

For Office Use Only:

File Number _____

Related File Number _____

Pre-consultation Meeting _____

Application Submitted APRIL 12, 2024

Complete Application _____

Application Fee _____

Conservation Authority Fee _____

Well & Septic Info Provided _____

Planner _____

Public Notice Sign _____

Check the type of planning application(s) you are submitting.

☐ Consent/Severance/Boundary Adjustment

☒ Surplus Farm Dwelling Severance and Zoning By-law Amendment

☐ Minor Variance

☐ Easement/Right-of-Way

Property Assessment Roll Number: 541-060-13400-0000

A. Applicant Information

Name of Owner CREMSON CREEK FARM LTD

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 1630 MEND N-WAL T-LINE ROAD

Town and Postal Code DELHI N4B-2W4

Phone Number 519-983-4567

Cell Number SAME

Email vermeer@xplor.net.com

Name of Applicant SAME AS ABOVE

Address _____

Town and Postal Code _____

Phone Number _____

Cell Number _____

Email _____

Name of Agent _____

Address _____

Town and Postal Code _____

Phone Number _____

Cell Number _____

Email _____

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 owner and agent noted above.



Owner



Agent



Applicant

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

B. Location, Legal Description and Property Information

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

555 3RD CONCESSION ROAD DELHI N4B-2W4
PT LOT 27 CON3 STR MIDDLETON

Municipal Civic Address: 555 3RD CONCESSION ROAD DELHI N4B-2W4

Present Official Plan Designation(s): AGRICULTURE

Present Zoning: AGRICULTURE

2. Is there a special provision or site specific zone on the subject lands?



Yes



No If yes, please specify:

3. Present use of the subject lands:

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:

ONLY THE RESIDENCE TO BE SEVERED. THE
EXISTING BARNs TO REMAIN WITH THE FARM

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

NONE

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:

NONE

7. Are any existing buildings on the subject lands designated under the *Ontario Heritage Act* as being architecturally and/or historically significant? Yes ☐ No ☒

If yes, identify and provide details of the building:

8. If known, the length of time the existing uses have continued on the subject lands:

60 YEARS

9. Existing use of abutting properties:

AGRICULTURE

10. Are there any easements or restrictive covenants affecting the subject lands?

☐ Yes ☒ No If yes, describe the easement or restrictive covenant and its effect:

C. Purpose of Development Application

Note: Please complete all that apply. **Failure to complete this section will result in an incomplete application.**

1. Site Information (Please refer to Zoning By-law to confirm permitted dimensions)

	Existing	Permitted	Provision	Proposed	Deficiency
Lot frontage	449 M			68 M	
Lot depth	970 M			58 M	
Lot width	449 M			57 M	
Lot area	100 ACRES			0.80 AC	
Lot coverage					
Front yard				13.6 M	
Rear yard				29 M	
Height	4.9 M			4.9 M	
Left Interior side yard				20 M	
Right Interior side yard				22 M	
Exterior side yard (corner lot)					
Parking Spaces (number)					
Aisle width					
Stall size					
Loading Spaces					
Other					

2. Please explain why it is not possible to comply with the provision(s) of the Zoning By-law:

NONE

3. **Consent/Severance/Boundary Adjustment:** Description of land intended to be severed in metric units:

Frontage: 68 M

Depth: 58 M

Width: 57 M

Lot Area: 0.80 AC

Present Use: FARM HOUSE

Proposed Use: SEVERED HOUSE

Proposed final lot size (if boundary adjustment):

If a boundary adjustment, identify the assessment roll number and property owner of the lands to which the parcel will be added:

Description of land intended to be retained in metric units:

Frontage: 381 M

Depth: 970 M

Width: 449 M

Lot Area: 99.2 ACRES

Present Use: AGRICULTURE

Proposed Use: AGRICULTURE

Buildings on retained land: TWO SHEDS

4. **Easement/Right-of-Way:** Description of proposed right-of-way/easement in metric units:

Frontage:

Depth:

Width: _____
Area: _____
Proposed Use: _____

5. Surplus Farm Dwelling Severances Only: List all properties in Norfolk County, which are owned and farmed by the applicant and involved in the farm operation

Owners Name: LIST PROVIDED
Roll Number: _____
Total Acreage: _____
Workable Acreage: _____
Existing Farm Type: (for example: corn, orchard, livestock) _____
Dwelling Present?: ☐ Yes ☐ No If yes, year dwelling built _____
Date of Land Purchase: _____

Owners Name: _____
Roll Number: _____
Total Acreage: _____
Workable Acreage: _____
Existing Farm Type: (for example: corn, orchard, livestock) _____
Dwelling Present?: ☐ Yes ☐ No If yes, year dwelling built _____
Date of Land Purchase: _____

Owners Name: _____
Roll Number: _____
Total Acreage: _____
Workable Acreage: _____
Existing Farm Type: (for example: corn, orchard, livestock) _____
Dwelling Present?: ☐ Yes ☐ No If yes, year dwelling built _____
Date of Land Purchase: _____

Owners Name: CRIMSON CREEK FARM LTD
Roll Number: 541.070.19500.0000
Total Acreage: 118.26 AC
Workable Acreage: 100 AC
Existing Farm Type: (for example: corn, orchard, livestock) TOBACCO RYE CORN
Dwelling Present?: ☐ Yes ☒ No If yes, year dwelling built _____
Date of Land Purchase: 2013

Owners Name: CRIMSON CREEK FARM LTD
Roll Number: 541.070.18700.0000
Total Acreage: 46.46 ACRES
Workable Acreage: 45 AC
Existing Farm Type: (for example: corn, orchard, livestock) TOBACCO RYE
Dwelling Present?: ☐ Yes ☒ No If yes, year dwelling built _____
Date of Land Purchase: 2013

Note: If additional space is needed please attach a separate sheet.

D. All Applications: Previous Use of the Property

1. Has there been an industrial or commercial use on the subject lands or adjacent lands? ☐ Yes ☒ No ☐ Unknown

If yes, specify the uses (for example: gas station, or petroleum storage):

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:

COUNTRY SETTING. KNOW THE OWNERS FOR 46 YEARS

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. All Applications: Provincial Policy

1. Is the requested amendment consistent with the provincial policy statements issued under subsection 3(1) of the *Planning Act*, R.S.O. 1990, c. P. 13? ☒ Yes ☐ No

If no, please explain:

2. 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 subsection 2.1.7? ☒ Yes ☐ No

If no, please explain:

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:

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. All Applications: 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

☒ On the subject lands or ☐ within 500 meters – distance _____

Municipal Landfill

☐ On the subject lands or ☐ within 500 meters – distance _____

Sewage treatment plant or waste stabilization plant

☐ On the subject lands or ☐ within 500 meters – distance _____

Provincially significant wetland (class 1, 2 or 3) or other environmental feature

☐ On the subject lands or ☐ within 500 meters – distance _____

Floodplain

☐ On the subject lands or ☐ within 500 meters – distance _____

Rehabilitated mine site

☐ On the subject lands or ☐ within 500 meters – distance _____

Non-operating mine site within one kilometre

☐ On the subject lands or ☐ within 500 meters – distance _____

Active mine site within one kilometre

☐ On the subject lands or ☐ within 500 meters – distance _____

Industrial or commercial use (specify the use(s))

☐ On the subject lands or ☐ within 500 meters – distance _____

Active railway line

☐ On the subject lands or ☐ within 500 meters – distance _____

Seasonal wetness of lands

☐ On the subject lands or ☐ within 500 meters – distance _____

Erosion

☐ On the subject lands or ☐ within 500 meters – distance _____

Abandoned gas wells

☐ On the subject lands or ☐ within 500 meters – distance _____

F. All Applications: Servicing and Access

1. Indicate what services are available or proposed:

Water Supply

☐ Municipal piped water

☒ Individual wells

☐ Communal wells

☐ Other (describe below)

Sewage Treatment

☐ Municipal sewers

☐ Communal system

☒ Septic tank and tile bed in good working order

☐ Other (describe below)

Storm Drainage

☐ Storm sewers

☐ Open ditches

☐ Other (describe below)

2. Existing or proposed access to subject lands:

☒ Municipal road

☐ Provincial highway

☐ Unopened road

☐ Other (describe below)

Name of road/street:

G. All Applications: Other Information

1. Does the application involve a local business? ☐ Yes ☒ No

If yes, how many people are employed on the subject lands?

