

EXCEL

EXCEL FLUID GROUP, LLC



PACKAGED PUMP STATIONS

Why Prepackaged?

If you are a developer or utility contractor and need a stormwater or sanitary wastewater pump station for a project, what is the best way to go about sourcing this system? The answer depends on a few key factors. Are you looking for a stream-lined solution from one company that has in-house project management services, value-engineering capabilities to minimize risk? Or, are you set up to self-manage a complex supply chain and ultimately be responsible for the overall functionality, performance, and warranty of the pump station? A key factor is how much risk are you willing to take on, and is there a better way to complete a project under budget and ahead of schedule? We wholeheartedly believe that there is a better way.

Obviously, the end goal is the same with a field assembled pump station versus a factory built prepackaged pump station; deliver a working pump station in the ground that performs as designed meets quality expectations. However, have you thought if multiple steps could be combined or coordinated more efficiently to reduce onsite installation time?

Enclosures

Prefabricated Options Include:

- NoVault™ Pump Stations
 - NV2 (4 ft. x 2.5 ft.)
 - NV3 (6 ft. x 5 ft.)
 - NV4 (6 ft. x 6 ft.)
- Precast Concrete
- Structural Steel
- Fiberglass

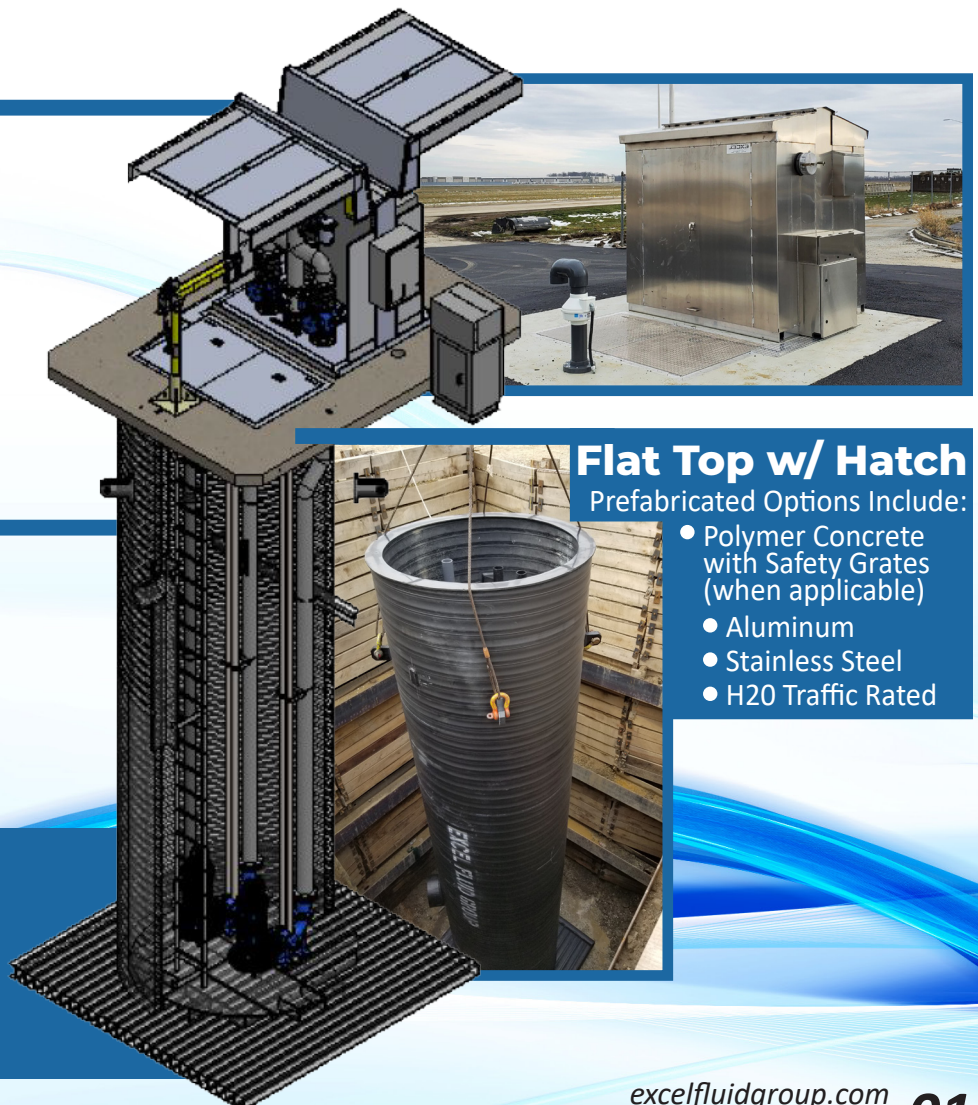
Wet Well

Prefabricated Options Include:

- HDPE
- Fiberglass
- Concrete

Applications

- Sanitary
- Stormwater
- Industrial Wastewater
- Water Booster
- Leachate



Flat Top w/ Hatch

Prefabricated Options Include:

- Polymer Concrete with Safety Grates (when applicable)
- Aluminum
- Stainless Steel
- H20 Traffic Rated

The Process

Field Assembled

- 1) Review Project Specifications & Drawings
- 2) Compile Material Lists and Quantities
- 3) Contact Vendors for Quotes

vs.

