



Jp2g Consultants Inc.

ENGINEERS • PLANNERS • PROJECT MANAGERS

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Jp2g No. 18-5102A
March 26, 2019

Watson MacEwen Teramura Architects
400-116 Lisgar Street, Ottawa, Ontario, K2P 0C2
T 613-232-0330; C 613-266-9248
hmcarthur@wmta.ca

Attention Heather G. McArthur, MArch MRAIC

Re **Cobourg Search and Rescue Station, 114 Division Street Cobourg, ON**
PWGSC No. R.084112.001
Stormwater Management Brief

Dear Heather:

The following Stormwater Management Brief is based on Town of Cobourg requirements, comments from the Ganaraska Region Conservation Authority (GRCA), and our review of available drawings and information.

- It is understood that the GRCA reviews the stormwater management plans for the Town of Cobourg.
- Stormwater Management comments from Ken Thajer, Jan 18, 2019 from the Ganaraska Region Conservation Authority (GRCA), have been incorporated into the Drawing Notes. GRCA correspondence is attached.
- Site Grading design for the reconstruction of the Search and Rescue Station will closely match existing conditions. Currently, stormwater runoff drains towards the existing pier and grassed areas, and ultimately discharges into the Cobourg Harbour.

Trusting this is satisfactory,

Regards,

Jp2g Consultants Inc.

A handwritten signature in blue ink, appearing to read 'David Nguyen', with a stylized flourish at the end.

David Nguyen, P.Eng. ing.
Principal | Operations Manager

David Nguyen

From: Heather McArthur <hmcarthur@wmta.ca>
Sent: Friday, January 18, 2019 1:50 PM
To: David Nguyen; Allan Teramura
Subject: Fwd: Search and Rescue Station, Cobourg

Hi David,

See below for comments provided by Ken Thajer of the GRCA regarding redevelopment of the Cobourg Search and Rescue Station. Let's discuss on Monday.

Thanks,
Heather

----- Forwarded Message -----

Subject: Search and Rescue Station, Cobourg
Date: Fri, 18 Jan 2019 13:35:13 -0500
From: Ken Thajer <kthajer@grca.on.ca>
To: hmcarthur@wmta.ca

Re: Proposed Replacement Building
Search and Rescue Station
Town of Cobourg

The Ganaraska Region Conservation Authority (GRCA) is in receipt of drawings with respect to a redevelopment of the existing Search and Rescue Station in Cobourg, Ontario. A request was made to GRCA for preliminary comments/review of the development proposal by Watson MacEwen Teramura Architects. It is noted the GRCA staff have previously commented on a conceptual plan for the reconstruction of the station indicating that the lands are Federally owned and therefore a permit is not required for the development proposed. Notwithstanding, GRCA offers the following comments for your consideration.

1. It is recommended that with the increase of impervious landscape, that options of Low Impact Development (LID) be considered. For example, permeable pavement or soakaway pits and infiltration trenches/chambers could be considered for feasibility.
2. The contractor should take every precaution necessary to prevent damage to trees and shrubs. All efforts should be made to protect and retain all trees and shrubs. Any tree removed should be replaced at a 2:1 ratio.
3. Any trees and shrubs proposed to be planted should be native, non-invasive species. Please contact GRCA should you have any questions in this regard.
4. All activities, including maintenance procedures, should be controlled to prevent the entry of petroleum products, debris, rubble, concrete or other deleterious substances from entering the water. GRCA recommends that vehicular refueling and maintenance is conducted at least 30m from the water.
5. GRCA recommends that all equipment is cleaned of existing debris from previous location to reduce the spreading of invasive species into Lake Ontario.
6. The use of mud mats are recommended in order to prevent sediment onto the paved surfaces.
7. All soil stockpile locations should be located a minimum of 15 metres from the lake and surrounded by sediment controls. All stockpiles should be stabilized as quickly as possible.

8. GRCA does not have any further comments with respect to this proposal on stormwater management.

Should you wish to discuss the content of this message, please contact me.

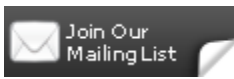
Yours truly,

Ken Thajer, MCIP, RPP
Planning and Regulations Coordinator



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"Clean Water Healthy Lands for Healthy Communities"