



REPORT

Heritage Conservation Plan

James A. Cameron House, 18722 Main Street, Town of Caledon, Regional Municipality of Peel, Ontario

Submitted to:

CBM Aggregates

Submitted by:

WSP Canada Inc.

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Distribution List

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Executive Summary

WSP Canada Limited (WSP) was retained by CBM Aggregates (CBM), a division of St. Marys Cement Inc. (Canada), to complete a Heritage Conservation Plan (HCP) for 18722 Main Street in the Town of Caledon, Regional Municipality of Peel, Ontario (the Study Area). The Study Area is an irregular-shaped, 48.5-hectare (120-acre) property located on southwest side of Main Street, approximately 645 m northwest of Charleston Sideroad. The Study Area is surrounded by agricultural properties. Within the Study Area is a two-storey red brick Italianate style residence constructed between 1899 and 1905 and a rear addition built in the 20th century (the James A. Cameron House; the house). The Study Area is not identified as a Cultural Heritage Landscape in the Town's Cultural Heritage Landscape Inventory (Scheinman 2009).

CBM proposes to develop a portion of the Study Area as part of the 261.2-hectare CBM Caledon Pit / Quarry site, licensed under the *Aggregate Resources Act* and designated or zoned under the *Planning Act* (the Project). WSP conducted a Heritage Impact Assessment (HIA) for the Study Area which recommended that limit of extraction be revised to retain the identified heritage attributes – the farmhouse, barn, and mature vegetation – in their original use and arrangement, delineated by a Reference Plan (R-Plan; WSP 2026). The HIA was accepted by the Town of Caledon (the Town) on March 24, 2026 as complete. On February 24, 2026, the Town passed By-Law 2026-11, designating a portion of the Study Area.

Monthly meetings between WSP and the Town, ongoing since June 2024, have determined that an HCP should be written to guide the designation and management efforts for 18722 Main Street, and outline how the heritage attributes of the property will be conserved and protected during proposed quarrying activities and into the future. This HCP serves to fulfill the recommendations set out in Section 8 of the HIA.

The purpose of an HCP is to describe the current understanding of the historic place, then recommend interventions that recognize and respect what is important about the historic place. This HCP has been prepared according to guidance received from the Town of Caledon's (the Town's) heritage planners and is informed by the Canada's Historic Places (CHP) *Standards and Guidelines for the Conservation of Historic Places in Canada* (CHP 2010), Public Works and Government Services Canada (PWGSC) *Architectural Conservation Technology Manual* (1994), Historic England *Informed Conservation* (Clark 2001) and *Practical Building Conservation* (Historic England 2018a-c) series, ICOMOS Australia *The Illustrated Burra Charter* (Walker & Kyle 2004) and *The Conservation Plan* (Kerr 2013), the Ontario Heritage Trust's *Well-Preserved: The Ontario Heritage Foundation's Manual of Principles and Practice for Architectural Conservation* (Fram 2003), and *Conservation Plans for Heritage Properties* (Ontario Heritage Trust 2012).

Following international, federal, provincial, and municipal guidance, this plan takes an understanding, planning, and intervening approach to conserving 18722 Main Street, with goals to:

- Conserve the James A. Cameron House as a late-19th to early-20th century Italianate style farmhouse with associated barn and mature vegetation as property with cultural heritage significance to the community;

To achieve these goals, WSP has recommended 10 preservation and commemoration strategies to be implemented between now and the conclusion of quarrying activities.

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Abbreviations

CHER	Cultural Heritage Evaluation Report
CHP S&Gs	Canada's Historic Places <i>Standards and Guidelines for the Conservation of Historic Places in Canada</i>
CHVI	Cultural Heritage Value or Interest
Cultural Heritage Report	Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment
HCP	Heritage Conservation Plan
HIA	Heritage Impact Assessment
MCM	Ministry of Citizenship and Multiculturalism
MCM S&Gs	Ministry of Citizenship and Multiculturalism <i>Standards and Guidelines for the Conservation of Provincial Heritage Properties</i>
NOID	Notice of Intention to Designate
O. Reg.	Ontario Regulation
PPS	Provincial Planning Statement
SCHVI	Statement of Cultural Heritage Value or Interest

Glossary

Adjacent lands	Those lands contiguous to a protected heritage property or as otherwise defined in the municipal official plan (PPS 2024).
Built Heritage Resource:	Means a building, structure, monument, installation or any manufactured or constructed part or remnant that contributes to a property’s cultural heritage value or interest as identified by a community, including an Indigenous community (PPS 2024). Built heritage resources are located on property that may be designated under Parts IV or V of the <i>Ontario Heritage Act</i>, or that may be included on local, provincial, federal and/or international registers.
Conserved:	Means the identification, protection, management and use of built heritage resources, cultural heritage landscapes and archaeological resources in a manner that ensures their cultural heritage value or interest is retained. This may be achieved by the implementation of recommendations set out in a conservation plan, archaeological assessment, and/or heritage impact assessment that has been approved, accepted or adopted by the relevant planning authority and/or decision maker. Mitigative measures and/or alternative development approaches can be included in these plans and assessments (PPS 2024).
Cultural Heritage Landscape:	Means a defined geographical area that may have been modified by human activity and is identified as having cultural heritage value or interest by a community, including an Indigenous community. The area may include features such as buildings, structures, spaces, views, archaeological sites or natural elements that are valued together for their interrelationship, meaning or association (PPS 2024). Cultural heritage landscapes may be properties that have been determined to have cultural heritage value or interest under the <i>Ontario Heritage Act</i>, or have been included on federal and/or international registers, and/or protected through official plan, zoning by-law, or other land use planning mechanisms.

Heritage Attributes:	Means, as defined under the <i>Ontario Heritage Act</i>, in relation to real property, and to the buildings and structures on the real property, the attributes of the property, buildings and structures that contribute to their cultural heritage value or interest (PPS 2024). Heritage attributes are the principal features or elements that contribute to a protected heritage property's cultural heritage value or interest, and may include the property's built, constructed, or manufactured elements, as well as natural landforms, vegetation, water features, and its visual setting (e.g. significant views or vistas to or from a protected heritage property).
Protected Heritage Property:	Means property designated under Part IV or VI of the <i>Ontario Heritage Act</i>; property included in an area designated as a heritage conservation district under Part V of the <i>Ontario Heritage Act</i>; property subject to a heritage conservation easement or covenant under Part II or IV of the <i>Ontario Heritage Act</i>; property identified by a provincial ministry or a prescribed public body as a property having cultural heritage value or interest under the <i>Standards and Guidelines for the Conservation of Provincial Heritage Properties</i>; property protected under federal heritage legislation; and UNESCO World Heritage Sites (PPS 2024).
Significant:	In regard to cultural heritage and archaeology, resources that have been determined to have cultural heritage value or interest. Processes and criteria for determining cultural heritage value or interest are established by the Province under the authority of the <i>Ontario Heritage Act</i> (PPS 2024).

Study Limitations

WSP Canada Inc. (WSP) prepared this report solely for the use of the intended recipient, CBM Aggregates, in accordance with the professional services agreement between the parties. In the event a contract has not been executed, the parties agree that the WSP General Terms for Consultant shall govern their business relationship which was provided to you prior to the preparation of this report.

The report is intended to be used in its entirety. No excerpts may be taken to be representative of the findings in the assessment.

The conclusions presented in this report are based on work performed by trained, professional, and technical staff, in accordance with their reasonable interpretation of current and accepted engineering and scientific practices at the time the work was performed.

The content and opinions contained in the present report are based on the observations and/or information available to WSP at the time of preparation, using investigation techniques and engineering analysis methods consistent with those ordinarily exercised by WSP and other engineering/scientific practitioners working under similar conditions, and subject to the same time, financial and physical constraints applicable to this project.

WSP disclaims any obligation to update this report if, after the date of this report, any conditions appear to differ significantly from those presented in this report; however, WSP reserves the right to amend or supplement this report based on additional information, documentation or evidence.

WSP makes no other representations whatsoever concerning the legal significance of its findings.

The intended recipient is solely responsible for the disclosure of any information contained in this report. If a third party makes use of, relies on, or makes decisions in accordance with this report, said third party is solely responsible for such use, reliance or decisions. WSP does not accept responsibility for damages, if any, suffered by any third party as a result of decisions made or actions taken by said third party based on this report.

WSP has provided services to the intended recipient in accordance with the professional services agreement between the parties and in a manner consistent with that degree of care, skill and diligence normally provided by members of the same profession performing the same or comparable services in respect of projects of a similar nature in similar circumstances. It is understood and agreed by WSP and the recipient of this report that WSP provides no warranty, express or implied, of any kind. Without limiting the generality of the foregoing, it is agreed and understood by WSP and the recipient of this report that WSP makes no representation or warranty whatsoever as to the sufficiency of its scope of work for the purpose sought by the recipient of this report.

In preparing this report, WSP has relied in good faith on information provided by others, as noted in the report. WSP has reasonably assumed that the information provided is correct and WSP is not responsible for the accuracy or completeness of such information.

Benchmark and elevations used in this report are primarily to establish relative elevation differences between the specific testing and/or sampling locations and should not be used for other purposes, such as grading, excavating, construction, planning, development, etc.

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1 INTRODUCTION

WSP Canada Limited (WSP) was retained by CBM Aggregates (CBM), a division of St. Marys Cement Inc. (Canada), to complete a Heritage Conservation Plan (HCP) for 18722 Main Street in the Town of Caledon, Regional Municipality of Peel, Ontario (the Study Area). The Study Area is an irregular-shaped, 48.5-hectare (120-acre) property located on southwest side of Main Street, approximately 645 m northwest of Charleston Sideroad. The Study Area is surrounded by agricultural properties. Within the Study Area is a two-storey red brick Italianate style residence constructed between 1899 and 1905 and a rear addition built in the 20th century (the James A. Cameron House; the house). The Study Area not identified as a Cultural Heritage Landscape in the Town's Cultural Heritage Landscape Inventory (Scheinman 2009).

CBM proposes to develop a portion of the Study Area as part of the 261.2-hectare CBM Caledon Pit / Quarry site, licensed under the *Aggregate Resources Act* and designated or zoned under the *Planning Act* (the Project). A Cultural Heritage Existing Conditions and Preliminary Impact Assessment (Cultural Heritage Report) completed for the Project determined that the Study Area may meet the criteria prescribed in Ontario Regulation 9/06 (O. Reg. 9/06, amended through O. Reg. 569/22) of the *Ontario Heritage Act* and may be impacted by the Project. The Cultural Heritage Report recommended to conduct a Heritage Impact Assessment (HIA) to evaluate the Study Area for Cultural Heritage Value or Interest (CHVI) and address the Project's potential impacts to the Study Area's CHVI and heritage attributes (WSP 2023). WSP's subsequent HIA, which included an evaluation of the Study Area against criteria outlined in O. Reg. 9/06, was completed in 2023 and updated in 2026. The HIA recommended that the limit of extraction be revised to retain the identified heritage attributes – the farmhouse, barn, and mature vegetation – in their original use and arrangement, delineated by a Reference Plan (R-Plan). The HIA was accepted by the Town as complete on March 24, 2026. On February 24, 2026, the Town passed By-Law 2026-11, designating a portion of the Study Area.

Monthly Meetings between WSP and the Town of Caledon, ongoing since June 2024, have determined that an HCP should be written to guide the Designation and management efforts, and outline how the heritage attributes of the property will be conserved and protected during proposed quarrying activities and into the future. This HCP serves to fulfill the recommendations set out in Section 8 of the HIA.

This HCP has been prepared according to guidance received from the Town's heritage planners, and is also informed by the following:

- *Standards and Guidelines for the Conservation of Historic Places in Canada* (CHP 2010; hereafter CHP S&Gs)
- *Architectural Conservation Technology Manual* (PWGSC 1994),
- *Informed Conservation* (Clark 2001)
- *Practical Building Conservation* series (Historic England 2018a-c),
- *The Illustrated Burra Charter* (Walker & Kyle 2004)
- *The Conservation Plan* (Kerr 2013)
- *Well-Preserved: The Ontario Heritage Foundation's Manual of Principles and Practice for Architectural Conservation* (Fram 2003)
- *Conservation Plans for Heritage Properties* (Ontario Heritage Trust 2012)

This HCP describes the current understanding of the house, then recommends planning and intervening measures that recognize and respect what is important about the historic place (CHP 2010:4). Overall, this HCP:

- Summarizes the heritage policies relevant to conserving the heritage attributes of the Study Area;
- Provides an overview of the setting and structural history of the Study Area;
- Provides the Statement of CHVI and list of heritage attributes to reflect the current understanding of the Study Area;
- Describes the physical condition of the house and barn;
- Develops goals for the Study Area and identifies the objectives to achieve those goals;
- Recommends the primary and secondary conservation treatment options and a series of strategies to ensure the heritage attributes of the house are conserved; and,
- Outlines the schedule to achieve the goals and objectives and complete the recommended strategies.

Following guidance from heritage conservation pioneer James Kerr (2013:2), this HCP only includes what is relevant to conserving the house and does not extensively cover the previous historical research nor the theoretical basis for heritage conservation.

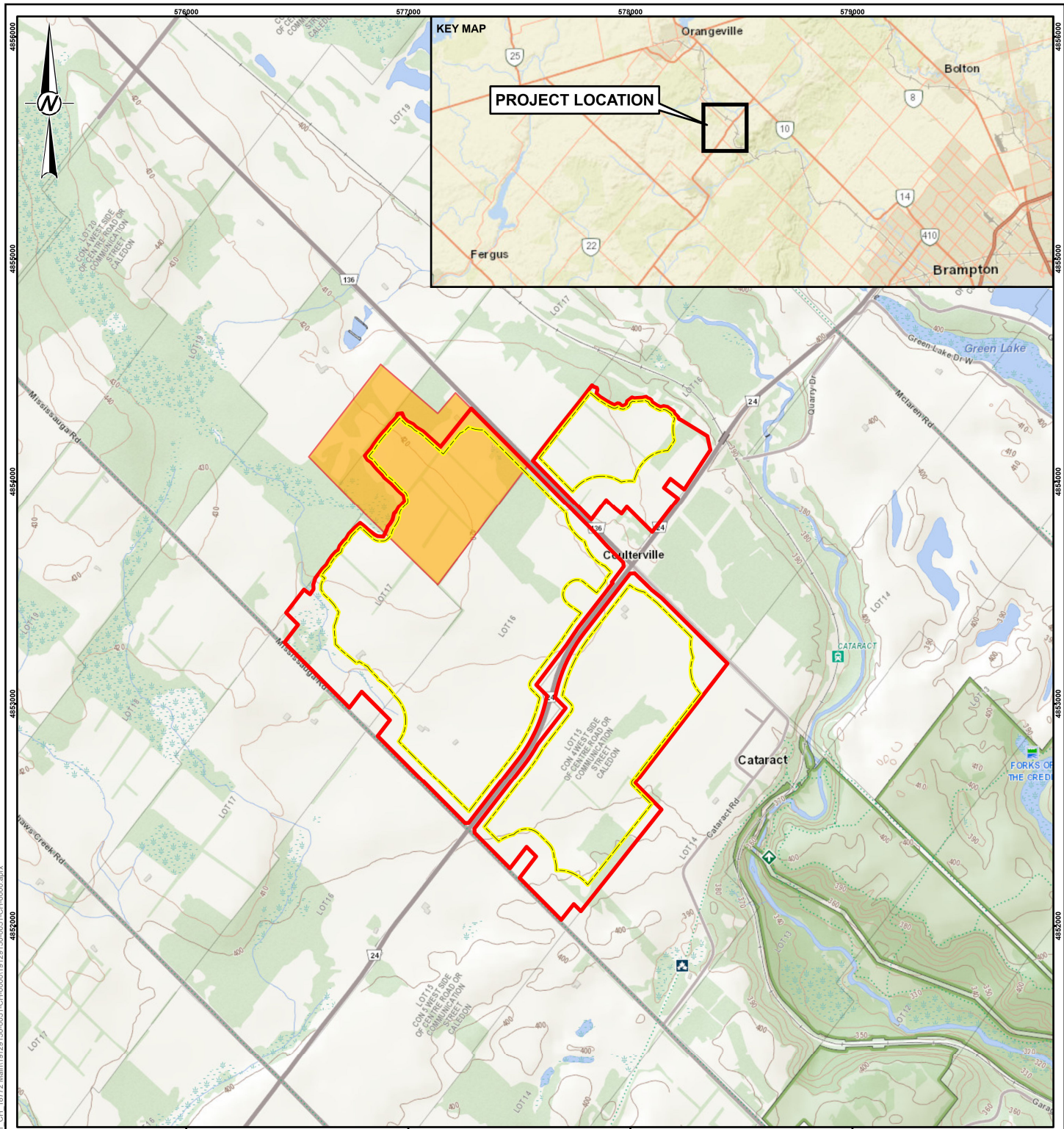
Additional site visits conducted for this property include:

- November 16, 2022, reported on in the HIA (WSP 2026)
- July 10, 2025, on site meeting with Town staff

1.1 Scope of Work

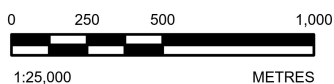
WSP completed the following tasks for this HCP:

- **Background Review:** Documents were reviewed and summarized to provide a comprehensive understanding of the work completed to date for the Study Area.
- **Information Gathering:** Information gathering efforts were conducted during the ongoing monthly meetings with the Town.
- **Planning Considerations and Approvals:** The Town's planning requirements and municipal approvals were identified for each of the short-, medium-, and long-term conservation strategies for the heritage attributes of the Study Area.
- **Conservation Strategy:** A conservation strategy for the heritage attributes was prepared using provincial, federal, and international guidance.
- **Action Plan, Implementation and Monitoring:** An action, implementation, and monitoring plan to conserve the heritage attributes of the Study Area was developed for the short-, medium-, and long-term.



LEGEND

- STUDY AREA
- LICENCE BOUNDARY
- LIMIT OF EXTRACTION



NOTE(S)

1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)

1. LIO TOPOGRAPHIC DATA CACHE, ONTARIO MINISTRY OF NATURAL RESOURCES AND FORESTRY, OPEN GOVERNMENT LICENCE – ONTARIO
2. SERVICE LAYER CREDITS: WORLD_STREET_MAP: ESRI, HERE, GARMIN, NGA, USGS, NPS
3. PROJECTION: TRANSVERSE MERCATOR DATUM: NAD 83
- COORDINATE SYSTEM: UTM ZONE 17 VERTICAL DATUM: CGVD28

CLIENT

CBM AGGREGATES, A DIVISION OF ST. MARYS CEMENT INC.
(CANADA)

PROJECT

CULTURAL HERITAGE IMPACT ASSESSMENT, 18772 MAIN STREET, TOWN OF CALEDON, REGIONAL MUNICIPALITY OF PEEL, ONTARIO

TITLE

LOCATION OF STUDY AREA

CONSULTANT



YYYY-MM-DD 2023-07-31

DESIGNED SO

PREPARED JJ/MC

REVIEWED HS

APPROVED HM

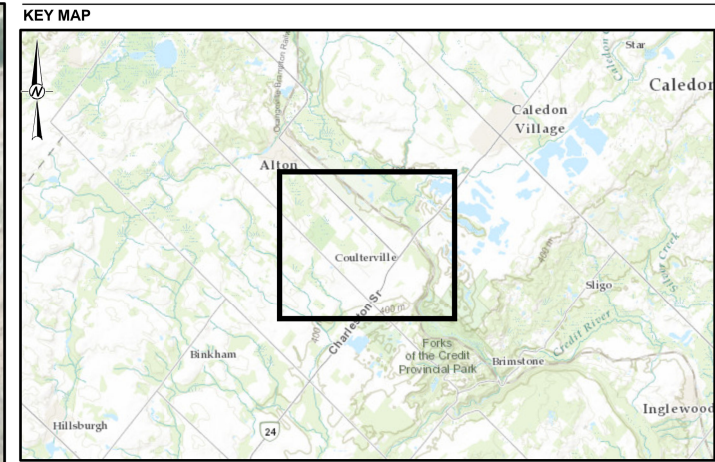
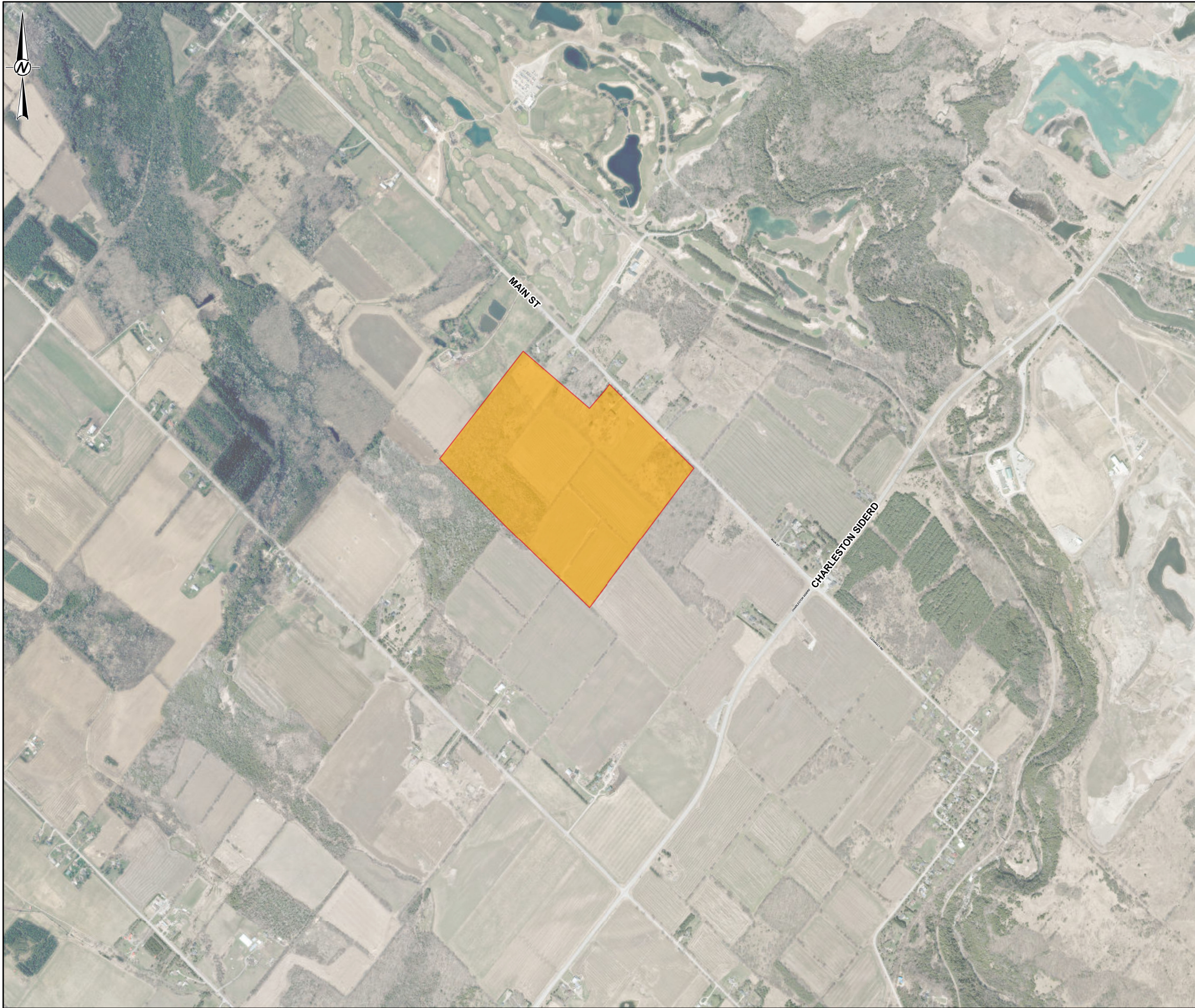
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CONTROL
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FIGURE
1

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LEGEND

STUDY AREA

NOTE(S)

1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)

1. CONTAINS INFORMATION LICENSED UNDER THE OPEN GOVERNMENT LICENCE - ONTARIO
2. IMAGERY CREDITS: WORLD TOPOGRAPHIC MAP: CITY OF BRAMPTON, REGION OF PEEL, PROVINCE OF ONTARIO, ONTARIO MNR, ESRI CANADA, ESRI, HERE, GARMIN, USGS, NGA, EPA, USDA, NPS, AAFC, NRCAN
3. COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N

CLIENT

CBM AGGREGATES, A DIVISION OF ST. MARYS CEMENT INC. (CANADA)

PROJECT

CULTURAL HERITAGE IMPACT ASSESSMENT, 18772 MAIN STREET, TOWN OF CALEDON, REGIONAL MUNICIPALITY OF PEEL, ONTARIO

TITLE

AERIAL PHOTOGRAPH SHOWING THE LOCATION OF THE STUDY AREA

	CONSULTANT	YYYY-MM-DD	2023-07-31
	DESIGNED	SO	
	PREPARED	JJ/MC	
	REVIEWED	HS	
	APPROVED	HM	

PROJECT NO.	CONTROL	REV.	FIGURE
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2 GUIDANCE FRAMEWORK

Heritage conservation is informed by guidance developed at the international, federal, provincial and municipal levels.

2.1 International & Federal Heritage Guidance

Drafted in response to international and national agreements such as the *International Charter for the Conservation and Restoration of Monuments and Sites* (the *Venice Charter*, 1964), *Australia ICOMOS* [International Council on Monuments & Sites] *Charter for Places of Cultural Significance* (the *Burra Charter*, updated 2013) and *Canadian Appleton Charter for the Protection and Enhancement of the Built Environment* (the *Appleton Charter*, 1983), the CHP S&Gs define three conservation treatments—preservation, rehabilitation, and restoration—and outline the process and required and suggested actions relevant to each treatment. The principles provided in the CHP S&Gs form the basis of this HCP and are outlined in greater detail in Section 4 and Section 5.

2.2 Provincial Heritage Legislation and Guidance

The *Ontario Heritage Act* is the primary piece of legislation that determines policies, priorities, and programs for the conservation of Ontario's cultural heritage. Heritage conservation on provincial properties must comply with the Ministry of Citizenship and Multiculturalism *Standards and Guidelines for the Conservation of Provincial Heritage Properties* (PHP S&Gs), but these also provide “best practice” approaches for evaluating cultural heritage resources not under provincial jurisdiction. The *Standards and Guidelines for the Conservation of Provincial Heritage Properties - Info Bulletin 2* advises on the contents and possible strategies for an HCP. The Ontario Heritage Trust, a provincial agency, has also developed terms of reference and suggested contents for conservation plans under their management, although these are less detailed (OHT 2012a; OHT 2012b).

To advise municipalities, organizations and individuals on heritage protection and conservation, the MCM developed a series of products under the *Ontario Heritage Tool Kit*. Of these, *Heritage Resources in the Land Use Planning Process* (MCM 2006) provides an outline for the contents of a HCP, which it defines as:

- A document that details how a cultural heritage resource can be conserved. The conservation plan may be supplemental to a heritage impact assessment but is typically a separate document. The recommendations of a plan should include description of repairs, stabilization and preservation activities as well as long term conservation, monitoring and maintenance measures.

Determining the optimal conservation strategy is further guided by the MCM *Eight Guiding Principles in the Conservation of Historic Properties* (2012), which encourage respect for:

- **Documentary evidence** – restoration should not be based on conjecture
- **Original location** – do not move buildings unless there is no other means to save them since any change in site diminishes heritage value considerably
- **Historic material** – follow “minimal intervention” and repair or conserve building materials rather than replace them
- **Original fabric** – repair with like materials
- **Building history** – do not destroy later additions to reproduce a single period

- **Reversibility** – any alterations should be reversible
- **Legibility** – new work should be distinguishable from old
- **Maintenance** – historic places should be continually maintained

2.3 Municipal Guidance

While the Town does not have a Terms of Reference document for HCPs, the Town's Terms of Reference for Heritage Impact Assessments (ToR) outlines expectations for adherence to conservation principles outlined in documents such as the MCM's *Heritage Conservation Principles for Land Use Planning* (MCM 2007), *Eight Guiding Principles in the Conservation of Historic Properties* (MCM 1997), CHP S&Gs (CHP 2010), and Fram's 2003 *Well-Preserved: The Ontario Heritage Foundations Manual of Principles and Practice For Architectural Conservation*.

While it is CBM's position that Future Caledon does not apply to the CBM Caledon Pit / Quarry Applications, which were submitted in December 2022 and deemed complete in February 2023, a fulsome review of Future Caledon was undertaken and confirmed that CBM's Applications continue to conform to the Town's most recent heritage policy updates contained in Future Caledon. This HCP adheres to heritage policy directives in both the 2018 Official Plan as well as Future Caledon. For a detailed policy analysis, see WSP 2026 and GSAI 2026.

As part of the Project, WSP Cultural Heritage Specialists and the Town of Caledon Heritage Planning staff have been meeting regularly to discuss the Project's cultural heritage scope. As part of this HCP, consultation with the Town's Heritage Planning staff has included:

- Ongoing, regular, monthly meetings (initiated June 2024) between WSP Cultural Heritage Specialists, Town of Caledon Heritage Planning staff, Sedgwick Marshall Heritage Homes, and Glen Schnarr and Associates Inc. (GSAI) to discuss strategies for the Projects cultural heritage scope, including receiving and responding to Town comments and coordination of a conservation strategy for the site.
- A draft table of contents for this HCP was provided to the Town for comment (comments received September 13, 2024 have been incorporated into this report).
- The status of the property's designation process under Part IV of the *Ontario Heritage Act*, including:
 - Heritage Designation By-law Extension Agreements between the Town and the Owner for the property to continue conservation strategies and extend timing for passing of the designation by-laws.
 - Discussions regarding the Statement of CHVI and list of heritage attributes as part of the development of the heritage designation by-law.
 - The ultimate passing of the designation by-law for a portion of the property on February 24, 2026 (By-Law 2026-011; APPENDIX B).
- The preparation of a Reference Plan (R-Plan) to delineate limits of the heritage attributes.
- On-site meeting conducted July 10, 2025 with WSP and Town of Caledon Heritage Planning staff.
- Sharing of photographs collected during the HIA and HCP site visits for the with Town Heritage Planning staff.

3 UNDERSTANDING

The following information on the current understanding of the house is summarized from the *Heritage Impact Assessment: 18722 Main Street, Town of Caledon, Regional Municipality of Peel, Ontario* report produced by WSP (WSP 2026; APPENDIX A). For a full description of the property history, landscape, built elements, interpretation, and heritage integrity used to form the basis of understanding for this HCP, see Sections 3 to 5 in the HIA (WSP 2026).

The property at 18722 Main Street in Caledon is a two-storey, red brick Italianate-style farmhouse built between 1899 and 1905 for James Cameron. It features an irregular footprint with a square front section, a medium-pitch hipped roof with wide overhanging eaves and decorative paired brackets, and a prominent two-storey frontispiece topped by a gable with bargeboard trim. The walls are stretcher-bond brick with contrasting stone details, including rough-faced quoins, carved lug sills, and decorative segmental arches over windows and doors. Original wood windows, some protected by aluminum storms, and intact Greek Revival-style doors with transoms remain. The house sits on a parged fieldstone foundation with chamfered ashlar watertable, and external brick chimneys are present on multiple elevations. The property also includes a timber-framed, gable-roof Central Ontario barn on a fieldstone foundation and a tree-lined driveway, forming a cohesive turn-of-the-century farmstead that reflects the rural agricultural character of the area. These elements—along with mature vegetation—contribute to its cultural heritage value, which is recognized through its architectural style, historical context, and grouping of structures. Heritage attributes identified for conservation include the farmhouse's Italianate design features, original windows and doors, stone detailing, barn structure, and the mature trees along the driveway.

A municipal Designation By-Law was passed February 24, 2026 for a portion of the property (By-Law 2026-011; APPENDIX B).

3.1.1 Statement of Cultural Heritage Value or Interest

The following property description, SCHVI, and list of heritage attributes are reproduced from the municipal designation By-law.

3.1.1.1 Description of the Property

The property municipally known as 18722 Main Street is located on the west side of the street, approximately one kilometre north of Charleston Sideroad, and features a turn of the 20th century farm complex.

(By-Law 2026-011: Schedule A)

3.1.1.2 Statement of Cultural Heritage Value or Interest

Built between 1899 and 1905 for James Cameron, the red brick farmhouse at 18722 Main Street is representative of the Italianate architectural style, characterized by its: two-storey massing; hipped roof with wide overhanging eaves and decorative brackets; stone accents producing a dichromatic effect; and wood framed window and door openings with segmental stone eyebrow arches. The farmhouse is set back from the road, accessed by a driveway lined with mature trees. At the rear of the driveway to the south of farmhouse is a three-bay timber-framed barn built in the gable-roof Central Ontario style. Set between the farmhouse and barn is a timber frame driveshed. Both outbuildings were likely constructed at the same time as the house.

The property is historically linked with the Cameron family, who farmed the east half of Lot 17 from the mid-1840s to the late 20th century.

The farmstead has contextual value for being closely tied, both physically and historically, to other properties in the immediate vicinity that were owned by other members of the Cameron family through the 19th and early 20th centuries. As a turn of the century farmstead, the spatial organization and mix of structural elements at 18722 Main Street maintains and supports the rural agricultural character of the wider area.

(By-Law 2026-011: Schedule A)

3.1.1.3 Heritage Attributes

Heritage attributes that convey the property's design value and physical value:

1. Dwelling:

- Two storey red brick Italianate style farmhouse with an irregular footprint
- Medium pitch hipped roof featuring a wide overhang and decorative paired brackets
- Projecting two-storey frontispiece on northeast elevation with decorative bargeboard on its gable
- Stone accents that are rough faced with chiseled margins:
 - stone quoins
 - segmental stone eyebrow arches on window and door openings
 - stone lug sills
- Original wood hung windows with wooden frames that feature segmental arched heads
- Original entrances with wooden frames that feature segmental arched heads and rectangular transoms
- Original exterior wood doors
- Parged stone foundations with chamfered, rough faced ashlar water table

2. Central Ontario barn:

- Timber frame
- Gable roof with metal cladding
- Fieldstone foundation
- Vertical plank siding
- Windows and doors set into fieldstone foundation
- End-drive ramp on the northwest elevation

3. Driveshed:

- Timber frame
- Gable roof with metal cladding

- Vertical plank siding

Heritage attributes that convey the property's contextual value:

1. *Mature vegetation:*

- Group of four deciduous trees lining the southeast side of the driveway

(By-Law 2026-011: Schedule A)

3.2 On Site Meeting

Heidy Schopf, WSP Cultural Heritage and Social Science Team Lead, met with Cassandra Jasinski and Sally Drummond, Town of Caledon Heritage Planning Staff, for an on-site meeting on July 10, 2025. The purpose of this meeting was to discuss the property with Town staff and while it does not constitute a fulsome inspection of the existing conditions of the property, deficiencies such as the condition of the roof were noted which require immediate attention. Strategies to address these deficiencies are presented in Section 5. Additionally, a site visit was conducted for the property on November 16, 2022 as part of the HIA.

3.3 Cultural Heritage Significance

Understanding a built heritage resource or cultural heritage landscape includes not only being able to trace its dates of construction or modifications through time, but also its overall cultural heritage significance and what elements should be prioritized for conservation. In Ontario the cultural heritage significance is usually summarized through a “Statement of Cultural Heritage Value of Interest” (SCHVI) which includes a “Description” (where the resource is located), its “Heritage Value” (why a resource is important) and its “Heritage Attributes” (what elements demonstrate the heritage value and therefore should be prioritized for conservation). In the CHP S&Gs, the latter are referred to as “character-defining elements,” explicitly referencing why an element is important to the significance of a historic place.

The Town presented a staff report at the Heritage Caledon Committee meeting on February 5, 2024 and issued a NOID for 18722 Main Street on March 12, 2024 (Town of Caledon 2024a and 2024b) with the following description:

The property is located on the west side of Main Street, north of Charleston Sideroad, being Part of Lots 17 and 18, Concession 4 WHS, within the former geographic Township of Caledon.

Built between 1899 and 1905 for James Cameron, the red brick farmhouse is representative of the Italianate architectural style with its two-storey massing, hipped roof with wide overhanging eaves and decorative brackets, dichromatic stone accents including segmental stone eyebrow arches and carved lug sills on window and door openings, and wood frames with carved arched head accents on window and door openings. The farmhouse is set back from the road, accessed by a driveway lined with mature trees. At the rear of the driveway, to the south of farmhouse is a three-bay timber-framed barn built in the gable-roof Central Ontario style, likely constructed at the same time as the house.

The grouping of contemporary elements such as the farmhouse, barn, and tree-lined drive supports the contextual value of the property. This complex is closely tied, both physically and historically, to similar properties in the surrounding area. As a turn of the century farmstead, the spatial organization and mix of structural elements on the property maintain and supports the rural agricultural character of the wider area.

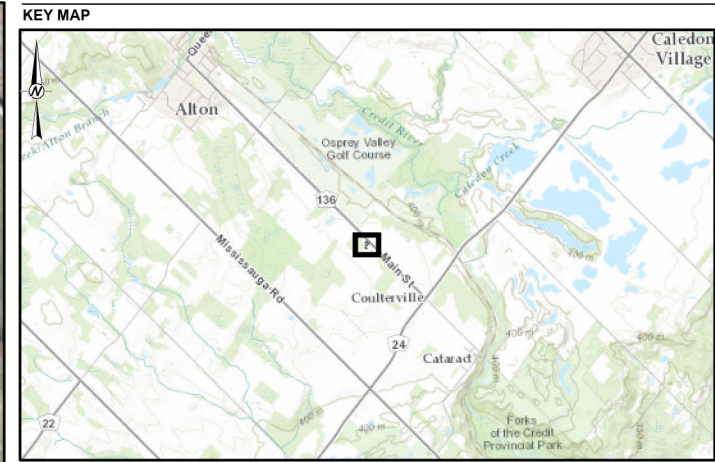
(Town of Caledon, 2024a)

3.4 Heritage Attribute Condition Assessment

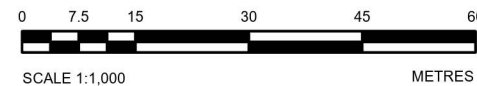
As the anticipated impacts to the Study Area's heritage attributes are primarily related to the alteration of property boundaries, a thorough assessment of heritage attribute conditions was not completed for this HCP. However, it was noted during the on site meeting that the roof of the farmhouse is in poor condition and will need to be inspected and repaired.

For a detailed description of the most recent condition assessment for the house, see Section 4.2.6 of the HIA (WSP 2026; Figure 3).

PATH: S:\Clients\Watermain\Comments\Long_Par_5_Caledon\08_PRCO\19129150_00_PRCO\0073_CH_18722Main\19129150_0073_CH_0000\19129150_0073_CH_0000.aprx PRINTED ON: AT 2:14:31 PM



- LEGEND**
- CIRCULATION ROUTE
 - BARN COMPLEX
 - DRIVEWAY
 - MAIN RESIDENCE
 - MATURE TREES
 - DRIVE SHED
 - SILO



NOTE(S)
1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)
1. CONTAINS INFORMATION LICENSED UNDER THE OPEN GOVERNMENT LICENCE - ONTARIO
2. IMAGERY CREDITS: WORLD IMAGERY: DUFFERIN, DUFFERIN COUNTY, PEEL REGION, MICROSOFT, VANTOR
WORLD TOPOGRAPHIC MAP: CITY OF BRAMPTON, REGION OF PEEL, PROVINCE OF ONTARIO, ONTARIO MNR, ESRI CANADA, ESRI, HERE, GARMIN, INCREMENT P, USGS, METI/NASA, NGA, EPA, USDA, AAFC, NRCAN
3. COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N

CLIENT
CBM AGGREGATES, A DIVISION OF ST. MARYS CEMENT INC. (CANADA)

PROJECT
HERITAGE CONSERVATION PLAN, 18722 MAIN STREET TOWN OF CALEDON, REGIONAL MUNICIPALITY OF PEEL, ONTARIO

TITLE
EXISTING CONDITIONS AT 18722 MAIN STREET

CONSULTANT	YYYY-MM-DD	2023-07-31
DESIGNED	SO	
PREPARED	JJ/MC	
REVIEWED	HS	
APPROVED	HM	



PROJECT NO. 19129150	CONTROL 0073	REV. 0	FIGURE 3
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IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

4 PLANNING AND CONSERVATION TREATMENT

4.1 Planning for Future Use

4.1.1 Conservation Standards

The CHP S&Gs presents nine standards that apply to the preservation, rehabilitation, and restoration treatments, with a further three added for rehabilitation and two for restoration. The nine standards for all treatments are:

- 1) Conserve the heritage value of an historic place. Do not remove, replace, or substantially alter its intact or repairable character-defining elements. Do not move a part of an historic place if its current location is a character-defining element.
- 2) Conserve changes to a historic place that, over time, have become character-defining elements in their own right.
- 3) Conserve heritage value by adopting an approach calling for minimal intervention.
- 4) Recognize each historic place as a physical record of its time, place and use. Do not create a false sense of historical development by adding elements from other historic places or other properties, or by combining features of the same property that never coexisted.
- 5) Find a use for an historic place that requires minimal or no change to its character-defining elements.
- 6) Protect and, if necessary, stabilize an historic place until any subsequent intervention is undertaken. Protect and preserve archaeological resources in place. Where there is potential for disturbing archaeological resources, take mitigation measures to limit damage and loss of information.
- 7) Evaluate the existing condition of character-defining elements to determine the appropriate intervention needed. Use the gentlest means possible for any intervention. Respect heritage value when undertaking an intervention.
- 8) Maintain character-defining elements on an ongoing basis. Repair character-defining elements by reinforcing their materials using recognized conservation methods. Replace in kind any extensively deteriorated or missing parts of character-defining elements, where there are surviving prototypes.
- 9) Make any intervention needed to preserve character-defining elements physically and visually compatible with the historic place and identifiable on close inspection. Document any intervention for future reference.

The additional standards that apply to **Rehabilitation** are:

- 10) Repair rather than replace character-defining elements. Where character-defining elements are too severely deteriorated to repair, and where sufficient physical evidence exists, replace them with new elements that match the forms, materials and detailing of sound versions of the same elements. Where there is insufficient physical evidence, make the form, material and detailing of the new elements compatible with the character of the historic place.
- 11) Conserve the heritage value and character-defining elements when creating new additions to an historic place or any related new construction. Make the new work physically and visually compatible with, subordinate to and distinguishable from the historic place.

- 12) Create any new additions or related new construction so that the essential form and integrity of an historic place will not be impaired if the new work is removed in the future.

The additional standards that apply to **Restoration** are:

- 13) Repair rather than replace character-defining elements from the restoration period. Where character-defining elements are too severely deteriorated to repair and where sufficient physical evidence exists, replace them with new elements that match the forms, materials and detailing of sound versions of the same elements
- 14) Replace missing features from the restoration period with new features whose forms, materials and details are based on sufficient physical, documentary and/or oral evidence.

A key principle explicitly or implicitly repeated in the CHP S&Gs is “minimal intervention”, that is, “doing enough, but only enough to meet realistic objectives while protecting heritage values” (CHP 2010: 26). On any given project, minimal intervention can mean very little work, or a significant amount—the degree is based on whatever is required to protect the heritage value of a place.

4.1.2 Conservation Treatments

The CHP S&Gs outline three “treatments” to guide intervention on a historic place. Although in theory a single treatment would be selected, nearly all projects involve a combination of all three depending on a variety of factors including level of understanding, practicality, and projected future uses.

“Conservation”, as presented in the CHP S&Gs, includes:

All actions or processes that are aimed at safeguarding the character-defining elements of an historic place to retain its heritage value and extend its physical life. This may involve Preservation, Rehabilitation, Restoration, or a combination of these actions or processes.

(CHP 2010: 17)

The latter actions or processes are then defined in the CHP S&Gs but perhaps are best summarized in illustrations provided in Volume 4 of the PWGSC *Architectural Conservation Technology Manual* (1994). The first shows a resource “as found” (Figure 4), with the remaining illustrations depicting a conservation treatment (Figure 5 to Figure 8).



Figure 4: A historic resource as found

Preservation: The action or process of protecting, maintaining and/or stabilizing the existing materials, form and integrity of an historic place, or of an individual component, while protecting its heritage value (Figure 5 and Figure 6).



Figure 5: Preservation (Interim Protection)



Figure 6: Preservation (Stabilization)

Rehabilitation (or adaptive reuse): The action or process of making possible a continuing or compatible contemporary use of an historic place, or an individual component, while protecting its heritage value (Figure 7).



Figure 7: Rehabilitation

Restoration: The action or process of accurately revealing, recovering or representing the state of an historic place, or of an individual component, as it appeared at a particular period in its history, while protecting its heritage value (Figure 8).

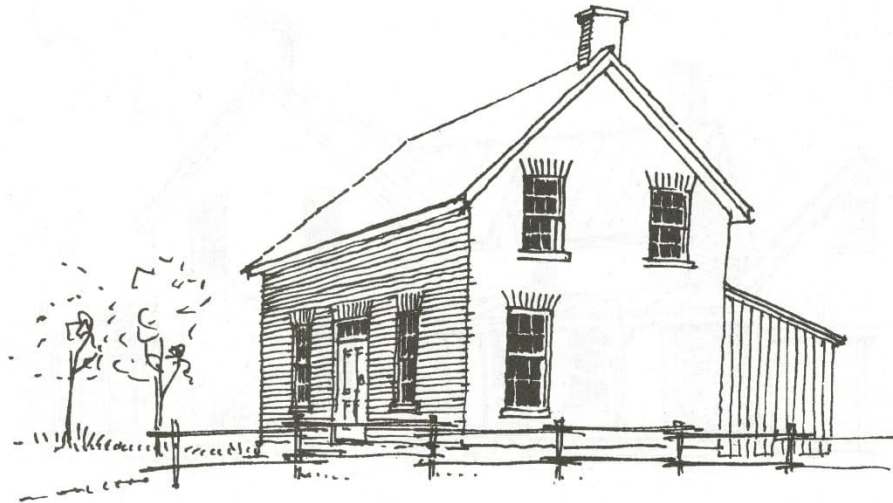


Figure 8: Restoration

A closely related treatment is reconstruction, defined in the Burra Charter as “returning a place to a known or earlier state and is distinguished from restoration by the introduction of new material” (ICOMOS 2013:1.8). It is most often applied when “a historic place...has been lost or is unsalvageable” but requires that the reconstructed work be identifiable as a new work to ensure it is not mistaken as an “authentic historic place” (Kalman & Letourneau 2021: 226).

A fourth treatment, which does not appear in the CHP S&Gs yet is occasionally applied is **redevelopment**. As defined in the PWGSC Manual (1994:7), redevelopment is “construction of compatible contemporary facilities to replace missing element [sic] or to increase density in a historic environment.” As the illustration in Figure 9 shows, what sets redevelopment apart from the other treatments is “that there is no direct emphasis on protection”, and “procedures are used which are basically unrelated to the preservation of historic fabric”. There is also a “continual interaction between contemporary design intentions and the constraints of existing historic resources” (PWGSC 1994:7). Conservation of heritage value remains central in this approach, even if it is expressed less tangibly than that seen in the other treatments.

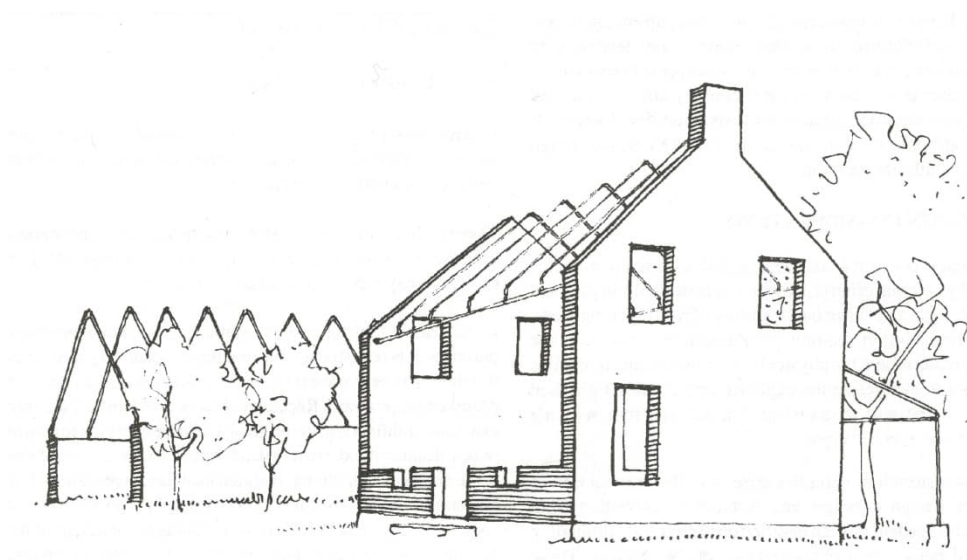


Figure 9: Redevelopment

Another treatment is **reassembly** or **reconstitution**, which refers to the rebuilding a dismantled historic place. It is referred to in the *Venice Charter* as “anastylosis” and an acceptable approach if there is a clear delineation between what material is new and what is original (Kalman & Létourneau 2020: 231). The most famous example of reconstitution was the effort to relocate the Great Temple at Abu Simbel during construction of the Aswan Dam in Egypt between 1964 and 1968.

4.2 Proposed Future Use, Goals & Objectives

The current proposed plan for the house is to retain the farmhouse, barn, and mature vegetation on site in their original use. The heritage attributes are protected by a Designation By-Law, defined by a R-Plan (APPENDIX B and APPENDIX C).

The goals of this conservation plan are therefore to:

- Conserve the James Cameron House as a late-19th to early-20th century Italianate style farmhouse with cultural heritage significance to the community.
- Retain the farmhouse, barn, and mature vegetation on site in their original use.
- Preserve and maintain the heritage attributes through avoidance.

Based on these goals, the objectives of this HCP are to:

- Select the most appropriate conservation treatments for the James Cameron House; and,
- Provide conservation strategies that support the goals to preserve and maintain the heritage attributes through the life of the quarry.

4.3 Recommended Conservation Treatments for the Study Area

Based on the identified goals, this HCP recommends that the preferred primary treatment for the Study Area is **preservation**. Preservation and maintenance of the heritage attributes in Study Area will retain the property's

cultural heritage significance. Strategies to achieve this conservation treatment over the short-, medium-, and long-term are provided in Section 5.

5 CONSERVATION STRATEGIES

This section provides a series of conservation strategies—in priority order and linked to the CHP S&Gs—to enact as part of the preservation of the house. As stressed above, the overall goal is to preserve and maintain the heritage attributes of the house through avoidance and minimal intervention.

The strategies are also ordered with the aim of ensuring the building remains stable throughout the conservation effort; as each strategy is completed, the cultural heritage value or interest and heritage attributes will be maintained on an ongoing basis, even if resources become limited or local events delay completing the next strategy in the sequence.

The work should be undertaken by individuals who have demonstrated to municipal staff that they have expertise in heritage conservation. The trades and expertise required for each action are also included under each conservation strategy.

It is understood that the project activities are organized into phases, with the property at 18722 Main Street located adjacent to Phase 2a. Operations will commence in Phase 1 and as such, it is recommended that the below listed conservation strategies be employed with this phased approach to project activities in mind. Immediate-term strategies (Section 5.1) shall be enacted prior to planning and license approval is granted. Short-term strategies Medium-term strategies (Section 5.2) must be completed prior to beginning Phase 2a activities of the Project. Long-term strategies and commemoration (Sections 5.3 and 5.4) shall commence upon completion of quarrying activities.

5.1 Immediate-Term: Occupation

It is assumed that the house will continue to be occupied prior to the planning and licensing application approval is granted for the Project, through the life of the quarry, and beyond. If the property is vacated a qualified specialist shall develop a mothball plan for the farmhouse, with a maintenance and inspection schedule, to conserve the structure until further action is implemented.

5.1.1 Heritage Designation

The heritage attributes for the house and property should be formally protected by a municipal designation By-Law, defined by an R-Plan, enabled under Part IV of the *Ontario Heritage Act*. The limits of the R-Plan encompass all identified heritage attributes and have been reviewed and approved by Town of Caledon Heritage planning staff.

Note that this has been completed as a municipal designation By-Law was passed February 24, 2026 (By-Law 2026-010; APPENDIX B)

5.1.2 Heritage Easement Agreement

A Heritage Easement Agreement could be considered to establish mutually accepted conditions that will ensure the preservation of the property's heritage attributes during adjacent quarrying activities.

5.1.3 Inspect and Repair

A fulsome inspection should be conducted to get an accurate and detailed review of the condition of the Study Area and identified heritage attributes. This should be conducted by an experienced professional with knowledge of both modern technologies and past trades. In addition to revealing any deficiencies and maintenance required, this will establish existing conditions prior to quarrying activities. Any corrective or emergency maintenance should be completed, ensuring that the cause is treated and not just the symptom. It is also required to comply with

heritage permit conditions, as outlined by the Town (Town of Caledon 2022b). Regular inspections should be conducted during the residential tenancy to ensure proper maintenance of the house and identified heritage attributes.

- Conduct a fulsome inspection and complete any corrective or emergency maintenance.
 - Address the observed deterioration of the roof observed during the on-site meeting with the Town of Caledon.
 - Address the observed missing wood plank siding on barn exterior
- Initiate and conduct regular (yearly) exterior and interior monitoring (ongoing).
- Comply with actions outlined in the Town of Caledon [Standards for the maintenance and occupancy of Property By-law 98-155 \(Property Standards\)](#) (ongoing).

Related Conservation Standards:

No. 1: Evaluate the existing condition of character-defining elements to determine the appropriate intervention needed. Use the gentlest means possible for any intervention. Respect heritage value when undertaking an intervention.

Required Trades and Expertise:

- Building Inspector or Surveyor with broad and detailed knowledge of past and present building trades.

