

HAMILTON FUTURE FUND PROGRESS REPORT No. 2

Project Title:	Albion Falls South Viewing Platform and Access	Date Agreement Signed by General Manager of Public Works:	March 28, 2018
Report Prepared By:	Louise Thomassin, Landscape Architect – Project Manager	Expiry Date of HFF Agreement:	March 28, 2020
Date of Report:	December 05, 2018	Reporting Period:	June 2018 – December 2018
General Purpose:	Progress of works funded by HFF (Environmental Impact Statement Report, Geotechnical Investigations; and Archaeology Investigations)		

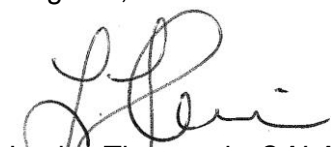
Progress:

Item	Description	Image Ref. #
1.0	Environmental Impact Statement Report	
Comments from Preceding Report (Report Submission 01 – June 06, 2018):		
<ul style="list-style-type: none"> In March of 2018 a Request for Quotation was requested and sent to Wood (formerly known as Amec Foster Wheeler) to prepare a quotation. The scope includes a background review, field surveys in accordance with Ecological Land Classification system, data and environmental constraint review, a concept plan of the proposed development, and the identification of alternatives and recommendations including impact and mitigation measures. Wood prepared a quotation and it was accepted. A Purchase Order Requisition was completed by the City of Hamilton and we are waiting to receive the Purchase Order for Wood to commence work. 		
1.1	A Purchase Order was received in May of 2018. A term of reference outlining the work to be undertaken by Wood for the Environmental Impact Statement was submitted to the City of Hamilton's Natural Heritage Section and approved in October of 2018.	
1.2	The site surveys that have been complete to-date for the report include: <ul style="list-style-type: none"> Floristic survey for spring and fall Bad habitat survey during leaf on and leaf off period Breeding bird survey for June-July period Fall reptile survey Aquatic habitat assessment and fish community survey Rare species and species at risk survey 	

2.0 Geotechnical Investigations		
Comments from Preceding Report (Report Submission 01 – June 06, 2018):		
<ul style="list-style-type: none"> In March of 2018 a Request for Quotation was requested and sent to Wood (formerly known as Amec Foster Wheeler) to prepare a quotation. The scope includes up to 5 boreholes, a slope stability assessment, subsurface information and recommendations for foundation design. Wood prepared a quotation and it was accepted. A Purchase Order Requisition was completed by the City of Hamilton and we are waiting to receive the Purchase Order for Wood to commence work. 		
2.1	A Purchase Order was received in May of 2018.	
2.2	Site inspections have been conducted in summer and fall of 2018 to determine a location for the main viewing platform structure based on stability of soil and subsurface material and potential hazards posed from steep rock face. See image 1 for a site photograph mark-up.	1
3.0 Archaeology Investigations		
Comments from Preceding Report (Report Submission 01 – June 06, 2018):		
<ul style="list-style-type: none"> Under a separate cover from the above work a Request for Quotation was prepared in March of 2018 and sent to Wood (formerly known as Amec Foster Wheeler) to prepare a quotation. The scope of work includes a Phase 1 Archaeological Investigation and the provision for a Phase 2 Archaeological Investigations should there be a need depending on the findings of the Phase 1. Wood prepared a quotation and this was accepted. A Purchase Order Requisition was prepared by the City of Hamilton and a Purchase Order was issued on June 01, 2018. Work may now commence and a site meeting between the consultant and the City of Hamilton is scheduled for Thursday June 07, 2018 to review the anticipated extent of work. 		
3.1	<p>The Stage 1 inspection and the and Stage 2 field inspections occurred in June of 2019. Based on the field inspections and land use history Wood identified that a small portion of the site (approximately 15%) had archaeological potential and warranted a Stage 3 investigation, see image 2 for locations with archaeological potential.</p> <p>A brief overview of the Stage 1 and 2 findings are as follows:</p> <ul style="list-style-type: none"> the area around Albion Falls is a historic Euro-Canadian site and the Stage 2 surface collection, test pits and test units recovered 421 artifacts. The artifacts are dated from the late 19th to early 20th century and include pottery and stoneware fragments, glass medicine container fragments, buttons, leather shoe fragments etc. See images 3 and 4 for examples of artifacts recovered. <p>The Stage 1 and Stage 2 report was submitted to the Ministry of Tourism, Culture and Sport and entered the register as of September 21, 2018.</p>	2, 3, 4

