



- A. General**
- This site plan is prepared under the Aggregate Resources Act for a Class "A" licence for a pit and quarry below the ground water table.
 - Area Calculations:
 - 2.1. Licence (total) 261.2 hectares
 - Main Area 151.5 hectares
 - North Area 30.3 hectares
 - South Area 79.4 hectares
 - Nothing and existing coordinates have been provided for select corners of the licence boundaries and at the centre point of every entrance and exit that intersects the licence boundaries on the plan view of this drawing.
- B. References**
- Contours were obtained from First Base Solutions and are displayed in one metre intervals. Elevations shown are in metres above sea level (MASL).
 - Topographic information was obtained from numerous sources including First Base Solutions, Land Information Ontario and field investigations for technical reports.
 - All topographic features and structures are shown to scale in Universal Transverse Mercator (UTM) with North American Datum 1983 (NAD83), Zone 17 (North), Central Meridian 81 degrees west coordinate system.
 - The Main Area licence boundary was established based on a completed plan of survey completed by Delph & Jenkins North Limited, Ontario Land Surveyors, on February 14, 2022 which added the following information: Plan 43R-39683, 43R-29507, 43R-22326, 43R-16517, 43R-17782, 43R-4021, 43R-21423, 43R-21424, and instruments R0114891 and R01014631. The North and South Area licence boundaries are based on the Municipal Property Assessment Corporation's parcel fabric.
 - Existing zoning on and within 120 metres of the licence boundaries are from the Town of Caledon Zoning By-law 2008-05, Schedule "Z", Zone Major "M" (last updated August 21, 2019), 74 (last updated March 24, 2016) and 75 (last updated August 21, 2016). The Main Area is currently zoned Agricultural Zone (A1) and Environmental Policy Area 2 Zone (EPA2) while the North and South Areas are currently zoned Agricultural Zone (A1).
 - Existing land use designations within 120 metres of the licence boundaries are from the Niagara Escarpment Plan - Main & dated June 1, 2017.
 - Land use information and structures identified on and within 120 metres of the licence boundaries were determined using aerial photography captured in the spring of 2021 from First Base Solutions.
- C. Drainage**
- Surface drainage on and within 120 metres of the licence boundaries is by overland flow in the directions shown by arrows on the plan view, or by infiltration.
- D. Groundwater**
- The maximum predicted groundwater table, based on groundwater levels monitored over a 12 month period from January to December 2021, are as follows:
 - 1.1. Main Area - Ranges from 420.7 to 393.5 masl (north to south)
 - 1.2. North Area - Ranges from 407.0 to 397.0 masl (northeast to southwest)
 - 1.3. South Area - Ranges from 405.3 to 391.0 masl (northeast to south)
 - The maximum predicted groundwater table elevations are shown in each cross section on drawing 1 of 4 and end of 4.
- E. Site Access and Fencing**
- The Main Area has four existing access points (two on Mississauga Road and two on Charleston Sidewalk), the North Area has two existing access points (one on Main Street and one on Charleston Sidewalk), and the South Area has four existing access points (one on Mississauga Road and three on Charleston Sidewalk). None of the existing access points are gated.
 - Post and wire fencing (unless noted otherwise) exists in the location shown on the plan view.
- F. Significant Natural and Human-Made Features and Within 120 Metres**
- There is a pond and Ministry of Natural Resources **non-forestry** (MNR) identified unevaluated wetlands within the Main Area licence boundary.
 - There is Significant Wildlife Habitat and habitat for endangered and threatened species within the Main and South Area licence boundary.
 - There are Significant Woodlands, Significant Wetlands, habitat for endangered and threatened species and MNR-identified evaluated wetlands (non-significant) outside of the licence boundaries within 120 metres.
- G. Aggregate Related Site Features**
- There are no existing aggregate operations or features on-site such as processing areas with stationary or portable equipment, stockpiles, rejectable materials, scrap, fuel storage, haul roads, berms or excavation faces.
- H. Cross Sections**
- Cross sections depicting existing conditions are shown on this drawing.
 - Cross sections depicting post installation conditions are shown on drawing 4 of 4.
 - Cross section locations are identified on the plan view of each drawing.
- I. Technical Reports - References**
- Agricultural Impact Assessment, Cville Consulting Inc., December 16, 2022 (Revised July 2023).
 - Stage 1 and 2 Archaeological Assessment, Golder Associates Ltd., November 14, 2022.
 - Cultural Heritage Report: Existing Conditions and Preliminary Impact Assessment, Golder Associates Ltd., December 16, 2022 (Revised July 2023).
 - Air Quality Impact Assessment, Golder Associates Ltd., December 16, 2022 (Revised July 2023).
 - Noise Report, Golder Associates Ltd., December 16, 2022 (Revised July 2023).
 - Blast Impact Assessment, Golder Associates Ltd., December 16, 2022 (Revised July 2023).
 - Natural Environment Report, Golder Associates Ltd., December 16, 2022 (Revised July 2023).
 - Visual Impact Assessment Report and Aggregate Resource Act Summary Statement, GSAI and MHBC, December 16, 2022 (Revised July 2023).
 - Maximum Predicted Water Table Report, Golder Associates Ltd., December 16, 2022 (Revised July 2023).
 - Socio-Economic Assessment Report, Golder Associates Ltd., December 16, 2022 (Revised July 2023).
 - Transportation Impact Study and Haul Road Assessment, TVU, December 16, 2022 (Revised March 2023).
 - Water Resources Addendum Report, WSP Canada Inc., March 2023.
 - Stage 3 Archaeological Assessment - Location 1 (A1/A2-23), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 2 (A1/A2-24), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 3 (A1/A2-25), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 4 (A1/A2-26), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 5 (A1/A2-27), WSP Canada Inc., July 10, 2024.
 - Stage 3 Archaeological Assessment - Location 6 (A1/A2-28), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 7 (A1/A2-29), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 8 (A1/A2-30), WSP Canada Inc., July 12, 2024.
 - Stage 3 Archaeological Assessment - Location 9 (A1/A2-31), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 10 (A1/A2-32), WSP Canada Inc., July 10, 2024.
 - Stage 3 Archaeological Assessment - Location 11 (A1/A2-33), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 12 (A1/A2-34), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 13 (A1/A2-35), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 14 (A1/A2-36), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 15 (A1/A2-37), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 16 (A1/A2-38), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 17 (A1/A2-39), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 18 (A1/A2-40), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 19 (A1/A2-41), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 20 (A1/A2-42), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 21 (A1/A2-43), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 22 (A1/A2-44), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 23 (A1/A2-45), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 24 (A1/A2-46), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 25 (A1/A2-47), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 26 (A1/A2-48), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 27 (A1/A2-49), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 28 (A1/A2-50), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 29 (A1/A2-51), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 30 (A1/A2-52), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 31 (A1/A2-53), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 32 (A1/A2-54), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 33 (A1/A2-55), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 34 (A1/A2-56), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 35 (A1/A2-57), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 36 (A1/A2-58), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 37 (A1/A2-59), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 38 (A1/A2-60), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 39 (A1/A2-61), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 40 (A1/A2-62), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 41 (A1/A2-63), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 42 (A1/A2-64), WSP Canada Inc., August 2, 2024.
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 - Stage 3 Archaeological Assessment - Location 45 (A1/A2-67), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 46 (A1/A2-68), WSP Canada Inc., August 2, 2024.
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 - Stage 3 Archaeological Assessment - Location 48 (A1/A2-70), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 49 (A1/A2-71), WSP Canada Inc., August 2, 2024.
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 - Stage 3 Archaeological Assessment - Location 52 (A1/A2-74), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 53 (A1/A2-75), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 54 (A1/A2-76), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 55 (A1/A2-77), WSP Canada Inc., August 2, 2024.
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 - Stage 3 Archaeological Assessment - Location 58 (A1/A2-80), WSP Canada Inc., August 2, 2024.
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 - Stage 3 Archaeological Assessment - Location 217 (A1/A2-239), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 218 (A1/A2-240), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 219 (A1/A2-241), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 220 (A1/A2-242), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 221 (A1/A2-243), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 222 (A1/A2-244), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 223 (A1/A2-245), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 224 (A1/A2-246), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 225 (A1/A2-247), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 226 (A1/A2-248), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 227 (A1/A2-249), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 228 (A1/A2-250), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 229 (A1/A2-251), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 230 (A1/A2-252), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 231 (A1/A2-253), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 232 (A1/A2-254), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 233 (A1/A2-255), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 234 (A1/A2-256), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 235 (A1/A2-257), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 236 (A1/A2-258), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 237 (A1/A2-259), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 238 (A1/A2-260), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 239 (A1/A2-261), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 240 (A1/A2-262), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 241 (A1/A2-263), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 242 (A1/A2-264), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 243 (A1/A2-265), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 244 (A1/A2-266), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 245 (A1/A2-267), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 246 (A1/A2-268), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 247 (A1/A2-269), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 248 (A1/A2-270), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 249 (A1/A2-271), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 250 (A1/A2-272), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 251 (A1/A2-273), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 252 (A1/A2-274), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 253 (A1/A2-275), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 254 (A1/A2-276), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 255 (A1/A2-277), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 256 (A1/A2-278), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 257 (A1/A2-279), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 258 (A1/A2-280), WSP Canada Inc., August 2, 2024.
 - Stage 3 Archaeological Assessment - Location 259 (A1/A2-281), WSP Canada Inc., August 2, 2024.
 - Stage

