

**REUBEN MATTICE DRAIN,
GLEN BECKER DRAIN
AND VAN MOORSEL DRAIN
S. 76 ENGINEER'S REPORT
MUNICIPALITY OF SOUTH DUNDAS**



PREPARED BY
SHADE GROUP INC
4625 MARCH ROAD
ALMONTE, ONTARIO
K0A 1A0

JANUARY 2024

EXECUTIVE SUMMARY

This Engineer's Report has been prepared under Section 76 of the *Drainage Act, R.S.O. 1990, c. D. 17*. The purpose of this report is to update the assessment schedules associated with the Reuben Mattice Drain, Glen Becker Drain, and the Van Moorsel Drain. The reasoning for the update is to allow for fair distribution of costs associated with future maintenance works.

This report has been prepared in anticipation of future maintenance works; with future maintenance to be scheduled and overseen by the Township's Drainage Superintendent. Through the update of this report, the Drainage Superintendent can undertake such maintenance as required, and assess costs in a fair manner across the landowners within the watershed.

The Reuben Mattice Drain and Glen Becker Branch (also referred to as the Glen Becker Drain) was last adopted under By-Law 20,1975 in 1975. The 1975 Engineer's Report describes that the Reuben Mattice Drain was an existing municipal drain, having last been maintained in 1955. The Glen Becker Branch was to be a new construction under the 1975 report. The 1975 Engineer's Report was authored by Stidwill & Associates Limited. All maintenance works for the Reuben Mattice Drain and Glen Becker Branch are to be in conformance with the 1970 Engineer's Report.

Also included in this report are updates to the assessment schedule for the Van Moorsel Drain. The Van Moorsel Drain was last adopted under By-Law 19A,1975 in 1975. The 1975 Engineer's Report describes the Van Moorsel Drain as originally having been constructed as a municipal drain in 1961 under a report authored by Stidwill & Associates Limited. The 1975 Report was also authored by Stidwill & Associates Limited.

The Reuben Mattice Drain, Glen Becker Branch and Van Moorsel Drain have been compiled into one updated Section 76 Report because the Van Moorsel outlets to the Reuben Mattice – resulting in overlapping watershed boundaries as applicable for the assessments. That is, those assessed for the Van Moorsel Drain would also be assessed for the Reuben Mattice Drain.

Shade Group Inc. (SGI) was appointed by resolution on October 11, 2023 (Resolution No. 22-26-287) to “*prepare a new assessment schedule and update watershed boundaries for the Reuben Mattice & Glen Becker, and Van Moorsel Municipal Drains under Section 76 of the Drainage Act*”. A copy of the resolution has been enclosed in **Appendix E**.

The updated assessment schedules for the various drains have been enclosed in **Appendix D**.

Per Section 85 of the Drainage Act, only works completed under Section 4, 74 and 78 are eligible for provincial grant. As such, the engineering works associated with the preparation of this report are not eligible as works have been performed under Section 76. Works associated with the proposed maintenance are expected to be conducted under Section 74, and with that, the construction (maintenance) works are expected to be eligible for grant.

The extent of maintenance works required shall be at the discretion of the Township's Drainage Superintendent. As the construction costs associated with such maintenance are not yet known, Shade Group has assigned an arbitrary valuation to the works, based on assumed typical maintenance practices. With that, the numbers used to prepare the assessment schedule for maintenance works are for illustration purposes only, to determine the apportionment of estimated costs assessed to each property. Final maintenance works may be higher or lower based on available contractors to perform the work. Final maintenance costs will be assessed in the same apportionments as those outlined in the new assessment schedule as enclosed in **Appendix C**.

A separate assessment schedule has been included in **Appendix D** based on approximate known costs (the engineering work). Note that engineering fees are estimated based on the assumption of no appeals; should there be appeals, whether to the Court of Revision, Tribunal or Referee, the engineering fees would be subject to change as required to respond to and address appeals received.

Enclosed within the Appendices of this report you will find: a location plan showing the location of the watershed and drains (**Appendix A**); a map of the watersheds showing the Reuben Mattice Drain, Glen Becker Branch, and the Van Moorsel Drain (**Appendix B**), the updated assessment schedule for the distribution of costs associated with future maintenance of each of the respective drains (**Appendix C**), and the assessment schedule distributing the one-time engineering costs for this report (**Appendix D**). The appointment resolution has also been enclosed in **Appendix E**.

REVISIONS & SUBMISSIONS

Revision #	Comments	Date
00	Submission to Municipality	November 2023
01	Revisions to Glen Becker Assessment to add ID 70 (Missing from November 2023 submission) No changes to Reuben Mattice or Van Moorsel.	January 2024

TABLE OF CONTENTS

1.0	OBJECTIVE	1
2.0	DRAIN HISTORY	1
3.0	DESCRIPTION OF THE WATERSHED + ALIGNMENT OF DRAIN	2
4.0	DRAINAGE ACT, 1990, PROCESS	3
4.1	TO DATE.....	3
4.2	NEXT STEPS.....	4
4.3	RESOLUTION AND BY-LAW.....	5
4.4	LIMITATIONS	5
5.0	ASSESSMENTS	5
5.1	LAND USE FACTORS.....	6
5.2	DISTANCE FACTORS.....	7
5.3	SUB-SECTION FACTORS	8
6.0	MAINTENANCE ESTIMATES.....	8
7.0	FUTURE MAINTENANCE.....	10
8.0	ENGINEERING COSTS	10
9.0	GRANTS	10
10.0	CLOSING	11

APPENDICES

APPENDIX A: LOCATION PLAN

APPENDIX B: DRAINAGE PLANS

APPENDIX C: ASSESSMENT SCHEDULES – FUTURE MAINTENANCE

APPENDIX D: ASSESSMENT SCHEDULES – ENGINEERING

APPENDIX E: RESOLUTION & BY-LAW

1.0 OBJECTIVE

This Engineer's Report has been prepared under Section 76 of the *Drainage Act, R.S.O. 1990, c. D. 17*. The purpose of this report is to update the assessment schedules associated with the Reuben Mattice Drain and Glen Becker Branch, as well as the Van Moorsel Drain. The purpose of the update is to allow for fair distribution of costs associated with future maintenance works.

This report has been prepared in anticipation of future maintenance works; with future maintenance to be scheduled and overseen by the Township's Drainage Superintendent. Through the update of this report, the Drainage Superintendent can undertake such maintenance as required, and assess costs in a fair manner across the landowners within the watershed.

A number of land use changes and divisions of land have occurred since the drain's reporting was last updated in 1975, and as such, an update to the assessment schedule was necessary to allow for fair and correct billings of requested maintenance works. Furthermore, a review of the watershed boundary for the Van Moorsel and Reuben Mattice & Glen Becker showed inconsistencies amongst what should be overlapping watersheds. This report will seek to make corrections to the watershed boundary to ensure that those benefiting from the system are appropriately apportioned their contribution towards maintenance costs.

Per the Drainage Act, the municipality is mandated to perform maintenance of petition drains adopted under the Drainage Act; but to do so, the associated paperwork (Engineer's Report) must first be reviewed to ensure it is up to date, accurate and fair.

2.0 DRAIN HISTORY

Prior to undertaking this report, consultation was undertaken with the Township's Drainage Superintendent to acquire the most recent report for the Reuben Mattice Drain & Glen Becker Branch, as well as the Van Moorsel Drain.

Per the supplied information, the most recent Engineer's Report for the drains were all authored in 1975.

The Reuben Mattice Drain and Glen Becker Branch was last adopted under By-Law 20,1975 in 1975. The 1975 Engineer's Report describes that the Reuben Mattice Drain was an existing municipal drain, having last been maintained in 1955. The Glen Becker Branch was to be a new construction under the 1975 report. The 1975 Engineer's Report was authored by Stidwill & Associates Limited.

The Van Moorsel Drain was last adopted under By-Law 19A,1975 in 1975. The 1975 Engineer's Report describes the Van Moorsel Drain as originally having been constructed as a municipal

drain in 1961 under a report authored by Stidwill & Associates Limited. The 1975 Report was also authored by Stidwill & Associates Limited.

3.0 DESCRIPTION OF THE WATERSHED + ALIGNMENT OF DRAIN

The following descriptions have been referenced from the applicable 1975 Engineer's Reports, describing the path of the drains.

Reuben Mattice Drain

"Its point of commencement is 317 feet West of the Lot line between Lots 32 and 33 – Concession 2, a distance of approximately 1,700 feet south of the Northlimit of Lot 33. The total length of this drain is 15,819 feet"

- Reuben Mattice Drain & Glen Becker Branch Engineer's Report, May 12, 1975 (page 1)

Glen Becker Branch

"The Glen Becker Branch will start on the Westside of Highway 31, at a point some 450 feet to the North of the South-East corner of Lot 31, Concession 3."

"A main branch has been laid out, starting at the West limit of Highway 31 and at the North limit of the property owned by Mr. A Garlough [now Roll No. 001-004-60000]...at Station 1+79 the Maindrain turns South along the rear of the building Lots, and at Station 5+07 it will turn East along the South side of the D. Shaver property [now Roll No. 001-004-60600]. Between Station 6+10 and Station 7+50 a 24" diameter steel culvert will be installed running diagonally towards the open concrete highway bridge. After crossing the highway, an 80 foot long culvert will carry the water across the State property East of the highway into a 2,005 foot long section of...open drain along the South side of County Road 28. At Station 29+20 the drain turns in a southerly direction. At station 31+60...the drain will cut straight in a Southerly direction to the Reuben Mattice Drain. Total length of the Main Branch is 4,828 linear feet."

"Branch #1 will have a length of 263 feet and will serve small building lots along the northside of the concession road, opposite Lots 31, Concession 3."

"Branch #2 with a length of 635 feet will act as a cut-off for surface water coming from several building Lots along the east side of Highway #31 [now County Road 31] in concession 3."

"Branch #3 with a length of 594 feet will create an outlet for the land North of County Road 28."

- Reuben Mattice Drain & Glen Becker Branch Engineer's Report, May 12, 1975 (page 1)

Van Moorsel Drain

"The drain has its point of commencement on the West side of Highway #31 [now County Road 31], some 1,300 feet North of the South East corner of Lot 31, Concession 3. The drain runs across the highway in an Easterly direction and continues across Lots 30, 29, 28 and 27. It then turns south to a good outlet in the Reuben Mattice Municipal Drain on Lot 26, Concession 2. The total length of the drain is 10,525 ft."

- Van Moorsel Drain Engineer's Report, June 25, 1975 (page 1)

The total contributing watershed boundary was not specified in the 1975 Engineer's Reports, and as many of the smaller properties in Glen Becker are simply referred to as "Lot" rather than the acreage drained, a direct comparison could not be made.

The total estimated contributing drainage areas as reflected under this 2023 updated report are as follows:

Reuben Mattice Drain: ~2,800 acres

Glen Becker Branch: ~165 acres

Van Moorsel Drain: ~450 acres

The Reuben Mattice Drain watershed, which includes the subwatersheds for the Glen Becker Branch and the Van Moorsel Drain, is comprised of predominantly active agricultural lands, but also includes areas of rural residential development and commercial highway development (e.g. Glen Becker/County Road 31). A review of the soil composition, topography and/or terrain was not completed for this report as there were no noted concerns with the capacity of the current channel system, and as improvements would be considered outside the permitted scope of work associated with a Section 76 undertaking.

4.0 DRAINAGE ACT, 1990, PROCESS

4.1 TO DATE

Shade Group Inc. (SGI) was appointed by resolution on October 11, 2023 (Resolution No. 22-26-287) to "prepare a new assessment schedule and update watershed boundaries for the Reuben Mattice & Glen Becker, and Van Moorsel Municipal Drains under Section 76 of the Drainage Act". A copy of the resolution has been enclosed in **Appendix E**.

Invitations to the on-site meeting were mailed to landowners within the watershed immediately following appointment in October 2023 inviting them to attend a meeting at the Township Council Chambers on November 2, 2023.

In the time leading up to the meeting, the Township's Drainage Superintendent fielded various calls with respect to requests for maintenance works or general inquiries about the intentions of the on-site meeting. Approximately 5 landowners attended the on-site meeting. No further correspondence has been brought forth from landowners within the watershed since the on-site meeting, to the best of Shade Group's knowledge.

At the on-site meeting, one landowner questioned the location of the watershed boundary on his property. Following the On-Site Meeting, Shade Group staff conducted a review of the watershed boundary to field verify the approximate limits of the boundary, including a review of the property in question. The boundary was compiled using digitally available data (Ontario Watershed Information Tool); compared again the original Engineer's Report, and field verified for accuracy.

No concerns were brought forth with respect to the inadequacy of the current design as it exists – as it relates to erosion, capacity, etc. With this, it was concluded that a Section 76 undertaking was adequate; no improvements were required at this time.

4.2 NEXT STEPS

Following the submission of this report, the report will be brought to a Meeting to Consider (Section 42).

The clerk of the municipality shall send a copy of the report and a notice stating the date on which the report was filed, the name or designation of the drainage works; and the date of the council meeting at which the report will be considered, to the prescribed people (Section 41).

The Meeting to Consider is held by council, and council may then adopt the report by provisional by-law by giving two readings (Section 45(1)).

