

# SPARKS & REMARKS

VOLUME 16, ISSUE 1

JUNE 2023



## IF THEY CAN DREAM IT, WE CAN BUILD IT

PB is no stranger to complex projects, and we have recently completed fabrication and shipment of a unique specialty vessel that our field teams are assembling onsite.

In a joint effort between our fabrication and construction divisions, the 40' long, 33' diameter, 700,000 lbs. vessel was fabricated and fully assembled at our Adamo facility in Tampa.

After processing and construction were completed by our fabrication team, the sub-assemblies were turned over to our construction division for assembly. The units then received a shop applied paint system before shipment to site where our construction division team is now performing final assembly and commissioning for our customer.

Success for Our Customers, Our Employees & Our Company

12781 US Highway 41 South, Gibsonton, FL 33534 • 813-241-4261 • [www.precisionbuild.com](http://www.precisionbuild.com)

# LETTER FROM THE CEO

---

Our goal as a company is to be an industry leader in all that we do, and the most important area of focus has and always will be SAFETY. Our top priority as a company is to provide a workplace and culture that recognize the importance of safety, and our expectation of all employees is that their top priority be safety for them and their coworkers.

To have a world-class safety culture, we must make sure our team members are comfortable reporting hazards and near misses. Near misses are symptoms of undiscovered safety concerns. Near miss reporting helps us to be proactive when it comes to identifying negative trends and practices. If we have near misses that are not reported, we lose the opportunity for all in our company to learn from what happened and what can be done to avoid them in the future. This is true for hazards as well. If you see something, please say something. Taking the time to say something when a safety hazard is identified is what our Safety Star program is all about. Each quarter, we identify individuals who report hazards or have ideas on things we can do to improve safety. From this group, we single-out the best examples from each quarter.

The improvements we've made in our safety practices have been supported by great partners such as Duke Mills, with WORKCOMP Solutions, whose commitment to safety in our industry has been part of the continued development of our safety culture and program. Over the years, Duke has supported many clients in dealing with serious injuries and fatalities that could have been avoided because someone saw something but didn't say anything.

At the end of 2022, Duke surprised Precision Build team members by recognizing the safety accolades they earned and their efforts in support of continuous improvement, presenting a television to each quarterly Safety Star Winner.

Duke honored our Safety Stars because their efforts are a vital part of our safety program and because they have



*Corey Yraguen,  
CEO of Precision Build*

elevated themselves as “Leaders” when it comes to safety in our organization. A special thanks to Duke Mills for his commitment to our company and to the industry at large in advocating safety strategies that make our workplace safer.

It's important to note that our international construction team members have performed at a high safety level for several years. We work in many countries around the Caribbean, in Central America, and South America, often in difficult or remote locations. I had the opportunity to share some time with our team at General Engineering Corporation (GEC) in the Caribbean. The GEC team has done a great job operating safely

and efficiently to service our customers. I look forward to seeing more of our team at our jobsites this year.



*General Engineering Corporation*

At the start of 2023, Precision Build launched a new website which provides a comprehensive platform for all our operating entities: Tampa Tank, Precision Tank, and Florida Structural Steel. This launch brings all our brands together under one online platform and highlights the reach of our services, expertise, and capabilities to support our customers. If you haven't yet visited the site, please check it out at: <https://precisionbuild.com>

Corey Yraguen  
CEO of Precision Build

# WORK SMARTER, NOT HARDER



## KINETIC CNC CENTER BRINGS EFFICIENCY TO BIG JOBS

PB continues the process, fabrication, and assembly work on more than 3,500,000 lbs. of steel for eight railroad bridges that will be shipped to site fully assembled.

The addition of our Kinetic CNC center in August of 2022 has enabled us to modify our approach on the girders from a drill at assembly plan, to drilling all holes on our CNC center prior to fabrication of the main girders. This approach reduces the

potential for error and the overall labor required.

Each web plate for the main girder is 1" thick, 145' long, 12' wide, and contains more than 1,900 holes. This material was transported in and out of the facility with a mobile gantry crane. This is part of the design of the Kinetic CNC, to allow for material beyond the capacity of the interior cranes to be processed on the machine.

After processing the material at our Adamo facility, members will be shipped to our Port facility for final assembly.



## FABRICATING A HOPPER FOR OUR PARTNER COMPANY

PB has completed fabrication, coatings, and shipment of a 12' diameter x 44' tall hopper for our partner company TRADEMARK Nitrogen.

This project was completed at our Adamo facility, then shipped to TRADEMARK's location in Tampa, FL.

It is always a pleasure to build something for a partner company, and we look forward to seeing this vessel in operation on one of our visits.

---

# FABRICATING SIGNATURE BRIDGE SHORING TOWERS

---



PB has completed fabrication of over 2,000,000 lbs. of structural steel for nine custom shoring towers to be used in the erection of a signature arch bridge in South Florida.

This project required more than 50 shipments for components to the construction site, of which 18 were over dimensional loads that required escorts.

The nine shoring towers were built with interchangeable components to allow flexibility in overall height that allow for use in multiple placements throughout the erection process.

While these are temporary members, due to their importance in the erection process, they were fabricated to FDOT bridge standards.

---

# FABRICATION FOR A BASCULE BRIDGE REPAIR

---



PB fabricated a replacement counterweight for a bascule bridge repair in South Florida. The project is unique in that the completed counterweight box is made up of ten separate boxes that were fully assembled in our facility, then shipped to site in ten sections to accommodate the site crane limitations.

This project features plate material up to 1 ½” thick, weighs a total of 400,000 lbs., and has more than 30,000 drilled holes.