A. General

1. Area Calculations
- 1.1. Licence (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 reserved values including surrounding within 500 metres. Should the house remain occupied or the property owner, the licensee shall notify the MNRF immediately and prepare mitigation necessary to ensure the house and its surrounding area are protected and no adverse impacts to the house or its surrounding area are caused.
5. 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 reserved values including surrounding within 500 metres. Should the house remain occupied or the property owner, the licensee shall notify the MNRF immediately and prepare mitigation necessary to ensure the house and its surrounding area are protected and no adverse impacts to the house or its surrounding area are caused.
6. 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 reserved values including surrounding within 500 metres. Should the house remain occupied or the property owner, the licensee shall notify the MNRF immediately and prepare mitigation necessary to ensure the house and its surrounding area are protected and no adverse impacts to the house or its surrounding area are caused.
7. 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 reserved values including surrounding within 500 metres. Should the house remain occupied or the property owner, the licensee shall notify the MNRF immediately and prepare mitigation necessary to ensure the house and its surrounding area are protected and no adverse impacts to the house or its surrounding area are caused.
8. 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 reserved values including surrounding within 500 metres. Should the house remain occupied or the property owner, the licensee shall notify the MNRF immediately and prepare mitigation necessary to ensure the house and its surrounding area are protected and no adverse impacts to the house or its surrounding area are caused.
9. 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 reserved values including surrounding within 500 metres. Should the house remain occupied or the property owner, the licensee shall notify the MNRF immediately and prepare mitigation necessary to ensure the house and its surrounding area are protected and no adverse impacts to the house or its surrounding area are caused.

B. Hours of Operation

1. Activities to prepare the Site, such as the siting of support, 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/exit 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 located 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 licence.
7. Pave and/or install fencing a minimum 1.2 metres 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). The cell tower area is removed, fencing shall be erected along the licence 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 licence boundary (see Section N Variations from Control and Operation Standards). Where perimeter fencing is offset from the licence boundary, the licence boundary shall be demarcated with highly visible 7.5cm x 7.5cm 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 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 licence # C3000".

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 licence boundary not deemed to have cultural heritage potential outside of the Cultural Heritage Potential areas shall be demolished or removed prior to site preparation activities 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 (see 8.9 to 8.12 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 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 minimum of 30 metres from the licence 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 vegetated naturally 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 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 licence 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 noise 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 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 MNRF.

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 southwest 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.

Phases 2A

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.
2. Extract pit and quarry in a northeasterly direction before proceeding in a southeasterly direction.
3. Phase 2A may be extracted to a maximum depth between 387.2 and 392.7 msl.
4. Establish tunnel beneath Main Street to connect with Phase 2B.
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.
6. Prepare Phase 3 for extraction and ensure all requirements in Sections "C" through "G" of this drawing are met.

Phase 2B

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.
2. Create sinking cut to establish tunnel beneath Main Street to connect with Phase 2A.
4. Extract pit and quarry in a northeasterly direction before proceeding in a southeasterly direction.
5. Phase 2B may be extracted to a maximum depth between 383.9 and 385.0 msl.
6. 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.
7. Prepare Phase 3 for extraction and ensure all requirements in Sections "C" through "G" of this drawing are met.

Phase 3

1. Use the topsoil and overburden stockpiled in Phase 3, as well as the existing material, for progressive rehabilitation in Phases 2A, 2B, 3, 4 and backfilling the tunnel beneath Main Street.
5. Construct a slurry wall / grout zone in the southwest setback of the Main Area prior to extraction in Phase 3.
5. Extract pit and quarry in a southwest direction.
5. Phase 3 may be extracted to a maximum depth between 383.9 and 385.0 msl.
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. Prepare Phase 4 for extraction and ensure all requirements in Sections "C" through "G" of this drawing are met.

Phase 4

6. 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. Construct infiltration trenches in the southwest setback of the Main Area prior to extraction in Phase 4.
6. Extract pit and quarry in a southwest direction before proceeding in a northeasterly direction.
6. Phase 4 may be extracted to a maximum depth between 382.3 and 385.0 msl.
6. 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. Prepare Phase 5 for extraction and ensure all requirements in Sections "C" through "G" of this drawing are met.

Phase 5

7. 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. Extract pit and quarry in a southeasterly direction.
7. Phase 5 may be extracted to a maximum depth between 380.9 and 384.7 msl.
7. 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. 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. Prepare Phase 6 for extraction and ensure all requirements in Sections "C" through "G" of this drawing are met.

Phase 6

8. 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. 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. Create sinking cut to establish tunnel beneath Charleston Sideroad to connect with Phase 1.
8. Extract pit and quarry in a southeasterly direction.
8. Phase 6 may be extracted to a maximum depth between 380.9 and 391.4 msl.
8. 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. Prepare Phase 7 for extraction and ensure all requirements in Sections "C" through "G" of this drawing are met.