Following the Meeting to Consider, and assuming a provisional by-law is adopted by two readings, a notice is sent, including a copy of the provisional by-law (exclusive of the Engineer's Report) of the time and place for the first sitting of the Court of Revision. This notice is sent to each body or person as entitled under Section 41 of the Drainage Act.

Following the completion of addressing all appeals; or the time for appealing has expired, the council may pass the provisional by-law by a third reading, thereby authorizing construction (or maintenance) of the drainage works. Work may then be commenced as early as ten days after the by-law is passed, if no notice of intention to make an application to quash the by-law has been filed with the clerk of the council (Section 58(1)).

Through discussions with Township staff, it is understood that the Township's Drainage Superintendent will oversee the acquisition of all necessary permits, coordinate the hiring of a contractor, oversee any required work, and complete a final walk through of any such

maintenance works upon completion. No engineering involvement is proposed in the maintenance works.

4.3 RESOLUTION AND BY-LAW

Appendix E has been included in this report as a place to attach the applicable resolution and by-law associated with this Section 76 undertaking. The resolution from Shade Group Inc's initial appointment has been enclosed with this submission; and it is recommended that the Drainage Superintendent (or applicable Township Staff) attach a copy of the report adoption by-law following its third reading for ease of future reference.

4.4 LIMITATIONS

The process overview provided in Section 4.2 is provided as a general summary of the next steps to completion. Should the process described conflict with the specifications of the Drainage Act, the Drainage Act shall govern. The process described is provided as a summary only, the Township clerk shall be responsible for ensuring that the applicable administration works are completed in accordance with the specifications of the Drainage Act.

5.0 ASSESSMENTS

Given the number of changes to the watershed, including land divisions (severances), changes in housing density and inaccuracies between overlapping watersheds, an update to the assessment schedules for the Reuben-Mattice, Glen-Becker Van Moorsel Drains has been undertaken to fairly assess costs for current and future maintenance to all of those encompassed within the watersheds.

As per Section 21 of *the Act*, "*The engineer in the report shall assess for benefit, outlet liability and injuring liability, and shall insert in an assessment schedule, in separate columns, the sums assessed for each opposite each parcel of land and road liable therefor.*" As this is an existing drain and the scope of works does not include any works that would be considered injuring to lands or roads, injuring liability is not applicable.

As the overall changes to the land use have been minimal *for lands directly abutting the drain*, and as it can reasonably be assumed that the overall benefit to outlet ratio of the drain can be considered to be relatively proportional today to that of 1975 (i.e. the benefit area has not measurably changed in size); the overall benefit assessment proportions have not been changed from that of the 1975 reports, and have instead been reapportioned amongst the lands who meet the definition of such an assessment. Under *the Act*, lands eligible for benefits assessment are defined as those "*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. R.S.O. 1990, c. D.17, s. 22.*"

Finally, all lands within the watershed are assessed outlet liability, which is defined as *“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 liability. R.S.O. 1990, c. D.17, s. 23 (1).”*

The method for determining the appropriate apportionment of benefit and outlet liability assessment is the responsibility of the appointed Drainage Engineer. The Drainage Engineer shall use their best judgement to determine an apportionment that is considered fair to all those assessed.

For the purposes of assessing outlet and benefit across the lands within the watershed, the Drainage Engineer has generally followed the Factored Areas Method. Under this method, the areas of land within the watershed are assigned factors based on land use, proximity to the drain (distance factor), and general location in the watershed (sub-section factor). The summation of these factors provides a factored area that allows lands within the watershed to be compared on what has been considered a fair basis. The appropriate factors are assigned by the engineer, on a case-by-case basis, as deemed appropriate and fair by the engineer.

5.1 LAND USE FACTORS

Each property was assigned a land use based on current aerial mapping. The assigned values for the respective land use have been summarized in Table 1.

Table 1: 2023 Land Use Factors

Land Use Description	Factor
Agricultural / Vacant Land / Unprotected Forests	1.0
Commercial	4.0
Managed Forest	0.70
Large Lot Residential (>2ha)	1.0
Small Residential (<2ha)	2.0
Roads	2.0
Provincially Significant Wetlands	0.5

Unprotected forest refers to undeveloped lands that may include significant tree cover. Given that the Municipality does not have a tree clearing by-law, these lands are considered to have the potential for development, unless otherwise registered as a Managed Forest (Managed Forest Tax Incentive Program); or designated as Provincially Significant Wetland by the Province's mapping. As such, they are assigned the same factor as agricultural or vacant lands as they are not protected by legislation.

Properties with wetlands were determined based on provincial mapping that describes Provincially Significant Wetlands (PSWs) and their associated mapped limits as these lands are afforded protection from development under current legislation. Unevaluated wetlands were not assessed as wetlands, as unevaluated wetlands are generally not automatically afforded the same level of limitations for development. While they may still have limitations, that is generally only determined on a case-by-case basis (i.e. through a site specific evaluation), which is beyond the scope of this report.

5.2 DISTANCE FACTORS

Each property within the drain was assigned a distance factor based on offsetting measurements from the applicable channel. The distance factors for the Reuben Mattice Drain and Van Moorsel Drain were as follows:

Table 2: 2023 Distance Factors (Reuben Mattice Drain)

Offset (m)	Factor
0 – 200	1.0
200 – 400	0.67
400 – 600	0.33
> 600	0.15

Table 3: 2023 Distance Factors (Van Moorsel Drain)

Offset (m)	Factor
0 – 100	1.0
100 – 200	0.75
200 – 300	0.50
300 – 400	0.25
> 600	0.10

No distance factors were assigned to the Glen Becker Drain given the generally small watershed boundary – and as the majority of the watershed is within a close proximity to the main drain or branches 1 through 3.

For the Reuben Mattice Drain and Van Moorsel Drain, the channel alignments were offset the respective amounts and the areas between the offsets were assigned the respective factors (see Tables 2 and 3).

Each property was assigned a value based on their location relative to the channel. Where properties were encompassed within multiple factor areas, a prorated factor value was

established (e.g. if half the property is within the 100m offset and the other half within 100-200m; the property would be assigned a value of $0.5 \times 1.0 + 0.5 \times 0.75 = 0.875$).

5.3 SUB-SECTION FACTORS

Each property was assigned a factor between 1.0 and 0.10 based on their relative location in the watershed. Properties farthest upstream (top of the watershed) benefit from the entire length of the drain and were assigned a factor of 1.0, while properties at the outlet of the drain only make use of a small relative apportionment of the total system; and were assigned a smaller factor. Properties throughout the watershed were then assigned factors between 1.0 and 0.10 based on their relative location within the watershed. Factors were determined based on the approximate outlet station of where water from the property would be expected to enter the respective drain, and pro-rated accordingly.

For example, when calculating the assessments for the Reuben Mattice – for lands that drain directly into the Van Moorsel, these properties are assigned a factor of 0.42 as the Van Moorsel Drain outlets to the Reuben Mattice Drain at Station 91+34 (with 158+19 being the outlet).

This would be calculated as follows:

$$(15,819 - 9,134) / 15,819 = 0.42$$

This calculation equates the total linear length of drain used (15,819 – 9,134; where 15,819 is the total length of the drain in feet, and 9,134 is the point at which the Van Moorsel Drain enters the Reuben Mattice Drain) and assigns that value as a factor.

Sub-section factors were assigned to each drain respectively. A property located on the Van Moorsel Drain would be assessed to the Van Moorsel Drain Assessment Schedule – and also to the Reuben Mattice Drain Assessment Schedule – with different factors for each based on the calculations associate with the respective drains.

The summation of these factors (land use, distance and sub-section) was used to determine an equivalent area, which was used to determine the apportionment of the associated outlet liability for each property.

6.0 MAINTENANCE ESTIMATES

For the purposes of preparing this Engineer's Report, I have prepared anticipated construction costs for maintenance based on an assumed maintenance practice. Future maintenance requirements are expected to be determined by the Drainage Superintendent. Where cleanout works can be reduced to spot cleanouts, the Drainage Superintendent can, at their discretion, adjust the maintenance works as needed to suit the needs at that time.

For the purposes of this report, I have used the following scope as a means of determining associated maintenance costs – to assign a value to the apportionment of costs. Actual maintenance costs may be higher or lower than those estimated herein, and final billing would be based on an assessment of costs to all landowners upstream of the works performed.

Reuben Mattice Assumed Scope:

- Bottom only cleanout of ~4,820 m (15,819 ft) of the Reuben Mattice Drain;
- Brushing to allow for equipment access;
- Temporary erosion and sediment control measures (at the direction of the applicable approval agencies).

The maintenance works noted above are estimated to be \$55,800 + HST.

Glen Becker Assumed Scope:

- Bottom only cleanout of ~1,980 m (6,505 ft) of the Glen Becker Branch (includes Branches 1, 2 and 3).
- Brushing to allow for equipment access;
- Temporary erosion and sediment control measures (at the direction of the applicable approval agencies).

The anticipated maintenance works noted above are estimated to be \$29,850+HST.

Van Moorsel Assumed Scope:

- Bottom only cleanout of ~3,165 m (10,382 ft) of the Van Moorsel Drain;
- Brushing to allow for equipment access;
- Temporary erosion and sediment control measures (at the direction of the applicable approval agencies).

The anticipated maintenance works noted above are estimated to be \$39,500+HST.

Should the works include on a partial cleanout (e.g. only one branch, or only part of the drain), only those lands upstream of the proposed works would be assessed for maintenance. The extents of the cleanout remain at the discretion of the Township's Drainage Superintendent.

All estimates are based on 2023 dollars. Future typical maintenance costs may increase based on inflation. Final maintenance costs may be higher/lower than those estimated above depending on the site conditions at the time of the maintenance works and depending on the method of hiring that the Township chooses to undertake (i.e. sole source/hourly rates versus tendering).

Under the 1975 Engineer's Report, no separate assessment was prepared for the respective branches of the Glen Becker Branch Drain. In fitting with the previously adopted approach,

separate assessments have not been prepared for each of the Branches. It has been assumed that maintenance work undertaken would be of the entirety of the drain – including all branches. If only a partial cleanout is completed, those lands upstream of the cleanout would be assessed in the apportionments noted in the attached assessment schedule.

7.0 FUTURE MAINTENANCE

This report is limited to updating the schedules of assessment to allow for fair assessment of future maintenance works. All maintenance works should be performed in accordance with the specifications of the 1975 Engineer's Reports prepared by Stidwill & Associates Limited. As such, those works would be considered maintenance and would be performed under Section 74 of the Drainage Act.

When assessing out the works performed under Section 74, in accordance with the design specifications of the 1975 Engineer's Reports, the Township shall use the applicable schedule of assessment enclosed herein (**Appendix C**). Where partial cleanout works are completed, only those lands upstream of the works would be assessed, in fitting with the specifications of the Drainage Act.

8.0 ENGINEERING COSTS

The cost associated with the preparation of this report are estimated to be \$13,750 (exclusive of taxes). This estimate does not account for our involvement in any appeals to the Court of Revision, Tribunal or the Referee, but does include for attendance at the first mandated sitting of the Court of Revision. Responding to appeals, if applicable, would be subject to additional fees.

All such engineering costs are to be assessed to the landowners within the watershed in the apportionments as provided in the Assessment Schedules (Schedule 'A', 'B' and 'C') as enclosed in **Appendix D**.

Projects under Section 76, including the preparation of this report and the associated assessment schedules *are not* eligible for provincial grant.

9.0 GRANTS

Properties that are registered with the Ontario Ministry of Agriculture, Food and Rural Affairs (OMAFRA) for the Farm Property Class Tax Rate Program may be eligible for a 1/3 grant from the Province. As eligibility requires active status with OMAFRA, the grant has not been reflected on current assessment schedules. If you have any questions on whether your property is eligible for grant, please contact the Township's Drainage Superintendent.

As per Section 85 of the Drainage Act, only projects performed under Section 4, 74 and 78 are eligible for provincial grant. With that, the engineering costs associated with this Section 76 report are not eligible for grant. Maintenance works hereafter are to be performed in accordance with the original Engineer's Report (1975) and the construction maintenance works would be considered as works performed under Section 74 and would be expected to be eligible for grant.

10.0 CLOSING

This report is respectfully submitted to the Council of the Municipality of South Dundas this January 29, 2024.

