

# Soil Enginee. 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 HAMILTON NEWMARKET GRAVENHURST PETERBOROUGH TEL: (705) 721-7863 TEL: (905) 542-7605 TEL: (905) 440-2040 TEL: (905) 853-0647 TEL: (705) 684-4242 TEL: (905) 440-2040 TEL: (905) 777-7956 FAX: (705) 721-7864 FAX: (905) 542-2769 FAX: (905) 725-1315 FAX: (905) 542-2769 FAX: (416) 754-8516 FAX: (705) 684-8522 FAX: (905) 725-1315

### Inspection No. 3

Lot 27 (Left), Lot 26 (Left and Right), Lot 25 (Left and Right, Lot 24 (Left and Right) Lot 23 (Left and Right) and Lot 22 (Left and Right) – Cranbrook Crescent

- The inspected footing subgrade is capable of sustaining a Maximum Allowable Soil Pressure of 150 kPa.
- Two 15-mm steel reinforcing bars have been placed continuously in the strip footings.
- Two 15-mm steel reinforcing bars must be placed continuously in the upper section of the foundation walls and must be inspected by Soil Engineers Ltd.
- The layout and size of the strip footings and column pads of the dwellings are in general conformance with the approved permit drawing.

SOIL ENGINEERS I

Dennis Lai, P.Eng. DL:vk

Gold Park Homes Inc.

Attention: Mr. Michael Cipriano

REFERENCE NO. 1608-C052

<u>DATE:</u> August 30, 2016

PROJECT:

Residential Subdivision Gold Park Homes at Kleinburg Glen Baron Street and Algoma Drive Cit of Vaughan

JOB DESCRIPTION:

Footing Subgrade/Steel Reinforcing Bar Inspection

DATE OF INSPECTION: August 15, 2016

**INSPECTOR:** Jalal Fahimi, C.E.T.

DESIGNED SOIL PRESSURE:

RECOMMENDED MAXIMUM ALLOWABLE SOIL PRESSURE FOR INSPECTED SUBGRADE: 150 kPa

AS-BUILT ELEVATION:

As recorded by site superintendent

**WATER CONDITION:** 

Moist

DESCRIPTION OF INSPECTED SUBGRADE:

Compacted earth fill

METHOD OF INSPECTION:

Visual and rod probe

SUBGRADE:

Approved for 150 kPa

**GIVEN TO:** 

Bruno

1 kPa = 20.89 psf

The footings and foundation walls must be protected against frost action at all times.



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Inspection No. 9

Lot 26 (Right) -Cranbrook Crescent

Two 15-mm steel reinforcing bars have been placed continuously in the upper section of the foundation walls.

PROFESSIONAL

SOIL ENGINEERS LTD

Dennis Lai, P.Eng. DL:vk

Gold Park Homes Inc.

Attention: Mr. Michael Cipriano

REFERENCE NO. 1608-C052

**DATE:** August 30, 2016

PROJECT:

Residential Subdivision Gold Park Homes at Kleinburg Glen Baron Street and Algoma Drive Cit of Vaughan

JOB DESCRIPTION:

Steel Reinforcing Bar Inspection

**DATE OF INSPECTION:** August 22, 2016

**INSPECTOR:** Jalal Fahimi, C.E.T.

**DESIGNED SOIL PRESSURE:** 

RECOMMENDED MAXIMUM ALLOWABLE SOIL PRESSURE FOR INSPECTED SUBGRADE:

AS-BUILT ELEVATION:

**WATER CONDITION:** 

**DESCRIPTION OF INSPECTED SUBGRADE:** 

METHOD OF INSPECTION:

Visual

**SUBGRADE:** 

**GIVEN TO:** 

Bruno

1 kPa = 20.89 psfThe footings and foundation walls must be protected against frost action at all times.