5.1.4 Site Plan Adjustments

5.1.4.1 Creation of 50 m Buffer

At the time of HIA production, the limit of extraction was located within 50 m of the Study Area. The HIA recommended that options be explored to revise the limit of extraction to accommodate a 50 m buffer to protect the heritage attributes of the Study Area from potential adverse impacts as a result of construction related activity.

Ongoing discussions with the Client during the production of this HCP have resulted in an agreement to adjust the limit of extraction to follow the R-Plan limits which will accommodate a 50 m buffer around the heritage attributes of the Study Area. Specifically, the limit of extraction is 104 m from the farmhouse.

5.1.4.2 Landscape Treatments

A perimeter berm should be positioned between the limit of extraction and the property boundary (as defined by the R-Plan) to help lessen indirect effects from vibration or noise. A swale should be constructed between the perimeter berm and the barn, set back beyond 3 m from the barn, that extends eastward to the road to alleviate runoff from the perimeter berm and direct drainage away from the barn. As proposed by WSP Engineers and accepted by Town of Caledon Heritage Planners and Engineers (S. Drummond, email communication, January 7 2025), the swale should provide approximately 80 m of length and approximately 1 m of drop for a continuous slope of approximately 1.25%.

5.1.5 Structural Engineering Assessment

A structural engineering assessment should be conducted for the farmhouse and barn by a qualified engineer with experience working with heritage structures. The engineering assessment should examine the structures for

potential areas of structural concerns. Any structural issues noted in the assessment should be corrected by a qualified contractor.

Related Conservation Standards:

No. 1: Evaluate the existing condition of character-defining elements to determine the appropriate intervention needed. Use the gentlest means possible for any intervention. Respect heritage value when undertaking an intervention.

Required Trades and Expertise:

Building Inspector or Surveyor with broad and detailed knowledge of past and present building trades

5.1.6 Inspect and Fix Roof

As noted during the July 10, 2025 on site meeting, the shingles of the roof appear to be in poor condition. The roof should be inspected by a qualified contractor and, at a minimum, should be re-shingled. If the inspection determines additional work is required to preserve and maintain the roof, this work should be carried out.

Related Conservation Standards:

No. 1: Evaluate the existing condition of character-defining elements to determine the appropriate intervention needed. Use the gentlest means possible for any intervention. Respect heritage value when undertaking an intervention.

Required Trades and Expertise:

Building contractor with experience working heritage structures.

5.2 Medium-Term: Preserve

5.2.1 Develop and Follow a Maintenance and Monitoring Program

Cyclical building maintenance is vital for the short and long-term conservation of any building, and historic structures are no exception. In addition to cyclical maintenance schedules, heritage properties should also have a detailed monitoring program to establish a baseline condition for the Study Area and monitor any deterioration that may require more frequent maintenance or periodic repair. The Province of Manitoba and Canada's Historic Places have produced a comprehensive [maintenance manual](#) for heritage buildings that can be adapted to the house during quarrying activities. However, per Standard 8 of the CHP S&Gs (see below), maintenance should be conducted on an ongoing basis and no action deferred if a character-defining element is being affected.

- Informal biannual inspections of the farmhouse and barn should be conducted on a cyclical basis, ideally in the spring and fall.
- Once quarrying activities begin, a formal structural inspection should be conducted once every six months.

Related Conservation Standards:

No. 8: Maintain character-defining elements on an ongoing basis. Repair character-defining elements by reinforcing their materials using recognized conservation methods. Replace in kind any extensively deteriorated or missing parts of character-defining elements, where there are surviving prototypes.

Required Trades and Expertise:

- Building Inspector or Surveyor with broad and detailed knowledge of past and present building trades.

5.2.2 Vibration Monitoring

Vibration from blasting activities will potentially impact the heritage attributes identified for this property. To avoid or reduce the risk of vibrations resulting in adverse impact and ensure the structural integrity of the heritage attributes is maintained, the vibration monitoring protocol developed by qualified vibration specialists shall be implemented during the activities of the mineral aggregate operation (see WSP 2023b). Should the vibration threshold be exceeded, blasting designs which are affecting the receptors must be reassessed and a qualified vibration specialist should be consulted to determine appropriate next steps.

- All quarry blast shall be monitored within 300 m of the house to ensure compliance with the ground vibration limit of 50 mm/s (WSP 2023b: 33)

Related Conservation Standards:

No. 8: Maintain character-defining elements on an ongoing basis. Repair character-defining elements by reinforcing their materials using recognized conservation methods. Replace in kind any extensively deteriorated or missing parts of character-defining elements, where there are surviving prototypes.

Required Trades and Expertise:

- If needed, a qualified vibration specialist

5.3 Long-Term: Commemorate

The cultural heritage significance of the heritage attributes can be commemorated and interpreted through a heritage property plaque. The plaque should be installed in a location that is visible from public rights of way and on a free-standing mounting.

5.4 Contingent Strategy: Conduct Interior Heritage Examination

As interior access to the farmhouse was not available during the development of the HIA, and because the potential impact to the Study Area was related to the change in property boundaries, a fulsome inspection of the farmhouse interior for heritage attributes was not conducted. Should any future work involve direct modifications to the farmhouse, a thorough interior inspection and identification of potential heritage attributes should be conducted. At present, an interior inspection of the house is not recommended since alterations to the property are limited to the adjustment of the designation area through an R-Plan and installation of a swale between the proposed berm and the barn.

Related Conservation Standards:

- 1) Conserve the heritage value of an historic place. Do not remove, replace, or substantially alter its intact or repairable character-defining elements. Do not move a part of an historic place if its current location is a character-defining element.
- 2) Conserve heritage value by adopting an approach calling for minimal intervention.

- 3) Maintain character-defining elements on an ongoing basis. Repair character-defining elements by reinforcing their materials using recognized conservation methods. Replace in kind any extensively deteriorated or missing parts of character-defining elements, where there are surviving prototypes.

Required Trades and Expertise:

- If needed, a qualified cultural heritage specialist

6 IMPLEMENTATION AND ACTION PLAN

The strategies identified in this HCP can be implemented in four phases over two years, once *Planning Act* approval is granted for the project. Table 1 lists the conservation strategies by phase and includes a relative scale of importance and resource requirements. Table 2 provides a schedule for each phase, as well as any dependencies such as Town approvals.

Table 1: Implementation Plan (adapted from Kalman & Létourneau 2020: 411)

Stage	Strategy	No.	Action	Importance	Responsibility	Resources
1	Occupation	5.1.1	Heritage Designation	H	Current Owner	\$
		5.1.2	Heritage Easement Agreement	H	Current Owner	\$
		5.1.3	Inspect and Repair	H	CBM Aggregates	\$
		5.1.4	Site Plan Adjustments	H	CBM Aggregates	\$
		5.1.5	Structural Engineering Assessment	H	CBM Aggregates	\$
		5.1.6	Inspect and Fix Roof	H	CBM Aggregates	\$\$
2	Preserve	5.2.1	Develop and Follow a Maintenance and Monitoring Program	M	CBM Aggregates	\$
		5.2.2	Vibration Monitoring	M	CBM Aggregates	\$\$
3	Commemorate	5.3	Commemorate	L	CBM Aggregates	\$
4	Contingent Strategy	5.4	Contingent Strategy: Conduct Interior Heritage Examination	L	CBM Aggregates	\$

Symbol Key for Table 3					
Importance	H	High	Resources	\$	Low cost
	M	Medium		\$\$	Moderate Cost
	L	Low		\$\$\$	High Cost

Table 2: Implementation Schedule once Planning Approval is Granted.

Stage	Duration	Dependency
1	Until Planning and License Application Approval	None
2	Within first 3 months	Planning and License Application Approval
3	Within first 12 months	Town approval of HCP
4	Within first 12 months	Contingent on work occurring to farmhouse

7 SUMMARY STATEMENT

This HCP has recommended 10 strategies to conserve the heritage attributes of the Study Area.

These strategies are based on WSP's current understanding of the house and its setting, and it is possible that new conditions may be discovered throughout the preservation effort which may require changes to this plan. Although not intended to be a dynamic document, this HCP nevertheless aims to provide a clear set of goals and objectives for the house, as well as an overall framework to approach new challenges or opportunities.

8 ASSESSOR QUALIFICATIONS

This report was prepared and reviewed by the undersigned, employees of WSP. WSP is one of North America's leading engineering firms, with more than 50 years of experience in the earth and environmental consulting industry. The qualifications of the assessors involved in the preparation of this report are provided in 0.

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[https://wsponlinecan.sharepoint.com/sites/ca-ch-team-site/shared documents/01_working_files/01_projects/cbm_2023_ca0037598.7018_caledon quarry/03_hcps/18722 main street/ca0037598.701818722 main street hcp_2026.05.11_check.docx](https://wsponlinecan.sharepoint.com/sites/ca-ch-team-site/shared%20documents/01_working_files/01_projects/cbm_2023_ca0037598.7018_caledon%20quarry/03_hcps/18722%20main%20street/ca0037598.701818722%20main%20street%20hcp_2026.05.11_check.docx)

APPENDIX A

**Heritage Impact Assessment
(WSP 2026)**

CBM AGGREGATES

HERITAGE IMPACT ASSESSMENT

18722 MAIN STREET, TOWN OF CALEDON, REGIONAL
MUNICIPALITY OF PEEL, ONTARIO

ORIGINAL REPORT DATE: JULY 28, 2023
UPDATED REPORT DATE: SEPTEMBER 18, 2025
SECOND UPDATED REPORT DATE: FEBRUARY 26, 2026





HERITAGE IMPACT ASSESSMENT

18722 MAIN STREET,
TOWN OF CALEDON,
REGIONAL
MUNICIPALITY OF PEEL,
ONTARIO

CBM AGGREGATES

PROJECT NO.: OCUL2216

ORIGINAL REPORT DATE: JULY 28, 2023

UPDATED REPORT DATE: SEPTEMBER 18, 2025

SECOND UPDATED REPORT DATE: FEBRUARY 26, 2026

WSP

WSP.COM

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July 28, 2023 (Original Report)
September 18, 2025 (Updated Report)
February 26, 2026 (Updated Report)

Date

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Date

¹ Approval of this document is an administrative function indicating readiness for release and does not impart legal liability on to the Approver for any technical content contained herein. Technical accuracy and fit-for-purpose of this content is obtained through the review process. The Approver shall ensure the applicable review process has occurred prior to signing the document.

² Approval of this document is an administrative function indicating readiness for release and does not impart legal liability on to the Approver for any technical content contained herein. Technical accuracy and fit-for-purpose of this content is obtained through the review process. The Approver shall ensure the applicable review process has occurred prior to signing the document.



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WSP

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Karla Barboza, MCIP, RPP, CAHP

ABBREVIATIONS

BHR	Built Heritage Resource
CHER	Cultural Heritage Evaluation Report
CHIS	Cultural Heritage Impact Statement
CHL	Cultural Heritage Landscape
CHVI	Cultural Heritage Value or Interest
HCP	Heritage Conservation Plan
HIA	Heritage Impact Assessment
MCM	Ministry of Citizenship and Multiculturalism
OHA	<i>Ontario Heritage Act</i>
PHP	Provincial Heritage Property
PPS	Provincial Planning Statement
SCHVI	Statement of Cultural Heritage Value or Interest

GLOSSARY

UPDATE No. 1 (September 2025): Note that Glossary definitions relating to the Provincial Planning Statement (originally Provincial Policy Statement 2020, now 2024) have been updated for this Updated Report (2025) to reflect changes in policy since the original HIA submission (2023).

Adjacent lands	Those lands contiguous to a protected heritage property or as otherwise defined in the municipal official plan (PPS 2024).
Built Heritage Resource:	Means a building, structure, monument, installation or any manufactured or constructed part or remnant that contributes to a property's cultural heritage value or interest as identified by a community, including an Indigenous community (PPS 2024).
Conserved:	Means the identification, protection, management and use of built heritage resources, cultural heritage landscapes and archaeological resources in a manner that ensures their cultural heritage value or interest is retained. This may be achieved by the implementation of recommendations set out in a conservation plan, archaeological assessment, and/or heritage impact assessment that has been approved, accepted or adopted by the relevant planning authority and/or decision maker. Mitigative measures and/or alternative development approaches can be included in these plans and assessments (PPS 2024).
Cultural Heritage Landscape:	Means a defined geographical area that may have been modified by human activity and is identified as having cultural heritage value or interest by a community, including an Indigenous community. The area may include features such as buildings, structures, spaces, views, archaeological sites or natural elements that are valued together for their interrelationship, meaning or association (PPS 2024).
Heritage Attributes:	Means, as defined under the Ontario Heritage Act, in relation to real property, and to the buildings and structures on the real property, the attributes of the property, buildings and structures that contribute to their cultural heritage value or interest (PPS 2024).
Protected Heritage Property:	Means property designated under Part IV or VI of the Ontario Heritage Act; property included in an area designated as a heritage conservation district under Part V of the Ontario Heritage Act; property subject to a heritage conservation easement or covenant under Part II or IV of the Ontario Heritage Act; property identified by a provincial ministry or a prescribed public body as a property having cultural heritage value or interest under the Standards and Guidelines for the Conservation of Provincial Heritage Properties; property protected under federal heritage legislation; and UNESCO World Heritage Sites (PPS 2024).
Significant:	Means in regard to cultural heritage and archaeology, resources that have been determined to have cultural heritage value or interest. Processes and criteria for determining cultural heritage value or interest are established by the Province under the authority of the Ontario Heritage Act (PPS 2024).

UPDATES

UPDATE NO. 1 (SEPTEMBER 2025)

This report has been produced to update the original submission made in July 2023. Specifically, updates to the July 2023 report include:

- 1 Revisions made in response to comments received from Heritage Planning staff at the Town of Caledon dated March 18, 2025.*
- 2 Updates made to address new relevant provincial policies and regulatory frameworks.*
- 3 Updates to address changes in the status of the subject property, namely the Town's issuance of a Notice of Intention to Designate (NOID) on March 12, 2024 and the subsequent work and monthly discussions, since June 2024, that have occurred with Heritage Planning staff following the issuance of the NOID.*

UPDATE NO. 2 (FEBRUARY 2026)

This report has been produced to update the submission made in September 2025. Specifically, updates to the September 2025 report include:

- 1 Revisions made in response to comments received from Heritage Planning staff at the Town of Caledon dated December 21, 2025*
- 2 Recommendation #8 has been added to guide heritage conservation recommendations that must be included on the ARA Site Plan Technical Recommendations.*

Where updates have been made, this is indicated with an emphasis box, as modelled here. Editorial updates in response to Town of Caledon comments are identified in Appendix E.



EXECUTIVE SUMMARY

WSP Environment & Infrastructure Canada Limited (WSP) was retained by CBM Aggregates (CBM), a division of St. Marys Cement Inc. (Canada), to complete a Heritage Impact Assessment (HIA) for 18722 Main Street in the Town of Caledon, Regional Municipality of Peel, Ontario (Study Area). The irregular-shaped, 48.5-hectare (120-acre) Study Area is located on the southwest side of Main Street, approximately 645 m northwest of Charleston Sideroad. The Study Area is surrounded by agricultural properties. Within the Study Area is a two-storey red brick Italianate style residence constructed between 1899 and 1905 and a rear addition built in the 20th century. The Town of Caledon issued a Notice of Intention to Designate (NOID) for the Study Area under Part IV of the *Ontario Heritage Act* on March 12, 2024. The Study Area is not identified as a Cultural Heritage Landscape in the Town's Cultural Heritage Landscape Inventory (Scheinman 2009).

CBM proposes to develop a portion of the Study Area as part of the 261.2-hectare CBM Caledon Pit / Quarry site licensed under the *Aggregate Resources Act* and designated or zoned under the *Planning Act* (the Project). A Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment (Cultural Heritage Report) completed for the Project determined that the Study Area may meet the criteria prescribed in Ontario Regulation 9/06 (O. Reg. 9/06, amended through O. Reg. 569/22) of the *Ontario Heritage Act* and recommended an HIA to address the Project's potential impacts to the Study Area's potential heritage attributes (WSP 2022).

The preparation of this HIA was guided by the Town's *Terms of Reference for Heritage Impact Assessment* (Town of Caledon 2019) and Ministry of Citizenship and Multiculturalism (MCM) *Ontario Heritage Tool Kit InfoSheet #5* (2006b) and *Heritage Property Evaluation: A Guide to Listing, Researching, and Evaluating Cultural Heritage Property in Ontario Communities* (2006a). The HIA was also informed by guidance provide in the MCM *Standards & Guidelines for Conservation of Provincial Heritage Properties: Heritage Identification and Evaluation Process* (MCM 2014) and Canada's Historic Places *Standards and Guidelines for the Conservation of Historic Places in Canada* (Canada's Historic Places 2010).

An evaluation of the Study Area determined that the Study Area has CHVI because it meets four criteria prescribed in O. Reg 9/06 of the *Ontario Heritage Act* (1, 2, 7, and 8). The Study Area's CHVI is principally linked to its farmhouse, which has physical value as a well-preserved representative example of an Italianate style farmhouse with a high degree of craftsmanship. The Study Area was also found to have contextual value for its physical and historical connections to its surroundings, and since it is important in defining, maintaining, and supporting the agricultural and rural character of the area.

An impact assessment of the proposed work determined that the Study Area will be subject to both direct and indirect negative impacts. To avoid or reduce these effects, WSP recommends to:

- **Retain the farmhouse, barn, and mature vegetation on site in their original use.**

UPDATE No. 1 (September 2025): *The following recommendations have been updated to respond to comments received from Town of Caledon Heritage Planning staff, regulatory updates, and project progression since the July 2023 submission. In particular, the status of the property's designation process under Part IV of the Ontario Heritage Act, the preparation of a Draft Reference Plan to delineate limits of heritage attributes, and the proposed details and timing of conservation measures have been updated and included to reflect monthly meetings with the Town, ongoing since June 2024, and comments received on the July 2023 submission on March 18, 2025.*

UPDATE No. 2 (February 2026): *As part of the updated report submission, the following recommendations have been revised to address Town comments dated December 21, 2025 and to guide heritage conservation recommendations that must be included on the ARA Site Plan Technical Recommendations.*

To achieve this conservation strategy, the following mitigation measures are recommended:



- 1 The limit of extraction shall be revised as shown on Figure 11 to accommodate the 50 m buffer to protect the heritage attributes of the property from potential adverse impacts as a result from construction related activity. This no-go zone shall be indicated on all project mapping and communicated to project personnel.
- 2 Vibration impacts:
 - a Implement the recommendations of the blast impact assessment (WSP 2022b) to ensure the structural integrity of the farmhouse and barn are maintained.
 - b Vibration from blasting activities will potentially impact the heritage attributes identified for this property. To avoid or reduce the risk of vibrations resulting in adverse impact and ensure the structural integrity of the heritage attributes is maintained, the vibration monitoring protocol developed by a qualified vibration specialist shall be implemented during the activities of the mineral aggregate operation. Should the vibration threshold be exceeded, blasting designs which are affecting the receptors must be reassessed to determine appropriate next steps.
- 3 Fugitive dust impacts:
 - a The application has been designed to meet provincial blasting limits and air quality guidelines. CBM has conducted air quality monitoring in the vicinity of the site. Overall the air quality is consistently below provincial guidelines, taking into account the existing aggregate operations and the existing truck traffic in the area. With the addition of the proposed CBM Caledon Pit / Quarry operations, including emissions from aggregate trucks accessing the site, the air quality is still predicted to be below provincial guidelines at surrounding residences.
 - b Implement the recommendations of the Air Quality Impact Assessment (WSP 2023), Best Management Practices Plan for the Control of Fugitive Dust (WSP 2025a), and Air Quality Monitoring Plan (WSP 2025b).
- 4 Landscape treatments, such as berms or vegetative screens, should be employed and placed between the heritage attributes and the construction/ extraction activities to help dampen any noise or vibration effects.
 - a Position the perimeter berm between the extraction limit and the property boundary to help lessen indirect effects from vibrations or noise.
 - b Construct a swale positioned between the barn and the perimeter berm, setback beyond 3 m from the barn, that extends eastward to the road to alleviate runoff from the perimeter berm and direct drainage away from the barn. As proposed by WSP Engineers and accepted by Town of Caledon Heritage Planners and Engineers (S. Drummond, email communication, January 7 2025), the swale should provide approximately 80 m of length and approximately 1 m of drop for a continuous slope of approximately 1.25%.
- 5 Ensure that the property remains inhabited.
 - a If the property is vacated before the site-specific mitigation measures are implemented, a qualified specialist shall develop a mothball plan for the farmhouse, with a maintenance and inspection schedule, to conserve the structure until further action is implemented.
- 6 Develop a management and maintenance plan to guide the management of the heritage attributes and outline how the heritage attributes of the structure will be protected and maintained during the activities of the mineral aggregate operation. Consider maintenance manuals such as the Province of Manitoba and Canada's Historic Places "[Heritage Building Maintenance Manual](#)". This plan can be presented as a Technical Memorandum.
 - a *It is acknowledged as part of this updated report (February 2026) that, at the Town's request, a Heritage Conservation Plan will be produced in lieu of a Heritage Management and Maintenance Plan.*
- 7 As the evaluation of the farmhouse and its associated parcel determined that the property meets two or more criteria under the *Ontario Heritage Act*, it is eligible for designation under Part IV. Consider designating the farmhouse and a portion of the parcel associated with the heritage attributes under Part IV of the *Ontario Heritage Act*.



a It is acknowledged as part of this updated report (2025) that the Town has issued a NOID for the property and a Draft Reference Plan (R-Plan) has been prepared to guide the limits of the future Part IV Designation (Appendix B).

- 8** Add the following notes to the ARA Site Plan Technical Recommendations to establish required conservation measures for 18722 Main Street that shall be tracked by the Ministry of Natural Resources as part of the CBM Caledon Pit / Quarry site license:

In order to conserve the heritage attributes located at 18722 Main Street the licensee shall:

1. To conserve the farmhouse at 18722 Main Street, the following mitigation measures shall be implemented:
 - a) The limit of extraction shall include a 50 m buffer from the farmhouse and barn to protect the heritage attributes of the property.
 - b) Prior to site preparation, the licensee shall erect fencing at the license boundary to create a 'no-go zone' to reduce the risk of accidental damage from vehicles, heavy equipment operation, or other activities of the mineral aggregate operation.
 - c) Implement the recommendations of the blast impact assessment to ensure the structural integrity of the farmhouse and barn are maintained.
 - d) A berm or vegetative screen shall be placed between the license boundary for 18722 Main Street and the limit of extraction
 - e) The property at 18722 Main Street shall remain inhabited. In the event the property is vacated, a qualified specialist shall develop a mothball plan for the farmhouse, with a maintenance and inspection schedule, to conserve the structure until the property is inhabited again.

Provided that the recommendations contained in this report are implemented, the applicable Ontario Heritage Act, PPS 2024, Aggregate Resources Act, and Regional and Municipal Official Plan policies related to built heritage are satisfied.

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1 INTRODUCTION

1.1 BACKGROUND

WSP Environment & Infrastructure Canada Limited (WSP) was retained by CBM Aggregates (CBM), a division of St. Marys Cement Inc. (Canada), to complete a Heritage Impact Assessment (HIA)³ for 18722 Main Street in the Town of Caledon, Regional Municipality of Peel, Ontario (Study Area) (Figure 1 and Figure 2). The irregular-shaped, 48.5-hectare (120-acre) Study Area is located on the southwest side of Main Street, approximately 645 m northwest of Charleston Sideroad. The Study Area is surrounded by agricultural properties. Within the Study Area is a two-storey red brick Italianate style residence constructed between 1899 and 1905 and a rear addition built in the 20th century. Figure 10 identifies the location of built and landscape features within the Study Area. The Town of Caledon issued a Notice of Intention to Designate (NOID) for the Study Area under Part IV of the *Ontario Heritage Act* on March 12, 2024. The Study Area is not identified as a Cultural Heritage Landscape in the Town's Cultural Heritage Landscape Inventory (Scheinman 2009).

CBM proposes to develop a portion of the Study Area as part of the 261.2-hectare CBM Caledon Pit / Quarry site licensed under the *Aggregate Resources Act* and designated or zoned under the *Planning Act* (the Project). A Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment (Cultural Heritage Report) completed for the Project determined that the Study Area may meet the criteria prescribed in Ontario Regulation 9/06 (O. Reg. 9/06, amended through O. Reg. 569/22) of the *Ontario Heritage Act* and recommended an HIA to address the Project's potential impacts to the Study Area's potential heritage attributes (WSP 2022).

The preparation of this HIA was guided by the Town's *Terms of Reference for Heritage Impact Assessment* (Town of Caledon 2019) and Ministry of Citizenship and Multiculturalism (MCM) *Ontario Heritage Tool Kit InfoSheet #5* (2006b) and *Heritage Property Evaluation: A Guide to Listing, Researching, and Evaluating Cultural Heritage Property in Ontario Communities* (2006a). The HIA was also informed by guidance provide in the MCM *Standards & Guidelines for Conservation of Provincial Heritage Properties: Heritage Identification and Evaluation Process* (MCM 2014) and Canada's *Historic Places Standards and Guidelines for the Conservation of Historic Places in Canada* (Canada's Historic Places 2010).

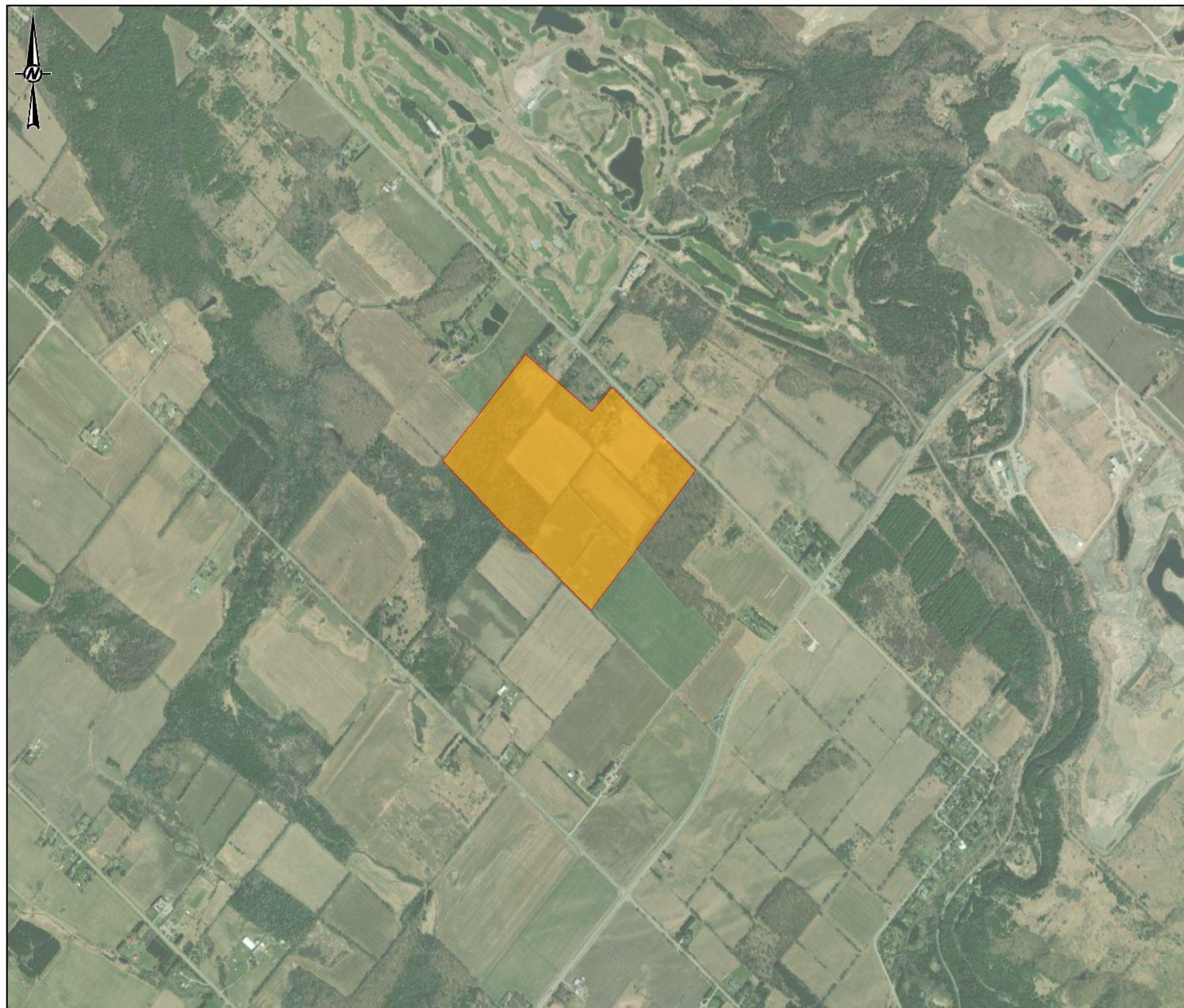
1.2 SCOPE

To complete this HIA, WSP:

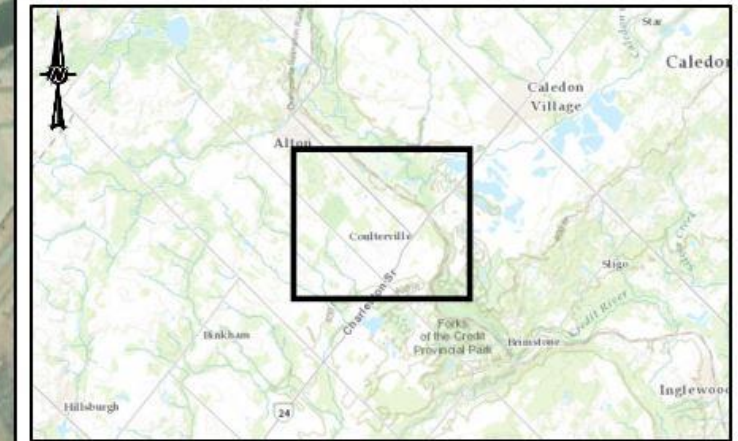
- Undertook background research, including review of primary and secondary written sources and historical maps and aerial imagery, to trace the Study Area's history;
- Collected online data and contacted the Town of Caledon, Ontario Heritage Trust, and the MCM for information on the Study Area, such as its current heritage status;
- Analysed the results of the field investigation conducted for the Cultural Heritage Report to identify the Study Area's existing conditions, built heritage resources, cultural heritage landscape components, and heritage attributes;
- Evaluated the Study Area using the criteria prescribed in O.Reg. 9/06 (amended through O. Reg. 569/22) of the Ontario Heritage Act and drafted a statement of Statement of Cultural Heritage Value or Interest (SCHVI);

³ Although the Town of Caledon Official Plan refers to this type of study as a "Cultural Heritage Impact Statement," the Town's more recent Terms of Reference uses the term "Heritage Impact Assessment."

- Assessed the potential direct and indirect impacts from the Project on the CHVI and heritage attributes of the Study Area;
- Recommended mitigation measures and a conservation strategies to avoid or reduce the negative impacts to the Study Area's CHVI and heritage attributes;
- Updates to the initial report to respond to Town of Caledon planning and heritage staff comments received March 18, 2025; and
- Updates to the September 2025 report to respond to Town of Caledon planning and heritage staff comments dated December 21, 2025.

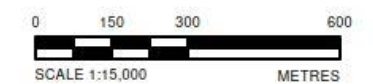


KEY MAP



SCALE 1:200,000

LEGEND

 STUDY AREA

NOTE(S)

1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)

1. CONTAINS INFORMATION LICENSED UNDER THE OPEN GOVERNMENT LICENCE - ONTARIO
2. IMAGERY CREDITS: SOURCES: ESRI, HERE, GARMIN, INTERMAP, INCREMENT P CORP., GEBCO,
USGS, FPO, NAPS, NRCAN, GEOBASE, IGN, KADASTER NL, ORDNANCE SURVEY, ESRI JAPAN, METI,
ESRI CHINA (HONG KONG), C) OPENSTREETMAP CONTRIBUTORS, AND THE GIS USER COMMUNITY
SOURCE: ESRI, MAXAR, EARTHSTAR GEOGRAPHICS, AND THE GIS USER COMMUNITY
3. COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N

CLIENT
CBM AGGREGATES, A DIVISION OF ST. MARYS CEMENT INC.
(CANADA)

PROJECT
CULTURAL HERITAGE IMPACT STATEMENT, 18772 MAIN STREET, TOWN OF
CALEDON, REGIONAL MUNICIPALITY OF PEEL, ONTARIO

TITLE
AERIAL PHOTOGRAPH SHOWING THE LOCATION OF THE STUDY AREA

	CONSULTANT	YYYY-MM-DD	2023-07-31
		DESIGNED	SO
		PREPARED	JJ
		REVIEWED	HS
		APPROVED	HM

PROJECT NO.	CONTROL	REV.	FIGURE
19129150	0051	0	2

2 METHODOLOGY

2.1 REGULATORY REQUIREMENTS

The requirements to consider cultural heritage under the Planning Act process is found in the *Provincial Planning Statement* (PPS) (Government of Ontario 2024) and the *Ontario Heritage Act*, R.S.O. 1990, c. O.18 (Government of Ontario 1990).

2.1.1 AGGREGATE RESOURCES ACT

UPDATE No. 1 (September 2025): Section 2.1.1 was added to reflect changes in policy since the original HIA submission (2023). This update was made in response to Town comment No. 11.

As reflected in the Cultural Heritage Report, the Aggregate Resources of Ontario: Technical Reports and Information Standards (2020) adopted by *Ontario Regulation 244/97* under the *Aggregates Resources Act* states that applications for a Class A licence, Class B licence, or an aggregate permit must include a Cultural Heritage Report consistent with provincial requirements under the *Ontario Heritage Act* and Provincial Planning Statement. The Standards indicate that a screening checklist with supporting documentation is required to evaluate the potential for BHRs and CHLs. Following the checklist, the Standards state that a Cultural Heritage Evaluation Report (CHER) is required for any potential BHRs and/ or CHLs identified, and that the CHER must be prepared by a professional with appropriate experience and expertise. Following the CHER, if the evaluation determines one or more BHRs or CHLs to have CHVI, a Heritage Impact Assessment (HIA) must be completed.

This HIA satisfies the requirements to conduct a CHER and HIA, as per the requirements of the *Aggregate Resources Act*.

2.1.2 PROVINCIAL PLANNING STATEMENT

UPDATE No. 1 (September 2025): Section 2.1.2 was updated to reflect changes in policy since the original HIA submission (2023). This update was made in response to Town comment No. 12.

The *Planning Act* describes planning direction in Ontario. In particular, Section 2 of the *Planning Act* identifies that planning authorities at the municipality should have regard to matters of provincial interest, including the conservation of features of significant architectural, cultural, historical, archaeological or scientific interest.

Similarly, the Provincial Planning Statement (Government of Ontario 2024) prioritizes the long-term conservation of the Province's cultural heritage resources, including built heritage resources, cultural heritage landscapes, and archaeological resources as they provide environmental, economic and social benefits. It is in the provincial interest to protect and utilize these resources effectively over a long term. Section 6.2 states:

- 1 A coordinated, integrated and comprehensive approach should be used when dealing with planning matters within municipalities, across lower, single and/or upper-tier municipal boundaries, and with other orders of government, agencies, boards, and Service Managers including:
 - c managing natural heritage, water, agricultural, mineral, and cultural heritage and archaeological resources;

Section 4.6 also details the conservation of cultural heritage and archaeology through the following five policies:

- 1 Protected heritage property, which may contain built heritage resources or cultural heritage landscapes, shall be conserved.
 - 2 Planning authorities shall not permit development and site alteration on lands containing archaeological resources or areas of archaeological potential unless the significant archaeological resources have been conserved.
 - 3 Planning authorities shall not permit development and site alteration on adjacent lands to protected heritage property unless the heritage attributes of the protected heritage property will be conserved.
 - 4 Planning authorities are encouraged to develop and implement:
 - a archaeological management plans for conserving archaeological resources; and
 - b proactive strategies for conserving significant built heritage resources and cultural heritage landscapes.
 - 5 Planning authorities shall engage early with Indigenous communities and ensure their interests are considered when identifying, protecting and managing archaeological resources, built heritage resources and cultural heritage landscapes.
-

2.1.3 ONTARIO HERITAGE ACT

The *Ontario Heritage Act*, R.S.O. 1990, c. O.18 enables municipalities and the provincial government to protect heritage properties and archaeological sites (Government of Ontario 1990). The *Ontario Heritage Act* includes two regulations for determining Cultural Heritage Value or Interest (CHVI):

- O. Reg. 9/06 (as amended by O. Reg. 569/22) (Government of Ontario 1990) to determine if a property has CHVI at a local level, and
- O. Reg. 10/06 (Government of Ontario 2006) to determine if a property has CHVI of provincial significance.

For this study, O. Reg. 9/06 was used. The criteria for determining CHVI under O. Reg. 9/06 are:

- 1 The property has design or physical value because it is a rare, unique, representative or early example of a style, type, expression, material or construction method,
- 2 The property has design or physical value because it displays a high degree of craftsmanship or artistic merit, or
- 3 The property has design or physical value because it demonstrates a high degree of technical or scientific achievement.
- 4 The property has historical value or associative value because it has direct associations with a theme, event, belief, person, activity, organization or institution that is significant to a community,
- 5 The property has historical value or associative value because it yields, or has the potential to yield, information that contributes to an understanding of a community or culture, or
- 6 The property has historical value or associative value because it demonstrates or reflects the work or ideas of an architect, artist, builder, designer or theorist who is significant to a community.
- 7 The property has contextual value because it is important in defining, maintaining or supporting the character of an area,
- 8 The property has contextual value because it is physically, functionally, visually or historically linked to its surroundings, or
- 9 The property has contextual value because it is a landmark.

(Government of Ontario 1990)

2.1.3.1 BILL 23 AND BILL 200

UPDATE No. 1 (September 2025): Section 2.1.3.1 was added during the updated report (2025) to reflect changes in policy since the original HIA (2023). This update was made in response to Town comment No. 13.

Bill 23 was passed by the provincial government and received Royal Assent on November 28, 2022 (Government of Ontario 2022a). Schedule 6 of Bill 23 amends the *Ontario Heritage Act*, which impacts processes and planning approvals related to listed and designated heritage properties. The amendments came into effect on January 1, 2023,

and all municipalities are required to comply with the changes. Changes to the *Ontario Heritage Act* made through Bill 23 relevant to this project include the following (ERO 2023):

- If a municipality does not issue a Notice of Intention to Designate (NOID) a property listed on the municipal heritage register, then Council is required to remove the property from the heritage register and it cannot be readded for a period of five years.
- A NOID may only be issued for properties that are listed on a municipal heritage register.
- A property must meet two or more criteria of O. Reg. 9/06 to be designated under Part IV of the *Ontario Heritage Act*.
- If a municipality intends to designate a property subject to a development application under the *Planning Act*, a NOID must be issued within 90 days of the receipt of a complete application.

The deadline prescribed in Bill 23 for removing non-designated (i.e. listed) properties from the municipality's register if the council does not issue a NOID on or before January 1, 2025.

Bill 200 was passed by the provincial government and received Royal Assent on June 6, 2024. Schedule 2 amends the *Ontario Heritage Act* and the deadline previously prescribed in Bill 23 for removing non-designated (i.e. listed) properties from the municipality's register if council does not issue a NOID on or before January 1, 2025. Bill 200 (Schedule 2) amends this date to January 1, 2027, providing municipalities with additional time to assess their heritage registers (Government of Ontario 2024). Schedule 2 of Bill 200 also adds new subsections to section 27, which prevent relisting a non-designated property for five years after it is removed from the register.

2.1.4 REGION OF PEEL OFFICIAL PLAN

UPDATE No. 1 (September 2025): Per Ontario Bill 23 (*More Homes Built Faster Act, 2022*) and Bill 185 (*Cutting Red Tape to Build More Homes Act, 2024*), in force as of July 1, 2024, the Region of Peel Official Plan (*June 2024 Consolidation*) constitutes the Official Plan for Peel's lower-tier municipalities (such as the Town).

The Region of Peel Official Plan outlines policies concerning cultural heritage resources and states that the Region:

Encourages and supports conservation of the cultural heritage resources of all peoples whose stories inform the history of Peel. The Region recognizes the significant role of heritage in establishing a shared sense of place, contributing to environmental sustainability and developing the overall quality of life for residents and visitors to Peel. The Region supports the identification, conservation and interpretation of cultural heritage resources, including but not limited to the built heritage resources, structures, archaeological resources, and cultural 3.6 Cultural Heritage Region of Peel Official Plan Chapter 3: Resources Page 111 heritage landscapes (including properties owned by the Region or properties identified in Regional infrastructure projects), according to the criteria and guidelines established by the Province.

(Region of Peel 2022: 110-11)

Objectives and policies relating to the development and protection of cultural heritage are included in Section 3.6 of the Region of Peel Official Plan. Those relevant to this HIA are:

Objectives:

- 3.6.1 To identify, conserve and promote Peel's non-renewable cultural heritage resources, including but not limited to built heritage resources, cultural heritage landscapes and archaeological resources for the well-being of present and future generations.
- 3.6.2 To encourage stewardship of Peel's built heritage resources and cultural heritage landscapes and promote well-designed built form to support a sense of place, help define community character, and contribute to Peel's environmental sustainability goals.

- 3.6.3 To strengthen the relationship between the local municipalities, Indigenous communities and the Region when a matter having inter-municipal cultural heritage significance is involved.
- 3.6.4 To support the heritage policies and programs of the local municipalities.

Policies:

- 3.6.5 Work with the local municipalities, stakeholders and Indigenous communities in developing and implementing official plan policies and strategies for the identification, wise use and management of cultural heritage resources.
- 3.6.6 Direct the local municipalities to include policies in their official plans for the identification, conservation and protection of significant cultural heritage resources, including significant built heritage resources and significant cultural heritage landscapes as required in cooperation with the Region, the conservation authorities, other agencies and Indigenous communities, as appropriate.
- 3.6.8 Require cultural heritage resource impact assessments, where appropriate for infrastructure projects, including Region of Peel projects and ensure that recommended conservation outcomes resulting from the impact assessment are considered.
- 3.6.9 Encourage the local municipalities to consult with the Indigenous communities when commemorating cultural heritage resource and archaeological resources.
- 3.6.10 Require local municipal official plans to include policies where the proponents of development proposals affecting cultural heritage resources provide sufficient documentation to meet provincial requirements and address the Region's objectives with respect to cultural heritage resources.
- 3.6.11 Direct the local municipalities to only permit development and site alteration on adjacent lands to protected heritage property where the proposed property has been evaluated and it has been demonstrated that the heritage attributes of the protected heritage property will be conserved.

(Region of Peel 2022: 111-112)

2.1.5 TOWN OF CALEDON OFFICIAL PLAN

UPDATE No. 1 (September 2025): Town comment 14 suggested review of Future Caledon Official Plan (adopted March 2024 but not yet approved). However, project applications were filed prior to the adoption or approval of Future Caledon. Accordingly, the Project is not subject to this Official Plan and the summary of applicable policies remains the same as the 2023 submission.

The Town outlines the Official Plan as a “a statement of principles, goals, objectives and policies intended to guide future land use, physical development and change, and the effects on the social, economic, and natural environment within the Town of Caledon” (Town of Caledon 2018: 1-3). The policies outlined are “designed to promote public input and involvement in the future of the Town and to maintain and enhance the quality of life for the residents of Caledon” (Town of Caledon 2018: 1-3).

Section 3.3 of the Official Plan is entitled “Cultural Heritage Conservation” and outlines policies for the Town’s heritage resource management strategy. Policies relevant to development and protection of cultural heritage resources are included below.

3.3.3.1.5 Cultural Heritage Impact Statements

- a) Where it is determined that further investigations of cultural heritage resources beyond a Cultural Heritage Survey or Cultural Heritage Planning Statement are required, a Cultural Heritage Impact

Statement may be required. The determination of whether a Cultural Heritage Impact Statement is required will be based on the following:

- i.) the extent and significance of cultural heritage resources identified, including archaeological resources and potential, in the Cultural Heritage Survey or Cultural Heritage Planning Statement and the recommendations of the Cultural Heritage Survey or Cultural Heritage Planning Statement;
 - ii) the potential for adverse impacts on cultural heritage resources; and,
 - iii) the appropriateness of following other approval processes that consider and address impacts on cultural heritage resources.
- b) Where it is determined that a Cultural Heritage Impact Statement should be prepared, the Cultural Heritage Impact Statement shall be undertaken by a qualified professional with expertise in heritage studies and contain the following:
- i) a description of the proposed development;
 - ii) a description of the cultural heritage resource(s) to be affected by the development;
 - iii) a description of the effects upon the cultural heritage resource(s) by the proposed development;
 - iv) a description of the measures necessary to mitigate the adverse effects of the development upon the cultural heritage resource(s); and,

Where a Cultural Heritage Impact Statement is required, the proponent is encouraged to consult with the Town and other relevant agencies concerning the scope of the work to be undertaken.

- v) a description of how the policies and guidance of any relevant Cultural Heritage Planning Statement have been incorporated and satisfied.

3.3.3.1.7 Should a development proposal change significantly in scope or design after completion of an associated Cultural Heritage Survey, Cultural Heritage Planning Statement or Cultural Heritage Impact Statement, additional cultural heritage investigations may be required by the Town.

3.3.3.1.8 Appropriate conservation measures, identified in a Cultural Heritage Planning Statement, Cultural Heritage Survey or Cultural Heritage Impact Statement, may be required as a condition of any development approval. Where the Town has the authority to require development agreements and, where appropriate, the Town may require development agreements respecting the care and conservation of the affected cultural heritage resource. This provision will not apply to cultural heritage resources in so far as these cultural heritage resources are the subject of another agreement respecting the same matters made between the applicant and another level of government or Crown agency.

3.3.3.1.9 Designation

Pursuant to the *Ontario Heritage Act*, Council may by by-law designate cultural heritage resources, including individual properties, conservation districts and landscapes, and archaeological sites.

3.3.3.1.14 Cultural and Natural Landscapes

In its consideration of all development and redevelopment proposals, the Town will have regard for the interrelationship between cultural heritage landscapes and scenic natural landscapes, in accordance with Section 3.2.3.5 of this Plan.

3.3.3.1.15 Vegetation

The Town will encourage the conservation of significant cultural heritage vegetation. Retention of significant cultural heritage vegetation shall be a consideration in the design of any development. The

conservation of significant cultural heritage vegetation along streets and roads shall be encouraged by the Town, except where removal is necessary because of disease, damage or to ensure public health and safety.

3.3.3.3.3 Retention/Relocation of Heritage Buildings

The Town shall encourage the retention of significant built heritage resources in their original locations whenever possible. Before such a building is approved for relocation to another site, all options for on-site retention shall be investigated. The following alternatives, in order of priority, shall be examined prior to approval for relocation:

- a) Retention of the building on-site in its original use. In a residential subdivision, a heritage dwelling could be retained on its own lot for integration into the residential community;
- b) Retention of the building on-site in an adaptive re-use, e.g. in a residential subdivision, a heritage dwelling could be retained for a community centre or a day care centre;
- c) Relocation of the building on the development site. A heritage building, if of significant historical, architectural or contextual importance, could be relocated to another location within the proposed development; and,
- d) Relocation of the building to a sympathetic site. If interest is demonstrated, the heritage building could be relocated to an available lot at a sympathetic site within the Town

(Town of Caledon 2018: 3-32 - 3-38)

Section 5.11.2.4.2 of the Official Plan sets out the requirements for approval of an application for an Official Plan Amendment to designate lands identified as Aggregate Resource Lands. Among the requirements is the following:

- f) The applicant has completed a Cultural Heritage Survey as described by Section 5.11.2.4.12 and, where required, additional cultural heritage studies, such as a Heritage Impact Assessment, or an archaeological assessment and has demonstrated that there will not be any unacceptable impacts;

(Town of Caledon 2018: 5-138)

Section 5.11.2.4.12 further outlines conservation measures which may be applicable:

- b) Cultural heritage resource conservation measures may include, as appropriate, retention and use or adaptive re-use of heritage buildings and structures, incorporation of cultural heritage elements such as fence lines and tree lines where possible, and carrying out appropriate salvage and recording of cultural heritage resources that may be removed as a result of aggregate extraction operations.

(Town of Caledon 2018: 5-141)

2.2 GUIDANCE DOCUMENTS

2.2.1 PROVINCIAL GUIDANCE

The MCM is responsible for the administration of the *Ontario Heritage Act* and has developed checklists, information bulletins, standards and guidelines, and policies to support the conservation of Ontario's cultural heritage resources, including built heritage resources, cultural heritage landscapes, and archaeological sites.

The MCM released the *Ontario Heritage Tool Kit* in 2006, which is a series of guidelines that outline the heritage conservation process in Ontario. Two volumes from the *Ontario Heritage Tool Kit* were used to guide the preparation of this HIA, including:

- *Heritage Property Evaluation: A Guide to Listing, Researching, and Evaluating Cultural Heritage Property in Ontario Communities* (MCM 2006a)

- *Heritage Resources in the Land Use Planning Process, InfoSheet #5, Heritage Impact Assessments and Conservation Plans* (MCM 2006b)

Also used to guide the preparation of this HIA was the MCM *Standards and Guidelines for Conservation of Provincial Heritage Properties: Heritage Identification & Evaluation Process* (MCM 2014), which provides detailed direction on the completion of O. Reg. 9/06 evaluations.

2.2.2 TOWN OF CALEDON HERITAGE IMPACT ASSESSMENT TERMS OF REFERENCE

The Town of Caledon's Terms of Reference for Heritage Impact Assessments (ToR) assists developers and consultants by outlining a set of guidelines that ensures consistent and comprehensive HIAs (Town of Caledon 2019). The ToR details the required components and states that HIAs must adhere to the conservation principles outlined in documents such as the MCM's *Heritage Conservation Principles for Land Use Planning* (MCM 2007), *Eight Guiding Principles in the Conservation of Historic Properties* (MCM 1997), Parks Canada's *Standards and Guidelines for the Conservation of Historic Places in Canada* (CHP S&Gs) (Canada's Historic Places 2010), and Fram's 2003 *Well-Preserved: The Ontario Heritage Foundations Manual of Principles and Practice For Architectural Conservation*.

2.3 BACKGROUND RESEARCH

Background research was carried out to gain a thorough understanding of the historical context of the Study Area. Primary and secondary sources, historical maps, and aerial photographs were consulted, as appropriate, to identify historical themes relevant to the Study Area. Specifically, research regarding the physiography, survey and settlement, and 19th and 20th century land use of the Study Area was completed. A review of historical mapping and aerial photographs was also conducted to identify settlements, structures, and landscape features within, and adjacent to, the Study Area. This included historical maps from 1859 to 1994 and aerial photographs and imagery from 1954 to the present.

The results of the background research are presented in Section 3 of this report.

2.4 INFORMATION GATHERING

The Town of Caledon, Ontario Heritage Trust, and MCM, were contacted by email or telephone to confirm the heritage status of the property and gather background information to inform the heritage evaluation. In addition, cultural heritage input gathered from community consultation sessions and Public Information Centres (PICs) completed as part of the Project have been reviewed by WSP staff and incorporated into this HIA, as appropriate.

The results of the community consultation activities are presented in Section 4.1 of this report.

2.5 FIELD REVIEW

The purpose of the field review was to establish the existing conditions of the Study Area and identify potential heritage attributes in the Study Area. Photographic documentation of the Study Area and its spatial context was completed.

The results of the field review are presented in Section 4.2 of this report.

2.6 CULTURAL HERITAGE EVALUATION

The scope of work for this HIA included an evaluation of the Study Area to determine if it met the criteria for CHVI prescribed in O. Reg. 9/06 of the *Ontario Heritage Act*. The Study Area is considered to have potential CHVI as it is listed on the Town of Caledon's heritage register but not designated under Part IV of the *Ontario Heritage Act*.

The results of the O. Reg. 9/06 evaluation are provided in Section 5 of this report.

2.7 IMPACT ASSESSMENT

An impact assessment is required when a study area evaluated to have CHVI is anticipated to be directly or indirectly affected by a new development. InfoSheet#5 of *Heritage Resources in the Land Use Planning Process: Cultural Heritage and Archaeology Policies of the Ontario Provincial Policy Statement* (MCM 2006b) provides guidance to assess the following direct and indirect impacts that may occur when development is proposed within, or adjacent to, a heritage property:

- Direct Impacts
 - Destruction of any, or part of any, significant heritage attributes or features
 - Alteration that is not sympathetic, or is incompatible, with the historic fabric and appearance
 - Indirect Impacts
 - Shadows created that alter the appearance of a heritage attribute or change the viability of a natural feature or plantings, such as a garden
 - Isolation of a heritage attribute from its surrounding environment, context or significant relationship
 - Direct or indirect obstruction of significant views or vistas within, from, or of built and natural features
 - A change in land use such as rezoning a battlefield from open space to residential use, allowing new development or site alteration to fill in formerly open spaces
 - Land disturbances such as a change in grade that alters soils and drainage patterns that adversely affect an archaeological resource.
-

2.8 MITIGATION MEASURES

When an impact assessment determines that the new development will negatively affect the CHVI and heritage attributes of a study area, mitigation measures are required. MCM InfoSheet#5 presents the following general strategies to minimize or avoid negative impacts to cultural heritage resources:

- Alternative development approaches
- Isolating development and site alteration from significant built and natural features and vistas
- Design guidelines that harmonize mass setback, setting, and materials
- Allowing only compatible infill and additions
- Reversible alterations
- Buffer zones and other planning mechanisms

In addition to the mitigation measures contained in InfoSheet#5, general standards for preservation, rehabilitation, and restoration are found in the *Standards and Guidelines for the Conservation of Historic Places in Canada* (CHP S&Gs) (Canada's Historic Places 2010:22). The CHP S&Gs are widely accepted as the guiding document for

heritage conservation in Canada and contain general conservation standards and guidelines that are specific to cultural heritage resource types such as buildings, engineering works, and cultural heritage landscapes. Where applicable, guidelines from the CHP S&Gs were used in this HIA to recommend mitigation measures that are specific to a resource type.

