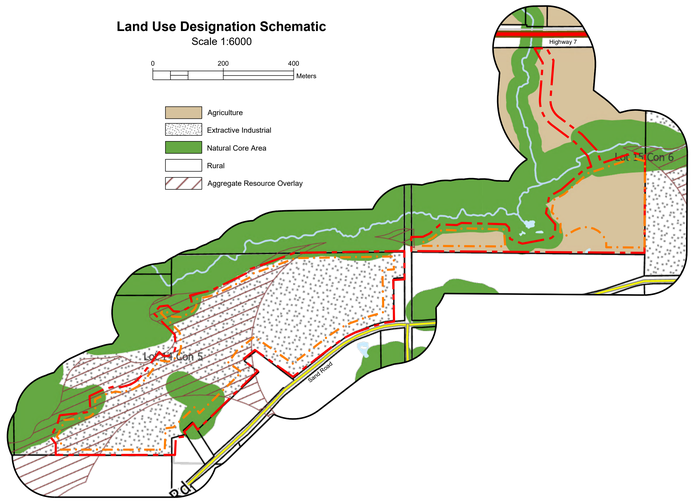
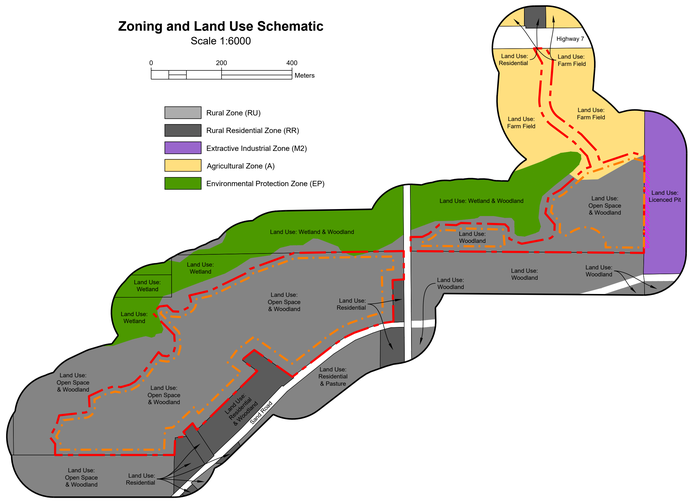
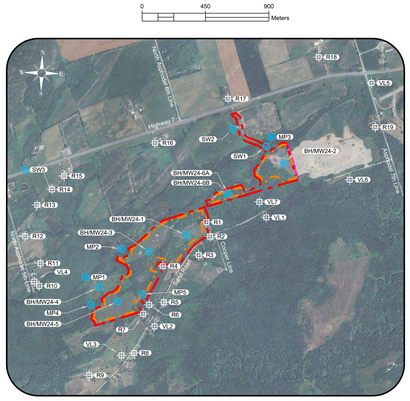
Land Use Designation Schematic
Scale 1:6000



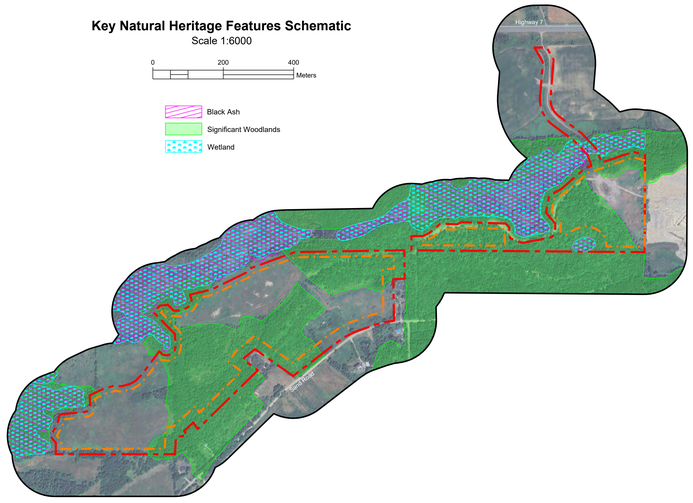
Zoning and Land Use Schematic
Scale 1:6000



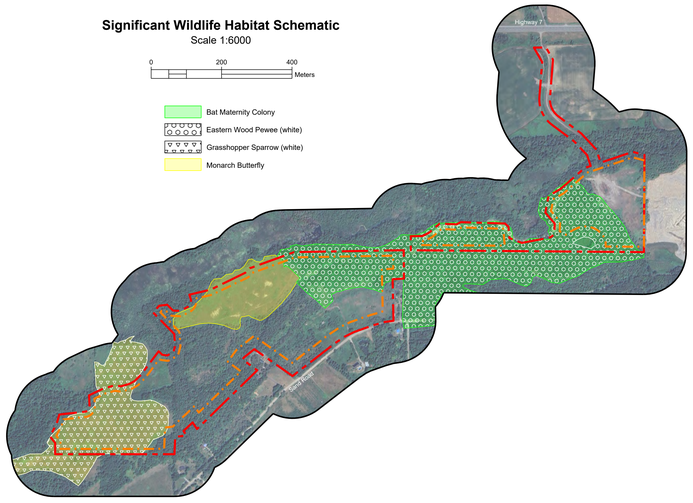
Receptor and Groundwater Monitoring Locations
Scale 1:15,000

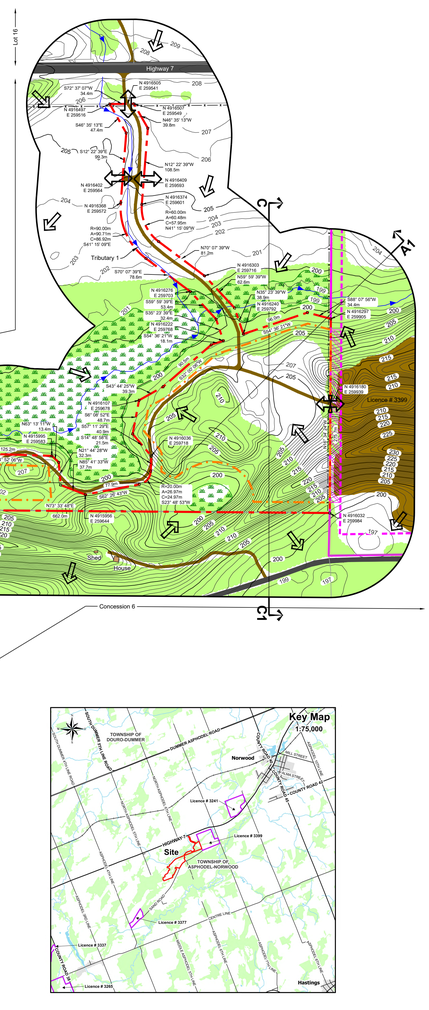


Key Natural Heritage Features Schematic
Scale 1:6000



Significant Wildlife Habitat Schematic
Scale 1:6000





A. General

1. This site plan is prepared under the Aggregate Resources Act (ARA) for a Class 'A' Licence for a pit above the ground water table.
2. Area Calculations:
   - 2.1. Licence Boundary 35.2 hectares
   - 2.2. Limit of Extraction 25.0 hectares

B. References

1. Contours were obtained from the 2017 Ontario Digital Terrain Model (available through Geospatial Ontario), which is a raster data set representing the bare-earth terrain derived from a classified lidar point cloud, and are displayed in one metre intervals. Elevations shown are in metres above mean sea level (masl).
2. Topographic information was obtained from numerous sources including Ontario GeoHub (Geospatial Ontario), Google Earth Pro aerial photography captured on July 15, 2025 and field investigations for technical reports.
3. All topographic features and structures are shown to scale in North American Datum of 1983 (NAD83) Canadian Spatial Reference System (CSRS), Universal Transverse Mercator (UTM) Zone 18 North coordinate system. Units are in metres.
4. The licence boundary was established using Teranet parcel fabric obtained through First Base Solutions and a wetland survey completed by RiverStone Environmental Solutions Inc.
5. Existing land use designations on and within 120 metres of the licence were obtained from the Township of Asphodel-Norwood Official Plan, Land Use Schedule Map AN-6, dated May 17, 2022. See the Land Use Designation Schematic on this drawing for additional information.
6. Existing zoning on and within 120 metres of the licence was obtained from the Township of Asphodel-Norwood Comprehensive Zoning By-Law No. 2009-08, as well as Peterborough County's Let Me Map 2.0 website. The licence area is currently zoned Rural (RU) and Agricultural (A). See the Zoning and Land Use Schematic on this drawing for additional information.
7. Land use information and structures identified on or within 120 metres of the licence boundary was determined using Google Earth Pro aerial photography captured on July 15, 2025.

C. Drainage

1. Surface drainage on and within 120 metres of the licence boundary is by overland flow in the directions shown by arrows on the plan view, or by infiltration.
2. There are no existing surface water diversions or discharge locations on-site.

