

**STAGE 3 SITE SPECIFIC ASSESSMENT  
SIMCOE ENVIRONMENTAL RESOURCE RECOVERY CENTRE  
GRIBBIN SITE (BDGW-49)  
PART OF LOT 2, CONCESSION I, FORMER FLOS TOWNSHIP  
NOW SPRINGWATER TOWNSHIP, COUNTY OF SIMCOE, ONTARIO**

**SUPPLEMENTARY DOCUMENTATION**

Prepared for:

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Archaeological Licence P128 (K Hull)  
MTCS PIF P128-0150-2016  
ASI File 16EA-249

11 November 2016



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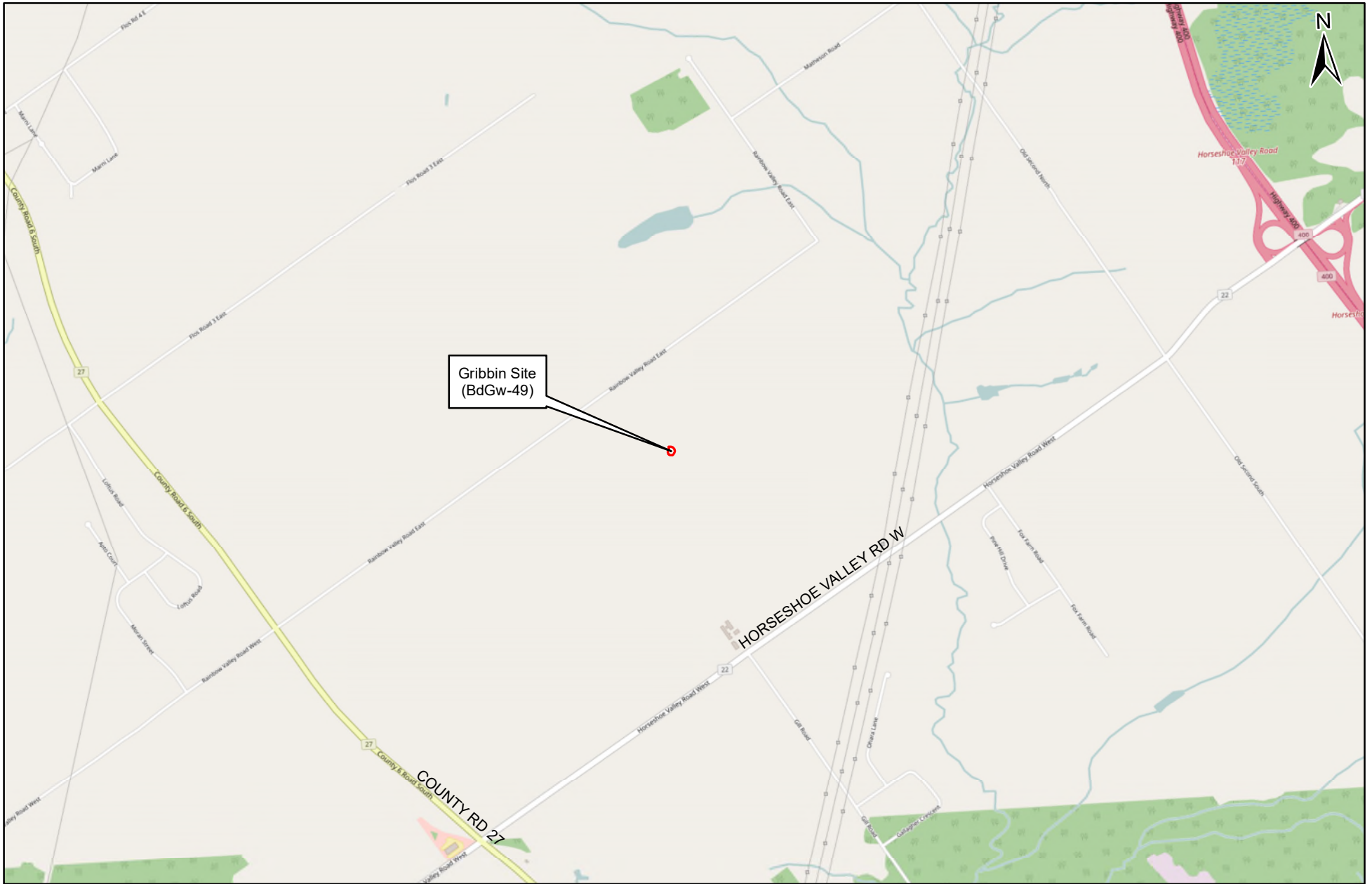


