Related File Number Pre-consultation Meeting Application Submitted Complete Application				
Check the type of planning appl Official Plan Amendment Zoning By-Law Amendment Temporary Use By-law Draft Plan of Subdivision/Va Condominium Exemption Site Plan Application Consent/Severance Minor Variance Easement/Right-of-Way Extension of a Temporary U Part Lot Control	cant Land Condominium			
Cash-in-Lieu of Parking	D. F. O			
Please explain the desired end result of this application (for example: a special zoning provision on the subject lands, changing the zone and/or official plan designation of the subject lands, creating a certain number of lots, or similar) Proposed Zoning By-law Amendment is to permit below water aggregate extraction where above water aggregate extraction is currently permitted.				
Property Assessment Roll Numb				

ZNPL 2019253 Public Notice Sign



For Office Use Only:

File Number

A. Applicant Information			
Name of Owner	Livingston Excavating and Trucking Inc. c/o Gerald Livingston		
It is the responsibility of the owner or applicant to notify the planner of any changes in ownership within 30 days of such a change.			
Address	638 Norfolk Street South		
Town and Postal Code	Simcoe, Ontario N3Y 4K1		
Phone Number	519-426-6810		
Cell Number			
Email	Livingston@kwic.com		
Name of Applicant	Same as owner		
Address			
Town and Postal Code			
Phone Number			

Name of Agent	MHBC c/o Brian Zeman
Address	113 Collier Street
Town and Postal Code	Barrie, Ontario L4M 1H2
Phone Number	705-728-0045 ext 226
Cell Number	
Email	bzeman@mhbcplan.com

Please specify to whom all communications should be sent. Unless otherwise directed, all correspondence and notices in respect of this application will be forwarded to the agent noted above.

Owner

Cell Number

Email





Names and addresses of any holder of any mortgagees, charges or other encumbrances on the subject lands: RRC



B. Location, Legal Description and Property Information

1. Legal Description (include Geographic Township, Concession Number, Lot Number, Block Number and Urban Area or Hamlet):

Part of Lots 5 & 6, Geographic Township of Windham (Delhi), Former Town of Simcoe, County of Norfolk

	Municipal Civic Address	259 Wind	ham East Quarter Line Road
	Present Official Plan De	signation(s):	Agriculture & Hazard Lands
	Present Zoning: Agricu	ılture (A) Spe	ecial Provision 14.871 & Hazard Lands (HL)
2.	Is there a special provis	on or site spe	ecific zone on the subject lands?
	Yes No If yes, p	ease specify:	
	Agriculture (A) Special Prov	rision 14.871	
3.	Present use of the subje	ct lands:	

Licensed as a Class B gravel pit and active agriculture.

4. Please describe all existing buildings or structures on the subject lands and whether they are to be retained, demolished or removed. If retaining the buildings or structures, please describe the type of buildings or structures, and illustrate the setback, in metric units, from front, rear and side lot lines, ground floor area, gross floor area, lot coverage, number of storeys, width, length, and height on your attached sketch which must be included with your application:

See enclosed ARA site plans.

5. If an addition to an existing building is being proposed, please explain what it will be used for (for example: bedroom, kitchen, or bathroom). If new fixtures are proposed, please describe.

See enclosed ARA site plans.

6. Please describe all proposed buildings or structures/additions on the subject lands. Describe the type of buildings or structures/additions, and illustrate the setback, in metric units, from front, rear and side lot lines, ground floor area, gross floor area, lot coverage, number of storeys, width, length, and height on your attached sketch which must be included with your application:

See enclosed ARA site plans.



7.	Are any existing buildings on the subject lands designated under the <i>Ontario</i> Heritage Act as being architecturally and/or historically significant? Yes No
	If yes, identify and provide details of the building: N/A
9.	If known, the length of time the existing uses have continued on the subject lands: Agriculture- unknown and Class B gravel pit- 2015 Existing use of abutting properties: Agriculture, rural residential and mineral aggregate extraction. Are there any existing easements or restrictive covenants affecting the subject lands? Yes No If yes, describe the easement or restrictive covenant and its effect:
	Easement along Fourteenth Street West for Bell.
No	te: Please complete all that apply.
1.	Please explain what you propose to do on the subject lands/premises which makes this development application necessary: Below water aggregate extraction.
2.	Please explain why it is not possible to comply with the provision(s) of the Zoning By-law/and or Official Plan:
	Below water aggregate extraction is not permitted in the Agricultural zone.
3.	Does the requested amendment alter all or any part of the boundary of an area of settlement in the municipality or implement a new area of settlement in the municipality? Yes No If yes, describe its effect: N/A
4.	Does the requested amendment remove the subject land from an area of employment? Yes No If yes, describe its effect:
	N/A



5.		ed amendment alter, replace, or delete a policy of the Official Plan? es, identify the policy, and also include a proposed text of the
		t (if additional space is required, please attach a separate sheet):
6.	Description of land Frontage:	d intended to be severed in metric units: N/A severance is not proposed.
	Depth:	
	Width:	
	Lot Area:	
	Present Use:	
	Proposed Use:	
	Proposed final lot	size (if boundary adjustment):
	If a boundary adju	stment, identify the assessment roll number and property owner of
		the parcel will be added:
	Description of land Frontage:	d intended to be retained in metric units:
	Depth:	
	Width:	
	Lot Area:	
	Present Use:	
	Proposed Use:	
	Buildings on retain	ned land:
7.	Description of prop	Dosed right-of-way/easement: N/A right-of-way or easement is not proposed.
	Depth:	
	Width:	
	Area:	
	Proposed use:	
8.) if known to whom lands or interest in lands to be transferred
o.	leased or charged), if known, to whom lands or interest in lands to be transferred, (if known):
	T C 11	Paying April 2010



9. Site Information	Existing	Proposed
Please indicate unit of measurem	ent, for example: m, m² or %)
Lot frontage	See enclosed ARA site plans	
Lot depth		
Lot width		
Lot area		
Lot coverage		
Front yard		
Rear yard		
Left Interior side yard		
Right Interior side yard		
Exterior side yard (corner lot)		
Landscaped open space		
Entrance access width		
Exit access width		
Size of fencing or screening		TOTAL
Type of fencing		
10.Building Size		
Number of storeys	See enclosed ARA site plans	
Building height		
Total ground floor area		
Total gross floor area		
Total useable floor area		
11.Off Street Parking and Loading	g Facilities	
Number of off street parking space	See enclosed ARA site plans	
Number of visitor parking spaces		
Number of accessible parking spa	ces	
Number of off street loading facilit	es	



12. Residential (if applicable)			
Number of buildings existing:	N/A		
Number of buildings proposed:			
Is this a conversion or addition t	o an existing building?	Yes ONo	
If yes, describe:			
Туре	Number of Units	Floor Area per Unit in m ²	
Single Detached			
Semi-Detached			
Duplex			
Triplex			
Four-plex			
Street Townhouse			
Stacked Townhouse			
Apartment - Bachelor			
Apartment - One bedroom			
Apartment - Two bedroom			
Apartment - Three bedroom			
Other facilities provided (for exa or swimming pool):	mple: play facilities, under		
13. Commercial/Industrial Uses ((if applicable)		
Number of buildings existing:	N/A		
Number of buildings proposed:	Scale house to be removed as part of final rehabilitation		
ls this a conversion or addition to	o an existing building?	Yes No	
If yes, describe: N/A			
Indicate the gross floor area by t	he type of use (for examp	le: office, retail, storage):	

Indicate the gross floor area by the type of use (for example: office, retail, storage): Scale house to be less than 10 m2 (108 sq.ft).



