



AGENDA

Council Meeting

4:00 PM - Thursday, April 23, 2026

Brooke-Alvinston-Inwood Community Centre Auditorium

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11. RISE AND REPORT

12. BY-LAW CONFIRMING PROCEEDINGS

- 12.1. Confirming By-law

13. ADJOURNMENT



MINUTES

Council Meeting

4:30 PM - Wednesday, April 8, 2026
Municipal Office

The Council of the Municipality of Brooke-Alvinston was called to order on Wednesday, April 8, 2026, at 4:30 PM, in the Municipal Office, with the following members present:

Council Present: Mayor David Ferguson, Deputy Mayor Frank Nemcek, Councillor Craig Sanders, Councillor Don McCabe, and Councillor Jenny Redick

Staff Present: Clerk Administrator Janet Denkers, Treasurer Stephen Ikert, Parks & Recreation Manager Greg Thornicroft, Public Works Superintendent Jamie Butler, and Fire Chief Steve Knight

Regrets:

1 CALL TO ORDER

The Mayor called the meeting to order at 4:30 p.m.

2 DISCLOSURE OF PECUNIARY INTEREST

The Mayor requested that any pecuniary interests be declared at the appropriate time during the meeting.

3 MINUTES

a) Regular Council Meeting Minutes of March 25, 2026

RESOLUTION-2026-124

Deputy Mayor Frank Nemcek made a motion that the March 26, 2026 meeting minutes be approved as presented without error or omission. Councillor Jenny Redick seconded the motion.

Carried

b) Special Council Meeting Minutes of March 30, 2026

RESOLUTION-2026-125

Councillor Craig Sanders made a motion that the March 30, 2026 special meeting minutes be approved as amended. Deputy Mayor Frank Nemcek seconded the motion.

Carried

4 BUSINESS ARISING FROM THE MINUTES

March 26, 2026 Minutes: Councillor Redick questioned staff on their opinions on adding items to the CSRIF grant in the past. She stated she was unaware that the boards were included in the tender and questioned why the dressing rooms were not included.

Staff noted the application type - retrofit vs new build, the estimate in the application was \$2.2M and the cost came in much lower. The dasher boards being requested as add in's compliment the project scope and is not an isolated addition to the application.

March 30, 2026 Minutes - the addition of the tender price (\$1,098,300) was requested

to be added to the approval resolution.

5 DELEGATIONS & TIMED EVENTS

- a) Tourism Sarnia Lambton - Adam Veens, Interim Executive Director

Adam Veens provided an overview of how Tourism Sarnia Lambton's can be involved with the Municipality and assist in any assistance in tourism or agritourism events.

6 CORRESPONDENCE

- a) Municipal Correspondence:

RESOLUTION-2026-126

Councillor Jenny Redick made a motion that the circulated correspondence be received and filed. Councillor Craig Sanders seconded the motion.

Carried

- b) Ryan Tax Firm - Municipal Tax Assessments

RESOLUTION-2026-127

Councillor Craig Sanders made a motion that the request from Ryan Tax Firm be received and filed. Deputy Mayor Frank Nemcek seconded the motion.

Carried

- c) Town of Saugeen Shores - Heritage Grant Funding

RESOLUTION-2026-128

Councillor Craig Sanders made a motion that the request from the Town of Saugeen Shores be received and filed. Councillor Don McCabe seconded the motion.

Carried

- d) North East Manitoulin & The Islands - Tar & Chip Surfaces

RESOLUTION-2026-129

Councillor Craig Sanders made a motion that the Municipality of Brooke-Alvinston supports the request from the Town of Northeastern Manitoulin and the Islands to request that the Ministry of Environment reconsider its decision regarding the lighter grade of oil, taking into account the increased number of applications required, as well as the associated additional time, energy, and financial burden placed on municipalities or develops a better alternative oil. Councillor Jenny Redick seconded the motion.

Carried

- e) City of Sarnia - Mayoral Authority & Municipal Police Budget

RESOLUTION-2026-130

Councillor Craig Sanders made a motion that the Municipality of Brooke-Alvinston supports the request from the City of Sarnia to call on all municipalities across Ontario to unite in encouraging an approach that better aligns accountability with decision-making and supports more sustainable municipal governance across Ontario. Councillor Jenny Redick seconded the motion.

Carried

7 STAFF REPORTS

- a) Treasurer's Report: By-law to Adopt the Municipality's 2026 Tax Rates

RESOLUTION-2026-131

Deputy Mayor Frank Nemcek made a motion that Council pass the By-Law to provide for the adoption of the 2026 tax rates for the Municipality of Brooke-Alvinston. Councillor Craig Sanders seconded the motion.

Carried

- b) **Treasurer's Report:** Accounts Payable Listing - March 2026

RESOLUTION-2026-132

Councillor Jenny Redick made a motion that Council receive and file the Accounts Payable Listing for March 2026. Councillor Don McCabe seconded the motion.

Carried

- c) **Clerk Administrator's Report:** Appointment By-law

RESOLUTION-2026-133

Councillor Jenny Redick made a motion that the attached appointment By-law be approved. Councillor Craig Sanders seconded the motion.

Carried

- d) **Clerk Administrator's Report:** Ale House Patio Relocation

RESOLUTION-2026-134

Deputy Mayor Frank Nemcek made a motion that the Council of the Municipality of Brooke-Alvinston has no objections to the Ale House patio to the rear of 3229 River Street provided the noise by-laws are adhered to. Councillor Jenny Redick seconded the motion.

Carried

- e) **Clerk Administrator's Report:** Request for a Special Occasion Permit - Cornhole Tournament

RESOLUTION-2026-135

Councillor Don McCabe made a motion that the Council of the Municipality of Brooke-Alvinston declares the Alvinston Firefighter Association first annual Cornhole Tournament as an event of municipal significance and acknowledges that the AFFA will be applying for a Special Occasion Permit (SOP) Councillor Jenny Redick seconded the motion.

Carried

- f) **Drainage Superintendent's Report:** Chanyi Drain Tender

RESOLUTION-2026-136

Councillor Jenny Redick made a motion that the contract for the Chanyi Drain be awarded to Van Bree Infrastructure in the total amount of \$71,337.80 (including HST). Deputy Mayor Frank Nemcek seconded the motion.

Carried

- g) **Clerk Administrator's Report:** Legion Patio

RESOLUTION-2026-137

Councillor Don McCabe made a motion that the Council of the Municipality of Brooke-Alvinston has no objections to the Alvinston Legion Branch 249 having a temporary outdoor extension to their liquor license in terms of an outside patio at 3259 Nauvoo Road, Alvinston provided the required setback are maintained Councillor Jenny Redick seconded the motion.

Carried

- h) **Public Works Superintendent's Report:** 2026 Concrete Crushing

RESOLUTION-2026-138

Deputy Mayor Frank Nemcek made a motion that Council award the 2026 crushing concrete tender to the lowest bid received from Schouten in the amount of \$32,944.02 (including HST) Councillor Jenny Redick seconded the motion.

Carried

8 BY-LAWS

- a) By-law 21 of 2026 - Tax rate by-law

RESOLUTION-2026-139

Councillor Jenny Redick made a motion that By-law 21 of 2026 be read a first, second and third time and finally passed this 8th day of April, 2026. Councillor Craig Sanders seconded the motion.

Carried

- b) By-law 22 of 2026 - Sale of land By-law (alley)

RESOLUTION-2026-140

Deputy Mayor Frank Nemcek made a motion that By-law 22 of 2026 be read a first, second and third time and finally passed this 8th day of April, 2026. Councillor Craig Sanders seconded the motion.

Carried

- c) By-law 23 of 2026 - Appointment By-law

RESOLUTION-2026-141

Councillor Jenny Redick made a motion that By-law 23 of 2026 be read a first, second and third time and finally passed this 8th day of April, 2026. Councillor Craig Sanders seconded the motion.

Carried

9 NEW BUSINESS

- a) Engineering proposal for Petrolia Line.

In a submitted report, the Public Works Superintendent presented options for the design & tendering and construction supervision of rehabilitation work on a section of Petrolia Line east from crest of hill to crest of hill through Browns Creek valley. The amount was presented at \$22,000 + HST by Black Creek Engineering.

A road needs study was also presented in the amount of \$29,000 + HST which would encompass all Brooke-Alvinston roads.

Councillor Sanders presented 6 letters he received from residents on the condition of Rokeby

RESOLUTION-2026-142

Councillor Jenny Redick made a motion that Council approve the estimate provided by Black Creek Engineering to provide engineering services for design, project management and contract administration for a section of Petrolia Line from crest of hill to crest of hill through the Brown's Creek valley in the amount of \$22,000 + HST; and that this method of approval of Engineer be used vs the method of tendering for services as the estimate was requested and provided in a timely manner at the request of Council; that the Municipality has a good working relationship with Black Creek Engineering; and that the

Engineer is familiar with the area. Councillor Craig Sanders seconded the motion.

Carried

b) Placement of Fairboard Sign

The Parks and Recreation Manager advised of the cleanup he will be doing at the skateboard park signage area with new posts added to the current sign and the Fairboard sign erected in the same raised bed.

c) Tennis Courts

Councillor Redick inquired about the status of the tennis court resurfacing. The Parks & Recreation Manager noted in discussions with the Optimist Club, the planned work will likely take place after Canada Day.

d) Councillor Redick noted the success of the U18 and U15 ELMHA teams reaching finals. In addition the victory of the Alvinston Killer Bees was noted.

e) Councillor Nemcek advised Council of the Optimist Food Drive planned for April 12th

f) The Parks & Recreation Manager advised that the ice is out and construction is beginning April 9th on the arena floor.

g) The Public Works Superintendent advised the 2026 gravel process has started

10 CLOSED SESSION

11 RISE AND REPORT

12 BY-LAW CONFIRMING PROCEEDINGS

a) By-law 24 of 2026 - Confirming By-law

RESOLUTION-2026-143

Councillor Don McCabe made a motion that By-law 24 of 2026 be read a first, second and third time and finally passed this 8th day of April, 2026. Councillor Jenny Redick seconded the motion.

Carried

13 ADJOURNMENT

The meeting was adjourned at 5:30 p.m.

Clerk-Administrator

Mayor

Tait-Swartz Drain
Municipality of Brooke-Alvinston
February 27, 2026

SCHEDULE OF ASSESSMENT
Recommended for Court of Revision

To improve the Main Drain south from Oil Springs Line, improve the closed portion of the West Branch, improve the channel portion of the East Branch and incorporate and improve the open channel downstream from the Main Drain to Ebenezer Road.

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner	Special Benefit	Benefit	Outlet	Total	
Agricultural Lands									
2	Npt. L11	4.47(4.47)	10-086	D. Pasut			4,663.00	4,663.00	
	N1/2 L12	33.53(3.73)	10-088	R. Van Damme	8,961.00	82,097.00	49,832.00	140,890.00	
	S1/2 L12	3.40	10-089	R. Van Damme			5,510.00	5,510.00	
3	SW1/4 L11	0.74	10-141	D. Pasut			3,463.00	3,463.00	
	SE1/4 L11	20.23	10-142	RVD Farms Limited		31,857.00	61,454.00	93,311.00	
	SW1/4 L12	20.23	10-143	RVD Farms Limited		25,528.00	56,643.00	82,171.00	
	SE1/4 L12	10.3	10-144	S. Swartz		849.00	19,955.00	21,479.00	
	N1/2 L12	2.93(2.93)	10-145	R. Werden	675.00		3,482.00	3,482.00	
number in brackets represents bush lands or surface water only (assessed at half rate)					Total Special Benefit	9,636.00	140,331.00	205,002.00	354,969.00
					Total Benefit	140,331.00			
					Total Outlet	205,002.00			
Total Agricultural Lands						354,969.00			
Non Agricultural Lands									
2	pt.N1/2 L12	0.39	10-088-05	J. Mills			1,530.00	1,530.00	
					Total Benefit				
					Total Outlet	1,530.00		1,530.00	
Total Non-Agricultural Lands							1,530.00	1,530.00	

Schedule of Assessment (cont'd)

Conc. Part	Lot or Part	Affected Hect.	Roll No.	Owner	Special Benefit	Benefit	Outlet	Total
Public Lands: roads								
	Oil Springs Line	1.99		Municipality of Brooke-Alvinston	38,128.00	7,926.00	11,586.00	57,640.00
				Total Special Benefit	38,128.00	7,926.00	11,586.00	57,640.00
				Total Benefit	7,926.00			
				Total Outlet	11,586.00			
				Total Public Lands: Roads	57,640.00			
Public Utilities								
Communication								
				Brooke Telecom	6,338.00	0.00		6,338.00
				Total Utilities	6,338.00	0.00		6,338.00
				Total Public Lands: Roads	57,640.00			
				Total Non-Agricultural Lands	1,530.00			
				Total Agricultural Lands	354,969.00			
				Total Assessment	\$420,477.00			

Davidson Drain North
Municipality of Brooke-Alvinston
December 19, 2025

SCHEDULE OF ASSESSMENT

To incorporate one access culvert that was replaced under emergency designation, provide future design and sizing for the road culvert under Churchill Line, and update the Schedule of Maintenance.

Cone.	Lot or Part	Affected Hect.	Roll No.	Owner	Culvert		Channel		Total
					Benefit	Outlet	Benefit	Outlet	
Municipality of Brooke-Alvinston									
Agricultural Lands									
14	pt. NE 1/4 Lot 24	2.02	50-136	S. Cran	-	284.00	-	17.00	301.00
	pt. Lot 25 & Lot 26	36.42	50-140	R. Davidson	-	5,119.00	-	308.00	5,427.00
	pt. W 1/2 Lot 26	2.61	50-141	C. Munro	16,262.00	-	-	22.00	16,284.00
					16,262.00	5,403.00	-	347.00	22,012.00
Municipal Lands									
	Churchill Line (1/2)	1.29		Municipality of Brooke-Alvinston	500.00	725.00	-	44.00	1,269.00
	Hardy Creek Road	0.53		Municipality of Brooke-Alvinston	-	223.00	-	13.00	236.00
				Total Municipal Lands	500.00	948.00	-	57.00	1,505.00
				Total Agricultural Lands	22,012.00				
				Total Municipal Lands	1,505.00				
				Total - Municipality of Brooke-Alvinston	23,517.00				

Conc.	Lot or Part	Affected Acre	Roll No.	Owner	Culvert		Channel		Total
					Benefit	Outlet	Benefit	Outlet	
Township of Warwick									
Agricultural Lands									
6 SER	pt. W 1/2 Lot 25	2.83	001-016	L. Brooks	-	398.00	-	24.00	422.00
	W 1/2 E 1/2 Lot 25	5.67	001-017	R. Davidson	-	446.00	-	27.00	473.00
	E 1/2 Lot 25	13.76	001-018	R. Davidson	-	1,934.00	-	116.00	2,050.00
	W 1/2 Lot 26	37.23	001-019	F. Sanders	-	5,233.00	-	315.00	5,548.00
	E 1/2 Lot 26	10.52	001-020	Supersweet Honey Ltd.	-	1,479.00	-	89.00	1,568.00
				Total Agricultural Lands	-	9,490.00	-	571.00	10,061.00
Municipal Lands									
	Churchill Line (1/2)	0.75		Township of Warwick	500.00	422.00	-	25.00	947.00
				Total Municipal Lands	500.00	422.00	-	25.00	947.00
				Total Agricultural Lands	10,061.00				
				Total Municipal Lands	947.00				
				Total - Township of Warwick	11,008.00				
				Total - Municipality of Brooke-Alvinston	23,517.00				
	Total Area	113.63		Total Assessment	34,525.00				



4218 Oil Heritage Road
 Petrolia, Ontario, N0N 1R0
 Phone: (519) 882-0032 Fax: (519) 882-2233
 www.dobbineng.com

March 20, 2026

The Mayor and Council
 Municipality of Brooke-Alvinston
 P. O. Box 28
 3236 River Street
 Alvinston, Ontario
 N0N 1A0

Gentlemen & Mesdames:

Re: Morley Zavitz Drain

In accordance with your instructions, R. Dobbin Engineering has undertaken an examination of the Morley Zavitz Drain with regards to making drainage improvements in Lot 17 and 18, Concession 11 and Lot 18, Concession 10, in the Municipality of Brooke-Alvinston. The work will include the replacement of the entire tile drain complete with catch basins and improvements to the open channel. The course of the work has been surveyed with elevations taken as necessary.

Authorization under the Drainage Act

This Engineers Report has been prepared under Section 78 of the Drainage Act as per the request of an affected Owner.

R. Dobbin Engineering was appointed on May 23, 2024.

Section 78 of the Drainage Act states that, where, for the better use, maintenance or repair of any drainage works constructed under a bylaw passed under this Act, or of lands or roads, it is considered expedient to change the course of the drainage works, or to make a new outlet for the whole or any part of the drainage works, or to construct a tile drain under the bed of the whole or any part of the drainage works as ancillary thereto, or to construct, reconstruct or extend embankments, walls, dykes, dams, reservoirs, bridges, pumping stations, or other protective works as ancillary to the drainage works, or to otherwise improve, extend to an outlet or alter the drainage works or to cover the whole or any part of it, or to consolidate two or more drainage works, the Council whose duty it is to maintain and repair the drainage works or any part thereof may, without a petition required under Section 4 but on the report of an Engineer appointed by it, undertake and complete the drainage works as set forth in such report.

Existing Drainage

The Morley Zavitz Drain is a covered tile drain with an auxiliary open channel drain located in Lot 18, Concession 10 and 11 that outlets to Browns Creek on the south side of Petrolia Line. The existing tile drain consists of approximately 91 meters of 300mm diameter concrete tile, approximately 91 meters of 250mm concrete tile, and three concrete catchbasins. The existing auxiliary open channel is located along the north side of Petrolia Line east of Nauvoo Road and south of Petrolia Line in Lot 18, Concession 10.

The drain was constructed under an Engineer's Report dated October 3, 1960 prepared by J.A. Montieth, P.Eng.

Onsite Meeting

An Onsite Meeting was held on July 10, 2024.

The following were present at the Meeting:

- David Moores (R. Dobbin Engineering)
- Jamie Butler (Municipality of Brooke-Alvinston)
- Dave Ferguson (Municipality of Brooke-Alvinston)
- Merrick Vander Vaart (SCRCA)
- Matt McRae (Landowner)
- Bob Jansscas (Landowner)
- Chad Wright (Landowner)

The following is a brief summary of the meeting:

- General discussion of the Drainage Act and Landowners rights under the Drainage Act.
- Landowners were made aware that a request was received to investigate the tile drain size and replace as required.
- Landowners present requested the outlet be investigated for sufficient outlet and that the open channel be cleaned out.
- It was discussed at the meeting that the tile would be bored under both Nauvoo Road and Petrolia Line.
- The Road Superintendent for Brooke Alvinston informed the Engineer that the road crossing pipe under Petrolia Line was recently replaced.
- The County of Lambton informed the Engineer that the road crossing pipes under Petrolia Line would be replaced the summer of 2024.

No adverse soil conditions were noted at the site meeting.

Investigation

The drain was surveyed for its entire length. All utilities in the road allowance for Nauvoo Road and Petrolia Line were exposed and surveyed to confirm depths and to ensure there were no conflicts with the municipal tile drain. The tile drain was exposed and surveyed on the west side of Nauvoo Road to confirm location and depth as the existing report stated that a catchbasin was present. The catchbasin was found, but it had been converted to a junction box at some point since the last Engineer's report.

The road crossing pipe under Petrolia Line east of Nauvoo Road was inspected and it is in good condition and does not require any proposed work at this time. The County of Lambton replaced the road crossing pipe under Petrolia Line west of Nauvoo Road and the road crossing pipe under Nauvoo Road in the summer of 2024. When these pipes were replaced the Contractor for the County built a berm in the open channel portion of the Morley Zavitz Drain on the east side of Nauvoo Road to direct water directly into the closed tile drain.

The open channel on the north side of Petrolia Line and south of Petrolia Line need to be brushed and cleaned out with the berm that was installed by the County removed.

Design

The existing tile drain size and capacity was reviewed and determined to be too small for today's design standards. The proposed tile drain shall be designed to accommodate a drainage coefficient of 38mm in 24 hours in accordance with the Drainage Guide for Ontario (Publication 29). Tile design criteria shall include a minimum tile depth of 760mm and a minimum freeboard of 300mm at the outlet.

Recommendations

It is therefore recommended that the following work be carried out:

1. A tile drain with sufficient capacity for upstream waters shall be constructed from the west side of Nauvoo Road east and then south to a sufficient outlet for a distance of 182 meters.
2. The open channel shall be brushed and cleaned out as required.
3. The road crossing pipes under Petrolia Line and Nauvoo Road shall be replaced.
4. Catchbasins shall be installed on the west side of Nauvoo Road, the east side of Nauvoo Road, and the north side of Petrolia Line.
5. An energy diffuser shall be installed at the outlet of the proposed covered drain.

Estimate of Cost

It is recommended that the work be carried out in accordance with the accompanying Specification of Work and the Profile, which form part of this Report. There has been prepared an Estimate of Cost in the amount of \$152,882.00 including the cost of engineering for preparation of the Report, attendance at the Meeting to Consider, and attendance at the Court of Revision. An estimate for tendering, inspection, and contract administration has been provided. Appearances before appeal bodies have not been included in the cost estimate.

A Plan has been prepared showing the location of the work and the approximate drainage area. A Profile is included showing the depths and grades of the proposed work.

Assessment

As per Section 21 of the Drainage Act, the Engineer in his report shall assess for benefit and outlet for each parcel of land and road liable for assessment.

Lands, roads, buildings, utilities, or other structures that are increased in value or are more easily maintained as a result of the construction, improvement, maintenance, or repair of a drainage works may be assessed for benefit. (Section 22)

Lands and roads that use a drainage works as an outlet, or for which, when the drainage works is constructed or improved, an improved outlet is provided either directly or indirectly through the medium of any other drainage works or of a swale, ravine, creek, or watercourse may be assessed for outlet. The assessment for outlet shall be based on the volume and rate of flow of the water artificially caused to flow into the drainage works from the lands and roads liable for such assessments. (Section 23)

The Engineer may assess for special benefit any lands for which special benefits have been provided by the drainage works. (Section 24)

A Schedule of Assessment for the lands and roads affected by the work and therefore liable for the cost thereof will be prepared as per the Drainage Act. Also, assessments may be made against any public utility or road authority, as per Section 26 of the Drainage Act, for any increased cost for the removal or relocation of any of its facilities and plant that may be necessitated by the construction or maintenance of the drainage works. Items to be assessed under Section 26, as specified, shall be tendered separately with the actual cost plus a portion of the engineering (20% of the construction cost).

The estimated cost of the drainage works has been assessed in the following manner:

1. The cost of constructing the covered drain south of Petrolia Line has been assessed with 25% of the cost applied as benefit assessment to roll no. 50-07710 and 75% of the cost applied as outlet assessment to the upstream lands and roads based on equivalent hectares.
2. The cost of constructing the covered drain along the north side of Petrolia Line has been assessed with 25% of the cost applied as benefit assessment and 75% applied as outlet assessment to the upstream lands and roads based on equivalent hectares. The benefit assessment has been split equally between roll no. 50-035 and roll no. 50-038.
3. The cost of improving the open channel drain south of Petrolia Line has been assessed with 25% of the cost applied as benefit assessment and 75% applied as outlet assessment to the upstream lands and roads based on equivalent hectares. The benefit assessment has been split with 1/3 of the costs assessed to the road authority for Petrolia Line and 2/3 of the costs assessed to roll no. 50-00710.
4. The cost of improving the open channel drain along the north side of Petrolia Line has been assessed with 25% of the cost applied as benefit assessment and 75% applied as outlet assessment to the upstream lands and roads based on equivalent hectares. The benefit assessment has been split with 1/3 of the costs assessed to the road authority for Petrolia Line (Municipality of Brooke-Alvinston), 1/3 of the costs assessed to the road authority for Nauvoo Road (County of Lambton), and 1/3 of the costs assessed to roll no. 50-038.
5. As per Section 26 of the Drainage Act, the road authority has been assessed the increased cost of the drainage works caused by the existence of the works of the public utility or road. The road crossings for Petrolia Line and Nauvoo Road have been assessed with 100% of the cost assessed as a special benefit assessment to the road authority. These items shall be tendered separately with the actual cost plus a portion of the engineering (25% of the construction cost).

Included in the estimate under the Petrolia Line works, is daylighting and working around utilities if necessary. This item has been included as a provisional item. If this work is completed, the actual cost plus a portion of engineering (25% of the cost) shall be divided equally between the utility companies located in the R.O.W.

6. DICB #1 has been assessed as a benefit assessment with 1/3 of the cost assessed to the road authority for Petrolia Line (Municipality of Brooke-Alvinston) and 2/3 of the cost assessed to roll no. 50-038.

7. CB #2 has been assessed as a benefit assessment with 50% of the cost assessed to the road authority for Petrolia Line (Municipality of Brooke-Alvinston) and 50% of the cost assessed to the road authority for Nauvoo Road (County of Lambton).
8. CB #3 has been assessed as a benefit assessment with 1/3 of the cost assessed to the road authority for Petrolia Line (County of Lambton), 1/3 of the cost assessed to the road authority for Nauvoo Road (County of Lambton), and 1/3 of the cost assessed to roll no. 50-035.
9. The remaining cost of the drainage works has generally been assessed with 100% of the cost applied as outlet assessment to the upstream lands and roads based on equivalent hectares.

Allowances

Under Section 29 of the Drainage Act, the Engineer in his report shall estimate and allow in money to the Owner of any land that it is necessary to use for the construction or improvement of a drainage works or for the disposal of material removed from a drainage works. This shall be considered an allowance for right of way.

Under Section 30 of the Drainage Act, the Engineer shall determine the amount to be paid to persons entitled thereto to damage, if any, to ornamental trees, fences, land, and crops occasioned by the disposal of material removed from a drainage works. This shall be considered an allowance for damages.

Allowances have been made, where appropriate, as per Section 29 & 30 of the Drainage Act. Allowances for right of way are based on a land value of \$49,400.00 per hectare (\$20,000.00 per acre). Allowances for crop loss are based on \$2,000.00 per hectare for the first year and \$1,000.00 for the second year (\$3,000.00 per hectare total).

Based on the proposed work in this report, allowances were paid under Section 30.

Access and Working Area

Access to the drain for the construction and future maintenance of the proposed tile drain shall be from Petrolia Line or Nauvoo Road and along the length of the drainage works.

The working area for construction and future maintenance of the proposed covered drain and open channel south of Petrolia Line shall be restricted to a width of 20 meters centered on the tile or a width of 20 meters extending west from the top of the west drain bank of the open channel.

The working area for construction and future maintenance of the proposed covered drain and open channel on the north side of Petrolia Line shall be restricted to a width of 20 meters extending north from the top of the north drain bank of the open channel.

Approvals and Drain Classification

The Morley Zavitz Drain is both an open drain and a covered drain. The open drain is classified as Class “F”.

Class “F” drains are intermittent or ephemeral (dry for more than three consecutive months). The proposed work will require a permit from the St. Clair Region Conservation Authority. No authorization is required from Fisheries and Oceans if the work is completed in the dry. No works can take place until all approvals are received.

The proposed improvements will have very little effect on the drainage works if carried out during low flows in the channel.

Restrictions

No trees and shrubs shall be planted nor shall permanent structures be erected within 10 metres of either side of the proposed drain without prior written permission of Council. If trees are planted that interfere with access for future maintenance of the drainage works, they shall be removed at the expense of the Owner.

Attention is also drawn to Sections 80 and 82 of the Drainage Act that refer to the obstruction of a drainage works.

Agricultural Grant

It is recommended that application for subsidy be made for eligible farm tax class agricultural properties by the Municipality. The Ontario Ministry of Agricultural, Food, and Agribusiness offers the “Agricultural Drainage Infrastructure Program (ADIP)”. This program will pay 1/3 of any eligible agricultural assessments that meet the criteria contained within the policy.

Any assessments against non agricultural properties are shown separately in the Schedule of Assessment.

Maintenance

Upon completion of the work, the drainage works shall be maintained and repaired as per the specifications contained within this report and assessed out using the applicable Schedule of Maintenance, unless otherwise altered under provisions of the Drainage Act or as outlined below. Separate Maintenance Schedules have been provided for the open channel and covered drain.

The outlet of the tile drain (energy diffuser) shall be repaired and maintained with the costs assessed as outlet assessment to upstream lands and roads based on equivalent hectares contained within Schedule of Maintenance No. 1.

The covered drain under Petrolia Line shall be maintained and repaired at the expense of the Road Authority for the Municipality of Brooke-Alvinston as per Section 26 of the Drainage Act.

The covered drain under Nauvoo Road shall be maintained and repaired at the expense of the Road Authority for the County of Lambton as per Section 26 of the Drainage Act.

DICB #1 shall be maintained and repaired based on the specifications within this report and assessed out with 1/3 of the cost assessed to the road authority for Petrolia Line (Municipality of Brooke-Alvinston) and 2/3 of the cost assessed to roll no. 50-038.

CB #2 shall be maintained and repaired based on the specifications within this report and assessed out with 50% of the cost assessed to the road authority for Petrolia Line (Municipality of Brooke-Alvinston) and 50% of the cost assessed to the road authority for Nauvoo Road (County of Lambton).

CB #3 shall be maintained and repaired based on the specifications within this report and assessed out with 1/3 of the cost assessed to the road authority for Petrolia Line (County of Lambton), 1/3 of the cost assessed to the road authority for Nauvoo Road (County of Lambton), and 1/3 of the cost assessed to roll no. 50-035.

Any extra cost as a result of the location of underground utilities shall be assessed to the utility as per Section 26 of the Drainage Act.

All of the above is submitted for your consideration.

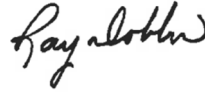
Yours truly,

Report Prepared By:

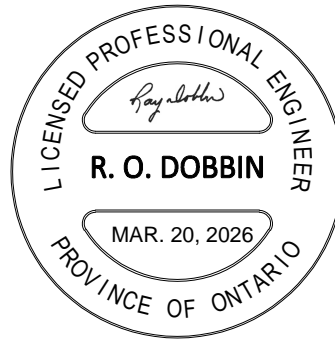


David Moores, C.E.T.

Report Approved By:



Ray Dobbin, P. Eng.



Morley Zavitz Drain
Municipality of Brooke-Alvinston
March 20, 2026

ALLOWANCES

Allowances have been made as per Section 30 of the Drainage Act for damages to lands and crops.

Conc.	Lot or part	Roll No.	Owner	Section 30 (\$)	Total (\$)
10	N1/2 Lot 18	50-00710	W. Milliken	600	600
11	SE1/4 Lot 17	50-035	M. McRae	180	180
		50-038	Brooke Valley Farms Inc.	720	720
TOTAL ALLOWANCES				\$1,500	\$1,500

Morley Zavitz Drain
Municipality of Brooke-Alvinston
March 20, 2026

Page 1 of 2

Estimate of Cost

To improve the Morley Zavitz Drain.

<u>Item Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Cost (\$)</u>	<u>Total (\$)</u>
Pre-Construction Meeting	1	LS	250.00	250.00
Benchmark Loop	1	LS	250.00	250.00
<u>Tile Drain Work:</u>				
Locate & Crush Existing 250mmø Tile Drain	1	LS	2,000.00	2,000.00
Strip and Place Topsoil	104	m	6.00	624.00
S. & I. 450mmø HDPE Pipe c/w Drainage Stone Bedding	104	m	210.00	21,840.00
S. & I. Rodent Grate at Outlet	1	LS	200.00	200.00
S. & I. 450mmø 45 degree Bends	2	ea	500.00	1,000.00
S. & I. Concrete Block Energy Diffuser	1	LS	2,500.00	2,500.00
S. & I. Rip Rap at Outlet	22	tonne	125.00	2,750.00
Reconnect Existing Tile Drains (P)	10	ea	100.00	1,000.00
				<u>31,914.00</u>
<u>Open Channel Work:</u>				
Brushing	121	m	8.00	968.00
Open Channel Excavation	121	m	6.00	726.00
Levelling	121	m	2.00	242.00
Environmental Considerations	1	Ea	1.00	300.00
				<u>2,236.00</u>
<u>Petrolia Line (Section 26):</u>				
S. & I. 510mmø Steel Casing Pipe (Jack & Bore)	30	m	700.00	21,000.00
Daylight and Work Around Existing Utilities (P)	1	LS	1,500.00	1,500.00
Traffic Control	1	LS	2,000.00	2,000.00
Grout Existing 300mm dia. Road Crossing	1	LS	1,500.00	1,500.00
Restoration	1	LS	1,500.00	1,500.00
				<u>27,500.00</u>
<u>Nauvoo Road (Section 26):</u>				
S. & I. 510mmø Steel Casing Pipe (Jack & Bore)	35	m	700.00	24,500.00
Daylight and Work Around Existing Utilities (P)	1	LS	1,500.00	1,500.00
Traffic Control	1	LS	2,000.00	2,000.00
Grout Existing 300mm dia. Road Crossing	1	LS	1,500.00	1,500.00
Restoration	1	LS	1,500.00	1,500.00
				<u>31,000.00</u>
<u>Catchbasins</u>				
S. & I. 900mm x 1200mm DICB #1 c/w Bedding, Rip Rap, Bird Cage Grate, & Connections	1	LS	3,500.00	3,500.00
S. & I. 900mm x 1200mm CB #2 c/w Bedding, Rip Rap, Bird Cage Grate, & Connections	1	LS	3,000.00	3,000.00
S. & I. 900mm x 1200mm CB #3 c/w Bedding, Rip Rap, Bird Cage Grate, & Connections	1	LS	3,000.00	3,000.00
				<u>9,500.00</u>

<u>Item Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Cost (\$)</u>	<u>Total (\$)</u>
Contingency				5,180.00
				<hr/>
Sub Total				107,830.00
Allowances				1,500.00
Engineering				22,572.00
Tendering, Inspection, & Contract Administration				8,000.00
Survey & Daylight Utilities				9,800.00
SCRCA Permit				570.00
				<hr/>
Total Estimate excluding HST				150,272.00
Non-Recoverable HST (1.76%)				2,610.00
				<hr/>
Total Estimate				152,882.00

SCHEDULE OF ASSESSMENT

To improve the Morley Zavitz Drain.

Conc.	Lot or Part	Affected Hectares	Roll No.	Owner	Special Benefit (\$)	Benefit (\$)	Outlet (\$)	Total (\$)
Agricultural Lands:								
10	N1/2 Lot 17	0.50	50-004	C. Wright	-	-	379.00	379.00
	N1/2 Lot 18	1.38	50-00710	W. Milliken	-	5,339.00	190.00	5,529.00
11	W1/2 Lot 17	2.63	50-034	Walnut Acres Farms Ltd.	-	-	1,996.00	1,996.00
	SE1/4 Lot 17	18.17	50-035	M. McRae	-	3,398.00	13,788.00	17,186.00
	S1/2 Lot 18	22.90	50-038	Brooke Valley Farms Inc.	-	5,292.00	10,542.00	15,834.00
Total Agricultural Lands					-	14,029.00	26,895.00	40,924.00
Public Lands: Roads								
	Nauvoo Road	2.46		County of Lambton	39,304.00	3,447.00	7,467.00	50,218.00
	County Rd #4	0.37		County of Lambton	-	1,334.00	1,123.00	2,457.00
	Petrolia Line	1.22		Municipality of Brooke-Alvinston	38,607.00	3,806.00	2,851.00	45,264.00
Total Public Lands: Roads					77,911.00	8,587.00	11,441.00	97,939.00
Public Utilities								
	Telecom			Brooke Telecom	4,673.00	-	-	4,673.00
	Gas			Enbridge Pipelines	4,673.00	-	-	4,673.00
	Water			Municipality of Brooke-Alvinston	4,673.00	-	-	4,673.00
Total Public Utilities					14,019.00	-	-	14,019.00
Total Agricultural Lands					40,924.00			
Total Public Lands: Roads					97,939.00			
Total Public Utilities					14,019.00			
Total Area					45.58			
Total Assessment					152,882.00			

SCHEDULE OF MAINTENANCE NO.1

To maintain the open channel south of Petrolia Line.

Conc.	Lot or Part	Affected Hectares	Roll No.	Owner	Benefit (\$)	Outlet (\$)	Total (\$)	Equivalent Hectares
Agricultural Lands:								
10	N1/2 Lot 17	0.50	50-004	C. Wright	-	6.00	6.00	0.50
	N1/2 Lot 18	1.38	50-00710	W. Milliken	167.00	-	167.00	1.38
	W1/2 Lot 17	2.63	50-034	Walnut Acres Farms Ltd.	-	33.00	33.00	2.63
	SE1/4 Lot 17	18.17	50-035	M. McRae	-	226.00	226.00	18.17
	S1/2 Lot 18	22.90	50-038	Brooke Valley Farms Inc.	-	284.00	284.00	22.90
Total Agricultural Lands					167.00	549.00	716.00	45.58
Public Lands: Roads								
	Nauvoo Road	2.46		County of Lambton	-	122.00	122.00	9.84
	Petrolia Line	0.37		County of Lambton	-	18.00	18.00	1.48
	Petrolia Line	1.22		Municipality of Brooke-Alvinston	83.00	61.00	144.00	4.88
Total Public Lands					83.00	201.00	284.00	16.20
Total - Municipality of Brooke-Alvinston					250.00	750.00	1,000.00	61.78
Total Agricultural Lands					716.00			
Total Public Lands					284.00			
Total Affected Area		49.63	Total Maintenance Assessment		1,000.00		Total Eq. Ha	61.78

SCHEDULE OF MAINTENANCE NO.2

To maintain the open channel along the north side of Petrolia Line.

Conc.	Lot or Part	Affected Hectares	Roll No.	Owner	Benefit (\$)	Outlet (\$)	Total (\$)	Equivalent Hectares
Agricultural Lands:								
10	N1/2 Lot 17	0.5	50-004	C. Wright	-	6.00	6.00	0.50
	N1/2 Lot 18	1.38	50-00710	W. Milliken	-	-	-	1.38
	W1/2 Lot 17	2.63	50-034	Walnut Acres Farms Ltd.	-	34.00	34.00	2.63
	SE1/4 Lot 17	18.17	50-035	M. McRae	-	235.00	235.00	18.17
	S1/2 Lot 18	22.9	50-038	Brooke Valley Farms Inc.	83.00	297.00	380.00	22.90
Total Agricultural Lands					83.00	572.00	655.00	45.58
Public Lands: Roads								
	Nauvoo Road	2.46		County of Lambton	83.00	128.00	211.00	9.84
	Petrolia Line	0.37		County of Lambton	-	19.00	19.00	1.48
	Petrolia Line	1.22		Municipality of Brooke-Alvinston	83.00	32.00	115.00	4.88
Total Public Lands					166.00	179.00	345.00	16.20
Total - Municipality of Brooke-Alvinston					249.00	751.00	1,000.00	61.78
Total Agricultural Lands					655.00			
Total Public Lands					345.00			
Total Affected Area		49.63	Total Maintenance Assessment		1,000.00	Total Eq. Ha		61.78

SCHEDULE OF MAINTENANCE NO.3

To maintain the closed tile drain south of Petrolia Line.

Conc.	Lot or Part	Affected Hectares	Roll No.	Owner	Benefit (\$)	Outlet (\$)	Total (\$)	Equivalent Hectares
Agricultural Lands:								
10	N1/2 Lot 17	0.5	50-004	C. Wright	-	7.00	7.00	0.50
	N1/2 Lot 18	1.38	50-00710	W. Milliken	250.00	-	250.00	1.38
	W1/2 Lot 17	2.63	50-034	Walnut Acres Farms Ltd.	-	33.00	33.00	2.63
	SE1/4 Lot 17	18.17	50-035	M. McRae	-	226.00	226.00	18.17
	S1/2 Lot 18	22.9	50-038	Brooke Valley Farms Inc.	-	284.00	284.00	22.90
Total Agricultural Lands					250.00	550.00	800.00	45.58
Public Lands: Roads								
	Nauvoo Road	2.46		County of Lambton	-	121.00	121.00	9.84
	Petrolia Line	0.37		County of Lambton	-	18.00	18.00	1.48
	Petrolia Line	1.22		Municipality of Brooke-Alvinston	-	61.00	61.00	4.88
Total Public Lands					-	200.00	200.00	16.20
Total - Municipality of Brooke-Alvinston					250.00	750.00	1,000.00	61.78
Total Agricultural Lands					800.00			
Total Public Lands					200.00			
Total Affected Area		49.63	Total Maintenance Assessment		1,000.00	Total Eq. Ha	61.78	

SCHEDULE OF MAINTENANCE NO.4

To maintain the closed tile drain along the north side of Petrolia Line.

Conc.	Lot or Part	Affected Hectares	Roll No.	Owner	Benefit (\$)	Outlet (\$)	Total (\$)	Equivalent Hectares
Agricultural Lands:								
10	N1/2 Lot 17	0.5	50-004	C. Wright	-	6.00	6.00	0.50
	N1/2 Lot 18	1.38	50-00710	W. Milliken	-	-	-	1.38
	W1/2 Lot 17	2.63	50-034	Walnut Acres Farms Ltd.	-	34.00	34.00	2.63
	SE1/4 Lot 17	18.17	50-035	M. McRae	125.00	235.00	360.00	18.17
	S1/2 Lot 18	22.9	50-038	Brooke Valley Farms Inc.	125.00	297.00	422.00	22.90
Total Agricultural Lands					250.00	572.00	822.00	45.58
Public Lands: Roads								
	Nauvoo Road	2.46		County of Lambton	-	127.00	127.00	9.84
	Petrolia Line	0.37		County of Lambton	-	19.00	19.00	1.48
	Petrolia Line	1.22		Municipality of Brooke-Alvinston	-	32.00	32.00	4.88
Total Public Lands					-	178.00	178.00	16.20
Total - Municipality of Brooke-Alvinston					250.00	750.00	1,000.00	61.78
Total Agricultural Lands					822.00			
Total Public Lands					178.00			
Total Affected Area		49.63	Total Maintenance Assessment		1,000.00	Total Eq. Ha	61.78	

Morley Zavitz Drain
Municipality of Brooke-Alvinston
March 20, 2026

SPECIFICATION OF WORK

1. Scope of Work

The work shall take place in Lot 17 and 18, Concession 11 and Lot 18, Concession 10 in the Municipality of Brooke-Alvinston.

The scope of work is as follows:

- Installation of 104 meters of 450mm dia. HDPE pipe.
- Installation of two road crossing by jack and bore totalling 65 meters of 510mm dia. steel casing pipe.
- Installation of one (1) 900mm x 1200mm ditch inlet catchbasin and two (2) 900mm x 1200mm catchbasin complete with all connections and bird cage grates
- 121 meters of open channel brushing and cleanout.
- Installation of an energy diffuser at the outlet of the covered drain.

2. General

Each tenderer must inspect the site prior to submitting their tender and satisfy themselves by personal examination as to the local conditions that may be encountered during this project. The tenderer shall make allowance in the tender for any difficulties which they may encounter. Quantities or any information supplied by the Engineer is not guaranteed and is for reference only.

All work and materials shall be to the satisfaction of the Drainage Superintendent who may vary these specifications as to minor details but in no way decrease the proposed capacity of the drain.

The Contractor shall be responsible for the notification of all utilities prior to the start of construction.

3. Plans and Specifications

These specifications shall apply and be part of the contract. This specification of work shall take precedence over all plans and general conditions pertaining to the contract. The Contractor shall provide all labour, equipment, and supervision necessary to complete the work as shown in the plans and described in these specifications. Any work

-SP2-

not described in these specifications shall be completed according to the Ontario Provincial Standard Specifications and Standard Drawings.

4. Health and Safety

The Contractor at all times shall be responsible for health and safety on the worksite including ensuring that all employees wear suitable personal protective equipment including safety boots and hard hats.

The Contractor shall be responsible for traffic control as per the Ontario Traffic Manual Book 7 – Temporary Conditions (latest revision) when working on public road allowances. A copy of a traffic control plan shall be kept on site at all times. The Contractor shall maintain suitable barricades, warning lights, and temporary traffic notices, at his expense, in their proper position to protect the public both day and night. Flagmen are the responsibility of the Contractor when working on the road allowance and when entering or exiting a worksite onto a roadway.

The Contractor shall be responsible to ensure that all procedures are followed under the Occupational Health and Safety Act to ensure that work sites are safe and that accidents are prevented. In the event of a serious or recurring problem, a notice of noncompliance will be issued. The Contractor will be responsible for reacting immediately to any deficiency and correcting any potential health and safety risk. Continuous disregard for any requirement of the Occupational Health and Safety Act could be cause for the issuance of a stop work order or even termination of the contract.

The Contractor shall also ensure that only competent workmen are employed onsite and that appropriate training and certification is supplied to all employees.

5. Workplace Safety and Insurance Board

The Contractor hereby certifies that all employees and officers working on the project are covered by benefits provided by the Contractor. The WSIB clearance certificate must be furnished prior to the execution of the Contract and updated every 60 days.

6. Weather Conditions

Work shall be carried out under this Report and completed within the agreed upon Schedule as permitted by weather. The Engineer or the Drainage Superintendent reserves the right to restrict construction and access to the site based on the weather and ground conditions.

-SP3-

7. Utilities

The Contractor is responsible for organizing locates and exposing all the utilities along the length of the drainage works. If any utilities interfere with the proposed drainage works in a manner not shown on the accompanying Estimate of Cost or profile the Contractor shall notify the Drainage Superintendent and Engineer.

The Contractor is responsible for coordinating the replacement of additional utilities with the utility company if they interfere with the proposed drain. All costs for the utility to replace their services will be outside of this report and shall be borne by the utility as per Section 26 of the Drainage Act.

All additional costs to work around and organize replacement of the utilities not included in the estimate shall be tracked separately and the cost plus a portion of the engineering (25% of the cost) shall be borne by that utility.

8. Pre-Construction Meeting

There is a requirement for a pre-construction meeting to be held prior to any construction taking place. The meeting shall be scheduled by the Contractor. The Landowners, Engineer, the Municipality of Brooke-Alvinston, and the County of Lambton shall be notified of the pre-construction meeting at least 48 hours prior.

9. Benchmarks

The benchmarks are based on geodetic elevations. Elevations are available at the locations shown on the Plan and Profile drawings. Where these elevations are on existing structures to be replaced, they shall be transferred by the Contractor prior to the removal.

The Contractor is required to complete a benchmark loop prior to construction to verify the benchmarks. If discrepancies exist the Contractor must notify the Drainage Superintendent and Engineer prior to completing any work.

10. Access and Working Area

Access to the drain for the construction and future maintenance of the proposed tile drain shall be from Petrolia Line or Nauvoo Road and along the length of the drainage works.

The working area for construction and future maintenance of the proposed covered drain and open channel south of Petrolia Line shall be restricted to a width of 20 meters centered on the tile or a width of 20 meters extending west from the top of the west drain bank of the open channel.

-SP4-

The working area for construction and future maintenance of the proposed covered drain and open channel on the north side of Petrolia Line shall be restricted to a width of 20 meters extending north from the top of the north drain bank of the open channel.

11. Brushing and Tree Removal

A mechanical grinder attached to an excavator shall be used for brush and tree removal.

Trees and brush shall be removed from the channel and along the length of the covered drain for a distance of 10 metres in any direction. If any trees interfere with the performance of the covered drain they shall be removed. Trees and brush shall also be removed from the bottom of the channel and as necessary to carry out excavation.

Any brush and trees too large to grind shall be close cut. The Contractor shall stockpile the trees and brush in a single pile on the property in which they were removed or dispose of the trees and brush offsite. The Contractor is responsible for the burning of the trees and brush. The Contractor is responsible for obtaining all necessary permits for any disposal sites. Burning of the trees and brush is subject to local bylaws and guidelines of the Ministry of the Environment Conservation and Parks.

No trees shall be planted for a minimum distance of 20 metres on either side of the covered drain. If this occurs, they shall be removed in their entirety including stumps.

12. Excavation of Channel

The existing channel shall be excavated to the depths and grade as shown on the Profile. The bottom width shall be 1 metre with the sideslopes are be left as undisturbed as possible. A laser shall be used to guarantee an even grade.

The excavated material shall be placed on private lands adjacent to the drain at least 1.5 metres clear of the top of the bank. All low runs and swales outletting surface water to the open channel shall not be filled in during levelling operations.

The excavated material shall be levelled to a maximum depth of 150 mm and shall be left in a condition suitable for cultivation. All large branches and pieces of wood are not to be buried but shall be picked up by the Contractor and burned. If an owner wishes to truck the excavated material offsite or elsewhere on their property, they may do so under this report with the cost of trucking less levelling being assessed to that property.

-SP5-

13. Covered Tile Drain

The existing covered drain shall be located as required to determine exact location prior to replacement. The new proposed covered drain shall be installed along the route of the existing drain. The existing tile shall be crushed as required. The existing covered drain is located on the north and west side of the open channel drain.

The Contractor shall supply, install, and backfill the specified sizes of tile and pipe to the depths and grades as shown on the drawings as follows:

- Station 0+013 to Station 0+069 – 450mm dia. HDPE pipe
- Station 0+099 to Station 0+147 – 450mm dia. HDPE pipe

The covered tile drain shall be HDPE smooth wall pipe bell and spigot, 320 kPa and CSA approved.

The Contractor shall strip the topsoil for a width of 6m normally centered on the proposed drain. The topsoil shall be stockpiled at the edge of the working allowance for the duration of the tile installation.

The pipe shall be installed to the required depth with any over excavation backfilled with pea stone or drainage stone. When the pipes have been installed to the proper grade and depth, the excavation shall be backfilled with drainage stone from 100mm below the bottom of the pipe up to the springline of the pipe. Care shall be taken to ensure that the backfill on either side of the culvert does not differ by more than 300 mm so that the pipe is not displaced. The pipe can then be backfilled with native material.

Once the tile is installed, the Contractor shall level the topsoil over the drain to their pre-construction condition ensuring a minimum of 760mm cover.

The exact location of tile can be changed under the direction of the Drainage Superintendent or Engineer.

Laser control shall be used to ensure proper grades. The grades calculated on the Profile are to the invert of the tile and pipe with allowances to be made by the Contractor for the wall thickness of the tile and pipe. The depths shown and figured are from ground level to the invert of the pipe along the line of the proposed drain. Should an error appear in the figured depth at any station or stations, the grade shall be made to correspond with that shown on the Profile without extra charge.

-SP6-

Prior to backfilling, the tile shall be covered manually to a depth of approx. 100mm over the pipe to ensure that the tile and pipe are not displaced by large clumps of earth. The trench shall be backfilled with excavated material free of stones, broken tile or other deleterious material. All stones larger than 100mm in diameter evident immediately after construction shall be picked up by the Contractor and disposed offsite. The Landowners are responsible for stones after that. The material shall be left windrowed over the trench to allow for settlement.

If the land level must be lowered in order to carry out trenching operations, then it is up to the Contractor to determine if it is necessary and include any extra cost involved. They shall first strip the topsoil to its full depth and stockpile it along one side of the working width and then grade the area to allow the trenching to be carried out. All excavated material shall be windrowed on the side opposite the trench that the topsoil is stockpiled. After trenching and backfilling operations are complete, the topsoil shall be spread to its original depth.

All areas disturbed by construction, except the material windrowed over the trench, shall be left in a condition suitable for cultivation.

The Contractor shall not operate any trenching or backfill equipment, delivery trucks or equipment, pickup trucks or other vehicles along or over the trench during or after construction. The Contractor shall be responsible for any damage caused by any equipment or vehicles operated over the trench. If the Contractor must cross the trench, they will do so in one area.

The Landowners are also warned not to operate farm equipment over the trench or along the length of the trench for 1 year after construction in order to protect the tile.

Future replacements shall conform to these specifications.

14. Road Crossings

Petrolia Line

The proposed crossing under Petrolia Line shall be installed west of the existing crossing.

The Contractor shall supply and install approximately 30 metres of 510 mm diameter steel pipe casing by boring and jacking to the depths and grades as shown on the profile in accordance with the accompanying details. The steel casing shall be schedule 40 and have a minimum wall thickness of 6.35 mm. Cathodic protection is not required.

-SP7-

The existing 300mm dia. tile shall be located prior to installing the new road crossing pipe. It shall be cut, capped and filled with flowable grout (K-Crete or approved equivalent) for the full length.

Nauvoo Road

The proposed crossing under Nauvoo Road shall be installed just north of the existing crossing.

The Contractor shall supply and install approximately 35 metres of 510 mm diameter steel pipe casing by boring and jacking to the depths and grades as shown on the profile in accordance with the accompanying details. The steel casing shall be schedule 40 and have a minimum wall thickness of 6.35 mm. Cathodic protection is not required.

The existing 300mm dia. tile shall be located prior to installing the new road crossing pipe. It shall be cut, capped and filled with flowable grout (K-Crete or approved equivalent) for the full length.

It is the Contractors responsibility to locate and expose any utilities prior to the installation of any tile. If there is a conflict with the tile elevation the Contractor is required to notify the Engineer. Any permits that are required by the Road Authority are the responsibility of the Contractor.

The ditches shall be graded to ensure the surface water is collected to the catch basins and culverts on all road crossings.

15. Outlet Works

The outlet pipe for the covered drain from Station 0+013 to Station 0+019 shall be 6 meters of 450mm dia. HDPE pipe. HDPE pipe shall be CSA approved smooth wall pipe (320 kPa). Drainage stone shall be placed 100mm below the bottom of the pipe up to the springline. The pipe shall have a manufactured rodent grate.

An energy diffuser shall be constructed immediately downstream of the 450mm dia. HDPE pipe at Station 0+013. The energy diffuser shall be constructed using concrete blocks, filter fabric, and erosion protection as shown on Drawing No. 2.

Erosion protection shall be made up of rip rap and filter fabric and shall be installed on the sideslope from the top of the concrete block to a height of 1 meter above the top of the outlet pipe and 1 meter along each side of the tile drain. The erosion protection shall also extend for a distance of 2 meters downstream from the concrete blocks

-SP8-

Rip rap shall be 150 mm to 300 mm quarry stone or approved equal. The area to receive the rip rap shall first be graded to allow the placement of the rip rap to a depth of 400 mm below finished grade. After grading, a layer of filter fabric (Terrafix 270R or approved equal) is to be placed with any joints overlapped a minimum of 600 mm. Rip rap shall then be placed with the smaller pieces placed in the gaps and voids to give it a uniform appearance.

Concrete blocks shall be 600mm x 600mm x 1200mm and 600mm x 600mm x 2400mm. The blocks shall be installed on a layer of drainage stone and filter fabric.

16. Catch Basins

Structure	Station	Type (mm)	Top Elev. (m)	Outlet Pipe Elev. (m)	Inlet Pipe Elev. (m)
DICB #1	0+099	900x1200	220.21	219.17 (S) 510ø	219.19 (N) 450ø 219.43 (E) 200ø 219.37 (E) 300ø
CB #2	0+147	900x1200	220.57	219.45 (E) 450ø	219.47 (W) 510ø
CB #3	0+182	900x1200	221.03	219.54 (E) 510ø	219.59 (W) 300ø Knock Out

Existing structures located along the existing covered drain shall be removed and disposed offsite to a location determined by the Contractor.

Structures shall be square precast concrete structures as noted above and shall have a birdcage type grate. Ditch inlets shall have a 2:1 sloped top and catchbasins shall be flat top. Structures shall be installed as identified on the Plans.

The high part of the sloped top for DICB #1 shall be north and the catchbasin shall be installed in the north drain bank.

The structures shall be made with the top sections separate from the base sections in order to allow riser sections to be installed or removed as necessary (i.e. the base section shall not extend for more than 150mm above the top of the highest opening in the base section). The wall thickness of all structures shall be 115mm and each shall have a

-SP9-

300mm sump. Birdcage grates shall be manufactured with a bar spacing no larger than 50mm.

The structures shall be set at the final elevations as directed by the Drainage Superintendent or Engineer Designate. The structures shall be set on a layer of drainage stone. The drainage stone shall be extended up to the spring line of the inlet and outlet pipe connections.

Connections to the structures shall be concreted on both the inside and outside prior to backfilling. Any pipe or tile shall not protrude more than 50mm inside the wall.

As part of this item the Contractor shall grade the area in the vicinity of the structure to ensure proper drainage as directed by the Engineer or Drainage Superintendent. Rip rap shall be installed around the basins. The rip rap shall be 150mmx300mm c/w filter fabric. The area to receive the rip rap shall first be graded to allow the placement of the rip rap to a depth of 400mm below finished grade. After grading, a layer of filter fabric (Terrafix 2700R or approved equal) is to be placed with any joints overlapped a minimum of 600mm. Rip rap shall then be placed with the smaller pieces placed in the gaps and voids to give it a uniform appearance

The Drainage Superintendent or Engineer Designate may change a birdcage type grate on a catch basin to a concrete lid or sloped birdcage grate, if required. Any costs associated with this change shall form part of the drainage work costs.