3.2	<p>A Purchase Order was issued to Wood in August of 2018 to conduct a Stage 3 Archaeological Assessment. Wood conducted the Stage 3 field work in late August of 2018. The field work included the excavation of nine (9) one-meter test units within the area identified in the Stage 1 and 2 report as having archaeological potential.</p> <p>A brief overview of the Stage 3 findings are as follows:</p> <ul style="list-style-type: none"> • 650 Euro-Canadian artifacts were uncovered from the nine (9) test units dating from the late 19th to the early 20th century. Examples of artifacts are window glass fragments, mortar fragments, bricks, earthenware fragments etc. • Two possible midden features (i.e. a former refuse heap) were identified and the outbuilding wall foundation of the former mill. <p>The archaeological features requiring further investigation are located along the route of the proposed boardwalk and can not be avoided due to site constraints that render other route options impassable (i.e. steep slopes, wet areas). A Stage 4 is recommended to mitigate the site by means of a comprehensive salvage excavation of the cultural heritage features that are of value and interest. See image 5 for the location of features requiring further investigation and image 6 for a site photograph of the wall foundation.</p> <p>The Stage 3 report was submitted to the Ministry of Tourism, Culture and Sport and entered the register as of November 5, 2018.</p>	5
3.3	<p>A Purchase Order was issued to Wood in October of 2018 to conduct a Stage 4 Archaeological Assessment. Wood began the Stage 4 field work in late November of 2018 and will be finished the field work in December of 2018.</p> <p>The field work includes the hand-excavation of approximately sixty-seven (67) one-meter test units within the area identified in the Stage 3 report to fully expose the Euro-Canadian wall feature and further explore the midden feature for retrieval of artifacts.</p>	

Regards,



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HAMILTON FUTURE FUND PROGRESS REPORT No. 2 Photo References



Image ID: 1

Date: November 2018

Location: Mountainbrow Boulevard looking east.

Details:

Overview of geotechnical findings to determine feasible location of main viewing platform.