2. Is there any other information that you think may be useful in the review of this application? If so, explain below or attach on a separate page.

NEW SEPTIC SYSTEM

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 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. Existing and proposed easements and right of ways
4. Parking space totals – required and proposed
5. All dimensions of the subject lands
6. Dimensions and setbacks of all buildings and structures
7. Location and setbacks of septic system and well from all existing and proposed lot lines, and all existing and proposed structures
8. Names of adjacent streets
9. Natural features, watercourses and trees

In addition, the following additional plans, studies and reports, including but not limited to, **may** also be required as part of the complete application submission:

- ☒ On-Site Sewage Disposal System Evaluation Form (to verify location and condition)
- ☐ Environmental Impact Study
- ☐ Geotechnical Study / Hydrogeological Review
- ☐ Minimum Distance Separation Schedule
- ☐ Record of Site Condition

Your development approval might also be dependent on Ministry of Environment Conservation and Parks, 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. 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.

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.

Freedom of Information

For the purposes of the *Municipal Freedom of Information and Protection of Privacy Act*, I authorize and consent to the use by or the disclosure to any person or public body any information that is collected under the authority of the *Planning Act*, R.S.O. 1990, c. P. 13 for the purposes of processing this application.

Terry Vermeersch
Owner/Applicant/Agent Signature

APRIL 11/2024
Date

J. Owner's Authorization

If the applicant/agent is not the registered owner of the lands that is the subject of this application, the owner must complete the authorization set out below.

I/We MARY ZERBES am/are the registered owner(s) of the lands that is the subject of this application.

I/We authorize TERRY VERMEERSCH to make this application on my/our behalf and to provide any of my/our personal information necessary for the processing of this application. Moreover, this shall be your good and sufficient authorization for so doing.

x Mary E. Zerbes
Owner

April 11/2024
Date

Owner

Date

***Note:** If property is owned by an Ontario Ltd. Corporation, Articles of Incorporation are required to be attached to the application.

K. Declaration

I, TERRY VERMEERSCH of NORTH WALSHINGHAM

solemnly declare that:

all of the above statements and the statements contained in all of the exhibits transmitted herewith are true and I make this solemn declaration conscientiously believing it to be true and knowing that it is of the same force and effect as if made under oath and by virtue of *The Canada Evidence Act*.

Declared before me at:

SIMCOE

Terry Vermeersch
Owner/Applicant/Agent Signature

In Norfolk County

This 12th day of April

A.D., 2024.

[Signature]

A Commissioner, etc.

John Andrew Wallace, a
Commissioner, etc., Province of Ontario,
for the Corporation of Norfolk County,
Expires January 16, 2027.

- 1) 541.060.18600.0000
TERRY VERMEERSCH
PURCHASED 2001
MIDD CON4 STR LOT 26
79.05 AC
- 2) 541.060.18100.0000
TERRY VERMEERSCH
CRIMSON CREEK FARM LTD
PURCHASED 2001
540 3RD CONC RD STR
MIDD CON4 STR LOT 27
62.99 AC
- 3) 542.020.02600.0000
CRIMSON CREEK FARM LTD
PURCHASED 2003
1630 MIDD N-WAL T-LINE RD
N-WAL CON14 LOT 21
93.81 AC
- 4) 542.020.02800.0000
TERRY VERMEERSCH
PURCHASED 1992
1746 MIDD N-WAL T-LINE RD
N-WAL CON14 LOT 22
124.28 AC
- 5) 541.070.18700.0000
CRIMSON CREEK FARM LTD
PURCHASED 2013
MID CON3 STR LOT 35
46.46 AC

OVER ↓↓

- 6) 541.070.19500.0000
CRIMSON CREEK FARM LTD
PURCHASED 2013
1805 MID-NWAL T-LINE RD
MIDD CON3 STR LOT 34
118.26 AC
- 7) 541.070.01100.0000
TERRY VERMEERSCH
PURCHASED 2011
2234 1ST CONC RD STR
MIDD CON2 STR LOT 37
99.31 AC
- 8) 494.040.25700.0000
TERRY VERMEERSCH
2543 1ST CONC RD STR
MIDD CON1 LOT 184 & 185
104 ACRES
PURCHASED 2011
- 9) 542-020-16900-0000
CRIMSON CREEK FARM LTD
PURCHASED 2016
1630 NORFOLK COUNTY RD 21
N-WAL CON13 PT LOT 21
50.00 AC
- 10) 542-020-17000-0000
CRIMSON CREEK FARM LTD
TERRY VERMEERSCH
NORFOLK COUNTY RD 21
N WAL CON13 PT LOT 21
136.19 AC

Worksheet G: Septic Plot Plan

Please provide the following information on this work sheet:

1. Location of sewage system and its components (e.g. tank, leaching bed, pump chamber)
2. Location of all buildings, pools and wells on the property and neighbouring properties
3. Locate and show minimum clearances for treatment units and distribution piping of items. Ontario Building Code, Division B, Table 8.2.1.6.A. and 8.2.1.6.B.
4. Location of property lines, easements, and utility corridors.

