



LUCAN BIDDULPH COUNCIL AGENDA

MONDAY, APRIL 12, 2021 9:00 AM
Lucan Biddulph Township Office
270 Main Street P.O. Box 190 Lucan, ON

SPECIAL MEETING AGENDA

**MEETING TO BE HELD ELECTRONICALLY. THE MEETING WILL BE AVAILABLE
AS FOLLOWS AT 9:00 A.M. ON April 12, 2021**

https://www.youtube.com/channel/UCeA4Y0M03UFY2O_nbymnWHg

- 1. Call to Order**
- 2. Disclosure of Pecuniary Interest & Nature Thereof**
- 3. Closed Session**
- 4. Delegations**
 - 4.1 Mike DeVos, Spriet & Associates**
[Blake Drain 2021 - Report](#)
[Blake Drain - Drawings](#)
- 5. Correspondence**
- 6. Staff Reports**
- 7. Motions**
[Confirming Resolution](#)
- 8. Bylaws**
[24-2021 Blake Drain](#)
[25-2021 Execution of Agreement of Purchase and Sale - confidential](#)

[26-2021 Confirming](#)

9. Adjournment

That the Council meeting be adjourned at _____ a.m.

BLAKE DRAIN 2021
Township of Lucan Biddulph



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Our Job No. 220043

March 26, 2021

London, Ontario
March 26, 2021

BLAKE DRAIN 2021

Township of Lucan Biddulph

To the Mayor and Council of
The Township of Lucan Biddulph

Mayor and Council:

We are pleased to present our report on the reconstruction of the Blake Municipal Drain serving parts of Lots 30 to 33, Concessions 7 to 9, parts of Lots 1 and 2, Concession S.B., and parts of Lots 9 to 12, Concession N.L.R. (geographic Biddulph) in the Township of Lucan Biddulph.

AUTHORIZATION

This report was prepared pursuant to Sections 4 and 78 of the Drainage Act in accordance with instructions received from your Municipality with respect to a motion of Council.

The work on the existing Blake Drains was initiated by a request signed by some of the affected landowners. The Branches 'F' to 'J' and the upstream extension of Branch 'D' were initiated by a petition signed by the owners whose lands contain over 60 percent of the area requiring drainage.

DRAINAGE AREA

The total watershed area as described above contains approximately 305.7 hectares. The area requiring drainage for Branch 'F' and the upstream extension of Branch 'D' is described as part of Lot 10, Concession N.L.R. and the area requiring drainage for Branch 'G' is described as the northwest part of Lot 32, Concession 7. The area requiring drainage for Branches 'H' and 'J' is described as part of Lot 33, Concession 7.

HISTORY

The Blake Drain was originally constructed pursuant to a report submitted by A.J. DeVos, P. Eng., dated December 15, 1981 and consists of Branches 'A' to 'D'. Branches 'A', 'B', and 'C' serve the northern part of the watershed with Branch 'A' having an outlet in the Elginfield Drain on the east side of Mitchell Line (Highway 23). Branch 'D' serves the southern part of the watershed. It outlets into the Elginfield Drain on the south side of Mitchell Line in Lot 2, Concession S.B. The entire drain consists of 5,586 meters of 150mm to 525mm concrete field tile.



HISTORY (cont'd)

Branch 'E' was constructed pursuant to a further report by A.J. DeVos, P.Eng., dated April 15, 1982. This drain serves the southwest portion of the watershed, part of Lots 11 and 12, Concession N.L.R. and part of Lot 33, Concession 7. It consists of 400 meters of 300mm to 400mm concrete field tile and outlets into Branch 'D' at the line between Concessions 7 and N.L.R.

EXISTING DRAINAGE CONDITIONS

Site meetings were held with respect to the project and through later discussions, the owners and the UTRCA reported and requested the following:

- that there is erosion in the lower portions of the Branches 'A' and 'D'
- that portions of the watershed have been systematically tiled
- that the existing drains are too small to provide a proper surface and sub-surface drainage outlet
- that the existing Branches 'A' to 'E' be twinned to meet a 51mm and 63mm (lower slope of areas) per 24-hour design capacity and that Branch 'D' be extended upstream to provide a legal sub-surface drainage outlet for the westerly portion of the watershed in the Frans Livestock Inc. (Roll No. 010-167-01) property
- that a private 150mm tile, running through the residential lot (Roll No. 010-167-10) in the above property to connect systematic tiling on to the south, be incorporated as a municipal branch to this drain to provide a legal sub-surface drainage outlet at that location
- that a new branch be constructed from Branch 'A' west to the Hugh Dietrich Farms Ltd. property (Roll No. 010-125-01) in order to provide a legal sub-surface outlet
- that Water and Sediment Control Basins (WASCoB's) be constructed along the route of the drains throughout to reduce / limit erosion along the drain and peak flows entering the Elginfield open ditch
- that the owners on Branch 'B', 'C', and the upper portion of Branch 'A' are planning to privately construct WASCoB berms on their properties with the assistance of the UTRCA

A field investigation and survey were completed. Upon reviewing our findings, we note the following:

- that the existing Blake Drain branches are undersized by today's standards but in good working condition
- that there is erosion through the surface runs along portions of the drain and flooding of some low-lying areas
- that the lower portions of the drains have a steeper gradient which contributes to the erosion



EXISTING DRAINAGE CONDITIONS (cont'd)

- that the affected area in Lot 9, Concession N.L.R. and northeast and southwest part of Lot 32, Concession 7 do not have a proper sub-surface or surface drainage outlet
- that the Roman Line Municipal Drain outlets into a private tile approximately 240 meters south of the Branch 'D' Roman Line crossing. The private tile is a 200mm smooth wall plastic tile which runs parallel to the east side of Roman Line on private property and connects into the existing Branch 'D'
- that there is erosion around the bend of the Elginfield Drain ditch at the Branch 'D' outlet just downstream of the Mitchell Line (Highway 23) bridge
- that there are planted trees along the 1981 Branch 'A' tile from Mitchell Line to the Elginfield Drain in Lot 33, Concession 9 which are within the existing working space and may present a future issue due to the roots entering the tile

Preliminary design, cost estimates and assessments, including WASCoB berms, were prepared, and an informal public meeting was held to review the findings and preliminary proposals. The following input and requests were provided by the affected owners at that time and at later dates:

- that the designated WASCoB berms be included in the drainage system
- that the existing tile to be incorporated (Branch 'F') be relocated around the residential lot
- that a new branch drain be constructed from Branch 'D' in Lot 33 into the southwest of Lot 32, Concession 7
- that the existing 200mm smooth wall tile mentioned above be incorporated as a branch of the Blake Drain
- that the material to be used for the WASCoB berms on the SWB Poultry Farms property (Roll No. 030-062) be imported fill to maintain cover on the newly installed tiling system
- that the lower portion of Branch 'D' on the B. McComb property be constructed as a ditch rather than second pipe. The new tile immediately upstream should be raised to minimize the depth of the permanent water level of a potential future pond

DESIGN CRITERIA AND CONSIDERATIONS

The Drainage Coefficient method contained in the "DRAINAGE GUIDE FOR ONTARIO", Publication 29 by the Ontario Ministry of Agriculture, Food, and Rural Affairs is typically used to design municipal drains. The Drainage Coefficient defines a depth of water that can be removed in a 24-hour period and is expressed in millimetres per 24 hours. The coefficient used to design this drain with respect to capacity was 51mm per 24 hrs in the upper reaches and 63mm in the lower part.



DESIGN CRITERIA AND CONSIDERATIONS (cont'd)

We would like to point out that there have been indications of unstable soil conditions and this region is known to have stones present. It should be noted that no formal soil investigation has been made, with this information coming from Middlesex County soils mapping and previous drain construction in the immediate area.

All of the proposed work has been generally designed and shall be constructed in accordance with the DESIGN AND CONSTRUCTION GUIDELINES FOR WORK UNDER THE DRAINAGE ACT.

RECOMMENDATIONS

We are therefore recommending the following:

- that the outside bend of the existing Elginfield Drain ditch bank be resloped and protected with rip-rap and Turf Reinforcement mat
- that three new closed drains, to be known as Branches 'F', 'G', and 'J' and consisting of 200mm to 300mm concrete and plastic tiles, including related appurtenances, be constructed to provide a proper surface and sub-surface drainage outlet for the affected areas
- that 250mm to 825mm tile and sewer pipe be constructed adjacent to and work in conjunction with the existing tile Branches 'A', 'B', 'D', and 'E' tiles and the portion of Branch 'C' on Lot 32, Concession 7, including cross connections and related appurtenances
- that the new tile on Branch 'A' be connected to Branch 'D' and to the existing 525mm tile of Branch 'A' where it heads east across Mitchell Line
- that a concrete block weir be constructed at the upstream (west) end of the road surface culvert under Roman Line on Branch 'D' to direct road ditch flow into the surface pipe
- that catchbasins, fifteen WASCoB structures, and one WASCoB storage area be constructed at various locations on the proposed drains to allow direct surface water entry into the tiles and reduce surface flow and erosion
- that the existing private 200mm smooth wall plastic tile between the Roman Line Drain and Branch 'D' is to be incorporated as Branch 'H' for future maintenance purposes
- that additional WASCoB berms with surface inlets be privately constructed by landowners in various locations on and near the proposed drains in Lots 31 and 32, Concessions 7 and 8
- that the lower 190 meters of Branch 'D' on the B. McComb property be constructed as an open ditch to accommodate the potential privately constructed pond along this area
- that a portion of the excavated material from the above ditch and the lower 150 meters of Branch 'D' from the larger tiles on the property be used to construct WASCoB structures nearby



RECOMMENDATIONS (cont'd)

- that the upstream portion (113 meters) of Branch 'C' not being improved in this report be included as part of this report for future maintenance purposes
- that the portion of the existing 525mm Branch 'A' tile (1981) from the new Branch 'A' connection, east to the Elginfield Drain ditch in Lot 33, Concession 9, be known and included as part of this report as the North Outlet for future maintenance purposes
- that the existing surface culvert under Roman Line on Branch 'D' be replaced due to its poor condition
- that as maintenance (not part of this report) the trees planted within 12 meters on each side of the 1981 Branch 'A' east of Mitchell Line be moved from within this area by the owner or by the Township of Lucan Biddulph at the owners cost

In accordance with the principals of Section 14(2) of the Drainage Act, the existing surface waterway along the route of the tile drain(s) shall be part of the drainage works for future maintenance. The width available for the waterway shall be equal to the maintenance working width as noted on the Contract Drawings.

It is recommended that basement, cellar, or crawlspace drains be directed to a sump and then discharged onto the ground surface well away from foundations and septic systems or should owners desire to connect these drains to the new outlet drain, then it is suggested that they not be directly connected to the drains. Rather it is suggested that such a connection be made by an indirect method such as by sump pump with an open-air connection such as a mini-catchbasin, crushed stone filled excavation connected to a storm P.D.C. and should include a check valve and be piped above foundation level. It is noted that there is still a risk of flooding even with indirect methods of connection and any/all responsibility shall be borne by the owner. Downspouts from eavestroughs should be directed onto the ground surface well away from foundations and septic systems and are **not** permitted to be connected to the Municipal Drain.

ENVIRONMENTAL CONSIDERATIONS AND MITIGATION MEASURES

Based on the information available, there are no significant wetlands, sensitive areas or endangered species within the affected watershed area or along the route of the drains. The proposed construction of the Blake Drain 2021 includes quarry stone and turf reinforcement mat outlet protection, surface inlets, and WASCoB berms which greatly help reduce the overland erosion and downstream flooding. A temporary flow check of silt fencing is to be installed in the ditch downstream of the tile outlet for the duration of the construction.

SUMMARY OF PROPOSED WORK

The proposed work consists of approximately 6,629 lineal meters of 200mm to 825mm concrete field tile and HDPE sewer pipe and 187 meters of open ditch construction including related appurtenances and the incorporation of 240 lineal meters of 200mm smooth wall plastic tile.



SCHEDULES

Three schedules are attached hereto and form part of this report, being Schedule 'A' - Allowances, Schedule 'B' - Cost Estimate, and Schedule 'C' - Assessment for Construction.

Schedule 'A' - Allowances. In accordance with Sections 29 and 30 of the Drainage Act, allowances are provided for right-of-way and damages to lands and crops along the route of the drain as defined below.

Schedule 'B' - Cost Estimate. This schedule provides for a detailed cost estimate of the proposed work which is in the amount of \$1,050,700.00. This estimate includes engineering and administrative costs associated with this project.

Schedule 'C' - Assessment for Construction. This schedule outlines the distribution of the total estimated cost of construction over the roads and lands which are involved.

Drawing No.'s 1 to 6, Job No. 220043 and specifications form part of this report. They show and describe in detail the location and extent of the work to be done and the lands which are affected.

ALLOWANCES

RIGHT-OF-WAY: Section 29 of the Drainage Act provides for an allowance to the owners whose land must be used for the construction, repair, or future maintenance of a drainage works.