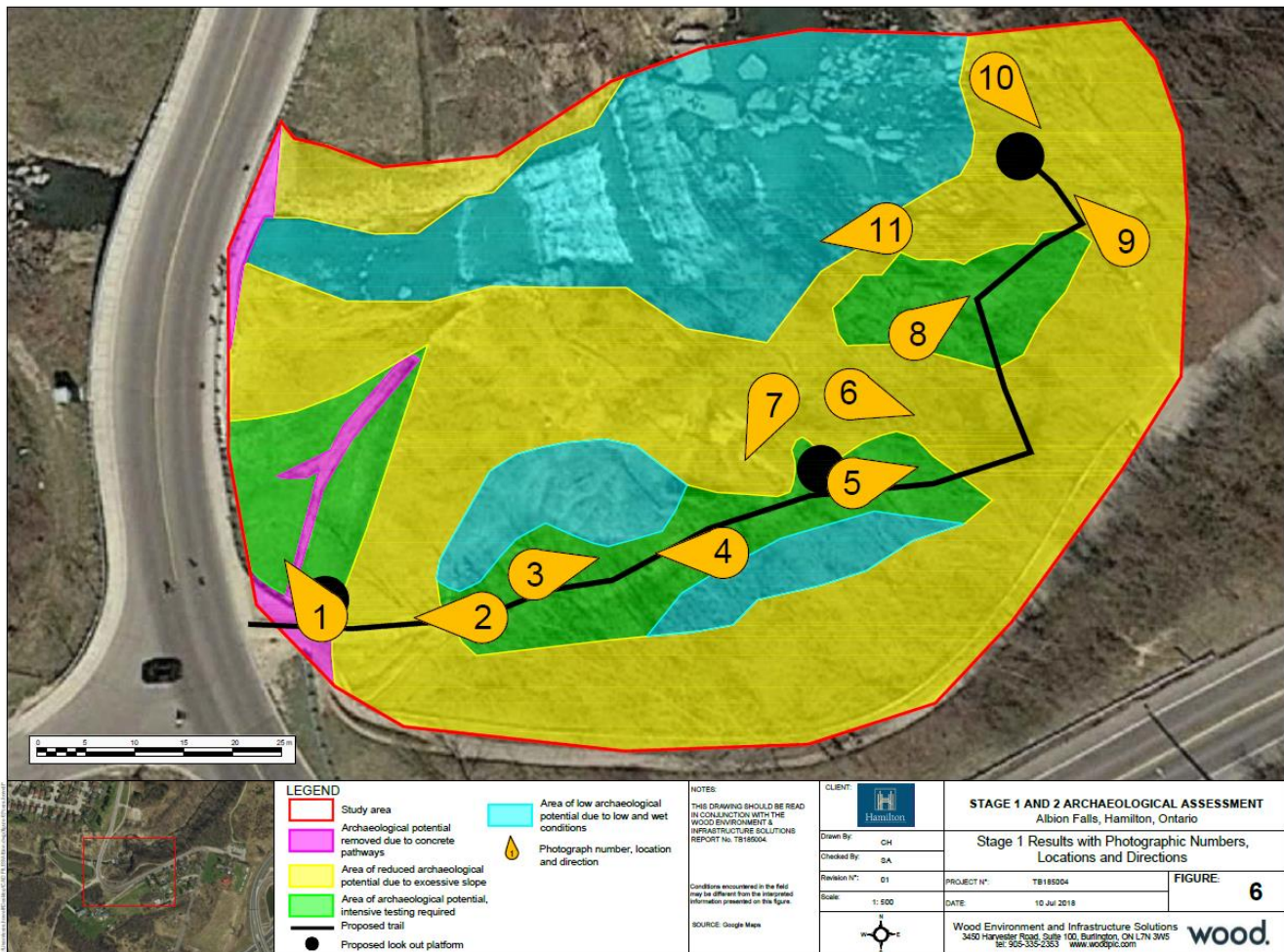


Image ID: 2

Date: July 2018

Location: Albion Falls Aerial.

Details:

Map indicating archaeological potential resulting from Stage 1 and 2 investigations. Note: green colour indicates area with archaeological potential and where additional testing is required.