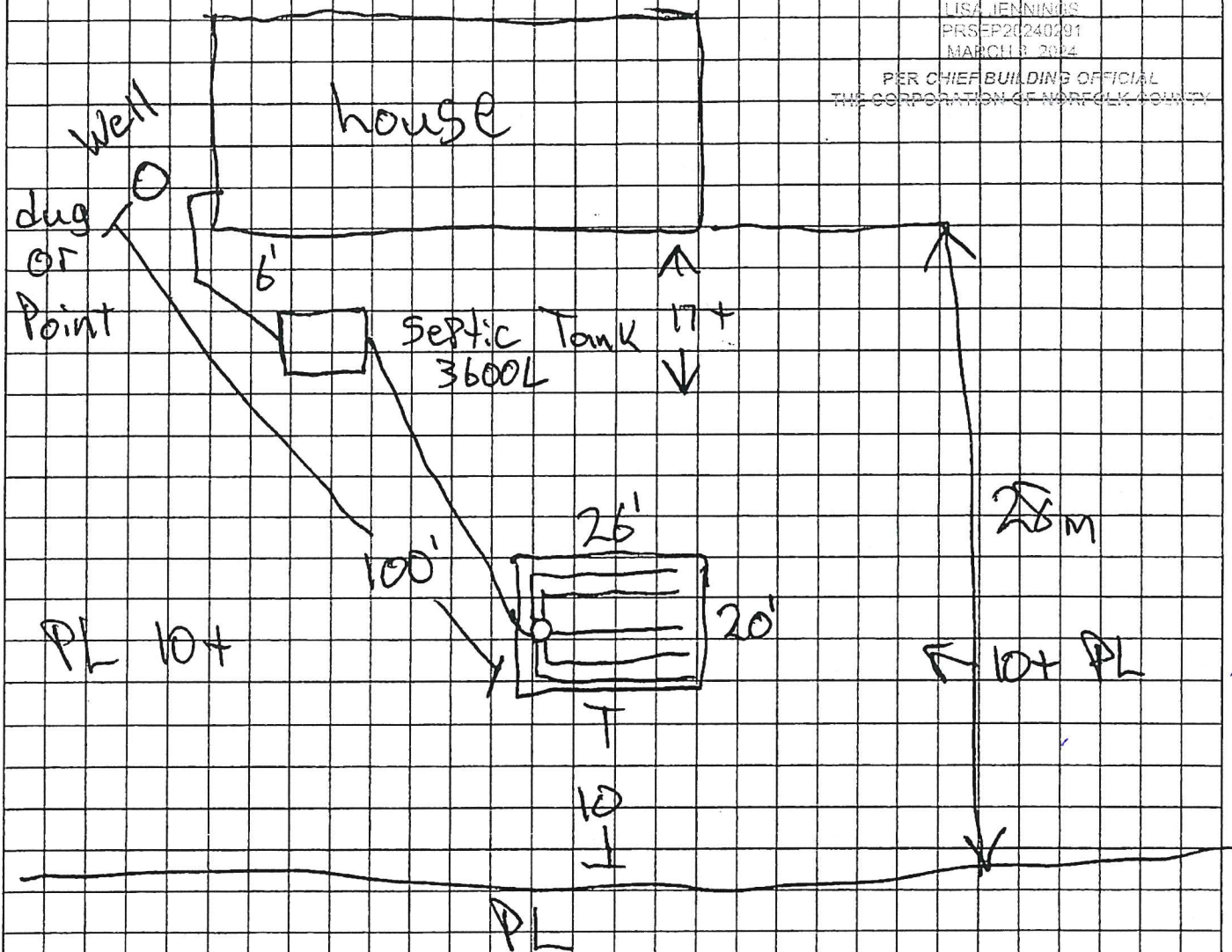
REVIEWED

LISA JENNINGS

PRSEP20240291

MARCH 8 2024

PER CHIEF BUILDING OFFICIAL
THE CORPORATION OF NORFOLK COUNTY



(1) Except as provided in Sentences 8.2.1.4 (1) and (2), a treatment unit shall not be located closer than the minimum horizontal distances set out in Table 8.2.1.6.A.

Table 8.2.1.6.A.
Minimum Clearances for Treatment Units
Planning Part of Sentence 8.2.1.6 (1)

Item	Column 1 Object	Column 2 Minimum Clearance, m
1	Structure	1.5
2	Well	15
3	Leak	15
4	Plant	15
5	Openwork	15
6	River	15
7	Spring	15
8	Stream	15
9	Property Line	2

(2) Except as provided in Sentences 8.2.1.4 (1) and (2), the minimum horizontal distance for a distribution pipe to any existing structure shall not be less than the minimum horizontal distances set out in Table 8.2.1.6.B, and these distances shall be determined when required by Sentence 8.2.4.2 (1).

Table 8.2.1.6.B.
Minimum Clearances for Distribution Piping and Leaching Chambers
Planning Part of Sentence 8.2.1.6 (2)

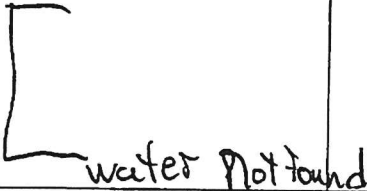
Item	Column 1 Object	Column 2 Minimum Clearance, m
1	Structure	5
2	Well with a watertight casing to a depth of at least 1 m	15
3	Any other well	30
4	Leak	15
5	Plant	15
6	Openwork	15
7	River	15
8	Spring not used as a source of potable water	15
9	Stream	15
10	Property Line	2

Worksheet F: Cross Sectional Drawings

Subsoil Investigation – Test pit

1. Soil sample to be taken at a depth of
2. Test pit to be a minimum 0.9m

Indicate level of rock and ground water level below original grade.