Our team did an excellent job planning, executing, and completing this counterweight project, meeting the timeline of an aggressive schedule.

---

# GREAT GIRDERS!

---



PB is currently fabricating, assembling, and painting four crane girders that are 12' high, 190' long, and weigh approximately 200,000 lbs. each. These members are being fabricated at our Port facility in Tampa and contain more than 3,000 linear feet of welds per section.

After fabrication and assembly, this project will receive a three-coat paint system prior to shipment by barge from our Port facility.

---

## FIFTEEN FIELD ERECTED TANKS IN NEVADA

---

PB engineered, fabricated, and erected fifteen steel tanks per API 650 Standards for a customer in Sparks, NV. The scope included substantial ringwall foundations, including anchorage due to seismic requirements. The tanks, which range in size from 15' to 65' diameter and 40' high, will store ethanol, methanol, diesel, and jet fuel.

The tanks were constructed with carbon steel plate, galvanized stairs and handrails, and a combination of aluminum and steel internal floating roofs.

Chris Mora, PB Superintendent, did a great job managing this complicated project meeting customer timelines safely, under extreme winter weather conditions, at a very compact jobs site.

Due to the job site being nearly 3,000-miles away, this project required many hours of planning, a great attention to detail and precise execution by the entire PB team.



---

# PRECISION TANK BUILDS READY ACCESS TO FERTILIZER

---

When springtime hits the Midwest, farmers race to get their crops planted. And as farming operations get larger, covering more acreage, time is of the essence. Similarly, timely fertilizer and chemical application is critical, particularly in the early stages of crop development. Farmers need ready access to fertilizer and other liquid products to apply at just the right time, so they can grow their best crops. This is where the expertise of Precision Tank, part of Precision Build Companies, makes the difference.



PB's storage and piping solutions help farmers and agriculture retailers meet this need. A recently completed project in Iowa, consisting of three field erected storage tanks, more than 20 shop-built storage tanks, and plumbing

and piping in a three-bay load out facility is a great example of an agriculture retailer built to meet the needs of their customers. The three field-erected tanks ensure that the cooperative can supply their members and customers with critical liquid inputs when they need them. The chemical mixing capabilities in the load out facility allows the co-op to meet their customers' specific product requests and address issues in the field that are unique to them. Further, the 24-hours per day/7 days per week load out bay allows these farms the flexibility to pick up the products they need when they need it.

---

## Precision Build Increases Visibility and Markets at Industry Events

---

**SUBSCRIBE  
TO SPARKS &  
REMARKS**



To receive a print or digital version of our quarterly newsletter, visit <https://precisionbuild.com/newsletters/> and add your name to our distribution list on our Contact page.

---

### ILTA

Booth No. 302 • May 23-24, 2023  
George R. Brown Convention Center, Houston, TX

---

### NISTM

December 6 - 7, 2023  
The Woodlands Waterway Marriott • The Woodlands, TX

---

### SPARKS & REMARKS NEWSLETTER DISCLAIMER

Sparks & Remarks is an employee written newsletter for Precision Build and affiliate company employees, clients, and for anyone with a general interest in the public works of TT-FSS and Precision Build Solutions, LLC. The information contained in this newsletter is not intended to advise, advocate, endorse, champion, or promote any specific safety or construction related action on the part of the reader. The purpose of this newsletter is to help build pride of accomplishment, a sense of team, and an esprit de corps among our employees, our partners and our clients. In reading this newsletter you agree to enjoy it for entertainment and enlightenment only and expect nothing tangible or intangible as a result and will take no specific actions based solely on the information it contains.

---

# BUILDING AN API 650 STEEL TANK IN TAMPA, FLORIDA

---

PB engineered and is constructing a 150' diameter by 50' high steel tank per API 650 Standards for a customer located in Tampa, FL. The shop fabrication was performed by our Adamo and Port Facility shops.

Also included with the tank is an aluminum dome roof, a cable suspended aluminum internal floating roof, and a foam system, per NFPA requirements.

Jeff Horn, PB Superintendent, and his crew are erecting the tank. Jeff has coordinated our work with the customer to manage safety within an active terminal. He has also coordinated our subcontractor (under the same guidelines) to install the dome roof and IFR roof. The tank is scheduled to be completed and turned over to the customer in June.



---

# FIELD ERECTED TANK IN PASADENA, TEXAS

---



Knowing the vast experience PB has building sulfuric acid tanks, a recurrent customer awarded PB another sulfuric acid tank project in Pasadena, TX.

The steel tank was engineered, fabricated and erected per API 650 Standards. This 80' diameter by 60' high, column and rafter supported cone roof, carbon steel storage tank, was built on a concrete slab foundation, which required significant soil improvements, including pilings. The customer also requested that the tank be elevated above the foundation on grillage to prevent underside corrosion due to water intrusion.

As with other projects delivered to our customers, our Shop and Field teams executed this project safely, on time, and within budget, exceeding our customer's expectations.

# SAFETY AWARDS



*Pictured left to right: Corey Yraguen, Michael Hickman, Randy Kelley, Bobby Helms, Cary Aurand, Gary Rajaram, Duke Mills, Tyrone Lee, Johnny Biddle, Michael Scott, Davarius Garland*



*Pictured right, left to right:  
Chris Moore, Joel Hernandez,  
Brianna McCall, Tara Martin,  
Joshua Litton, Corey Yraguen*

## CONGRATULATIONS AND THANK YOU TO ALL OF OUR SAFETY AWARD WINNERS!

A well-deserved congratulations to our Safety Star Winners and a special thanks to Duke Mills for his support of our safety program.