## 1.0 MAPS

As per the Standards and Guidelines for Consultant Archaeologists (S & G), any information that pinpoints the location of an archaeological site must not be included in the project report and should only be provide in the Supplementary Documentation.

The following maps show the detailed location of the Gribbin (BdGw-49) site. Site descriptions and other relevant information relating to all archaeological work conducted for the project are contained in our accompanying Stage 3 assessment report (ASI 2016).








 <p><b>Archaeological &amp; Cultural Heritage Services</b>          528 Bathurst Street Toronto, ONTARIO M5S 2P9          416-966-1069   F416-966-9723   asiheritage.ca</p>	 Gribbin Site (BdGw-49)	Datum and Projection NAD 83 UTM 17N	<div style="text-align: right;">  </div> ASI PROJECT NO.: 16EA-249      DRAWN BY: JF DATE: 10/6/2016                      FILE: 16EA249_fig1_SD
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Figure 1: Location of the Gribbin Site (BdGw-49).

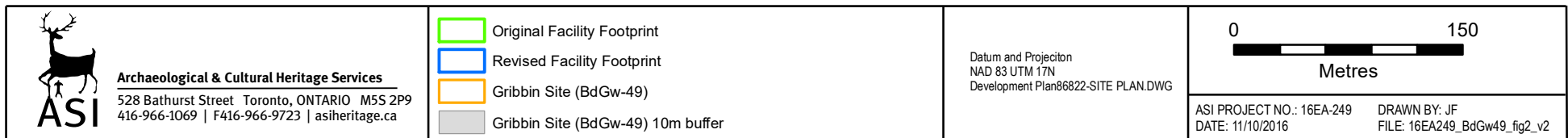
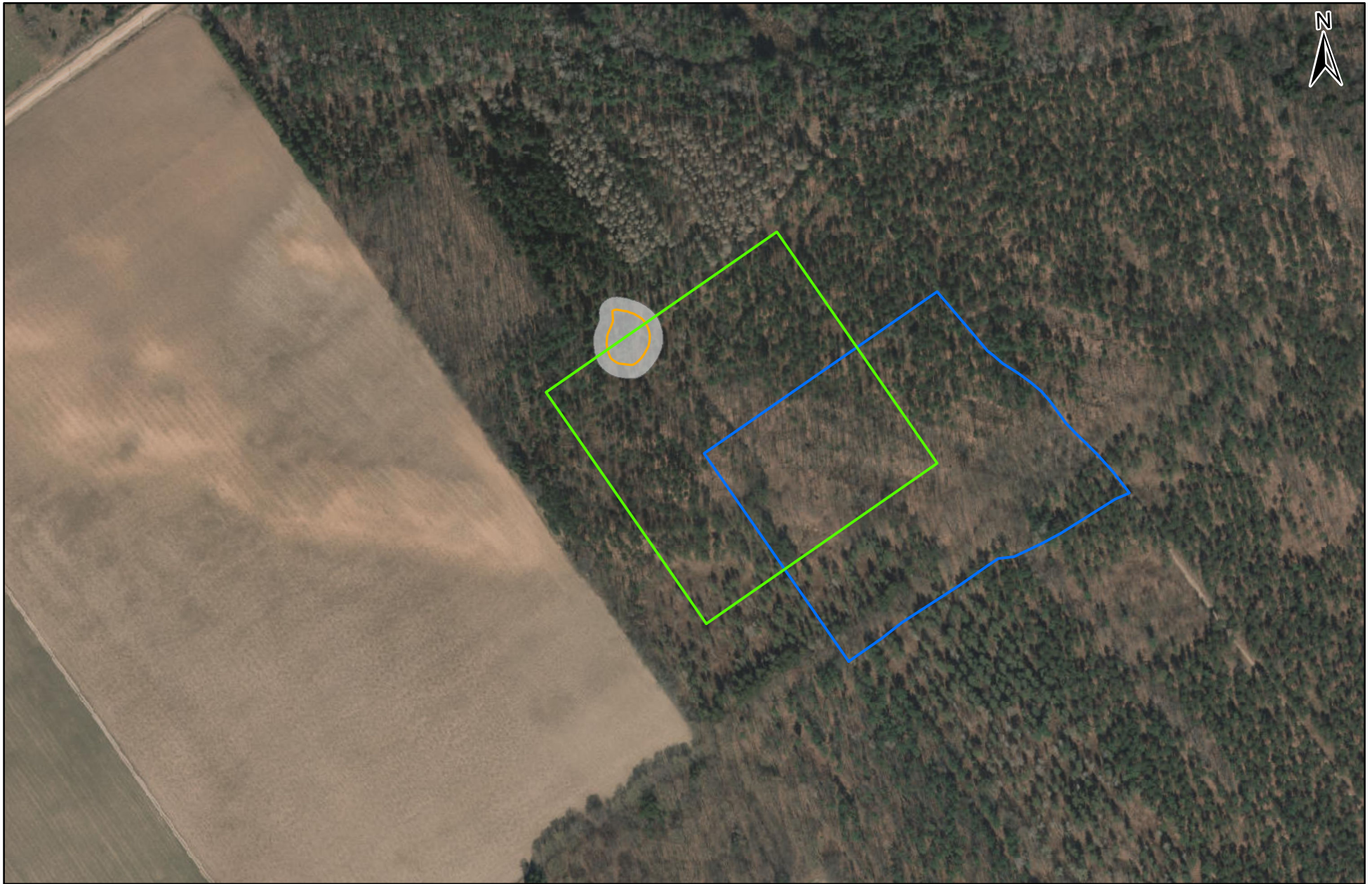