Seating Capacity (for assembly halls or simila	r): <u>N/A</u>
Total number of fixed seats:	N/A
Describe the type of business(es) proposed:	Aggregate extraction operation
Total number of staff proposed initially:	5-6
Total number of staff proposed in five years:	5-6
Maximum number of staff on the largest shift:	5-6
Is open storage required: Yes No	
Is a residential use proposed as part of, or acc	cessory to commercial/industrial use?
Yes No If yes please describe:	
14. Institutional (if applicable)	
Describe the type of use proposed:	N/A
Seating capacity (if applicable):	
Number of beds (if applicable):	
Total number of staff proposed initially:	
Total number of staff proposed in five years:	
Maximum number of staff on the largest shift:	
Indicate the gross floor area by the type of use	e (for example: office, retail, or storage):
N/A	
15. Describe Recreational or Other Use(s) (if a	pplicable)
N/A	



D.	Previous Use of the Property
1.	Has there been an industrial or commercial use on the subject lands or adjacent lands? One of the subject lands or adjacent lands? One of the subject lands or adjacent lands?
	If yes, specify the uses (for example: gas station or petroleum storage):
	Licensed aggregate operation at the adjacent property to the east.
2.	Is there reason to believe the subject lands may have been contaminated by former uses on the site or adjacent sites? Yes No Unknown
3.	Provide the information you used to determine the answers to the above questions: Owner information.
4.	If you answered yes to any of the above questions in Section D, a previous use inventory showing all known former uses of the subject lands, or if appropriate, the adjacent lands, is needed. Is the previous use inventory attached? Yes No
E.	Provincial Policy
	Provincial Policy Is the requested amendment consistent with the provincial policy statements issued under subsection 3(1) of the <i>Planning Act, R.S.O. 1990, c. P. 13</i> ? •Yes No
	Is the requested amendment consistent with the provincial policy statements issued
	Is the requested amendment consistent with the provincial policy statements issued under subsection 3(1) of the <i>Planning Act, R.S.O. 1990, c. P. 13?</i> •Yes No
1.	Is the requested amendment consistent with the provincial policy statements issued under subsection 3(1) of the <i>Planning Act, R.S.O. 1990, c. P. 13?</i> Yes No If no, please explain:
1.	Is the requested amendment consistent with the provincial policy statements issued under subsection 3(1) of the <i>Planning Act, R.S.O. 1990, c. P. 13?</i> Yes No If no, please explain: Yes, please see enclosed Planning Justification Report. It is owner's responsibility to be aware of and comply with all relevant federal or provincial legislation, municipal by-laws or other agency approvals, including the Endangered Species Act, 2007. Have the subject lands been screened to ensure that development or site alteration will not have any impact on the habitat for endangered or threatened species further to the provincial policy statement



3.	Have the subject lands been screened to ensure that development or site alteration will not have any impact on source water protection? Yes No	
	If no, please explain:	
	Yes, please see enclosed Hydrogeology/ Hydrology Report.	
	Note: If in an area of source water Wellhead Protection Area (WHPA) A, B or C please attach relevant information and approved mitigation measures from the Risk Manager Official.	
4.	Are any of the following uses or features on the subject lands or within 500 metres of the subject lands, unless otherwise specified? Please check boxes, if applicable.	
	Livestock facility or stockyard (submit MDS Calculation with application)	
	On the subject lands or within 500 meters – distance	
	Wooded area	
	Municipal Landfill	
	On the subject lands or within 500 meters – distance	
	Sewage treatment plant or waste stabilization plant	
	On the subject lands orwithin 500 meters – distance	
	Provincially significant wetland (class 1, 2 or 3) or other environmental feature	
	On the subject lands orwithin 500 meters – distance	
	Floodplain	
	On the subject lands orwithin 500 meters – distance	
	Rehabilitated mine site	
	On the subject lands orwithin 500 meters – distance	
	Non-operating mine site within one kilometre	
	On the subject lands orwithin 500 meters – distance	
	Active mine site within one kilometre	
	On the subject lands orwithin 500 meters – distance	
	Industrial or commercial use (specify the use(s)) On the subject lands or ✓ within 500 meters – distance	
	Active railway line	
I	On the subject lands or within 500 meters – distance	
ı	Seasonal wetness of lands	
	On the subject lands orwithin 500 metersdistanceMNRF believes the	
ı	Fresion abandoned gas we	
	On the subject lands or within 500 meters distance	
ı	Abandoned das wells — Inunicipal road	
	On the subject lands or Avithin 500 meters distance UNKNOWN Jallowance for	
-	Quarterline Road.	



ь.	Servicing and Access	
1.	Indicate what services are available or proposed: Water Supply Municipal piped water Individual wells Drilled well	Communal wells Other (describe below)
	Sewage Treatment	
	Municipal sewers Septic tank and tile bed in good working order	Communal system Other (describe below)
	N/A	
	Storm Drainage Storm sewers Other (describe below)	Open ditches
	Future conditions: site will be grade to capture su	rface water on-site.
2.	Existing or proposed access to subject lands:	
	Municipal road	Provincial highway
	O Unopened road	Other (describe below)
	Name of road/street:	
G.	Other Information	
1.	Does the application involve a local business? If yes, how many people are employed on the sub	
2	le there any other information that you think may h	and the services of the
۷.	Is there any other information that you think may be application? If so, explain below or attach on a se	
	Please see enclosed application package.	



H. Supporting Material to be submitted by Applicant

In order for your application to be considered complete, **folded** hard copies (number of paper copies as directed by the planner) and an **electronic version (PDF) of the properly named site plan drawings, additional plans, studies and reports** will be required, including but not limited to the following details:

- 1. Concept/Layout Plan
- 2. All measurements in metric
- 3. Key map
- 4. Scale, legend and north arrow
- 5. Legal description and municipal address
- 6. Development name
- 7. Drawing title, number, original date and revision dates
- 8. Owner's name, address and telephone number
- 9. Engineer's name, address and telephone number
- 10. Professional engineer's stamp
- 11. Existing and proposed easements and right of ways
- 12. Zoning compliance table required versus proposed
- 13. Parking space totals required and proposed
- 14. All entrances to parking areas marked with directional arrows
- 15. Loading spaces, facilities and routes (for commercial developments)
- 16. All dimensions of the subject lands
- 17. Dimensions and setbacks of all buildings and structures
- 18. Location and setbacks of septic system and well from all existing and proposed lot lines, and all existing and proposed structures
- 19. Gross, ground and useable floor area
- 20. Lot coverage
- 21. Floor area ratio
- 22. Building entrances, building type, height, grades and extent of overhangs
- 23. Names, dimensions and location of adjacent streets including daylighting triangles
- 24. Driveways, curbs, drop curbs, pavement markings, widths, radii and traffic directional signs
- 25. All exterior stairways and ramps with dimensions and setbacks
- 26. Retaining walls including materials proposed
- 27. Fire access and routes
- 28. Location, dimensions and number of parking spaces (including visitor and accessible) and drive aisles
- 29. Location of mechanical room, and other building services (e.g. A/C, HRV)
- 30. Refuse disposal and storage areas including any related screening (if indoors, need notation on site plan)
- 31. Winter snow storage location



- 32. Landscape areas with dimensions
- 33. Natural features, watercourses and trees
- 34. Fire hydrants and utilities location
- 35. Fencing, screening and buffering size, type and location
- 36. All hard surface materials
- 37. Light standards and wall mounted lights (plus a note on the site plan that all outdoor lighting is to be dark sky compliant)
- 38. Business signs (make sure they are not in sight lines)
- 39. Sidewalks and walkways with dimensions
- 40. Pedestrian access routes into site and around site
- 41. Bicycle parking
- 42. Architectural elevations of all building sides
- 43. All other requirements as per the pre-consultation meeting

addition, the following additional plans, studies and reports, including but not limited may also be required as part of the complete application submission:
Zoning Deficiency Form
On-Site Sewage Disposal System Evaluation Form (to verify location and condition)
Architectural Plan
Buildings Elevation Plan
Cut and Fill Plan
Erosion and Sediment Control Plan
Grading and Drainage Control Plan (around perimeter and within site) (existing and proposed)
Landscape Plan
Photometric (Lighting) Plan
Plan and Profile Drawings
Site Servicing Plan
Storm water Management Plan
Street Sign and Traffic Plan
Street Tree Planting Plan
Tree Preservation Plan
Archaeological Assessment
Environmental Impact Study



