



Soil Engineers Ltd.

CONSULTING ENGINEERS

GEOTECHNICAL • ENVIRONMENTAL • HYDROGEOLOGICAL • BUILDING SCIENCE

100 NUGGET AVENUE, TORONTO, ONTARIO M1S 3A7 • TEL: (416) 754-8515 • FAX: (416) 754-8516

BARRIE	MISSISSAUGA	OSHAWA	NEWMARKET	GRAVENHURST	PETERBOROUGH	HAMILTON
TEL: (705) 721-7863 FAX: (705) 721-7864	TEL: (905) 542-7805 FAX: (905) 542-2769	TEL: (905) 440-2040 FAX: (905) 725-1315	TEL: (905) 853-0647 FAX: (416) 754-8516	TEL: (705) 684-4242 FAX: (705) 684-8522	TEL: (905) 440-2040 FAX: (905) 725-1315	TEL: (905) 777-7956 FAX: (905) 542-2769

April 21, 2017

Reference No. 1601-S010

Page 1 of 2

23548737 Ontario Inc.
503-3621 Highway 7 East
Markham, Ontario
L3R 0G6

Attention: Mr. Shakir Rehmatullah

**Re: Letter of Opinion
Proposed Residential Development
Part of Lot 232 Concession 1, Pin 37268-0497 (Flato North)
Township of Southgate (Dundalk)**

Dear Sir:

Further to an email from Ms. Brittany Robertson of C.F. Crozier & Associates dated April 3, 2017, to Mr. Darcy Heitzner of our Barrie Office, we hereby present our recommendations regarding importing fill and basement elevation for the captioned projects in the Township of Southgate (Dundalk).

Chemical analysis of fill material from potential source is required to be evaluated and approved prior bringing to the site. This recommendation supersedes the recommendations of importing fill in Section 6.3.3 of the previous geotechnical investigation report.

The basement structure must be founded at least 0.3 m above the seasonal high groundwater levels; otherwise, the basement structures must be waterproofed and designed to resist the hydrostatic uplift pressure. If the underside of the basement slab is less than 1.0 m above the groundwater regime, underfloor subdrains connected to a



23548737 Ontario Inc.
April 21, 2017

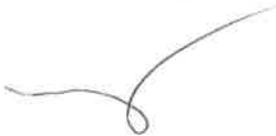
Reference No. 1601-S010
Page 2 of 2

positive outlet or a sump pump will be required. This recommendation supersedes the recommendations of the basement elevation in Section 6.4 of the previous geotechnical investigation report.

If you have any queries, please do not hesitate to contact our office.

Yours truly,
SOIL ENGINEERS LTD.


Geoff Peng Gao, EIT, M.Eng


Mathew Ma, P.Eng
GPG/MM



c. Soil Engineers Ltd. (Barrie)

This letter/report/certification was prepared by Soil Engineers Ltd. for the account of the captioned clients and may be relied upon by regulatory agencies. The material in it reflects the writer's best judgment in light of the information available to it at the time of preparation. Any use which a third party makes of this letter/report/certification, or any reliance on or decisions to be made based upon it, are the responsibility of such third parties. Soil Engineers Ltd. accepts no responsibility for damages, if any, suffered by any third party as a result of decisions made or actions based on this letter/report/certification.