



# BASSETT MECHANICAL

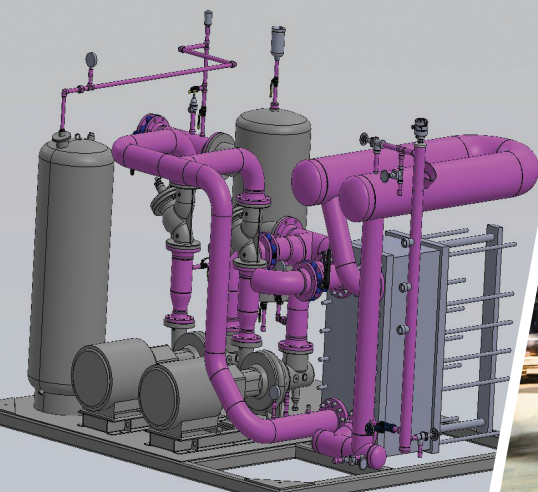
- CONTRACTING ▪ ENGINEERING
- METAL FABRICATING ▪ SERVICE



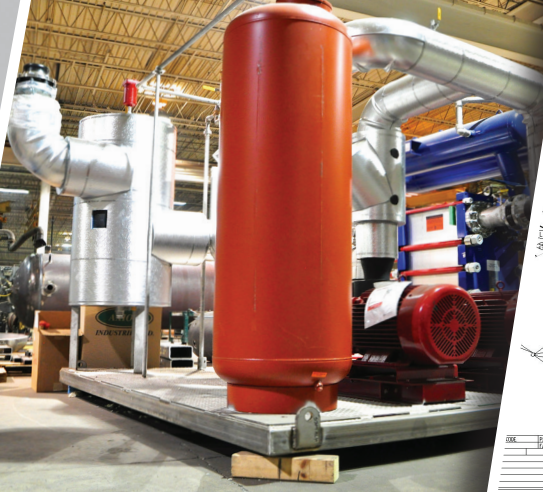
## Pipe Fabrication

*For over 80 years Bassett Mechanical has provided custom pipe fabrication services to customers in the manufacturing, industrial refrigeration, food and beverage industries and beyond.*

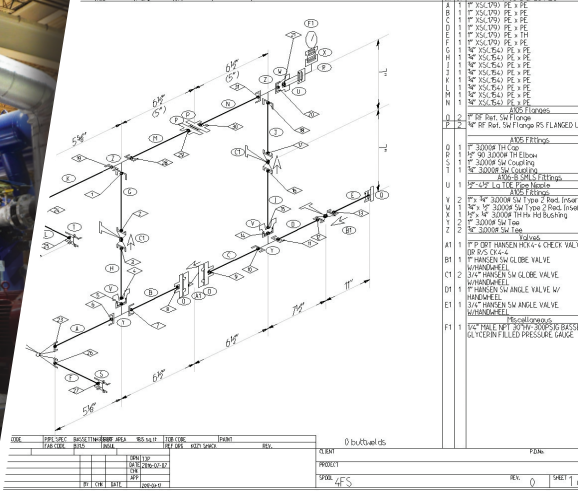
*Creating Customers for Life®*



**3D Model Piping Layout**



**Skidded Chiller Package With Glycol Pumping System**



**Piping Isometric With Weld & Material Map**

Our services and expertise include the engineering, design, and fabrication of high-quality pipe spools and skid packages made from a wide range of materials that vary in size, thickness, complexity, and type. Bassett Mechanical's highly skilled team includes UA-trained tradesmen and in-house Certified Welding Inspectors who specialize in ASME pressure vessels, modular skid packages, and pipe spool fabrication. We take pride in our expertise and ability to meet our customers' needs and on-time delivery requirements.

### Capabilities

- 268,000 sq. ft. manufacturing facility
- Local 400 UA skilled journeymen and apprentice pipe fitters
- 200+ ASME weld certifications in accordance with ASME section IX
- ASME certified shop "U", "R", "S" B31.1, B31.3, B31.5
- 5-axis CNC pipe cutting 2"-42" OD oxy-fuel, plasma, and low amp scribing capable
- Plasma cutting, laser cutting, rolling and forming to make any type of supports or custom fittings in-house
- Blast and paint
- State-of-the-art welding machines and commercial weld processes
- Affiliations with National Certified Pipe Welding Bureau (NCPWB) and Pipe Fabrication Institute (PFI)

### Design

- 2D CAD
- 3D CAD
- Isometric pipe spool software and drawing capabilities
- In-house engineers, project managers, and draftsmen

### Quality

- AWS certified welding inspectors
- Visual Testing (VT)
- Radiography Testing (RT) (third party)
- Ultrasonic Testing (UT) (third party)
- Phased array (third party)
- Magnetic Testing (MT)
- Dye Penetrant Testing (PT)
- Positive Material Identification (PMI)
- Ferrite testing
- Hardness testing
- Hydrostatic testing
- Pneumatic testing
- ISO 9001:2015 Certified
- Fully integrated in Lean practices since 2006
- Material control systems