	Geotechnical Study / Hydrogeological Review
	Minimum Distance Separation Schedule
	Noise or Vibration Study
	Record of Site Condition
	Storm water Management Report
	Traffic Impact Study – please contact the Planner to verify the scope required
Sit	 e Plan applications will require the following supporting materials: Two (2) complete sets of the site plan drawings folded to 8½ x 11 and an electronic version in PDF format Letter requesting that the Holding be removed (if applicable) A cost estimate prepared by the applicant's engineer An estimate for Parkland dedication by a certified land appraiser Property Identification Number (PIN) printout
Sta	andard condominium exemptions will require the following supporting materials:
	Plan of standard condominium (2 paper copies and 1 electronic copy)
	Draft condominium declaration
	Property Identification Number (PIN) printout

Your development approval might also be dependent on Ministry of Environment and Climate Change, Ministry of Transportation or other relevant federal or provincial legislation, municipal by-laws or other agency approvals.

All final plans must include the owner's signature as well as the engineer's signature and seal.

I. Development Agreements

A development agreement may be required prior to approval for site plan, subdivision and condominium applications. Should this be necessary for your development, you will be contacted by the agreement administrator with further details of the requirements including but not limited to insurance coverage, professional liability for your engineer, additional fees and securities.



J. Transfers, Easements and Postponement of Interest

The owner acknowledges and agrees that if required it is their solicitor's responsibility on behalf of the owner for the registration of all transfer(s) of land to the County, and/or transfer(s) of easement in favour of the County and/or utilities. Also, the owner further acknowledges and agrees that it is their solicitor's responsibility on behalf of the owner for the registration of postponements of any charges in favour of the County.

K. Permission to Enter Subject Lands

Permission is hereby granted to Norfolk County officers, employees or agents, to enter the premises subject to this application for the purposes of making inspections associated with this application, during normal and reasonable working hours.

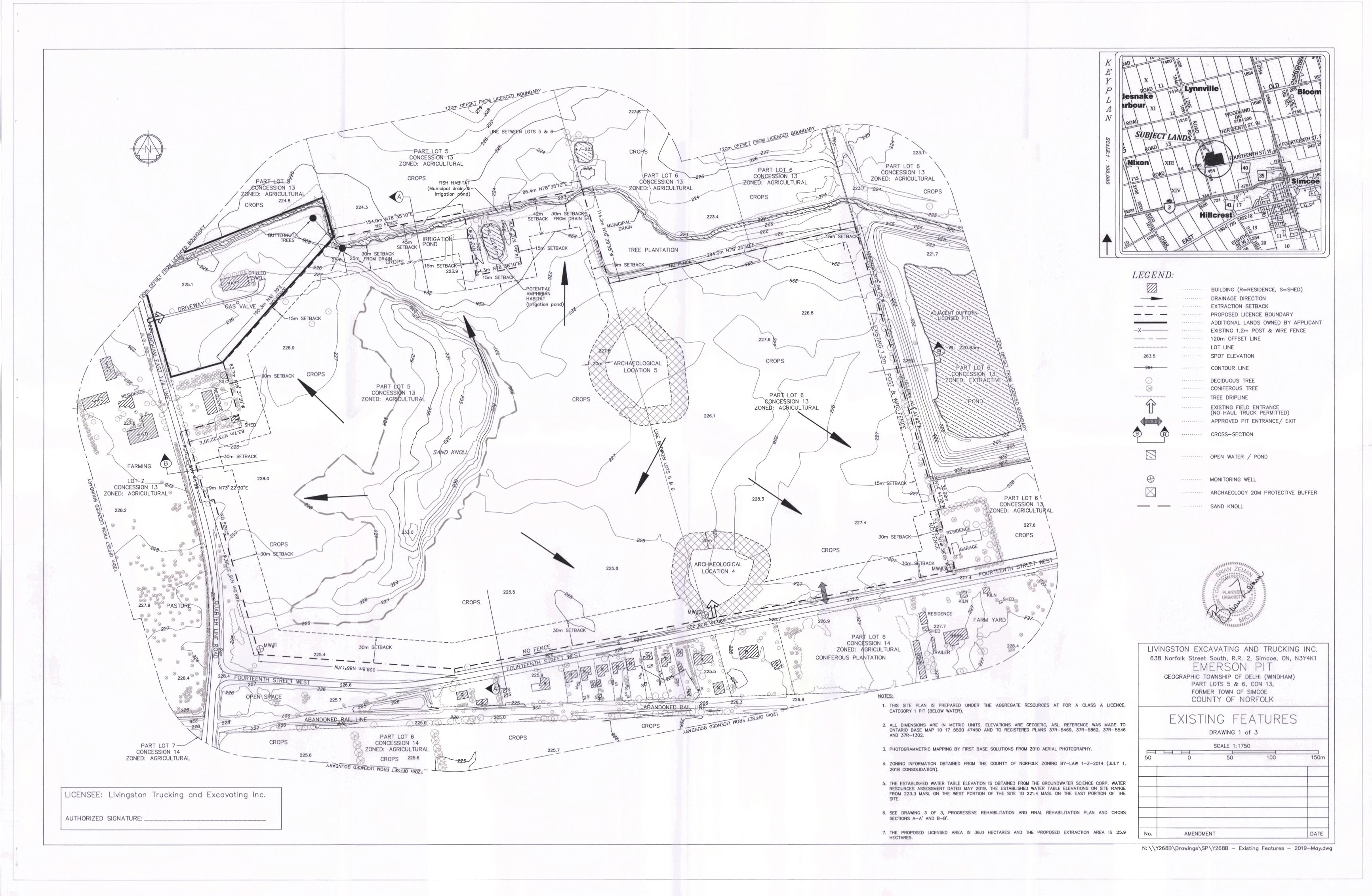
L. Freedom of Information	
For the purposes of the <i>Municipal Freedom of Information</i> I authorize and consent to the use by or the disclosinformation that is collected under the authority of the street of the purposes of processing this application.	ure to any person or public body any
Owner/Applicant Signature	Date
M. Owner's Authorization	
If the applicant/agent is not the registered owner of application, the owner(s) must complete the authori	
I/We Livingston Excavating and Trucking Inc. am/a	are the registered owner(s) of the
lands that is the subject of this application.	
I/We authorize MHBC c/o Brian Zeman	to make this application on
my/our behalf and to provide any of my/our persona processing of this application. Moreover, this shall l authorization for so doing.	•
Great Sulph	May 31, 2019
Owner	Date
Owner	Date