Phase 7

9. Strip Phase 7 and use the material for progressive rehabilitation in Phases 6 and 7.
9. Extract pit and quarry in a southeasterly direction before proceeding in a southeasterly direction.
9. Phase 7 may be extracted to a maximum depth between 380.9 and 386.6 msl.
9. Extract facility pad in Main Area.
9. 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 (10-6). Slurry wall compacted 10 (10-6) shall be utilized to access 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 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 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, sled 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 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 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 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 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 licence 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 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.

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 - MNRF - 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
- MCM - 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 MNRF 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.

No.	Date	Description	By
1	May 2025	Update the site plan to address agency and public comments	C.P.
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PLANNING URBAN DESIGN & LANDSCAPE ARCHITECTURE
MHBC
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

MNRF Licence Reference No.
626600

Plan Scale: 1:5000 (Arch E)

Date
August 2023 May 2025

Drawn By
C.P.

Checked By
B.Z.

File No.
8816AF

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

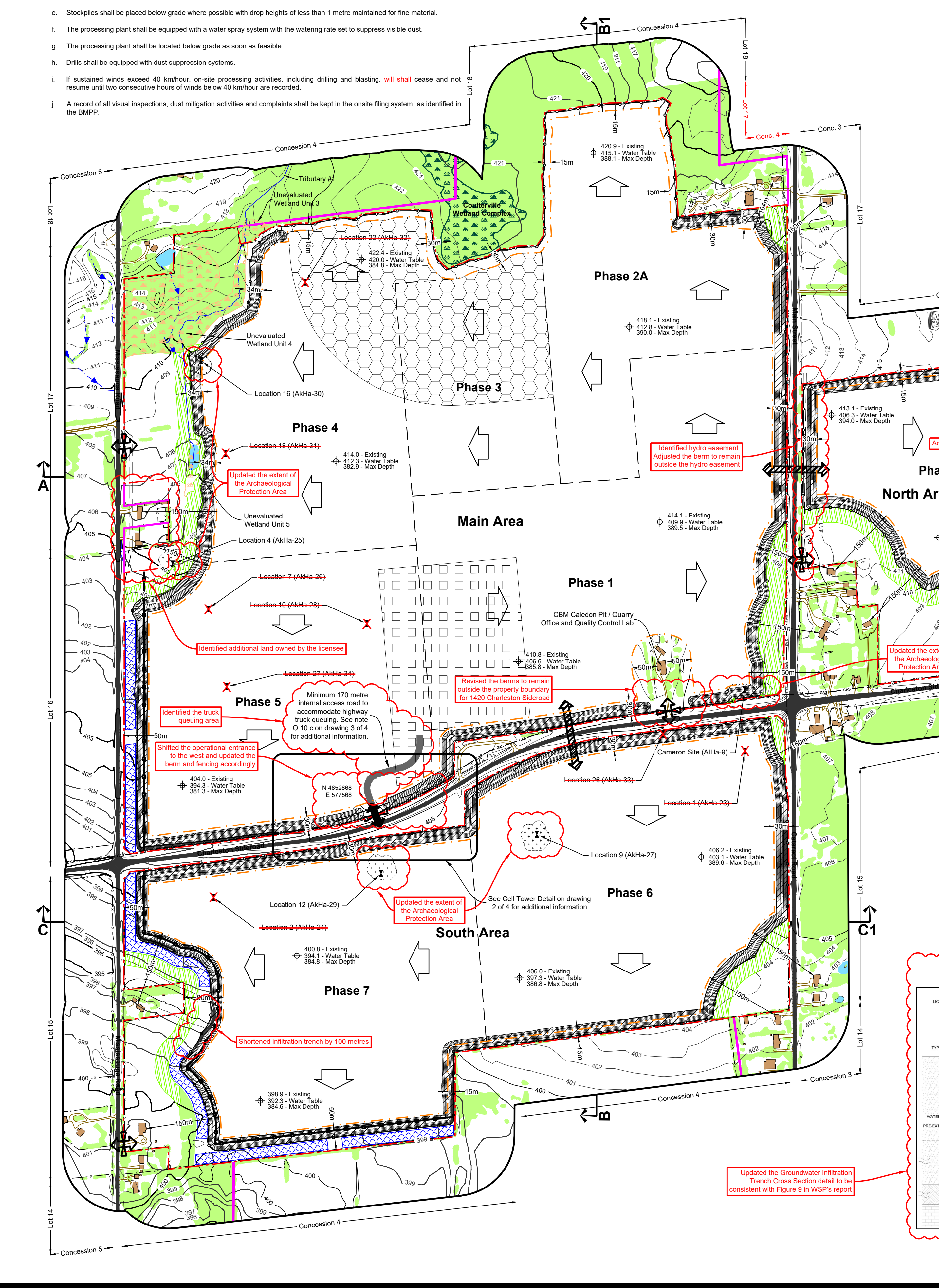
The redline revisions shown on this drawing represent all of the changes that have been made since the August 2023 Aggregate Resource Act site plan.

0. Technical Recommendations

- 1. Agriculture**
- a. Lands that are currently in agricultural production, and not required for immediate extraction and site preparation, shall be kept in agricultural production where possible.
- b. The licensee shall ensure any complaints involving the local agricultural community, and as part of the annual Compliance Assessment Report, shall provide information to MNRF on the nature of the complaint and actions taken by the licensee to address the issue.
- 2. 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 to ensure compliance with the current MECP guideline limits.
- b. All quarry blasts shall be monitored within 300 metres of the nearest pipeline at the ground surface that pipeline to ensure compliance with ENDS/03 ground vibration limits.
- c. All quarry blasts shall be monitored within 500 metres of the farmhouse and barn located at 18722 Main Street, the farmhouse located at 18051 Mississauga Road, the farmhouse located at 18667 Mississauga Road and the house (to be converted to a three-story detached garage) located at 1420 Chatterton Street to ensure compliance with the ground vibration limit of 50 mm/s. Once the farmhouse located at 18667 Mississauga Road and 18667 Mississauga Road is relocated outside of the license area, all quarry blasts shall be monitored to ensure compliance with the current MECP guideline limits. See cultural heritage technical recommendations Section 0.4 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 metres of the pipeline.
- f. No extraction within 30 metres of the pipeline without authorization from ENbridge.
- g. Blasting shall be carried out by persons experienced, trained and qualified to conduct blasting operations.
- h. The licensee shall establish a blasting notification program for residents within 500 metres. **The licensee shall also provide notification to the Town of Caledon Clerk and the Brampton Flying Club prior to a blast taking place on-site.**
- i. Blasting shall not occur on Saturday, Sunday and all statutory holidays.
- j. If there are exceedances of the vibration limits, the licensee shall notify MECP and the blast design parameters shall be altered to bring results back into compliance prior to the next blast occurring on-site.
- k. When blasting within approximately 440 metres of adjacent residences, the quarry shall regularly review their blast procedures in conjunction with the blast monitoring results to assess if it is necessary to modify blast design parameters of the blasts.
- l. The licensee shall establish a blasting notification program for residents within 500 metres. **The licensee shall also provide notification to the Town of Caledon Clerk and the Brampton Flying Club prior to a blast taking place on-site.**
- m. The licensee shall maintain a record of all blasting details including a seismic record of the ground and air vibration monitoring results. The blast details and monitoring results shall be made available to the MNRF and the MECP, upon written request. The blasting reports shall include the following information:
- a. Location, date and time of the blast;
 - b. Dimensions of blast including photographs, if necessary, of the location of the blasting operation, and nearest point of reception;
 - c. Name of the person(s) conducting the blasting operation;
 - d. Type of material being blasted;
 - e. Direction of blast;
 - f. Prevailing meteorological conditions including wind speed in m/s, wind direction, air temperature in °C, relative humidity, degree of cloud cover and ground moisture conditions;
 - g. Number of off-hole;
 - h. Pattern and depth of drill holes;
 - i. Size of holes;
 - j. Depth of cutting;
 - k. Depth of collar (or stemming);
 - l. Number and time of delays;
 - m. Weight of charge per delay;
 - n. Number and time of delays;
 - o. The result and calculated value of Peak Free-Surface Level in dB, and Peak Vibration Velocity in mm/s;
 - p. Applicable limit in dB;
 - q. The excess, if any, over the prescribed limit.
- n. The first regular production blasts in the Main Area of the License shall be monitored at a minimum of five locations at varying distances from each blast to better define the ground and air vibration observation characteristics of the nearest receptors to assist with future blast design. This shall entail establishing monitoring stations between the blast site and neighbouring residences (residences).
- o. Prior to the commencement of blasting within 500 metres of a structure and subject to landowner authorization, the licensee shall conduct a pre-blast inspection, provide inspections while extraction is within 500 metres and a post-blast inspection when extraction is no longer within 500 metres of the structure. The result of the inspection shall be provided to the landowner and form the basis for assessing any potential impact to the structure from blasting operations within 500 metres.
- p. The licensee shall take all reasonable measures to prevent fly rock from leaving the site during blasting if a sensitive receptor is located within 500 metres of the licensee's site.
- q. The use of electronic detonators shall be implemented to improve timing accuracy and maintain hole timing as designed.