17. Subsurface Drainage

The tile main in the SE1/4 Lot 17 shall be reconnected to CB #3 and the tile main from the S1/2 L18 shall be reconnected to DICB #1. The pipe shall be repaired with the equivalent size HDPE smooth wall pipe. The pipe shall be bedded from the bottom of the excavation to the top of the pipe with drainage stone and backfilled with excavated material.

All existing subsurface drains encountered during construction of the covered drain shall be connected to the proposed drain unless otherwise noted on the drawings or as directed by the Drainage Superintendent. The downstream end shall be plugged to the satisfaction of the Drainage Superintendent.

For 100mm and 150mm subsurface drains, the upstream end of the subsurface drain shall be connected to the tile drain at a 45-degree angle. A suitable length of equivalent sized PE agricultural tubing shall be used to connect the drains. Manufactured fittings shall connect the PE tile to the existing drain and to the concrete tile. The connections shall be

-SP10-

carefully backfilled to ensure there is adequate support under the pipe and large clumps of clay do not displace the tile. It is recommended that clear stone be used under the connections at the tile drain.

Where an existing subsurface drain needs to cross the existing open channel to tie into the proposed tile the open channel shall be excavated to its hard bottom. Drainage stone shall be used to bed the pipe from the bottom of the channel to the spring line of the tile.

All existing subsurface drains encountered during construction of the open drain shall be extended to the open channel using PE agricultural tubing, contain a rodent grate and rip rap shall be installed under the tile to the bottom of the channel.

18. Restoration

All areas disturbed by construction as directed by the Engineer Designate or Drainage Superintendent shall be returned to their pre-construction state. Within the road right of way all areas where disturbed by construction, shall be topped with 100mm of screened topsoil and hand seeded immediately following construction in accordance with the seed mixture, fertilizer and application rate as shown below.

If the hand seed has not germinated, at the discretion of the Engineer or Drainage Superintendent, prior to the one-year maintenance period, the area shall be hydroseeded in accordance with the seed mixture, fertilizer and application rate as shown below.

Seed mixture, fertilizer and application rates are as follows:

- Hydraulic mulch (2,999 kg/ha.) type “B” and water (52,700 litres/ha.) in accordance with OPSS 572 (hydroseed).

The above seed mixture shall apply unless otherwise approved by the Drainage Superintendent or Engineer.

19. Environmental Considerations

The Contractor shall take care to adhere to the following considerations.

- Operate machinery in a manner that minimizes disturbance to the banks of the watercourse.
- Erosion and sediment control measures must be installed prior to construction to prevent sediment from entering the water body.

-SP11-

- Material shall not be in areas regulated by the Conservation Authority or Ministry of Natural Resources.
- All granular and erosion control materials shall be stockpiled a minimum of 3.0m from the top of the bank or excavation. Material shall not be placed in surface water runs or open inlets that enter the channel.
- All activities, including maintenance procedures, shall be controlled to prevent the entry of petroleum products, debris, rubble, concrete, or other deleterious substances into the water. Vehicle and equipment refuelling and maintenance shall be conducted away from the channel, any surface water runs, or open inlets. All waste materials shall be stockpiled well back from the top of the bank and all surface water runs and open inlets that enter the drain.
- When possible, all construction within the open channel shall be carried out during periods of low flow or in dry conditions.
- The Contractor shall conduct regular inspections and maintain erosion and sediment control measures and structures during the course of construction.
- The Contractor shall repair erosion and sediment control measures and structures if damage occurs.
- The Contractor shall remove non-biodegradable erosion and sediment control materials once site is stabilized.
- Remove all construction materials from site upon project completion.

20. Silt Fence

Light duty silt fencing shall be installed down-gradient of the work for the duration of construction.

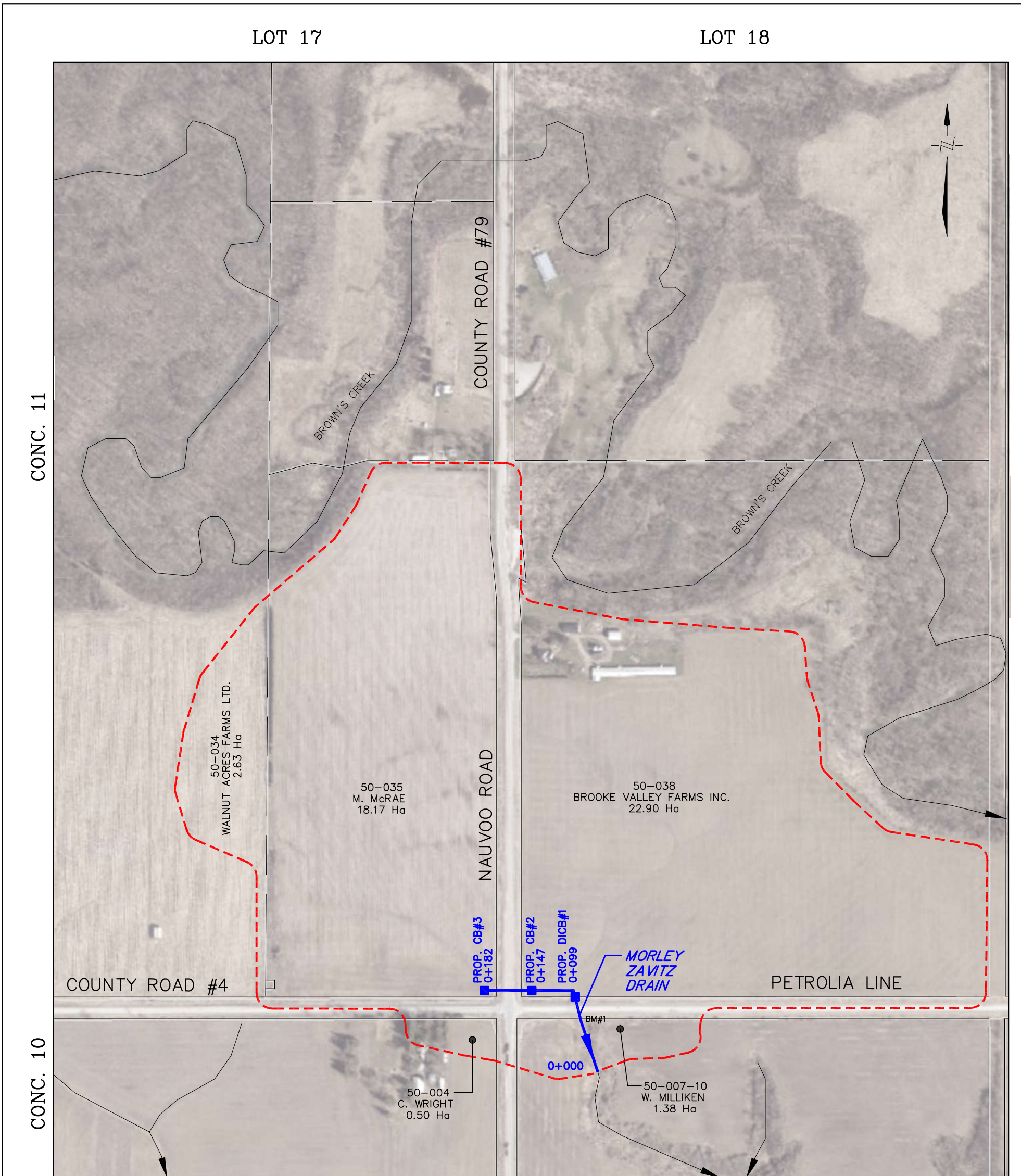
The light duty silt fencing shall be supplied and installed in accordance with OPSS 577 and OPSD 219.110. The light duty silt fencing shall be removed once the disturbed area has been re-vegetated.

21. Miscellaneous

Any subsurface drains encountered that conflict with the proposed culverts shall be extended to an outlet to the open channel to the approval of the Drainage Superintendent.

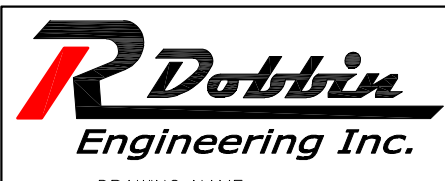
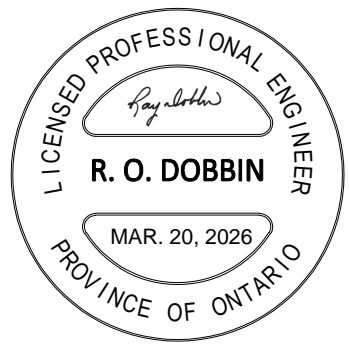
Any fences that must be removed to allow construction or maintenance shall be reinstalled by the Contractor using the existing materials.

It will be the landowner's responsibility to mark all tile and tile mains prior to maintenance being carried out.



LEGEND

- - - DRAINAGE AREA
- MORLEY ZAVITZ DRAIN
- MUNICIPAL DRAIN
- PROPOSED DIBC / CB



4218 Oil Heritage Road
 Petrolia Ontario, N0N 1R0
 Phone: (519) 882-0032 Fax: (519) 882-2233

DRAWING NAME:
 Morley Zavitz Drain Plan

PROJECT No.
 2024-1628

APPROVED	NO.	REVISIONS	DATE	BY
R. DOBBIN				
CHECKED	1	FINAL REPORT	MAR. 20, 2026	DM
B. VAN RUITENBURG				
DRAWN	SCALE: 1:5000			
D. MOORES	0 50 100 150m			

MUNICIPALITY of BROOKE - ALVINSTON

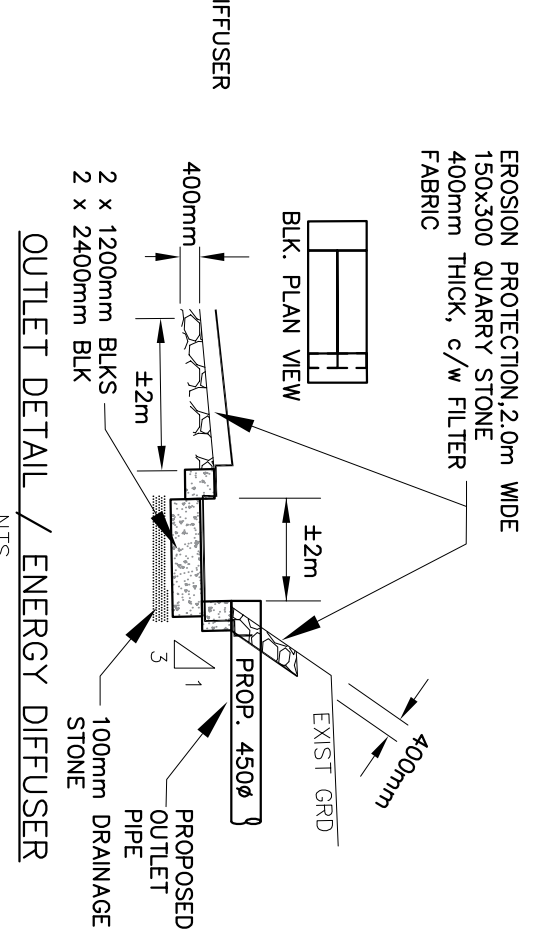
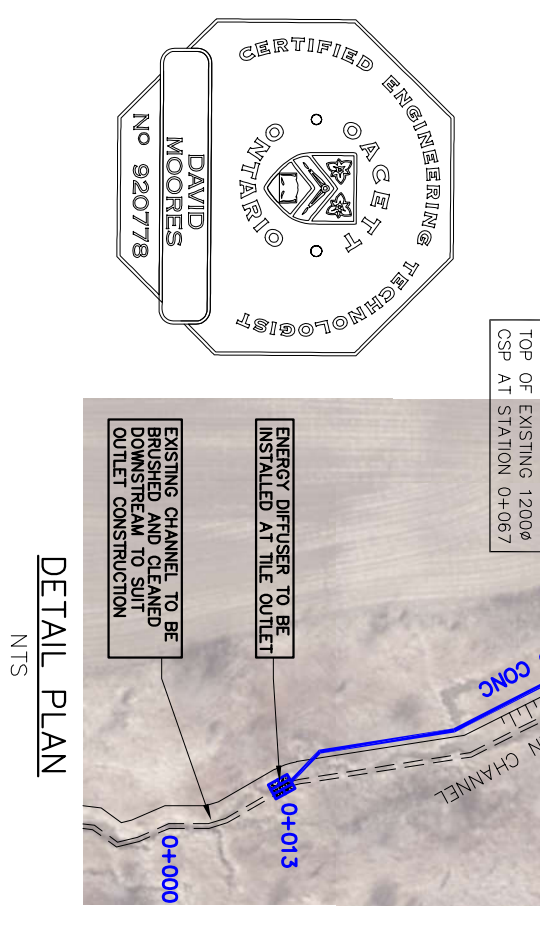
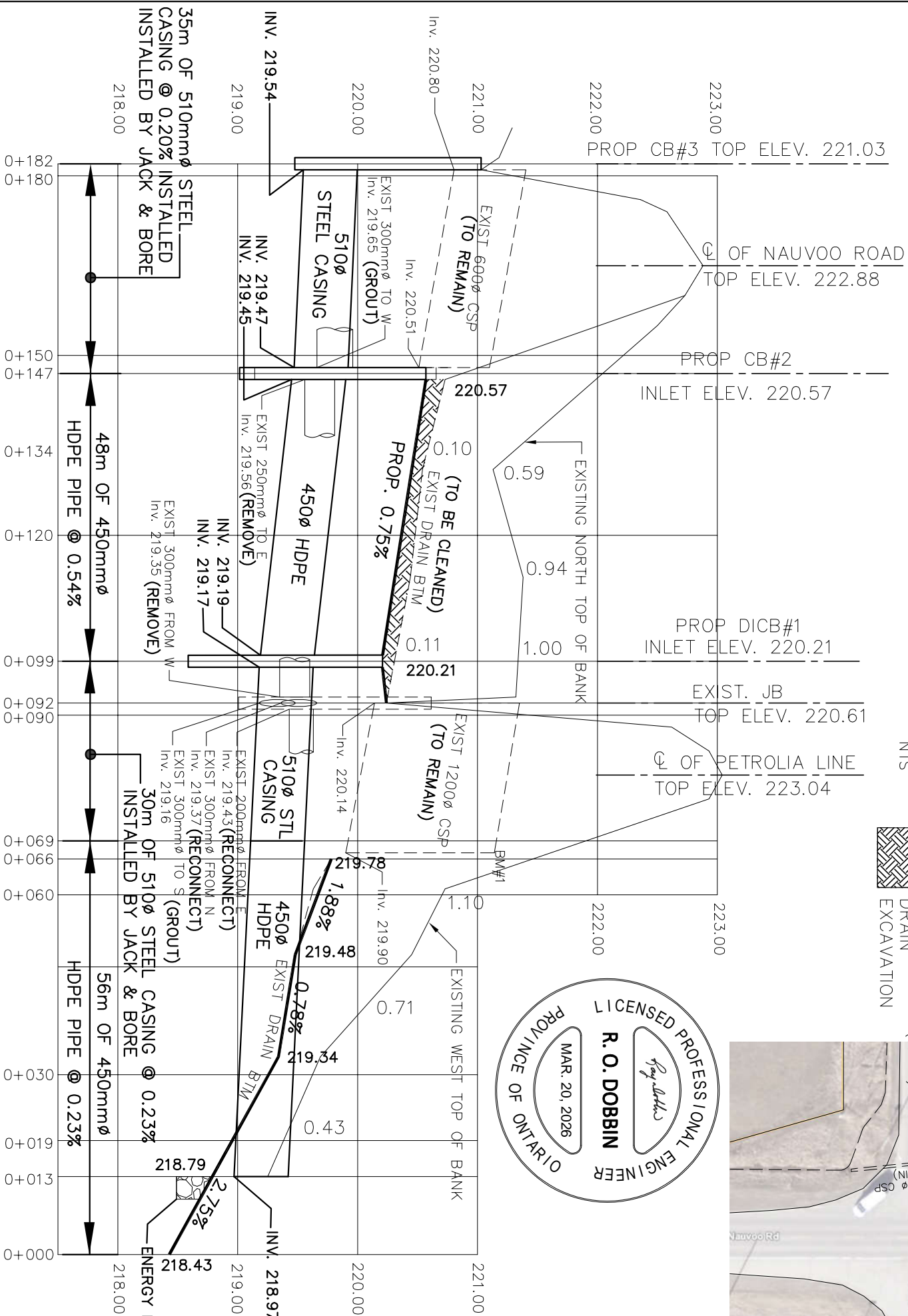
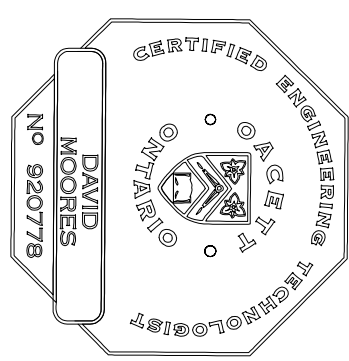
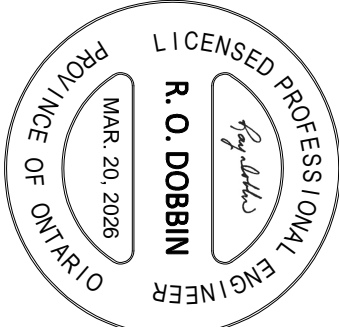
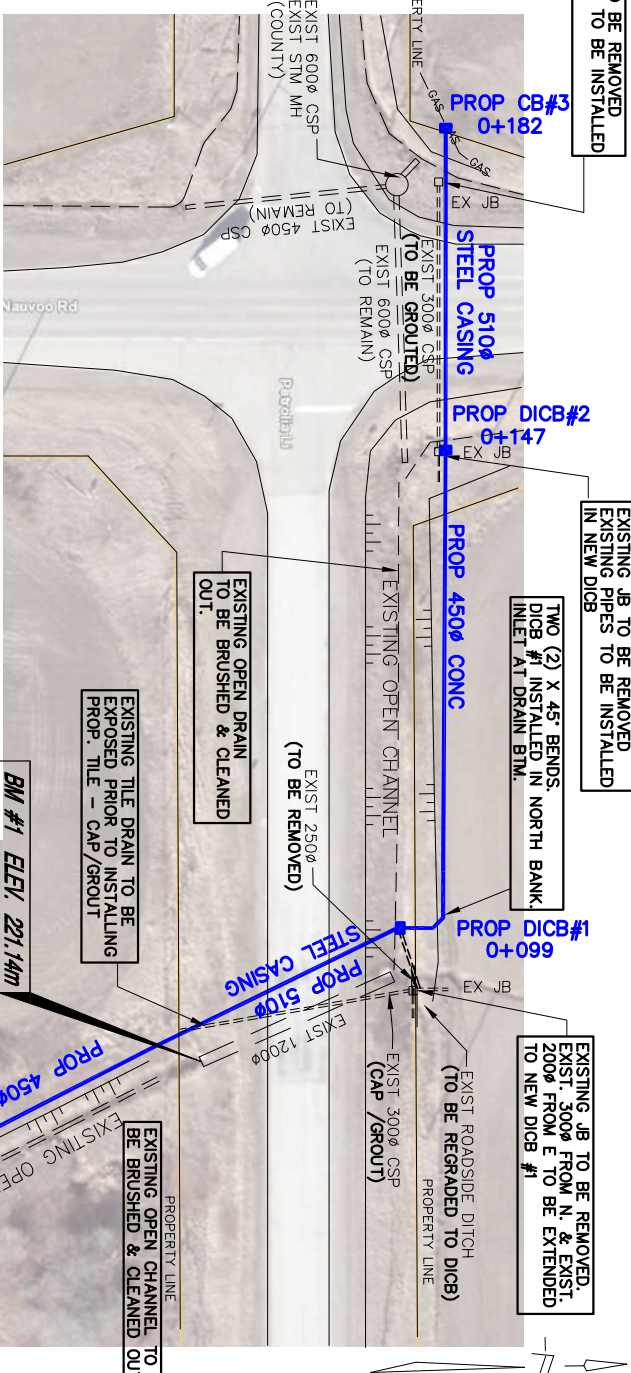
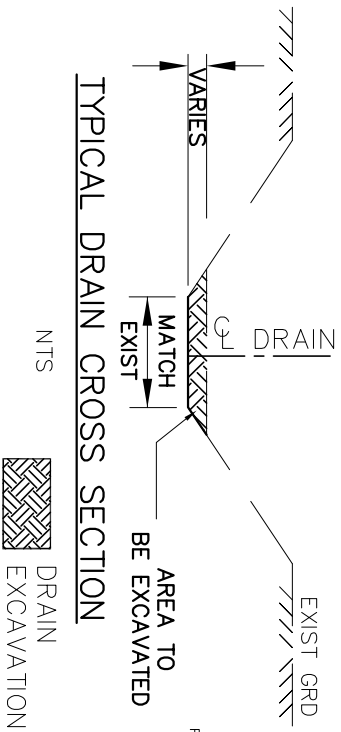
MORLEY ZAVITZ DRAIN PLAN

1
OF 2

Last Updated: March 20, 2026

GENERAL NOTES

1. BENCHMARK No.1 ELEV. 221.14
TOP OF 1200mm ϕ CSP CROSSING PETROLIA LINE AT STATION 0+067.
2. UPPER NUMBERS ARE DEPTH FROM TOP OF BANK TO PROPOSED CHANNEL BOTTOM.
3. LOWER NUMBERS ARE DEPTH FROM TOP OF SEDIMENT TO PROPOSED CHANNEL BOTTOM.



Engineering Inc.

4218 Oil Heritage Road
Petrolia Ontario, N0N 1R0
Phone: (519) 882-0032 Fax: (519) 882-2233

DRAWING NAME:
Morley Zavitz Drain Plan & Profile

PROJECT NO.
2024-1628

APPROVED	NO.	REVISIONS	DATE	BY
R. DOBBIN				
CHECKED	1	FINAL REPORT	MAR. 20, 2026	DM
DRAWN				
D. MOORES				

SCALE 1: 850

0 10 20 30m

MUNICIPALITY of BROOKE - ALVINSTON

MORLEY ZAVITZ DRAIN

DETAIL PLAN, PROFILE, & OUTLET DETAILS

2 OF 2

ENCLOSURE

Estimated Net Assessment
Net assessment subject to OMAFA ADIP Policy and Actual Construction Costs.

To improve the Morley Zavitz Drain.

Conc.	Lot or Part	Affected Hectares	Roll No.	Owner	Total Assessment (\$)	Total Grantable Assessment (\$)	Estimated Grant (\$)	Allowances (\$)	Estimated Net Assessment (\$)
Agricultural Lands:									
10	N1/2 Lot 17	0.50	50-004	C. Wright	379.00	379.00	126.00		253.00
	N1/2 Lot 18	1.38	50-00710	W. Milliken	5,529.00	5,529.00	1,843.00	600.00	3,086.00
11	W1/2 Lot 17	2.63	50-034	Walnut Acres Farms Ltd.	1,996.00	1,996.00	665.00		1,331.00
	SE1/4 Lot 17	18.17	50-035	M. McRae	17,186.00	17,186.00	5,729.00	180.00	11,277.00
	S1/2 Lot 18	22.90	50-038	Brooke Valley Farms Inc.	15,834.00	15,834.00	5,278.00	720.00	9,836.00
Total Agricultural Lands					40,924.00	40,924.00	13,641.00	1,500.00	25,783.00
Public Lands: Roads									
	Nauvoo Road	2.46		County of Lambton	50,218.00				50,218.00
	County Rd #4	0.37		County of Lambton	2,457.00				2,457.00
	Petrolia Line	1.22		Municipality of Brooke-Alvinston	45,264.00				45,264.00
Total Public Lands: Roads					97,939.00	-	-	-	97,939.00
Public Utilities									
	Telecom			Brooke Telecom	4,673.00				4,673.00
	Gas			Enbridge Pipelines	4,673.00				4,673.00
	Water			Municipality of Brooke-Alvinston	4,673.00				4,673.00
Total Public Utilities					14,019.00	-	-	-	14,019.00
Total Area		49.63	Total Net Assessment		152,882.00	40,924.00	13,641.00	1,500.00	137,741.00



4218 Oil Heritage Road
 Petrolia, Ontario, N0N 1R0
 Phone: (519) 882-0032 Fax: (519) 882-2233
 www.dobbineng.com

March 20, 2026

The Mayor and Council
 Municipality of Brooke-Alvinston
 P. O. Box 28
 3236 River Street
 Alvinston, Ontario
 N0N 1A0

Gentlemen & Mesdames:

Re: Crockett Drain Branch 'B'

In accordance with your instructions, R. Dobbin Engineering has undertaken an examination of the Crockett Drain with regards to adding a branch drain in Lot 21 & 22, Concession 5, in the Municipality of Brooke-Alvinston. The work will include the installation of a new covered tile drain complete with catchbasins. The course of the work has been surveyed with elevations taken as necessary.

Authorization under the Drainage Act

This Engineers Report has been prepared under Section 4 of the Drainage Act as per the petition submitted by an affected Owner.

R. Dobbin Engineering was appointed on June 26, 2025.

A petition for the drainage, by means of a drainage works, of an area requiring drainage may be filed with the Municipality in which an area is situate by,

- a) the majority in number of the owners including the owners of any roads in the area.
- b) the owner or owners of lands in the area representing at least 60% of the hectarage in the area.
- c) where the drainage works is required for a road or part thereof.

The drainage area is the area that contributes surface and/or subsurface water to the drainage works. The area requiring drainage is defined as that area that is low lying or

dish shaped where surface waters and/or subsurface waters collect and would benefit from the improved drainage.

The landowner of Roll No. 30-035-20 has signed a petition requesting a new covered tile drain be constructed in the NW pt. Lot 22, Concession 5 for surface and subsurface drainage. It has been determined that the petition complies with both section 4(1)(a) and 4(1)(b) of the Drainage Act.

Existing Drainage

The Crockett Drain consists of both an open channel and covered tile drain. The open channel begins approximately 110 meters south of Gardner Trail on the west side of Lot 21, Concession 6 and extends upstream for approximately 410 meters where the covered tile drain begins. The covered tile drain extends upstream for approximately 800 meters to the head of the drain at the line between the W1/2 and E1/2 Lot 22, Concession 5. Branch "A" of the Crockett Drain outlets to the Main Drain at the line between the W1/2 and E1/2 Lot 21, Concession 6. Branch "A" is a covered tile drain and extends upstream to the east side of Argyll Road for approximately 406 meters.

The drainage works was constructed under an Engineers Report dated January 26, 1982 prepared under Section 4 of the Drainage Act by A.J. Devos, P.Eng.

Onsite Meeting

An Onsite Meeting was held on August 19, 2025.

The following were present at the Meeting:

- David Moores (R. Dobbin Engineering)
- Jamie Butler (Municipality of Brooke-Alvinston)
- Frank Nemcek (Landowner)
- Steve Gerber (Landowner)

The following is a brief summary of the meeting:

- General discussion of the Drainage Act and Landowners rights under the Drainage Act.
- Landowners were made aware that a petition was received to construct a new covered tile drain in the NW pt. Lot 22, Concession 5.
- It was discussed at the meeting that the tile would be installed by open cut under Argyll Road with a catchbasin on each side of the road and a surface pipe.

- The Road Superintendent asked if it was possible to deepen the ditch to the north and down the hill. The Engineer explained that that would be a deep ditch and therefore, it was decided to go with the covered tile drain.
- It was discussed that the covered tile drain would be sized for both surface and sub surface drainage to a 38mm coefficient based on the Drainage Guide for Ontario.
- It was discussed that the existing Crockett Drain would be located to confirm the elevation and that a concrete junction box would be used to make the connection.

No adverse soil conditions were noted at the site meeting.

Investigation

The proposed route for the new covered tile drain was surveyed. The existing Crockett Drain was exposed in the NW pt. Lot 22, Concession 5 to confirm elevations for the connection of the new branch drain. Argyll Road including roadside ditches were surveyed. QGIS Lidar was used to confirm the watershed limits and this was compared against the 1982 Drainage Report.

Design

The existing tile drain size and capacity was reviewed and determined to be too small for today's design standards. The proposed tile drain shall be designed to accommodate a drainage coefficient of 38mm in 24 hours in accordance with the Drainage Guide for Ontario (Publication 29). Tile design criteria shall include a minimum depth of cover over the tile of 760mm.

Recommendations

It is therefore recommended that the following work be carried out:

1. A covered tile drain with sufficient capacity to provide sufficient outlet for lands in Lot 21 & 22, Concession 5, shall be constructed for a distance of approximately 221 meters.
2. The road crossing pipe under Argyll Road shall be replaced.
3. Catchbasins shall be installed on the east and west side of Argyll Road.
4. A junction box shall be installed at the connection to the Main Drain portion of the Crockett Drain at Station 0+015.

Estimate of Cost

It is recommended that the work be carried out in accordance with the accompanying Specification of Work and the Profile, which form part of this Report. There has been prepared an Estimate of Cost in the amount of \$76,431.00 including the cost of engineering the report, attendance at the Meeting to Consider, and attendance at the Court of Revision. An estimate for tendering, inspection, and contract administration has been provided. Appearances before appeal bodies have not been included in the cost estimate.

A Plan has been prepared showing the location of the work and the approximate drainage area. A Profile is included showing the depths and grades of the proposed work.

Assessment

As per Section 21 of the Drainage Act, the Engineer in his report shall assess for benefit and outlet for each parcel of land and road liable for assessment.

Lands, roads, buildings, utilities, or other structures that are increased in value or are more easily maintained as a result of the construction, improvement, maintenance, or repair of a drainage works may be assessed for benefit. (Section 22)

Lands and roads that use a drainage works as an outlet, or for which, when the drainage works is constructed or improved, an improved outlet is provided either directly or indirectly through the medium of any other drainage works or of a swale, ravine, creek, or watercourse may be assessed for outlet. The assessment for outlet shall be based on the volume and rate of flow of the water artificially caused to flow into the drainage works from the lands and roads liable for such assessments. (Section 23)

The Engineer may assess for special benefit any lands for which special benefits have been provided by the drainage works. (Section 24)

A Schedule of Assessment for the lands and roads affected by the work and therefore liable for the cost thereof will be prepared as per the Drainage Act. Also, assessments may be made against any public utility or road authority, as per Section 26 of the Drainage Act, for any increased cost for the removal or relocation of any of its facilities and plant that may be necessitated by the construction or maintenance of the drainage works. Items to be assessed under Section 26, as specified, shall be tendered separately with the actual cost plus a portion of the engineering (25% of the construction cost).

The estimated cost of the drainage works has been assessed in the following manner:

1. The cost of replacing the covered tile drain north west of JB #1 has been assessed with 100% of the cost applied as outlet assessment to the upstream lands and roads based on equivalent hectares.
2. The cost of constructing the covered tile upstream of JB #1 has been assessed drain with 60% of the cost applied as benefit assessment and 40% applied as outlet assessment to the upstream lands and roads based on equivalent hectares. The benefit assessment has been split with 8% of the costs assessed to Roll No. 30-035-15, 17% of the costs assessed to the road authority for Argyll Road, and the remainder of the costs assessed to roll no. 30-035-20.
3. As per Section 26 of the Drainage Act, the Road Authority has been assessed the increased cost of the drainage works caused by the existence of the works of the public utility or road. The road crossing for Argyll Road has been assessed with 100% of the cost assessed as a special benefit assessment to the road authority. These items shall be tendered separately with the actual cost plus a portion of the engineering (25% of the construction cost).
4. JB #1 has been assessed as an outlet assessment with 100% of the cost assessed to the upstream lands and roads based on equivalent hectares.
5. CB #2 has been assessed as a benefit assessment with 50% of the cost assessed to the road authority for Argyll Road and 50% of the cost assessed to Roll No. 30-035-20.
6. CB #3 has been assessed as a benefit assessment with 50% of the cost assessed to the road authority for Argyll Road and 50% of the cost assessed to Roll No. 30-035-15.
7. The remaining cost of the drainage works has generally been assessed with 100% of the cost applied as outlet assessment to the upstream lands and roads based on equivalent hectares.

Allowances

Under Section 29 of the Drainage Act, the Engineer in his report shall estimate and allow in money to the Owner of any land that it is necessary to use for the construction or improvement of a drainage works or for the disposal of material removed from a drainage works. This shall be considered an allowance for right of way.

Under Section 30 of the Drainage Act, the Engineer shall determine the amount to be paid to persons entitled thereto to damage, if any, to ornamental trees, fences, land, and

crops occasioned by the disposal of material removed from a drainage works. This shall be considered an allowance for damages.

Allowances have been made, where appropriate, as per Section 29 & 30 of the Drainage Act. Allowances for right of way are based on a land value of \$50,000.00 per hectare (\$20,000.00 per acre). Allowances for crop loss are based on \$2,000.00 per hectare for the first year and \$1,000.00 for the second year (\$3,000.00 per hectare total).

Based on the proposed work in this report, allowances were paid under Section 29 for Right of Way and Section 30 for damages.

Access and Working Area

Access to the drain for the construction and future maintenance of the proposed covered tile drain shall be from Argyll Road and along the length of the drainage works.

The working area for construction of the proposed covered tile drain shall be restricted to a width of 25 meters centered on the proposed tile. The working area for future maintenance shall be reduced to 6 meters centered on the tile.

Approvals and Drain Classification

The Crockett Drain is both an open drain and a covered drain. The open drain is classified as Class "F".

Class "F" drains are intermittent or ephemeral (dry for more than three consecutive months). The proposed work will require a permit from the St. Clair Region Conservation Authority. No authorization is required from Fisheries and Oceans if the work is completed in the dry. No works can take place until all approvals are received.

The proposed improvements will have very little effect on the drainage works if carried out during low flows in the channel.

Restrictions

No trees and shrubs shall be planted nor shall permanent structures be erected within 10 metres of either side of the proposed drain without prior written permission of Council. If trees are planted that interfere with access for future maintenance of the drainage works, they shall be removed at the expense of the Owner.

Attention is also drawn to Sections 80 and 82 of the Drainage Act that refer to the obstruction of a drainage works.

Agricultural Grant

It is recommended that application for subsidy be made for eligible farm tax class agricultural properties by the Municipality. The Ontario Ministry of Agricultural, Food, and Agribusiness offers the “Agricultural Drainage Infrastructure Program (ADIP)”. This program will pay 1/3 of any eligible agricultural assessments that meet the criteria contained within the policy.

Any assessments against non agricultural properties are shown separately in the Schedule of Assessment.

Maintenance

Upon completion of the work, the drainage works for the Crockett Drain Branch “B” shall be maintained and repaired as per the specifications contained within this report and assessed out using Schedule of Maintenance No.1, unless otherwise altered under provisions of the Drainage Act or as outlined below.

All other sections of the Crockett Drain shall be maintained and repairs in accordance with the last applicable report and assessed out using those reports.

The covered drain and road crossing surface pipe under Argyll Road shall be maintained and repaired at the expense of the Road Authority for the Municipality of Brooke-Alvinston as per Section 26 of the Drainage Act.

JB #1 shall be maintained and repaired as per the specifications contained within this report and assessed as an outlet assessment with 100% of the cost assessed to the upstream lands and roads based on equivalent hectares shown on the Schedule of Assessment.

CB #2 shall be maintained and repaired as per the specifications contained within this report and assessed and assessed as a benefit assessment with 50% of the cost assessed to the road authority for Argyll Road and 50% of the cost assessed to Roll No. 30-035-20.

CB #3 shall be maintained and repaired as per the specifications contained within this report and assessed and assessed as a benefit assessment with 50% of the cost assessed to the road authority for Argyll Road and 50% of the cost assessed to Roll No. 30-035-15.

Any extra cost as a result of the location of underground utilities shall be assessed to the utility as per Section 26 of the Drainage Act.

All of the above is submitted for your consideration.


Yours truly,

Report Prepared By:

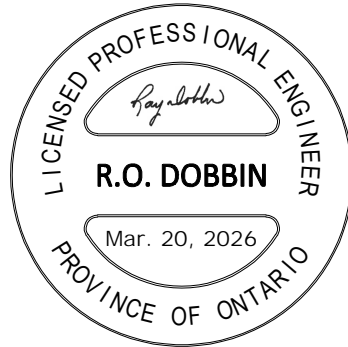


David Moores, C.E.T.

Report Approved By:



Ray Dobbin, P. Eng.



Crockett Drain Branch 'B'
Municipality of Brooke-Alvinston
March 20, 2026

ALLOWANCES

Allowances have been made as per Section 30 of the Drainage Act for damages to lands and crops.

Conc.	Lot or part	Roll No.	Owner	Section 29 (\$)	Section 30 (\$)	Total (\$)
5	NW pt. Lot 22	30-035-20	J. Nemcek	6,180	1,660	7,840
TOTAL ALLOWANCES				\$6,180	\$1,660	\$7,840

Crockett Drain Branch 'B'
Municipality of Brooke-Alvinston
March 20, 2026

Page 1 of 1

Estimate of Cost

To construct the Crockett Drain Branch 'B'.

<u>Item Description</u>	<u>Quantity</u>	<u>Unit</u>	<u>Unit Cost (\$)</u>	<u>Total (\$)</u>
Pre-Construction Meeting	1	LS	250.00	250.00
Benchmark Loop	1	LS	250.00	250.00
<u>Tile Drain Work:</u>				
Locate Existing 200mmø Tile Drain	1	LS	2,000.00	2,000.00
Strip and Place Topsoil	221	m	6.00	1,326.00
S. & I. 250mmø Concrete tile	221	m	100.00	22,100.00
Reconnect Existing Tile Drains (P)	10	ea	100.00	1,000.00
				<u>26,426.00</u>
<u>Argyll Road (Section 26):</u>				
R. & D. of Existing 250mmø CSP pipe and Excess Material	1	LS	500.00	500.00
S. & I. 300mmø HDPE Surface Culvert	11	m	300.00	3,300.00
S. & I. 300mmø HDPE pipe	12	m	300.00	3,600.00
S. & I. Drainage Stone Bedding	22	t	40.00	880.00
S. & I. Granular B Backfill	66	t	30.00	1,980.00
S. & I. Granular A	22	t	35.00	770.00
S. & I. Rip Rap Endwalls	15	t	125.00	1,875.00
Traffic Control	1	LS	500.00	500.00
Restoration & Ditch Reswaling	1	LS	500.00	500.00
				<u>13,905.00</u>
<u>Catchbasins & Junction Box</u>				
S. & I. JB #1 c/w Bedding, Connections, & Concrete Lid	1	LS	2,000.00	2,000.00
S. & I. CB #2 c/w Bedding, Connections, & Birdcage Grate	1	LS	2,000.00	2,000.00
S. & I. CB #3 c/w Bedding, Connections, & Birdcage Grate	1	LS	2,000.00	2,000.00
				<u>6,000.00</u>
Contingency				<u>3,290.00</u>
				<u>50,121.00</u>
				<u>7,840.00</u>
				<u>10,720.00</u>
				<u>6,000.00</u>
				<u>570.00</u>
				<u>75,251.00</u>
				<u>1,180.00</u>
				<u>76,431.00</u>

SCHEDULE OF ASSESSMENT

To construct the Crockett Drain Branch 'B'.

Conc.	Lot or Part	Affected Hectares	Roll No.	Owner	Special Benefit (\$)	Benefit (\$)	Outlet (\$)	Total (\$)	Equivalent Hectares
Agricultural Lands:									
5	NE pt. Lot 21	1.03	30-035	S. Gerber	-	-	3,119.00	3,119.00	1.03
	NE pt. Lot 21	0.84	30-035-15	F. Nemcek	-	3,501.00	2,544.00	6,045.00	0.84
	NW pt. Lot 22	6.75	30-035-20	J. Nemcek	-	20,730.00	9,621.00	30,351.00	6.75
	NE pt. Lot 22	10.50	30-037	F. Nemcek	-	-	3,536.00	3,536.00	10.50
	NW pt. Lot 23	1.00	30-039	F. Nemcek	-	-	269.00	269.00	1.00
Total Agricultural Lands					-	24,231.00	19,089.00	43,320.00	20.12
Public Lands: Roads									
	Argyll Road	0.25		Municipality of Brooke-Alvinston	20,493.00	7,258.00	2,271.00	30,022.00	0.75
	Gardner Trail	0.34		Municipality of Brooke-Alvinston	-	-	3,089.00	3,089.00	1.02
Total Public Lands: Roads					20,493.00	7,258.00	5,360.00	33,111.00	1.77
Total Agricultural Lands					43,320.00				
Total Public Lands: Roads					33,111.00				
Total Area		20.71	Total Assessment		76,431.00		Total Eq. Ha.		21.89

SCHEDULE OF MAINTENANCE NO.1

To maintain the Crockett Drain Branch 'B'.

Conc.	Lot or Part	Affected Hectares	Roll No.	Owner	Benefit (\$)	Outlet (\$)	Total (\$)	Equivalent Hectares
Agricultural Lands:								
5	NE pt. Lot 21	1.03	30-035	S. Gerber	-	19.00	19.00	1.03
	NE pt. Lot 21	0.84	30-035-15	F. Nemcek	48.00	15.00	63.00	0.84
	NW pt. Lot 22	6.75	30-035-20	J. Nemcek	450.00	123.00	573.00	6.75
	NE pt. Lot 22	10.50	30-037	F. Nemcek	-	192.00	192.00	10.50
	NW pt. Lot 23	1.00	30-039	F. Nemcek	-	18.00	18.00	1.00
Total Agricultural Lands					498.00	367.00	865.00	20.12
Public Lands: Roads								
	Argyll Road	0.25		Municipality of Brooke-Alvinston	-	14.00	14.00	0.75
	Gardner Trail	0.34		Municipality of Brooke-Alvinston	102.00	19.00	121.00	1.02
Total Public Lands					102.00	33.00	135.00	1.77
Total - Municipality of Brooke-Alvinston					600.00	400.00	1,000.00	21.89
Total Agricultural Lands					865.00			
Total Public Lands					135.00			
Total Affected Area		20.71	Total Maintenance Assessment		1,000.00	Total Eq. Ha	21.89	

Crockett Drain Branch 'B'
Municipality of Brooke-Alvinston
March 20, 2026

SPECIFICATION OF WORK

1. Scope of Work

The work shall take place in Lot 21 and 22, Concession 5 in the Municipality of Brooke-Alvinston.

The scope of work is as follows:

- Installation of 221 meters of 250mm dia. concrete tile and 12 meters of 300mm dia. HDPE pipe.
- Installation of 11 meters of 300mm dia. HDPE pipe for a road crossing surface culvert by open cut.
- Installation of two 600mm x 600mm catchbasins with bird cage grates and one 600mm x 600mm junction box with a concrete lid.

2. General

Each tenderer must inspect the site prior to submitting their tender and satisfy themselves by personal examination as to the local conditions that may be encountered during this project. The tenderer shall make allowance in the tender for any difficulties which they may encounter. Quantities or any information supplied by the Engineer is not guaranteed and is for reference only.

All work and materials shall be to the satisfaction of the Drainage Superintendent who may vary these specifications as to minor details but in no way decrease the proposed capacity of the drain.

The Contractor shall be responsible for the notification of all utilities prior to the start of construction.

3. Plans and Specifications

These specifications shall apply and be part of the contract. This specification of work shall take precedence over all plans and general conditions pertaining to the contract. The Contractor shall provide all labour, equipment, and supervision necessary to complete the work as shown in the plans and described in these specifications. Any work

-SP2-

not described in these specifications shall be completed according to the Ontario Provincial Standard Specifications and Standard Drawings.

4. Health and Safety

The Contractor at all times shall be responsible for health and safety on the worksite including ensuring that all employees wear suitable personal protective equipment including safety boots and hard hats.

The Contractor shall be responsible for traffic control as per the Ontario Traffic Manual Book 7 – Temporary Conditions (latest revision) when working on public road allowances. A copy of a traffic control plan shall be kept on site at all times. The Contractor shall maintain suitable barricades, warning lights, and temporary traffic notices, at his expense, in their proper position to protect the public both day and night. Flagmen are the responsibility of the Contractor when working on the road allowance and when entering or exiting a worksite onto a roadway.

The Contractor shall be responsible to ensure that all procedures are followed under the Occupational Health and Safety Act to ensure that work sites are safe and that accidents are prevented. In the event of a serious or recurring problem, a notice of noncompliance will be issued. The Contractor will be responsible for reacting immediately to any deficiency and correcting any potential health and safety risk. Continuous disregard for any requirement of the Occupational Health and Safety Act could be cause for the issuance of a stop work order or even termination of the contract.

The Contractor shall also ensure that only competent workmen are employed onsite and that appropriate training and certification is supplied to all employees.

5. Workplace Safety and Insurance Board

The Contractor hereby certifies that all employees and officers working on the project are covered by benefits provided by the Contractor. The WSIB clearance certificate must be furnished prior to the execution of the Contract and updated every 60 days.

6. Weather Conditions

Work shall be carried out under this Report and completed within the agreed upon Schedule as permitted by weather. The Engineer or the Drainage Superintendent reserves the right to restrict construction and access to the site based on the weather and ground conditions.

7. Utilities

The Contractor is responsible for organizing locates and exposing all the utilities along the length of the drainage works. If any utilities interfere with the proposed drainage works in a manner not shown on the accompanying Estimate of Cost or profile the Contractor shall notify the Drainage Superintendent and Engineer.

The Contractor is responsible for coordinating the replacement of additional utilities with the utility company if they interfere with the proposed drain. All costs for the utility to replace their services will be outside of this report and shall be borne by the utility as per Section 26 of the Drainage Act.

All additional costs to work around and organize replacement of the utilities not included in the estimate shall be tracked separately and the cost plus a portion of the engineering (25% of the cost) shall be borne by that utility.

8. Pre-Construction Meeting

There is a requirement for a pre-construction meeting to be held prior to any construction taking place. The meeting shall be scheduled by the Contractor. The Landowners, Engineer, the Municipality of Brooke-Alvinston shall be notified of the pre-construction meeting at least 48 hours prior.

9. Benchmarks

The benchmarks are based on geodetic elevations. Elevations are available at the locations shown on the Plan and Profile drawings. Where these elevations are on existing structures to be replaced, they shall be transferred by the Contractor prior to the removal.

The Contractor is required to complete a benchmark loop prior to construction to verify the benchmarks. If discrepancies exist the Contractor must notify the Drainage Superintendent and Engineer prior to completing any work.

10. Access and Working Area

Access to the drain for the construction and future maintenance of the proposed covered tile drain shall be from Argyll Road and along the length of the drainage works.

The working area for construction of the proposed covered tile drain shall be restricted to a width of 25 meters centered on the proposed tile. The working area for future maintenance shall be reduced to 6 meters centered on the tile.

-SP4-

11. Covered Drain

The existing Main Drain shall be located to determine the exact location of the junction box and start of the proposed Branch “B”. The new proposed covered drain shall be installed as per the drawings.

The Contractor shall supply, install, and backfill the specified sizes of tile and pipe to the depths and grades as shown on the drawings as follows:

- Station 0+000 to Station 0+221 – 250mm dia. concrete pipe

Concrete tile shall conform to ASTM C412, extra quality. Tile shall have a circular interior and exterior shape. Where the concrete tile depth is greater than 2.5 meters the tile shall be 2000D concrete tile and shall be bedded to the spring line with clear stone. The estimated length of 2000D concrete tile required has been shown as a separate item. Clear stone bedding to the spring line shall be included as part of this item.

The Contractor shall strip the topsoil for a width of 6m normally centered on the proposed drain. The topsoil shall be stockpiled at the edge of the working allowance for the duration of the tile installation. Once the tile is installed, the Contractor shall level the topsoil over the drain to their pre-construction condition ensuring a minimum of 760mm cover.

The trenching and laying of the concrete tile shall be done by wheel machine. An excavator must be used in areas of soil instability, unless approved by the Engineer. When an excavator is used clearstone bedding is required. All tile joints shall be wrapped with filter fabric for a minimum 300mm width (Terrafix 270R or approved equivalent). The filter fabric shall be overlapped by 450mm at the top of the tile. The tile shall be laid in straight lines or on smooth gradual curves with a minimum radius or 25 meters.

Where approved by the Engineer (or specified), concrete tile may be laid in tighter curves by saw cutting joints. The maximum deflection of one concrete tile joint shall be 22 degrees. Turns of greater than 22 degrees shall require the use of manufactured bends (PE smooth wall).

Laser control shall be used to ensure proper grades. The grades calculated on the Profile are to the invert of the tile and pipe with allowances to be made by the Contractor for the wall thickness of the tile and pipe. The depths shown and figured are from ground level to the invert of the pipe along the line of the proposed drain. Should an error appear in

-SP5-

the figured depth at any station or stations, the grade shall be made to correspond with that shown on the Profile without extra charge.

Wheel Machine

A wheel machine shall be used to excavate the trench to allow for a round bottom. Prior to backfilling, the tile shall be covered manually to a depth of approx. 100mm over the pipe to ensure that the tile and pipe are not displaced by large clumps of earth. The trench shall be backfilled with excavated material free of stones, broken tile or other deleterious material. All stones larger than 100mm in diameter evident immediately after construction shall be picked up by the Contractor and disposed offsite. The Landowners are responsible for stones after that. The material shall be left windrowed over the trench to allow for settlement.

Excavator

When concrete tile is installed with an excavator, the tile must be installed as per the manufacturer's recommendations **complete with bedding to the spring line** then backfilled with excavated material. Prior to backfilling, the tile shall be covered manually to a depth of approx. 100mm over the pipe to ensure that the tile and pipe are not displaced by large clumps of earth. The trench shall be backfilled with excavated material free of stones, broken tile or other deleterious material. All stones larger than 100mm in diameter evident immediately after construction shall be picked up by the Contractor and disposed offsite. The Landowners are responsible for stones after that. The material shall be left windrowed over the trench to allow for settlement.

If the land level must be lowered in order to carry out trenching operations, then it is up to the Contractor to determine if it is necessary and include any extra cost involved. They shall first strip the topsoil to its full depth and stockpile it along one side of the working width and then grade the area to allow the trenching to be carried out. All excavated material shall be windrowed on the side opposite the trench that the topsoil is stockpiled. After trenching and backfilling operations are complete, the topsoil shall be spread to its original depth.

All areas disturbed by construction, except the material windrowed over the trench, shall be left in a condition suitable for cultivation.

The Contractor shall not operate any trenching or backfill equipment, delivery trucks or equipment, pickup trucks or other vehicles along or over the trench during or after construction. The Contractor shall be responsible for any damage caused by any

-SP6-

equipment or vehicles operated over the trench. If the Contractor must cross the trench, they will do so in one area.

The Landowners are also warned not to operate farm equipment over the trench or along the length of the trench for 1 year after construction in order to protect the tile.

Future replacements shall conform to these specifications.

12. Road Crossings

Argyll Road

The proposed crossing under Argyll Road consists of a 300mm dia. HDPE pipe for the Crockett Drain Branch "B" and a 300mm dia. HDPE surface road culvert pipe.

The existing steel culvert shall be removed in its entirety. The culvert and native excess material shall be disposed offsite at the expense of the Contractor. Suitable granular backfill shall be stockpiled adjacent to the site for reuse during installation of the proposed culvert.

The Contractor shall supply, install, and backfill the HDPE smooth wall gasketed pipe with bell and spigot joints (320 KPa) and CSA approved. Future pipe replacements shall be to the same specifications.

The proposed pipes shall be installed in the same general location as the existing pipes, unless otherwise stated on the drawings or in the specification. The location of the culvert may be moved a short distance if approved by the Engineer or Drainage Superintendent.

The bottom of the excavation shall be excavated to the required depth with any over excavation backfilled with drainage stone. When the pipes has been installed to the proper grade and depth, the excavation shall be backfilled with drainage stone from the bottom of the excavation to the spring line of the tile. Care shall be taken to ensure that the backfill on either side of the pipe does not differ by more than 300mm so that the pipe is not displaced. Within the road allowance the pipe shall be backfilled above the spring line to 200mm below finished grade with OPS Granular "A". Outside the road allowance excavated material can be used. The top 200mm within the road shall be 100% crushed Granular "A" or Granular "M" to match existing. Granular material shall be mechanically compacted to 95% modified standard proctor density and filter fabric shall be placed between the changes in bedding and backfill in all cases.

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The rip rap end walls shall consist of 150mm x 300mm quarry stone or approved equal. The area to receive the rip rap shall be graded to a depth of 400mm below finished grade. Filter fabric (Mirafi P150 or approved equal) shall then be placed with any joints overlapped a minimum 600mm. The quarry stone shall then be placed with the smaller pieces placed in the gaps and voids to give it a uniform appearance. The rip rap shall be extended to include around the 450mm pipe as directed by the Engineer or Drainage Superintendent.

It is the Contractors responsibility to locate and expose any utilities prior to the installation of any tile. If there is a conflict with the tile elevation the Contractor is required to notify the Engineer. Any permits that are required by the Road Authority are the responsibility of the Contractor.

The ditches shall be graded to ensure the surface water is collected to the catch basins and road crossing pipe.

The Contractor shall be responsible for maintenance of the road pipe for a period of one year after their installation. This will include repairing any settlement areas on the travel surface with granular "A" or "M".

13. Catch Basins and Junction Box

Structure	Station	Type (mm)	Top Elev. (m)	Outlet Pipe Elev. (m)	Inlet Pipe Elev. (m)
JB #1	0+015	600x600	211.95	211.17 (N) 250ø	211.20 (S) 250ø 211.52 (E) 200ø
CB #2	0+221	600x600	216.60	215.21 (E) 250ø	215.26 (W) 300ø
CB #3	0+232	600x600	216.63	215.36 (E) 300ø	

Structures shall be square precast concrete structures as noted above and shall have a birdcage type grate for catchbasins and a concrete lid for the junction box. Catchbasins shall be flat top. Structures shall be installed as identified on the Plans.

-SP8-

The structures shall be made with the top sections separate from the base sections in order to allow riser sections to be installed or removed as necessary (i.e. the base section shall not extend for more than 150mm above the top of the highest opening in the base section). The wall thickness of all structures shall be 115mm and each shall have a 300mm sump. Birdcage grates shall be manufactured with a bar spacing no larger than 50mm.

The structures shall be set at the final elevations as directed by the Drainage Superintendent or Engineer Designate. The structures shall be set on a layer of drainage stone. The drainage stone shall be extended up to the spring line of the inlet and outlet pipe connections.

Connections to the structures shall be concreted on both the inside and outside prior to backfilling. Any pipe or tile shall not protrude more than 50mm inside the wall.

As part of this item the Contractor shall grade the area in the vicinity of the catchbasins to ensure proper drainage as directed by the Engineer or Drainage Superintendent. Rip rap shall be installed around the basins. The rip rap shall be 150mmx300mm c/w filter fabric. The area to receive the rip rap shall first be graded to allow the placement of the rip rap to a depth of 400mm below finished grade. After grading, a layer of filter fabric (Terrafix 2700R or approved equal) is to be placed with any joints overlapped a minimum of 600mm. Rip rap shall then be placed with the smaller pieces placed in the gaps and voids to give it a uniform appearance

14. Subsurface Drainage

All existing subsurface drains encountered during construction of the covered drain shall be connected to the proposed drain unless otherwise noted on the drawings or as directed by the Drainage Superintendent. The downstream end shall be plugged to the satisfaction of the Drainage Superintendent.

For 100mm and 150mm subsurface drains, the upstream end of the subsurface drain shall be connected to the tile drain at a 45-degree angle. A suitable length of equivalent sized PE agricultural tubing shall be used to connect the drains. Manufactured fittings shall connect the PE tile to the existing drain and to the concrete tile. The connections shall be carefully backfilled to ensure there is adequate support under the pipe and large clumps of clay do not displace the tile. It is recommended that clear stone be used under the connections at the tile drain.

-SP9-

15. Restoration

All areas disturbed by construction as directed by the Engineer Designate or Drainage Superintendent shall be returned to their pre-construction state. Within the road right of way all areas where disturbed by construction, shall be topped with 100mm of screened topsoil and hand seeded immediately following construction in accordance with the seed mixture, fertilizer and application rate as shown below.

If the hand seed has not germinated, at the discretion of the Engineer or Drainage Superintendent, prior to the one-year maintenance period, the area shall be hydroseeded in accordance with the seed mixture, fertilizer and application rate as shown below.

Seed mixture, fertilizer and application rates are as follows:

- Hydraulic mulch (2,999 kg/ha.) type “B” and water (52,700 litres/ha.) in accordance with OPSS 572 (hydroseed).