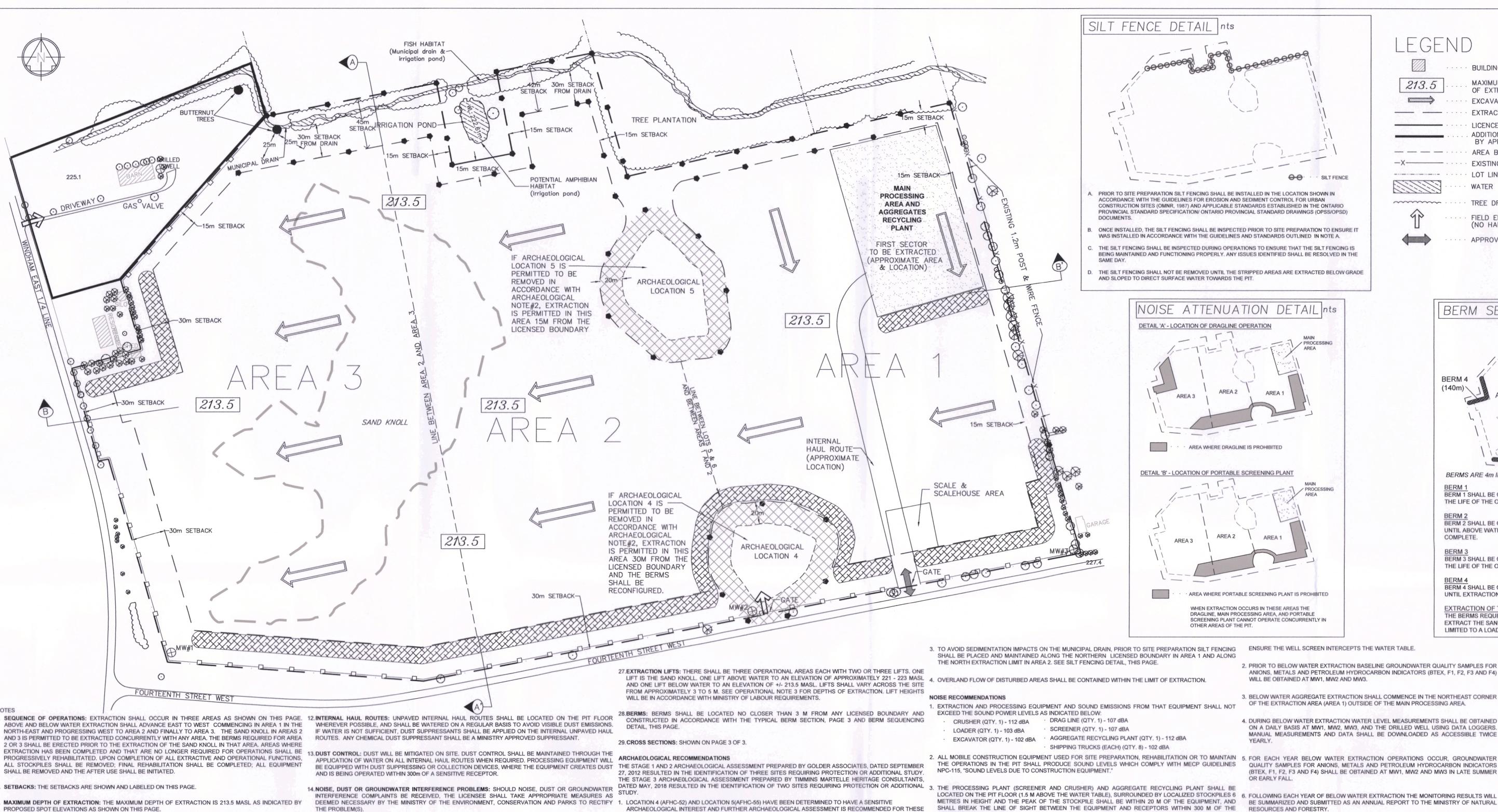


N. Declaration _{I,} Gerald Livingston	_of	Simcoe
solemnly declare that:		
all of the above statements and the statements are true and I make to believing it to be true and knowing that it is under oath and by virtue of <i>The Canada E</i>	his s of	solemn declaration conscientiously fthe same force and effect as if made
Declared before me at: Simcoc, Ontario		Quald Filiph
In		Owner/Applicant Signatur ∉ /
This 31 day of May		
A.D., 20 <u>19</u>		
A Commissioner, etc.		

Michele Jane Roberts, a Commissioner, etc. Province of Ontario, for MacLeod Hosack Nunn Pereira Kinkel LLP, Barristers and Solicitors. Expires January 20, 2021.







GROUNDWATER ELEVATION: THE ESTABLISHED GROUNDWATER ELEVATION ON-SITE RANGES FROM 223.3 15.DEWATERING! NO DEWATERING OR PUMPING TO ARTIFICIALLY LOWER THE WATER LEVELS SHALL TAKE PLACE ON THIS SITE. AGGREGATE WASHING SHALL ONLY BE PERMITTED IF A PERMIT TO TAKE WATER FROM THE MINISTRY OF THE ENVIRONMENT, CONSERVATION AND PARKS (MECP) HAS BEEN SIDE SLOPES: FINAL SIDE SLOPES SHALL BE NO STEEPER THAN 3 (HORIZONTAL) TO 1 (VERTICAL) AND WHERE ABOVE WATER SHALL BE SPREAD WITH A MINIMUM OF 0.15 M (6 INCHES) OF TOPSOIL AND SHALL BE

MASL ON THE WEST PORTION OF THE SITE TO 221.4 MASL ON THE EAST PORTION OF THE SITE.

ENTRANCE WILL REMAIN AND A GATE SHALL BE INSTALLED. HAUL TRUCKS ARE NOT PERMITTED TO USE THE

FENCING: THE WEST, EAST AND SOUTH LICENSED BOUNDARY IS PROPOSED TO BE FENCED OR

CONSTRUCTION FENCING SUPPORTED BY T-BAR POSTS AND HIGH TENSILE WIRE SHALL BE MAINTAINED

ALONG THE WEST, EAST AND SOUTH BOUNDARY OF EACH EXTRACTION AREA AS OPERATIONS AND

REHABILITATION PROGRESS. THE UNFENCED PORTION OF THE NORTHERN LICENSED BOUNDARY SHALL BE

MARKED PRIOR TO THE COMMENCEMENT OF ANY OPERATIONS WITH HIGHLY VISIBLE MARKER POSTS.

AND STORED IN THE SETBACK AREAS AS BERMS WHERE SHOWN OR IN STOCKPILES WITHIN THE

METRES IN HEIGHT, GRADED TO STABLE SLOPES AND SEEDED TO PREVENT EROSION, SEE TYPICAL BERM

SECTION, PAGE 3. ALL TOPSOIL STRIPPED IN THE OPERATION OF THIS SITE SHALL BE USED IN THE

REHABILITATION OF THIS SITE SURPLUS TOPSOIL MAY BE REMOVED OFF-SITE PROVIDED THERE IS

SUFFICIENT TOPSOIL FOR REHABILITATION SIDE SLOPING AND BERM CONSTRUCTION. (SEE OPERATIONAL

OF THE LICENSED BOUNDARIES OR 30 M OF THE MUNICIPAL DRAIN LOCATED TO THE NORTH OF THE

EXCAVATORS, SHIPPING TRUCKS, DRAG LINE, AGGREGATE RECYCLING PLANT AND PORTABLE SCREENING

PLANT. NO PROCESSING EQUIPMENT SHALL BE PARKED, STORED OR INSTALLED WITHIN 90 M OF A

EASTERN LICENSED BOUNDARY ADJACENT TO ARA LICENCE # 3183 (SEE OVERRIDE 5.13.1). SEE NOISE

RECOMMENDATIONS (THIS PAGE) FOR FURTHER DETAILS ON THE EQUIPMENT LIMITATIONS FOR NOISE

DAMAGED ON BERMS OR IN AREAS THAT HAVE BEEN REHABILITATED SHALL BE RESTORED.

DETAILS ON THE REQUIRED LOCATION OF STOCKPILES FOR NOISE ATTENUATION.

FROM 5:1 TO 3:1 ALONG THE POND SHORELINE TO ENHANCE SHORELINE DIVERSITY

APART. (SEE OPERATIONAL OVERRIDE 5.1).

OVERRIDE 5.16)

ATTENUATION.