Figure 2: Location of the Gribbin Site (BdGw-49) within the Proposed Development of the Simcoe Environmental Resource Recovery Centre.

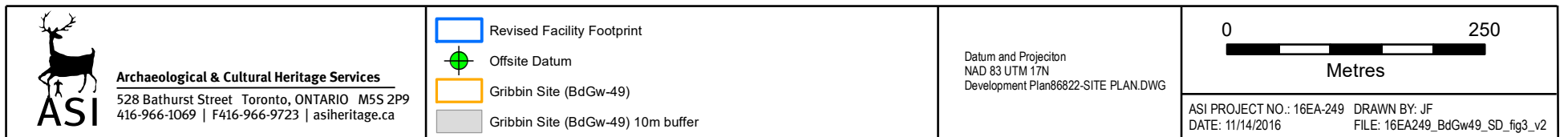
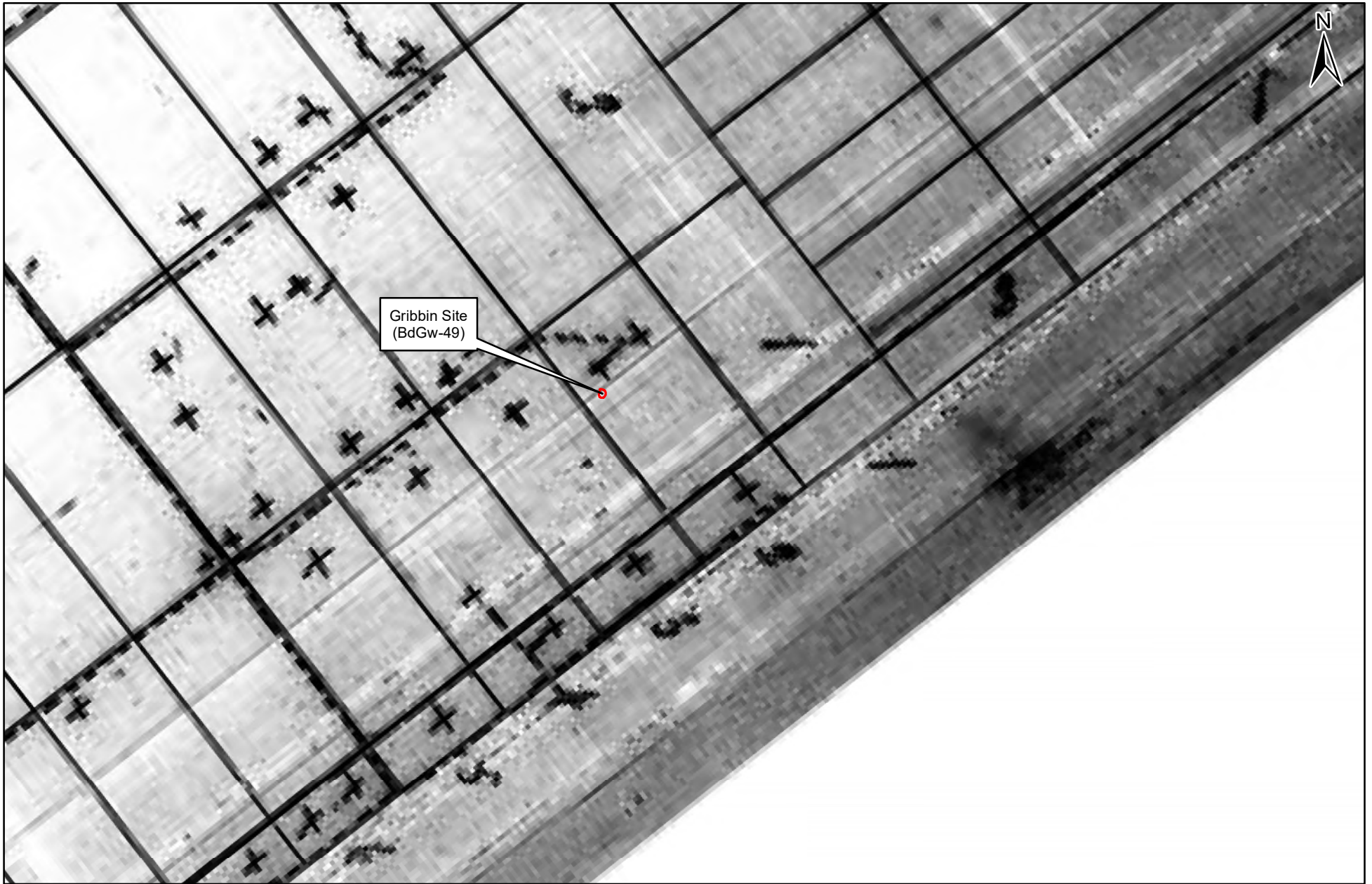




Figure 3: Location of the Gribbin Site (BdGw-49) within the Proposed Development of the Simcoe Environmental Resource Recovery Centre




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 Gribbin Site (BdGw-49)

Base:  
 1881 Illustrated Atlas of the Township of Flos

0 1.25  
  
 Kilometres

ASI PROJECT NO.: 16EA-249      DRAWN BY: JF  
 DATE: 10/6/2016                      FILE: 16EA249\_1861\_hist

Figure 4: Location of the Gribbin Site (BdGw-49) on the 1861 Census of Canada, Map of the Township of Flos.



Gribbin Site  
(BdGw-49)

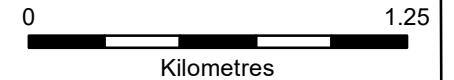


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Gribbin Site (BdGw-49)