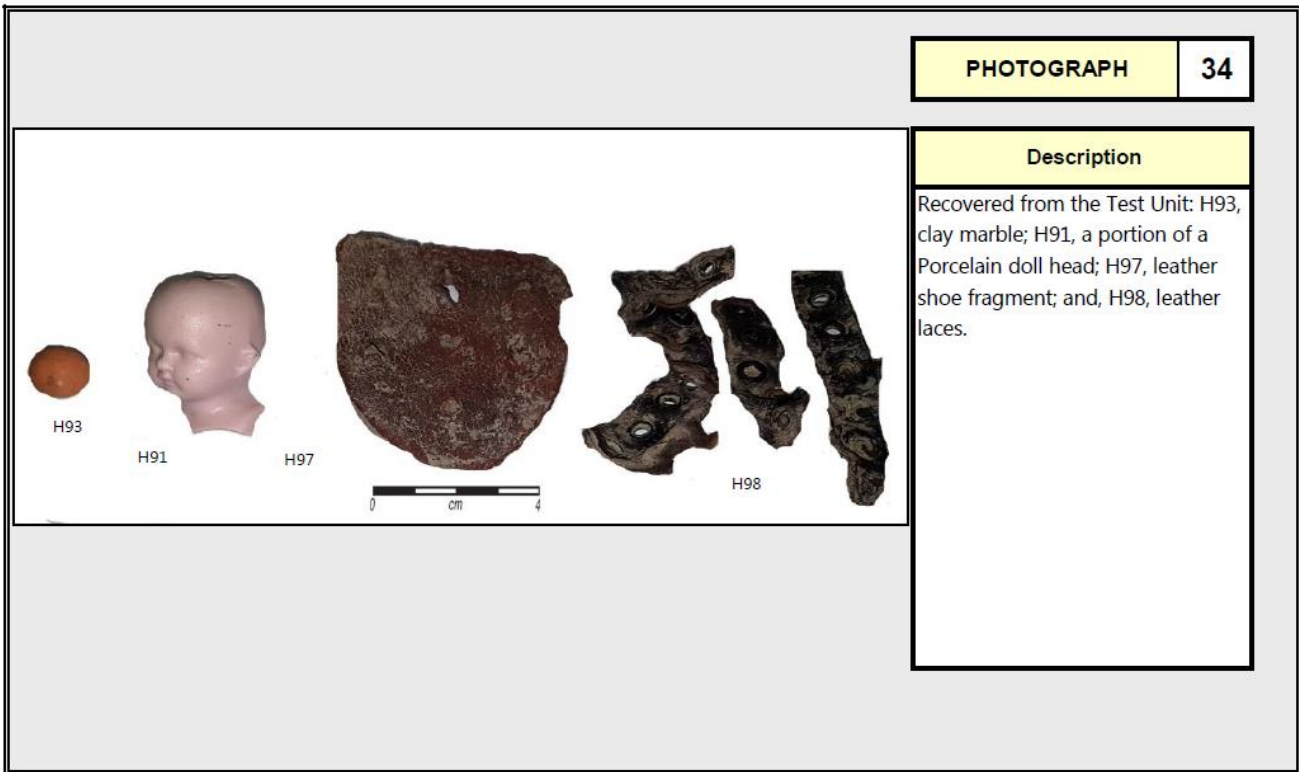


Image ID: 3

Date: July 2018

Location: N/A

Details:

Examples of findings from Stage 1 and 2 field investigations.

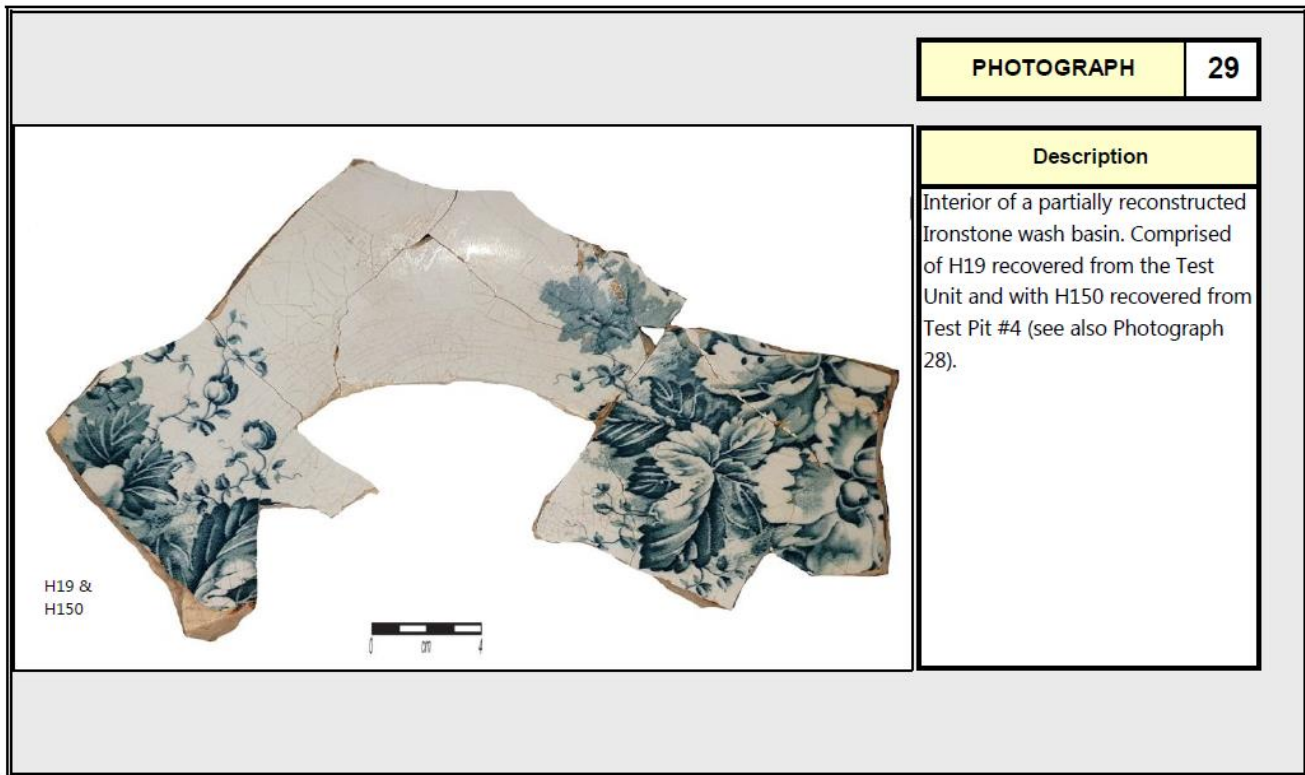


Image ID: 4

Date: July 2018

Location: N/A

Details:

Examples of findings from Stage 1 and 2 field investigations.

