

## Civil CAD Designer

### **Essential Duties and Responsibilities**

Prepares, checks and reviews of working plans, detail drawings and specifications for layout and construction of site foundations, structural steel and underground utilities while under direct supervision of the CAD manager, Civil CAD lead, project engineer or project manager

Development of 2D and 3D construction / layout drawings for site grading / drainage / permit drawings

Coordinate Civil and Structural designs with Mechanical and Electrical / I&C disciplines

Review and compare Civil / Structural subcontractor drawings against base models for accuracy and completeness

Makes any adjustments or changes necessary or desired

Maintain or develop new project drawing files for all related drawings in accordance with company standards and procedures

Understand and follow standard CAD practices and procedures

Uses (CAD) equipment and software. Proficient in both 2D & 3D CAD drafting as well as AutoCAD Civil3D

While this position is primarily a CAD position; exposure to the following will be beneficial: Field survey, Total Station or Transit (Auto level) experience, Site Plan Development, Construction Layout

Will be working in a collaborative environment made up of Civil, Mechanical & Electrical engineers and designers. A short exhibition of the candidate's civil 3D capabilities will be required

### **Specific Knowledge & Skills**

Knowledge of AutoCAD Civil3D Design software

MS Excel Spreadsheet software

MS Word Processing software

Laser scan/point cloud (Kubit/Pointsense, Leica) experience a plus

### **Education and/or Experience**

Seven to ten (7-10) years related experience and/or training; or equivalent combination of education and experience

**Apply online:** <https://careers-nv5.icims.com/jobs/3897/civil-cad-designer/job>