



Ottawa, May 7, 2022
No.: 135-Lusk-YME-L1

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Reference: Proposed development at 135 Lusk St.: items B7 to B10 in City of Ottawa comment “Site Plan Control Application 135 Lusk Street - 1st Review Comments” under file D07-12-21-0201.

Subject: Response to the subject comments

For the ease of reference Item B7 reads:

- “The report should provide discussion on sensitive marine clay as well as any tree planting restrictions as per the City guideline. Please update.”
 - Response: with view of our test results by means of first strength, second sensitivity and third expected grade changes YME has assessed that the limitations imposed by the clay at this site is not to pose challenges in connection with sensitive clays. YME have thus deliberately limited the discussion to strength and properties of this geotechnical materials. In addition, due to the depth of this materials and the nature of the proposed developments tree planting restrictions in the City of Ottawa Guidelines do not apply at this site.
- Item B8 reads: “The report does not provide any information about grade raise restriction. Please update.”
 - Response: with view of our lowest shear strength values grade raises do not apply for the expected final grading and nature of the proposed development.
- Item B9 reads: “Is there any draw down impact of groundwater during construction?”
 - Response: with the ground water table estimated at 4.2 m from the grade at the time of the boreholes the elevation of any construction and/or any pile caps would be such to preclude interference with ground water.
- Item B10 reads: “During the construction if the excavation operation requires blasting, how it will control the noise and risk to the neighboring residential areas. Discuss.”

- Response: the development proposed and its construction is not to require bedrock removal as per findings in the boreholes.

Do not hesitate to contact us if you have any questions.



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