SEEDED WITH A GRASS-LEGUME MIXTURE SUCH AS BROME GRASS AND WHITE CLOVER. SLOPES MAY VARY 16. SCRAP STORAGE: SCRAP SHALL BE STORED WITHIN THE EXTRACTION LIMIT OF EACH AREA. THE SCRAP SHALL BE CONSOLIDATED WITHIN ONE LOCATION IN EACH AREA AND REMOVED ON AN ON-GOING BASIS. A TEMPORARY TREE AND/OR STUMP SCRAP AREA SHALL BE PERMITTED. ENTRANCE/ EXIT/ GATE: A GATE SHALL BE INSTALLED AT THE ENTRANCE/EXIT ALONG FOURTEENTH STREET

WEST AND SHALL BE CLOSED AND LOCKED WHEN THE PIT IS NOT OPERATING. THE EXISTING FIELD 17. RECYCLING CONCRETE AND ASPHALT: THE RECYCLING OF CONCRETE AND ASPHALT SHALL ONLY OCCUR WITHIN THE MAIN PROCESSING AREA SHOWN IN AREA 1. RECYCLED ASPHALT SHALL BE STORED A MINIMUM OF 2M ABOVE THE WATER TABLE AND 30M FROM ANY WATER BODY OR MAN-MADE POND, REBAR OR STRUCTURAL METAL SHALL BE REMOVED FROM THE RECYCLED MATERIAL DURING PROCESSING AND PLACED IN A DESIGNATED SCRAP PILE ON-SITE AND SHALL BE REMOVED ON AN ON-GOING BASIS. REMOVAL OF RECYCLED AGGREGATE IS TO BE ON-GOING AND THE IMPORTATION OF RECYCLED MATERIALS SHALL CEASE WHEN THE SITE IS DEPLETED. ALL CONCRETE AND ASPHALT RECYCLING SHALL CEASE ONCE FINAL REHABILITATION IS COMPLETED AND APPROVED IN ACCORDANCE WITH THE SITE PLAN.

MINIMUM HEIGHT 1.2 M. PLACED AT CORNERS AND AT INTERVISIBLE INTERVALS, NOT TO EXCEED 50 M 18. AGGREGATE IMPORTATION: OFF-SITE AGGREGATE MAY BE IMPORTED FOR BLENDING AND/OR

. TOPSOIL/ OVERBURDEN STORAGE: TOPSOIL, SUBSOIL AND OVERBURDEN SHALL BE SEPARATELY STRIPPED 19. FUEL STORAGE: THERE SHALL BE NO FUEL STORED ON SITE. FUELING SHALL OCCUR FROM FUEL TRUCKS.

ENTRANCE ON THE SOUTH BOUNDARY. 21.DRAINAGE: SURFACE DRAINAGE DURING OPERATIONS SHALL BE INITIALLY BE BY PERCOLATION INTO THE

TOWARDS THE POND AS SHOWN ON THE REHABILITATION PLAN.

VEGETATION: VEGETATION (GRASSES AND OATES AND/OR LEGUME SPECIES) SHALL BE MAINTAINED ON ALL 22.HOURS OF OPERATION: THE HOURS OF OPERATION FOR THIS SITE SHALL BE FROM 7AM TO 6PM MONDAY TOPSOIL BERMS. STOCKPILES AND REHABILITATED AREAS. VEGETATION THAT DIES OR IS OTHERWISE TO SATURDAY. WINTER SAND DELIVERY IS PERMITTED 24/7 DURING THE WINTER SEASON.

0. STOCKPILES: NO STOCKPILES OF AGGREGATE OR STRIPPED MATERIALS SHALL BE LOCATED WITHIN 30 M 23. EXTRACTION AREA: THE AREA TO BE EXTRACTED IS 25.9 HECTARES. EXTRACTION AREA. BERMS ARE PERMITTED IN THE 30 M SETBACK AREA BUT NOT WITHIN 30 M OF THE 24.TONNAGE CONDITION: THE MAXIMUM NUMBER OF TONNES TO BE REMOVED FROM THIS SITE IN ANY MUNICIPAL DRAIN OR IRRIGATION POND. SEE NOISE RECOMMENDATIONS (THIS PAGE) FOR FURTHER CALENDAR YEAR IS 150,000 TONNES.

AREA 1 AND BY A PORTABLE SCREENING PLANT, SEE NOISE ATTENUATION DETAIL 'B'.

PROPERTY IN RESIDENTIAL USE OR 30 M OF THE LICENSED BOUNDARY WITH THE EXCEPTION OF THE 26.TREES & STUMPS: EXISTING TREES AND SHRUBS WITHIN THE SETBACK WILL BE MAINTAINED, EXCEPT WHERE REMOVAL IS REQUIRED FOR BERM CONSTRUCTION, ANY TREES AND STUMPS THAT MAY BE TAKEN 2. PRIOR TO SITE PREPARATION IN AREA 1 OR 2 THE NORTHERN EXTRACTION LIMIT SHALL BE DEMARCATED DOWN SHALL BE UTILIZED FOR LUMBER, REMOVED FROM THE SITE FOR MULCHING AND/ OR RESALE AND WITH MARKER POSTS, SEE OPERATION SCHEMATIC. **USED AS FIREWOOD**

ARCHAEOLOGICAL INTEREST AND FURTHER ARCHAEOLOGICAL ASSESSMENT IS RECOMMENDED FOR THESE SITES IF DEVELOPMENT IS PROPOSED WITHIN THESE AREAS.

LOCATION 4 (AFHC-52) AND LOCATION 5(AFHC-55) PLUS A 20 METRE PROTECTIVE BUFFER SHALL BE PRESERVED FOR THE DURATION OF THE OPERATION OR UNTIL SUCH TIME AS THE ARCHAEOLOGICAL SITE HAS BEEN SUBJECT TO FURTHER ARCHAEOLOGICAL INVESTIGATION AND A REPORT HAS BEEN SUBMITTED TO THE MINISTRY OF TOURISM, CULTURE AND SPORT, PROVIDED WITH CLEARANCE FROM MINISTRY OF TOURISM, CULTURE AND SPORT, AND HAS BEEN ACCEPTED INTO THE PROVINCIAL REGISTER. IF THESE AREAS ARE CLEARED BY THE MINISTRY OF TOURISM, CULTURE AND SPORT, EXTRACTION IS PERMITTED TO THE REGULATORY LIMITS AND BERMS 1 AND 3 SHALL BE RELOCATED WITHIN THE SETBACK AND THE REHABILITATION POND WILL BE ADJUSTED ACCORDINGLY.

THE ARCHAEOLOGICAL SITES AND 20 METRE PROTECTIVE BUFFER SHALL BE DEMARCATED WITH 1.2 METRE MARKER POSTS AT DISTANCES THAT DO NOT EXCEED 50 METRES APART AND SHALL BE MAINTAINED FOR THE DURATION OF THE OPERATION.

4. THE ERECTION OF THE MARKER POSTS SHALL BE SUPERVISED BY A LICENSED ARCHAEOLOGIST AND A REPORT DOCUMENTING THE EFFECTIVENESS OF THIS LONG-TERM PROTECTION STRATEGY SHALL BE REPORTED TO THE MINISTRY OF TOURISM, CULTURE AND SPORT.

5. WITH THE EXCEPTION OF AGRICULTURAL USES, NO MACHINE TRAVEL OR GROUND DISTURBANCE IS PERMITTED WITHIN THE ARCHAEOLOGICAL SITES AND THEIR 20 METRE PROTECTIVE BUFFER.

EXTRACTION AREA. ALL TOPSOIL, SUBSOIL AND OVERBURDEN STOCKPILES SHALL BE A MAXIMUM OF 10 20.BUILDINGS: A SCALE AND SCALE HOUSE MAY BE CONSTRUCTED IN THE EVENT THAT DEEPLY BURIED CULTURAL, ARCHAEOLOGICAL REMAINS ARE FOUND ON THE PROPERTY DURING EXCAVATION ACTIVITIES, THE CULTURE PROGRAMS AND SERVICE BRANCH, THE 8. THE EXTRACTION AND SHIPPING OF MATERIAL FROM THE SAND KNOLL LOCATED IN AREAS 2 AND 3 IS MINISTRY OF TOURISM, CULTURE AND SPORT (416-314-7691) SHALL BE NOTIFIED IMMEDIATELY.