3 HISTORICAL CONTEXT

3.1 PHYSIOGRAPHY

The Study Area is situated within the Guelph Drumlin Field physiographic region of southern Ontario (Chapman and Putnam 1984). The Guelph Drumlin Field physiographic region occupies approximately 830 km² between the Regional Municipality of Waterloo and the northwest portion of the Region of Peel, and is centred on the City of Guelph. Within the Guelph Drumlin Field are approximately 300 drumlins —oval hills of glacial till— that vary in size and are mostly broad and oval in form. They are more widely dispersed, and have less steep slopes, than drumlin fields elsewhere in Ontario and are composed of loam and chalk originating from the Amabel Formation dolostone exposed along the Niagara Escarpment and red shale found below the Escarpment (Chapman and Putnam 1984:137).

The Study Area is located within a spillway or glacial meltwater channel within the Guelph Drumlin Field. Spillways are typically broad troughs floored wholly or in part by gravel beds and in the lowest beds are typically vegetated by cedar swamps. These formations are frequently found in association with moraines but are entrenched rather than elevated landforms. They are often occupied by stream courses, which raises the debate of their glacial origin (Chapman and Putnam 1984).

The Study Area is also within the Mixed-wood Plains ecozone of Ontario (Ecological Framework of Canada 2015). Although altered by human activity in the 19th century, this ecozone once supported a wide variety of deciduous trees, such as various species of ash, birch, chestnut, hickory, oak, and walnut, as well as a variety of birds and small to large land mammals, such as raccoon, red fox, white tailed deer, and black bear.

Finally, the Study Area is within the Credit River Watershed, which spans 1,000 km² and drains into Lake Ontario at Port Credit on the Mississauga waterfront (Credit Valley Conservation 2022). The Credit River flows south approximately 900 m east of the Study Area.

3.2 INDIGENOUS LAND USE

Indigenous peoples have lived in Ontario for thousands of years. The following only briefly summarizes this long and complex human history but aims to illustrate the major developments in Indigenous life as revealed through oral history, archaeology, and ethnohistory. In this summary, “culture” —the term archaeologists use to describe a shared material culture that identifies a time period or group— is substituted with “way of life” to reflect the direct Indigenous lineage from those living in the earliest periods to the present day (Julien *et al.* 2010).

The earliest archaeological remnants of Indigenous life in southern Ontario date to the end of the Wisconsin Glacial Period, approximately 11,000 years ago. These were left by people following what archeologists refer to as the Paleo way of life, with small, highly mobile groups taking advantage of seasonally available resources and following the migration patterns of large mammals, including now extinct megafauna.

As the climate changed and people following a Paleo way of life grew familiar with their surroundings, they developed local adaptations around 9,500 years ago known as the Archaic or Pre-ceramic way of life. Seasonal mobility continued, but more emphasis was placed on adapting to smaller territories and broadening the resource base. The archaeological record suggests that in general the social structures of Archaic people became increasingly complex, with Late Archaic archaeological sites showing evidence of exchange networks stretching as far away as the Mid-Atlantic as well as defined cemeteries with individuals buried with varied grave goods, possibly indicating a stratified society (Ellis and Ferris 1990).

The transition from an Archaic to Woodland way of life is marked by the introduction of pottery around 2,400 years ago. Despite its advantages for storing and cooking food, pottery appears to have had little impact on the hunter-gatherer way of life that had developed in the Late Archaic, though does suggest that people were consuming more plants, such as nuts, in their diet. Cemeteries dating to the Early Woodland sometimes involved constructing large

earthen mounds and interring items that had been acquired through exchange networks extending hundreds of kilometres in all directions. These elaborate burials, as well as finely made ground stone and chert objects, point to a sophisticated system of beliefs and ceremonies that may have been influenced by the Hopewell people of southern Ohio and Illinois. Hunter-gathering continued as the primary economy among some groups, while others in the Middle Woodland between 1,600 and 1,500 years ago were beginning to live in sedentary communities, a trend that continues into the Late Woodland Period (A.D. 500–900), when there is the earliest direct evidence for agriculture.

From the Late Woodland to contact with Europeans in the 16th century, southern Ontario was a culturally dynamic area, populated by distinct Nadowek (Iroquoian) and Anishinaabeg (Algonkian) groups (Englebrecht 2003; Trigger 2000; Schmalz 1991). Nadowek life increasingly revolved around growing maize and other crops such as beans, squash, sunflower, and tobacco, while people ancestral to the Anishinaabe following the Western Basin way of life were more mobile, moving with seasonally available resources. However, at the borderlands of the Nadowek and Western Basin were agricultural communities living in small, palisaded villages with a mix of small and large houses, and who were both farming and seasonally mobile.

Beginning in the 17th century, the British colonial government and later the Government of Canada negotiated a series of treaties with Ontario's Indigenous Nations. For both the Crown and Indigenous Nations, these treaties were intended as formal binding agreements setting out the rights, responsibilities and relationships between the Nations and the federal and provincial governments (Government of Ontario 2022b, Talking Treaties Collective 2022:18).

After defeating the French in the Seven Years' War (1756–1763) the British opened negotiations with numerous Indigenous groups in an attempt to solidify their influence and alliances over the territory that would become Canada. In 1763, the British Crown issued the Royal Proclamation, which was designed to prevent further unofficial incursions and land transactions in Indigenous-controlled territory (Talking Treaties Collective 2022:78). To ratify the Proclamation with Nations living in the Great Lakes Region, British colonial official Sir John Johnson convened a Treaty Council with twenty-four Nations at Fort Niagara in 1764. After a month of negotiations, the Nations agreed to a “grand peace and alliance” with the Crown, one that extended the 1667 Covenant Chain agreement between the Haudenosaunee and British to the Western Alliance Nations including the Anishinaabeg and Nadowek Wyandot (Talking Treaties Collective 2022:79-86). The 1764 Treaty of Niagara was visually represented in the 1764 Great Covenant Chain Wampum Belt and the 24 Nations Wampum Belt, which were to serve as a record that any future agreements between the Nations and Crown must be negotiated through Treaty and as equals (Talking Treaties Collective 2022:86-87).

The Study Area is located on the territory of Treaty 19, also known as the Ajetance Purchase, an agreement signed on 28 October 1818 between representatives of the Credit River Mississauga, led by Chief Ajetance, and William Claus, Superintendent of the British colonial Indian Department. In exchange for approximately 648,000 acres within the present-day Regions of Halton and Peel, the Mississaugas were to be paid £522, 10 shillings in goods annually and retain access to their land along the Credit River and their three reserves at the mouths of the Credit River, Sixteen Mile Creek and Twelve Mile Creek (Surtees 1984:77-78). While some have interpreted Ajetance's agreement to the Treaty 13 terms as the result of his weakened negotiating position, others have noted how he likely anticipated the British would press for further treaties, so fought to retain the strategic location of the river mouth reserves (Surtees 1984:78).

To recognize and honour the municipality's Indigenous heritage and land rights, the Town of Caledon, in consultation with the Mississaugas of the Credit First Nation, has developed the following land acknowledgement:

Indigenous Peoples have unique and enduring relationships with the land.

Indigenous Peoples have lived on and cared for this land throughout the ages. We acknowledge this and we recognize the significance of the land on which we gather and call home.

We acknowledge the traditional Territory of the Huron-Wendat and Haudenosaunee Peoples, and the Anishnabek of the Williams Treaties.

This land is part of the Treaty Lands and Territory of the Mississaugas of the Credit First Nation.

We honour and respect Indigenous heritage and the long-lasting history of the land and strive to protect the land, water, plants and animals that have inhabited this land for the generations yet to come.

3.3 TOWNSHIP SURVEY AND SETTLEMENT

During the British colonial period, the Study Area was within Lot 17, Concession 4, West of Hurontario Street (W.H.S.), in the Geographic Township of Caledon, Peel County.

3.3.1 PEEL COUNTY

In 1788, the colonial government of British North America began dividing Ontario into districts and counties. The Study Area was originally within the district of Nassau, renamed the Home District in 1792, which included the lands at the northwest portion of Lake Ontario and the Niagara Peninsula (Armstrong 1985, Archives of Ontario 2022). The Home District's administrative centre was Newark, now Niagara-on-the-Lake. Each district was further subdivided into counties and townships but by 1852, the district system was abandoned, leaving governance to the counties, townships, and cities and towns (Archives of Ontario 2022). The former Home District became the United Counties of York, Ontario, and Peel; after Ontario separated to form its own administration in 1854, Peel officially separated from York in 1867 (Armstrong 1985, PAMA⁴ n.d.).

Peel County was named for Sir Robert Peel, a British politician who had previously served as the Home Secretary and Prime Minister of Great Britain. In 1974, the Region of Peel replaced Peel County as an upper-tier municipality (PAMA n.d.).

3.3.2 TOWN OF CALEDON AND THE FORMER TOWNSHIP OF CALEDON

Caledon Township was surveyed in 1819-1820 with concession lines running northwards from Lake Ontario and side roads intersecting the concessions from east to west (Walker and Miles 1877). Caledon Township is between Erin Township and Albion Township, all referencing the Latin names of Scotland, Ireland, and England – Caledonia, Eire, and Albion, respectively (Gardiner 1899). The principal roadway through Caledon Township was Hurontario Street, which stretched from Lake Huron south to Lake Ontario. Hurontario Street formed the baseline for six concessions extending from both sides of the street. These concessions are identified as West of Hurontario Street (W.H.S.) and East of Hurontario Street (E.H.S.).

Early colonial settlement in the township was by Scots, Irish, and United Empire Loyalists (Mika and Mika 1977), who established some of the first communities at Alton, Cataract, Charleston, Belfountain, and Silver Creek. Woolen and gristmills, combined with the arrival of the Credit Valley Railway and Toronto, Grey, and Bruce Railway in the 1870s, brought economic prosperity to the township and supported its many agricultural industries. Railway connections to the urban markets at Guelph, Orangeville, and Toronto from the late 19th to early 20th century further enabled large-scale farming in Caledon Township (PAMA 2023).

On January 1, 1974, Caledon Township amalgamated with the north half of Chinguacousy Township, the Village of Bolton, the Village of Caledon East, and the Township of Albion to become the new Town of Caledon – a lower tier municipality within the upper tier Peel Region (Mika and Mika 1977).

⁴ As part of the updated report, it was noted that the Region of Peel Archives has separated from the Peel Art Gallery, Museum and Archives (PAMA). As of April 2025, PAMA's website still indicates that the Region of Peel Archives at PAMA is the official archives of the Region of Peel and its constituent municipalities of Mississauga, Brampton and Caledon.

3.4 STUDY AREA HISTORY

3.4.1 LAND USE HISTORY

Land registry data for the Study Area was accessed from the Ontario Land Property Records Portal and is reproduced in Table 1. Available census data, tax assessment rolls, and other archival material was also reviewed.

Table 1: Land Registry Data for the Study Area (Part of Lot 17, Concession 4, W.H.S., Caledon Township, Peel County)

INSTRUMENT	DATE	GRANTOR	GRANTEE	QUANTITY OF LAND
Patent	September 1832	Crown	John J. Brown	200 acres
Bargain & Sale	May 1846	John Johnson Brown & Spouse	Duncan Cameron	200 acres
Bargain & Sale	December 1903	Peter McGill & James Long, Executor of Duncan Cameron, Deceased	James A. Cameron	Northeast ½
*note that records between 1903 and 1949 were not available from the Land Registry Office. The lands within the study area (designated as the 'Northeast ½' in the land registry records) appear to have been transferred to James B. Cameron during this time.				
Grant	December 1949	James B. Cameron, Marion K. MacPherson	Elgin L. Cameron	Northeast ½
Grant	January 1975	Elgin L. Cameron	James K. MacPherson and Marcia E. MacPherson as joint tenants	Part Northeast ½
Transfer	August 1997	Elgin Lloyd Cameron, Estate	810676 Ontario Limited In Trust	Part of Northeast ½ (limits of present-day Study Area)
Notice	November 2019	n/a	St Mary's Cement	Study Area

The larger parcel on which the Study Area is situated —Lot 17, Concession 4, W.H.S., Township of Caledon, Peel County— was granted through Crown patent to John Johnson Brown in 1822 as a United Empire Loyalist (U.E.L.) land grant (Ontario Land Registry, n.d.(a), 308). John J. Brown was one of five children —four sons and one daughter— of Joseph Brown, a U.E.L. who had served in Butler's Rangers during the American War of Independence and moved to Grantham Township, Lincoln County, Canada in 1784. All five of Joseph's children located their U.E.L. grants in the west half of Caledon Township and were among the pioneers of the township (PAMA n.d., Reel 08, 0691). The land was originally wooded with maple, elm, beech, and bass, and the soil was a black loam (PAMA n.d., Reel 08, 0663).

John J. and his wife ("Miss MacDonald") sold Lot 17 to Duncan Cameron for \$150 in May 1846 (Ontario Land Registry, n.d.[a], 308). Born in 1816, Duncan arrived in Canada from Scotland with his parents John and Helen Cameron, his five brothers, and two sisters, in 1828. Another brother, David, had died on the journey across the Atlantic (PAMA, n.d., 8509). The family settled at Lot 16, Concession 4 W.H.S. in 1836. When Duncan purchased the adjacent Lot 17 in 1846, he was about 30 years old.

Tremaine's 1859 map of the County of Peel shows Duncan Cameron as owner of the entire 200 acres of Lot 17, and depicts a house located near the south-southwest corner of the property, set back from both the concession and adjacent Lot 16 (Tremaine 1859, Figure 2). The 1861 Census list Duncan (then age 45) living with his wife Catherine Cameron (née Shaw, 32), seven daughters (ages 4 to 15), and Catherine Shaw (75) possibly his mother-in-law (1861 Personal Census, District 6, Caledon, 80). The Agricultural Census of the same years recorded Duncan as owning 200 acres, of which 130 were cultivated, 100 being crop (41 acres of wheat, 5 acres of peas, 12 acres of oats, 1 acre of potatoes, 1 acre of turnips), and 30 pasture; the farm had a total value of \$5,500 (1861 Agricultural Census, District 6, Caledon, 85).

The 1871 Census provides additional details about the Cameron family. They are described as Baptists and by then Duncan (54) and Catherine (44) had expanded their family to 10 children: Helen (25), Katie (22), Mary (20), Maggie (18), Sarah (16), Flora (14), Duncan (9), James (7), and Marjory (4) (1871 Census, Schedule 1, Cardwell 40/A, Caledon No.4, 43). Along with Lot 17, Duncan Cameron was owner of two town building lots, and two houses (ibid., Schedule 3, 8). The farmland appears to have remained the same with 200 acres, 130 improved (30 acres of wheat, 1 acre of potatoes, 25 acres of hay), 25 acres of pasture, 1 ½ orchard (ibid., Schedule 4, 8). Other assets and products of the farm included four horses, one colts or filly, eight milch cows, 14 other horned cattle, 60 sheep, 10 swine, six beehives and yearly production of 600 pounds of butter, 100 pounds cheese, 35 pounds honey, and 200 pounds wool (ibid., Schedule 5, 8).

The 1877 Historical Atlas map shows Duncan Cameron as owner of the whole 200 acres of Lot 17, with a house located on the southwest half of the property (Walker and Miles 1877, Figure 2). The orchards on the property are shown to the east of the house. A June 1898 article in the Orangeville Banner reports the death of a young man, Joseph Flaherty, at a barn raising on the property of a Duncan Cameron, three miles south of Alton, which is surely Lot 17 (PAMA n.d., 8482).

The 1891 census indicates that the Cameron's daughters had been wed by this time. The census enumerates Duncan (73), Catherine (63), Duncan A. (28), and James A. (26), indicating that the family was still living together in the house at the south half of the Lot, present day 18667 Mississauga Road (1891 Census, Schedule 1, Cardwell 54, Caledon, 3). Soon after, in 1899, James A. married Annie Elizabeth Coulter and in 1903 Duncan A. married Mildred Irene Coulter.

Duncan Cameron remained the owner of Lot 17 until his death in 1902; his will was entered into land registry on October 15 of that year. Execution of Cameron's will divide the acreage of Lot 17 equally between his two sons, with the southwest half, including the original house, going to the elder son Duncan A. and the northeast half (containing the Study Area) to the younger son James A. (Ontario Land Registry n.d.[b], 433).

The 1911 census enumerates James A. (46), his wife Annie (39), their children 'Floyd' (presumably Elgin Lloyd, 9) and Marion (1), and a servant Hilda Hailey (16) (1911 Census, Schedule 1, Peel 104, Sub-district 4, Caledon Township, 5).

James A. Cameron died in 1920 (Find a Grave 2019). The 1921 census enumerates his wife Annie (51) as the head of the household, Lloyd (Elgin Lloyd, 19), Marion (11), and Bruce (James Bruce, 9) living in a brick house with 6 rooms (1921 Census, Schedule 1, Peel 115, Sub-district 13, Caledon 7, 2).

Land registry records for Lot 17 are missing between 1903 and 1949 but during this time, both the study area and the property to the southwest (present day 18667 Mississauga Road, owned by James A. Cameron's brother, Duncan), are passed to James' son, James Bruce Cameron, who is identified in the land registry records as both James B. Cameron and Bruce Cameron. James B. Cameron chose to reside at 18667 Mississauga Road and passed the subject property to his older brother, Elgin Lloyd Cameron, in 1949.

Elgin went on to sever approximately 12 acres at the north corner of the Lot in 1975, with the remnant parcel creating the current boundaries of the Study Area. The property was put into a corporate trust in 1997, after the death of Elgin Lloyd Cameron before being transferred to St. Marys Cement, the current owners.

3.4.2 20TH- AND 21ST-CENTURY MAPPING AND AERIAL IMAGERY

Mapping and aerial photography from the 20th to 21st century indicates that the Study Area and surrounding area continued in its 19th-century rural agricultural land use. Only minor change occurred within the Study Area as outbuildings were constructed and demolished. Table 2 provides a summary of the available maps and aerial photographs and these sources are illustrated in Figure 3 to Figure 9.

Table 2: Review of 20th Century Historical Mapping

YEAR	SOURCE	HISTORICAL FEATURE(S)
1937 (Figure 5)	1937 Topographic Map of Ontario, <i>Orangeville Sheet</i> (Department of National Defence 1937)	A house and barn are illustrated matching the configuration of the extant structures.
1952 (Figure 6)	1952 Topographic Map of Ontario, <i>Orangeville Sheet</i> (Department of National Defence 1952)	Structures on the property are shown in the same configuration as the 1937 mapping.
1954 (Figure 7)	1954 Aerial photograph 437.801 (Hunting Survey Corporation Limited 1954)	- The arrangement of the building complex, agricultural fields, tree stands, and vegetative boundaries are visible in the same configuration as present-day. - The surrounding lands are primarily agricultural in nature. - Treelines visible along Main Street and lining the driveway. - Details of the farmhouse and surrounding structures could not be identified.
1973 (Figure 8)	1973 Topographic Map of Ontario, <i>Orangeville Sheet</i> (Department of Energy, Mines and Resources 1973)	- Structures on the property are shown in the same configuration as the 1937 mapping. - A small pond is illustrated at the rear (southeast) of the barn.
1985 (Plate 1 and Plate 2)	Town of Caledon 1985a and 1985b	- Building complex has the same configuration as earlier mapping (Plate 1) - Route along field edges visible that links 18722 Main Street with 18667 Mississauga Road (Plate 2). This route is also visible in a painting based on an earlier 1950s photograph of the adjacent property at 18667 Mississauga Road (Plate 3) and an aerial photograph dated to the 1970s (Plate 4).
1994 (Figure 9)	1994 National Topographic System, <i>Orangeville Sheet</i> (Department of Energy, Mines and Resources 1994)	Building complex shown in the same configuration as earlier mapping.
1996 (Plate 5)	Town of Caledon 1996	Route along field edges linking 18722 Main Street with 18667 Mississauga Road is now overgrown and not in use.
2001-2022	Online Google Earth Aerial Imagery	The configuration of the Study Area is little changed from the 1954 aerial photograph.

3.4.3 SUMMARY OF PROPERTY HISTORY

Historic mapping, land registry data, and census data indicate that the extant house in the Study Area was constructed for James A. Cameron between 1891 and 1921. This date can likely be further refined to between 1899 and 1905. James' marriage to Annie in 1899 and the birth of their first child, Elgin Lloyd, in 1902, was likely a catalyst for the couple planning a new home and even though the subject property wasn't officially divided and passed to James until the death of his father in 1902, it is likely that plans were made or even construction on the

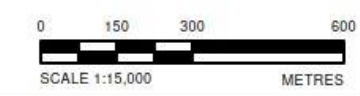
house underway by this point. However, it may also have been built as late as 1905, when James and Annie's second child was born.⁵

By the 1930s, one barn had been established on the property and vegetative hedgerows or treelines delineated the agricultural fields. This arrangement persisted into the 21st century and is still seen today.

⁵ Elma Jean Cameron was born in 1905 and died shortly after, in 1906.



SCALE 1:200,000



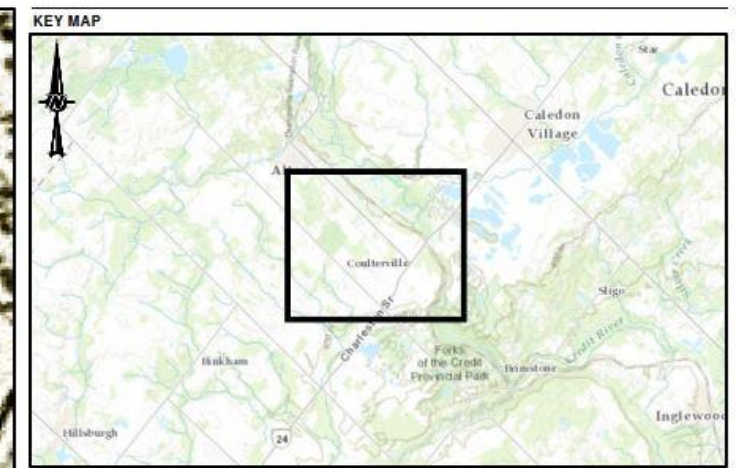
REFERENCE(S)

1. 1859 TREMAINE'S MAP OF THE COUNTY OF PEEL, CANADA WEST, GEO. R. TREMAINE, TORONTO, PUBLISHED BY C.R. & G. M. TREMAINE, 1859.
2. COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N

PROJECT
CULTURAL HERITAGE IMPACT STATEMENT, 18772 MAIN STREET, TOWN OF
CALEDON, REGIONAL MUNICIPALITY OF PEEL, ONTARIO

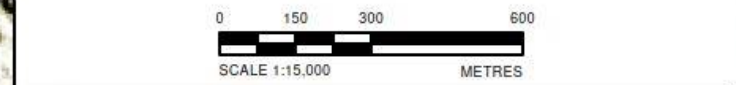
CONSULTANT	YYYY-MM-DD	2023-07-31
	DESIGNED	SO
	PREPARED	JJ
	REVIEWED	HS
	APPROVED	HM

PROJECT NO.	CONTROL	REV.	FIGURE
19129150	0051	0	3



LEGEND

STUDY AREA



NOTE(S)

1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)

1. 1859 TREMAINE'S MAP OF THE COUNTY OF PEEL, CANADA WEST, GEO. R. TREMAINE, TORONTO, PUBLISHED BY C.R. & G. M. TREMAINE, 1859.
2. COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N

CLIENT

CBM AGGREGATES, A DIVISION OF ST. MARYS CEMENT INC. (CANADA)

PROJECT

CULTURAL HERITAGE IMPACT STATEMENT, 18772 MAIN STREET, TOWN OF CALEDON, REGIONAL MUNICIPALITY OF PEEL, ONTARIO

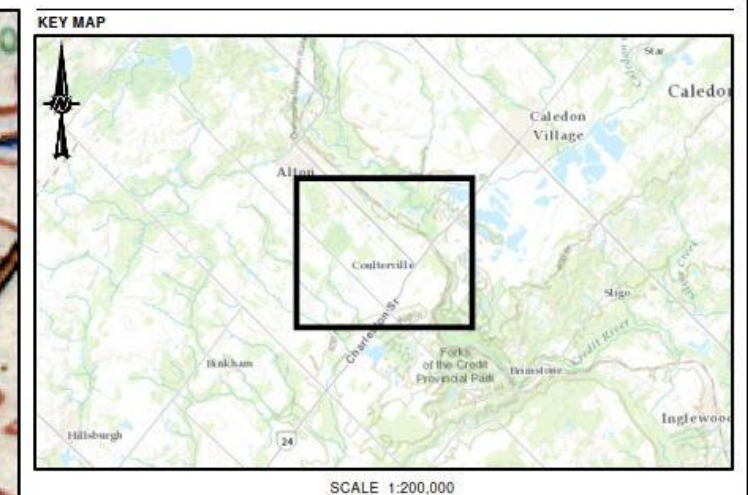
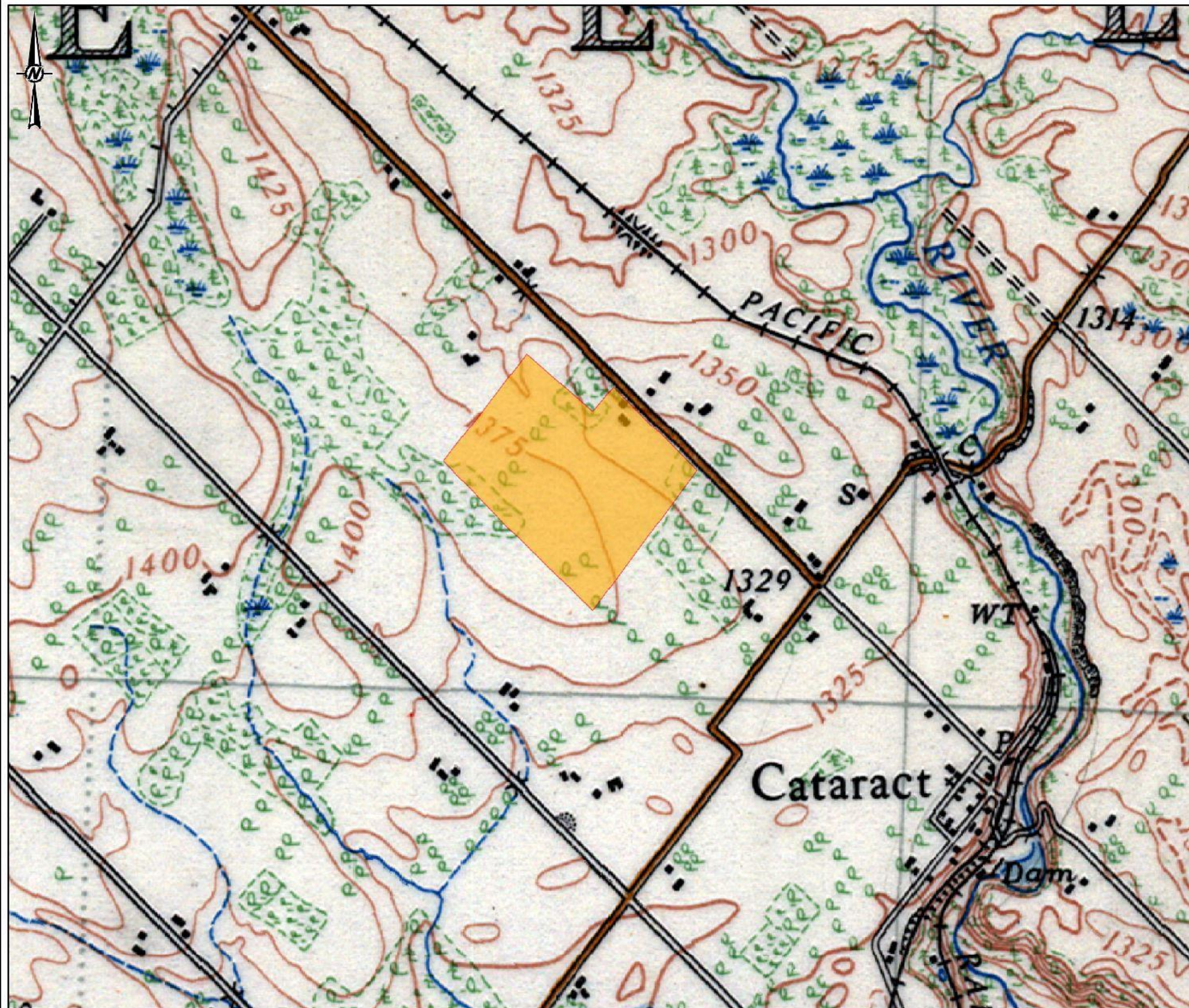
TITLE

1877 HISTORICAL MAP

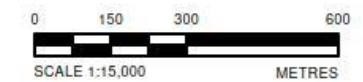
CONSULTANT	YYYY-MM-DD	2023-07-31
DESIGNED	SO	
PREPARED	JJ	
REVIEWED	HS	
APPROVED	HM	

PROJECT NO.	CONTROL	REV.	FIGURE
19129150	0051	0	4





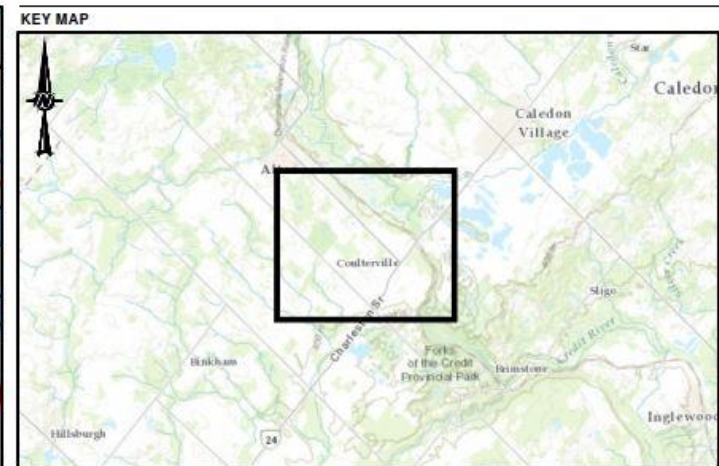
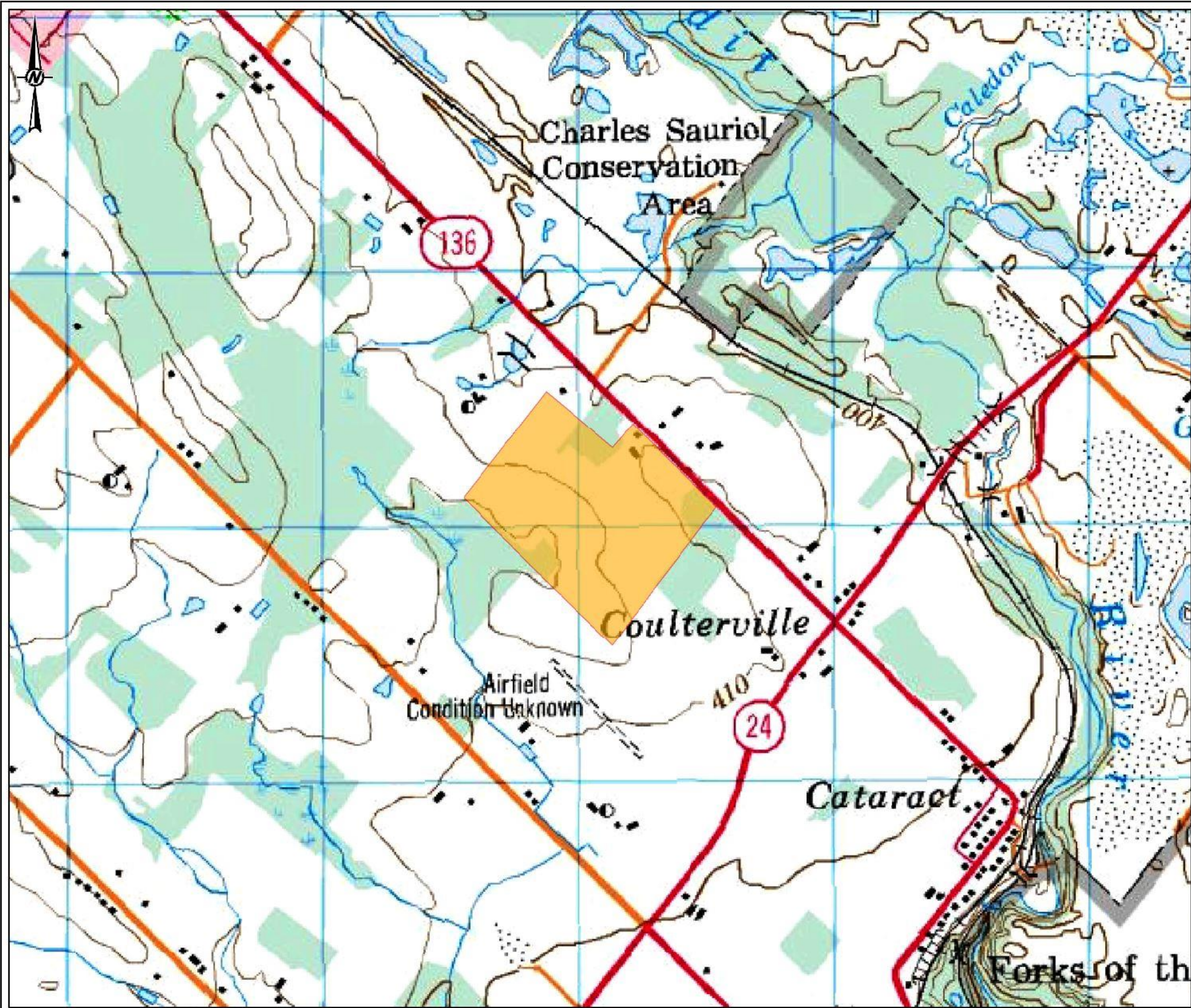
LEGEND



CLIENT
CBM AGGREGATES, A DIVISION OF ST. MARYS CEMENT INC.
(CANADA)

TITLE
1937 HISTORICAL MAP

PROJECT NO.	CONTROL	REV.	FIGURE
19129150	0051	0	5



LEGEND
STUDY AREA



NOTE(S)
1. ALL LOCATIONS ARE APPROXIMATE

REFERENCE(S)
1. 1859 TREMAINE'S MAP OF THE COUNTY OF PEEL, CANADA WEST, GEO. R. TREMAINE, TORONTO, PUBLISHED BY C.R. & G. M. TREMAINE, 1859.
2. COORDINATE SYSTEM: NAD 1983 UTM ZONE 17N

CLIENT
CBM AGGREGATES, A DIVISION OF ST. MARYS CEMENT INC. (CANADA)

PROJECT
CULTURAL HERITAGE IMPACT STATEMENT, 18772 MAIN STREET, TOWN OF CALEDON, REGIONAL MUNICIPALITY OF PEEL, ONTARIO

TITLE
1994 HISTORICAL MAP

CONSULTANT	YYYY-MM-DD	2023-07-31
	DESIGNED	SO
	PREPARED	JJ
	REVIEWED	HS
	APPROVED	HM

PROJECT NO. 19129150 CONTROL 0051 REV. 0 FIGURE 9



Plate 1: 1985 aerial photograph showing the farm complex



Plate 2: 1985 aerial photograph showing path between 18722 Main St and 18667 Mississauga Road (outlined in red)



Plate 3: 1985 painting of the farm at 18667 Mississauga Road, based on an earlier 1950s photograph, showing the path between 18722 Main St and 18667 Mississauga Road, outlined in red (provided by the tenant living at 18667 Mississauga Road)

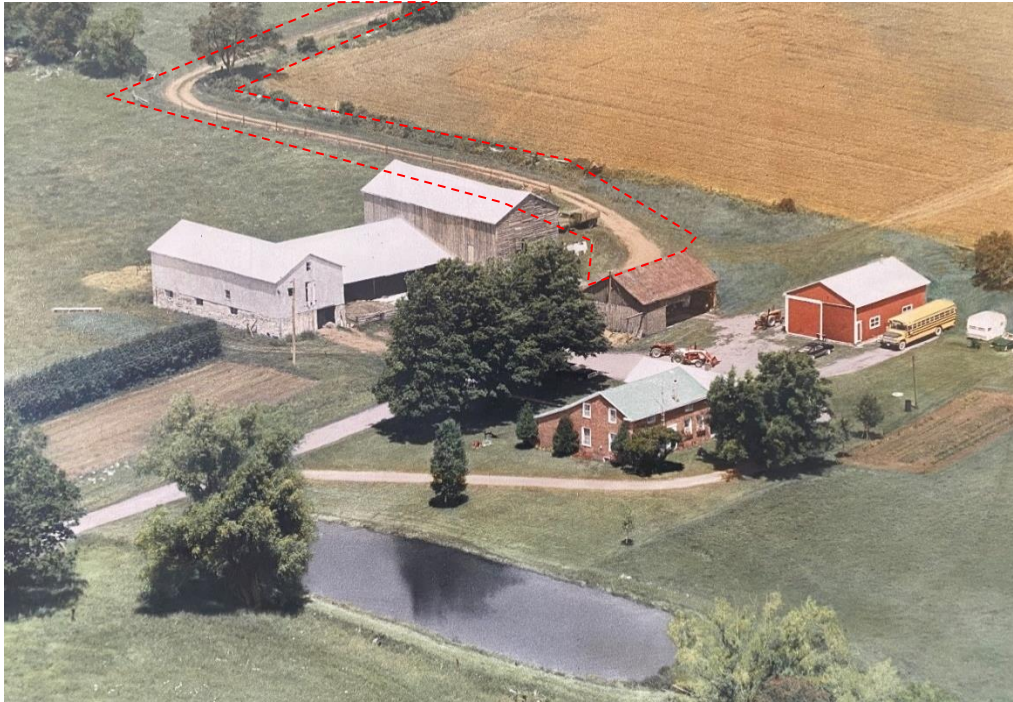


Plate 4: Oblique aerial photograph of 18667 Mississauga Road dating to the early 1970s, showing the well used path between 18722 Main St and 18667 Mississauga Road, outlined in red (provided by the tenant living at 18667 Mississauga Road)



Plate 5: 1996 aerial photograph showing overgrown path between 18722 Main St and 18667 Mississauga Road (outlined in red)

4 EXISTING CONDITIONS

4.1 INFORMATION GATHERING

The Town of Caledon, Ontario Heritage Trust, and the MCM were consulted on March 27, 2023 to gather information on the Study Area.

Cassandra Jasinski, Heritage Planner at the Town of Caledon, confirmed receipt of the request on March 31, 2023 and indicated that she would provide materials they have on file.

Kevin Baksh, Acting Provincial Heritage Registrar at the Ontario Heritage Trust, confirmed on April 11, 2023 that the Trust does not have any additional information, background documents, or previous reports relating to the Study Area.

Karla Barboza, Team Lead of the Heritage Planning Unit at the MCM, confirmed on March 31, 2023 that the no properties have been designated by the Minister within the Study Area and that there are no provincial heritage properties within or adjacent to the Study Area.

UPDATE No. 1 (September 2025): This HIA has been updated to address comments received on March 18, 2025. Additionally, since June 2024, WSP has been meeting with the Town monthly. As a result of the March 18th comments and these monthly meetings, the Town has shared archival photographs and resources pertaining to the property. Further discussions from these meetings centred around the designation of the property under Part IV of the Ontario Heritage Act, the potential need for a Heritage Easement Agreement, and the details and timing of proposed conservation measures. The updates made to this report as a result of these meetings can be found in Section **Error! Reference source not found.** and Section **Error! Reference source not found.**

4.2 FIELD REVIEW RESULTS

A field review of the Study Area as part of the Cultural Heritage Report (WSP 2022) was undertaken on November 16, 2022, by WSP Cultural Heritage Specialist Chelsea Dickenson and Cultural Heritage Technician Robert Pinchin. Weather conditions during the field review were sunny with seasonally cool temperatures. The property inspection (Section 4.2) and heritage evaluation (Section 5) are based on an exterior assessment of the property.

4.2.1 LOCATION CONTEXT

The Study Area is situated on the southwest side of Main Street, approximately 625 metres northwest of Charleston Sideroad. The surrounding area is generally agricultural and residential, and the broader area has aggregate extraction locations.

The properties on all sides of the Study Area are rural agricultural and the adjacent properties at 18667 Mississauga Road, 18501 Mississauga Road, and 1420 Charleston Sideroad are listed on the Town's heritage register (Plate 6 to Plate 8). Historically, these properties were all granted to and owned by various members of the Cameron family in the 19th century.



Plate 6: Farmscape at 18501 Mississauga Road



Plate 7: Farmhouse at 18667 Mississauga Road



Plate 8: Farmhouse at 1420 Charleston Sideroad

4.2.2 LANDSCAPE CONTEXT

The approximately 120-acre Study Area features a farmhouse, tree-lined driveway, barn, driveshed, agricultural fields, and woodlot (Figure 10).

The farmhouse is accessed from Main Street by a long gravel driveway, which leads to the centre of the building complex (Plate 9 and Plate 10). The southeast side of the driveway is lined by four mature trees. A second stand of mature trees is on the northwest side of the residence. Circulation routes link the building complex with the surrounding agricultural fields, extending from the driveway and south past the barn to the agricultural fields as well as leading from the driveway, around the rear of the outbuilding and residence, and north towards Main Street (Plate 11). The path between 18722 Main St and 18667 Mississauga Road, visible in aerial photos as early as 1954 (see Figure 7, Plate 2 to Plate 5), is overgrown and no longer in use or visible.

The property also includes agricultural fields, delineated by hedgerows, treelines, and fences, and approximately 43.5 acres of woodlot occupying the east and west portions of the Study Area. This combination of agricultural fields and woodlot is typical of southwestern Ontario farmland and does not have unique attributes. A small tributary of the Credit River traverses the property.



Plate 9: View up the driveway towards house, facing southwest



Plate 10: View from Main Street, looking west, across the driveway towards the barn and farmhouse



Plate 11: Circulation route leading from the building complex to the agricultural fields

4.2.3 FARMHOUSE

The farmhouse is composed of two elements: the original main block and a rear addition. These are described individually in the following subsections. The four elevations of the structure are shown in Plate 12 to Plate 16. The house is oriented in a northeast to southwest fashion but for ease of description it is described in a north-south orientation where the north elevation or principal façade fronts Main Street.



Plate 12: North (front) elevation.



Plate 13: East elevation.



Plate 14: West elevation.



Plate 15: Oblique view of west and south elevations.



Plate 16: South (rear) elevation.

4.2.3.1 MAIN BLOCK

The original main block is a two-storey, red brick, Italianate-style farmhouse with an irregular, footprint comprising a square front section with frontispiece, and offset rear ell with recess (see Figure 10). Over both sections are a medium pitch hipped roof clad in asphalt shingles with projecting eaves and verges featuring decorative paired brackets on three of the four elevations (Plate 17). The red brick walling is laid in stretcher bond throughout, which could indicate that the main block is wood-frame construction with brick veneer. Contrasting detailing is present throughout through the use of stone quoins, window arches and sills, and foundations. The stone quoins and lug sills are rough faced with chiselled margins. Generally, the original main block features paired segmental arched windows with decorative stone heads with central and projecting 'keystones', painted wooden frames with segmental-arch heads, and chiselled stone lug sills (Plate 18). The original windows are wood and double or single hung, and most are protected by aluminum storm windows.

The house sits atop stone foundations with ashlar and chamfered watertable capping fieldstone walls that have been parged and rusticated to resemble ashlar. In some areas where the parging has failed, the fieldstone foundations below are visible (Plate 19). The basement windows appear to be wood, protected by wood blinds. It was reported to staff during the site visit that the floor in the basement is dirt.

The east elevation has two identical entrances, one in the recess of the rear ell and the other in the north-facing wall of the north section return angle. Both are accessed from the same open porch (Plate 20) and have a glazed and panelled wood Greek Revival door (Plate 21) with wide decorative moulding framing the panels. This door style was introduced in the 1830s and fashionable for almost a full century (Garvin 2001). A single and fixed sash rectangular transom sits above the door. Stone quoins are positioned on all corners (Plate 22) and one second storey window is placed above each entrance. Two additional windows are positioned to the right and left, one each on the main floor and second storey. An external brick chimney is located on the rear ell.

The north elevation faces Main Street and features another entrance, this one the original formal entrance. This elevation also has a frontispiece that stands the full height of the house, reminiscent of the 'tower' feature of the Italianate architectural style (Plate 23). This is topped by a gable roof with decorative bargeboard trim. Some damage was noted to the trim during the field review (Plate 24).

On the west elevation the wall of the rear ell is set back from the north section (Plate 25 and Plate 26). Two external brick chimneys are located on the west elevation, one on each section (Plate 27 to Plate 29). The north half of the elevation features four symmetrically placed windows, two on the main floor and two on the second storey. The south half of the elevation features a similar arrangement, with three windows and one door, which is blind (Plate 30). The corner where the two join has a small opening in the brick towards the bottom. Staining on the brick and holes for brackets suggest that this might be the location of a former downspout, which would have channeled water to an interior cistern (Plate 31). One brick on the south elevation, 22 courses up from the foundation, has faint indentations of pecked marks reading "W.M" (Plate 32).

The south elevation features a small addition on the left (west) side and two windows on the right (east) side, one on the main floor and one on the second storey (Plate 33). The existing addition is a one-storey, frame structure on poured concrete foundations (see Section 4.2.3.2). A line of black staining on the main block's south wall around the frame addition indicates the roof and wall line of an earlier rear addition. This elevation is the only one with no paired brackets at the eaves, probably since this wall is not visible from the road (Plate 34). The south elevation likely also has an entrance to the main block within the addition, but this could not be confirmed since access to the interior of the house was not permitted.



Plate 17: Overhanging eaves and paired bracket detail



Plate 18: Main block window example



Plate 19: Parged stone foundation



Plate 20: Perpendicular entrance doors on east elevation



Plate 21: Detail of centre entrance door on east elevation



Plate 22: Representative example of stone quoins



Plate 23: Main floor window of projecting frontispiece on north elevation



Plate 24: Decorative bargeboard



Plate 25: North section of west elevation



Plate 26: South section of west elevation



Plate 27: Deterioration in the foundation of the west chimney on the west elevation



Plate 28: West chimney of west elevation



Plate 29: South chimney on west elevation



Plate 30: Blind entrance on west elevation



Plate 31: Location of former downspout on east elevation



Plate 32: Detail showing W.M. graffiti on east elevation



Plate 33: Main floor window and entrance to rear addition



Plate 34: Second floor and eaves of south elevation

4.2.3.2 REAR ADDITION

A small, enclosed mudroom is located on the south elevation of the main block, accessed via an open porch. The addition has a side gable roof, is clad in horizontal wooden clapboard, and stands on concrete foundations (Plate 35). The latter suggests the rear addition was built in the late 20th century date. The rear addition is accessed via a glazed screen door on the east elevation (Plate 36). As mentioned above, staining on the south elevation of the main block indicates that the rear addition replaced an earlier, larger structure.



Plate 35: East and south elevations of rear addition



Plate 36: South and west elevations of rear addition

4.2.4 OUTBUILDINGS

Two outbuildings are located in the Study Area: a “gable-type Central Ontario” barn (Ennals 1972) likely pre-dating 1920 that is located south of the house, and a small board-and-batten clad driveshed southwest of the house.

The barn is a timber-framed bank barn with a metal-clad roof, parged fieldstone foundation with stone quoins, and earthen ramp on the northwest end wall (Plate 37 to Plate 44). The ramp’s location on the end wall makes this an “end-drive” barn, which are uncommon in Caledon. The ramp leads to a large sliding wood door on the end wall that opens to the barn’s second level, which has three bays created from four interior bents. Two smaller doors, one on the northeast side (a stable or Dutch door) and another on the southeast side (sliding doors), provide access to the lower-level stable. Wood framed windows are set into the fieldstone foundations, with two evenly spaced on each

side of the stable door on the northeast elevation (four total) and one located on the southeast elevation. During the site visit, some damage to the barn's wood flooring and the exterior walls was observed.

Access was not permitted to the interior of the drive shed so its construction could not be confirmed as either timber-frame or dimensional lumber (Plate 45 and Plate 46). The drive shed is rectangular in plan, has a side gable roof, and is clad in board and batten style vertical wood plank siding. Two sets of sliding doors are on the southeast elevation. The driveshed does not appear on 20th century topographic mapping, but small outbuildings were commonly omitted from these maps. It is possible then that —like the barn— the drive shed was built before 1920.



Plate 37: Northeast and northwest elevations of the barn



Plate 38: Southeast elevation of the barn



Plate 39: Interior frame structure of the barn



Plate 40: Interior frame structure of the barn



Plate 41: Barn fieldstone foundation



Plate 42: Stone quoins of foundations



Plate 43: Location of doors and windows on northeast elevation



Plate 44: Detail of door and window of barn



Plate 45: Board-and-batten driveshed



Plate 46: Board-and-batten driveshed

4.2.5 INTERPRETATION

Background research indicates that the main block of the farmhouse in the Study Area was constructed for James A. Cameron likely between 1899 and 1905. The rear wood addition with its concrete foundation was most likely constructed in the late 20th century; it replaced an earlier addition, as evidenced by the staining on the main block's south wall that outlines the walls and roofline of a previous construction.

Overall, the main block is relatively unaltered from its original construction and is typical of the Italianate architectural style. Although some authors have conservatively estimated the style to have gained prominence by the 1850s or 1860s, and was falling out of fashion between 1890 and the turn of the century (Blumenson 1990; Mikel 2004), others have traced the style's history to span from the 1830s to 1920s, with a height of popularity in the 1870s coincident with a preference for the Picturesque (Ricketts *et al.* 2011). An impetus for its popularity in Ontario may have been a feature on the style in the 1865 edition of *The Canada Farmer* (Plate 47).

Generally, the Italianate style used or reworked elements of Tuscan architecture. It placed an emphasis on stylized or exaggerated Classical features, often repeating a motif several times across a building. Buildings following this architectural style typically have: dichromatic effects around windows, at corners, or as a banded course; exaggerated or moulded window cornices, often topped with stilted or segmental arches; deep projecting eaves and ornately decorated cornice brackets; a prominent entrance, projecting frontpiece, or corner tower; cupolas or belvederes; and wooden arcaded porches. The Italianate style was seen as flexible and adaptable with no rigid proportions to constrain creativity. Mikel notes that:

One of the most common Italianate forms was the simple square hipped-roof house. It was generally rectangular with the narrow side fronting the street. The façade was usually symmetrical, except for the front door, placed to one side and forming a side hall plan.

(Mikel 2004:66).



Plate 47: Italianate style model house from the 1865 journal *The Canada Farmer* (reproduced in Blumenson 1990:59)

The house in the Study Area displays some architectural features characteristic to the Italianate style, such as the simple form with hipped roof, projecting ‘frontispiece’ (located on the north elevation), projecting eaves and decorative brackets, dichromatic effects of red brick and stone accents (quoins, window cornices, sills, foundation), and the carved decorative stone window arches. Interestingly, this house also features decorative bargeboard, an element more often seen in Gothic Revival or Queen Anne architectural styles, which were contemporary with Italianate.

The barn is a representative example of the “gable-type” Central Ontario form, though the bank entrance on the end wall also makes it an end drive bank barn, which is unusual in the Town of Caledon (Plate 48). This type of barn was being slowly replaced across southern Ontario by those built with a gambrel roof, beginning in the 1880s but not completely replacing the gable-type as the preferred style until well into the first half of the 20th century (Ennals 1972 and McIlwraith 1997). Framing the barns used traditional joinery at least as old as the 18th century, but into the 1920s still had not been supplanted by balloon framing in published theory or on the farm (Glassie 1974; Vlach 2003). Timber-framing itself therefore provides no indication of date, as across southern Ontario barns were constructed in the first two decades of the 20th century in a manner no different than they had in the previous half century, some even rejecting the newly available concrete block to build foundations in favour of the traditional coursed rubble. As farmer and photographer Sylvester Main documented in Beverly Township (now City of Hamilton), members of the local farming community were communally building large gable-roofed timber-frame barns on stone foundations in the 1910s that today would be difficult to tell apart from earlier 19th century buildings (Pullen 2004). As late as 1952, there were even some (who were not Old Order Mennonites) who still chose to build in the old fashion (McIlwraith 1999).

Access was not permitted to the interior of the drive shed, so its construction cannot be confirmed as either timber frame or dimensional lumber. The drive shed does not appear on 20th century topographic mapping, though outbuildings were frequently omitted from these maps. It is therefore possible that the drive shed is contemporaneous with the barn; however, it may also date to later in the 20th century.