6'  water Not found

Original grade

0.5m

1.0m

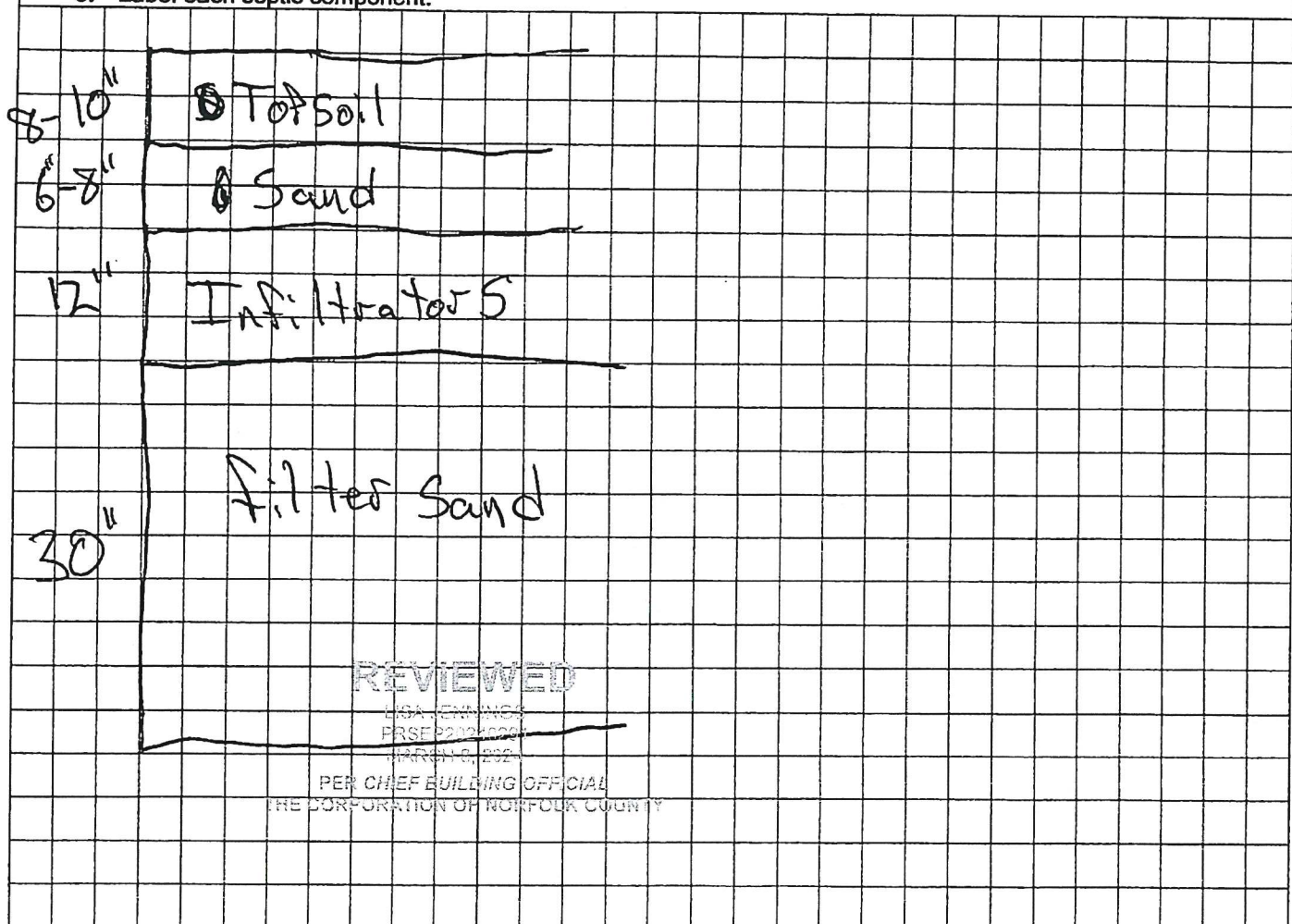
1.5m

Soil and subgrade investigation. Indicate soil types

10" Topsoil
62" Sand

Cross sectional drawings are required for all septic systems

1. Location of existing grade.
2. Measurements to each component, distances to water table
3. Label each septic component.



Project Address:

555 3rd Con STR Delhi, ON

REVIEWED

Septic Permit System Summary / Overview

Applicable Law Documents Attached
(check all applicable)

- ☐ Conservation Authority Approval
☐ Source Water Protection
☐ Construction in Hazard Lands

- ☐ Site Plan Approval
☐ Minor Variance
☐ Grading Plan (raised beds)

Total Number of Bedrooms 3Total Number of Fixture Units 22Total Finished Floor Area 1500 m² sq.ftDaily Design Flow (Q) (litre/day) 1700☒ Residential (dwelling)☐ Camp for the Housing of Workers☐ Other occupancy (Identify) _____**Water Supply:**

- ☐ Municipal
☐ Dug Well
☐ Drilled well
☒ Shallow Well Point
☐ Other: _____

Type of Native Soil:

- Sand
☒ Soils Analysis attached
 Percolation rate ("T" time): 8
 Depth to water table: ?
 Slope of land in tile bed area _____ %

Type of Imported Fill:

- ☐ Soils Analysis attached
 Percolation rate ("T" time): _____

Class of System

- ☐ Class 2 – Greywater ☒ Class 4 – Leaching Bed System ☐ Class 5 – Holding Tank

System Components
(Complete all that apply)☒ Septic tank capacity (L) 3600L☐ Pump capacity (L) _____☐ Distribution Box _____☐ Other (please specify) _____☐ Advance Treatment Unit capacity: (L) _____

Manufacture and Model _____

Method of Distribution Pipe Detection☒ magnetic means☐ tracer wire (14 gauge TW solid copper light coloured plastic coated)☐ other means (please specify) _____**Complete A, B, C, D, E, or F – Class 4 Systems Only****A. ABSORPTION TRENCH**

- ☐ In-ground ☐ Raised
☐ Distribution pipe
☐ Leaching chambers ☐ Type I
☐ Type II
 Length of pipe _____ m
☐ Mantel Required
 Mantel Area _____ m²

B. FILTER BED

- ☒ In-ground ☐ Raised
 Effective Area: 48.3 m²
 Contact Area: 48.3 m²
☐ Distribution pipe
☐ Leaching chambers ☐ Type I
☒ Type II
☐ Mantel Required
 Mantel Area _____

C. SHALLOW BURIED TRENCH

Type: _____
 Length of chamber: _____ m

D. ADVANCE TREATMENT SYSTEM (BMEC & CAN/BNQ)

- ☐ BMEC authorization provided
☐ CAN/BNQ authorization provided
☐ Service agreement provided
 Mantel area: _____ m²
 Stone layer area: _____ m²
 Sand layer area: _____ m²
☐ System specifications provided
☐ Manufacturer's installation manual provided

E. TYPE A DISPERSAL BED

- ☐ In-ground ☐ Raised
 Length of pipe _____ m
 Mantel Area _____ m²
 Stone layer area: _____ m²
 Sand layer area: _____ m²

F. TYPE B DISPERSAL BED

- ☐ In-ground ☐ Raised
 Stone layer area _____ m²
 Linear loading rate ☐ 40 L/m
☐ 50 L/m

Worksheet A: Dwellings - Daily Design Flow Calculations (Q)

A) Residential Occupancy		(Q) Litres	Total
Number of Bedrooms	1 Bedroom	750	
	2 Bedrooms	1100	
	3 Bedrooms	1600	1600
	4 Bedrooms	2000	
	5 Bedrooms	2500	
Subtotal (A)			1600

B) Plus Additional Flow for:				
Note: Use the largest additional flow calculation to determine Daily Design Flow (Q). If none apply Subtotal (B) is zero.				
		Quantity	(Q) Litres	Total
Either	Each bedroom over 5		500	
Or	Floor space for each 10m ² over 200m ² up to 400m ²		100	
	Floor space for each 10m ² over 400m ² up to 600m ²		75	
	Floor space for each 10m ² over 600m ²		50	
	Floor space for each 10m ² over 600m ²		50	
Or	Each Fixture Unit over 20 fixture Units (Total of Worksheet B - 20 = Quantity)	2	50	100
Subtotal (B)				100
Subtotal A+B=Daily Design Flow (Q)				1700

Worksheet B: Dwellings Fixture Unit Count

Fixtures	Units		How Many?		Total
Bath group (toilet, sink, tub or shower) with flush tank	6.0	X	3	=	18
Bathtub only(with or without shower)	1.5	X		=	
Shower stall	1.5	X		=	
Wash basin / Lavatory (1.5 inch trap)	1.5	X		=	
Water closet (toilet) tank operated	4.0	X		=	
Bidet	1.0	X		=	
Dishwasher	1.0	X	1	=	1.0
Floor Drain (3 inch trap)	3.0	X		=	
Sink (with/without garbage grinder, domestic and other small type single, double or 2 single with a common trap)	1.5	X	1	=	1.5
Domestic washing machine	1.5	X	1	=	1.5
Combination sink and laundry tray single or double (installed on 1.5 inch trap)	1.5	X		=	
Other:					
Total Number of Fixture Units:					22

1. Refer to Ontario Building Code Division B Table 7.4.9.3 for a complete listing of fixture types and units.
2. Where the laundry waste is not more than 20% of the total daily design flow, it may discharge to the sewage system. OBC 8.1.3.1(2)
3. Sump pumps are not to be connected to the sewage system. Connection to sewage system may lead to a hydraulic failure of the system.

Worksheet C: Other occupancies types

Camp for the Housing of Workers	Number of Employees	(Q) Litres	Total
Note: building size, number of bedrooms and fixture count are not required for a Camp for the Housing of Workers		250	
Daily Design Flow (Q)			

Other Occupancy Daily Design Flow Calculation (Q)

To calculate the daily design flow for occupancies, please refer to Ontario Building Code Division B – Part 8 Table 8.2.1.3.B

Establishment	Operator Example: number of seats, per floor area, number of employees/students	Volume Litres	Total
Daily Design Flow (Q)			

Work Sheet D: Septic Tank Size

Minimum septic tank size permitted by the Ontario Building Code is 3600 litres.

