



Environmental

Geotechnical

Building Sciences

Construction Testing
& Inspection

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Locations

Peterborough
Kingston
Barrie
Whitby
Ottawa

Laboratory

Peterborough

August 17, 2026

Wateridge Lifestyles Ltd. and Canada Lands Corporation
420 Shoreway Drive
Ottawa, ON K4P 0G3

**Re: Addendum 1 – Subfloor Drainage System Diagram and Additional
Subsurface Information – Proposed Development – 100 Bareille Snow
Street, Ottawa, Ontario**
Cambium Reference: 24896-001 Rev.1

BACKGROUND

Cambium Inc. (Cambium) was requested by Wateridge Lifestyles Ltd. (the Client) to provide a diagram outlining the subfloor drainage system as outlined in the geotechnical investigation report (2026, July 16). In addition, Cambium advanced additional test holes at the site on March 20, 2026, as part of the hydrogeological investigation, including additional groundwater monitoring wells screened in the overburden soils. Rock probes were also advanced on the same day as the monitoring wells at the site to further delineate the bedrock depths.

This addendum provides a summary of the additional data and the requested diagram outlining the subfloor drainage system. The addendum to the report must be read in conjunction with the geotechnical report below:

- Cambium Inc. (2026, July 16). *Geotechnical investigation report – 100 Bareille-Snow Street, Ottawa* (Rev. 4, Cambium Reference No. 24896-001). Prepared for Wateridge Lifestyles Ltd. and Canada Lands Corporation.

ADDITIONAL TEST HOLES

Cambium installed a total of 3 groundwater monitoring wells, numbered MW101-26 through MW103-26, and advanced a total of 6 rock probes, numbered RP201-26 through RP206-26 on March 20, 2026. Groundwater monitoring wells were installed as part of the ongoing hydrogeological investigation and rock probes were advanced to obtain additional data at the site. Details of the locations and depths to bedrock at these test holes are provided in Table 1 below. In addition





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to the table, an updated "Figure 2 – Test Hole Location Plan" is attached following the text of this letter.

Table 1 Summary of Test Holes and Depths/Elevation to Bedrock

Borehole	Location		Surface Elevation (mASL)	Bedrock or Refusal Depth/Elevation (mbgs / mASL)
	Northing	Easting		
MW101-26	5033652	450468	91.9	2.5 / 89.4
MW102-26	5033647	450544	91.3	2.5 / 88.8
MW103-26	5033729	450533	89.8	3.2 / 86.6
Rock Probes				
RP201-26	5033725	450495	89.4	1.9 / 84.5
RP202-26	5033733	450437	88.6	1.5 / 87.1
RP203-26	5033700	450449	88.7	2.2 / 86.5
RP204-26	5033649	450512	91.2	2.0 / 89.2
RP205-26	5033666	450491	91.7	2.3 / 89.4
RP206-26	5033757	450534	89.7	2.1 / 87.6

It should be noted that the above depths are based on practical refusal. It is anticipated based on consistency in refusal depths, rock coring data, and site observations that the recorded refusal depths represent the top of bedrock, however refusal may also occur on boulders within the overburden.

GROUNDWATER LEVELS

Groundwater levels were measured in the monitoring wells installed as part of the investigation. Further discussion on groundwater in reference to design is provided in the hydrogeological reports submitted separately.

Table 2 Groundwater Levels in Overburden Wells

Borehole	Surface Elevation (mASL)	Groundwater Depth/Elevation (mbgs / mASL) April 2, 2026
MW101-26	91.9	Dry
MW102-26	91.3	Dry
MW103-26	89.8	1.0 / 88.8

Groundwater levels will continue to fluctuate seasonally and in response to precipitation events.