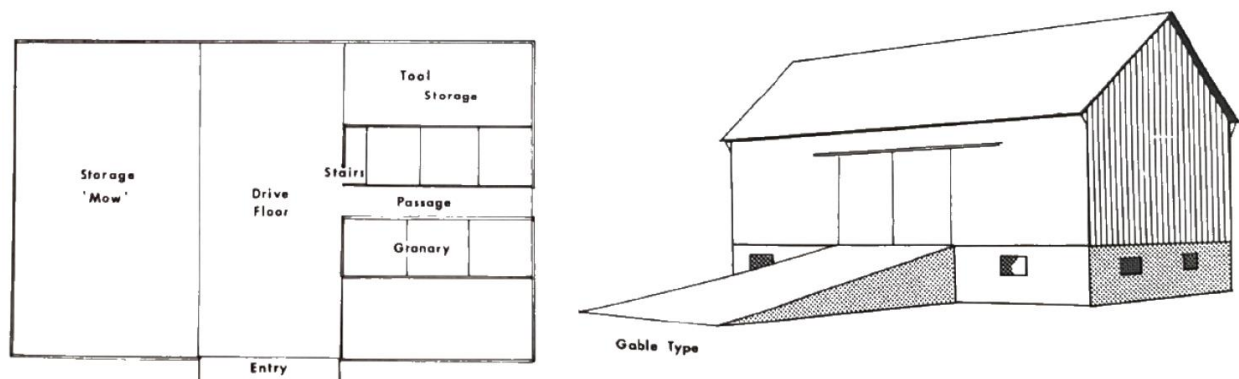


Plate 48: The Central Ontario Barn, as defined by Ennals (1972: 257) and second level plan

4.2.6 ANALYSIS OF PHYSICAL CONDITIONS AND HERITAGE INTEGRITY

4.2.6.1 PHYSICAL CONDITION

Table 3 provides a summary of the physical conditions of the farmhouse and Table 4 provides a summary for the outbuildings in the Study Area using criteria adapted from a checklist developed by Historic England (Watt 2010: 365-361) and list in Fram’s 2003 *Well-Preserved: The Ontario Heritage Foundations Manual of Principles and Practice for Architectural Conservation* (Fram 2003). Note that these observations are based on surficial inspection only and should not be considered as a structural engineering assessment.

Table 3: Analysis of Physical Conditions of the Farmhouse

ELEMENT	OBSERVED CONDITIONS
General Structure	Overall, the farmhouse appears to be in good condition.
Roof	- Roof itself was snow covered but soffit appears to be in good condition. - Decorative bargeboard trim on north elevation shows some damage and missing sections as well as cracking and peeling of paint.
Rainwater Disposal	- All gutters appear to be in good condition. - Presumed downspout missing on west elevation.
Exterior Elements (Walls/Foundations/Chimneys, etc.)	- Exterior brick veneer appears to generally be in good condition, with only some localized spalling and flaking noted. - Some cracking and flaking of mortared joints observed, but minimal and commensurate with age. - Foundation parging is failing in some spots. - Paint on brackets is peeling and cracking but they generally appear in good condition. - Chimney on east elevation and south chimney on west elevation both have some efflorescence and crumbling of the mortar. - Failed parging and displacement of stone foundations of north external chimney on west elevation. Efflorescence on brick above the roofline noted. - Efflorescence, staining, and mold noted in some areas (foundation and main floor windowsills on west elevation, corner where two sections of irregular floorplan meet on west elevation) as a result of moist conditions. - Paint on wooden clapboard siding of rear addition is peeling and cracking. - Some vertical wood boards of porch skirt are missing or damaged.
Windows and Doors	- Decorative elements of all window and door openings (stone arches and lug sills and wooden frames and arches) all appear to be in good condition. - Painted wood windows and frames show evidence of cracking and peeling. - Wooden Greek Revival door on east elevation appears to be in good condition, despite cracking and peeling of paint. North elevation entrance door was unobservable during site visit.
Internal Roof Structure/Ceiling	Physical condition of internal roof structure unknown as access to the interior of the house was not permitted.
Floors	Unobservable during the site visit as the property inspection assessed the exterior of property structures only.
Stairways/Galleries/Balconies	Unobservable during the site visit as the property inspection assessed the exterior of property structures only.
Interior Decorations/Finishes	Unobservable during the site visit as the property inspection assessed the exterior of property structures only.
Fixtures & Fittings	Unobservable during the site visit as the property inspection assessed the exterior of property structures only.
Building Services	The house is currently inhabited, and services were active at the time of site visit.
Site & Environment	- Vegetation around the house generally well kept and unlikely to be physically affecting the structure. - No areas of standing water observed.

Table 4: Analysis of Physical Conditions of the Outbuildings

ELEMENT	OBSERVED CONDITIONS
General Structure	Barn: - Overall, the barn appears to be in fair to good condition. Driveshed: - Overall, the drive shed appears to be in fair to poor condition.
Roof	Barn: - Roof itself was snow covered but appears to be metal. Interior views of the underside indicates that it is supported by wood planks and appears to be in good condition. Drive shed: - Roof itself was snow covered and was unobservable during the site visit. - Fascia is missing in some sections and falling off in others.
Rainwater Disposal	Barn: - n/a Drive shed: - n/a
Exterior Elements (Walls/Foundations/Chimneys, etc.)	Barn: - Wood plank siding is weathered throughout and deteriorating in some areas. Damaged or missing planks are evident on all elevations. - Some cracking and flaking of foundation parging but foundations appear to be generally in good condition. Drive shed: - Board and batten siding is weathered throughout and visible repairs have been made using readily available materials rather than sympathetic ones.
Windows and Doors	Barn: - Painted sliding doors on northwest elevation show evidence of wood deterioration (splitting and cracking) and paint fading, cracking, peeling. Sliding rail is rusted but the hardware appears to be in working order. - Sliding wood door on southeast elevation appears to be recently replaced and the wood is in generally good condition, despite some damaged planks. - The northeast elevation features one door and four windows built into the stone foundation, leading to the stables, and one narrow door built into the wood siding above. All are painted wood in wood frames. The paint shows evidence of fading, cracking, and peeling. Windows are three over three paned in painted wooden frames and all are broken, cracked, or missing glass panes. Drive shed: - Two sets of sliding doors on the southeast elevation, facing the driveway. All doors appear to be in fair condition, showing evidence of weathering. Sliding rail is partially rusted but hardware appears to be in working order. - Modern single or double hung window on southwest gable, appears to be metal and in fair condition.
Internal Roof Structure/Ceiling	Barn: - Internal bents appear to be in good condition. Drive shed: - Unobservable during the site visit as the property inspection assessed the exterior of the driveshed only.

ELEMENT	OBSERVED CONDITIONS
Floors	Barn: - Fair condition though well worn. Drive shed: - Unobservable during the site visit as the property inspection assessed the exterior of the driveshed only.
Stairways/Galleries/Balconies	Barn: - Fair condition though well worn. Drive shed: - n/a
Interior Decorations/Finishes	Barn: - n/a Driveshed - n/a
Fixtures & Fittings	Barn: - Rough electrical wiring, exposed junction boxes and uncovered light fixtures. Drive shed: - No fixtures were observed on the exterior. Interior was unobservable during the site visit as the property inspection assessed the exterior of the driveshed only.
Building Services	Barn: - The property is currently inhabited, and services were active at the time of site visit. Drive shed: - n/a
Site & Environment	Barn: - Vegetation around the barn generally well kept and unlikely to be physically affecting the structure. - No areas of standing water observed. Drive shed: - Vegetation around the drive shed generally well kept and unlikely to be physically affecting the structure. - No areas of standing water observed.

4.2.6.2 HERITAGE INTEGRITY

In the 2006 *Heritage Property Evaluation: A Guide to Listing, Researching, and Evaluating Cultural Heritage Property in Ontario Communities*, the MCM stresses that a property need not be in its original condition to have CHVI though stresses the concept of integrity:

“Integrity is a question of whether the surviving physical features (heritage attributes) continue to represent or support the cultural heritage value or interest of the property.”

(MCM 2006a: 26)

The MCM expands on this concept of integrity in their 2014 *Standards and Guidelines for Conservation of Provincial Heritage Properties, Heritage identification & Evaluation Process* to include landscape features and references the *Ontario Heritage Tool Kit* and the 2008 *US National Park Service Info Bulletin: VIII. How to Evaluate the Integrity of a Property* as potential guidance documents (MCM 2014, USDI 2008). The latter source identifies integrity as “*the ability of a property to convey its significance*” (USDI 2008: 1-2) and defines this within the seven aspects of integrity: Location, Design, Setting, Materials, Workmanship, Feeling, and Association. Based on this definition, integrity can only be judged once the significance of a place is known (USDI 2008: 1-2).

Other guidance documents reviewed as part of this assessment define integrity as the “wholeness” or “honesty” of a place and examines the subsequent effects of time and change on the site’s cultural heritage value (Drury and McPherson 2008:45). Similarly, Kalman’s 1979 *Evaluation of Historic Buildings* criteria for “Integrity” (“Site”, “Alterations”, and “Condition”) are less specifically linked to significance, so have been used here to determine the Study Area’s level of heritage integrity (Table 4). This analysis was also considered when evaluating the Study Area for CHVI. The associated survival percentage and rating is based on the following scale:

- Poor = 0-20%
- Fair = 21-40%
- Good = 41-60%
- Very Good = 61-80%
- Excellent = 81-100%

4.2.6.3 RESULTS

Based on the analysis of physical conditions and heritage integrity presented in Table 3 and Table 4, it was found that the farmhouse is in very good physical condition and has an “excellent” (89%) level of heritage integrity

Table 5: Analysis of Heritage Integrity

ELEMENT	ORIGINAL MATERIAL/TYPE	ALTERATION	SURVIVAL (%)	RATING	COMMENT
Setting	Property located within an agricultural context, bounded by Main Street on the north and neighbouring farmsteads on all remaining sides. Historically adjacent properties include 18667 Mississauga Road (to the southwest) and the 1420 Charleston Sideroad (to the southeast), both listed on the Town’s heritage register.	Minimal alterations to the general setting.	95	Excellent	The area retains most of it’s original agricultural and rural character. The Listed properties which would have historically shared boundaries with the farmscape at 1420 Charleston Road are unaltered. The only change to the original setting of the farmscape is the severing and redrawing of the property boundaries at 1420 Charleston Sideroad.
Site Location	Set back from Main Street by approximately 20 m.	Parcel boundaries have been redrawn as approximately 12 acres fronting Main Street were severed in the 1970s from the acreage the farmhouse would have originally been associated with.	90	Excellent	The parcels severed in the late 20th century did not contain any heritage attributes of the original farmstead.
Footprint	Original farmhouse has an irregular footprint. Barn and drive shed have rectangular footprints.	20th century addition on the original farmhouse structure have expanded its footprint. No alterations to the barn or drive shed footprints.	90	Excellent	While the addition to the rear of the house has expanded the footprint to the south, the original main block is easily identifiable and delineated. The north, east, and west elevations are intact and unaltered.. The front façade, visible from the ROW, remains unaltered.
Wall	Original main block of the farmhouse is of frame construction with red brick veneer laid in a stretcher bond pattern. Timber framed barn has vertical wood plank siding. The drive shed framing is unknown but cladding is wood board and batten.	No alterations to the original red brick veneer of the main block. The rear addition abuts the south elevation of the house. Repairs have been made to the barn and drive shed but no alterations to walls otherwise.	80	Excellent	The rear addition abuts the south elevation of the house, causing minimal alterations to the brick veneer and could be easily removed.
Foundation	Farmhouse and barn sit atop parged stone foundations.	No alterations visible from exterior aspect.	90	Excellent	Original foundations of main block of the house appear to be intact, though parging is failing in some areas and some evidence of displacement.
Exterior Doors	Main entrance on east elevation features a single door entryway with a wooden Greek Revival style door in a wooden frame with an arched head, topped with a rectangular transom window and accented by the same stone arch and sills as the windows. Secondary entrances are located on the north and west elevations. The north entry features a single door entryway following a similar style as main entrance, wooden frame with same arch shaped head and stone arch and sills as the windows. The west elevation features the same stone arch and sill as the other doors and windows. Barn and drive shed feature wooden sliding doors.	The west elevation entrance is blind and not accessible. Aluminum storm doors have been added to the east and north entrances.	70	Very Good	Though some alterations have taken place to both entrances, the alterations are sympathetic in that they maintain the original configuration of the entrances. The original door on the east elevation is intact and decorative elements (carved wooden arch, segmental stone arch, and stone lug sills) have been retained and are in remarkably good condition.
Windows	Wooden hung windows in wood frames.	Most windows of the main block of the farmhouse have had aluminum storm windows added. No alterations to the barn windows. Drive shed features an aluminum window which may be a replacement.	80	Excellent	No additional comments.
Roof	Farmhouse features a hipped roof with moderate overhang. Barn and drive shed both feature gable roofs.	Original roof shape has been generally maintained.	95	Excellent	No additional comments
Chimneys	Original external brick chimneys located on the east and west sides of the house.	None.	100	Excellent	No additional comments
Water Systems	Unknown.	Unknown.	n/a	n/a	No additional comments
Exterior Decoration	Original decorative architectural elements including: - Decorative brackets present along eaves of main block roof on north, east, and west elevations; - Stone quoins;	Removal of original paired brackets on south elevation.	95	Excellent	Retention of original elements of almost all window and door openings of the original main block is notable, especially the decorative accents carved into the wooden window frame heads.

ELEMENT	ORIGINAL MATERIAL/TYPE	ALTERATION	SURVIVAL (%)	RATING	COMMENT
	- Paired segmental arched windows; - Decorative stone heads, wooden frames with decorative arched heads, and stone lug sills that are rough faced with chiselled margins seen on window and door openings;				
Exterior Additions	Rear addition has a gable roof, cladding in horizontal wood clapboard, and stands on a concrete foundation.	The concrete foundation of the rear addition suggest it dates to the late 20th century. Staining in the main block's south wall indicates it replaced an earlier addition, construction of which is unknown.	0	Poor	The rear addition is a single storey addition to the elevation, leaving much of the north elevation unaltered and visible. The extant addition is a replacement of an earlier, unknown structure.
Interior Plan	Unknown.	Unknown.	n/a	n/a	No additional comments
Interior Walls/Floors	Unknown.	Unknown.	n/a	n/a	No additional comments
Interior Trim	Unknown.	Unknown.	n/a	n/a	No additional comments
Interior Features	Unknown.	Unknown.	n/a	n/a	No additional comments
Landscape features	Long tree-lined driveway, turn of the century barn, and mature vegetation throughout the property.	Minimal alterations to the mature landscape features.	95	Excellent	No additional comments
Average of Rate of Change/Heritage Integrity			82	Excellent	Rating of very good is based on original element survival rating between 81-100%

5 EVALUATION OF CULTURAL HERITAGE VALUE OR INTEREST

5.1 ONTARIO REGULATION 9/06

The criteria for determining CHVI of a property at a local level are set out in O. Reg. 9/06 of the *Ontario Heritage Act*. A property may be worthy of listing under the *Ontario Heritage Act* if it meets one or more of criteria of O. Reg. 9/06, and designation under Part IV of the *Ontario Heritage Act* if it meets two or more criteria.

The Study Area was evaluated using the criteria for CHVI prescribed in O. Reg. 9/06. Table 6 provides a summary of the evaluation, and a discussion of the evaluation is provided below.

Table 6: Evaluation of Cultural Heritage Value or Interest

CRITERIA	EVALUATION OUTCOME
1. Is a rare, unique, representative or early example of a style, type, expression, material or construction method	✓
2. Displays a high degree of craftsmanship or artistic merit	✓
3. Demonstrates a high degree of technical or scientific achievement.	✗
4. Has direct associations with a theme, event, belief, person, activity, organization or institution that is significant to a community.	✗
5. Yields or has the potential to yield, information that contributes to an understanding of a community or culture	✗
6. Demonstrates or reflects the work or ideas of an architect, artist, builder, designer or theorist who is significant to a community	✗
7. Is important in defining, maintaining or supporting the character of an area	✓
8. Is physically, functionally, visually or historically linked to its surroundings	✓
9. Is a landmark	✗

5.1.1 DESIGN OR PHYSICAL VALUE

The main block of the farmhouse is a representative example of a late 19th to early 20th-century Italianate style farmhouse and the barn is a representative example of a gable-roofed Central Ontario barn type with atypical end-drive bank and entrance. These structures, together with the Study Area's mature vegetation lining the driveway, are a representative example of a turn of the century farmstead in the Town of Caledon (Criterion 1). While it is possible that the drive shed was constructed in the early 20th century, this could not be confirmed and in form is not a rare, unique, representative or early example.

While the core of the farmstead is a representative example of an Italianate style farmhouse and a turn of the century farm complex, the main block of the farmhouse shows a high degree of craftsmanship in its detailing, including the stone window heads and chiselled detailing in the stone sills (Criterion 2). However, there is no evidence that any of the built or landscape components on the property display a high degree of technical or scientific achievement (Criterion 3).

Accordingly, the Study Area meets Criteria 1 and 2 of O. Reg. 9/06 and has design/physical value related to the Italianate farmhouse and the Central Ontario style barn. The farmhouse is a representative example of this architectural style and exhibits a high degree of craftsmanship. The barn is a representative example of the gable-roofed Central Ontario barn type.

5.1.2 HISTORICAL OR ASSOCIATIVE VALUES

The Study Area does not have historical value or associative value. It is historically linked with the Cameron family, an early farming family in the community who worked Lot 17 from the early 19th century and into the late 20th century, but no evidence was identified to suggest the Cameron family made significant contributions to the community. Background research has demonstrated that the Study Area has no direct association with a theme, event, belief, person, activity, organization, or institution that is significant to a community (Criterion 4).

There is no evidence to suggest the structure yields or has the potential to yield, information that contributes to an understanding of a community or culture (Criterion 5).

There is no documentary evidence that indicates a specific architect, artist, builder, or designer was involved in the design or construction of this structure. As such, the property does not demonstrate or reflect the work or ideas of an architect, artist, builder, designer, or theorist who is significant to a community (Criterion 6).

Accordingly, the Study Area does not meet Criteria 4-6 of O. Reg. 9/06 and does not have known historical/associative value.

5.1.3 CONTEXTUAL VALUE

The collection of contemporary elements such as the farmhouse, barn, and tree-lined drive supports the contextual value of the Study Area. This ensemble within the Study Area is closely tied, both physically and historically, to similar properties in the surrounding area. The Study Area is one of several farm complexes in the area that are either listed on the Town of Caledon's heritage register or identified on the Town's Built Heritage Resource Inventory of Pre-1946 Structures. Similar to other properties in the vicinity, the Study Area has a long driveway leading to a small complex of structures that includes a farmhouse, barn and driveshed, and mature vegetation. These properties collectively create a rural landscape that retains something of its 19th-to-early 20th-century agricultural land use. As a turn of the century farmstead, the spatial organization and mix of structural elements in the Study Area maintain and support the rural agricultural character of the wider area (Criterion 7).

The Study Area is historically connected to other properties in the immediate vicinity that were owned by members of the Cameron family through the 19th and early 20th centuries. These properties are 18667 Mississauga Road (built by James Cameron's father, Duncan Cameron Sr.), 18501 Mississauga Road (built by James' great-uncle, John), and 1420 Charleston Sideroad (built by James' cousin, George). The Study Area is particularly linked to the latter as the house at this address is in the same Italianate style and was likely built around the same time as the main block (Criterion 8).

The property is not known to be a landmark in the community given its rural location, setback from the right-of-way (ROW), and low massing in the surrounding rural landscape (Criterion 9).

Accordingly, the Study Area meets Criteria 7 and 8 of O. Reg. 9/06 and has contextual value related to the connections to nearby heritage properties that are also historically owned by the Cameron family.

5.1.4 SUMMARY

Based on a review of background documents, community engagement and property inspection it was determined that the Study Area meets four criteria of O. Reg. 9/06 of the *Ontario Heritage Act* (Criteria 1, 2, 7, and 8), indicating that this property has CHVI at a local level and is eligible for designation under Part IV of the *Act*. The Study Area was not found to be a CHL since the heritage attributes of the property are substantially related to the farmhouse. Based on this evaluation, WSP has drafted a Statement of CHVI.

5.2 STATEMENT OF CULTURAL HERITAGE VALUE OR INTEREST

5.2.1 DESCRIPTION OF PROPERTY

The property at 18722 Main Street in the Town of Caledon features a turn of the century farm complex including a two-storey red brick Italianate style house, constructed between 1899 and 1905, Central Ontario type barn, a driveshed, and a tree-lined driveway.

5.2.2 PROPOSED STATEMENT OF CULTURAL HERITAGE VALUE OR INTEREST

Built between 1899 and 1905 for James Cameron, the red brick farmhouse at 18722 Main Street is representative of the Italianate architectural style with its two-storey massing, hipped roof with wide overhanging eaves and decorative brackets, stone accents (including segmental stone eyebrow arches and carved lug sills on window and door openings) producing a dichromatic effect, and wood frames with carved arched head accents on window and door openings. The farmhouse is set back from the road, accessed by a driveway lined with mature trees. At the rear of the driveway, to the southeast of farmhouse is a three-bay timber-framed barn built in the gable-roof Central Ontario style, likely constructed at the same time as the house.

The grouping of contemporary elements such as the farmhouse, barn, and tree-lined drive supports the contextual value of the Study Area. This complex within the Study Area is closely tied, both physically and historically, to similar properties in the surrounding area.

As a turn of the century farmstead, the spatial organization and mix of structural elements at 18722 Main Street maintain and supports the rural agricultural character of the wider area. The property is one of several historical period farmsteads in the area, most of which are listed on the Town of Caledon's Heritage Register.

5.2.3 HERITAGE ATTRIBUTES

Identification of heritage attributes is based on exterior examination of the structure. Heritage attributes should be confirmed with interior inspection during preparation of the Heritage Conservation Plan. At present, heritage attributes that contribute to the CHVI of the property:

- Residence main block:
 - Two storey, red brick Italianate style farmhouse with an irregular footprint.
 - Medium pitch hipped roof featuring a wide overhang and decorative paired brackets.
 - Projecting two-storey frontispiece on northeast elevation with decorative bargeboard on its gable.
 - Stone accents:

- stone quoins that are rough faced with chiselled margins;
 - decorative stone window heads;
 - stone lug sills that are rough faced with chiselled margins.
- Original wood hung windows with wooden frames that feature arched heads.
- Intact entrances and doors.
- Parged stone foundations with chamfered, rough faced ashlar watertable.
- Central Ontario barn:
 - Timber frame;
 - Gable roof;
 - Fieldstone foundation;
 - Vertical plank siding;
 - Windows and doors set into fieldstone foundation; and
 - Ramp on the northwest elevation.
- Mature vegetation:
 - Group of four deciduous trees lining the southeast side of the driveway.

6 IMPACT ASSESSMENT

The MCM InfoSheet #5 provides guidance on how to complete impact assessments for provincial heritage properties (MCM 2006b). This assessment considers two categories of impacts:

- **Direct Impact:** A permanent or irreversible negative affect on the CHVI of a property that results in the loss of a heritage attribute. Direct impacts include destruction or alteration.
- **Indirect Impact:** An impact that is the result of an activity on or near a cultural heritage resource that may adversely affect the CHVI and/or heritage attributes of a property. Indirect impacts include shadows, isolation, direct or indirect obstruction of significant views or vistas, a change in land use, or land disturbances.

It should be noted that land disturbances, as defined in MCM InfoSheet #5, apply to archaeological resources (MCM 2006b). An archaeological assessment is beyond the scope of this study since recommendations regarding archaeological resources must be made by a professional archaeologist licensed by the MCM.

6.1 DESCRIPTION OF PROPOSED WORK

It is WSP's understanding that the proposed development includes the extraction of limestone resources, including blasting to a depth between 8 to 27 m, and associated activities and construction for supporting works (i.e., construction of berms and laydown areas). This work will be confined to the license area (261.2 hectares), which will encompass the extraction areas but also areas required for setbacks and supporting works, defined for the project as the limit of extraction.

The limit of extraction proposed in April 2023 encompasses the entire Study Area, with the exception of a narrow strip adjacent to the roadway ROW, and is subject to the requirement to complete this study (Figure 1). The proposed license area encompasses the entire Study Area. Within the limit of extraction and license area, proposed construction activities will include:

- Stripping topsoil and overburden to create a perimeter berm. Excess soil will be temporarily stored within the license area or used for progressive rehabilitation of the site.
- Extraction of limestone (involving blasting) and sand and gravel below the water table. This will require dewatering to allow for operations in a dry state.
- The possible use of temporary workspaces/laydown areas, vegetation removal, and heavy machinery/traffic.
- Rehabilitation, the goal of which is to create a landform that represents an ecological and visual enhancement and provides future opportunities for conservation, recreational, tourism and water management. This will ultimately include the creation of lakes, vegetated shorelines, islands, wetlands, upland forested areas, riparian plantings adjacent to the existing watercourse, nodal shrub and tree planting on upland areas grassland meadows and specialized habitat features for bats and turtles.

It should be noted that the lands within the limit of extraction will be maintained in their current state and agricultural uses until they are required for preparation for aggregate extraction.

6.2 ASSESSMENT OF POTENTIAL IMPACTS

Based on the above understanding of the proposed work, Table 6 provides an assessment of the potential impacts resulting from the Project.

Table 7: Assessment of Potential Impacts to 18722 Main Street

IMPACT TYPE	DISCUSSION
<i>Direct Impacts</i>	
Destruction of any, or part of any, significant heritage attributes or features.	The preliminary extraction area, proposed in April 2023, of which the proposed construction activities include extraction (blasting) as well as the possible use of temporary workspaces/laydown areas, vegetation removal, and heavy machinery/ traffic, encompasses a portion of the Study Area. The license boundary extends beyond the preliminary extraction area to encompass a greater portion of the Study Area. No heritage attributes are located within the preliminary extraction area or the license boundary. The location of the proposed construction activities will be approximately 35-95 m from heritage attributes identified for the property. As proposed, the work is not anticipated to result in destruction-related impacts that will directly impact the heritage attributes of the Study Area.
Alteration that is not sympathetic, or is incompatible, with the historic fabric and appearance.	The proposed aggregate work will result in alterations that are not sympathetic with the historic rural and agricultural fabric and appearance of the Study Area and surrounding context. Without mitigation measures or conservation planning, the proposed work could result in negative impacts to the heritage attributes and their contextual heritage value. See Section 8 for mitigation recommendations.
<i>Indirect Impacts</i>	
Shadows created that alter the appearance of a heritage attribute or change the viability of a natural feature or plantings, such as a garden.	No shadow-related impacts to the heritage resource are anticipated since the proposed work will be ground disturbing rather than new building construction. Accordingly, no negative impacts relating to shadows are anticipated.
Isolation of a heritage attribute from its surrounding environment context or a significant relationship.	The location of the proposed construction activities suggests the possible demolition/destruction of the agricultural fields within the Study Area and the adjacent farmsteads to the south and east, to which the Study Area is historically and physically linked. The isolation of the building complex from the associated agricultural fields will not impact the viability of any heritage attributes within the Study Area. Accordingly, no negative impacts relating to isolation are anticipated.
Direct or indirect obstruction of significant views or vistas within, from, or of built and natural features.	No significant views or vistas to or from the Study Area were identified as a heritage attribute. Therefore, no negative impacts to views are anticipated.
A change in land use such as rezoning a battlefield from open space to residential use, allowing new development or site alteration to fill in the formerly open spaces.	A proposal to change the land use of a portion of the Study Area and surrounding area to be licenced under the <i>Aggregate Resources Act</i> and designated/zoned under the Planning Act to permit the proposed quarry has been submitted and is in progress. Therefore, no impacts related to land use are anticipated.
Land disturbances such as a change in grade that alters soils, and drainage patterns that adversely affect a cultural heritage resource.	The proposed mineral aggregate operation activities will result in significant changes to the grade and drainage patterns of the land within the project, including the Study Area. Additionally, the ground disturbing work will result in vibrations which may damage the heritage attributes identified for the Study Area. Without mitigation measures, the proposed activities may result in land disturbances which will negatively affect the CHVI and heritage attributes identified for the Study Area.

IMPACT TYPE	DISCUSSION
	As proposed, the work is anticipated to result in land disturbances that may adversely affect the Study Area's CHVI and heritage attributes. See Section 8 for mitigation recommendations.

6.3 SUMMARY OF POTENTIAL IMPACTS

The proposed work will involve the extraction of limestone resources, requiring stripping topsoils and overburden, extraction (blasting), vegetation removal, creation of temporary workspaces/laydown areas, use of heavy machinery/traffic, and ultimate rehabilitation. Without conservation and mitigation measures, the proposed work has potential for direct and indirect negative impacts to the Study Area related to alteration and land disturbances.

Section 8 provides recommendations on conservation and mitigation measures that should serve to mitigate any potential negative impacts of the proposed work.

7 CONSIDERATION OF ALTERNATIVES

Since the impact assessment identified the potential for adverse impacts to the CHVI and heritage attributes of the Study Area, alternatives have been considered following Section 3.3.3.3.3 of *Town of Caledon's Official Plan* (2018) and MCM (2006b) InfoSheet#5 of the *Ontario Heritage Tool Kit*. These are:

- 1 Retention of the building on-site in its original use
 - 2 Retention of the building on-site in an adaptive re-use
 - 3 Relocation of the building
 - a on the development site
 - b to a sympathetic site
 - 4 Preserve by Record and Commemorate
-

7.1 OPTION 1: RETENTION OF THE BUILDING ON-SITE IN ITS ORIGINAL USE

Retention of the building on-site in its original use.

Advantages: The approach adheres to the conservation principle of minimal intervention. This approach allows for the property to retain its heritage attributes in situ and preserves the integrity and authenticity of the resource.

Disadvantages: While minimum intervention is the most preferred approach, this can prove detrimental to long-term sustainability without sufficient preventative mitigation measures. Given the location of the Study Area as partially within the limit of extraction, the nature of the proposed mineral aggregate operation activities is anticipated to subject the Study Area to negative impacts. Steps such as landscape treatments would be required to maintain the viability of the farmhouse as a livable structure and the structural integrity of the barn.

Overall feasibility: This option is the most feasible because it:

- Is a 'minimal intervention' approach that maintains the property in its current form and as a valued built heritage resource in the community.
 - Preserves the design or physical value of the main block of the farmhouse and barn.
 - Is supported by the good physical condition of the main block of the house and barn.
-

7.2 OPTION 2: ADAPTIVE REUSE

Retention of the building on-site and an adaptive re-use, such as using the building as an office for the quarry site.

Advantages: This approach would conserve the identified heritage attributes in their current location within the property. Rehabilitation can 'revitalize' a historic place (Canada's Historic Places 2010). Adaptive re-use would serve to retain the farmhouse's heritage attributes in its original location, while allowing for change to take place in the immediate area. Adaptive re-use presents an opportunity for the house to retain a 'progressive authenticity', or 'successive adaptations of historic places over time (Jerome 2008:4). Adaptive re-use projects are generally more cost-effective, socially beneficial, and environmentally sustainable than new builds, even though they may require more specialized planning to undertake.

Disadvantages: Conservation of the farmhouse and barn without similar conservation of the greater property and surrounding properties would diminish the authentic rural and context and sever the contextual value for the farmhouse. Adaptive re-use of heritage buildings for office work is a commonly explored alternative and one explored as an option for this project. Using the farmhouse as an office site for the quarry operations would require changes to convert the structure to an office, which may negatively impact the identified CHVI and heritage attributes and would still only be a temporary measure.

Overall feasibility: This option is not feasible because of the:

- Extensive and temporary nature of the changes required to the farmhouse and barn.
- Another property has been selected to be used as an office and additional offices are not needed.
- Potential for long term negative impacts to the identified CHVI and heritage attributes of the farmhouse and barn.

7.3 OPTION 3: RELOCATION AND REHABILITATION

Option 3a discusses relocation of the buildings to a new location within the development site while Option 3b discusses relocation of the buildings to a sympathetic site within the Town. Both options are discussed in detail below.

Option 3a: Relocation of the building on the development site. A heritage building, if of significant historical, architectural or contextual importance, could be relocated to another location within the proposed development.

Advantages: As with Option 2, relocation and rehabilitation can ‘revitalize’ a historic place, and when adapted to a new location, a valued place can be more easily maintained and protected and its heritage attributes widely understood, recognized, and celebrated. Also as above, relocation and rehabilitation projects are generally more cost-effective, socially beneficial, and environmentally sustainable than new builds, even though they may require more specialized planning to undertake.

This option would conserve the physical connection of the farmhouse to its original land parcel, maintaining much of the contextual linkages. Relocation presents an opportunity for the house to retain a ‘progressive authenticity’, or ‘successive adaptations of historic places over time (Jerome 2008:4). Relocating the farmhouse within the development could potentially allow for a thoughtful integration of the farmhouse into the rehabilitation efforts while maintaining the historical relationship of the Study Area with the area.

Disadvantages: Relocating the farmhouse and barn is in opposition to MTCS *Guiding Principle* for “original location”. This principle states that buildings should not be moved “unless there is no other means to save them since any change in site diminishes heritage value considerably”. The nature of the work within the proposed extraction area would not provide for a site with sufficient space and buffer to protect the CHVI of the structures. Moreover, the nature and condition of the materials are not ideal for successful relocation of the barn and relocation of the farmhouse could result in total loss of CHVI if an accident occurs during the process or planning is insufficient.

Overall feasibility: This option is not feasible because:

- The heritage attributes will not be directly impacted by the proposed work.
- Nature and scope of the proposed adjacent mineral aggregate operation activities do not allow for sufficient space and buffer to relocate the farmhouse within Lot 16.

Option 3b: Relocation of the building to a sympathetic site within the Town.

Advantages: As with Option 2, relocation and rehabilitation can ‘revitalize’ a historic place, and when adapted to a new location, a valued place can be more easily maintained and protected and its heritage attributes widely understood, recognized, and celebrated. Also as above, relocation and rehabilitation projects are generally more

cost-effective, socially beneficial, and environmentally sustainable than new builds, even though they may require more specialized planning to undertake.

This option would conserve the physical attributes of the farmhouse. Relocating the farmhouse to an available lot at a sympathetic site within the Town could potentially allow for a thoughtful integration of the farmhouse into the plans for the new site.

Disadvantages: Relocating the farmhouse is in opposition to MTCS *Guiding Principle* for “original location”. This principle states that buildings should not be moved “unless there is no other means to save them since any change in site diminishes heritage value considerably”. The effort to transport the farmhouse on a public road would be substantial and may require consideration of such actions as taking down overhead lines, reinforcing culverts and crossings, and police escort. Relocation of the farmhouse could result in total loss of CHVI if an accident occurs during the process or planning is insufficient and the condition and nature of the barn materials are not ideal for successful relocation.

Overall feasibility: This option is not feasible because:

- The heritage attributes will not be directly impacted by the proposed work and the effort required to relocate the farmhouse and barn introduces unnecessary risk to the heritage attributes.

7.4 OPTION 4: SALVAGE AND COMMEMORATION

Under this option all the property’s heritage attributes would be documented through photographs, measured drawings, and written notes prior to demolition. This option allows for salvage of notable heritage artifacts that contribute to the CHVI of the property for donation during and consult with the Town of Caledon regarding the potential inclusion and development of commemorative plaques or place naming strategies.

Advantages: This option would conserve the historical connection of the farmhouse and landscape features to the community and original land parcel through commemoration while salvage of notable artifacts would retain some physical link to the farm complex’s intangible historical or associative value. This option is both cost effective and acknowledges the farm complex’s historical importance within the community. Through detailed investigations, the construction, architecture, and history of the property would become an example for comparative studies and inform both future heritage assessments and academic study of the area.

Disadvantages: Preservation by salvage or record is the least desirable conservation option. The property was found to have design or physical value and the main block was determined to be in good physical condition. Through demolition, all CHVI and heritage attributes would be removed from the Study Area, and a tangible reminder of the late 19th-century farmhouse, barn, and landscape features would be lost, resulting in further attrition of heritage property building stock in the municipality and province. Even if some materials are salvaged, there is potential that their connection with the farmhouse and its historical or associative value will eventually be lost. Demolition of viable buildings also means the unnecessary addition of building material to a landfill.

Overall feasibility: This option is not feasible because:

- The high level of CHVI retained by the heritage attributes as representative examples of turn of the century farm elements.
- The property is in overall good condition.

7.5 SUMMARY

Option 1 is identified to be that which best balances the economic viability of the Study Area and the long-term sustainability of the original farmhouse as a valued historic structure with intact heritage attributes.

Option 1 will:

- Preserve a tangible element of the Town’s architectural and agricultural history;
- Retain understanding of the property within its specific historical and land use setting; and
- Encourage public understanding and appreciation of the Town’s built and agricultural heritage.

To support Option 1, a 50 m buffer around the property’s heritage attributes should be applied to the extraction limit to protect the property’s heritage attributes from potential adverse impacts as a result from construction related activity (see Figure 11). This buffer reflects research (i.e. Carmen et al. 2012 and Randl 2001) and consultation with WSP vibration specialists, which determined a 50 m buffer adequate for capturing potential vibration impacts to physical heritage attributes such as built structures.

UPDATE No. 1 (September 2025): The below text and Table 8 have been added to illustrate that the preferred conservation strategy is aligned with the requirements of the Ontario Heritage Act, PPS 2024, Aggregate Resources Act, and Regional and Municipal Official Plan policies.

The alternatives selected as the preferred conservation strategy for the Study Area are aligned with the requirements of the *Ontario Heritage Act*, PPS 2024, Region of Peel Official Plan, and Town of Caledon Official Plan. The heritage evaluation (Section 5) and impact assessment (Section 6 and 7) satisfy the requirements for cultural heritage under the Aggregate Resources Act. All recommendations contained in this report follow applicable Official Plan policies in effect by the Region of Peel and Town of Caledon. Monthly discussions between WSP’s Cultural Heritage Specialists and Heritage Planning staff at the Town, initiated June 2024, are ongoing.

Table 8: Policies and Guidelines met as part of this HIA

POLICY / GUIDANCE	MET
<i>Aggregate Resources Act</i> (Ontario Regulation 244/97)	✓
Provincial Planning Statement (2024)	✓
<i>Ontario Heritage Act</i> (Ontario Regulation 9/06, Bill 23, Bill 200)	✓
Region of Peel Official Plan	✓
Town of Caledon Official Plan	✓
Town of Caledon Terms of Reference for Heritage Impact Assessments	✓
MCM’s Heritage Property Evaluation: A Guide to Listing, Researching, and Evaluating Cultural Heritage Property in Ontario Communities	✓
MCM’s Heritage Resources in the Land Use Planning Process, InfoSheet #5, Heritage Impact Assessments and Conservation Plans	✓
MCM’s Standards and Guidelines for Conservation of Provincial Heritage Properties: Heritage Identification & Evaluation Process	✓

Provided that the recommendations contained in this report are implemented, the applicable *Ontario Heritage Act*, PPS 2024, *Aggregate Resources Act*, and Regional and Municipal Official Plan policies are satisfied.

UPDATE No. 1 (September 2025): The below text has been added to reflect ongoing conversations between WSP and the Town and acknowledges that a ‘Notice of Intention to Designate’ the subject property, 18722 Main Street, was issued by the Town of Caledon on March 12, 2024 (Town of Caledon 2024b and 2024c).

Note that in the time since the original submission (2023), the Town presented a staff report at the Heritage Caledon Committee meeting on February 5, 2024 and issued a NOID for 18722 Main Street on March 12, 2024 (Town of Caledon 2024b and 2024c) with the following description:

The property is located on the west side of Main Street, north of Charleston Sideroad, being Part of Lots 17 and 18, Concession 4 WHS, within the former geographic Township of Caledon.

Built between 1899 and 1905 for James Cameron, the red brick farmhouse is representative of the Italianate architectural style with its two-storey massing, hipped roof with wide overhanging eaves and decorative brackets, dichromatic stone accents including segmental stone eyebrow arches and carved lug sills on window and door openings, and wood frames with carved arched head accents on window and door openings. The farmhouse is set back from the road, accessed by a driveway lined with mature trees. At the rear of the driveway, to the south of farmhouse is a three-bay timber-framed barn built in the gable-roof Central Ontario style, likely constructed at the same time as the house.

The grouping of contemporary elements such as the farmhouse, barn, and tree-lined drive supports the contextual value of the property. This complex is closely tied, both physically and historically, to similar properties in the surrounding area. As a turn of the century farmstead, the spatial organization and mix of structural elements on the property maintain and supports the rural agricultural character of the wider area.

(Town of Caledon, 2024c)

Additionally, WSP facilitated production of a draft Reference Plan (R-Plan) to further support Option 1 by identifying the portion of the parcel containing the property's heritage attributes. This R-Plan will be used to define the future Part IV Designation limits and the current draft is presented in Appendix B.

At the time of updated report submission, the Part IV Designation has not yet been approved by Council.

8 SUMMARY STATEMENT AND RECOMMENDATIONS

WSP was retained by CBM to complete a HIA for 18722 Main Street in the Town of Caledon, Regional Municipality of Peel, Ontario (the Study Area). The irregular-shaped, 48.5-hectare (120-acre) Study Area is located on the southwest side of Main Street, approximately 645 m northwest of Charleston Sideroad. The Study Area is surrounded by agricultural properties. Within the Study Area is a two-storey red brick Italianate style residence constructed between 1899 and 1905 and a rear addition built in the 20th century. The Town of Caledon issued a NOID for the Study Area under Part IV of the *Ontario Heritage Act* on March 12, 2024. The Study Area is not identified as a Cultural Heritage Landscape in the Town's Cultural Heritage Landscape Inventory (Scheinman 2009).

CBM proposes to develop a portion of the Study Area as part of a quarry site, with the proposed work including removing the surface vegetation and overburden, creating temporary workspaces or laydown areas, extracting the limestone resources, and ultimately rehabilitating the site.

An evaluation of the Study Area for this HIA determined that the Study Area has CHVI because it meets four criteria prescribed in O. Reg 9/06 of the *Ontario Heritage Act* (1, 2, 7, and 8). The Study Area's CHVI is principally linked to its farmhouse, which has physical value as a well-preserved representative example of an Italianate style farmhouse with a high degree of craftsmanship in its detailing and contextual value of the farmhouse, barn, and mature vegetation of the Study Area for its physical and historical connections to its surroundings, and since it is important in defining, maintaining, and supporting the agricultural and rural character of the area.

An impact assessment of the proposed work determined that the Study Area will be subject to both direct and indirect negative impacts. To avoid or reduce these effects, WSP recommends to:

- Retain the farmhouse, barn, and mature vegetation on site in their original use.

UPDATE No. 1 (September 2025): *The following recommendations have been updated to respond to comments received from Town of Caledon Heritage Planning staff, regulatory updates, and project progression since the July 2023 submission. In particular, the status of the property's designation process under Part IV of the Ontario Heritage Act, the preparation of a Draft Reference Plan to delineate limits of heritage attributes, and the proposed details and timing of conservation measures have been updated and included to reflect monthly meetings with the Town, ongoing since June 2024, and comments received on the July 2023 submission on March 18, 2025.*

UPDATE No. 2 (February 2026): *As part of the updated report submission, the following recommendations have been revised to address Town comments dated December 21, 2025 and to guide heritage conservation recommendations that must be included on the ARA Site Plan Technical Recommendations.*

To achieve this conservation strategy, the following mitigation measures are recommended:

- 1 The limit of extraction shall be revised as shown on Figure 11 and in Appendix A to accommodate the 50 m buffer to protect the heritage attributes of the property from potential adverse impacts as a result from construction related activity. This no-go zone shall be indicated on all project mapping and communicated to project personnel.
- 2 Vibration impacts:
 - a Implement the recommendations of the blast impact assessment (WSP 2022b) to ensure the structural integrity of the farmhouse and barn are maintained.

- b Vibration from blasting activities will potentially impact the heritage attributes identified for this property. To avoid or reduce the risk of vibrations resulting in adverse impact and ensure the structural integrity of the heritage attributes is maintained, the vibration monitoring protocol developed by a qualified vibration specialist shall be implemented during the activities of the mineral aggregate operation. Should the vibration threshold be exceeded, blasting designs which are affecting the receptors must be reassessed to determine appropriate next steps.
- 3 Fugitive dust impacts:
 - a The application has been designed to meet provincial blasting limits and air quality guidelines. CBM has conducted air quality monitoring in the vicinity of the site. Overall the air quality is consistently below provincial guidelines, taking into account the existing aggregate operations and the existing truck traffic in the area. With the addition of the proposed CBM Caledon Pit / Quarry operations, including emissions from aggregate trucks accessing the site, the air quality is still predicted to be below provincial guidelines at surrounding residences.
 - b Implement the recommendations of the Air Quality Impact Assessment (WSP 2023), Best Management Practices Plan for the Control of Fugitive Dust (WSP 2025a), and Air Quality Monitoring Plan (WSP 2025b).
- 4 Landscape treatments, such as berms or vegetative screens, should be employed and placed between the heritage attributes and the construction/ extraction activities to help dampen any noise or vibration effects.
 - a Position the perimeter berm between the extraction limit and the property boundary to help lessen indirect effects from vibrations or noise.
 - b Construct a swale positioned between the barn and the perimeter berm, setback beyond 3 m from the barn, that extends eastward to the road to alleviate runoff from the perimeter berm and direct drainage away from the barn. As proposed by WSP Engineers and accepted by Town of Caledon Heritage Planners and Engineers (S. Drummond, email communication, January 7 2025), the swale should provide approximately 80 m of length and approximately 1 m of drop for a continuous slope of approximately 1.25%.
- 5 Ensure that the property remains inhabited.
 - a If the property is vacated before the site-specific mitigation measures are implemented, a qualified specialist shall develop a mothball plan for the farmhouse, with a maintenance and inspection schedule, to conserve the structure until further action is implemented.
- 6 Develop a management and maintenance plan to guide the management of the heritage attributes and outline how the heritage attributes of the structure will be protected and maintained during the activities of the mineral aggregate operation. Consider maintenance manuals such as the Province of Manitoba and Canada's Historic Places "[Heritage Building Maintenance Manual](#)". This plan can be presented as a Technical Memorandum.
 - a *It is acknowledged as part of this updated report (February 2026) that, at the Town's request, a Heritage Conservation Plan will be produced in lieu of a Heritage Management and Maintenance Plan.*
- 7 As the evaluation of the farmhouse and its associated parcel determined that the property meets two or more criteria under the *Ontario Heritage Act*, it is eligible for designation under Part IV. Consider designating the farmhouse and a portion of the parcel associated with the heritage attributes under Part IV of the *Ontario Heritage Act*.
 - a *It is acknowledged as part of this updated report (September 2025) that the Town has issued a NOID for the property and a Draft Reference Plan (R-Plan) has been prepared to guide the limits of the future Part IV Designation (Appendix B).*
- 8 Add the following notes to the ARA Site Plan Technical Recommendations to establish required conservation measures for 18722 Main Street that shall be tracked by the Ministry of Natural Resources as part of the CBM Caledon Pit / Quarry site license:

In order to conserve the heritage attributes located at 18722 Main Street the licensee shall:

1. To conserve the farmhouse at 18722 Main Street, the following mitigation measures shall be implemented:
 - a) The limit of extraction shall include a 50 m buffer from the farmhouse and barn to protect the heritage attributes of the property.
 - b) Prior to site preparation, the licensee shall erect fencing at the license boundary to create a 'no-go zone' to reduce the risk of accidental damage from vehicles, heavy equipment operation, or other activities of the mineral aggregate operation.
 - c) Implement the recommendations of the blast impact assessment to ensure the structural integrity of the farmhouse and barn are maintained.
 - d) A berm or vegetative screen shall be placed between the license boundary for 18722 Main Street and the limit of extraction
 - e) The property at 18722 Main Street shall remain inhabited. In the event the property is vacated, a qualified specialist shall develop a mothball plan for the farmhouse, with a maintenance and inspection schedule, to conserve the structure until the property is inhabited again.

Provided that the recommendations contained in this report are implemented, the applicable *Ontario Heritage Act*, PPS 2024, *Aggregate Resources Act*, and Regional and Municipal Official Plan policies, related to built heritage are satisfied.

9 ASSESSOR QUALIFICATIONS

This report was prepared and reviewed by the undersigned, employees of WSP. The qualifications of the assessors involved in the preparation of this report are provided in Appendix A.

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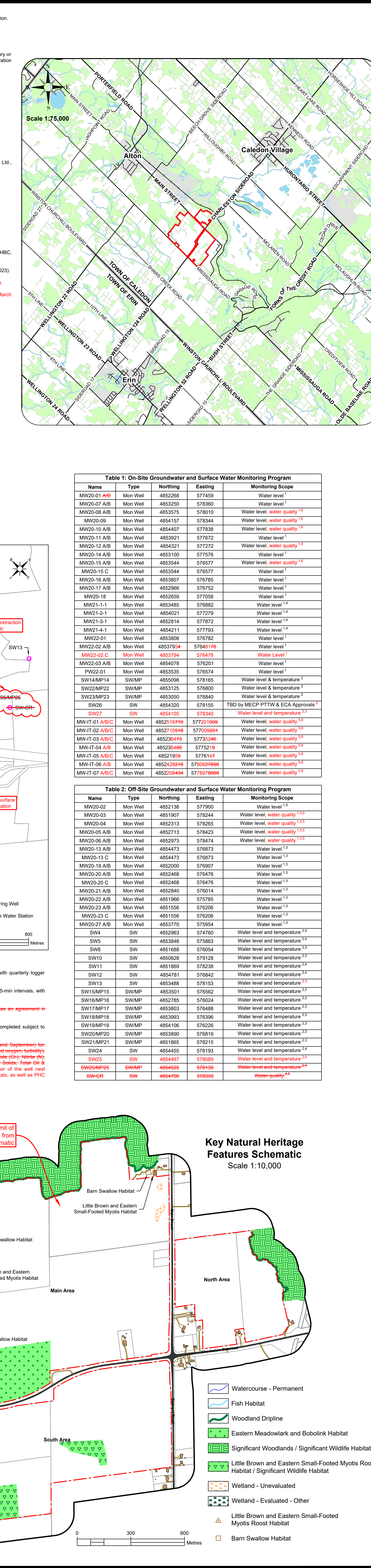
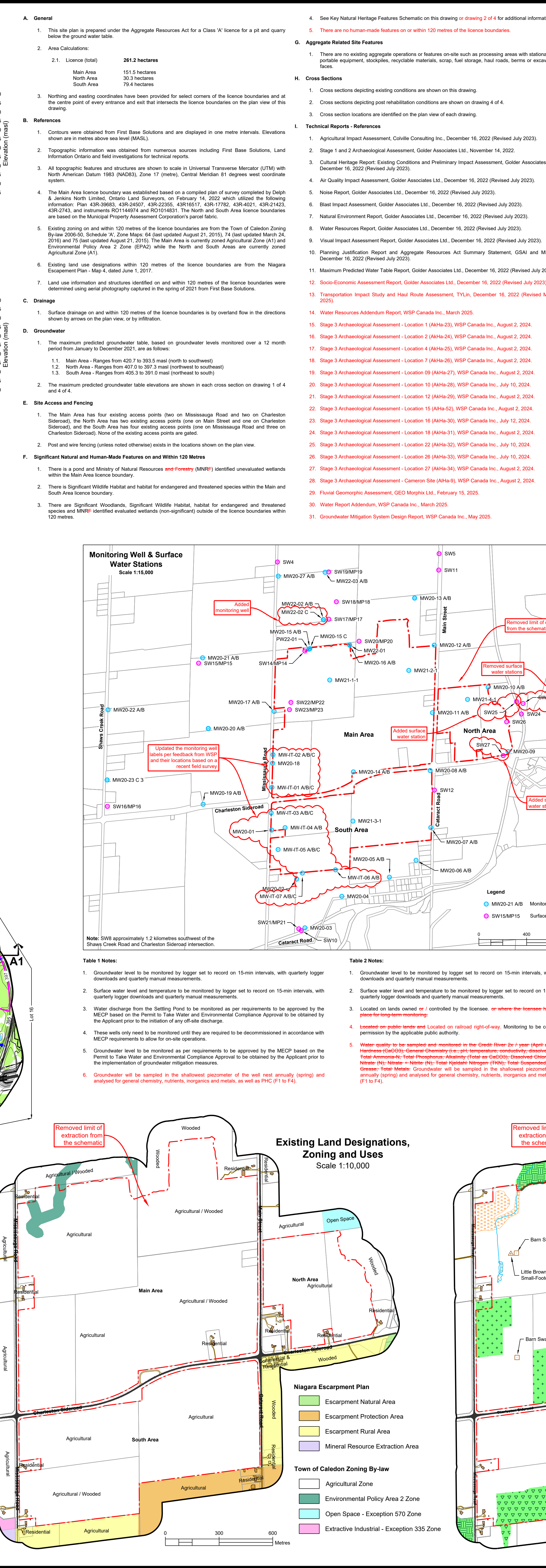
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Appendix A:

Site Plan (May 2025)





Legal Description
Part of Lots 15-1748, Concession 4 WSCR and Part of Lot 16, Concession 3 WSCR (former geographic Township of Caledon)
Township of Caledon
Regional Municipality of Peel

Legend

- Licence Boundary
- Limit of Extraction
- Contours with Elevation
- Public Road
- Driveway
- Railway
- Watercourse
- Watercourse
- Water Feature
- Wooded Area
- Wetland
- Wetland
- Additional Land Owned by Licensee
- 120m Offset From Draft Licence Boundaries
- Lots and Concessions
- Parcel Fabric
- Easement
- Overhead Hydro
- Pipeline
- Fence
- Entrance / Exit
- Direction of Surface Drainage
- Building/Structure
- Cross Sections

Legend - Cross Sections

- Licence Boundary
- Limit of Extraction
- Existing Grade
- Maximum Predicted Water Table
- Maximum Depth of Excavation
- Topsail and/or Overburden
- Aggregate Available for Extraction

Site Plan Acronyms

- ALA - Aggregate Resources Act
- MECP - Ministry of the Environment, Conservation and Parks
- MCCS - Ministry of the Environment and Consumer Services
- DFO - Department of Fisheries and Oceans Canada
- MNR - Ministry of Natural Resources and Forestry
- MCM - Ministry of Citizenship and Multiculturalism
- TSSA - Technical Standards and Safety Authority
- MTC - Ministry of Tourism, Culture and Sport
- ECA - Environmental Compliance and Appeal
- BMP - Best Management Practices Plan
- WWIS - Water Well Information System
- HIA - Heritage Impact Assessment
- CVC - Credit Valley Conservation
- MASL - Metres above sea level
- PTTW - Permit to Take Water
- NTS - Not to Scale

Site Plan Amendments

No.	Date	Description	By
1	May 2025	Update the site plan to address agency and public comments	C.P.
2	March 2025	Update the site plan to address agency and public comments	C.P.
3	August 2024	Updated the site plan to address the MNR's comments from their letter dated January 11, 2024 and the Town of Caledon's comments from their letter dated February 12, 2024	C.P.
4	August 2023	Revised drawing to incorporate updated technical report recommendations	C.P.

