



Soil Engineers Ltd.

GEOTECHNICAL • ENVIRONMENTAL • BUILDING SCIENCE

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May 5, 2009

Reference No. 0409-S004

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Masongsong Engineering Associates Limited
1151 Denison Street
Unit 15
Markham, Ontario
L3R 3Y4

Attention: Mr. Andrew Ip

**Re: Slope Stability Assessment based on Re-Staked Top of Bank
Proposed Residential Subdivision
Northeast of Yonge Street and Eagle Street
Town of Newmarket**

Dear Sir:

Further to the request from Mr. Peter Allen, we have reviewed the latest top of bank drawing, which was re-staked by Lake Simcoe Conservation Authority on April 15, 2009, together with the original slope stability study in our soil investigation report carried out for the captioned site for Millford Development Limited, Reference No. 0409-S004, dated October 2004, and present herewith our assessment.

A review of the latest (2009) staked top of bank and the previously (2003) staked top of bank, which were used for our original slope stability study, shows that the location of the top of bank is relatively unchanged with only minor variance at various locations.

It is determined in our original slope stability study that the staked top of bank, as established by Lake Simcoe Conservation Authority, can be considered as the geotechnically stable top of slope incorporating both the stable slope allowance and

toe erosion allowance. Since there is only minor variance in the newly staked top of bank, it is our opinion that the existing staked top of bank can still be considered as the geotechnically stable top of slope. Therefore the findings from our original slope stability study are still valid and require no revision. For details of the original slope stability study, please refer to the above mentioned soil investigation report.

Normally, the development setback for a new subdivision development is subject to the policies of local conservation authorities. However, in determining the development setback from the geotechnically stable top of slope, which for this particular project is the existing staked top of bank, it is in our opinion that a 6 m erosion access allowance, as recommended in the OMNR guideline, is appropriate provided that the recommendations of the soil investigation report including the geotechnical constraints specified on Pages 23 and 24 are fulfilled.

We trust this Letter Report satisfies your present requirements. Should you have any further queries, please feel free to contact this office.

Yours very truly,
SOIL ENGINEERS LTD.



Bernard Lee, P.Eng.
BL:jp



c. Mr. Peter Allen
Millford Development Limited
Soil Engineers Ltd. (Newmarket)

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