For tile drains where the owners will be able to continue to use the land, the allowance provides for the right to enter upon such lands, and at various times for the purpose of inspecting such drain, removing obstructions, and making repairs. Also, the allowance provides for the restrictions imposed on those lands to protect the right-of-way from obstruction or derogation. The amounts granted for right-of-way on tile drains is based on a percentage of the value of the land designated for future maintenance. Therefore, the amounts granted are based on \$6,750.00/ha. through cropped lands and \$2,625.00/ha. through bush. These values are multiplied by the hectares derived from the width granted for future maintenance and the applicable lengths.

Where the new tile drain is installed adjacent to the existing drain as a dual tile system, the allowance for right-of-way was granted in a previous report, and then right-of-way is granted only for the additional working width provided.

DAMAGES: Section 30 of the Drainage Act provides for the compensation to landowners along the drain for damages to lands and crops caused by the construction of the drain. The amount granted is based on the following:

- a) for closed drain installed with wheel machine - \$3,510.00/ha.
- b) for closed drains installed through bush with wheel machine - \$2,500.00/ha.

These base rates are multiplied by the hectares derived from the working widths shown on the plans and the applicable lengths.



ASSESSMENT DEFINITIONS

In accordance with the Drainage Act, lands that make use of a drainage works are liable for assessment for part of the cost of constructing and maintaining the system. These assessments are known as benefit, outlet liability and special benefit as set out under Sections 22 and 23 of the Act.

SECTION 22

Benefit as defined in the Drainage Act means the advantages to any lands, roads, buildings or other structures from the construction, improvement, repair or maintenance of a drainage works such as will result in a higher market value or increased crop production or improved appearance or better control of surface water, or any other advantages relating to the betterment of lands, roads, buildings or other structures.

Special Benefit is assessed to lands for which some additional work or feature has been included in the construction repair or improvement of a drainage works. The costs of such work are separated and assessed independently from the regular work.

Benefit By Cut-Off is assessed to lands or roads which obtain relief from surface and/or sub-surface drainage onto or through their lands by the diversion of said surface and/or sub-surface drainage into another watershed.

SECTION 23

Outlet liability is assessed to lands or roads that may make use of a drainage works as an outlet either directly or indirectly through the medium of any other drainage works or of a swale, ravine, creek, or watercourse.

In addition, a Public Utility or Road Authority shall be assessed for and pay all the increased cost to a drainage works due to the construction and operation of the Public Utility or Road Authority. This may be shown as either benefit or special assessment.

ASSESSMENT

A modified "Todgham Method" is typically used to calculate the assessments shown on Schedule 'C'- Assessment for Construction. This entails breaking down the costs of the drain into sections along its route. Special Assessments and Special Benefit Assessments are then extracted from each section.

The remainder is then separated into Benefit and Outlet Assessments. The Benefit is distributed to those properties receiving benefit as defined under "Assessment Definitions", with such properties usually being located along or close to the route of the drain. The Outlet is distributed to all properties within the watershed area of that section on an adjusted basis. The areas are adjusted for location along that section, and relative run-off rates. Due to their different relative run-off rates, forested lands are assessed for outlet at lower rates than cleared lands. Also, roads and residential properties are assessed for outlet at higher rates than cleared farmlands.



ASSESSMENT (cont'd)

The actual cost of the work involving this report, with the exception of Special Assessments, is to be assessed on a pro-rata basis against the lands and roads liable for assessment for benefit, and outlet as shown in detail on Schedule 'C' - Assessment for Construction. The Special Assessments shall be levied as noted in the Section "Special Assessment".

SPECIAL ASSESSMENT

In accordance with Section 26 of the Drainage Act, Special Assessments have been made against the Township of Lucan Biddulph being the increased cost to the drainage work for constructing a 200mm diameter sewer pipe under Observatory Drive on Branch 'B' and a 525mm and 900mm diameter sewer pipe under Roman Line on Branch 'D' due to the construction and operation of their roads. The Special Assessments shall be made up of the actual cost of this work and both the final and estimated values of the Special Assessment are to be calculated as follows:

Drain	Cost of Work	Less Equivalent Drain Cost (Fixed)	Plus Administration Cost	Plus Interest & Net H.S.T.	Special Assessment
Br. 'B'	\$4,790.00	\$440.00	\$1,825.00	\$310.00	\$6,485.00
Br. 'D'	\$18,590.00	\$1,200.00	\$3,275.00	\$1,030.00	\$21,695.00

In accordance with Section 26 of the Drainage Act, a Special Assessment has been made against the Ministry of Transportation being the increased cost to the drainage work for installing, repairing, and constructing erosion protection on the bend in the Elginfield Drain ditch at the outlet of Branch 'A' - 'D' due to the construction and operation of Mitchell Line (Highway 23). The Special Assessment shall be made up of the actual cost of this work and both the final and estimated values of the Special Assessment are to be calculated as follows:

Drain	Cost of Work	Less Equivalent Drain Cost (Fixed)	Plus Administration Cost	Plus Interest & Net H.S.T.	Special Assessment
Br. 'A'-'D'	\$15,860.00	\$800.00	\$2,400.00	\$870.00	\$18,330.00

In accordance with Section 26 of the Drainage Act, a Special Assessment has been made against Enbridge Gas Inc. for the cost of locating and determining the elevation of their 50mm gasmain on Roman Line, being the increased cost to the drainage works due to the construction and operation of their utilities. The Special Assessment shall be as shown on Schedule 'C'. The Special Assessment shall also include any additional cost to adjust the gasmain, if required.

If any additional work is required to the drainage works due to the existence of buried utilities such as gas/water/oil pipelines, communications cables, etc. or if any of the utilities require relocation or repair, then, the extra costs incurred shall be borne by the utility involved in accordance with the provisions of Section 26 of the Drainage Act.



GRANTS

In accordance with the provisions of Section 85 of the Drainage Act, a grant **may** be available for assessments against privately owned parcels of land which are used for agricultural purposes and eligible for the Farm Property Class Tax rate. Section 88 of the Drainage Act directs the Municipality to make application for this grant upon certification of completion of this drain. The Municipality will then deduct the grant from the assessments prior to collecting the final assessments. It should be noted that all costs to increase the design standard above the 38mm per 24 hours is assessed separately and shown not to receive the grant.

MAINTENANCE

Upon completion of construction, all owners are hereby made aware of Sections 80 and 82 of the Drainage Act which forbid the obstruction of or damage or injury to a municipal drain. This includes tree roots penetrating tiles from trees planted by owners or naturally occurring. For tiles through bush areas we recommend the owner maintain the cleared space by either mowing (hay) or growing a crop over it. If no maintenance is completed over several years, we recommend the Municipality complete the mowing/clearing as part of maintenance at the discretion of the Drainage Superintendent.

After completion, the entire Blake Drain 2021, including the existing 1981 and 1982 drains, shall be maintained by the Township of Lucan Biddulph at the expense of all upstream lands and roads assessed in Schedule 'C' - Assessment for Construction and in the same relative proportions until such time as the assessment is changed under the Drainage Act.

Special Assessments shall **not** be pro-rated for future maintenance purposes but shall be applied as an actual cost special if part of the maintenance.

The upper portion of Branch 'C' and Branch 'A' – North Outlet shall be maintained in accordance with the grades and dimensions set out in the plans and specifications contained in the Blake Drain 1981 report.

For maintenance on WASCoBs, due to the purpose of their construction, the costs shall be pro-rated over the entire Schedule regardless of where on the drain the maintenance work is completed.

Repairs or improvements to any road culvert or sub-surface road crossing shall be the responsibility of the applicable Road Authority, entirely at their cost.

Respectfully submitted,

SPRIET ASSOCIATES LONDON LIMITED

M.P. DeVos, P. Eng.



MPD:bv



SPRIET ASSOCIATES
engineers & architects

SCHEDULE 'A' - ALLOWANCES

BLAKE DRAIN 2021

Township of Lucan Biddulph

In accordance with Sections 29 and 30 of the Drainage Act, we determine the allowances payable to owners entitled thereto as follows:

CON.	LOT	ROLL NUMBER (Owner)	Section 29 Right-of-Way	Section 30 Damages	TOTALS
BRANCHES A & D SOUTH OUTLET					
<i>Geographic Biddulph</i>					
8&SB	33&Pt.2	030-062 (SWB Poultry Farms)	\$ 540.00	\$ 1,120.00	\$ 1,660.00
Total Allowances			\$ 540.00	\$ 1,120.00	\$ 1,660.00
TOTAL ALLOWANCES ON THE BRANCHES A & D SOUTH OUTLET					\$ 1,660.00
BRANCH A					
<i>Geographic Biddulph</i>					
7	31	010-124-50 (Grant L. Dietrich Farms Ltd.)	\$ 20.00	\$ 40.00	\$ 60.00
7	Pt.32	010-125 (H. Dietrich)	1,900.00	3,960.00	5,860.00
8	32	030-063 (H. & J. Van Den Berg)	6,750.00	7,590.00	14,340.00
8&SB	33&Pt.2	030-062 (SWB Poultry Farms)	3,460.00	4,210.00	7,670.00
Total Allowances			\$ 12,130.00	\$ 15,800.00	\$ 27,930.00
TOTAL ALLOWANCES ON BRANCH A					\$ 27,930.00
BRANCH B					
<i>Geographic Biddulph</i>					
7	Pt.S $\frac{1}{2}$ 30	030-056 (Hugh J. Dietrich Farms Ltd.)	\$ 20.00	\$ 40.00	\$ 60.00
7	31	010-124-50 (Grant L. Dietrich Farms Ltd.)	1,400.00	2,900.00	4,300.00
8	S $\frac{1}{2}$ 31	030-064 (Hugh J. Dietrich Farms Ltd.)	640.00	1,330.00	1,970.00
8	32	030-063 (H. & J. Van Den Berg)	720.00	1,490.00	2,210.00
Total Allowances			\$ 2,780.00	\$ 5,760.00	\$ 8,540.00
TOTAL ALLOWANCES ON BRANCH B					\$ 8,540.00

SCHEDULE 'A' - ALLOWANCES (Cont'd)

BLAKE DRAIN 2021**Township of Lucan Biddulph**

CON.	LOT	ROLL NUMBER (Owner)	Section 29 Right-of-Way	Section 30 Damages	TOTALS
BRANCH C					
<i>Geographic Biddulph</i>					
7	Pt.32	010-125 (H. Dietrich)	\$ 870.00	\$ 1,800.00	\$ 2,670.00
7	Pt.33	010-126 (Seelster Farms Inc.)	30.00	60.00	90.00
Total Allowances			\$ 900.00	\$ 1,860.00	\$ 2,760.00
TOTAL ALLOWANCES ON BRANCH C			\$ 2,760.00		

BRANCHES D & J

<i>Geographic Biddulph</i>					
NLR	NPt.10	010-167 (R. Cunningham)	\$ 3,640.00	\$ 3,210.00	\$ 6,850.00
NLR	SPT.10	010-167-01 (Frans Livestock Inc.)	1,050.00	640.00	1,690.00
NLR	EPt12	010-185 (B. & S. McComb)	500.00	760.00	1,260.00
7	Pt.32	010-125 (H. Dietrich)	20.00	40.00	60.00
7	Pt.33	010-126 (Seelster Farms Inc.)	6,000.00	8,750.00	14,750.00
8&SB	33&Pt.2	030-062 (SWB Poultry Farms)	2,850.00	4,500.00	7,350.00
SB	1	030-057 (B. McComb)	1,600.00	3,040.00	4,640.00
Total Allowances			\$ 15,660.00	\$ 20,940.00	\$ 36,600.00
TOTAL ALLOWANCES ON BRANCHES D & J			\$ 36,600.00		

BRANCH E

<i>Geographic Biddulph</i>					
NLR	Pt.11&12	010-175 (Seelster Farms Inc.)	\$ 300.00	\$ 130.00	\$ 430.00
NLR	EPt12	010-185 (B. & S. McComb)	540.00	350.00	890.00
7	Pt.33	010-126 (Seelster Farms Inc.)	4,360.00	4,040.00	8,400.00
Total Allowances			\$ 5,200.00	\$ 4,520.00	\$ 9,720.00
TOTAL ALLOWANCES ON BRANCH E			\$ 9,720.00		

SCHEDULE 'A' - ALLOWANCES (Cont'd)

BLAKE DRAIN 2021
Township of Lucan Biddulph

CON.	LOT	ROLL NUMBER (Owner)	Section 29 Right-of-Way	Section 30 Damages	TOTALS
BRANCH F					
<i>Geographic Biddulph</i>					
NLR	SPt.10	010-167-01 (Frans Livestock Inc.)	\$ 2,520.00	\$	\$ 2,520.00
Total Allowances			\$ 2,520.00	\$	\$ 2,520.00
TOTAL ALLOWANCES ON BRANCH F					\$ 2,520.00
TOTAL ALLOWANCES ON THE BLAKE DRAIN 2021					\$ 89,730.00
BRANCH G					
<i>Geographic Biddulph</i>					
7	Pt.32	010-125 (H. Dietrich)	\$ 1,560.00	\$ 1,620.00	\$ 3,180.00
7	NWPt.32	010-125-01 (Hugh Dietrich Farms Ltd.)	40.00	40.00	80.00
Total Allowances			\$ 1,600.00	\$ 1,660.00	\$ 3,260.00
TOTAL ALLOWANCES ON BRANCH G					\$ 3,260.00
BRANCH H					
<i>Geographic Biddulph</i>					
7	Pt.33	010-126 (Seelster Farms Inc.)	\$ 810.00	\$	\$ 810.00
Total Allowances			\$ 810.00	\$	\$ 810.00
TOTAL ALLOWANCES ON BRANCH H					\$ 810.00
TOTAL ALLOWANCES ON THE BLAKE DRAIN 2021					\$ 93,800.00