Occupancy type	Daily Design Flow (Q)	Minimum tank size (L)
Residential Occupancy house, apartment, camp for housing of workers	1700	x 2 = 3600
All Other Occupancies		x 3 =

Worksheet E: Leaching Bed Calculations (Class 4)

Part 1: Complete All

Type of leaching bed (select one)

- ☐ A. Absorption trench
 ☒ B. Filter Bed
 ☐ C. Shallow Buried Trench
☐ D. Advance Treatment System
 ☐ E. Type A Dispersal Bed
 ☐ F. Type B Dispersal Bed

Percolation rate of native soil (T):

8

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Name of licensed testing agency:

Norfolk Soils Analysis

- ☒ In ground system
☐ Raised Bed system

Height raised above original grade (metres)

Mantel (if applicable) ☐ Imported ☒ Native Soil

Q/loading rate = ~~100~~ m²

Configured as: ~~10~~ m X ~~10~~ m

Part 2: Complete One of A, B, C, D, E, F

☐ A. Absorption Trench

Total length of distribution pipe

Conventional $(Q \times T) + 200 =$ _____ m
 Type I leaching chambers $(Q \times T) + 200 =$ _____ m
 Type II leaching chambers $(Q \times T) + 300 =$ _____ m
 Configured as: _____ runs of _____ m Total: _____ m

☐ B. Filter Bed

Effective Area

If $Q \leq 3000$ litres per day use $Q + 75$

If $Q > 3000$ litres per day use $Q + 50$

Level II-IV treatment units, use $Q + 100$

Distribution Pipe

Contact Area = $(Q \times T) \div 850$

Mantel (see Part 1)

Effective area: $\frac{1700}{6.09} (Q) + \frac{75}{7.97} (75, 50, \text{ or } 100) = 22.7$ m²
 Configured as: _____ m x _____ m
 Number of beds _____

Number of runs: _____ Spacing of runs: _____ m
 Contact Area: $(\frac{1700}{6.09} (Q) \times \frac{75}{7.97} (T)) \div 850 = 16$ m²

☐ C. Shallow Buried Trench

Percolation time (T) of soil in minutes:

Length of distribution pipe (metres)

$1 < T \leq 20$

$Q + 75$ metres

$20 < T \leq 50$

$Q + 50$ metres

$50 < T < 125$

$Q + 30$ metres

$(L) =$ _____ $(Q) +$ _____ $(75, 50, 30) =$ _____ m
 Configured as: _____ runs of _____ m Total: _____ m

☐ D. Advance Treatment System

Provided BMEC or CAN/BNQ approval, and manufacturer's system design documentation.

☐ E. Type A Dispersal Bed

Stone Layer

If $Q \leq 3000$ litres per day, use $Q \div 75$

If $Q > 3000$ litres per day, use $Q \div 50$

Sand Layer

$1 < T \leq 15$ use $(Q \times T) \div 850$

$T > 15$ use $(Q \times T) + 400$

Stone Layer = _____ $(Q) \div$ _____ $(75 \text{ or } 50) =$ _____ m²

Sand Layer = $($ _____ $(Q) \times$ _____ $(T)) \div (850 \text{ or } 400) =$ _____ m²

☐ F. Type B Dispersal Bed

Area = $(Q \times T) + 400$

Linear Loading Rate (LLR)

$T < 24$ minutes, use 50 L/min

If $T \geq 24$ minutes, use 40 L/min

Area = $($ _____ $(Q) \times$ _____ $(T)) \div 400 =$ _____ m²

Pump chamber capacity = _____ L

Length $(Q \div \text{LLR}) =$ _____ m

Bed configuration = _____ m x _____ m = _____ m²

Number of Beds = _____

Distribution Pipe

Configured as: _____ runs of _____ m Total: _____ m

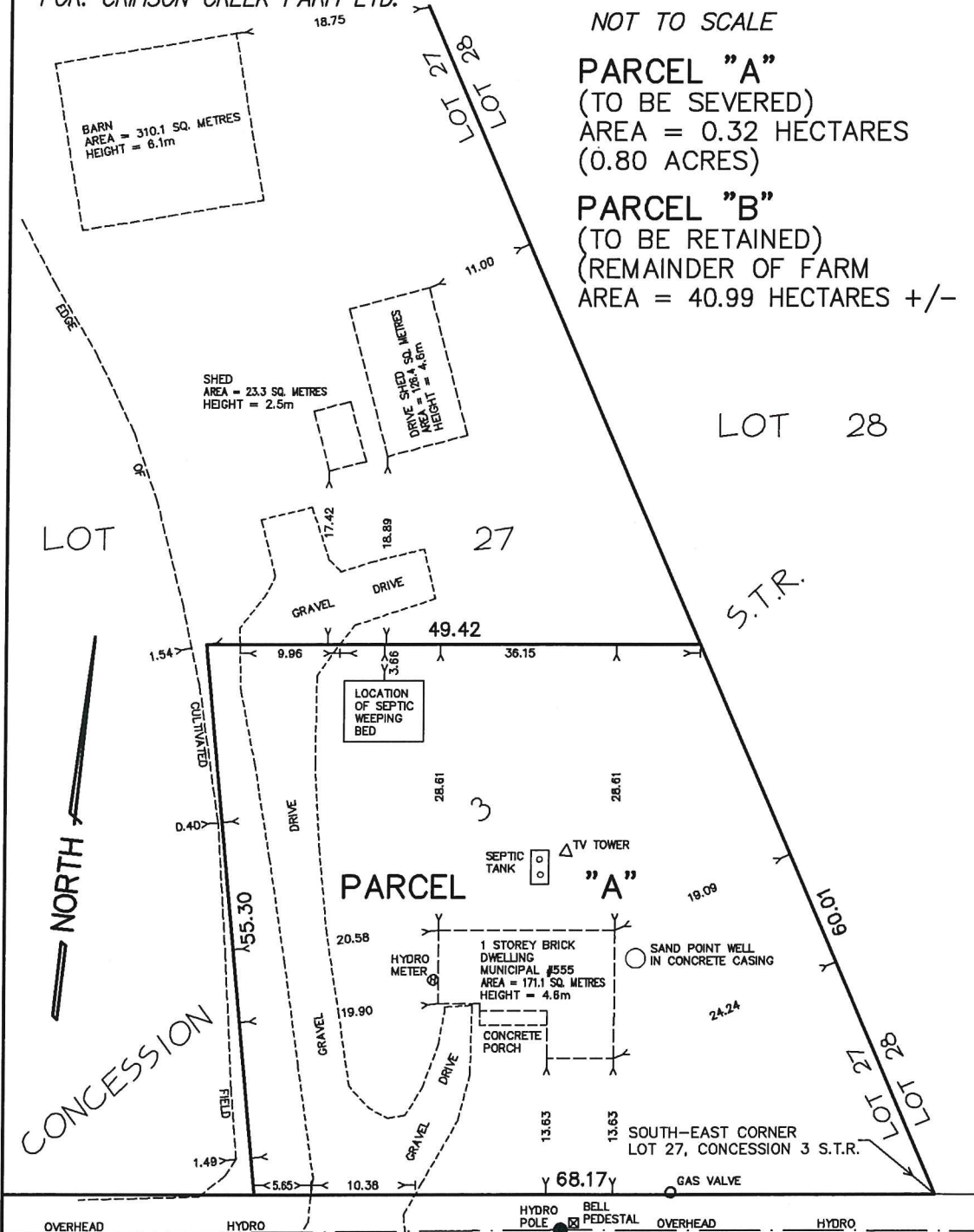
SKETCH

PREPARED ILLUSTRATING PROPOSED SEVERANCE
FOR: CRIMSON CREEK FARM LTD.

