

Irrigation Designer / CAD Designer

AutoCAD • SOLIDWORKS • Irrigation Design

Location: Darlington, SC

Design innovative irrigation systems that help growers succeed.

Overview

TriEst Ag Group is hiring an Irrigation Designer/CAD Designer to join our team in Darlington, South Carolina. This full-time position is ideal for someone with CAD design experience who enjoys solving technical challenges, creating accurate designs, and supporting the agricultural industry through innovative irrigation solutions.

You'll design irrigation systems using CAD software, develop detailed drawings, troubleshoot existing systems, prepare project cost estimates, and collaborate with experienced professionals to deliver practical solutions for our customers.

As part of our continued investment in technology, TriEst is transitioning to SOLIDWORKS. Candidates with SOLIDWORKS experience are highly encouraged to apply, and applicants with strong AutoCAD or similar CAD experience who are eager to learn SOLIDWORKS will also be considered.

Why Join TriEst?

At TriEst Ag Group, you'll work on projects that directly support growers throughout the agricultural industry. You'll join a collaborative team that values innovation, continuous improvement, and professional growth while working with advanced design software and evolving technologies.

Who Thrives in This Role

Successful team members typically:

- Enjoy solving technical and engineering challenges.
- Have excellent attention to detail.
- Balance independent work with collaboration.
- Communicate effectively with coworkers and customers.
- Take pride in producing accurate, high-quality designs.
- Adapt quickly to new software and technology.
- Enjoy continuous learning and professional development.

Key Responsibilities

- Design irrigation systems using Irricad, AutoCAD, SOLIDWORKS, or similar CAD software.
- Develop detailed technical drawings and design documentation.
- Troubleshoot and improve existing irrigation system designs.
- Prepare project cost estimates based on design specifications.
- Maintain and update CAD drawing libraries.
- Support TriEst's ongoing transition to SOLIDWORKS.

- Collaborate with internal teams to deliver practical irrigation solutions.

Required Qualifications

- Associate degree in Civil Engineering Technology, Engineering Graphics, Drafting & Design, or a related field preferred.
- Experience using AutoCAD, BricsCAD, SOLIDWORKS, or similar CAD software.
- Basic understanding of hydraulics.
- Strong analytical and problem-solving skills.
- Excellent organizational and communication skills.
- Ability to manage multiple projects and deadlines.

Preferred Qualifications

- SOLIDWORKS experience.
- Experience designing irrigation, piping, or pressurized water systems.
- Irricad experience.
- Project estimating experience.
- Agricultural or farming industry experience.

Benefits:

- Competitive pay
- 401(k) matching
- Yearly bonus
- Dental insurance
- Health insurance
- Vision insurance
- Short Term Disability
- Long Term Disability
- Life insurance
- Paid time off
- Paid Parental Leave
- FSA/HSA options

TriEst Ag Group, Inc. is committed to providing equal employment opportunities without regard to race, color, religion, national origin, marital status, political affiliation, age, disability, veteran status, or sexual orientation, in accordance with federal, state and local law.