3. Air Quality

- a. The Site shall operate in accordance with the Fugitive Dust Best Management Practices Plan (BMPP) dated December 2002, (revised July 2005) May 2005. The BMPP shall be reviewed annually and updated if required based on current Site operations and best management practices.
- b. Unpaved haul roads shall be watered using a water truck and dust suppressant. The application of water shall be dependent on weather conditions but should be designed to achieve a watering rate of at least 2 L/m²/hour. Site personnel shall conduct regular visual inspections of visible dust from the entire haul road, which shall be used to inform additional watering activities if high opacity dust is reported. When temperatures fall below 5 °C, a Ministry of Environment, Conservation and Parks chemical dust suppressant shall be used in place of water.
- c. Unpaved haul roads shall be re-graded annually (or as needed based on observations) using coner material.
- d. A speed limit of 25 km/hour on all site roads shall be implemented.
- e. Stockpiles shall be placed below grade where possible with stockpile heights of less than 1 metre maintained for fine material.
- f. The processing plant shall be equipped with a water spray system with the watering rate to suppress visible dust.
- g. The processing plant shall be located below grade as soon as feasible.
- h. Drills shall be equipped with dust suppression systems.
- i. If sustained wind exceeds 40 km/hour, on-site processing activities, including drilling and blasting, shall cease and not resume until two consecutive hours of winds below 40 km/hour are recorded.
- j. A record of visual inspections, dust mitigation activities and complaints shall be kept in the on-site filing system, as identified in the BMPP.



- a. The following short-term conservation actions, shall be implemented prior to relocation of the farmhouse:
- b. Prior to site preparation in Phase 5, the licensee shall erect fencing 50 m from the farmhouse to identify 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 is maintained.
- d. A Heritage Documentation Plan shall be prepared for the barns and mature vegetation on the property.
- e. A Structural Engineer shall be consulted to confirm whether the farmhouse is structurally sound enough to withstand the extraction. If the structural engineer determines that the farmhouse cannot be relocated the following shall be implemented: i) the extraction area shall be moved to include a 50 m buffer from the farmhouse; ii) fencing shall be installed at the 50 m buffer to identify the "no-go" zone; iii) the recommendations of the blast impact assessment shall be implemented to ensure the structural integrity of the farmhouse is maintained; iv) a qualified specialist shall develop a mitigation plan for the farmhouse with a maintenance and inspection schedule to conserve the house until the licensee license is surrendered and v) following surrender of the licensee license, the farmhouse shall be suitable for residential use.
- f. Prior to site 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 activities of the mineral aggregate operation.
- g. Implement the recommendations of the blast impact assessment to ensure the structural integrity of the farmhouse is maintained.
- h. A Heritage Documentation Plan shall be prepared for the property with a focus on the barn foundation runs on the property.
- i. A Heritage Conservation Plan shall be prepared for the farmhouse prior to use of the farmhouse as an office or laboratory space to guide the adaptive re-use efforts and outline how the heritage attributes of the structure will be conserved, protected, and enhanced during the rehabilitation program now and into the future.
- j. Prior to site 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 activities of the mineral aggregate operation.
- k. Prior to the surrender of the license, remove any temporary protective measures implemented during the time the farmhouse is used as an office/laboratory and rehabilitate the farmhouse back to its original use.
- l. Implement the recommendations of the blast impact assessment to ensure the structural integrity of the farmhouse is maintained.
- m. A Heritage Documentation Plan shall be prepared for the property with a focus on the barn foundation runs on the property.
- n. A Heritage Conservation Plan shall be prepared for the farmhouse prior to use of the farmhouse as an office or laboratory space to guide the adaptive re-use efforts and outline how the heritage attributes of the structure will be conserved, protected, and enhanced during the rehabilitation program now and into the future.
- o. Prior to site 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 activities of the mineral aggregate operation.
- p. Prior to the surrender of the license, remove any temporary protective measures implemented during the time the farmhouse is used as an office/laboratory and rehabilitate the farmhouse back to its original use.
- q. Implement the recommendations of the blast impact assessment to ensure the structural integrity of the farmhouse is maintained.
- r. A Heritage Documentation Plan shall be prepared for the property with a focus on the barn foundation runs on the property.
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- t. Prior to site 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 activities of the mineral aggregate operation.
- u. Prior to the surrender of the license, remove any temporary protective measures implemented during the time the farmhouse is used as an office/laboratory and rehabilitate the farmhouse back to its original use.
- v. Implement the recommendations of the blast impact assessment to ensure the structural integrity of the farmhouse is maintained.
- w. A Heritage Documentation Plan shall be prepared for the property with a focus on the barn foundation runs on the property.
- x. A Heritage Conservation Plan shall be prepared for the farmhouse prior to use of the farmhouse as an office or laboratory space to guide the adaptive re-use efforts and outline how the heritage attributes of the structure will be conserved, protected, and enhanced during the rehabilitation program now and into the future.
- y. Prior to site 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 activities of the mineral aggregate operation.
- z. Prior to the surrender of the license, remove any temporary protective measures implemented during the time the farmhouse is used as an office/laboratory and rehabilitate the farmhouse back to its original use.