The above seed mixture shall apply unless otherwise approved by the Drainage Superintendent or Engineer.

16. Environmental Considerations

The Contractor shall take care to adhere to the following considerations.

- Operate machinery in a manner that minimizes disturbance to the banks of the watercourse.
- Erosion and sediment control measures must be installed prior to construction to prevent sediment from entering the water body.
- Material shall not be in areas regulated by the Conservation Authority or Ministry of Natural Resources.
- All granular and erosion control materials shall be stockpiled a minimum of 3.0m from the top of the bank or excavation. Material shall not be placed in surface water runs or open inlets that enter the channel.
- All activities, including maintenance procedures, shall be controlled to prevent the entry of petroleum products, debris, rubble, concrete, or other deleterious substances into the water. Vehicle and equipment refuelling and maintenance shall be conducted away from the channel, any surface water runs, or open inlets. All waste materials shall be stockpiled well back from the top of the bank and all surface water runs and open inlets that enter the drain.
- The Contractor shall conduct regular inspections and maintain erosion and sediment control measures and structures during the course of construction.

-SP10-

- The Contractor shall repair erosion and sediment control measures and structures if damage occurs.
- The Contractor shall remove non-biodegradable erosion and sediment control materials once site is stabilized.
- Remove all construction materials from site upon project completion.

17. Miscellaneous

It will be the landowner's responsibility to mark all tile and tile mains prior to construction and future maintenance.

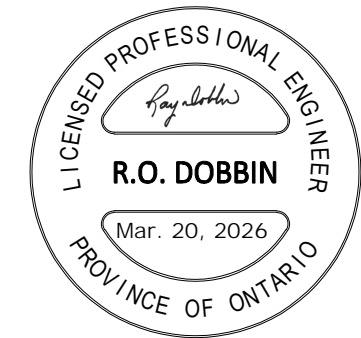
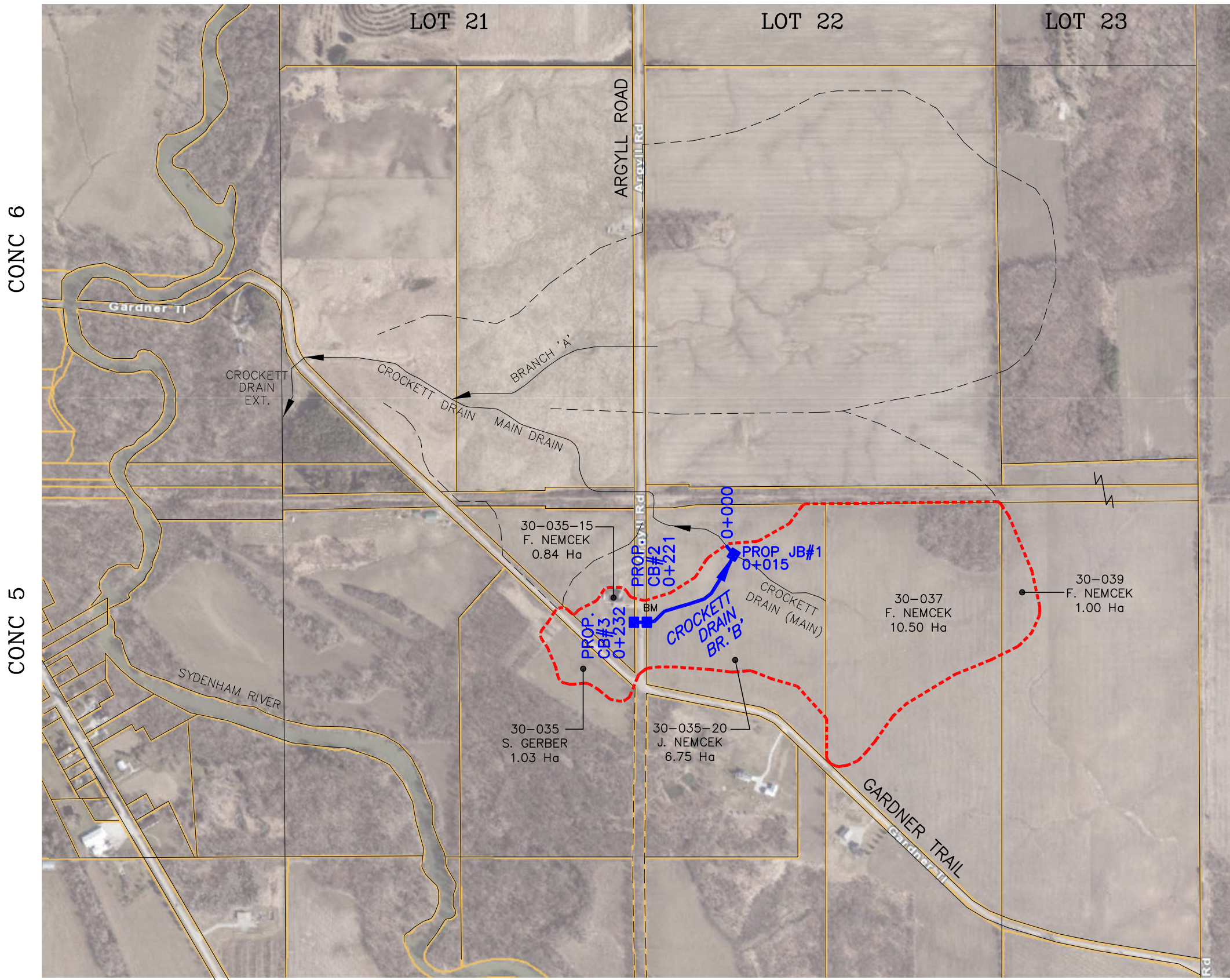
It is recommended that the landowner not plant over the proposed tile for a minimum of 1 year to allow for proper compaction.

ENCLOSURE

Estimated Net Assessment
Net assessment subject to OMAFA ADIP Policy and Actual Construction Costs.

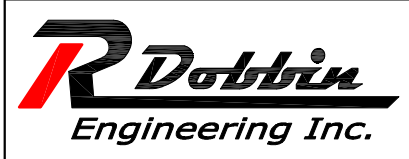
To construct the Crockett Drain Branch 'B'.

Conc.	Lot or Part	Affected Hectares	Roll No.	Owner	Total Assessment (\$)	Estimated Grant (\$)	Allowances (\$)	Estimated Net Assessment (\$)
Agricultural Lands:								
5	NE pt. Lot 21	1.03	30-035	S. Gerber	3,119.00	1,040.00		2,079.00
	NE pt. Lot 21	0.84	30-035-15	F. Nemcek	6,045.00	2,015.00		4,030.00
	NW pt. Lot 22	6.75	30-035-20	J. Nemcek	30,351.00	10,117.00	7,840.00	12,394.00
	NE pt. Lot 22	10.50	30-037	F. Nemcek	3,536.00	1,179.00		2,357.00
	NW pt. Lot 23	1.00	30-039	F. Nemcek	269.00	90.00		179.00
Total Agricultural Lands					43,320.00	14,441.00	7,840.00	21,039.00
Public Lands: Roads								
	Argyll Road	0.25		Municipality of Brooke-Alvinston	30,022.00			30,022.00
	Gardner Trail	0.34		Municipality of Brooke-Alvinston	3,089.00			3,089.00
Total Public Lands: Roads					33,111.00	-	-	33,111.00
Total Net Assessment					76,431.00	14,441.00	7,840.00	54,150.00



LEGEND

- - - DRAINAGE AREA
- ▶ CROCKETT DRAIN BRANCH 'B'
- ▶ MUNICIPAL DRAIN
- PROPOSED CATCHBASIN OR JUNCTION BOX



4218 Oil Heritage Road
 Petrolia Ontario, N0N 1R0
 Phone: (519) 882-0032 Fax: (519) 882-2233

DRAWING NAME: Crockett Drain Branch 'B' Plan
 PROJECT No.: 2025-1770

APPROVED	NO.	REVISIONS	DATE	BY
R. DOBBIN				
CHECKED D. MOORES	1	FINAL REPORT	MAR. 20, 2026	DM
DRAWN K. VANDERSLAGT				

SCALE: 1:7500

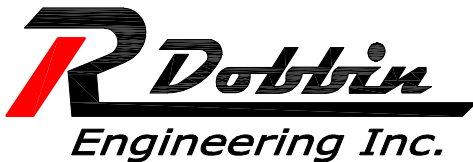
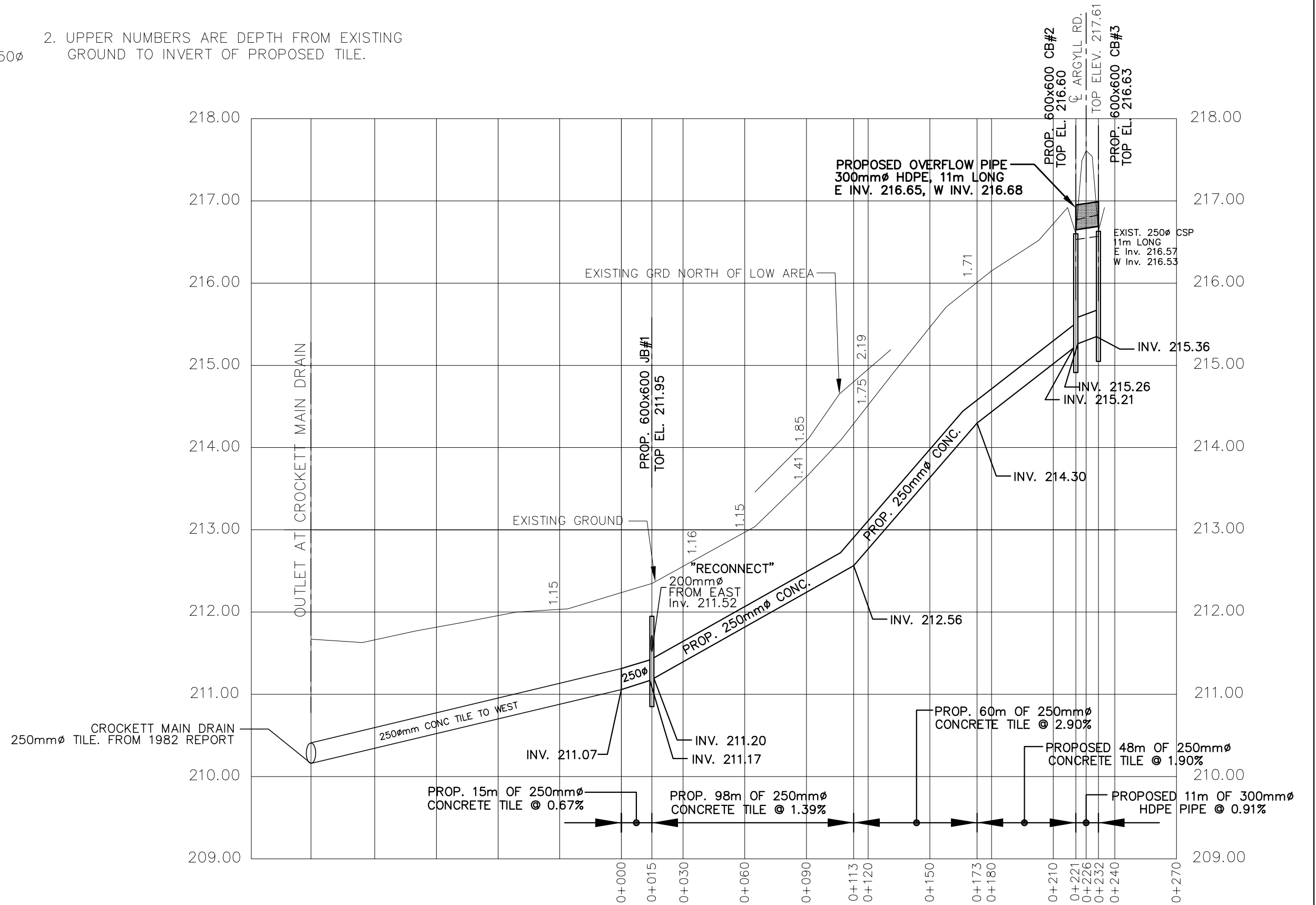
MUNICIPALITY of BROOKE-ALVINSTON

CROCKETT DRAIN BRANCH 'B' PLAN

1
OF 3

GENERAL NOTES

1. BENCHMARK No.1 ELEV. 216.772
TOP OF EAST END OF EXISTING 250Ø
CSP CROSSING ARGYLL ROAD.
2. UPPER NUMBERS ARE DEPTH FROM EXISTING
GROUND TO INVERT OF PROPOSED TILE.



4218 Oil Heritage Road
Petrolia Ontario, N0N 1R0
Phone: (519) 882-0032 Fax: (519) 882-2233

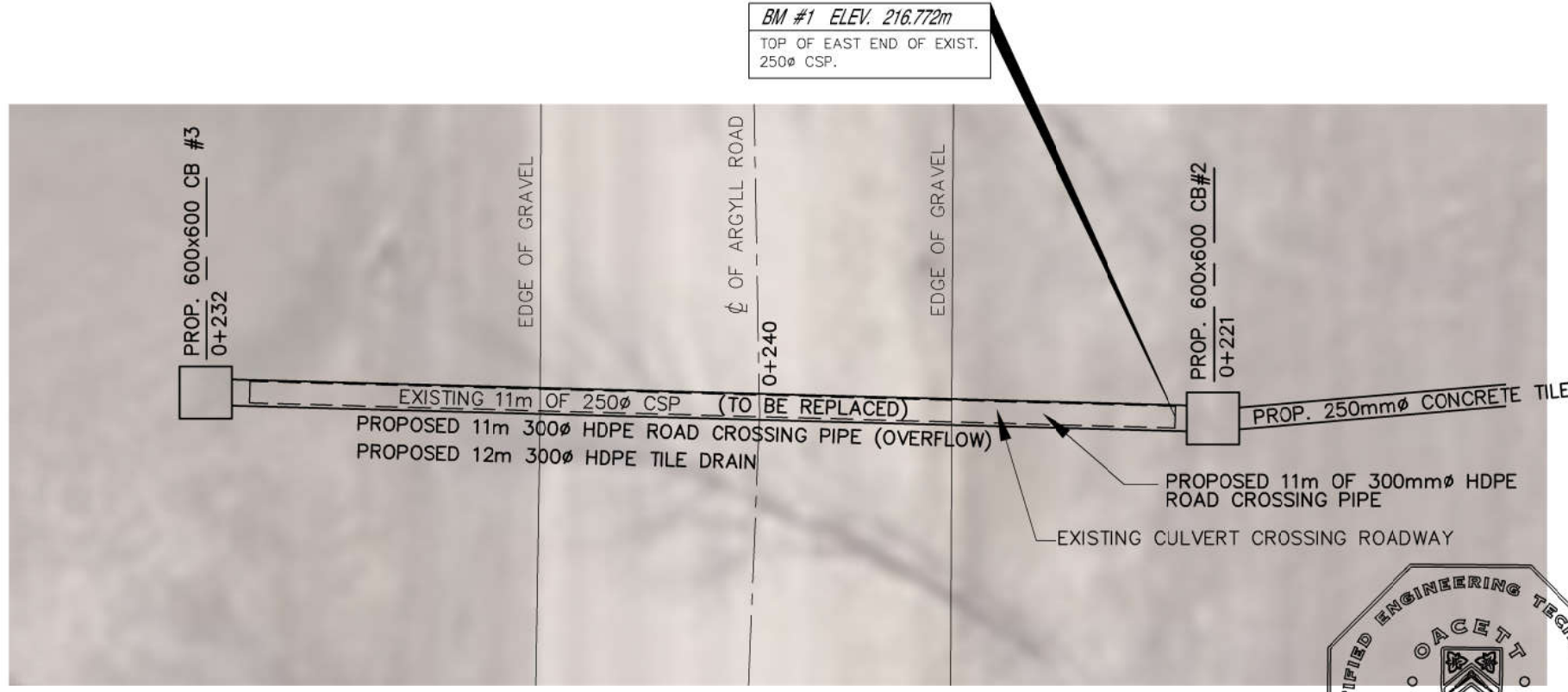
DRAWING NAME:
Crockett Drain Branch 'B' Profile

PROJECT No.
2025-1770

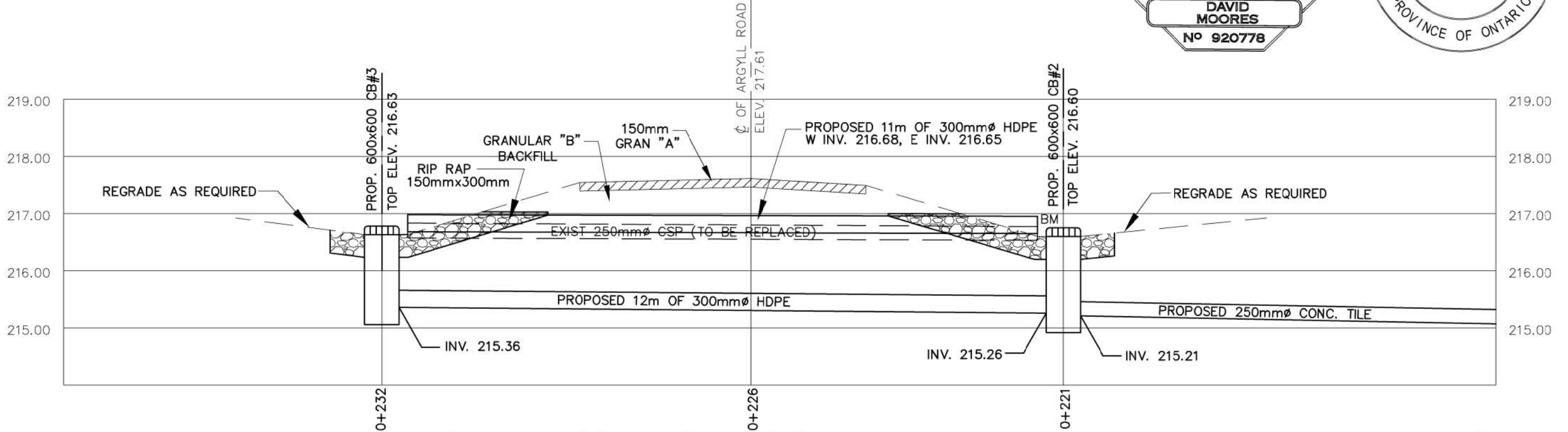
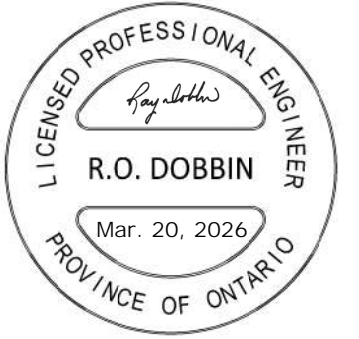
APPROVED R. DOBBIN	NO.	REVISIONS	DATE	BY
CHECKED D. MOORES	1	FINAL REPORT	MAR. 20, 2026	DM
DRAWN K. VANDERSLAGT	SCALE: 1:2,000			

MUNICIPALITY of BROOKE - ALVINSTON
CROCKETT DRAIN BRANCH 'B'
PROFILE

2
OF 3



PROPOSED ROAD CROSSING PLAN



4218 Oil Heritage Road
Petrolia Ontario, N0N 1R0
Phone: (519) 882-0032 Fax: (519) 882-2233

DRAWING NAME: Crockett Drain Branch 'B' Road Crossing Details
PROJECT No.: 2025-1750

APPROVED	NO.	REVISIONS	DATE	BY
R. DOBBIN				
CHECKED	1	FINAL REPORT	MAR. 20, 2026	DM
D. MOORES				
DRAWN				
K. VANDERSLAGT				

SCALE 1:75

MUNICIPALITY of BROOKE - ALVINSTON
CROCKETT DRAIN BRANCH 'B'
ROAD CROSSING DETAILS

3
OF 3

Last Updated: March 19, 2026



4218 Oil Heritage Road
 Petrolia, Ontario, N0N 1R0
 Phone: (519) 882-0032 Fax: (519) 882-2233
 www.dobbineng.com

March 19, 2026

The Mayor and Council
 Municipality of Brooke-Alvinston
 3236 River Street
 Alvinston, Ontario
 N0N 1A0

Gentlemen:

Re: Cherry Creek Drain and Cherry Creek Drain Branch

In accordance with your instructions, I have undertaken an examination of a portion of Cherry Creek and a Branch of Cherry Creek with regards to improving the channel downstream from the south boundary of the north quarter of the south half of Lot 11, Concession 2 (roll no. 10-084) to the existing Cherry Creek Drain and thence to the outlet to the Sydenham River. The proposed work extends south through Lot 11, Concession 2 and Lots 10 and 11, Concession 1 in the Municipality of Brooke-Alvinston and through Lots 35 to 33, Concession 5 in the Township of Dawn-Euphemia to the Sydenham River. The section of the drainage works where the improvements are to be carried out have been surveyed with elevations taken as required.

Authorization under the Drainage Act

This is an Engineers Report that has been prepared under section 4 of the Drainage Act as per a petition submitted by an interested Landowner.

A petition for the drainage, by means of a drainage works, of an area requiring drainage may be filed with the Municipality in which an area is situate by,

- a) the majority in number of the owners including the owners of any roads in the area.
- b) the owner or owners of lands in the area representing at least 60% of the hectareage in the area.
- c) where the drainage works is required for a road or part thereof.

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The drainage area is the area that contributes surface and/or subsurface water to the drainage works. The area requiring drainage is defined as that area that is low lying or dish shaped where surface waters and/or subsurface waters collect and would benefit from the improved drainage.

Three petitions have been submitted to the Municipality. The first petition was submitted by the Owner of the northeast quarter of Lot 11, Concession 1 (roll no. 10-029) requesting that the Cherry Creek Drain be extended upstream into his property to provide outlet for his tile main. Two later petitions requested that the drainage works be extended further upstream into the south part Lot 11, Concession 2. One petition requested an extension of the drainage works to the north limit of the centre part of the south half of Lot 11, Concession 2 (roll no. 10-085). The petition extending into the north part of the south half of Lot 11, Concession 2 (roll no. 10-084) was subsequently removed by the Owner.

The two petitions comply with section 4(1)(b) of the Drainage Act requiring the Owner or Owners representing the majority of the Owners in the area requiring drainage to sign the petition for drainage.

Existing Drainage

The Cherry Creek Drain was constructed in Lots 34 and 35, Concession 5 in the Township of Dawn-Euphemia (former Township of Euphemia) under Bylaw no. 25 of 1978 (Engineer's Report dated June 29, 1978). The drainage works extends from an outlet to the Sydenham River generally north for a distance of approx. 700 metres. Improvements were made to the channel to contain the flow from all but usually severe freshets. The works included some limited dyking on the east side of the channel and a low-level crossing in Lot 34, Concession 5 (roll no. 30-005).

Cherry Creek continues upstream in a generally north direction into Lot 34, Concession 5 thence continues in a generally northwest direction to a point on the southeast corner of Campbell Line and Sutorville Road where it provides outlet to the 6 and 7 Sideroad Drain, the Government Drain No. 1 and the Campbell Drain. In Lot 34, Concession 5, Cherry Creek provides outlet for a channel that extends generally north through Lots 34 and 35, Concession 5 in the Township of Dawn Euphemia and Lots 10 and 11, Concessions 1 and 2 in the Municipality of Brooke Alvinston to a point in the north part Lot 10, Concession 2 where it provides outlet for the 9/10 Sideroad Drain. This channel provides outlet for the Morwood Petition Drain and Lamb Drain in the Municipality of Brooke Alvinston.

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Onsite Meeting

An onsite meeting was held on November 29, 2022. At the meeting, it was requested that the existing Cherry Creek Drain be extended upstream to the NE1/4 Lot 11, Concession 1 (roll no. 10-029) in the Municipality of Brooke-Alvinston. A second onsite meeting was held on July 18, 2023. At this meeting, it was requested that the Cherry Creek Drain be extended upstream to the north limit of the centre part the S1/2 Lot 11, Concession 2 (roll no. 10-085).

The purpose of the first meeting was to discuss the extension of the Cherry Creek Drain to provide outlet for tile mains. It was also requested that the channel be cleaned to remove high points and obstructions in the channel, remove brush that is interfering with the flow of water and remove any beaver dams. The Owner of the NE1/4 Lot 34, Concession 5 in the Township of Dawn-Euphemia requested that two crossings be constructed to allow access to lands west of the channel. The erosion along the length of the channel, particularly south of Aberfeldy Line, has been requested to be repaired.

The purpose of the second meeting was to extend the Cherry Creek Drain further upstream to the north limit of the centre part of the S1/2 of Lot 11, Concession 2 to address erosion issues and remove blockages.

Site Investigation and Survey

There were 4 low level crossings found along the proposed drainage works and the existing Cherry Creek Drain. There is one crossing in the south part Lot 34, Concession 5 in the Township of Dawn-Euphemia that is part of the Cherry Creek Drain. There is a road crossing under Aberfeldy Line. There were two low crossings found in the SE1/4 Lot 10, Concession 1, one low level crossing in the W1/2 Lot 11, Concession 1 of the Municipality of Brooke-Alvinston. There is also a crossing in the south part Lot 11, Concession 2.

The NE1/4 Lot 34 is divided into 3 pieces by the Cherry Creek Drain and Cherry Creek Branch Drain. The Owner has requested access to both parcels; therefore 2 crossings will be required. Since the channels divide the property preventing access, both crossings will be eligible for agricultural grant.

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Design

The access culverts are designed to accommodate a 1 in 2 year storm. The low level crossings are to match the elevation of the bottom of the channel which will be submerged during rainfall events. The low level crossings are proposed due to the lack of depth in the channel to accommodate typical access culverts.

Recommendations

The following work has been carried out and is to be incorporated under this report:

1. The Cherry Creek Drain shall be extended upstream to the point where the proposed Branch outlets to Cherry Creek in the NE1/4 Lot 34, Concession 5 in the Township of Dawn-Euphemia (roll no. 30-003).
2. The Cherry Creek Branch Drain shall be extended upstream in a generally northerly direction to the north limit of the centre part of the S1/2 Lot 11, Concession 2 in the Municipality of Brooke-Alvinston (roll no. 10-085).
3. The channel shall be improved by spot cleaning the channel. This will include the removal of high points in the channel and the removal of obstructions from the channel. This will include the existing Cherry Creek Drain extending from an outlet to the Sydenham River upstream to the north limit of the centre part of the S1/2 Lot 11, Concession 2 (roll no. 10-085).
4. The banks of the channel shall be resloped on the side that the equipment is working from where required or as directed by the Drainage Superintendent. The equipment will generally work from the cultivated field side and avoid bush areas if possible. Generally resloping will be required in areas on the outside of curves in the channel.
5. Erosion protection consisting of rip rap and filter cloth shall be placed where necessary along the length of the drainage works, in particular, in areas on the outside of curves in the channel and in areas of bank failure and erosion. In other areas double straw matting shall be placed on disturbed sideslopes.
6. Brush and trees are to be removed from the side of the channel and top of bank that the equipment is working from only as necessary to allow excavating equipment to operate. Brush and trees on the side opposite are to be removed only where the brush and trees impede flow in the channel or to repair erosion.

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7. The existing low level crossing in the SE1/4 Lot 34, Concession 5, located on the existing municipal drainage work, shall be replaced with a corrugated steel pipe arch with sufficient capacity to accommodate a 1 in 2 year storm (Culvert no. 1).
8. Two corrugated steel pipe arches are to be constructed in the NE1/4 Lot 34, concession 5 (roll no. 30-003) with sufficient capacity to accommodate a 1 in 2 year storm (Culverts no. 2 and 3). Each providing access to pieces of land divided by channels.
9. The existing low level crossing at sta. 1+963 in the SE1/4 Lot 10, Concession 1 (roll no. 10-030) shall be removed from the drainage works
10. The existing low level crossing in the SE1/4 Lot 10, Concession 1, sta. 2+262, (roll no. 10-030, Culvert no. 5) and the existing low level crossing in the W1/2 Lot 11, Concession 1, sta. 3+074, (roll no. 10-031, Culvert no. 6) are to be removed from the drainage works and are to be replaced with low level crossings.
11. The existing access culvert located in the south part of the S1/2 Lot 11, Concession 2, sta. 3+912, (roll no. 10-087, Culvert no. 7) shall be removed and replaced with a corrugated steel pipe arch.
12. Buffer strips with a width of 4.5 metres shall be established in cultivated fields along both sides of the channel.
13. Maintenance and Repair provisions are to be established.

It is recommended that property owners take care when spraying, cultivating lands or planting adjacent to a channel. The damage caused to the sideslopes from spraying and the movement of soil down the sideslope cause blockages in the channel and leads to increased maintenance costs.

Estimate of Cost

It is recommended that the work be carried out in accordance with the accompanying Specification of Work and the Profile, which form part of this Report. There has been prepared an Estimate of Cost in the amount of \$849,659.00 including the cost of Engineering, attendance at the Meeting to Consider, and attendance at the Court of Revision. An estimate for tendering, inspection, and contract administration has been provided. Appearances before appeal bodies have not been included in the cost estimate.

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A Plan has been prepared showing the location of the work and the approximate drainage area.

Approvals

The drainage works will require approval from the St. Clair Region Conservation Authority and the Department of Fisheries and Oceans. Construction cannot commence without the necessary approvals.

Assessment

As per section 21 of the Drainage Act, the Engineer in his report shall assess for benefit and outlet for each parcel of land and road liable for assessment.

Lands, roads, buildings, utilities, or other structures that are increased in value or are more easily maintained as a result of the construction, improvement, maintenance, or repair of a drainage works may be assessed for benefit. (Section 22)

Lands and roads that use a drainage works as an outlet, or for which, when the drainage works is constructed or improved, an improved outlet is provided either directly or indirectly through the medium of any other drainage works or of a swale, ravine, creek, or watercourse may be assessed for outlet. The assessment for outlet shall be based on the volume and rate of flow of the water artificially caused to flow into the drainage works from the lands and roads liable for such assessments. (Section 23)

The Engineer may assess for special benefit any lands for which special benefits have been provided by the drainage works. (Section 24)

A Schedule of Assessment for lands and roads affected by the work and therefore liable for the cost thereof has been prepared as per the Drainage Act. Also, I assessed any affected public utility or road authority, as per section 26 of the Drainage Act, any increased costs for the removal or relocation of any of its facilities and plant that may be necessitated by construction or future maintenance and repair work. The cost of any fees for permits or approvals or any extra work required by any affected utility, road authority, conservation authority, ministry, government agency, etc., federal or provincial, shall be assessed to that organization requiring the permit, approval, or extra work.

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The estimated cost of the work has been assessed as follows:

1. The cost of the channel improvements has been assessed with approximately 30% of the cost applied as benefit assessment to the benefiting properties and the remainder of the estimated cost assessed as outlet assessment on upstream lands and roads based on equivalent hectares.
2. The cost of construction of the culvert crossings in the SE1/4 Lot 34, the NE1/4 Lot 34, Concession 5 in the Township of Dawn Euphemia have been assessed with approx. 25% of the cost assessed as benefit assessment and the remainder of the cost assessed as outlet assessment to upstream properties based of equivalent hectares.
3. The cost of construction of the culvert crossing and the low level crossing in the SE1/4 Lot 10, W1/2 Lot 11, Concession 1 and the South part Lot 11, Concession 2 in the Municipality of Brooke Alvinston has been assessed with approx. 33% of the cost assessed as benefit assessment and the remainder of the cost assessed as outlet assessment to upstream properties based of equivalent hectares.
4. The cost of construction of the access culvert in the south part Lot 11, Concession 2 in the Municipality of Brooke Alvinston has been assessed with approx. 25% of the cost assessed as benefit assessment and the remainder of the cost assessed as outlet assessment to upstream properties based of equivalent hectares.
5. The cost of any erosion protection required along the length of the drainage works has been assessed as outlet assessment to the adjoining and upstream lands and roads based on equivalent hectares.
6. The cost of any erosion protection required at private water entries to the drainage works and the replacement/repair of existing clay, concrete or PE tile ends tile shall be assessed as a special benefit assessment to the adjacent lands.

Allowances

Under section 29 of the Drainage Act, the Engineer in his report shall estimate and allow in money to the Owner of any land that it is necessary to use for the construction or improvement of a drainage works or for the disposal of material removed from a drainage works. This shall be considered an allowance for right of way.

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Under section 30 of the Drainage Act, the Engineer shall determine the amount to be paid to persons entitled thereto to damage, if any, to ornamental trees, fences, land, and crops occasioned by the disposal of material removed from a drainage works. This shall be considered an allowance for damages.

Allowances have been made under sections 29 for right of way in the amount of \$37,050.00 per hectare (\$15,000.00 per acre) and under section 30 of the Drainage Act for damages to lands and crops occasioned by the disposal of excavated material in the amount of \$2,000.00 per hectare (\$810.00 per acre) for the first year and \$1,000.00 per hectare (\$405.00 per acre) for the second year (total = \$3,000.00).

Access and Working Area

Access for construction and future maintenance of the various portions of the proposed work shall be from Aberfeldy Line, Cox Road or Little Ireland Road and along the length of the drainage works. Access to the drainage works from the road allowance shall be along designated lanes or other approved areas. The access from the road allowance to the drainage works shall be restricted to a width of 6 metres.

The working area shall extend 20 metres from the top of bank on the side that the equipment is working from. For culvert/crossing construction, the working area shall also extend 15 metres on the side opposite and 15 metres upstream and downstream.

Subsurface Drains

The Owners along the length of the drainage works are responsible to mark the location of all subsurface drains prior to the commencement of the work. Any damage to subsurface drains not property marked by the Owner shall be the responsibility of the Owner to repair.

Drain Classification

Cherry Creek and the Cherry Creek Drain are not classified and the Cherry Creek Branch is classified as a class "E" drain according to AgMaps on the Ministry of Agriculture, Food and Agribusiness website. Class "E" drains are considered to have permanent warm water with top predators present. These drains are subject to a timing window in which no work can be completed between March 15 and July 15. The works will require a Class Authorization or Fisheries Act Authorization from DFO and a Permit from the St. Clair Region Conservation Authority.

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Based on the Aquatic Species at Risk Mapping on the Fisheries and Oceans Canada website, the drain does not contain any critical habitat, but shows the potential for species at risk such as Blackstripe Topminnow and Spotted Sucker to be present.

Restrictions

No trees and shrubs shall be planted nor shall permanent structures be erected within 10 metres of either side of the proposed drain without prior written permission of Council. If trees are planted that interfere with access for future maintenance of the drainage works, they shall be removed at the expense of the Owner.

All existing subsurface drainage encountered during construction shall be extended to outlet directly to the open channel. Any subsurface drainage connected during construction or in the future shall be connected subject to section 83 of the Drainage Act under which pollution of drains is prohibited. Attention is also drawn to sections 80 and 82 of the Drainage Act that refer to the obstruction of a drainage works.

Agricultural Grant

It is recommended that application for subsidy be made for eligible agricultural properties. Any assessments against non agricultural properties are shown separately in the Schedule of Assessment.

Maintenance

Upon completion of the work, the drainage works shall be maintained and repaired in accordance with the total assessment contained in the appropriate Schedules of Maintenance unless otherwise altered under the provisions of the Drainage Act.

The access culverts shall be maintained and repaired with 1/3 of the cost assessed to the benefitting Landowner and the remainder of the cost assessed as outlet assessment to upstream properties based on the equivalent hectares contained in the Schedule of Maintenance.

If an Owner damages the sideslope of the channel or buffer strips either by overspraying, cultivation, planting practices, or by the entry of private surface or subsurface drains, the sideslope and/or channel bottom and/or buffer strip may be repaired at the direction of the Municipality by the removal of any sediment within the channel bottom or sideslopes, seeding, erosion protection with rip rap and filter fabric, reseeding and/or double straw

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matting (see Specifications). All costs associated with the repair of the channel and berm shall be at the expense of the Owner.

All of the above is submitted for your consideration.

Yours truly,



Ray Dobbin, P. Eng
R. Dobbin Engineering Inc.



Cherry Creek Drain and Cherry Creek Branch
Municipality of Brooke - Alvinston
March 19, 2026

ALLOWANCES

Allowances have been made as per section 29 of the Drainage Act for right of way and section 30 of the Drainage Act for damages to lands and crops.

Conc. Lot or pt. Lot	Roll No.	Owner	Section 29	Section 30	Total
Township of Dawn Euphemia					
5 Npt.E1/2 L33	30-004	Parkins Family Farms		4,176.00	4,176.00
SE1/4 L34	30-005	Parkins Family Farms	1,701.00	3,213.00	4,914.00
NE1/4 L34	30-003	G. Schinnour	3,423.00	2,772.00	6,195.00
pt. L35	30-001	S. Dow	3,068.00	2,484.00	5,552.00
Municipality of Brooke Alvinston					
1 Spt.W1/2 L10	10-027	T. Parkins	2,701.00	2,187.00	4,888.00
SE1/4 L10	10-030	E. Morwood	8,770.00	7,101.00	15,871.00
NE1/4 L10	10-029	T. Parkins	4,902.00	3,969.00	8,871.00
W1/2 L11	10-031	E. Morwood	10,470.00	8,478.00	18,948.00
Npt.E1/2 L11	10-03201	Premier Swine Genetics Ltd.	889.00	720.00	1,609.00
2 Spt. L11	10-087	T. Parkins	2,401.00	1,944.00	4,345.00
Ctr.pt.S1/2 L11	10-085	T. Parkins	5,780.00	4,680.00	10,460.00
Npt.S1/2 L11	10-084	R. & R. Lucan		100.00	100.00
Total Allowances			44,105.00	41,824.00	85,929.00

Estimate of Cost

To extend the drainage works from Lot 33, Concession 5 in the Township of Dawn-Euphemia upstream to the south limit of the N1/4S1/2 Lot 11, Concession 2 in the Municipality of Brooke-Alvinston, remove one crossing, replace two crossings, construct two crossings and related work.

Allowances: 85,929.00

	Quantity	Unit	Material	Labour	
Brushing	4,628	m		36,400.00	36,400.00
Excavation of Channel	4,628	m		69,420.00	69,420.00
Excavate Side Opposite	1,024	m		15,360.00	15,360.00
Levelling	5,739	m		28,695.00	28,695.00
Replace Crossing No. 1					
Remove Existing Material				1,400.00	
3650 mm x 2280 mm CSP Arch	10	m	17,980.00	4,200.00	
Drainage Stone	30	t	750.00	700.00	
Backfill Material	315	m3	3,520.00	2,800.00	
Gran. "A"	60	t	1,800.00		
Gabion Stone	56	t	4,200.00	2,800.00	
Concrete Blocks	56	ea	6,720.00	2,800.00	
			34,970.00	14,700.00	49,670.00

	Quantity	Unit	Material	Labour	
Construct Low Level Crossing (No. 2)					
3650 mm x 2280 mm CSP Arch	10	m	17,980.00	4,200.00	
Drainage Stone	30	t	750.00	700.00	
Backfill Material	315	m3	3,520.00	2,800.00	
Gran. "A"	60	t	1,800.00		
Gabion Stone	56	t	4,200.00	2,800.00	
Concrete Blocks	56	m3	<u>6,720.00</u>	<u>2,800.00</u>	
			34,970.00	13,300.00	48,270.00
Construct Low Level Crossing (No. 3)					
2800 mm x 1950 mm CSP Arch	20	m	14,410.00	4,200.00	
Drainage Stone	20	t	500.00	700.00	
Backfill Material	209	m3	2,420.00		
Gran. "A"	56	t	1,680.00	2,800.00	
Gabion Stone	114	t	<u>8,550.00</u>	<u>120.00</u>	
			27,560.00	7,820.00	35,380.00
Remove Existing Low Level Crossing (No. 4)					
Remove Existing Material				<u>1,400.00</u>	
				1,400.00	1,400.00

	Quantity	Unit	Material	Labour	
Replace Existing Low Level Crossing (No. 5)					
Remove Existing Material				1,400.00	
Cable Crete CC35	143	m2	10,010.00	4,200.00	
Drainage Stone	20	t	500.00	700.00	
Backfill Material	50	m3	550.00	1,400.00	
Gabion Stone	18	t	1,350.00	1,400.00	
			12,410.00	9,100.00	21,510.00
Replace Existing Low Level Crossing (No. 6)					
Remove Existing Material				1,400.00	
Cable Crete CC35	143	m2	10,010.00	4,200.00	
Drainage Stone	20	t	500.00	700.00	
Backfill Material	50		550.00	1,400.00	
Gabion Stone	18	t	1,350.00	1,400.00	
			12,410.00	9,100.00	21,510.00
Replace Existing Access Culvert (No. 7)					
Remove Existing Material				1,400.00	
3300 mm x 2080 mm CSP Arch	10	m	16,220.00	4,200.00	
Drainage Stone	20	t	500.00	700.00	
Gabion Stone		t	0.00	0.00	
Concrete Blocks	34	ea	4,080.00	2,800.00	
			20,800.00	9,100.00	29,900.00

SCHEDULE OF ASSESSMENT

To extend the drainage works from Lot 33, Concession 5 in the Township of Dawn-Euphemia upstream to the south limit of the N1/4S1/2 Lot 11, Concession 2 in the Municipality of Brooke-Alvinston, remove one crossing, replace two crossings, construct two crossings and related work.

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner	Special Benefit	Benefit	Outlet	Total
Township of Dawn Euphemia								
Agricultural Land								
5	NEcor. L35	3.83(1.36)	30-00105	I. McVicar			167.00	167.00
	W1/2 L35	6.41(1.83)	20-170	J. Batista			291.00	291.00
	W1/2 L34	16.19(2.73)	20-169	P. Deschamps			643.00	643.00
	NE1/4 L34	20.24(11.78)	30-003	G. Schinnour		35,083.00	540.00	35,623.00
	SE1/4 L34	20.24(1.24)	30-005	Parkins Family Farms		22,259.00	396.00	22,655.00
	Npt.E1/2 L33	31.00(3.80)	30-004	Parkins Family Farms		10,782.00	338.00	11,120.00
6	Wpt. L35 & Wpt. L34	4.45	30-055	T. Parkins			175.00	175.00
			Total Benefit			68,124.00	2,550.00	70,674.00
			Total Outlet			<u>2,550.00</u>		
			Total - Agricultural			70,674.00		
Non Agricultural land								
5	Wpt.E1/2 L35	5.85(1.83)	30-001	S. Dow		6,414.00	261.00	6,675.00
	Ept.L35	0.80	30-002	I. McVicar			63.00	63.00
6	pt.Wpt. L34	0.41	30-05501	W. Schinnour			35.00	35.00
			Total Benefit			6,414.00	359.00	6,773.00
			Total Outlet			<u>359.00</u>		
			Total - Non Agricultural			6,773.00		

Schedule of Assessment (cont'd)

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Conc.	Lot or Part	Affected Hect.	Roll No.	Owner	Benefit	Outlet	Total
Public Lands: Roads							
	Aberfeldy Line (1/2)	2.23		Township of Dawn Euphemia	355.00	515.00	870.00
	Cox Road	1.21		Township of Dawn Euphemia		192.00	192.00
				Total Benefit	355.00	707.00	1,062.00
				Total Outlet	707.00		
				Total - Public Lands: Roads	1,062.00		
				Total - Non Agricultural	6,773.00		
				Total - Agricultural	70,674.00		
				Total - Township of Dawn Euphemia	\$78,509.00		

Municipality of Brooke Alvinston

Agricultural Land

1	W1/2 L4	1.62	10-010	611376 Ontario Inc.		86.00	86.00
	NE1/4 L4	2.43	10-011	692696 Ontario Inc.		129.00	129.00
	NW1/4 L5	4.05	10-011	692696 Ontario Inc.		214.00	214.00
	NE1/4 L5	11.34	10-013	1499301 Ontario Ltd.		600.00	600.00
	N1/2 L6	4.86	10-015	J. Lassaline		257.00	257.00
	S1/2 L6	6.88	10-016	R. McCormick		364.00	364.00
	NW1/4 L7	20.24	10-017	A. MacDougall		1,071.00	1,071.00
	S1/2 L7	39.89	10-018	McCormick Farms Inc.		2,110.00	2,110.00
	NE1/4 L7 & W1/4 L8	39.89(9.54)	10-019	Cob Roller Farms Ltd.		1,858.00	1,858.00
	Npt.E1/2W1/2 L8	10.12	10-020	A. MacDougall		535.00	535.00
	W1/2E1/2 L8	20.24	10-021	R. McCormick		1,071.00	1,071.00
	E1/4 L8 & W1/4 L9	40.48	10-022	R. McCormick		2,142.00	2,142.00
	E1/2W1/2 L9 & pt.E1/2 L9	24.59(2.86)	10-024	T. Parkins		1,225.00	1,225.00
	Spt.E1/2 L9	24.56	10-023	R. Lucan		1,299.00	1,299.00
	pt.Npt.E1/2 L9	9.60	10-025	Parkins Family Farms Ltd.		508.00	508.00

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner	Benefit	Outlet	Total
Agricultural Land (cont'd)							
1	pt.Npt.E1/2 L9	2.40	10-026	H. Stokes		127.00	127.00
	Spt.W1/2 L10	38.59(1.94)	10-027	T. Parkins	5,647.00	2,897.00	8,544.00
	Npt.W1/2 & NE1/4 L10	23.61(2.44)	10-029	T. Parkins	10,247.00	2,868.00	13,115.00
	SE1/4 L10	20.24(4.44)	10-030	E. Morwood	2,380.00	1,589.00	31,613.00
	W1/2 L11	26.32(4.02)	10-031	E. Morwood		31,199.00	35,269.00
	Npt.E1/2 L11 & Npt.W1/2 L12	32.81	10-03201	Premier Swine Genetics Ltd.	1,859.00	6,060.00	7,919.00
	Npt.E1/2 L11	6.45(6.45)	10-033	G. Howes-Parkins		597.00	597.00
2	E1/2 L3	21.05	10-066	692696 Ontario Inc.		1,114.00	1,114.00
	L4	80.96(24.25)	10-068	R. Robinson		3,642.00	3,642.00
	SW1/4 L5	20.24(9.77)	10-070	B. Kelly		813.00	813.00
	SE1/4 L5	20.24	10-071	Lassaline Farms 2014 Inc.		1,071.00	1,071.00
	N1/2 L5	40.48	10-069	McCormick Farms Inc.		2,142.00	2,142.00
	N1/2 L6	40.48(2.88)	10-072	1002154 Ontario Ltd.		2,065.00	2,065.00
	SW1/4 L6	20.24	10-07201	R. Martin		1,071.00	1,071.00
	SE1/4 L6	20.24	10-073	R. Martin		1,071.00	1,071.00
	NW1/4 L7	20.24	10-074	R. Martin		1,071.00	1,071.00
	NE1/4 L7	19.84(2.26)	10-075	M. McNally		4,484.00	4,484.00
	S1/2 L7	40.25	10-076	R. Martin		2,129.00	2,129.00
	N1/2 L8	40.48(5.34)	10-077	J. Zimmerman		9,061.00	9,061.00
	S1/2 L8	40.48	10-079	M. Campbell		2,142.00	2,142.00
	S1/2 L9	39.70(4.36)	10-080	R. Van Damme		8,181.00	8,181.00
	N1/2 L9	40.48(.40)	10-081	R. Lucan		9,653.00	9,653.00
	Npt. L10	24.48(4.38)	10-082	E. Molzan		5,342.00	5,342.00
	pt.Npt. L10 & pt.Npt. L11	36.81(9.38)	10-083	J. Lassaline		7,697.00	7,697.00
	Npt.S1/2 L10 & Ctr.pt.S1/2 L11	20.55(2.51)	10-084	R. Lucan		4,625.00	4,625.00
	Ctr.ptS1/2 L10 & Ctr.pt.S1/2 L11	37.22(3.40)	10-085	T. Parkins	12,084.00	7,730.00	19,814.00
	Spt. L10 & Spt. L11	20.24(4.08)	10-087	T. Parkins	18,982.00	3,584.00	22,566.00
	Npt. L11	24.29(8.63)	10-086	D. Pasut		4,788.00	4,788.00

Schedule of Assessment (cont'd)

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Conc.	Lot or Part	Affected Hect.	Roll No.	Owner	Benefit	Outlet	Total
Agricultural Land (cont'd)							
2	N1/2 L12	6.95(3.83)	10-088	R. Van Damme		1,208.00	1,208.00
	S1/2 L12	37.08(0.54)	10-089	R. Van Damme		8,821.00	8,821.00
3	E1/2 L3	6.07	10-120	5001668 Ontario Limited		321.00	321.00
	SW1/4 L4	20.24	10-121	1499301 Ontario Ltd.		1,071.00	1,071.00
	NW1/4 L4	20.24	10-122	1499031 Ontario Ltd.		1,071.00	1,071.00
	W1/2E1/2 L4	20.24(3.45)	10-123	B. Kelly		980.00	980.00
	E1/4 L4	20.24(4.00)	10-124	B. Kelly		965.00	965.00
	W1/2 L5	40.48(6.19)	10-125	692696 Ontario Inc.		1,978.00	1,978.00
	E1/2 L5	40.48(7.73)	10-126	R. McCormick		1,937.00	1,937.00
	S1/2 & W1/3N1/2 L6	55.22	10-127	McCormick Farms Inc.		2,922.00	2,922.00
	E2/3N1/2 L6	26.45	10-129	B. Kelly		1,399.00	1,399.00
	W1/2 L7	40.48(1.94)	10-130	1002154 Ontario Limited		2,090.00	2,090.00
	E1/2 L7	40.48(6.00)	10-131	W. McCormick		6,615.00	6,615.00
	W1/2 L8	40.48(5.70)	10-132	D. Zimmerman		7,597.00	7,597.00
	E1/2 L8	40.48(4.92)	10-133	R. Molzan		9,111.00	9,111.00
	S1/4 L9	20.24	10-134	R. MacDougall		4,850.00	4,850.00
	N1/2S1/2 L9	20.14	10-135	R. Martin		4,826.00	4,826.00
	N1/2 L9	40.48	10-136	R. Molzan		9,701.00	9,701.00
	NW1/4 L10	20.24	10-137	R. Martin		4,850.00	4,850.00
	SW1/4 & W1/4E1/2 L10	30.36	10-138	Parkins Family Farms Ltd.		7,276.00	7,276.00
	E3/4E1/2 L10	30.36(6.30)	10-140	D. Pasut		6,521.00	6,521.00
	N1/2 L11	40.48	10-139	L. Rosina		9,701.00	9,701.00
	SW1/4 L11	19.50(2.20)	10-141	D. Pasut		4,409.00	4,409.00
	N1/2 L12	16.0(10.76)	10-145	R. Werden		3,206.00	3,206.00
4	S1/2 L4	39.67(3.91)	10-175	1499031 Ontario Ltd.		1,996.00	1,996.00
	N1/2 L4	40.48(4.76)	10-176	D. Dudley		2,016.00	2,016.00
	L5 & W1/2 L6	121.44	10-177	1002192 Ontario Inc.		6,425.00	6,425.00
	E1/2 L6	40.48	10-178	R. Martin		2,142.00	2,142.00
	NW1/4 L7	20.24	10-179	R. Martin		1,071.00	1,071.00
	SW1/4 L7	20.24(9.04)	10-180	R. Martin		832.00	832.00
	E1/2 L7 & W1/4 L8	59.68(7.44)	10-18101	Premier Swine Genetics Ltd.		2,961.00	2,961.00
	E1/2W1/2 & W1/2E1/2 L8	40.48(5.16)	10-182	Premier Swine Genetics Ltd.		2,005.00	2,005.00

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner	Benefit	Outlet	Total	
Agricultural Land (cont'd)								
4	E1/4 L8 & W1/2 L9	56.68(8.06)	10-183	E. Molzan		2,786.00	2,786.00	
	E1/2 L9	40.48(6.73)	10-184	D. Werden		8,896.00	8,896.00	
	S1/2 L10	40.48(3.28)	10-185	J. Lassaline		9,308.00	9,308.00	
	N1/2 L10	39.68(3.96)	10-186	J. Lucan		9,035.00	9,035.00	
	NW1/4 L11	20.24	10-18605	J. Lucan		4,850.00	4,850.00	
	SW1/4 L11	20.24	10-187	J. Lucan		4,850.00	4,850.00	
	E1/2 L11	40.48(3.14)	10-188	N. McLachlin		9,325.00	9,325.00	
	W1/2 L12	40.48(6.81)	10-189	J. McLachlin		8,886.00	8,886.00	
	E1/2 L12	16.20(.34)	10-190	F. Nemcek		3,842.00	3,842.00	
	5	S1/2 L4	38.89	20-019	1036790 Ontario Inc.		1,607.00	1,607.00
		S1/2 L5	40.48	20-021	R. & M. MacDougall		2,142.00	2,142.00
		S1/2 L6	40.48(6.12)	20-022	M. Martin		1,980.00	1,980.00
N1/2 L6		34.64	20-023	C. Martin		1,833.00	1,833.00	
N1/2 L7		39.41(3.87)	20-025	T. Martin		1,983.00	1,983.00	
S1/2 L7		40.08(4.96)	20-026	J. Watson		1,989.00	1,989.00	
Npt. L8		4.05	20-028	1002192 Ontario Inc.		214.00	214.00	
Spt. W1/2 L8		38.04(4.35)	20-027	A. MacDougall		1,898.00	1,898.00	
Spt. E1/2 L8		38.39(4.81)	20-02701	D. MacDougall		1,904.00	1,904.00	
pt. Npt. Wpt. L9		28.63	20-02702	D. MacDougall		1,515.00	1,515.00	
Spt. Wpt. L9		23.17	20-029	1432234 Ontario Limited		1,226.00	1,226.00	
Ept. L9		25.54	20-030	M. Chalupka		1,351.00	1,351.00	
Npt. Wpt. L9		2.02	20-031	1002192 Ontario Inc.		107.00	107.00	
L10		78.01	20-033	M. Chalupka		18,695.00	18,695.00	
W1/2 L11		39.68	20-034	N. McLachlin		9,509.00	9,509.00	
E1/2 L11		39.68	20-035	J. McLachlin		9,509.00	9,509.00	
L12		59.61	20-036	RCH Family Farms Ltd.		14,285.00	14,285.00	
6	S1/4 L6, C6 & Npt. L6, C5	6.07	20-055	D. & J. Van Damme		321.00	321.00	
	S1/2N1/2 L6	3.24	20-056	C. Martin		171.00	171.00	
	NE1/4 L6	17.41	20-05605	1950685 Ontario Limited		921.00	921.00	
	SWpt. & SEpt. L7	30.45	20-057	C. Martin		1,611.00	1,611.00	
	Npt. Wpt. L7	16.39	20-058	R. Patterson		867.00	867.00	
	NEpt. L7 & NW1/4 L8	53.99	20-059	A. Meyer		2,856.00	2,856.00	

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner	Benefit	Outlet	Total
Agricultural Land (cont'd)							
6	SW1/4 & E1/2 L8	60.72	20-060	10021920 Ontario Inc.		3,212.00	3,212.00
	NW1/4 L9	20.24	20-061	R. Martin		1,071.00	1,071.00
	NE1/4 L9	20.24	20-062	R. Patterson		1,071.00	1,071.00
	S1/2 L9	40.48	20-063	1002192 Ontario Inc.		2,142.00	2,142.00
	S1/2 L10	39.69(3.36)	20-064	LaSalle Farms Ltd.		9,108.00	9,108.00
	N1/2 L10	40.48	20-065	C. Bell		9,701.00	9,701.00
	W1/2 L11	40.48	20-066	D. & J. Van Damme		9,701.00	9,701.00
	E1/2 L11	40.48	20-067	G. Van Damme		9,701.00	9,701.00
	N1/2 L12	37.24	20-068	B. Goss		8,924.00	8,924.00
	S1/4 L12	20.24	20-069	B. Goss		4,861.00	4,861.00
	N1/2S1/2 L12	19.43	20-070	R. F. Patterson		4,656.00	4,656.00
7	NE1/4 L6	20.24	20-083	L. Douglas		836.00	836.00
	SE1/4 L6	20.24	20-082	S. Douglas		836.00	836.00
	S1/2 L7	40.48	20-084	1432234 Ontario Limited		2,142.00	2,142.00
	S1/2N1/2 L7	20.24	20-08405	Chapla Farms Ltd.		1,071.00	1,071.00
	N1/4 L7	20.24(10.29)	20-085	L. Chapman Estate		799.00	799.00
	W1/2 L8	40.48(3.24)	20-086	A. MacDougall		2,056.00	2,056.00
	E1/2 L8	40.48(4.77)	20-08601	D. MacDougall		2,016.00	2,016.00
	W1/2 L9	40.48(1.23)	20-087	G. Van Damme		8,568.00	8,568.00
	E1/2 L9	40.48	20-088	R. F. Patterson		9,701.00	9,701.00
	W1/2 & NE1/4 L10	60.72	20-089	Chapla Farms Ltd.		14,551.00	14,551.00
	SE1/4 L10	20.24	20-091	D. & J. Van Damme		4,850.00	4,850.00
	W1/2 L11	40.48	20-092	D. & J. Van Damme		9,701.00	9,701.00
	E1/2 L11	40.48	20-093	D. & J. Van Damme		9,701.00	9,701.00
	SW1/4 L12	20.24	20-094	R. J. Patterson		4,850.00	4,850.00
	SE1/4 L12	18.22	20-09405	J. Van Den Corput		4,366.00	4,366.00
	S1/4N1/2 L12	6.10	20-09501	Bob & Laura Van Damme Farms		1,462.00	1,462.00
	N3/4N1/2 L12	27.94	20-096	1767077 Ontario Inc.		6,696.00	6,696.00
8	S3/4 L6	14.17	20-107	L. Douglas		750.00	750.00
	S1/2 & NW1/4 L7	60.04(3.12)	20-108	L. Chapman Estate		3,094.00	3,094.00
	NE1/4 L7	19.83	20-109	Chapla Farms Ltd.		1,049.00	1,049.00
	W1/4 L8	20.24	20-110	J. Douglas		1,071.00	1,071.00

Schedule of Assessment (cont'd)

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner	Benefit	Outlet	Total
Agricultural Land (cont'd)							
8	E1/2W1/2 & W1/2E1/2 L8	40.48(7.70)	20-111	S. Douglas		1,938.00	1,938.00
	E1/4 L8	20.24(3.85)	20-112	B. Podolinsky		969.00	969.00
	W1/4 L9	20.24(3.85)	20-113	Piggybank Farms Inc.		969.00	969.00
	E1/2W1/2 L9	20.24(2.23)	20-114	R. Podolinsky		1,012.00	1,012.00
	E1/2 L9	40.48	20-115	1432234 Ontario Limited		8,108.00	8,108.00
	W1/2 L10	40.48	20-116	D. MacKellar		9,701.00	9,701.00
	E1/2 L10	40.48	20-117	Piggybank Farms Inc.		9,701.00	9,701.00
	W1/4 L11	20.24	20-118	L. Gilroy		4,850.00	4,850.00
	E1/2W1/2 & W1/2E1/2 L11	40.48	20-119	1152513 Ontario Ltd.		9,701.00	9,701.00
	E1/4 L11	20.24	20-120	G. McGugan		4,850.00	4,850.00
	NW1/4 L12	20.24	20-121	D. MacKellar		4,850.00	4,850.00
	NE1/4 L12	20.24(2.42)	20-122	1152513 Ontario Ltd.		4,560.00	4,560.00
	S1/2 L12	39.68	20-123	Bob & Laura Van Damme Farms		9,509.00	9,509.00
				Total Special Benefit	2,380.00	107,662.00	713,373.00
				Total Benefit	107,662.00		
				Total Outlet	603,331.00		
				Total - Agricultural	713,373.00		
Non Agricultural Land							
1	pt.S1/2 L7	0.40	10-01801	B. Friesen		192.00	192.00
	pt.W1/4 L8	0.59	10-01920	S. Kuehl		237.00	237.00
	Spt.E1/2W1/2 L8	10.12(8.04)	10-02001	W. Faflak		323.00	323.00
2	pt.E1/2 L3	0.29	10-06605	J. Close		37.00	37.00
	pt.NW1/4 L7	0.42	10-07405	G. Hofer		43.00	43.00
	pt.NE1/4 L7	0.40	10-07505	L. Smith		42.00	42.00
	pt.S1/2 L7	0.24	10-07605	M. Zimmerman		34.00	34.00
	pt.S1/2 L9	0.78	10-08010	B. Kilbreath		62.00	62.00
4	pt.S1/2 L4	0.81	10-17510	A. Belan		64.00	64.00
	pt.E1/2 L7	1.04	10-181	R. Styve		76.00	76.00

Schedule of Assessment (cont'd)

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner	Benefit	Outlet	Total
Non Agricultural Land (cont'd)							
4	pt.N1/2 L10	0.80	10-18602	R. Gordon		63.00	63.00
	pt.N1/2 L10	0.98	10-18604	A. Lucan		73.00	73.00
5	pt.S1/2 L4	1.59	20-020	L. & A. Star Trading Inc.		105.00	105.00
	Npt.W1/2 L10	2.25	20-032	J. McKerlie		635.00	635.00
6	pt.Spt. L7	0.37	20-05701	E. Archer		185.00	185.00
	pt.S1/2 L10	0.80	20-06405	G. Edwards		288.00	288.00
8	pt.W1/2 L7	0.68	20-10801	L. Chapman		57.00	57.00
	pt.NE1/4 L7	0.21	20-10901	J. MacDonald		32.00	32.00
	pt.E1/2 L9	0.35	20-11501	S. Dorman		180.00	180.00
			Total Benefit		0.00	2,728.00	2,728.00
			Total Outlet		2,728.00		
			Total - Non Agricultural		2,728.00		
Public Lands: Roads							
	Courtright Line	13.44	County of Lambton			6,678.00	6,678.00
	Inwood Road	12.30	County of Lambton			2,603.00	2,603.00
	Campbell Line	7.29	Municipality of Brooke Alvinston			1,157.00	1,157.00
	Aberfeldy Line (1/2)	2.23	Municipality of Brooke Alvinston		355.00	1,603.00	1,958.00
	Oil Springs Line	8.90	Municipality of Brooke Alvinston			5,133.00	5,133.00
	Bush Line	3.64	Municipality of Brooke Alvinston			2,617.00	2,617.00
	Shiloh Line	7.59	Municipality of Brooke Alvinston			3,829.00	3,829.00
	Sutorville Road	21.58	Municipality of Brooke Alvinston			15,410.00	15,410.00
	Little Ireland Road	21.58	Municipality of Brooke Alvinston			15,410.00	15,410.00
	Ebenezer Road	0.49	Municipality of Brooke Alvinston			254.00	254.00
			Total Benefit		355.00	54,694.00	55,049.00
			Total Outlet		54,694.00		
			Total - Public Lands: Roads		55,049.00		

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner	Benefit	Outlet	Total
Total Assessment							
				Total - Public Lands: Roads	55,049.00		
				Total - Non Agricultural	2,728.00		
				Total - Agricultural	<u>713,373.00</u>		
				Total Assessment Brooke Alvinston	771,150.00		
				Total Assessment Dawn Euphemia	<u>78,509.00</u>		
				Total Assessment	\$849,659.00		

SCHEDULE OF MAINTENANCE No. 1

To maintain and repair the Cherry Creek Drain from the outlet to the Sydenham River upstream to the outlet of the Cherry Creek Drain Drain Branch.