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BASEMENT DRAINAGE

As indicated in Section 5.12 of the Geotechnical Report, the subfloor drainage system should consist of minimum 100 mm diameter perforated pipes spaced at a maximum of 6 m on center. The pipes must be surrounded on all sides by a minimum of 100 mm of 19 mm clear stone, and the pipe inverts should be a minimum 300 mm below the base of the slab. An example diagram of the subfloor drainage system is attached following the text of this letter titled Figure 3 – Subfloor Drainage Layout. The diagram is provided for guidance. The exact location of the subfloor drains may be altered based on design requirements.

CLOSING

We trust that the information contained in this report meets your current requirements. If you have questions or comments regarding this document, please do not hesitate to contact the undersigned reviewer at (289) 685-6482.

Respectfully submitted,

Cambium Inc.

DocuSigned by:

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Zhaochang Luo, M.Eng., P.Eng.
Group Manager – Geotechnical
Geotechnical

2026-08-17

ZL

Encl. Cambium Qualifications and Limitations
Figure 2- Test Hole Location Plan
Figure 3- Subfloor Drainage Layout



P:\24800 to 24899\24896-001 Wateridge Lifestyles -GEO- Block 21 Hemlock Rd\09-Deliverables\REPORT - GEO\Addenda\Addendum 1\2026-08-17 LTR - Addendum1 - 100 Bareille Snow St, Ottawa R1.docx2.



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Site Assessments

A site assessment is created using data and information collected during the investigation of a site and based on conditions encountered at the time and particular locations at which fieldwork is conducted. The information, sample results and data collected represent the conditions only at the specific times at which and at those specific locations from which the information, samples and data were obtained and the information, sample results and data may vary at other locations and times. To the extent that Cambium's work considers any locations or times other than those from which information, sample results and data was specifically received, the work shall be based on a reasonable extrapolation from such information, sample results and data, but the actual conditions encountered may vary from those extrapolations.

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Reliance

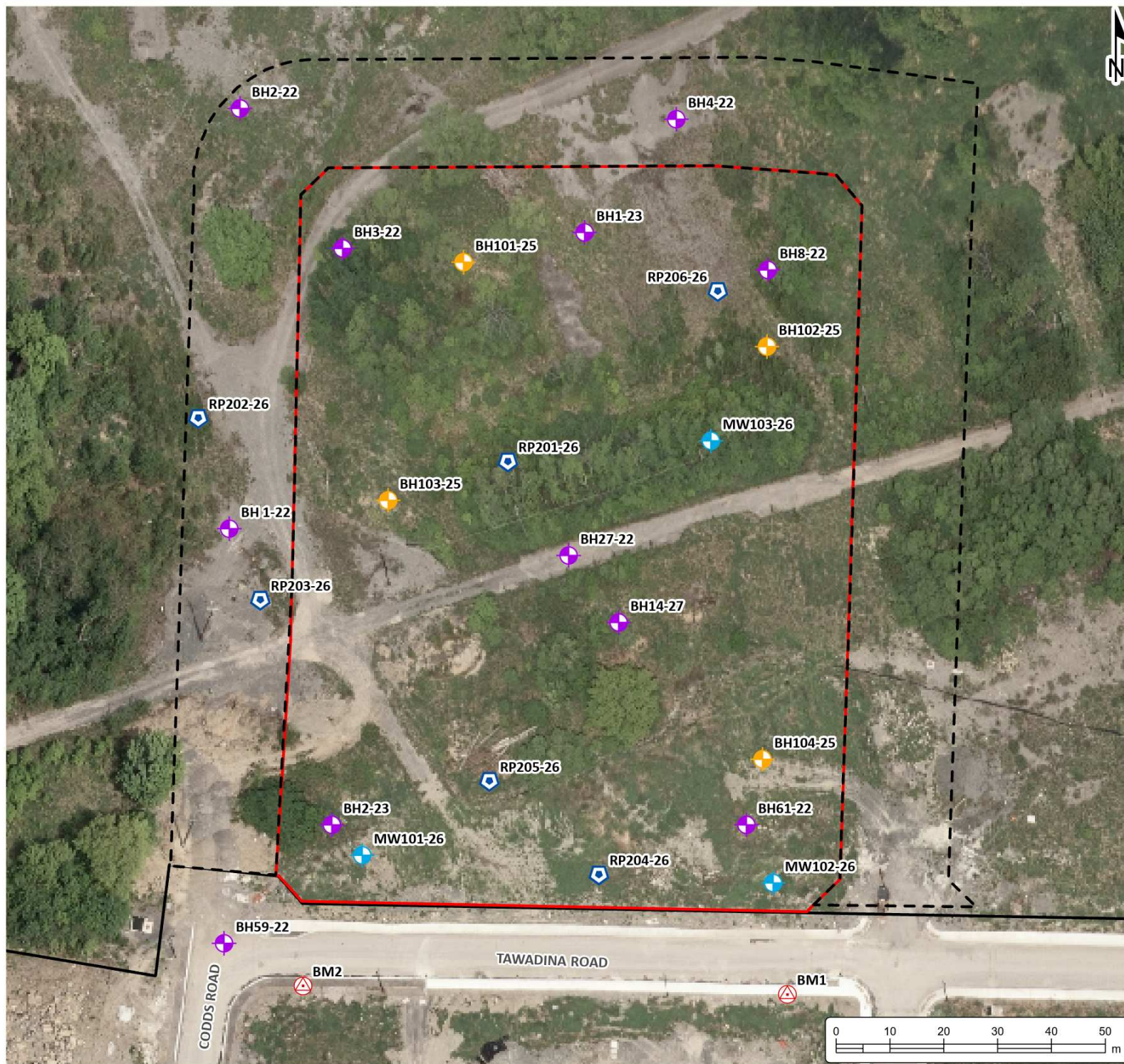
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Personal Liability