> PIT FLOOR OR INTO THE POND. AS REHABILITATION IS COMPLETED THE SITE SHALL BE GRADED TO DRAIN 7. IN THE EVENT THAT HUMAN REMAINS ARE ENCOUNTERED DURING EXCAVATION, THE CULTURE PROGRAMS UNIT OF THE PROGRAMS AND SERVICES BRANCH, MINISTRY OF TOURISM, CULTURE AND SPORT (416-314-7691): THE REGISTER OR DEPUTY REGISTRAR OF THE CEMETERY REGULATIONS UNIT OF THE MEDICAL OFFICER OF HEALTH SHALL BE CONTACTED IMMEDIATELY.

> > 8. PRIOR TO THE SURRENDER OF THE ARA LICENCE, A RESTRICTIVE COVENANT SHALL BE REGISTERED ON TITLE TO ENSURE THE ARCHAEOLOGICAL SITES CONTINUE TO BE PRESERVED IF NOT CLEARED BY THE 10.ANY PROPOSED CHANGES TO NOISE CONTROLS SHALL BE REVIEWED BY A QUALIFIED ACOUSTICAL MINISTRY OF TOURISM, CULTURE AND SPORT PRIOR TO LICENSE SURRENDER.

NATURAL ENVIRONMENT RECOMMENDATIONS

SHALL BREAK THE LINE OF SIGHT BETWEEN THE EQUIPMENT AND RECEPTORS WITHIN 300 M OF THE EQUIPMENT. THE PROCESSING PLANT (SCREENER AND CRUSHER) AND AGGREGATE RECYCLING PLANT ARE RESTRICTED TO THE AREA SHOWN IN AREA 1 ON THE OPERATIONS PLAN. THE PROCESSING PLANT AND AGGREGATE RECYCLING PLANT SHALL NOT BE OPERATED SIMULTANEOUSLY.

THE PORTABLE SCREENER SHALL BE SET UP ON THE PIT FLOOR (1.5 M ABOVE THE WATER TABLE), SURROUNDED BY LOCALIZED STOCKPILES 6 METRES IN HEIGHT AND THE PEAK OF THE STOCKPILE SHALL BE WITHIN 20 M OF THE EQUIPMENT, AND SHALL BREAK THE LINE OF SIGHT BETWEEN THE EQUIPMENT AND RECEPTORS WITHIN 300 M OF THE EQUIPMENT. THE PORTABLE SCREENER IS ONLY PERMITTED IN THE AREA SHOWN ON THE NOISE ATTENUATION DETAIL, THIS PAGE. THE PORTABLE SCREENER AND DRAGLINE SHALL NOT BE OPERATED SIMULTANEOUSLY.

THE DRAGLINE SHALL BE SET UP ON THE PIT FLOOR (1.5 M ABOVE THE WATER TABLE), SURROUNDED BY LOCALIZED STOCKPILES 6 METRES IN HEIGHT AND THE PEAK OF THE STOCKPILE SHALL BE WITHIN 20 M OF THE EQUIPMENT, AND SHALL BREAK THE LINE OF SIGHT BETWEEN THE EQUIPMENT AND RECEPTORS WITHIN 300 M OF THE EQUIPMENT. THE DRAGLINE IS ONLY PERMITTED THE AREA SHOWN ON THE NOISE ATTENUATION DETAIL, THIS PAGE. THE DRAGLINE AND PORTABLE SCREENER SHALL NOT BE OPERATED SIMULTANEOUSLY.

6. WHENEVER POSSIBLE, EXTRACTION AND PROCESSING EQUIPMENT SHALL BE LOCATED AS CLOSE AS POSSIBLE TO WORKING FACES IN ORDER TO MAXIMIZE ACOUSTICAL SHIELDING.

7. IN CERTAIN AREAS OF THE PIT THE DRAGLINE AND PORTABLE SCREENING PLANT ARE NOT PERMITTED TO OCCUR. SEE NOISE ATTENUATION DETAIL, THIS PAGE.

PERMITTED WITHOUT THE NEED FOR LOCALIZED STOCKPILES OR PERIMETER BERMS (SEE BERM SEQUENCING DETAIL). EQUIPMENT TO BE USED SHALL BE LIMITED TO A LOADER (103 dBa) AND SHIPPING TRUCK (102 dBa). NO OTHER EQUIPMENT IS PERMITTED TO OPERATE ON-SITE CONCURRENTLY WHILE THE SAND KNOLL IS BEING EXTRACTED IF THE BERMS REQUIRED FOR AREAS 2 AND 3 ARE NOT CONSTRUCTED

CONSUMER PROTECTION BRANCH (416-326-8393); THE APPROPRIATE MUNICIPAL POLICE; AND THE LOCAL 9. BERMS SHALL BE CONSTRUCTED IN THE LOCATIONS IDENTIFIED ON THE BERM SEQUENCING DETAIL, THIS PAGE. THE PROPOSED BERMS SHALL BE VEGETATED WITH A GRASS/LEGUME MIXTURE AND MAINTAINED TO CONTROL EROSION. SEE TYPICAL BERM SECTION, PAGE 3.

> CONSULTANT TO ENSURE THAT THE OPERATION WILL REMAIN IN COMPLIANCE WITH THE RELEVANT NOISE MPACT CRITERIA

11. EQUIPMENT: EQUIPMENT TO BE UTILIZED ON THIS SITE SHALL INCLUDE A PRIMARY CRUSHER, LOADERS, ASSESSING AREA SHOWN IN 1. NO SITE DISTURBANCE (GRADING/ TREE CLEARING) IS PERMITTED. TO BE LOCATION 5(AFHC-55) THE LOCATION AND EXTENT OF BERMS 1 AND 3 ARE PERMITTED TO BE RECONFIGURED HOWEVER, THE DRAGLINE AND PORTABLE SCREENING PLANT IS PROHIBITED FROM OPERATING IN LOCATION 4.

> HYDROGEOLOGY RECOMMENDATIONS 1. PRIOR TO BELOW WATER EXTRACTION, MONITORING WELL MW3 SHALL BE DEEPENED OR REPLACED TO

2. PRIOR TO BELOW WATER EXTRACTION BASELINE GROUNDWATER QUALITY SAMPLES FOR ANIONS. METALS AND PETROLEUM HYDROCARBON INDICATORS (BTEX, F1, F2, F3 AND F4)

3. BELOW WATER AGGREGATE EXTRACTION SHALL COMMENCE IN THE NORTHEAST CORNER

4. DURING BELOW WATER EXTRACTION WATER LEVEL MEASUREMENTS SHALL BE OBTAINED ON A DAILY BASIS AT MW1, MW2, MW3, AND THE DRILLED WELL USING DATA LOGGERS. MANUAL MEASUREMENTS AND DATA SHALL BE DOWNLOADED AS ACCESSIBLE TWICE

QUALITY SAMPLES FOR ANIONS, METALS AND PETROLEUM HYDROCARBON INDICATORS (BTEX, F1, F2, F3 AND F4) SHALL BE OBTAINED AT MW1, MW2 AND MW3 IN LATE SUMMER

IN CASE OF ACCIDENTAL SPILL OF PETROLEUM PRODUCTS, THE FOLLOWING CONTINGENCY PLAN WILL BE ACTIVATED:

A. THE MINISTRY OF THE ENVIRONMENT, CONSERVATION AND PARKS (SEE ADDRESS & PHONE NUMBER BELOW) AND SURROUNDING LANDOWNERS WILL BE NOTIFIED

B. FOR A LEAKAGE OR SPILL IMMEDIATE ACTION WILL BE TAKEN TO STOP IT. AT THE

SAME TIME MEASURES WILL BE TAKEN TO PREVENT SPREADING. THESE

MEASURES MAY INCLUDE BUILDING OR A BERM OR CONSTRUCTION OF A DITCH, FOR INSTANCE. THE PIT OPERATOR SHALL COMMENCE RECOVERY PROCEDURES BY COLLECTING

THE SPILLED SUBSTANCE INTO CONTAINERS.