D. Groundwater

1. The maximum predicted water table within the limit of extraction varies between 197.0 and 201.6 masl and is shown in each cross section on drawing 3 of 3.

E. Site Access and Fencing

1. Seven access points exist in the locations shown on the plan view of this drawing. One of the access points is from Sand Road, two are from the unopened road allowance between Concessions 5 and 6, one is from adjacent licence # 3399, two are to access the farm fields on land owned by the Licensee and one is from Highway 7. Only the access points from Sand Road and adjacent licence # 3399 are gated.
2. Post and wire fencing (unless otherwise noted) exists in the locations shown on the plan view.

F. Significant Natural Features On and Within 120 Metres

1. There are Significant Woodlands, Significant Wildlife Habitat and Habitat for Endangered and Threatened Species, as determined by RiverStone Environmental Solutions Inc., within the licence boundary (see the Key Natural Heritage Features and Significant Wildlife Habitat schematics on this drawing for locations).
2. There are Significant Woodlands, Significant Wildlife Habitat and Habitat for Endangered and Threatened species, as determined by RiverStone Environmental Solutions Inc., within 120 metres the licence boundary (see the Key Natural Heritage Features and Significant Wildlife Habitat schematics on this drawing for locations).

G. Significant Human-Made Features on and Within 120 Metres

1. There is an existing shed within the licence boundary.
2. All existing buildings and structures within 120 metres of the licence boundary are identified on the plan view of this drawing.
3. An existing pit operation (Licence # 3399) is located northeast of the licence, as shown on the plan view of this drawing.

H. Aggregate Related Site Features

1. There are no existing aggregate operations or features on-site such as processing areas with stationary or portable equipment, stockpiles, recyclable materials, scrap, haul roads, fuel storage, berms or excavation faces.

I. Cross Sections

1. Cross sections depicting existing conditions are shown on drawing 3 of 3.
2. Cross sections depicting post rehabilitation conditions are shown on drawing 3 of 3.
3. Cross section locations are identified on the plan view of each drawing.

J. Technical Report - References

1. Agricultural Impact Assessment, Proposed Highway 7 Pit, MHBC, August 2026.
2. Air Quality Assessment, Proposed Highway 7 Pit, RWDI, June 29, 2026.
3. Stage 1 and 2 Archaeological Assessment, Sand Road Pit Entrance, Matrix Heritage Inc., December 5, 2025.
4. Stage 1 and 2 Archaeological Assessment, Sand Road Pit Expansion, Matrix Heritage Inc., May 27, 2025.
5. Cultural Heritage Screening Report, Proposed Highway 7 Pit, MHBC, May 2026.
6. Level 1 and 2 Hydrogeological Assessment, Highway 7 Pit, Tatham Engineering, July 6, 2026.
7. Maximum Groundwater Level Report, Highway 7 Pit, Tatham Engineering, July 10, 2026.
8. Natural Environment Report, Highway 7 Application, RiverStone Environment Solutions Inc., July 2026.
9. Noise Impact Assessment, Highway 7 Pit, HGC Noise Vibration Acoustics, August 2026.
10. Traffic Impact Brief, Proposed Highway 7 Pit, Paradigm Transportation Solutions Limited, July 13, 2026.

Site Plan Acronyms

1. ARA - Aggregate Resources Act
2. CSRS - Canadian Spatial Reference System
3. MASL - Metres Above Mean Sea Level
4. MCM - Ministry of Citizenship and Multiculturalism
5. MECP - Ministry of the Environment, Conservation and Parks
6. MNR - Ministry of Natural Resources
7. MTO - Ministry of Transportation
8. NAD - North American Datum
9. SCA - Species Conservation Act
10. UTM - Universal Transverse Mercator

Legal Description

Part of Lot 14, Concession 5 and Part of Lot 15, Concession 6
(former geographic Township of Asphodel)
Township of Asphodel-Norwood
County of Peterborough

Legend

- Licence Boundary
- Limit of Extraction
- Contours with Elevation — Metres above sea level (MASL)
- Public Road
- Driveway
- Watercourse — RiverStone
- Disturbed Area
- Water Feature
- Wooded Area
- Wetland — Identified by RiverStone
- Reduced Setback — Area subject to a separate Site Plan Amendment to reduce the setback to 0 metres
- Existing Licence Boundary
- Existing Limit of Extraction
- 120m Offset From Licence Boundary
- Parcel Fabric
- Fence — 1.2m post & wire fence unless otherwise noted
- Entrance / Exit
- Gate
- Direction of Surface Drainage
- Building/Structure
- Receptor (R1)
- Groundwater Monitor (MP1)
- Cross Sections (A1)

Site Plan Amendments

No.	Date	Description	By

Site Plan Revisions (Pre-Licencing)

No.	Date	Description	By

MHBC PLANNING URBAN DESIGN & LANDSCAPE ARCHITECTURE
113 COLLIER STREET, BARRIE, ON, L4M 1H2 | P: 705.728.0045 | WWW.MHBCPLAN.COM

MNR Approval Stamp

MHBC Stamp

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

Applicant

DRAIN BROS Excavating Limited

Drain Bros Excavating Limited
2130 8th Line Road North Dummer
Douro-Drummer, Ontario
K0L 2H0

Tel: (705) 639-2301

Project

Highway 7 Pit

3479 Highway 7, Norwood, Ontario, K0L 2V0

MNR Licence Reference No.

Applicant's Signature

Plan Scale: 1:3000 (Arch E)
0 100 200 Meters

Date August 2026
Drawn By C.P.
Checked By E.F.
File No. 21100C

Drawing Name

Existing Features

Drawing No.

1 of 3

File Path B:\Brian\21100C Drain Brothers - Highway 7 Pit\Drawings\Site Plan\CAD\21100C - Site Plan.dwg

A. General

1. Area calculations
   - 1.1. Licence Boundary 35.2 ha
   - 1.2. Limit of Extraction 25.0 ha
2. The maximum annual tonnage is 350,000 tonnes.
3. The maximum predicted water table within the limit of extraction varies between 197.0 masl and 201.6 masl. The maximum predicted water table is shown in each cross section on drawing 3 of 3.
4. The licence boundary is not located within a Wellhead Protection Area and is located within an Intake Protection Zone. Therefore, source water protection policies apply for this licence. Based on the Water Resources technical recommendations (this drawing), there will be no adverse impacts to the Intake Protection Zone.

B. Hours of Operation

1. Extraction and shipping shall be permitted Monday to Saturday between 6:00 am and 7:00 pm.
2. Processing shall be permitted Monday to Saturday between 7:00 am and 7:00 pm.
3. No operations shall be permitted on Sunday or a Holiday.
4. 'Holiday' is as defined by the Interpretation Act.

C. Site Access and Fencing

1. The field access point from Sand Road, identified on the plan view of this drawing, may remain for maintenance purposes. Should it remain, this access point shall be gated, kept closed during hours of non-operation and maintained throughout the life of the licence. Aggregate and highway trucks shall not be permitted to access the site in this location.
2. The two field access points south of Highway 7, identified on the plan view of this drawing, may remain for agricultural purposes. Should they remain, these access points shall be gated, kept closed during hours of non-operation and maintained throughout the life of the licence. Aggregate and highway trucks shall not be permitted to access the site in these locations.
3. The field access point from adjacent licence # 624922, identified on the plan view of this drawing, may remain subject to a common boundary agreement.
4. The two operational access points between Concessions 5 and 6 shall not be gated (see Section O Variations from Control and Operation Standards on this drawing for additional information).
5. The operational access point from Highway 7 shall be gated, kept closed during hours of operation and maintained throughout the life of the licence.
6. Portions of the licence boundary that are not currently fenced shall be fenced with post and wire fencing at least 1.2 metres in height. The common licence boundary with adjacent licence # 3399 shall not be fenced (see Section O Variations from Control and Operation Standards on this drawing for additional information).
7. Fencing shall be erected north and south of the haul road where it crosses the unopened road allowance between Concessions 5 and 6, subject to approval from the appropriate authority.
8. Fencing shall occur in a phased approach (see Section O Variations from Control and Operation Standards on this drawing for additional information). Phase 1 shall be fenced prior to site preparation commencing in Phase 1 while Phase 2 shall be fenced prior to site preparation commencing in Phase 2.
9. 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 licenced under the Aggregate Resources Act licence # _____".