Site Plan Revisions (Pre-Licensing)

No.	Date	Description	By
1	May 2025	Update the site plan to address agency and public comments	C.P.
2	March 2025	Update the site plan to address agency and public comments	C.P.
3	August 2024	Updated the site plan to address the MNR's comments from their letter dated January 11, 2024 and the Town of Caledon's comments from their letter dated February 12, 2024	C.P.
4	August 2023	Revised drawing to incorporate updated technical report recommendations	C.P.

MBHC Stamp

MBHC Stamp

Applicant

Project

Caledon Pit & Quarry
18722 Main Street, Caledon, Ontario

MNR Licence Reference No.

626600

Applicant's Signature

Date

August 2023 May 2025

Plan Scale: 1:5000 (Arch E)

Drawn By

C.P.

File No.

8816AF

File Name

Existing Features

Drawing No.

1 of 4

File Path

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A. General

1. Area Calculations
- 1.1. License (total) **261.2 hectares**
- Main Area: 125.0 hectares
North Area: 30.3 hectares
South Area: 79.4 hectares
- 1.2. Limit of Extraction (LOEL) **125.0 hectares**
- Main Area: 125.0 hectares
North Area: 16.0 hectares
South Area: 59.9 hectares
2. The maximum annual storage is 2,500,000 m³.
3. The following structures shall be permitted within the **Building/Licensee Area Facility Pad, Building Location and Recycling Area** identified on the plan view of this drawing:
- | Building | Width | Length | Area |
|---------------------|--------|--------|------------------------|
| Scale House | 3.7 m | 12.2 m | 45.1 m ² |
| Quality Control Lab | 3.7 m | 12.2 m | 45.1 m ² |
| Maintenance Shop | 36.6 m | 45.7 m | 1,672.6 m ² |
| Office | 13.7 m | 18.3 m | 250.7 m ² |
4. The licensee intends to retain ownership or control of additional land containing a house (in the northwest of the Main Area) during the extraction operations which will be retained prior to, and remain retained within the 500 metres distance from the Main Area. The licensee shall retain ownership or control of the property until the licensee shall notify the MHBC immediately and provide mitigation necessary to ensure the retention of the property and ensure the property remains within the 500 metres distance from the Main Area.
5. The licensee boundaries are within the Credit Valley Source Protection Area but are not located within a wellhead protection area or an intake protection zone and shall be no impact to municipal water supplies.

B. Hours of Operation

1. Activities to prepare the Site, such as the siting of the pit, construction of the berms, or activities related to the rehabilitation of the Site after the extraction is completed are considered to be construction activities and are only permitted to occur during the daytime period (7:00am to 7:00pm Monday to Friday except statutory holidays).
2. Activities for site operations, such as extraction, processing and grinding are permitted to occur during the daytime period (7:00am to 7:00pm Monday to Saturday, except statutory holidays).
3. Activities related to shipping are permitted from 6:00am to 7:00pm Monday to Saturday, except statutory holidays. Shipping is permitted from 7:00pm to 6:00am only where required to support public authority contracts that necessitate the delivery of aggregate during these hours. Shipping activities from 7:00pm to 6:00am shall be limited to highway trucks and shipping loaders and no other operations shall be permitted.
4. Blasting is permitted from 8:00am to 6:00pm Monday to Friday, except statutory holidays.

C. Site Access and Fencing

1. The existing access access point on Charleston Sideroad and the southern access point on Mississauga Road for the Main Area (as shown on drawing 1 of 4) shall be removed during site preparation of the Main Area. The existing access access point on Charleston Sideroad (as shown on the plan view) shall remain to access the CBM Caledon Pit Quarry office and quality control lab. The northern access point on Mississauga Road (as shown on the plan view) may remain for maintenance purposes only.
2. The site access access points for the North Area (as shown on drawing 1 of 4) may remain, and shall not be gated, while the North Area is utilized for agricultural purposes (see Section N Variations from Control and Operation Standards). The existing access points on Main Street and Charleston Sideroad (as shown on the plan view) may remain for maintenance purposes only.
3. The four existing access points for the South Area (as shown on drawing 1 of 4) may remain, and shall not be gated, while the South Area is utilized for agricultural purposes (see Section N Variations from Control and Operation Standards). During site preparation of the South Area, the four existing access points on Charleston Sideroad shall be removed. The site access on Mississauga Road (as shown on the plan view) may remain for maintenance purposes only.
4. The main operational entrance/exist shall be located in the location shown on the plan view of this drawing, subject to an agreement with the Region of Peel. See site entrance simulation on this drawing.
5. The North and South Areas shall be accessed by tunnels beneath both Main Street and Charleston Sideroad in the locations shown on the plan view of this drawing, subject to an agreement with the Region of Peel (see Section N Variations from Control and Operation Standards). Temporary access points shall be provided in the North and South Areas to facilitate local construction.
6. The operational office, quality control lab, maintenance and/or temporary access points shall be gated, kept closed during hours of non-operation and maintained throughout the life of the license.
7. Pave area and/or kerbside fencing a minimum 1.2 metres in height, shall be erected along the licensee boundaries and the perimeter of the cell tower area (see Cell Tower Detail on the drawing) in a phased approach (see Section N Variations from Control and Operation Standards). The cell tower area is removed, fencing shall be erected along the licensee boundary. Prior to site preparation commencing in the Main North or South Area, fencing shall be installed along the perimeter of the Main Area.
8. In order to remove disturbance to existing vegetation, perimeter fencing may be offset up to five metres from the licensee boundary (see Section N Variations from Control and Operation Standards). Where perimeter fencing is offset from the licensee boundary, the licensee boundary shall be demarcated with highly visible 7.6cm x 10cm PVC every 30 metres, or less, to maintain visibility from one Phase to the next.
9. All fencing shall be maintained for the life of the license.
10. A sign of at least 0.5 metres by 0.5 metres in size shall be erected and maintained at the operational entrance/exist that says in legible words "This site is licensed under the Aggregate Resources Act license # C20007".

D. Drainage and Siltation Control

1. Drainage of undisturbed areas will continue in the directions shown on drawing 1 of 4.
2. Silt fencing shall be installed in a phased approach. Prior to site preparation commencing in the Main, North or South Area, silt fencing shall be installed on the exterior side of perimeter berms and along the exterior of significant woodlands (as shown on the plan view of this drawing). See Natural Environment note in Section O Technical Recommendations on drawing 3 of 4 for additional information.
3. Silt fencing shall be inspected prior to site preparation activities to ensure it was installed correctly and during extraction operations to ensure that the fencing is being maintained and functioning properly. Any issues that are identified shall be rectified immediately.
4. Silt fencing shall not be removed until re-vegetation and soil stabilization has occurred to limit sedimentation of the setbacks.
- E. Site Preparation
1. Existing structures within the licensee boundary not deemed to have cultural heritage potential outside of the Cultural Heritage Potential areas shall be demolished or removed prior to site preparation within each Area. Structures with cultural heritage potential within the Cultural Heritage Potential areas shall be retained and used as saw logs, fence posts and fuel wood where appropriate. Cleared stumps and brush may be limited (with applicable permits), used for aquatics habitat enhancement or mulched for use in progressive rehabilitation.
2. Ensure all requirements for natural environment notes 8 to 9 to 9.2 under Section O Technical Recommendations on drawing 3 of 4 are met, if applicable.
4. Topsoil and overburden shall be stripped and stored separately.
5. Topsoil and overburden shall be placed in random intervals/burns or used immediately for progressive rehabilitation.
6. Existing topsoil and overburden not required for immediate use in berms or progressive rehabilitation may be temporarily stockpiled within the limit of extraction in the location shown on the plan view of this drawing. Topsoil and overburden stockpiles in this location shall not exceed eight metres in height and may be located within 30 metres of the licensee boundary (see Section N Variations from Control and Operation Standards).
7. In situations where access topsoil and overburden has to be temporarily stockpiled outside the area shown on the plan view of this drawing, stockpiles shall be located within the limit of extraction and remain a minimum of 30 metres from the licensee boundary and 50 metres from a property with a residential use.
8. Temporary topsoil and overburden stockpiles which remain for more than one year shall have their slopes vegetated to control erosion. Seeding shall not be required if these stockpiles have been vegetated within the first year.
9. No topsoil shall be removed from the site (see Section N Variations from Control and Operation Standards).
10. Ensure the cultural heritage and archaeology technical recommendations in Sections O.4 and O.5 on drawing 3 of 4 have been completed for the phase undergoing preparation, if applicable.

F. Berms and Screening

1. Berms shall not be located within three metres of the licensee boundary or cell tower area.
2. Berms shall be a minimum of five metres in height, except for a section of the berm along the western extent of the Main Area, which shall be a minimum of seven metres in height (see plan view for location).
3. Berm side slopes shall not exceed 2:1 (horizontal : vertical).
4. The minimum width of the berm crest shall be two metres.
5. See Typical Acoustic and Visual Berm detail on this drawing for additional information.
6. Berms shall be located in accordance with visual note 6 in Section O Technical Recommendations on drawing 3 of 4.
7. Existing vegetation within the setbacks shall be maintained where berms are not required.

G. Site Dewatering

1. Refer to the water technical recommendations in Section O.7 on drawing 3 of 4 for information regarding site dewatering.

H. Extraction Sequence

1. This plan depicts a schematic operation for the property based on the best information available at the time of preparation.
2. Extraction shall occur in eight phases (Phases 1, 2A, 2B, 3, 4, 5, 6 and 7) as shown on the plan view.
3. Notwithstanding the operations and rehabilitation notes, demands for certain products or blending of materials may require minor deviations in the extraction and rehabilitation sequence. Any major deviations from the operation sequence shown shall require approval from the MHBC.
- Phase 1
1. Prepare Phase 1 for extraction and ensure all requirements in Sections "C" through "G" of this drawing are met.
2. Strip Phase 1 and use the material to construct the perimeter berm for the Main Area.
3. Extract sand and gravel in a northeasterly direction to top of bedrock.
4. Once bedrock is reached, establish facility pad for permanent processing area at an elevation of 387.0 msl.
5. Commence quarrying operations through sinking cut.
6. Continue extracting the pit and quarry in a northeasterly direction before proceeding in a northeasterly direction.
7. Phase 1 may be extracted to a maximum depth between 384.0 and 392.7 msl.
8. Progressive rehabilitation shall consist of backfilling the southeast and northeast phase boundary to establish the final elevations and grades depicted on the plan view for drawing 4 of 4.
9. Prepare Phases 2A and 2B for extraction and ensure all requirements in Sections "C" through "G" of this drawing are met.

3. Phases 2A

- 3.1. Strip Phase 2A and use the material to construct the perimeter berm for the North Area, for progressive rehabilitation in Phase 1 or temporarily stockpile the material in the topsoil and overburden stockpile area.
- 3.2. Extract pit and quarry in a northeasterly direction before proceeding in a southeasterly direction.
- 3.3. Phase 2A may be extracted to a maximum depth between 387.2 and 392.7 msl.
- 3.4. Establish tunnel beneath Main Street to connect with Phase 2B.
- 3.5. Progressive rehabilitation shall consist of backfilling a portion of the phase to pre-extraction grades as well as the side slopes to establish the final elevations and grades depicted on the plan view of drawing 4 of 4.
- Phase 2B
- 4.1. Strip Phase 2B and use the material for progressive rehabilitation in Phases 1 and 2A or temporarily stockpile the material in the topsoil and overburden stockpile area.
- 4.2. Create sinking cut to establish tunnel beneath Main Street to connect with Phase 2A.
- 4.3. Extract pit and quarry in a northeasterly direction before proceeding in a southeasterly direction.
- 4.4. Phase 2B may be extracted to a maximum depth between 383.3 and 385.0 msl.
- 4.5. Progressive rehabilitation shall consist of backfilling the side slopes and quarry floor to establish the final elevations and grades depicted on the plan view of drawing 4 of 4.
- 4.6. Prepare Phase 3 for extraction and ensure all requirements in Sections "C" through "G" of this drawing are met.

5. Phase 3

- 5.1. Use the topsoil and overburden stockpiled in Phase 3, as well as the existing material, for progressive rehabilitation in Phases 2A and 2B.
- 5.2. Construct a slurry wall / grout zone in the southwest setback of the Main Area prior to extraction in Phase 3.
- 5.3. Extract pit and quarry in a southwest direction.
- 5.4. Phase 3 may be extracted to a maximum depth between 383.9 and 386.0 msl.
- 5.5. Progressive rehabilitation shall consist of backfilling a portion of the phase to pre-extraction grades and side sloping to establish the final elevations and grades depicted on the plan view of drawing 4 of 4.
- 5.6. Prepare Phase 4 for extraction and ensure all requirements in Sections "C" through "G" of this drawing are met.

6. Phase 4

- 6.1. Use the topsoil and overburden stockpiled in Phase 4, as well as the existing material, for progressive rehabilitation in Phases 2A, 2B, 3, 4 and backfilling the tunnel beneath Main Street.
- 6.2. Construct infiltration trenches in the southwest setback of the Main Area prior to extraction in Phase 4.
- 6.3. Extract pit and quarry in a southwest direction before proceeding in a northeasterly direction.
- 6.4. Phase 4 may be extracted to a maximum depth between 382.3 and 385.0 msl.
- 6.5. Progressive rehabilitation shall consist of backfilling a portion of the phase to pre-extraction grades as well as side slopes to establish the final elevations and grades depicted on the plan view of drawing 4 of 4.
- 6.6. Prepare Phase 5 for extraction and ensure all requirements in Sections "C" through "G" of this drawing are met.

7. Phase 5

- 7.1. Strip Phase 5 and use the material for progressive rehabilitation in Phases 4 and 5 and any other areas requiring backfilling with the Main Area. Any remaining topsoil and overburden shall be used for the future progressive rehabilitation in Phases 6 and 7.
- 7.2. Extract pit and quarry in a southeasterly direction.
- 7.3. Phase 5 may be extracted to a maximum depth between 380.9 and 384.7 msl.
- 7.4. Progressive rehabilitation shall consist of backfilling the side slopes (where applicable) to establish the final elevations and grades depicted on the plan view of drawing 4 of 4.
- 7.5. A portion of the quarry floor in the southwest corner of Phase 5 shall remain vertical (see Section N Variations from Control and Operation Standards). The exposed rock face will be approximately 128 metres in length.
- 7.6. Prepare Phase 6 for extraction and ensure all requirements in Sections "C" through "G" of this drawing are met.

8. Phase 6

- 8.1. Strip Phase 6 and use the material to construct the perimeter berm for the South Area or temporarily stockpile for future use with progressive rehabilitation.
- 8.2. Construct slurry wall / grout zone and infiltration trenches in the southwest and southwest setback of the South Area prior to extraction in Phase 6.
- 8.3. Create sinking cut to establish tunnel beneath Charleston Sideroad to connect with Phase 1.
- 8.4. Extract pit and quarry in a southeasterly direction.
- 8.5. Phase 6 may be extracted to a maximum depth between 380.0 and 391.4 msl.
- 8.6. Progressive rehabilitation shall consist of backfilling the quarry floor and side slopes to establish the final elevations and grades depicted on the plan view for drawing 4 of 4.
- 8.7. Prepare Phase 7 for extraction and ensure all requirements in Sections "C" through "G" of this drawing are met.

9. Phase 7

- 9.1. Strip Phase 7 and use the material for progressive rehabilitation in Phases 6 and 7.
- 9.2. Extract pit and quarry in a southeasterly direction before proceeding in a southeasterly direction.
- 9.3. Phase 7 may be extracted to a maximum depth between 381.3 and 386.6 msl.
- 9.4. Extract facility pad in Main Area.
- 9.5. Progressive rehabilitation shall consist of backfilling the quarry floor (including tunnel) and side slopes (where applicable) to establish the final elevations and grades depicted on the plan view of drawing 4 of 4.
- 9.6. Upon completion of extraction in Phase 7, the slurry wall adjacent to the infiltration trenches in the southwest and southeast corner of the South Area shall be removed and backfilled with sand.
- 9.7. A portion of the quarry floor in the southwest and southeast corner of Phase 7 shall remain vertical (see Section N Variations from Control and Operation Standards). The exposed rock face will be approximately 465 metres in length. Two access points (see note 2.1 in this drawing for additional information) and a quarry floor shall be provided in the locations shown on the plan view of drawing 4 of 4. The access points shall be backfilled with highly permeable sandy material (10:5) or un-compacted 8 (10:5). Slurry wall compacted 10 (10:5) shall be utilized, the access points shall not exceed 30 metres in width.

L. Extraction Details

1. All wells within five metres of the excavation face inside the limit of extraction shall be removed.
2. The maximum height of a lift within the pit shall not be greater than 1.5 metres above the highest reaching excavating equipment being utilized on-site.
3. The maximum height of a lift within the quarry shall be 25 metres.
4. The maximum depth of material below top of bedrock in Phase 1 is approximately 27 metres. Areas of Phase 1 that are less than 25 metres in depth shall be extracted in one lift while areas greater than 25 metres in depth shall be extracted in two lifts.
5. The maximum depth of material below top of bedrock in Phase 2A is approximately 26 metres. Areas of Phase 2A that are less than 25 metres in depth shall be extracted in one lift while areas greater than 25 metres in depth shall be extracted in two lifts.
6. The maximum depth of material below top of bedrock in Phase 2B is approximately 14 metres and shall be extracted in one lift.
7. The maximum depth of material below top of bedrock in Phase 3 is approximately 27 metres. Areas of Phase 3 that are less than 25 metres in depth shall be extracted in one lift while areas greater than 25 metres in depth shall be extracted in two lifts.
8. The maximum depth of material below top of bedrock in Phase 4 is approximately 27 metres. Areas of Phase 4 that are less than 25 metres in depth shall be extracted in one lift while areas greater than 25 metres in depth shall be extracted in two lifts.
9. The maximum depth of material below top of bedrock in Phase 5 is approximately 25 metres and shall be extracted in one lift.
10. The maximum depth of material below top of bedrock in Phase 6 is approximately 18 metres and shall be extracted in one lift.
11. The maximum depth of material below top of bedrock in Phase 7 is approximately 16 metres and shall be extracted in one lift.
12. Extraction may occur concurrently in Phases 2A and 2B.
13. Extraction shall be permitted in two phases simultaneously to allow for transition between phases.
14. Blasting shall be permitted only Monday to Friday, excluding statutory holidays, during the hours specified in note 8.4 on this drawing. However, it is anticipated that the frequency of blasts will typically be no less than once per week.
15. As excavation reaches the limit of extraction, progressive rehabilitation shall commence in the locations to be backfilled.
16. Aggregate stockpiles (including reusable material) shall be located within the limit of extraction and remain a minimum of 30 metres from the licensee boundary and 50 metres from a property with a residential use.
17. Berms that encroach within the limit of extraction shall be removed, and the underlying aggregate may be extracted, as part of final extraction/rehabilitation of the site.
18. Internal haul road locations will vary on the pit and quarry floor as extraction progresses.

J. Equipment and Processing

1. Equipment used on-site may include jaw crushers, excavators, bulldozers, sleds, shovels, screeners, conveyors, hoppers, mobile cone crushers, drill rigs, generators, front loaders, shipping loaders, shipping trucks, haul trucks, and water trucks.
2. Processing equipment shall remain a minimum of 30 metres from the licensee boundary and 50 metres from a property with a residential use.
3. Processing equipment in the Main Area will initially be portable and shall be situated in the location identified on the Noise Mitigation Schematic on this drawing or drawing 3 of 4. As operations progress and the top of bedrock is exposed, a permanent processing plant will be constructed within the facility pad area (Main Area) as shown on the plan view of this drawing. Once the permanent processing plant is operational within the facility pad area, the temporary processing plant in the Main Area shall be demolished. In Phase 6 (South Area), a processing plant consisting of a primary crusher and primary screen (located from the Main Area) shall be constructed in the location identified on the Noise Mitigation Schematic on this drawing or drawing 3 of 4. Once sufficient area is extracted within Phase 6, during Phase 6 the remaining permanent processing equipment located in the facility pad area (Main Area) will remain operational until extraction of the facility pad area is required in Phase 7. Prior to the extraction of aggregate from beneath the facility pad area in Phase 7, the remaining permanent processing equipment in the facility pad area will be demolished and portable processing equipment will be relocated to the quarry floor in the Main Area for the duration of the operation.

K. Fuel Storage

1. Fuel storage tanks shall be located in close proximity to the maintenance shop. Fuel storage tanks shall be installed and maintained in accordance with the Technical Standards and Safety Act and Liquid Fuels Regulation (2761).
2. All fuel tanks shall be double sided or placed in containment facilities large enough to hold the tanks maximum volume.
3. Fuel trucks shall be used to transfer fuel to on-site equipment in accordance with the Liquid Fuels Handling Code.
4. A Spill Contingency Plan shall be prepared and implemented prior to site preparation. The Spill Contingency Plan shall be available on-site and all employees and contractors shall be informed and required to comply with this plan.

L. Scrap and Recycling

1. Scrap may be stored on-site within the Facility Pad, Building Location and Recycling Area identified on the plan view of this drawing (see note 3.3 on this drawing for additional information) and shall be removed on an on-going basis.
2. Scrap shall only include material generated directly as a result of the aggregate operation such as rebar, debris, scrap metal, lumber, discarded machinery, equipment and motor vehicles.
3. All fuels shall be collected from any discarded equipment, machinery or motor vehicle prior to storage and disposed of in accordance with the Environmental Protection Act.
4. Scrap shall not be stored within 30 metres of any body of water or the licensee boundary, and shall be kept in close proximity to the main processing area.
5. Recycling of concrete shall be permitted on-site.
6. Recyclable material shall be kept in close proximity to the main processing area within the Facility Pad, Building Location and Recycling Area identified on the plan view of this drawing (see note 3.3 on this drawing for additional information).
7. Rebar or other structural metal shall be separated from recyclable aggregate material during processing and placed in a designated scrap pile or pile which shall be removed on an on-going basis.
8. Recycled aggregate shall be removed on an on-going basis.
9. Recycling activities shall not interfere with the operational phases of the site or with rehabilitation.
10. Once the site is depleted, no further importation of recyclable material shall be permitted.
11. Once final rehabilitation has been completed and approved in accordance with the site plan, all recycling operations shall cease.
12. The site shall be kept in an orderly condition.

M. Maximum Disturbed Area

1. The maximum disturbed area is 95.0 hectares. Disturbed areas shall include active extraction areas, stockpile areas, internal haul routes, areas being progressively rehabilitated and berms until they are vegetated. Areas that have been side-sloped and vegetated, and the adjacent un-vegetated or forested wooded quarry floor (eg. stockpiles and equipment removed), shall not constitute disturbed areas.

N. Variations from Control and Operation Standards

Section 6.13 Standard	Variation	Rationale
(1) 1 & 2	1. A gate shall not be required for the tunnel crossings. 2. Gates shall not be required in an Area that is not currently undergoing site preparation.	1. The tunnel crossings are beneath the road allowance. Therefore, access is already restricted. 2. This will enable agricultural operations to continue without being impeded.
(1) 3	A clear view of the road in both directions shall not be provided by the tunnel crossings.	The tunnel crossings are beneath the road allowance. Therefore, visibility in both directions is not possible.
(1) 9 & 10 A	1. Excavation may occur within the setback at the tunnel crossings. 2. Excavation may occur within the setbacks where the groundwater infiltration trenches and slurry walls are located.	1. This will facilitate construction associated with the tunnel. 2. This will facilitate construction associated with the groundwater infiltration trench and slurry wall.
(1) 11	Aggregate / overburden may be removed from the setback at the tunnel crossings.	1. This will facilitate construction associated with the tunnel. 2. This will facilitate construction associated with the groundwater infiltration trench and slurry wall.
(1) 13	Topsoil and overburden within the "Topsoil and Overburden Stockpile Area" may be stockpiled within 30 metres of the licensee boundary.	The "Topsoil and Overburden Stockpile Area" is adjacent to additional land owned by the licensee.
(1) 17	Topsoil and/or overburden may be transferred between the Main, North and South Areas.	This will allow stripped material from site preparation to be used for berm construction, progressive rehabilitation and/or temporary stockpiling in any Area.
(1) 19 & 19.4	1. The minimum side slope within the sand and gravel deposit areas shall be 2:1. 2. Leaving a portion of the extraction face in Phases 5 and 7 vertical will meet the water mitigation requirements.	1. This will enable side slopes to transition seamlessly between the pit and quarry excavation areas. 2. Leaving a portion of the extraction face in Phases 5 and 7 vertical will meet the water mitigation requirements.
(3) (a)	1. Fencing shall be installed in a phased approach. 2. Fencing may be offset up to five metres from the licensee boundary. 3. Fencing shall be installed around the perimeter of the cell tower area.	1. This will minimize the removal of existing trees to accommodate the perimeter fencing. 2. This will minimize the removal of existing trees to accommodate the perimeter fencing. 3. It is the responsibility of the cell tower operator to control access to the area in a manner that they deem appropriate.

Legal Description

Part of Lots 15-1748, Concession 4 WSCR and Part of Lot 16, Concession 3 WSCR (former geographic Township of Caledon)
Township of Caledon
Regional Municipality of Peel

Legend

	Licence Boundary		Additional Land Owned by Licensee
	Limit of Extraction		120m Offset From Licence Boundary
	Contours with Elevation		Easement
	Public Road		Pipeline
	Driveway		Fence
	Railway		Silt Fence
	Entrance / Exit Operational Access		Main Discharge
	Entrance / Exit Office and Maintenance Access		Secondary Discharge
	Tunnel Crossing		Berm (with 2:1 side slopes)
	Gate		General Direction of Excavation & Boundary
	Watercourse		Building/Structure
	Watercourse Intermittent		Topsoil & Overburden Stockpile Area
	Water Feature		Facility Pad, and Building Location and Recycling Area
	Wooded Area		Archaeological Protection Area
	Wetland - Evaluated - Other		Infiltration Trench
	Wetland - MNR - Un-evaluated		Slurry Wall
	Visual Planting Area		Spot Elevation
			Cross Sections

Site Plan Acronyms

- ARA - Aggregate Resources Act
- MECP - Ministry of the Environment, Conservation and Parks
- MGCS - Ministry of Government and Consumer Services
- DFO - Department of Fisheries and Oceans Canada
- MNR - Ministry of Natural Resources and Forestry
- MOEN - Ministry of Citizenship and Multiculturalism
- TSSA - Technical Standards and Safety Authority
- MTCS - Ministry of Tourism, Culture and Sport
- ECA - Environmental Compliance Approval
- BMP - Best Management Practices Plan
- WWIS - Water Well Information System
- HIA - Heritage Impact Assessment
- CVC - Credit Valley Conservation
- MASL - Metres above sea level
- PTTW - Permit to Take Water
- NTS - Not to Scale

Site Plan Amendments

No.	Date	Description	By
1	May 2025	Update the site plan to address agency and public comments	C.P.
2	March 2025	Update the site plan to address agency and public comments	C.P.
3	August 2024	Updated the site plan to address the MNR's comments from their letter dated January 11, 2024 and the Town of Caledon's comments from their letter dated November 17, 2023.	C.P.
4	August 2023	Revised drawing to incorporate updated technical report recommendations	C.P.

Site Plan Revisions (Pre-Licensing)

No.	Date	Description	By
1	May 2025	Update the site plan to address agency and public comments	C.P.
2	March 2025	Update the site plan to address agency and public comments	C.P.
3	August 2024	Updated the site plan to address the MNR's comments from their letter dated January 11, 2024 and the Town of Caledon's comments from their letter dated November 17, 2023.	C.P.
4	August 2023	Revised drawing to incorporate updated technical report recommendations	C.P.

MHBC PLANNING URBAN DESIGN & LANDSCAPE ARCHITECTURE
113 COLLIER STREET, BARRE, ON L4M 1H2 | P. 705.728.0445 F. 705.728.2010 | WWW.MHBCPRJ.COM

MHBC Stamp Brian Zeman
Is authorized by the Ministry of Northern Development and Mines pursuant to Subsection 0.2(3)(f) of the Environmental Protection Act to prepare and certify site plans.

MHBC Stamp Christopher Poole
Is authorized by the Ministry of Northern Development and Mines pursuant to Subsection 0.2(3)(f) of the Environmental Protection Act to prepare and certify site plans.

Applicant cbm
CBM Aggregates a Division of St. Marys Cement Inc. (Canada)
55 Industrial Street
Toronto, Ontario
M4G 3W9

Project Caledon Pit & Quarry
18722 Main Street, Caledon, Ontario

MNR Licence Reference No. 626600

Plan Scale: 1:5000 (Arch E)

Date August 2023 May 2025

Drawn By C.P. **File No.** 8816AF

Checked By B.Z.

File Name Operational Plan

Drawing No. 2 of 4

File Path N:\Bian\8816AF - CBM - Caledon Quarry\Drawings\Site Plan\CAD\8816AF - Site Plan.dwg

Site Plan Changes

The redline revisions shown on this drawing represent all of the changes that have been made since the August 2023 Aggregate Resource Act site plan.

A. Assurance

a. Lands that are currently in agricultural production, and not required for immediate extraction and site preparation, shall be kept in agricultural production **for ten or more years** involving:

b. The licensee shall document any compliance including the local agricultural community, and as part of the annual Compliance Assessment Report, shall provide information to IMRP on the nature of the contact and actions taken by the licensee to address the issue.

B. Blasting

a. All quarry blasts shall be monitored at the closest residences in front of and behind the blast for ground and air vibration effects and noise compliance with the current IMRP guidelines.

b. At all quarry blasts shall be monitored within 300 meters of the nearest pipeline at the ground above that pipeline to ensure compliance with Enbridge's ground vibration limits.

c. All quarry blasts shall be monitored within 300 meters of the farmhouse and barn located at 1872 Main Street, the farmhouse located at 1801 Main Street, the farmhouse located at 1867 Main Street and the house (to be converted to a residential property during operation) located at 1420 Chatterbox Street to ensure compliance with the ground vibration limit of 50 mm/s. (Once the farmhouse) located at 1801 Main Street and 1867 Main Street is vacated outside of the fence area, all quarry blasts shall be monitored to ensure compliance with the current IMRP guidelines. See current heritage technical recommendations Section 2.4 for additional information.

d. The vibration monitoring shall be carried out by an independent third-party engineering firm with expertise in blasting and monitoring.

e. Notification shall be provided to Enbridge when blasting operations within 300 meters of the pipeline.

f. No extraction within 30 meters of the pipeline without authorization from Enbridge.

g. Blasting shall be carried out by an experienced, trained and qualified to conduct blasting operations.

h. The licensee shall establish a blasting notification program for residents within 500 meters. The licensee shall also provide notification to the Town of Colabon Cak and the Blompton Flyway Club prior to a blasting taking place on-site.

i. Blasting shall not occur on Saturday, Sunday and statutory holidays.

C. Archaeology

a. Areas of cultural heritage potential were identified for portions of the properties located at 1872 Main Street, 1055 Chatterbox Street, 1420 Chatterbox Street, Sideroad, and 1867 Main Street.

b. Heritage Impact Assessment (HIA) has been prepared for these properties. The recommendations from each HIA are presented below.

D. BIA Recommendations for 1420 Chatterbox Sideroad:

a. The HIA for 1420 Chatterbox Sideroad determined that the Study Area will be subject to both direct and indirect impacts. To avoid or reduce these effects, the following measures shall be implemented:

i. During operations, the farmhouse shall be adequately screened as an off-sightability site for the quarry operations. Prior to the surrender of the license, the building shall be converted back to its original use.

To achieve this conservation strategy, the following mitigation measures shall be implemented:

b. i. If the property is vacated prior to converting the farmhouse to an off-sightability qualified specialist used for another industrial use for the farmhouse, with a maintenance and inspection agreement, to conserve the structure until further action is implemented.

b. ii. The front of extraction shall include a 50 m buffer from the property to protect the heritage attributes of the site.

b. iii. Prior to the preparation, the licensee shall erect fencing at the 50 m buffer to identify a "no-go" zone to reduce the risk of accidental damage from vehicles, heavy equipment operation, or other activity of the mineral aggregate operations.

b. iv. Implement the recommendations of the blast impact assessment to ensure the structural integrity of the farmhouse is maintained.

b. v. A Heritage Documentation Plan shall be prepared for the property with a focus on the barn foundations on the property.

b. vi. A Heritage Conservation Plan shall be prepared for the farmhouse prior to use of the farmhouse as an off-sightability operation to guide the adaptive reuse efforts and outline how the heritage attributes of the structure will be conserved, protected, and enhanced during the adaptive reuse of the structure.

b. vii. Prior to the surrender of the license, remove any temporary protective measures implemented during the time the farmhouse is used as an off-sightability site and rehabilitate the farmhouse back to its original use.

3.	Air Quality	a. The Site shall operate in accordance with the Fugitive Dust Best Management Practices Plan (BMP1) dated December 2022, reviewed on April 2023. The BMP1 shall be reviewed annually and updated if required based on current Site operations and maintenance practices. b. Unpaved haul roads shall be watered using a water truck and dust suppression. The application of water shall be dependent on weather conditions but shall be designed to ensure that the roads are kept moist. Watering shall be performed on a daily basis regardless of visible dust from the onsite haul roads, which shall be used to inform additional watering activities if required. Dust is reported: When temperatures fall below 42°C, Ministry of Environment, Conservation and Parks climate dust suppression shall be used in place of water. c. Unpaved haul roads shall be re-graded annually (or as needed based on observations) using coarse material. d. A speed limit of 25 km/hour on all site roads shall be implemented.	4.	Risk Remediation for 1957/2007	The HA for 1957/2007 Muskeg Road stipulated that the property will be subject to both direct and indirect negative impacts. To avoid or reduce these effects, WSP recommends the following: • Prior to extraction in Phase 3 relocate the farmhouse within the existing property parcel located outside of the fence boundary and complete construction of the following for the remaining structure and outbuildings. - To achieve this recommendation, the following mitigation measures shall be implemented: a. If the farmhouse is vacated prior to the relocation, a qualified specialist shall develop a multi-part plan for the farmhouse, with a maintenance and inspection schedule, to conserve the structure until further action is implemented.
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[illegible]

7. Water

a. The relocated manhole shall be installed for residential use.

f. HMA Recommendations for 19867 Missaiga Road:

The RIA for 19867 Missaiga Road determined that the property will be subject to both direct and indirect negative impacts. In order to reduce these effects, WSP recommends the license plate:

- Prior to extraction in Phase 3, the licensee shall relocate the manhole and summer kitchen within the existing property prior located outside of the license boundary and complete documentation and salvage for the remaining landscape and cultivating components.

To achieve this conservation strategy, the following mitigation measures shall be implemented:

a. The maximum predicted groundwater table, based on groundwater levels monitored over a 12 month period from January to December, are as follows:

- Main Area - Ranges from 420' to 395.5' (north to south)
- North Area - Ranges from 407' to 397.3' (northwest to southeast)
- South Area - Ranges from 405.3 to 393.0' (northwest to south)

b. Prior to below water extraction, the licensee shall complete a follow-up door-to-door survey of private wells for properties within 1,000 meters of the license area, to supplement and verify the MECP Water Well Information System (WWIS) information, to confirm neighboring water users and confirm baseline conditions prior to below water extraction commencing. Landowner participation in this private well survey is voluntary.

[illegible]

and Consumer Services (MCS).

g. During operations, the pump in each unit and quarry area shall be located below the lowest point of elevation on the current pit and quarry floor. The position of the pump at a given point in time shall be indicated by direction of extraction and elevation of the base of the current pit and quarry floor within each quarry area, and shall generally be as follows:

- Main Area - the pump shall be located in the most southwestern area of the current pit and quarry area, at the point of lowest elevation.
- South Area - the pump shall be located in the most **southwestern** southwestern area of the current pit and quarry floor, at the point of lowest elevation.
- South Area - the pump shall be located in the most southwestern area of the current pit and quarry floor, at the point of lowest elevation.

h. Subject to an agreement with the Oprety Valley Golf Course, the licensee shall construct a discharge pipe from the license area to the irrigation system infrastructure at the golf course to convey the water from the settling pond to the golf course for use, and the current water discharge from the settling pond shall be conveyed to the golf course for use.

d. When constructing the berms, at least one of the existing perimeter berms as possible shall be left in place for additional visual screening.

k. An aggregate washing operation shall be established in the North and South Area, sufficient up to a 1 to 2 hectare section for the storage of wash water in a closed-loop system. Wash water shall be recycled and shall not be discharged to the environment. Wash water will be added to the wash pond as needed during operations, in order to maintain sufficient level for the operation. Aggregate washing operations shall be completed in accordance with the Permit To Take Water and Environmental Compliance Approval under the Ontario Water Resources Act.

l. All fuel storage and handling on-site shall be completed in accordance with applicable Technical Standards and Safety Authority (TSSA) standards. The on-site storage and servicing of machinery shall be carried out in accordance with established best practices and is protective of the environment. The use and storage of hazardous substances shall follow applicable workplace hazardous materials regulations, including Ontario Regulation 860/03, as amended.

m. Once operations in the North Area, South Area and Main Area have been completed and the rehabilitation land has been created, pumping will cease and allowed to flood to form the North and South ponds. The North, North and South ponds water levels post rehabilitation are restricted to reach a level of approximately 400 m asl.

n. Once operations in the North Area, South Area and Main Area have been completed and the rehabilitation land has been created, pumping will cease and allowed to flood to form the North and South ponds. The North, North and South ponds water levels post rehabilitation are restricted to reach a level of approximately 400 m asl.

Source ID	Quantity	Level	Score	Flow	Level	Flow	Level	Flow
Generator	1	115						
Screen 1-2	2	115						
Jaw Crusher	1	111						
Cone Crusher	1	110						
Loader HP	4	107						
Loader EX	3	107						
Drill 1-2	2	116						
Screen 1-2	2	108						
Jaw Crusher 1-2	2	111						
Cone Crusher 1-3	3	107						

Site Entrance Simulation

[illegible]

Item	Location	Width	Depth
POB001	1521 Charleston Sidecar	100 m	150 mm
POB002	18217 Cataraug Road	170 m	150 mm
POB003	18201 Cataraug Road	170 m	150 mm
POB004	18192 Cataraug Road	160 m	150 mm
POB005	18182 Cataraug Road	160 m	150 mm
POB006	18164 Cataraug Road	160 m	150 mm
POB007	18148 Cataraug Road	190 m	150 mm
POB008	18140 Cataraug Road	240 m	150 mm
POB009	18130 Cataraug Road	280 m	150 mm
POB070	1357 Cataraug Road	380 m	150 mm
POB071	1341 Cataraug Road	360 m	150 mm
POB072	1332 Cataraug Road	320 m	150 mm
POB073	1342 Cataraug Road	300 m	150 mm
POB074	1311 Cataraug Road	290 m	150 mm
POB075	1297 Cataraug Road	200 m	150 mm
POB076	1275 Cataraug Road	280 m	150 mm
POB077	1195 Cataraug Road	330 m	150 mm

Ban 1B1, Ban 2C, Ban 2B and Woodlands F and G (as shown on drawing 1 of 4) shall only be removed outside of the bat active season of March 10th - November 30th. Habitat for eastern meadowlark and bobolinks (as shown on the Key Natural Heritage Features Schematic on drawing 1 of 4) shall only be removed outside of the nesting period of May 1st - July 31st. To comply with the Migratory Birds Convention Act, Ban 1B1, Ban 2C and Wood 3B (as shown on the plan view on drawing 1 of 4) shall not be removed during the active season for <i>Swainson's Thrush</i> (April 1st - August 15th), unless disturbance is provided by a nesting survey conducted by a qualified biologist. If any nest sites are found during the nesting survey, the clearing shall not be removed until the young have <u>hatched</u> the nest. To comply with the Migratory Birds Convention Act, removal of vegetation shall not be permitted during the active season for breeding birds (April 10th - August 15th), unless disturbance is provided by a nesting survey conducted by a qualified biologist.	Watercourse Watercourse (Direction of flow indicated by arrow)	Topsoil & Overburden
		Stockpile Area (Maximum Height 8.0 m)
	Water Feature	Facility Pad, and Building Location and Recycling Area
	Wooded Area	Archaeological Protection

All conditions of Endangered Species Act approvals/permits shall be followed.

Sediment and erosion control measures shall be initiated along the depletion of the significant woodlands in areas where runoff is anticipated to enter the woodland, and adjacent to the Chualar National Complex prior to commencement of activities within 30 collected in the sample(s). (See preparation) and shall be adequately monitored and maintained for the duration of the prep operations. Following rehabilitation of the areas adjacent to the significant woodlands, the control measures shall be removed.

Excess water collected in the pump(s) shall be pumped to a settling pond located on the east side of the North Area, from which water will flow by gravity for off-site discharge to the Osprey Valley Golf Course irrigation pond system, with the excess water stored or discharged through the existing pond system to the Creek River.

Prior to slipping, the licensee shall enter into an agreement with the **Region of Peel applicable road authority** for the construction of slip:

- a.a. Entrance / exit
- a.b. Charleston Sideroad improvements

Prior to below water operations commencing in the Main Area and prior to operations commencing in the South Area, the licensee shall enter into an agreement with the **Region of Peel applicable road authority** for a crossing underneath Main Street and Charleston Sideroad, respectively.

A minimum 170 metre long internal access road to accommodate highway truck queuing shall be constructed on-site (the location shown on the plan view of this drawing is schematic only). The gate house shall be located a minimum of 120 metres from the commencement of the internal access road to accommodate highway truck queuing.

Site Plan Changes

The redline revisions shown on this

1. ARA - Aggregate Resources Act				
2. MECP - Ministry of the Environment, Conservation and Parks				
3. MGCS - Ministry of Government and Consumer Services				
4. DFO - Department of Fisheries and Oceans Canada				
5. MNRF - Ministry of Natural Resources and Forestry				
6. MCM - Ministry of Citizenship and Multiculturalism				
7. TSSA - Technical Standards and Safety Authority				
8. MTCS - Ministry of Tourism, Culture and Sport				
9. ECA - Environmental Compliance Approval				

Noise Mitigation Schematic
Scale 1:10,000

0 300 600 Meters

	Natural Resources Canada has reviewed the plans pursuant to Subsection 0.2(3)(i) of the Environmental Protection Act and Subsection 0.2(3)(ii) of the Environmental Protection Regulation 244/97 to prepare and certify site plans. Applicant: CBM Aggregates a Division of
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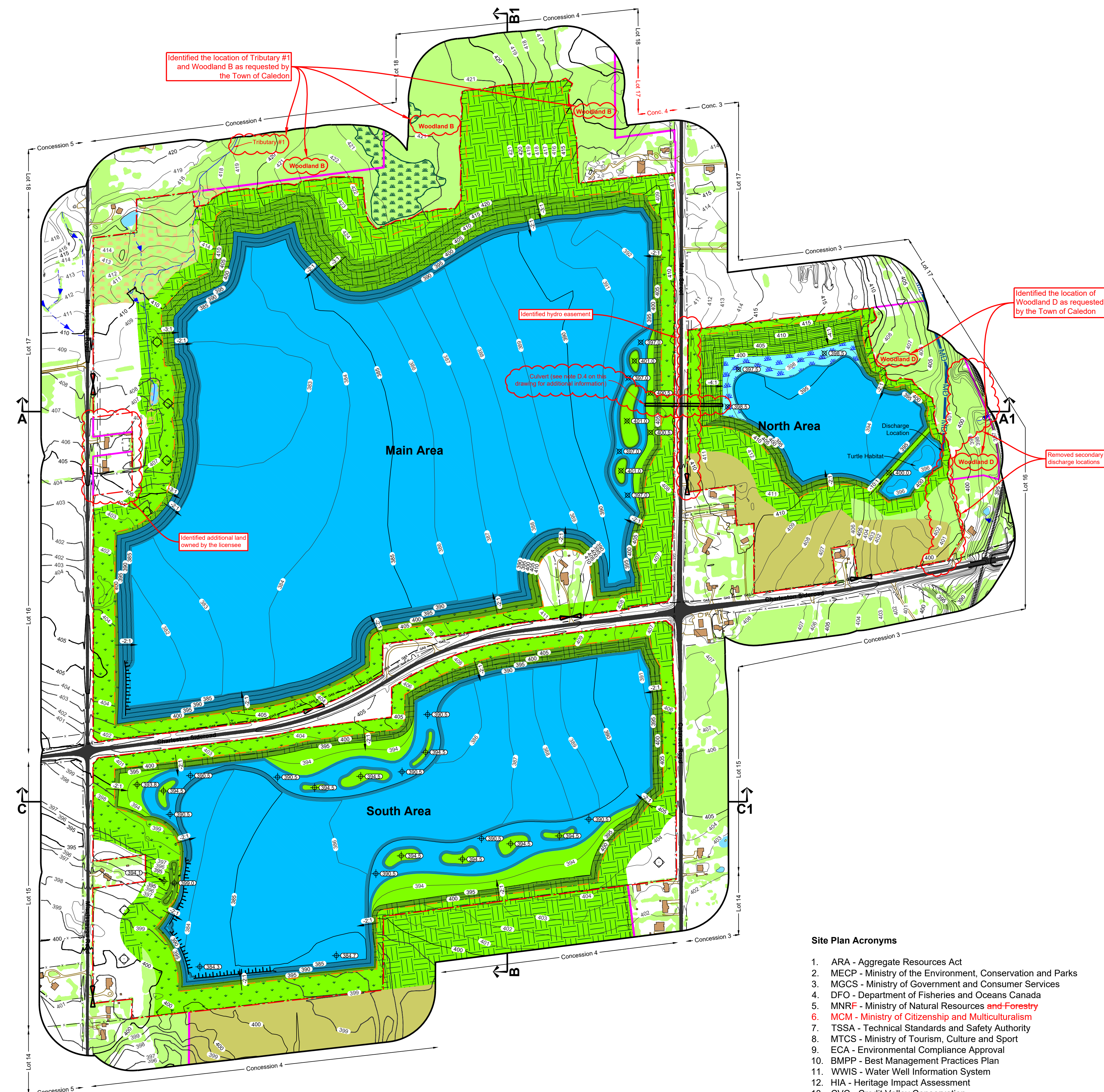
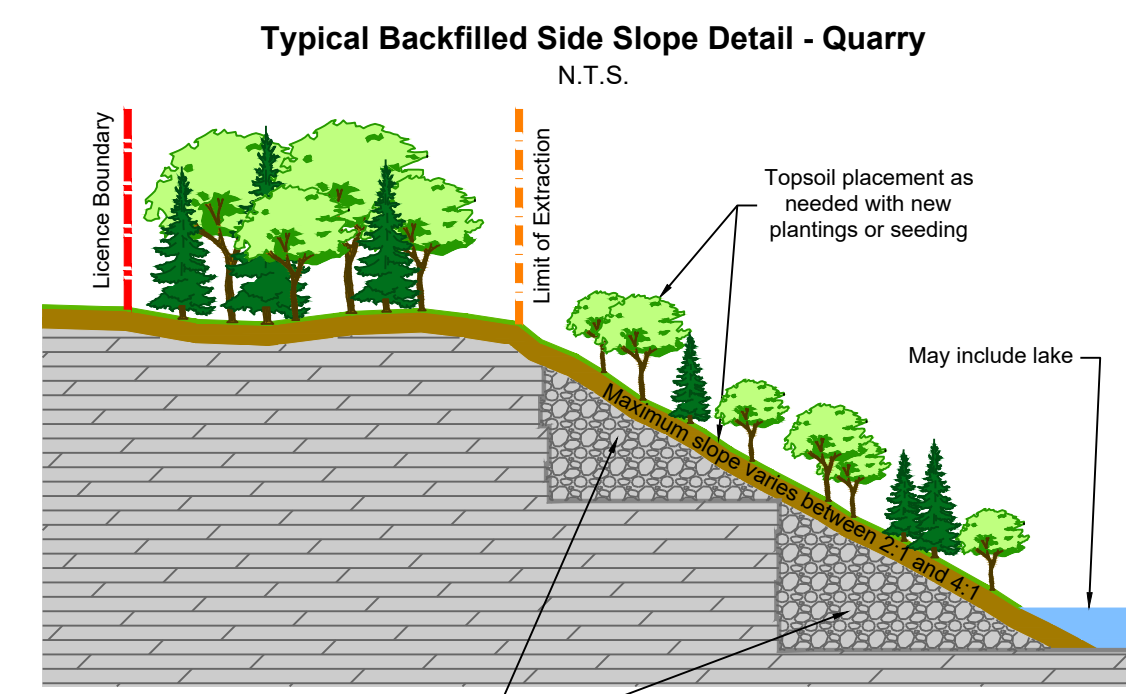
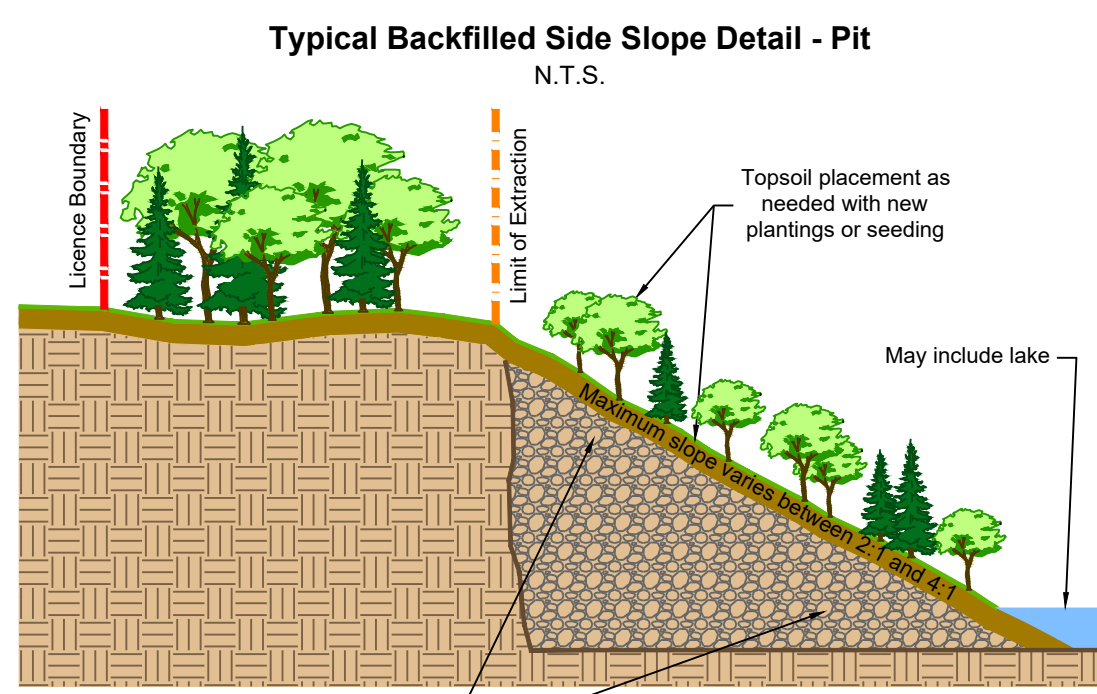
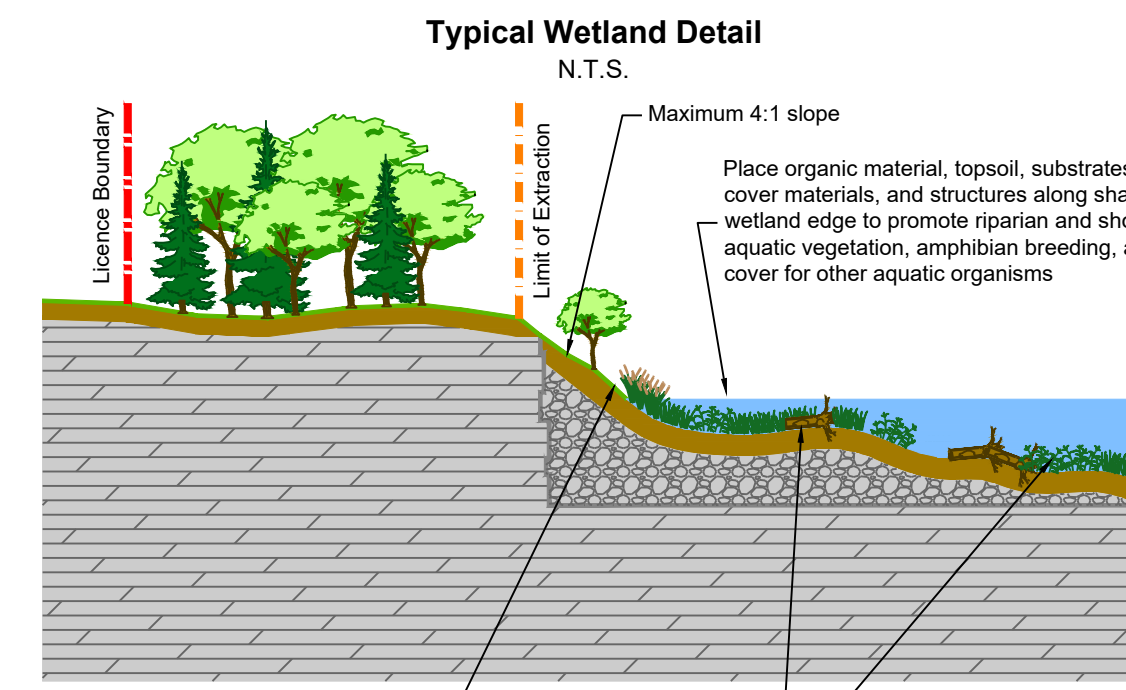
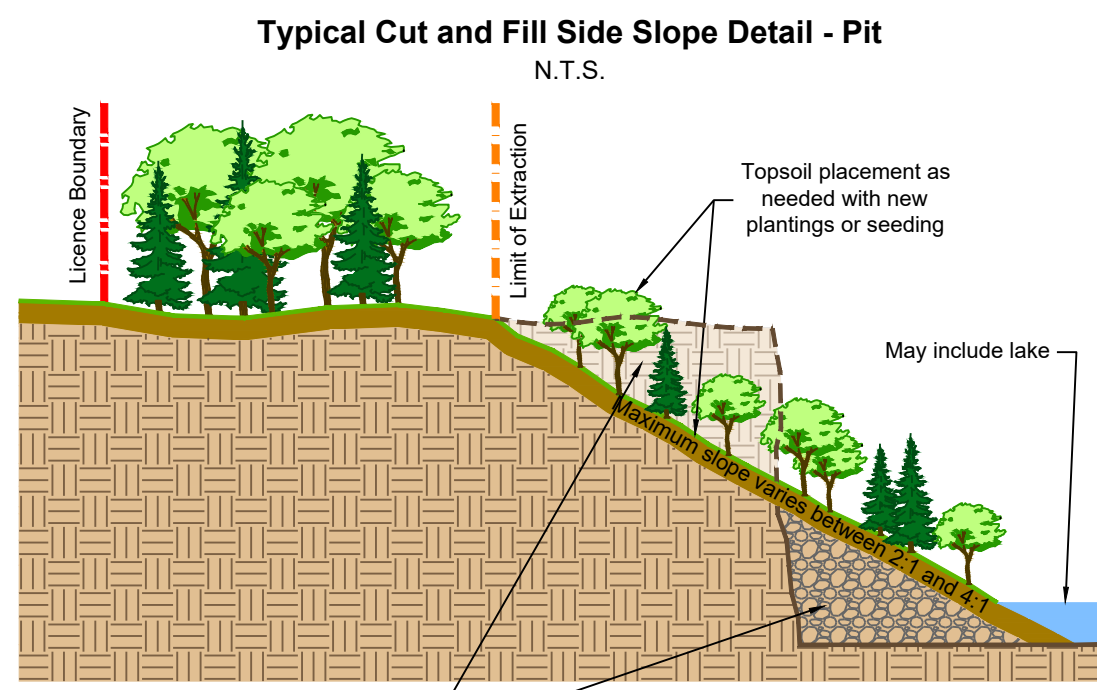
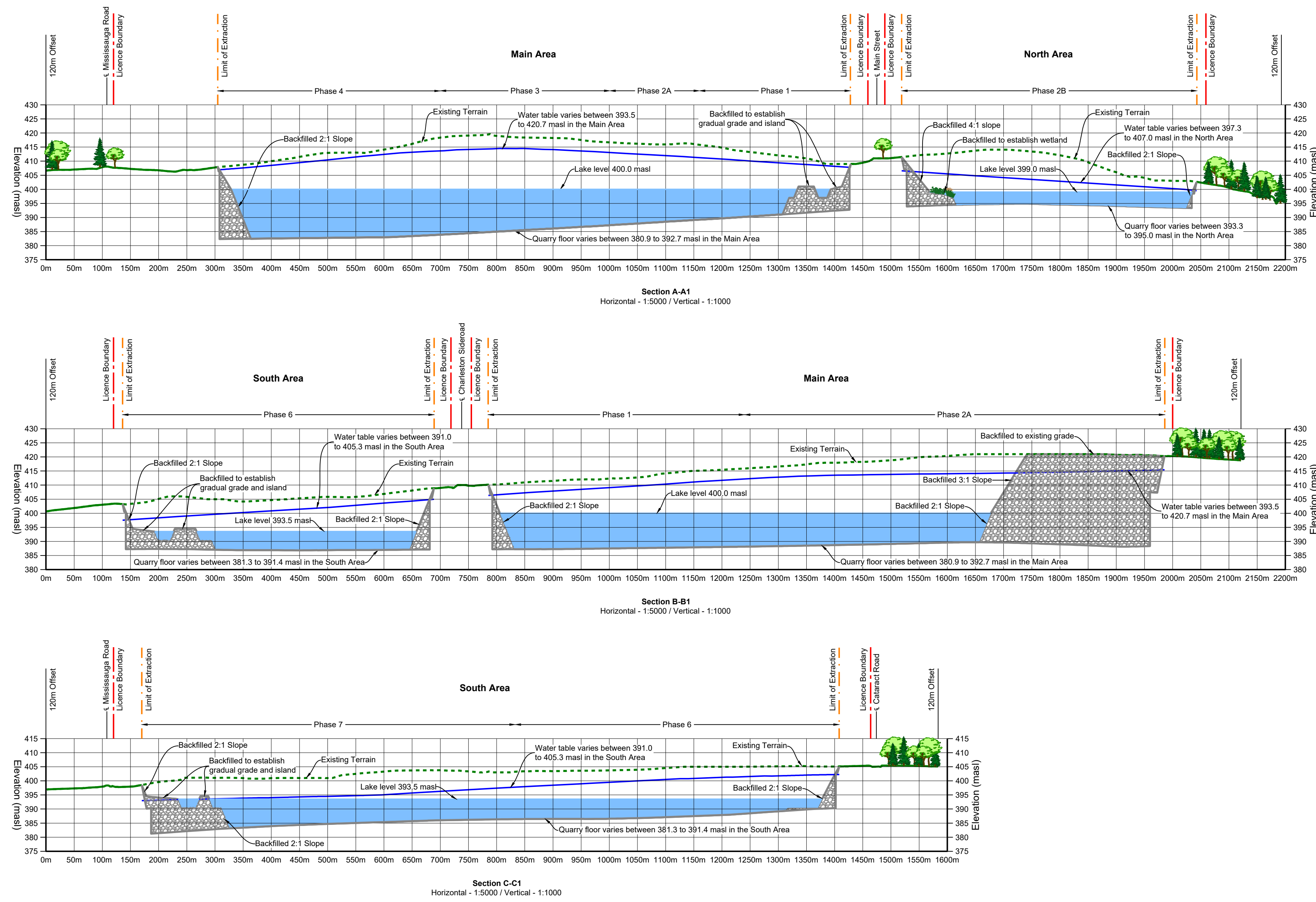
18722 Main Street, Caledon, Ontario

MNRF Licence Reference No. **626660**

Plan Scale: 1:5000 (Arch E)

Date: August 2023 May 2025

Drawn By: C.P. **File No.:**



PROGRESSIVE REHABILITATION

A. General

1. Area Calculations:	
1.1. Licence (total)	261.2 hectares
Main Area	151.5 hectares
North Area	39.3 hectares
South Area	70.4 hectares
1.2. Limit of Extraction (total)	199.6 hectares
Main Area	123.6 hectares
North Area	16.0 hectares
South Area	59.9 hectares
1.3. Final rehabilitation within licence (total)	261.2 hectares
Gradual grade / island	7.8 hectares
Classland	25.3 hectares
Lake	157.9 hectares
Wetland	1.6 hectares
Woodland	46.2 hectares
Existing conditions	14.6 hectares

B. Phasing

- As excavation reaches the limit of extraction or maximum depth, progressive rehabilitation shall commence. See note M.1 on drawing 2 of 4 for the maximum disturbed area requirement for rehabilitation of the site.
- Progressive rehabilitation shall follow the general direction and sequence of extraction identified on the plan view and described in the notes on drawing 2 of 4.
- Minor deviations in operational and rehabilitation sequence shall be permitted in order to adjust for any variable resource or market conditions.
- Each phase of extraction shall undergo progressive rehabilitation, prior to proceeding to the next phase of extraction.
- Progressive rehabilitation activities shall include sloping and grading, placement of overburden and topsoil, tree and shrub planting.

