



August 07, 2025

City of Ottawa
110 Laurier Ave. W.
Ottawa ON K1P 1J1

Attention: Shawn Wessel; shawn.wessel@ottawa.ca

Subject: **Confirmation of Watertight Underground Structure**
424 Churchill Avenue North
Ottawa, Ontario.

Englobe was retained by Churchill Properties Inc. to conduct Hydrogeological study at 424 Churchill Avenue, Ottawa. Englobe conducted a hydrogeological investigation, the findings are presented in our report titled "*Hydrogeological Assessment Report Proposed 8-Storey Multi-Unit Apartment Building 424 Churchill Avenue North Ottawa, ON*", dated December 2023.

The buildings on the subject land 424 Churchill Ave. North, Ottawa will be designed and constructed below grade in a manner without any necessity for Private Water Drainage System (subsurface drainage system) consisting of but not limited to weeping tiles, foundation drains, Private Water collection sumps, Private Water pump or any combination thereof for the disposal of Private Water on the surface of the ground or to a private sewer connection directly or indirectly or drainage system for disposal directly or indirectly in a municipal sewer. The underground structures of the proposed buildings will be built completely watertight without any direct or indirect connection to the city sewer system for the discharge of Groundwater. The letter of authorization signed by the owner of the property confirming the above is attached to this letter.

The foundation walls and the raft slab for the building have been designed for hydrostatic pressure. The attached confirmation letter signed by the structural Engineer (*D+M Structural Ltd*) indicates that the building structure designed to resist to hydrostatic pressure.

Should you have any questions or require additional information, please do not hesitate to contact us.

Yours very truly,

Englobe Corp.

Abdul Qadir,
Project Manager



R. Baker Wohayeb, M.A.Sc., P.Eng., QP_{ESA}
Project Director

ATTACHMENTS

Watertight Confirmation letter from Owner

Hydrostatic pressure Letter (D+ M Structural Ltd.)

Attachments



eNGLOBE

CHURCHILL PROPERTIES INC.

145 Select Ave. Unit #5
Scarborough, ON, M1V 5M8
Tel: (416) 292-9920 Fax: (416) 292-9924

To: City of Ottawa
Attn: Planning, Development and Building Services
Date: August 5, 2025
Re: Letter of Authorization – Application for a Sewer Discharge Permit Application

Dear Sir/Madam:

I, the Property Owner, confirm that all buildings on the subject land 424 Churchill Ave. North, Ottawa will be designed and constructed below grade in a manner without any necessity for Private Water Drainage System (subsurface drainage system) consisting of but not limited to weeping tiles, foundation drains, Private Water collection sumps, Private Water pump or any combination thereof for the disposal of Private Water on the surface of the ground or to a private sewer connection directly or indirectly or drainage system for disposal directly or indirectly in a municipal sewer. The underground structures of the proposed buildings will be built completely watertight without any direct or indirect connection to the city sewer system for the discharge of Groundwater (from a PWDS or floor drain or other infrastructure).

Sincerely,



Jemmy Taing

Director of Asset and Project Management

August 3rd, 2025

Churchill Properties Inc.



Attn: Michael Hopkins

Sent via email to: michael@gsiproperties.ca

Re: 424 Churchill Avenue, Ottawa, ON

Response to City of Ottawa – Hydrostatic Pressure

D+M Ref. #: 22-036

To Whom it May Concern,

We confirm that the foundation walls and raft slab for the above noted project have been designed for hydrostatic pressure as per the Geotechnical Report recommendations.

We trust the preceding is acceptable. Please do not hesitate to contact us if you have any further questions.

Yours truly,

D+M Structural Ltd.

A handwritten signature in black ink, appearing to read "Ryan Munden", is written over a horizontal line.

Ryan Munden P.Eng.