SCHEDULE 'B' - COST ESTIMATE

BLAKE DRAIN 2021

Township of Lucan Biddulph

We have made an estimate of the cost of the proposed work which is outlined in detail as follows:

BRANCHES A & D SOUTH OUTLET

Mobilization of equipment	\$	200.00
Regrade inside slope and pack into west bank, create ditch bottom including seeding of resloped east bank (see Detail on Drawings)	\$	450.00
Seeding of east ditch banks (approx. 100 m ²)	\$	80.00
Clearing & grubbing	\$	1,800.00
Regrade ditch banks, seed, supply and place N.A.G. C350 Turf Reinforcement Mat with quarry stone rip-rap & exist. sacked concrete rip-rap base protection on resloped & seeded bank and around outlet pipes in accordance with Outlet Detail on Drawings (sacked concrete to be removed and mixed with quarry stone)		
(Approx. 205 m ² seeding required)	\$	160.00
(Approx. 235 m ² C350 TRM required)	\$	5,170.00
(Approx. 41 m ³ quarry stone required)	\$	8,200.00
Supply & install 6 meters of 900mm dia., H.D.P.E. plastic sewer pipe including bedding and rodent gate	\$	2,340.00
Installation of the following concrete field tile including supply & installation of geotextile around tile joints (approx. 470m req'd)		
154 meters of 825mm dia. concrete tile	\$	5,180.00
Supply of the above listed tile	\$	15,800.00
Hauling away and disposing of excess material for 825mm tile (approx. 190 m ³)	\$	1,400.00
Contingency amount for increased cost due to poor soil conditions:		
Installation of tile with excavator on a bedding of crushed stone (50 meters)	\$	1,000.00
Supply & delivery of 19mm crushed (Approx. 20 tonnes req'd)	\$	600.00
Contingency Allowance for stony conditions (2 pull outs)	\$	550.00
Strip, stockpile and releve topsoil from tile trench and adjacent working area (4m wide) specified on drawings (approx. 160m)	\$	960.00
Exposing and locating existing tile drains		
(preconstruction)	\$	280.00
(construction)	\$	280.00
Tile connections as noted on plan	\$	2,110.00
Tender security	\$	460.00
Tile connections and contingencies	\$	1,500.00
Allowances under Sections 29 & 30 of the Drainage Act	\$	1,660.00

SCHEDULE 'B' - COST ESTIMATE

BLAKE DRAIN 2021

Township of Lucan Biddulph

BRANCH A

Mobilization of equipment	\$	200.00
Installation of the following concrete field tile including supply & installation of geotextile around tile joints (approx. 3,370 m req'd)		
242 meters of 250mm dia. concrete tile	\$	4,690.00
105 meters of 350mm dia. concrete tile	\$	2,330.00
220 meters of 525mm dia. concrete tile	\$	5,570.00
53 meters of 600mm dia. concrete tile	\$	1,430.00
1111 meters of 675mm dia. concrete tile	\$	30,670.00
Supply of the above listed tile	\$	89,300.00
Supply & Installation of the following concrete tile (2400 D) under WASCoB (berm) including supply & installation of geotextile wrap around tile joints approx. 70 m req'd) & bedding material		
16 meters of 250mm dia. concrete tile (2400 D)	\$	560.00
28 meters of 675mm dia. concrete tile (2400 D)	\$	1,400.00
Supply of the above listed tile	\$	2,480.00
Contingency amount for increased cost due to poor soil conditions:		
Installation of tile on crushed stone bedding with excavator (100 meters)	\$	2,700.00
Supply & delivery of 19mm crushed (Approx. 40 tonnes req'd)	\$	1,200.00
Contingency Allowance for stony conditions (15 pull outs)	\$	4,130.00
Strip, stockpile and releve topsoil from tile trench and adjacent working area (4m wide) specified on drawings (approx. 1723m)	\$	10,340.00
Construct grassed WASCoB (Berm) @ Sta. 0+416 using hauled native material strip, stockpile, and releve topsoil (approx. 300m ²)	\$	600.00
construct berm using hauled material including compaction (100 m ³)	\$	2,000.00
seed berm upon completion	\$	250.00
supply & install one 250mm dia. "Hickenbottom" C.B. including 4m - 250mm lead	\$	900.00
Construct grassed WASCoB (Berm) @ Sta. 0+725 using on-site native material strip, stockpile, and releve topsoil (approx. 300m ²)	\$	800.00
construct berm using adjacent on-site material including compaction (20 m ³)	\$	800.00
seed berm upon completion	\$	200.00
supply & install one 250mm dia. "Hickenbottom" C.B. including 3m - 250mm lead	\$	900.00
Construct grassed WASCoB (Berm) 127m N. of Sta. 0+730 using on-site native material strip, stockpile, and releve topsoil (approx. 500m ²)	\$	900.00
construct berm using adjacent on-site material including compaction (80 m ³)	\$	1,200.00
seed berm upon completion	\$	400.00
supply & install one 250mm dia. "Hickenbottom" C.B.	\$	750.00
127 meters of 250mm dia. concrete tile lead	\$	4,390.00

SCHEDULE 'B' - COST ESTIMATE (cont'd)

BLAKE DRAIN 2021
Township of Lucan Biddulph**BRANCH A (cont'd)**

Construct worked WASCoB (Berm) @ Sta. 0+920 using on-site native material strip, stockpile, and relevel topsoil (approx. 700m ²)	\$	1,100.00
construct berm using adjacent on-site material including compaction (80 m ³)	\$	1,200.00
supply & install one "Blind Inlet" C.B. including 3m - 250mm lead	\$	1,400.00
Construct worked WASCoB (Berm) 69m N. of Sta. 1+070 using on-site native material strip, stockpile, and relevel topsoil (approx. 2200m ²)	\$	3,300.00
construct berm using adjacent on-site material including compaction (230 m ³)	\$	3,500.00
seed berm upon completion	\$	400.00
supply & install one 250mm dia. "Hickenbottom" C.B.	\$	1,250.00
69 meters of 250mm dia. concrete tile lead	\$	2,390.00
Supply and install the following concrete structures including, grates, leads, fittings, connection of all new & existing tiles		
0+725 one 1800mm x 1800mm junction box CB (with benching)		
12m - 525mm concrete tile to reconnect exist. tile	\$	7,800.00
1+380 one 1200mm x 1800mm junction box CB (with benching)	\$	5,800.00
1+653 one 900mm x 1200mm junction box (with benching)	\$	3,900.00
Exposing and locating existing tile drains (preconstruction)	\$	3,020.00
(construction)	\$	3,020.00
Tile connections and cross connections as noted on plan including fittings	\$	4,780.00
Tender security	\$	3,210.00
Tile connections and contingencies	\$	8,000.00
Allowances under Sections 29 & 30 of the Drainage Act	\$	27,930.00

BRANCH B

Mobilization of equipment	\$	200.00
Installation of the following concrete field tile including supply & installation of geotextile around tile joints (approx. 1,010 m req'd)		
11 meters of 200mm dia. concrete tile	\$	180.00
185 meters of 250mm dia. concrete tile	\$	3,580.00
488 meters of 350mm dia. concrete tile	\$	10,840.00
142 meters of 450mm dia. concrete tile	\$	3,470.00
Supply of the above listed tile	\$	17,370.00
Contingency Allowance for stony conditions (7 pull outs)	\$	1,930.00
Strip, stockpile and relevel topsoil from tile trench and adjacent working area (4m wide) specified on drawings (approx. 821m)	\$	4,930.00

SCHEDULE 'B' - COST ESTIMATE (cont'd)

BLAKE DRAIN 2021
Township of Lucan Biddulph**BRANCH B (cont'd)**

15.0 meters of 200mm sewer pipe		
Supply	\$	290.00
Installation under Observatory Road by open cut		
including removal & disposal of existing pipe	\$	4,500.00
Supply and install one 900mm x 1200mm ditch inlet catchbasin junction box (with benching) and one 600mm x 600mm standard catchbasins, including berm, connection to new & exist. tiles, grates, removal and disposal of existing catchbasin	\$	5,550.00
Exposing and locating existing tile drains	(preconstruction)	\$ 1,430.00
	(construction)	\$ 1,430.00
Tile connections and cross connections as noted on plan including fittings	\$	1,000.00
Tender security	\$	850.00
Tile connections and contingencies	\$	2,500.00
Allowances under Sections 29 & 30 of the Drainage Act	\$	8,540.00

BRANCH C

Mobilization of equipment	\$	200.00
Installation of the following concrete field tile including supply & installation of geotextile around tile joints (approx. 240 m req'd)		
95 meters of 200mm dia. concrete tile	\$	1,580.00
160 meters of 250mm dia. concrete tile	\$	3,100.00
10 meters of 300mm dia. concrete tile	\$	210.00
Supply of the above listed tile	\$	3,860.00
Contingency Allowance for stony conditions (2 pull outs)	\$	550.00
Strip, stockpile and releve topsoil from tile trench and adjacent working area (4m wide) specified on drawings (approx. 265m)	\$	1,590.00
Exposing and locating existing tile drains	(preconstruction)	\$ 460.00
	(construction)	\$ 460.00
Tile connections as noted on plan including fittings	\$	610.00
Tender security	\$	190.00
Tile connections and contingencies	\$	800.00
Allowances under Sections 29 & 30 of the Drainage Act	\$	2,760.00

SCHEDULE 'B' - COST ESTIMATE (cont'd)

BLAKE DRAIN 2021**Township of Lucan Biddulph****BRANCHES D & J**

Mobilization of equipment	\$	200.00
<u>DITCH OUTLET & INLET - Sta. 0+763 to Sta. 0+956</u>		
Supply, install & construct the following:		
Strip topsoil for berm (approx. 200m ²)	\$	400.00
Construct berm (approx. 40m ³)	\$	700.00
187m new ditch construction (approx. 1250m ³)	\$	4,000.00
Seeding of ditch banks (1600m ²)	\$	1,000.00
Levelling of remaining excavated material (approx. 830m ³)	\$	1,900.00
One 900mm x 1200mm catchbasin with custom grate	\$	3,000.00
6m-525mm lead	\$	400.00
Grading at Sta 0+763 and 2m ³ quarry stone rip-rap	\$	800.00
Single length (4m) 750mm HDPE sewer pipe	\$	600.00
Construct grate across 750mm pipe with 12-30m rebar including bend (2.4m long)	\$	1,200.00
Installation of the following concrete field tile including supply & installation of geotextile around tile joints (approx. 4,500 m req'd)		
46 meters of 250mm dia. concrete tile	\$	890.00
137 meters of 300mm dia. concrete tile	\$	2,860.00
50 meters of 350mm dia. concrete tile	\$	1,110.00
181 meters of 450mm dia. concrete tile	\$	4,420.00
1063 meters of 525mm dia. concrete tile	\$	26,890.00
563 meters of 675mm dia. concrete tile	\$	15,540.00
285 meters of 750mm dia. concrete tile	\$	7,990.00
Supply of the above listed tile	\$	110,290.00
Supply & Installation of the following concrete tile (2400 D) under WASCoB (berm) including supply & installation of geotextile wrap around tile joints approx. 150 m req'd) & bedding material		
12 meters of 300mm dia. concrete tile(2400 D)	\$	600.00
46 meters of 525mm dia. concrete tile (2400 D)	\$	2,300.00
44 meters of 675mm dia. concrete tile (2400 D)	\$	2,200.00
Supply of the above listed sewer pipe	\$	5,080.00
Contingency amount for increased cost due to poor soil conditions:		
Installation of tile on crushed stone bedding with excavator (200 meters)	\$	5,400.00
Supply & delivery of 19mm crushed (Approx. 80 tonnes req'd)	\$	2,400.00
Contingency Allowance for stony conditions (20 pull outs)	\$	5,500.00
Strip, stockpile and releve topsoil from tile trench and adjacent working area (4m wide) specified on drawings (approx. 2569m)	\$	15,400.00
18.5 meters of 900mm HDPE sewer pipe (surface)		
19.0 meters of 525mm HDPE sewer pipe (subsurface)		
Supply of pipes	\$	6,460.00
Installation under Roman Line by open cut including bedding & backfill, removal & disposal of exist. 500mm subsurface pipe & 900mm surface pipe	\$	10,330.00

SCHEDULE 'B' - COST ESTIMATE (cont'd)