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner	Benefit	Outlet	Total
Township of Dawn Euphemia							
Agricultural Land							
5	NEcor. L35	3.83(1.36)	30-00105	I. McVicar		3.75	3.75
	W1/2 L35	6.41(1.83)	20-170	J. Batiata		6.54	6.54
	W1/2 L34	16.19(2.73)	20-169	P. Deschamps		32.76	32.76
	NE1/4 L34	20.24(11.78)	30-003	G. Schinnour	272.00	17.07	289.07
	SE1/4 L34	20.24(1.24)	30-005	Parkins Family Farms	630.00	19.65	649.65
	Npt.E1/2 L33	31.00(3.80)	30-004	Parkins Family Farms	821.00		821.00
6	Wpt. L35 & Wpt. L34	4.45	30-055	T. Parkins		4.81	4.81
			Total Benefit		1,723.00	84.58	1,807.58
			Total Outlet		84.58		
			Total - Agricultural		1,807.58		
Non Agricultural land							
5	Wpt.E1/2 L35	5.85(1.83)	30-001	S. Dow		5.88	5.88
	Ept.L35	0.80	30-002	I. McVicar		1.43	1.43
6	pt.Wpt. L34	0.41	30-05501	W. Schinnour		0.96	0.96
			Total Benefit		0.00	8.27	8.27
			Total Outlet		8.27		
			Total - Non Agricultural		8.27		

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner	Benefit	Outlet	Total
Public Lands: Roads							
	Aberfeldy Line (1/2)	2.23		Township of Dawn Euphemia		7.96	7.96
	Cox Road	1.21		Township of Dawn Euphemia		4.32	4.32
				Total Benefit	0.00	12.28	12.28
				Total Outlet	<u>12.28</u>		
				Total - Public Lands: Roads	12.28		
				Total - Non Agricultural	8.27		
				Total - Agricultural	<u>1,807.58</u>		
				Total - Township of Dawn Euphemia			\$1,828.13

Municipality of Brooke Alvinston**Agricultural Land**

1	W1/2 L4	1.62	10-010	611376 Ontario Inc.		1.93	1.93
	NE1/4 L4	2.43	10-011	692696 Ontario Inc.		2.89	2.89
	NW1/4 L5	4.05	10-011	692696 Ontario Inc.		4.82	4.82
	NE1/4 L5	11.34	10-013	1499301 Ontario Ltd.		13.49	13.49
	N1/2 L6	4.86	10-015	J. Lassaline		5.78	5.78
	S1/2 L6	6.88	10-016	R. McCormick		8.18	8.18
	NW1/4 L7	20.24	10-017	A. MacDougall		24.08	24.08
	S1/2 L7	39.89	10-018	McCormick Farms Inc.		47.45	47.45
	NE1/4 L7 & W1/4 L8	39.89(9.54)	10-019	Cob Roller Farms Ltd.		41.78	41.78
	Npt.E1/2W1/2 L8	10.12	10-020	A. MacDougall		12.04	12.04
	W1/2E1/2 L8	20.24	10-021	R. McCormick		24.08	24.08
	E1/4 L8 & W1/4 L9	40.48	10-022	R. McCormick		48.15	48.15
	E1/2W1/2 L9 & pt.E1/2 L9	24.59(2.86)	10-024	T. Parkins		27.55	27.55
	Spt.E1/2 L9	24.56	10-023	R. Lucan		29.22	29.22
	pt.Npt.E1/2 L9	9.60	10-025	Parkins Family Farms Ltd.		11.42	11.42

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner	Benefit	Outlet	Total
1	pt.Npt.E1/2 L9	2.40	10-026	H. Stokes		2.85	2.85
	Spt.W1/2 L10	38.59(1.94)	10-027	T. Parkins		44.75	44.75
	Npt.W1/2 & NE1/4 L10	23.61(2.44)	10-029	T. Parkins		26.63	26.63
	SE1/4 L10	20.24(4.44)	10-030	E. Morwood		21.44	21.44
	W1/2 L11	26.32(4.02)	10-031	E. Morwood		28.92	28.92
	Npt.E1/2 L11 & Npt.W1/2 L12	32.81	10-03201	Premier Swine Genetics Ltd.		39.03	39.03
	Npt.E1/2 L11	6.45(6.45)	10-033	G. Howes-Parkins		3.84	3.84
2	E1/2 L3	21.05	10-06605	692696 Ontario Inc.		25.04	25.04
	L4	80.96(24.25)	10-068	R. Robinson		81.89	81.89
	SW1/4 L5	20.24(9.77)	10-070	B. Kelly		18.27	18.27
	SE1/4 L5	20.24	10-071	Lassaline Farms 2014 Inc.		24.08	24.08
	N1/2 L5	40.48	10-069	McCormick Farms Inc.		48.15	48.15
	N1/2 L6	40.48(2.88)	10-072	1002154 Ontario Ltd.		46.44	46.44
	SW1/4 L6	20.24	10-07201	R. Martin		24.08	24.08
	SE1/4 L6	20.24	10-073	R. Martin		24.08	24.08
	NW1/4 L7	20.24	10-074	R. Martin		24.08	24.08
	NE1/4 L7	19.84(2.26)	10-075	M. McNally		22.26	22.26
	S1/2 L7	40.25	10-076	R. Martin		47.88	47.88
	N1/2 L8	40.48(5.34)	10-077	J. Zimmerman		44.98	44.98
	S1/2 L8	40.48	10-079	M. Campbell		48.15	48.15
	S1/2 L9	39.70(4.36)	10-0801	B. Kilbreath		44.63	44.63
	N1/2 L9	40.48(.40)	10-081	R. Lucan		47.92	47.92
	Npt. L10	24.48(4.38)	10-082	E. Molzan		26.52	26.52
	pt.Npt. L10 & pt.Npt. L11	36.81(9.38)	10-083	J. Lassaline		38.21	38.21
	Npt.S1/2 L10 & Ctr.pt.S1/2 L11	20.55(2.51)	10-084	R. Lucan		22.96	22.96
	Ctr.ptS1/2 L10 & Ctr.pt.S1/2 L11	37.22(3.40)	10-085	T. Parkins		42.25	42.25
	Spt. L10 & Spt. L11	20.24(4.08)	10-087	T. Parkins		21.65	21.65
	Npt. L11	24.29(8.63)	10-086	D. Pasut		23.77	23.77

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner	Benefit	Outlet	Total
Agricultural Land (cont'd)							
2	N1/2 L12	6.17(3.83)	10-088	R. Van Damme		6.00	6.00
	S1/2 L12	37.08(0.54)	10-089	R. Van Damme		43.79	43.79
3	E1/2 L3	6.07	10-120	5001668 Ontario Limited		7.22	7.22
	SW1/4 L4	20.24	10-121	1499301 Ontario Ltd.		24.08	24.08
	NW1/4 L4	20.24	10-122	1499031 Ontario Ltd.		24.08	24.08
	W1/2E1/2 L4	20.24(3.45)	10-123	B. Kelly		22.03	22.03
	E1/4 L4	20.24(4.00)	10-124	B. Kelly		21.70	21.70
	W1/2 L5	40.48(6.19)	10-125	692696 Ontario Inc.		44.48	44.48
	E1/2 L5	40.48(7.73)	10-126	R. McCormick		43.56	43.56
	S1/2 & W1/3N1/2 L6	55.22	10-127	McCormick Farms Inc.		65.69	65.69
	E2/3N1/2 L6	26.45	10-129	B. Kelly		31.46	31.46
	W1/2 L7	40.48(1.94)	10-130	1002154 Ontario Limited		47.00	47.00
	E1/2 L7	40.48(6.00)	10-131	W. McCormick		44.59	44.59
	W1/2 L8	40.48(5.70)	10-132	D. Zimmerman		44.76	44.76
3	E1/2 L8	40.48(4.92)	10-133	R. Molzan		45.23	45.23
	S1/4 L9	20.24	10-134	R. MacDougall		24.08	24.08
	N1/2S1/2 L9	20.14	10-135	R. Martin		23.96	23.96
	N1/2 L9	40.48	10-136	R. Molzan		48.15	48.15
	NW1/4 L10	20.24	10-137	R. Martin		24.08	24.08
	SW1/4 & W1/4E1/2 L10	30.36	10-138	Parkins Family Farms Ltd.		36.12	36.12
	E3/4E1/2 L10	30.36(6.30)	10-140	D. Pasut		32.37	32.37
	N1/2 L11	40.48	10-139	L. Rosina		48.15	48.15
	SW1/4 L11	19.50(2.20)	10-141	D. Pasut		21.89	21.89
	N1/2 L12	20.24(12.06)	10-145	R. Werden		15.92	15.92
4	S1/2 L4	39.67(3.91)	10-175	1499031 Ontario Ltd.		44.87	44.87
	N1/2 L4	40.48(4.76)	10-176	D. Dudley		45.32	45.32
	L5 & W1/2 L6	121.44	10-177	1002192 Ontario Inc.		144.46	144.46
	E1/2 L6	40.48	10-178	R. Martin		48.15	48.15
	NW1/4 L7	20.24	10-179	R. Martin		24.08	24.08
	SW1/4 L7	20.24(9.04)	10-180	R. Martin		18.70	18.70
	E1/2 L7 & W1/4 L8	59.68(7.44)	10-18104	Premier Swine Genetics Ltd.		66.57	66.57
	E1/2W1/2 & W1/2E1/2 L8	40.48(5.16)	10-182	Premier Swine Genetics Ltd.		45.08	45.08

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner	Benefit	Outlet	Total
Agricultural Land (cont'd)							
	E1/4 L8 & W1/2 L9	56.68(8.06)	10-183	E. Molzan		62.63	62.63
4	E1/2 L9	40.48(6.73)	10-184	D. Werden		44.16	44.16
	S1/2 L10	40.48(3.28)	10-185	J. Lassaline		46.20	46.20
	N1/2 L10	39.68(3.96)	10-186	J. Lucan		44.85	44.85
	NW1/4 L11	20.24	10-18605	J. Lucan		24.08	24.08
	SW1/4 L11	20.24	10-187	J. Lucan		24.08	24.08
	E1/2 L11	40.48(3.14)	10-188	N. McLachlin		46.29	46.29
	W1/2 L12	40.48(6.81)	10-189	J. McLachlin		44.11	44.11
	E1/2 L12	16.20(.34)	110-190	F. Nemcek		19.07	19.07
5	S1/2 L4	38.89	20-019	1036790 Ontario Inc.		46.26	46.26
	S1/2 L5	40.48	20-021	R. & M. MacDougall		48.15	48.15
	S1/2 L6	40.48(6.12)	20-022	M. Martin		44.51	44.51
	N1/2 L6	34.64	20-023	C. Martin		41.21	41.21
	N1/2 L7	39.41(3.87)	20-025	T. Martin		44.59	44.59
	S1/2 L7	40.08(4.96)	20-026	J. Watson		44.73	44.73
	Npt. L8	4.05	20-028	1002192 Ontario Inc.		4.82	4.82
	Spt.W1/2 L8	38.04(4.35)	20-027	A. MacDougall		42.67	42.67
	Spt.E1/2 L8	38.39(4.81)	20-02701	D. MacDougall		42.81	42.81
	pt.Npt.Wpt. L9	28.63	20-02702	D. MacDougall		34.06	34.06
	Spt.Wpt. L9	23.17	20-029	1432234 Ontario Limited		27.56	27.56
	Ept. L9	25.54	20-030	M. Chalupka		30.38	30.38
	Npt.Wpt. L9	2.02	20-031	1002192 Ontario Inc.		2.40	2.40
	L10	78.01	20-033	M. Chalupka		92.80	92.80
	W1/2 L11	39.68	20-034	N. McLachlin		47.20	47.20
	E1/2 L11	39.68	20-035	J. McLachlin		47.20	47.20
	L12	59.11	220-036	RCH Family Farms Ltd.		70.91	70.91
6	S1/4 L6, C6 & Npt. L6, C5	6.07	20-055	D. & J. Van Damme		7.22	7.22
	S1/2N1/2 L6	3.24	20-056	C. Martin		3.85	3.85
	NE1/4 L6	17.41	20-05605	1950685 Ontario Limited		20.71	20.71
	SWpt. & SEpt. L7	30.45	20-057	C. Martin		36.22	36.22
	Npt.Wpt. L7	16.39	20-058	R. Patterson		19.50	19.50
	NEpt. L7 & NW1/4 L8	53.99	20-059	A. Meyer		64.22	64.22

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner	Benefit	Outlet	Total
Agricultural Land (cont'd)							
6	SW1/4 & E1/2 L8	60.72	20-060	10021920 Ontario Inc.		72.23	72.23
	NW1/4 L9	20.24	20-061	R. Martin		24.08	24.08
	NE1/4 L9	20.24	20-062	R. Patterson		24.08	24.08
	S1/2 L9	40.48	20-063	1002192 Ontario Inc.		48.15	48.15
	S1/2 L10	39.69(3.36)	20-064	LaSalle Farms Ltd.		45.22	45.22
	N1/2 L10	40.48	20-065	C. Bell		48.15	48.15
	W1/2 L11	40.48	20-066	D. & J. Van Damme		48.15	48.15
	E1/2 L11	40.48	20-067	G. Van Damme		48.15	48.15
	N1/2 L12	37.24	20-068	R. Goss		44.30	44.30
	S1/4 L12	20.24	20-069	R. Goss		24.27	24.27
	N1/2S1/2 L12	19.43	20-070	R. F. Patterson		23.11	23.11
7	NE1/4 L6	20.24	20-083	L. Douglas		24.08	24.08
	SE1/4 L6	20.24	20-082	S. Douglas		24.08	24.08
	S1/2 L7	40.48	20-084	1432234 Ontario Limited		48.15	48.15
	S1/2N1/2 L7	20.24	20-08405	Chapla Farms Ltd.		24.08	24.08
	N1/4 L7	20.24(10.29)	20-085	L. Chapman Estate		17.96	17.96
	W1/2 L8	40.48(3.24)	20-086	A. MacDougall		46.23	46.23
	E1/2 L8	40.48(4.77)	20-08601	D. MacDougall		45.32	45.32
	W1/2 L9	40.48(1.23)	20-087	G. Van Damme		47.43	47.43
	E1/2 L9	40.48	20-088	R. F. Patterson		48.15	48.15
	W1/2 & NE1/4 L10	60.72	20-089	Chapla Farms Ltd.		72.23	72.23
	SE1/4 L10	20.24	20-091	D. & J. Van Damme		24.08	24.08
	W1/2 L11	40.48	20-092	D. & J. Van Damme		48.15	48.15
	E1/2 L11	40.48	20-093	D. & J. Van Damme		48.15	48.15
	SW1/4 L12	20.24	20-094	R. J. Patterson		24.08	24.08
	SE1/4 L12	18.22	20-09405	J. Van Den Corput		21.67	21.67
	S1/4N1/2 L12	6.10	20-09501	Bob & Laura Van Damme Farms		7.26	7.26
	N3/4N1/2 L12	27.94	20-096	1767077 Ontario Inc.		33.24	33.24
8	S3/4 L6	14.17	20-107	L. Douglas		16.86	16.86
	S1/2 & NW1/4 L7	60.04(3.12)	20-108	L. Chapman Estate		69.57	69.57
	NE1/4 L7	19.83	20-109	Chapla Farms Ltd.		23.59	23.59
	W1/4 L8	20.24	20-110	J. Douglas		24.08	24.08

Schedule of Maintenance No. 1 (cont'd)

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner	Benefit	Outlet	Total
Agricultural Land (cont'd)							
8	E1/2W1/2 & W1/2E1/2 L8	40.48(7.70)	20-111	S. Douglas		43.57	43.57
	E1/4 L8	20.24(3.85)	20-112	B. Podolinsky		21.79	21.79
	W1/4 L9	20.24(3.85)	20-113	Piggybank Farms Inc.		21.79	21.79
	E1/2W1/2 L9	20.24(2.23)	20-114	R. Podolinsky		22.76	22.76
	E1/2 L9	40.48	20-115	1432234 Ontario Limited		48.15	48.15
	W1/2 L10	40.48	20-116	D. MacKellar		48.15	48.15
	E1/2 L10	40.48	20-117	Piggybank Farms Inc.		48.15	48.15
	W1/4 L11	20.24	20-118	L. Gilroy		24.08	24.08
	E1/2W1/2 & W1/2E1/2 L11	40.48	20-119	1152513 Ontario Ltd.		48.15	48.15
	E1/4 L11	20.24	20-120	G. McGugan		24.08	24.08
	NW1/4 L12	20.24	20-121	D. MacKellar		24.08	24.08
	NE1/4 L12	20.24(2.42)	20-122	1152513 Ontario Ltd.		22.64	22.64
	S1/2 L12	39.68	20-123	Bob & Laura Van Damme Farms		47.20	47.20
				Total Benefit	0.00	5,297.57	5,297.57
				Total Outlet	<u>5,297.57</u>		
				Total - Agricultural	5,297.57		
Non Agricultural Land							
1	pt.S1/2 L6	0.40	10-01801	B. Friesen		0.95	0.95
	pt.W1/4 L8	0.59	10-01920	S. Kuehl		1.18	1.18
	Spt.E1/2W1/2 L8	10.12(8.04)	10-02001	W. Faflak		7.26	7.26
2	pt.E1/2 L3	0.29	10-06605	J. Close		0.82	0.82
	pt.NW1/4 L7	0.42	10-07405	G. Hofer		0.98	0.98
	pt.NE1/4 L7	0.40	10-07505	L. Smith		0.95	0.95
	pt.S1/2 L7	0.24	10-07605	M. Zimmerman		0.76	0.76
	pt.S1/2 L9	0.78	10-08010	B. Kilbreath		1.40	1.40
4	pt.S1/2 L4	0.81	10-17510	A. Belan		1.44	1.44
	pt.E1/2 L7	1.04	10-181	R. Styve		1.71	1.71

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner	Benefit	Outlet	Total
Non Agricultural Land (cont'd)							
4	pt.N1/2 L10	0.80	10-18602	R. Gordon		1.43	1.43
	pt.N1/2 L10	0.98	10-18604	J. Lucan		1.64	1.64
5	pt.S1/2 L4	1.59	20-020	L. & A. Star Trading Inc.		2.37	2.37
	pt. L10	2.25	20-032	J. McKerlie		3.15	3.15
6	pt.Spt. L7	0.37	20-05701	E. Archer		0.92	0.92
	pt.S1/2 L10	0.80	20-06405	G. Edwards		1.43	1.43
8	pt.W1/2 L7	0.68	20-10801	L. Chapman		1.28	1.28
	pt.NE1/4 L7	0.21	20-10901	J. MacDonald		0.73	0.73
	pt.E1/2 L9	0.35	20-11501	S. Dorman		0.89	0.89
			Total Benefit		0.00	31.29	31.29
			Total Outlet		31.29		
			Total - Non Agricultural		31.29		
Public Lands: Roads							
	Courtright Line	13.44	County of Lambton			63.95	63.95
	Inwood Road	12.30	County of Lambton			58.53	58.53
	Campbell Line	7.29	Municipality of Brooke Alvinston			26.02	26.02
	Aberfeldy Line (1/2)	2.77	Municipality of Brooke Alvinston			9.89	9.89
	Oil Springs Line	8.90	Municipality of Brooke Alvinston			31.76	31.76
	Bush Line	3.64	Municipality of Brooke Alvinston			12.99	12.99
	Shiloh Line	7.59	Municipality of Brooke Alvinston			36.12	36.12
	Suorville Road	21.58	Municipality of Brooke Alvinston			77.01	77.01
	Little Ireland Road	21.58	Municipality of Brooke Alvinston			77.01	77.01
	Ebenezer Road	0.49	Municipality of Brooke Alvinston			1.75	1.75
		99.58	Total Benefit		0.00	395.02	395.02
			Total Outlet		395.02		
			Total - Public Lands: Roads		395.02		

Schedule of Maintenance No. 1 (cont'd)

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner	Benefit	Outlet	Total
Total Assessment							
				Total - Public Lands: Roads	395.02		
				Total - Non Agricultural	31.29		
				Total - Agricultural	<u>5,297.57</u>		
				Total Assessment Brooke Alvinston	\$5,723.88		
				Total Assessment Dawn Euphemia	<u>\$1,828.13</u>		
				Total Assessment	\$7,552.01		

SCHEDULE OF MAINTENANCE No. 2

To maintain and repair the Cherry Creek Drain Branch from its outlet to the Cherry Creek Drain upstream to the north property limit of roll no. 10-085 (Ctr.pt.S1/2 Lot 11, Concession 2).

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner	Benefit	Outlet	Total
Township of Dawn Euphemia							
Agricultural Land							
5	NEcor. L35	3.83(1.36)	30-00105	I. McVicar		4.69	4.69
	NE1/4 L34	8.08(3.92)	30-003	G. Schinnour	544.00	4.79	548.79
6	Wpt. L35 & Wpt. L34	4.04	30-055	T. Parkins		6.02	6.02
				Total Benefit	544.00	15.50	559.50
				Total Outlet	15.50		
				Total - Agricultural	559.50		
Non Agricultural land							
5	Wpt.E1/2 L35	5.85(1.83)	30-001	S. Dow	487.00	7.36	494.36
	Ept.L35	0.80	30-002	I. McVicar		1.79	1.79
6	pt.Wpt. L34	0.41	30-05501	W. Schinnour		1.21	1.21
				Total Benefit	487.00	10.36	497.36
				Total Outlet	10.36		
				Total - Non Agricultural	497.36		

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner	Benefit	Outlet	Total
Public Lands: Roads							
	Aberfeldy Line (1/2)	2.23		Township of Dawn Euphemia	57.00	9.97	66.97
	Cox Road	1.21		Township of Dawn Euphemia		3.70	3.70
				Total Benefit	57.00	13.67	70.67
				Total Outlet	13.67		
				Total - Public Lands: Roads	70.67		
				Total - Non Agricultural	497.36		
				Total - Agricultural	559.50		
				Total - Township of Dawn Euphemia	\$1,127.53		

Municipality of Brooke Alvinston

Agricultural Land

1	Spt. W1/2 L10	38.59(1.94)	10-027	T. Parkins	358.00	47.46	405.46
	Npt. W1/2 & NE1/4 L10	23.61(2.44)	10-029	T. Parkins	778.00	95.64	873.64
	SE1/4 L10	20.24(4.44)	10-030	E. Morwood	1,324.00	38.88	1,362.88
	W1/2 L11	26.32(4.02)	10-031	E. Morwood	1,579.00	193.73	1,772.73
	Npt.E1/2 L11 & Npt. W1/2 L12	32.81	10-03201	Premier Swine Genetics Ltd.	141.00	261.46	402.46
	Npt.E1/2 L11	6.45(6.45)	10-033	G. Howes-Parkins		25.74	25.74
2	NE1/4 L7	19.84(2.26)	10-075	M. McNally		228.29	228.29
	N1/2 L8	40.48(5.34)	10-077	J. Zimmerman		461.33	461.33
	S1/2 L8	1.21	10-079	M. Campbell		14.76	14.76
	S1/2 L9	15.31(4.36)	10-0801	R. Van Damme		402.57	402.57
	N1/2 L9	40.48(.40)	10-081	R. Lucan		491.47	491.47
	Npt. L10	24.48(4.38)	10-082	E. Molzan		269.65	269.65
	pt.Npt. L10 & pt.Npt. L11	36.81(9.38)	10-083	J. Lassaline		387.39	387.39
	Npt.S1/2 L10 & Ctr.pt.S1/2 L11	20.55(2.51)	10-084	R. Lucan	132.00	197.75	329.75

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner	Benefit	Outlet	Total
Agricultural Land (cont'd)		130.65					
2	Ctr.ptS1/2 L10 & Ctr.pt.S1/2 L11	36.44(3.40)	10-085	T. Parkins	872.00	304.96	1,176.96
	Spt. L10 & Spt. L11	20.24(4.08)	10-087	T. Parkins	381.00	149.00	530.00
	Npt. L11	24.29(4.16)	10-086	D. Pasut		270.99	270.99
	N1/2 L12	39.70(7.92)	10-088	R. Van Damme		436.08	436.08
	S1/2 L12	40.48(1.90)	10-089	R. Van Damme		483.54	483.54
3	E1/2 L7	20.24(6.00)	10-131	W. McCormick		210.35	210.35
	W1/2 L8	28.33(5.70)	10-132	D. Zimmerman		310.89	310.89
	E1/2 L8	40.48(4.92)	10-133	R. Molzan		463.90	463.90
	S1/4 L9	20.24	10-134	R. MacDougall		246.96	246.96
	N1/2S1/2 L9	20.14	10-135	R. Martin		245.74	245.74
	N1/2 L9	40.48	10-136	R. Molzan		493.91	493.91
	NW1/4 L10	19.43	10-137	R. Martin		237.07	237.07
	SW1/4 & W1/4E1/2 L10	30.36	10-138	Parkins Family Farms Ltd.		370.43	370.43
	E3/4E1/2 L10	30.36(6.30)	10-140	D. Pasut		332.00	332.00
	N1/2 L11	40.48	10-139	L. Rosina		493.91	493.91
	SW1/4 L11	19.5(2.20)	10-141	D. Pasut		224.51	224.51
	N1/2 L12	20.24(12.06)	10-145	R. Werden		173.38	173.38
4	E1/4 L8 & W1/2 L9	4.04	10-183	E. Molzan		49.29	49.29
	E1/2 L9	40.48(6.73)	10-184	D. Werden		452.92	452.92
	S1/2 L10	40.48(3.28)	10-185	J. Lassaline		473.90	473.90
	N1/2 L10	39.68(3.96)	10-186	J. Lucan		459.99	459.99
	NW1/4 L11	20.24	10-18605	J. Lucan		246.96	246.96
	SW1/4 L11	20.24	10-187	J. Lucan		246.96	246.96
	E1/2 L11	40.48(3.14)	10-188	N. McLachlin		474.76	474.76
	W1/2 L12	40.48(6.81)	10-189	J. McLachlin		452.43	452.43
	E1/2 L12	40.48(.34)	110-190	F. Nemcek		491.84	491.84
5	Ept. L9	25.30	20-030	M. Chalupka		308.69	308.69
	Npt.Wpt. L9	2.83	20-031	1002192 Ontario Inc.		34.53	34.53
	S1/2 L9	20.24	20-063	1002192 Ontario Inc.		246.96	246.96
	L10	77.33	20-033	M. Chalupka		943.53	943.53

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner	Benefit	Outlet	Total
Agricultural Land (cont'd)		125.70					
5	W1/2 L11	39.68	20-034	N. McLachlin		484.15	484.15
	E1/2 L11	39.68	20-035	J. McLachlin		484.15	484.15
	L12	59.11	220-036	RCH Family Farms Ltd.		721.22	721.22
6	NE1/4 L9	20.24	20-062	R. Patterson		246.96	246.96
	S1/2 L9	20.24	20-063	1002192 Ontario Inc.		246.96	246.96
	S1/2 L10	39.69(3.36)	20-064	LaSalle Farms Ltd.		463.77	463.77
	N1/2 L10	40.48	20-065	C. Bell		493.91	493.91
	W1/2 L11	40.48	20-066	D. & J. Van Damme		493.91	493.91
	E1/2 L11	40.48	20-067	G. Van Damme		493.91	493.91
	N1/2 L12	37.24	20-068	R. Goss		454.38	454.38
	S1/4 L12	20.24	20-069	B. Goss		246.96	246.96
	N1/2S1/2 L12	19.43	20-070	R. F. Patterson		237.07	237.07
7	W1/2 L9	22.26(1.23)	20-087	G. Van Damme		264.16	264.16
	E1/2 L9	40.48	20-088	R. F. Patterson		493.91	493.91
	W1/2 & NE1/4 L10	60.72	20-089	Chapla Farms Ltd.		740.87	740.87
	SE1/4 L10	20.24	20-091	D. & J. Van Damme		246.96	246.96
	W1/2 L11	40.48	20-092	D. & J. Van Damme		493.91	493.91
	E1/2 L11	40.48	20-093	D. & J. Van Damme		493.91	493.91
	SW1/4 L12	20.24	20-094	R. J. Patterson		246.96	246.96
	SE1/4 L12	19.80	20-09405	J. Van Den Corput		241.59	241.59
	S1/4N1/2 L12	6.10	20-09501	Bob & Laura Van Damme Farms		74.43	74.43
	N3/4N1/2 L12	27.94	20-096	1767077 Ontario Inc.		340.91	340.91
8	E1/2 L9	24.29	20-115	1432234 Ontario Limited		378.62	378.62
	W1/2 L10	40.48	20-116	D. MacKellar		493.91	493.91
	E1/2 L10	40.48	20-117	Piggybank Farms Inc.		493.91	493.91
	W1/4 L11	20.24	20-118	L. Gilroy		246.96	246.96
	E1/2W1/2 & W1/2E1/2 L11	40.48	20-119	1152513 Ontario Ltd.		493.91	493.91
	E1/4 L11	20.24	20-120	G. McGugan		246.96	246.96
	NW1/4 L12	20.24	20-121	D. MacKellar		246.96	246.96
	NE1/4 L12	20.24(2.42)	20-122	1152513 Ontario Ltd.		232.19	232.19

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner	Benefit	Outlet	Total
Agricultural Land (cont'd)							
8	S1/2 L12	39.68	20-123	Bob & Laura Van Damme Farms		484.15	484.15
				Total Benefit	5,565.00	25,469.01	31,034.01
				Total Outlet	<u>25,469.01</u>		
				Total - Agricultural	31,034.01		
Non Agricultural Land							
2	pt.NE1/4 L7	0.40	10-07505	L. Smith		9.76	9.76
4	pt.N1/2 L10	0.80	10-18602	R. Gordon		14.64	14.64
	pt.N1/2 L10	0.98	10-18604	J. Lucan		77.33	77.33
5	Npt.W1/2 L10	2.25	20-032	J. McKerlie		32.33	32.33
6	pt.S1/2 L10	0.80	20-06405	G. Edwards		14.64	14.64
				Total Benefit	0.00	148.71	148.71
				Total Outlet	<u>148.71</u>		
				Total - Non Agricultural	148.71		
Public Lands: Roads							
	Courtright Line	4.92		County of Lambton		240.12	240.12
	Campbell Line	0.29		Municipality of Brooke Alvinston		0.68	0.68
	Aberfeldy Line (1/2)	1.77		Municipality of Brooke Alvinston	57.00	64.79	121.79
	Oil Springs Line	4.57		Municipality of Brooke Alvinston		167.28	167.28
	Bush Line	3.64		Municipality of Brooke Alvinston		133.24	133.24
	Shiloh Line	4.11		Municipality of Brooke Alvinston		200.59	200.59
	Little Ireland Road	21.58		Municipality of Brooke Alvinston		789.92	789.92

Conc.	Lot or Part	Affected Hect.	Roll No.	Owner	Benefit	Outlet	Total
Public Lands: Roads (cont'd)							
Ebenezer Road		0.49		Municipality of Brooke Alvinston		11.71	11.71
				Total Benefit	57.00		1,665.34
				Total Outlet	<u>1,608.34</u>		
				Total - Public Lands: Roads	1,665.34		
				Total - Non Agricultural	148.71		
				Total - Agricultural	<u>31,034.01</u>		
				Total Assessment Brooke Alvinston	\$32,848.05		
				Total Assessment Dawn Euphemia	<u>\$1,127.53</u>		
				Total Assessment	\$33,975.58		

Cherry Creek Drain and Cherry Creek Drain Branch
Municipality of Brooke-Alvinston
March 19, 2026

SPECIFICATION OF WORK

1. Scope of Work

The work to be included in this specification includes the extension of the Cherry Creek Drain from the existing Chery Creek Drain upstream to the outlet of the proposed Cherry Creek Drain Branch and the extension of the Cherry Creek Branch Drain from the Cherry Creek Drain upstream to the north limit of the centre part of the south half of Lot 11, Concession 2 (roll no. 10-085). Minor improvements are to be made to the Cherry Creek Drain and the Cherry Creek Drain Branch from its outlet to the Sydenham River upstream to the lot line between the centre part of the S1/2 Lot 11, Concession 2 (roll no. 10-085) and the north part of the S1/2 Lot 11, Concession 2 (roll no. 10-084). The work also includes the replacement of one low level crossing with an access culvert, construction of two access culverts, removal of one low level crossing, replacement of two low level crossing, the replacement of one access culvert and related work.

2. General

Each tenderer must inspect the site prior to submitting their tender and satisfy themselves by personal examination as to the local conditions that may be encountered during this project. They shall make allowance in their tender for any difficulties that he may encounter. Quantities or any information supplied by the Engineer is not guaranteed and is for reference only.

All work and materials shall be to the satisfaction of the Drainage Superintendent who may vary these specifications as to minor details but in no way decrease the proposed capacity of the drain.

The Contractor shall be responsible for the notification of all utilities prior to the start of construction.

3. Plans and Specifications

These specifications shall apply and be part of the contract. This specification of work shall take precedence over all plans and general conditions pertaining to the contract. The Contractor shall provide all labour, equipment, and supervision necessary to complete the

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work as shown in the plans and described in these specifications. Any work not described in these specifications shall be completed according to the Ontario Provincial Standard Specifications and Standard Drawings.

Any reference to the owner contained in these contract documents shall refer to the Township of Brooke-Alvinston or the engineer authorized by the Municipality to act on its behalf.

4. Health and Safety

The Contractor at all times shall be responsible for health and safety on the worksite including ensuring that all employees wear suitable personal protective equipment including safety boots and hard hats.

The Contractor shall be responsible to ensure that all procedures are followed under the Occupational Health and Safety Act to ensure that work sites are safe and that accidents are prevented. In the event of a serious or recurring problem, a notice of non compliance will be issued. The Contractor will be responsible for reacting immediately to any deficiency and correcting any potential health and safety risk. Continuous disregard for any requirement of the Occupancy Health and Safety Act could be cause for the issuance of a stop work order or even termination of the contract.

The Contractor shall also ensure that only competent workmen are employed onsite and that appropriate training and certification is supplied to all employees.

5. Workplace Safety and Insurance Board

The Contractor hereby certifies that all employees and officers working on the project are covered by benefits provided by the Contractor. The WSIB clearance certificate must be furnished prior to the execution of the Contract and updated every 60 days.

6. Utilities

The Contractor is responsible for organizing locates and exposing all the utilities along the length of the drainage works. If any utilities interfere with the proposed drainage works in a manner not shown on the accompanying Estimate of Cost or profile the Contractor shall notify the Drainage Superintendent and Engineer.

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The Contractor is responsible for coordinating the replacement of additional utilities with the utility company if they interfere with the proposed drain. All costs for the utility to replace their services will be outside of this report and shall be borne by the utility as per Section 26 of the Drainage Act.

All additional costs to work around and organize replacement of the utilities not included in the estimate shall be tracked separately and the cost plus a portion of the engineering (20% of the cost) shall be borne by that utility.

7. Weather Conditions

Work shall be carried out under this Report and completed within the agreed upon Schedule as permitted by weather. The Engineer or the Drainage Superintendent reserves the right to restrict construction and access to the site based on the weather and ground conditions.

8. Pre-Construction Meeting

There is a requirement for a pre construction meeting to be held prior to any construction taking place. The meeting will be scheduled by the Contractor. Contact information will be provided to the Contractor by the Engineer. The affected Landowners, Drainage Superintendent and Engineer shall be invited. The Contractor shall notify all parties at least one week prior to the scheduled date of the pre construction meeting.

9. Traffic Control

Access and driveways to private properties shall not be obstructed longer than the minimum time necessary for the work and shall be reinstated as soon as possible all to the satisfaction of the Engineer. The Contractor shall schedule any obstruction of existing driveways and accesses with the owners at least two full working days in advance. The Traffic Plan must be approved by the Municipality prior to the commencement of any road closures.

- a) The Contractor shall supply, erect and maintain all detour signs and special signs necessary for detours to divert traffic from the area under construction as directed by the Drainage Superintendent or Engineer. All this work shall be at the Contractor's expense.

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- b) The Contractor shall be responsible for supplying, erecting and maintaining all signs, supports, barricades, flashers, cones, etc. in the construction area and at the boundaries of the work as part of the above detours, all to the satisfaction of the Engineer or Drainage Superintendent. All this work shall be done by the Contractor at their own expense.
- c) The Contractor shall not be allowed to proceed with construction activities unless proper signage and flagmen are present. Flagging procedures, signage and detours shall conform to the recommendations of Book 7, Temporary Conditions, Ontario Traffic Manual, issued by the Ministry of Transportation. Conformance shall be enforced by the Ministry of Labour Inspector.

10. Mitigation Measures

The Cherry Creek Drain (existing municipal drainage works) currently extends from an outlet to the Sydenham River upstream to approx. sta. 0+700. The following mitigation measures are recommended for this project.

Erosion and Sediment Control

- Silt fence as per OPSD 219.110 to be installed at the outlet of the proposed channel to the Sydenham River and at 500 metre intervals along the length of the channel
- Sediment traps/refuge pools are to be excavated at minimum 500 metre intervals (9 locations)
- If pumping is required, the water is to be diverted to a vegetated area, settling basin or other filtration system located prior to water entering a water body – no pumping is expected
- Excavated material and stripped topsoil to be placed well away from the top of channel banks (min. 2 metres)
- No excavated material shall be placed in low runs so the material cannot wash back into the channel
- Erosion protection to be placed to stabilize the sideslopes where necessary
- Low runs entering the channel shall be lined with erosion protection (150 mm x 300 mm quarry stone over filter fabric)
- Silt fences, spoil piles and low runs are to be inspected on a regular basis and after rainfall events with any required repairs carried out immediately – the Contractor is to maintain a log

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- Buffer strips with a minimum width of 4.5 metres shall be established on both banks along entire length of channel

Bank Vegetation and Stabilization

- Only trees and brush shall be cut along the length of the channel that is necessary to excavate and to operate machinery
- Channel sideslopes, where disturbed, are to be seeded on a daily basis
- Sideslopes to be excavated to a maximum slope of 2:1 in areas of excavation and in areas of required bank stabilization
- Soils in area consist of Huron clay and Brookston clay resulting in imperfect and poor drainage characteristics
- Upon completion, the sideslopes, where disturbed and a 4.5-metre-wide buffer along both sides of the channel, through cultivated areas, shall be seeded
- All construction materials shall be removed from the site upon completion

Fish Protection

- The existing Cherry Creek Drain is unclassified throughout the length under study according to the OMAFRA website
- The Cherry Creek Drain Branch is classified as a class “E” throughout the length of the study area
- The Cherry Creek Drain outlets to the Sydenham River
- There are no DFO aquatic species at risk in the Cherry Creek Drain or the Cherry Creek Drain Branch
- There are no DFO species at risk critical habitat in the Cherry Creek Drain or Cherry Creek Drain Branch
- No structures that will restrict the passage of fish will be installed along the length of the channel
- Flows in the channel will not be reduced
- Existing bottom width of the existing channel shall be maintained
- Where channel bottom width exceeds 3 metres
- no work to be completed between March 15 to July 15 unless there is no water flow in the channel

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Operation of Machinery

- Machinery that arrives onsite shall be in a clean condition and is to be maintained free of fluid leaks, invasive species and noxious weeds
- Machinery is to be operated on the top of bank
- Machinery not to cross through the excavated channel
- Machinery to be refueled and serviced away from the channel to prevent deleterious material from entering the water

The current drain bottom is clay and it shall be maintained as a clay bottom. The Contractor shall keep a log documenting the inspections of the silt fence, spoil piles, low runs and after rainfall events and submit to the engineer along with any required repairs, upon completion of the work.

11. Brushing

Brush and trees shall only be removed from the top of the bank as required to allow access for excavating equipment. For construction under this report all brush, trees, woody vegetation, etc. along the sideslope of the channel on the side that the equipment is working from, in areas where erosion control work is to be carried out, along the drain bottom, the side opposite as directed by the Drainage Superintendent, as necessary to allow construction to be completed, access for the equipment and levelling of excavated material and as determined by the Drainage Superintendent or Engineer shall be removed. All stumps shall be removed from the bottom of the channel and they shall be removed from the sideslopes if they interfere with excavation.

For future maintenance and repair all brush, trees, woody vegetation, etc. within the working area to allow access to the channel, the drain bottom, along the side slope of where the work is taking place and as determined by the Drainage Superintendent shall be removed. For maintenance, the stumps shall generally be left in place except in the bottom of the channel.

It is recommended that a mechanical grinder attached to an excavator be used for the removal of brush and trees. Any brush and trees too large to grind shall be close cut. The Contractor shall stockpile the trees and brush in piles on each property in which they were removed (minimum 150 metres apart) or dispose of the trees and brush offsite.

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The Contractor is responsible for the burning of the trees and brush. It is recommended that the burning of trees and brush be completed at the time of construction while suitable equipment is on site. The Contractor is responsible for obtaining all necessary permits for any disposal sites. Burning of the trees and brush is subject to local bylaws and guidelines of the Ministry of the Environment Conservation and Parks.

Certain trees may be left in place at the direction of the Drainage Superintendent or Engineer. Any trees to be salvaged by the Owner shall be marked prior to construction. Any trees set aside for the Owner shall be cleaned up by the Owner.

12. Excavation of Channel/Reslope Banks

The open channel shall be excavated and maintained to the depths and grades in the areas shown on the Profile and Drawings as contained in this Engineers Report. The high spots and obstructions shall be removed using a laser or similar approved device with a labourer onsite to ensure correctness of grade and to confirm location of tile ends.

Generally, the excavation shall be carried out from the cultivated field side opposite bush/tree areas and the excavated material shall generally be cast on the same side. It shall be placed on the east side of the channel in Lot 33, Lot 34, and Lot 35 in the Township of Dawn-Euphemia. The excavated material shall generally be cast on the west and north side in the W1/2 Lot 10, opposite the treed area in the SE1/4 Lot 10 and upstream in the Municipality of Brooke-Alvinston. Generally, the excavation shall be carried out from the side opposite wooded areas. Where both sides of the channel are treed, excavation can be carried out on the side shown on the detailed drawings.

It is intended that a minimum bottom width of 3 metres be maintained along the length of the drainage works. Excavated material shall be cast at least 2 metres clear of the bank and levelled a minimum of 1.5 metres from the top of the bank. Excavated material shall not be placed in low runs or swales outletting surface water to the channel. The excavated material shall be levelled to a maximum depth of 150 mm along cultivated fields and to a maximum depth of 300 mm through wooded areas. All high spots above grade shall be removed. The sediment shall be removed with the intent not to undercut the existing side slopes but to maintain a 3 metre bottom width along the length. Otherwise, the sideslopes are to be left undisturbed except where resloping is required.

Where sideslopes are to be resloped, the sideslopes shall be resloped from the bottom of the existing channel to the top at a minimum 2:1 slope. Where, as determined by the

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Drainage Superintendent or Engineer, the banks are unstable due to the removal of the trees and brush, the banks shall be re-sloped flatter.

13. Culvert Crossings

There is one crossings on the Cherry Creek Drain and one crossing on the Cherry Creek Drain Branch to be reconstructed and two new crossings to be constructed as follows:

Crossing No. 1 (sta. 0+661) consists of a low level crossing with one 650 mm dia. pipe x 16 feet long with rip rap and field stone endwalls and topping sloped to permit overflow during periods of high water. The bank walls were sloped back not less than 4 horizontal to 1 vertical at the approaches for a width of not less that 32 feet (9.75 feet). This low level crossing shall be replaced with one 3650 mm x 2280 corrugated steel pipe arch x 10 metres long with concrete block endwalls.

Crossing No. 2 (sta. 0+814) is a new crossing. It will consist of one 3650 mm x 2280 mm corrugated steel pipe arch x 10 metres long with concrete block endwalls.

Crossing No. 3 (sta. 1+033) is a new crossing. It will consist of one 2800 mm x 1950 mm corrugated steel pipe arch x 10 metres long with concrete block endwalls.

Crossing No. 7 (sta. 3+912) consists of approx. 9 metres of 1400 mm dia. corrugated steel pipe with rubble ends that is in good condition. It shall be replaced with 10 metres of 3300 mm x 2080 mm corrugated steel pipe arch with concrete block walls.

Corrugated steel pipe arches shall be aluminized with a minimum wall thickness of 3.5 mm.

The existing low level crossing located at sta. 0+661 shall be removed from the channel. The material shall be removed to the bottom elevation of the proposed channel. Any stone is to be removed separately and stockpiled on the adjacent bank or reused as erosion protection in the vicinity.

The existing access culvert located at sta. 3+912 shall be removed from the channel in its entirety. The steel culvert shall be disposed offsite by the Contractor. The backfill material shall be reused for the proposed culvert or disposed in the vicinity.

The bottom of the excavation shall be excavated to the required depth with any over excavation backfilled with granular material or drainage stone. When the pipe has been

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installed to the proper grade and depth, the excavation shall be backfilled with drainage stone from the bottom of the excavation to the springline of the pipe arches. Care shall be taken to ensure that the backfill on either side of the culvert does not differ by more than 300 mm so that the pipe is not displaced.

The pipes shall be backfilled with granular material or approved excavated material from the top of the bedding to within 150 mm of finished grade. A minimum depth of cover over the pipes shall be 600 mm. All backfill shall be free from deleterious material. All granular material shall be mechanically compacted to 95% modified standard proctor density. All backfill material above the springline shall be compacted using the tracks and bucket of the equipment carrying out the backfill operation. The Drainage Superintendent shall supply any extra backfill material required above the springline.

For Culvert No. 1, the existing ramps on either side of the channel shall be backfilled with clean clay material free of organic material and compacted to the satisfaction of the Drainage Superintendent. Granular material is to be used in the vicinity of the pipe arch.

End protection shall consist of concrete blocks with dimensions of approx. 600 mm x 600 mm x 1200 mm, 600 mm x 600 mm x 2400 mm or 300 mm x 600 mm x 1200mm as required. The top of the rows shall be set with the top of the row equal to the top of the culvert. The blocks shall be set at each end of the culvert so that each row of blocks will be offset a minimum of 100 mm from the row below. The blocks shall be placed over a layer of filter fabric (Terrafix 250R or approved equal). The culvert shall be backfilled in conjunction with the placement of the blocks. The gap between the culvert and concrete blocks shall be filled with concrete cinder blocks and mortar to the satisfaction of the Drainage Superintendent (this shall be completed as each culvert installation is completed).

Erosion protection consisting of the broken concrete and filter fabric shall be placed at each end of the culvert or above the concrete blocks as required. Filter fabric (Terrafix 270R or approved equal) shall be placed over the area to receive rip rap with any joints overlapped a minimum of 600 mm. Rip rap consisting of 150 mm x 300 mm gabion stone or broken concrete (approved by the Drainage Superintendent) shall then be placed from the bottom of the channel to a minimum height of 300 mm above the top of the culvert. Smaller pieces shall be placed in the gaps and joints to give it a uniform appearance.

If an Owner requests a longer culvert than that specified above, the extra cost shall be assessed to the Owner as a special benefit assessment. If tile outlets cannot be avoided, the tile outlet shall be extended upstream or downstream to an outlet. Any tile outlets

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extended as a result of extra length requested by an Owner shall be extended at the Owner's expense.

The Contractor shall maintain a dry working area during construction. The Contractor shall install a silt fence downstream of the work area. The silt fence shall consist of filter fabric or manufactured silt fence supported with posts (OPSS 805 and OPSD 219.110).

After completion of the construction, the temporary dams and any collected sediment shall be removed. The final removal shall be the silt fence.

14. Low Level Crossings

There are 3 low level crossings to be removed of which 2 are being replaced. The low level crossing at sta. 1+963 is not being replaced. The existing material shall be removed to the bottom elevation of the proposed channel. Any stone is to be removed separately and stockpiled on the adjacent bank or reused as erosion protection in the vicinity.

The low level crossings shall be replaced as follows:

Crossing No. 5 (sta. 2+262) consists of a crossing on the bottom of the channel consisting of field stone with sloped banks to accommodate farm equipment. It is to be replaced with a crossing on the bottom of the channel with Cable Concrete.

Crossing No. 6 (sta. 3+074) consists of a crossing on the bottom of the channel consisting of field stone with sloped banks to accommodate farm equipment. It is to be replaced with a crossing on the bottom of the channel with Cable Concrete.

Cable Concrete shall be CC35 as manufactured by International Erosion Control Systems. It is available in 2.44 metre x 4.88 metre mats.

These specifications may be varied to the satisfaction of the Drainage Superintendent at the time of future crossing replacement to match the site/field conditions that may exist at that time.

The exact location of the proposed new crossing shall be confirmed at the time of construction by the Drainage Superintendent but shall generally be located in the same location as the existing crossing.

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The existing stone/concrete rubble shall be removed from the existing low-level crossings and stockpiled adjacent to the site. The area shall then be excavated to solid material for the width of the crossing to the satisfaction of the Drainage Superintendent. This would be a minimum of 125 mm below the proposed grade to accommodate the Cable Concrete. Any over excavation shall be covered with filter fabric (Terrafix 270R or approved equal) and backfilled with 20 mm dia. clear stone or drainage stone to the bottom of the proposed Cable Concrete. The Cable Concrete shall be placed to a width of 9.76 metres, across the bottom of the channel and up the ramps to the top of the existing bank as directed by the Drainage superintendent. The Cable Concrete shall be installed as per the Manufacturers recommendations including keying in at the top. The individual mats shall be connected using stainless steel clamps as supplied by the Manufacturer. Equipment to place the mats shall be rented from the Manufacturer.

Ramps shall be excavated on both sides of the crossing with a slope of 4:1 or flatter to allow farm equipment to cross.

Stone/concrete rubble may be reused as erosion protection along the sideslopes of the channel in the vicinity of the crossing at the direction of the Drainage Superintendent. Any placement of erosion protection material shall be place over filter fabric (Terrafix 270R or approved equal). All filter fabric shall be overlapped a minimum of 600 mm.

