

A. General

1. Area Calculations
1.1. License (Total) 261.2 hectares
Main Area 131.3 hectares
North Area 30.3 hectares
South Area 79.4 hectares
1.2. Limit of Extraction (LOE) 199.8 hectares
Main Area 129.6 hectares
North Area 16.0 hectares
South Area 59.9 hectares

2. The maximum amount of aggregate to be produced within the Building Location Area identified on the plan view of this drawing
Building Width Length Area
Quality Control Lab 3.7 m 12.2 m 45.1 sq m
Maintenance Shop 36.0 m 45.7 m 1,627.0 sq m
Office 13.7 m 18.3 m 250.7 sq m

3. The licensee intends to retain ownership or control of additional land containing a house (to the northwest of the Main Area) during the operation which shall be vacated prior to, and remain vacant until, extraction is occurring within 500 metres. Should the house remain occupied or the property sold, the licensee shall notify the MNR immediately and provide mitigation necessary to ensure Provincial roads, air, dust and ground vibration limits are satisfied.

4. 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 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).

5. 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 aggregates during these hours.

6. 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 considered to be construction activities and are only permitted to occur during the daytime period (7:00am to 7:00pm Monday to Saturday, except statutory holidays).

7. 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 aggregates during these hours.

8. 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 considered to be construction activities and are only permitted to occur during the daytime period (7:00am to 7:00pm Monday to Saturday, except statutory holidays).

9. 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 aggregates during these hours.

D. Drainage and Erosion 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, all fencing shall be installed on the exterior side of perimeter berms and along the edges of adjacent woodlands as shown on the plan view of this drawing.
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.

E. Site Preparation

- 1. Existing structures within the licence boundary outside of the Cultural Heritage Potential areas shall be demolished or removed prior to extraction within Area A. Structures 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 for use as saw logs, fence posts and fuel wood where appropriate. Cleared stumps and brush may be burned (with applicable permits), used for aquatic habitat enhancement or mulched for use in progressive rehabilitation.
3. Ensure all requirements for natural environment notes 9a to 9d 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 noise attenuation/mulch berms or used immediately for progressive rehabilitation.

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 extremity 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.

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 operational and rehabilitation notes, demand for certain products or blending of materials may require minor deviations in the extraction and rehabilitation sequence. Any major deviations from the operations sequence shown shall require approval from the MNR.

5. Phases 2A

- 5.1. 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.
5.2. Extract pit and quarry in a northerly direction before proceeding in a southerly direction.
5.3. Phase 2A may be extracted to a maximum depth between 387.2 and 392.7 mast.
5.4. Establish tunnel beneath Main Street to connect with Phase 2B.

6. Phase 2B

- 6.1. 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.
6.2. Create linking to establish lateral beneath Main Street to connect with Phase 2A.
6.3. Extract pit and quarry in a northerly direction before proceeding in a southerly direction.
6.4. Phase 2B may be extracted to a maximum depth between 393.3 and 398.0 mast.

7. Phase 3

- 7.1. Use the topsoil and overburden stockpiled in Phase 3, as well as the existing material, for progressive rehabilitation in Phases 2A and 2B.
7.2. Construct a slurry wall / grout zone in the southwest setback of the Main Area prior to extraction in Phase 3.
7.3. Extract pit and quarry in a southwest direction.
7.4. Phase 3 may be extracted to a maximum depth between 393.9 and 398.0 mast.

8. Phase 4

- 8.1. 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.
8.2. Construct infiltration trenches in the southwest setback of the Main Area prior to extraction in Phase 4.
8.3. Extract pit and quarry in a southwest direction before proceeding in a northerly direction.
8.4. Phase 4 may be extracted to a maximum depth between 393.3 and 395.0 mast.

9. Phase 5

- 9.1. Strip Phase 5 and use the material for progressive rehabilitation in Phases 4 and 5 and any other area requiring backfilling within the Main Area. Any remaining topsoil and overburden shall be used for the future progressive rehabilitation in Phases 6 and 7.
9.2. Extract pit and quarry in a southerly direction.
9.3. Phase 5 may be extracted to a maximum depth between 393.9 and 394.7 mast.