BLAKE DRAIN 2021
Township of Lucan Biddulph**BRANCHES D & J (cont'd)**

Supply & install recycled concrete block weir around end of surface pipe @ Sta. 2+360	\$	1,800.00
Construct worked WASCoB (Berm) @ Sta. 0+426 using on-site native material strip, stockpile, and releve topsoil (approx. 600m ²)	\$	1,100.00
construct berm using hauled material including compaction (220 m ³)	\$	4,400.00
supply & install one "Blind Inlet" C.B. including 10m - 250mm lead	\$	1,700.00
Construct worked WASCoB (Berm) @ Sta. 0+680 using on-site native material strip, stockpile, and releve topsoil (approx. 300m ²)	\$	500.00
construct berm using hauled material including compaction (80 m ³)	\$	1,200.00
supply & install one "Blind Inlet" C.B. including 3m - 250mm lead	\$	1,250.00
Construct grassed WASCoB (Berm) @ Sta. 0+992 using on-site native material strip, stockpile, and releve topsoil (approx. 150m ²)	\$	500.00
construct berm using adjacent on-site material including compaction (20 m ³)	\$	500.00
seed berm upon completion	\$	150.00
supply & install one 300mm dia. "Hickenbottom" C.B. including 3m - 250mm lead	\$	750.00
Construct worked WASCoB (Berm) @ Sta. 1+580 using on-site native material strip, stockpile, and releve topsoil (approx. 780m ²)	\$	1,400.00
construct berm using hauled material including compaction (160 m ³)	\$	3,200.00
supply & install one "Blind Inlet" C.B. including 3m - 250mm lead	\$	1,250.00
Construct worked WASCoB (Berm) @ Sta. 1+800 using on-site native material strip, stockpile, and releve topsoil (approx. 600m ²)	\$	1,100.00
construct berm using hauled material including compaction (160 m ³)	\$	3,200.00
supply & install one "Blind Inlet" C.B. including 2m - 250mm lead	\$	1,250.00
Construct worked WASCoB (Berm) @ Sta. 2+090 using on-site native material strip, stockpile, and releve topsoil (approx. 410m ²)	\$	700.00
construct berm using adjacent on-site material including compaction (110 m ³)	\$	1,700.00
supply & install one "Blind Inlet" C.B. including 2m - 250mm lead	\$	1,250.00
Construct grassed WASCoB (Berm) Sta. 2+393 using on-site native material strip, stockpile, and releve topsoil (approx. 500m ²)	\$	900.00
construct berm using adjacent on-site material including compaction (30 m ³)	\$	300.00
seed berm upon completion	\$	500.00
supply & install three 200mm dia. "Hickenbottom" C.B. incl. 20m - 200mm lead	\$	1,900.00
clearing & grubbing	\$	800.00
Construct worked WASCoB (Berm) @ Sta. 2+600 using on-site native material strip, stockpile, and releve topsoil (approx. 1700m ²)	\$	2,700.00
construct berm using adjacent on-site material including compaction (220 m ³)	\$	3,300.00
supply & install one "Blind Inlet" C.B. including 20m - 250mm 2400 D lead	\$	2,400.00

SCHEDULE 'B' - COST ESTIMATE (cont'd)

BLAKE DRAIN 2021**Township of Lucan Biddulph****BRANCHES D & J (cont'd)**

Construct grassed WASCoB (Berm) Sta. 2+749 using on-site native material strip, stockpile, and relevel topsoil (approx. 1000m ²)	\$	1,600.00
construct berm using adjacent on-site material including compaction (70 m ³)	\$	1,100.00
seed berm upon completion	\$	300.00
supply & install one 250mm dia. "Hickenbottom" C.B.	\$	600.00
clearing & grubbing	\$	400.00
Supply and install the following concrete structures including, grates, leads, fittings, berms, connection of all new & existing tiles, removal and disposal of existing catchbasins		
0+282 one 900mm x 1200 mm ditch inlet catchbasin with berm & turfmat overflow chute	\$	3,500.00
0+436 one 1800mm x 1800 mm junction box (with benching) including 16m - 525mm 2400 D concrete tile to reconnect exist. tile	\$	7,500.00
0+767 one 1200mm x 1800 mm CB junction box (with benching)	\$	5,500.00
1+241 one 1200mm x 1800 mm CB junction box (with benching)	\$	5,800.00
1+875 one 900mm x 1500 mm junction box (with benching)	\$	4,300.00
2+341 one 900mm x 1200 mm ditch inlet catchbasin junction box (with benching)	\$	3,650.00
Supply & install 300mm "Hicken Bottom" catchbasin with 300mm lead @ Sta. 2+360±	\$	800.00
Exposing and locating existing tile drains	(preconstruction)	\$ 4,500.00
	(construction)	\$ 4,500.00
Exposing and locating existing utilities	(preconstruction)	\$ 1,000.00
	(construction)	\$ 500.00
Clearing & grubbing	\$	9,000.00
Tile connections as noted on plan including fittings	\$	4,810.00
Tender security	\$	5,110.00
Tile connections and contingencies	\$	10,000.00
Allowances under Sections 29 & 30 of the Drainage Act	\$	36,600.00

BRANCH E

Mobilization of equipment	\$	200.00
Installation of the following concrete field tile including supply & installation of geotextile around tile joints (approx. 585 m req'd)		
230 meters of 350mm dia. concrete tile	\$	5,110.00
210 meters of 450mm dia. concrete tile	\$	5,130.00
Supply of the above listed tile	\$	11,150.00
Contingency Allowance for stony conditions (3 pull outs)	\$	830.00

SCHEDULE 'B' - COST ESTIMATE (cont'd)

BLAKE DRAIN 2021
Township of Lucan Biddulph**BRANCH E (cont'd)**

Strip, stockpile and relevel topsoil from tile trench and adjacent working area (4m wide) specified on drawings (approx. 400m)	\$	2,400.00
Construct worked WASCoB (storage) @ Sta.0+125 including levelling of material		
Strip, stockpile, and relevel topsoil (approx. 2000m ²)	\$	4,100.00
Excavate storage basin (400 m ³)	\$	4,000.00
Supply & install 2 blind inlets including 18m - 200mm lead	\$	2,700.00
Construct worked WASCoB (Berm) @ Sta.0+418 using on-site native material		
strip, stockpile, and relevel topsoil (approx. 1500m ²)	\$	2,400.00
construct berm using adjacent on-site material including compaction (120 m ³)	\$	1,800.00
supply & install one 250mm dia. "Hickenbottom" C.B.	\$	900.00
supply & install one 250mm dia. "Hickenbottom" C.B. including 3m lead	\$	900.00
32 meters of 300mm dia. concrete tile lead	\$	1,110.00
Supply and install the one 900mm x 1500mm catchbasin junction box including benching, grate and connection of all new & existing tiles	\$	5,100.00
Exposing and locating existing tile drains and utilities (preconstruction)	\$	730.00
(construction)	\$	730.00
Tile connections as noted on plan	\$	300.00
Tender security	\$	740.00
Tile connections as noted on plan including fittings	\$	300.00
Allowances under Sections 29 & 30 of the Drainage Act	\$	9,720.00

BRANCH F

Mobilization of equipment	\$	200.00
Installation of the following flexible dual smooth wall solid plastic pipe with approved drainage plow including stripping and redistribution of topsoil and scalping if required		
373 meters of 200mm dia. plastic dual smooth wall perforated pipe	\$	8,210.00
Supply of the above listed tile	\$	8,220.00
Exposing and locating existing tile drains (construction)	\$	650.00
Tile connections as noted on plan	\$	1,050.00
Tender security	\$	270.00
Tile connections and contingencies	\$	500.00
Allowances under Sections 29 of the Drainage Act	\$	2,520.00

SCHEDULE 'B' - COST ESTIMATE (cont'd)

BLAKE DRAIN 2021
Township of Lucan Biddulph**BRANCH G**

Mobilization of equipment	\$	200.00
Installation of the following concrete field tile including supply & installation of geotextile around tile joints (approx. 220 m req'd)		
100 meters of 200mm dia. concrete tile	\$	1,660.00
150 meters of 250mm dia. sewer pipe	\$	2,900.00
Supply of the above listed tile/pipe	\$	3,580.00
Contingency Allowance for stony conditions (2 pull outs)	\$	550.00
Strip, stockpile and releve topsoil from tile trench and adjacent working area (4m wide) specified on drawings (approx. 237m)	\$	1,420.00
Exposing and locating existing tile drains (construction)	\$	730.00
Tile connections as noted on plan	\$	100.00
Tender security	\$	170.00
Tile connections and contingencies	\$	500.00
Allowances under Sections 29 & 30 of the Drainage Act	\$	3,260.00

BRANCH H

Allowances under Sections 29 of the Drainage Act	\$	810.00
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ADMINISTRATION

Conservation Authority Review Fee	\$	500.00
Interest and Net Harmonized Sales Tax	\$	32,315.00
Survey, Plan and Final Report	\$	110,363.00
Expenses	\$	3,512.00
Supervision and Final Inspection	\$	<u>25,300.00</u>

TOTAL ESTIMATED COST **\$ 1,050,700.00**

SCHEDULE 'C' - ASSESSMENT FOR CONSTRUCTION

BLAKE DRAIN 2021

Township of Lucan Biddulph

Job No. 220043

March 26, 2021

* = Non-agricultural, ** = Non-grantable

		HECTARES		ROLL No. (OWNER)	BENEFIT	OUTLET	TOTAL				
CON.	LOT	AFFECTED									
BRANCHES A & D SOUTH OUTLET											
Geographic Biddulph											
NLR	Pt.8&9	0.2	010-166 (911670 Ontario Ltd.)	\$	\$	6.00	\$ 6.00				
			** 010-166 (911670 Ontario Ltd.)			1.00	1.00				
NLR	NPt.10	22.8	010-167 (R. Cunningham)			1,440.00	1,440.00				
			** 010-167 (R. Cunningham)			212.00	212.00				
NLR	SPt.10	11.0	010-167-01 (Frans Livestock Inc.)			663.00	663.00				
			** 010-167-01 (Frans Livestock Inc.)			98.00	98.00				
* NLR	SPt.10	0.88	010-167-10 (D. Kelly)			77.00	77.00				
* NLR	SPt.10	1.6	010-169 (Roman Catholic E. C.)			116.00	116.00				
* NLR	NWPt.11	0.14	010-174 (W. Timmermans)			20.00	20.00				
* NLR	NWPt.11	0.14	010-175-02 (W. Timmermans)			20.00	20.00				
* NLR	NWPt.11	0.55	010-177-10 (D. & T. Vanhooydonk)			70.00	70.00				
* NLR	NWPt.11	0.12	010-175-01 (R.Bannister)			17.00	17.00				
* NLR	NWPt.11	0.42	010-177 (M. & N. Francis)			54.00	54.00				
* NLR	NWPt.11	0.06	010-173 (K.Elliot & C. Finlayson)			9.00	9.00				
* NLR	NWPt.11	0.02	010-172 (C. Luyten)			3.00	3.00				
NLR	Pt.11&12	22.8	010-175 (Seelster Farms Inc.)			1,440.00	1,440.00				
			** 010-175 (Seelster Farms Inc.)			212.00	212.00				
NLR	EPt12	8.2	010-185 (B. & S. McComb)			518.00	518.00				
			** 010-185 (B. & S. McComb)			76.00	76.00				
7	Pt.S½30	5.8	030-056 (Hugh J. Dietrich Farms Ltd.)			366.00	366.00				
			** 030-056 (Hugh J. Dietrich Farms Ltd.)			54.00	54.00				
7	31	35.4	010-124-50 (Grant L. Dietrich Farms Ltd.)			2,236.00	2,236.00				
			** 010-124-50 (Grant L. Dietrich Farms Ltd.)			329.00	329.00				
7	Pt.32	30.6	010-125 (H. Dietrich)			1,933.00	1,933.00				
			** 010-125 (H. Dietrich)			284.00	284.00				
7	NWPt.32	9.1	010-125-01 (Hugh Dietrich Farms Ltd.)			574.00	574.00				
			** 010-125-01 (Hugh Dietrich Farms Ltd.)			85.00	85.00				
* 7	NWPt.32	0.79	010-125-03 (S. Cassidy)			69.00	69.00				
7	Pt.33	38.4	010-126 (Seelster Farms Inc.)			2,426.00	2,426.00				
			** 010-126 (Seelster Farms Inc.)			357.00	357.00				
* 7	NWPt.33	0.14	010-126-01 (Vandermolen Homes Inc.)			20.00	20.00				
* 7	NWPt.33	0.14	010-127 (D. Vandermolen)			20.00	20.00				
* 7	NWPt.33	0.93	010-127-01 (D. Vandermolen)			81.00	81.00				
* 7	SWPt.33	0.40	010-128 (T. Davidson & J. Shaw)			51.00	51.00				
* 7	SWPt.33	0.40	010-129 (G. Anderson)			51.00	51.00				
8	30	2.0	030-066 (J. Dewan)			63.00	63.00				
			** 030-066 (J. Dewan)			9.00	9.00				
8	N½31	6.0	030-065 (Hugh J. Dietrich Farms)			379.00	379.00				
			** 030-065 (Hugh J. Dietrich Farms)			56.00	56.00				
8	S½31	15.4	030-064 (Hugh J. Dietrich Farms Ltd.)			973.00	973.00				

SCHEDULE 'C' - ASSESSMENT FOR CONSTRUCTION

BLAKE DRAIN 2021

Township of Lucan Biddulph

* = Non-agricultural, ** = Non-grantable

HECTARES

CON.	LOT	AFFECTED	ROLL No. (OWNER)	BENEFIT	OUTLET	TOTAL
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BRANCHES A & D SOUTH OUTLET (cont'd)*Geographic Biddulph*