D. THE SOIL IN THE AREA AFFECTED BY THE SPILL OR LEAK SHALL BE REMOVED AND DISPOSED OF AT A LOCATION PRESCRIBED BY THE MINISTRY OF THE ENVIRONMENT, CONSERVATION AND PARKS.

MINISTRY OF ENVIRONMENT, CONSERVATION AND PARKS SOUTHWEST REGIONAL OFFICE 733 EXETER ROAD, 2ND FLOOR LONDON, ONTARIO N6E 1L3

SPILLS ACTION CENTRE: 1-800-268-6060

FIRE SAFETY PLAN

1. SIGNAGE AND 911 NUMBERS SHALL BE LOCATED AT THE ENTRANCE.

ACCESS ON SITE SHALL BE DIRECTIONAL.

3. ROADWAYS SHALL BE CONSTRUCTED TO MINIMUM STANDARDS TO ACCOMMODATE EMERGENCY VEHICLES.

LOT LINE ----SAND KNOLL ~~~~~ TREE DRIP LINE FIELD ENTRANCE (NO HAUL TRUCK PERMITTED) APPROVED PIT ENTRANCE/EXIT BERM SEQUENCING DETAIL nts BERM 2 BERM 4 (140m) \

AREA 2

CROSS-SECTION

MARKER POST

MONITORING WELL

ARCHAEOLOGY 20M

PROTECTIVE BUFFER

1.2m POST & WIRE FENCE

BUILDING

213.5

MAXIMUM DEPTH

OF EXTRACTION

EXCAVATION DIRECTION EXTRACTION SETBACK

LICENCE BOUNDARY

BY APPLICANT

AREA BOUNDARY

ADDITIONAL LANDS OWNED

EXISTING 1.2m HIGH FENCE

BERMS ARE 4m IN HEIGHT BERM 1 SHALL BE CONSTRUCTED PRIOR TO EXTRACTION IN AREA 1 AND SHALL REMAIN FOR THE LIFE OF THE OPERATION.

BERM 2 SHALL BE CONSTRUCTED PRIOR TO EXTRACTION IN AREA 1 AND SHALL REMAIN UNTIL ABOVE WATER EXTRACTION OF THE MAIN PROCESSING AREA IN AREA 1 IS COMPLETE.

BERM 3 SHALL BE CONSTRUCTED PRIOR TO EXTRACTION IN AREA 2 AND SHALL REMAIN FOR

THE LIFE OF THE OPERATION.

BERM 4 SHALL BE CONSTRUCTED PRIOR TO EXTRACTION IN AREA 3 AND SHALL REMAIN UNTIL EXTRACTION IN AREA 3 IS COMPLETE

EXTRACTION OF THE SAND KNOLL IN AREAS 2 AND 3 THE BERMS REQUIRED FOR AREA 2 OR 3 ARE NOT REQUIRED TO BE INSTALLED TO EXTRACT THE SAND KNOLL TO GRADE (228 Masl). EQUIPMENT TO BE USED SHALL BE

LIMITED TO A LOADER (103 dBa) AND SHIPPING TRUCK (102 dBa).

SITE PLAN OVERRIDES OF THE OPERATIONAL STANDARDS

IF FENCING IS NOT INSTALLED ALONG THE WEST, EAST AND SOUTH LICENCE BOUNDARY THEN 1.2 M CONSTRUCTION FENCING SUPPORTED BY T-BAR POSTS AND HIGH TENSILE WIRE SHALL BE MAINTAINED ALONG THE WEST, EAST AND SOUTH BOUNDARY OF EACH EXTRACTION AREA AS OPERATIONS AND REHABILITATION PROGRESS. FENCING SHALL NOT BE REQUIRED ON THE NORTHERN LICENSED BOUNDARY AND SHALL BE MARKED PRIOR TO THE COMMENCEMENT OF ANY OPERATIONS WITH HIGHLY VISIBLE

MARKER POSTS, MINIMUM HEIGHT 1.2 M. PLACED AT

CORNERS AND AT INTERVISIBLE INTERVALS, NOT TO EXCEED

50 M APART. STANDARD 5.13.1 - PROCESSING PLANT AND STOCKPILES ARE PERMITTED

WITHIN 30 METRES OF THE EASTERN BOUNDARY OF THE SITE ADJACENT TO ARA LICENCE # 3813. SURPLUS TOPSOIL MAY BE REMOVED OFF-SITE PROVIDED THERE IS SUFFICIENT TOPSOIL FOR REHABILITATION SIDE



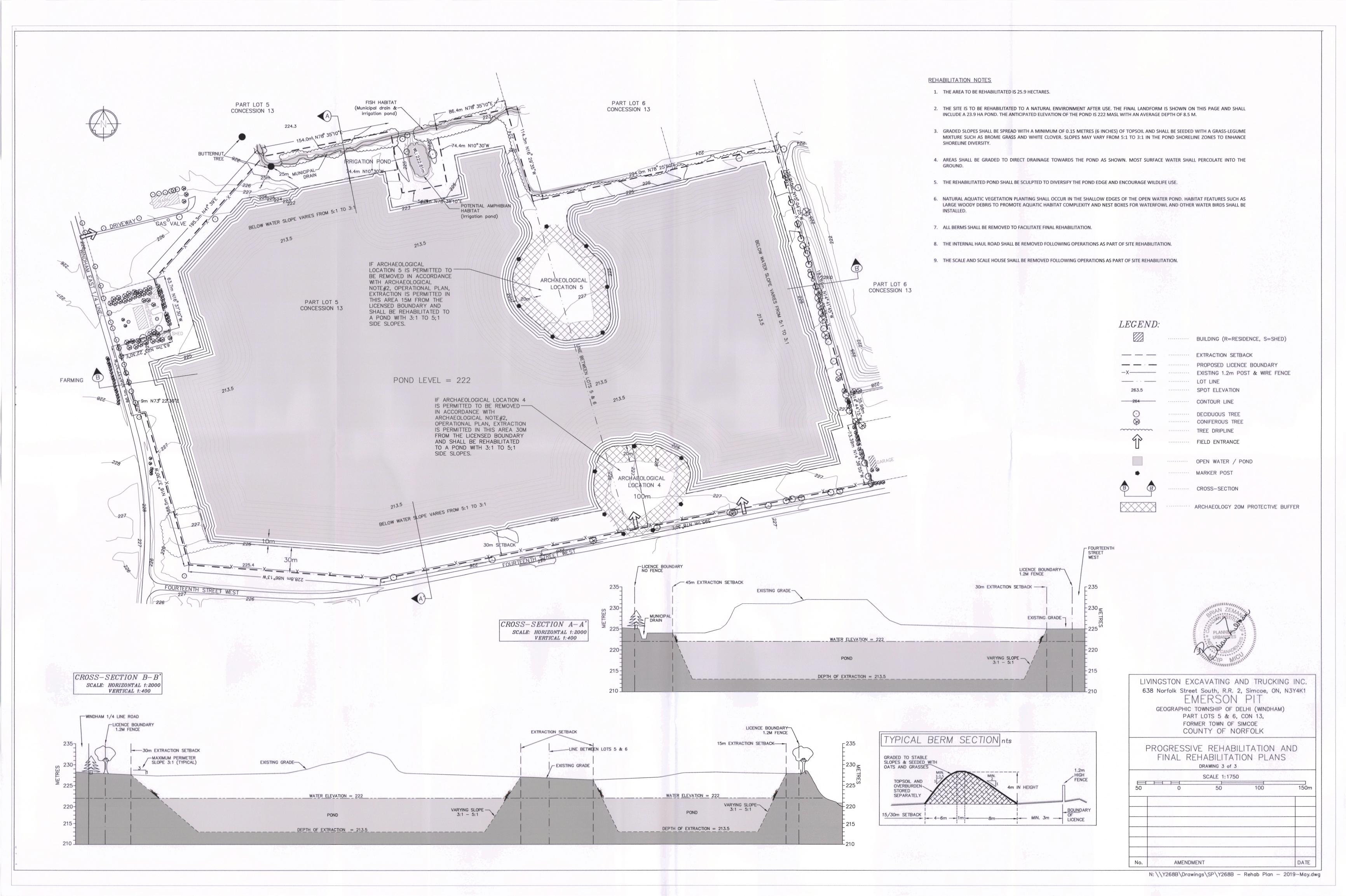
LIVINGSTON EXCAVATING AND TRUCKING INC. 638 Norfolk Street South, R.R. 2, Simcoe, ON, N3Y4K1 EMERSON PIT GEOGRAPHIC TOWNSHIP OF DELHI (WINDHAM) PART LOTS 5 & 6, CON 13, FORMER TOWN OF SIMCOE COUNTY OF NORFOLK

