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Geotechnical Design Engineer – Hamilton, ON

The Durisol Noise Barrier Systems is the market leader in the noise barrier and retaining wall industry. The company provides the design and supply of materials for proprietary noise and retaining wall systems – including Durisol precast absorptive noise barrier panels, transparent noise barriers, Soundstop sheets, fire-rated barriers, narrow footprint retaining walls and DARWS – proprietary MSE retaining walls. Our company works as a sub-contractor/material supplier on MTO, DOT and privately owned projects. We perform all duties associated with our jobs, including sales, marketing, civil, Geotechnical engineering/design, supply, and construction support. We are currently looking for a Geotechnical Design Engineer in our Hamilton, Ontario location.

Job Description

We are seeking an advanced intermediate Engineer to join our team. The successful Geotechnical Design Engineer candidate must hold a Bachelor of Science degree in Civil Engineering with course work in geotechnical and structural related studies. Possession of a Professional Engineering designation in a Canadian Province or Territory is required and specific industry knowledge is preferred. Working knowledge of AutoCAD is considered as an asset.

Job Requirements

- Utilize predetermined methods to perform the structural design and analysis of various products, from preliminary to final stages.
- Utilize information supplied by the owner/consultant to develop the design/details.
- Visualize and create the necessary details pertinent to the development of design plans and shop drawings for various products. Provide sketches as required for CAD designers.
- Prepare construction specifications.
- Prepare technical reports and calculation packages.
- Perform complex structural engineering tasks efficiently and accurately.
- Provide quality control of all design and drafting work associated with assigned projects.
- Collaborate with other engineers within the team.
- Other duties as assigned.

Qualifications:

- Bachelor of Science Degree in Civil, Structural or Geotechnical Engineering from an accredited post secondary institution is required

- Minimum 5 years' Geotechnical experience in engineering and design.
- Possession of a Professional Engineering designation in a Canadian Province or Territory is required
- Working knowledge of geotechnical and laterally loaded deep foundation design is highly desired
- Experience in reading and interpreting geotechnical reports
- Experience with LPILE or similar deep foundation analysis software is considered an asset
- Experience in MSE retaining walls design is considered an asset
- MTO and/or DOT experience is considered an asset
- Working knowledge of relevant design codes, CHBDC, AASHTO and AREMA is considered an asset
- Excellent verbal and interpersonal communication skills
- Ability to take initiative and work in collaboration with other personnel in various departments within the organization
- Ability to communicate with other technical/construction personnel outside the company.
- Strong organizational skills
- Effective management of multiple and conflicting priorities while meeting deadlines
- Working knowledge of AutoCAD, Asana software and Microsoft Office Suites.

Durisol Ltd. is committed to meeting the accessibility needs of persons with disabilities in an effective and timely manner in accordance with the applicable standards set out in the Accessibility for Ontarians with Disabilities Act, 2005 (AODA), the provisions of the Ontario Human Rights Code, and any other applicable legislation. We foster an inclusive organizational culture as an Equal Opportunity Employer.

Please send applications to: hr@durisol.com & boris.karanfilovski@durisol.com