			** 030-064 (Hugh J. Dietrich Farms Ltd.)	\$	\$ 143.00	\$ 143.00
8	32	33.3	030-063 (H. & J. Van Den Berg)		2,103.00	2,103.00
			** 030-063 (H. & J. Van Den Berg)		310.00	310.00
8&SB	33&Pt.2	43.0	030-062 (SWB Poultry Farms)	12,404.00	2,564.00	14,968.00
			** 030-062 (SWB Poultry Farms)	1,826.00	374.00	2,200.00
SB	1	9.7	030-057 (B. McComb)		518.00	518.00
			** 030-057 (B. McComb)		76.00	76.00
9	33	-	030-123 (A. & Z. Carreau)	924.00		924.00
			** 030-123 (A. & Z. Carreau)	136.00		136.00

TOTAL ASSESSMENT ON LANDS

\$ 15,290.00	\$ 21,556.00	\$ 36,846.00
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Roman Line	2.1	Township of Lucan Biddulph	\$	\$ 489.00	\$ 489.00
Mitchell Ln(Hwy 23)		Ministry of Transportation	1,280.00		1,280.00
Observatory Drive	2.0	Township of Lucan Biddulph		435.00	435.00

TOTAL ASSESSMENT ON ROADS

\$ 1,280.00	\$ 924.00	\$ 2,204.00
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SPECIAL ASSESSMENT against the Ministry of Transportation

for the increased cost of erosion protection on the bend in the Elginfield Drain
ditch due to the construction and operation of the Mitchell Line (Highway 23)

\$ 18,330.00

TOTAL ASSESSMENT ON THE BRANCHES A & D SOUTH OUTLET

<u>\$ 57,380.00</u>

SCHEDULE 'C' - ASSESSMENT FOR CONSTRUCTION (Cont'd)

BLAKE DRAIN 2021

Township of Lucan Biddulph

* = Non-agricultural

CON.	LOT	HECTARES AFFECTED	ROLL No. (OWNER)	BENEFIT	OUTLET	TOTAL
BRANCH A NORTH OUTLET						
<i>Geographic Biddulph</i>						
7	Pt.S1½30	5.8	030-056 (Hugh J. Dietrich Farms Ltd.)		57.00	57.00
7	31	35.4	010-124-50 (Grant L. Dietrich Farms Ltd.)		347.00	347.00
7	Pt.32	21.4	010-125 (H. Dietrich)		210.00	210.00
7	NWPt.32	8.7	010-125-01 (Hugh Dietrich Farms Ltd.)		79.00	79.00
7	Pt.33	3.4	010-126 (Seelster Farms Inc.)		33.00	33.00
8	30	2.0	030-066 (J. Dewan)		10.00	10.00
8	N1½31	6.0	030-065 (Hugh J. Dietrich Farms)		59.00	59.00
8	S1½31	15.4	030-064 (Hugh J. Dietrich Farms Ltd.)		151.00	151.00
8	32	33.3	030-063 (H. & J. Van Den Berg)		327.00	327.00
8&SB	33&Pt.2	18.2	030-062 (SWB Poultry Farms)	570.00	203.00	773.00
9	33	0.2	030-123 (A. & Z. Carreau)	340.00		340.00
TOTAL ASSESSMENT ON LANDS				\$ 910.00	\$ 1,476.00	\$ 2,386.00
Roman Line		0.1	Township of Lucan Biddulph		3.00	3.00
Mitchell Ln(Hwy 23)		1.2	Ministry of Transportation	120.00	22.00	142.00
Observatory Drive		2.0	Township of Lucan Biddulph		59.00	59.00
TOTAL ASSESSMENT ON ROADS				\$ 120.00	\$ 84.00	\$ 204.00
TOTAL ASSESSMENT ON THE BRANCH A NORTH OUTLET					\$ <u>2,590.00</u>	

SCHEDULE 'C' - ASSESSMENT FOR CONSTRUCTION (Cont'd)

BLAKE DRAIN 2021

Township of Lucan Biddulph

* = Non-agricultural, ** = Non-grantable

CON.	LOT	HECTARES AFFECTED	ROLL No. (OWNER)	BENEFIT	OUTLET	TOTAL
BRANCH A						
<i>Geographic Biddulph</i>						
7	Pt.S1/230	5.8	030-056 (Hugh J. Dietrich Farms Ltd.)	\$	\$ 4,263.00	\$ 4,263.00
			** 030-056 (Hugh J. Dietrich Farms Ltd.)		507.00	507.00
7	31	35.4	010-124-50 (Grant L. Dietrich Farms Ltd.)		37,340.00	37,340.00
			** 010-124-50 (Grant L. Dietrich Farms Ltd.)		4,444.00	4,444.00
7	Pt.32	21.4	010-125 (H. Dietrich)	26,488.00	23,017.00	49,505.00
			** 010-125 (H. Dietrich)	3,152.00	2,739.00	5,891.00
7	NWPt.32	8.7	010-125-01 (Hugh Dietrich Farms Ltd.)	1,117.00	9,335.00	10,452.00
			** 010-125-01 (Hugh Dietrich Farms Ltd.)	133.00	1,111.00	1,244.00
7	Pt.33	3.4	010-126 (Seelster Farms Inc.)		2,499.00	2,499.00
			** 010-126 (Seelster Farms Inc.)		297.00	297.00
8	30	2.0	030-066 (J. Dewan)		735.00	735.00
			** 030-066 (J. Dewan)		87.00	87.00
8	N1/231	6.0	030-065 (Hugh J. Dietrich Farms)		4,409.00	4,409.00
			** 030-065 (Hugh J. Dietrich Farms)		525.00	525.00
8	S1/231	15.3	030-064 (Hugh J. Dietrich Farms Ltd.)		8,436.00	8,436.00
			** 030-064 (Hugh J. Dietrich Farms Ltd.)		1,004.00	1,004.00
8	32	33.3	030-063 (H. & J. Van Den Berg)	45,558.00	15,911.00	61,469.00
			** 030-063 (H. & J. Van Den Berg)	5,422.00	1,893.00	7,315.00
8&SB	33&Pt.2	14.2	030-062 (SWB Poultry Farms)	35,818.00	5,056.00	40,874.00
			** 030-062 (SWB Poultry Farms)	4,262.00	602.00	4,864.00
9	33		030-123 (A. & Z. Carreau)	626.00		626.00
			** 030-123 (A. & Z. Carreau)	74.00		74.00
TOTAL ASSESSMENT ON LANDS				\$ 122,650.00	\$ 124,210.00	\$ 246,860.00
Roman Line	0.1		Township of Lucan Biddulph	\$	\$ 516.00	\$ 516.00
Mitchell Ln(Hwy 23)			Ministry of Transportation	450.00		450.00
Observatory Drive	2.0		Township of Lucan Biddulph		4,934.00	4,934.00
TOTAL ASSESSMENT ON ROADS				\$ 450.00	\$ 5,450.00	\$ 5,900.00
TOTAL ASSESSMENT ON BRANCH A					\$ <u>252,760.00</u>	

SCHEDULE 'C' - ASSESSMENT FOR CONSTRUCTION (Cont'd)

BLAKE DRAIN 2021

Township of Lucan Biddulph

* = Non-agricultural, ** = Non-grantable

CON.	LOT	HECTARES AFFECTED	ROLL No. (OWNER)	BENEFIT	OUTLET	TOTAL
BRANCH B						
<i>Geographic Biddulph</i>						
7	Pt.S1/230	5.8	030-056 (Hugh J. Dietrich Farms Ltd.)	\$ 1,168.00	\$ 5,524.00	\$ 6,692.00
		**	030-056 (Hugh J. Dietrich Farms Ltd.)	92.00	437.00	529.00
7	31	19.4	010-124-50 (Grant L. Dietrich Farms Ltd.)	19,888.00	15,706.00	35,594.00
		**	010-124-50 (Grant L. Dietrich Farms Ltd.)	1,572.00	1,241.00	2,813.00
7	Pt.32	0.5	010-125 (H. Dietrich)		95.00	95.00
		**	010-125 (H. Dietrich)		8.00	8.00
8	30	2.0	030-066 (J. Dewan)		572.00	572.00
		**	030-066 (J. Dewan)		45.00	45.00
8	N1/231	6.0	030-065 (Hugh J. Dietrich Farms)	834.00	2,857.00	3,691.00
		**	030-065 (Hugh J. Dietrich Farms)	66.00	226.00	292.00
8	S1/231	4.0	030-064 (Hugh J. Dietrich Farms Ltd.)	9,156.00	1,334.00	10,490.00
		**	030-064 (Hugh J. Dietrich Farms Ltd.)	724.00	105.00	829.00
8	32	1.0	030-063 (H. & J. Van Den Berg)	10,204.00	190.00	10,394.00
		**	030-063 (H. & J. Van Den Berg)	806.00	16.00	822.00
TOTAL ASSESSMENT ON LANDS				\$ 44,510.00	\$ 28,356.00	\$ 72,866.00
Observatory Drive				2.0	Township of Lucan Biddulph	\$ 3,330.00 \$ 4,624.00 \$ 7,954.00
TOTAL ASSESSMENT ON ROADS				\$ 3,330.00	\$ 4,624.00	\$ 7,954.00
SPECIAL ASSESSMENT against the Township of Biddulph for the increased cost of constructing a 200mm sewer pipe under Observatory Line						\$ 6,485.00
TOTAL ASSESSMENT ON BRANCH B						\$ 87,305.00
BRANCH C						
<i>Geographic Biddulph</i>						
7	Pt.32	3.5	010-125 (H. Dietrich)	\$ 11,058.00	\$ 2,504.00	\$ 13,562.00
		**	010-125 (H. Dietrich)	432.00	98.00	530.00
7	Pt.33	3.4	010-126 (Seelster Farms Inc.)	2,262.00	3,476.00	5,738.00
		**	010-126 (Seelster Farms Inc.)	88.00	136.00	224.00
8	32	0.5	030-063 (H. & J. Van Den Berg)		510.00	510.00
		**	030-063 (H. & J. Van Den Berg)		21.00	21.00
8&SB	33&Pt.2	4.2	030-062 (SWB Poultry Farms)	500.00	2,710.00	3,210.00
		**	030-062 (SWB Poultry Farms)	20.00	105.00	125.00
TOTAL ASSESSMENT ON LANDS				\$ 14,360.00	\$ 9,560.00	\$ 23,920.00
TOTAL ASSESSMENT ON BRANCH C						\$ 23,920.00

SCHEDULE 'C' - ASSESSMENT FOR CONSTRUCTION (Cont'd)

BLAKE DRAIN 2021

Township of Lucan Biddulph

* = Non-agricultural, ** = Non-grantable

CON.	LOT	HECTARES AFFECTED	ROLL No. (OWNER)	BENEFIT	OUTLET	TOTAL
BRANCHES D & J						
<i>Geographic Biddulph</i>						
NLR	Pt.8&9	0.2	010-166 (911670 Ontario Ltd.)	\$	\$ 396.00	\$ 396.00
			** 010-166 (911670 Ontario Ltd.)		30.00	30.00
NLR	NPt.10	22.8	010-167 (R. Cunningham)	18,965.00	42,420.00	61,385.00
			** 010-167 (R. Cunningham)	1,455.00	3,255.00	4,710.00
NLR	SPt.10	11.0	010-167-01 (Frans Livestock Inc.)	3,538.00	19,681.00	23,219.00
			** 010-167-01 (Frans Livestock Inc.)	272.00	1,510.00	1,782.00
* NLR	SPt.10	0.88	010-167-10 (D. Kelly)		1,935.00	1,935.00
* NLR	SPt.10	1.60	010-169 (Roman Catholic E. C.)		2,924.00	2,924.00
* NLR	NWPt.11	0.14	010-174 (W. Timmermans)		316.00	316.00
* NLR	NWPt.11	0.14	010-175-02 (W. Timmermans)		316.00	316.00
* NLR	NWPt.11	0.55	010-177-10 (D. & T. Vanhooydonk)		739.00	739.00
* NLR	NWPt.11	0.12	010-175-01 (R.Bannister)		242.00	242.00
* NLR	NWPt.11	0.42	010-177 (M. & N. Francis)		642.00	642.00
* NLR	NWPt.11	0.06	010-173 (K.Elliot & C. Finlayson)		221.00	221.00
* NLR	NWPt.11	0.02	010-172 (C. Luyten)		74.00	74.00
NLR	Pt.11&12	22.8	010-175 (Seelster Farms Inc.)		16,299.00	16,299.00
			** 010-175 (Seelster Farms Inc.)		1,251.00	1,251.00
NLR	EPt12	8.2	010-185 (B. & S. McComb)	11,804.00	5,569.00	17,373.00
			** 010-185 (B. & S. McComb)	906.00	427.00	1,333.00
7	Pt.32	9.2	010-125 (H. Dietrich)	1,319.00	12,704.00	14,023.00
			** 010-125 (H. Dietrich)	101.00	975.00	1,076.00
7	NWPt.32	1.7	010-125-01 (Hugh Dietrich Farms Ltd.)		1,763.00	1,763.00
			** 010-125-01 (Hugh Dietrich Farms Ltd.)		135.00	135.00
* 7	NWPt.32	0.79	010-125-03 (S. Cassidy)		1,706.00	1,706.00
7	Pt.33	35.0	010-126 (Seelster Farms Inc.)	64,482.00	36,583.00	101,065.00
			** 010-126 (Seelster Farms Inc.)	4,948.00	2,807.00	7,755.00
* 7	NWPt.33	0.14	010-126-01 (Vandermolen Homes Inc.)		503.00	503.00
* 7	NWPt.33	0.14	010-127 (D. Vandermolen)		503.00	503.00
* 7	NWPt.33	0.93	010-127-01 (D. Vandermolen)		2,009.00	2,009.00
* 7	SWPt.33	0.40	010-128 (T. Davidson & J. Shaw)		1,256.00	1,256.00
* 7	SWPt.33	0.40	010-129 (G. Anderson)		1,256.00	1,256.00
8&SB	33&Pt.2	24.8	030-062 (SWB Poultry Farms)	52,669.00	11,409.00	64,078.00
			** 030-062 (SWB Poultry Farms)	4,041.00	876.00	4,917.00
SB	1	9.7	030-057 (B. McComb)	18,668.00	4,690.00	23,358.00
			** 030-057 (B. McComb)	1,432.00	360.00	1,792.00
TOTAL ASSESSMENT ON LANDS				\$ 184,600.00	\$ 177,782.00	\$ 362,382.00