NOT TO SCALE

PARCEL "A"
(TO BE SEVERED)
AREA = 0.32 HECTARES
(0.80 ACRES)

PARCEL "B"
(TO BE RETAINED)
(REMAINDER OF FARM)
AREA = 40.99 HECTARES +/-



KNOWN AS 3rd CONCESSION ROAD S.T.R.
ROAD ALLOWANCE BETWEEN CONCESSION 3 & 4 S.T.R.

PROPERTY DESCRIPTION:
PART OF LOT 27
CONCESSION 3 S.T.R.
GEOGRAPHIC TOWNSHIP
OF MIDDLETON
NORFOLK COUNTY

CAUTION

THIS IS NOT A PLAN OF SURVEY AND SHALL
NOT BE USED EXCEPT FOR THE PURPOSE
INDICATED IN THE TITLE BLOCK

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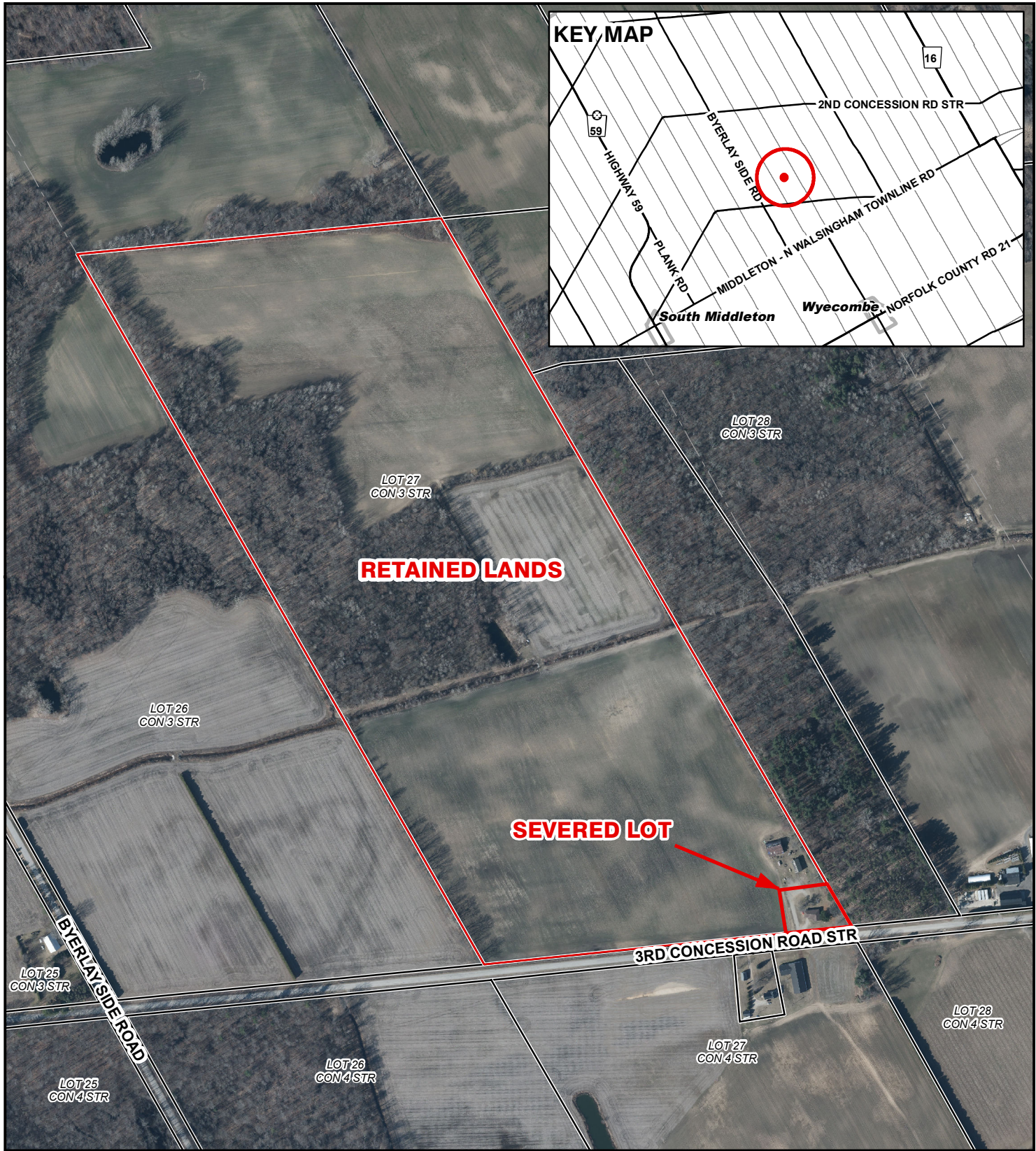
KIM HUSTED SURVEYING LTD.
ONTARIO LAND SURVEYOR