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

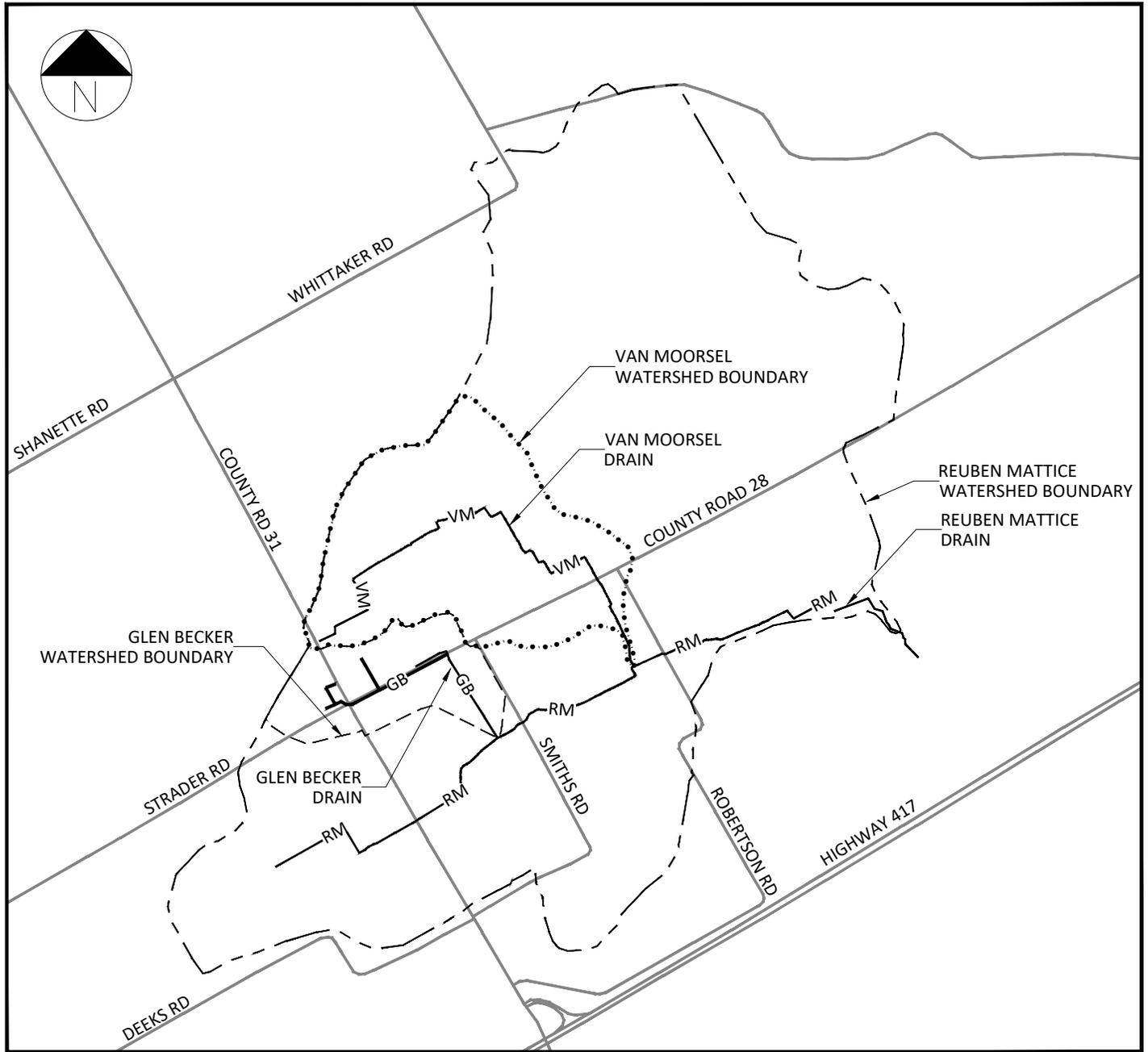


Monica Shade, P. Eng.
Drainage Engineer
Shade Group Inc.



APPENDIX A
LOCATION PLAN





LOCATION PLAN
N.T.S.

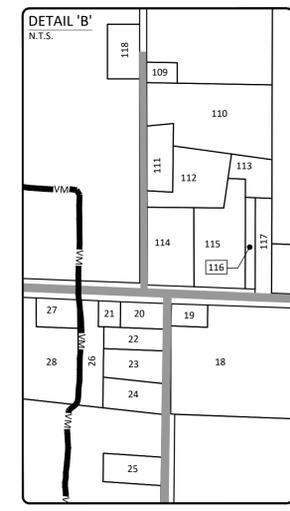
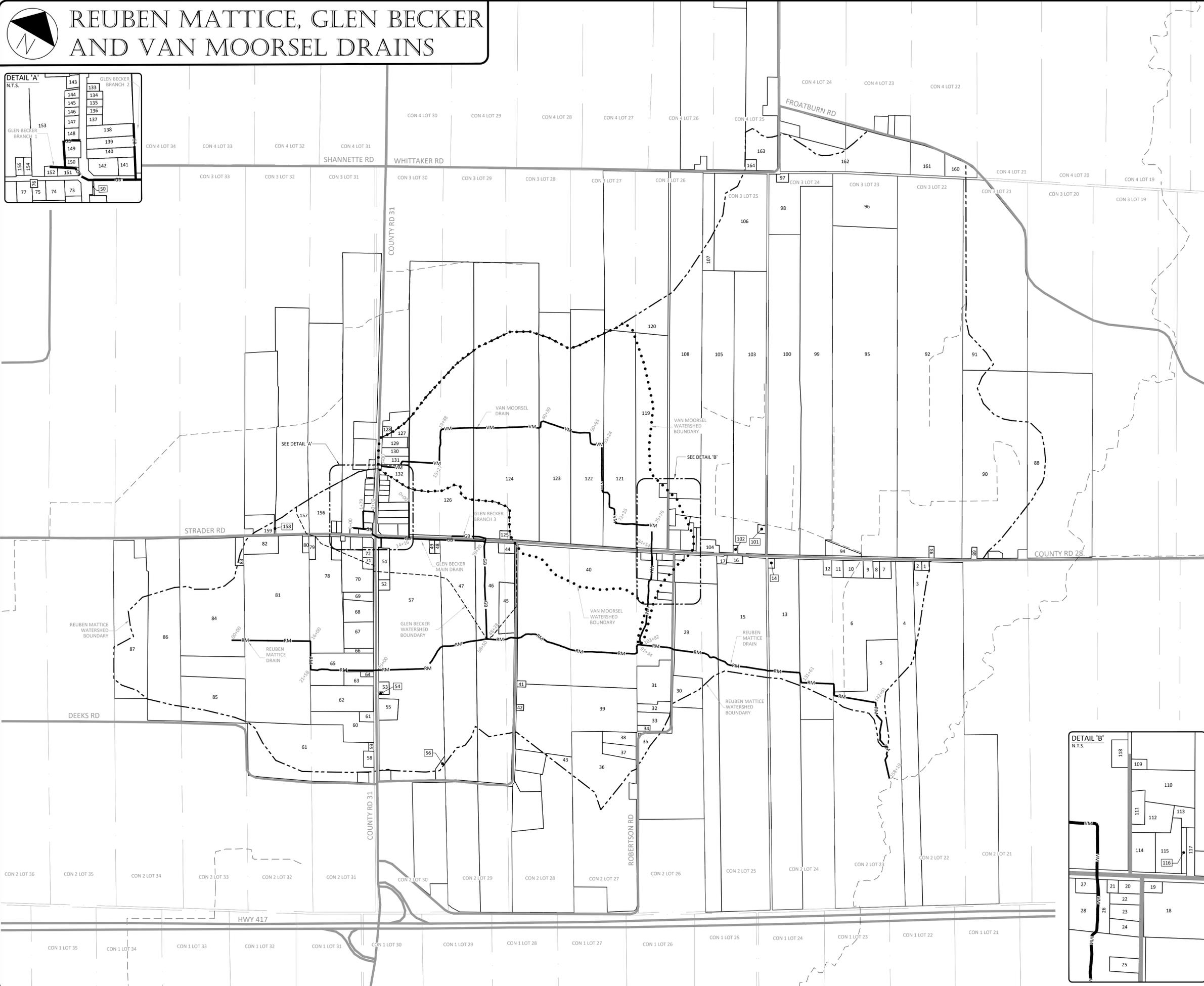
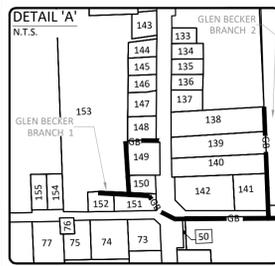
REUBEN MATTICE, VAN MOORSEL
AND GLEN BECKER DRAINS
SOUTH DUNDAS, ON



APPENDIX B
DRAINAGE PLANS



REUBEN MATTICE, GLEN BECKER AND VAN MOORSEL DRAINS



SITE LOCATION MAP
SCALE BAR 0 500 1000m
ALL DIMENSIONS ARE IN METRES. DO NOT SCALE DRAWING

PAGE SIZE 24" x 36" SCALE 1:10,000
SHADE GROUP INC.
4625 MARCH ROAD
ALMONTE, ONTARIO
K0A 1A0



- LEGEND**
- APPROX. PROPERTY LINES (PER S.D.G. COMMUNITY MAP GIS)
 - ROAD
 - RM REUBEN MATTICE DRAIN ALIGNMENT
 - GB GLEN BECKER DRAIN ALIGNMENT
 - VM VAN MOORSEL DRAIN ALIGNMENT
 - - - REUBEN MATTICE DRAIN WATERSHED BOUNDARY
 - - - GLEN BECKER DRAIN WATERSHED BOUNDARY
 - VAN MOORSEL DRAIN WATERSHED BOUNDARY
 - - - WATERCOURSES
 - 00+00 APPROX. PREVIOUS STATIONS (FT - 1975)
 - - - LOT AND CONCESSION LINES
 - #1 PROPERTY ID REFERENCE

- NOTES**
1. ALL STATION LABELS ARE APPROXIMATE AND HAVE BEEN REFERENCED FROM THE APPLICABLE 1975 ENGINEER'S REPORTS AS PREPARED BY STIDWILL & ASSOCIATES LTD. THIS MAP IS FOR INFORMATION PURPOSES ONLY AND IMPLIES NO GUARANTEE OF ACCURACY. DO NOT SCALE DRAWING.
 2. MAINTENANCE WORKS SHOULD BE COMPLETED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE 1975 ENGINEER'S REPORTS AS PREPARED BY STIDWILL & ASSOCIATES LTD.
 3. ALL PROPERTY LINE INFORMATION WAS SUPPLIED BY THE UNITED COUNTIES OF STORMONT, DUNDAS & GLENGARRY, AS ACQUIRED FROM THEIR GEOGRAPHIC INFORMATION SYSTEM (GIS) NOVEMBER 2023. PROPERTY LINES ARE NOT SURVEY ACCURATE.

ISSUED WITH REPORT	NOVEMBER 2023
REV. #	REVISION DESCRIPTION DATE
STAMP	

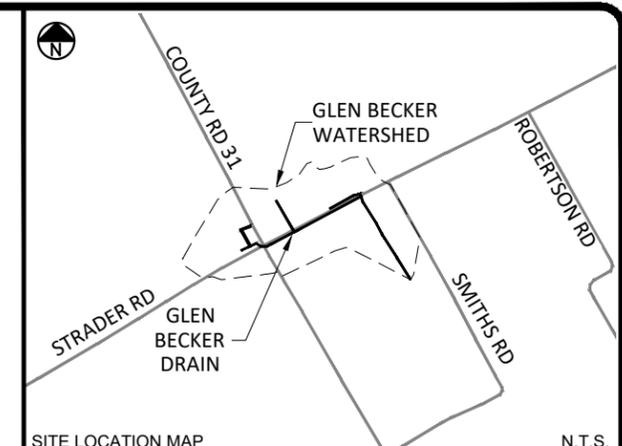
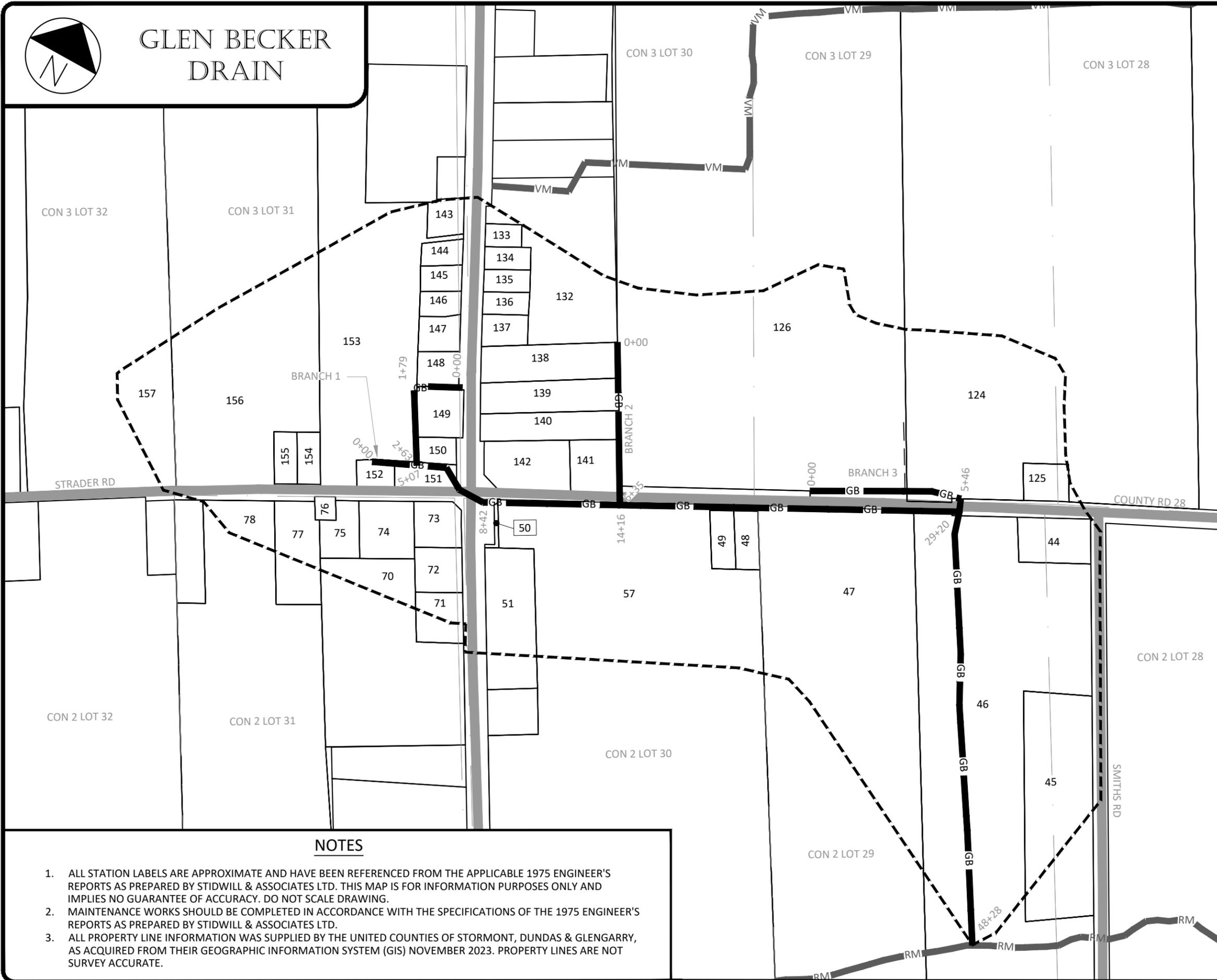
PROJECT TITLE **REUBEN MATTICE, GLEN BECKER, AND VAN MOORSEL DRAINS**

