



Structural Solutions

In our world-class 212,000 sq ft complex located on 40 acres in Rocky View, AB, PTW Structural Solutions constructs steel and sheet metal products into self-framing and rigid frame buildings, producing roughly 20 million pounds of structural steel and 600 metal buildings annually. Our complex was built in 2015 and consists of 4 major facilities.



**Shop A - Sheet
Metal Buildings
& Components
Facility**



**Shop B -
Structural
Steel Facility**



**Shop C - Paint
and
Sandblasting
Facility**



**Modular
Construction
Yard**

PTW Structural Solutions offers fully customized turn-key solutions that are seamlessly executed by our in-house team stationed at our cutting-edge manufacturing complex. By leveraging state-of-the-art technology and our talented workforce that shows unwavering commitment to quality, we are your trusted partner in constructing reliable and innovative structures. Whether you require design, engineering, fabrication, or installation services, our team of experts is here to transform your vision into reality.



**PTW ENERGY
SERVICES**



PTW Energy Services



[PTW](#)



[@ptwenergy](#)



www.ptwenergy.com



Head Office: 285188 Frontier
Road, Rocky View County, AB,
T1X 0V9

REPRESENTATIVE EXPERIENCE

- **Multiple Bitcoin Mining Units:** Developed structural / skid components and provided electrical installation for a bitcoin mining rig.
- **Potash mine:** Designed, supplied, and installed a 90' X 250' x 40' eave rigid frame building c/w (2) 20 Ton overhead cranes for a potash mine.
- **Mine shop warehouse:** Designed, fabricated, and erected a 161' X 239' X 76' mine shop warehouse consisting of 32 truckloads, 1.5 million lbs of structural steel.



Structural Solutions

With expertise in constructing both self frame and rigid frame buildings, we offer versatile solutions that can be tailored to your specific requirements. These structures are designed for easy assembly, allowing for quick turnaround and convenient customization.

SELF FRAME BUILDINGS

Designed with versatility and efficiency in mind, our self-frame buildings offer the perfect solution for a wide range of applications. Whether you need a modular or site-built structure, our self-frame buildings are engineered for easy assembly and quick turnaround. With the flexibility to customize layouts, sizes, and finishes, our self-frame buildings can be tailored to meet your specific requirements. From temporary installations to permanent structures, our self-frame buildings provide a cost-effective and efficient solution built to last.



RIGID FRAME BUILDINGS

Engineered with strength and durability in mind, our rigid frame buildings are meticulously designed and constructed to withstand the test of time and we offer both modular and site built construction approaches. Our buildings offer unmatched structural integrity, making them ideal for long-term and heavy-duty use. With customizable layouts, sizes, and finishes, our rigid frame buildings can be tailored to suit your unique needs and specifications. From warehouses to industrial facilities, our rigid frame buildings provide a reliable and robust solution that ensures the utmost safety and functionality.





Structural Solutions

With expertise in structural steel, pipe racks, pipe clamps and supports, we offer comprehensive solutions for various industries. Our high-quality structural steel components are fabricated to precision, ensuring robust and reliable structures.

STRUCTURAL STEEL

Our structural steel products cater to a wide range of applications. From skids to ladders, platforms to stairs, railings to pipe racks, supports to clamps, and even secondary steel, we offer a comprehensive range of structural steel products. With meticulous attention to detail and adherence to stringent quality standards, our structural steel solutions are engineered to deliver exceptional strength, durability, and functionality. Whether you require custom-made components or standardized designs, our team of experts is dedicated to providing tailored solutions that meet your specific project requirements.



PIPE CLAMPS & SUPPORTS

We are capable of manufacturing high-quality pipe clamps and supports, offering reliable solutions for various industrial applications. Our pipe clamps and supports are designed with precision, providing secure fastening and optimal load-bearing capacity. Whether you need clamps for small diameter pipes or heavy-duty supports for larger pipelines, our versatile product range can accommodate your specific requirements. With a focus on durability and longevity, our pipe clamps and supports are constructed using high-quality materials that can withstand challenging environments.





Structural Solutions

QUALITY AND REPORTING

With a range of esteemed certifications, including APEGA, CSA A660 for Manufacturers of Steel Building Systems, and CSA W47.1 for Fusion Welding of Steel, we adhere to our industry's highest standards of excellence. We are proud to hold COR certification and are committed to maintaining a safe and healthy work environment. Our dedication to quality extends to our comprehensive reporting practices. We are registered with leading compliance management systems such as ISNetworld, ComplyWorks, Avetta (PICS), and CQN, and demonstrate our unwavering dedication to transparency, accountability, and upholding the industry's best practices.



ENGINEERING AND DRAFTING

Backed by a highly skilled team of professionals comprised of four Engineers and 12 Structural Detailers, we have the expertise and manpower to handle projects of any scale and complexity. Our engineers utilize industry-leading software such as AutoCAD and Tekla to create precise and detailed structural designs. We specialize in connection designs, employing advanced software like Limcon to ensure optimal structural integrity and efficiency. Additionally, our team is well-versed in finite element analysis, using state-of-the-art software to accurately model and analyze complex structures.



HEALTH, SAFETY AND ENVIRONMENT

At PTW, "Building Safety Into Everything" is not just a slogan but a core value guiding our operations. We prioritize the health, safety, and environment (HS&E) of our workforce, stakeholders, and the communities in which we operate. Our comprehensive HS&E Manual serves as the foundation for our safety protocols, and we have Site-Specific Manuals tailored to address the unique requirements of each project. By adhering to our Best Practices Manual, we continuously strive for excellence, implementing industry-leading safety measures and innovative approaches. We believe in ongoing improvement, so we have robust Continuous Improvement Initiatives to foster a culture of learning and adaptation. Our HS&E Manual is regularly reviewed and revised, with the most recent update on January 22, 2023, ensuring that we stay updated with the latest safety standards. Furthermore, our 2023 TRIR Mitigation Plan reflects our proactive approach to minimizing total recordable incidents. To ensure the well-being of our workforce, we have an Occupational & Non-Occupational Abilities Manager dedicated to managing employee abilities and supporting their overall health.