C. Slopes and Grading

- Progressive rehabilitation shall consist of backfilling the excavation faces (where applicable), tunnels and quarry floors to establish the final elevations and grades depicted on the plan view of the drawing using topsoil and overburden available on-site. A portion of the extraction face in the western cutbank corner of Phases 5 and 7 (as shown on the plan view) shall remain vertical (see notes H.9.5 and H.11.7 on drawing 2 of 4 for additional information).
- Upon completion of extraction in Phase 7, the quarry wall adjacent to the infiltration trenches in the southwest and southeast corner of the South Area shall be excavated and backfilled with sand.
- Side sloping grade will range from 2:1 to 4:1 as well as gradual grades (see Section N Variations from Control and Operation Standards on drawing 2 of 4).
- No excess soil shall be imported on-site for rehabilitation purposes.
- Prior to the placement of subsoil and topsoil in locations where the quarry floor has been backfilled to establish gradual grades, islands and wetlands, the quarry floor shall be ripped and tilled to alleviate compaction, if required.

D. Drainage

- Final surface drainage will follow the rehabilitated contours and directional arrows shown on the plan view of the drawing.
- Once operations in the North Area, South Area and Main Area have been completed and the rehabilitated landscape has been established, pumping shall cease, and the land allowed to flood and form the Main, North and South ponds. The Main, North and South pond water levels post-rehabilitation are predicted to reach a level of approximately -400, -399 and -393.5 msl, respectively.
- The South pond will be self contained and not require an overflow outlet.
- The Main pond overflow shall be directed via a culvert under Main Street (as shown on the plan view of this drawing) to the North pond with its outlet invert at -400 msl.
- The North pond overflow shall be directed via main outlet to the Cleary Valley Golf Course irrigation pond system with its outlet invert at -399 msl.
- All rehabilitated pond levels and outlets will be passive and not require pumping.

E. Natural Environment

- Lake Shoreline - Main, North and South Area
 - The shoreline of the lakes shall be contoured where possible to create convoluted or irregular shoreline gradients.
 - Where sloping and excavation depths allow, shoals or islets shall be created to increase habitat diversity.
 - Stumps and logs shall be placed along the shoreline as wildlife habitat structure. Boulders and rock rubble from the extraction shall also be used for wildlife habitat structure.
- Woodland - Main Area
 - The woodland in the Main Area, as shown on the plan view, shall be planted with tree species representative of the woodland communities that will be removed, such as sugar maple, American beech, paper birch, white elm, white cedar, balsam fir, eastern hemlock, red maple, trembling aspen, black cherry, alternate-leaved dogwood, grey dogwood, red-osier dogwood.
 - Trees shall be planted at approximately 2.5 m spacing to achieve a density of 1,000 seedlings per hectare. Two years after planting, the target density shall be 1,200 seedlings per hectare with a survival rate of 75%. If plantings shall be completed, if required, in year two after planting.
- Habitat for eastern small-bodied myotis and little brown myotis - Main Area
 - Rock piles shall be placed in the locations shown on the plan view to create habitat for eastern small-bodied myotis. Rock piles shall vary in size and height between 0.5 m and 2 m. Coverages shall be created through stacking slabs of flat rock varying in size from several centimetres to one meter long.
 - Bat boxes shall be installed in the same location as the rock piles to provide habitat for little brown myotis.

4. Setback areas / Slopes - Main, North and South Area

- All slopes located above the final water level shall be seeded with an appropriate native, non-invasive seed mix to prevent erosion during operations.
- Nodal plantings shall be expanded naturally through seed rain.
- Along the setback to significant Woodland B, as shown on drawing 1 of 4, plant species representative of the existing woodland, such as sugar maple (Acer saccharum), American beech (Fagus grandifolia), paper birch (Betula papyrifera), American elm (Ulmus americana), white cedar (Thuja occidentalis), balsam poplar (Populus balsamifera), eastern white pine (Pinus strobus), red maple (Acer rubrum), trembling aspen (Populus tremuloides), black cherry (Prunus serotina), alternate-leaved dogwood (Cornus alternifolia), gray dogwood (Cornus rostrata), red-osier dogwood (Cornus sericea), shall be planted.
- Along the setback to significant Woodland D, as shown on drawing 1 of 4, plant species representative of the existing woodland, such as sugar maple (Acer saccharum), American beech (Fagus grandifolia), red oak (Quercus rubra), paper birch (Betula papyrifera), black walnut (Juglans nigra), American elm (Ulmus americana), alternate-leaved dogwood (Cornus alternifolia), shall be planted.
- On north-facing slopes and wetlands which are expected to be cooler and moister, plant species such as white cedar (Thuja occidentalis), white spruce (Picea glauca), Norway spruce (Picea abies), red maple (Acer rubrum), paper birch (Betula papyrifera), American hawthorn (Crataegus americana), shall be planted.
- On the southeast-facing slopes and wetlands, plant species such as white pine (Pinus strobus), white cedar (Thuja occidentalis), white spruce (Picea glauca), European larch (Larix laricina), trembling aspen (Populus tremuloides), balsam poplar (Populus balsamifera), sugar maple (Acer saccharum), black cherry (Prunus serotina), red oak (Quercus rubra), bur oak (Quercus macrocarpa), shall be planted.
- Within the setback and slope areas shrubs shall also be added to add diversity and increase wildlife/habitat diversity, such as: serotinous (Amelanchier spp.), nannyberry (Viburnum lentago), ironhack (Physocarpus opulifolius), dogwoods (Cornus spp.), highbush cranberry (Viburnum opulus), elderberry (Sambucus spp.), choke cherry (Prunus virginiana).
- Shoreline Wetland - Main, North and South Areas
 - Organic material shall be placed in shallow water areas to promote the establishment of shoreline and aquatic vegetation and to create habitat for aquatic fauna and amphibians. Stumps and trees of non-commercial value shall be stockpiled during clearing operations and used as habitat structure. Boulders and rock rubble from the extraction operation shall also be used to increase habitat diversity along the shoreline area.
 - In the shoreline wetland areas, shallow emergent marsh vegetation shall be planted in the water with species that may consist of, but are not limited to: red-osier dogwood (Cornus sericea), slender willow (Salix petiolaris), and herbaceous plants such as water plantain (Alisma plantago-aquatica), lake sedge (Carex lasiocarpa), swamp milkweed (Asclepias incarnata), softstem bulrush (Scirpus americanus), and common cattail (Typha latifolia).
- Riparian Plantings - Main Area
 - Riparian plantings along Tributary B1, as shown on drawing 2 of 4, shall include a variety of native species including, but not limited to: white cedar (Thuja occidentalis), balsam poplar (Populus balsamifera), pussy willow (Salix petiolaris), slender willow (Salix petiolaris), red-osier dogwood (Cornus sericea), nannyberry (Viburnum lentago), elderberry (Sambucus canadensis), meadowswamp (Sagittaria latifolia), water plantain (Alisma plantago-aquatica), lake sedge (Carex lasiocarpa), swamp milkweed (Asclepias incarnata), softstem bulrush (Scirpus americanus), and spike rush species (Eleocharis spp.).

7. Turtle Habitat - North Area

- Turtle habitat shall be created in the North Area in the location shown on the plan view.
- The turtle habitat pond shall include sediment on the pond bottom to provide a growing medium for plants, and provide habitat for turtles (e.g., overwintering).
- Plant emergent macrophytes shall include species such as spike-wetland (Pontederia cordata), broad-leaved arrowhead (Sagittaria latifolia), water plantain (Alisma spp.), cattail (Typha sp.), common arrowhead (Sagittaria latifolia), and greater water lily (Najas macrospora).
- Plant submergent macrophytes shall include species such as eelgrass (Zostera marina), broad waterweed (Elodea canadensis), slender reed (Phragmites australis), common hornwort (Ceratophyllum demersum).
- Banking features such as logs or rocks shall be placed throughout the shallow shoreline areas.
- Areas of suitable nesting substrate shall be constructed along or adjacent to the shoreline.
- Meadow in North Area
 - Meadow habitat for eastern meadowlark and bobolinks shall be created in the North Area outside of the limit of extraction at the location shown on the plan view.
 - A minimum of 60-80% of the meadow shall be covered by at least three different grass species, such as: poverty oatgrass (Danthonia spicata), bottlebrush grass (Elymus hystrix), common panic grass (Panicum capillare), big bluestem (Andropogon gerardii), Canada wild rye (Elymus canadensis), switch grass (Panicum virgatum), wood-grass (Sorghum sp.), Virginia wild rye (Elymus virginicus).
 - At least one of the grass species shall be taller than 50 cm, which shall include at least one of the following: bottlebrush grass (1.3 m), big bluestem (0.5-1.0 m), Canada wild rye (1.3 m), switch grass (1.5 m).
 - Remaining 20-40% shall be covered by forbs or legumes such as Canada anemone (Anemone canadensis), black-eyed susan (Rudbeckia hirta), common evening primrose (Oenothera biennis), common milkweed (Asclepias syriaca), yarrow (Achillea millefolium), New England aster (Symphyotrichum novae-angliae), and wild bergamot (Monarda filifolia).
 - Meadow seed mixes shall be sown at a rate of 25kg/ha.

FINAL REHABILITATION

A. General

- All equipment and buildings/structures on the quarry floor shall be removed from the site. The buildings/structures located at 1420 Charleston Street (utilized as an office and quality control lab during operations) may remain on-site.
- No internal haul roads shall remain.
- The anticipated final end use will be naturalized open spaces with the creation of lakes, vegetated shorelines, islands, vertical faces, wetlands, upland forested areas, riparian plantings adjacent to the existing watercourse, nodal shrub and tree planting on upland areas, grassland meadow and specialized habitat features for bats and turtles.
- The long term average lake levels are:
 - Main - 400.0 msl
 - North - 399.0 msl
 - South - 393.5 msl
- All plantings completed as part of rehabilitation will be audited two years after planting to assess planting survival rates and additional plantings shall be completed if required to create the habitat conditions as specified on this page.

Site Plan Changes

The redline revisions shown on this drawing represent all of the changes that have been made since the August 2023 Aggregate Resource Act site plan.

Legal Description
Part of Lots 15-1746, Concession 4 WSCR and Part of Lot 16, Concession 3 WSCR (former geographic Township of Caledon)
Township of Caledon
Regional Municipality of Peel

Legend

	Licence Boundary		Additional Land Owned by Licensee
	Limit of Extraction		120m Offset From Licence Boundary
	Contours with Elevation		Easement
	Watercourse		Pipeline
	Watercourse		Main Discharge
	Water Feature		Secondary Discharge
	Wooded Area		Fence
	Wetland		Extraction Face
	Wetland		Public Road
	Gradual Grade / Island		Driveway
	Grassland		Railway
	Woodland		Gate
	Wetland		Building/Structure
	Lake		Proposed Floor Elevation
	Meadow		Proposed Final Grade
	Rock Pile & Bat Box Locations		Cross Sections

Legend - Cross Sections

	Licence Boundary
	Limit of Extraction
	Existing Grade - Removed / Altered
	Existing Grade - Undisturbed
	Maximum Predicted Water Table
	Quarry Floor
	Backfilled
	Lake

Site Plan Amendments

No.	Date	Description	By

Site Plan Revisions (Pre-Licensing)

No.	Date	Description	By
4	May 2025	Update the site plan to address agency and public comments	C.P.
3	March 2025	Update the site plan to address agency and public comments	C.P.
2	August 2024	Updated the site plan to address the MNR's comments from their letter dated January 11, 2024 and the Town of Caledon's comments from their letter dated November 17, 2023	C.P.
1	August 2023	Revised drawing to incorporate updated technical report recommendations	C.P.

**PLANNING
URBAN DESIGN
& LANDSCAPE
ARCHITECTURE**

113 COLLIER STREET, BARRE, ON L4M 1H2 | P: 705.728.0456 F: 705.728.2010 | WWW.MHBCAN.COM

MHBC Stamp

Brian Zeman
Is authorized by the Ministry of Northern Development and Forestry pursuant to Subsection 0.2(3)(f) of the Ontario Regulation 244/97 to prepare and certify site plans.

MHBC Stamp

Christopher Poole
Is authorized by the Ministry of Northern Development and Forestry pursuant to Subsection 0.2(3)(f) of the Ontario Regulation 244/97 to prepare and certify site plans.

Applicant

**CBM Aggregates a Division of
St. Marys Cement Inc. (Canada)**
55 Industrial Street
Toronto, Ontario
M4G 3W9

Project Caledon Pit & Quarry

MNR Licence Reference No.	Applicant's Signature
626600	
Plan Scale: 1:5000 (Arch E)	Date: August 2023 May 2025
	Drawn By: C.P. File No.: 8816AF
	Checked By: B.Z.
File Name	Rehabilitation Plan
Drawing No.	4 of 4
File Path	N:\Bian\8816AF - CBM - Caledon Quarry\Drawings\Site Plan\CAD\8816AF - Site Plan.dwg

Appendix B:

Draft Reference Plan



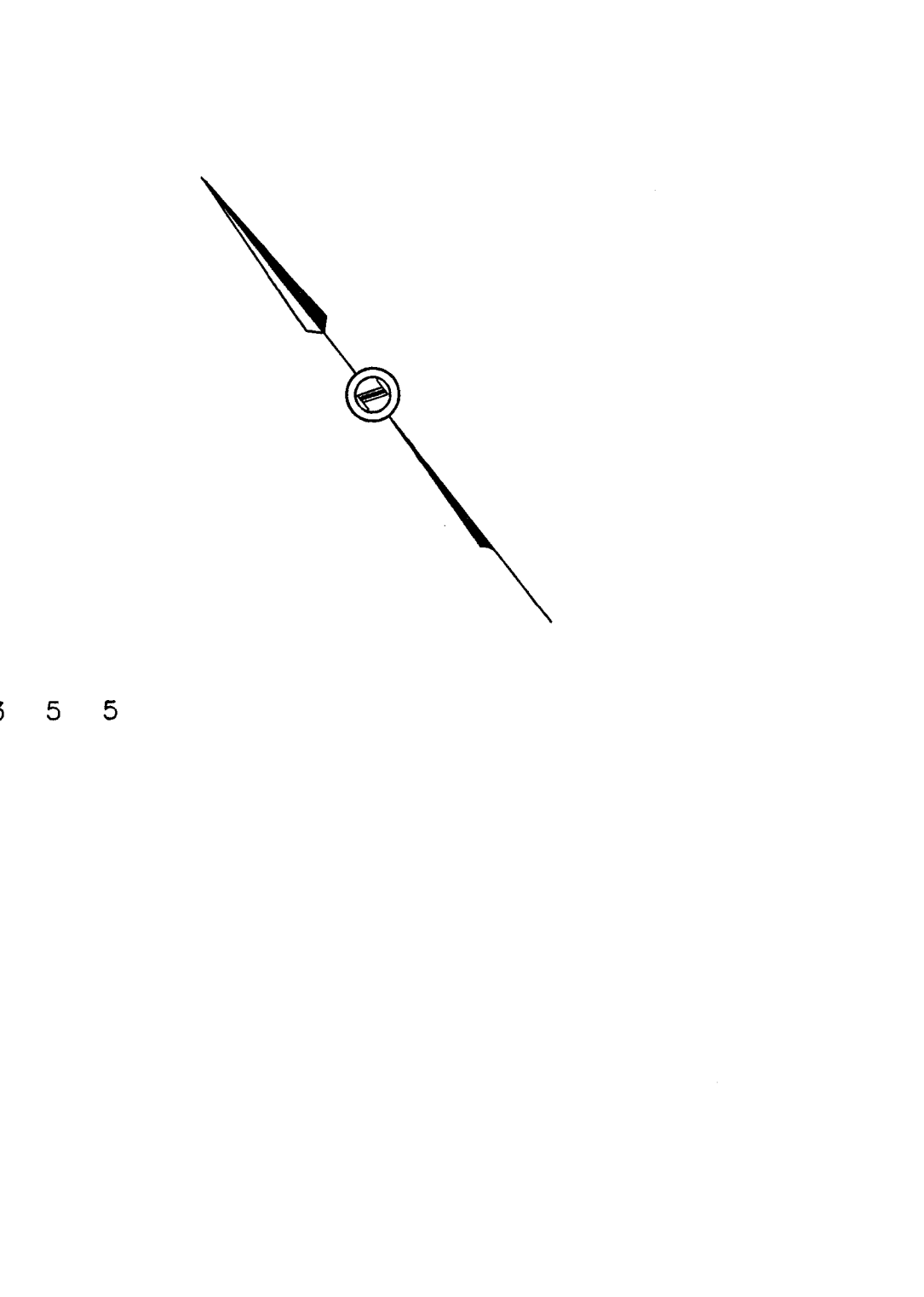
I REQUIRE THIS PLAN TO BE DEPOSITED UNDER THE LAND TITLES ACT	PLAN 43R-42269
DATE <u>Dec. 10, 2025</u>	RECEIVED AND DEPOSITED
<u>G. Kevin Jenkins</u> G. KEVIN JENKINS Ontario Land Surveyor	DATE <u>December 15, 2025</u> <u>Arthur Lynn</u> REPRESENTATIVE FOR LAND REGISTRAR FOR THE LAND TITLES DIVISION OF PEEL (No.43)

METRIC DISTANCES AND COORDINATES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048				
SCHEDULE				
PART	PART OF LOT	CONCESSION	PART OF PIN	AREA(HA)
1	17	4 W.H.S.	14273-0086(LT)	2.0769

PLAN OF SURVEY OF
PART OF LOT 17, CONCESSION 4
WEST OF HURONTARIO STREET
(GEOGRAPHIC TOWNSHIP OF CALEDON)
TOWN OF CALEDON
REGIONAL MUNICIPALITY OF PEEL



LEGEND	
■	DENOTES SURVEY MONUMENT FOUND
□	DENOTES SURVEY MONUMENT SET
CM	DENOTES CONCRETE MONUMENT
IB	DENOTES IRON BAR
SIB	DENOTES STANDARD IRON BAR
SSIB	DENOTES SHORT STANDARD IRON BAR
B	DENOTES BURIED 0.3m BELOW GRADE
1155	DENOTES VAN HARTEN SURVEYING LTD., O.L.S.
1575	DENOTES J.R. FINNIE, O.L.S.
MTO	DENOTES MINISTRY OF TRANSPORTATION, ONTARIO
P1	DENOTES PLAN 43R-22355
WHS	DENOTES WEST OF HURONTARIO STREET



NOTE
ALL BUILDING TIES ARE PERPENDICULAR TO PROPERTY LINES UNLESS OTHERWISE NOTED. PROPERTY LINES ARE UNFENCED UNLESS OTHERWISE NOTED.
BEARINGS SHOWN HEREON ARE UTM GRID BEARINGS AND ARE DERIVED FROM OBSERVED REFERENCE POINTS ① AND ② BY REAL TIME CANNET NETWORK OBSERVATIONS AND REFERRED TO THE 6° UTM COORDINATE SYSTEM, ZONE 17, CENTRAL MERIDIAN 81° WEST LONGITUDE (NAD 83, CSRS 2010).
DISTANCES SHOWN ON THIS PLAN ARE ADJUSTED GROUND LEVEL DISTANCES, AND CAN BE CONVERTED TO GRID DISTANCES BY MULTIPLYING THE DISTANCE BY COMBINED SCALE FACTOR 0.9996158.
FOR BEARINGS COMPARISONS, THE FOLLOWING ROTATION WAS APPLIED.
P1 - 0°39'25" COUNTER CLOCKWISE
THE COORDINATES SHOWN ON THIS PLAN, IN THEMSELVES, CANNOT BE USED TO RE-ESTABLISH THE CORNERS OR BOUNDARIES SHOWN ON THIS PLAN.
COORDINATES SHOWN ON THIS PLAN ARE IN COMPLIANCE WITH THE SURVEYORS ACT, URBAN ACCURACY PER O.REG. 216/10, SECTION 14(2).

OBSERVED REFERENCE POINTS UTM(NAD83, CSRS 2010)		
PLAN COORDINATES	NORTHING	EASTING
1	4854397.495	577213.680
2	4854219.025	577076.947

SURVEYOR'S CERTIFICATE
I CERTIFY THAT:
1. THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT, THE SURVEYORS ACT, THE LAND TITLES ACT, AND THE REGULATIONS MADE UNDER THEM.
2. THE SURVEY WAS COMPLETED ON THE 8TH DAY OF DECEMBER, 2025.
Dec. 10, 2025
DATE
G. KEVIN JENKINS-ONTARIO LAND SURVEYOR
THIS PLAN OF SURVEY RELATES TO AOLS PLAN SUBMISSION FORM NUMBER V-122760

Delph & Jenkins North Ltd. Ontario Land Surveyors 220 Industrial Parkway S., Unit 6, Aurora, Ontario L4G 3V6 www.djsurveyors.com info@djsurveyors.com Tel. 905-841-8526	22213-13 DRAWN : J. CHECKED : GKJ
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Appendix C:

Assessor Qualifications



Assessor Qualifications

Heidy Schopf, MES, CAHP – Built and Landscape Heritage Team–Lead - Heidy Schopf the Built and Landscape Heritage Team Lead at WSP. She has over ten years' experience in Cultural Resource Management. She is a professional member of the **Canadian Association of Heritage Professionals (CAHP)** and is **MTO RAQs certified** in archaeology/heritage. She has worked on a wide variety of projects throughout Ontario, including: cultural heritage resources assessments, heritage impact assessments, documentation reports, cultural heritage evaluations, strategic conservation plans, heritage conservation district studies and plans and archaeological assessments. Ms. Schopf has extensive experience applying local, Provincial, and Federal heritage guidelines and regulations to evaluate protected and potential cultural heritage properties. She is skilled at carrying out impact assessments and developing mitigation measures to conserve the heritage attributes of properties where changes are proposed.

Henry Cary, Ph.D., CAHP, RPA, Senior Cultural Heritage Specialist - Dr. Henry Cary has over 20 years of public and private-sector experience directing archaeological and cultural heritage projects in urban, rural, Arctic and Sub-Arctic environments in Canada as well as the Republic of South Africa, Italy, and France. His career has included positions as project archaeologist and cultural resource management specialist for Parks Canada's Fort Henry National Historic Site Conservation Program and Western Arctic Field Unit, Heritage Manager for the Town of Lunenburg UNESCO World Heritage Site, and senior-level archaeologist and cultural heritage specialist for CH2M and Golder Associates. He currently holds a **Professional Archaeology Licence (P327)** issued by the Ontario MCM, is MTO RAQs certified in Archaeology/Heritage and is a member of the **Canadian Association of Heritage Professionals (CAHP)** and **Register of Professional Archaeologists (RPA)**. His education includes a B.A. in Prehistoric Archaeology and Anthropology from Wilfrid Laurier University, a MA in Historical Archaeology from Memorial University, and a Ph.D. in War Studies from the Royal Military College of Canada. Henry is also an Adjunct Professor of Anthropology at Saint Mary's University and over the past five years has taught archaeology courses in the Anthropology, Classics, and Visual & Material Culture departments at Mount Allison University.

Johanna Kelly, M.Sc. – Cultural Heritage Specialist- Ms. Kelly has worked in the field of Cultural Resource Management since 2007. She is skilled in the identification and evaluation of built heritage resources and cultural heritage landscapes and mitigation of proposed impacts on heritage resources. She has worked on a wide variety of projects throughout Ontario, including cultural heritage resources assessments, heritage impact assessments, cultural heritage evaluations, documentation reports, strategic conservation plans, heritage conservation district studies and plans, and archaeological assessments. Ms. Kelly has extensive experience applying local, Provincial, and Federal heritage guidelines and regulations to evaluate protected and potential cultural heritage properties. Ms. Kelly has completed cultural heritage projects under a variety of processes, including: the *Environmental Assessment Act*, *Planning Act*, *Ontario Heritage Act*, and the *Transit Project Assessment Process*. Ms. Kelly holds a **Professional Archaeological License (P1017)** issued by the Ministry of Citizenship and Multiculturalism.

Robert Pinchin, B.A. Hons, CAHP Intern - Cultural Heritage Technician - Mr. Pinchin holds an Honours, B.A. Degree in Canadian History from McMaster University and is currently working towards a Post-Graduate Certificate in Geographic Information Systems from Toronto Metropolitan University. Mr. Pinchin has experience working in cultural heritage preservation and conducting heritage assessments in a wide range of projects. He has experience conducting Environmental Assessments and authoring Cultural Heritage Resource Assessments, Archaeological Assessments, Heritage Impact Assessments, and Cultural Heritage Evaluation Reports. Mr. Pinchin has experience with conducting cultural heritage work for public and private clients in support of infrastructure development, oil and gas projects, utility upgrades, residential development, and more. Mr. Pinchin has experience interpreting and applying municipal, provincial, and federal legislation within the heritage context. He is an intern member of the Canadian Association of Heritage Professionals (CAHP). Mr. Pinchin has experience as an archaeologist during which he conducted stage 1-4 archaeological assessments, identified, and catalogued artifacts, and worked with GIS technologies to map units and site boundaries. In these endeavours Mr. Pinchin has worked closely with First Nation community members across the country in order to develop heritage framework in a comprehensive and compassionate manner.

Appendix D:

Limitations



Limitations

- 1** The work performed in the preparation of this report and the conclusions presented are subject to the following:
 - a** The Standard Terms and Conditions which form a part of our Professional Services Contract;
 - b** The Scope of Services;
 - c** Time and Budgetary limitations as described in our Contract; and
 - d** The Limitations stated herein.
- 2** No other warranties or representations, either expressed or implied, are made as to the professional services provided under the terms of our Contract, or the conclusions presented.
- 3** The conclusions presented in this report were based, in part, on visual observations of the Site and attendant structures. Our conclusions cannot and are not extended to include those portions of the Site or structures, which are not reasonably available, in WSP's opinion, for direct observation.
- 4** The environmental conditions at the Site were assessed, within the limitations set out above, having due regard for applicable environmental regulations as of the date of the inspection. A review of compliance by past owners or occupants of the Site with any applicable local, provincial or federal bylaws, orders-in-council, legislative enactments and regulations was not performed.
- 5** The Site history research included obtaining information from third parties and employees or agents of the owner. No attempt has been made to verify the accuracy of any information provided, unless specifically noted in our report.
- 6** Where testing was performed, it was carried out in accordance with the terms of our contract providing for testing. Other substances, or different quantities of substances testing for, may be present on-site and may be revealed by different or other testing not provided for in our contract.
- 7** Because of the limitations referred to above, different environmental conditions from those stated in our report may exist. Should such different conditions be encountered, WSP must be notified in order that it may determine if modifications to the conclusions in the report are necessary.
- 8** The utilization of WSP's services during the implementation of any remedial measures will allow WSP to observe compliance with the conclusions and recommendations contained in the report. WSP's involvement will also allow for changes to be made as necessary to suit field conditions as they are encountered.
- 9** This report is for the sole use of the party to whom it is addressed unless expressly stated otherwise in the report or contract. Any use which any third party makes of the report, in whole or the part, or any reliance thereon or decisions made based on any information or conclusions in the report is the sole responsibility of such third party. WSP accepts no responsibility whatsoever for damages or loss of any nature or kind suffered by any such third party as a result of actions taken or not taken or decisions made in reliance on the report or anything set out therein.
- 10** This report is not to be given over to any third party for any purpose whatsoever without the written permission of WSP.
- 11** Provided that the report is still reliable, and less than 12 months old, WSP will issue a third-party reliance letter to parties that the client identifies in writing, upon payment of the then current fee for such letters. All third parties relying on WSP's report, by such reliance agree to be bound by our proposal and WSP's standard reliance letter. WSP's standard reliance letter indicates that in no event shall WSP be liable for any damages, howsoever arising, relating to third-party reliance on WSP's report. No reliance by any party is permitted without such agreement.

Appendix E:

Summary of Responses to Town Comments





(CBM-Caledon Quarry Proposal)

HERITAGE COMMENT SUMMARY TABLE RESPONSE

18772 MAIN STREET

Colour Code	Description
	Resolved
	Resolved subject to additional information being provided to Town Reviewers (e.g, Implementation Guide, Report Addendums)
(no colour)	Response provided, but no further action taken or required by Project Team

All HIAs

	Town Comment No.	Initial Town Heritage Comments (March 18, 2025)	Page / Section	Applicant Response (September 18, 2025)	Town Response (December 21, 2025)	Applicant Response (Date)	Town Response (Date)	Applicant Response
Report: Comments for ALL HIAs			Author: WSP					
1.	3.	The Town is in agreement regarding the following principal conservation measures being proposed for the five properties within the subject lands identified as having cultural heritage resources: 18722 Main Street: 1. retention in situ of farmhouse and outbuildings for continued residential use. 2. Designation under Part IV of the OHA	Heritage Comments Doc	Acknowledged. Note that designation under Part IV of the OHA will be applied to a portion of the property as defined by the agreed upon R Plan.	Accepted			
2.	4.	Further to receipt of the HIAs and pursuant to the recommendations, the Town issued Notices of Intention to Designate the following four properties: i. 18667 Mississauga Road ii. 18501 Mississauga Road iii. 1420 Charleston Sideroad iv. 18722 Main Street	Heritage Comments Doc	Acknowledged	Accepted			
3.	5.	The Town has subsequently entered into a Heritage Designation By-law Extension Agreement with the Owner for each of these properties to continue conservation strategies and extend timing for passing of the designation by-laws.	Heritage Comments Doc	Acknowledged	Accepted			

	Town Comment No.	Initial Town Heritage Comments (March 18, 2025)	Page / Section	Applicant Response (September 18, 2025)	Town Response (December 21, 2025)	Applicant Response (Date)	Town Response (Date)	Applicant Response
Report: Comments for ALL HIAs			Author: WSP					
4.	6.	The Town has been meeting regularly with GSAI and the applicant's heritage consultants regarding implementation processes and timelines for the proposed heritage conservation measures. Among other things, these meetings have identified the need for preparation of reference plans and Heritage Easement Agreements for the four properties to be designated, and Heritage Permits for implementation of the Heritage Conservation Plan work and building relocations.	Heritage Comments Doc	Note that reference to these discussions has been included in the updated HIA.	Accepted			
5.	7.	A draft Heritage Easement Agreement (HEA) template, prepared by the Town, is under review by the applicant's legal team . It is anticipated that the HEAs will be entered into upon completion of the reference plans.	Heritage Comments Doc	Acknowledged	Accepted			
6.	8.	Please revise the five HIAs based on the comments below and on the attached PDFs	General	Updated as discussed below	Accepted			
7.	9.	Identify the proposed extraction phase in which each Study Area is located, as it is understood that the phasing will affect timing of implementation of conservation recommendations.	Appendix A	The May 2025 site plan has been added to the reports as an appendix. Short-, medium-, and long-term conservation strategies are discussed in the associated forthcoming HCPs	Accepted			
8.	10.	Figures: • Revise list of figures in Indexes, as not all are included (typically missing Figs 10-12) • Figure numbers and titles are hard to find/read (especially Fig 2 onwards). Please revise figure layout to place the figure number and title closer together and make them more prominent. • Figure 1 – on legend, revise 'Limit of Extraction' to 'Proposed Limit of Extraction' as the aggregate application is not yet approved • Figure 3 – revise title to '1859 Tremaine Map of the County of Peel' • Figure 4 – revise title to '1877 Historical Atlas of Peel County' • Figure 5 – revise title to '1937 Topographic Map' and include source • Figure 7 – revise title to '1954 Aerial Photograph' and include source • Figure 8 – revise title to '1973 Topographic Map' and include source • Figure 9 – revise title to '1994 Topographic Map' and include source o revise additional figures in similar fashion where necessary	Figures	Table of contents in all reports have been updated to ensure all figures are captured. Figure frames are standard for the project and are being used across disciplines. Sources for maps and photographs are included in the bibliography as well as in text. As such, figure titles have been left unchanged. Photos provided from the 1980s and 1990s have been added to the reports where applicable. Site Plan has been added to the reports as an appendix.	Accepted			

	Town Comment No.	Initial Town Heritage Comments (March 18, 2025)	Page / Section	Applicant Response (September 18, 2025)	Town Response (December 21, 2025)	Applicant Response (Date)	Town Response (Date)	Applicant Response
Report: Comments for ALL HIAs			Author: WSP					
		• Add Figures using selections from the 1980s-1990s aerial photographs provided by the Town. The site information provided in these aerial photographs is pertinent to revisions requested in the HIAs regarding dating of some site structures. • Add Figure showing proposed extraction phasing plan to help illustrate timing of anticipated impacts to the individual Study Areas.						
9.	11.	Section 2.1 Regulatory Requirements: add reference to Aggregate Resources Act requirements for cultural heritage assessments, as had been identified in section 3.2.1 of the Cultural Heritage Report.	Section 2.1.1	Updated	Accepted			
10.	12.	Section 2.1.1 Provincial Policy Statement: update to PPS 2024	Section 2.1.2	Updated	Accepted			
11.	13.	Section 2.1.2 OHA: update to reflect more recent OHA amendments regarding Bill 23 and Bill 200	Section 2.2.3	Updated	Accepted			
12.	14.	Section 2.1.4 Town of Caledon Official Plan: add reference to Future Caledon Official Plan policies where appropriate as this new OP was approved by Council in May 2024 and approval by the Province is expected imminently.	Section 2.1.5	Future Caledon was adopted by Caledon Council in March 2024 and has not yet been approved by MMAH. Since the Planning Act Applications were submitted in Dec 2022, the Future Caledon Official Plan is not applicable.	Accepted			
13.	15.	Section 2.3 Background Research: at end of first paragraph, revise 1858 date to 1859 to reflect correct date of Tremaine's Map of the County of Peel.	Section 2.3	Updated	Accepted			
14.	16.	Section 2.6 Cultural Heritage Evaluation: review and revise the last sentence regarding the section of the report in which the results are provided, as every report identifies the incorrect section.	Section 2.6	Updated	Accepted			
15.	17.	Table 2: revise title to include 'Aerial Photographs' and revise table to include selected 1980s90s air photos.	Table 2	Updated where applicable.	Accepted			
16.	18.	See editorial comments made in the following sections of the 18667 Mississauga Road report that are common to these sections in all of the HIA reports: a. Section 2.8 Mitigation Measures b. Section 3.1 Physiography c. Section 3.2 Indigenous Land Use d. Section 3.3.2 Town of Caledon and Former Township of Caledon	See relevant sections listed in column 1	Updated	Accepted			

	Town Comment No.	Initial Town Heritage Comments (March 18, 2025)	Page / Section	Applicant Response (September 18, 2025)	Town Response (December 21, 2025)	Applicant Response (Date)	Town Response (Date)	Applicant Response
Report: Comments for ALL HIAs				Author: WSP				
		e. Section 4.2.1 Location Context						
17.	19.	Section 4.2.3: review description of the orientation of the farmhouses for consistency. All HIAs note the orientation will be described as north-south ‘for ease of description’, which makes sense, however this is then applied differently. For 18501 Mississauga, 1055 Charleston and 1420 Charleston north-south is aligned with the concession roads (i.e. Mississauga Rd), whereas for 18667 Mississauga and 18722 Main Street it is aligned with the sideroad (Charleston).	Section 4.2.3	This is defined for each property and not meant to be defined across reports	Accepted			
18.	20.	Section 5.2.4 summary statement that the study areas ‘do not meet criteria for consideration as CHLs’ is not substantiated by any CHL evaluation, apart from an earlier statement that these properties were not identified in the Town’s CHL Inventory. The Town’s CHL Inventory report acknowledges that the inventory was done at a high level and speaks to additional potential CHLs being identified through further evaluation of individual properties or areas; farmsteads are often described in CHERs as CHLs.	Section 5.2.4	The evaluation of the Study Area under 9/06 included an evaluation for consideration of a CHL. The evaluation found that the criteria for a CHL were not met.	Accepted			
19.	21.	Table 6: Indirect Impact re change in land use: Town disagrees with ‘no impact’ conclusion since the proposed land use requires rezoning and will result in a clear change in land use. Table 3 of the CHR also concludes that isolation is anticipated for the subject properties.	Table 6	Updated to reflect impacts from change in land use	Accepted			
20.	22.	Further to comment 2b) above, provide explanation for 50 metre no-go buffer as being an appropriate protection distance for cultural resources for construction activities related to blasting quarry.	Section 8	Updated	Accepted			
21.	23.	Further to comment 2e) above, provide explanation of a blast impact assessment prior to inclusion of this measure in Section 8. a. What is it, who undertakes it, timing and frequency of testing over duration of operation, monitoring, requirement for results to be shared with Town etc.	Section 8	This information is contained in the Blast Impact Assessment for the project. Updated to direct readers to this report.	Accepted			
22.	24.	Provide explanation of a vibration monitoring plan prior to inclusion of this measure in Section 8. a. What is it, who undertakes it, timing and frequency of testing over duration of operation, how are outcomes communicated/recorded, monitoring, requirement for results to be shared with Town etc. b. Further to comment 2c) above, explain/substantiate appropriateness of 60 m zone for vibration monitoring noted in Cultural Heritage Report	Section 8	a) This information is provided by the vibration specialist and reports have been updated to direct to the Blast Impact Assessment b) As referenced in the Cultural Heritage Report, 60 m was established in Carmen et al 2012 as an appropriate buffer for heritage structures. This has been refined to 50 m in the HIA’s based on the experience of WSP’s vibration specialists	Accepted			

	Town Comment No.	Initial Town Heritage Comments (March 18, 2025)	Page / Section	Applicant Response (September 18, 2025)	Town Response (December 21, 2025)	Applicant Response (Date)	Town Response (Date)	Applicant Response
Report: Comments for ALL HIAs			Author: WSP					
23.	25.	Further to comment d) above, address fugitive dust impacts noted in Cultural Heritage Report and identify potential mitigation measures for 18667 Mississauga Road, 18501 Mississauga Road, 1420 Charleston Sideroad, 18722 Main Street.	Section 8	This information is contained in the Air Quality Impact Assessment and associated management and monitoring plans for the project. Updated to direct readers to this report.	Accepted			
24.	26.	Update/reorganize Section 8 to reflect outcomes of the on-going discussion between the Town and the applicant regarding status/timing of conservation measures and individual comments made on attached PDFs: a. Status of designation process under Part IV of the OHA for 18667 Mississauga Road, 18501 Mississauga Road, 1420 Charleston Sideroad, 18722 Main Street and when to be completed. b. Preparation of reference plans for above-noted properties denoting property boundaries to which the designation by-laws will apply and relocation sites. c. Requirement for Heritage Easement Agreements to be registered on title for the abovenoted properties until: i. relocations completed ii. properties inhabited iii. designation by-laws passed d. Heritage Conservation Plans for above-noted properties shall be completed in accordance with scope of work approved by the Town. e. Acknowledgement that relocation of farmhouses at 18501 and 18667 Mississauga Road shall not occur until aggregate license and planning approvals are in place. f. Requirement of Heritage Permits for implementation of approved Heritage Conservation Plans, relocation of buildings, salvage/dismantling of outbuildings.	Section 8	Updated	Accepted			
25.	27.	Provide all photographs of the cultural heritage resources to the Town in digital format.	General	Updated	Accepted			
26.	28.	The statements of cultural heritage value and interest and list of heritage attributes will require some minor revisions, as noted, prior to passing of the designation by-laws.	Section 5	Noted however there is no requirement for the proposed SCHVI and list of attributes in the designation by-laws to match exactly with the proposed SCHVI and list of attributes in consultant reports.	Accepted			

18722 Main Street HIA

	Town Comment No.	Initial Town Heritage Comments (March 18, 2025)	Page / Section	Applicant Response (September 18, 2025)	Town Response (December 21, 2025)	Applicant Response (Date)	Town Response (Date)	Applicant Response
		Report: 18722 Main Street	Author: WSP					
1.	39	See comments on marked-up PDF copy of HIA, attached	General	Updated where applicable	Accepted			
2.	39	push table title to next page to connect to table itself.	14/3.4.1	Updated	Accepted			
3.	39	consider rephrasing as 'west half of Caledon Township' as 'Caledon West' was not a village or political entity.	15/3.4.1	Updated	Accepted			
4.	39	insert 'wtih the remnant parcel'	16/3.4.1	Updated	Accepted			
5.	39	add applicable 1980s-90s air photos	16/3.4.2	Included 1985 and 1996 photos	Accepted			
6.	39	replace with 'centre of the'	26/4.2.2	Updated	Accepted			
7.	39	review and delete one of these	26/4.2.2	Updated	Accepted			
8.	39	expand to mention historic route along field edges linking this farmstead to that at 18667 Mississauga as evidenced in air photos, and 18667 painting and oblique air photo.	26/4.2.2	Noted in Section 3.4.2 Study Area History that this path has not been maintained since prior to 1996. Section 4.2.2 describes the current conditions, and the path was not observed during site visits.	Accepted			
9.	39	consider referencing Figure 10	32/4.2.3.1	Updated	Accepted			
10.	39	insert 'been'	32/4.2.3.1	Updated	Accepted			
11.	39	describe the other door and why it's likely not the principal evidence.	32/4.2.3.1	Updated wording for clarity	Accepted			
12.	39	north	32/4.2.3.1	Updated	Accepted			
13.	39	review this paragraph as repeats information from previous one re entrances and windows	32/4.2.3.1	Revised	Accepted			

	Town Comment No.	Initial Town Heritage Comments (March 18, 2025)	Page / Section	Applicant Response (September 18, 2025)	Town Response (December 21, 2025)	Applicant Response (Date)	Town Response (Date)	Applicant Response
		Report: 18722 Main Street			Author: WSP			
14.	39	add description of upper storey windows	32/4.2.3.1	Windows are generally described in the intro paragraph with a representative photo	Accepted			
15.	39	odd description, as the footprint is the footprint. Do you mean the footprint entails a front block and rear block offset from each other? Refer to Figure 10	32/4.2.3.1	Updated	Accepted			
16.	39	explain what is meant by history of additions. - evidence on south/rear elevation of outline of earlier rear addition.	32/4.2.3.1	Updated	Accepted			
17.	39	expand description to state one-storey, frame, on poured concrete foundation..	32/4.2.3.1	Updated	Accepted			
18.	39	identify which, as the text describes them as being different,	34/4.2.3.1	Updated	Accepted			
19.	39	revise to note entrance is to the rear addition	37/4.2.3.1	Updated	Accepted			
20.	39	revise captions for plates 30 and 31, as these descriptions pertain to a different property	37/4.2.3.2	Updated	Accepted			
21.	39	insert 'clad'.	37/4.2.4	Updated	Accepted			
22.	39	- note as a bank barn - note ramp is on end-gable, making this an 'end-drive' barn, which is very uncommon in former Caledon Township and Town of Caledon generally	37/4.2.4	Updated	Accepted			
23.	39	- what suggests this date? - equally possible to be contemporaneous with barn.	38/4.2.4	Updated. Without investigating the drive shed's framing it is impossible to confirm if the driveshed is contemporaneous with the barn or a later construction.	Accepted			
24.	39	explain evidence for this, as none provided in s. 4.2.4	39/4.2.5	Updated evidence in S.4.2.4	Accepted			

	Town Comment No.	Initial Town Heritage Comments (March 18, 2025)	Page / Section	Applicant Response (September 18, 2025)	Town Response (December 21, 2025)	Applicant Response (Date)	Town Response (Date)	Applicant Response
		Report: 18722 Main Street	Author: WSP					
25.	39	first use of this term. should it be used in earlier description in s. 4.2.4?	39/4.2.5	This term is already mentioned in S.4.2.3.2, no updates required.	Accepted			
26.	39	replace with roof	40/4.2.5	Gable-type is the subtype defined by Ennals, no updates required	Accepted			
27.	39	end drive bank barn	40/4.2.5	Updated interpretation to include end drive bank description	Accepted			
28.	39	note end drive style of barn as uncommon to area.	40/4.2.5	Updated	Accepted			
29.	39	include summary of driveshed as second agricultural outbuilding?	40/4.2.5	Updated	Accepted			
30.	39	downspout missing on west side per Plate 26?	41/4.2.6.1	Updated	Accepted			
31.	39	1420	45/4.2.6.3	Updated	Accepted			
32.	39	?? it's described in 4.2.4 as likely timber frame construction.	45/4.2.6.3	Updated	Accepted			
33.	39	vertical	45/4.2.6.3	Updated	Accepted			
34.	39	fronting Main Street	45/4.2.6.3	Updated	Accepted			
35.	39	revise as this comment pertains to the main house, not the addition	46/4.2.6.3	Updated	Accepted			
36.	39	end drive bank	48/5.2.1	Updated	Accepted			
37.	39	delete as not substantiated	48/5.2.1	Revised for clarity	Accepted			
38.	39	into the late 20th century	48/5.2.2	Updated	Accepted			
39.	39	by	48/5.2.3	Updated	Accepted			
40.	39	1420	48/5.2.3	Updated	Accepted			
41.	39	add driveshed	49/5.3.2	Based on the site visit and research there is not	Accepted			

	Town Comment No.	Initial Town Heritage Comments (March 18, 2025)	Page / Section	Applicant Response (September 18, 2025)	Town Response (December 21, 2025)	Applicant Response (Date)	Town Response (Date)	Applicant Response
		Report: 18722 Main Street	Author: WSP					
				enough evidence to support the driveshed as a heritage attribute. Does the Town have more information on this structure that would substantiate this?				
42.	39	delete as incorrect use of term	49/5.3.2	Updated	Accepted			
43.	39	east, per orientation stated in s.4.2.3	49/5.3.2	Updated to reference cardinal direction as SCHVI will not be paired in perpetuity with existing condition section in this HIA	Accepted			
44.	39	add entrances and doors	50/5.3.3	Updated	Accepted			
45.	39	just 'north' per orientations used elsewhere	50/5.3.3	Suggest keeping this as cardinal direction, as SCHVI will not be paired in perpetuity with existing condition section in this HIA. No update required.	Accepted			
46.	39	two-storey	50/5.3.3	Updated	Accepted			
47.	39	delete 'dichromatic'	50/5.3.3	Updated	Accepted			
48.	39	note chamfered water table with bush hammered and chiselled margins	50/5.3.3	Updated to describe watertable as rough faced with chiselled margin (not bush hammered)	Accepted			
49.	39	add vertical plank siding, window and doors in stone foundation; hardware	50/5.3.3	Vertical plank siding, windows and doors added. Hardware is not original.	Accepted			

	Town Comment No.	Initial Town Heritage Comments (March 18, 2025)	Page / Section	Applicant Response (September 18, 2025)	Town Response (December 21, 2025)	Applicant Response (Date)	Town Response (Date)	Applicant Response
		Report: 18722 Main Street	Author: WSP					
50.	39	add driveshed	50/5.3.3	Based on the site visit and research there is not enough evidence to support the driveshed as a heritage attribute. Does the Town have more information on this structure that would substantiate this?	Accepted			
51.	39	update to reflect 50 m buffer	52/6.2	The distance noted here is prior to any mitigation being applied. The 50 m buffer is being applied as a mitigation measure and so updates to section 7 have been made to capture this.	Accepted			
52.	39	insert 'the proposed work'	52/6.2	Updated	Accepted			
53.	39	of the farmhouse and outbuildings	54/7.1	Updated to make specific reference to the farmhouse and barn	Accepted			
54.	39	and driveshed	54/7.1	Based on the site visit and research there is not enough evidence to support the driveshed as a heritage attribute. Does the Town have more information on this structure that would substantiate this?	Accepted			
55.	39	add that another property has been selected and additional offices are not needed	55/7.2	Updated	Accepted			
56.	39	and driveshed	55/7.2	Based on the site visit and research there is not enough evidence to support the driveshed as a heritage attribute. Does the Town have more information on this structure that would substantiate this?	Accepted			

	Town Comment No.	Initial Town Heritage Comments (March 18, 2025)	Page / Section	Applicant Response (September 18, 2025)	Town Response (December 21, 2025)	Applicant Response (Date)	Town Response (Date)	Applicant Response
		Report: 18722 Main Street	Author: WSP					
57.	39	and outbuildings	55/7.2	Updated to include the barn	Accepted			
58.	39	and outbuildings	55/7.2	Updated to include the barn	Accepted			
59.	39	update to reflect reference plan boundary and illustrate the proposed berm and the adjustment of the extraction limit to accommodate the 50m no-go buffer	58/7.5	Updated site plan has been added to the appendix to illustrate the updated extraction limit and location of the proposed berm. A draft of the R Plan is included as an appendix.	Accepted			
60.	39	add mitigation measure regarding process if property is vacated prior to implementation of conservation measures	59/8	Recommendation 5a recommends that a mothball plan (that includes a maintenance and inspection schedule) should be developed by a qualified specialist should the property be vacated. Further information will be presented in the Maintenance and Management Plan.	Accepted			
61.	39	add driveshed	59/8	Based on the site visit and research there is not enough evidence to support the driveshed as a heritage attribute. Does the Town have more information on this structure that would substantiate this?	Accepted			
62.	39	add driveshed	59/8	Based on the site visit and research there is not enough evidence to support the driveshed as a heritage attribute. Does the Town have more information on this	Accepted			

	Town Comment No.	Initial Town Heritage Comments (March 18, 2025)	Page / Section	Applicant Response (September 18, 2025)	Town Response (December 21, 2025)	Applicant Response (Date)	Town Response (Date)	Applicant Response
		Report: 18722 Main Street	Author: WSP					
				structure that would substantiate this?				
63.	39	how does reference plan boundary reflect this 50 metre buffer?	59/8	The 50 m buffer is a project boundary, not a legal boundary, and will be reflected on the Site Plan (not the Reference Plan)	Accepted			
64.	39	add driveshed	59/8	Based on the site visit and research there is not enough evidence to support the driveshed as a heritage attribute. Does the Town have more information on this structure that would substantiate this?	Accepted			
65.	39	update to reflect proposed berm location, barn maintenance access and drainage concerns	59/8	Updated	Accepted			
66.	39	update to reflect anticipated HCP, which should include this recommendation for a m&m plan	59/8	Updated	Accepted			
67.	39	Through on-going discussions, the applicant confirmed that the proposed perimeter berm separating the extraction area from this property is designed to be a minimum of 3 metres from the end gable wall of the barn, allowing sufficient room for future maintenance of the barn, with drainage sloped eastward to Main Street. Town engineering staff has confirmed that this berm design is satisfactory to ensure appropriate drainage away from the barn foundations.	Heritage Comments Doc	Noted, we have updated the recommendations to account for the maintenance and drainage considerations.	Accepted			

	Town Comment No.	Town Heritage Comments (December 21, 2025)	Page / Section	Applicant Response (February 23, 2026)	Town Response (Date)	Applicant Response (Date)	Town Response (Date)	Applicant Response
1.	4.	The Town appreciates the inclusion of a comment response matrix as an appendix to each updated HIA.	n/a	Acknowledged				
2.	5.	It is noted that following submission of the updated HIAs CBM advised Heritage staff that a further addendum to them may be required to ensure language within the reports is suitable to Ministry of Natural Resource governance through the Aggregate Resources Act process.	n/a	Acknowledged				
3.	6.	It is further noted that, subsequent to submission of the updated HIAs, on-going discussions between CBM/WSP and Heritage staff have resulted in changes to the proposed heritage conservation strategies for the properties at 1420 Charleston Sideroad and 18722 Main Street. These changes were noted in WSP's CBM Caledon Pit / quarry Cultural Heritage Deliverable List Update, dated November 24, 2025, and include: b. 18722 Main Street: at the Town's request, a Heritage Conservation Plan will be produced in lieu of a Heritage Management and Maintenance Plan.	n/a	Acknowledged. Recommendation 6a has been added to acknowledge this in the HIA.				
4.	7.	The Town's comments applicable to all HIAs have been satisfactorily addressed in the updated HIAs.	n/a	Acknowledged				
5.	11.	All comments have been satisfactorily addressed.	n/a	Acknowledged				

APPENDIX B

By-Law 2026-11

THE CORPORATION OF THE TOWN OF CALEDON

BY-LAW NO. 2026-011

A by-law to designate a portion of the property
municipally known as 18722 Main Street as being of
cultural heritage value or interest.