DRAWING TITLE **WATERSHED MAP**

DRAWING NO. **1 OF 4**



GLEN BECKER DRAIN



SITE LOCATION MAP N.T.S.
 SCALE BAR 0 75 150 300m
 ALL DIMENSIONS ARE IN METRES. DO NOT SCALE DRAWING
 PAGE SIZE 11" x 17" SCALE 1:5,000

SHADE GROUP INC.
 4625 MARCH ROAD
 ALMONTE, ONTARIO
 K0A 1A0

LEGEND

	APPROX. PROPERTY LINE (PER S.D.G. COMMUNITY MAP GIS)
	GLEN BECKER DRAIN ALIGNMENT
	GLEN BECKER DRAIN WATERSHED BOUNDARY
	VAN MOORSEL DRAIN ALIGNMENT
	REUBEN MATTICE DRAIN ALIGNMENT
	WATERCOURSE
	ROAD
00+00	APPROX. STATIONS (FT-1975)
	LOT AND CONCESSION LINES
#1	PROPERTY ID REFERENCE

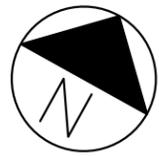
00	ISSUED WITH REPORT	NOVEMBER 2023
REV.	DESCRIPTION	DATE



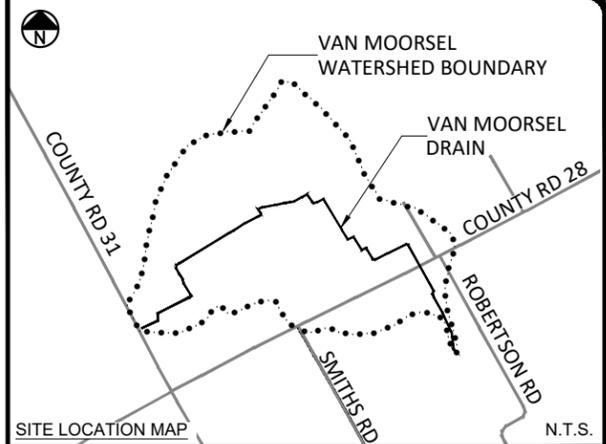
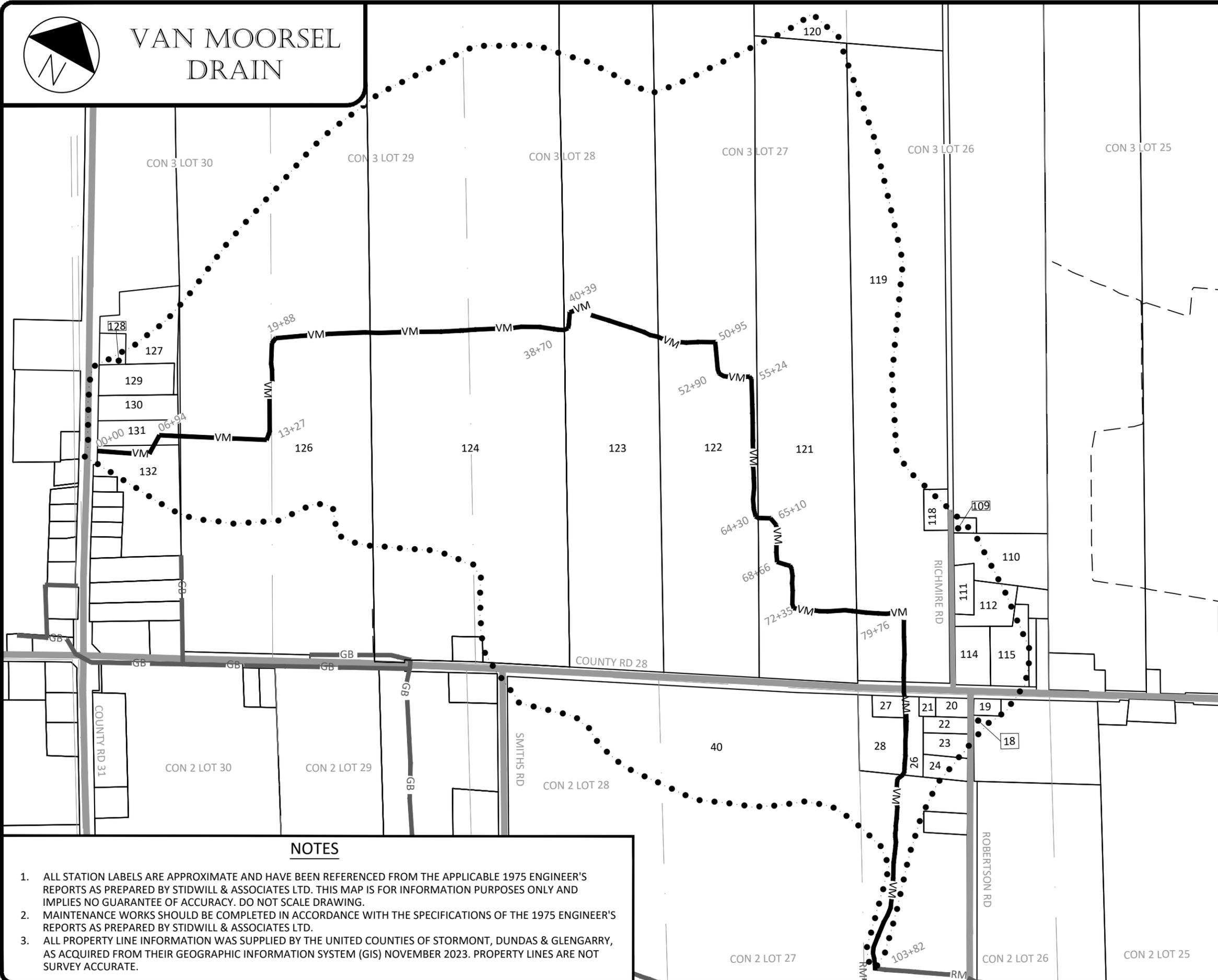
PROJECT TITLE	GLEN BECKER DRAIN
DRAWING TITLE	WATERSHED MAP
DRAWING NO.	3 OF 4

NOTES

1. ALL STATION LABELS ARE APPROXIMATE AND HAVE BEEN REFERENCED FROM THE APPLICABLE 1975 ENGINEER'S REPORTS AS PREPARED BY STIDWILL & ASSOCIATES LTD. THIS MAP IS FOR INFORMATION PURPOSES ONLY AND IMPLIES NO GUARANTEE OF ACCURACY. DO NOT SCALE DRAWING.
2. MAINTENANCE WORKS SHOULD BE COMPLETED IN ACCORDANCE WITH THE SPECIFICATIONS OF THE 1975 ENGINEER'S REPORTS AS PREPARED BY STIDWILL & ASSOCIATES LTD.
3. ALL PROPERTY LINE INFORMATION WAS SUPPLIED BY THE UNITED COUNTIES OF STORMONT, DUNDAS & GLENGARRY, AS ACQUIRED FROM THEIR GEOGRAPHIC INFORMATION SYSTEM (GIS) NOVEMBER 2023. PROPERTY LINES ARE NOT SURVEY ACCURATE.



VAN MOORSEL DRAIN



SCALE BAR 0 100 200 400m
 ALL DIMENSIONS ARE IN METRES. DO NOT SCALE DRAWING
 PAGE SIZE 11" x 17" SCALE 1:7,500

SHADE GROUP INC.
 4625 MARCH ROAD
 ALMONTE, ONTARIO
 K0A 1A0

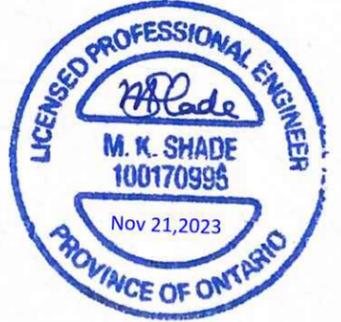


LEGEND

	APPROX. PROPERTY LINE (PER S.D.G. COMMUNITY MAP GIS)
	VAN MOORSEL DRAIN ALIGNMENT
	VAN MOORSEL DRAIN WATERSHED BOUNDARY
	GLEN BECKER DRAIN ALIGNMENT
	REUBEN MATTICE DRAIN ALIGNMENT
	WATERCOURSE
	ROAD
00+00	APPROX. PREVIOUS STATIONS (FT-1975)
	LOT AND CONCESSION LINES
#1	PROPERTY ID REFERENCE

00	ISSUED WITH REPORT	NOVEMBER 2023
REV.	DESCRIPTION	DATE

STAMP



PROJECT TITLE	VAN MOORSEL DRAIN
DRAWING TITLE	WATERSHED MAP
DRAWING NO.	4 OF 4

NOTES

1. ALL STATION LABELS ARE APPROXIMATE AND HAVE BEEN REFERENCED FROM THE APPLICABLE 1975 ENGINEER'S REPORTS AS PREPARED BY STIDWILL & ASSOCIATES LTD. THIS MAP IS FOR INFORMATION PURPOSES ONLY AND IMPLIES NO GUARANTEE OF ACCURACY. DO NOT SCALE DRAWING.
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3. ALL PROPERTY LINE INFORMATION WAS SUPPLIED BY THE UNITED COUNTIES OF STORMONT, DUNDAS & GLENGARRY, AS ACQUIRED FROM THEIR GEOGRAPHIC INFORMATION SYSTEM (GIS) NOVEMBER 2023. PROPERTY LINES ARE NOT SURVEY ACCURATE.

APPENDIX C

ASSESSMENT SCHEDULES – FUTURE MAINTENANCE

Assessment Schedule - Updated 2023
Schedule 'A'
Reuben Mattice Drain - Real Properties
Construction - For Future Maintenance

Property ID No.	Roll No.	Lot/Con	Outlet (\$)	Benefit (\$)	Est Assess. (\$)*
1	50600100342600	LOT 22, CON 2	\$ 1.20	\$ -	\$ 1.20
2	50600100342500	LOT 22, CON 2	\$ 1.16	\$ -	\$ 1.16
3	50600100340800	LOT 22, CON 2	\$ 9.95	\$ -	\$ 9.95
4	50600100342000	LOT 22, CON 2	\$ 42.61	\$ 191.15	\$ 233.76
5	50600100343200	LOT 23, CON 2	\$ 152.55	\$ 972.53	\$ 1,125.08
6	50600100343600	LOT 23, CON 2	\$ 380.26	\$ 885.26	\$ 1,265.52
7	50600100342900	LOT 23, CON 2	\$ 3.48	\$ -	\$ 3.48
8	50600100343100	LOT 23, CON 2	\$ 2.31	\$ -	\$ 2.31
9	50600100343000	LOT 23, CON 2	\$ 3.70	\$ -	\$ 3.70
10	50600100342800	LOT 23, CON 2	\$ 3.92	\$ -	\$ 3.92
11	50600100342810	LOT 23, CON 2	\$ 4.55	\$ -	\$ 4.55
12	50600100344400	LOT 24, CON 2	\$ 2.80	\$ -	\$ 2.80
13	50600100345000	LOT 24, CON 2	\$ 159.64	\$ 714.87	\$ 874.51
14	50600100345200	LOT 24, CON 2	\$ 1.14	\$ -	\$ 1.14
15	50600100345600	LOT 25, CON 2	\$ 448.50	\$ 1,134.61	\$ 1,583.11
16	50600100345400	LOT 25, CON 2	\$ 4.46	\$ -	\$ 4.46
17	50600100346200	LOT 25, CON 2	\$ 3.12	\$ -	\$ 3.12
18	50600100347400	LOT 26, CON 2	\$ 22.56	\$ -	\$ 22.56
19	50600100346800	LOT 26, CON 2	\$ 5.72	\$ -	\$ 5.72
20	50600100348600	LOT 26, CON 2	\$ 7.88	\$ -	\$ 7.88
21	50600100348800	LOT 26, CON 2	\$ 4.01	\$ -	\$ 4.01
22	50600100349400	LOT 26, CON 2	\$ 9.23	\$ -	\$ 9.23
23	50600100351200	LOT 26, CON 2	\$ 12.89	\$ -	\$ 12.89
24	50600100351800	LOT 26, CON 2	\$ 10.85	\$ -	\$ 10.85
25	50600100353600	LOT 26, CON 2	\$ 21.95	\$ -	\$ 21.95