D. Drainage and Siltation Control

1. Drainage of undisturbed areas will continue in the directions shown on drawing 1 of 3.

E. Site Preparation

1. Prior to site preparation, a Spills Contingency Plan shall be prepared and implemented.
2. Prior to site preparation, Natural Environment note P.5.10.1 on this drawing shall be completed.
3. Prior to site preparation in each phase, Natural Environment note P.5.7.1 on this drawing shall be completed.
4. The shed in Phase 2 shall be removed prior to extraction in Phase 2.
5. Remove vegetation in accordance with Natural Environment notes P.5.4.1, P.5.6.1 and P.5.8.1 on this drawing.
6. 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.
7. Topsoil and overburden shall be stripped and stored separately wherever feasible (see Section O Variations from Control and Operation Standards on this drawing for additional information).
8. Topsoil and overburden shall be placed in noise attenuation berms or used immediately for progressive rehabilitation.
9. If not required for immediate use in berms or progressive rehabilitation, topsoil and overburden stockpiles shall be located within the limit of extraction and remain a minimum of 30 metres from the licence boundary (see Section O Variations from Control and Operation Standards on this drawing for additional information) and 90 metres from a property with a residential use.
10. Topsoil and overburden stockpiles shall be vegetated to control erosion.

F. Berms and Screening

1. Berms shall be constructed to the height specified in the locations shown on the plan view of this drawing.
2. Berms shall not be located within three metres of the licence boundary.
3. Berm side slopes shall not be steeper than 2:1 (horizontal : vertical).
4. The minimum width of the berm crest shall be one metre.
5. Berms shall be vegetated with non-invasive plant species and maintained to control erosion. See Natural Environment note P.5.9.2 on this drawing for additional information.
6. See Typical Noise Attenuation & Visual Berm detail on this drawing for additional information.
7. Existing vegetation within the setbacks shall be maintained for screening purposes, except where berms are required.

G. Site Dewatering

1. No drainage facilities, water diversion or discharge points to any surface water bodies or courses are proposed.

H. Extraction Sequence

1. Extraction shall occur in three phases (Phases 1A, 1B and 2) as shown on the plan view.
2. Phases 1A and 1B may be extracted concurrently.
3. Phases 1 and 2 may overlap as one phase is prepared for extraction, and the previous phase is nearing depletion and undergoing progressive rehabilitation.
4. Phases 1A
   - 4.1. Prepare Phase 1A for extraction and ensure all the requirements in Sections 'C' through 'F' on this drawing are met.
   - 4.2. Strip Phase 1A and temporarily stockpile the topsoil and overburden for future rehabilitation.
   - 4.3. Extract Phase 1A in a southeast and east direction.
   - 4.4. Phase 1A may be extracted to a maximum depth of 198.5 to 201.5 masl.
   - 4.5. As excavation reaches the limit of extraction or maximum depth, progressive rehabilitation shall commence.
   - 4.6. Progressive rehabilitation shall consist of backfilling the excavation faces, or utilizing the cut and fill method, to establish 3:1 side slopes.
5. Phases 1B
   - 5.1. Prepare Phase 1B for extraction and ensure all the requirements in Sections 'C' through 'F' on this drawing are met.
   - 5.2. Strip Phase 1B and temporarily stockpile the topsoil and overburden for future rehabilitation.
   - 5.3. Extract Phase 1B in an east direction.
   - 5.4. Phase 1B may be extracted to a maximum depth of 199.6 to 202.0 masl.
   - 5.5. As excavation reaches the limit of extraction or maximum depth, progressive rehabilitation shall commence.
   - 5.6. Progressive rehabilitation shall consist of backfilling the excavation faces, or utilizing the cut and fill method, to establish 3:1 side slopes.
   - 5.7. Prepare Phase 2 for extraction and ensure all the requirements in Sections 'C' through 'F' of this drawing are met.
6. Phase 2
   - 6.1. Strip Phase 2 and use the topsoil and overburden to construct the noise attenuation berm in Phase 2.
   - 6.2. Extract Phase 2 in a northwest direction. See Noise note O.6.5 on this drawing for additional restrictions regarding the direction of extraction.
   - 6.3. Extraction equipment shall operate in accordance with Noise notes O.6.4 and O.6.5 on this drawing.
   - 6.4. Phase 2 may be extracted to a maximum depth of 198.5 to 203.1 masl.
   - 6.5. As excavation reaches the limit of extraction or maximum depth, progressive rehabilitation shall commence.
   - 6.6. Progressive rehabilitation shall consist of backfilling the excavation faces and pit floor to establish the elevations, grades and slopes depicted on drawing 3 of 3.

I. Extraction Details

1. All trees within five metres of the excavation face inside the limit of extraction shall be removed.
2. The existing grade, maximum depth of extraction and maximum predicted water table are indicated by spot elevations in various locations on the plan view of this drawing.
3. The maximum lift height shall be 7 metres.
4. The maximum depth of sand and gravel in Phase 1A is approximately 22 metres and shall be extracted in four lifts.
5. The maximum depth of sand and gravel in Phase 1B is approximately 9 metres and shall be extracted in 2 lifts.
6. The maximum depth of sand and gravel in Phase 2 is approximately 27 metres and shall be extracted in four lifts.
7. Aggregate stockpiles shall be located within the limit of extraction and remain a minimum of 30 metres from the licence boundary (see Section O Variations from Control and Operation Standards for additional information) and 90 metres from a property with a residential use.
8. Portions of 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.
9. Internal haul road locations will vary on the pit floor as extraction progresses.

J. Equipment, Processing and Structures

1. Equipment used on-site may include portable crushers (both primary and secondary), portable screening plants, portable stackers, conveyors, excavators, loaders, dozers, dump trucks, articulated dump trucks, highway trucks, water trucks, fuel trucks, pickup trucks, generators and tree clearing equipment.
2. A scale and scale house are proposed in the location shown on the plan view of this drawing.

K. Wash Pond

1. No wash pond is proposed on-site.

L. Dust

1. Dust shall be mitigated on-site in accordance with the dust control requirements stipulated in Ontario Regulation 244/97.

M. Fuel Storage

1. No fuel storage tanks shall be permitted on-site.
2. Fuel trucks may be used to transfer fuel to on-site equipment in accordance with the Liquid Fuels Handling Code. See Water Resources note P.8.6 on this drawing for additional information.
3. The Spills Contingency Plan required under the Aggregate Resources Act shall be available on-site and all employees and contractors shall be informed and required to comply with this plan.

N. Recycling and Scrap

1. No scrap shall be stored on-site.
2. No recycling shall occur on-site.

O. Variations from Control and Operation Standards

Section 0.13 Standard	Variation	Rationale
(1) 1 & (1) 2	The two operational access points at the unopened road allowance between Concessions 5 and 6 shall not be gated.	Fencing shall be erected north and south of the haul road where is crosses the unopened road allowance between Concessions 5 and 6, subject to approval from the appropriate authority.
(1) 6	Topsoil and overburden shall be stripped and stored separately, wherever feasible.	The depth of topsoil and overburden on-site is minimal.
(1) 10.i	A 0 metre setback shall be provided along the common license boundary with adjacent licence # 3399.	This will enable material to be extracted along the common boundary and for rehabilitation to transition between licences. A site plan amendment for existing licence # 3399 is required.
(1) 13.i	Aggregate, topsoil and overburden stockpiles as well as processing equipment may be located within 30 metres of the common licence boundary with adjacent licence # 3399.	The adjacent property is a licenced pit.
(3) (a)	The common licence boundary with adjacent licence # 3399 shall not be fenced. Fencing shall be installed in a phased approach.	The common licence boundary with adjacent licence # 3399 shall be demarcated with marker posts every 30 metres or less in order to maintain visibility from one marker post to the next. Due to the narrow transition between Phases 1 and 2, this enables Phase 1 to be secured efficiently until site preparation is required in Phase 2.

P. Technical Recommendations

1. Agriculture
   - 1.1. Best management practices for the use of salt on the entrance driveway shall be incorporated to help mitigate potential adverse impacts on abutting agricultural lands.
   - 1.2. The use of non-invasive species shall be implemented in the final rehabilitation of lands.
   - 1.3. Topsoil and subsoil removed during extraction activities shall be stored separately for utilization in berm formation and final site rehabilitation.
2. Air Quality
   - 2.1. Dust shall be mitigated on site.
   - 2.2. Water or another provincially approved dust suppressant shall be applied to internal haul roads as often as required to mitigate dust.
   - 2.3. All processing equipment shall be equipped with dust suppressing or collection devices (such as a water spray system).
   - 2.4. The site shall operate in accordance with a Best Management Practices Plan for Fugitive Dust, which may be amended from time to time, considering actual impacts and operational considerations.
3. Archaeology
   - 3.1. No further archaeological study is required for the subject property.
   - 3.2. Due to the nature of archaeological assessments, the potential exists to miss information; and if any artifacts of Indigenous interest or human remains are encountered during the development of the subject property, please contact:

     Alderville First Nation
     11696 Second Line Rd,
     Alderville, Ontario K0K 2X0
     Tel: 905-352-2011
     Email: APAdmin@curvelake.ca

     Curve Lake First Nation
     Lands Resource Consultation
     22 Winrockwedea Rd.
     Curve Lake, ON K0L 1R0
     Tel: 705-657-8045
     Email: ConsultationLead@curvelake.ca