WHEREAS Section 29 of the *Ontario Heritage Act* authorizes the council of a municipality to enact by-laws to designate property to be of cultural heritage value or interest;

AND WHEREAS the Council of The Corporation of the Town of Caledon (the "Council") has, further to Staff Report 2024-0056, consulted with the municipal heritage committee, Heritage Caledon, with respect to the designation of the property as being of cultural heritage value or interest, and Council, by Council Resolution 2024-038, has authorized issuance of a Notice of Intention to Designate and the passage of a designation by-law;

AND WHEREAS the Council has caused notice of its intention to designate the property to be given in accordance with subsections 29(3), 29(4) and 29(4.1) of the *Ontario Heritage Act*;

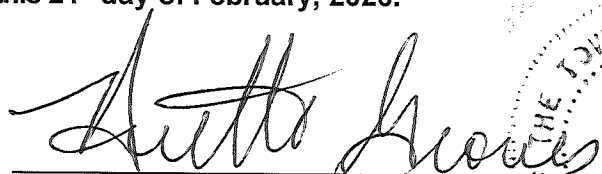
AND WHEREAS the statement of cultural heritage value or interest and description of the heritage attributes in respect of the property are set out in Schedule "A" to this by-law;

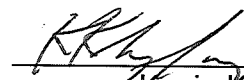
AND WHEREAS no notice of objection to the proposed designation of the property has been served on the Clerk for The Corporation of the Town of Caledon;

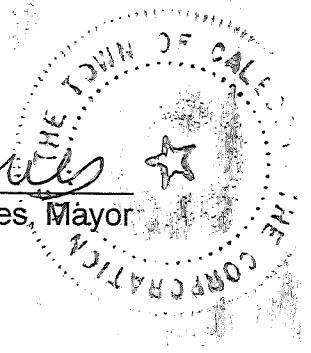
NOW THEREFORE the Council of The Corporation of the Town of Caledon ENACTS AS FOLLOWS:

1. The portion of the property municipally known as 18722 Main Street more particularly described in Schedule "B" (the "Property"), is designated as being of cultural heritage value or interest for reasons set out in Schedule "A" to this by-law.
2. A copy of this by-law to be registered against the Property described in Schedule "B" to this by-law in the proper Land Registry Office.
3. A copy of this by-law to be served upon the owner of the Property and upon the Ontario Heritage Trust and to cause notice of this by-law to be published, as required by the *Ontario Heritage Act*, on The Corporation of the Town of Caledon website in accordance with its Ontario Heritage Act Alternative Notice Protocol.

Enacted by the Town of Caledon Council this 24th day of February, 2026.


Annette Groves, Mayor


Kevin Klingenberg, Municipal Clerk



SCHEDULE “A”

Description

The property municipally known as 18722 Main Street is located on the west side of the street, approximately one kilometre north of Charleston Sideroad, and features a turn of the 20th century farm complex. The portion of the property with cultural heritage value of interest is identified in Schedule "B".

Statement of Cultural Heritage Value or Interest

Built between 1899 and 1905 for James Cameron, the red brick farmhouse at 18722 Main Street is representative of the Italianate architectural style, characterized by its: two-storey massing; hipped roof with wide overhanging eaves and decorative brackets; stone accents producing a dichromatic effect; and wood framed window and door openings with segmental stone eyebrow arches. The farmhouse is set back from the road, accessed by a driveway lined with mature trees. At the rear of the driveway to the south of farmhouse is a three-bay timber-framed barn built in the gable-roof Central Ontario style. Set between the farmhouse and barn is a timber frame driveshed. Both outbuildings were likely constructed at the same time as the house.

The property is historically linked with the Cameron family, who farmed the east half of Lot 17 from the mid-1840s to the late 20th century.

The farmstead has contextual value for being closely tied, both physically and historically, to other properties in the immediate vicinity that were owned by other members of the Cameron family through the 19th and early 20th centuries. As a turn of the century farmstead, the spatial organization and mix of structural elements at 18722 Main Street maintains and supports the rural agricultural character of the wider area.

Description of Heritage Attributes

Heritage attributes that convey the property's design value and physical value:

1. Dwelling:

- Two storey red brick Italianate style farmhouse with an irregular footprint
- Medium pitch hipped roof featuring a wide overhang and decorative paired brackets
- Projecting two-storey frontispiece on northeast elevation with decorative bargeboard on its gable
- Stone accents that are rough faced with chiseled margins:
 - stone quoins
 - segmental stone eyebrow arches on window and door openings
 - stone lug sills
- Original wood hung windows with wooden frames that feature segmental arched heads
- Original entrances with wooden frames that feature segmental arched heads and rectangular transoms
- Original exterior wood doors
- Parged stone foundations with chamfered, rough faced ashlar water table

2. Central Ontario barn:

- Timber frame
- Gable roof with metal cladding
- Fieldstone foundation
- Vertical plank siding
- Windows and doors set into fieldstone foundation
- End-drive ramp on the northwest elevation

3. Driveshed:

- Timber frame
- Gable roof with metal cladding
- Vertical plank siding

Heritage attributes that convey the property's contextual value:

1. Mature vegetation:

- Group of four deciduous trees lining the southeast side of the driveway

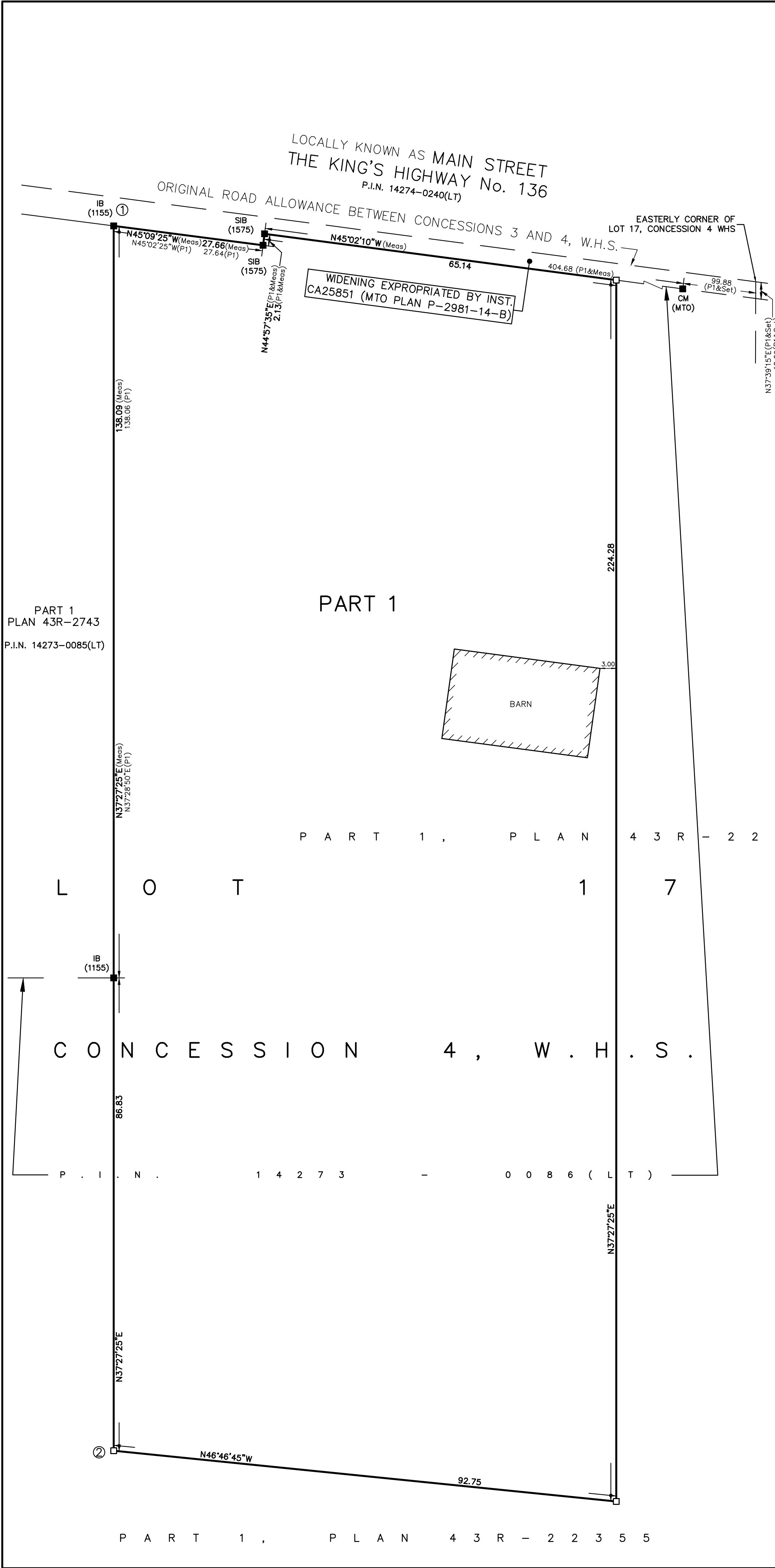
SCHEDULE “B”

Legal Description

Part of Lot 17, Concession 4 West of Hurontario Street (Caledon) designated as Part 1 on Plan 43R-42269; Town of Caledon; Regional Municipality of Peel; Being part of PIN 14273-0086 (LT)

APPENDIX C

Reference Plan



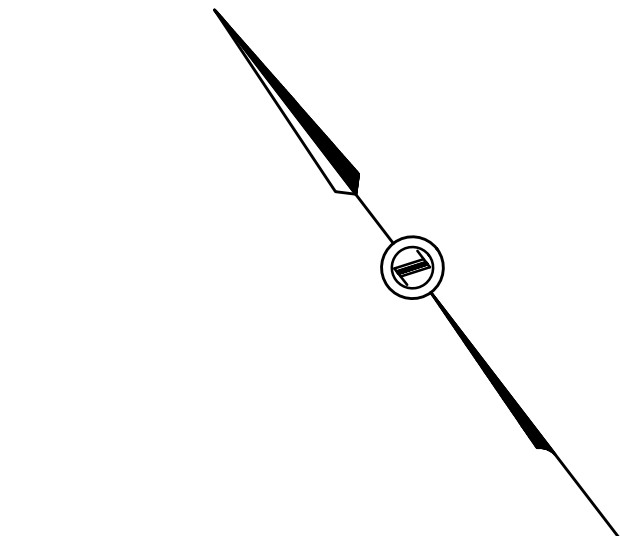
I REQUIRE THIS PLAN TO BE DEPOSITED UNDER THE LAND TITLES ACT		PLAN 43R-		
DATE		RECEIVED AND DEPOSITED		
DATE		DATE		
JANSKY T C LAU Ontario Land Surveyor		REPRESENTATIVE FOR LAND REGISTRAR FOR THE LAND TITLES DIVISION OF PEEL (No.43)		
METRIC DISTANCES AND COORDINATES SHOWN ON THIS PLAN ARE IN METRES AND CAN BE CONVERTED TO FEET BY DIVIDING BY 0.3048				
SCHEDULE				
PART	PART OF LOT	CONCESSION	PART OF PIN	AREA(m²)
1	17	4 W.H.S.	14273-0086(LT)	20770

PLAN OF SURVEY OF
PART OF LOT 17, CONCESSION 4
WEST OF HURONTARIO STREET
(GEOGRAPHIC TOWNSHIP OF CALEDON)
TOWN OF CALEDON
REGIONAL MUNICIPALITY OF PEEL

10m 0 10 20 30 40 50 meters

SCALE 1 : 500

- LEGEND**
- DENOTES SURVEY MONUMENT FOUND
 - DENOTES SURVEY MONUMENT SET
 - CM DENOTES CONCRETE MONUMENT
 - IB DENOTES IRON BAR
 - SIB DENOTES STANDARD IRON BAR
 - 1155 DENOTES VAN HARTEN SURVEYING LTD., O.L.S.
 - 1575 DENOTES J.R. FINNIE, O.L.S.
 - MTO DENOTES MINISTRY OF TRANSPORTATION, ONTARIO
 - P1 DENOTES PLAN 43R-22355
 - WHS DENOTES WEST OF HURONTARIO STREET



NOTE
ALL BUILDING TIES ARE PERPENDICULAR TO PROPERTY LINES UNLESS OTHERWISE NOTED. PROPERTY LINES ARE UNFENCED UNLESS OTHERWISE NOTED.

BEARINGS SHOWN HEREON ARE UTM GRID BEARINGS AND ARE DERIVED FROM OBSERVED REFERENCE POINTS ① AND ② BY REAL TIME CANNET NETWORK OBSERVATIONS AND REFERRED TO THE 6° UTM COORDINATE SYSTEM, ZONE 17, CENTRAL MERIDIAN 81° WEST LONGITUDE (NAD 83, CSRS 2010).

DISTANCES SHOWN ON THIS PLAN ARE ADJUSTED GROUND LEVEL DISTANCES, AND CAN BE CONVERTED TO GRID DISTANCES BY MULTIPLYING THE DISTANCE BY COMBINED SCALE FACTOR 0.9996158.

FOR BEARINGS COMPARISONS, THE FOLLOWING ROTATION WAS APPLIED.
P1 - 0°39'25" COUNTER CLOCKWISE

THE COORDINATES SHOWN ON THIS PLAN, IN THEMSELVES, CANNOT BE USED TO RE-ESTABLISH THE CORNERS OR BOUNDARIES SHOWN ON THIS PLAN.

COORDINATES SHOWN ON THIS PLAN ARE IN COMPLIANCE WITH THE SURVEYORS ACT, URBAN ACCURACY PER O.REG. 216/10, SECTION 14(2).

OBSERVED REFERENCE POINTS UTM(NAD83, CSRS 2010)		
PLAN COORDINATES	NORTHING	EASTING
1	4854397.495	577213.680
2	4854219.025	577076.947

SURVEYOR'S CERTIFICATE

I CERTIFY THAT:

- THIS SURVEY AND PLAN ARE CORRECT AND IN ACCORDANCE WITH THE SURVEYS ACT, THE SURVEYORS ACT, THE LAND TITLES ACT, AND THE REGULATIONS MADE UNDER THEM.
- THE SURVEY WAS COMPLETED ON THE X DAY OF X, 2024.

DRAFT

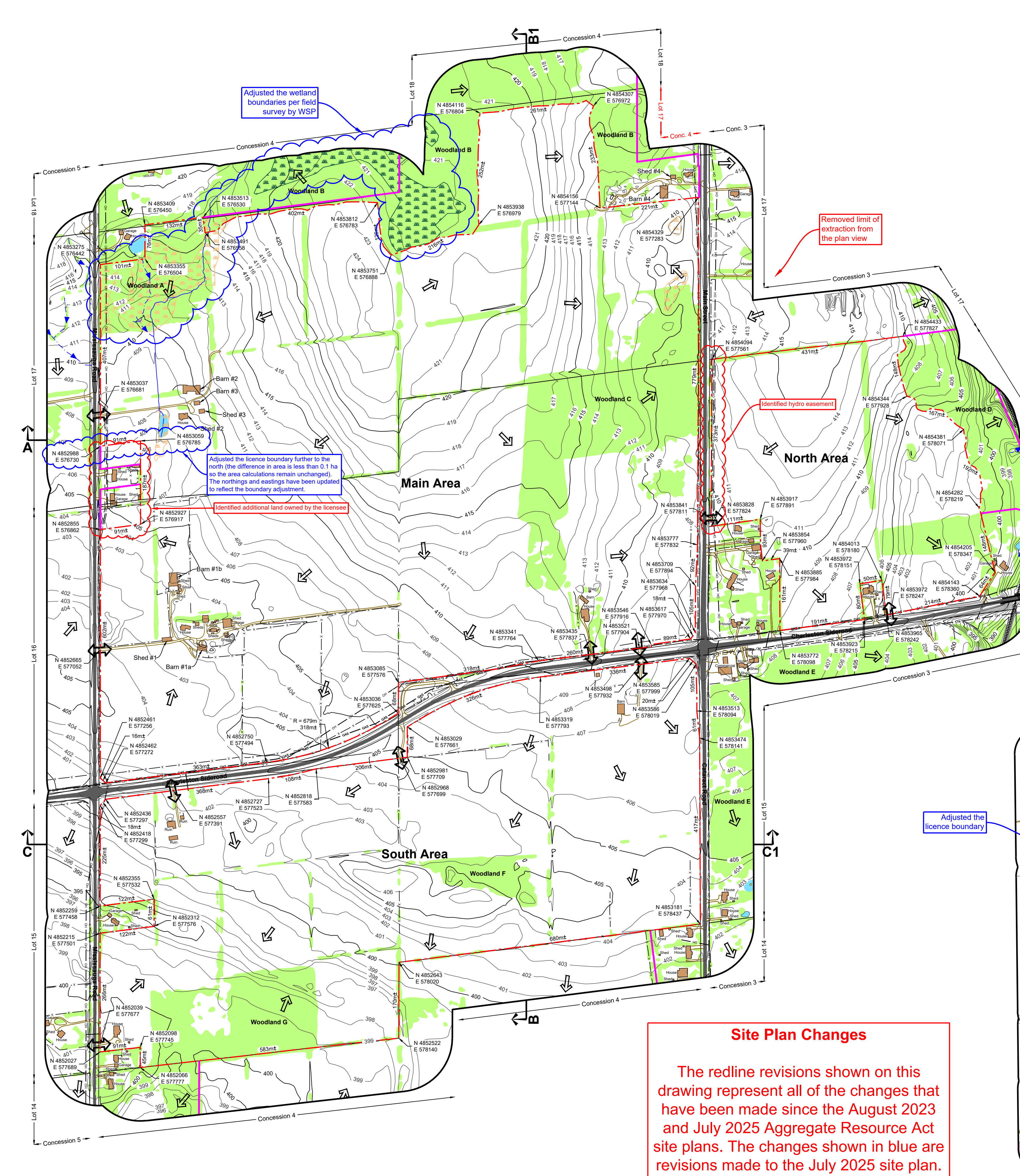
DATE JANSKY T C LAU-ONTARIO LAND SURVEYOR

THIS PLAN OF SURVEY RELATES TO AOLS PLAN SUBMISSION FORM NUMBER V-

 Delph & Jenkins North Ltd. Ontario Land Surveyors 220 Industrial Parkway S., Unit 6, Aurora, Ontario L4G 3V6 www.djsurveyors.com info@djsurveyors.com Tel.905-841-8526	22213-13	
	DRAWN : JL	CHECKED : GKJ

APPENDIX D

Site Plan (May 2026)



Site Plan Changes

The redline revisions shown on this drawing represent all of the changes that have been made since the August 2023 and July 2025 Aggregate Resource Act site plans. The changes shown in blue are revisions made to the July 2025 site plan.

- [illegible]

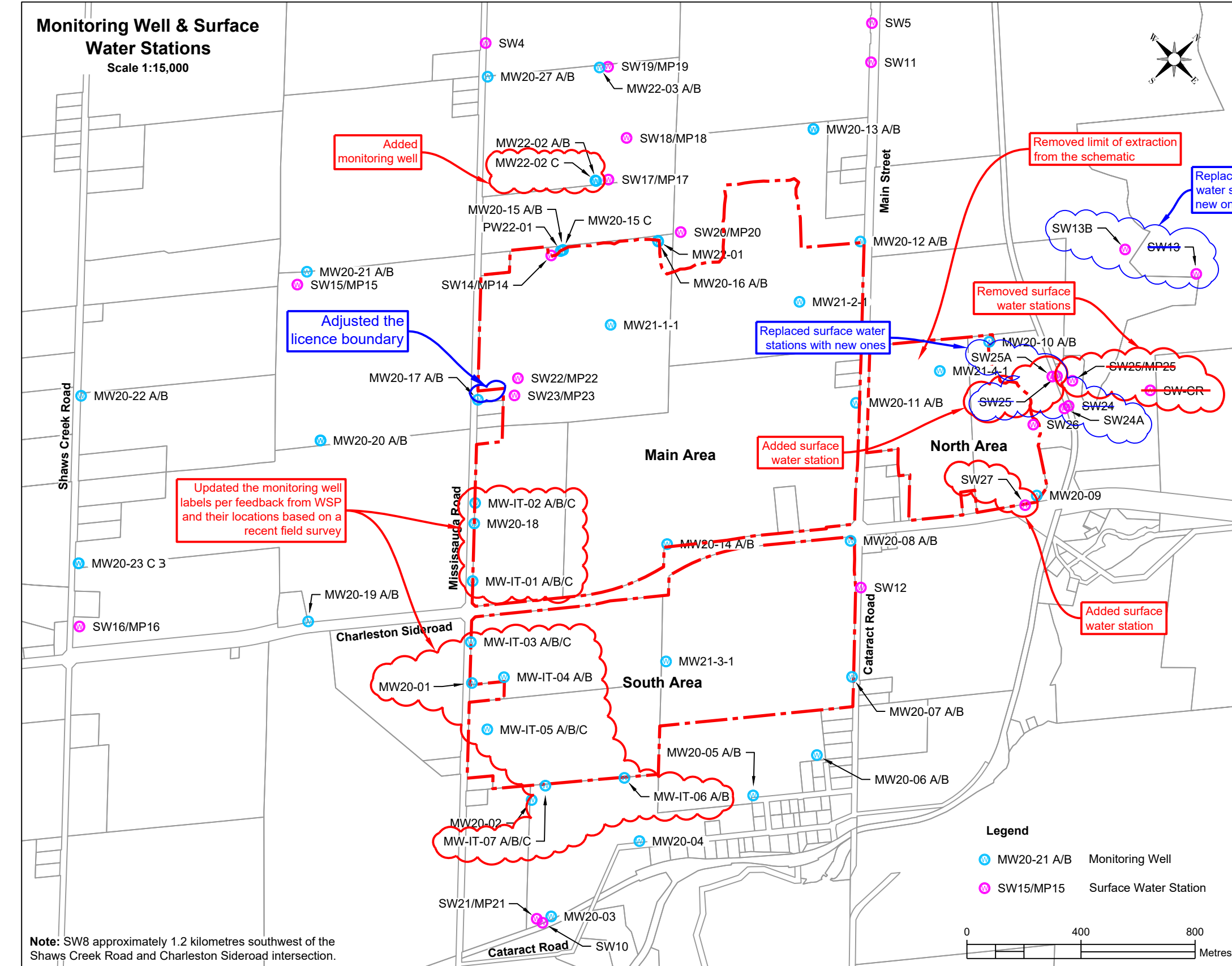
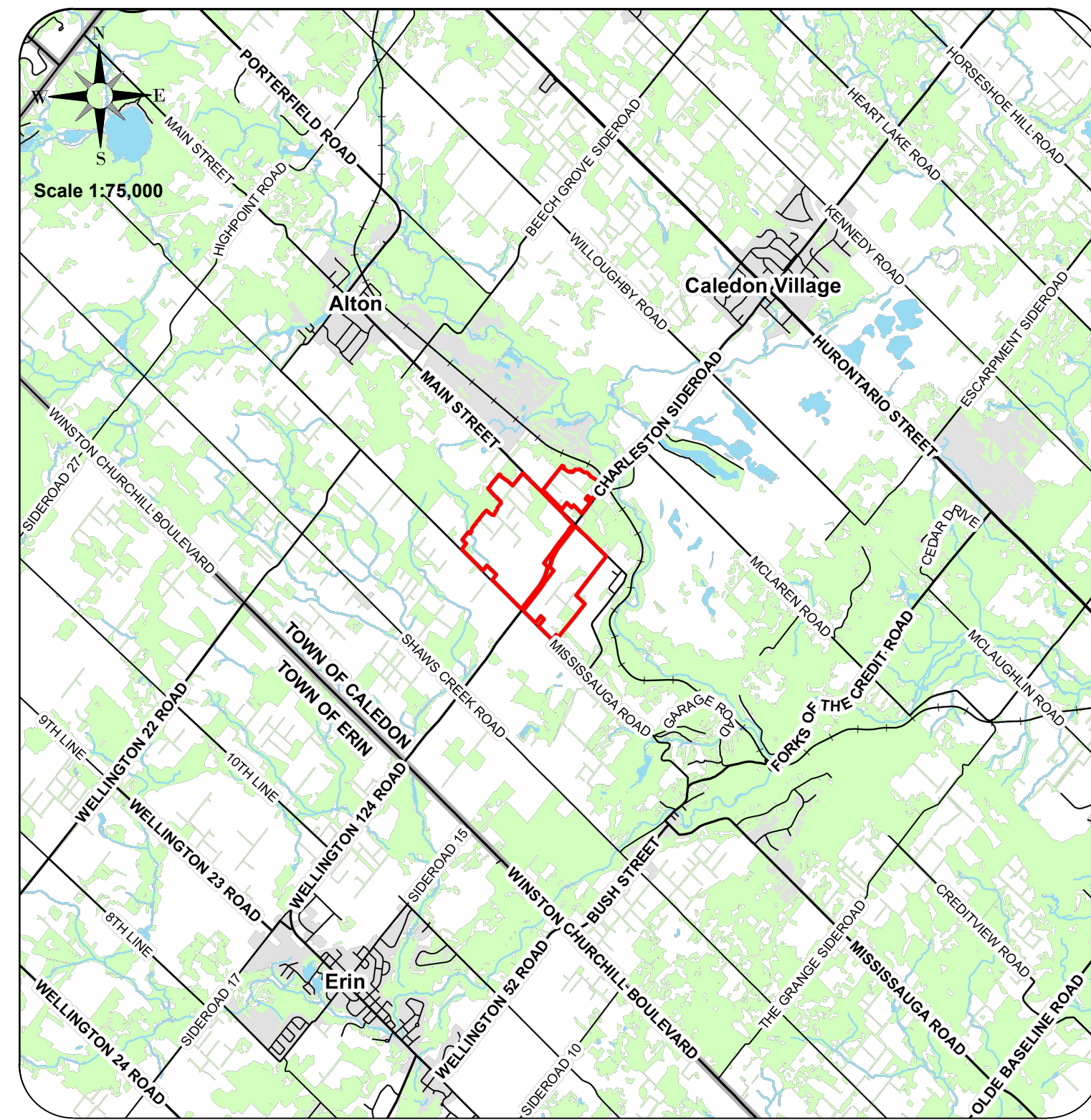
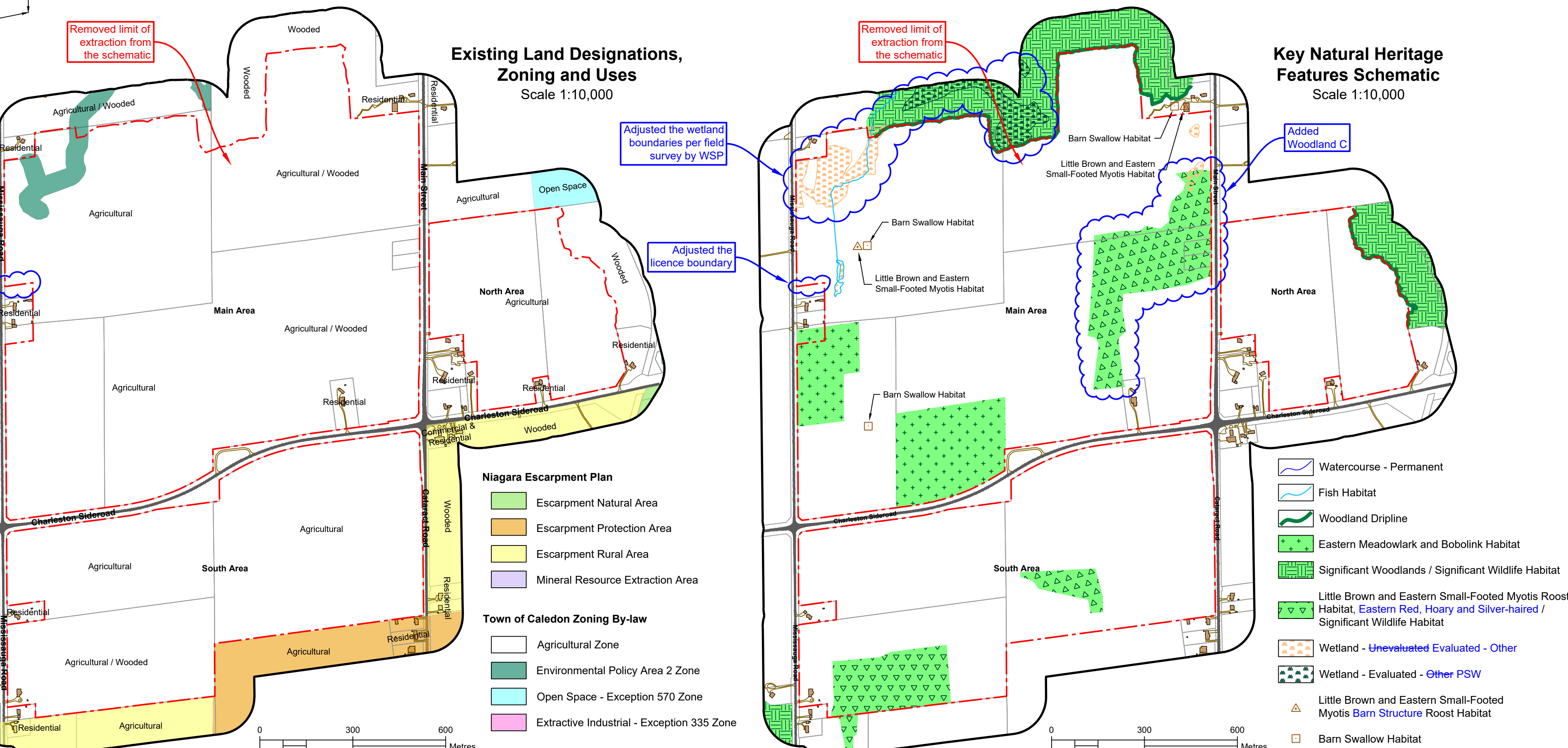


Table 1 Notes:

1. Groundwater level to be monitored by downloads and quarterly manual measurement.
2. Surface water level and temperature to be monitored by downloads and quarterly manual measurement.
3. Water discharge from the Settling Pond to the River will be monitored by a MECOP based on the Permit to Take Water (PTTW) issued by the Ministry of the Environment. The PTTW will allow for the initiation of any discharge.
4. These wells only need to be monitored to ensure compliance with the MECOP requirements to allow for on-site monitoring.
5. Groundwater level to be monitored as per the Permit to Take Water and Environmental Protection Act (EPA) for the implementation of groundwater mitigation measures.
6. Groundwater will be sampled in the spring and summer months and analysed for general chemistry, nutrients and heavy metals.

Table 2 Notes:

- 1** Groundwater level to be monitored by logger set to record on 15-min intervals, with quarterly loggers downloads and quarterly manual measurements.
- 2** Surface water level and temperature to be monitored by logger set to record on 15-min intervals, with quarterly loggers downloads and quarterly manual measurements.
- 3** Located on lands owned or controlled by the licensee, or where the licensee has an agreement in place for long-term monitoring.
- 4** Located on public lands and Located on railroad right-of-way. Monitoring to be completed subject to permission by the applicable public authority.
- 5** Water quality to be sampled and monitored on the Credit River in June (April and September for the Credit River) and in January and September (credit river) conductivity; dissolved oxygen; turbidity; Total Ammonia-Nitrogen; Total Phosphorus; Alkalinity (Total as CaCO₃); Dissolved Chloride (Cl⁻); Nitrate (NO₃⁻); Nitrite (NO₂⁻); pH; Temperature; Specific Conductivity; Total Solids; Total Suspended Solids; Total Dissolved Solids; Dissolved Oxygen; Dissolved Silica; Dissolved Iron; Dissolved Manganese; Dissolved Copper; Dissolved Lead; Dissolved Cadmium; Dissolved Zinc; Dissolved Nickel; Dissolved Chromium; Dissolved Barium; Dissolved Strontium; Dissolved Boron; Dissolved Fluorine; Dissolved Selenium; Dissolved Vanadium; Dissolved Molybdenum; Dissolved Cobalt; Dissolved Silver; Dissolved Gold; Dissolved Platinum; Dissolved Palladium; Dissolved Antimony; Dissolved Arsenic; Dissolved Bismuth; Dissolved Tellurium; Dissolved Thallium; Dissolved Uranium; Dissolved Radium; Dissolved Actinium; Dissolved Thorium; Dissolved Protactinium; Dissolved Neptunium; Dissolved Plutonium; Dissolved Americium; Dissolved Curium; Dissolved Berkelium; Dissolved Californium; Dissolved Einsteinium; Dissolved Fermium; Dissolved Mendelevium; Dissolved Nobelium; Dissolved Lawrencium; Dissolved Rutherfordium; Dissolved Dubnium; Dissolved Seaborgium; Dissolved Bohrium; Dissolved Hassium; Dissolved Meitnerium; Dissolved Darmstadtium; Dissolved Roentgenium; Dissolved Uue; Dissolved Unbinilium; Dissolved Ununtrium; Dissolved Unquadrum; Dissolved Unquadium; Dissolved Unsextium; Dissolved Unseptem; Dissolved Unoctium; Dissolved Unnonium; Dissolved Undecium; Dissolved Undecium; Dissolved Untridecium; Dissolved Unquadecium; Dissolved Unpentadecium; Dissolved Unhexadecium; Dissolved Unheptadecium; Dissolved Unoctadecium; Dissolve

[illegible]

Name	Type	Monitoring	Monitoring Scope
MW-02	Mon Well	485317	27500
MW-03	Mon Well	485307	57654
MW-04	Mon Well	485313	57655
MW-05	Mon Well	485315	57653
MW-06	Mon Well	485373	57674
MW-10-13A	Mon Well	4854473	57683
MW-10-13B	Mon Well	4854473	57683
MW-10-19	Mon Well	485000	57667
MW-20-1A	Mon Well	485368	57697
MW-20-1B	Mon Well	485368	57697
MW-20-2	Mon Well	485390	57694
MW-20-3	Mon Well	485390	57694
MW-22-1A	Mon Well	485196	57675
MW-22-1B	Mon Well	485196	57675
MW-22-2	Mon Well	485196	57675
MW-22-3	Mon Well	485196	57675
MW-22-4	Mon Well	485196	57675
MW-27-1	Mon Well	485370	57694
SW1	SW	485393	57470
SW2	SW	485408	57468
SW3	SW	485168	57604
SW4	SW	485628	57628
SW11	SW	485628	57628
SW12	SW	4854781	57682
SW13B	SW	4854139	576126
SW13A	SW	4854139	576126
SW16M16P	SWMP	485375	57693
SW17M17P	SWMP	485383	57688
SW18M18P	SWMP	485406	57682
SW19M19P	SWMP	4854106	57626
SW20M20P	SWMP	485380	57689
SW21M21P	SWMP	4854106	57626
SW24A	SW	4854365	578169
SW24B	SW	4854369	578258
SW25A	SW	4854499	576759
SW25B	SW	4854499	576759
SW26A	SW	4854499	576759
SW26B	SW	4854499	576759

Legal Description
Part of Lots 15-~~17~~18, Concession 4 WSCR and Part of Lot 16, Concession 3 WSCR
(former geographic Township of Caledon)
Township of Caledon
Regional Municipality of Peel

- | Legend | |
|--------|--|
| | Licence Boundary |
| | Limit of Extraction |
| | Contours with Elevation
<small>Number shows sea level (MSL)</small> |
| | Public Road |
| | Driveway |
| | Railway |
| | Watercourse
<small>Permanent</small>
<small>(Direction of flow indicated by arrows)</small> |
| | Watercourse
<small>Intermittent</small>
<small>(Direction of flow indicated by arrows)</small> |
| | Water Feature |
| | Wooded Area |
| | Wetland
<small>WSP Evaluated - PSW</small>
<small>MNHSP-Evaluated-Other</small> |
| | Wetland
<small>WSP Evaluated - Other</small>
<small>MNHSP-Unassesssed</small> |
| | Additional Land Owned by Licensee |
| | 120m Offset From Draft Licence Boundaries |
| | Lots and Concessions |
| | Parcel Fabric |
| | Easement
<small>Updated the map to include easements</small> |
| | Overhead Hydro |
| | Pipeline
<small>Enbridge Gas Inc.</small> |
| | Fence
<small>1.2 m post & wire fence unless otherwise noted</small> |
| | Entrance / Exit |
| | Direction of Surface Drainage |
| | Building/Structure |
| | Cross Sections |

- Legend - Cross Sections**
- | | |
|---|------------------------------------|
|  | Licence Boundary |
|  | Limit of Extraction |
|  | Existing Grade |
|  | Maximum Predicted Water Table |
|  | Maximum Depth of Excavation |
|  | Topsoil and/or Overburden |
|  | Aggregate Available for Extraction |

- Site Plan Acronyms**
- 1. ARA - Aggregate Resources Act
 - 2. MECP - Ministry of the Environment, Conservation and Parks
 - 3. MCCM - Ministry of Natural Resources and Consumer Services
 - 4. DFO - Department of Fisheries and Oceans Canada
 - 5. MNRF - Ministry of Natural Resources and **Forestry**
 - 6. **MCM - Ministry of Citizenship and Multiculturalism**
 - 7. TSSA - Technical Standards and Safety Authority
 - 8. MTCS - Ministry of Tourism, Culture and Sport
 - 9. CEA - Environmental Assessment and Review Approval
 - 10. BMP - Best Management Practices Plan
 - 11. WWIS - Water Well Information System
 - 12. **PSW - Provincially Significant Wetland**
 - 13. HIA - Heritage Impact Assessment
 - 14. CVC - Credit Valley Conservation
 - 15. MSL - Metres above sea level
 - 16. PTTW - Permit to Take Water
 - 17. NTS - Not to Scale

Site Plan Amendments			

Site Plan Revisions (Pre-Licensing)			
6	May 2026	Update the site plan to address agency comments	C.P.
5	July 2025	Update the site plan to address agency and public comments	C.P.
4	May 2025	Update the site plan to address agency and public comments	C.P.
3	March 2025	Update the site plan to address agency and public comments	C.P.

2	August 2024	Updated the site plan to address the MNR's comments from their letter dated January 11, 2024 and the Town of Caledon's comments from their letter dated November 17, 2023	C.P.
1	August 2023	Revised drawing to incorporate updated technical report recommendations	C.P.
No.	Date	Description	By

 PLANNING URBAN DESIGN & LANDSCAPE ARCHITECTURE 113 COULDER STREET, BARRE, ONT. L4M 1H6 P: 705.726.0045 F: 705.726.0392 WWW.MHBC-ON.COM	
MHBC Stamp Brian Zeman Is authorized by the Ministry of Northern Development and Natural Resources to certify pursuant to Subsection 102(1) of the Planning Act, the Ontario Regulation 244/97 to prepare and certify site plans.	MHBC Stamp Christopher Poole Is authorized by the Ministry of Northern Development and Natural Resources and Forestry to certify pursuant to Subsection 102(1) of the Planning Act, the Ontario Regulation 244/97 to prepare and certify site plans.

Applicant

 **cbm**

**CBM Aggregates a Division of
St. Marys Cement Inc. (Canada)**
55 Industrial Street
Toronto, Ontario
M4G 3W9

 **VOTORANTIM**
cimentos

Project Caledon Pit & Quarry 18722 Main Street, Caledon, Ontario						
MNRF Licence Reference No. 62660	Applicant's Signature 					
Plan Scale: 1:5000 (Arch E) 	<table border="1" style="width: 100%;"> <tr> <td colspan="2">Date August 2023 May 2026</td> </tr> <tr> <td>Drawn By C.P.</td> <td rowspan="2">File No. 8816AF </td> </tr> <tr> <td>Checked By B.Z.</td> </tr> </table>	Date August 2023 May 2026		Drawn By C.P.	File No. 8816AF	Checked By B.Z.
Date August 2023 May 2026						
Drawn By C.P.	File No. 8816AF					
Checked By B.Z.						
File Name Existing Features						
Drawing No. 1 of 54						
File Path B:\plan\8816AF - CBM - Caledon Quarry\Drawings\Site Plan\CAO\8816AF - Site Plan.dwg						

A. General

1. Area Calculations
- 1.1. Licence (total) **2612 hectares**
- Main Area 133.3 hectares
North Area 30.3 hectares
South Area 79.4 hectares
- 1.2. Limit of Extraction (total) **125.0 hectares**
- Main Area 125.0 hectares
North Area 16.0 hectares
South Area 59.9 hectares
2. The maximum annual storage is 5200 tonnes.
3. The following structures shall be permitted within the **Building/Licensee Area Facility Pad, Building Location and Recycling Area** identified on the plan view of this drawing:
- | Building | Width | Length | Area |
|---------------------|--------|--------|------------------------|
| Scale House | 3.7 m | 12.2 m | 45.1 m ² |
| Quality Control Lab | 3.7 m | 12.2 m | 45.1 m ² |
| Maintenance Shop | 36.6 m | 45.7 m | 1,672.6 m ² |
| Office | 13.7 m | 18.3 m | 250.7 m ² |

4. The licensee intends to retain ownership or control of additional land containing a house (to the northwest of the Main Area) during the extraction operations which will be retained prior to and remove repeat water extraction occurring within 500 metres (drawn) the licensee remain exempt or the property owner the licensee shall notify the MNRF immediately and provide information necessary to ensure environmental and social governance objectives are satisfied.

5. The licence boundaries are within the Credit Valley Source Protection Area but are not located within a wetland protection area or an estate protection zone and will all be impacts to municipal water supplies.

B. Hours of Operation

1. Activities to prepare the Site, such as the stripping of topsoil, construction of the berms, or activities related to the rehabilitation of the Site after the extraction is completed, are to be construction activities and are only permitted to occur during the daytime period (7:00am to 7:00pm) Monday to Friday except statutory holidays.
2. Activities to site operations, such as extraction, processing and grinding are permitted to occur during the daytime period (7:00am to 7:00pm) Monday to Saturday, except statutory holidays.
3. Activities related to shipping are permitted from 6:00am to 7:00pm Monday to Saturday, except statutory holidays. Shipping is permitted from 7:00pm to 6:00am only where required to support public authority contracts that necessitate the delivery of aggregate during these hours. Shipping activities from 7:00pm to 6:00am shall be limited to highway trucks and shipping loaders and no other operations shall be permitted.
4. Blasting is permitted from 8:00am to 6:00pm Monday to Friday, except statutory holidays.

C. Site Access and Fencing

1. The existing eastern access point on Charleston Sideroad and the southern access point on Mississauga Road for the Main Area (as shown on drawing 1 of 4) shall be removed during site preparation of the Main Area. The existing eastern access point on Charleston Sideroad (as shown on the plan view) shall remain to access the CBM Caledon Pit Quarry office and quality control lab. The northern access point on Mississauga Road (as shown on the plan view) may remain for maintenance purposes only.
2. The two existing access points for the North Area (as shown on drawing 1 of 4) may remain, and shall not be gated, while the North Area is utilized for agricultural purposes (see Section N Variations from Control and Operation Standards). The existing access points on Main Street and Charleston Sideroad (as shown on the plan view) may remain for maintenance purposes only.
3. The four existing access points for the South Area (as shown on drawing 1 of 4) may remain, and shall not be gated, while the South Area is utilized for agricultural purposes (see Section N Variations from Control and Operation Standards). During site preparation of the South Area, the four existing access points on Charleston Sideroad shall be removed. The site access on Mississauga Road (as shown on the plan view) may remain for maintenance purposes only.
4. The main operational entrance/exit is proposed in the location shown on the plan view of this drawing, subject to an agreement with the Regional Infrastructure Authority. See site entrance location on this drawing.
5. The North and South Areas shall be accessed by tunnels beneath both Main Street and Charleston Sideroad in the locations shown on the plan view of this drawing, subject to an agreement with the Region of Peel applicable road authority (see Section N Variations from Control and Operation Standards). Temporary access points shall be permitted in the North and South Areas to facilitate tunnel construction.
6. The operational, office / quality control lab, maintenance and/or temporary access points shall be gated, kept closed during hours of non-operation and maintained throughout the life of the licence.
7. Pile and/or in-hole fencing, a minimum 1.2 metre in height, shall be erected along the licence boundaries and the perimeter of the cell tower area (see Cell Tower Detail on this drawing) in a phased approach (see Section N Variations from Control and Operation Standards). If the fence is removed, fencing shall be replaced. Where perimeter fencing is removed, the fence boundary shall be demarcated with highly visible 7.6m x 1.2m PVC every 30 metres, or less, to maintain visibility from one T-bar to the next.
8. In order to minimize disturbance to existing vegetation, perimeter fencing may be offset up to five metres from the licence boundary (see Section N Variations from Control and Operation Standards). Where perimeter fencing is offset from the licence boundary, the fence boundary shall be demarcated with highly visible 7.6m x 1.2m PVC every 30 metres, or less, to maintain visibility from one T-bar to the next.
9. All fencing shall be maintained for the life of the licence.
10. A sign of at least 0.5 metres by 0.5 metres in size shall be erected and maintained at the operational entrance/exit that says in legible words "This site is licensed under the Aggregate Resources Act license # E20002".

D. Drainage and Siltation Control

1. Drainage of undisturbed areas will continue in the directions shown on drawing 1 of 4.
2. Silt fencing shall be installed in a phased approach. Prior to site preparation commencing in the Main, North or South Areas, silt fencing shall be installed on the exterior side line of perimeter berms and along the exterior of significant woodlands as shown on the plan view of this drawing. See Natural Environment note 9.1 under Section O Technical Recommendations on drawing #4 of 5 for additional information.
3. Silt fencing shall be inspected prior to site preparation activities and during extraction operations to ensure that the fencing is being maintained and functioning properly. Any issues that are identified shall be rectified immediately.
4. Silt fencing shall not be removed until vegetation and soil stabilization has occurred to limit sedimentation of the sediments.
- E. Site Preparation
1. Existing structures within the licence boundary not deemed to have cultural heritage potential outside of the Cultural Heritage Potential areas shall be demolished or removed prior to extraction within each Area. Structures with cultural heritage potential within the Cultural Heritage Potential areas shall be subject to the cultural heritage technical recommendations in Section O.4 on drawing 3 of 4.
2. Timber resources shall be salvaged to be used as saw logs, fence posts and fuel wood where appropriate. Cleared stumps and brush may be retained (with applicable permits), used for aquatic habitat enhancement or mulched for use in progressive rehabilitation.
3. Ensure all requirements for natural environment notes 8.3 to 8.9 under Section O Technical Recommendations on drawing #4 of 5 are met, if applicable.
4. Topsoil and overburden shall be stripped and stored separately.
5. Topsoil and overburden shall be placed in randomization/visual berms or used immediately for progressive rehabilitation.
6. Excavate topsoil and overburden not required for immediate use in berms or progressive rehabilitation may be temporarily stockpiled within the limit of extraction in the location shown on the plan view of this drawing. Topsoil and overburden stockpiles in this location shall not exceed eight metres in height and may be located within 30 metres of the licence boundary (see Section N Variations from Control and Operation Standards).
7. In situations where access topsoil and overburden has to be temporarily stockpiled outside the area shown on the plan view of this drawing, stockpiles shall be located within the limit of extraction and remain a maximum of 30 metres from the licence boundary and 30 metres from a property with a residential use.
8. Temporary topsoil and overburden stockpiles which remain for more than one year shall have their slopes vegetated to control erosion. Seeding shall not be required if these stockpiles have vegetation established in the first year.
9. No topsoil shall be removed from the site (see Section N Variations from Control and Operation Standards).
10. Ensure the cultural heritage and archaeological technical recommendations in Sections O.4 to O.5 on drawing #4 of 5 have been completed for the phase undergoing site preparation, if applicable.

F. Berms and Screening

1. Berms shall not be located within three metres of the licence boundary or cell tower area.
2. Berms shall be at a minimum of 1.2 metres in height, except for a section of the berm along the western extent of the Main Area, which shall be a minimum of seven metres in height (see plan view for location).
3. Berm side slopes shall not exceed 2:1 (horizontal : vertical).
4. The minimum width of the berm crest shall be two metres.
5. See Typical Acoustic and Visual Berm detail on this drawing for additional information.
6. Berms shall be seeded in accordance with visual note 6.1 under Section O Technical Recommendations on drawing 3 of 4.
7. Existing vegetation within the setbacks shall be maintained where berms are not required.