Assessment Schedule - Updated 2023
Schedule 'A'
Reuben Mattice Drain - Real Properties
Construction - For Future Maintenance

Property ID No.	Roll No.	Lot/Con	Outlet (\$)	Benefit (\$)	Est Assess. (\$)*
26	50600100350800	LOT 26, CON 2	\$ 19.35	\$ -	\$ 19.35
27	50600100351000	LOT 26, CON 2	\$ 8.41	\$ -	\$ 8.41
28	50600100351100	LOT 26, CON 2	\$ 39.11	\$ -	\$ 39.11
29	50600100348000	LOT 26, CON 2	\$ 512.33	\$ 232.70	\$ 745.03
30	50600100358800	LOT 26, CON 2	\$ 66.49	\$ -	\$ 66.49
31	50600100354000	LOT 26, CON 2	\$ 182.69	\$ -	\$ 182.69
32	50600100353000	LOT 26, CON 2	\$ 34.96	\$ -	\$ 34.96
33	50600100354800	LOT 26, CON 2	\$ 38.30	\$ -	\$ 38.30
34	50600100355200	LOT 26, CON 2	\$ 7.94	\$ -	\$ 7.94
35	50600100354600	LOT 26, CON 2	\$ 16.75	\$ -	\$ 16.75
36	50600100357000	LOT 27, CON 2	\$ 102.64	\$ -	\$ 102.64
37	50600100357100	LOT 27, CON 2	\$ 24.79	\$ -	\$ 24.79
38	50600100357200	LOT 27, CON 2	\$ 26.81	\$ -	\$ 26.81
39	50600100360000	LOT 27, CON 2	\$ 640.38	\$ 324.17	\$ 964.55
40	50600100358800	LOT 27, CON 2	\$ 2,937.14	\$ 4,696.43	\$ 7,633.57
41	50600100359000	LOT 28, CON 2	\$ 14.28	\$ -	\$ 14.28
42	50600100360600	LOT 28, CON 2	\$ 7.43	\$ -	\$ 7.43
43	50600100358200	LOT 28, CON 2	\$ 7.32	\$ -	\$ 7.32
44	50600100359400	LOT 28, CON 2	\$ 27.24	\$ 97.70	\$ 124.94
45	50600100358800	LOT 28, CON 2	\$ 168.04	\$ -	\$ 168.04
46	50600100361200	LOT 28, CON 2	\$ 1,074.91	\$ 822.95	\$ 1,897.86
47	50600100361800	LOT 29, CON 2	\$ 1,227.58	\$ 1,595.94	\$ 2,823.52
48	50600100362800	LOT 30, CON 2	\$ 9.78	\$ -	\$ 9.78
49	50600100362810	LOT 30, CON 2	\$ 9.35	\$ -	\$ 9.35
50	50600100364802	LOT 30, CON 2	\$ 0.76	\$ -	\$ 0.76

Assessment Schedule - Updated 2023
Schedule 'A'
Reuben Mattice Drain - Real Properties
Construction - For Future Maintenance

Property ID No.	Roll No.	Lot/Con	Outlet (\$)	Benefit (\$)	Est Assess. (\$)*
51	50600100364900	LOT 30, CON 2	\$ 29.27	\$ -	\$ 29.27
52	50600100364200	LOT 30, CON 2	\$ 24.16	\$ -	\$ 24.16
53	50600100365200	LOT 30, CON 2	\$ 149.25	\$ -	\$ 149.25
54	50600100365000	LOT 30, CON 2	\$ 13.79	\$ -	\$ 13.79
55	50600100364850	LOT 30, CON 2	\$ 374.81	\$ -	\$ 374.81
56	50600100364800	LOT 30, CON 2	\$ 11.08	\$ -	\$ 11.08
57	50600100364802	LOT 30, CON 2	\$ 2,655.78	\$ 3,669.82	\$ 6,325.60
58	50600100373400	LOT 31, CON 2	\$ 68.87	\$ -	\$ 68.87
59	50600100368400	LOT 31, CON 2	\$ 9.12	\$ -	\$ 9.12
60	50600100370200	LOT 31, CON 2	\$ 507.92	\$ -	\$ 507.92
61	50600100369600	LOT 31, CON 2	\$ 123.68	\$ -	\$ 123.68
62	50600100369000	LOT 31, CON 2	\$ 1,919.16	\$ 596.37	\$ 2,515.53
63	50600100371400	LOT 31, CON 2	\$ 113.31	\$ 596.41	\$ 709.72
64	50600100371600	LOT 31, CON 2	\$ 20.85	\$ -	\$ 20.85
65	50600100372000	LOT 31, CON 2	\$ 2,156.33	\$ 1,192.85	\$ 3,349.18
66	50600100367200	LOT 31, CON 2	\$ 175.92	\$ -	\$ 175.92
67	50600100372600	LOT 31, CON 2	\$ 823.06	\$ 124.71	\$ 947.77
68	50600100367050	LOT 31, CON 2	\$ 138.59	\$ -	\$ 138.59
69	50600100367000	LOT 31, CON 2	\$ 106.90	\$ -	\$ 106.90
70	50600100366900	LOT 31, CON 2	\$ 182.38	\$ -	\$ 182.38
71	50600100366600	LOT 31, CON 2	\$ 19.84	\$ -	\$ 19.84
72	50600100366925	LOT 31, CON 2	\$ 17.75	\$ -	\$ 17.75
73	50600100366924	LOT 31, CON 2	\$ 15.33	\$ -	\$ 15.33
74	50600100366920	LOT 31, CON 2	\$ 23.13	\$ -	\$ 23.13
75	50600100367100	LOT 31, CON 2	\$ 14.93	\$ -	\$ 14.93

Assessment Schedule - Updated 2023
Schedule 'A'
Reuben Mattice Drain - Real Properties
Construction - For Future Maintenance

Property ID No.	Roll No.	Lot/Con	Outlet (\$)	Benefit (\$)	Est Assess. (\$)*
76	50600100367800	LOT 31, CON 2	\$ 4.78	\$ -	\$ 4.78
77	50600100367820	LOT 31, CON 2	\$ 35.70	\$ -	\$ 35.70
78	50600100367900	LOT 31, CON 2	\$ 909.16	\$ 1,275.96	\$ 2,185.12
79	50600100367950	LOT 31, CON 2	\$ 32.44	\$ -	\$ 32.44
80	50600100374900	LOT 31, CON 2	\$ 22.64	\$ -	\$ 22.64
81	50600100375000	LOT 31, CON 2	\$ 3,759.03	\$ 3,370.60	\$ 7,129.63
82	50600100375500	LOT 32, CON 2	\$ 69.66	\$ -	\$ 69.66
83	50600100376800	LOT 32, CON 2	\$ 9.58	\$ -	\$ 9.58
84	50600100376802	LOT 32, CON 2	\$ 1,490.20	\$ 2,502.04	\$ 3,992.24
85	50600100376200	LOT 33, CON 2	\$ 518.46	\$ -	\$ 518.46
86	50600100377600	LOT 33, CON 2	\$ 611.62	\$ 128.84	\$ 740.46
87	50600100378750	LOT 33, CON 2	\$ 226.70	\$ -	\$ 226.70
88	50600100421200	LOT 34, CON 2	\$ 9.72	\$ -	\$ 9.72
89	50600100423000	LOT 34, CON 2	\$ 1.21	\$ -	\$ 1.21
90	50600100422400	LOT 20, CON 3	\$ 79.13	\$ -	\$ 79.13
91	50600100421800	LOT 21, CON 3	\$ 11.13	\$ -	\$ 11.13
92	50600100424200	LOT 21, CON 3	\$ 220.25	\$ -	\$ 220.25
93	50600100423620	LOT 21, CON 3	\$ 1.07	\$ -	\$ 1.07
94	50600100425402	LOT 22, CON 3	\$ 5.68	\$ -	\$ 5.68
95	50600100425400	LOT 22, CON 3	\$ 188.03	\$ -	\$ 188.03
96	50600100424800	LOT 23, CON 3	\$ 30.24	\$ -	\$ 30.24
97	50600100426000	LOT 23, CON 3	\$ 1.84	\$ -	\$ 1.84
98	50600100426200	LOT 23, CON 3	\$ 19.75	\$ -	\$ 19.75
99	50600100426600	LOT 24, CON 3	\$ 104.12	\$ -	\$ 104.12
100	50600100427200	LOT 24, CON 3	\$ 91.62	\$ -	\$ 91.62

Assessment Schedule - Updated 2023
Schedule 'A'
Reuben Mattice Drain - Real Properties
Construction - For Future Maintenance

Property ID No.	Roll No.	Lot/Con	Outlet (\$)	Benefit (\$)	Est Assess. (\$)*
101	50600100428700	LOT 24, CON 3	\$ 1.12	\$ -	\$ 1.12
102	50600100428500	LOT 24, CON 3	\$ 0.71	\$ -	\$ 0.71
103	50600100428600	LOT 25, CON 3	\$ 80.01	\$ -	\$ 80.01
104	50600100429000	LOT 25, CON 3	\$ 3.91	\$ -	\$ 3.91
105	50600100428400	LOT 25, CON 3	\$ 79.04	\$ -	\$ 79.04
106	50600100427800	LOT 25, CON 3	\$ 38.97	\$ -	\$ 38.97
107	50600100427850	LOT 25, CON 3	\$ 2.98	\$ -	\$ 2.98
108	50600100438400	LOT 25, CON 3	\$ 63.48	\$ -	\$ 63.48
109	50600100437200	LOT 25, CON 3	\$ 2.00	\$ -	\$ 2.00
110	50600100436600	LOT 26, CON 3	\$ 25.42	\$ -	\$ 25.42
111	50600100435600	LOT 26, CON 3	\$ 5.60	\$ -	\$ 5.60
112	50600100433800	LOT 26, CON 3	\$ 11.51	\$ -	\$ 11.51
113	50600100438400	LOT 26, CON 3	\$ 2.14	\$ -	\$ 2.14
114	50600100433200	LOT 26, CON 3	\$ 14.50	\$ -	\$ 14.50
115	50600100430800	LOT 26, CON 3	\$ 17.37	\$ -	\$ 17.37
116	50600100430200	LOT 26, CON 3	\$ 0.58	\$ -	\$ 0.58
117	50600100429600	LOT 26, CON 3	\$ 2.12	\$ -	\$ 2.12
118	50600100439000	LOT 26, CON 3	\$ 5.66	\$ -	\$ 5.66
119	50600100439200	LOT 26, CON 3	\$ 172.32	\$ -	\$ 172.32
120	50600100439300	LOT 26, CON 3	\$ 28.87	\$ -	\$ 28.87
121	50600100440200	LOT 26, CON 3	\$ 177.25	\$ -	\$ 177.25
122	50600100440800	LOT 26, CON 3	\$ 170.29	\$ -	\$ 170.29
123	50600100440900	LOT 26, CON 3	\$ 167.18	\$ -	\$ 167.18
124	50600100442000	LOT 27, CON 3	\$ 340.00	\$ -	\$ 340.00
125	50600100442050	LOT 27, CON 3	\$ 7.56	\$ -	\$ 7.56

Assessment Schedule - Updated 2023
Schedule 'A'
Reuben Mattice Drain - Real Properties
Construction - For Future Maintenance

