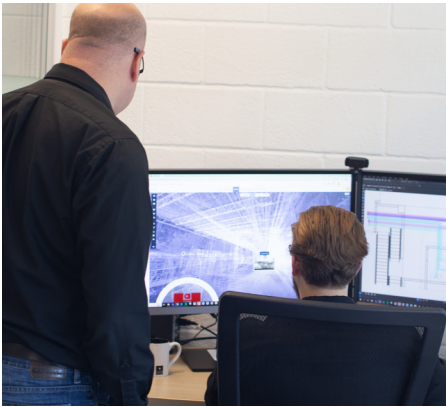
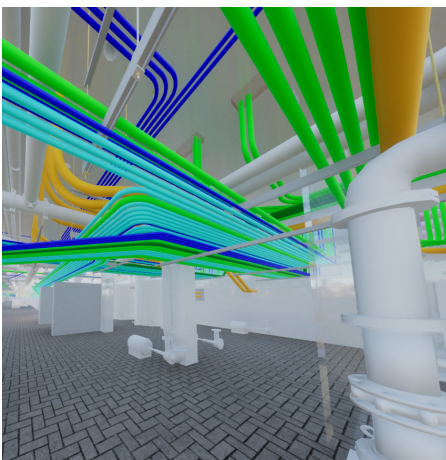




Virtual Design and Construction



FZ's Virtual Design and Construction (VDC) team uses a combination of BIM and prefabrication to accelerate construction schedules, work more efficiently, and ultimately offer more competitive pricing. In the process, employees have a safer work environment and owners receive a better end product. Our VDC team does everything from electrical layout and 3D modeling to detailing and VDC coordination.



Our Process



1. Initial layout of all raceway systems is completed.



2. Our BIM Coordinator models the information into a Revit model that's used throughout the project.



3. We then generate, coordinate, and manage the building data before ground is broken. This identifies potential constructability issues in advance while saving you time and money.



4. Using BIM, our team determines the means and methods to be used, quantity of details produced, and opportunities for prefabrication during the preplanning process.



5. In Prefabrication, assemblies are built off site in a controlled environment, then delivered to the site as needed according to the construction schedule.



6. The end result is a construction process that is both streamlined and efficient as well as productive, organized, and safe.



BIM Services

- Modeling Services
- Scan-to-BIM
- Layout Services

Software Utilized

- Autodesk Revit
- Autodesk ReCap
- Autodesk AutoCAD
- Autodesk Construction Cloud
- Navisworks Manage
- Bluebeam Revu
- Trimble Point Layout