10. Phase 6

- 10.1. 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.
10.2. Construct slurry wall / grout zone and infiltration trenches in the southwest and southeast setback of the South Area prior to extraction in Phase 6.
10.3. Create linking to establish lateral beneath Charleston St/road to connect with Phase 1.
10.4. Extract pit and quarry in a southerly direction.
10.5. Phase 6 may be extracted to a maximum depth between 395.0 and 391.4 mast.

11. Phase 7

- 11.1. Strip Phase 7 and use the material for progressive rehabilitation in Phases 6 and 7.

11. Phase 7

- 11.1. Strip Phase 7 and use the material for progressive rehabilitation in Phases 6 and 7.
11.2. Extract pit and quarry in a southerly direction before proceeding in a southerly direction.
11.3. Phase 7 may be extracted to a maximum depth between 391.3 and 396.5 mast.
11.4. Extract facility pad in Main Area.
11.5. Progressive rehabilitation shall consist of backfilling the quarry floor (including tunnels) and side slopes (where applicable) to establish the final elevations and grades depicted on the plan view of drawing 4 of 4.

L. Scrap and Recycling

- 1. Scrap may be stored on-site 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 fluids shall be drained from any discarded equipment, machinery or motor vehicle prior to storage and disposed of in accordance with the Environmental Protection Act.

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

Table with 3 columns: Section O.13 Standard, Variation, Rationale. Contains 13 rows of technical variations.

O. Equipment and On-site

- 1. Processing equipment used on-site may include jaw crushers, excavators, bulldozers, skid steers, screeners, conveyors, hoppers, mobile cone crushers, roll top, generators, front loaders, shoring, shovels, shipping trailers, trucks, haul trucks, and water trucks.
2. Processing equipment shall remain a minimum of 30 metres from the licence boundary and 90 metres from a property with a residential use.

P. 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 21701.

L. Scrap and Recycling

- 1. Scrap may be stored on-site 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 fluids shall be drained from any discarded equipment, machinery or motor vehicle prior to storage and disposed of in accordance with the Environmental Protection Act.

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

Table with 3 columns: Section O.13 Standard, Variation, Rationale. Contains 13 rows of technical variations.

O. Equipment and On-site

- 1. Processing equipment used on-site may include jaw crushers, excavators, bulldozers, skid steers, screeners, conveyors, hoppers, mobile cone crushers, roll top, generators, front loaders, shoring, shovels, shipping trailers, trucks, haul trucks, and water trucks.
2. Processing equipment shall remain a minimum of 30 metres from the licence boundary and 90 metres from a property with a residential use.

P. 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 21701.

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

Legend section containing various symbols and their corresponding descriptions: Licence Boundary, Limit of Extraction, Contours with Elevation, Public Road, Driveway, Railway, Entrance / Exit, Tunnel Crossing, Gate, Watercourse, Water Feature, Wooded Area, Wetland, Visual Planting Area, Additional Land Owned by Licensee, 120m Offset From Licence Boundary, Pipeline, Fence, Silt Fence, Main Discharge, Secondary Discharge, Berm, General Direction of Excavation & Boundary, Building/Structure, Topsoil & Overburden Stockpile Area, Facility Pad and Building Location Area, Archaeological Protection Area, Infiltration Trench, Slurry Wall, Spot Elevation, Cross Sections.



- Site Plan Acronyms
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. MNR - Ministry of Natural Resources and Forestry
6. TSSA - Technical Standards and Safety Authority
7. MTC - Ministry of Tourism, Culture and Sport
8. ECA - Environmental Compliance Approval
9. BMP - Best Management Practices Plan
10. WWIS - Water Well Information System
11. HIA - Heritage Impact Assessment
12. CVC - Credit Valley Conservation
13. MASL - Metres above sea level
14. PTTW - Permit to Take Water
15. NTS - Not to Scale