OPERATIONAL PLAN

DRAWING 2 of 3

FF				
50	0	50	100	150m
				3 1 2
No	AMENDME	NT		DATE

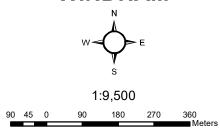
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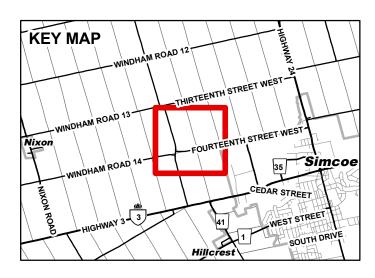


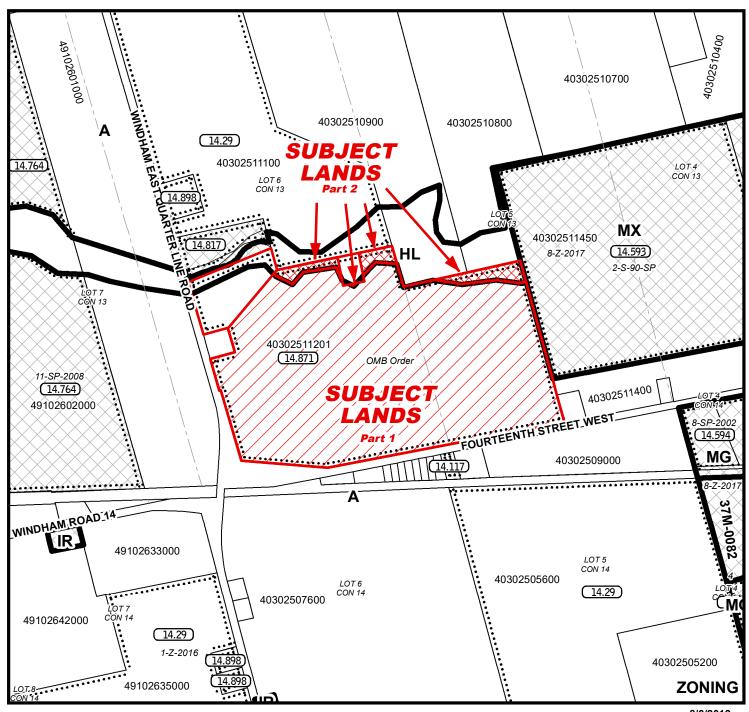
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Geographic Township of

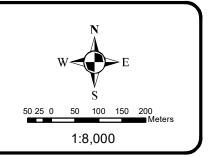
WINDHAM

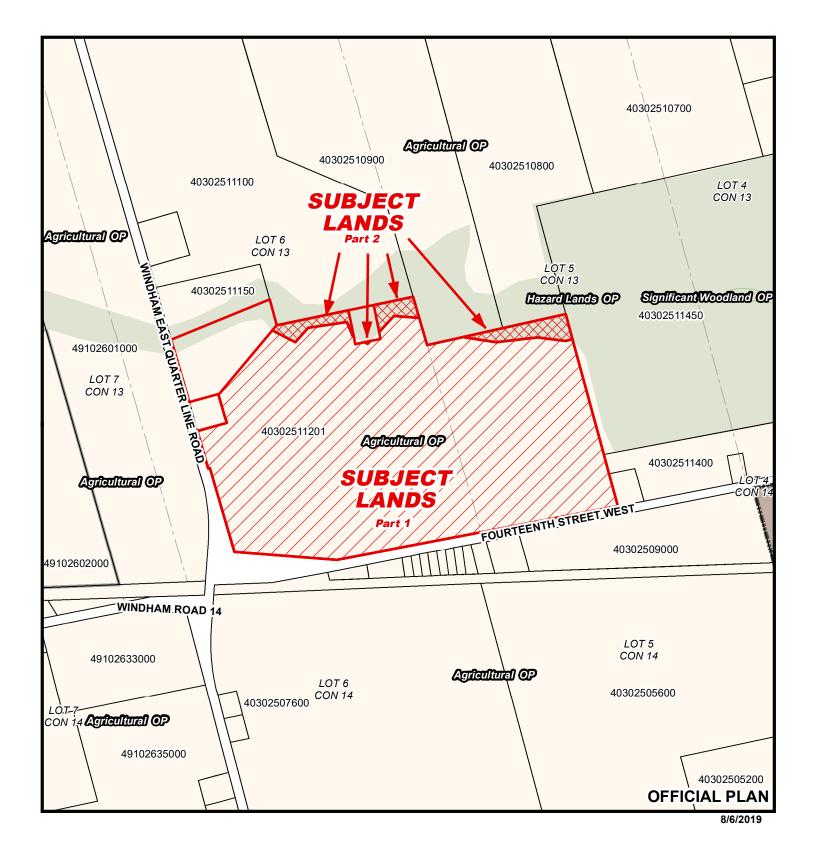




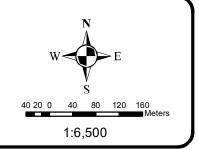


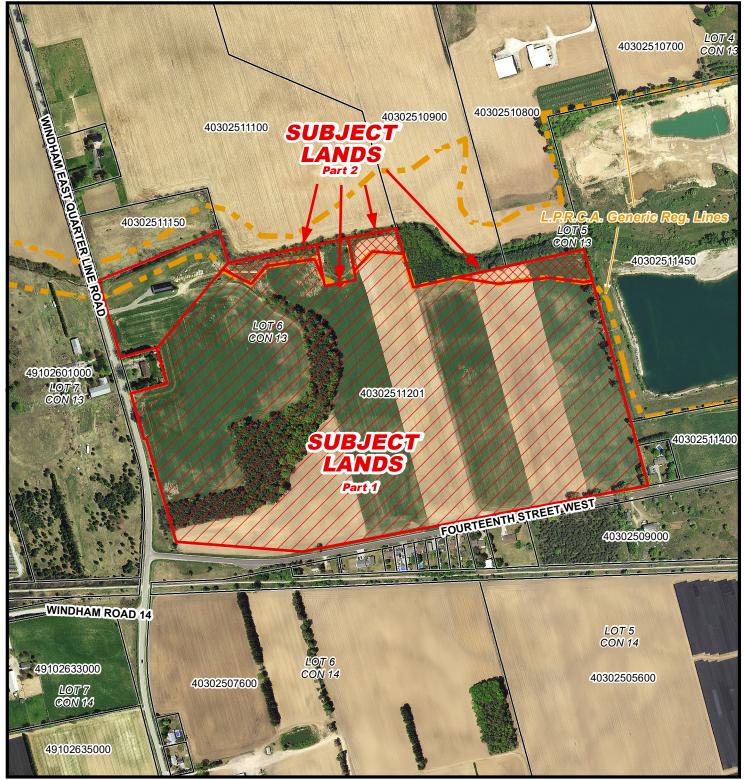
MAP 2
File Number: ZNPL2019253
Geographic Township of WINDHAM





MAP 3 File Number: ZNPL2019253 Geographic Township of WINDHAM





MAP 4
File Number: ZNPL2019253
Geographic Township of WINDHAM