Factory Preassembled

- 1) Review Project Specifications & Drawings
- 2) Provide Turnkey Pump Station Proposal as Specified

Project Bid is Awarded

- 4) Research Value Engineer Opportunities
- 5) Send out Material Purchase Orders
- 6) Coordinate Individual Submittal Pages from Multiple Vendors
- 7) Release Materials to Production
- 8) Coordinate Material Timelines with Vendors

- 3) Submittal for Engineer Approval
- 4) Raw Materials Sourced
- 5) Factory Assemble and Test Components
- 6) Deliver Prefabricated Pump Station

Pump Station Installation

- 9) Field Assembly Components
- 10) Coordinate Start Up
- 11) Coordinate IOM Manuals from Multiple Vendors

- 7) Provide IOM Manuals and Oversee Start Up

The Benefits



Mitigate Submittal Lead Times

Our expert project management team will confirm project specifications and provide peace of mind



Supply Chain Simplification

We handle sourcing all of the raw materials in one centralized location with trusted vendors



Reduction of Risk

We factory test the pump station components to ensure everything is working as needed before arriving to site



Faster On-site Installation Times

Prefabricated components allow for simpler installs that lead to less on-site time

Red River Logistic Distribution Center (ID) - Brinkmann Constructors

Qty 1 Sanitary Pump Stations for a New Distribution Center to Connect to Local Sewer System

Project Challenge

Design and execute a turn-key packaged pump station solution that met local standards while having a small footprint at site

Challenge Solved

Working with the local client, we designed and built an NV2 with a fiberglass wet well and polymer concrete flat top that fit between their loading dock bays



Prefabricated Enclosures

Long Island Railroad (NY) - 3rd Track Constructors (Stantec/J.P. Picone/Dragados)

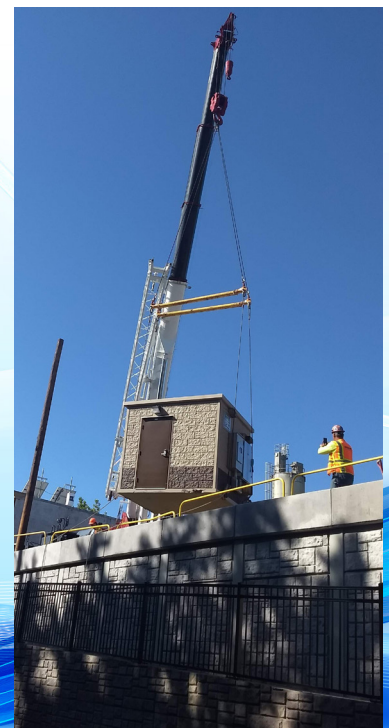
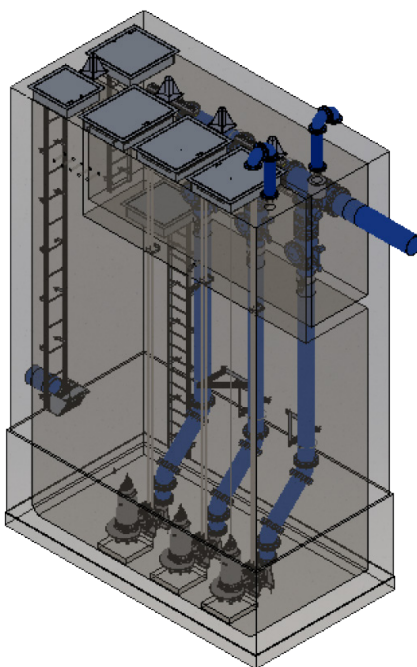
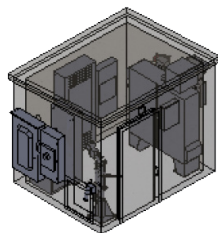
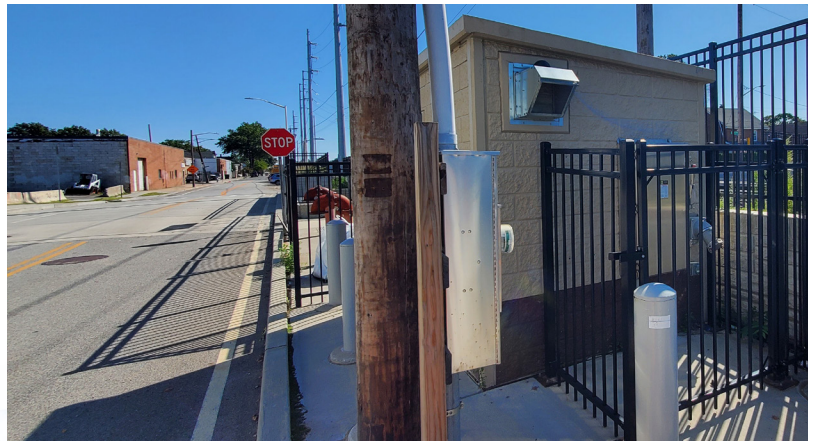
Qty 5 Stormwater Pump Stations for 5 Grade Crossing Eliminations Projects

