

## 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 TEL: (705) 721-7863 FAX: (705) 721-7864

MISSISSAUGA TEL: (905) 542-7605 FAX: (905) 542-2769

**OSHAWA** TEL: (905) 440-2040 FAX: (905) 725-1315

NEWMARKET TEL: (905) 853-0647 FAX: (416) 754-8516

**GRAVENHURST** TEL: (705) 684-4242 FAX: (705) 684-8522 PETERBOROUGH TEL: (905) 440-2040 FAX: (905) 725-1315

HAMILTON TEL: (905) 777-7956 FAX: (905) 542-2769

Inspection No. 139

Lot 83 (Left) - Algoma Drive

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

the foundation walls.

SOIL ENGINEERS LTD

PROFESSION AL

Dennis Lai, P.Eng. DL:vk

Gold Park Homes Inc.

Attention: Mr. Michael Cipriano

REFERENCE NO. 1608-C052

DATE: January 5, 2017

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: December 19, 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 psf

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



# 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 TEL: (705) 721-7863 FAX: (705) 721-7864 MISSISSAUGA TEL: (905) 542-7605 FAX: (905) 542-2769 OSHAWA TEL: (905) 440-2040 FAX: (905) 725-1315

NEWMARKET TEL: (905) 853-0647 FAX: (416) 754-8516

GRAVENHURST TEL: (705) 684-4242 FAX: (705) 684-8522 PETERBOROUGH TEL: (905) 440-2040 FAX: (905) 725-1315 HAMILTON TEL: (905) 777-7956 FAX: (905) 542-2769

Inspection No. 131

Lot 83 (Left), Lot 84 (Left and Right) and Lot 85 (Left and Right) –
Algoma Drive

- 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.

Dennis Lai, P.Eng.

Dennis Lai, P.Eng.

Gold Park Homes Inc.

Attention: Mr. Michael Cipriano

REFERENCE NO. 1608-C052

DATE: January 5, 2017

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: December 2, 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.



### 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 TEL: (705) 721-7863 FAX: (705) 721-7864 MISSISSAUGA TEL: (905) 542-7605 FAX: (905) 542-2769 OSHAWA NEW TEL: (905) 440-2040 TEL: (1 FAX: (905) 725-1315 FAX: (

NEWMARKET GRAVENHURST TEL: (905) 853-0647 TEL: (705) 684-4242 FAX: (416) 754-8516 FAX: (705) 684-8522

GRAVENHURST PETERBOROUGH TEL: (705) 684-4242 TEL: (905) 440-2040 FAX: (705) 684-8522 FAX: (905) 725-1315 HAMILTON TEL: (905) 777-7956 FAX: (905) 542-2769

Inspection No. 127

Lot 81 (Left and Right), Lot 82 (Left and Right) and Lot 83 (Left and Right) – Algoma Drive

- 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 LTD.

Dennis Lai, P.Eng. DL:vk



Gold Park Homes Inc.

Attention: Mr. Michael Cipriano

REFERENCE NO. 1608-C052

<u>DATE:</u> January 5, 2017

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: November 28, 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.