5. Archaeology

- a. A Stage 4 Archaeological Assessment Archaeological Mitigation shall be required for the following sites: Location 1 (A14-01), Location 2 (A14-02), Location 3 (A14-03), Location 4 (A14-04), Location 5 (A14-05), Location 6 (A14-06), Location 7 (A14-07), Location 8 (A14-08), Location 9 (A14-09), Location 10 (A14-10), Location 11 (A14-11), Location 12 (A14-12), Location 13 (A14-13), Location 14 (A14-14), Location 15 (A14-15), Location 16 (A14-16), Location 17 (A14-17), Location 18 (A14-18), Location 19 (A14-19), Location 20 (A14-20), Location 21 (A14-21), Location 22 (A14-22), Location 23 (A14-23), Location 24 (A14-24), Location 25 (A14-25), Location 26 (A14-26), Location 27 (A14-27), Location 28 (A14-28), Location 29 (A14-29), Location 30 (A14-30), Location 31 (A14-31), Location 32 (A14-32), Location 33 (A14-33), Location 34 (A14-34), Location 35 (A14-35), Location 36 (A14-36), Location 37 (A14-37), Location 38 (A14-38), Location 39 (A14-39), Location 40 (A14-40), Location 41 (A14-41), Location 42 (A14-42), Location 43 (A14-43), Location 44 (A14-44), Location 45 (A14-45), Location 46 (A14-46), Location 47 (A14-47), Location 48 (A14-48), Location 49 (A14-49), Location 50 (A14-50), Location 51 (A14-51), Location 52 (A14-52), Location 53 (A14-53), Location 54 (A14-54), Location 55 (A14-55), Location 56 (A14-56), Location 57 (A14-57), Location 58 (A14-58), Location 59 (A14-59), Location 60 (A14-60), Location 61 (A14-61), Location 62 (A14-62), Location 63 (A14-63), Location 64 (A14-64), Location 65 (A14-65), Location 66 (A14-66), Location 67 (A14-67), Location 68 (A14-68), Location 69 (A14-69), Location 70 (A14-70), Location 71 (A14-71), Location 72 (A14-72), Location 73 (A14-73), Location 74 (A14-74), Location 75 (A14-75), Location 76 (A14-76), Location 77 (A14-77), Location 78 (A14-78), Location 79 (A14-79), Location 80 (A14-80), Location 81 (A14-81), Location 82 (A14-82), Location 83 (A14-83), Location 84 (A14-84), Location 85 (A14-85), Location 86 (A14-86), Location 87 (A14-87), Location 88 (A14-88), Location 89 (A14-89), Location 90 (A14-90), Location 91 (A14-91), Location 92 (A14-92), Location 93 (A14-93), Location 94 (A14-94), Location 95 (A14-95), Location 96 (A14-96), Location 97 (A14-97), Location 98 (A14-98), Location 99 (A14-99), Location 100 (A14-100).
- b. The limits of each of these archaeological sites have been determined by Stage 3 Archaeological Assessment and include a 10 metre protective buffer zone (where applicable) and a 10 metre buffer zone (where applicable).
- c. Alterations and/or ground disturbing activities are prohibited within the limits of the "Archaeological Protection Area" until such time that a professionally licensed archaeologist has completed field work on the site and the Ministry of Citizenship and Multiculturalism (MCM) has entered a report in the Ontario Public Register of Archaeological Resources where the report(s) recommend that the archaeological site is of no further cultural heritage value or interest.
- d. Any archaeological site that is of further cultural heritage value or interest that remains within the licensed area at the time of surrender of the license shall be protected through a restrictive covenant on title.
- e. The protected sites shall be located (past and present) prior to commencing extraction.
- f. Should despite archaeological resources remain found during the course of site preparation and/or extraction related activities, the MCM shall be notified.
- g. In the event that human remains are encountered during construction or extraction activities, the licensee shall immediately contact both the MCM and the Registrar or Deputy Registrar of the Cemetery Regulation Unit of the Ministry of Government and Consumer Services (MCCS).

6. Visual

- a. Berms shall be designed to mitigate visual effects and shall be constructed in the locations identified on the plan view of this drawing for the Main Area, North Area, and South Area. The berms shall be five to seven metres in height and constructed with material from each extraction area on-site and/or off-site, prior to extraction commencing in the Main Area, North Area and South Area.
- b. Berms shall remain in place throughout the operational phases in each of the Main Area, North Area and South Area until extraction has been completed. Once operations are completed in each area, the berms shall be removed and the material from berms shall be used for reclamation.
- c. The berms shall be seeded with a grass/legume mix in order to stabilize the soils on the berms and groundwater infiltration trench. The grass/legume seed mix shall be applied at a rate of 125 kg/ha. The mix shall consist of 50-70% grasses (e.g. Kentucky Bluegrass) and 30-50% legumes, and may include the following species, as available at the time of application:
- Annual ryegrass (Lolium perenne)
 - Perennial ryegrass (Lolium perenne)
 - Tall fescue (Lolium arundinaceum)
 - Bushclover (Fragaria virginiana)
 - Alfalfa (Medicago sativa)
 - Crown vetch (Coronilla varia)
 - White clover (Trifolium repens)
 - Creeping bentgrass (Panicum capillare)
 - Red fescue (Festuca rubra)
- d. When conducting the berms, as much of the existing perimeter tree line as possible shall be left in place for additional visual screening.