Property ID No.	Roll No.	Lot/Con	Outlet (\$)	Benefit (\$)	Est Assess. (\$)*
126	50600100442600	LOT 28, CON 3	\$ 251.23	\$ -	\$ 251.23
127	50600100451800	LOT 28, CON 3	\$ 5.21	\$ -	\$ 5.21
128	50600100451600	LOT 28, CON 3	\$ 0.90	\$ -	\$ 0.90
129		LOT 28, CON 3	\$ 13.36	\$ -	\$ 13.36
130		LOT 29, CON 3	\$ 13.87	\$ -	\$ 13.87
131		LOT 30, CON 3	\$ 14.01	\$ -	\$ 14.01
132	50600100448600	LOT 30, CON 3	\$ 37.21	\$ -	\$ 37.21
133	50600100448000	LOT 30, CON 3	\$ 3.15	\$ -	\$ 3.15
134	50600100447400	LOT 30, CON 3	\$ 3.97	\$ -	\$ 3.97
135	50600100449800	LOT 30, CON 3	\$ 3.97	\$ -	\$ 3.97
136	50600100451000	LOT 30, CON 3	\$ 3.97	\$ -	\$ 3.97
137	50600100450400	LOT 30, CON 3	\$ 5.47	\$ -	\$ 5.47
138	50600100446800	LOT 30, CON 3	\$ 18.81	\$ -	\$ 18.81
139	50600100446200	LOT 30, CON 3	\$ 16.62	\$ -	\$ 16.62
140	50600100445600	LOT 30, CON 3	\$ 14.94	\$ -	\$ 14.94
141	50600100444400	LOT 30, CON 3	\$ 10.28	\$ -	\$ 10.28
142	50600100445000	LOT 30, CON 3	\$ 16.10	\$ -	\$ 16.10
143	50600100458410	LOT 30, CON 3	\$ 5.05	\$ -	\$ 5.05
144	50600100458301	LOT 30, CON 3	\$ 3.85	\$ -	\$ 3.85
145	50600100458300	LOT 30, CON 3	\$ 4.05	\$ -	\$ 4.05
146	50600100458200	LOT 31, CON 3	\$ 3.90	\$ -	\$ 3.90
147	50600100458000	LOT 31, CON 3	\$ 5.63	\$ -	\$ 5.63
148	50600100458100	LOT 31, CON 3	\$ 5.50	\$ -	\$ 5.50
149	50600100460000	LOT 31, CON 3	\$ 18.02	\$ -	\$ 18.02
150	50600100460600	LOT 31, CON 3	\$ 3.94	\$ -	\$ 3.94

Assessment Schedule - Updated 2023
Schedule 'A'
Reuben Mattice Drain - Real Properties
Construction - For Future Maintenance

Property ID No.	Roll No.	Lot/Con	Outlet (\$)	Benefit (\$)	Est Assess. (\$)*
151	50600100461800	LOT 31, CON 3	\$ 6.20	\$ -	\$ 6.20
152	50600100463000	LOT 31, CON 3	\$ 4.20	\$ -	\$ 4.20
153	50600100458400	LOT 31, CON 3	\$ 47.13	\$ -	\$ 47.13
154	50600100463200	LOT 31, CON 3	\$ 4.57	\$ -	\$ 4.57
155	50600100463210	LOT 31, CON 3	\$ 4.57	\$ -	\$ 4.57
156	50600100458600	LOT 31, CON 3	\$ 49.05	\$ -	\$ 49.05
157	50600100463600	LOT 31, CON 3	\$ 29.16	\$ -	\$ 29.16
158	50600100464400	LOT 31, CON 3	\$ 0.67	\$ -	\$ 0.67
159	50600100464800	LOT 31, CON 3	\$ 10.76	\$ -	\$ 10.76
160	50600100497800	LOT 32, CON 3	\$ 3.47	\$ -	\$ 3.47
161	50600100498400	LOT 32, CON 3	\$ 8.73	\$ -	\$ 8.73
162	50600100499600	LOT 32, CON 3	\$ 34.35	\$ -	\$ 34.35
163	50600100502000	LOT 22, CON 4	\$ 9.52	\$ -	\$ 9.52
164	50600100502400	LOT 22, CON 4	\$ 2.14	\$ -	\$ 2.14
Sub-Total			\$ 28,792.34	\$ 25,125.91	\$ 53,918.25

*Estimated assessment does not include Farm Tax Credit. Farm Tax Credit eligibility to be confirmed at time of maintenance.

Assessment Schedule - Updated 2023
Schedule 'A'
Reuben Mattice Drain - Roads
Construction - For Future Maintenance

Roads

ID/NAME		OWNER	Outlet (\$)	Benefit (\$)	Est Assess. (\$)
County Rd 28		United Counties of Stormont, Dundas and Glengarry	\$ 262.62	\$ -	\$ 262.62
County Rd 31		United Counties of Stormont, Dundas and Glengarry	\$ 671.69	\$ -	\$ 671.69
Dejong Rd		South Dundas Township	\$ 9.08	\$ -	\$ 9.08
Froatburn Rd		South Dundas Township	\$ 11.61	\$ -	\$ 11.61
Richmire Rd		South Dundas Township	\$ 18.60	\$ -	\$ 18.60
Robertson Rd		South Dundas Township	\$ 276.66	\$ -	\$ 276.66
Smiths Rd		South Dundas Township	\$ 499.12	\$ -	\$ 499.12
Strader Rd		South Dundas Township	\$ 79.20	\$ -	\$ 79.20
Unopened Road Allowance b/t Con 3 and 4		South Dundas Township	\$ 5.25	\$ -	\$ 5.25
Unopened Road Allowance Con 2 b/t Lot 24 and 25		South Dundas Township	\$ 25.91	\$ -	\$ 25.91
Unopened Road Allowance Con 3 b/t Lot 24 and 25		South Dundas Township	\$ 8.47	\$ -	\$ 8.47
Unopened Road Allowance Con 3 Lot 26		South Dundas Township	\$ 5.62	\$ -	\$ 5.62
Whittaker Rd		South Dundas Township	\$ 7.93	\$ -	\$ 7.93
Sub-Total			\$ 1,881.76	\$ -	\$ 1,881.76

Summary

Real Properties	\$ 28,792.34	\$ 25,125.91	\$ 53,918.25
Roads	\$ 1,881.76	\$ -	\$ 1,881.76
Sub-Total (Pre-Tax/Grant)	\$ 30,674.09	\$ 25,125.91	\$ 55,800.00

Assessment Schedule - Updated 2023
Schedule 'B'
Glen Becker Drain - Real Properties
Construction - For Future Maintenance

Property ID No.	Roll No.	Lot/Con	Outlet (\$)	Benefit (\$)	Est Assess. (\$)*
44	50600100359400	LOT 28, CON 2	\$ 113.51	\$ -	\$ 113.51
45	50600100358800	LOT 28, CON 2	\$ 56.83	\$ -	\$ 56.83
46	50600100361200	LOT 28, CON 2	\$ 485.40	\$ 4,059.57	\$ 4,544.97
47	50600100361800	LOT 29, CON 2	\$ 509.72	\$ 1,896.87	\$ 2,406.59
48	50600100362800	LOT 30, CON 2	\$ 76.24	\$ 131.88	\$ 208.12
49	50600100362810	LOT 30, CON 2	\$ 78.49	\$ 131.41	\$ 209.90
50	50600100364802	LOT 30, CON 2	\$ 7.61	\$ 18.94	\$ 26.55
51	50600100364900	LOT 30, CON 2	\$ 194.90	\$ -	\$ 194.90
57	50600100364802	LOT 30, CON 2	\$ 1,306.55	\$ 1,511.64	\$ 2,818.19
70	50600100366900	LOT 31, CON 2	\$ 112.41	\$ -	\$ 112.41
71	50600100366600	LOT 31, CON 2	\$ 92.81	\$ -	\$ 92.81
72	50600100366925	LOT 31, CON 2	\$ 164.06	\$ -	\$ 164.06
73	50600100366924	LOT 31, CON 2	\$ 165.11	\$ -	\$ 165.11
74	50600100366920	LOT 31, CON 2	\$ 244.18	\$ -	\$ 244.18
75	50600100367100	LOT 31, CON 2	\$ 151.44	\$ -	\$ 151.44
76	50600100367800	LOT 31, CON 2	\$ 75.42	\$ -	\$ 75.42
77	50600100367820	LOT 31, CON 2	\$ 199.90	\$ -	\$ 199.90
78	50600100367900	LOT 31, CON 2	\$ 89.28	\$ -	\$ 89.28
124	50600100442000	LOT 27, CON 3	\$ 429.10	\$ 843.96	\$ 1,273.06
125	50600100442050	LOT 27, CON 3	\$ 59.98	\$ -	\$ 59.98
126	50600100442600	LOT 28, CON 3	\$ 1,022.45	\$ 2,437.96	\$ 3,460.41
132	50600100448600	LOT 30, CON 3	\$ 567.67	\$ -	\$ 567.67
133	50600100448000	LOT 30, CON 3	\$ 63.90	\$ -	\$ 63.90
134	50600100447400	LOT 30, CON 3	\$ 80.61	\$ -	\$ 80.61
135	50600100449800	LOT 30, CON 3	\$ 80.69	\$ -	\$ 80.69



Assessment Schedule - Updated 2023
Schedule 'B'
Glen Becker Drain - Real Properties
Construction - For Future Maintenance

Property ID No.	Roll No.	Lot/Con	Outlet (\$)	Benefit (\$)	Est Assess. (\$)*
136	50600100451000	LOT 30, CON 3	\$ 80.55	\$ -	\$ 80.55
137	50600100450400	LOT 30, CON 3	\$ 111.09	\$ -	\$ 111.09
138	50600100446800	LOT 30, CON 3	\$ 374.48	\$ 252.55	\$ 627.03
139	50600100446200	LOT 30, CON 3	\$ 330.82	\$ 224.51	\$ 555.33
140	50600100445600	LOT 30, CON 3	\$ 297.44	\$ 199.60	\$ 497.04
141	50600100444400	LOT 30, CON 3	\$ 194.19	\$ 253.19	\$ 447.38
142	50600100445000	LOT 30, CON 3	\$ 281.04	\$ -	\$ 281.04
143	50600100458410	LOT 30, CON 3	\$ 110.96	\$ -	\$ 110.96
144	50600100458301	LOT 30, CON 3	\$ 84.42	\$ -	\$ 84.42
145	50600100458300	LOT 30, CON 3	\$ 88.87	\$ -	\$ 88.87
146	50600100458200	LOT 31, CON 3	\$ 85.54	\$ -	\$ 85.54
147	50600100458000	LOT 31, CON 3	\$ 123.67	\$ -	\$ 123.67
148	50600100458100	LOT 31, CON 3	\$ 120.67	\$ 135.16	\$ 255.83
149	50600100460000	LOT 31, CON 3	\$ 395.54	\$ 219.12	\$ 614.66
150	50600100460600	LOT 31, CON 3	\$ 86.52	\$ 97.08	\$ 183.60
151	50600100461800	LOT 31, CON 3	\$ 127.66	\$ 152.78	\$ 280.44
152	50600100463000	LOT 31, CON 3	\$ 86.47	\$ 103.48	\$ 189.95
153	50600100458400	LOT 31, CON 3	\$ 965.82	\$ -	\$ 965.82
154	50600100463200	LOT 31, CON 3	\$ 93.49	\$ -	\$ 93.49
155	50600100463210	LOT 31, CON 3	\$ 93.60	\$ -	\$ 93.60
156	50600100458600	LOT 31, CON 3	\$ 1,003.90	\$ -	\$ 1,003.90
157	50600100463600	LOT 31, CON 3	\$ 214.00	\$ -	\$ 214.00

Sub-total	\$ 11,779.00	\$ 12,669.70	\$ 24,448.70
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*Estimated assessment does not include Farm Tax Credit. Farm Tax Credit eligibility to be confirmed at time of maintenance.

Assessment Schedule - Updated 2023
Schedule 'B'
Glen Becker Drain - Roads
Construction - For Future Maintenance

Roads

ID/NAME	OWNER	Outlet (\$)	Benefit (\$)	Est Assess. (\$)
County Rd 28	United Counties of Stormont, Dundas and Glengarry	\$ 959.63	\$ 878.49	\$ 1,838.12
County Rd 31	United Counties of Stormont, Dundas and Glengarry	\$ 1,577.40	\$ 919.80	\$ 2,497.20
Smiths Rd	South Dundas Township	\$ 291.72	\$ -	\$ 291.72
Strader Rd	South Dundas Township	\$ 509.95	\$ 254.31	\$ 764.26
Sub-Total		\$ 3,338.70	\$ 2,052.60	\$ 5,391.30

Summary

Real Properties	\$ 11,779.00	\$ 12,669.70	\$ 24,448.70
Roads	\$ 3,338.70	\$ 2,052.60	\$ 5,391.30
Sub-Total (Pre-Tax/Grant)	\$ 15,117.70	\$ 14,722.30	\$ 29,840.00

Assessment Schedule - Updated 2023
Schedule 'C'
Van Moorsel Drain - Real Properties
Construction - For Future Maintenance

