IMPROVEMENT**

*Small Pump Station Footprint*



**SERVICE AREA**

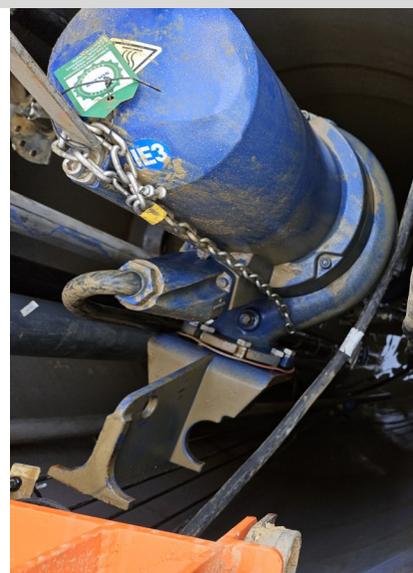
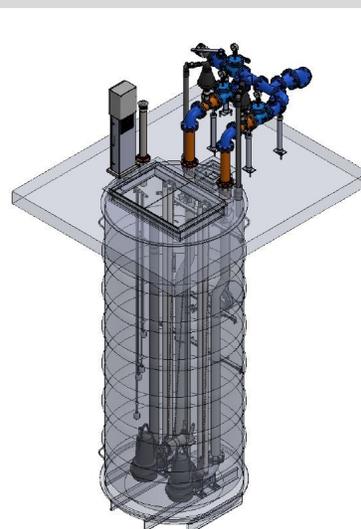
*Whisper Creek Residential Development*



# Dewberry

# PRIDEONE

CONSTRUCTION



**Design-Build Pump Stations**