15. Road Culvert

There is one road culvert located under Aberfeldy Line (Culvert No. 4, sta. 1+428). It consists of two corrugated steel pipes, each with an approx. length of 19 metres and a diameter of 3400 mm. Existing end protection consists of a sheet pile wall between the pipes extending to the springline of the pipe. The area above the wall and on either side of the pipe are sloped to the top of the bank.

When it is to be replaced in the future, a design should be prepared by an Engineer with consideration for corrugated steel pipe arch or precast concrete box culvert with discussion of endwall material.

The bottom of the excavation shall be excavated to the required depth with any over excavation backfilled with granular material or drainage stone. When the pipe has been installed to the proper grade and depth, the excavation shall be backfilled with drainage stone from the bottom of the excavation to the top of the pipe. Care shall be taken to

-SP12-

ensure that the backfill on either side of the culvert does not differ by more than 300 mm so that the pipe is not displaced.

The pipes shall be backfilled with granular "A" or granular "B" from the top of the bedding to approx. 300 mm below finished grade. The top 300 mm shall consist of granular "A". All granular shall be compacted to 98% modified proctor density.

End protection shall be designated at the time of final design of the culvert. It may consist of concrete blocks designed for the purpose to the top of the springline or top of concrete box with rip rap with filter fabric to the top of bank. An alternative would be sheet pile wall as per the existing structure. The stone shall extend from the top of the concrete blocks or sheet pile to a point 1 metre above the top of the pipes on both the upstream and downstream sides of the crossing. Filter fabric (Terrafix 250R or approved equal) shall be placed under all areas to receive quarry stone with any joints overlapped a minimum 600 mm. The quarry stone shall then be placed.

The Contractor shall maintain a dry working area during construction. The Contractor shall install a silt fence downstream of the work area. The silt fence shall consist of filter fabric or manufactured silt fence supported with posts (OPSS 805 and OPSD 219.110).

After completion of the construction, the temporary dams and any collected sediment shall be removed. The final removal shall be the silt fence.

16. Maintenance

The Contractor shall be responsible for maintenance of the drain, including access culverts for a period of one year after their installation. This will include repairing any settlement areas on the travel surface with Granular "A" and/or topsoil and seed.

17. Tile Outlets

Tile outlets in the area of the extended crossings shall be extended with equivalent sized PE solid tubing and rodent grate. Tile that are in eroded banks will need to be repaired with proper tile ends. In the case of concrete or clay tile, the tile end shall be excavated into the bank a minimum of 3 metres to provide for 3 metres of 100 or 150 mm dia. HDPE smooth wall pipe with rodent grate. Connections to the existing tile shall be made with a manufactured coupler. The tile ends and any washouts from surface water or at tile ends shall be repaired with rip rap (150 mm x 300 mm quarry stone or gabion stone) and filter fabric (Terrafix 270R or approved equal).

-SP13-

Note that the Owner is responsible to properly mark all subsurface drains prior to the commencement of the work.

18. Seeding

The sideslopes of the channel (from toe to top of bank on both sides) where disturbed, shall be hand seeded. This shall be completed on a daily basis.

If the seed has not germinated, at the discretion of the Engineer or Drainage Superintendent, prior to the one-year maintenance period, 100mm of topsoil shall be

placed on the disturbed areas and hydroseeded in accordance with the seed mixture, fertilizer and application rate as shown below.

Seed mixture, fertilizer and application rates are as follows:

- Primary seed (85 kg/ha.) consisting of 50% red fescue, 40% perennial rye-grass and 5% white clover.
- Nurse crop consisting of Italian (annual) rye-grass at 25% of total weight.
- Fertilizer (300 kg/ha.) consisting of 8-32-16.
- Hydraulic mulch (2,999 kg/ha.) type “B” and water (52,700 litres/ha.) in accordance with OPSS 572 (hydroseed).

The above seed mixture shall apply unless otherwise approved by the Drainage Superintendent or Engineer.

The sideslopes of the channel (from toe to top of bank on both sides) where disturbed, shall be hand seeded. This shall be completed on a daily basis.

If the seed has not germinated, at the discretion of the Engineer or Drainage Superintendent, prior to the one-year maintenance period, 100mm of topsoil shall be placed on the disturbed areas and hydroseeded in accordance with the seed mixture, fertilizer and application rate as shown below.

Seed mixture, fertilizer and application rates are as follows:

- Primary seed (85 kg/ha.) consisting of 50% red fescue, 40% perennial rye-grass and 5% white clover.

-SP14-

- Nurse crop consisting of Italian (annual) rye-grass at 25% of total weight.
- Fertilizer (300 kg/ha.) consisting of 8-32-16.
- Hydraulic mulch (2,999 kg/ha.) type “B” and water (52,700 litres/ha.) in accordance with OPSS 572 (hydroseed).

The above seed mixture shall apply unless otherwise approved by the Drainage Superintendent or Engineer.

19. Double Straw Matting

The location of the placement of straw matting shall be determined by the Drainage Superintendent at the time of construction.

The double straw matting shall be Terrafix 100% Straw Fibre – Double Net S200 with biodegradable netting or approved equal and shall be installed as per manufacturers specifications.

The side slopes of the channel (from toe to top of bank), after seeding has been completed, shall be restored with double straw matting. The double straw matting shall be installed according to the manufacturer’s specifications.

The quantity in the Estimate of Cost is based on area of straw matting required. The actual area of straw matting placed shall be paid.

20. Erosion Protection

Erosion protection made up of rip rap and filter fabric shall be installed on the channel sideslope in areas as directed by the Drainage Superintendent. Erosion protection made up of rip rap and filter fabric shall be installed in areas of severe erosion as directed by the Drainage Superintendent and Engineer. The rip rap shall extend from the bottom of the channel to the top of bank and as instructed by the Engineer or Drainage Superintendent.

Rip rap shall be made up of 150mm to 300mm quarry stone or approved equal. The area to receive the rip rap shall first be graded to allow the placement of the rip rap to a depth of 400mm below finished grade. After grading, a layer of filter fabric (Terrafix 270R or approved equal) is to be placed with any joints overlapped a minimum of 600mm. Rip rap shall then be placed with the smaller pieces placed in the gaps and voids to give it a uniform appearance.

-SP15-

21. Buffer Strips

Buffer strips with a minimum width of 4.5 metres shall be established at the top of the bank along all cultivated fields. Seeding material may include hay mixtures, pasture mixtures, Ontario native tall grass prairie seed mix or other as approved by the Drainage Superintendent and Owner.

The area of the proposed buffer strips shall be prepared by cultivation or disking and leveled prior to planting any seed. Seed shall be planted with a seed drill suitable for the purpose.

This portion of the work may be completed by an Agency such as Ontario Nativescape as part of a Provincial Program. If this is to be considered, it can be coordinated by the Drainage Superintendent.

22. Silt Fence

Light duty silt fencing shall be installed upstream of the outlet to the Sydenham River and downstream of each of the proposed low-level crossings.

The light duty silt fencing shall be supplied and installed in accordance with OPSS 805 and OPSD 219.110. The light duty silt fencing shall be removed once the disturbed area has been re-vegetated.

23. Construct Sediment Traps/Refuge Pool

A sediment trap/refuge pool is to be constructed in the Cherry Creek Drain and the Cherry Creek Drain Branch at approx. 500 metre intervals in locations approved by the Drainage Superintendent. They shall match the width of the existing channel, have a depth of 300 mm and have a length of 6 metres with 2:1 sideslopes.

24. Bank Repair

For damages on the sideslope of the channel either by overspraying, cultivation practices, planting practices, or by the entry of private surface or subsurface drains, the sideslope and/or channel bottom shall be repaired as follows:

-SP16-

The double straw matting shall be Terrafix 100% Straw Fibre – Double Net S200 with biodegradable netting or approved equal and shall be installed as per manufacturers specifications.

Hydraulic seed and mulch in accordance with OPSS 572 or seeding by use of a mechanical spreader. The seed mixture, fertilizer and application rate as follows:

- Primary seed (85 kg/ha.) consisting of 50% red fescue, 40% perennial rye-grass and 5% white clover.
- Nurse crop consisting of Italian (annual) rye-grass at 25% of total weight.
- Fertilizer (300 kg/ha.) consisting of 8-32-16.
- Hydraulic mulch (2,999 kg/ha.) type “B” and water (52,700 litres/ha.).

The above seed mixture shall apply unless otherwise approved by the Drainage Superintendent.

Erosion protection shall include rip rap and filter fabric. The rip rap shall consist of 150 mm x 300 mm quarry stone or approved equal field stones are not acceptable). The area to receive the rip rap shall be graded to a depth of 400mm below finished grade. Filter fabric (Terrafix 250R or approved equal) shall then be placed with any joints overlapped a minimum 600mm. The quarry stone shall then be placed with the smaller pieces placed in the gaps and voids to give it a uniform appearance.

25. Environmental Considerations

The Contractor shall take care to adhere to the following considerations.

- Operate machinery in a manner that minimizes disturbance to the banks of the watercourse.
- Erosion and sediment control measures must be installed prior to construction to prevent sediment from entering the water body.
- Material shall not be placed in areas regulated by the Conservation Authority or Ministry of Natural Resources.
- All granular and erosion control materials shall be stockpiled a minimum of 3.0m from the top of the bank or excavation. Material shall not be placed in surface water runs or open inlets that enter the channel.

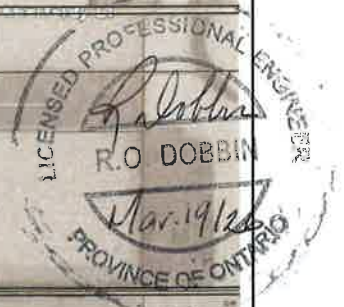
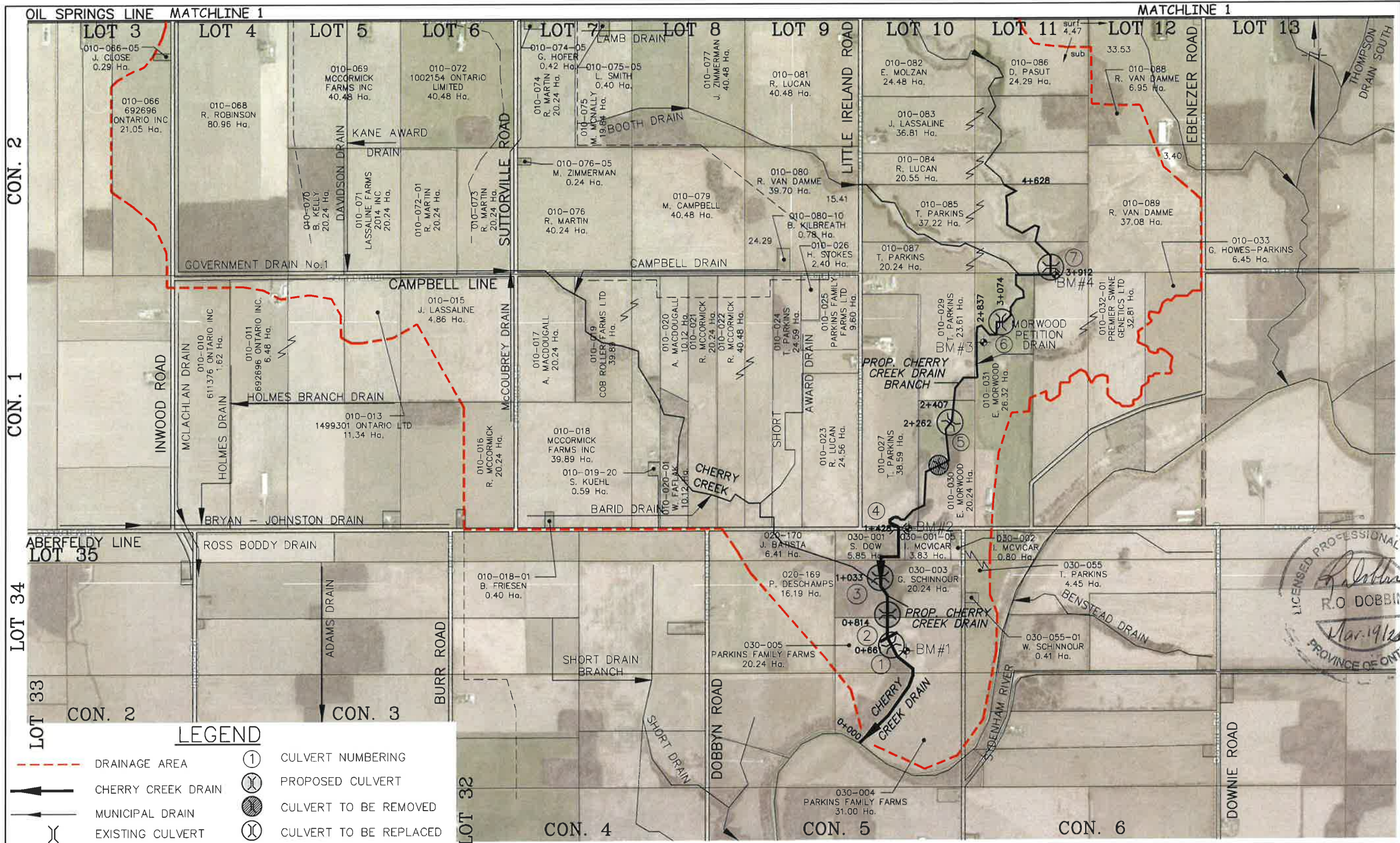
-SP17-

- All activities, including maintenance procedures, shall be controlled to prevent the entry of petroleum products, debris, rubble, concrete, or other deleterious substances into the water. Vehicle and equipment refuelling and maintenance shall be conducted away from the channel, any surface water runs, or open inlets. All waste materials shall be stockpiled well back from the top of the bank and all surface water runs and open inlets that enter the drain.
- When possible, all construction within the open channel shall be carried out during periods of low flow or in dry conditions.
- The Contractor shall conduct regular inspections and maintain erosion and sediment control measures and structures during the course of construction.
- The Contractor shall repair erosion and sediment control measures and structures if damage occurs.
- The Contractor shall remove non-biodegradable erosion and sediment control materials once site is stabilized.
- Remove all construction materials from site upon project completion.

26. Miscellaneous

Any surface water outlets encountered shall be repaired with erosion protection added to the approval of the Drainage Superintendent. This cost shall be assessed to the Owner as a special benefit assessment.

All areas disturbed by construction and not included as a buffer strip shall be left in a condition suitable for cultivation.



LEGEND

- - - DRAINAGE AREA
- CHERRY CREEK DRAIN
- MUNICIPAL DRAIN
- EXISTING CULVERT
- CULVERT NUMBERING
- PROPOSED CULVERT
- CULVERT TO BE REMOVED
- CULVERT TO BE REPLACED

R Dobbin Engineering Inc.
 4218 Oil Heritage Road
 Petrolia Ontario, N0N 1R0
 Phone: (519) 882-0032 Fax: (519) 882-2233

DRAWING NAME: Cherry Creek Drain Plan 1
 PROJECT No. 2022-1454

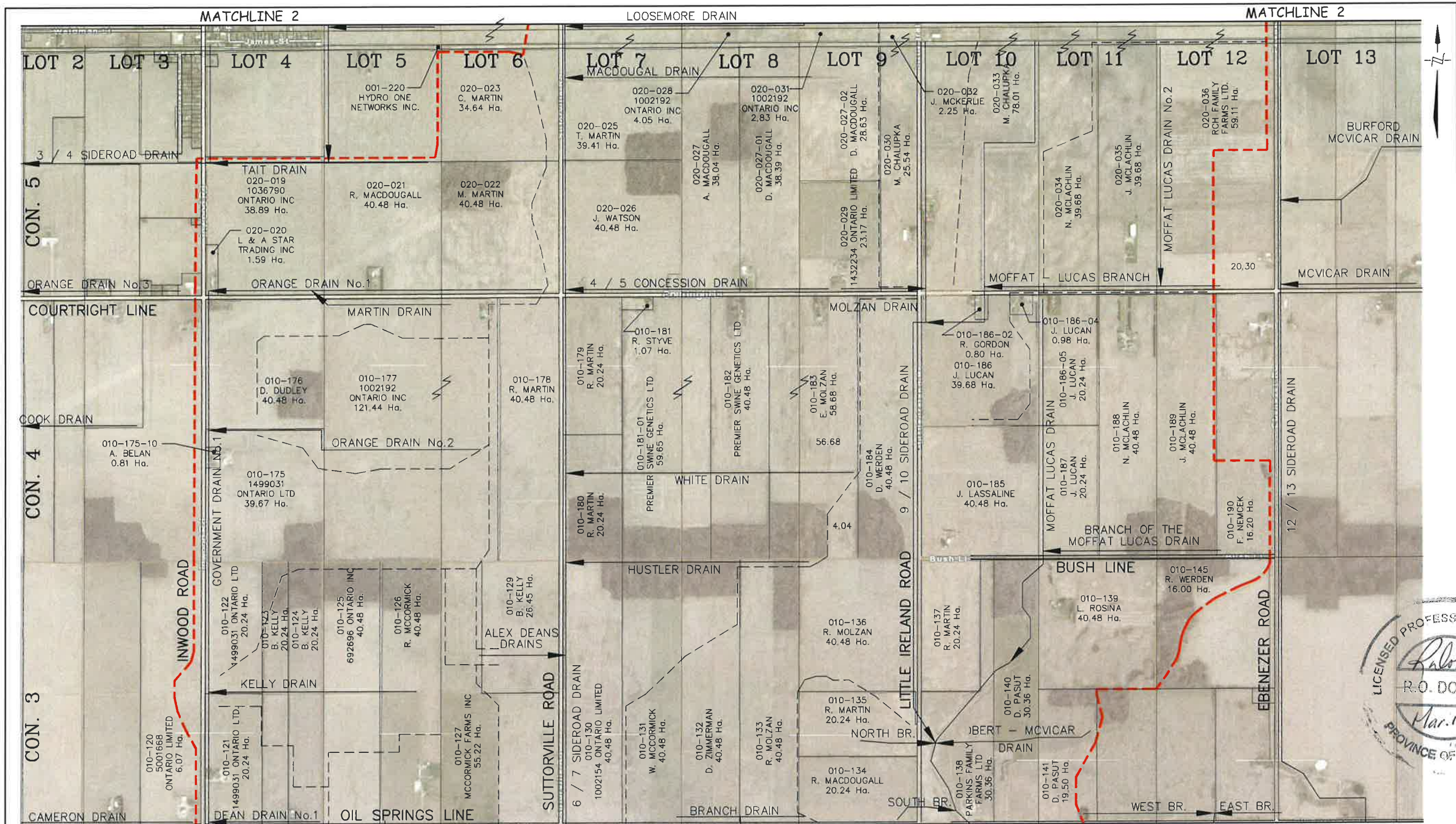
APPROVED R. DOBBIN	NO.	REVISIONS	DATE	BY
CHECKED B. VAN RUITENBURG	1	FINAL REPORT	MAR. 19, 2026	CS
DRAWN C. SAUNDERS	SCALE: 1:20,000			

MUNICIPALITY of BROOKE-ALVINSTON

CHERRY CREEK DRAIN & CHERRY CREEK DRAIN BRANCH

PLAN

1 OF 20



LEGEND MATCHLINE 1

--- DRAINAGE AREA ← MUNICIPAL DRAIN



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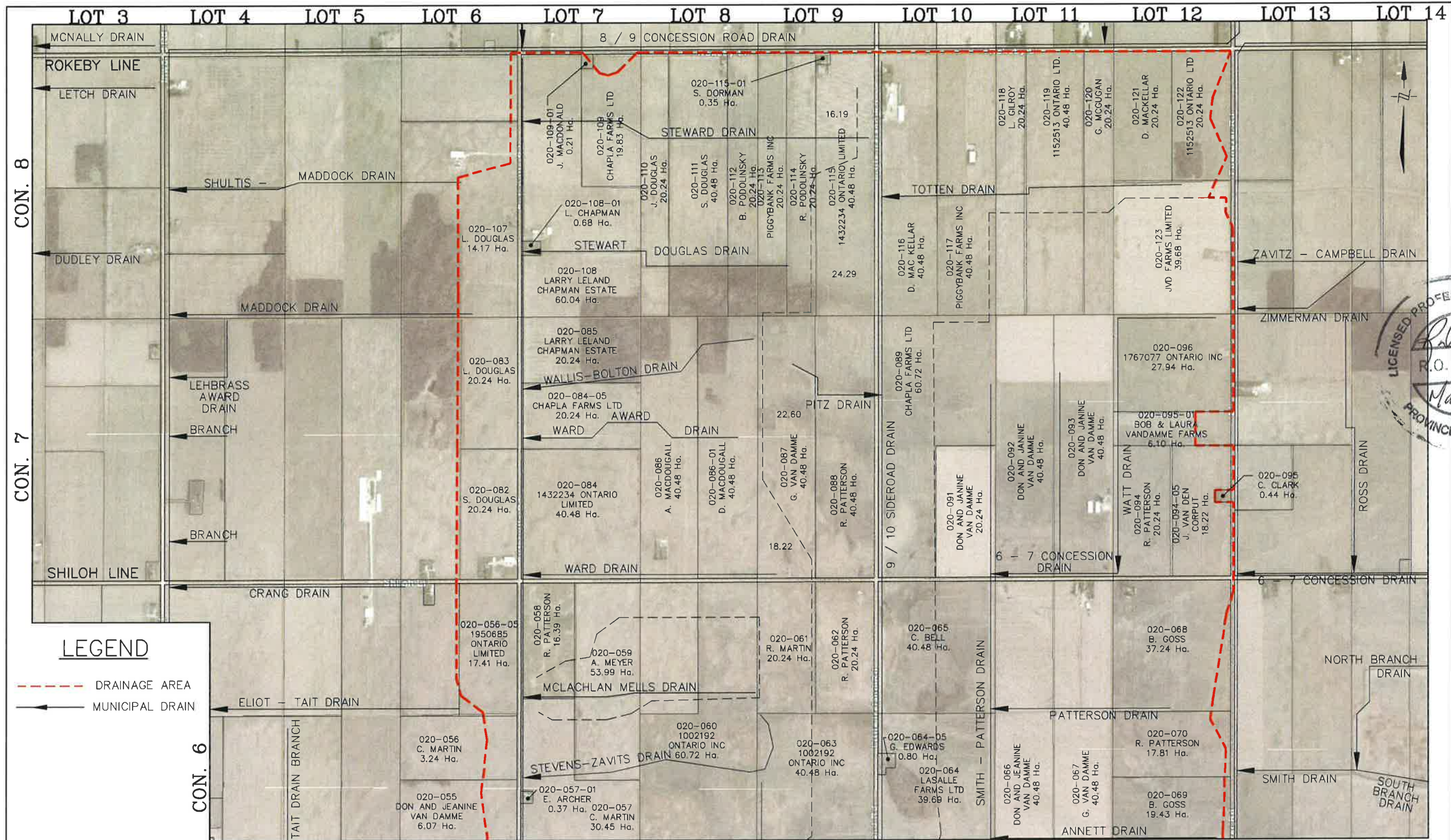
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 PROJECT No.: 2022-1454

APPROVED R. DOBBIN	NO.	REVISIONS	DATE	BY
CHECKED B. VAN RUITENBURG	1	FINAL REPORT	MAR. 19, 2026	CS
DRAWN C. SAUNDERS	SCALE: 1:20,000			

MUNICIPALITY of BROOKE-ALVINSTON
 CHERRY CREEK DRAIN
 PLAN

2
 OF 20

Last Updated: March 19, 2026



LEGEND
 - - - DRAINAGE AREA
 ——— MUNICIPAL DRAIN

CON. 6

CON. 8

CON. 7

MATCHLINE 2

MATCHLINE 2



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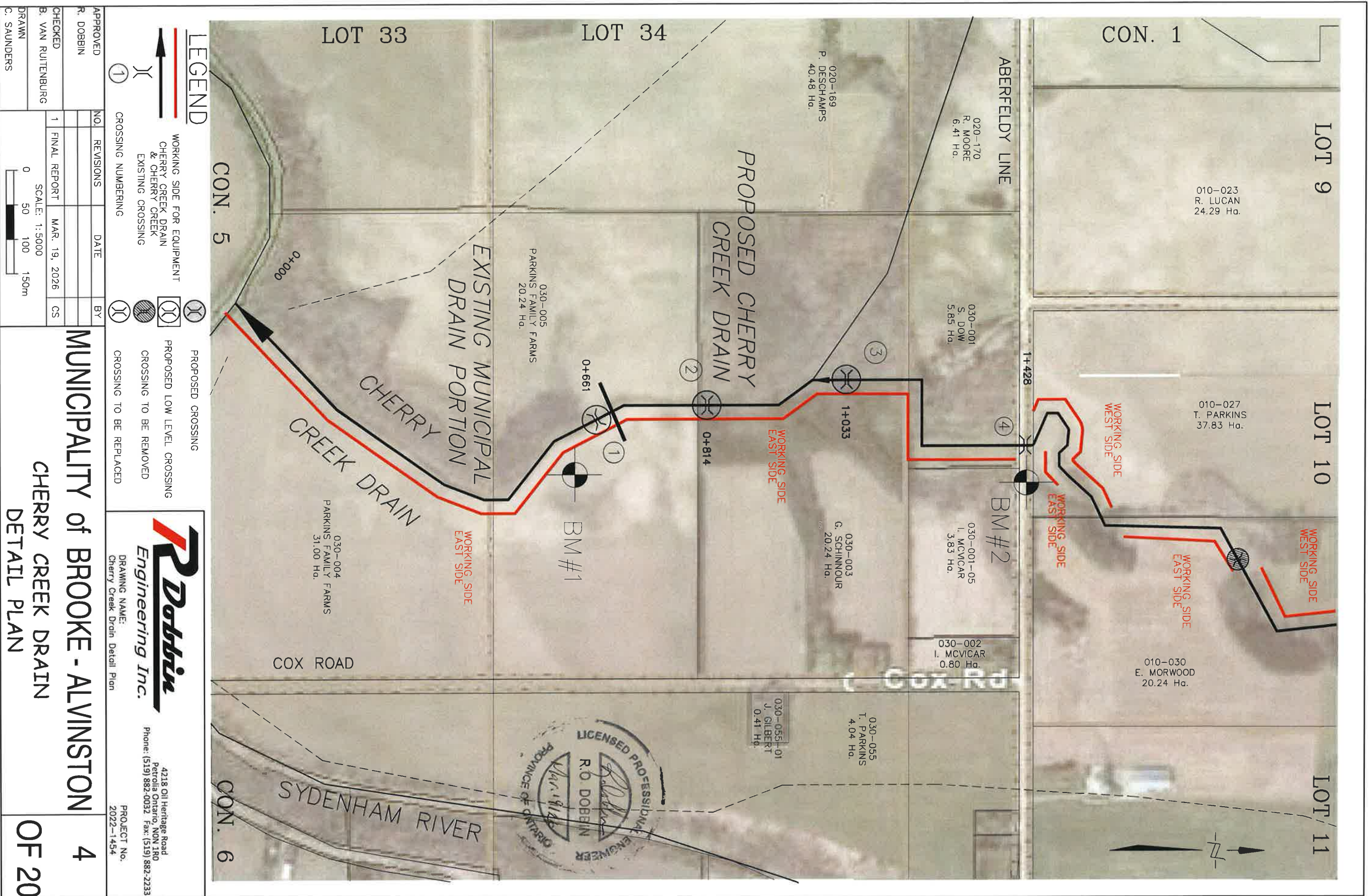
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 PROJECT No. 2022-1454

APPROVED R. DOBBIN	NO.	REVISIONS	DATE	BY
CHECKED B. VAN RUITENBURG	1	FINAL REPORT	MAR. 19, 2026	CS
DRAWN C. SAUNDERS	SCALE: 1:20,000 0 400m			

MUNICIPALITY of BROOKE-ALVINSTON
CHERRY CREEK DRAIN PLAN

3 OF 20

Last Updated: March 19, 2026



LEGEND

- WORKING SIDE FOR EQUIPMENT
- CHERRY CREEK DRAIN & CHERRY CREEK
- EXISTING CROSSING
- CROSSING NUMBERING

- PROPOSED CROSSING
- PROPOSED LOW LEVEL CROSSING
- CROSSING TO BE REMOVED
- CROSSING TO BE REPLACED

Dobbin Engineering Inc.
 Engineering Inc.
 4218 Oil Heritage Road
 Petrolia Ontario, N0N 1R0
 Phone: (519) 882-0032 Fax: (519) 882-2233

DRAWING NAME:
Cherry Creek Drain Detail Plan

PROJECT No.
2022-1454

APPROVED
R. DOBBIN

CHECKED
B. VAN RUITENBURG

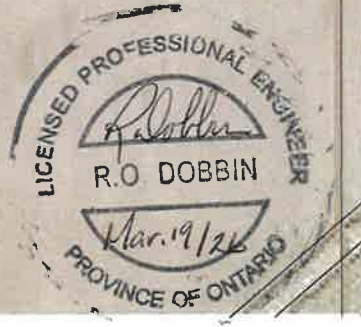
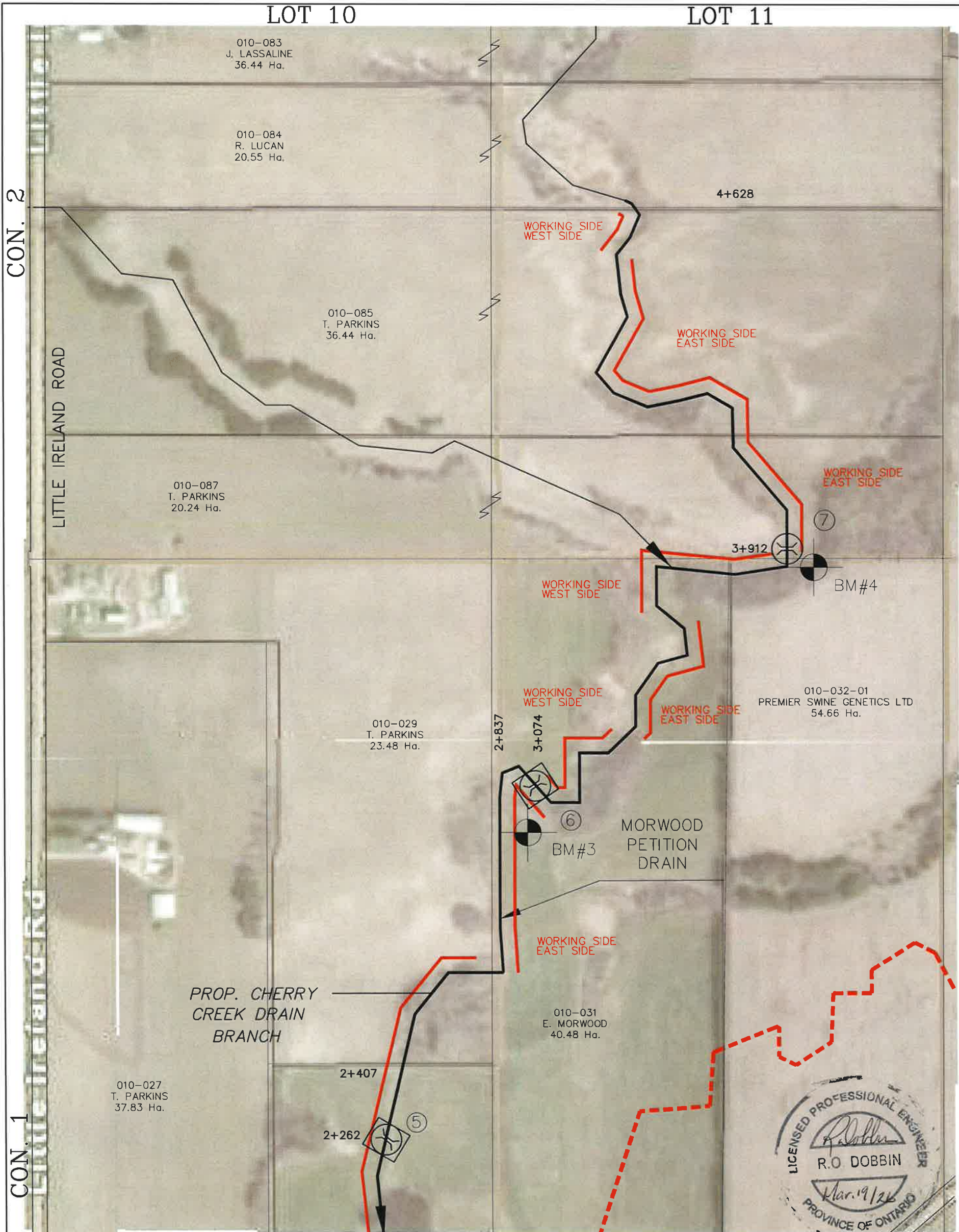
DRAWN
C. SAUNDERS

NO.	REVISIONS	DATE	BY
1	FINAL REPORT	MAR. 19, 2026	CS

SCALE: 1:5000
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MUNICIPALITY of BROOKE - ALVINSTON
 CHERRY CREEK DRAIN
 DETAIL PLAN

4 OF 20



LEGEND

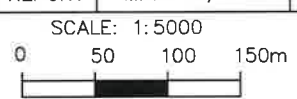
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- CHERRY CREEK DRAIN
- MUNICIPAL DRAIN
- EXISTING CROSSING
- CROSSING NUMBERING
- PROPOSED CROSSING
- PROPOSED LOW LEVEL CROSSING
- CROSSING TO BE REMOVED
- CROSSING TO BE REPLACED



4218 Oil Heritage Road
 Petrolia Ontario, NON 1R0
 Phone: (519) 882-0032 Fax: (519) 882-2233

DRAWING NAME: Cherry Creek Drain Detail Plan
 PROJECT No. 2022-1454

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R. DOBBIN				
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B. VAN RUITENBURG				
DRAWN				
C. SAUNDERS				



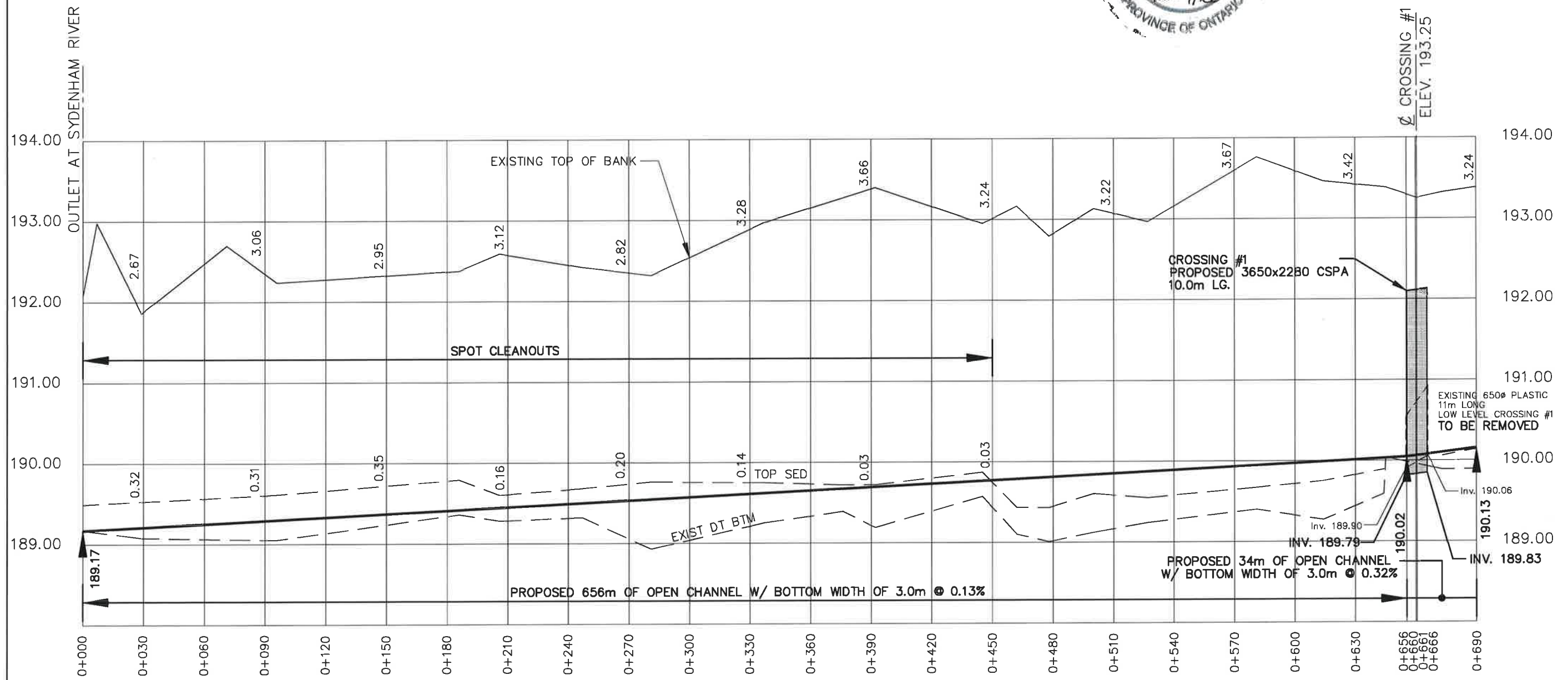
MUNICIPALITY of BROOKE - ALVINSTON
CHERRY CREEK DRAIN
DETAIL PLAN

5
OF 20

Last Updated: March 19, 2026

GENERAL NOTES

- 1. BENCHMARK No.1 ELEV. 190.54
TOP OF SOUTH END OF 650Ø PLASTIC
AT LOW LEVEL CROSSING
AT STATION 0+661
- 2. UPPER NUMBERS ARE DEPTH FROM TOP OF
BANK TO BOTTOM OF PROPOSED DRAIN
- 3. LOWER NUMBERS ARE DEPTH OF PROPOSED
CHANNEL EXCAVATION.



4218 Oil Heritage Road
Petrolia Ontario, N0N 1R0
Phone: (519) 882-0032 Fax: (519) 882-2233

DRAWING NAME:
Cherry Creek Drain Profile 1

PROJECT No.
2023-1454

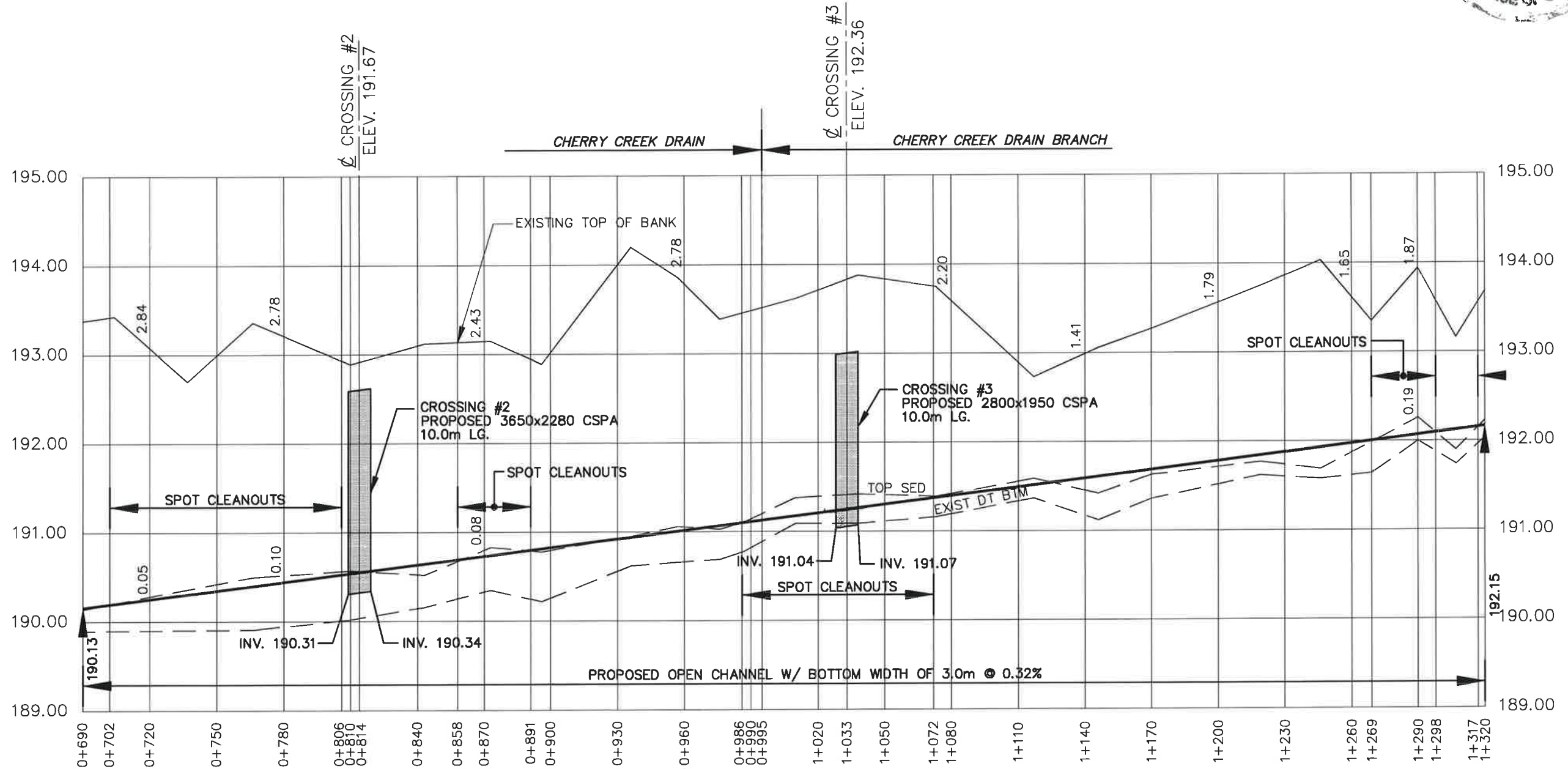
APPROVED R. DOBBIN	NO.	REVISIONS	DATE	BY
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DRAWN C. SAUNDERS	SCALE: 1:2,000			
0 20 40 60m				

MUNICIPALITY of BROOKE-ALVINSTON
CHERRY CREEK DRAIN
PROFILE

6
OF 20

GENERAL NOTES

1. BENCHMARK No.1 ELEV. 190.54
TOP OF SOUTH END OF 650Ø PLASTIC
AT LOW LEVEL CROSSING
AT STATION 0+661
2. UPPER NUMBERS ARE DEPTH FROM TOP OF
BANK TO BOTTOM OF PROPOSED DRAIN
3. LOWER NUMBERS ARE DEPTH OF PROPOSED
CHANNEL EXCAVATION.



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DRAWING NAME: Cherry Creek Drain & Cherry Creek Drain Branch Profile 2
PROJECT No. 2023-1454

NO.	REVISIONS	DATE	BY
1	FINAL REPORT	MAR. 19, 2026	CS

SCALE: 1:2,000
0 20 40 60m

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R. DOBBIN

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B. VAN RUITENBURG

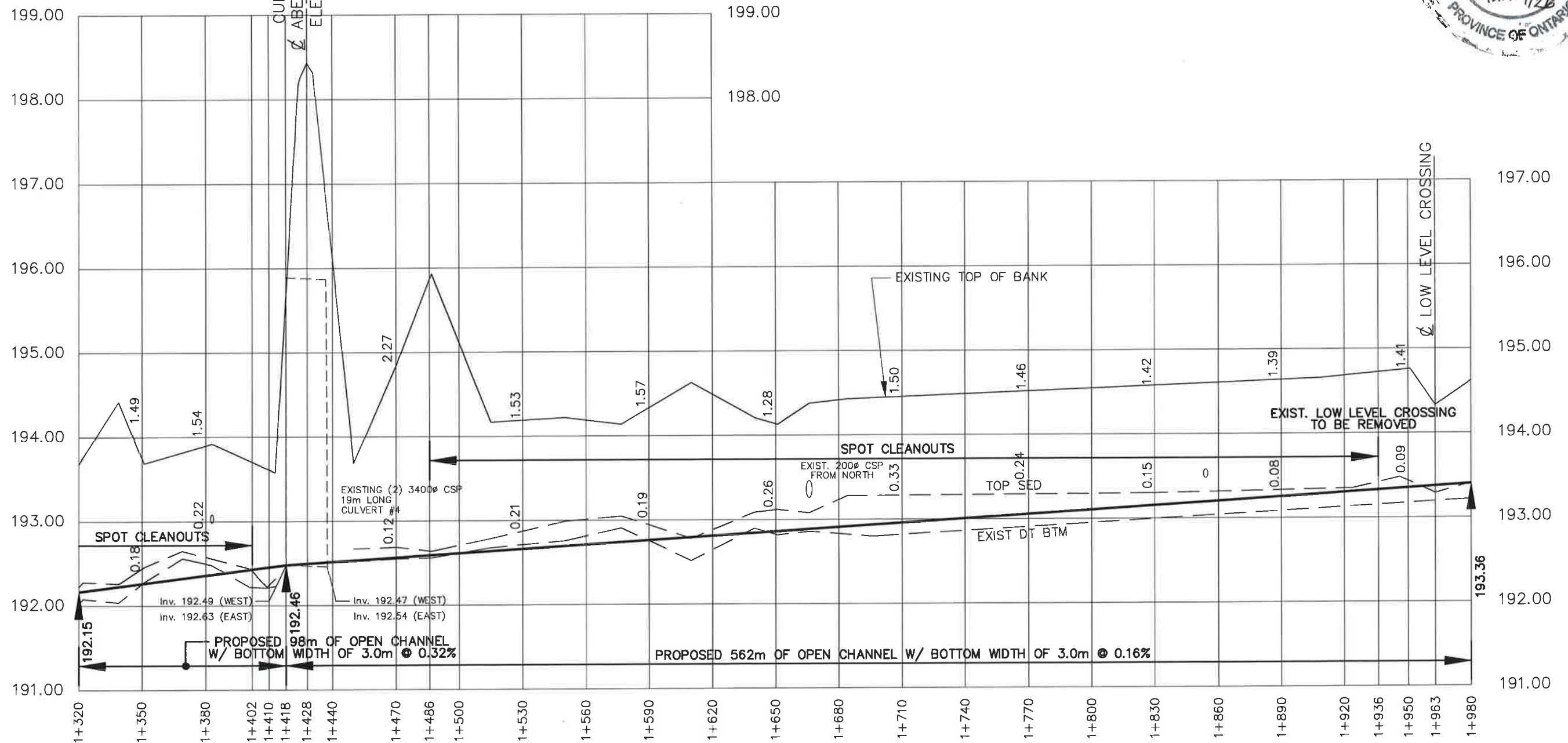
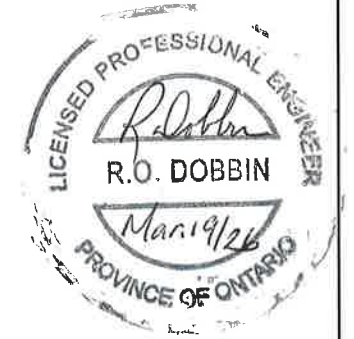
DRAWN
C. SAUNDERS

MUNICIPALITY of BROOKE-ALVINSTON
CHERRY CREEK DRAIN & CHERRY CREEK DRAIN BRANCH
PROFILE

7
OF 20

GENERAL NOTES

1. BENCHMARK No.2 ELEV. 195.89
TOP OF WESTERLY 3400Ø CSP
CROSSING ABERFELDY LINE.
AT STATION 1+428
2. UPPER NUMBERS ARE DEPTH FROM TOP OF
BANK TO BOTTOM OF PROPOSED DRAIN
3. LOWER NUMBERS ARE DEPTH OF PROPOSED
CHANNEL EXCAVATION.



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Petrolia Ontario, N0N 1R0
Phone: (519) 882-0032 Fax: (519) 882-2233

DRAWING NAME:
Cherry Creek Drain Branch Profile 3

PROJECT No.
2023-1454

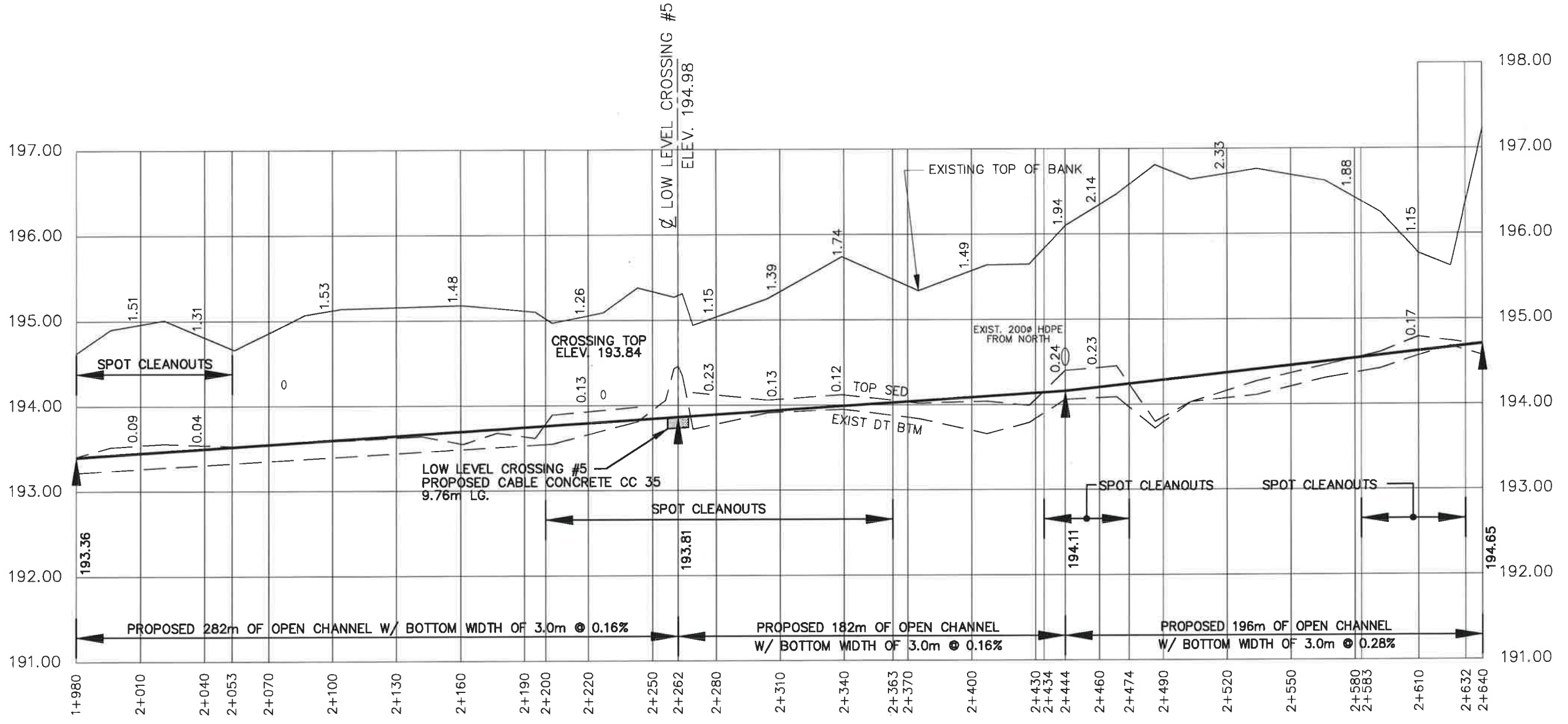
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R. DOBBIN				
CHECKED	1	FINAL REPORT	MAR. 19, 2026	CS
B. VAN RUITENBURG				
DRAWN	SCALE: 1:2,000			
C. SAUNDERS	0 20 40 60m			

MUNICIPALITY of BROOKE-ALVINSTON
CHERRY CREEK DRAIN BRANCH
PROFILE

8
OF 20

GENERAL NOTES

1. BENCHMARK No.2 ELEV. 195.89
TOP OF WESTERLY 3400Ø CSP
CROSSING ABERFELDY LINE.
AT STATION 1+428
2. UPPER NUMBERS ARE DEPTH FROM TOP OF
BANK TO BOTTOM OF PROPOSED DRAIN
3. LOWER NUMBERS ARE DEPTH OF PROPOSED
CHANNEL EXCAVATION.



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DRAWING NAME:
Cherry Creek Drain Branch Profile 4

PROJECT No.
2023-1454

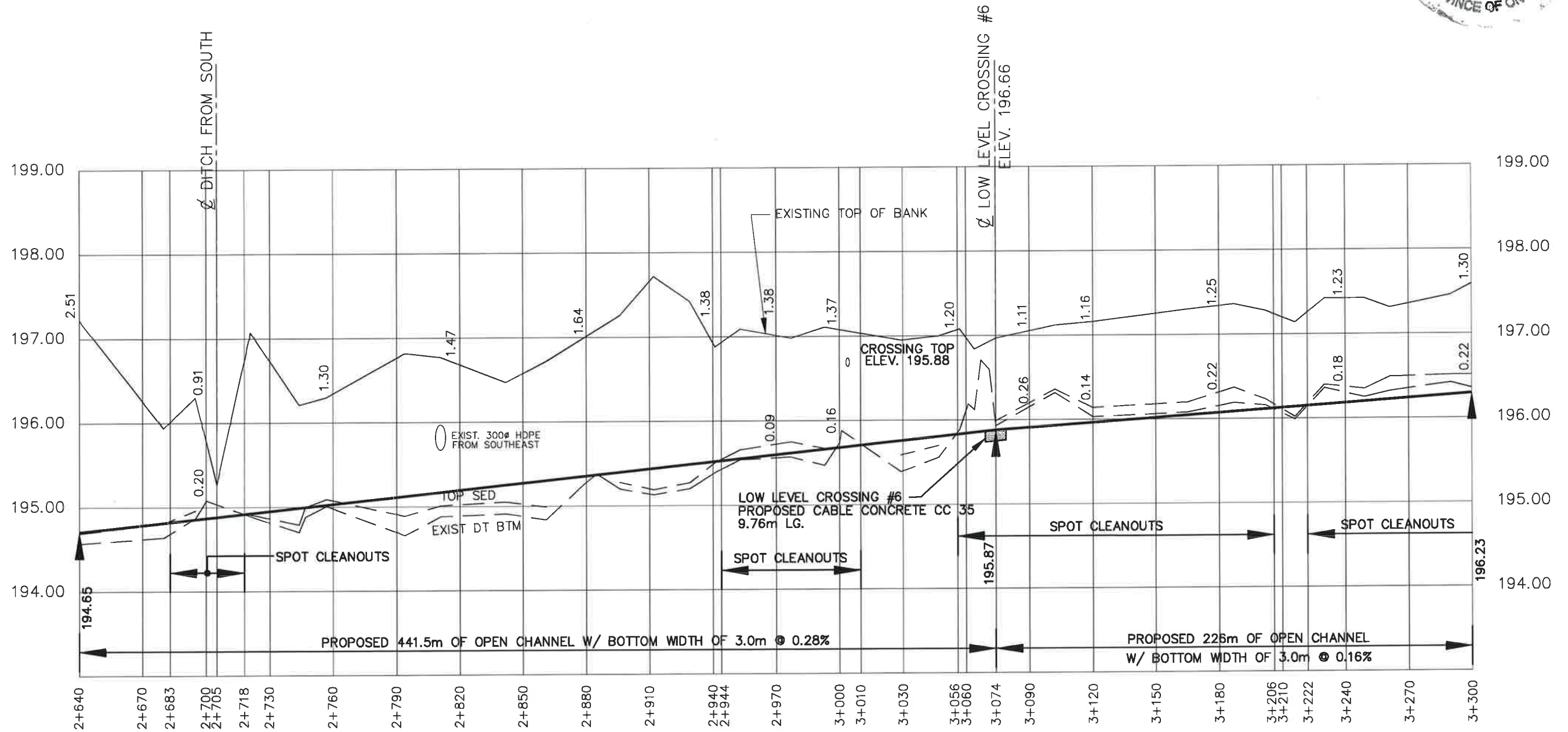
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R. DOBBIN				
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B. VAN RUITENBURG				
DRAWN	SCALE: 1:2,000			
C. SAUNDERS	0 20 40 60m			

MUNICIPALITY of BROOKE-ALVINSTON
CHERRY CREEK DRAIN BRANCH
PROFILE

9
OF 20

GENERAL NOTES

1. BENCHMARK No.3 ELEV. 195.89
TOP OF 300Ø HDPE COMING FROM SOUTHEAST. AT STATION 2+811
2. UPPER NUMBERS ARE DEPTH FROM TOP OF BANK TO BOTTOM OF PROPOSED DRAIN
3. LOWER NUMBERS ARE DEPTH OF PROPOSED CHANNEL EXCAVATION.