Base:  
1881 Illustrated Atlas of the Township of Flos

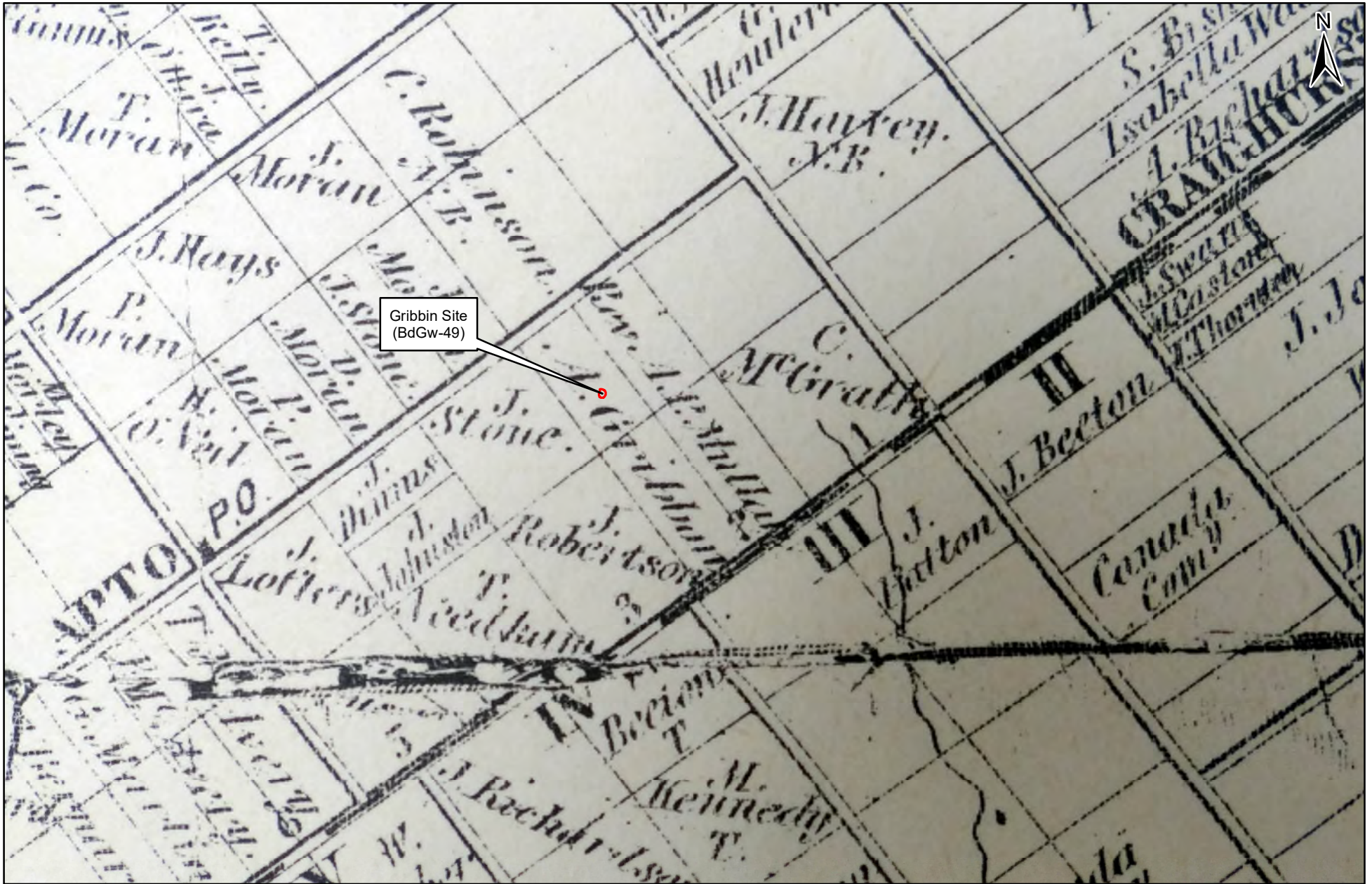


ASI PROJECT NO.: 16EA-249  
DATE: 10/6/2016


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Figure 5: Location of the Gribbin Site (BdGw-49) on the 1871 Hogg's Map Detail from the 1881 Illustrated Atlas of the County of Simcoe.







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 Gribbin Site (BdGw-49)

Base:  
 1881 Illustrated Atlas of the Township of Flos

0 1.25  
  
 Kilometres

ASI PROJECT NO.: 16EA-249      DRAWN BY: JF  
 DATE: 10/6/2016                      FILE: 16EA249\_1881\_hist

Figure 6: Location of the Gribbin Site (BdGw-49) on the 1881 Illustrated Historical Atlas of the Township of Flos.

