



## CIVIL PROFESSIONAL ENGINEER (PE)

The BlueLine Group is actively searching for a qualified Professional Engineer (PE). He/she will be responsible for working with the Project Manager, Engineers-In-Training (EITs), Designers, Drafters and Office Staff on private residential/commercial development projects.

Primary responsibilities include:

- Supervise team of EITs, Designers, and Drafters throughout design process.
- Report project status and budgets to Project Manager.
- Assist Project Manager with project proposals, scopes, and budgets.
- Coordination with review agencies, subconsultants, and clients.
- Ensure technical accuracy, standard engineering practices, and inclusion of appropriate documentation on various reports and design projects.
- Preparation and review of plans and project documents prepared by design team.
- Evaluate engineering alternatives and resolve technical issues.
- Perform engineering interpretation of specifications and drawings, recommending and documenting design modifications, and coordinating with the design team.
- Make independent assessment of engineering problems and recommend solutions to design team.
- Plan, coordinate, and execute work in a safe, timely, cost effective and compliant manner.
- Research and follow jurisdictional requirements unique to each project.
- Working knowledge of Autodesk Civil 3d to design plan and profile views for roadways, grading, and utilities including storm drainage facilities, sanitary sewer systems, and water distribution systems.
- Working knowledge of hydrologic models to analyze and size stormwater facilities and pipe systems.
- Perform complex mathematical calculations that required extensive knowledge of calculus, trigonometry and geometry.

To perform the job successfully, an individual should demonstrate the following abilities:

- Strong mathematical and problem-solving skills.
- Strong communication skills; both written and verbal.
- Strong research and report writing skills.
- Ability to visualize 3-dimensionally when given a 2-dimensional sketch.
- Through understanding of land development industry and the role of Civil Engineering in it.
- Interacting positively and professionally with other employees, as well as clients and industry professionals.
- Maintaining a high degree of accuracy in all of his/her work.
- Excellent organization and time management skills.
- Ability to learn and retain new information quickly.
- Experience using Autodesk Civil3d (2016 preferred) and Microsoft Office (2016 preferred).
- Experience using hydrologic modeling software such as KCRTS, WWHM3 or WWHM2012, MGSFlood, and StormShed.

Education, Experience and Training:

- BS Degree in Civil Engineering or Environmental Engineering.
- 6+ years' experience in civil engineering role.
- 2+ years as licensed Professional Engineer in Washington State.
- 4+ years in residential subdivision design and permitting is a plus.