SCHEDULE 'C' - ASSESSMENT FOR CONSTRUCTION (Cont'd)

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BLAKE DRAIN 2021
Township of Lucan Biddulph

CON.	LOT	HECTARES AFFECTED	ROLL No. (OWNER)	BENEFIT	OUTLET	TOTAL
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BRANCHES D & J (cont'd)*Geographic Biddulph*

Roman Line	2.0	Township of Lucan Biddulph		\$ 2,280.00	12,548.00	\$ 14,828.00
TOTAL ASSESSMENT ON ROADS				\$ 2,280.00	\$ 12,548.00	\$ 14,828.00

SPECIAL ASSESSMENT against the Township of Lucan-Biddulph
for the increased cost of constructing 525mm and 900mm sewer pipes under
Roman Line and a concrete block weir around the upstream end of the surface pipe \$ 21,695.00

SPECIAL ASSESSMENT against the Enbridge Inc. for the increased of locating and
exposing their 50mm plastic gasmain on Roman Line \$ 2,570.00

TOTAL ASSESSMENT ON BRANCHES D & J \$ **401,475.00**

BRANCH E*Geographic Biddulph*

* NLR	NWPt.11	0.09	010-174 (W. Timmermans)	\$	\$ 109.00	\$ 109.00
* NLR	NWPt.11	0.09	010-175-02 (W. Timmermans)		109.00	109.00
* NLR	NWPt.11	0.55	010-177-10 (D. & T. Vanhooydonk)		580.00	580.00
* NLR	NWPt.11	0.09	010-175-01 (R. Bannister)		109.00	109.00
* NLR	NWPt.11	0.38	010-177 (M. & N. Francis)		405.00	405.00
NLR	Pt.11&12	22.8	010-175 (Seelster Farms Inc.)	6,163.00	11,102.00	17,265.00
			** 010-175 (Seelster Farms Inc.)	342.00	615.00	957.00
NLR	EPT12	2.2	010-185 (B. & S. McComb)	1,866.00	316.00	2,182.00
			** 010-185 (B. & S. McComb)	104.00	17.00	121.00
7	Pt.33	13.3	010-126 (Seelster Farms Inc.)	15,913.00	6,857.00	22,770.00
			** 010-126 (Seelster Farms Inc.)	882.00	381.00	1,263.00
TOTAL ASSESSMENT ON LANDS				\$ 25,270.00	\$ 20,600.00	\$ 45,870.00

TOTAL ASSESSMENT ON BRANCH E \$ **45,870.00**

SCHEDULE 'C' - ASSESSMENT FOR CONSTRUCTION (Cont'd)

BLAKE DRAIN 2021

Township of Lucan Biddulph

* = Non-agricultural

CON.	LOT	HECTARES AFFECTED	ROLL No. (OWNER)	BENEFIT	OUTLET	TOTAL
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BRANCH F

Geographic Biddulph

NLR	SPt.10	4.9	010-167-01 (Frans Livestock Inc.)	\$ 14,110.00	\$ 7,515.00	\$ 21,625.00
* NLR	SPt.10	0.88	010-167-10 (D. Kelly)	450.00	1,910.00	2,360.00
* NLR	SPt.10	1.6	010-169 (Roman Catholic E. C.)		2,885.00	2,885.00
TOTAL ASSESSMENT ON LANDS				\$ 14,560.00	\$ 12,310.00	\$ 26,870.00

TOTAL ASSESSMENT ON BRANCH F

\$ 26,870.00

BRANCH G

Geographic Biddulph

7	Pt.32	4.2	010-125 (H. Dietrich)	\$	9,280.00	\$	2,863.00	\$	12,143.00
7	NWPt.32	6.5	010-125-01 (Hugh Dietrich Farms Ltd.)		1,670.00		5,697.00		7,367.00
TOTAL ASSESSMENT ON LANDS				\$	10,950.00	\$	8,560.00	\$	19,510.00

TOTAL ASSESSMENT ON BRANCH G

\$ 19,510.00

BRANCH H

Geographic Biddulph

Roman Line	2.0	Township of Lucan Biddulph	\$	1,740.00	\$	1,740.00
			=====			
TOTAL ASSESSMENT ON ROADS			\$	1,740.00	\$	1,740.00
			=====			

TOTAL ASSESSMENT ON BRANCH H

\$ 1,740.00

SCHEDULE 'C' - ASSESSMENT FOR CONSTRUCTION (Cont'd)

BLAKE DRAIN 2021

Township of Lucan Biddulph

* = Non-agricultural

CON.	LOT	HECTARES AFFECTED	ROLL No. (OWNER)	BENEFIT	OUTLET	TOTAL
BRANCH A WASCObS						
<i>Geographic Biddulph</i>						
7	Pt.S1/230	5.8	030-056 (Hugh J. Dietrich Farms Ltd.)	\$	\$ 726.00	\$ 726.00
7	31	35.4	010-124-50 (Grant L. Dietrich Farms Ltd.)		4,431.00	4,431.00
7	Pt.32	21.4	010-125 (H. Dietrich)		2,679.00	2,679.00
7	NWPt.32	8.7	010-125-01 (Hugh Dietrich Farms Ltd.)		1,008.00	1,008.00
7	Pt.33	3.4	010-126 (Seelster Farms Inc.)		426.00	426.00
8	30	2.0	030-066 (J. Dewan)		125.00	125.00
8	N1/231	6.0	030-065 (Hugh J. Dietrich Farms)		751.00	751.00
8	S1/231	15.3	030-064 (Hugh J. Dietrich Farms Ltd.)		1,915.00	1,915.00
8	32	33.3	030-063 (H. & J. Van Den Berg)	8,680.00	4,168.00	12,848.00
8&SB	33&Pt.2	14.2	030-062 (SWB Poultry Farms)	15,410.00	1,721.00	17,131.00
TOTAL ASSESSMENT ON LANDS				\$ 24,090.00	\$ 17,950.00	\$ 42,040.00
Roman Line				\$	\$ 40.00	\$ 40.00
Mitchell Ln(Hwy 23)				760.00		760.00
Observatory Drive					750.00	750.00
TOTAL ASSESSMENT ON ROADS				\$ 760.00	\$ 790.00	\$ 1,550.00
TOTAL ASSESSMENT ON BRANCH A WASCObS					\$ 43,590.00	

SCHEDULE 'C' - ASSESSMENT FOR CONSTRUCTION (Cont'd)

BLAKE DRAIN 2021

Township of Lucan Biddulph

* = Non-agricultural

CON.	LOT	HECTARES AFFECTED	ROLL No. (OWNER)	BENEFIT	OUTLET	TOTAL
BRANCH D & E WASCObS						
<i>Geographic Biddulph</i>						
NLR	Pt.8&9	0.2	010-166 (911670 Ontario Ltd.)	\$	\$ 32.00	\$ 32.00
NLR	NPt.10	22.8	010-167 (R. Cunningham)	5,650.00	3,638.00	9,288.00
NLR	SPt.10	11.0	010-167-01 (Frans Livestock Inc.)	1,700.00	1,675.00	3,375.00
* NLR	SPt.10	0.88	010-167-10 (D. Kelly)		169.00	169.00
* NLR	SPt.10	1.60	010-169 (Roman Catholic E. C.)		255.00	255.00
* NLR	NWPt.11	0.14	010-174 (W. Timmermans)		45.00	45.00
* NLR	NWPt.11	0.14	010-175-02 (W. Timmermans)		45.00	45.00
* NLR	NWPt.11	0.55	010-177-10 (D. & T. Vanhooydonk)		153.00	153.00
* NLR	NWPt.11	0.12	010-175-01 (R.Bannister)		38.00	38.00
* NLR	NWPt.11	0.42	010-177 (M. & N. Francis)		118.00	118.00
* NLR	NWPt.11	0.06	010-173 (K.Elliot & C. Finlayson)		19.00	19.00
* NLR	NWPt.11	0.02	010-172 (C. Luyten)		6.00	6.00
NLR	Pt.11&12	22.8	010-175 (Seelster Farms Inc.)	4,490.00	3,638.00	8,128.00
NLR	EPt12	8.2	010-185 (B. & S. McComb)	3,370.00	1,308.00	4,678.00
7	Pt.32	9.2	010-125 (H. Dietrich)		1,468.00	1,468.00
7	NWPt.32	1.7	010-125-01 (Hugh Dietrich Farms Ltd.)		168.00	168.00
* 7	NWPt.32	0.79	010-125-03 (S. Cassidy)		152.00	152.00
7	Pt.33	35.0	010-126 (Seelster Farms Inc.)	23,460.00	5,584.00	29,044.00
* 7	NWPt.33	0.14	010-126-01 (Vandermolen Homes Inc.)		45.00	45.00
* 7	NWPt.33	0.14	010-127 (D. Vandermolen)		45.00	45.00
* 7	NWPt.33	0.93	010-127-01 (D. Vandermolen)		179.00	179.00
* 7	SWPt.33	0.40	010-128 (T. Davidson & J. Shaw)		112.00	112.00
* 7	SWPt.33	0.40	010-129 (G. Anderson)		112.00	112.00
8&SB	33&Pt.2	24.8	030-062 (SWB Poultry Farms)	19,910.00	3,638.00	23,548.00
SB	1	9.7	030-057 (B. McComb)	1,760.00	1,308.00	3,068.00
TOTAL ASSESSMENT ON LANDS				\$ 60,340.00	\$ 23,950.00	\$ 84,290.00
Roman Line	2.0	Township of Lucan Biddulph	\$ 380.00	1,020.00	\$ 1,400.00	
Mitchell Ln(Hwy 23)	1.2	Ministry of Transportation	\$ 2,000.00	\$	\$ 2,000.00	
TOTAL ASSESSMENT ON ROADS				\$ 2,380.00	\$ 1,020.00	\$ 3,400.00
TOTAL ASSESSMENT ON BRANCH D & E WASCObS					\$ 87,690.00	
TOTAL ASSESSMENT ON THE BLAKE DRAIN 2021					\$ 1,050,700.00	

SCHEDULE OF NET ASSESSMENT

BLAKE DRAIN 2021
Township of Lucan Biddulph

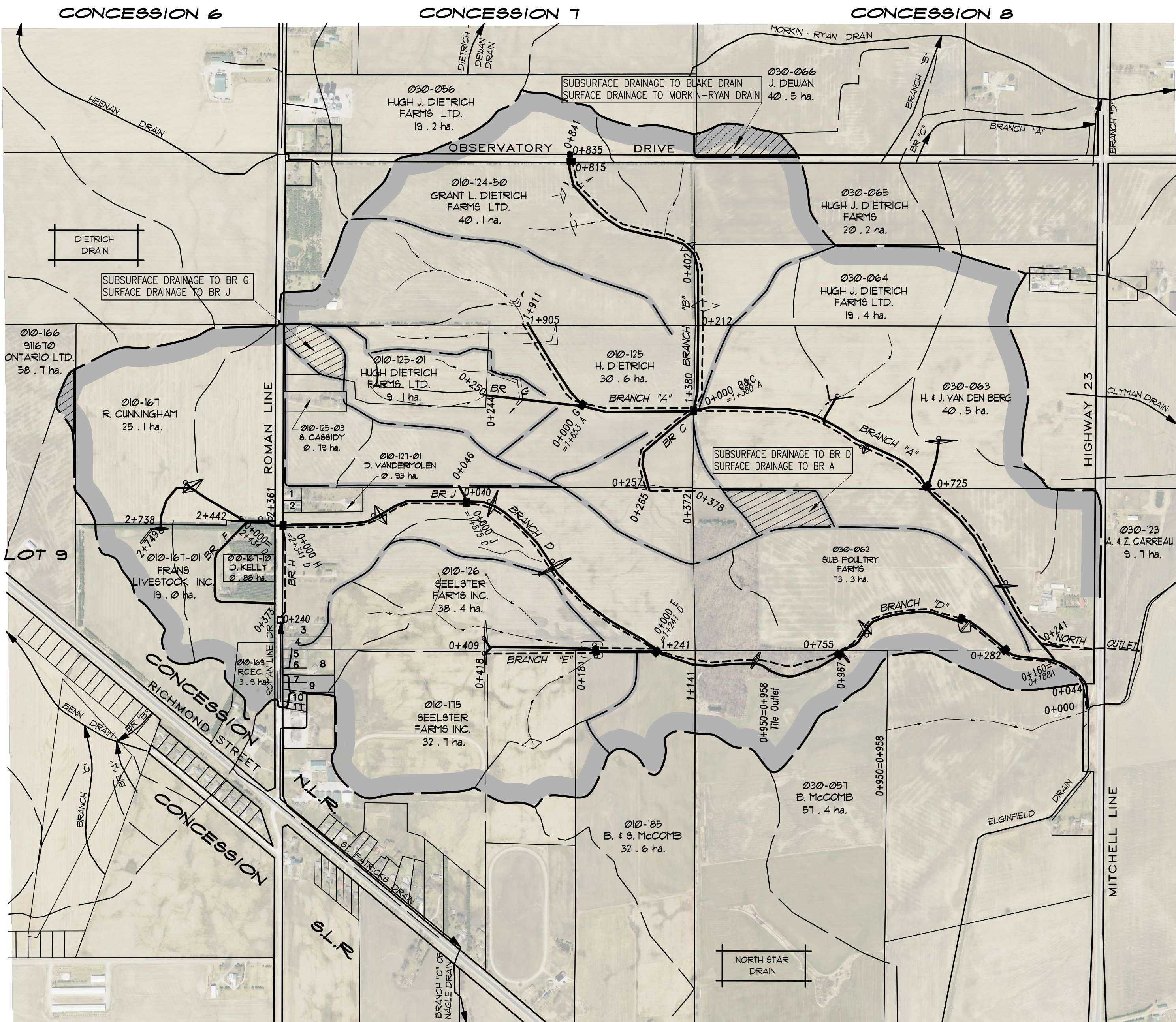
(FOR INFORMATION PURPOSES ONLY)