The client expressly agrees that Cambium employees shall have no personal liability to the client with respect to a claim, whether in contract, tort and/or other cause of action in law. Furthermore, the client agrees that it will bring no proceedings nor take any action in any court of law against Cambium employees in their personal capacity.



GEOTECHNICAL INVESTIGATION WATERIDGE LIFESTYLES LTD. Block 21 - Wateridge Village Ottawa, Ontario

LEGEND

-  Benchmark
-  Borehole
-  Paterson Borehole
-  Monitoring Well
-  Rock Point
-  Proposed Road
-  Site (approximate)
-  Subject Property (approximate)

Notes:
 - BM1 and BM2 are top nut of fire hydrant.
 - Aerial imagery from the Digital Raster Acquisition Project Eastern Ontario (DRAPPE) 2024. Source: Ontario Ministry of Natural Resources and Forestry.
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 - Distances on this plan are in metres and can be converted to feet by dividing by 0.3048.
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TEST HOLE LOCATION PLAN

Project No.:	24896.001	Date:	May 2026
Scale:	1:1,000	Projection:	NAD 1983 UTM Zone 18N
Created by:	NLB	Checked by:	BV
			Figure: 2

GEOTECHNICAL
INVESTIGATION
WATERRIDGE LIFESTYLES LTD>
Block - Waterridge Village
Ottawa, Ontario



LEGEND

- 100 mm Diameter Perforated Pipe
- 19 mm Clear Stone - Surrounding pipes by a minimum of 100 mm

- Notes:
- Pipes to be spaced at a maximum of 6m on center. Pipes must be surrounded on all sides by a minimum of 100 mm of 19 mm clear stone
 - Floor plan base data provided by Waterridge Lifestyles Ltd.
 - Cambium Inc. makes every effort to ensure this map is free from errors but cannot be held responsible for any damages due to error or omissions. This map should not be used for navigation or legal purposes. It is intended for general reference use only.
 - Distances on this plan are in millimeters unless otherwise noted.



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SUBFLOOR DRAINAGE
LAYOUT

Project No.:	Date:		
24896.001	May 2026		
Horizontal Scale:	1:250	Vertical Scale:	N/A
Drawn By:	Checked By:	Figure:	
NLB	BV	3	

