



March 27, 2026
CO680.02

Farrow Partners Architects
60 Pleasant Boulevard, Suite 801
Toronto, Ontario
M4T 1K1

Attention: Christopher Blackwell
Studio Manager, Graduate Architect

Sent via email: christopherb@farrowpartners.ca

**Subject: Test Pits Excavation Report
Elmwood Senior School Addition Project
261 Buena Vista Road, Ottawa, ON, K1M 0V9**

Dear Christopher Blackwell:

Terrapex Environmental Ltd. (Terrapex) has been retained by Farrow Partners Architect (FPA) to carry out test pit investigation in support of the proposed addition to the existing Elmwood Senior School Building (the Project) located at 261 Buena Vista Road (Site) in Ottawa, Ontario.

The purpose of the test pit investigation was to identify the type and extent of foundations of the existing building at 3 locations specified by the client, in accordance with the TOR prepared by LEA (TOR) entitled *Requirements for Geotechnical Investigation, Elmwood Senior School Addition*, provided by the Client on January 8, 2026

1.0 FIELDWORK

The fieldwork for the test pit investigation was carried out on March 10, 2026, and March 18 – 19, 2026. It consisted of three (3) test pits advanced by an excavating contractor commissioned by **Terrapex** utilizing a backhoe.

Due to the proximity of existing utilities, the test pit locations were slightly adjusted from their original positions. The final excavated locations are shown on the *Proposed Borehole & Test Pit Layout* (Drawing Title: *Proposed Site Plan – Sheet No. A103*). Test pits were excavated adjacent to the existing building to identify the footing type and determine the exposed footing dimensions.

The summary of the observations is presented in the following table.

Description	TP-1	TP-2		TP-3	
		North-South Wall		East-West Wall	
Foundation Type	Rubble foundation mixed with concrete founded on bedrock	Concrete footing founded on bedrock	No Foundation observed under the wall		Concrete footing founded on bedrock
Footing thickness	0.13 (rubble footing)	0.35	N/A		0.35
Depth to Top of Footing (*mbgs)	0.95	1.61	N/A		1.56
Footing Width (**m)	-	0.25 m (approximate)	N/A		0.25 m (approximate)
Depth – Bedrock Surface *(mbgs)	1.08	1.96	N/A		1.91

Note: *mbgs – meter below ground surface / **m – meter / Measurements were approximate

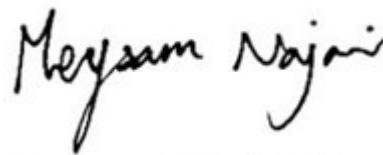
We trust this letter meets your requirements. Terrapex appreciated the opportunity to provide our services regarding this matter. If you have any questions regarding the above, please contact the undersigned.

Sincerely,

TERRAPEX ENVIRONMENTAL LTD.



Yacouba Doro, MBA-PM, PMP®, P. Eng,
Senior Project Manager, Geotechnical
Services



Meysam Najari, PhD., P. Eng,
Vice President, Geotechnical Services

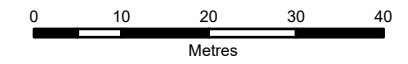
Attachment: Appendix 1: Figure 1 – Test Pit Location Plan
Appendix 2: Test Pit Photos

APPENDIX – 1
TEST PIT LOCATION PLAN



LEGEND

- SITE BOUNDARY
- ✕ PROPOSED TEST PIT



DATA SOURCE: CITY OF OTTAWA
 MAP PROJECTION: NAD 1983 UTM ZONE 18N

CLIENT:
 ELMWOOD SCHOOL

SITE LOCATION:
 261 BUENA VISTA ROAD
 OTTAWA, ONTARIO



TITLE:
 SITE PLAN

DRAWN BY: JS	PROJECT NO.: QO1063.00	CHECKED BY: KB
REVISION: 00	DATE: MARCH 2026	FIGURE: 2

APPENDIX – 2
TEST PIT PHOTOS

Test Pit No. 1



- Exposed Shallow Bedrock Surface and Footing
- Sanitary pipe



Depth from bedrock surface to existing grade



Depth from top of footing to existing grade



Underside of footing to top of footing (rubble footing)



Backfilled pit location

Test Pit No. 2



Exposed footing & bedrock surface (ponding water at the bedrock surface)



Depth from top of footing to surface



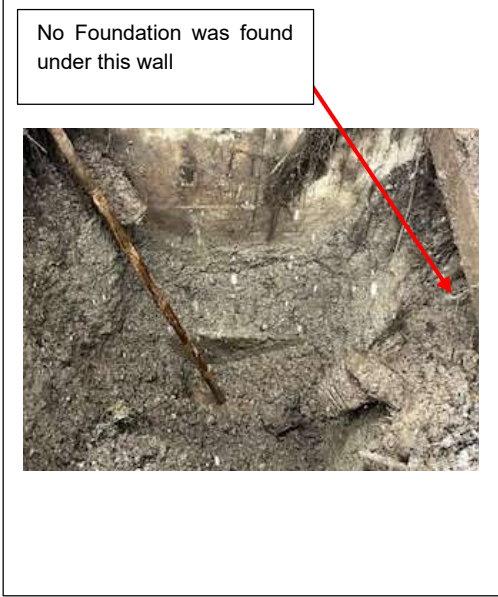
Depth from underside footing to top of footing



Depth from top of footing to existing grade



Depth from Bedrock Surface to existing grade



Exposed Bedrock Surface.
No Foundation was observed under the adjoining wall



Pit Backfilled – Drain Tile Reinstated

Test Pit No. 3



Exposed Footing



Depth from underside footing to existing grade



Exposed Bedrock Surface



Exposed Footing & Bedrock surface