30 HARVEY STREET, TILLSONBURG ONTARIO, N4G 3J8
PHONE: 519-842-3638 FAX: 519-842-3639

PROJECT: 24-19257SKETCH

CRIMSON CREEK FARM LTD.
555 3rd CONCESSION ROAD S.T.R., COURTLAND

REF: DWG. WLP
FILE CKD. XXX



Legend

Subject Lands

Lands Owned

2020 Air Photo

5/30/2024

N

50

25

0

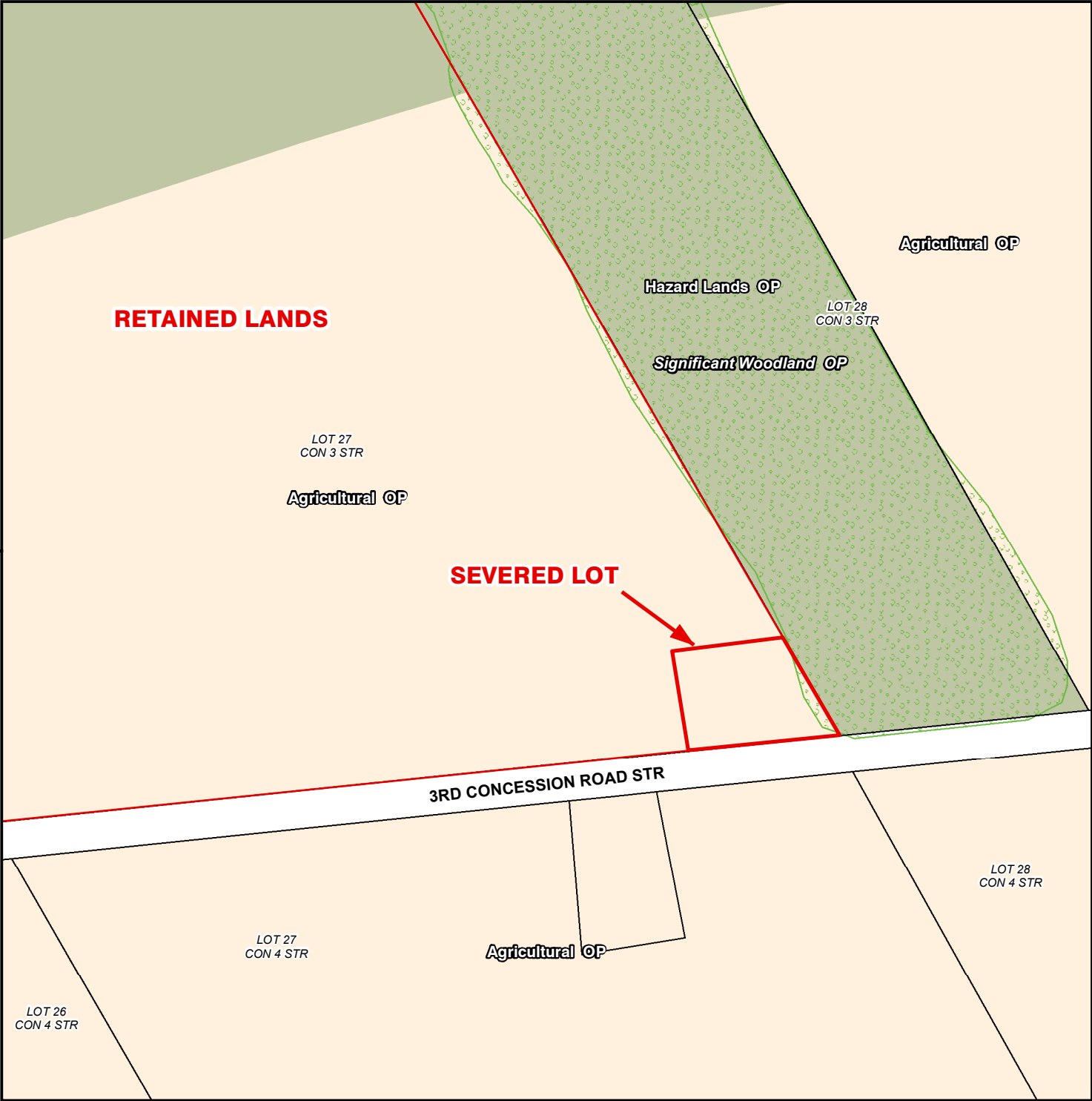
50

100



150

200



Meters



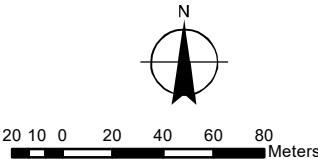
Legend

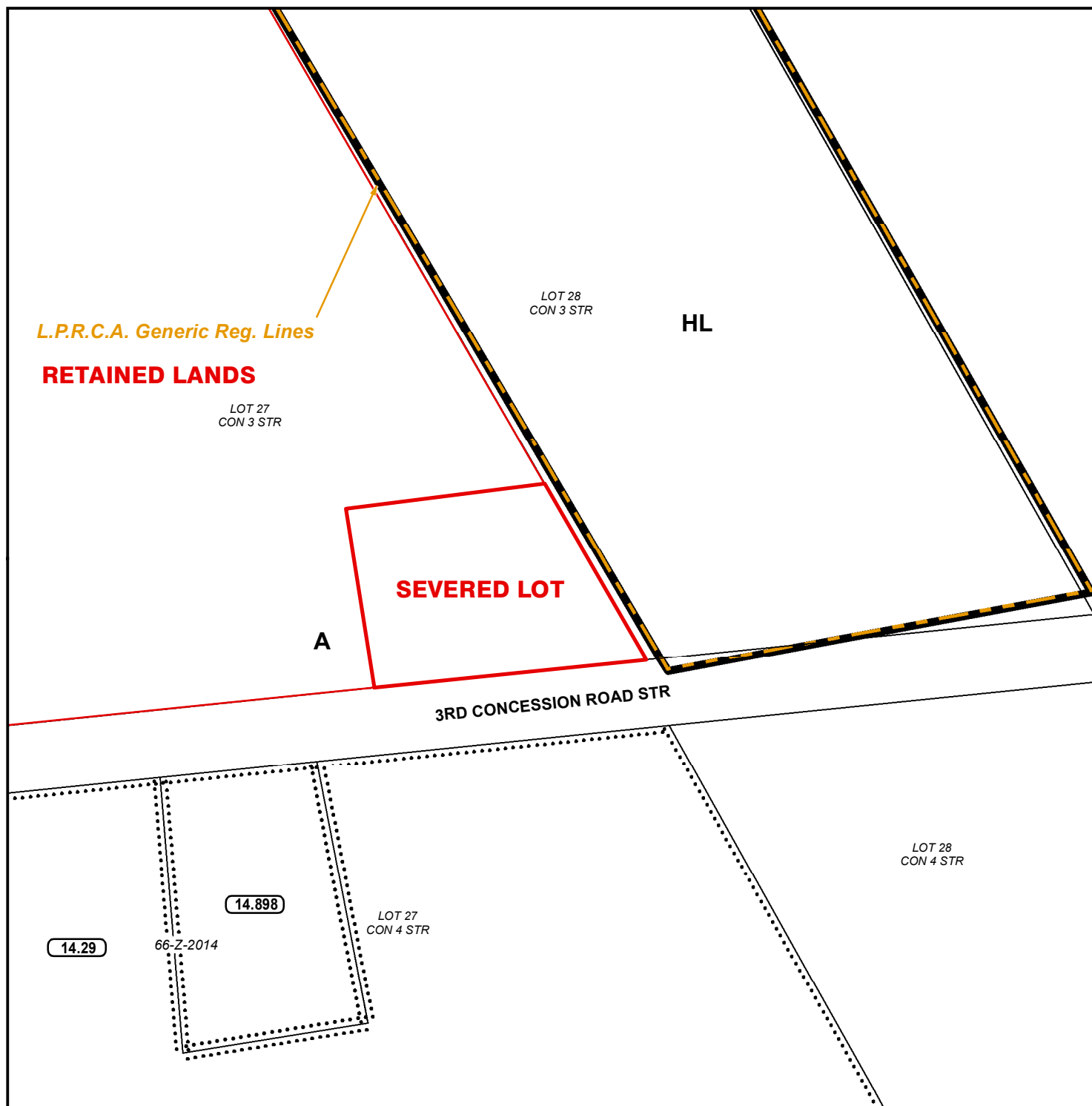
-  Subject Lands
-  Lands Owned

Official Plan Designations