Property ID No.	Roll No.	Lot/Con	Outlet (\$)	Benefit (\$)	Est Assess. (\$)*
18	50600100347400	LOT 26, CON 2	\$ 3.97	\$ -	\$ 3.97
19	50600100346800	LOT 26, CON 2	\$ 12.80	\$ -	\$ 12.80
20	50600100348600	LOT 26, CON 2	\$ 21.31	\$ -	\$ 21.31
21	50600100348800	LOT 26, CON 2	\$ 11.98	\$ -	\$ 11.98
22	50600100349400	LOT 26, CON 2	\$ 19.84	\$ -	\$ 19.84
23	50600100351200	LOT 26, CON 2	\$ 27.74	\$ -	\$ 27.74
24	50600100351800	LOT 26, CON 2	\$ 29.53	\$ -	\$ 29.53
26	50600100350800	LOT 26, CON 2	\$ 41.27	\$ 124.07	\$ 165.34
27	50600100351000	LOT 26, CON 2	\$ 25.53	\$ -	\$ 25.53
28	50600100351100	LOT 26, CON 2	\$ 83.93	\$ 267.03	\$ 350.96
40	50600100358800	LOT 27, CON 2	\$ 345.40	\$ 1,173.47	\$ 1,518.87
109	50600100437200	LOT 25, CON 3	\$ 5.26	\$ -	\$ 5.26
110	50600100436600	LOT 26, CON 3	\$ 36.37	\$ -	\$ 36.37
111	50600100435600	LOT 26, CON 3	\$ 28.85	\$ -	\$ 28.85
112	50600100433800	LOT 26, CON 3	\$ 50.49	\$ -	\$ 50.49
114	50600100433200	LOT 26, CON 3	\$ 60.70	\$ -	\$ 60.70
115	50600100430800	LOT 26, CON 3	\$ 51.66	\$ -	\$ 51.66
118	50600100439000	LOT 26, CON 3	\$ 20.87	\$ -	\$ 20.87
119	50600100439200	LOT 26, CON 3	\$ 569.10	\$ 1,502.05	\$ 2,071.15
120	50600100439300	LOT 26, CON 3	\$ 2.57	\$ -	\$ 2.57
121	50600100440200	LOT 26, CON 3	\$ 1,782.40	\$ 3,667.37	\$ 5,449.77
122	50600100440800	LOT 26, CON 3	\$ 1,963.60	\$ 3,745.41	\$ 5,709.01
123	50600100440900	LOT 26, CON 3	\$ 1,792.91	\$ 1,994.00	\$ 3,786.91
124	50600100442000	LOT 27, CON 3	\$ 3,791.50	\$ 3,717.08	\$ 7,508.58
126	50600100442600	LOT 28, CON 3	\$ 4,060.27	\$ 4,774.83	\$ 8,835.10

Assessment Schedule - Updated 2023
Schedule 'C'
Van Moorsel Drain - Real Properties
Construction - For Future Maintenance

Property ID No.	Roll No.	Lot/Con	Outlet (\$)	Benefit (\$)	Est Assess. (\$)*
127	50600100451800	LOT 28, CON 3	\$ 120.20	\$ -	\$ 120.20
128	50600100451600	LOT 28, CON 3	\$ 13.68	\$ -	\$ 13.68
129		LOT 28, CON 3	\$ 350.02	\$ -	\$ 350.02
130		LOT 29, CON 3	\$ 444.92	\$ -	\$ 444.92
131		LOT 30, CON 3	\$ 457.58	\$ 190.59	\$ 648.17
132	50600100448600	LOT 30, CON 3	\$ 678.94	\$ 343.26	\$ 1,022.20
Sub-total			\$ 16,905.19	\$ 21,499.16	\$ 38,404.35

*Estimated assessment does not include Farm Tax Credit. Farm Tax Credit eligibility to be confirmed at time of maintenance.

Assessment Schedule - Updated 2023
Schedule 'C'
Van Moorsel Drain - Roads
Construction - For Future Maintenance

Roads

ID/NAME	OWNER	Outlet (\$)	Benefit (\$)	Est Assess. (\$)*
County Rd 28	United Counties of Stormont, Dundas and Glengarry	\$ 296.02	\$ 296.50	\$ 592.52
County Rd 31	United Counties of Stormont, Dundas and Glengarry	\$ 154.40	\$ -	\$ 154.40
Robertson Rd	South Dundas Township	\$ 14.70	\$ -	\$ 14.70
Richmire Rd	South Dundas Township	\$ 34.03	\$ -	\$ 34.03
Sub-Total		\$ 499.15	\$ 296.50	\$ 795.65

Summary

Real Properties	\$ 16,905.19	\$ 21,499.16	\$ 38,404.35
Roads	\$ 499.15	\$ 296.50	\$ 795.65
Sub-Total (Pre-Tax/Grant)	\$ 17,404.34	\$ 21,795.66	\$ 39,200.00

APPENDIX D

ASSESSMENT SCHEDULES – ENGINEERING

(ONE TIME USE)

Assessment Schedule - Updated 2023
Schedule 'D'
Reuben Mattice Drain - Real Properties
Engineering - ONE TIME USE ONLY

Property ID No.	Roll No.	Lot/Con	Est Assess. (\$)
1	50600100342600	LOT 22, CON 2	\$ 0.27
2	50600100342500	LOT 22, CON 2	\$ 0.26
3	50600100340800	LOT 22, CON 2	\$ 2.23
4	50600100342000	LOT 22, CON 2	\$ 9.55
5	50600100343200	LOT 23, CON 2	\$ 34.19
6	50600100343600	LOT 23, CON 2	\$ 85.23
7	50600100342900	LOT 23, CON 2	\$ 0.78
8	50600100343100	LOT 23, CON 2	\$ 0.52
9	50600100343000	LOT 23, CON 2	\$ 0.83
10	50600100342800	LOT 23, CON 2	\$ 0.88
11	50600100342810	LOT 23, CON 2	\$ 1.02
12	50600100344400	LOT 24, CON 2	\$ 0.63
13	50600100345000	LOT 24, CON 2	\$ 35.78
14	50600100345200	LOT 24, CON 2	\$ 0.26
15	50600100345600	LOT 25, CON 2	\$ 100.52
16	50600100345400	LOT 25, CON 2	\$ 1.00
17	50600100346200	LOT 25, CON 2	\$ 0.70
18	50600100347400	LOT 26, CON 2	\$ 5.06
19	50600100346800	LOT 26, CON 2	\$ 1.28
20	50600100348600	LOT 26, CON 2	\$ 1.77
21	50600100348800	LOT 26, CON 2	\$ 0.90
22	50600100349400	LOT 26, CON 2	\$ 2.07
23	50600100351200	LOT 26, CON 2	\$ 2.89
24	50600100351800	LOT 26, CON 2	\$ 2.43
25	50600100353600	LOT 26, CON 2	\$ 4.92

Assessment Schedule - Updated 2023
Schedule 'D'
Reuben Mattice Drain - Real Properties
Engineering - ONE TIME USE ONLY

Property ID No.	Roll No.	Lot/Con	Est Assess. (\$)
26	50600100350800	LOT 26, CON 2	\$ 4.34
27	50600100351000	LOT 26, CON 2	\$ 1.89
28	50600100351100	LOT 26, CON 2	\$ 8.77
29	50600100348000	LOT 26, CON 2	\$ 114.83
30	50600100358800	LOT 26, CON 2	\$ 14.90
31	50600100354000	LOT 26, CON 2	\$ 40.95
32	50600100353000	LOT 26, CON 2	\$ 7.84
33	50600100354800	LOT 26, CON 2	\$ 8.58
34	50600100355200	LOT 26, CON 2	\$ 1.78
35	50600100354600	LOT 26, CON 2	\$ 3.76
36	50600100357000	LOT 27, CON 2	\$ 23.00
37	50600100357100	LOT 27, CON 2	\$ 5.56
38	50600100357200	LOT 27, CON 2	\$ 6.01
39	50600100360000	LOT 27, CON 2	\$ 143.53
40	50600100358800	LOT 27, CON 2	\$ 658.30
41	50600100359000	LOT 28, CON 2	\$ 3.20
42	50600100360600	LOT 28, CON 2	\$ 1.66
43	50600100358200	LOT 28, CON 2	\$ 1.64
44	50600100359400	LOT 28, CON 2	\$ 6.10
45	50600100358800	LOT 28, CON 2	\$ 37.66
46	50600100361200	LOT 28, CON 2	\$ 240.92
47	50600100361800	LOT 29, CON 2	\$ 275.14
48	50600100362800	LOT 30, CON 2	\$ 2.19
49	50600100362810	LOT 30, CON 2	\$ 2.10
50	50600100364802	LOT 30, CON 2	\$ 0.17

Assessment Schedule - Updated 2023
Schedule 'D'
Reuben Mattice Drain - Real Properties
Engineering - ONE TIME USE ONLY

Property ID No.	Roll No.	Lot/Con	Est Assess. (\$)
51	50600100364900	LOT 30, CON 2	\$ 6.56
52	50600100364200	LOT 30, CON 2	\$ 5.41
53	50600100365200	LOT 30, CON 2	\$ 33.45
54	50600100365000	LOT 30, CON 2	\$ 3.09
55	50600100364850	LOT 30, CON 2	\$ 84.01
56	50600100364800	LOT 30, CON 2	\$ 2.48
57	50600100364802	LOT 30, CON 2	\$ 595.24
58	50600100373400	LOT 31, CON 2	\$ 15.43
59	50600100368400	LOT 31, CON 2	\$ 2.04
60	50600100370200	LOT 31, CON 2	\$ 113.84
61	50600100369600	LOT 31, CON 2	\$ 27.72
62	50600100369000	LOT 31, CON 2	\$ 430.14
63	50600100371400	LOT 31, CON 2	\$ 25.40
64	50600100371600	LOT 31, CON 2	\$ 4.67
65	50600100372000	LOT 31, CON 2	\$ 483.30
66	50600100367200	LOT 31, CON 2	\$ 39.43
67	50600100372600	LOT 31, CON 2	\$ 184.47
68	50600100367050	LOT 31, CON 2	\$ 31.06
69	50600100367000	LOT 31, CON 2	\$ 23.96
70	50600100366900	LOT 31, CON 2	\$ 40.88
71	50600100366600	LOT 31, CON 2	\$ 4.45
72	50600100366925	LOT 31, CON 2	\$ 3.98
73	50600100366924	LOT 31, CON 2	\$ 3.44
74	50600100366920	LOT 31, CON 2	\$ 5.18
75	50600100367100	LOT 31, CON 2	\$ 3.35

Assessment Schedule - Updated 2023
Schedule 'D'
Reuben Mattice Drain - Real Properties
Engineering - ONE TIME USE ONLY

Property ID No.	Roll No.	Lot/Con	Est Assess. (\$)
76	50600100367800	LOT 31, CON 2	\$ 1.07
77	50600100367820	LOT 31, CON 2	\$ 8.00
78	50600100367900	LOT 31, CON 2	\$ 203.77
79	50600100367950	LOT 31, CON 2	\$ 7.27
80	50600100374900	LOT 31, CON 2	\$ 5.07
81	50600100375000	LOT 31, CON 2	\$ 842.51
82	50600100375500	LOT 32, CON 2	\$ 15.61
83	50600100376800	LOT 32, CON 2	\$ 2.15
84	50600100376802	LOT 32, CON 2	\$ 334.00
85	50600100376200	LOT 33, CON 2	\$ 116.20
86	50600100377600	LOT 33, CON 2	\$ 137.08
87	50600100378750	LOT 33, CON 2	\$ 50.81
88	50600100421200	LOT 34, CON 2	\$ 2.18
89	50600100423000	LOT 34, CON 2	\$ 0.27
90	50600100422400	LOT 20, CON 3	\$ 17.74
91	50600100421800	LOT 21, CON 3	\$ 2.49
92	50600100424200	LOT 21, CON 3	\$ 49.37
93	50600100423620	LOT 21, CON 3	\$ 0.24
94	50600100425402	LOT 22, CON 3	\$ 1.27
95	50600100425400	LOT 22, CON 3	\$ 42.14
96	50600100424800	LOT 23, CON 3	\$ 6.78
97	50600100426000	LOT 23, CON 3	\$ 0.41
98	50600100426200	LOT 23, CON 3	\$ 4.43
99	50600100426600	LOT 24, CON 3	\$ 23.34
100	50600100427200	LOT 24, CON 3	\$ 20.54

Assessment Schedule - Updated 2023
Schedule 'D'
Reuben Mattice Drain - Real Properties
Engineering - ONE TIME USE ONLY

Property ID No.	Roll No.	Lot/Con	Est Assess. (\$)
101	50600100428700	LOT 24, CON 3	\$ 0.25
102	50600100428500	LOT 24, CON 3	\$ 0.16
103	50600100428600	LOT 25, CON 3	\$ 17.93
104	50600100429000	LOT 25, CON 3	\$ 0.88
105	50600100428400	LOT 25, CON 3	\$ 17.72
106	50600100427800	LOT 25, CON 3	\$ 8.73
107	50600100427850	LOT 25, CON 3	\$ 0.67
108	50600100438400	LOT 25, CON 3	\$ 14.23
109	50600100437200	LOT 25, CON 3	\$ 0.45
110	50600100436600	LOT 26, CON 3	\$ 5.70
111	50600100435600	LOT 26, CON 3	\$ 1.26
112	50600100433800	LOT 26, CON 3	\$ 2.58
113	50600100438400	LOT 26, CON 3	\$ 0.48
114	50600100433200	LOT 26, CON 3	\$ 3.25
115	50600100430800	LOT 26, CON 3	\$ 3.89
116	50600100430200	LOT 26, CON 3	\$ 0.13
117	50600100429600	LOT 26, CON 3	\$ 0.48
118	50600100439000	LOT 26, CON 3	\$ 1.27
119	50600100439200	LOT 26, CON 3	\$ 38.62
120	50600100439300	LOT 26, CON 3	\$ 6.47
121	50600100440200	LOT 26, CON 3	\$ 39.73
122	50600100440800	LOT 26, CON 3	\$ 38.17
123	50600100440900	LOT 26, CON 3	\$ 37.47
124	50600100442000	LOT 27, CON 3	\$ 76.20
125	50600100442050	LOT 27, CON 3	\$ 1.69

Assessment Schedule - Updated 2023
Schedule 'D'
Reuben Mattice Drain - Real Properties
Engineering - ONE TIME USE ONLY

