

Site Memorandum

TO: Falso Homes
PROJECT: New Construction
ADDRESS: 574 - 576 Byron Avenue, Ottawa
LOCATION: Bearing medium evaluation
AUTHOR: Randy Elliott

DATE: Sep 13.2017 7:34:40 AM FILE:PM10455

Note: If any recommendations provided by the Paterson Group result in an additional cost, the contractor shall obtain authorization from the owner directly, prior to undertaking the work.

COMMENTS:

As requested a site visit was made to observe the bearing medium of the civic numbers 574 to 576 Byron Ave..

Bearing medium: limestone bedrock

Allowable bearing pressure: 500 Kpa (bedrock)

The engineer letter dated July 11, 2017 calls for 120 Kpa . The design plans appear to show some footings bearing on rigid foam.

A rigid foam type of High Load (Dow) 60 or Celfort Foamular 600 would be required for this bearing capacity.

The plans are being reviewed by our office for frost protection detail recommendations.

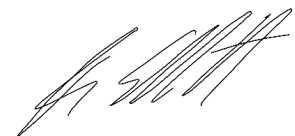
Other observations:

An old retaining wall exists at the rear east corner and is at a higher elevation than the current excavation for this new structure.

The excavation was made right up to the base of this rock slab wall (a part of it being mortared together).

The wall appears to be in poor condition and a safety hazard as it could fall over into the excavation. It would be recommended to:

- consult a structural engineer regarding temporary support to it or if it can be removed as long as it does not support the existing adjacent house.



RANDY ELLIOTT



Project No. 120210186
 Date Sept 14, 2016
 Shift: Day Night
 Time Arrived on Site 10:30 (hrs)
 Time Left Site _____ (hrs)
 Time on Site _____
 Travel Time _____
 Total Time _____

ENGINEER'S / INSPECTOR'S DAILY REPORT

Project Name: 15411 Ravenhill / Canada Paving
 Weather: _____ Temperature Range: _____ °C
 Contractor's Working Hours: _____

WORK CARRIED OUT : Subgrade inspection

The EXCAVATION FOR THE ABOVE LOT HAS BEEN COMPLETED ON A CLEAN ROCK BEARING SURFACE HAVING A BEARING VALUE OF 150 KPa

Distribution	Initials

Engineer / Inspector John Pascale



Project No. 12112016
 Date JAN 11 2016
 Shift: Day Night
 Time Arrived on Site 10:30 (hrs)
 Time Left Site _____ (hrs)
 Time on Site _____
 Travel Time _____
 Total Time _____

ENGINEER'S / INSPECTOR'S DAILY REPORT

Project Name : 415 Kawenhu / Canada Paving
 Weather : _____ Temperature Range : _____ °C
 Contractor's Working Hours : _____

WORK CARRIED OUT : Subgrade inspection

The excavation for the above lot
has been completed on a rock bearing
surface, having a bearing value of 150 kPa

John To Sale

Distribution	Initials

Engineer / Inspector [Signature]



Project No. 1211210186
 Date Jan 10 2014
 Shift: Day Night
 Time Arrived on Site 13:30 (hrs)
 Time Left Site _____ (hrs)
 Time on Site _____
 Travel Time _____
 Total Time _____

ENGINEER'S / INSPECTOR'S DAILY REPORT

Project Name : 419 Ravenhill / ANTILLA HOMES
 Weather : _____ Temperature Range : _____ °C
 Contractor's Working Hours : _____

WORK CARRIED OUT : Scabbard inspection

The excavation for the above lot has been completed on a base bearing surface, having a bearing value of 150 kPa

John L. Sale
Senior Field Technician

Distribution	Initials

Engineer / Inspector J. L. Sale



Project No. _____
 Date Sept 14, 2016
 Shift: Day Night
 Time Arrived on Site _____ (hrs)
 Time Left Site _____ (hrs)
 Time on Site _____
 Travel Time _____
 Total Time _____

ENGINEER'S / INSPECTOR'S DAILY REPORT

Project Name : LOT 423 RAVENHILL / ANTIILIA HOMES
 Weather : _____ Temperature Range : _____ °C
 Contractor's Working Hours : _____

WORK CARRIED OUT : Subgrade inspection

The excavation for the above lot has been completed on a clean Rock bearing surface, having a bearing value of 150 kPa

Distribution	Initials

 Engineer / Inspector John P. Sade