



Environmental

Geotechnical

Building Sciences

Construction Testing
& Inspection

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Locations

Peterborough
Kingston
Barrie
Ottawa
Whitby

Laboratory

Peterborough



September 25, 2025

Conseil des écoles publiques de l'Est de l'Ontario.
2445 St. Laurent Blvd
Ottawa, Ontario K1G 6C3

Attn: Michèle Gangon, OAA , grc architects

**Re: Design Review – Proposed Highschool Orleans Sud – 2405 & 2419
Mer Bleue Road, Ottawa, Ontario
Cambium Reference: 20361-003**

Cambium Inc. (Cambium) was requested to review the current civil and structural drawings for the proposed high school to be located 2405 and 2419 Mer Bleue Road in Ottawa, Ontario.

Cambium completed the geotechnical investigation for the site and submitted the following as the most recent report:

- *Geotechnical Investigation Report – 2405 and 2419 Mer Bleue Road*, prepared by Cambium Inc., dated June 3, 2025, Revision 1.

The following drawings as part of the submission were reviewed to confirm that design is in accordance with the recommendations provided in the above report.

- James B. Lennox & Associates Inc. (2025, March 28). Tree conservation report and landscape plan (L.1) [Revised August 19, 2025]. Nouvelle École Secondaire Publique à Orléans Project.
- Cunliffe & Associates (December 2024). Foundation Drawings Job No. 24-160 (S00, S01, S02, S03, S04, S06, S100, S101, S102, S103, S104, S105, S106, S107, S108, S200, S201, S202, S203, S204, S205, S206, S300, S301, S302, S303, S304, S305, and S400) [Revised July 8, 2025]. Nouvelle École Secondaire Publique à Orléans Project.
- LRL Engineering (January 31, 2025). Civil Drawings Job No. 240462 (C001, C101, C201, C301, C401, C601, C701, C702, and C901) [Revised September 9, 2025]. Nouvelle École ESP Orléans Sud 2405/2419 Mer-Bleue Road, Orleans.



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- *Stormwater Management Report and Servicing Brief – Nouvelle école ÉSP Orléans-Sud, 2405 & 2419, Mer-Bleue Road, Orleans, ON K4A 3V1, LRL Engineering, dated January 31, 2025, Revision September 9, 2025.*

REVIEW

Tree planting restrictions are in general accordance with requirements set in the geotechnical report.

Foundation drawings are in general accordance with the geotechnical report. It is understood that the building will be supported on end bearing piles, as noted in the provided drawings. It should be noted that for any shallow foundations placed on site, design should be sized according to restrictions outlined in the geotechnical report.

Based on the review, the civil design drawings are in general accordance with the geotechnical report. The proposed site grades are within restriction tolerances outlined. There is a noted exceedance within the parking area at one curb. However this was confirmed through correspondence with the Civil Engineer on September 22, 2025 (via email, Kyle Herold <kherold@lrl.ca>) that the exceedance is a typo. The proposed elevation of the curb was provided and within acceptable grade raise limits of the parking area. It is understood that the typo will be corrected in the next revision of the grading plan.

Confirmation of that design adheres to the geotechnical recommendations will be required during construction.



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September 25, 2025

CLOSING

Thank you for the opportunity to provide this review. If you have any questions, please contact the undersigned.

Best regards,

Cambium Inc.

DocuSigned by:

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Blasco Vijayabaskaran, P.Eng.

Project Manager – Geotechnical Engineer

BV

Encl. Cambium Qualifications & Limitations

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Site Assessments

A site assessment is created using data and information collected during the investigation of a site and based on conditions encountered at the time and particular locations at which fieldwork is conducted. The information, sample results and data collected represent the conditions only at the specific times at which and at those specific locations from which the information, samples and data were obtained and the information, sample results and data may vary at other locations and times. To the extent that Cambium's work or report considers any locations or times other than those from which information, sample results and data was specifically received, the work or report is based on a reasonable extrapolation from such information, sample results and data but the actual conditions encountered may vary from those extrapolations.

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