ORBITENGINEERING
Consulting Engineers

Aug 19, 2025

Mamta Homes
373 Steeles Avenue West, Suite 204
Brampton, ON L6Y 0p8
Email: harjinder@mamtahomes.com

Attention: Harjinder Kang, President/ CEO at Mamta Homes

Re: Geo-tech Report Addendum
151 Peel Street, Town of Collingwood, Ontario

1. Purpose of Addendum

Further to our preliminary geotechnical investigation report dated February 02, 2016, this addendum provides additional comments, clarifications, and foundation recommendations based on the site plan issued to Orbit on July 30, 2025.

2. Revised Recommendations

Based on boreholes drilled on the site in Nov 2015, the proposed building structures (4 storey-A,B, C, and 5 storey-D) can be supported on conventional spread and/or strip footings founded on the undisturbed native soils (at or below depths 0.8 to 1.5m from the existing grades) for a geotechnical reaction of 150kPa at the Serviceability Limit States (SLS) and for a factored geotechnical resistance (with geotechnical resistance factor of 0.5) of 300kPa at the Ultimate Limit States (ULS). The recommended founding levels and geotechnical resistances for the proposed structure will need to be confirmed by qualified Orbit professional at the time of construction. The bearing pressures and the highest founding elevations at borehole locations are given in **Table 1.** The depth of the footing can be deeper in the area of the existing structures at the site.

Table 1 : Bearing Values and Founding Levels of Footings on Native Soils

BH No.	Geotechnical Reaction at SLS (kPa)	Factored Geotechnical Resistance at ULS (kPa)	Minimum Depth below Existing Grade (m)	Founding Level at or Below Elevation (m)
BH1/MW	150	225	1.5	188.3
BH2/MW	150	225	0.9	188.6
BH3/MW	150	225	0.8	189.4

BH4	150	225	0.8	188.2
BH5	150	225	0.8	188.2
BH6	150	225	0.8	189.1

Note that the elevations provided in the above **Table 1** are geodetic, while elevations provided in the preliminary geotechnical investigation report are local.

3. Limitations

This addendum is to be read in conjunction with the original geotechnical dated February 02, 2016. All limitations and terms of use described therein remain in effect. The recommendations herein are based on additional information obtained and updated design requirements.

4. CLOSURE

We trust that this information is satisfactory for your present requirements. Should you have any questions or require additional information, please do not hesitate to contact this office.

For and Behalf of Orbit Engineering Limited,

Ahmad Muneeb, M Sc., PMP, P Eng.
Senior Engineer

Reviewed by

Aly Ahmed, Ph.D., P.Eng., QPESA
Senior Principal