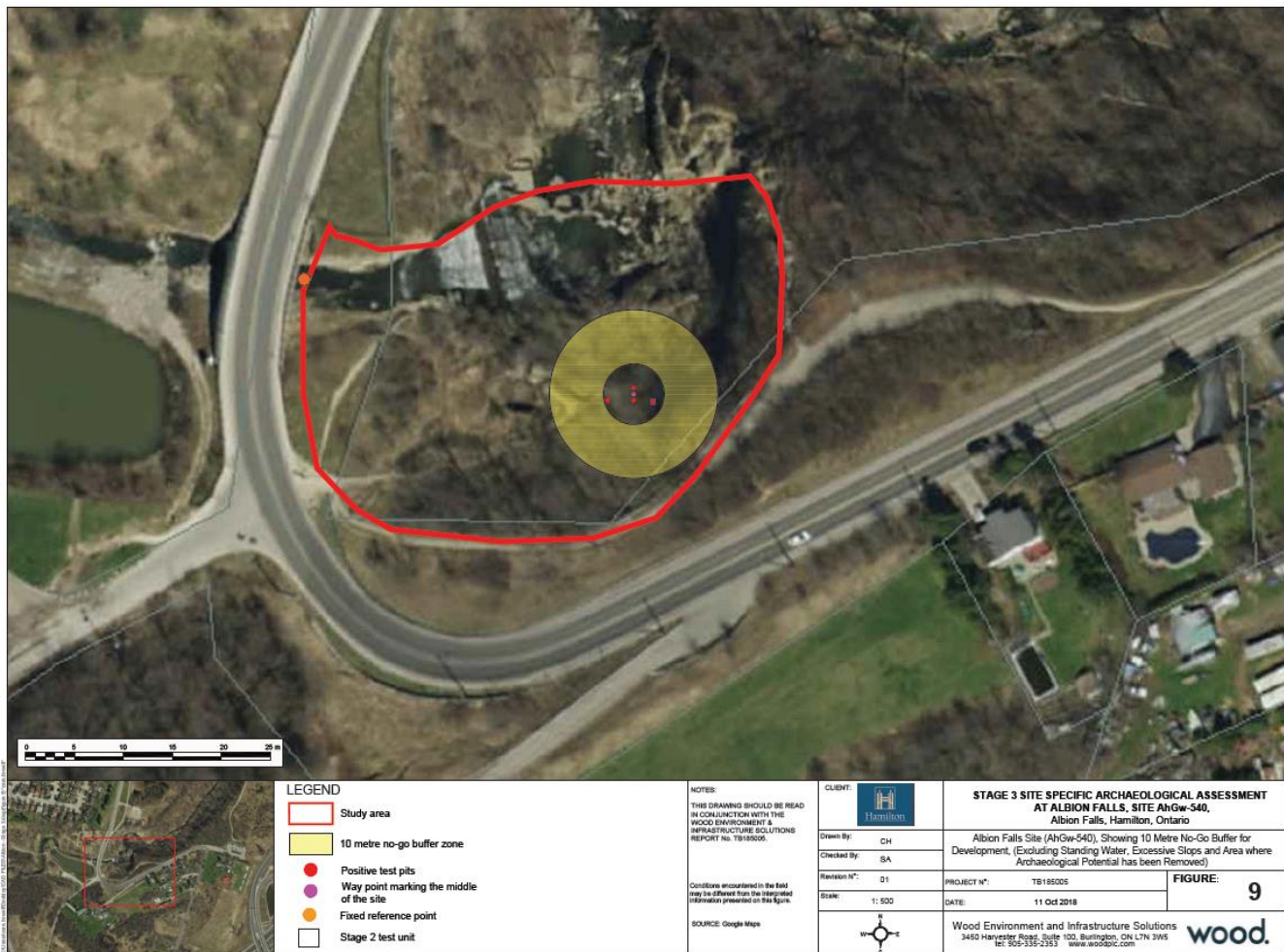


Image ID: 5

Date: August 2018

Location: Albion Falls Aerial.

Details:

Red dots indicate archaeological features identified during Stage 3 investigations that are of cultural value and require further investigation.



PHOTOGRAPH

9

Description

Facing southwest towards Feature #2 in Stage 3 test units 500N-190E and 499N-189E and Wood archaeologist excavating unit 497N-188E, also containing a portion of Feature #3. See also Figure C2 in Appendix C.

Image ID: 6

Date: August 2018

Location: South side of Albion Falls.

Details:

Potential wall foundation of former mill outbuilding uncovered during Stage 3 field investigations and requiring further exploration.