4218 Oil Heritage Road
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DRAWING NAME:
Cherry Creek Drain Branch Profile 5

PROJECT No.
2023-1454

APPROVED	NO.	REVISIONS	DATE	BY
R. DOBBIN				
CHECKED	1	FINAL REPORT	MAR. 19, 2026	CS
B. VAN RUITENBURG				
DRAWN				
C. SAUNDERS				

SCALE: 1:2,000
0 20 40 60m

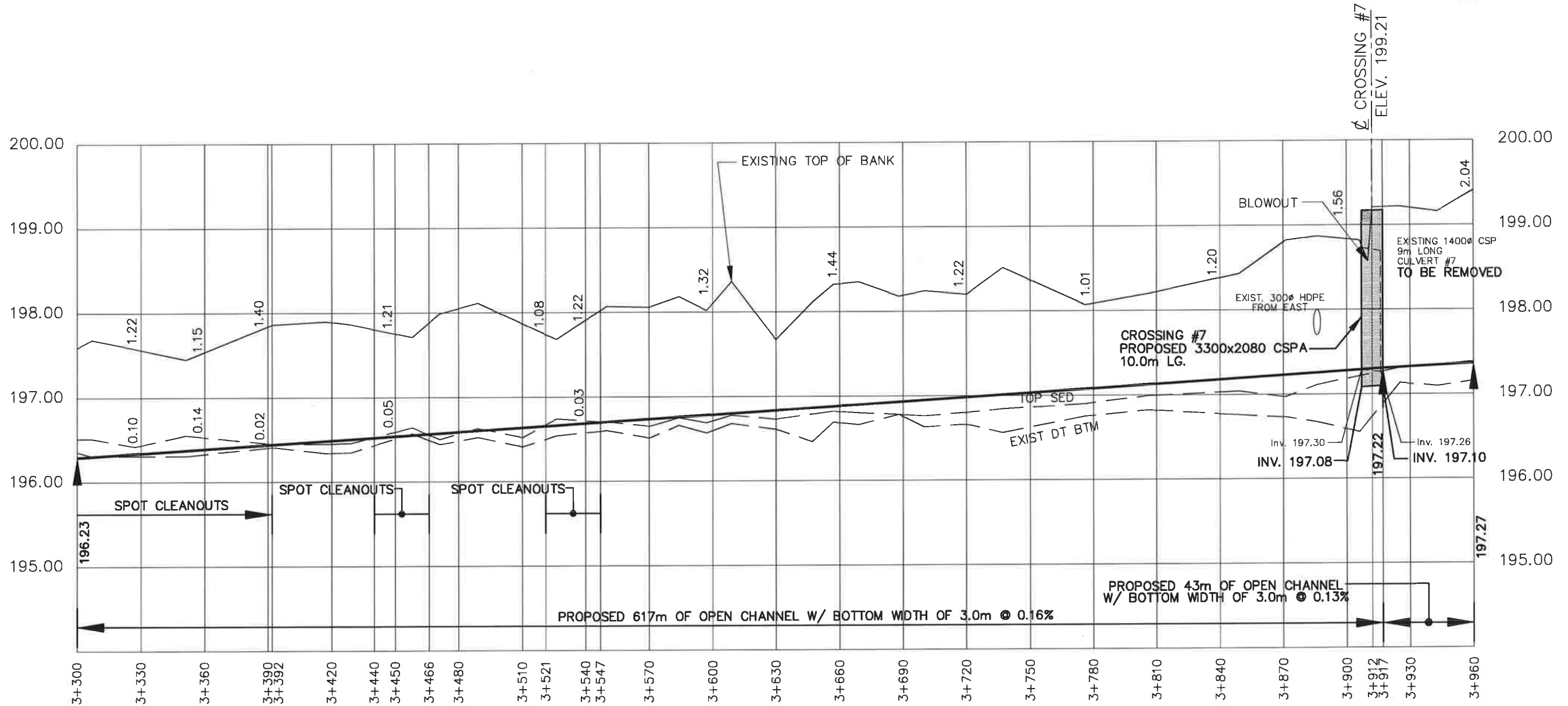
MUNICIPALITY of BROOKE-ALVINSTON
CHERRY CREEK DRAIN BRANCH
PROFILE

10
OF 20

Last Updated: March 19, 2026

GENERAL NOTES

- 1. BENCHMARK No.4 ELEV. 198.73
TOP OF SOUTH END OF 1400Ø CSP
CROSSING ACCESS LANE.
AT STATION 3+912
- 2. UPPER NUMBERS ARE DEPTH FROM TOP OF
BANK TO BOTTOM OF PROPOSED DRAIN
- 3. LOWER NUMBERS ARE DEPTH OF PROPOSED
CHANNEL EXCAVATION.



4218 Oil Heritage Road
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DRAWING NAME:
Cherry Creek Drain Branch Profile 6

PROJECT No.
2023-1454

APPROVED R. DOBBIN	NO.	REVISIONS	DATE	BY
CHECKED B. VAN RUITENBURG	1	FINAL REPORT	MAR. 19, 2026	CS
DRAWN C. SAUNDERS	SCALE: 1:2,000 0 20 40 60m			

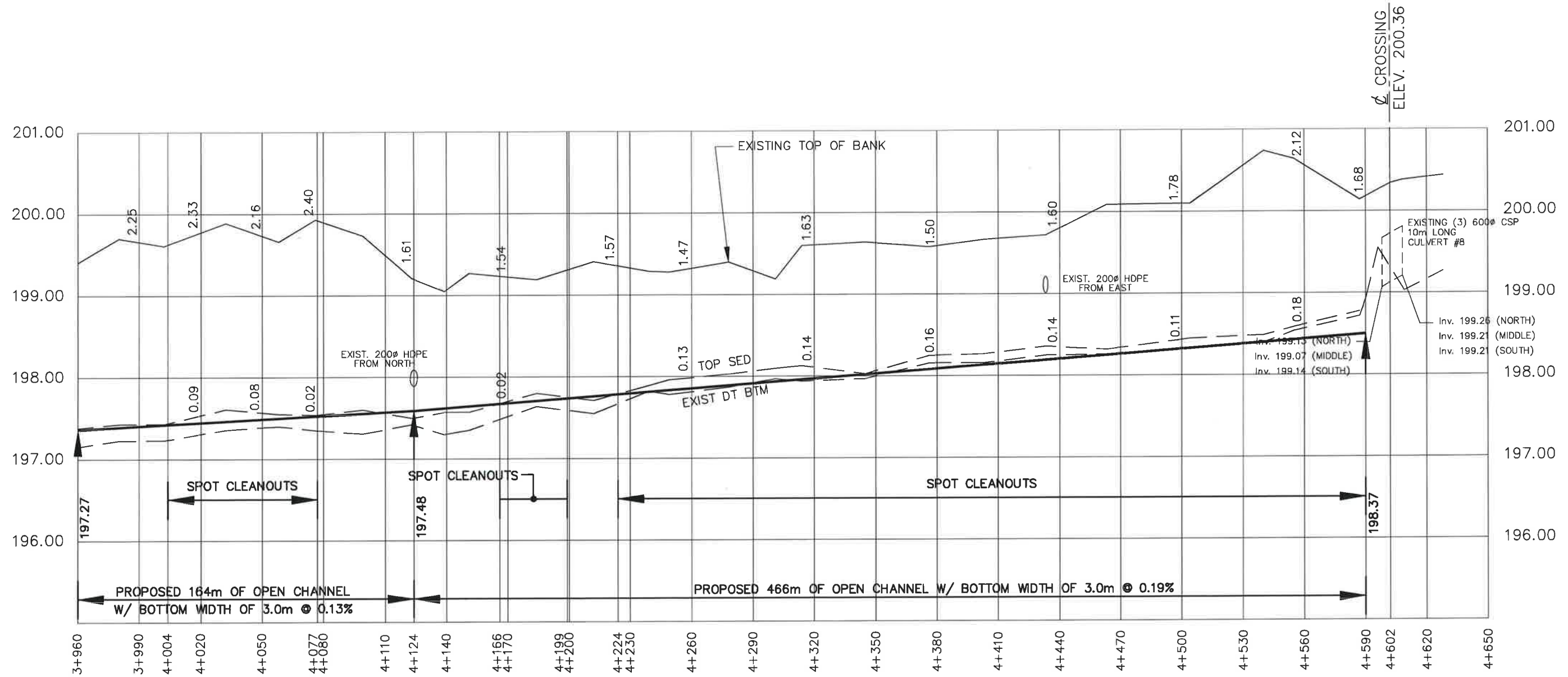
MUNICIPALITY of BROOKE-ALVINSTON
CHERRY CREEK DRAIN BRANCH
PROFILE

11
OF 20

Last Updated: March 19, 2026

GENERAL NOTES

1. BENCHMARK No.4 ELEV. 198.73
TOP OF SOUTH END OF 1400Ø CSP
CROSSING ACCESS LANE.
AT STATION 3+912
2. UPPER NUMBERS ARE DEPTH FROM TOP OF
BANK TO BOTTOM OF PROPOSED DRAIN
3. LOWER NUMBERS ARE DEPTH OF PROPOSED
CHANNEL EXCAVATION.



4218 Oil Heritage Road
Petrolia Ontario, N0N 1R0
Phone: (519) 882-0032 Fax: (519) 882-2233

DRAWING NAME:
Cherry Creek Drain Branch Profile 7

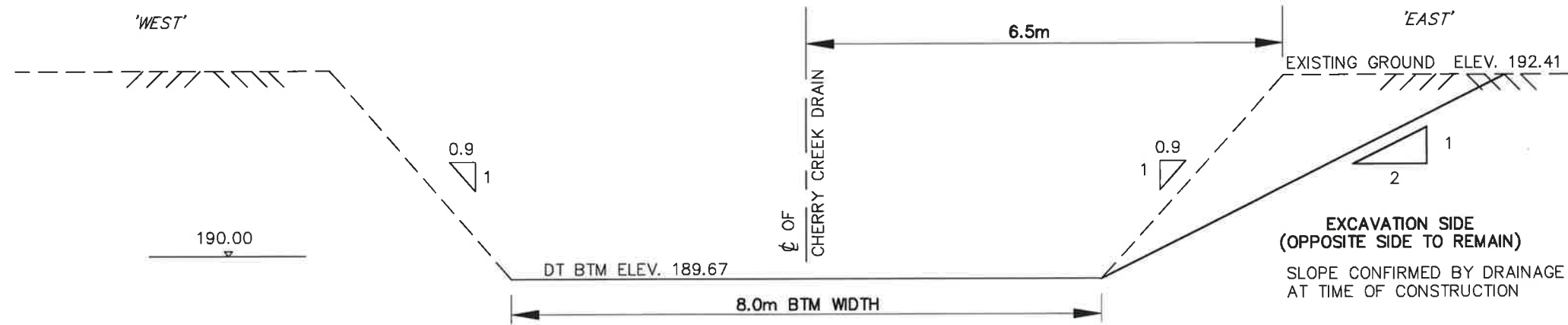
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2023-1454

APPROVED	NO.	REVISIONS	DATE	BY
R. DOBBIN				
CHECKED	1	FINAL REPORT	MAR. 19, 2026	CS
B. VAN RUITENBURG				
DRAWN	SCALE: 1:2,000			
C. SAUNDERS	0 20 40 60m			

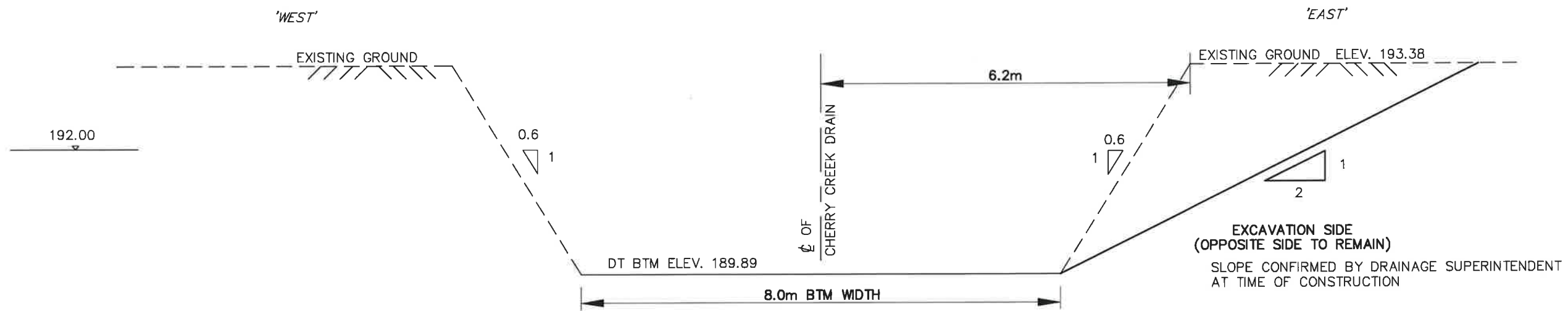
MUNICIPALITY of BROOKE-ALVINSTON
CHERRY CREEK DRAIN BRANCH
PROFILE

12
OF 20

Last Updated: March 19, 2026



SECTION ST. 0+274



SECTION ST. 0+644



4218 Oil Heritage Road
 Petrolia Ontario, N0N 1R0
 Phone: (519) 882-0032 Fax: (519) 882-2233

DRAWING NAME: Cherry Creek Drain & Cherry Creek Drain Branch Typical Cross Sections 1
 PROJECT No. 2022-1454

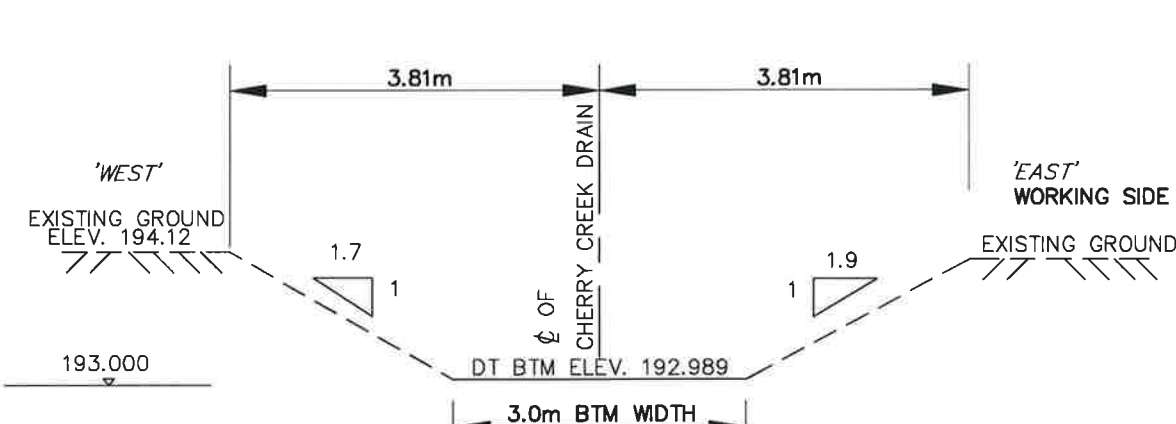
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DRAWN				
C. SAUNDERS				

SCALE 1:75

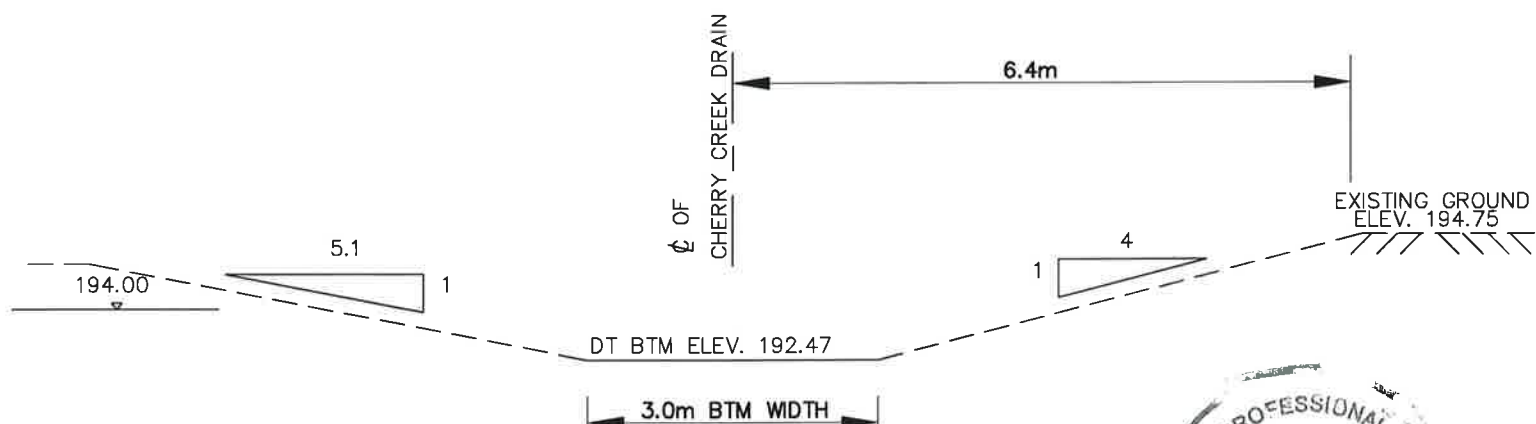
MUNICIPALITY of BROOKE - ALVINSTON
 CHERRY CREEK DRAIN & CHERRY CREEK DRAIN BRANCH
 TYPICAL CROSS SECTIONS

13
 OF 20

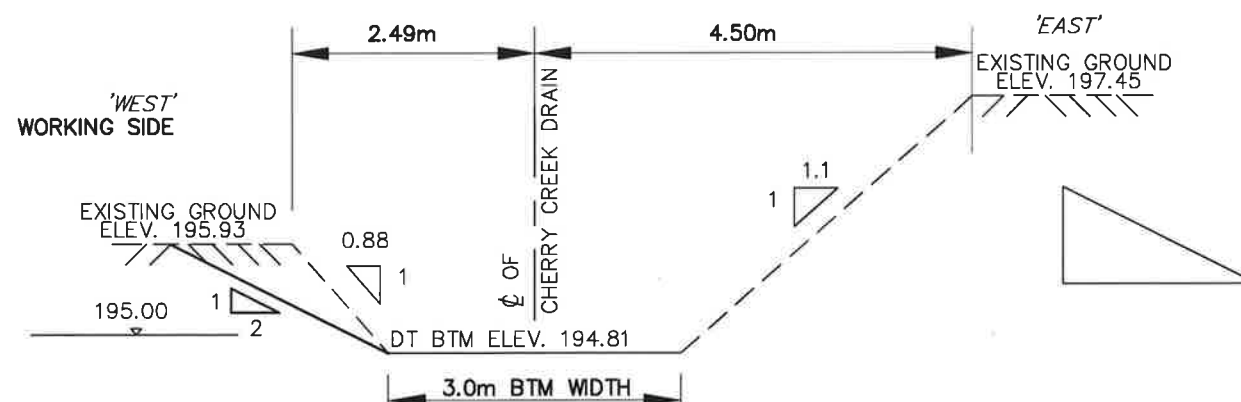
Last Updated: March 19, 2026



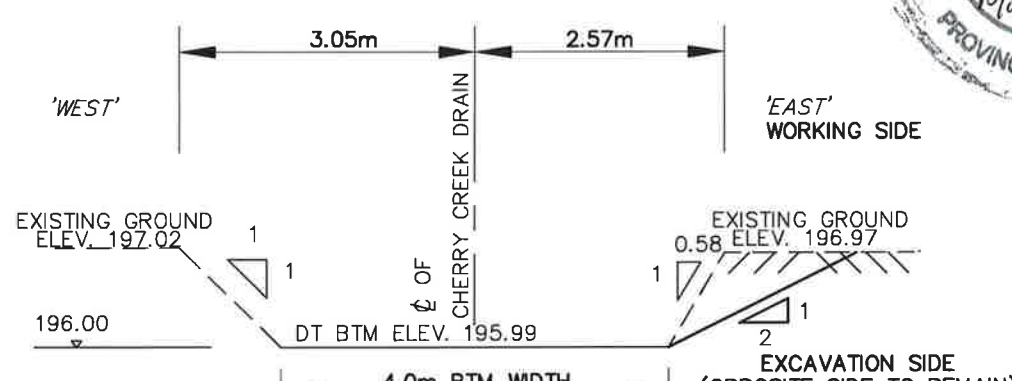
SECTION ST. 1+550



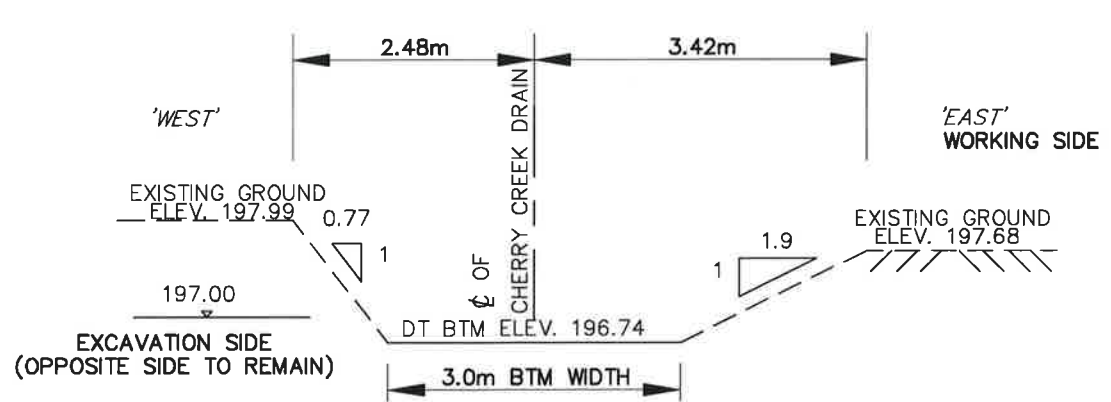
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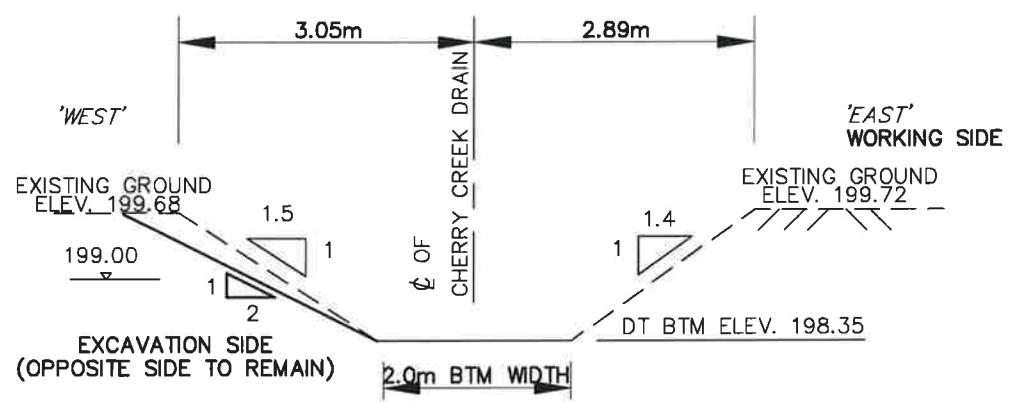
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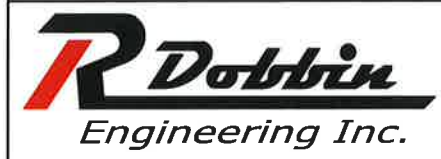
SECTION ST. 3+120



SECTION ST. 3+330



SECTION ST. 4+433



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Petrolia Ontario, N0N 1R0
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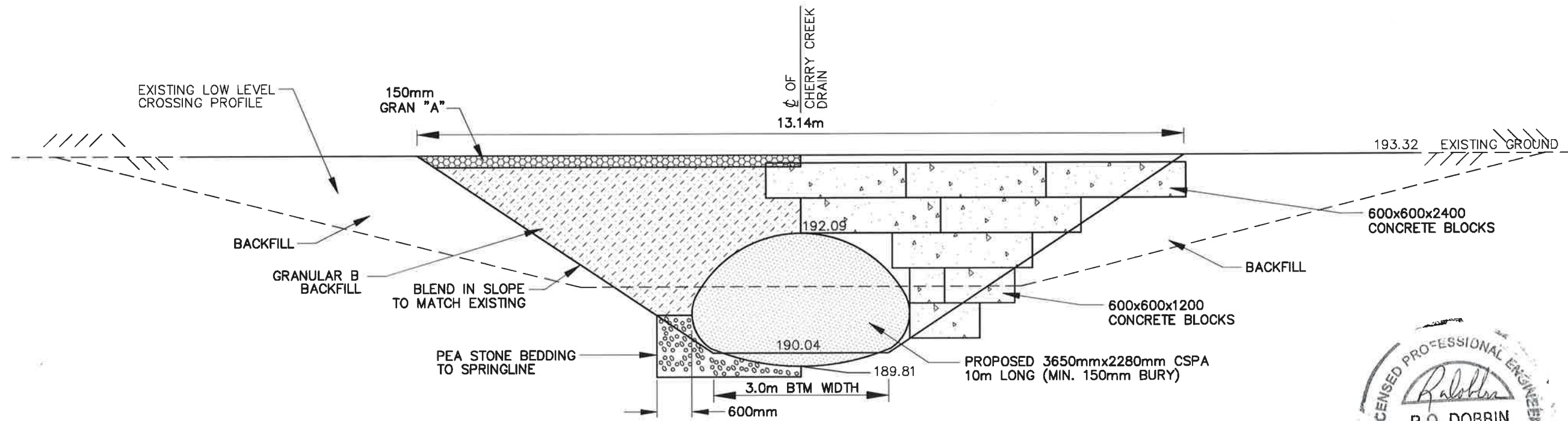
DRAWING NAME: Cherry Creek Drain & Cherry Creek Drain Branch Typical Cross Sections 2
PROJECT No. 2022-1454

APPROVED	NO.	REVISIONS	DATE	BY
R. DOBBIN				
CHECKED	1	FINAL REPORT	MAR. 19, 2026	CS
B. VAN RUITENBURG				
DRAWN				
C. SAUNDERS				

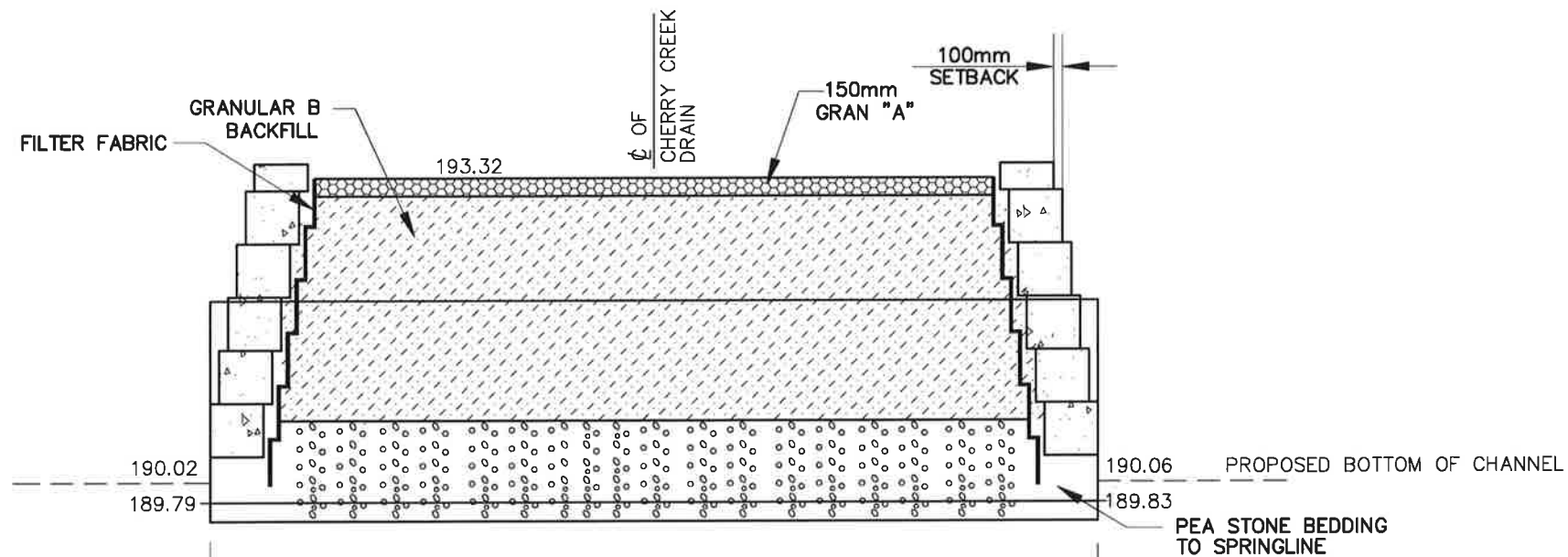
SCALE 1:75

MUNICIPALITY of BROOKE - ALVINSTON
CHERRY CREEK DRAIN & CHERRY CREEK DRAIN BRANCH
TYPICAL CROSS SECTIONS

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OF 20



PROPOSED PIPE END SECTION



PROPOSED CROSS-SECTION

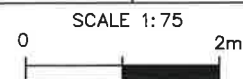
NTS



4218 Oil Heritage Road
Petrolia Ontario, N0N 1R0
Phone: (519) 882-0032 Fax: (519) 882-2233

PROJECT No.
2022-1454

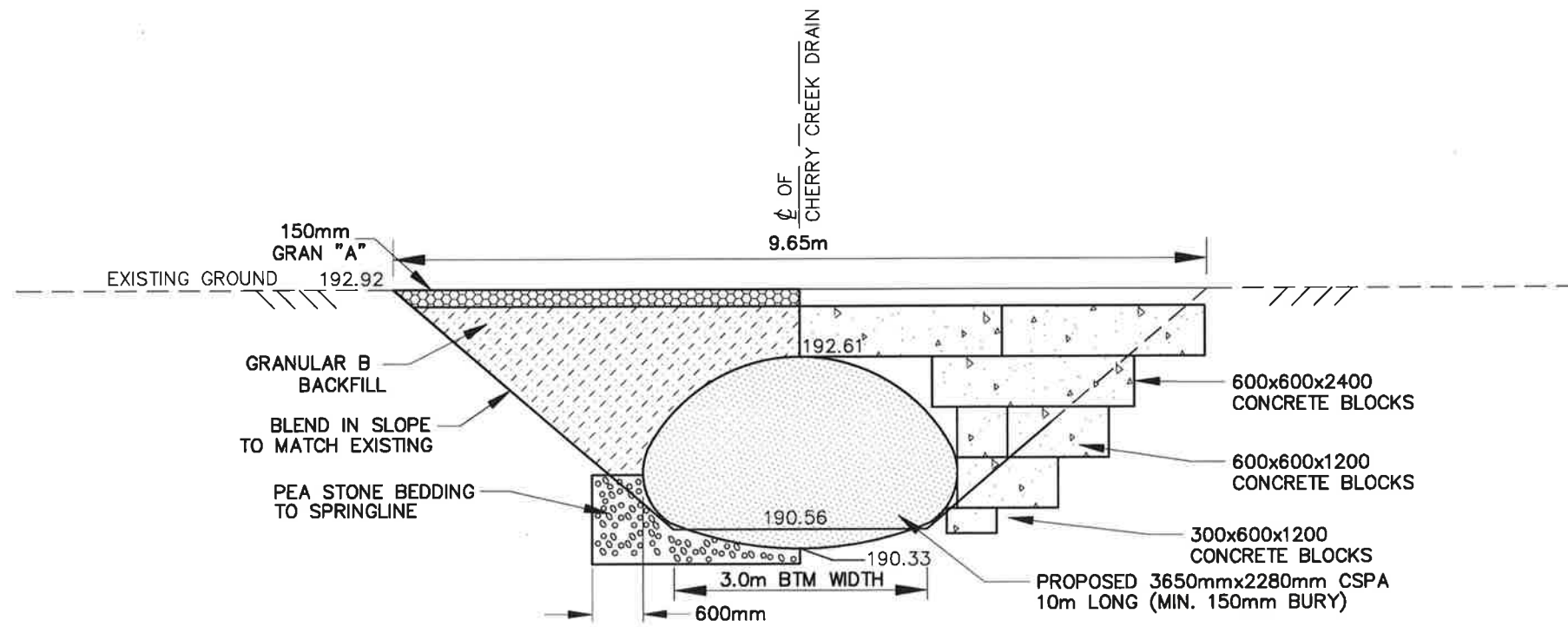
APPROVED	NO.	REVISIONS	DATE	BY
R. DOBBIN				
CHECKED	1	FINAL REPORT	MAR. 19, 2026	CS
B. VAN RUITENBURG				
DRAWN				
C. SAUNDERS				



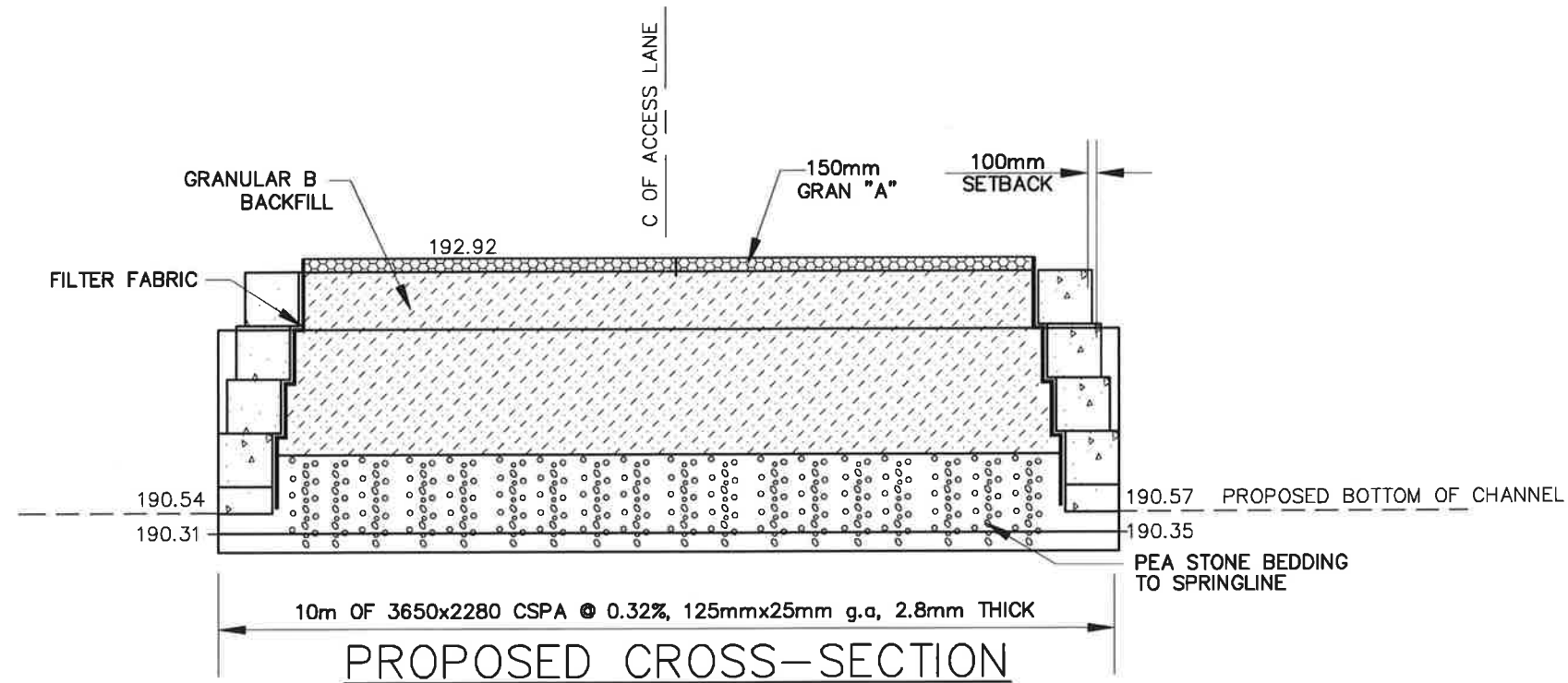
MUNICIPALITY of BROOKE - ALVINSTON

CHERRY CREEK DRAIN
CROSSING #1 DETAILS ST. 0+661

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OF 20



PROPOSED PIPE END SECTION



PROPOSED CROSS-SECTION

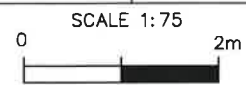
NTS



4218 Oil Heritage Road
Petrolia Ontario, N0N 1R0
Phone: (519) 882-0032 Fax: (519) 882-2233

PROJECT No.
2022-1454

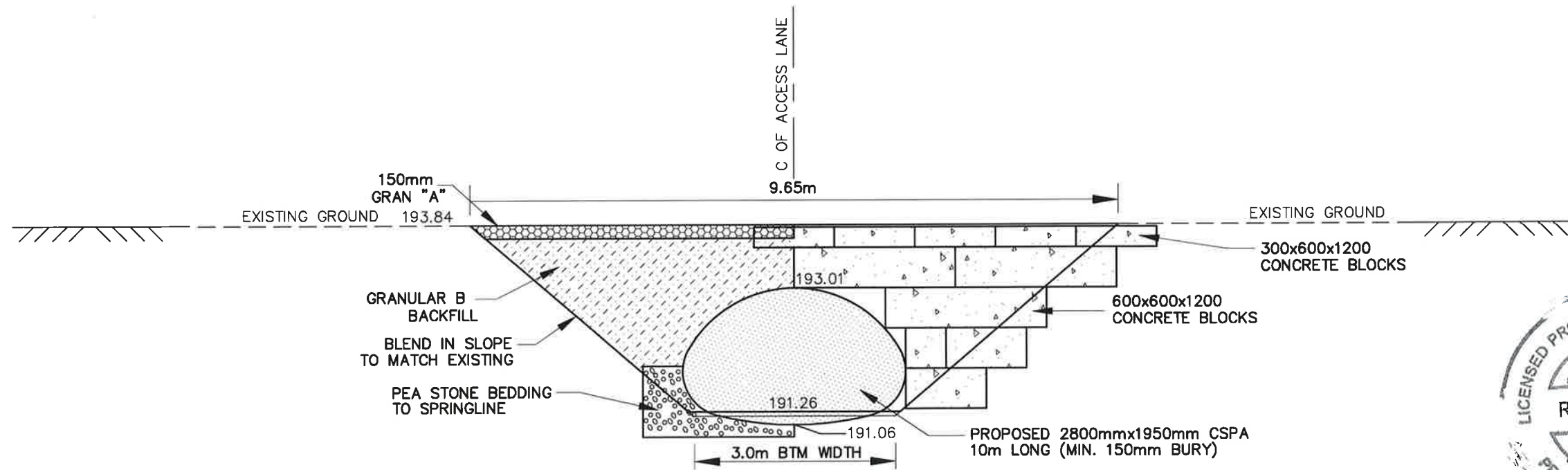
APPROVED	NO.	REVISIONS	DATE	BY
R. DOBBIN				
CHECKED	1	FINAL REPORT	MAR. 19, 2026	CS
B. VAN RUITENBURG				
DRAWN				
C. SAUNDERS				



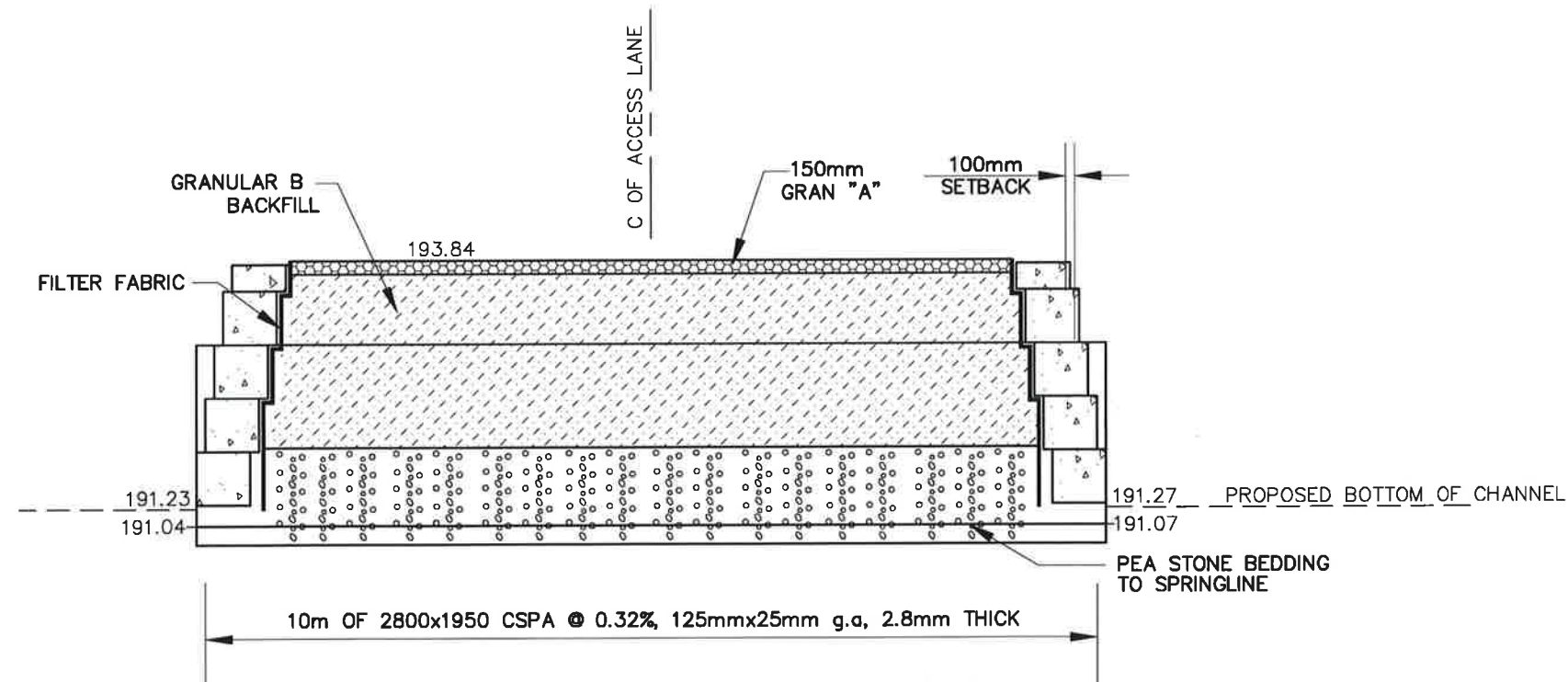
MUNICIPALITY of BROOKE - ALVINSTON

CHERRY CREEK DRAIN
CROSSING #2 DETAILS ST. 0+814

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OF 20



PROPOSED PIPE END SECTION



PROPOSED CROSS-SECTION

NTS



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Petrolia Ontario, N0N 1R0
Phone: (519) 882-0032 Fax: (519) 882-2233

DRAWING NAME:
Cherry Creek Drain Low Level Crossing #3 Detail

PROJECT No.
2022-1454

APPROVED
R. DOBBIN

CHECKED
B. VAN RUITENBURG

DRAWN
C. SAUNDERS

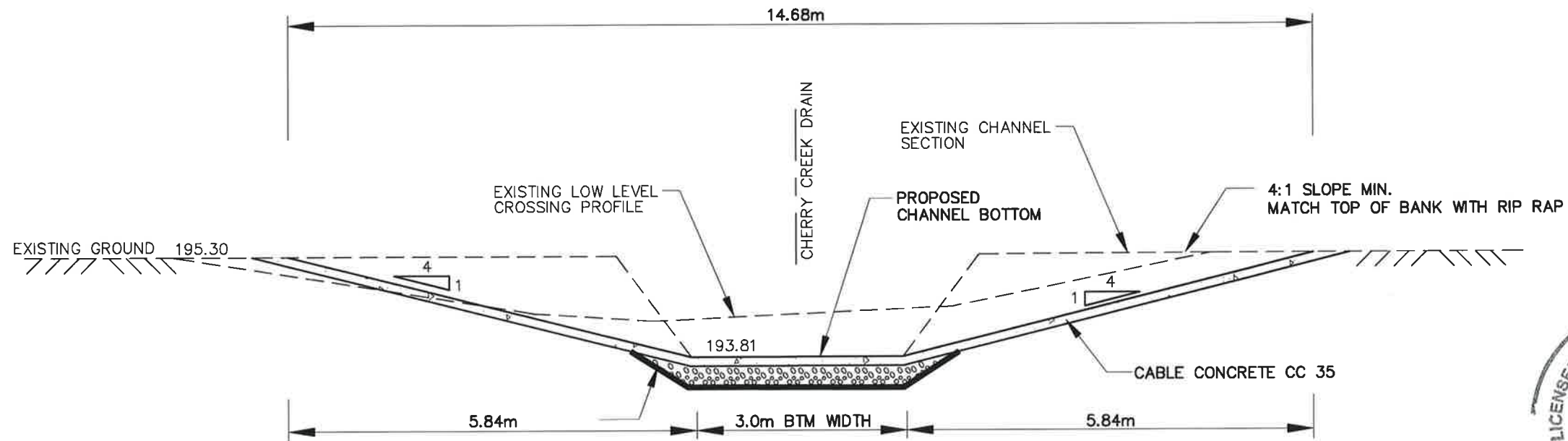
NO.	REVISIONS	DATE	BY
1	FINAL REPORT	MAR. 19, 2026	CS

SCALE 1:75

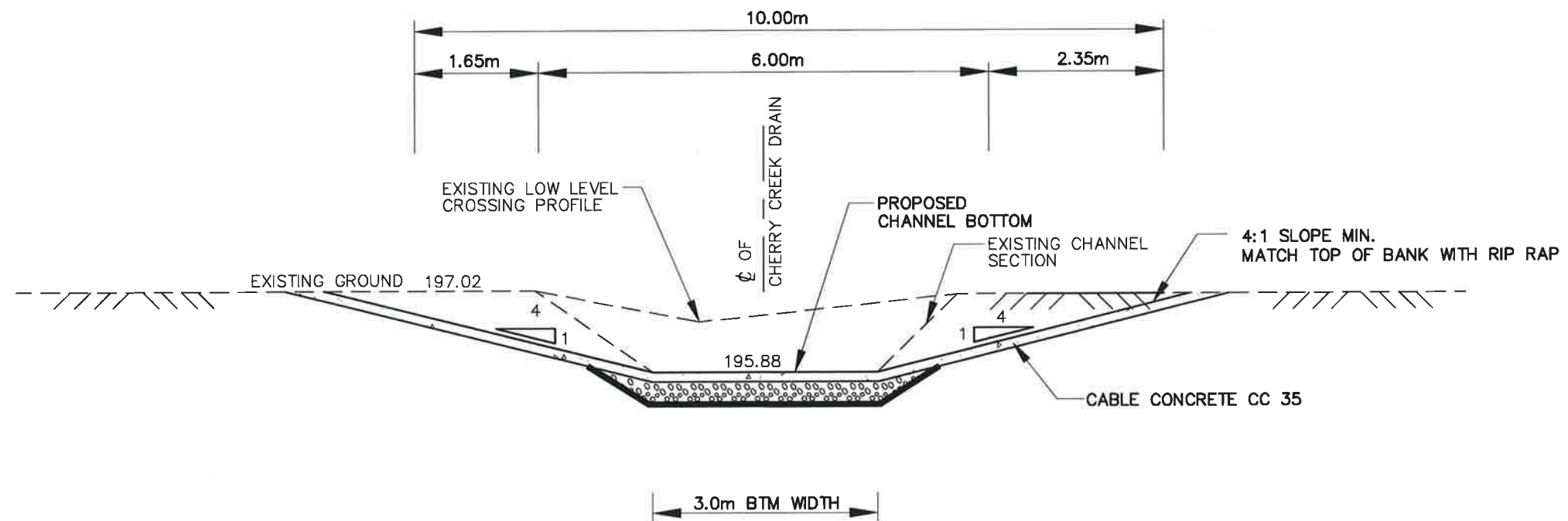
MUNICIPALITY of BROOKE - ALVINSTON

CHERRY CREEK DRAIN
CROSSING #3 DETAILS ST. 1+033

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OF 20



PROPOSED PIPE END SECTION LOW LEVEL CROSSING 5 – ST. 2+262



PROPOSED PIPE END SECTION LOW LEVEL CROSSING #6 – ST. 3+074



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 Petrolia Ontario, N0N 1R0
 Phone: (519) 882-0032 Fax: (519) 882-2233

DRAWING NAME: Cherry Creek Drain Branch Low Level Crossings #5 & #6 Details
 PROJECT No. 2022-1454

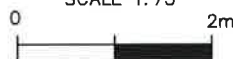
APPROVED
 R. DOBBIN

CHECKED
 B. VAN RUITENBURG

DRAWN
 C. SAUNDERS

NO.	REVISIONS	DATE	BY
1	FINAL REPORT	MAR. 19, 2026	CS

SCALE 1:75

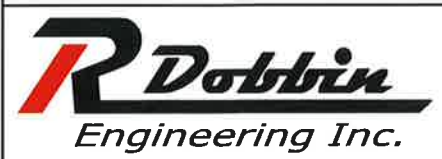
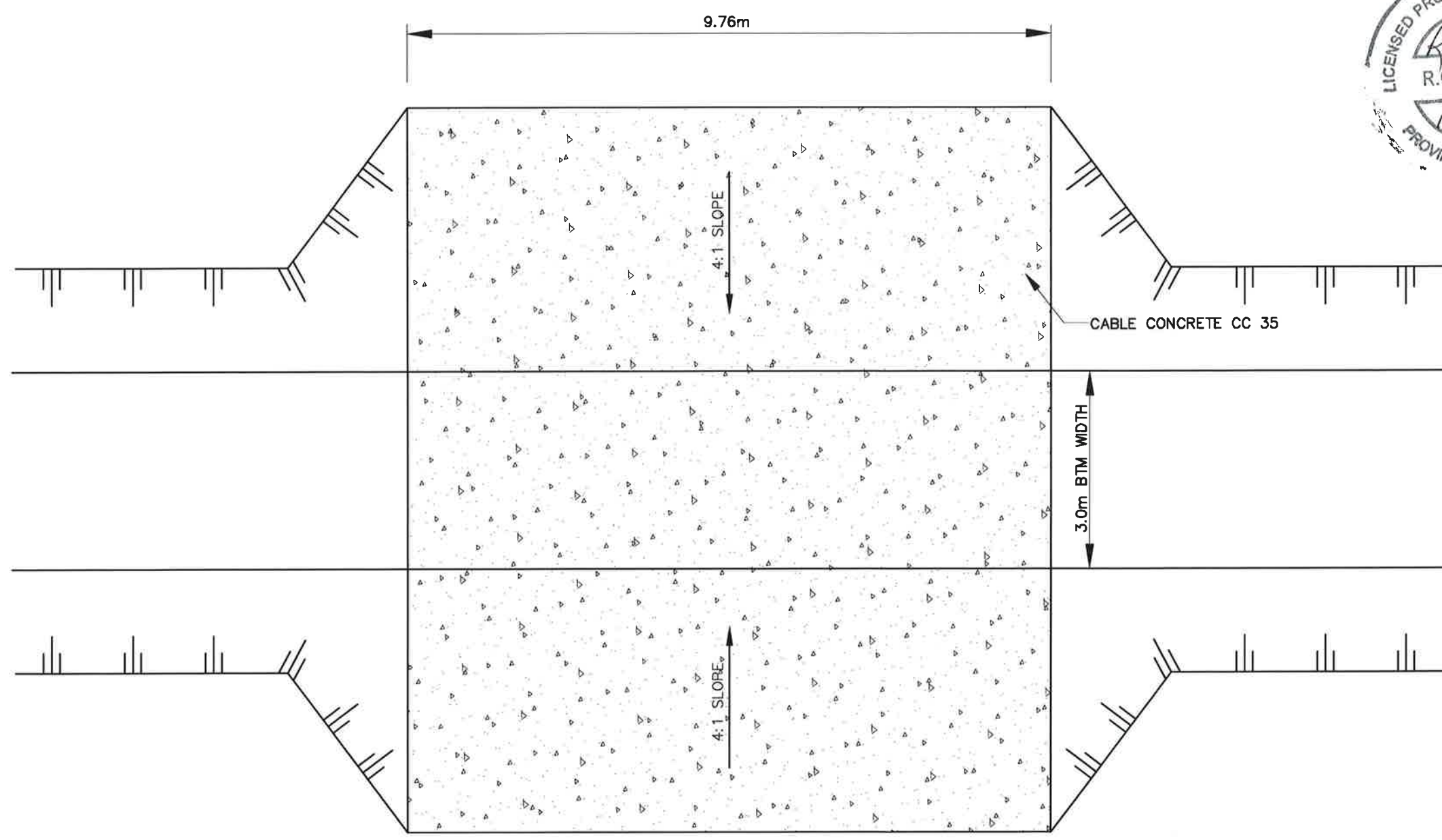


MUNICIPALITY of BROOKE - ALVINSTON

CHERRY CREEK DRAIN BRANCH

LOW LEVEL CROSSING #5 DETAIL ST. 2+262 and
 LOW LEVEL CROSSING #6 DETAIL ST. 3+074

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 OF 20



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 Petrolia Ontario, N0N 1R0
 Phone: (519) 882-0032 Fax: (519) 882-2233

DRAWING NAME: Cherry Creek Drain Branch Low Level Crossing #6 Detail
 PROJECT No. 2022-1454

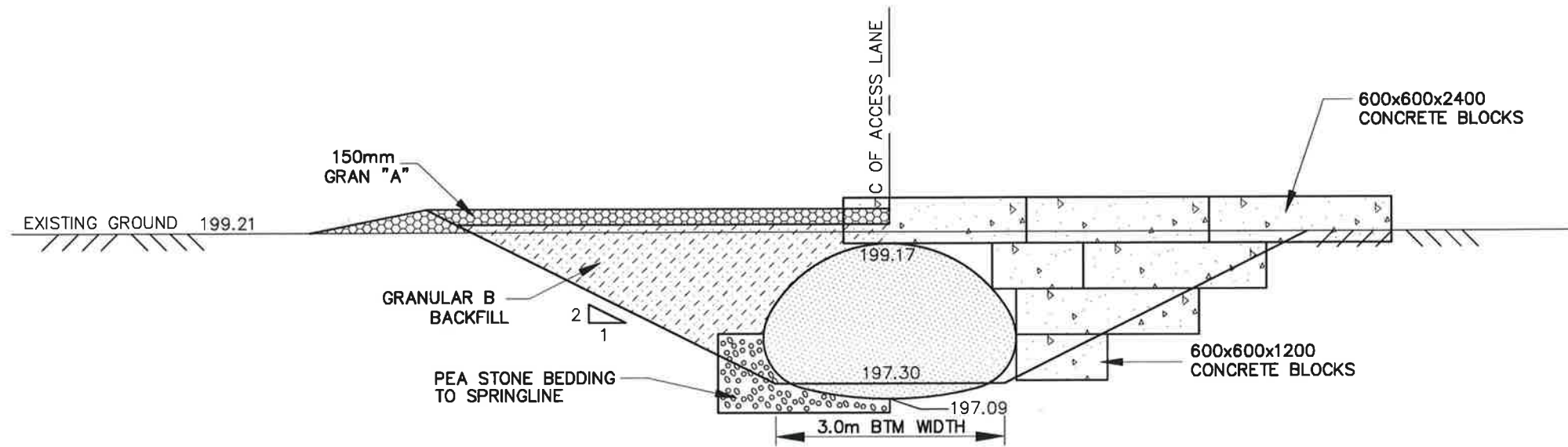
APPROVED	NO.	REVISIONS	DATE	BY
R. DOBBIN				
CHECKED	1	FINAL REPORT	MAR. 19, 2026	CS
B. VAN RUITENBURG				
DRAWN				
C. SAUNDERS				