7. Water

- a. The maximum permitted groundwater table, based on groundwater levels monitored over a 12 month period from January to December 2021, are as follows:
- Main Area - Ranges from 420.7 to 393.5 m (North to south)
 - North Area - Ranges from 420.7 to 397.3 m (Northwest to southeast)
 - South Area - Ranges from 420.3 to 381.0 m (Northwest to south)
- b. Prior to below water extraction, the licensee shall conduct a follow-up door-to-door survey of private wells for properties within 1,000 metres of the license area, to supplement and verify the MECP Water Well Information System (WWIS) information, to confirm neighbouring water users and confirm baseline conditions prior to below water extraction commencing. Landowner participation in this private well survey is voluntary.
- c. Prior to below water extraction, the licensee shall obtain and operate in accordance with a Permit To Take Water and Environmental Compliance Approval under the Ontario Water Resources Act to permit the water management activities needed to operate the pit and quarry. These activities include:
- Pumping, collection, storage and discharge of pit and quarry water;
 - Construction of a groundwater infiltration trench;
 - Construction and operation of an aggregate wash plant.
- d. The groundwater monitoring system shall be installed in the Main Area and South Area. The water level shall, at a minimum, include all groundwater and surface water monitoring requirements as outlined below:
- On-site monitoring shall include the wells, surface water stations and mini-piezometers listed in Table 1 on drawing 1 of 4, and the groundwater monitoring wells listed in Table 2 on drawing 2 of 4.
 - Off-site monitoring shall include the wells, surface water stations and mini-piezometers listed in Table 2 on drawing 1 of 4, and the groundwater monitoring wells listed in Table 2, subject to landowner approval.
- e. In the event a well completed is located by the licensee within the estimated zone of influence (1,000 metres), the licensee shall implement the following Well Completion Requirements:
- a. Representative of the licensee shall meet with the resident within 24 hours and discuss the completion. If warranted, the licensee shall install a wellhead and a pump to ensure the water level in the well is maintained at or above the natural water level within 24 hours. If the issue cannot be easily determined and rectified (see steps below):
 - b. If the issue raised by the resident is related to a loss of water supply, the licensee shall have a consultant/well contractor determine the likely causes of the change in water quality, and review monitoring results at the quarry and background locations. The licensee shall be responsible for the cost of the consultant/well contractor. If the licensee is unable to determine if there is any potential connection with the quarry, it has been determined that the quarry caused a water quality issue, the quarry shall continue to supply water to the licensee's representative until the problem is resolved. The licensee shall be responsible for restoring the water supply by replacing the well or providing a water treatment system. Only the request of a supplier/water user to obtain water for domestic use shall be considered a valid request for water supply.
 - c. If the issue raised by the land owner is related to water quality, the licensee shall have a consultant/well contractor determine the likely causes of the change in water quality, and review monitoring results at the quarry and background locations. The licensee shall be responsible for the cost of the consultant/well contractor. If the licensee is unable to determine if there is any potential connection with the quarry, it has been determined that the quarry caused a water quality issue, the quarry shall continue to supply water to the licensee's representative until the problem is resolved. The licensee shall be responsible for restoring the water supply by replacing the well or providing a water treatment system. Only the request of a supplier/water user to obtain water for domestic use shall be considered a valid request for water supply.
- f. The licensee shall submit an annual water resources monitoring report to MNRF, MECP, Town of Caledon and Credit Valley Conservation (CVC). The annual report shall also include a summary of any water related complaint and the actions taken by the licensee to address the complaint.
- g. During operation, the pump in each of the quarry areas shall be located near the lowest point of elevation on the current pit and quarry floor. The position of the pump at a given point in time will be dictated by direction of extraction and elevation of the base of the current pit and quarry floor with each quarry area, and shall generally be located:
- Main Area - the pump shall be located in the most southwestern area of the current pit and quarry floor, at the point of lowest elevation.
 - North Area - the pump shall be located in the most 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 Ogeary Valley Golf Course, the licensee shall construct a discharge pipe from the licence area to the irrigation system infrastructure at the golf course to convey the water from the settling pond to the golf course for irrigation, with the excess water stored or discharged through the existing conveyance system to the Credit River.
- i. Subject to an agreement with the Registrar of Pits, the licensee shall install a discharge pipe from the Main Area and North Area to the transfer of water from the Main Area to the North Area.

8. Noise

- a. All fuel storage and handling vessels 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 in protective of the environment. The use of storage of hazardous substances shall follow applicable workplace hazardous materials regulations, including Ontario Regulation 800/03, as amended.
- b. Once operations in the North Area, South Area and Main Area have been completed and the rehabilitated landscape has been created, pumping will cease and allowed to flow into the Main Area, North Area and South Area. The Main, North and South water levels post-rehabilitation are predicted to reach a level of approximately -400, -399 and -393.5 m, respectively.
- The South pond level will be contained and not require an overflow outlet.
 - The Main pond overflow shall be directed on a culvert under Main Street to the North pond with its outlet invert at -400 m, and
 - The North pond overflow shall be directed via main outlet to the Ogeary Valley Golf Course irrigation pond system with its outlet invert at -399 m.
- c. All rehabilitated pond levels and outlets will be passive and not require pumping.

9. On-site operation shall meet the following noise limits as indicated in the table below:

Source ID	Source Description	Quantity	Overall Sound Power Level [dBA]
Screen 1-2	Temporary Processing Plant - Screen	2	115
Jan Crusher	Temporary Processing Plant - Jan Crusher	1	115
Core Crusher	Temporary Processing Plant - Core Crusher	1	115
Loader 1-2	Processing Plant - Loader	4	107
Loader 3-4	Processing Plant - Loader	4	107
Excavator 1-2	Excavation Loader	3	110
Excavator 3-4	Excavation Loader	3	110
Screen 1-2	Permanent Processing Plant - Screen	2	108
Jan Crusher 1-2	Permanent Processing Plant - Jan Crusher	2	110
Core Crusher 1-2	Permanent Processing Plant - Core Crusher	2	110
Wash Plant Screen 1-2	Permanent Processing Plant - Screen	2	114
Haul Truck	Haul Truck Unloading	26	114
Haul Truck Unloading	Haul Truck Unloading	26	114
Highway Truck	Highway Truck	38	103

10. Traffic

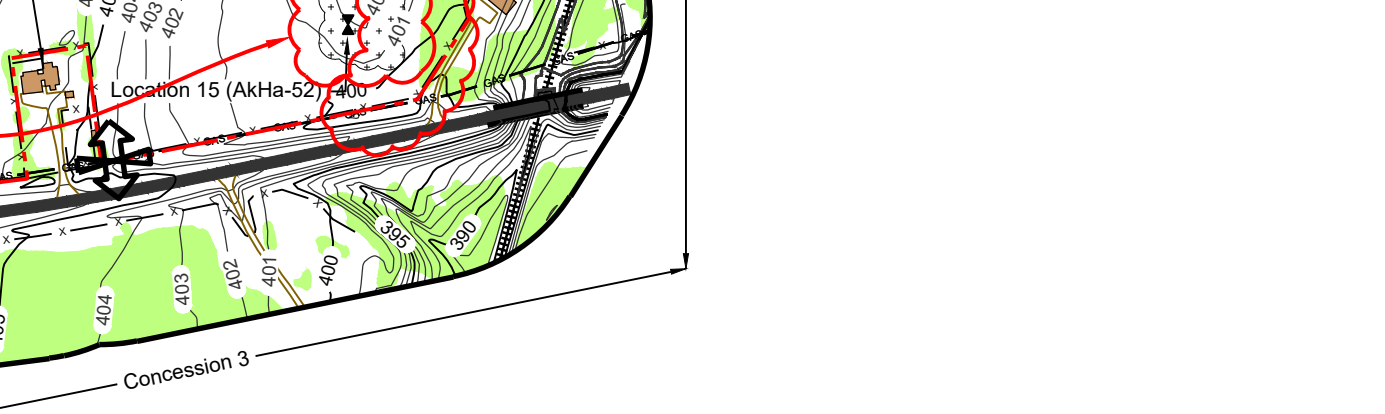
- a. Prior to shipping, the licensee shall enter into an agreement with the Regener-Peel applicable road authority for the construction of the site plan amendments:
- a. Entrance / exit
 - b. Chatterton Sideline improvements
- b. Prior to below water extraction commencing in the Main Area and prior to operations commencing in the South Area, the licensee shall enter into an agreement with the Regener-Peel applicable road authority for a crossing under Main Street and Chatterton Sideline.
- c. A minimum 120 metre long internal access road to accommodate heavy truck queuing shall be constructed on-site (the location shown on the plan view of this drawing is schematic only). The scale house will be located a minimum of 150 metres from the intersection of the internal access road to accommodate heavy truck queuing.
- d. The licensee shall hold an annual Community Liaison Committee meeting once a year. The Community Liaison Committee shall consist of up to 10 members of the public that live within 500 m of the license area and representatives of the licensee. The Community Liaison Committee is intended to provide a forum for dialogue and exchange of information between the surrounding community and the licensee relative to ongoing operations, rehabilitation, monitoring and any complaints received and actions taken by the licensee. The licensee also invite the MNRF, Town of Caledon, the Region of Peel and the CVC to attend the Community Liaison Committee meetings.