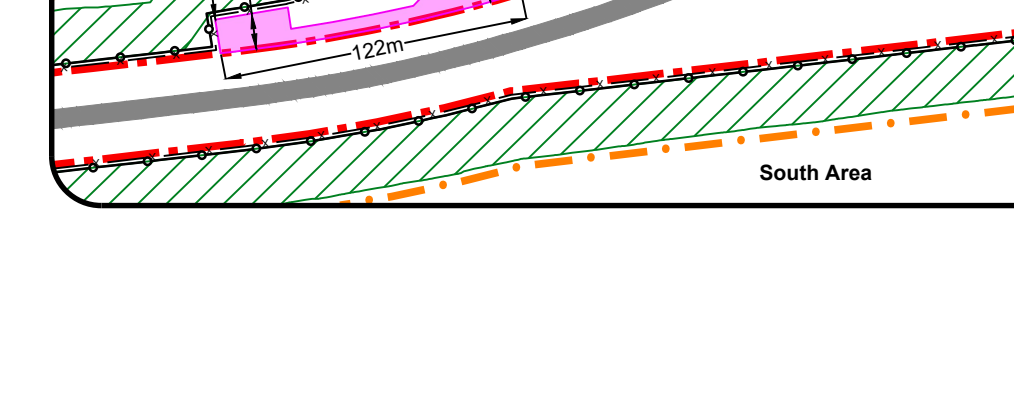
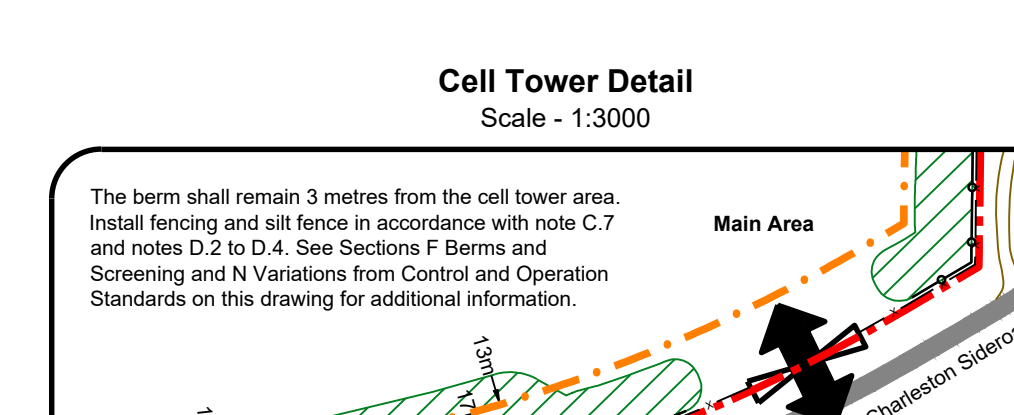
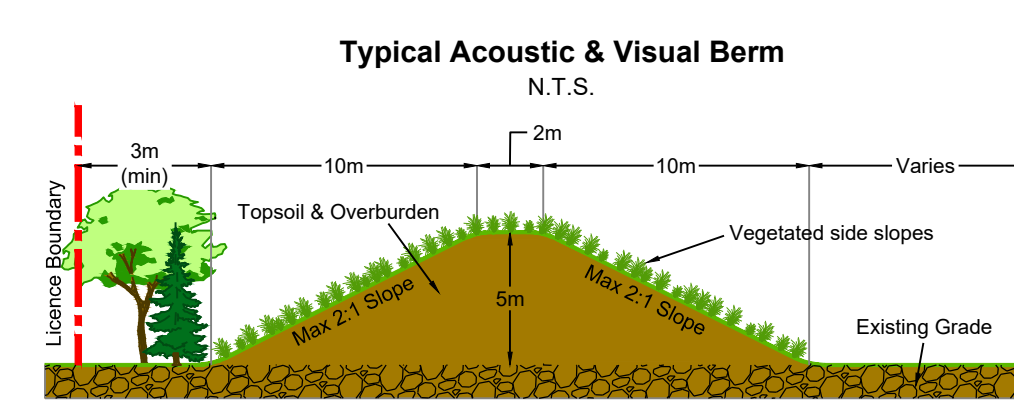


Table for Site Plan Amendments with columns: No., Date, Description, By.

Table for Site Plan Revisions (Pre-Licensing) with columns: No., Date, Description, By.

MHBC logo and contact information: PLANNING URBAN DESIGN & LANDSCAPE ARCHITECTURE, 113 COLLIER STREET, BARRE, ON, CAN. L4G 1J1.

MHBC Stamp section with signatures of Brian Zeman and Christopher Poole, including their professional credentials.

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

Project information: Project Caledon Pit & Quarry, 18722 Main Street, Caledon, Ontario. Includes MNR Licence Reference No. 626600, Applicant Signature, Date August 2023, Plan Scale 1:5000 (Arch E), and File No. 8816AF.