SCALE 1:75

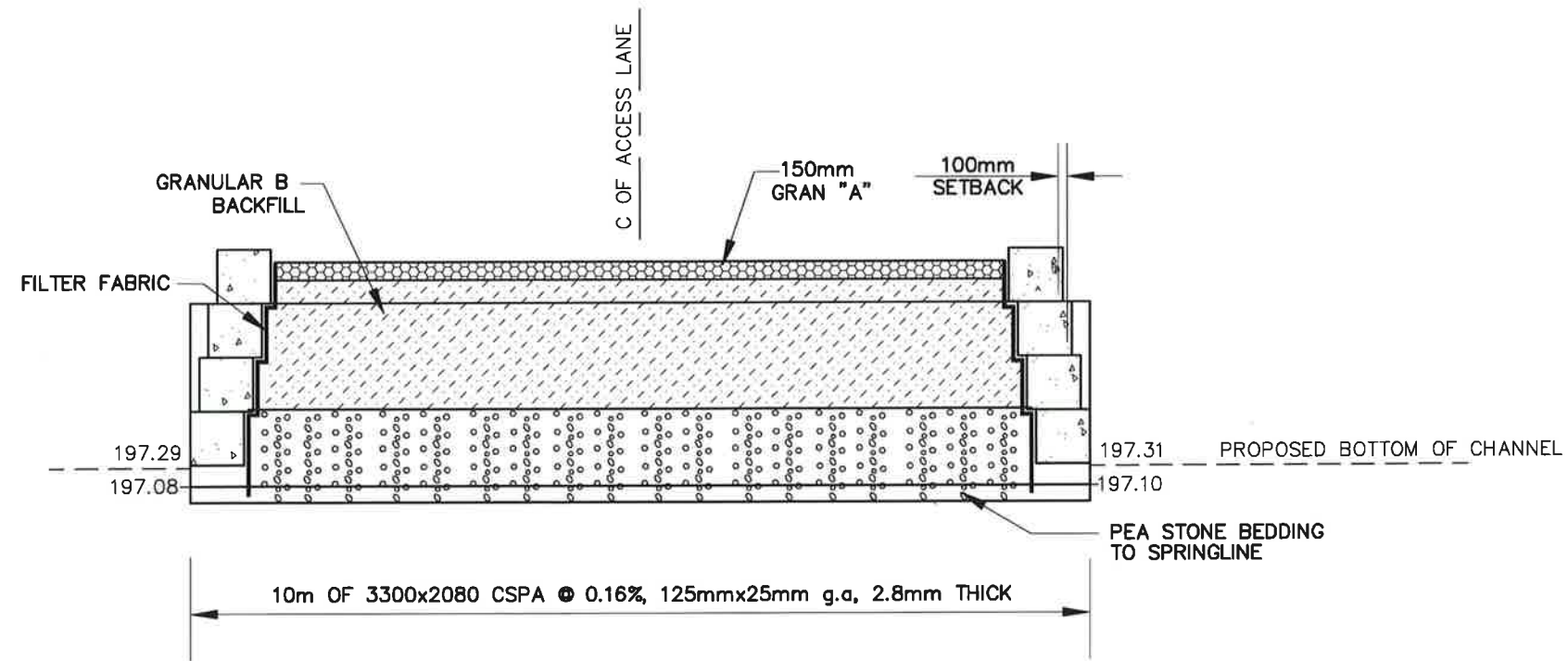
MUNICIPALITY of BROOKE - ALVINSTON

CHERRY CREEK DRAIN BRANCH
 LOW LEVEL CROSSINGS # 5 & #6 DETAILS

19
 OF 20



PROPOSED PIPE END SECTION



PROPOSED CROSS-SECTION

NTS



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 Petrolia Ontario, N0N 1R0
 Phone: (519) 882-0032 Fax: (519) 882-2233

DRAWING NAME:
 Cherry Creek Drain Branch Low Level Crossing #5 Detail

PROJECT No.
 2022-1454

APPROVED
 R. DOBBIN
 CHECKED
 B. VAN RUITENBURG
 DRAWN
 C. SAUNDERS

NO.	REVISIONS	DATE	BY
1	FINAL REPORT	MAR. 19, 2026	CS

SCALE 1:75

MUNICIPALITY of BROOKE - ALVINSTON

CHERRY CREEK DRAIN BRANCH
 CROSSING #7 DETAILS ST. 3+912

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 OF 20

ENCLOSURE

ESTIMATED NET ASSESSMENT

Conc.	Lot or Part	Roll No.	Owner	Total Assessment	Less Grant	Less Allowances	Net Assessment
Township of Dawn Euphemia							
Agricultural Land							
5	NEcor. L35	30-00105	I. McVicar	167.00	55.67		111.33
	W1/2 L35	20-170	J. Batista	291.00	97.00		194.00
	W1/2 L34	20-169	P. Deschamps	643.00	214.33		428.67
	NE1/4 L34	30-003	G. Schinnour	35,623.00	11,874.33	6,195.00	17,553.67
	SE1/4 L34	30-005	Parkins Family Farms	22,655.00	7,551.67	4,914.00	10,189.33
	Npt.E1/2 L33	30-004	Parkins Family Farms	11,120.00	3,706.67	4,176.00	3,237.33
6	Wpt. L35 & Wpt. L34	30-055	T. Parkins	175.00	58.33		116.67
Non Agricultural land							
5	Wpt.E1/2 L35	30-001	S. Dow	6,675.00		5,552.00	1,123.00
	Ept.L35	30-002	I. McVicar	63.00			63.00
6	pt.Wpt. L34	30-05501	W. Schinnour	35.00			35.00
Public Lands: Roads							
	Aberfeldy Line (1/2)		Township of Dawn Euphemia	870.00			870.00
	Cox Road		Township of Dawn Euphemia	192.00			192.00

Conc.	Lot or Part	Roll No.	Owner	Total Assessment	Less Grant	Less Allowances	Net Assessment
Municipality of Brooke Alvinston							
Agricultural Land							
1	W1/2 L4	10-010	611376 Ontario Inc.	86.00	28.67		57.33
	NE1/4 L4	10-011	692696 Ontario Inc.	129.00	43.00		86.00
	NW1/4 L5	10-011	692696 Ontario Inc.	214.00	71.33		142.67
	NE1/4 L5	10-013	1499301 Ontario Ltd.	600.00	200.00		400.00
	N1/2 L6	10-015	J. Lassaline	257.00	85.67		171.33
	S1/2 L6	10-016	R. McCormick	364.00	121.33		242.67
	NW1/4 L7	10-017	A. MacDougall	1,071.00	357.00		714.00
	S1/2 L7	10-018	McCormick Farms Inc.	2,110.00	703.33		1,406.67
	NE1/4 L7 & W1/4 L8	10-019	Cob Roller Farms Ltd.	1,858.00	619.33		1,238.67
	Npt.E1/2W1/2 L8	10-020	A. MacDougall	535.00	178.33		356.67
	W1/2E1/2 L8	10-021	R. McCormick	1,071.00	357.00		714.00
	E1/4 L8 & W1/4 L9	10-022	R. McCormick	2,142.00	714.00		1,428.00
	E1/2W1/2 L9 & pt.E1/2 L9	10-024	T. Parkins	1,225.00	408.33		816.67
	Spt.E1/2 L9	10-023	R. Lucan	1,299.00	433.00		866.00
	pt.Npt.E1/2 L9	10-025	Parkins Family Farms Ltd.	508.00	169.33		338.67
	pt.Npt.E1/2 L9	10-026	H. Stokes	127.00	42.33		84.67
	Spt.W1/2 L10	10-027	T. Parkins	8,544.00	2,848.00	4,888.00	808.00
	Npt.W1/2 & NE1/4 L10	10-029	T. Parkins	13,115.00	4,371.67	8,871.00	-127.67
	SE1/4 L10	10-030	E. Morwood	31,613.00	459.33	15,871.00	15,282.67
	W1/2 L11	10-031	E. Morwood	35,269.00	11,756.33	18,948.00	4,564.67
	Npt.W1/2 L11 & Npt.E1/2 L12	10-03201	Premier Swine Genetics Ltd.	7,919.00	2,639.67	1,609.00	3,670.33
	Npt.E1/2 L11	10-033	G. Howes-Parkins	597.00	199.00		398.00
2	E1/2 L3	10-06605	692696 Ontario Inc.	1,114.00	371.33		742.67
	L4	10-068	R. Robinson	3,642.00	1,214.00		2,428.00
	SW1/4 L5	10-070	B. Kelly	813.00	271.00		542.00
	SE1/4 L5	10-071	Lassaline Farms 2014 Inc.	1,071.00	357.00		714.00

Estimated Net Assessment (cont'd)

Conc.	Lot or Part	Roll No.	Owner	Total Assessment	Less Grant	Less Allowances	Net Assessment
Agricultural Land (cont'd)							
2	N1/2 L5	10-069	McCormick Farms Inc.	2,142.00	714.00		1,428.00
	N1/2 L6	10-072	1002154 Ontario Ltd.	2,065.00	688.33		1,376.67
	SW1/4 L6	10-07201	R. Martin	1,071.00	357.00		714.00
	SE1/4 L6	10-073	R. Martin	1,071.00	357.00		714.00
	NW1/4 L7	10-074	R. Martin	1,071.00	357.00		714.00
	NE1/4 L7	10-075	M. McNally	4,484.00	1,494.67		2,989.33
	S1/2 L7	10-076	R. Martin	2,129.00	709.67		1,419.33
	N1/2 L8	10-077	J. Zimmerman	9,061.00	3,020.33		6,040.67
	S1/2 L8	10-079	M. Campbell	2,142.00	714.00		1,428.00
	S1/2 L9	10-0801	R. Van Damme	8,181.00	2,727.00		5,454.00
	N1/2 L9	10-081	R. Lucan	9,653.00	3,217.67		6,435.33
	Npt. L10	10-082	E. Molzan	5,342.00	1,780.67		3,561.33
	pt.Npt. L10 & pt.Npt. L11	10-083	J. Lassaline	7,697.00	2,565.67		5,131.33
	ptSpt. L10 & pt.Spt. L11	10-084	R. Lucan	4,625.00	1,541.67	100.00	2,983.33
	ptSpt. L10 & pt.Spt. L11	10-085	T. Parkins	19,814.00	6,604.67	10,460.00	2,749.33
	Spt. L10 & Spt. L11	10-087	T. Parkins	22,566.00	7,522.00	4,345.00	10,699.00
	Npt. L11	10-086	D. Pasut	4,788.00	1,596.00		3,192.00
	N1/2 L12	10-088	R. Van Damme	1,208.00	402.67		805.33
	S1/2 L12	10-089	R. Van Damme	8,821.00	2,940.33		5,880.67
3	E1/2 L3	10-120	5001668 Ontario Limited	321.00	107.00		214.00
	SW1/4 L4	10-121	1499031 Ontario Ltd.	1,071.00	357.00		714.00
	NW1/4 L4	10-122	1499031 Ontario Ltd.	1,071.00	357.00		714.00
	W1/2E1/2 L4	10-123	B. Kelly	980.00	326.67		653.33
	E1/4 L4	10-124	B. Kelly	965.00	321.67		643.33
	W1/2 L5	10-125	692696 Ontario Inc.	1,978.00	659.33		1,318.67
	E1/2 L5	10-126	R. McCormick	1,937.00	645.67		1,291.33
	S1/2 & W1/3N1/2 L6	10-127	McCormick Farms Inc.	2,922.00	974.00		1,948.00
	E2/3N1/2 L6	10-129	B. Kelly	1,399.00	466.33		932.67
	W1/2 L7	10-130	1002154 Ontario Limited	2,090.00	696.67		1,393.33

Estimated Net Assessment (cont'd)

Conc.	Lot or Part	Roll No.	Owner	Total Assessment	Less Grant	Less Allowances	Net Assessment
Agricultural Land (cont'd)							
3	E1/2 L7	10-131	W. McCormick	6,615.00	2,205.00		4,410.00
	W1/2 L8	10-132	D. Zimmerman	7,597.00	2,532.33		5,064.67
	E1/2 L8	10-133	R. Molzan	9,111.00	3,037.00		6,074.00
	S1/4 L9	10-134	R. MacDougall	4,850.00	1,616.67		3,233.33
	N1/2S1/2 L9	10-135	R. Martin	4,826.00	1,608.67		3,217.33
	N1/2 L9	10-136	R. Molzan	9,701.00	3,233.67		6,467.33
	NW1/4 L10	10-137	R. Martin	4,850.00	1,616.67		3,233.33
	SW1/4 & W1/4E1/2 L10	10-138	Parkins Family Farms Ltd.	7,276.00	2,425.33		4,850.67
	E3/4E1/2 L10	10-140	D. Pasut	6,521.00	2,173.67		4,347.33
	N1/2 L11	10-139	L. Rosina	9,701.00	3,233.67		6,467.33
	SW1/4 L11	10-141	D. Pasut	4,409.00	1,469.67		2,939.33
	N1/2 L12	10-145	R. Werden	3,206.00	1,068.67		2,137.33
4	S1/2 L4	10-175	1499031 Ontario Ltd.	1,996.00	665.33		1,330.67
	N1/2 L4	10-176	D. Dudley	2,016.00	672.00		1,344.00
	L5 & W1/2 L6	10-177	1002192 Ontario Inc.	6,425.00	2,141.67		4,283.33
	E1/2 L6	10-178	R. Martin	2,142.00	714.00		1,428.00
	NW1/4 L7	10-179	R. Martin	1,071.00	357.00		714.00
	SW1/4 L7	10-180	R. Martin	832.00	277.33		554.67
	E1/2 L7 & W1/4 L8	10-18104	Premier Swine Genetics Ltd.	2,961.00	987.00		1,974.00
	E1/2W1/2 & W1/2E1/2 L8	10-182	Premier Swine Genetics Ltd.	2,005.00	668.33		1,336.67
	E1/4 L8 & W1/2 L9	10-183	E. Molzan	2,786.00	928.67		1,857.33
	E1/2 L9	10-184	D. Werden	8,896.00	2,965.33		5,930.67
	S1/2 L10	10-185	J. Lassaline	9,308.00	3,102.67		6,205.33
	N1/2 L10	10-186	J. Lucan	9,035.00	3,011.67		6,023.33
	NW1/4 L11	10-18605	J. Lucan	4,850.00	1,616.67		3,233.33
	SW1/4 L11	10-187	J. Lucan	4,850.00	1,616.67		3,233.33
	E1/2 L11	10-188	N. McLachlin	9,325.00	3,108.33		6,216.67
	W1/2 L12	10-189	J. McLachlin	8,886.00	2,962.00		5,924.00
	E1/2 L12	110-190	F. Nemcek	3,842.00	1,280.67		2,561.33

Estimated Net Assessment (cont'd)

Conc.	Lot or Part	Roll No.	Owner	Total Assessment	Less Grant	Less Allowances	Net Assessment
Agricultural Land (cont'd)							
5	S1/2 L4	20-019	1036790 Ontario Inc.	1,607.00	535.67		1,071.33
	S1/2 L5	20-021	R. & M. MacDougall	2,142.00	714.00		1,428.00
	S1/2 L6	20-022	M. Martin	1,980.00	660.00		1,320.00
	N1/2 L6	20-023	C. Martin	1,833.00	611.00		1,222.00
	N1/2 L7	20-025	T. Martin	1,983.00	661.00		1,322.00
	S1/2 L7	20-026	J. Watson	1,989.00	663.00		1,326.00
	Npt. L8	20-028	1002192 Ontario Inc.	214.00	71.33		142.67
	Spt.W1/2 L8	20-027	A. MacDougall	1,898.00	632.67		1,265.33
	Spt.E1/2 L8	20-02701	D. MacDougall	1,904.00	634.67		1,269.33
	pt.Npt.Wpt. L9	20-02702	D. MacDougall	1,515.00	505.00		1,010.00
	Spt.Wpt. L9	20-029	1432234 Ontario Limited	1,226.00	408.67		817.33
	Ept. L9	20-030	M. Chalupka	1,351.00	450.33		900.67
	Npt.Wpt. L9	20-031	1002192 Ontario Inc.	107.00	35.67		71.33
	L10	20-033	M. Chalupka	18,695.00	6,231.67		12,463.33
	W1/2 L11	20-034	N. McLachlin	9,509.00	3,169.67		6,339.33
	E1/2 L11	20-035	J. McLachlin	9,509.00	3,169.67		6,339.33
	L12	220-036	RCH Family Farms Ltd.	14,285.00	4,761.67		9,523.33
6	S1/4 L6, C6 & Npt. L6, C5	20-055	D. & J. Van Damme	321.00	107.00		214.00
	S1/2N1/2 L6	20-056	C. Martin	171.00	57.00		114.00
	NE1/4 L6	20-05605	1950685 Ontario Limited	921.00	307.00		614.00
	SWpt. & SEpt. L7	20-057	C. Martin	1,611.00	537.00		1,074.00
	Npt.Wpt. L7	20-058	R. Patterson	867.00	289.00		578.00
	NEpt. L7 & NW1/4 L8	20-059	A. Meyer	2,856.00	952.00		1,904.00
	SW1/4 & E1/2 L8	20-060	10021920 Ontario Inc.	3,212.00	1,070.67		2,141.33
	NW1/4 L9	20-061	R. Martin	1,071.00	357.00		714.00
	NE1/4 L9	20-062	R. Patterson	1,071.00	357.00		714.00
	S1/2 L9	20-063	1002192 Ontario Inc.	2,142.00	714.00		1,428.00
	S1/2 L10	20-064	LaSalle Farms Ltd.	9,108.00	3,036.00		6,072.00
	N1/2 L10	20-065	C. Bell	9,701.00	3,233.67		6,467.33

Conc.	Lot or Part	Roll No.	Owner	Total Assessment	Less Grant	Less Allowances	Net Assessment
Agricultural Land (cont'd)							
6	W1/2 L11	20-066	D. & J. Van Damme	9,701.00	3,233.67		6,467.33
	E1/2 L11	20-067	G. Van Damme	9,701.00	3,233.67		6,467.33
	N1/2 L12	20-068	B. Goss	8,924.00	2,974.67		5,949.33
	S1/4 L12	20-069	B. Goss	4,861.00	1,620.33		3,240.67
	N1/2S1/2 L12	20-070	R. F. Patterson	4,656.00	1,552.00		3,104.00
7	NE1/4 L6	20-083	L. Douglas	836.00	278.67		557.33
	SE1/4 L6	20-082	S. Douglas	836.00	278.67		557.33
	S1/2 L7	20-084	1432234 Ontario Limited	2,142.00	714.00		1,428.00
	S1/2N1/2 L7	20-08405	Chapla Farms Ltd.	1,071.00	357.00		714.00
	N1/4 L7	20-085	L. Chapman Estate	799.00	266.33		532.67
	W1/2 L8	20-086	A. MacDougall	2,056.00	685.33		1,370.67
	E1/2 L8	20-08601	D. MacDougall	2,016.00	672.00		1,344.00
	W1/2 L9	20-087	G. Van Damme	8,568.00	2,856.00		5,712.00
	E1/2 L9	20-088	R. F. Patterson	9,701.00	3,233.67		6,467.33
	W1/2 & NE1/4 L10	20-089	Chapla Farms Ltd.	14,551.00	4,850.33		9,700.67
	SE1/4 L10	20-091	D. & J. Van Damme	4,850.00	1,616.67		3,233.33
	W1/2 L11	20-092	D. & J. Van Damme	9,701.00	3,233.67		6,467.33
	E1/2 L11	20-093	D. & J. Van Damme	9,701.00	3,233.67		6,467.33
	SW1/4 L12	20-094	R. J. Patterson	4,850.00	1,616.67		3,233.33
	SE1/4 L12	20-09405	J. Van Den Corput	4,366.00	1,455.33		2,910.67
S1/4N1/2 L12	20-09501	Bob & Laura Van Damme Farms	1,462.00	487.33		974.67	
N3/4N1/2 L12	20-096	1767077 Ontario Inc.	6,696.00	2,232.00		4,464.00	
8	S3/4 L6	20-107	L. Douglas	750.00	250.00		500.00
	S1/2 & NW1/4 L7	20-108	L. Chapman Estate	3,094.00	1,031.33		2,062.67
	NE1/4 L7	20-109	Chapla Farms Ltd.	1,049.00	349.67		699.33
	W1/4 L8	20-110	J. Douglas	1,071.00	357.00		714.00
	E1/2W1/2 & W1/2E1/2 L8	20-111	S. Douglas	1,938.00	646.00		1,292.00
	E1/4 L8	20-112	B. Podolinsky	969.00	323.00		646.00
	W1/4 L9	20-113	Piggybank Farms Inc.	969.00	323.00		646.00
	E1/2W1/2 L9	20-114	R. Podolinsky	1,012.00	337.33		674.67

Estimated Net Assessment (cont'd)

Conc.	Lot or Part	Roll No.	Owner	Total Assessment	Less Grant	Less Allowances	Net Assessment
Agricultural Land (cont'd)							
8	E1/2 L9	20-115	1432234 Ontario Limited	8,108.00	2,702.67		5,405.33
	W1/2 L10	20-116	D. MacKellar	9,701.00	3,233.67		6,467.33
	E1/2 L10	20-117	Piggybank Farms Inc.	9,701.00	3,233.67		6,467.33
	W1/4 L11	20-118	L. Gilroy	4,850.00	1,616.67		3,233.33
	E1/2W1/2 & W1/2E1/2 L11	20-119	1152513 Ontario Ltd.	9,701.00	3,233.67		6,467.33
	E1/4 L11	20-120	G. McGugan	4,850.00	1,616.67		3,233.33
	NW1/4 L12	20-121	D. MacKellar	4,850.00	1,616.67		3,233.33
	NE1/4 L12	20-122	1152513 Ontario Ltd.	4,560.00	1,520.00		3,040.00
	S1/2 L12	20-123	JVD Farms limited	9,509.00	3,169.67		6,339.33
Non Agricultural Land							
1	pt.S1/2 L6	10-01801	B. Friesen	192.00			192.00
	pt.W1/4 L8	10-01920	S. Kuehl	237.00			237.00
	Spt.E1/2W1/2 L8	10-02001	W. Faflak	323.00			323.00
2	pt.E1/2 L3	10-06605	J. Close	37.00			37.00
	pt.NW1/4 L7	10-07405	G. Hofer	43.00			43.00
	pt.NE1/4 L7	10-07505	L. Smith	42.00			42.00
	pt.S1/2 L7	10-07605	M. Zimmerman	34.00			34.00
	pt.S1/2 L9	10-08010	B. Kilbreath	62.00			62.00
4	pt.S1/2 L4	10-17510	A. Belan	64.00			64.00
	pt.E1/2 L7	10-181	R. Styve	76.00			76.00
	pt.N1/2 L10	10-18602	R. Gordon	63.00			63.00
	pt.N1/2 L10	10-19604	J. Lucan	73.00			73.00
5	pt.S1/2 L4	20-020	L. & A. Star Trading Inc.	105.00			105.00
	pt. L10	20-032	J. McKerlie	635.00			635.00
6	pt.Spt. L7	20-05701	E. Archer	185.00			185.00
	pt.S1/2 L10	20-06405	G. Edwards	288.00			288.00
8	pt.W1/2 L7	20-10801	L. Chapman	57.00			57.00
	pt.NE1/4 L7	20-10901	J. MacDonald	32.00			32.00
	pt.E1/2 L9	20-111501	M. Podolinsky	180.00			180.00

Estimated Net Assessment (cont'd)

Conc.	Lot or Part	Roll No.	Owner	Total Assessment	Less Grant	Less Allowances	Net Assessment
Public Lands: Roads							
			County of Lambton	6,678.00			6,678.00
			County of Lambton	2,603.00			2,603.00
			Municipality of Brooke Alvinston	1,157.00			1,157.00
			Municipality of Brooke Alvinston	1,958.00			1,958.00
			Municipality of Brooke Alvinston	5,133.00			5,133.00
			Municipality of Brooke Alvinston	2,617.00			2,617.00
			Municipality of Brooke Alvinston	3,829.00			3,829.00
			Municipality of Brooke Alvinston	15,410.00			15,410.00
			Municipality of Brooke Alvinston	15,410.00			15,410.00
			Municipality of Brooke Alvinston	254.00			254.00
Totals				\$849,659.00	\$251,270.67	\$85,929.00	\$512,459.33



2392 Little Ireland Rd
Alvinston, Ontario
Canada, N0N 1A0

Phone# 519-490-8075
ashparkins@hotmail.ca

Cherry Creek Drain and Cherry Creek Drain Branch

We Parkins Family Farms Ltd. Do not want crossing BM#1 to be replaced, we want it just removed. As we have access to both properties by roads and do not use or need this crossing. We access property 030-005 from Dobbyn Road, and 030-004 property from cox road.

Thank you,

Ashley Parkins- Parkins Family Farms Ltd.

519-490-8075

ashparkins@hotmail.ca

April 8, 2026

**MUNICIPALITY OF BROOKE-ALVINSTON
COMMITTEE OF ADJUSTMENT - APPLICATION A-002/26**

DECISION OF COMMITTEE WITH REASONS
The Planning Act, R.S.O. 1990, Section 45

Re: Application for LaSalle Pork Inc., in respect of 8282 LaSalle Line.
Municipality of Brooke-Alvinston

We, the undersigned, concur in the following decision and reasons for decision of the Committee of Adjustment for the Municipality of Brooke-Alvinston made on April 7, 2026.

DECISION:

GRANTED - Relief from the Zoning By-law to allow an addition to an existing livestock barn with MDS setbacks to adjacent properties being:

8316 LaSalle Line	+/- 263.6 metres
8273 LaSalle Line	+/- 281.0 metres
8323 LaSalle Line	+/- 308.0 metres
8363 LaSalle Line	+/- 489.0 metres

REASONS:

In the opinion of the Committee:

1. The Variances are minor in nature;
2. The intent of the Official Plan is maintained;
3. The intent of the Zoning By-law is maintained; and
4. The Variances are desirable for the appropriate development or use of the land, building or structure.

Craig Sanders

Don McCabe

Ken McGugan

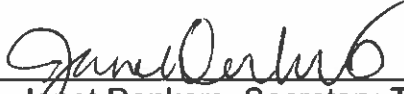
Christa Sawyer

Randy Hills

*** CERTIFICATION ***

I, Janet Denkers, Secretary-Treasurer of the Brooke-Alvinston Committee of Adjustment in the County of Lambton certify that the above is a true copy of the decision of the Committee with respect to the application recorded therein.

Dated this 7th day of April 2026.



 Janet Denkers, Secretary-Treasurer
 Brooke-Alvinston Committee of Adjustment

NOTICE FOR APPEALING TO THE ONTARIO LAND TRIBUNAL

To appeal the decision to the Ontario Land Tribunal, send a letter to the Secretary-Treasurer of the Brooke-Alvinston Committee of Adjustment outlining the reasons for the appeal. You must enclose the appeal fee of \$400.00 for each application appealed, paid by certified cheque or money order, made payable to the Ontario Minister of Finance.

Please note that Section 45 Subsection 17 of the Planning Act states that the Ontario Land Tribunal may dismiss all or part of an appeal without holding a hearing, on its own motion or on the motion of any party if,

- a) it is the opinion that:
 - i) the reasons set out in the notice of appeal do not disclose any apparent land use planning ground upon which the Tribunal could allow all or part of the appeal.
 - ii) the appeal is not made in good faith or is frivolous or vexatious, or
 - iii) the appeal is made only for the purpose of delay.
 - iv) the appellant has persistently and without reasonable grounds commenced before the Tribunal proceedings that constitute an abuse of process;
- b) the appellant has not provided written reasons for the appeal;
- c) the appellant has not paid the fee prescribed under the *Ontario Municipal Board Act*; or
- d) the appellant has not responded to a request by the Ontario Land Tribunal for further information within the time specified by the Tribunal.

NOTE: The last day for appeal of the above decision is the 27th day of April, 2026



Legal Services / Clerk's Department
789 Broadway Street, Box 3000
Wyoming, ON N0N 1T0

Telephone: 519-845-0801
Toll-free: 1-866-324-6912
Fax: 519-845-0818

April 9, 2026

DELIVERED VIA REGISTERED MAIL

The Municipality of Brooke-Alvinston
3236 River Road
Alvinston, ON N0N 1A0

Attention: Clerks Department

Re: Tower Site License Agreement for the "Alvinston Standpipe" between The Corporation of the County of Lambton (the "Licensee") and The Municipality of Brooke-Alvinston (the "Licensor") dated December 14, 2016, as amended by renewal agreement dated October 18, 2021, and as may be further amended from time to time (collectively, the "Agreement")

In accordance with Section 2 of the Agreement, the Licensee hereby provides notice to the Licensor of the Licensee's exercise of its option to renew the Agreement for a further 5-year term. With this renewal, the Agreement will now expire on December 30, 2031.

The Licensee acknowledges that the licensee fee payable is subject to an increase in accordance with the terms and conditions of the Agreement.

Should you have any questions, please do not hesitate to contact the undersigned.

Kind Regards,

Ryan Beauchamp
Assistant County Solicitor / Deputy Clerk

cc. Brad Goodhill, Lambton County Fire Coordinator
(warwickfire@warwicktownship.ca)

MUNICIPALITY OF BROOKE-ALVINSTON
MARCH

<u>PERMITS</u> <u>ISSUED</u>	<u>OWNER/CONTRACTOR</u>	<u>LOCATION</u>	<u>FEE</u>	<u>TYPE</u> <u>VALUE</u>
BP-26-006	Steven Johnston, owner 7572 Petrolia Line Alvinston, (erect drive shed) Cont: Mten Power Equipment Limited, Mar 12/2026 120-040-06904	7572 Petrolia Line Con 11, Pt Lot 14 RP25R10812, Pt 1	806.00	Agr/Con 100,000 544 m ²
BP-26-007	Taylor Oke, owner 7794 Rokeby Line, Alvinston (erect detached garage) Cont: owner, Mar 10/2026 120-030-17701	7794 Rokeby Line Con 9, S Pt Lot 16 RP25R2105, Pt 1	484.00	Non/Res 75,000 120 m ²
BP-26-008	Joe Triest, owner 3304 Elgin St, Alvinston (erect workshop for farm equipment) Cont: owner Mar 25/2026 120-030-00400	7574 Courtright Line Con 5, E Pt Lot 14	806.00	Agr/Con 375,000 428.1 m ²
BP-26-009	In Review			
BP-26-010	In Review			
BP-26-011	In Review			
BP-26-012	In Review			
BP-26-013	In Review			
BP-26-014	In Review			
BP-26-015	In Review			



BROOKE-ALVINSTON

APR 02 2026

RECEIVED

March 31, 2026

Public Works Department
Brooke-Alvinston Township
 PO BOX 28
 Alvinston, ON
 N0N 1A0

Subject: Remembering Paul Dalton

In response to a request made by the Lambton County Road Supervisors Association, Southwestern Sales Corporation Limited is proud to play a part in commemorating the life and work of Paul Dalton.

Paul's influence extended far beyond the roads he touched. He brought integrity, knowledge and a steady commitment to excellence. He was instrumental in creating a Granular material that became well known in our industry for being used extensively by Paul on the roads of Dawn-Euphemia Township.

The material known as Dawn Blend was the brainchild of Paul, the SWS group, and the Carmeuse operational and technical team, who contributed years of fine tuning until Paul was satisfied that this material was simply better than the rest.

Today, this material lines the surfaces of countless roads in Lambton County, and its use has spread to driveways, parking lots and trail pathways all over the County.

Paul's pride and dedication came through his roads, described as one of the best road systems in Ontario.

The loss of Paul was deeply felt across the entire Southwestern Sales organization. In recognition of the legacy he leaves behind, we are proud to honour him by renaming the Dawn Blend material and designating it as the "**Dalton Dawn Blend**".

This is more than a name change-it is a tribute to the foundation Paul helped build, quite literally and figuratively. Every tonne, every kilometer of road he touched will serve as a reminder of the strength, reliability and dedication that Paul embodied.

We are proud to be part of honouring Paul with this gesture. And we are excited to celebrate Paul as one of the heroes of our industry. He was an exceptional individual, a respected industry leader, a friend and a man whose contributions helped shape both our work and our community.

Yours truly,

Dan Barriault
 Vice President, Sales and Logistics
Southwestern Sales Corporation

Sales agents and brokers for bulk waterborne freight

100 Lesperance Road, Tecumseh, Ontario, N8N 1W1, Ph. (519) 735-9822, Fax (519) 735-1913

**Ministry of Municipal
Affairs and Housing**

Office of the Deputy Minister

777 Bay Street, 17th Floor
Toronto ON M7A 2J3
Tel.: 416 585-7100**Ministère des Affaires
Municipales et du Logement**

Bureau du sous-ministre

777, rue Bay, 17^e étage
Toronto (Ontario) M7A 2J3
Tél. : 416 585-7100

April 10, 2026

Memorandum to: Municipal Chief Administrative Officers, City Managers**Subject:** Municipal Buy Ontario Procurement Directive – Phased Implementation Dates

In the fall of 2025, the Ontario government introduced and enacted the *Buy Ontario Act (Public Sector Procurement), 2025*. This Act allows the government to issue procurement directives that require prioritizing Ontario/Canadian goods and services in public sector procurements.

To leverage public sector procurement spending to support Ontario's economy, workers and key sectors, municipalities and municipal entities—including local boards and wholly-owned municipal services corporations—are now prescribed as public sector entities under the Act. As a result, all these organizations will have to comply with the newly released Municipal Buy Ontario Procurement Directive.

We recognize the significant work municipalities do to deliver services and build infrastructure in your communities, and we appreciate your partnership as these new requirements are introduced.

Timelines for effective dates

The new Municipal Buy Ontario Procurement Directive will include requirements related to fleet vehicles and capital infrastructure. This applies to municipalities, local boards, and municipal services corporations on the following phased timeline:

Municipalities

- Fleet vehicles requirements: April 13, 2026
- Capital infrastructure requirements: May 15, 2026

Local boards and municipal services corporations (MSCs)

- Capital infrastructure and fleet vehicles requirements: June 1, 2026

To assist with implementation, guidance materials and other support resources are available on [Ontario.ca](https://www.ontario.ca) and [Supply Ontario's website](#) to help your organization understand the requirements and apply them consistently.

Actions required of municipalities

1. Municipalities should begin preparing procurement teams and internal stakeholders in advance of these effective dates. Additional guidance and supports, such as training sessions, will be provided to facilitate implementation.

2. Municipalities should inform applicable local boards and municipal services corporations of the Municipal Buy Ontario Procurement Directive and the phased effective dates above.

Questions related to implementation and support can be directed to doingbusiness@supplyontario.ca.

Yours truly,

Original Signed by

Martha Greenberg
Deputy Minister of Ministry of Municipal Affairs and Housing

c: Samantha Poisson, Deputy Minister, Ministry of Public and Business Service
Delivery and Procurement
Lindsay Jones, Executive Director, Association of Municipalities of Ontario – AMO



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1525 Cornwall Road
Oakville ON
L6J 0B2

president@municipalengineers.on.ca

March 29, 2026

Municipal Standards Harmonization Office (MSHO)

Subject: MEA Comments to Ontario Regulatory Registry 26-MTO003

We are writing to respond to Ontario Regulatory Registry 26-MTO003 - Harmonization of Municipal Road Construction Standards.

Municipal engineers play a vital role in planning, maintaining, renewing, and constructing municipal infrastructure. Their expertise spans all aspects of municipal infrastructure services - from design and construction to project management and leadership – ensuring the successful delivery of both small and large-scale capital infrastructure projects.

Through its membership, MEA provides specialized knowledge in all areas of municipal engineering in Ontario. In partnership with the Ministry of Transportation Ontario (MTO), MEA co-manages the Ontario Provincial Standards & Specifications (Municipal) and delivers training on Ontario Provincial Standards.

While we support the intent of the regulation to promote consistency, quality, and efficiency across municipal road construction projects, we recommend that additional consideration be given to the time and administrative burden associated with preparing, reviewing, and obtaining exemptions, as well as the cumulative impacts on project delivery arising from project-by-project assessments.

Exemption requests that require detailed technical justification across multiple evaluation criteria can take a considerable amount of time to prepare, particularly for complex or large-scale projects. This work frequently requires the involvement of senior engineering, technical, legal, and procurement resources, diverting limited capacity away from active project delivery. The time required to assemble a complete exemption request should therefore be recognized as a potential schedule, cost, and resourcing risk in its own right.

Equally important is the duration and predictability of the Minister's review and response timelines. When exemptions are assessed on a project-by-project basis without defined service standards or response timelines, projects may experience material delays while awaiting decisions. These delays can produce cascading impacts, including missed construction windows, contractor demobilization and remobilization costs, loss of price certainty, and increased exposure to supply-chain volatility. For time-sensitive or critical



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infrastructure projects, even relatively short delays in regulatory decision-making can result in disproportionate impacts to project schedules and budgets.

To better reflect these realities, we recommend that the exemption framework explicitly consider additional criteria, including:

- Administrative and decision-cycle timelines, including the anticipated time required for review and approval and the impact of uncertainty on project planning and procurement;
- Cumulative impacts across multiple projects, particularly where similar exemption requests are repeatedly submitted for comparable project types or conditions;
- Schedule dependency and critical path impacts, including whether delays in exemption approval would directly affect construction sequencing, seasonal work constraints, or contractual obligations; and
- Consistency and precedent considerations, whereby prior approvals for similar circumstances could support streamlined or standardized decision-making, rather than requiring repetitive project-level analysis.

Incorporating these considerations would help ensure that the exemption process supports timely and efficient project delivery while still meeting regulatory objectives. Clear expectations regarding submission requirements and response timelines, as well as opportunities for programmatic or category-based exemptions where appropriate, would significantly reduce risk to project schedules and budgets without compromising safety, performance, or sustainability outcomes.

Looking ahead, and assuming the Ministry is able to successfully deliver the current list of harmonized standards within the proposed timeframe, we agree that the remaining OPSS.MUNI standards should be prioritized for future harmonization based on where the greatest time, cost, and administrative efficiencies can be achieved. In our view, this would include:

- Standards with the highest frequency of use across municipalities, where harmonization would reduce repetitive project-specific reviews, municipal deviations, and contract amendments;
- Standards that routinely generate exemptions, interpretations, or disputes, indicating inconsistency or misalignment that drives additional design effort, approval cycles, or delays;
- Standards that significantly affect project schedules or cost certainty, including those related to materials, construction methods, or inspection requirements that influence procurement and delivery timelines;



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- Standards that overlap or interact closely with those already harmonized, where alignment would enhance system coherence and reduce unintended conflicts or inefficiencies; and
- Standards that affect regional or multi-jurisdictional projects, where inconsistent requirements currently increase coordination challenges and administrative complexity.

A transparent, phased approach, supported by demonstrated progress on the initially harmonized standards, would help ensure that future harmonization efforts are achievable and deliver tangible benefits. Clearly articulating how the Ministry will complete the current scope, and how lessons learned will inform the prioritization of remaining standards, will be essential to achieving intended efficiency gains without overextending implementation capacity.

Thank you for the opportunity to comment on this important initiative. We would welcome continued engagement as the regulation is refined and implemented.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Penelope Palmer', with a long horizontal flourish extending to the right.

Penelope Palmer, P. Eng.,
MEA President 2025 – 2026
(Manager, Strategic Initiatives
Strategic Capital Coordination Office
City of Toronto)



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March 29, 2026

Municipal Standards Harmonization Office (MSHO)

Subject: Harmonization of Municipal Road Construction Standards and Associated Governance Model

On behalf of the Municipal Engineers Association (MEA) and our municipal members, we acknowledge the Ministry of Transportation of Ontario's (MTO) ongoing efforts to maintain and modernize the Ontario Provincial Standard Specifications (OPSS). As partners and co-stewards of the OPSS, the MEA recognizes the importance of ensuring these standards remain current, effective, and responsive to the evolving needs of infrastructure delivery across Ontario.

The Municipal Engineers Association (MEA) is a non-profit organization representing more than 1,300 professional engineers working across 110+ Ontario municipalities, along with engineers from provincial agencies, conservation authorities, and consulting firms serving smaller municipalities. With a history spanning over 60 years, MEA was formed through the amalgamation of the City Engineers Association and the County Engineers Association. The association supports excellence in municipal engineering, recognizing the critical role municipal engineers play in planning, delivering, maintaining, and renewing infrastructure. The MEA provides specialized expertise across all areas of municipal engineering and, in partnership with the Ontario Ministry of Transportation (MTO), co-manages the Ontario Provincial Standards & Specifications (Municipal) and delivers related training across the province.

The long-standing success and credibility of the OPSS has been built on a collaborative partnership between the MTO and the MEA, grounded in co-stewardship, shared accountability, and balanced provincial and municipal technical expertise. The recent unilateral actions by the Ministry are inconsistent with the principles of partnership, and collaboration that have historically underpinned the success of the OPSS. Successful change and adoption cannot be achieved without first defining the problem, evaluating solutions and their consequences, and engaging partners through meaningful consultation.

The MEA has significant concerns regarding both the process and substance of the proposed harmonization of standards, including the lack of meaningful engagement with MEA and other municipal stakeholders, and the absence of a clear, shared understanding of the issues driving these proposed changes. These concerns are material and must be addressed if the changes are to be successfully implemented, broadly adopted, and supported over the long term.



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Problem Definition, Need for Evidence and Supporting Data

At present, it is unclear what problems or deficiencies the MTO perceives to exist within the current OPSS framework. The MEA and its members are not aware of systemic failures or performance issues that would warrant the breadth, scale, or urgency of the changes being proposed. It is also unclear how these changes are expected to lead to reduced costs, improved efficiency, or better outcomes.

The MEA respectfully requests that the MTO clearly identify the concerns with the current framework, and share any analysis, metrics, benchmarking, or other evidence used to justify the anticipated benefits of the proposed modernization. Municipalities are concerned that the proposed changes will likely increase administrative burden, project complexity, and overall costs rather than achieve the intended efficiencies.

There are legitimate questions being raised about how a one-size-fits-all approach can successfully address the diversity of municipal conditions and requirements across Ontario. There is also apprehension that additional approval steps, reporting requirements, and governance layers will likely introduce project delays, uncertainty, and higher delivery costs without demonstrated public or operational benefit.

Clarification on the Modernized Governance Framework

The MEA respectfully requests clarification on how the proposed governance framework differs in a meaningful way from the current model. Municipal and industry engagement, along with technical input into standards development and review, already occurs through established existing technical committees, working groups, and consultation processes.

To build understanding and confidence, MTO must clearly articulate the added value of the proposed approach, including:

- What new roles, authorities, or decision-making structures would be introduced;
- What changes are anticipated in how standards are prioritized, approved, or updated; and
- How the proposed model will measurably improve efficiency, cost-efficiency, transparency, or consistency compared to the existing framework.

Annual Reporting, Exemptions and Compliance

The MEA understands the proposed framework would require mandatory annual reporting to the MTO including the introduction of a new approval process for exemptions. There are significant concerns related to the administrative burden these processes will put on municipalities, which will in turn affect their ability to deliver



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projects and programs successfully in any given budget cycle. The administrative effort this approval process creates, without understanding the process, review requirements or timelines, is not demonstrative of an overall benefit. Clarity on these matters is essential. An opaque or slow exemption process introduces material risk to project delivery, schedules, costs, and contractual certainty.

Further clarification on annual reporting collection is essential to understanding the purpose and anticipated outcomes. Specifically, the MEA is requesting more information on the following:

- The specific purpose of the reporting;
- How the data will be used to inform decisions or policy;
- How reporting will account for local context and project complexity; and
- Will the reporting be the basis to track compliance.

Further clarification on the exemption process is perhaps even more essential, as it presents an even greater risk to successful project delivery if the process is overly burdensome, lengthy and lacks defined service standards. Expectations and timelines will need to be factored when municipalities are building programs for infrastructure renewal and rehabilitation. Even at these early stages, municipalities are flagging risks with their ability to deliver Council approved commitments if the exemption process is not clearly defined, and is not well supported. It is imperative that the MTO clarify the following:

- How exemptions will be reviewed and approved;
- Who will sit on the review panel and how municipal representation will be ensured;
- What service standards or timelines will apply to exemption decisions;
- Would an Ontario municipality continue to be recognized as a sponsor for new or revised standards when requests originate from a non-member; and
- What penalties or consequences are contemplated for non-compliance.

A one-size-fits-all approach does not reflect the realities of infrastructure delivery across Ontario. Municipalities operate under widely differing conditions, including climate, geography, asset profiles, operational constraints, material and labour market availability. Effective standards must allow flexibility to account for these differences if they are to be practical, efficient, and consistently applied province-wide.

In this context, the MEA and several municipalities have raised the need for blanket or standing exemptions in certain circumstances where efficiency can be demonstrably improved without compromising safety or performance. Requiring repeated case-by-case exemption requests for well-understood, low-risk municipal practices is viewed as inefficient and counterproductive. A model that combines clear standards



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with appropriate flexibility and blanket approvals would better reflect local conditions and established municipal engineering practices while maintaining safety and performance.

Broader Impacts Across the Infrastructure Delivery Sector

While municipalities are directly affected, it is important to underscore that these proposed changes have far reaching implications beyond municipal owners alone. Designers, consulting engineers, contractors, suppliers, and other industry partners will also be impacted through changes to standards, approvals, contract administration, project schedules, and risk allocation. Successful modernization must therefore consider the full infrastructure delivery ecosystem, not solely municipal compliance obligations.

Partnership, Co-Stewardship, and Governance

The absence of the MEA from MTO's proposed development, roll-out and implementation of a standardized OPSS has raised concerns that the framework will shift toward a centralized, MTO-led model and will no longer function as a true partnership or co-stewardship.

The MEA requires clarity on how our role as co-steward will be explicitly protected and embedded within the proposed governance structure. Without a clearly defined, formalized role in decision-making and oversight, municipal confidence in the governance framework will be significantly undermined.

Further, the MEA seeks immediate clarification on the future role of the existing MTO/MEA specialty committees. These committees provide critical technical review, municipal insight, and issue resolution. It is uncertain whether they will be replaced, duplicated, or marginalized under the new framework, and how authority and accountability will be allocated going forward.

Path Forward and MEA's Ongoing Role

In the spirit of collaboration, the MEA offers the following constructive proposal to support a more effective and broadly supported outcome:

- Pause implementation to allow time for a shared understanding of the issues MTO is seeking to address and to explore whether alternative, more effective solutions exist;
- Pursue targeted harmonization, recognizing that some alignment is beneficial while preserving local flexibility. This should include the use of standardized



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requirements where appropriate, complemented by blanket or standing approvals to reduce repetitive exemption requests;

- Map proposed review, approval, and reporting processes in detail and work collaboratively to identify and address pressure points before implementation;
- Establish a provincial working group, with representation from MEA members, MTO staff, and subject matter experts across Ontario, to identify priorities, risks, and opportunities from multiple perspectives;
- Engage consultants and contractors to understand how proposed changes will affect design, construction, procurement, and risk allocation and
- Ensure the process is not rushed, recognizing that thoughtful, inclusive development is essential to achieving sustainable and credible outcomes.

The MEA remains committed to the success of OPSS and to working collaboratively with MTO. However, meaningful partnership requires transparency and evidence-based decision-making, appropriate inclusion in governance, and genuine shared stewardship aligned with municipal realities.

Should the MEA continue to be excluded from the governance model or from substantive decision-making related to OPSS, the MEA will need to re-evaluate its role, partnership, and level of support for the framework moving forward. Our strong preference is to address these issues proactively through dialogue, collaboration, and shared clarity around roles and objectives. Providing the requested data, clarifying governance roles, addressing exemption and compliance concerns, and slowing implementation to allow proper consultation are necessary first steps.

The MEA welcomes the opportunity for prompt discussion and looks forward to working collaboratively to ensure any changes to OPSS strengthen—rather than undermine—the confidence, effectiveness, and partnership that have long defined its success.

Sincerely,

A handwritten signature in blue ink, appearing to read 'Penelope Palmer', with a long horizontal flourish extending to the right.

Penelope Palmer, P. Eng.,
MEA President 2025 – 2026
 (Manager, Strategic Initiatives
 Strategic Capital Coordination Office
 City of Toronto)

BRIEFING NOTE
**OPSS Modernization &
 Harmonization Concerns**



TO: Ministry of Transportation of Ontario (MTO)

FROM: Municipal Engineers Association (MEA)

DATE: Tuesday, March 31, 2026

PURPOSE

To convey the MEA's significant concerns regarding the process and substance of MTO's proposed harmonization of the Ontario Provincial Standard Specifications (OPSS), and to request meaningful engagement before implementation proceeds.

BACKGROUND

The OPSS has long been grounded in a collaborative co-stewardship model between MTO and the MEA. Recent unilateral actions by MTO, without prior consultation with municipal stakeholders, are inconsistent with that partnership and risk undermining confidence in the framework. Successful change cannot be achieved without first defining the problem, evaluating solutions, and engaging partners through meaningful consultation.

KEY CONCERNS

1 LACK OF PROBLEM DEFINITION & EVIDENCE

The MEA is unaware of systemic failures in the current OPSS framework justifying the scale or urgency of proposed changes. MTO has not shared analysis, metrics, or benchmarking to support anticipated benefits. Municipalities expect the changes will increase, not reduce, administrative burden and project costs.

2 GOVERNANCE CLARITY & CO-STEWARDSHIP

It is unclear how the proposed model meaningfully differs from the current one, or how the MEA's co-stewardship role will be formally protected. The future of existing MTO/MEA technical committees, which provide critical municipal insight and issue resolution, remains uncertain.

3 EXEMPTIONS & ANNUAL REPORTING

Mandatory reporting and a new exemption approval process introduce material risk to project delivery. Without defined timelines and service standards, municipalities cannot reliably plan Council-approved programs. Blanket exemptions should be available for well-understood, low-risk practices.

4 ONE-SIZE-FITS-ALL LIMITATIONS

Ontario municipalities operate under widely varying conditions including climate, geography, asset profiles, and labour markets. Effective standards must allow appropriate local flexibility to be practical and consistently applied province-wide. A uniform approach risks being neither efficient nor effective.

REQUESTED ACTIONS

- ▶ **Pause implementation** to allow shared problem definition and evaluation of alternatives before proceeding.
- ▶ **Share supporting evidence** including analysis, metrics, and benchmarking used to justify the proposed changes.
- ▶ **Clarify the governance model** and formally embed the MEA's co-stewardship role within the new structure.
- ▶ **Define the exemption process** including review timelines, panel composition, and measurable service standards.
- ▶ **Establish a joint provincial working group** with municipal, MTO, consultant, and contractor representation.

CONCLUSION

The MEA remains committed to the OPSS and to working collaboratively with MTO. Should the MEA continue to be excluded from substantive governance decisions, it will need to re-evaluate its role and level of support for the framework. Transparent, evidence-based, and inclusive engagement is essential to any modernization that strengthens, rather than undermines, the credibility and effectiveness of the OPSS.

Good afternoon,

The Ministry of the Environment, Conservation and Parks invites you to take part in **Ontario's 7th annual Provincial Day of Action on Litter on Tuesday, May 12, 2026**.

Every year, this event brings together communities, businesses and organizations across the province to help build a greener, cleaner and more sustainable environment for our communities today and for future generations.

Litter can enter our waterways and break down into microplastics, harming wildlife and damaging entire ecosystems. By coming together through local cleanups and promoting waste reduction, we can make a meaningful impact.

Organizations like yours play a pivotal role in making the 2026 Day of Action on Litter another success. Here's how you can get involved:

1. **Promote participation**
Encourage your networks to join local cleanup and help raise awareness about the impacts of litter. Use the [Day of Action on Litter Toolkit](#) for ready-to-use resources like tips and sharable photos and to help with promotion.
2. **Host a cleanup**
Organize a litter cleanup on or around May 12 and invite the public, volunteers, employees or members to participate.
3. **Share cleanup resources**
Help spread the word about the [Litter Cleanup Guides](#) which include planning tools, safety tips and activities for schools and youth.
4. **Amplify on social media**
Share before and after pictures of your cleanup and use the hashtag #actONlitter.

You can also follow @ONenvironment on [Facebook](#), [X](#), [LinkedIn](#) and [Instagram](#) for shareable content.

Here are some ideas to help boost participation:

- **Create a fun, friendly competition:** Turn the cleanup into an exciting contest! Split participants into teams and offer fun awards like Most Creative Litter Find or Most Enthusiastic Team.
- **Partner with local partners:** Join forces with nearby neighborhoods, local businesses and organizations to expand reach and impact.

On May 12, let's come together for the Day of Action on Litter. Together, we can help make Ontario cleaner, healthier and more sustainable today and for future generations.

If you have any questions, please contact us at actONlitter@ontario.ca or visit [Act on Litter | ontario.ca](https://actonlitter.ontario.ca) for more information.

Thank you for your support and for contributing to a cleaner environment.

The Day of Action on Litter Team
Ministry of the Environment, Conservation and Parks



Ontario
Energy
Board | Commission
de l'énergie
de l'Ontario

BY EMAIL

April 17, 2026

TO: All Municipalities
All Natural Gas Utilities
Frequent Intervenors
Information Session Participants

**Re: 2026 Generic Proceeding to Review the Model Franchise Agreement
Extension of Intervention Deadline
Ontario Energy Board File Number: EB-2026-0009**

The Ontario Energy Board (OEB) wishes to thank all municipalities, gas utilities, and other interested parties who attended the recent municipal franchise generic proceeding information session on April 15, 2026. The high level of engagement and thoughtful questions underscored the importance of this proceeding and the value of broad participation.

As explained in the [Notice of Hearing](#), municipalities, gas utilities, and other interested parties who wish to actively participate in this proceeding must apply for intervenor status and, where applicable, cost eligibility using the [OEB's online Intervention Form](#).

Following the information session, the OEB noted a common concern that some municipalities may be unable to meet the pre-established deadline for requesting intervenor status in this proceeding. In response to this concern, the OEB is extending the deadline to apply for intervenor status to **May 1, 2026**.

The OEB also acknowledges comments from various municipalities regarding potential challenges for active municipal participation in this proceeding due to the upcoming municipal election cycle. The OEB intends to consider this in designing its procedural schedule, which will be issued at a later date.

The commissioners assigned to this proceeding are: David Sword (presiding), Robert Dodds, and James Sidlofsky.

- 2 -

Should you have any questions regarding this proceeding, please contact Natalya Plummer at natalya.plummer@oeb.ca.

Yours truly,

Ritchie Murray
Registrar

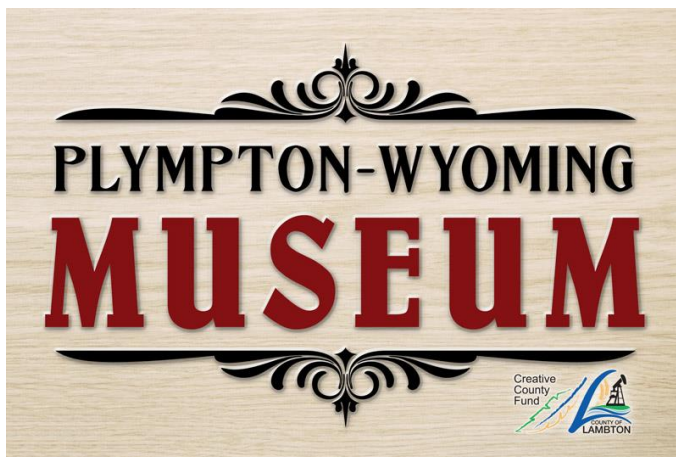


Next Meeting:

Thursday, April 23, 2026

Time: 7 pm

Plympton Wyoming Museum at 6745 Camlachie Rd., Camlachie

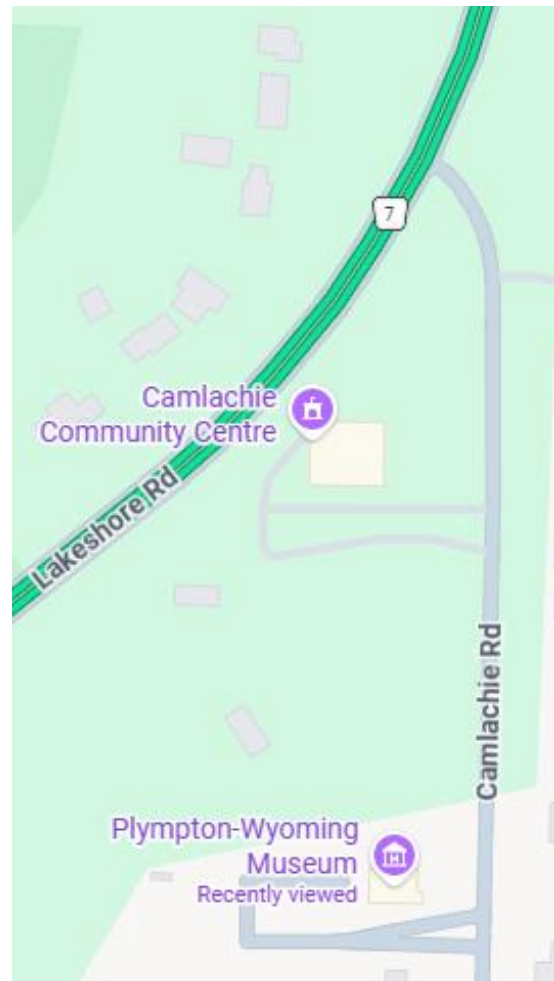


We will meet at the Plympton-Wyoming Museum at 7 pm on April 23 for a tour and an update on new projects and events at the Museum.

Following the tour, you may move your cars over to the Camlachie Community Centre, and we will have our business meeting with refreshments to follow.

We are still organizing our fall meetings, and our dinner meeting is likely going to change to a potluck or a barbecue hosted at a local venue.