Property ID No.	Roll No.	Lot/Con	Est Assess. (\$)
126	50600100442600	LOT 28, CON 3	\$ 56.31
127	50600100451800	LOT 28, CON 3	\$ 1.17
128	50600100451600	LOT 28, CON 3	\$ 0.20
129		LOT 28, CON 3	\$ 3.00
130		LOT 29, CON 3	\$ 3.11
131		LOT 30, CON 3	\$ 3.14
132	50600100448600	LOT 30, CON 3	\$ 8.34
133	50600100448000	LOT 30, CON 3	\$ 0.71
134	50600100447400	LOT 30, CON 3	\$ 0.89
135	50600100449800	LOT 30, CON 3	\$ 0.89
136	50600100451000	LOT 30, CON 3	\$ 0.89
137	50600100450400	LOT 30, CON 3	\$ 1.23
138	50600100446800	LOT 30, CON 3	\$ 4.22
139	50600100446200	LOT 30, CON 3	\$ 3.72
140	50600100445600	LOT 30, CON 3	\$ 3.35
141	50600100444400	LOT 30, CON 3	\$ 2.30
142	50600100445000	LOT 30, CON 3	\$ 3.61
143	50600100458410	LOT 30, CON 3	\$ 1.13
144	50600100458301	LOT 30, CON 3	\$ 0.86
145	50600100458300	LOT 30, CON 3	\$ 0.91
146	50600100458200	LOT 31, CON 3	\$ 0.87
147	50600100458000	LOT 31, CON 3	\$ 1.26
148	50600100458100	LOT 31, CON 3	\$ 1.23
149	50600100460000	LOT 31, CON 3	\$ 4.04
150	50600100460600	LOT 31, CON 3	\$ 0.88



Assessment Schedule - Updated 2023
Schedule 'D'
Reuben Mattice Drain - Real Properties
Engineering - ONE TIME USE ONLY

Property ID No.	Roll No.	Lot/Con	Est Assess. (\$)
151	50600100461800	LOT 31, CON 3	\$ 1.39
152	50600100463000	LOT 31, CON 3	\$ 0.94
153	50600100458400	LOT 31, CON 3	\$ 10.56
154	50600100463200	LOT 31, CON 3	\$ 1.02
155	50600100463210	LOT 31, CON 3	\$ 1.03
156	50600100458600	LOT 31, CON 3	\$ 10.99
157	50600100463600	LOT 31, CON 3	\$ 6.54
158	50600100464400	LOT 31, CON 3	\$ 0.15
159	50600100464800	LOT 31, CON 3	\$ 2.41
160	50600100497800	LOT 32, CON 3	\$ 0.78
161	50600100498400	LOT 32, CON 3	\$ 1.96
162	50600100499600	LOT 32, CON 3	\$ 7.70
163	50600100502000	LOT 22, CON 4	\$ 2.13
164	50600100502400	LOT 22, CON 4	\$ 0.48
Sub-Total			\$ 6,453.24

Assessment Schedule - Updated 2023

Schedule 'D'

Reuben Mattice Drain - Roads

Engineering - ONE TIME USE ONLY

Roads

ID/NAME	OWNER	Est Assess. (\$)
County Rd 28	United Counties of Stormont, Dundas and Glengarry	\$ 58.86
County Rd 31	United Counties of Stormont, Dundas and Glengarry	\$ 150.55
Dejong Rd	South Dundas Township	\$ 2.03
Froatburn Rd	South Dundas Township	\$ 2.60
Richmire Rd	South Dundas Township	\$ 4.17
Robertson Rd	South Dundas Township	\$ 62.01
Smiths Rd	South Dundas Township	\$ 111.87
Strader Rd	South Dundas Township	\$ 17.75
Unopened Road Allowance b/t Con 3 and 4	South Dundas Township	\$ 1.18
Unopened Road Allowance Con 2 b/t Lot 24 and 25	South Dundas Township	\$ 5.81
Unopened Road Allowance Con 3 b/t Lot 24 and 25	South Dundas Township	\$ 1.90
Unopened Road Allowance Con 3 Lot 26	South Dundas Township	\$ 1.26
Whittaker Rd	South Dundas Township	\$ 1.78
Sub-Total		\$ 421.76

Summary

Real Properties	\$ 6,453.24
Roads	\$ 421.76
Sub-Total (Pre-Tax)	\$ 6,875.00



Assessment Schedule - Updated 2023
Schedule 'E'
Glen Becker Drain - Real Properties
Engineering - ONE TIME USE ONLY

Property ID No.	Roll No.	Lot/Con	Est Assess. (\$)
44	50600100359400	LOT 28, CON 2	\$ 25.81
45	50600100358800	LOT 28, CON 2	\$ 12.92
46	50600100361200	LOT 28, CON 2	\$ 110.37
47	50600100361800	LOT 29, CON 2	\$ 115.90
48	50600100362800	LOT 30, CON 2	\$ 17.34
49	50600100362810	LOT 30, CON 2	\$ 17.85
50	50600100364802	LOT 30, CON 2	\$ 1.73
51	50600100364900	LOT 30, CON 2	\$ 44.32
57	50600100364802	LOT 30, CON 2	\$ 297.09
70	50600100366900	LOT 31, CON 2	\$ 25.56
71	50600100366600	LOT 31, CON 2	\$ 21.10
72	50600100366925	LOT 31, CON 2	\$ 37.30
73	50600100366924	LOT 31, CON 2	\$ 37.54
74	50600100366920	LOT 31, CON 2	\$ 55.52
75	50600100367100	LOT 31, CON 2	\$ 34.43
76	50600100367800	LOT 31, CON 2	\$ 17.15
77	50600100367820	LOT 31, CON 2	\$ 45.45
78	50600100367900	LOT 31, CON 2	\$ 20.30
124	50600100442000	LOT 27, CON 3	\$ 97.57
125	50600100442050	LOT 27, CON 3	\$ 13.64
126	50600100442600	LOT 28, CON 3	\$ 232.49
132	50600100448600	LOT 30, CON 3	\$ 129.08
133	50600100448000	LOT 30, CON 3	\$ 14.53
134	50600100447400	LOT 30, CON 3	\$ 18.33
135	50600100449800	LOT 30, CON 3	\$ 18.35



Assessment Schedule - Updated 2023
Schedule 'E'
Glen Becker Drain - Real Properties
Engineering - ONE TIME USE ONLY

Property ID No.	Roll No.	Lot/Con	Est Assess. (\$)
136	50600100451000	LOT 30, CON 3	\$ 18.32
137	50600100450400	LOT 30, CON 3	\$ 25.26
138	50600100446800	LOT 30, CON 3	\$ 85.15
139	50600100446200	LOT 30, CON 3	\$ 75.22
140	50600100445600	LOT 30, CON 3	\$ 67.63
141	50600100444400	LOT 30, CON 3	\$ 44.16
142	50600100445000	LOT 30, CON 3	\$ 63.90
143	50600100458410	LOT 30, CON 3	\$ 25.23
144	50600100458301	LOT 30, CON 3	\$ 19.20
145	50600100458300	LOT 30, CON 3	\$ 20.21
146	50600100458200	LOT 31, CON 3	\$ 19.45
147	50600100458000	LOT 31, CON 3	\$ 28.12
148	50600100458100	LOT 31, CON 3	\$ 27.44
149	50600100460000	LOT 31, CON 3	\$ 89.94
150	50600100460600	LOT 31, CON 3	\$ 19.67
151	50600100461800	LOT 31, CON 3	\$ 29.03
152	50600100463000	LOT 31, CON 3	\$ 19.66
153	50600100458400	LOT 31, CON 3	\$ 219.61
154	50600100463200	LOT 31, CON 3	\$ 21.26
155	50600100463210	LOT 31, CON 3	\$ 21.29
156	50600100458600	LOT 31, CON 3	\$ 228.27
157	50600100463600	LOT 31, CON 3	\$ 48.66

Sub-total	\$	2,678.35
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Assessment Schedule - Updated 2023

Schedule 'E'

Glen Becker Drain - Roads

Engineering - ONE TIME USE ONLY

Roads

ID/NAME	OWNER	Est Assess. (\$)
County Rd 28	United Counties of Stormont, Dundas and Glengarry	\$ 218.20
County Rd 31	United Counties of Stormont, Dundas and Glengarry	\$ 358.67
Smiths Rd	South Dundas Township	\$ 66.33
Strader Rd	South Dundas Township	\$ 115.95
Sub-Total		\$ 759.15

Summary

Real Properties	\$ 2,678.35
Roads	\$ 759.15
Sub-Total (Pre-Tax/Grant)	\$ 3,437.50

Assessment Schedule - Updated 2023
Schedule 'F'
Van Moorsel Drain - Real Properties
Engineering - ONE TIME USE ONLY

Property ID No.	Roll No.	Lot/Con	Est Assess. (\$)
18	50600100347400	LOT 26, CON 2	\$ 0.78
19	50600100346800	LOT 26, CON 2	\$ 2.53
20	50600100348600	LOT 26, CON 2	\$ 4.21
21	50600100348800	LOT 26, CON 2	\$ 2.37
22	50600100349400	LOT 26, CON 2	\$ 3.92
23	50600100351200	LOT 26, CON 2	\$ 5.48
24	50600100351800	LOT 26, CON 2	\$ 5.83
26	50600100350800	LOT 26, CON 2	\$ 8.15
27	50600100351000	LOT 26, CON 2	\$ 5.04
28	50600100351100	LOT 26, CON 2	\$ 16.58
40	50600100358800	LOT 27, CON 2	\$ 68.22
109	50600100437200	LOT 25, CON 3	\$ 1.04
110	50600100436600	LOT 26, CON 3	\$ 7.18
111	50600100435600	LOT 26, CON 3	\$ 5.70
112	50600100433800	LOT 26, CON 3	\$ 9.97
114	50600100433200	LOT 26, CON 3	\$ 11.99
115	50600100430800	LOT 26, CON 3	\$ 10.20
118	50600100439000	LOT 26, CON 3	\$ 4.12
119	50600100439200	LOT 26, CON 3	\$ 112.40
120	50600100439300	LOT 26, CON 3	\$ 0.51
121	50600100440200	LOT 26, CON 3	\$ 352.04
122	50600100440800	LOT 26, CON 3	\$ 387.83
123	50600100440900	LOT 26, CON 3	\$ 354.11
124	50600100442000	LOT 27, CON 3	\$ 748.85
126	50600100442600	LOT 28, CON 3	\$ 801.93

Assessment Schedule - Updated 2023
Schedule 'F'
Van Moorsel Drain - Real Properties
Engineering - ONE TIME USE ONLY

Property ID No.	Roll No.	Lot/Con	Est Assess. (\$)
127	50600100451800	LOT 28, CON 3	\$ 23.74
128	50600100451600	LOT 28, CON 3	\$ 2.70
129		LOT 28, CON 3	\$ 69.13
130		LOT 29, CON 3	\$ 87.88
131		LOT 30, CON 3	\$ 90.38
132	50600100448600	LOT 30, CON 3	\$ 134.10
Sub-total			\$ 3,338.91

Assessment Schedule - Updated 2023

Schedule 'F'

Van Moorsel Drain - Roads

Engineering - ONE TIME USE ONLY

Roads

ID/NAME	OWNER	Est Assess. (\$)
County Rd 28	United Counties of Stormont, Dundas and Glengarry	\$ 58.47
County Rd 31	United Counties of Stormont, Dundas and Glengarry	\$ 30.50
Robertson Rd	South Dundas Township	\$ 2.90
Richmire Rd	South Dundas Township	\$ 6.72
Sub-Total		\$ 98.59

Summary

Real Properties	\$ 3,338.91
Roads	\$ 98.59
Sub-Total (Pre-Tax/Grant)	\$ 3,437.50

APPENDIX E

RESOLUTION & BY-LAWS



The Municipality of
SOUTH DUNDAS

DATE: October 11, 2023

Resolution: 22-26-287

MOVED BY

Deputy Mayor St. Pierre	<input type="checkbox"/>
Councillor Veinotte	<input type="checkbox"/>
Councillor Smyth	<input checked="" type="checkbox"/>
Councillor Ward	<input checked="" type="checkbox"/>

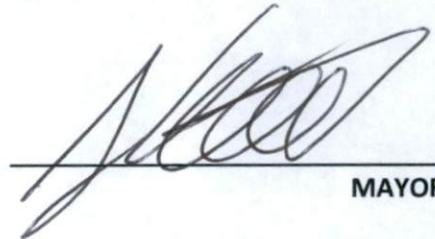
SECONDED BY

Deputy Mayor St. Pierre	<input type="checkbox"/>
Councillor Veinotte	<input type="checkbox"/>
Councillor Smyth	<input checked="" type="checkbox"/>
Councillor Ward	<input checked="" type="checkbox"/>

THAT Council appoint Monica Shade, V.P. of Engineering & Sales of Shade Group Inc. as the engineer to prepare a new assessment schedule and update watershed boundaries for the Reuben Mattice & Glen Becker, and Van Moorsel Municipal Drains under Section 76 of the Drainage Act.

CARRIED DEFEATED DEFERRED

RECORDED VOTE	
Mayor Broad	—
Deputy Mayor St. Pierre	—
Councillor Veinotte	—
Councillor Smyth	—
Councillor Ward	—



MAYOR