     Hiawatha First Nation
     123 Paudash St.
     Hiawatha, ON K9J 0E6
     Tel: 705-295-4421
     Email: mmcgonigle@hiawatha.ca
     tcowie@hiawathafn.ca sdavison@hiawathafn.ca

     Mississaugas of Scugog Island First Nation
     22521 Island Rd.
     Port Perry, ON L9L 1B6
     Tel: 905-985-3337
     Email: consultation@scugogfirstnation.com

     Huron-Wendat Nation
     255 place Chef Michel Laveau,
     Wendake, QC, G0A 4V0
     Email: consultations@wendake.ca

     Beausoleil First Nation
     11 O'Gemaa Mikaan
     Christian Is., ON L9M 0A9
     Tel: 705-247-2051
     Email: consultation@chimnissing.ca

     Chippewas of Rama First Nation
     5884 Rama Rd., Suite 200
     Rama, ON L3V 6H6
     Tel: 705-325-3611
     Email: consultation@ramafirstnation.ca

     Chippewas of Georgina Island
     R.R. #2, Box N-13
     Sutton W., ON L0E 1R0
     Tel: 705-437-1337
     Email:natasha.charles@georginaisland.com
     j.portelli@georginaisland.com

     Kawartha Nishnawbe First Nation
     Email: nodn.webb@hotmail.com
   - 3.3. It is an offence under Sections 48 and 69 of the Ontario Heritage Act for any party other than a licenced archaeologist to make any alteration to a known archaeological site or to remove any artifact or other physical evidence of past human use or activity from the site, until such time as a licensed archaeologist has completed archaeological fieldwork on the site, submitted a report to the Minister stating that the site has no further cultural heritage value or interest , and the report has been filed in the Ontario Public Register of Archaeology Reports referred to in Section 65.1 of the Ontario Heritage Act.
   - 3.4. If archaeological resources are found during operations, the aggregate operator shall:
     - 3.4.1. Immediately cease any activities that could disturb the resource or its location, and
     - 3.4.2. Engage a licensed Consultant Archaeologist to conduct an archaeological assessment.
   - 3.5. If human remains are discovered during operations, the aggregate operator shall:
     - 3.5.1. Upon discovery all activities must immediately stop, and the police or coroner be notified, as required under the Funeral, Burial and Cremation Services Act.
     - 3.5.2. If the remains appear to be, or are associated with archaeological resources, then the operator shall also:
       - 3.5.2.1. Stop any activities that could disturb the remain or their location, and
       - 3.5.2.2. Notify the Ministry of Citizenship and Multiculturalism (MCM) of their discovery.
4. Cultural Heritage
   - 4.1. There are no site plan recommendations.
5. Natural Environment
   - 5.1. The limit of extraction and operational activities shall be setback a minimum of 30 metres from the boundary of all wetlands features as shown on the plan view of this drawing. The 30 metre setback shall be permanently marked prior to the commencement of pit operations.
   - 5.2. The pre-emptive naturalization of all setbacks with a combination of native trees and shrubs adjacent to wetlands shall occur, where the current use is agricultural field as shown on the plan view of this drawing. See Natural Environment notes on drawing 3 of 3 for planting details and rehabilitation requirements.
   - 5.3. The 30 metre wetland setbacks shall be undisturbed by pit operations and remain as natural self-sustaining vegetation.
   - 5.4. Significant Woodlands
     - 5.4.1. Woodland feature removal and woodland thinning shall only occur between November 1st and March 15th to avoid active periods for birds and bats.
     - 5.4.2. Where direct encroachment into a woodland feature will occur, forest thinning up to the setback, shall occur 2 years prior to woodland removals to reduce edge effect.
     - 5.4.3. Woodland thinning shall occur within the Woodland Thinning Area shown on the plan view of this drawing.
     - 5.4.4. Within the Woodland Thinning Area, low to moderate thinning shall occur at least 50 metres from the proposed new edge with no more than 25% of stand volume removed. Thinning shall favour removal of smaller understory trees, retain dominant trees, and result in a mix of small gaps and denser woodland patches with avoidance of abrupt edges.
     - 5.4.5. The limit of extraction shall be setback a minimum of 30 metres from the boundary of all woodland features not approved for extraction as shown on the plan view of this drawing. The 30 metre setback shall be permanently marked prior to the commencement of pit operations.
     - 5.4.6. To prevent damage to adjacent woodland habitat located within the licence boundary, tree protection measures (e.g., hoarding, temporary fencing at the dripline) shall be applied.
     - 5.4.7. The 30 metre woodland setback shall be undisturbed by pit operations and remain as natural self-sustaining vegetation.
   - 5.5. Black Ash
     - 5.5.1. The recommendations to protect the wetlands must be implemented in full to protect Black Ash and their habitat.
     - 5.5.2. It is the licensee's responsibility to confirm any updated requirements for the protection of all endangered and threatened species including Black Ash. Black Ash is an endangered species and protection measures afforded by the Species Conservation Act (SCA) apply within the County of Peterborough. Black Ash protection shall be reviewed prior to vegetation clearing on lands adjacent to wetlands to ensure ongoing compliance with the SCA or future policy guidance related to the SCA.
   - 5.6. Bat Maternity Colonies
     - 5.6.1. Prior to woodland removal or trimming, twenty-one bat boxes shall be installed in clusters of three (3) in locations shown on the plan view of this drawing.
   - 5.7. Snapping Turtle
     - 5.7.1. Prior to site preparation, turtle exclusion fencing that include J hooks, shall be erected along the licence boundary adjacent to wetland features.
     - 5.7.2. A qualified person shall be retained to certify the adequacy of the specialized barrier fence. The fence shall be inspected to ensure necessary repairs occur on a routine basis (monthly from April through October).
   - 5.8. Eastern Wood-pewee, Wood Thrush, and Grasshopper Sparrow
     - 5.8.1. Removal of natural vegetation (e.g., shrub clearing, fallow fields, etc.) shall be completed outside of the primary breeding bird nesting window (i.e., between April 1st and August 31st).
     - 5.8.2. The progressive rehabilitation plan shall include the restoration of forest habitat that is continuous with the existing woodland habitat. See the Natural Environment notes and plan view on drawing 3 of 3 for additional information and locations.
     - 5.8.3. The rehabilitation plan shall include the creation of meadow habitat of sufficient size (as shown on the plan view of this drawing) to provide useable habitat for protected grassland birds. See the Natural Environment notes on drawing 3 of 3 for additional information.
   - 5.9. Monarch
     - 5.9.1. Removal of natural vegetation within the cultural meadow communities shall be completed outside of the primary Monarch breeding window (i.e., between Mid-May to October).
     - 5.9.2. Cultural meadow habitat, using a native wildflower mix that includes milkweed species, shall be included as shown on the plan view of this drawing. Native seed mixes that include milkweed species shall also be applied on the berms. See the Natural Environment notes on drawing 3 of 3 for additional information.
   - 5.10. Fish Habitat and Watercourse
     - 5.10.1. Prior to site preparation, permanent sediment and erosion control fencing shall be installed adjacent to the access route in proximity to the watercourse (as shown on the plan view of this drawing) to prevent roadbed materials from entering the tributaries.
     - 5.10.2. Areas adjacent to Tributary 1 between the access road and the channel shall include pre-emptive naturalization with a combination of native trees and shrubs to improve the riparian buffer (see Tributary 1 Planting Area on the plan view of this drawing for the location).
   - 5.11. Other Natural Features and Functions
     - 5.11.1. At pit closure, site rehabilitation shall be required utilizing vegetation species native to the local area in the final rehabilitation plan. Areas adjacent forest communities shall utilize native species that blend with the adjoining vegetation communities.
6. Noise
   - 6.1. The pit shall be limited to the following hours of operation:
     - 6.1.1. Extraction and shipping activities shall be permitted Monday to Saturday between 6:00 am and 7:00 pm.
     - 6.1.2. Processing activities shall be permitted Monday to Saturday between 7:00 am and 7:00 pm.
     - 6.1.3. No operations shall be permitted on Sundays or statutory holidays.
   - 6.2. Prior to commencement of extraction activities within the second phase of the proposed pit, the Licensee shall implement and maintain the following noise berm as follows:

Berm	Height (m)	Length (m)
Phase 2	5	850

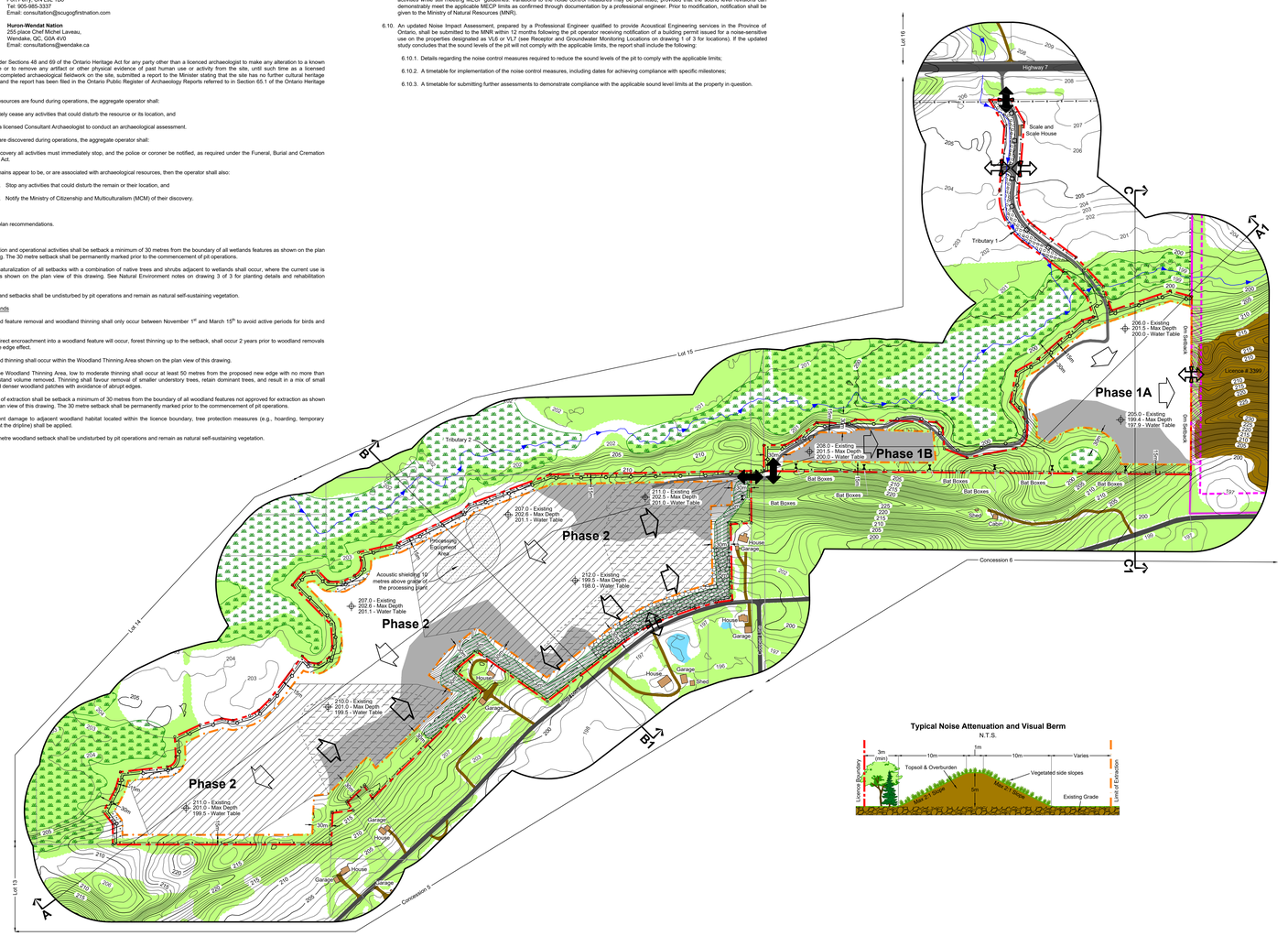
   - 6.3. The berm noted above shall be constructed of any earthen material (i.e. overburden or extracted/processed aggregate materials) and shall be constructed prior to commencement of Phase 2. The location of the berm is depicted in the plan view of this drawing.
   - 6.4. In Phase 2, the processing equipment shall be located in the Processing Equipment Area, as depicted in the plan view of this drawing, and shall have localized acoustical shielding with a height of 10 metres above the pit floor. The acoustical shielding shall be oriented around the east and south sides of the processing equipment and completely break the line-of-sight between the processing equipment and R1, R2, R3, and R4 (see Receptor and Groundwater Monitoring Locations on drawing 1 of 3 for locations). The peak of the shielding shall be located not more than 30-metres away from the processing equipment. The acoustical shielding shall be constructed of any earthen material (i.e. overburden or extracted/processed aggregate materials).
   - 6.5. Loading, shipping, and extraction equipment employed within the Pit shall not be conducted or operated within Noise Control Area 1, as depicted on the plan view of this drawing, during the hours of 6:00 am and 7:00 am. Between the hours of 7:00 am and 7:00 pm, the extraction equipment shall follow the directions of extraction (indicated by arrows) within Noise Control Area 2, as depicted on the plan view of this drawing.
   - 6.6. Extraction shall be conducted with a maximum of one extraction loader, and a maximum of 20 trucks can enter/exit the site for shipping.
   - 6.7. The sound power levels of the equipment employed within the Pit shall not be greater than the limits in the table below:

Source Sound Power Levels [dBA re: 10^{-12} Watts]	
Source Type / Name	*Sound Power Level*
Extraction Front-End Loader (quantity 1)	106
Processing Equipment (crusher, screener, generator, etc.)	119
Highway Trucks (each)	102

   - 6.8. All mobile construction equipment used to prepare for, rehabilitate, or maintain the operations shall produce sound levels which comply with the Ministry of the Environment, Conservation and Parks (MECP) Publication NPC-115.
   - 6.9. It is recognized that advancements of equipment or different configurations may allow additional equipment or equipment to be substituted for certain activities while still meeting MECP guidelines. Variations to the noise control measures may be permitted, provided that the sound level revisions can demonstrably meet the applicable MECP limits as confirmed through documentation by a professional engineer. Prior to modification, notification shall be given to the Ministry of Natural Resources (MNR).
   - 6.10. An updated Noise Impact Assessment, prepared by a Professional Engineer qualified to provide Acoustical Engineering services in the Province of Ontario, shall be submitted to the MNR within 12 months following the pit operator receiving notification of a building permit issued for a noise-sensitive use on the properties designated as VL6 or VL7 (see Receptor and Groundwater Monitoring Locations on drawing 1 of 3 for locations). If the updated study concludes that the sound levels of the pit will not comply with the applicable limits, the report shall include the following:
     - 6.10.1. Details regarding the noise control measures required to reduce the sound levels of the pit to comply with the applicable limits;
     - 6.10.2. A timetable for implementation of the noise control measures, including dates for achieving compliance with specific milestones;
     - 6.10.3. A timetable for submitting further assessments to demonstrate compliance with the applicable sound level limits at the property in question.
7. Traffic
   - 7.1. A westbound left turn lane be installed at the site access on Highway 7 in accordance with the Ministry of Transportation (MTO) guidance.
8. Water Resources
   - 8.1. Water levels shall be collected continuously with automatic water level transducers, with manual measurements collected quarterly for the first two years of operations, and annually afterwards at the following groundwater monitors: BH/MW24-1, BH/MW24-2, BH/MW24-3, BH/MW24-4, BH/MW24-5, BH/MW24-6B, MP1, MP2 and MP3 (see Receptor and Groundwater Monitoring Locations on drawing 1 of 3 for locations).
   - 8.2. Water levels and streamflow shall be collected continuously with automatic water level transducers March through November, collected quarterly for the first two years of operations, and annually afterwards at the following surface water monitors: SW1, SW2, and SW3 (see Receptor and Groundwater Monitoring Locations on drawing 1 of 3 for locations).
   - 8.3. Annual water quality sampling for Metals, alkalinity, pH, conductivity, bicarbonate, major anions, Oil and Grease and Petroleum Hydrocarbons shall be conducted at the following groundwater monitors: BH/MW24-1, BH/MW24-2, BH/MW24-4, BH/MW24-4, BH/MW24-5, and BH/MW24-6B (see Receptor and Groundwater Monitoring Locations on drawing 1 of 3 for locations).
   - 8.4. If a well complaint is received by the licensee, the following actions should be taken by the licensee:
     - 8.4.1. Notify the MNR and MECP.
     - 8.4.2. Ensure a Certified Well Inspector (i.e. licensed water well technician) and/or qualified hydrogeologist visits the site within 24 hours of receiving the complaint to investigate. The Certified Well Inspector and/or hydrogeologist shall complete a well inspection including a review of the pump, well condition, pump depth and condition, etc.
     - 8.4.3. Temporary water supply shall be provided by the licensee to the well owner within 48 hours of receiving the complaint and thereafter until such time as the cause of the disruption has been determined.
     - 8.4.4. If the well complaint cannot be definitively determined to not be a result of the pit operations after the initial site visit, a hydrogeologist shall review the water well inspection report and supporting information, water level data and on-going operations at the pit to provide an assessment of the cause of the complaint. The hydrogeologist shall prepare an opinion letter to be provided to the MNR, MECP, and the complainant as to the likelihood the well complaint is related to the pit operation.
     - 8.4.5. If the well complaint is considered to be a result of the pit operations, the following water supply restoration program shall be initiated at the expense of the licensee to the satisfaction of MECP:
       - 8.4.5.1. Step 1: Well system rehabilitation: this includes the replacement or lowering of pumps, flushing the pump lines, well deepening, etc.
       - 8.4.5.2. Step 2: Well Replacements: if system rehabilitation is not an option, the well could be replaced with a new well further from the pit.
       - 8.4.5.3. Step 3: Water treatment considerations: appropriate water treatment will be incorporated into any restored water supply.
   - 8.5. Refueling of machinery shall not be conducted in areas of excavation within 5 metres of the water table.
   - 8.6. No chemical sprays shall be used in the areas of the excavation.
   - 8.7. Operator training shall include understanding and implementing the preventative measures provided above, in addition to any on-site corporate Spill Contingency Plan.
   - 8.8. Excess soil to be utilized for berm construction and rehabilitation shall be imported to the site in accordance with Ontario Regulation 244/97 under the Aggregate Resources Act.
   - 8.9. Extraction shall remain 1.5 metres above the water table.
9. Maximum Ground Water Table
   - 9.1. The maximum groundwater elevations are depicted on the plan view of this drawing.
   - 9.2. The pit floor shall be 1.5 metres above the maximum groundwater elevations, as depicted by spot elevations on the plan view of this drawing.

