



ENGINEERING

DESIGN CONSULTING AND SERVICES

www.edcs-llc.com



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(202) 550-2366 cell



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www.edcs-llc.com



1629 K Street, NW Suite 300

Washington, DC, 20006

CAD Technician (3–5 Years' Experience)

Location: Washington, DC -Hybrid/Remote

Job Type: Part-Time

About Us:

Engineering Design Consulting and Services (EDCS, LLC) is a growing civil engineering firm dedicated to delivering high-quality, community-focused design solutions. Our team combines technical excellence with a passion for service, offering multidisciplinary engineering and consulting expertise.

Position Summary:

We are seeking a skilled and detail-oriented **CAD Technician** with 3–5 years of professional experience to join our team. The ideal candidate will be proficient in preparing high-quality technical drawings and plans for civil, site, and infrastructure projects. You will work closely with engineers and project managers to support a variety of engineering design projects from concept through construction.

Key Responsibilities:

- Prepare civil site plans, grading plans, utility layouts, and roadway designs using AutoCAD Civil 3D.
- Develop and revise detailed drawings and layouts based on engineering markups and redlines.
- Maintain CAD standards and file management systems in accordance with company protocols.
- Assist with quantity take-offs, as-built documentation, and drawing coordination across disciplines.
- Collaborate with engineers, surveyors, and other technicians to ensure accurate and timely production.
- Perform quality control checks on drawings for accuracy, clarity, and conformance to specifications.

Qualifications:

- Associate degree or certificate in Drafting, CAD Technology, or related field (Bachelor's degree a plus).
- 3–5 years of experience in a CAD Technician or Design Drafter role, preferably in civil engineering or land development.
- Proficient in **AutoCAD Civil 3D**; familiarity with Revit or MicroStation is a plus.
- Solid understanding of civil engineering design principles, including grading, drainage, utilities, and roadways.
- Ability to read and interpret engineering drawings, site plans, and technical specifications.
- Strong attention to detail and ability to manage multiple projects under tight deadlines.
- Effective communication and team collaboration skills.



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Benefits:

- Competitive hourly rate based on experience
- Professional development support
- Flexible work environment with hybrid options

How to Apply:

Please submit your resume, a brief cover letter, and portfolio or work samples to info@edcs-llc.com with the subject line “CAD Technician Application – [Your Name].”