11. Site Plan Acronyms

1. ARA - Aggregate Resources Act
2. MECP - Ministry of the Environment, Conservation and Parks
3. MCCS - 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
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14. MASL - Mines above sea level
15. PTTW - Permit to Take Water
16. NTS - Not to Scale

12. Noise Mitigation Schematic

Scale 1:10,000



13. Groundwater Infiltration Trench Cross Section

N.T.S.



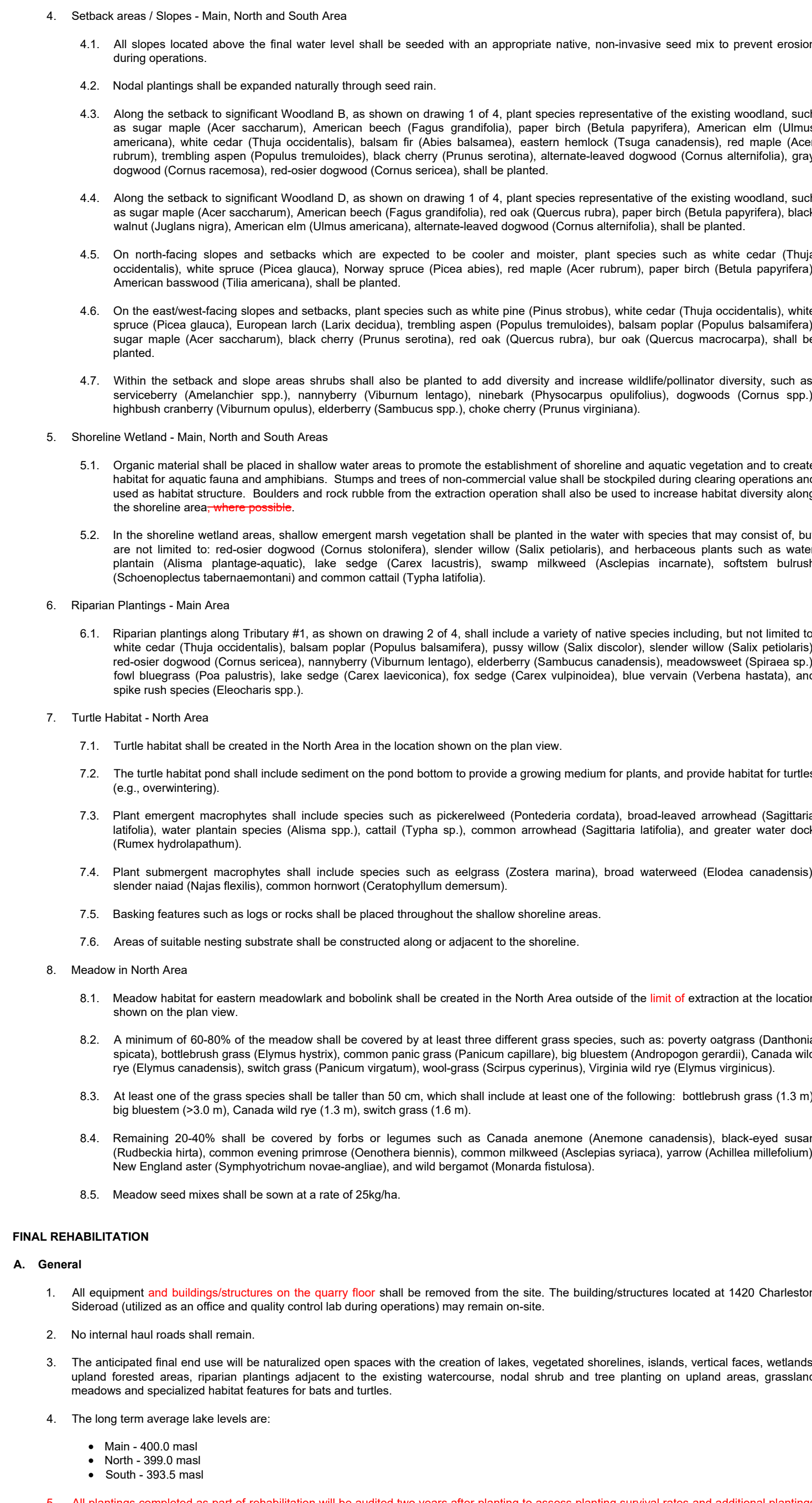
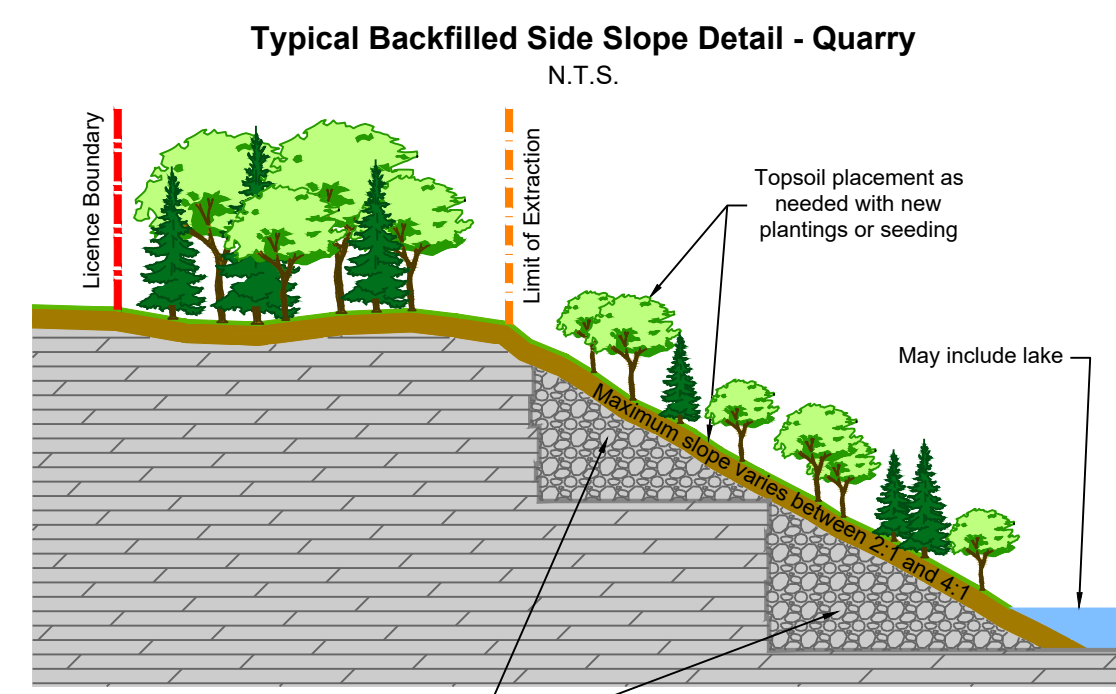
14. Table 3: Receptors Within 500m of Licence Boundaries