Site Plan Acronyms

1. ARA - Aggregate Resources Act
2. CSRS - Canadian Spatial Reference System
3. MASL - Metres Above Mean Sea Level
4. MCM - Ministry of Citizenship and Multiculturalism
5. MECP - Ministry of the Environment, Conservation and Parks
6. MNR - Ministry of Natural Resources
7. MTO - Ministry of Transportation
8. NAD - North American Datum
9. SCA - Species Conservation Act
10. UTM - Universal Transverse Mercator



Typical Noise Attenuation and Visual Berm
N.T.S.

Legal Description

Part of Lot 14, Concession 5 and Part of Lot 15, Concession 6
(former geographic Township of Asphodel)
Township of Asphodel-Norwood
County of Peterborough

Legend

- Licence Boundary
- Limit of Extraction
- Contours with Elevation (Metres above sea level (MASL))
- Public Road
- Internal Haul Road
- Driveway
- Watercourse (RiverStone)
- Disturbed Area
- Water Feature
- Wooded Area
- Wetland
- Woodland Thinning Area
- Monarch Habitat Cultural Meadow
- Pre-emptive Planting Adjacent to Wetlands
- Tributary 1 Planting Area
- Reduced Setback (Area subject to a separate Site Plan Amendment to reduce the setback to 0 metres)
- Existing Licence Boundary
- Existing Limit of Extraction
- 120m Offset From Licence Boundary
- Parcel Fabric
- Fence (1.2m post & wire fence unless otherwise noted)
- Permanent Silt Fence
- Turtle Exclusion Fencing
- Entrance / Exit (Field - Hollow, Operational - Solid)
- Gate
- General Direction of Excavation & Boundary
- Berm (5.0 metres in height)
- Building/Structure
- Noise Control Area 1 (No extraction permitted between 6:00 am and 7:00 am)
- Noise Control Area 2 (Extraction shall follow the directional arrows)
- Acoustical Shielding (10m Berm Shown)
- Spot Elevation (Top - Existing (MASL) / Middle - Maximum Depth of Extraction (MASL) / Bottom - Water Table (MASL))
- Bat Boxes (Cluster of Three Bat Boxes)
- Cross Sections (A1)

Site Plan Amendments

No.	Date	Description	By

Site Plan Revisions (Pre-Licencing)

No.	Date	Description	By

MHBC | PLANNING URBAN DESIGN & LANDSCAPE ARCHITECTURE
113 COLLIER STREET, BARRIE, ON, L4M 1H2 | P: 705.728.0045 | WWW.MHBCPLAN.COM

MNR Approval Stamp

MHBC Stamp

Christopher Poole

Is authorized by the Ministry of Natural Resources pursuant to Subsection 0.2(3)(f) of Ontario Regulation 244/97 to prepare and certify site plans.

Applicant

Drain Bros Excavating Limited

Drain Bros Excavating Limited
2130 8th Line Road North Dummer
Douro-Drummer, Ontario
K0L 2H0

Tel: (705) 639-2301

Project

Highway 7 Pit

3479 Highway 7, Norwood, Ontario, K0L 2V0

MNR Licence Reference No.

Applicant's Signature

Plan Scale: 1:3000 (Arch E)

0 100 200 Meters

Date August 2026

Drawn By C.P.

Checked By E.F.

File No. 21100C

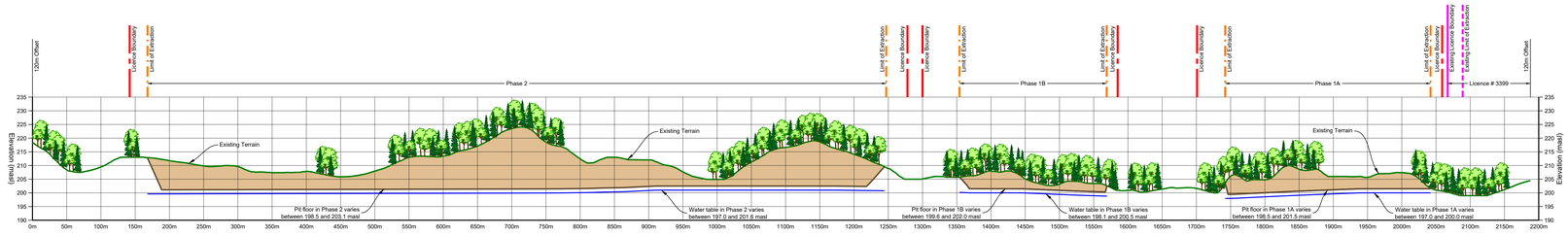
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Operational Plan

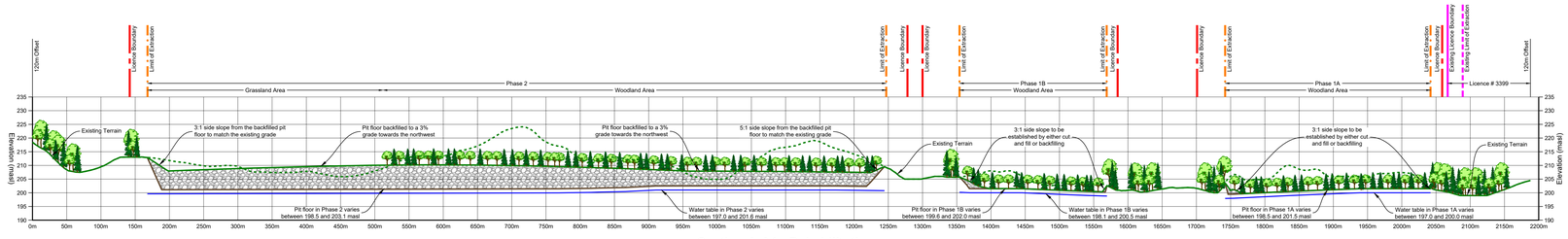
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2 of 3

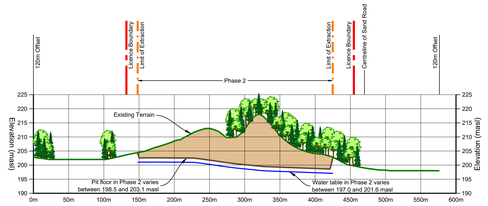
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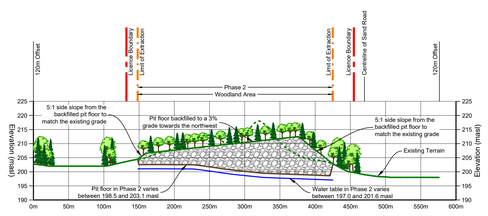
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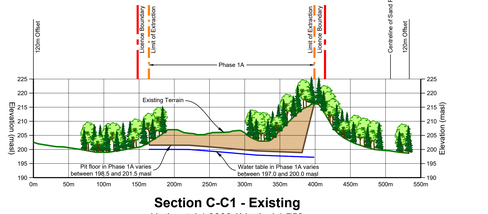
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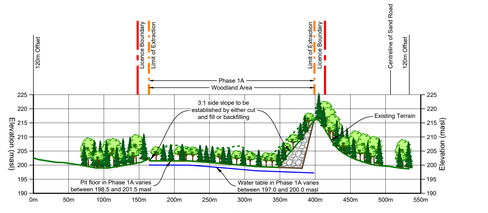
Section B-B1 - Existing
Horizontal 1:3000 / Vertical 1:750



Section B-B1 - Rehabilitation
Horizontal 1:3000 / Vertical 1:750



Section C-C1 - Existing
Horizontal 1:3000 / Vertical 1:750



Section C-C1 - Rehabilitation
Horizontal 1:3000 / Vertical 1:750

PROGRESSIVE REHABILITATION

A. General

1. Internal haul roads are permitted to remain in progressively rehabilitated areas, but shall be removed as part of final rehabilitation, except for the one identified on the plan view of this drawing.