## 2.0 DETAILED SITE LOCATION

The Gribbin site is located on the parcel known as 2976 Horseshoe Valley Road West. The site is in a wooded area accessed by a private laneway on the north side of Horseshoe Valley Road.

**Table 1: Gribbin Site (BdGw-49) GPS Coordinates**

<b>Project:</b>	Stage 3 Archaeological Assessment, Gribbin Site (BdGw-49)			
<b>ASI File:</b>	16EA-249	<b>MTC PIF:</b>	P128-0150-2016	
<b>GPS Model &amp; Type:</b>	Garmin Dakota 10			
<b>UTM Grid Zone:</b>	17T	<b>Datum:</b>	NAD 83	<b>Method of Correction:</b> n/a
Site	UTM Co-ordinates		Error (1 x m)	Location
Gribbin (BdGw-49)	0597090	4929932	4	Northern limit
Gribbin (BdGw-49)	0597117	4929910	4	Eastern limit
Gribbin (BdGw-49)	0597085	4929913	4	Western limit
Gribbin (BdGw-49)	0597103	4929891	4	Southern limit
Gribbin (BdGw-49)	0597089	4929924	4	Unit 510N-185
Gribbin (BdGw-49)	0597098	4929932	4	Unit 520N-195
Offsite- datum	0597841	4929200	5	

At the time of recording GPS coordinated the conditions were sunny and clear.

## 3.0 BIBLIOGRAPHY

ASI (Archaeological Services Inc.)

- 2016 Stage 3 Site Specific Assessment Simcoe Environmental Resource Recovery Centre, Gribbin Site (BdGw-49), Part of Lot 2, Concession I, Former Flos Township, Now Springwater Township, County of Simcoe, Ontario. [PIF P128-0150-2016] Report on file at MTCS, Toronto.



#### 4.0 PROTECTION STRATEGY SUPPORTING DOCUMENTS

The following documents are required by the S & G, Section 7.9.9 to support the Stage 4 Protection strategy for the Gribbin site. These include a letter and a conceptual site plan from the proponent and their engineers detailing how the Protection and Avoidance strategy will be undertaken.

As per S & G Standard 7.9.9 Documentation supporting a recommendation for avoidance and protection, the following documents are attached below:

- a. Documentation from Simcoe County supporting protection of Gribbin site (Appendix A);
- b. A conceptual site plan from showing location of the Gribbin Site, buffer around the site, limits of the area that will be subject to long-term protection (Appendix B);
- c. A schedule for inspection and monitoring during and after construction. Construction on the Environmental Resource Recovery Centre in the vicinity of the Gribbin Site is currently scheduled to being in June 2018 and will be complete by June 2021 (noting that this timeline is contingent of approvals). The following sequence of activities are anticipated:

**Table 2: Gribbin Site Schedule for Inspection and Monitoring During and After Construction**

<b>Construction Activity</b>	<b>Estimated Duration</b>	<b>Archaeological Monitoring Plan</b>
Site establishment – temporary fencing, erosion and sediment control measures	1 week duration from June 1 <sup>st</sup> 2018	Daily monitoring
Site Construction	Two years	Monthly progress report from Simcoe County
Restoration	2 weeks (Spring 2021)	Bi-weekly monitoring, preparation of Stage 4 Avoidance and Protection report



**Appendix A:** Letter from Simcoe County supporting protection of the Gribbin Site (BdGw-49)





November 11, 2016

Ms. Lisa Merritt  
Archaeological Services Inc.  
528 Bathurst Street  
Toronto, ON M5S 2P9

**RE: Environmental Resource Recovery Centre  
Gribbin Site (BdGw-49) – 2976 Horseshoe Valley Road West, Springwater**

Dear Ms. Merritt:

Further to the Stage 3 findings outlined by ASI in their report dated November 2016 and discussions with the Project Team, we wish to confirm that the County of Simcoe is fully aware of our obligations for the protection of the Gribbin site (BdGw-49) located within the Freele Tract (adjacent to the Environmental Resource Recovery Centre project area) at 2976 Horseshoe Valley Road West, Springwater. Please note that a conceptual site plan outlining the location of the Gribbin site ((BdGw-49) within the tract is attached for future reference. Further, we are committed to the long term protection of the site and in accordance with Ontario Ministry of Tourism, Culture and Sport (MTCS) Standards and Guidelines Section 4.1, the County hereby commits to implementing the strategies recommended by ASI for a) site avoidance and protection during construction and b) long term protection and avoidance of the Gribbin site (BdGw-49).