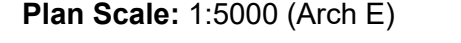
Receptor	Address	Distance	Receptor	Address	Distance
POR001	15147 Mississauga Road	280 m	POR040	18127 Caledon Road	290 m
POR002	18189 Mississauga Road	180 m	POR041	18127 Caledon Road	290 m
POR003	18025 Mississauga Road	180 m	POR042	18127 Caledon Road	290 m
POR004	18021 Mississauga Road	180 m	POR043	18127 Caledon Road	290 m
POR005	18024 Mississauga Road	280 m	POR044	18127 Caledon Road	290 m
POR006	18029 Mississauga Road	170 m	POR045	18127 Caledon Road	290 m
POR007	833 Chatterton Sideline	470 m	POR046	1408 Caledon Road	380 m
POR008	18015 Mississauga Road	150 m	POR047	33 William Street	340 m
POR009	18027 Mississauga Road	160 m	POR048	47 William Street	450 m
POR010	18062 Mississauga Road	320 m	POR049	61 William Street	330 m
POR011	18765 Mississauga Road	220 m	POR050	71 William Street	340 m
POR012	18027 Mississauga Road	260 m	POR051	71 William Street	340 m
POR013	18008 Main Street	460 m	POR052	89 William Street	330 m
POR014	18042 Main Street	580 m	POR053	26 Albert Street	340 m
POR015	18042 Main Street	260 m	POR054	1302 Caledon Road	390 m
POR016	18010 Main Street	240 m	POR055	18051 Caledon Road	440 m
POR017	18786 Main Street	200 m	POR056	1501 Caledon Road	440 m
POR018	18775 Main Street	200 m	POR057	1463 Caledon Road	450 m
POR019	18775 Main Street	200 m	POR058	1463 Caledon Road	450 m
POR020	18719 Main Street	150 m	POR059	1463 Caledon Road	450 m
POR021	18693 Main Street	150 m	POR060	1463 Caledon Road	450 m
POR022	18473 Main Street	150 m	POR061	1463 Caledon Road	450 m
POR023	18471 Main Street	150 m	POR062	1434 Caledon Road	390 m
POR024	1700 Chatterton Sideline	130 m	POR063	1434 Caledon Road	390 m
POR025	PM 1427018	310 m	POR064	1404 Caledon Road	420 m
POR026	1628 Chatterton Sideline	150 m	POR065	1425 Caledon Road	470 m
POR027	1500 Chatterton Sideline	220 m	POR066	1411 Caledon Road	450 m
POR028	1522 Chatterton Sideline	150 m	POR067	1391 Caledon Road	450 m
POR029	1531 Chatterton Sideline	180 m	POR068	1375 Caledon Road	410 m
POR030	1529 Chatterton Sideline	150 m	POR069	1369 Caledon Road	420 m
POR031	1521 Chatterton Sideline	150 m	POR070	1357 Caledon Road	380 m
POR032	18217 Caledon Road	150 m	POR071	1341 Caledon Road	360 m
POR033	18201 Caledon Road	170 m	POR072	1327 Caledon Road	320 m
POR034	18198 Caledon Road	160 m	POR073	1343 Caledon Road	290 m
POR035	18182 Caledon Road	160 m	POR074	1311 Caledon Road	300 m
POR036	18184 Caledon Road	160 m	POR075	1297 Caledon Road	290 m
POR037	18148 Caledon Road	190 m	POR076	1273 Caledon Road	290 m
POR038	18140 Caledon Road	240 m	POR077	1195 Caledon Road	330 m
POR039	18130 Caledon Road	260 m			

- a. Deciduous trees shall be planted with approximately 10 m spacing on either side of the water infiltration trench, within 1 year of issuance of the license. The tree site shall include the following species and percentage mix:
- Sugar Maple (Acer saccharum) - 50%
 - Red Oak (Quercus rubra) - 50%
- b. Trees and shrubs shall be planted as seedlings in the visual planting areas (see plan view on this drawing for locations) to approximately 1.5 metres spacing. The tree spacing shall be approximately 50 centimetres in height. The tree and shrub mix shall include the following species and percentage mix:
- Trembling aspen (Populus tremuloides) - 10%
 - Grey poplar (Populus nigra) - 10%
 - Alternate-leaved dogwood (Cornus alternifolia) - 10%
 - White-barked birch (Betula papyrifera) - 10%
 - White pine (Pinus strobus) - 20%
 - White spruce (Picea canadensis) - 20%
- c. Planting of the visual planting areas for the Main Area shall occur within 1 year of issuance of the license, and for the North and South Areas within 5 years of issuance of the license.
- d. Monitoring of tree survival shall be conducted within the first year following planting and equivalent replanting shall be implemented if any mortality occurs. The tree and shrub survival report shall be submitted to the licensee and the licensee shall be required to confirm survival of the trees and shrubs.
- e. Rehabilitation shall be implemented as illustrated on drawing 4 of 4.

15. Water

- a. The maximum permitted groundwater table, based on groundwater levels monitored over a 12 month period from January to December 2021, are as follows:
- Main Area - Ranges from 420.7 to 393.5 m (North to south)
 - North Area - Ranges from 420.7 to 397.3 m (Northwest to southeast)
 - South Area - Ranges from 420.3 to 381.0 m (Northwest to south)
- b. Prior to below water extraction, the licensee shall conduct a follow-up door-to-door survey of private wells for properties within 1,000 metres of the license area, to supplement and verify the MECP Water Well Information System (WWIS) information, to confirm neighbouring water users and confirm baseline conditions prior to below water extraction commencing. Landowner participation in this private well survey is voluntary.
- c. Prior to below water extraction, the licensee shall obtain and operate in accordance with a Permit To Take Water and Environmental Compliance Approval under the Ontario Water



Project <h1 style="text-align: center;">Caledon Pit & Quarry</h1> <p style="text-align: center;">18722 Main Street, Caledon, Ontario</p>							
MNRF Licence Reference No. <div style="border: 1px solid black; padding: 5px; text-align: center; font-weight: bold;">626600</div>	Applicant's Signature <div style="border: 1px solid black; height: 100px; width: 100%;"></div>						
Plan Scale: 1:5000 (Arch E) 	<table border="1" style="width: 100%;"> <tr> <td colspan="2">Date August-2023 May 2025</td> </tr> <tr> <td>Drawn By C.P.</td> <td>File No.</td> </tr> <tr> <td>Checked By B.Z.</td> <td style="text-align: right; font-size: 1.2em; font-weight: bold;">8816AF</td> </tr> </table>	Date August-2023 May 2025		Drawn By C.P.	File No.	Checked By B.Z.	8816AF
Date August-2023 May 2025							
Drawn By C.P.	File No.						
Checked By B.Z.	8816AF						
File Name <div style="border: 1px solid black; padding: 10px; text-align: center; font-weight: bold; font-size: 1.5em;">Rehabilitation Plan</div>							
Drawing No. <div style="border: 1px solid black; padding: 10px; text-align: center; font-weight: bold; font-size: 2em;">4 of 4</div>							
File Path <p style="font-size: 0.8em;">N:\Site\8816AF - CSM - Caledon Quarry\Drawings\Site Plans\CAD\8816AF - Site Plan.dwg</p>							

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.