G. Site Dewatering

1. Refer to the water technical recommendations in Section O.7 on drawing #4 of 5 for information regarding site dewatering.

H. Extraction Sequence

1. This plan depicts a sequential operation for the property based on the best information available at the time of preparation.
- 1.1. Extraction shall occur in eight phases (Phases 1A, 2A, 2B, 3A, 3B, 4A, 4B and 7A) shown on the plan view.
2. Notwithstanding the operations and rehabilitation notes, demand for certain products or blending of materials may require minor adjustments to the extraction and rehabilitation sequence. Any major deviations from the extraction sequence shown shall require approval from the MNRF.
3. Phase 1
1. Prepare Phase 1 for extraction and ensure all requirements in Sections "C" through "G" of this drawing are met.
2. Strip Phase 1 and use the material to construct the perimeter berm for the Main Area.
3. Extract sand and gravel in a northerly direction prior to top of bedrock.
4. Once bedrock is reached, establish Access Facility Pad for permanent processing area at an elevation of 387.0 m a.s.l.
5. Commence quarrying operations through sinking cut.
6. Continue extracting pit and quarry in a northerly direction before proceeding in a northerly direction.
7. Phase 1 may be extracted to a maximum depth between 384.0 and 382.7 m a.s.l.
8. Progressive rehabilitation shall consist of backfilling the subsoil and northeast phase boundary to establish the final elevations and grades depicted on the plan view of drawing #4 of 5.
9. Prepare Phases 2A and 2B for extraction and ensure all requirements in Sections "C" through "G" of this drawing are met.
3. Phases 2A
- 3.1. Strip Phase 2A and use the material to construct the perimeter berm for the North Area, for progressive rehabilitation in Phase 1 or temporarily stockpile the material in the topsoil and overburden stockpile area.
- 3.2. Extract pit and quarry in a northerly direction before proceeding in a southeasterly direction.
- 3.3. Phase 2A may be extracted to a maximum depth between 387.2 and 382.7 m a.s.l.
- 3.4. Establish tunnel beneath Main Street to connect with Phase 2B.
- 3.5. Progressive rehabilitation shall consist of backfilling a portion of the phase to pre-extraction grades as well as the side slopes to establish the final elevations and grades depicted on the plan view of drawing #4 of 5.
- 3.6. Prepare Phase 3 for extraction and ensure all requirements in Sections "C" through "G" of this drawing are met.
3. Phase 3
- 3.1. Use the topsoil and overburden stockpiled in Phase 3, as well as the existing material, for progressive rehabilitation in Phases 2A and 2B.
- 3.2. Construct a slurry wall / grout zone in the southwest setback of the Main Area prior to extraction in Phase 3.
- 3.3. Extract pit and quarry in a southeasterly direction.
- 3.4. Phase 3 may be extracted to a maximum depth between 383.9 and 386.0 m a.s.l.
- 3.5. Progressive rehabilitation shall consist of backfilling a portion of the phase to pre-extraction grades and side sloping to establish the final elevations and grades depicted on the plan view of drawing #4 of 5.
- 3.6. Prepare Phase 4 for extraction and ensure all requirements in Sections "C" through "G" of this drawing are met.
3. Phase 4
- 6.1. Use the topsoil and overburden stockpiled in Phase 4, as well as the existing material, for progressive rehabilitation in Phases 2A, 2B, 3A and 3B, and backfilling the tunnel beneath Main Street.
- 6.2. Construct infiltration trenches in the southwest setback of the Main Area prior to extraction in Phase 4.
- 6.3. Extract pit and quarry in a southeasterly direction before proceeding in a northerly direction.
- 6.4. Phase 4 may be extracted to a maximum depth between 382.3 and 385.9 m a.s.l.
- 6.5. Progressive rehabilitation shall consist of backfilling a portion of the phase to pre-extraction grades as well as side slopes to establish the final elevations and grades depicted on the plan view of drawing #4 of 5.
- 6.6. Prepare Phase 5 for extraction and ensure all requirements in Sections "C" through "G" of this drawing are met.
3. Phase 5
- 7.1. Strip Phase 5 and use the material for progressive rehabilitation in Phases 4 and 5 and any other areas requiring backfilling with the Main Area. Any remaining topsoil and overburden shall be used for the future progressive rehabilitation in Phases 6 and 7.
- 7.2. Extract pit and quarry in a southeasterly direction.
- 7.3. Phase 5 may be extracted to a maximum depth between 380.9 and 384.7 m a.s.l.
- 7.4. Progressive rehabilitation shall consist of backfilling the side slopes (where applicable) to establish the final elevations and grades depicted on the plan view of drawing #4 of 5.
- 7.5. A portion of the quarry face in the southwest corner of Phase 5 shall remain vertical (see Section N Variations from Control and Operation Standards). The exposed rock face will be approximately 12 metres in length.
- 7.6. Prepare Phase 6 for extraction and ensure all requirements in Sections "C" through "G" of this drawing are met.
3. Phase 6
- 8.1. Strip Phase 6 and use the material to construct the perimeter berm for the South Area or temporarily stockpile for future use with progressive rehabilitation.
- 8.2. Construct slurry wall / grout zone and infiltration trenches in the southwest and southwest setback of the South Area prior to extraction in Phase 6.
- 8.3. Create sinking cut to establish tunnel beneath Charleston Sideroad to connect with Phase 1.
- 8.4. Extract pit and quarry in a southeasterly direction.
- 8.5. Phase 6 may be extracted to a maximum depth between 380.0 and 391.4 m a.s.l.
- 8.6. Progressive rehabilitation shall consist of backfilling the quarry floor and side slopes to establish the final elevations and grades depicted on the plan view of drawing #4 of 5.
- 8.7. Prepare Phase 7 for extraction and ensure all requirements in Sections "C" through "G" of this drawing are met.

3. Phases 2A

- 3.1. Strip Phase 2A and use the material to construct the perimeter berm for the North Area, for progressive rehabilitation in Phase 1 or temporarily stockpile the material in the topsoil and overburden stockpile area.
- 3.2. Extract pit and quarry in a northerly direction before proceeding in a southeasterly direction.
- 3.3. Phase 2A may be extracted to a maximum depth between 387.2 and 382.7 m a.s.l.
- 3.4. Establish tunnel beneath Main Street to connect with Phase 2B.
- 3.5. Progressive rehabilitation shall consist of backfilling a portion of the phase to pre-extraction grades as well as the side slopes to establish the final elevations and grades depicted on the plan view of drawing #4 of 5.
- 3.6. Prepare Phase 3 for extraction and ensure all requirements in Sections "C" through "G" of this drawing are met.
3. Phase 3
- 3.1. Use the topsoil and overburden stockpiled in Phase 3, as well as the existing material, for progressive rehabilitation in Phases 2A and 2B.
- 3.2. Construct a slurry wall / grout zone in the southwest setback of the Main Area prior to extraction in Phase 3.
- 3.3. Extract pit and quarry in a southeasterly direction.
- 3.4. Phase 3 may be extracted to a maximum depth between 383.9 and 386.0 m a.s.l.
- 3.5. Progressive rehabilitation shall consist of backfilling a portion of the phase to pre-extraction grades and side sloping to establish the final elevations and grades depicted on the plan view of drawing #4 of 5.
- 3.6. Prepare Phase 4 for extraction and ensure all requirements in Sections "C" through "G" of this drawing are met.
3. Phase 4
- 6.1. Use the topsoil and overburden stockpiled in Phase 4, as well as the existing material, for progressive rehabilitation in Phases 2A, 2B, 3A and 3B, and backfilling the tunnel beneath Main Street.
- 6.2. Construct infiltration trenches in the southwest setback of the Main Area prior to extraction in Phase 4.
- 6.3. Extract pit and quarry in a southeasterly direction before proceeding in a northerly direction.
- 6.4. Phase 4 may be extracted to a maximum depth between 382.3 and 385.9 m a.s.l.
- 6.5. Progressive rehabilitation shall consist of backfilling a portion of the phase to pre-extraction grades as well as side slopes to establish the final elevations and grades depicted on the plan view of drawing #4 of 5.
- 6.6. Prepare Phase 5 for extraction and ensure all requirements in Sections "C" through "G" of this drawing are met.

5. Phase 7

- 9.1. Strip Phase 7 and use the material for progressive rehabilitation in Phases 6 and 7.
- 9.2. Extract pit and quarry in a southeasterly direction before proceeding in a southeasterly direction.
- 9.3. Phase 7 may be extracted to a maximum depth between 381.3 and 386.0 m a.s.l.
- 9.4. Extract facility pad for Main Area.
- 9.5. Progressive rehabilitation shall consist of backfilling the quarry floor (including tunnel) and side slopes (where applicable) to establish the final elevations and grades depicted on the plan view of drawing #4 of 5.
- 9.6. Upon completion of extraction in Phase 7, the slurry wall adjacent to the infiltration trenches in the southwest and southeast corner of the South Area shall be removed and backfilled with sand.
- 9.7. A portion of the quarry face in the southwest and southeast corner of Phase 7 shall remain vertical (see Section N Variations from Control and Operation Standards). The exposed rock face will be approximately 465 metres in length. Two access points shall be established in the quarry face to provide access to the locations shown on the plan view of drawing #4 of 5. The access points shall be backfilled with highly permeable sandy material (10:6) or uncompacted 18 (10:4) should be compacted 18 to be placed, the access points shall not exceed 30 metres in width.

L. Extraction Details

1. All areas within five metres of the excavation face inside the limit of extraction shall be removed.
2. The maximum height of a lift within the pit shall not be greater than 1.5 metres above the highest reaching excavating equipment being utilized on-site.
3. The maximum height of a lift within the quarry shall be 25 metres.
4. The maximum depth of material below top of bedrock in Phase 1 is approximately 27 metres. Areas of Phase 1 that are less than 25 metres in depth shall be extracted in one lift while areas greater than 25 metres in depth shall be extracted in two lifts.
5. The maximum depth of material below top of bedrock in Phase 2A is approximately 14 metres and shall be extracted in one lift.
6. The maximum depth of material below top of bedrock in Phase 2B is approximately 16 metres and shall be extracted in one lift.
7. The maximum depth of material below top of bedrock in Phase 3 is approximately 27 metres. Areas of Phase 3 that are less than 25 metres in depth shall be extracted in one lift while areas greater than 25 metres in depth shall be extracted in two lifts.
8. The maximum depth of material below top of bedrock in Phase 4 is approximately 27 metres. Areas of Phase 4 that are less than 25 metres in depth shall be extracted in one lift while areas greater than 25 metres in depth shall be extracted in two lifts.
9. The maximum depth of material below top of bedrock in Phase 5 is approximately 25 metres and shall be extracted in one lift.
10. The maximum depth of material below top of bedrock in Phase 6 is approximately 16 metres and shall be extracted in one lift.
11. The maximum depth of material below top of bedrock in Phase 7 is approximately 16 metres and shall be extracted in one lift.
12. Extraction may occur concurrently in Phases 2A and 2B.
13. Extraction shall be permitted in Phases 2A and 2B simultaneously to allow for transition between phases.
14. Bearing that is permitted only during extraction, excluding statutory holidays, during the hours specified in note 8.4 on this drawing. However, it is anticipated that the frequency of shifts will typically be two shifts per week.
15. As excavation reaches the limit of extraction, material extraction, progressive rehabilitation shall commence in the locations to be backfilled.
16. Aggregate stockpiles (including reusable material) shall be located within the limit of extraction and remain a minimum of 30 metres from the licence boundary and 50 metres from a property with a residential use.
17. Berms that encroach within the limit of extraction shall be removed, and the underlying aggregate may be extracted, as part of final extraction/rehabilitation of the site.
18. Internal hard road locations will vary on the pit and quarry floor as extraction progresses.

M. Equipment and Processing

1. Equipment used on-site may include jaw crushers, excavators, bulldozers, all wheel loaders, screeners, conveyors, hoppers, mobile cone crushers, off-high generators, front end loaders, shipping loaders, shipping trucks, haul trucks, and water trucks.
2. Processing equipment shall remain a minimum of 30 metres from the licence boundary and 50 metres from a property with a residential use.
3. Processing equipment in the Main Area will initially be portable and shall be situated in the location identified on the Noise Mitigation Schematic on this drawing or drawing #4 of 5. As operations progress and the top of bedrock is exposed, a permanent processing plant will be constructed within the facility and area Main Area as shown on the plan view of this drawing. Once the permanent processing plant is operational within the facility pad area, the temporary processing plant in the Main Area shall be demolished. In Phase 6 (South Area) processing plant consisting of a primary crusher and primary conveyor (located from the Main Area) shall be constructed in the location identified on the Noise Mitigation Schematic on this drawing or drawing #4 of 5 once sufficient area is extracted within Phase 6. During Phase 6, the temporary permanent processing equipment located in the facility pad area (Main Area) will remain operational until extraction of the facility pad area is required in Phase 7. Prior to the extraction of aggregate from beneath the facility pad area, the temporary permanent processing equipment in the facility pad area will be demolished and portable processing equipment will be relocated to the quarry floor in the Main Area for the duration of the operation.

K. Fuel Storage

1. Fuel storage tanks shall be located in close proximity to the maintenance shop. Fuel storage tanks shall be installed and maintained in accordance with the Technical Standards and Safety Act and Local Fuel Regulation 21703.
2. All fuel tanks shall be double skinned or placed in containment facilities large enough to hold the tanks maximum volume.
3. Fuel trucks shall be used to transfer fuel to on-site equipment in accordance with the Local Fuels Handling Code.
4. A Spill Contingency Plan shall be prepared and implemented prior to site preparation. The Spill Contingency Plan shall be available on-site and all employees and contractors shall be informed and required to comply with the plan.

L. Scrap and Recycling

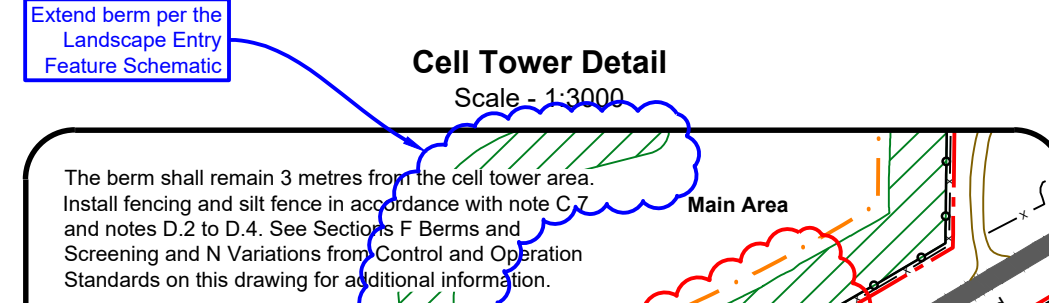
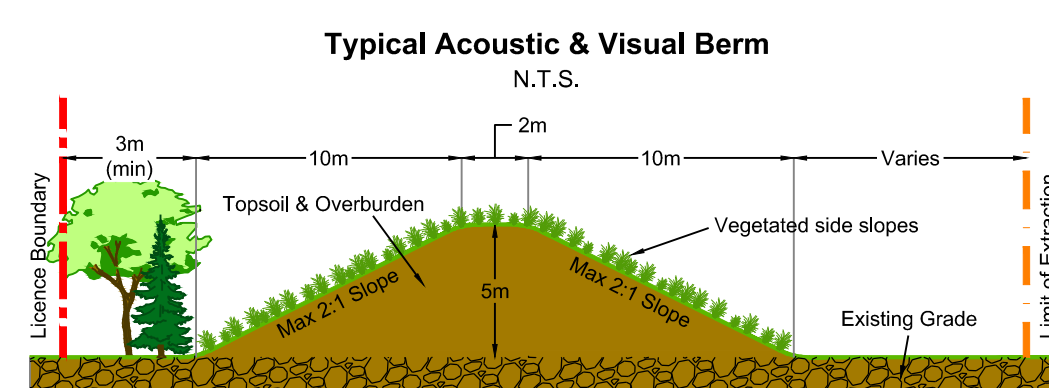
1. Scrap may be stored on-site within the Facility Pad, Building Location and Recycling Area identified on the plan view of this drawing (see note 3.3 on this drawing for additional information) and shall be removed on an ongoing basis.
2. Scrap shall only include material generated directly as a result of the aggregate operation such as rebar, debris, scrap metal, lumber, discarded machinery, equipment and motor vehicles.
3. All fuel shall be stored in an approved container, machinery or motor vehicle prior to storage and disposal of it in accordance with the Environmental Protection Act.
4. Scrap shall not be stored within 30 metres of any body of water or the licence boundary, and shall be kept in close proximity to the main processing plant.
5. Recycling of materials shall be permitted on-site.
6. Recyclable material shall be kept in close proximity to the main processing plant within the Facility Pad, Building Location and Recycling Area identified on the plan view of this drawing (see note 3.3 on this drawing for additional information).
7. Rebar or other structural metal shall be separated from recyclable aggregate material during processing and placed in a designated scrap pile within which shall be removed on an ongoing basis.
8. Recycled aggregate shall be removed on an ongoing basis.
9. Recycling activities shall not interfere with the operational phases of the site or with rehabilitation.
10. Once the site is depleted, no further importation of recyclable material shall be permitted.
11. Once final rehabilitation has been completed and approved in accordance with the site plan, all recycling operations shall cease.
12. The site shall be kept in an orderly condition.
- M. Maximum Disturbed Area
1. The maximum disturbed area is 95.0 hectares. Disturbed areas shall include active extraction areas, stockpile areas, internal haul routes, areas being progressively rehabilitated and berms until they are vegetated. Areas that have been side-sloped and vegetated, and the adjacent un-vegetated or forested wooded quarry floor (see stockpiles and equipment removed), shall not constitute disturbed areas.

N. Variations from Control and Operation Standards

Section 6.13 Standard	Variation	Rationale
(1) 1 & 2	1. A gate shall not be required for the tunnel crossings. 2. Gates shall not be required in an Area that is not currently undergoing site preparation.	1. The tunnel crossings are beneath the road allowance. Therefore, access is already restricted. 2. This will enable agricultural operations to continue without being impeded by site preparation.
(1) 3	A clear view of the road in both directions shall not be provided by the tunnel crossings.	The tunnel crossings are beneath the road allowance. Therefore, visibility in both directions is not possible.
(1) 9 & 10 A	1. Excavation may occur within the setbacks at the tunnel crossings. 2. Excavation may occur within the setbacks where the groundwater infiltration trenches and slurry walls are located.	1. This will facilitate construction associated with the tunnel crossings. 2. This will facilitate construction associated with the groundwater infiltration trench and slurry wall.
(1) 11	Aggregate overburden may be removed from the setbacks where the groundwater infiltration trenches are slurry walls are located.	1. This will facilitate construction associated with the tunnel crossings and the groundwater infiltration trench and slurry wall.
(1) 13	Topsoil and overburden within the Topsoil and Overburden Stockpile Area may be stockpiled within 30 metres of the licence boundary.	The Topsoil and Overburden Stockpile Area is adjacent to additional land owned by the licensee.
(1) 17	Topsoil and overburden may be transferred between the Main, North and South Areas.	This will allow stockpiled material from site preparation to be used for berm construction, progressive rehabilitation and/or temporary stockpiling in any Area.
(1) 19 & 19.4	1. The minimum side slope within the sand and gravel deposit areas shall be 2:1. 2. A portion of the extraction face in Phases 5 and 7 shall remain vertical and the northwesterly corner of Phase 7.	1. This will enable side slopes to transition seamlessly between the pit and quarry excavation areas. 2. Leaving a portion of the extraction face in Phases 5 and 7 will allow the water mitigation requirements.
(3) (a)	1. Fencing shall be installed in a phased approach. 2. Fencing may be offset up to five metres from the licence boundary. 3. Fencing shall be installed around the perimeter of the cell tower area.	1. This will minimize the removal of existing trees to accommodate the perimeter fencing. 2. This will minimize the removal of existing trees to accommodate the perimeter fencing. 3. It is the responsibility of the cell tower operator to control access to the area in a manner that they deem appropriate.

Move Table 3 from previous drawing 3 of 4 to this drawing

Receptor	Address	Distance	Receptor	Address	Distance
POR001	18147 Mississauga Road	200 m	POR049	18137 Cataract Road	290 m
POR002	18169 Mississauga Road	180 m	POR041	18120 Cataract Road	290 m
POR003	18205 Mississauga Road	160 m	POR042	10 Dangle Lane	210 m
POR004	18221 Mississauga Road	160 m	POR043	38 Wilton Street	280 m
POR005	18234 Mississauga Road	280 m	POR044	42 Wilton Street	290 m
POR006	18309 Mississauga Road	170 m	POR045	48 Wilton Street	260 m
POR007	833 Charleston Sideroad	470 m	POR046	58 Wilton Street	330 m
POR008	18815 Mississauga Road	150 m	POR047	33 Wilton Street	340 m
POR009	18827 Mississauga Road	160 m	POR048	47 Wilton Street	320 m
POR010	18852 Mississauga Road	200 m	POR049	61 Wilton Street	330 m
POR011	18785 Mississauga Road	220 m	POR050	71 Wilton Street	340 m
POR012	18837 Mississauga Road	200 m	POR051	77 Wilton Street	340 m
POR013	18959 Main Street	460 m	POR052	89 Wilton Street	330 m
POR014	18942 Main Street	590 m	POR053	26 Albert Street	340 m
POR015	18942 Main Street	240 m	POR054	1392 Cataract Road	380 m
POR016	18910 Main Street	240 m	POR055	18601 Cataract Road	480 m
POR017	18796 Main Street	200 m	POR056	1501 Cataract Road	460 m
POR018	18775 Main Street	320 m	POR057	1460 Cataract Road	490 m
POR019	18772 Main Street	100 m	POR058	1446 Cataract Road	490 m
POR020	18719 Main Street	150 m	POR059	1463 Cataract Road	490 m
POR021	18659 Main Street	150 m	POR060	1453 Cataract Road	450 m
POR022	18473 Main Street	150 m	POR061	1437 Cataract Road	460 m
POR023	18471 Main Street	150 m	POR062	1434 Cataract Road	380 m
POR024	1700 Charleston Sideroad	150 m	POR063	1432 Cataract Road	390 m
POR025	PN 142170181	310 m	POR064	1434 Cataract Road	450 m
POR026	1626 Charleston Sideroad	150 m	POR065	1425 Cataract Road	470 m
POR027	1540 Charleston Sideroad	220 m	POR066	1411 Cataract Road	450 m
POR028	1622 Charleston Sideroad	150 m	POR067	1391 Cataract Road	450 m
POR029	1521 Charleston Sideroad	160 m	POR068	1375 Cataract Road	410 m
POR030	1520 Charleston Sideroad	150 m	POR069	1369 Cataract Road	400 m
POR031	1521 Charleston Sideroad	100 m	POR070	1357 Cataract Road	380 m
POR032	18217 Cataract Road	160 m	POR071	1341 Cataract Road	360 m
POR033	18201 Cataract Road	170 m	POR072	1327 Cataract Road	320 m
POR034	18198 Cataract Road	150 m	POR073	1342 Cataract Road	290 m
POR035	18182 Cataract Road	160 m	POR074	1311 Cataract Road	360 m
POR036	18164 Cataract Road	160 m	POR075	1297 Cataract Road	290 m
POR037	18148 Cataract Road	180 m	POR076	1275 Cataract Road	280 m
POR038	18140 Cataract Road	240 m	POR077	1195 Cataract Road	330 m
POR039	18130 Cataract Road	200 m			

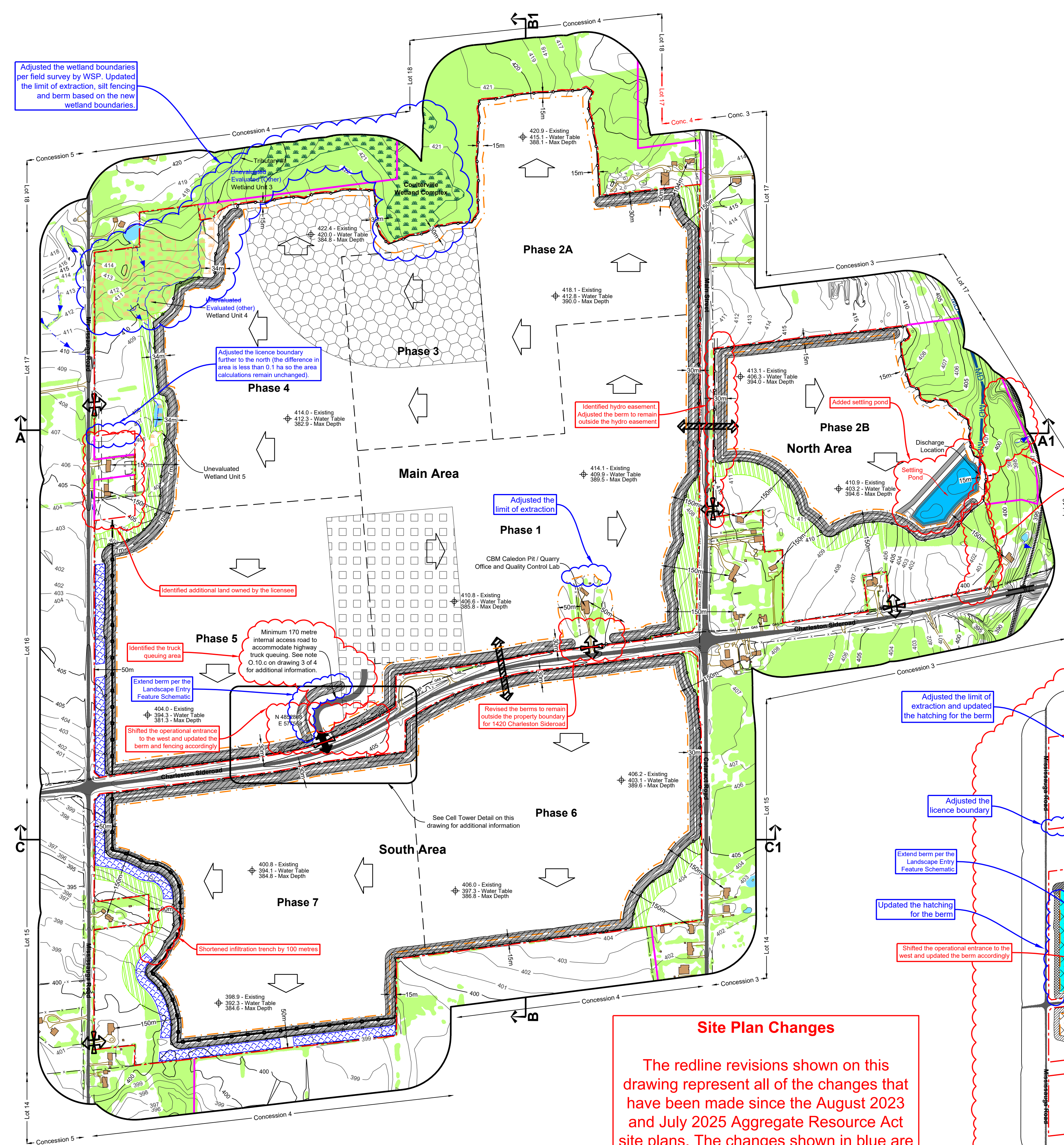


Noise Mitigation Schematic

Scale 1:10,000

Key Natural Heritage Features Schematic

Scale 1:10,000



Adjusted the wetland boundaries per field survey by WSP. Updated the limit of extraction, silt fencing and berm based on the new wetland boundaries.

Adjusted the licence boundary (adjacent to the north) difference in area is less than 0.1 ha so the area calculation remains unchanged.

Identified berms assessment. Adjusted the berms to remain outside the hydro exposure.

Added setting ponds.

Removed secondary discharge locations.

Adjusted the operational entrance to the west and updated the berm and fencing accordingly.

Added the Noise Mitigation and Key Natural Heritage Features Schematics as requested by the Town of Caledon.

Adjusted the wetland boundaries per field survey by WSP.

Adjusted the limit of extraction and hatching.

Adjusted the licence boundary.

Adjusted the berm to remain outside the hydro exposure.

Adjusted the limit of extraction and hatching.

Adjusted the licence boundary.

Adjusted the berm to remain outside the hydro exposure.

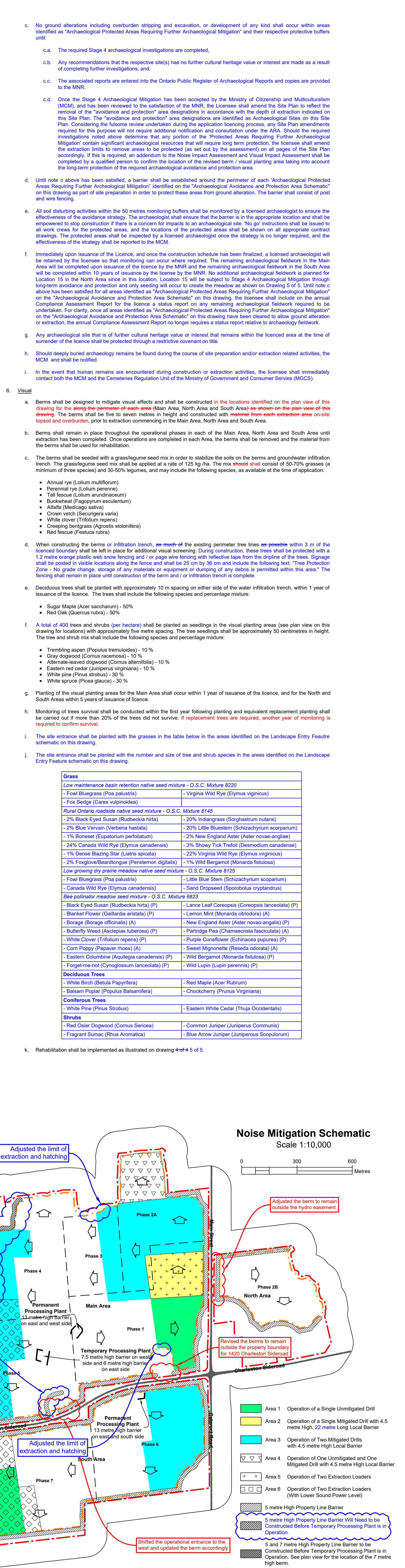
Adjusted the limit of extraction and hatching.

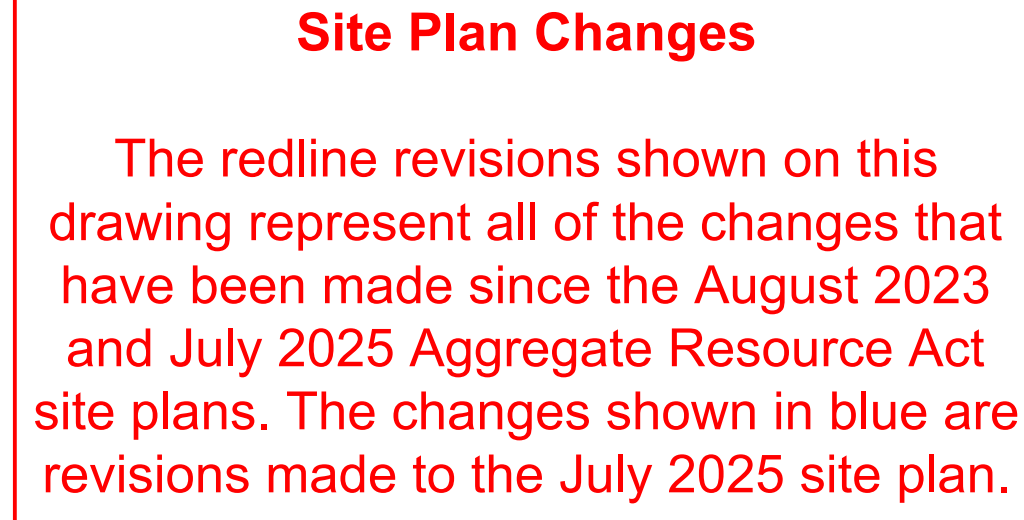
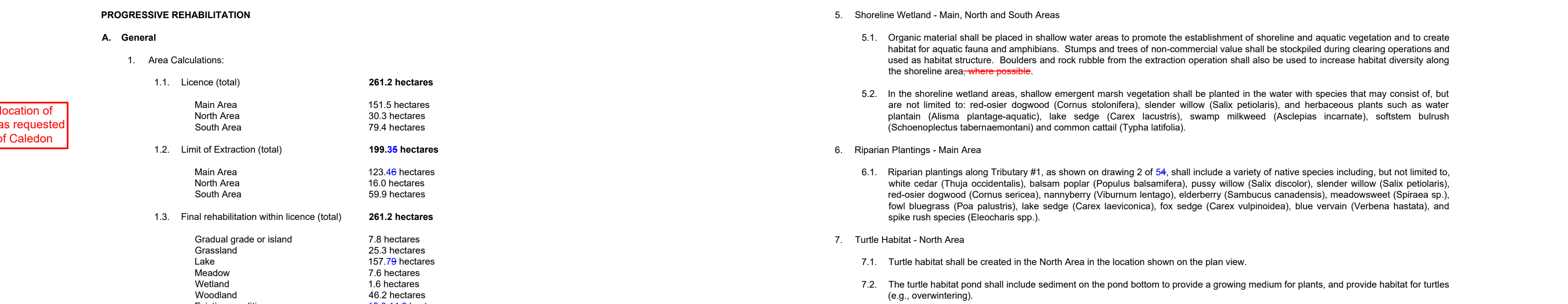
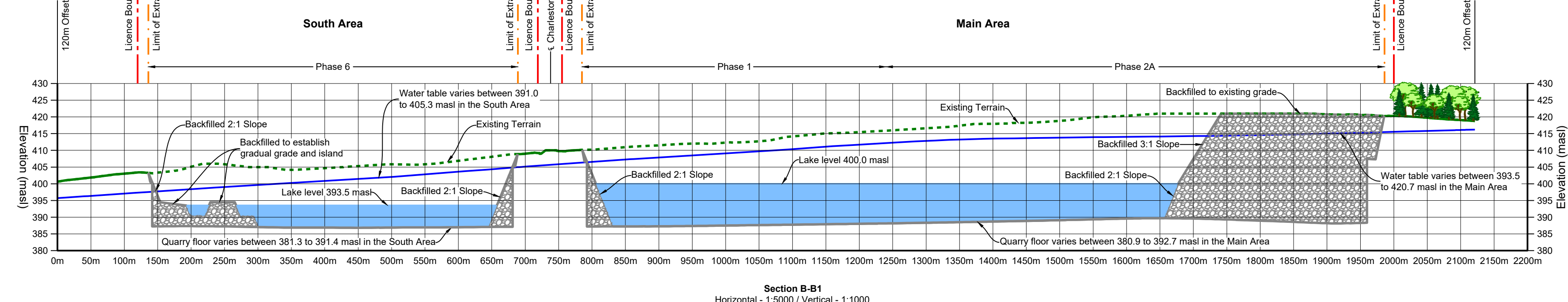
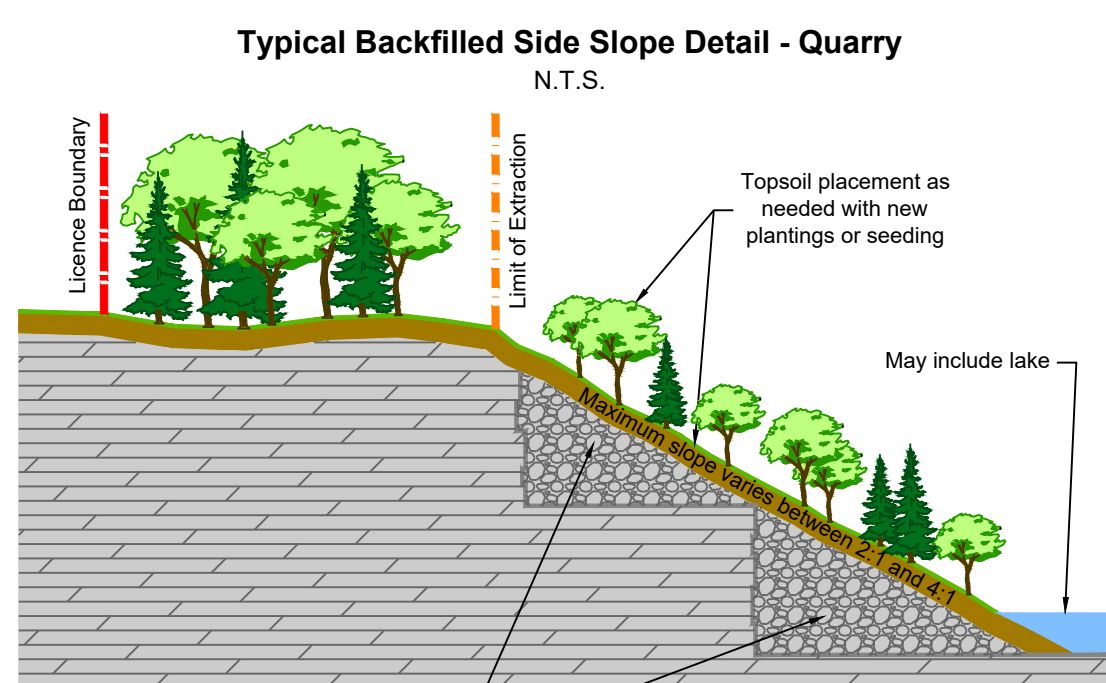
Adjusted the licence boundary.

Adjusted the berm to remain outside the hydro exposure.

Adjusted the limit of extraction and hatching.

Adjusted the licence boundary.





PROGRESSIVE REHABILITATION

A. General

1. Area Calculations:

1.1. Licence (total)	261.2 hectares
Main Area	151.5 hectares
North Area	30.3 hectares
South Area	79.4 hectares
1.2. Limit of Extraction (total)	199.36 hectares
Main Area	121.46 hectares
North Area	16.0 hectares
South Area	59.9 hectares
1.3. Final rehabilitation within licence (total)	261.2 hectares
Grassland or island	7.8 hectares
Grassland	23.3 hectares
Lake	127.7 hectares
Meadow	7.6 hectares
Wetland	1.8 hectares
Woodland	46.2 hectares
Existing corridors	15.0 to 46 hectares

B. Phasing

1. As excavation reaches the limit of extraction or maximum depth, progressive rehabilitation shall commence. [See note M.1 on drawing 2 of 4](#) for the maximum discharge area requirement for rehabilitation of the lake.

2. Progressive rehabilitation shall follow the general direction and sequence of extraction identified on the plan view and described in the notes [drawing 2 of 4](#).

Recovery operations in operational and rehabilitation sequence shall be permitted in order to adjust to any variable resource or market conditions.

3. Each phase of extraction shall undergo progressive rehabilitation, prior to proceeding to the next phase of extraction.

4. Progressive rehabilitation activities shall include sowing and grazing, placement of overburden and topsoil, and earth and gravel planting.

C. Slopes and Grading

1. Progressive rehabilitation shall consist of backfilling the excavation faces (where applicable), terracing and quarry faces to establish the final elevations and grades depicted on the plan view, (as shown on the topsoil and overburden available on-site), a portion of the extraction face to be excavated to the normal crest of Phases 5 and 7 (the drawing using the plan view shall remain valid (see notes H.3 and H.11 on drawing 2 of 4) for additional information).

2. Upon completion of extraction in Phase 7, the slump wall subject to the infiltration trenches in the southwest ~~and northeast~~ corner of the South Area shall be excavated and backfilled with sand.

3. Side slope opening will range from 2:1 to 4:1 as well as gradual grades (see Section N Variations from Contract and Operation Standards [drawing 2 of 94](#)).

4. No excess soil shall be imported on-site for rehabilitation purposes.

D. Drainage

5. Prior to the placement of subsoil and topsoil at locations where the quarry floor has been backfilled to establish gradual grades, islands or wetlands, the quarry floor shall be graded and then be allowed to compact, if required.

E. Drainage

1. Final surface operations will follow the rehabilitated corridors and directional arrows shown on the plan view of this drawing.

2. Once operations in the North Area, South Area and Main Area have been completed and the rehabilitation landfall has been established, planting shall cease, and the land allowed to flood and form the North and North and South ponds. The Main, North and South pond water level post-rehabilitation are predicted to reach a level of approximately +400, +500 and +500.5 maa, respectively.

3. The South pond will be left contained and not require an overflow outlet.

4. The Main pond overflow shall be directed via a culvert under the Streetway [\(as shown on the plan view of this drawing\)](#) to the North pond with outlet invert at +400 maa.

5. The North pond overflow shall be directed via a main outlet to the Openney Valley Gorge Course irrigation pond system with its outlet invert at +3 maa.

6. All rehabilitated pond levels and outlets will be passive and not require pumping.

- [illegible]

REHABILITATION

General

1. All internal and buildings structures on the quarry floor shall be removed from the site. The buildings/structures located at 1420 Charleston Street (labeled as an office and quality control lab during operations) may remain on-site.
2. No equipment and tools shall remain.
3. The anticipated final end use will be naturalized open spaces with the creation of trails, vegetated berms, slabs, vertical faces, grassed, riparian forested areas, riparian adjacent to the existing watercourses, nash shrub and tree planting on upland areas, wetlands and specialized habitat for birds and turtles.
4. The long term average lake levels are:
 - Main - 400' ± masl
 - North - 393.0' ± masl
 - South - 393.5' ± masl
5. All planning completed as part of rehabilitation will be reviewed two years after planning to ensure planning survival rates and additional planning as required to ensure the highest monitoring rates are implemented on the quarry. As planning completed as part of rehabilitation and the planning shall be completed if required, to create the habitat conditions as specified on the drawing.
6. During monitoring of rehabilitated areas and the off-site ecological enhancement areas, invasive species control methods may include if required manual weed pulling, spot burning using a dip torch, and flooding. Invasive species control shall be undertaken on a species-specific basis and shall only be applied judiciously and as a last measure. Spot sprayers and/or weeding devices shall be used to minimize the increased use of herbicide to remove weeds.
7. During monitoring of rehabilitated areas and the off-site enhancement areas, the licensee shall also complete visual inspection of the following habitat barriers for species use. Bat boxes and rock piles for preservative of bats and garter snakes during the active period between May and August. Invasive species control between May and July and monthly wildlife fence along the breeding season between May and July.

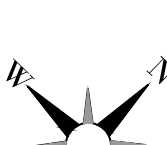
Legend - Cross Sections

	Licence Boundary
	Limit of Extraction
	Existing Grade - Removed / Altered
	Existing Grade - Undisturbed
	Maximum Predicted Water Table
	Quarry Floor
	Backfilled
	Lake

Site Plan Amendments			
No.	Date	Description	By

Site Plan Revisions (Per 1. Local Ord.)

6	May 2025	Update the site plan to address agency comments	C.P.
5	July 2025	Update the site plan to address agency and public comments	C.P.
4	May 2025	Update the site plan to address agency and public comments	C.P.
3	March 2025	Update the site plan to address agency and public comments	C.P.
2	August 2024	Updated the site plan to address the MPRA's comments from their letter dated January 11, 2024 and the Town of Caledon's comments from their letter dated November 17, 2023	C.P.
1	August 2023	Revised drawing to incorporate updated technical report recommendations	C.P.
No.	Date	Description	By

 PLANNING URBAN DESIGN & LANDSCAPE ARCHITECTURE 113 COLEBURN STREET, BARRIE, ON, CAN. L4G 1G1 P 705.726.0045 F 705.726.0310 WWW.MHBCPLAN.COM	
MHBC Stamp Brian Zeman Is authorized by the Ministry of Northern Development, Wildlife & Natural Resources (MNR) pursuant to Subsection 62(1) of the Ontario Regulation 6/03 to prepare and certify site plans.	MHBC Stamp Christopher Poole Is authorized by the Ministry of Northern Development, Wildlife & Natural Resources and Forestry (MNR) pursuant to Subsection 62(1) of the Ontario Regulation 6/03 to prepare and certify site plans. 

Applicant

 **cbm**

**CBM Aggregates a Division of
St. Marys Cement Inc. (Canada)**
55 Industrial Street
Toronto, Ontario
M4G 3W9

 **VOTORANTIM
cimentos**

Project Caledon Pit & Quarry 18722 Main Street, Caledon, Ontario	
MNR Licence Reference No. 626600	Applicant's Signature
Plan Scale: 1:5000 (Arch E)	 Date August 2023 May 2026 Drawn By C.P. File No. 8816AF
File Name Rehabilitation Plan	
Drawing No. 4 of 4 5 of 5	
File Path B:\Bin\8816AF - CSM - Caledon Quarry\Drawings\Site Plan\CAD\8816AF - Site Plan.dwg	

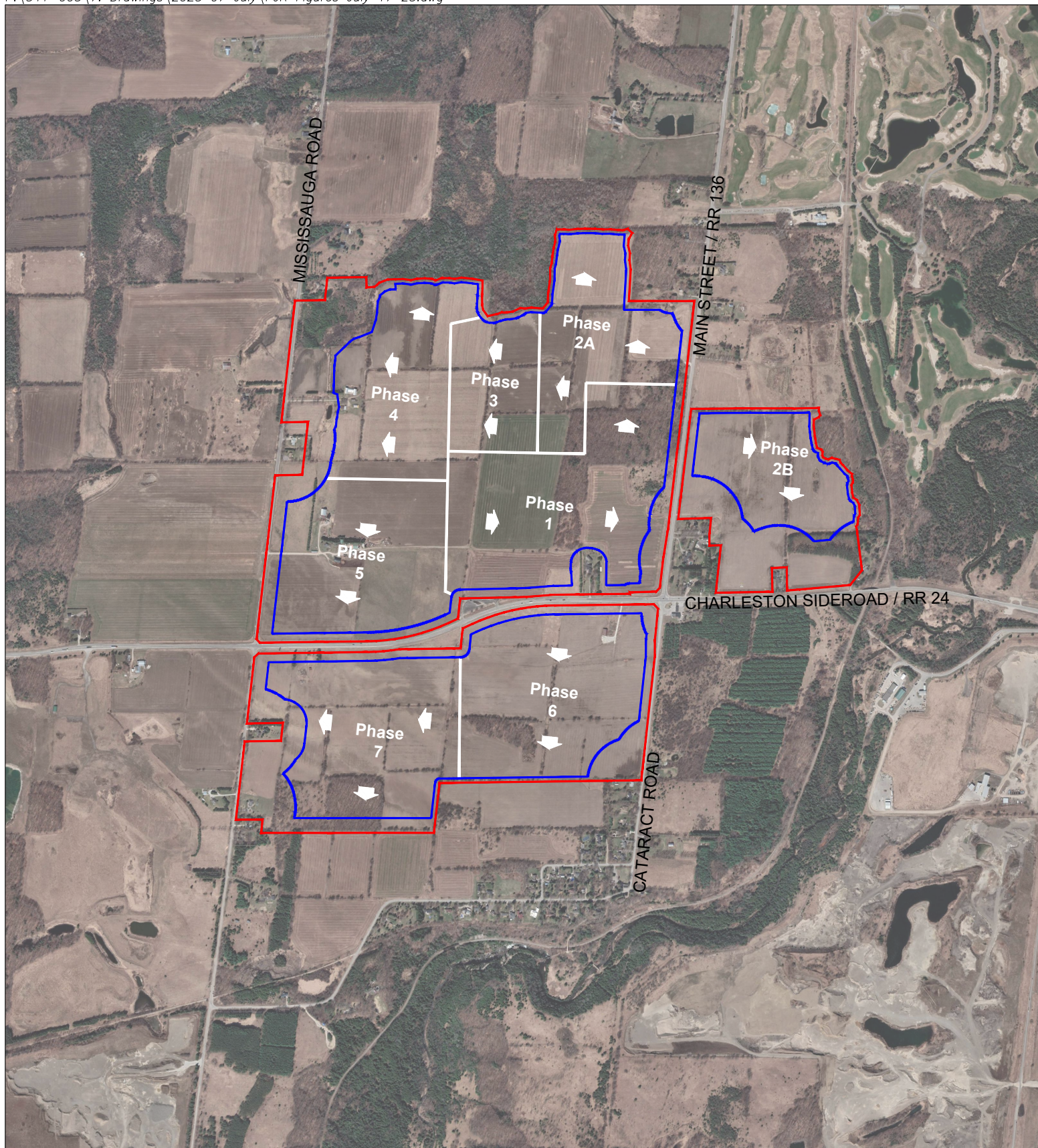


FIGURE 4
OPERATIONS / PHASING PLAN

PART OF LOTS 15-18, CONC. 4, WSCR AND
PART OF LOT 16, CONC. 3, WSCR
(FORMER GEOGRAPHIC TOWNSHIP OF CALEDON),
TOWN OF CALEDON, REGION OF PEEL

LEGEND

- Subject Site - 261 ha (645ac)
- Proposed Extraction Area - 200 ha (494ac)



Scale: N.T.S.
DECEMBER 2022
(REVISED JULY 2023)

APPENDIX E

Assessor Qualifications

Heidy Schopf, MES, CAHP – Cultural Heritage and Social Sciences Team Lead

Heidy Schopf is the Cultural Heritage and Social Sciences Team Lead at WSP. She has worked in the field of cultural resource management since 2007. She is a **Professional Member of the Canadian Association of Heritage Professionals (CAHP)** and is RAQs certified. She has worked on a wide variety of projects throughout Ontario, including Cultural Heritage Reports: Existing Conditions and Preliminary Impact Assessments (Cultural Heritage Reports), Heritage Impact Assessments (HIAs), heritage documentation reports (photographic and 3D/LiDAR), Cultural Heritage Evaluation Reports (CHERs) using Ontario Regulation 9/06 and 10/06, Strategic Conservation Plans (SCP), Heritage Conservation District (HCD) studies and plans, heritage feasibility studies, cultural heritage peer review, and archaeological assessments. Ms. Schopf has extensive experience applying local, Provincial, and Federal heritage guidelines and regulations to evaluate protected and potential cultural heritage properties. She is skilled at carrying out impact assessments and developing mitigation measures to conserve the heritage attributes of properties where changes are proposed. Ms. Schopf has completed hundreds of cultural heritage projects under a variety of processes, including: Environmental Assessment Act, Planning Act, Ontario Heritage Act, Transit Project and Rail Assessment Process, Renewable Energy Approval, Ontario Energy Board, and projects completed under the Impact Assessment Act.

Henry Cary, Ph.D., CAHP, RPA – Senior Cultural Heritage Specialist and Principal Archaeologist

Dr. Henry Cary has over 20 years public and private sector experience directing cultural heritage projects in diverse environments across southern and northern Canada. His expertise is in the historic architecture and cultural landscapes of North America, with specialization in industrial and military heritage. He has produced heritage evaluations, impact assessments and conservation plans for a wide range of properties in Ontario, from a pre-War of 1812 stone house in Niagara to the 1930 Glengrove Transformer Station in Toronto, and multiple properties in heritage conservation districts and character areas in the City of Hamilton, City of Vaughan, and Town of Collingwood. He has also evaluated several industrial sites for Hydro One Networks Inc. and the City of Hamilton and has provided policy advice to the City of Cambridge on managing its heritage structural walls. Prior to joining WSP E&I Canada Limited, Dr. Cary worked for Parks Canada, notably for the Fort Henry National Historic Site Conservation Program and Western Arctic Field Unit, then served as Heritage Manager for the Town of Lunenburg UNESCO World Heritage Site before moving to consulting positions with CH2M and WSP Golder. He is a member of the **Canadian Association of Heritage Professionals (CAHP)** and Register of Professional Archaeologists (RPA).

Johanna Kelly, MSc., CAHP – Senior Cultural Heritage Specialist

Ms. Kelly has worked in the field of Cultural Resource Management since 2007, focusing on above ground heritage resources since 2015. She is fascinated by the way we shape the landscape and structures we interact with and is passionate about telling the story of the places we inhabit and how we can conserve and manage these places for future generations. She is skilled in the identification and evaluation of built heritage resources and cultural heritage landscapes, mitigation of proposed impacts on heritage resources, and conservation methods. She has worked on a wide variety of projects throughout Ontario, including cultural heritage resources assessments, cultural heritage evaluations, heritage impact assessments, documentation reports, conservation plans, heritage conservation district studies and plans, and Stage 1-4 archaeological assessments. Ms. Kelly has extensive experience applying local, Provincial, and Federal heritage guidelines and regulations to evaluate protected and potential cultural heritage properties. Ms. Kelly has completed cultural heritage projects under a variety of processes, including: the *Environmental Assessment Act*, *Planning Act*, *Ontario Heritage Act*, and the *Transit Project Assessment Process*. She is a professional member of the **Canadian Association of Heritage**

Professionals (CAHP) and holds a **Professional Archaeological License** (P1017) issued by the Ministry of Citizenship and Multiculturalism.

Robert Pinchin, B.A. Hons, CAHP – Cultural Heritage Specialist

Mr. Pinchin holds an Honours, B.A. Degree in Canadian History from McMaster University and a Post-Graduate Certificate in Geographic Information Systems from Toronto Metropolitan University. Mr. Pinchin has experience working in cultural heritage preservation and conducting heritage assessments in a wide range of projects. He has experience conducting Environmental Assessments and authoring Cultural Heritage Resource Assessments, Archaeological Assessments, Heritage Impact Assessments, and Cultural Heritage Evaluation Reports. Mr. Pinchin has experience with conducting cultural heritage work for public and private clients in support of infrastructure development, oil and gas projects, utility upgrades, residential development, and more. Mr. Pinchin has experience interpreting and applying municipal, provincial, and federal legislation within the heritage context. He is a professional member of the **Canadian Association of Heritage Professionals (CAHP)**. Mr. Pinchin has experience as an archaeologist during which he conducted stage 1-4 archaeological assessments, identified, and catalogued artifacts, and worked with GIS technologies to map units and site boundaries. In these endeavours Mr. Pinchin has worked closely with First Nation community members across the country in order to develop heritage framework in a comprehensive and compassionate manner.