Our strategy for site avoidance and protection during construction is in accordance with the MTCS Standards and Guidelines Section 4.1.1 and includes the following:

1. Written and verbal instructions will be provided to all construction personnel working within the Project lands to avoid the location of the Gribbin site (BdGw-49) and its protective 10 m buffer. Maps of the avoidance area will also be provided to field personnel.
2. Prior to any construction activity in the vicinity, snow fencing or a similar barrier will be erected around the site and its 10 m protective buffer within the project lands to define the no-go area;
3. We agree to ASI's schedule for inspection and monitoring during and after construction, included in ASI's Stage 3 report. Construction at the Environmental Resource Recovery Centre is scheduled to start in June 2018 and will be complete by June 2021, noting that this timeline is contingent of receipt of Planning and Environmental approvals. Should this timeline change, notification will be provided to ASI.

Our strategy for long term protection and avoidance is in accordance with the MTCS Standards and Guidelines Section 4.1.4 and includes the following:

1. The County of Simcoe currently owns the property that contains the Gribbin site (BdGw-49) including the 10 m buffer.

2. As Planning approvals are furthered, the County of Simcoe will work with the Township of Springwater to determine an appropriate Condition of Site Plan Approval related to protection of this area. This will include identifying the location of the Gribbin site (BdGw-49) on the site plan, definition of mandatory steps for further protection on a long-term basis, or should the site be impacted in the future, requiring that a Stage 4 excavation be undertaken by a licensed archaeologist according to the Standards and Guidelines for Consulting Archaeologists.
3. The site will be located within an appropriate protective zone. Specifically, the allowable uses for the protected site area shall not permit any activities or site alteration that involve even minor forms of soil disturbance, including minor landscaping and tree removal.

We hope that the above is satisfactory and should you have any questions or require clarification on this project, please let us know.

Regards,



Debbie Korolnek, P.Eng.  
General Manager, Engineering, Planning & Environment

cc. Rob McCullough, Director, Solid Waste Management  
Graeme Davis, County Forester  
David Parks, Director, Planning, Development & Tourism