B. Phasing

1. Progressive and final rehabilitation shall be in direct correlation to the development of the pit as the maximum extraction limits and depths are reached and enough area is available to ensure rehabilitation activities will not interfere with the production, stockpiling and processing of aggregate material.
2. Progressive rehabilitation will follow the general direction and sequence of extraction identified on the plan view and described in the notes on drawing 2 of 3.

C. Slopes and Grading

1. In Phase 1, progressive rehabilitation shall consist of backfilling and/or cut and filling the excavation face (see Typical Cut and Fill Side Slope Detail and Typical Backfilled Side Slope Detail on the drawing for additional information) to establish a 3:1 (horizontal : vertical) side slope from existing grade to the final pit floor. If the backfilling method is utilized, the material may consist of on-site topsoil, overburden, non-marketable material and/or excess soil.
2. In Phase 2, progressive rehabilitation shall consist of backfilling the limit of extraction to the elevations, grades and slopes shown on the plan view of this drawing with on-site topsoil, overburden, non-marketable material and/or excess soil.
3. During site restoration when final grades are within 1.0 metre of the existing grade along the limit of extraction where there is potential for runoff off-site, silt fencing shall be installed and maintained until vegetation has been established to prevent erosion off-site.
4. Excess soil, as defined in Ontario Regulation 244/97 (as amended from time to time), may be imported to this site to facilitate the following rehabilitation:
   4.1. To establish the final elevations, grades and slopes depicted on the plan view of this drawing.
   4.2. Top dressing to establish vegetation.
5. Liquid soil, as defined in Ontario Regulation 406/19 (as amended from time to time) under the Environmental Protection Act, is not authorized for importation to the site.
6. The quality of excess soil imported to the site for final placement must be equivalent to or more stringent than the applicable excess soil quality standards as determined in accordance with Ontario Regulation 244/97 (as amended from time to time) and must be consistent with the site conditions and the end use identified in the approved rehabilitation plan.
7. Where a qualified person is retained or required to be retained in accordance with Ontario Regulation 244/97 (as amended from time to time), the quality, storage, and final placement of excess soils shall be done according to the advice of the qualified person.
8. Excess soil imported to facilitate rehabilitation as described on this site plan shall be undertaken in accordance with Ontario Regulation 244/97 under the Aggregate Resources Act (as amended from time to time).
9. The cumulative total amount of excess soil that may be imported to this site for rehabilitation purposes is 1,765,000 m³.

F. Drainage

1. The final surface drainage will follow the rehabilitation contours and directional arrows shown on the plan view of this drawing.

G. Natural Environment

1. Pre-emptive Plantings Adjacent to Wetlands
   1.1. The area identified for Pre-emptive Planting on the plan view of this drawing and on drawing 2 of 3 shall be planted within 5 years of the issuance of the ARA licence in the spring (i.e., May) or fall (i.e., mid-September to early-October) with a mixture of the following tree and shrub species:

   Trees
   - Red Maple (Acer rubrum)
   - Bigtooth Aspen (Populus grandidentata)
   - Trembling Aspen (Populus tremuloides)
   - White Birch (Betula papyrifera)
   - American Basswood (Tilia americana)
   - Balsam Fir (Abies balsmea),
   - Eastern Hemlock (Tsuga canadensis)
   - Eastern White Pine (Pinus Strobus)

   Shrubs / Groundcover
   - Choke Cherry (Prunus virginiana)
   - Red Osier-dogwood (Conus sericea)
   - Staghorn Sumac (Rhus typhina)
   - Smooth Serviceberry (Amelanchier laevis)
   - Common Blackberry (Rubus allegheniensis)
   - Northern Bracken Fern (Pteridium aquilinum var. latiusculum)
   - White Meadow-sweet (Spiraea alba)

   1.2. Within the Pre-emptive Planting Area, the following planting requirements shall be met:
   1.2.1. Trees shall be planted at a density of five (5) trees per 100 m².
   1.2.2. All tree saplings shall be planted 5 metres apart to increase rooting and provide stabilization.
   1.2.3. Trees shall be a minimum of 1.2 metres (~4 feet) in height with a sufficiently developed root ball to sustain planting.
   1.2.4. Shrubs shall be planted at a shrub to tree ratio of 5:1.
   1.2.5. All shrubs shall be installed 1 metre apart.
   1.2.6. All installed shrubs shall consist of potted material at least 30 centimetres tall in 1 to 3 gallon pots.
   1.2.7. Any woody plant root defects (e.g., girdling) shall be corrected prior to installation.
   1.2.8. All woody plants shall be installed such that the root crown/trunk flare is exposed above the soil surface to ensure proper oxygenation of the rooting zone.
   1.2.9. All installed woody plants shall be watered (deep soaking) following installation.
2. Woodland Rehabilitation
   2.1. The area identified as woodland on the plan view of this drawing shall be planted in the spring (i.e., May) or fall (i.e., mid-September to early-October) with a minimum of six (6) of the following tree species:
   - Sugar Maple (Acer saccharum)
   - Northern Red Oak (Quercus rubra)
   - Eastern White Pine (Pinus Strobus)
   - Eastern Hemlock (Tsuga canadensis)
   - Red Maple (Acer rubrum)
   - Bigtooth Aspen (Populus grandidentata)
   - Trembling Aspen (Populus tremuloides)
   - White Birch (Betula papyrifera)
   - American Basswood (Tilia americana),
   - Balsam Fir (Abies balsmea),
   2.2. The location and diversity of the tree species within the woodland area shall be field fitted based on the soil conditions, and topography.
   2.3. A minimum of 15 % of each selected tree species shall be planted overall within the woodland area. Trees shall be a minimum height of 0.45 metres (1.5 feet) tall when planted and shall be planted at a 2 metres spacing to a minimum density of 1,800 to 2,000 seedlings per hectare.
   2.4. Prior to planting, the woodland planting area shall be amended with topsoil/organic soil to be at minimum 0.3 metres deep.
   2.5. Competing vegetation shall be removed yearly until the planted trees have reached 2 metres in height.
   2.6. Monitoring shall occur annually for three (3) years to verify a survival rate of greater than 75% in the woodland plantings. If survival is noted to be less than 75% during the annual monitoring, replacements will be planted in order to ensure a minimum density of 1,200 trees per hectare.
3. Grassland Habitat Naturalization
   3.1. The area identified for grassland on the plan view of this drawing shall be planted with a mix of short and mid height native bunchgrass and diverse wildflowers composed of roughly 20% native grass and 80% forbs to provide appropriate habitat for grassland bird species. The grassland area shall be planted with the following species:
   - Panic Grass Switch Grass (Panicum virgatum)
   - Little Bluestem (Schizachyrium scoparium)
   - Orchard Grass (Dactylis glomerata) Not Native
   - Indian Grass (Sorghastrum nutans)
   - Dropseeds (Sporobolus spp)
   - Sideoats Grama (Bouteloua curtipendula)
   - Purple Coneflower (Echinacea purpurea) Not Native
   - Black-eyed Susan (Rudbeckia hirta)
   - Wild Bergamot (Monarda fistulosa)
   - Gray Goldenrod (Solidago nemoralis)
   - Milkweed species (Asclepias spp.)
   - Bebb's Sedge (Carex bebbii)
4. Monarch Habitat Creation (Cultural Meadow)
   4.1. The area identified for potential Monarch Habitat Cultural Meadow on the plan view of this drawing shall be planted with a native mix of wildflowers and grasses to stabilize soils and provide appropriate habitat for the Monarch Butterfly. These areas shall be maintained as a meadow with mowing and maintenance limited to periodic removal of trees and woody shrubs. The area shall be planted with an Early Succession Mix that includes the following:
   - Black Eyed Susan (Rubeckia hirta)
   - Blue Vervain (Vertena hastata)
   - Canada Anemone (Anemone canadensis)
   - Canada Blue-joint (Calamagrostis canadensis)
   - Canada Goldenrod (Solidago canadensis)
   - Little Bluestem (Schizachyrium scoparium)
   - Common Milkweed (Asclepias syriaca)
   - Fowl Bluegrass (Poa palustris)
   - Meadow/Open Field Sedge (Carex granularis)
   - New England Aster (Symphyotrichum novae-angliae),
   - Path Rush (Juncus tenuis)
   - Purple Stemmed Aster (Symphyotrichum puniceum)
   - Virgins Bower (Clematis virginiana)
   - Wild Bergamot (Monarda fistulosa)
5. Tributary 1 Naturalization
   5.1. The area identified as Tributary 1 Planting on the plan view of this drawing and drawing 2 of 3 shall be planted within 5 years of the issuance of the ARA license in the spring (i.e., May) or fall (i.e., mid-September to early-October) with a mixture of the following tree and shrub species:

   Trees
   - Red Maple - Acer rubrum
   - Bigtooth Aspen (Populus grandidentata)
   - Trembling Aspen (Populus tremuloides)
   - White Birch (Betula papyrifera)
   - American Basswood (Tilia americana),
   - Balsam Fir, (Abies balsmea),
   - Eastern Hemlock (Tsuga canadensis)
   - Eastern White Pine (Pinus Strobus)

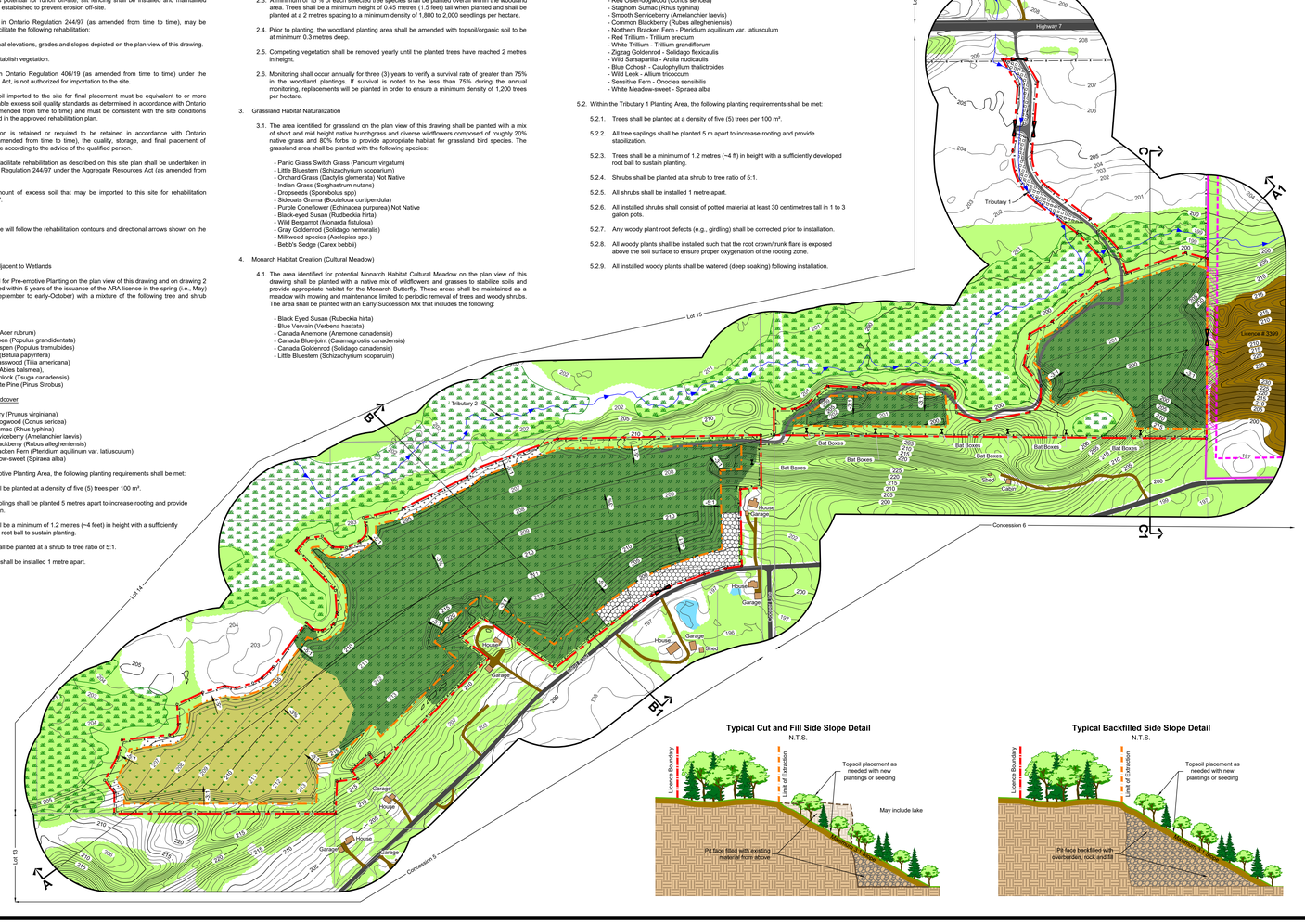
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   - Choke Cherry (Prunus virginiana)
   - Red Osier-dogwood (Conus sericea)
   - Staghorn Sumac (Rhus typhina)
   - Smooth Serviceberry (Amelanchier laevis)
   - Common Blackberry (Rubus allegheniensis)
   - Northern Bracken Fern - Pteridium aquilinum var. latiusculum
   - Red Trillium - Trillium erectum
   - White Trillium - Trillium grandiflorum
   - Zigzag Goldenrod - Solidago flexicaulis
   - Wild Sarsaparilla - Aralia nudicaulis
   - Blue Cohosh - Caulophylum thalictroides
   - Wild Leek - Allium tricoccum
   - Sensitive Fern - Onoclea sensibilis
   - White Meadow-sweet - Spiraea alba

   5.2. Within the Tributary 1 Planting Area, the following planting requirements shall be met:
   5.2.1. Trees shall be planted at a density of five (5) trees per 100 m².
   5.2.2. All tree saplings shall be planted 5 m apart to increase rooting and provide stabilization.
   5.2.3. Trees shall be a minimum of 1.2 metres (~4 ft) in height with a sufficiently developed root ball to sustain planting.
   5.2.4. Shrubs shall be planted at a shrub to tree ratio of 5:1.
   5.2.5. All shrubs shall be installed 1 metre apart.
   5.2.6. All installed shrubs shall consist of potted material at least 30 centimetres tall in 1 to 3 gallon pots.
   5.2.7. Any woody plant root defects (e.g., girdling) shall be corrected prior to installation.
   5.2.8. All woody plants shall be installed such that the root crown/trunk flare is exposed above the soil surface to ensure proper oxygenation of the rooting zone.
   5.2.9. All installed woody plants shall be watered (deep soaking) following installation.

FINAL REHABILITATION

H. General

1. All equipment shall be removed from the site.
2. No buildings or structures shall remain.
3. Only the haul road shown on the plan view of this drawing may remain as part of final rehabilitation.
4. The anticipated final end-use is naturalized grasslands and woodlands.



Typical Cut and Fill Side Slope Detail
N.T.S.

Typical Backfilled Side Slope Detail
N.T.S.

Site Plan Acronyms

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Legal Description

Part of Lot 14, Concession 5 and Part of Lot 15, Concession 6
(former geographic Township of Asphodel)
Township of Asphodel-Norwood
County of Peterborough

Legend

- Licence Boundary
- Limit of Extraction
- Contours with Elevation (Metres above sea level (MASL))
- Public Road
- Internal Haul Road
- Driveway
- Watercourse (RiverStone)
- Disturbed Area
- Water Feature
- Wooded Area
- Wetland
- Monarch Habitat Cultural Meadow
- Pre-emptive Planting Adjacent to Wetlands
- Tributary 1 Planting Area
- Existing Licence Boundary
- Existing Limit of Extraction
- 120m Offset From Licence Boundary
- Parcel Fabric
- Fence (1.2m post & wire fence unless otherwise noted)
- Gate
- Building/Structure
- Proposed Final Grade
- Proposed Final Slope (Horizontal : Vertical)
- Grassland
- Woodland
- Reduced Setback (Area subject to a separate Site Plan Amendment to reduce the setback to 0 metres)
- Cross Sections (A1)

Legend - Cross Sections

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

Site Plan Amendments

No.	Date	Description	By

Site Plan Revisions (Pre-Licencing)

No.	Date	Description	By

MHBC PLANNING URBAN DESIGN & LANDSCAPE ARCHITECTURE
113 COLLIER STREET, BARRIE, ON, L4M 1H2 | P: 705.728.0045 | WWW.MHBCPLAN.COM

MNR Approval Stamp

MHBC Stamp
Christopher Poole
Is authorized by the Ministry of Natural Resources pursuant to Subsection 0.2(3)(f) of Ontario Regulation 244/97 to prepare and certify site plans.

Applicant

Drain Bros Excavating Limited
2130 8th Line Road North Dummer
Douro-Drummer, Ontario
K0L 2H0
Tel: (705) 639-2301

Project

Highway 7 Pit

3479 Highway 7, Norwood, Ontario, K0L 2V0

MNR Licence Reference No.	**Applicant's Signature**
Plan Scale: 1:3000 (Arch E)	**Date** August 2026
0 100 200 Meters	**Drawn By** C.P.
	Checked By E.F.
	File No. 21100C

Drawing Name
Rehabilitation Plan & Cross Sections

Drawing No.
3 of 3

File Path B:\Brian\21100C Drain Brothers - Highway 7 Pit\Drawings\Site Plan\CAD\21100C - Site Plan.dwg