



**Job Title:** Civil/Structural & Mechanical Designer (Plant 3D & Revit)

**Company:** Technical Engineering & Consulting, LLC

**Job Type:** Full-Time, Remote Flexibility

**Industry:** Pulp, Paper, Roofing Manufacturing

**Experience Level:** Mid-Level (3+ Years)

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### About the Role:

Technical Engineering & Consulting, LLC is looking for a skilled **Civil/Structural & Mechanical Designer** with expertise in **AutoCAD Plant 3D** and **Autodesk Revit** to join our growing engineering design group. In this role, you'll contribute to the design and execution of projects across the **pulp, paper, and roofing** industries, creating detailed, integrated design packages for industrial facilities.

This is a great opportunity for a designer who enjoys working on **multidisciplinary projects**, combining **civil site**, **structural steel**, and **mechanical piping** design in a collaborative, engineering-focused environment.

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### What You'll Do:

- Develop and update 3D models and construction drawings using **Plant 3D** and **Revit**
  - Design and coordinate **civil site layouts, grading/drainage plans, foundations, and utility routing**
  - Draft and detail **structural elements** including concrete pads, steel supports, and equipment platforms
  - Create **mechanical and piping layouts, P&IDs, isometrics**, and equipment drawings
  - Collaborate with engineers across disciplines to ensure accurate and coordinated project deliverables
  - Participate in site visits to gather field data and verify design integration
  - Ensure compliance with industry codes, client standards, and project requirements
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### What You Bring:

- 3+ years of experience in **civil, structural, and mechanical design** in an industrial setting

- Proficient in **AutoCAD Plant 3D** and **Autodesk Revit**
  - Strong knowledge of industrial piping, structural detailing, and site layout
  - Familiarity with standards such as **ASME**, **ANSI**, **AISC**, and **ACI**
  - Excellent organizational skills, attention to detail, and communication abilities
  - Knowledge in the manufacturing process of **pulp and paper, forestry products, and roofing** is a strong plus
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### **Why Join Us:**

- Competitive salary, Insurance benefits, and 401K retirement
  - Flexible work environment (remote)
  - Diverse project portfolio in vital U.S. manufacturing sectors
  - Team-oriented culture with growth and development opportunities
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**Take the next step in your design career with a team that values precision, quality, and innovation. Apply now to join Technical Engineering & Consulting, LLC.**