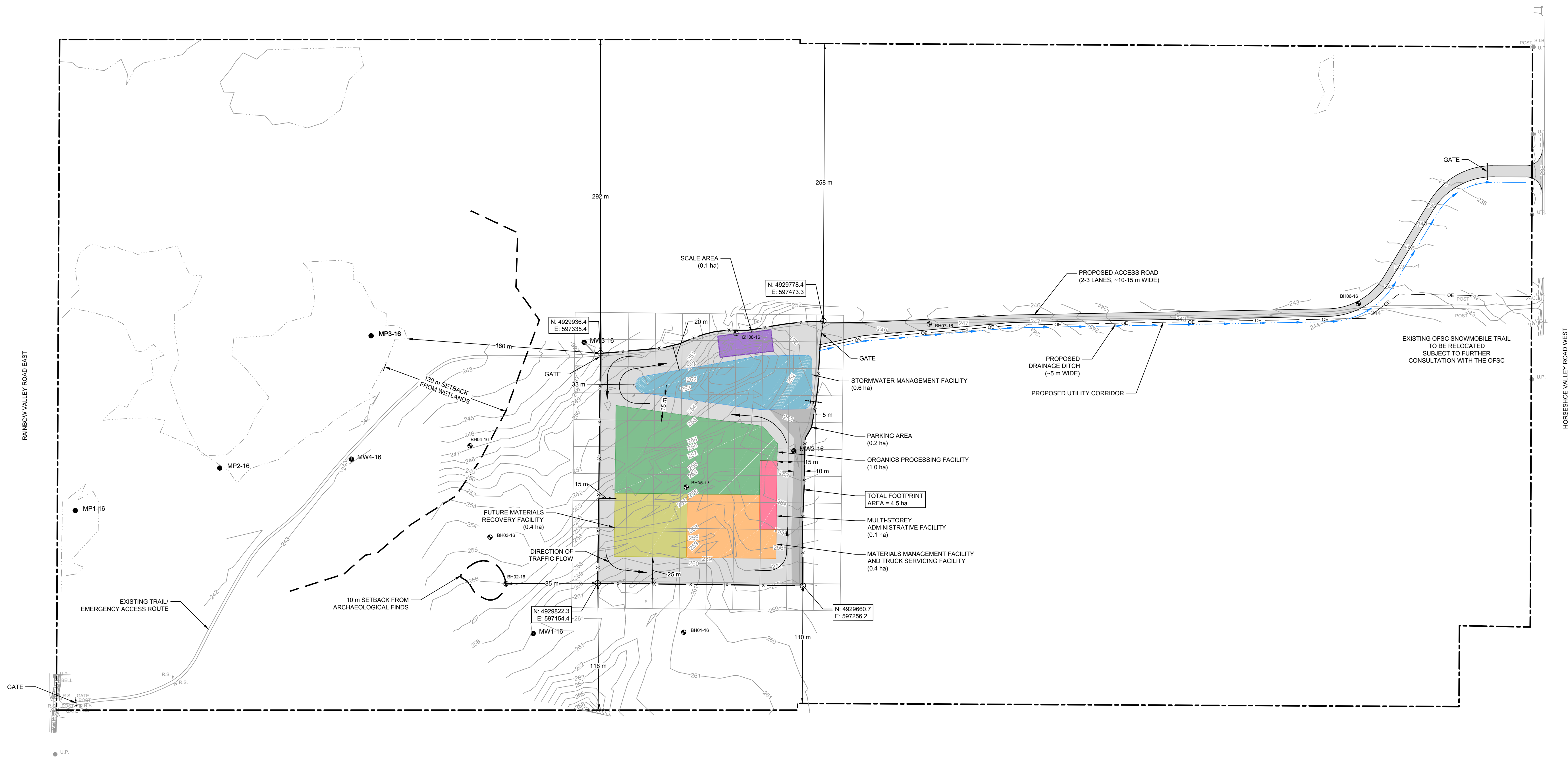
**Appendix B:** Conceptual Site Plan from Simcoe County supporting protection of the Gribbin Site  
(BdGw-49)



**LEGEND**

	PROPERTY LINE
	CONTOUR ELEVATION
	WETLAND DELINEATION
	MONITORING WELL
	BOREHOLE
	UTILITY POLE
	TELEPHONE PEDESTAL
	SIGN
	GATE POST
	PROPOSED CHAIN LINK FENCE
	25 x 25 GRID

SOURCE: TOPOGRAPHIC SURVEYS COMPLETED BY GHD (AUGUST - OCTOBER 2016)



**FINAL**

No.	Issue	Drawn	Approved	Date	 	Bar is 20mm on original size drawing 0 20mm	Reuse of Documents This document and the ideas and designs incorporated herein, as an instrument of professional service, is the property of GHD and shall not be reused in whole or in part for any other project without GHD's written authorization. © 2016 GHD	 GHD Limited 651 Colby Drive Waterloo Ontario N2V 1C2 Canada T 519 884 0510 F 519 884 0525 W www.ghd.com	Drawn <b>MW</b>	Designer <b>KP</b>	Client <b>COUNTY OF SIMCOE</b>
									Drafting Check <b>BP</b>	Design Check <b>DS</b>	Project <b>ENVIRONMENTAL RESOURCE RECOVERY CENTRE</b>
									Project Manager <b>BD</b>	Date <b>Nov 15, 2016</b>	Title <b>CONCEPTUAL SITE PLAN</b>
									This document shall not be used for construction unless signed and sealed for construction.	Scale <b>1:2000</b>	Project No. <b>86822-00</b>
									Original Size <b>ANSI D</b>	Sheet No. <b>FIGURE 3.1</b>	Sheet <b>1</b> of <b>1</b>