Project Challenge

Eliminated level grade rail crossings caused a catchment area for stormwater along with limited utility footprint and timeline concerns

Challenge Solved

Prefabricated concrete controls buildings and a custom concrete wet well design with integral valve vault



Dayton International Airport (OH) - Passero Associates C.G. Construction / Sunesis Construction

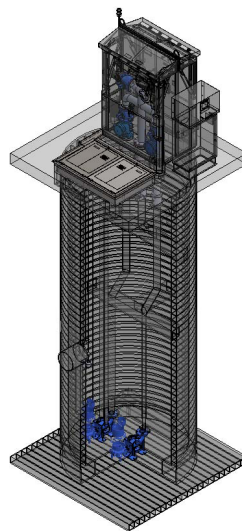
Qty 5 Sanitary Pump Stations for New Development and Upgrade of Existing Infrastructure

Project Challenge

Operations Team required five new pump stations to integrate with existing airport communications and alarm network

Challenge Solved

Custom SCADA and datalogging capabilities in each control panel with remote and local communication to their Operations Team



Fiberglass

Fort Belvoir (VA) - U.S. Army Corps of Engineers Manhattan Construction / Total Civil Construction

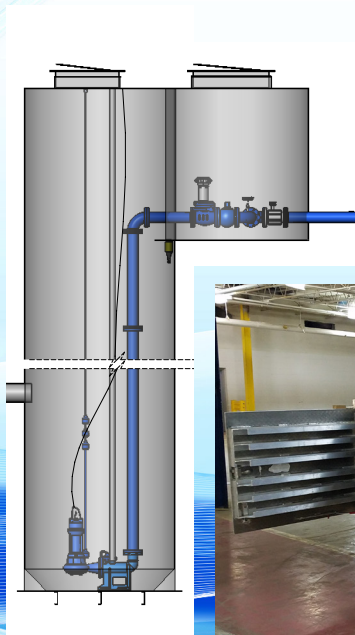
Qty 1 Sanitary 6ft Dia. X 39.5 ft. Deep Pump Station for New Building Development

Project Challenge

Long installation concerns and limited site access between a new building and roadway

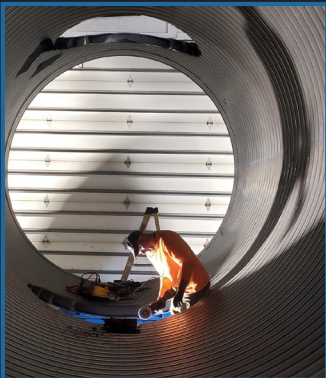
Challenge Solved

Prefabricated integrated fiberglass wet well with H₂O traffic rated hatches



Our Facility

5350 West 137th St. Brook Park, OH 44142



**HDPE
Fabrication
Center**



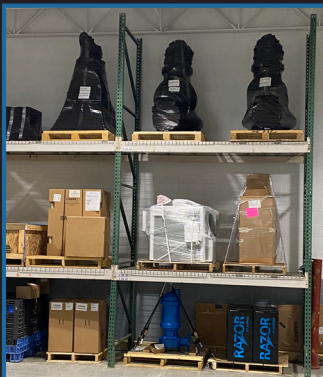
**In-House Project
Management and
Design Team**



**Stock of HDPE
and Fiberglass
Wet Wells**



**UL Certified
Control Panel
Manufacturing**



**Expanded Stock
of Submersible
Pumps**



**Pump Station
Production
Floor**



**5,000 Gallon
Testing Tank**



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