-  Agricultural
-  Hazard Lands
-  Significant Woodland

5/30/2024





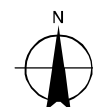
LEGEND

- Subject Lands
- Lands Owned
- LPRCA Generic RegLines

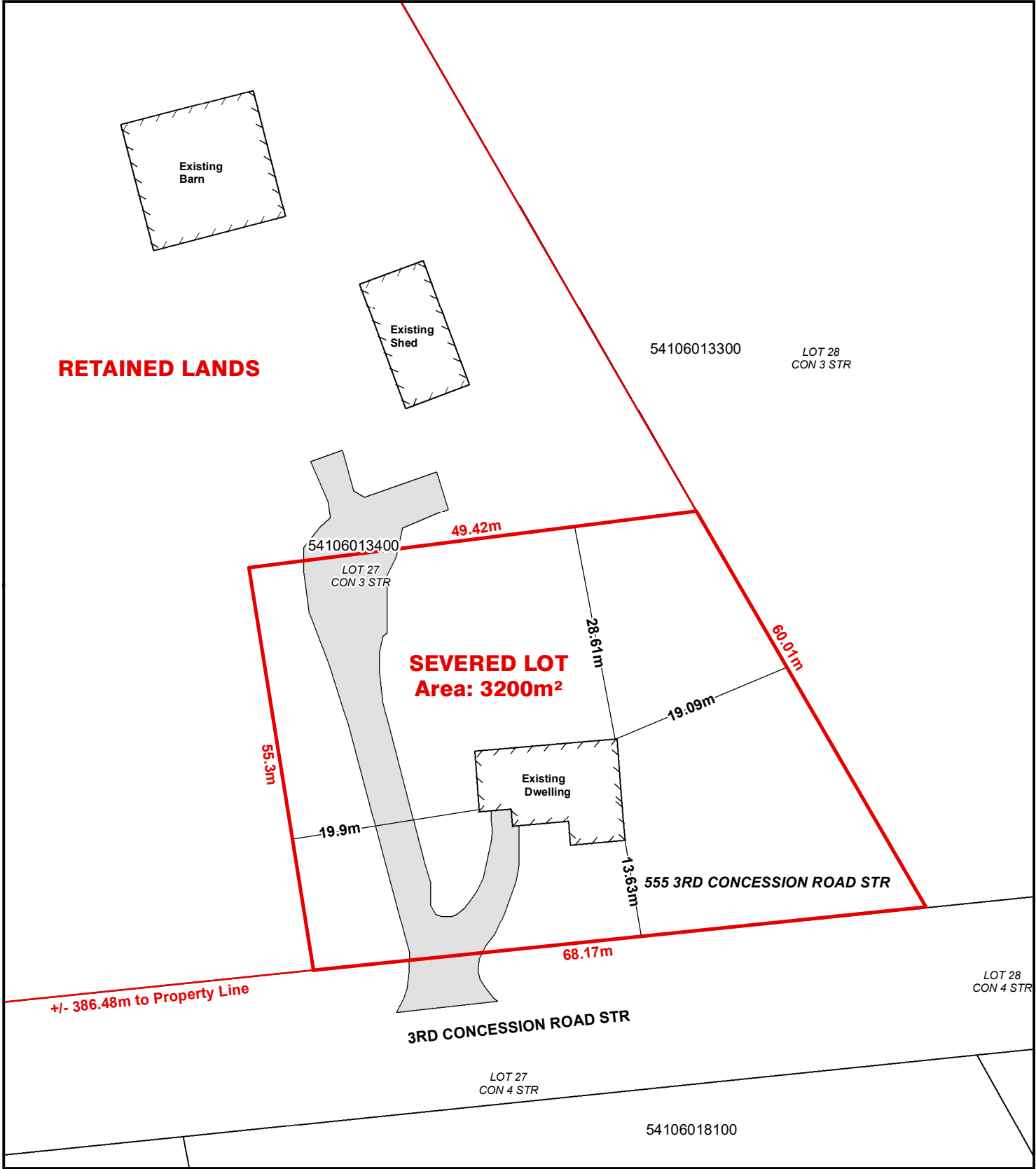
ZONING BY-LAW 1-Z-2014

5/30/2024

(H) - Holding
 A - Agricultural Zone
 HL - Hazard Land Zone

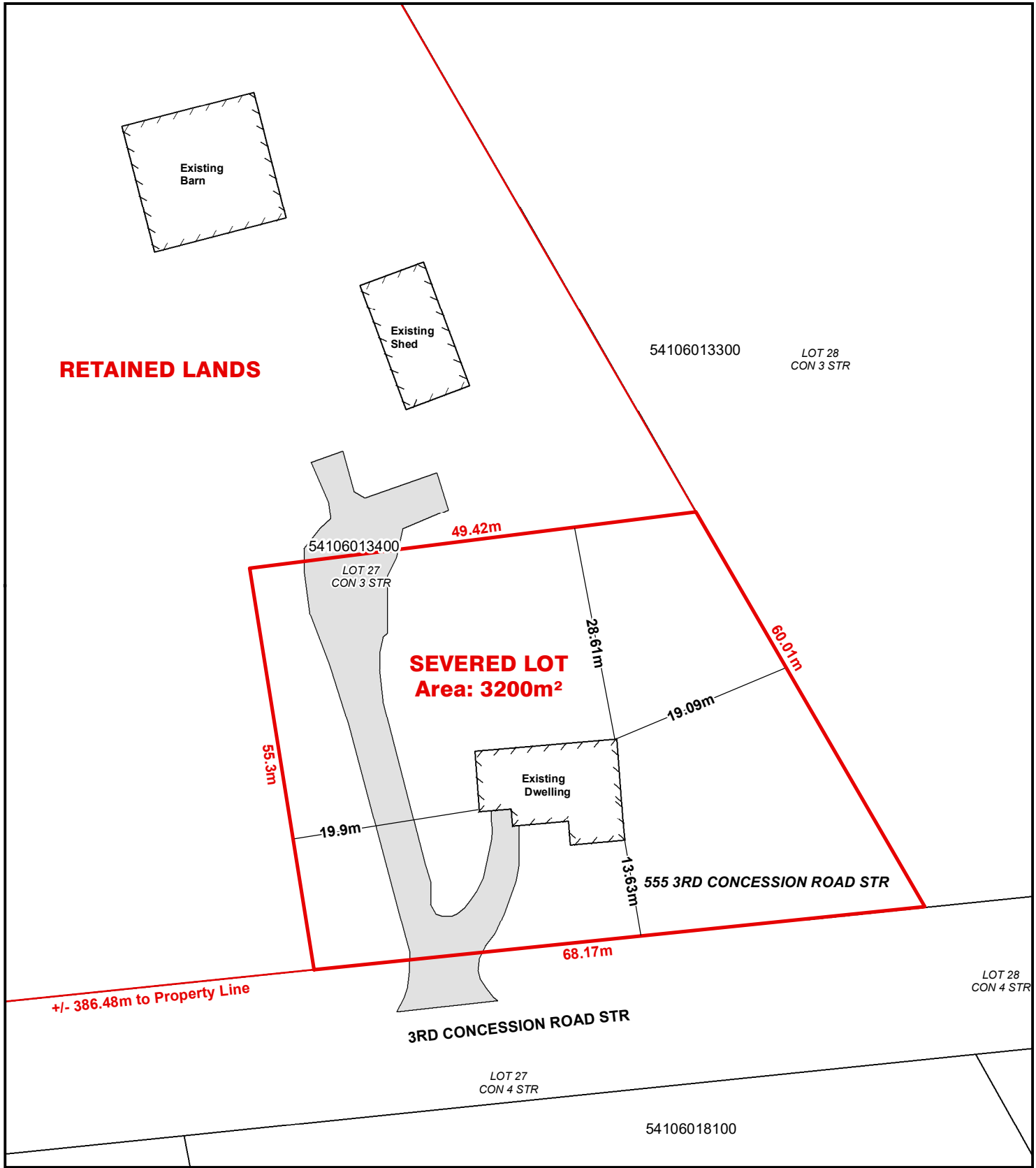


10 5 0 10 20 30 40
 Meters



CONCEPTUAL PLAN

Geographic Township of MIDDLETON



Legend

- Subject Lands
- Lands Owned

5/30/2024