Job No. 220043

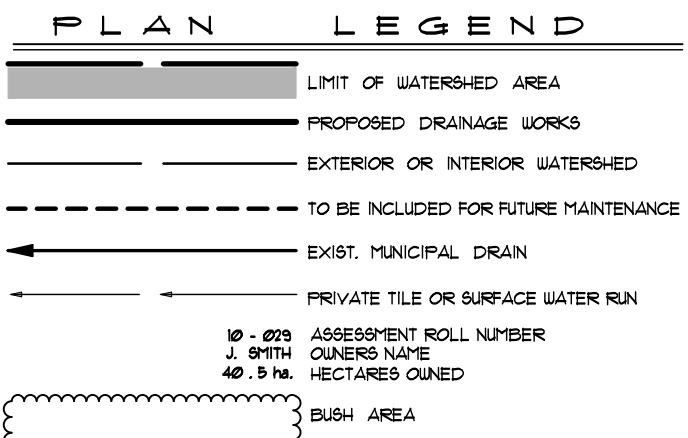
March 26, 2021

* = Non-agricultural, ** = Non-grantable

ROLL NUMBER OWNER)	TOTAL ASSESSMENT	GRANT	ALLOWANCES	APPROX. NET
<i>Geographic Biddulph</i>				
010-166 (911670 Ontario Ltd.)	\$ 434.00	\$ 133.00	\$	\$ 301.00
** 010-166 (911670 Ontario Ltd.)	31.00			31.00
010-167 (R. Cunningham)	72,113.00	22,091.00	6,850.00	43,172.00
** 010-167 (R. Cunningham)	4,922.00			4,922.00
010-167-01 (Frans Livestock Inc.)	48,882.00	14,974.00	4,210.00	29,698.00
** 010-167-01 (Frans Livestock Inc.)	1,880.00			1,880.00
* 010-167-10 (D. Kelly)	4,541.00			4,541.00
* 010-169 (Roman Catholic E. C.)	6,180.00			6,180.00
* 010-174 (W. Timmermans)	490.00			490.00
* 010-175-02 (W. Timmermans)	490.00			490.00
* 010-177-10 (D. & T. Vanhooydonk)	1,542.00			1,542.00
* 010-175-01 (R.Bannister)	406.00			406.00
* 010-177 (M. & N. Francis)	1,219.00			1,219.00
* 010-173 (K.Elliot & C. Finlayson)	249.00			249.00
* 010-172 (C. Luyten)	83.00			83.00
010-175 (Seelster Farms Inc.)	43,132.00	13,213.00	430.00	29,489.00
** 010-175 (Seelster Farms Inc.)	2,420.00			2,420.00
010-185 (B. & S. McComb)	24,751.00	7,582.00	2,150.00	15,019.00
** 010-185 (B. & S. McComb)	1,530.00			1,530.00
030-056 (Hugh J. Dietrich Farms Ltd.)	12,104.00	3,708.00	60.00	8,336.00
** 030-056 (Hugh J. Dietrich Farms Ltd.)	2,166.00			2,166.00
010-124-50 (Grant L. Dietrich Farms Ltd.)	79,948.00	24,491.00	4,360.00	51,097.00
** 010-124-50 (Grant L. Dietrich Farms Ltd.)	7,586.00			7,586.00
010-125 (H. Dietrich)	95,618.00	29,291.00	11,770.00	54,557.00
** 010-125 (H. Dietrich)	6,713.00			6,713.00
010-125-01 (Hugh Dietrich Farms Ltd.)	21,411.00	6,559.00	80.00	14,772.00
** 010-125-01 (Hugh Dietrich Farms Ltd.)	1,464.00			1,464.00
* 010-125-03 (S. Cassidy)	1,927.00			1,927.00
010-126 (Seelster Farms Inc.)	164,001.00	50,239.00	24,050.00	89,712.00
** 010-126 (Seelster Farms Inc.)	9,896.00			9,896.00
* 010-126-01 (Vandermolen Homes Inc.)	568.00			568.00
* 010-127 (D. Vandermolen)	568.00			568.00
* 010-127-01 (D. Vandermolen)	2,269.00			2,269.00
* 010-128 (T. Davidson & J. Shaw)	1,419.00			1,419.00
* 010-129 (G. Anderson)	1,419.00			1,419.00
030-066 (J. Dewan)	1,505.00	461.00		1,044.00
** 030-066 (J. Dewan)	141.00			141.00
030-065 (Hugh J. Dietrich Farms)	9,289.00	2,846.00		6,443.00
** 030-065 (Hugh J. Dietrich Farms)	873.00			873.00
030-064 (Hugh J. Dietrich Farms Ltd.)	21,965.00	6,729.00	1,970.00	13,266.00
** 030-064 (Hugh J. Dietrich Farms Ltd.)	1,976.00			1,976.00
030-063 (H. & J. Van Den Berg)	87,651.00	26,850.00	16,550.00	44,251.00
** 030-063 (H. & J. Van Den Berg)	8,468.00			8,468.00
030-062 (SWB Poultry Farms)	164,582.00	50,417.00	16,680.00	97,485.00
** 030-062 (SWB Poultry Farms)	12,106.00			12,106.00
030-057 (B. McComb)	26,944.00	8,254.00	4,640.00	14,050.00
** 030-057 (B. McComb)	1,868.00			1,868.00
030-123 (A. & Z. Carreau)	1,890.00	579.00		1,311.00
** 030-123 (A. & Z. Carreau)	210.00			210.00
* Roman Line	\$ 19,016.00	\$	\$	\$ 19,016.00
* Mitchell Ln(Hwy 23)	4,632.00			4,632.00
* Observatory Drive	14,132.00			14,132.00
* <u>Non Prorated Special Assessments</u>				
* Roman Line	21,695.00			21,695.00
* Mitchell Ln(Hwy 23)	18,330.00			18,330.00
* Observatory Drive	6,485.00			6,485.00
* Enbridge Inc	2,570.00			2,570.00
TOTALS	\$ 1,050,700.00	\$ 268,417.00	\$ 93,800.00	\$ 688,483.00

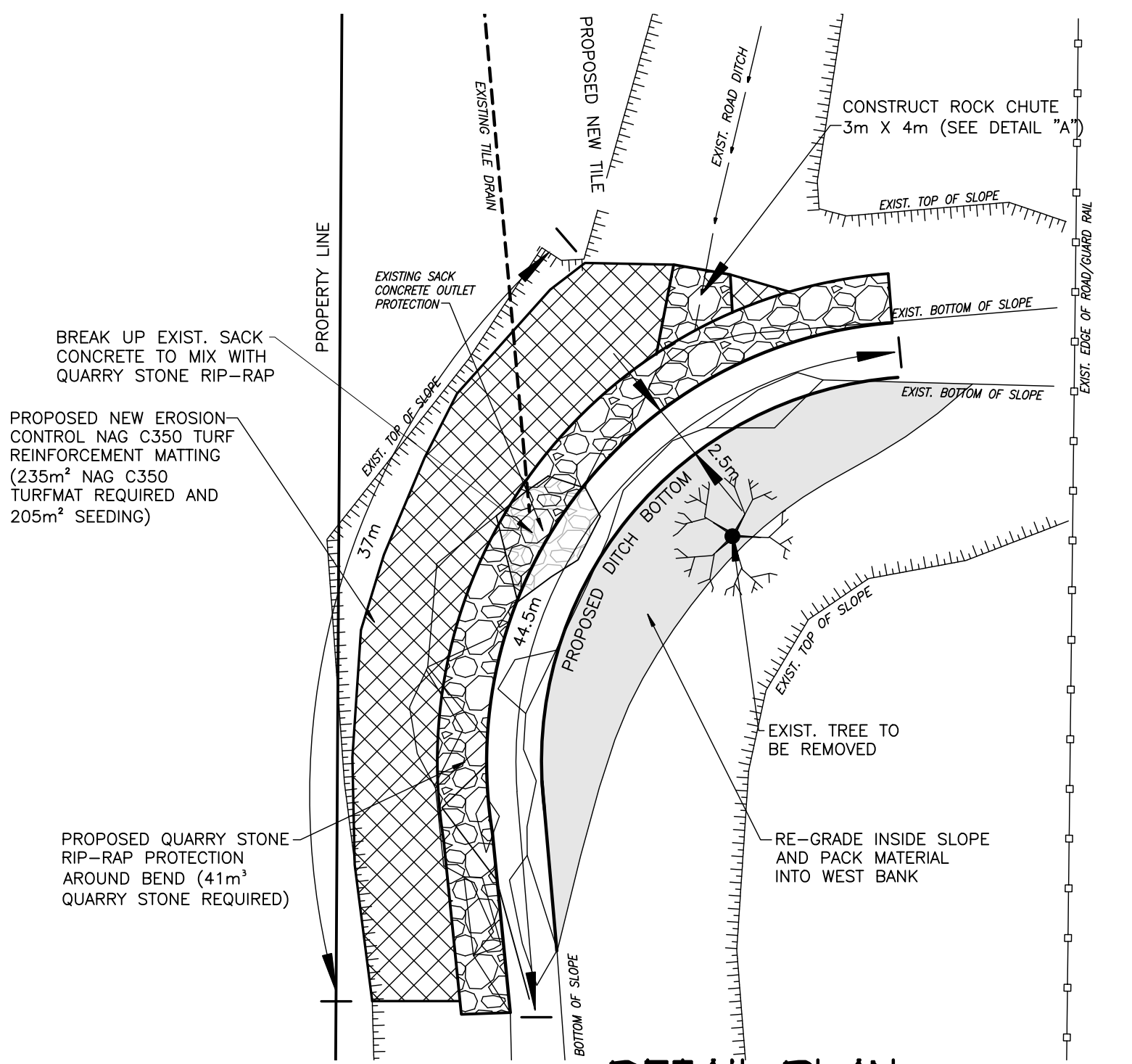


CONCESSION 6
CONCESSION 7
CONCESSION 8
LOT 9
LOT 10
LOT 11
LOT 12
LOT 1
LOT 2
LOT 3
CONCESSION 9, B.