Please send in your heritage events to wm_moran@hotmail.com so we can help promote the event on Facebook and have our members attend.





MINUTES OF THE MEMBER'S MEETING – ANNUAL GENERAL MEETING - MARCH 26, 2026

These minutes need to be approved by the membership and will be included in the package for the next member's meeting in March 2027.

Gordon and Margaret Perry arranged the use of the Oil Springs United Church for our meetings (the members' meeting and our regular March meeting that followed)

The Agenda for the 2026 AGM was presented, motion by Keith Radiboux to accept, seconded by Ron Urry. **CARRIED.**

The minutes from the 2025 AGM were reviewed, motion by Keith Radiboux to accept, seconded by Ron Urry. **CARRIED.**

The financial statements for the year were presented by the treasurer, Jen DeWitt. Motion to accept made by Marie Stephenson, seconded by Ron Urry. **CARRIED.**

A report from the examiners of the Society's financial books and statements was presented by Margaret Perry and Marie Stephenson. No issues found. Motion made to accept the report was made by Margaret Perry and seconded by Marie Stephenson. **CARRIED.**

A motion to reappoint Margaret Perry and Marie Stephenson to examine this year's financial records was made by Gordon Perry and seconded by Keith Rabidoux. **CARRIED.**

The one-year term of all the directors expired, and all once again stood for nomination to remain on the board. Nominations were made by Margaret Perry, seconded by Ron Urry. One vote was held to affirm the directors, and it was unanimous. The five directors are: Deb Narr (president/chair), Marie Stephenson (vice-president), Bill Moran (secretary), Jen DeWitt (treasurer), and Gordon Perry (director). Bill will take care of publicity and the Facebook page, and Gordon Perry will take care of publications, assist with publicity and take care of the education award program.

As part of the Treasurer's report, it was mentioned that the GIC's held at TD Bank are coming up for renewal. A motion was made to renew the GICs at prevailing rates for 2 years and to add a small amount of money to round the principal to an even \$3,000. Moved by Deb Narr, seconded by Florence Hall. **CARRIED.**

A notice of motion, as per the meeting agenda, had been made by the Bylaw Committee to rename the Lambton County Historical Society Bursary to the Lambton County Historical Society Higher Education Award. The motion was made by Margaret Perry and seconded by Glenda Young. A discussion was held about students' residency within the County and the fact that many attend schools outside Lambton's boundaries because of the distances to Sarnia and Petrolia. We recognize that this is now a gift of the Society and will be given to a student enrolled in Lambton County schools, or are residents of the County. It does not need to be used to study history and is not dependent on family income. After the discussion, a vote was taken. **CARRIED.**

The meeting was adjourned, and by a motion by Gordon Perry, the April 2026 meeting was commenced.



A Pesha view of downtown Oil Springs around the turn of the century. There is lots of mud and no automobiles, or horses for that matter. Louis James Pesha took photos mainly in Eastern Michigan and Lambton County from about 1899 until his death in an automobile accident in 1912.



Minutes from the April 26, 2026 (regular monthly) meeting – Oil Springs United Church

President Deb Narr opened the regular meeting. The minutes of the October meeting held in Sarnia were reviewed. Motion to accept made by Gordon Perry, seconded by Elsie Urry. **CARRIED.**

Treasurer's Report:

A report from the treasurer showed the balances in the general account: \$9,989.35. Of that, \$6,961.03 was the publishing & distribution portion and \$2,124.20 for the bursary/higher education award fund. Motion to accept by Gordon Perry, seconded by Elsie Urry. **CARRIED.**

Secretary's Report:

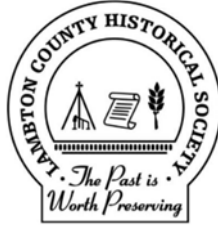
The secretary's report outlined what had been done in the previous year and the progress in setting up the meetings for this year, with the April, May and June meetings being finalized. Work still needs to be done to arrange August, September and October. Motion to accept by Marie Stepheson and seconded by Bill Moran. **CARRIED.**

New Business:

The new business consisted of a donation of \$200 to the Oil Springs United Church for the storage of our books. Motion by Glenda Young, seconded by Marjorie Cummings. **CARRIED.**

Keith Rabidoux told the ground that the Sarnia Heritage group was successful in their bid to host the Ontario Heritage Conference in early June 2027. The group will request assistance as its plans evolve. This year, Hamilton is hosting the three-day conference this year from Thursday, June 18 to Saturday, June 20.

On a motion by Marjorie Cummins, the meeting was adjourned at about 8:50 pm.



Lambton County Historical Society
April Meeting Agenda

Thursday, April 23, 2026

Time: 7 pm

Plympton Wyoming Museum at 6745 Camlachie Rd., Camlachie

- Opening by the President
- Review minutes of the previous October meeting
 - Errors or omissions
- **Treasurer Report:**

Publishing Record \$ _____	Total Balance \$ _____
Bursary Record \$ _____	Annual Balance \$ _____
- **Secretary Report:**
- **New Business:**
- **Unfinished business:**
 - To be determined
- **Upcoming County Happenings:**

Brooke-Alvinston	Petrolia	Warwick
Dawn-Euphemia	Plympton-Wyoming	Lambton Shores
Enniskillen	Sarnia	
Oil Springs	St. Clair North	St. Clair South
- **Attendance:**
- **Next meeting:** Wilkesport United Church, 3214 Mill St., Wilkesport
- **Closing by the President**

Dates for 2026 Meetings

- May 21st; St. Clair South – Wilkesport United Church, 3214 Mill St. Wilkesport
- June 25th; Lambton Heritage Museum - 10035 Museum Rd, Grand Bend
- August 27nd; -- to be organized
- September 24th; to be organized
- October 22nd; to be organized



-FOR IMMEDIATE RELEASE-

Monday, April 20, 2026

IPM Volunteer Information Nights Coming to Alvinston, Point Edward and Wilkesport

Brigden, ON – People looking to learn more about volunteer opportunities at next year's International Plowing Match (IPM) and Rural Expo coming to Lambton County, will have an opportunity to hear more at three Volunteer Information Nights scheduled for Alvinston, Point Edward and Wilkesport.

Volunteer Information Nights will be held on the following dates at the following locations:

Tuesday, April 28, 2026

6:30 pm

Wilkesport Community Centre Meeting Room,
1622 Baby Line, Wilkesport, ON

Wednesday, April 29, 2026

7pm

Alvinston Legion
3259 Nauvoo Road, Alvinston, ON

Wednesday, May 6, 2026

6pm

Tourism Sarnia-Lambton
1455 Venetian Blvd., Point Edward, ON

International Plowing Match & Rural Expo
September 21–25, 2027
Brigden, Lambton County, Ontario

plowingmatch.org/ipm2027
ipm2027@plowingmatch.org
© f ipm2027

At each of the Volunteer Information Sessions, attendees will hear about the various volunteer roles that are available as the Committee works to plan the 2027 IPM, to be held in Brigden, Ontario.

Pre-registration for Volunteer Information Night is not required.

The 2027 IPM will be held in Lambton County from September 21 to 25, 2027. This one-of-a-kind celebration of agriculture and rural life offers visitors the opportunity to learn about agriculture, take in entertainment, watch plowing competitions, conduct agricultural business and meet new and old friends.

This year's IPM will be held in Bruce County from September 22 to 26, 2026.

For more information, visit <https://www.plowingmatch.org/ipm2027/>.

-30-

Contact:

Dennis Bryson, 2027 Local Committee Chair
Telephone: 519-872-9485
email: dennisipm2027@gmail.com

The Honourable Doug Ford
Premier of Ontario
Legislative Building
Queen's Park
Toronto, ON M7A 1A1

March 25, 2026

Re: Time-Sensitive: Strengthening Municipal Accountability and Public Trust (Bill 9)

Dear Premier Ford,

When we met in Sarnia last August, we discussed Bill 9 and its intent to strengthen municipal accountability. At that time, I affirmed my support for the province's effort to move this legislation forward. The fundamental principles of Bill 9 are sound and provide an important foundation; however, the Bill requires a significant change before it becomes law.

The introduction of a standardized code of conduct and the proposed integrity commissioner reforms are positive and necessary steps forward. However, based on more than four decades of experience in municipal politics, I believe the Bill's greatest flaw lies in its mechanism for removing councillors in **serious cases of misconduct**. Requiring local councils to participate in the removal of a peer, particularly through unanimous agreement, places councils in an inappropriate and untenable position. On matters of serious contention, unanimity is rarely achievable, rendering the mechanism effectively futile. This approach undermines both fairness and public confidence and fails to provide municipalities with a meaningful ability to act in extreme cases.

In circumstances of this magnitude, decisions should not rest with a council. Instead, such matters should be heard and ruled upon by an independent, non-partisan authority, removed from local political dynamics and capable of making impartial determinations in the public's interest.


If the provincial government intends to maintain municipal councils' responsibility for adjudicating such decisions, the threshold for action must be revised. A two-thirds majority, or a simple majority of council excluding the subject member, would provide a more reasonable, fair, and workable standard.

This is a time-sensitive issue, and the need for action is becoming more urgent as municipalities continue to encounter situations they are powerless to address. Without meaningful change, the current conditions and lack of adequate protection will have a chilling effect on those considering public office at the municipal level. Capable, community-minded individuals may be discouraged from seeking election if there is no effective independent mechanism to address extreme misconduct, protect the integrity of council and the well-being of the community.

I am copying this letter to mayors and councils across Ontario in the hope that they will also raise their voices on this matter before the legislation is finalized, to ensure this serious flaw is addressed in what is otherwise an important and necessary piece of legislation for the Province of Ontario and its municipalities for the 2026-2030 council term of office.

Thank you for your consideration. I would welcome the opportunity to discuss these concerns and possible paths forward at your convenience.

Sincerely,



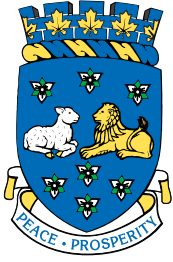
Mike Bradley
Mayor, City of Sarnia



Cc: The Honourable Rob Flack, Minister of Municipal Affairs and Housing
John Fraser, MPP, Interim Leader, Ontario Liberal Party
Marit Stiles, MPP, Leader of the Official Opposition, Ontario NDP Party
Bob Bailey, MPP for Sarnia-Lambton
Association of Municipalities of Ontario (AMO)
Mayor and Council for municipalities across Ontario
Sarnia City Council
Lambton County Council
City of Sarnia Senior Management

255 Christina St N
Sarnia ON N7T 7N2

P: 519-332-0330 ext. 3312 F: 519-332-3995 mayor@sarnia.ca www.sarnia.ca



April 2, 2026

Hon. Sean Fraser

Minister of Justice and Attorney General of Canada
 Legislative Building
 284 Wellington Street
 Ottawa, Ontario K1A 0H8

Dear Minister Fraser:

Re: Notice of Motion, Councillor C. James re: Community Safety and Well-Being Plan

Please be advised that the Council of the Regional Municipality of Waterloo at their regular meeting held on March 25, 2026, approved the following motion:

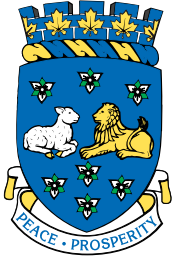
Whereas the Region of Waterloo's Community Safety and Well-Being Plan, developed under the requirements of the Community Safety and Policing Act, identifies systemic racism, hate, and discrimination as critical risk factors impacting community safety, belonging, and well-being;

And whereas the display of a noose is widely recognized as a symbol of racial terror, violence, and intimidation, particularly against Black communities, rooted in the history of anti-Black racism;

And whereas symbols of hate, when displayed publicly, contribute to fear, trauma, and exclusion, and undermine the Region's commitments to equity, inclusion, and proactive prevention within its Community Safety and Well-Being Plan;

And whereas the Government of Canada has introduced Bill C-9 to strengthen tools to address hate-motivated offences, including provisions related to the public display of certain hate symbols;

And whereas the current draft of Bill C-9 does not explicitly include the noose as a prohibited symbol, despite its well-



REGIONAL MUNICIPALITY OF WATERLOO

OFFICE OF THE REGIONAL CLERK

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 Fax: 519-575-4481
www.regionofwaterloo.ca

documented use as an instrument of racial intimidation and its direct relevance to community safety and well-being outcomes;

And whereas addressing hate symbols through federal legislation complements municipal efforts by strengthening upstream prevention, reducing harm, and supporting safer, more inclusive communities;

Therefore be it resolved that:

- 1. The Regional Municipality of Waterloo formally request that the Government of Canada amend Bill C-9 to explicitly include the noose as a prohibited hate symbol within the legislation;**
- 2. This motion be circulated to all Ontario municipalities, the Federation of Canadian Municipalities (FCM), and the Association of Municipalities of Ontario (AMO) for endorsement and support as a measure that strengthens community safety and well-being across jurisdictions.**

Please accept this letter for information purposes only. If you have any questions, please contact Councillor C. James, CJames@regionofwaterloo.ca.

Regards,

Michael Oliveri
 Legislative Services Specialist
 Region of Waterloo

cc: All Ontario Municipalities, the Federation of Canadian Municipalities (FCM), the Association of Municipalities of Ontario (AMO)



Monday, April 20, 2026

Premier of Ontario
 Hon. Doug Ford
 Legislative Building, Queen's Park
 Toronto ON M7A 1A1
 Sent via email: premier@ontario.ca

Re: Support of Finlay's Law on Emergency Room Reform

At its regular meeting on April 10, 2026, the Western Ontario Wardens' Caucus adopted the following motion in support of Finlay's Law on Emergency Room Reform:

#11 Moved by D. Bailey seconded by B. Clark:

WHEREAS growing pressures across the Ontario healthcare system are increasing patient volumes in emergency rooms (ER), requiring more complex care, and contributing to longer patient wait times in ERs for residents in Ontario's largest municipalities; and

WHEREAS Health Quality Ontario data from October 2025 reports that patients needing admission to the hospital waited an average of 19-20 hours, with high-urgency patients waiting close to 5 hours on average to be seen by a physician; and

WHEREAS in December 2023, the Auditor General of Ontario reported that significant hospital staffing shortages were reducing access to timely emergency care; and

WHEREAS the Financial Accountability Office of Ontario reported in March 2023 that ER wait times were increasing significantly with the longest wait times recorded in over 15 years and that provincial funding was \$21.3 billion short to maintain current health programs through 2028; and

WHEREAS according to the Ontario Hospital Association (OHA), Ontario has had the lowest per capita hospital expenditure in Canada since 2018; and

WHEREAS according to the OHA, approximately 4,200 alternate level care (ALC) patients remain in acute beds (40% awaiting long term care), worsening ER delays; and

WHEREAS Canadian ER researchers have highlighted that between 8,000 and 15,000 Canadians die prematurely as a result of ER overcrowding; and

WHEREAS reports of patients dying in crowded ERs across Canada are increasing, such as 16-year-old Finlay van der Werken who waited over 8 hours in an Oakville ER without being seen by a physician and tragically passed away on February 9, 2024 from pneumonia that developed into sepsis; and

WHEREAS ER delays are contributing to excessive ambulance offload times, adding undue strain on response capacity of municipal paramedic services across Ontario; and

WHEREAS the Provincial Government has taken important steps to improve health care in Ontario, however additional funding and staffing resources for hospitals to reduce ER wait times and increase capacity to provide timely access to care for all patients in ER's remains critical; and

WHEREAS despite growing concerns regarding staffing shortages in and closures of ERs across Ontario, as well as failure to meet federal standards such as the Canadian Triage and Acuity Scale, the Provincial Government continues to receive full contributions of Canada Health Transfers from the federal government.

THEREFORE BE IT RESOLVED THAT the Western Ontario Wardens Caucus calls on the Provincial Ministry of Health to take immediate action to reduce ER wait times with consideration for the importance of enhanced ER triage protocols and increased funding to strengthen emergency readiness;

AND THAT the Western Ontario Wardens Caucus calls on the Provincial Ministry of Health to introduce Finlay's Law to ensure that no child in Ontario is left without timely emergency medical care in hospitals by:

- Setting legal maximum ER wait times for children under 18 (e.g., physician assessment within 2 hours, admission within 8 hours).
- Mandating safe pediatric nurse-to-patient and physician-to-patient ratios in emergency settings.
- Establish independent oversight to audit hospitals, investigate pediatric ER deaths, and enforce compliance.
- Mandate public, independent, and timely (within 1 year) inquiry by the Chief Coroner of Ontario of every pediatric death in an ER waiting area.
- Fund better pediatric emergency readiness, including staffing, training and infrastructure

AND THAT the Western Ontario Wardens Caucus calls on the Federal Ministry of Health to enforce the principles and requirements of the Canada Health Act through its spending power of Canada Health Transfers to Ontario by:

- monitoring compliance to national health standards, such as Canadian Triage and Acuity Scale (CTAS) in ERs;
- and establishing and ensuring compliance with a new sepsis care

AND THAT a copy of this resolution be sent to the Premier of Ontario, the Ontario Minister of Health, the Federal Minister of Health, the Ontario Medical Association (OMA), the Ontario Hospital Association (OHA), and the Association of Municipalities of Ontario (AMO).

Carried.

Please contact the office if you require any further information.

Yours sincerely,



Marcus Ryan
Chair, Western Ontario Wardens' Caucus

cc.

Hon. Marjorie Michel, Federal Minister of Health

Hon. Sylvia Jones, Ontario Minister of Health

Ontario Medical Association

Ontario Hospital Association

Association of Municipalities of Ontario

Ontario Big City Mayors

Eastern Ontario Wardens' Caucus

Western Ontario Municipalities



Council Staff Report

To: Mayor Ferguson and Members of Council
Subject: 2026 Road Race
Meeting: Council - 23 Apr 2026
Department: Clerks
Staff Contact: Janet Denkers, Clerk Administrator

Recommendation:

That the Council of the Municipality of Brooke-Alvinston has no objections to the temporary road closure of Nauvoo Road between Alvinston and Watford and the temporary closure of Churchill Line from Donnelly Road to Nauvoo Road and White Pine Road on Monday, May 18, 2026 for the Watford-Alvinston Optimist Road Race and that Churchill Line to Ebenezer Road be used as the detour route during the road race.

Background:

The Alvinston -Watford Road Race is an annual event and is happening again in 2026. This is the 67th race and will be held May 18, 2026.

Comments:

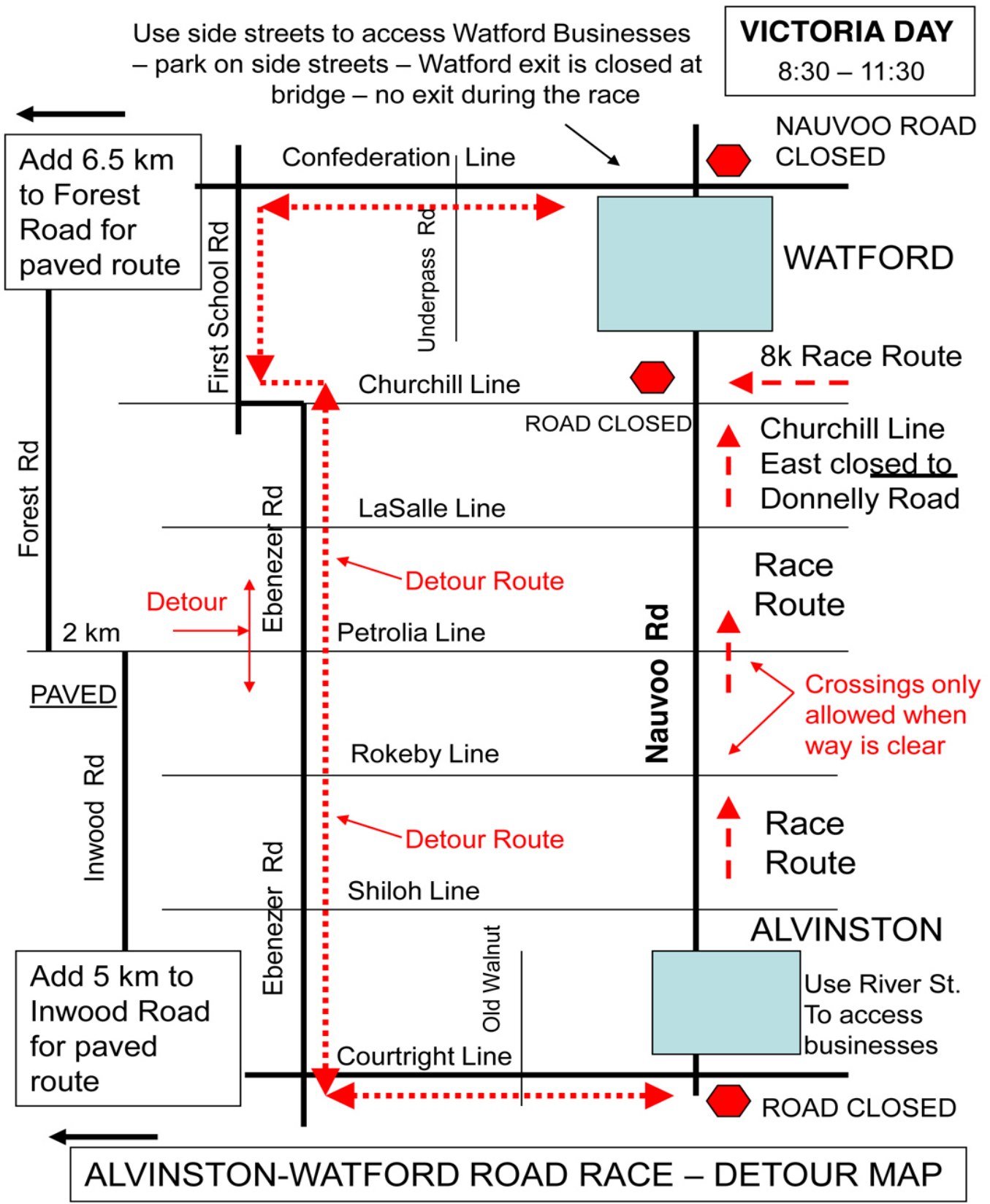
The Road Race Committee will look after the closures and re-openings as in previous years. Arrangements will be made to have the facility / pavilion open for the use of washrooms.

Financial Considerations:

None associated with this report. The Municipality has purchased a sponsorship package for the race.

ATTACHMENTS:

[Detour Route Map 2014\(2\)](#)
[township of brooke alvinston letter road race](#)



Watford – Alvinston Road Race

c/o Jackson Hamel

P.O. Box 362

Watford, ON

N0M 2S0

March 20, 2026

Township of Brooke Alvinston

3236 River St

Alvinston, ON

N0N 1A0

info@brookealvinston.com

Dear Mayor Dave Ferguson

The time of year is once again fast approaching as we are preparing for the 67th running of the annual Watford-Alvinston Road Race. The race is scheduled for Monday May 18, 2026 at 8:30 am. **NOTE OUR NEW EARLIER START TIME.** The chairperson for this year's race is Jackson Hamel.

Due to road safety concerns of all runners and organizers of this event, the Committee is once again requesting approvals for temporary road closure of the main routes. This involves Nauvoo road between Watford and Alvinston, and Churchill Road from Donnelly to Nauvoo and White Pines Rd. From Lasalle line to Churchill Line. Since the main race route will be closed, we are also requesting that approvals be granted to use back roads (see attached map) as a detour route. In the past a plan to hand out the detour map attached and to have very effective detour signage proved to work well to avoid traffic confusion. Along with our request for the closure, we plan to have the alternative routes fully marked with the necessary signs and staff at road closures.

In addition to notifying the Township of Brooke-Alvinston, we will be notifying the local EMS Ambulance Service, the OPP, local fire departments, the County of Lambton, and also Warwick Township. This will ensure both an effective closure and, most importantly, the safety of all involved. We would also like to make a request that the Arena be open that day from 7:00 am to 9:00 am so that the runners may use the washrooms. Your consideration in this matter is greatly appreciated.

We would appreciate to hear your response as soon as possible to assist in the planning of this year's event. You (or a delegate) are invited to address the runners at the start-line in Alvinston and at the award ceremony at the Watford arena at 10:30 to bring greetings. Please contact Mark Hamel @ 226-

402-1287 should you have any further questions and to confirm receipt of this letter.

At this time we would sincerely like to thank you for your help and support these last 67 years. The Watford Alvinston Road Race could not have continued throughout the years to the success it is today without your contributions and community leadership support.

With sincere thanks,

Watford-Alvinston Road Race Committee 2026



Council Staff Report

To: Mayor Ferguson and members of Council
Subject: 2026 Municipal Election Accessibility Plan
Meeting: Council - 23 Apr 2026
Department: Clerks
Staff Contact: Janet Denkers, Clerk Administrator

Recommendation:

That the report on the 2026 Municipal Election Accessibility Plan be received and filed.

Background:

In accordance with the *Municipal Elections Act, 1996*, as amended; the *Ontarians with Disabilities Act, 2001*; and the *Accessibility for Ontarians with Disabilities Act, 2005 (AODA)*, the Clerk is authorized to establish procedures and implement appropriate measures to ensure that persons with disabilities can participate fully in the 2026 Municipal Election.

Comments:

The 2026 municipal election will be conducted by internet voting.

Following the election, the Clerk has 90 days to make the Accessibility Report about the identification, removal and prevention of barriers that affect electors and candidates with disabilities available to the public. This being the first internet vote for the Municipality, some unanticipated factors may present themselves.

Financial Considerations:

None associated with this report.

ATTACHMENTS:

[2026 Election Accessiblity Plan](#)



Municipality of Brooke-Alvinston 2026 Municipal Election Accessibility Plan

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The Municipality of Brooke-Alvinston is committed to ensuring that the 2026 Municipal Election is accessible to all electors, candidates, and election workers. This Accessibility Plan outlines the actions that will be taken to identify, remove, and prevent barriers to participation for persons with disabilities.

1. Introduction

The Clerk is responsible for the proper legislative and administrative conduct of municipal elections in the Municipality of Brooke-Alvinston.

In accordance with the *Municipal Elections Act, 1996*, as amended; the *Ontarians with Disabilities Act, 2001*; and the *Accessibility for Ontarians with Disabilities Act, 2005 (AODA)*, the Clerk is authorized to establish procedures and implement appropriate measures to ensure that persons with disabilities can participate fully in the 2026 Municipal Election.

This plan builds upon the Municipality of Brooke-Alvinston 2022 Municipal Election Accessibility Plan and the 2026–2030 Multi-Year Accessibility Plan in alignment with the municipality’s broader accessibility objectives.

Accordingly, the 2026 Municipal Election will be conducted in a manner that ensures the following:

- The needs of electors, candidates, and election officials with disabilities are considered throughout the election process.
- Voting places are accessible to persons with disabilities, as required under the *Municipal Elections Act, 1996*.
- An accessibility plan is prepared to identify, remove, and prevent barriers that may affect electors and candidates with disabilities, and that this plan is made available to the public prior to Voting Day.

- An accessibility report is prepared and made public within 90 days after Voting Day, outlining the identification, removal, and prevention of election-related barriers affecting persons with disabilities.

2. Objectives

The objectives of the 2026 Municipal Election Accessibility Plan align with the principles of dignity, independence, integration, and equal opportunity established under the *Municipal Elections Act* and the *AODA*.

To support an accessible election process, the objectives of the Plan are to ensure that:

- Persons with disabilities are able to independently cast their vote and verify their selection.
- Persons with disabilities have full and equal access to all information on where and when to vote and on eligible candidates.
- Persons with disabilities can fully participate in Municipal Elections as an elector, candidate, or election official.
- Electors with disabilities are aware of the accessibility measures available via channels such as the newspaper, media launches, the Municipality of Brooke-Alvinston' website (in accordance with the *AODA* web accessibility standards (WCAG 2.1 AA)) and social media.
- That the Voter Help Centre location is accessible and barrier free.
- Barriers are identified, addressed, and documented for continuous improvement

3. Development of the Plan

This plan is considered a “living” document and may be updated as new accessibility solutions become available.

The plan will be developed and implemented through:

- Review of feedback and findings from the 2022 Municipal Election Accessibility Report.
- Consultation with the Brooke-Alvinston Community
- Review of best practices from other Ontario municipalities.

4. Voting Methods

To reduce barriers and support voter choice, Brooke-Alvinston will offer accessible voting options consistent with the *Municipal Elections Act*:

Internet voting

The Municipality has successfully used Vote by Mail, providing an accessible, secure, and convenient alternative to traditional paper ballots. The 2026 election will be conducted via Internet Voting.

Internet voting supports accessibility by allowing electors to:

- Vote from any location with an internet connection
- Use their own personal assistive technology (screen readers, voice navigation, magnifiers, etc.)
- Vote at a time convenient to them during the voting period
- Avoid transportation barriers or mobility challenges
- Cast their ballot privately and independently

Comprehensive voter instructions, including video tutorials, step by step guides, and accessible format materials, will be available closer to the opening of the voting period.

Voter Help Centre

A Voter Help Centre will be available on the following dates and times:

- Friday, October 16, 2026 – 9 am to 4:00 pm through to
- Monday, October 26, 2026 – 8:30 am to 8pm

at the Municipality of Brooke-Alvinston Municipal Office located at 3236 River Street in Alvinston. This will be the only physical municipal voting space available to the public aside from the libraries in Inwood and Alvinston.

Accessibility Inside the Voter Help Centre

- Floors will be level and slip-resistant.
- Doormats or carpets will be flush with the floor to prevent tripping.
- The voting area will be well lit, with seating available.
- Entrance corridors will be clear of obstacles and wide enough for wheelchairs and scooters.

Accessible Voting Area

A dedicated accessible voting area will be provided. It will be low in height with wide clearance, allowing people using wheelchairs or scooters to vote independently and privately. Clear, easy-to-understand signage will identify the voting area. Seating will be available throughout the Centre.

Entrance and Exit

The route to the entrance will be unobstructed and accessible. It will be wide enough for wheelchairs, scooters, assistive devices, and service animals. Doors will be easy to open or propped open during operating hours. Staff will perform regular checks to keep entrances and exits clear and safe.

Accessible Parking

Accessible parking spaces will be clearly marked with the International Symbol of Accessibility..

5. Election Information and Communication

The Municipality of Brooke-Alvinston will ensure that election-related information is accessible by:

- Publishing information on the municipal website in compliance with WCAG 2.1 Level AA
- Providing election materials in alternative formats upon request
- Using plain language in all public communications
- Promoting accessibility measures through multiple channels, including the Brooke-Alvinston website, social media, and local media

Service Disruptions

If a temporary disruption affects the delivery of election information or services, every reasonable effort will be made to provide alternative options to persons with disabilities to ensure continued access to election information and services.

The Clerk's Office will issue public notice through the following channels:

- The Municipality's website and facebook page
- Signage posted at the physical location where the disruption has occurred
- Local media, when possible

Each notice will include:

- The reason for the disruption
- The anticipated duration
- A description of alternative methods for accessing the affected information or service

6. Training of Election Workers

All election workers will receive training that includes:

- How to interact respectfully with persons with various disabilities
- How to assist voters using mobility aids, assistive devices, service animals, or support persons
- How to respond to accessibility-related questions or concerns
- An overview of obligations under the *AODA* and *Municipal Elections Act*

7. Candidates

Candidates with disabilities will be able to request:

- Accessible formats for nomination and election-related materials
- Accommodation when filing nomination papers, attending briefings, or participating in municipal election processes

8. Feedback

The Municipality of Brooke-Alvinston welcomes feedback regarding the accessibility of election services. Feedback helps identify areas for improvement, informs training needs, and supports the development of alternative service delivery methods where required.

Electors and candidates may provide feedback. Municipal staff are also available to assist persons with disabilities by completing and submitting the form on their behalf.

All completed feedback forms are reviewed by Municipal staff. A response will be provided within two business days, including an anticipated action plan or timeline for a full response when appropriate.

Feedback can also be submitted through the following channels:

- Telephone: 519-898-2173
- In Person or by Mail: Municipal Office, 3236 River Street Alvinston, ON N0N 1A0
- Fax: 519-898-5653
- Email: jdenkers@brookealvinston.com

9. Reporting

In accordance with the *Municipal Elections Act, 1996*, the Clerk will submit a report to Council within 90 days after Voting Day.

This report will outline:

- Barriers that were identified
- Measures taken to remove or prevent those barriers
- Recommendations for future improvements

10. Additional Information

The Municipality of Brooke-Alvinston' website is regularly updated to reflect the most current election information. Electors are encouraged to visit [Brooke-Alvinston Votes: 2026 Municipal Election](#) for:

- Up-to-date candidate listings
- Voting instructions
- Key dates
- Important notices and election-related updates

Please note that the Clerk may amend this plan at any time to support the conduct of the vote, the counting and tabulation process, and the security of the election.

The Clerk's interpretation of this document is final.



Council Staff Report

To: Mayor Ferguson and Members of Council
Subject: Industrial, Commercial and Institutional (ICI) Recycling Costs for 2027 and Municipal Options
Meeting: Council - 23 Apr 2026
Department: Treasury
Staff Contact: Stephen Ikert, Treasurer

Recommendation:

That Council maintain the current service model of providing ICI recycling services and absorb the associated costs within our current funding structure.

Background:

As you are aware, the Ontario government made regulatory changes that removed ICI recycling from the residential Blue Box program. In response, the Bluewater Recycling Association (BRA) implemented a dedicated ICI collection system to ensure continued service for businesses across their member municipalities (including Brooke-Alvinston).

For 2026 BRA absorbed the incremental costs associated with segregating and servicing ICI recycling wheelie bins in 2026. This was done to support a smooth transition, minimize disruption for municipalities and the business community, and allow time to establish appropriate service levels under the new framework.

Effective January 1, 2027, the annual cost for ICI recycling wheelie bins (red lid) will be **\$160 per bin, per year**. This fee reflects the full cost of delivering ICI recycling services.

Comments:

Municipal options:

- **Maintain the current service model**
Brooke-Alvinston may choose to continue providing ICI recycling services and absorb the associated costs within their existing funding structure. Before the government changed the recycling regulations Brooke-Alvinston covered all recycling costs (Residential, and ICI) through our tax rates. Brooke-Alvinston also continues to cover all costs of Garbage and Recycling Collection in our tax rates.
- **Implement cost recovery through user fees**
Brooke-Alvinston may elect to pass through a portion or the full cost of service directly to ICI properties. Trying to implement a user fee cost recovery model is administratively cumbersome and time consuming as you have to track which properties have which bins. Since there are regular changes to quantities and types of bins it would require extra staff time to administer. Also this method would still leave some costs unaccounted for because ICI bins at our Municipal Office, Community Centre, Fire Hall, Libraries, Public Works Yard, Cemeteries, and Churches have never paid for any collection costs.

- **Discontinue municipal ICI recycling collection**

Brooke-Alvinston may choose to discontinue the provision of ICI recycling services, forcing businesses to seek private sector solutions. While this may force the ICI sector to assess their service needs, it will likely lead to reduced diversion and could accelerate landfill pressures beyond current projections.

Financial Considerations:

We are currently paying \$71.40 per bin per year for ICI recycling services by BRA. This was the cost we used to pay when we paid for recycling before the government changed the regulations. In 2027 we will be paying the "full cost" of \$160 per bin per year. This cost has increased because BRA has had to separate the pickup by:

- buying new (red) lids to distinguish ICI recycling
- have a separate truck pickup the ICI recycling
- the inefficiency of having to drive longer routes to collect less material
- related administration costs to implement and maintain this system

The total annual ICI recycling costs in 2027 is expected to be approximately \$13,920 per year based on the number of ICI recycling bins in place. Of the total ICI bins currently in Brooke-Alvinston, approximately 18.4% are in Inwood, 78.2% are in Alvinston and 3.4% are in rural areas. The total cost would be applied to the tax rate for each of those areas in the same proportion.

Prior to the change in government regulations we used to pay over \$85,000 per year for all recycling costs.



Council Staff Report

To: Mayor Ferguson and Members of Council
Subject: Revised - Roads Need Study
Meeting: Council - 23 Apr 2026
Department: Public Works
Staff Contact: Jamie Butler, Public Works Superintendent

Recommendation:

That Council discuss a roads need study.

Background:

At the April 8, 2026 regular Council meeting staff were requested to obtain a revised price on a municipal wide road needs study.

Comments:

The initial proposal presented at the meeting included Shiloh Line and Churchill Line. Shiloh was constructed in 2021 and Churchill Line is being reconstructed jointly with Warwick Township with monies already earmarked in future budgets.

Financial Considerations:

The revised cost is \$18,000.00 plus HST. Monies have not been budgeted for the study in 2026. Efficiencies have been noted in the concrete crushing tender that could absorb this cost.

ATTACHMENTS:

[Road Needs 2026 Scope Rev 2](#)



1086 Modeland Road
Building 1010, Suite 266
Sarnia, Ontario

April 15, 2026

Municipality of Brooke-Alvinston
3236 River Street
Alvinston, Ontario

Attention: Mr. Jamie Butler, CRS - Public Works Superintendent

Re: Road Needs Study – 2026 (Revised)

Dear Jamie,

As per our discussions, it is my understanding that the Municipality wishes to complete a Roads Needs Study for the paved rural roads in the Municipality. We have been asked to prepare a proposal for engineering services to complete the study and prepare a 5-year capital plan.

Our proposed scope of work would be as follows:

- complete pavement evaluations of the paved rural roads (approximately **29** km);
- calculate a Pavement Condition Rating for each section based on type and severity of distress;
- determine a maintenance or rehabilitation treatment for each section;
- prepare a cost estimate for each section;
- review priorities with municipal staff to establish a proposed annual budget;
- organize priorities into a 5-year capital plan;
- prepare a final report.

As per the April 8, 2026 meeting of Council, we have removed Shiloh Line and Churchill Line from the study.

Based on the scope of work as discussed herein, we would propose a budget of \$18,000 + HST.

We thank you for the opportunity to submit the above for your review and consideration.

Sincerely,

A handwritten signature in blue ink, appearing to read "K. Graham".

Ken Graham, P.Eng.
Consulting Engineer



Council Staff Report

To: Mayor Ferguson and Members of Council
Subject: Engineering Proposal for Rokeby Line
Meeting: Council - 23 Apr 2026
Department: Public Works
Staff Contact: Jamie Butler, Public Works Superintendent

Recommendation:

That the attached proposal from Black Creek Engineering be discussed.

Background:

At the regular council meeting held April-8th-2026, staff were requested to obtain a cost for engineering on Rokeby Line to repair certain sections of roadway.

Comments:

The estimated cost for the engineering repair is \$65,000 plus applicable HST. This repairs are not a simple surface patch. The subbase has been compromised and requires full-depth reconstruction throughout the affected sections.

The section(s) of repair are noted in the attached letter.

Financial Considerations:

As this project was not anticipated during the current budget cycle, no funds have been allocated. Council direction will be required to identify appropriate funding sources external to the approved budget.

ATTACHMENTS:

[Rokeby Line 2026 Scope](#)



1086 Modeland Road
 Building 1010, Suite 266
 Sarnia, Ontario

April 19, 2026

Municipality of Brooke-Alvinston
 3236 River Street
 Alvinston, Ontario

Attention: Mr. Jamie Butler, CRS - Public Works Superintendent

Re: Rokeby Line Rehabilitation

Dear Jamie,

As per our discussions, it is my understanding that the Municipality wishes to complete the design and construction for the rehabilitation of up to three (3) sections of Rokeby Line east of Inwood Road (CR8). We have been asked to prepare an estimate for engineering services for design, project management and contract administration.

The sections in question are from Inwood Road (CR8) to Ebenezer Road and are each approximately 1.8km in length. We understand that numerous attempts have been made in the past to patch areas through this section with little success.

Our proposed scope of work would be as follows:

- complete a topographic survey;
- witness test holes and record observations for the existing road base structure;
- contact utility companies to determine what utilities are in the area;
- prepare base plans and preliminary design drawings for review with Municipal staff;
- prepare detailed design drawings based on the preliminary design review;
- prepare a specification to be included in a standard Municipal tender document;
- review bids received and provide a recommendation letter;
- provide construction supervision, and
- provide project management and contract administration duties.

We have visited the site and have based our proposed scope of work on the following road rehabilitation treatment:

- pulverize the existing tar & chip surface treatment;
- installation of subdrains;
- placement of additional granular road base;
- spot repairs at selected areas, and
- placement of double surface treatment.

Based on the scope of work as discussed herein, we have broken down our estimated fees by section in order of reverse priority. Our estimated fees are as follows and do not include HST:

	Little Ireland to Ebenezer	Sutorville to Little Ireland	Inwood to Sutorville
Design & Tender	\$12,000	\$12,000	\$12,000
Construction Supervision	\$8,000	\$8,000	\$8,000
Total	\$20,000	\$20,000	\$20,000

We would also recommend that you budget \$1,200 plus H.S.T. per section for materials testing during construction.

We thank you for the opportunity to submit the above for your review and consideration.

Sincerely,



Ken Graham, P.Eng.
Consulting Engineer



Council Staff Report

To: Mayor Ferguson and Members of Council
Subject: Municipal Council Remuneration Review Report
Meeting: Council - 23 Apr 2026
Department: Administration
Staff Contact: Janet Denkers, Clerk Administrator

Recommendation:

That the following changes be discussed in reference to the Council remuneration by-law and that a copy be presented at the May 14, 2026 regular session of Council for approval.

Background:

The purpose of this report is to outline the rationale for increasing Council remuneration in the Municipality of Brooke-Alvinston prior to the 2026 municipal election to better align with comparable municipalities. Reviewing remuneration levels prior to an election may support recruitment of qualified candidates and better reflect the time, responsibility and professional expectations placed on elected officials.

According to the 2025 Statement of Council remuneration, the total annual compensation (including meeting pay and expenses) remains modest in comparison to other municipalities of similar size and meeting demands.

In 2025:

- The Mayor received total compensation of roughly \$16,300
- Individual Councillors, including the Deputy Mayor received between \$6,800 to \$12,500

The range in Councillor pay is broad as some Councillors attended municipal conferences and some opted to not attend. Conferences allow Council members to arrange meetings with Ministers, attend lectures and meet other Council members across Ontario.

The last two Council remuneration reviews were completed *after* the respective elections. The purpose of this report is for the current Council to review the Council remuneration in advance of the Nomination period (May 1 - August 21 -2pm) to ensure it remains:

- Fair and reasonable
- Comparable to similar municipalities
- Reflective of roles and responsibilities
- Transparent to the public

Maintaining low remuneration increases the likelihood that Council roles are only feasible for retirees or those with independent financial means which may not reflect the broader community.

The current Brooke-Alvinston municipal compensation is:

Position	Honorarium	Meeting Pay	Committee Pay	Conference Allowance	Conference Per Diem
Mayor	\$5,248	\$192	\$109	\$2,732	\$192
Deputy Mayor	\$2,951	\$164	\$109	\$2,186	\$164
Councillor	\$2,627	\$164	\$109	\$2,186	\$164

In comparison, similar sized municipalities were reviewed:

1) **Adelaide Metcalfe**: (similar size, rural, no arena - Middlesex County)

Position	Honorarium	Meeting Pay	Committee Pay	Conference Allowance	Conference Per Diem
Mayor	\$ 24,000				\$150
Deputy Mayor	\$15,785				\$150
Councillor	\$15,785				\$150

2) **Dawn-Euphemia**: (similar size, rural area, no arena - Lambton County)

Position	Honorarium	Meeting Pay	Committee Pay	Conference Allowance	Conference Per Diem
Mayor	\$7,546	\$182	\$165		\$260/day
Deputy Mayor	\$4,471	\$182	\$165		\$260/day
Councillor	\$4,471	\$182	\$165		\$260/day

3) **Warwick**: (similar size, rural/urban, arena)

Position	Honorarium	Meeting Pay	Committee Pay	Conference Allowance	Conference Per Diem
Mayor	\$10,102.31	\$191.70			\$120/day
Deputy Mayor	\$6,311.79	\$175.02			\$120/day
Councillor	\$6,311.79	\$175.02			\$120/day

Comments:

Brooke-Alvinston is low in comparison for Council Honorarium and meeting pay. The conference per diem is modest but should reflect the loss in wage some members may incur if attending conferences.

Recommendations are:

- 1) increase honorariums for Mayor and Council to \$7,500 and \$4,500 respectively with review prior to next regular election
- 2) maintain regular meeting pay with COLA increases annually
- 3) maintain committee pay with regular COLA increases annually

4) increase Conf / Diem to \$200 / day COLA increases annually

5) increase Conference allowance for Mayor to \$3,500 per calendar year and Councillor to \$2,500 per calendar year (inclusive of all eligible expenses except registration)

Financial Considerations:

If approved, the amended pay will be included in the annual budget allocation.

ATTACHMENTS:

[Councillor Conference Policy](#)

COUNCILLOR CONFERENCE POLICY

Responsible Dept.: Corporate Services	Effective Date: January 1, 2025
Author: Clerk Administrator	Next Review:
Approved by: Jan. 9, 2025 Council Motion	Relevant Corporate Policy/By-law:

1 PURPOSE

- 1.1 This policy encourages Councillors to avail themselves of opportunities to undertake professional development opportunities that may be of benefit to the individual Councillor and Council as a whole, including conferences, seminars, workshops, and training sessions.
- 1.2 Councillors undertaking professional development shall have expenses for registration fees, transportation, accommodations, and meals relating to their attendance paid by the municipality, within the parameters of the Council budget.

2 GENERAL

- 2.1 Councillors will be notified of all relevant municipal conferences;
- 2.2 In the fall/winter of every year, the Clerk will request that members submit a list of conferences they wish to attend in the upcoming year and staff will prepare the budget accordingly.
- 2.3 Automatic approval will be granted to Councillors to attend a municipal conference/seminar within the member’s budget allocation (as per By-law);
- 2.4 In all attempts, Council should notify the Clerk Administrator of the municipal conferences they choose to attend in January of each year upon presentation of a report by the Clerk Administrator on available municipal conferences; some registrations will be required in the previous year.
- 2.5 All Council expenses and reimbursements will be reported in “Council’s Annual Report” in accordance with the requirement of the Municipal Act;
- 2.6 Council members attending municipal conferences should provide a report to Council on the conference upon their return.

3 ANNUAL ALLOCATION

- 3.1 The annual municipal conference expenses will be determined annually during the budget deliberations.
- 3.2 Individual Councillor entitlement is in accordance with the current Remuneration By-law for Council

- 3.3 Should a Council member register for a conference and be unable to attend; and if an alternate member is not able to attend in their place, the costs associated with the registered conference will be applied to the Council member.
- 3.4 Approval to attend Conferences/Seminars over and above an individual Councillor’s budget allocation is to be considered and approved by the Mayor and Council prior to the event, and the review will take into consideration the total budget allocation for conferences/seminars, the relevance of the conference to Council and the potential benefit that may result from the conference and the fair and equitable division of opportunities for Councillors to attend Conferences/Seminars.
- 3.5 Council members cannot carry forward their annual conference allocation to another year.

4 ELIGIBLE CONFERENCE EXPENSES (invoices required if possible)

- 4.1 Conference/Seminar Registration;
- 4.2 Transportation (air, train, or bus) or mileage (ground travel is to be used where appropriate)
- 4.3 Transportation between home and terminal, terminal and hotel;
- 4.4 Hotel/Accommodations;
- 4.5 Transportation during conference;
- 4.6 Meals (excluding alcohol)

5 INELIGIBLE EXPENSES

- 5.1 Spousal expenses, including meals, companion program; and
- 5.2 Personal expenses, such as spa treatments, alcohol, sightseeing.

6 APPROVAL

CAO	Date: January 9, 2025
Amended/Modified/Replaced	Date

**THE CORPORATION OF THE MUNICIPALITY OF
BROOKE-ALVINSTON**

BY-LAW NUMBER xx of 2026

**BEING A BY-LAW TO PROVIDE FOR A DRAINAGE WORKS IN THE
MUNICIPALITY OF BROOKE-ALVINSTON IN THE COUNTY OF LAMBTON**

WHEREAS the requisite number of owners have petitioned the Council of the Municipality of Brooke-Alvinston in the County of Lambton in accordance with the provisions of the *Drainage Act*, requesting that the following lands and roads be drained by a drainage works known as the “Morley Zavitz Drain” in the Municipality of Brooke-Alvinston;

AND WHEREAS, the Council of the Municipality of Brooke-Alvinston in the County of Lambton has procured a report made by R. Dobbin Engineering Inc. dated March 20, 2026;

AND WHEREAS the estimated cost of constructing the drainage works is \$152,882.00;

AND WHEREAS \$49,937.00 is the amount to be contributed by the Municipality for construction of the drainage works;

AND WHEREAS the Council is of the opinion that the drainage of the area is desirable;

THEREFORE, the Council of the Municipality of Brooke-Alvinston under the *Drainage Act* enacts as follows:

1. The report dated March 20, 2026 and attached hereto is hereby adopted and the drainage works as therein indicated and set forth is hereby authorized, and shall be completed in accordance therewith.
2. (1) The Corporation of the Municipality of Brooke-Alvinston may borrow on the credit of the Corporation the amount of \$152,882.00, being the amount necessary for construction of the drainage works.
 - (2) The Corporation may issue debentures for the amount borrowed less the total amount of,
 - (a) grants received under section 85 of the Act;
 - (b) commuted payments made in respect of lands and roads assessed within the municipality;
 - (c) money paid under subsection 61(3) of the Act; and
 - (d) money assessed in and payable by another municipality,
 and such debenture shall be made payable within five years from the date of the debenture and shall bear interest at a rate not higher than the rate charged by the Ontario Government for tile loans on the date of sale of such debentures.
3. A special equal annual rate sufficient to redeem the principal and interest on the debentures shall be levied upon the lands and roads as set forth in the report to be collected in the same manner and at the same time as other taxes are collected in each year for five years after the passing of this by-law.
4. For paying the amount of \$49,937.00 being the amount assessed upon the lands and roads belonging to or controlled by the Municipality, a special rate sufficient to pay the amount assessed plus interest thereon shall be levied upon the whole rateable property in the Municipality of Brooke-Alvinston in each year for one year after the passing of this by-law to be collected in the same manner and at the same time as other taxes are collected.

- 5. All assessments of \$2,500.00 or less are payable in the first year in which the assessment is imposed.
- 6. This by-law comes into force on the passing thereof and may be cited as "Morley Zavitz Drain".

FIRST READING _____, 2026

SECOND READING _____, 2026

Provisionally adopted this _____ day of _____, 2026.

David Ferguson, Mayor

Janet Denkers, Clerk-Administrator

THIRD READING _____, 2026.

Enacted this _____ day of _____, 2026.

David Ferguson, Mayor

Janet Denkers, Clerk-Administrator

**THE CORPORATION OF THE MUNICIPALITY OF
BROOKE-ALVINSTON**

BY-LAW NUMBER xx of 2026

**BEING A BY-LAW TO PROVIDE FOR A DRAINAGE WORKS IN THE
MUNICIPALITY OF BROOKE-ALVINSTON IN THE COUNTY OF LAMBTON**

WHEREAS the requisite number of owners have petitioned the Council of the Municipality of Brooke-Alvinston in the County of Lambton in accordance with the provisions of the *Drainage Act*, requesting that the following lands and roads be drained by a drainage works known as the “Crockett Drain Branch B” in the Municipality of Brooke-Alvinston;

AND WHEREAS, the Council of the Municipality of Brooke-Alvinston in the County of Lambton has procured a report made by R. Dobbin Engineering Inc. dated March 20, 2026;

AND WHEREAS the estimated cost of constructing the drainage works is \$76,431.00;

AND WHEREAS \$33,111.00 is the amount to be contributed by the Municipality for construction of the drainage works;

AND WHEREAS the Council is of the opinion that the drainage of the area is desirable;

THEREFORE, the Council of the Municipality of Brooke-Alvinston under the *Drainage Act* enacts as follows:

1. The report dated March 20, 2026 and attached hereto is hereby adopted and the drainage works as therein indicated and set forth is hereby authorized, and shall be completed in accordance therewith.
2. (1) The Corporation of the Municipality of Brooke-Alvinston may borrow on the credit of the Corporation the amount of \$76,431.00, being the amount necessary for construction of the drainage works.
 - (2) The Corporation may issue debentures for the amount borrowed less the total amount of,
 - (a) grants received under section 85 of the Act;
 - (b) commuted payments made in respect of lands and roads assessed within the municipality;
 - (c) money paid under subsection 61(3) of the Act; and
 - (d) money assessed in and payable by another municipality,
 and such debenture shall be made payable within five years from the date of the debenture and shall bear interest at a rate not higher than the rate charged by the Ontario Government for tile loans on the date of sale of such debentures.
3. A special equal annual rate sufficient to redeem the principal and interest on the debentures shall be levied upon the lands and roads as set forth in the report to be collected in the same manner and at the same time as other taxes are collected in each year for five years after the passing of this by-law.
4. For paying the amount of \$33,111.00 being the amount assessed upon the lands and roads belonging to or controlled by the Municipality, a special rate sufficient to pay the amount assessed plus interest thereon shall be levied upon the whole rateable property in the Municipality of Brooke-Alvinston in each year for one year after the passing of this by-law to be collected in the same manner and at the same time as other taxes are collected.

- 5. All assessments of \$2,500.00 or less are payable in the first year in which the assessment is imposed.
- 6. This by-law comes into force on the passing thereof and may be cited as "Crockett Drain Branch B".

FIRST READING _____, 2026

SECOND READING _____, 2026

Provisionally adopted this _____ day of _____, 2026.

David Ferguson, Mayor

Janet Denkers, Clerk-Administrator

THIRD READING _____, 2026.

Enacted this _____ day of _____, 2026.

David Ferguson, Mayor

Janet Denkers, Clerk-Administrator

**THE CORPORATION OF THE MUNICIPALITY OF
BROOKE-ALVINSTON**

BY-LAW NUMBER xx of 2026

**BEING A BY-LAW TO PROVIDE FOR A DRAINAGE WORKS IN THE
MUNICIPALITY OF BROOKE-ALVINSTON IN THE COUNTY OF LAMBTON**

WHEREAS the requisite number of owners have petitioned the Council of the Municipality of Brooke-Alvinston in the County of Lambton in accordance with the provisions of the *Drainage Act*, requesting that the following lands and roads be drained by a drainage works known as the “Cherry Creek Drain and Cherry Creek Drain Branch” in the Municipality of Brooke-Alvinston;

AND WHEREAS, the Council of the Municipality of Brooke-Alvinston in the County of Lambton has procured a report made by R. Dobbin Engineering Inc. dated March 19, 2026;

AND WHEREAS the estimated cost of constructing the drainage works is \$849,659.00;

AND WHEREAS \$45,768.00 is the amount to be contributed by the Municipality for construction of the drainage works;

AND WHEREAS the Council is of the opinion that the drainage of the area is desirable;

THEREFORE, the Council of the Municipality of Brooke-Alvinston under the *Drainage Act* enacts as follows:

1. The report dated March 19, 2026 and attached hereto is hereby adopted and the drainage works as therein indicated and set forth is hereby authorized, and shall be completed in accordance therewith.
2. (1) The Corporation of the Municipality of Brooke-Alvinston may borrow on the credit of the Corporation the amount of \$849,659.00, being the amount necessary for construction of the drainage works.
 - (2) The Corporation may issue debentures for the amount borrowed less the total amount of,
 - (a) grants received under section 85 of the Act;
 - (b) commuted payments made in respect of lands and roads assessed within the municipality;
 - (c) money paid under subsection 61(3) of the Act; and
 - (d) money assessed in and payable by another municipality,
 and such debenture shall be made payable within five years from the date of the debenture and shall bear interest at a rate not higher than the rate charged by the Ontario Government for tile loans on the date of sale of such debentures.
3. A special equal annual rate sufficient to redeem the principal and interest on the debentures shall be levied upon the lands and roads as set forth in the report to be collected in the same manner and at the same time as other taxes are collected in each year for five years after the passing of this by-law.
4. For paying the amount of \$45,768.00 being the amount assessed upon the lands and roads belonging to or controlled by the Municipality, a special rate sufficient to pay the amount assessed plus interest thereon shall be levied upon the whole rateable property in the Municipality of Brooke-Alvinston in each year for one year after the passing of this by-law to be collected in the same manner and at the same time as other taxes are collected.

- 5. All assessments of \$2,500.00 or less are payable in the first year in which the assessment is imposed.
- 6. This by-law comes into force on the passing thereof and may be cited as “Cherry Creek Drain & Cherry Creek Drain Branch”.

FIRST READING _____, 2026

SECOND READING _____, 2026

Provisionally adopted this _____ day of _____, 2026.

David Ferguson, Mayor

Janet Denkers, Clerk-Administrator

THIRD READING _____, 2026.

Enacted this _____ day of _____, 2026.

David Ferguson, Mayor

Janet Denkers, Clerk-Administrator