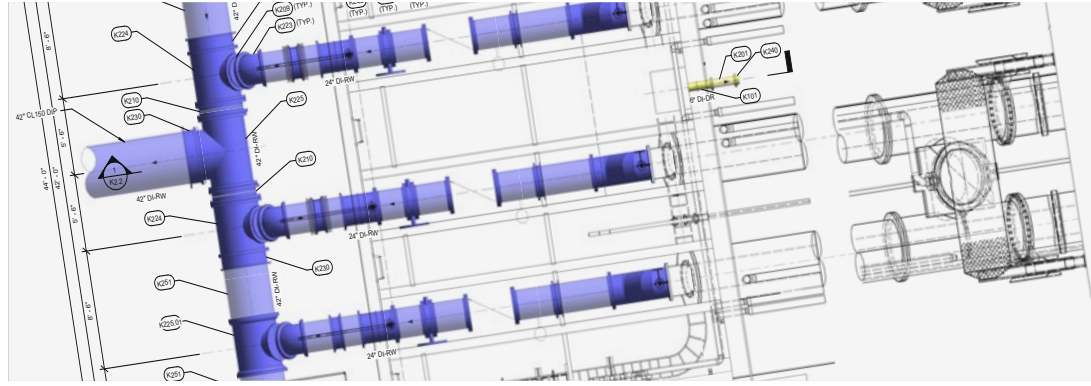


Georgetown, TX



- Seamless flow of information from product/supply team to VDC and back
- Cutting-edge Building Information Modeling (BIM) technology
- Automatically generated Bill of Materials (BOM) for simplified procurement and fabrication
- On-site support during installation

BACKGROUND AND SCOPE

This project included the new construction of a 44 MGD (Million Gallons per Day) water treatment facility, comprising approximately 31,000 square feet and other supporting structures. With the expanding population of Georgetown, Texas—more than 5,000 new residents in the last year—the demand for water will continue to increase to support the community.

METHOD

Our VDC team played a critical role in this project by providing comprehensive modeling and shop drawing services. Our team used advanced technology to create accurate and detailed 3D models of project components, including piping, equipment and structures. These models were then used to identify and resolve potential conflicts and issues, saving time and reducing costs. Eventually, they were delivered as submittals.

Additionally, the team provided a bill of materials (BOM) for all fabricated ductile-iron PVF on the project to ensure accuracy and timely fabrication. The detailed shop drawings and automated BOM provided a comprehensive list of materials and components to streamline the approval and installation process. Furthermore, our team's technical expertise allowed us to offer a dynamic blend of key product knowledge and software knowledge.

In addition to modeling and submittal services, we also provided onsite support during the construction phase of the project. Our team worked closely with the contractors and other stakeholders to ensure that the construction process proceeded smoothly and according to plan. This involved regular site visits, as well as ongoing communication and collaboration with all parties involved in the project.

THE SOLUTION: FERGUSON WATERWORKS

Our team's models and drawings provided advanced visualization, which allowed the project management and field team to better understand the complex designs—facilitating better decision making.

The successful progress of this project was a testament to our team's commitment to delivering excellence in every aspect of the project, from planning and design to execution and delivery. Our team's strong communication and leadership skills, attention to detail and ability to multitask enabled us to provide top-notch services and support to all stakeholders involved in the project.