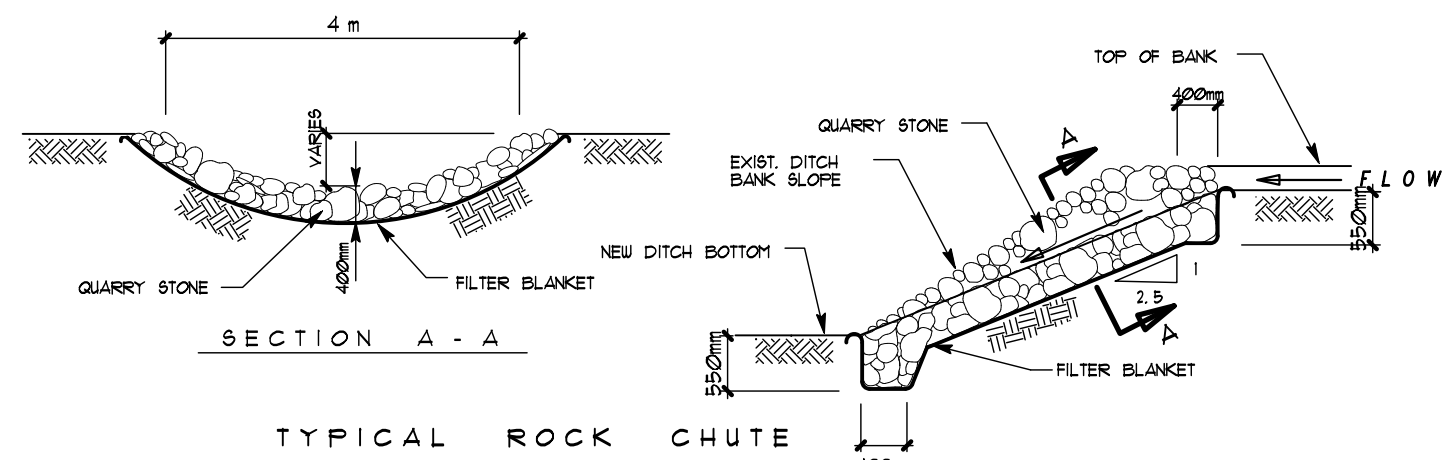
PLAN SCALE 1:1,500

LOT LEGEND		
ROLL NO.	OWNERSHIP	HECTARES OWNED
1) 010-126-01	VANDERMOLLEN HOMES INC.	0.14
2) 010-127	D. VANDERMOLLEN	0.14
3) 010-128	T. DAVIDSON & J. SHAW	0.40
4) 010-129	G. ANDERSON	0.40
5) 010-174	W. TIMMERMANS	0.14
6) 010-175-02	W. TIMMERMANS	0.14
7) 010-175-01	R. BANNISTER	0.12
8) 010-177-10	D. & T. VANHOODONK	0.55
9) 010-177	M. & N. FRANCOIS	0.42
10) 010-173	K. ELLIOTT & C. FINLAYSON	0.18
11) 010-172	C. LUYTEN	0.10



DETAIL PLAN SCALE 1:250

MITCHELL LINE



DETAIL "A"
N.T.S.

GENERAL NOTES

- 1/ OUR SPECIFICATIONS DATED JANUARY 2020 APPLY TO THIS PROJECT.
- 2/ THE WORKING WIDTH AVAILABLE TO THE CONTRACTOR TO CONSTRUCT THE NEW DRAINS SHALL CONSIST OF THOSE LANDS IMMEDIATELY ADJACENT TO THE DRAIN AND CONNECTIONS AND SHALL NOT EXCEED THE FOLLOWING AVERAGE WIDTHS:
 - OPEN PORTIONS
 - 10 meters (INCLUDING 3m BUFFER)
 - 5 meters TOTAL (REMOVE ONLY TREES ALONG BANK AND THOSE ABSOLUTELY NECESSARY TO COMPLETE CONSTRUCTION)
 - 20 meters
 - CLOSED PORTIONS (THROUGH BUSH)
 - 30 meters (CENTERED ON THE DRAIN)THE WORKING WIDTH FOR PURPOSES OF FUTURE MAINTENANCE SHALL BE THE SAME AS ABOVE EXCEPT FOR CLOSED PORTIONS (NOT THROUGH BUSH) SHALL BE 10m.
- 3/ ALL OWNERS ALONG THE COURSE OF THE DRAIN SHALL MAKE AN ACCESS ROUTE FROM THE NEAREST ROAD TO THE DRAIN LOCATION AVAILABLE TO THE CONTRACTOR THE AVERAGE WIDTH OF THIS ROUTE SHALL NOT EXCEED 8 METERS. THE ACCESS ROUTE SHALL ALSO APPLY FOR FUTURE MAINTENANCE PURPOSES.
- 4/ a) ALL UTILITIES TO BE LOCATED AND EXPOSED PRIOR TO CONSTRUCTION SO THAT THE NEW TILE GRADES CAN BE CONFIRMED. IF THERE IS A CONFLICT IN ELEVATION BETWEEN THE PROPOSED DRAIN AND THE UTILITY, THE ENGINEER IS TO BE NOTIFIED IMMEDIATELY.
b) CONTRACTOR TO NOTIFY ALL UTILITIES 72 HOURS PRIOR TO HIS SCHEDULED TIME FOR STARTING THE ABOVE WORK.
c) THE COST FOR THIS WORK SHALL BE INCLUDED IN THE ITEM ON THE EXTENT OF WORK AND NO EXTRA PAYMENT SHALL BE MADE TO THE CONTRACTOR, EXCEPT IF ROAD RESTORATION IS REQUIRED.
- 5/ ALL TREES, SCRUB, BRUSH, ETC. TO BE CLEARED AND GRUBBED IN ACCORDANCE WITH "SECTION B.3 AND C.4" SPECIFICATIONS.
- 6/ RIP-RAP TO BE SUPPLIED AND INSTALLED IN ACCORDANCE WITH "SECTION A.12" IN THE SPECIFICATIONS.
- 7/ TURF REINFORCEMENT MAT SHALL BE "NORTH AMERICAN GREEN C 350" OR APPROVED EQUAL. MAT SHALL BE INSTALLED ON SEEDING BANK IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS WITH THE FOLLOWING EXCEPTIONS:
 - a) STAPLES TO BE 200mm LONG AND SHALL BE INSTALLED TO MANUFACTURER'S "D" PATTERN
 - b) MAT TO BE KEPT 300mm BELOW DITCH BOTTOM, 200mm INTO BANK SLOPE AT UPSTREAM LIMIT AND SHALL BE STAPLED 200mm BELOW TOE OF BANK.
- 8/ CONTRACTOR TO ARRANGE A PRE-CONSTRUCTION MEETING WITH THE ENGINEER, DRAINAGE SUPERINTENDENT, AND THE AFFECTED OWNERS. ALL PARTIES SHALL RECEIVE 48 HOURS NOTICE TO THE MEETING.
- 9/ ALL CONCRETE AND PLASTIC TILE AND PIPE TO CONFORM TO "SECTION C.1" IN THE SPECIFICATIONS.
 - a) SEWER PIPE TO BE CONCRETE, H. D. P. E. PLASTIC 320 MPA (BELL & SPIGOT WITH RUBBER GASKETS, CONFORMING TO C.S.A. 1026-08), PVC ULTRA RIB OR PVC SDR 35
 - b) CONCRETE TILE SHALL BE HEAVY DUTY, UNLESS SPECIFIED AS 2000 D OR 2400 D ON PROFILE.
 - c) PLASTIC TILE SHALL BE PERFORATED AGRICULTURAL TUBING WITH FILTER SOCK CONFORMING TO TERRAFIX 200R, TEXEL F-100 ID OR APPROVED EQUAL.
- 10/ ALL CATCHBASINS SHALL BE SUPPLIED AND INSTALLED IN ACCORDANCE WITH "SECTION C.16" IN THE SPECIFICATIONS, EXCEPT AS FOLLOWS:
 - a) ALL OFF-SET CATCHBASIN LEADS TO BE CONNECTED TO NEW TILE DRAIN WITH PRE-FABRICATED "WYES" OR "TEES"
 - b) NEW TILE DRAINS TO BE LOCATED ADJACENT TO THE EXISTING MUNICIPAL DRAINS WHERE AFFEASIBLE AS SHOWN ON THE ADJACENT PLAN. EXACT LOCATION OF ALL DRAINS TO BE CONFIRMED AT TIME OF CONSTRUCTION BY ENGINEER.
 - c) EXISTING TILE DRAINS TO BE EXPOSED IN AS MANY LOCATIONS AS ARE NECESSARY TO CONFIRM THEIR EXACT LOCATION AND ELEVATION PRIOR TO CONSTRUCTION WITH SUFFICIENT TIME TO CONFIRM STRUCTURE (JUNCTION BOXES, CATCHBASINS, ETC.) LOCATION & ELEVATIONS. EXACT LOCATION OF NEW TILE DRAINS AND STRUCTURES TO BE CONFIRMED BY ENGINEER.
- 12/ EXISTING 200mm TILE ALONG EAST SIDE OF ROAD FROM THE ROMAN LINE DRAIN TO BRANCH D (INCLUDING CATCHBASIN AND APPURTENANCES) SHALL BE INCORPORATED AS BRANCH H OF THE BLAKE DRAIN 2021 FOR FUTURE MAINTENANCE PURPOSES.
- 13/ a) INSTALLATION OF TILE AND TRENCH WIDTHS SHALL BE IN ACCORDANCE WITH "SECTION C - TILE DRAIN" IN THE SPECIFICATIONS.
b) SEWER PIPE UNDER TRAVEL PORTION OF ROADS TO BE INSTALLED IN ACCORDANCE WITH STANDARD DETAILED DRAWING No. 02 IN THE SPECIFICATIONS.
c) ALL OTHER SEWER PIPE TO BE INSTALLED IN ACCORDANCE WITH DETAIL "B" IN THE SPECIFICATIONS.
d) ALL CONCRETE TILE AND TILE-PIPE JOINTS TO BE WRAPPED WITH GEOTEXTILE IN ACCORDANCE WITH "SECTION C.8" IN THE SPECIFICATIONS.
e) NO CONSTRUCTION EQUIPMENT OR FARM MACHINERY SHALL CROSS OVER THE MOUNDED BACKFILLED TILE TRENCHES UNTIL SUFFICIENT SETTLEMENT HAS OCCURRED.
f) STRIP AND STOCKPILE TOPSOIL FROM CONSTRUCTION AREA (4 meters width) EXCEPT LANEWAYS & ROADS. EXCESS SPOIL TO BE LEVELLED AND TOPSOIL RELEVELLED OVER SPOIL, MOUNDED TRENCH AND REMAINING CONSTRUCTION AREA.
g) PERFORATED PLASTIC FILTERED TILE TO BE INSTALLED WITH APPROVED DRAINAGE PLOUGH. IF SOLID PLASTIC TILE IS INSTALLED WITH TRENCHER OR BACKHOE, THE IT SHALL BE BEDDED IN ACCORDANCE WITH DETAIL "B" AND SPECIFICATIONS.
h) WHERE THE TILE SIZE IS LARGER THAN 675mm, THE EXCESS TRENCH MATERIAL (APPROXIMATELY EQUAL TO THE VOLUME OF THE TILE BEING INSTALLED) SHALL BE HAULED AWAY AND DISPOSED OF BY THE CONTRACTOR. ENOUGH MATERIAL SHALL BE RETAINED TO PROVIDE SUFFICIENT MOUNDING OVER TILE TO ALLOW FOR SETTLEMENT.
- 14/ a) IT SHALL BE NOTED THAT AREAS OF POOR SOIL CONDITION MAY BE ENCOUNTERED ALONG THE COURSE OF THE DRAIN. IF SUCH CONDITIONS ARE ENCOUNTERED AND IF THE TRENCH WALLS AND/OR TRENCH BOTTOM AND/OR TRENCH BOTTOM BECOME UNSTABLE, THEN THE CONTRACTOR SHALL IMMEDIATELY CONTACT THE DRAINAGE SUPERINTENDENT OR ENGINEER.
b) IF SO ORDERED BY THE DRAINAGE SUPERINTENDENT OR ENGINEER, THE CONTRACTOR SHALL INSTALL THE TILE OR PIPE ON A BEDDING OF 10mm (3/4") CRUSHED STONE THROUGH THE AREA OF UNSTABLE TRENCH. THE CRUSHED STONE SHALL BE COMPLETELY WRAPPED IN GEOTEXTILE SUCH AS "TERRAFIX 360 R" OR APPROVED EQUAL. (SEE DETAIL "D" DUG 2) THE LIMITS OF THIS WORK SHALL BE DETERMINED BY THE DRAINAGE SUPERINTENDENT OR ENGINEER.
c) PAYMENT FOR THIS WORK SHALL BE IN ACCORDANCE WITH THE CONTINGENCY AMOUNTS SHOWN IN THE "FORM OF TENDER".
- 15/ a) THE CONTRACTOR SHALL ENSURE THAT ALL TRIBUTARY DRAINS ARE CONNECTED DURING TIME OF CONSTRUCTION. ANY MISSED TILE CONNECTIONS THAT ARE FOUND DURING THE WARRANTY PERIOD OF THE CONTRACT SHALL BE COMPLETED BY THE CONTRACTOR AND SHALL BE PAID THE AMOUNT SET OUT ON PAGE 2 OF THE "FORM OF TENDER". NO ADDITIONAL PAYMENT FOR MOBILIZATION WILL BE ALLOWED. THE CONTRACTOR IS NOT RESPONSIBLE FOR COMPLETING MISSED TILE CONNECTIONS THAT ARE FOUND AFTER THE WARRANTY PERIOD FOR THE CONTRACT HAS EXPIRED.
b) ALL TILE CONNECTIONS TO BE MADE WITH CORING MACHINE AND PLASTIC ADAPTOR OR PREFABRICATED FITTINGS.
c) THE CONTRACTOR SHALL SUPPLY THE ENGINEER WITH A LIST SHOWING STATIONS OF ALL TILE CONNECTIONS UPON COMPLETION OF CONSTRUCTION.
- 16/ SILT FENCE TO BE PLACED ACROSS DITCH BOTTOM AT STA. 0+000 DURING CONSTRUCTION TO PREVENT SILT FROM FLUSHING DOWNSTREAM, AND ARE TO BE MAINTAINED AS NECESSARY DURING CONSTRUCTION. SILT FENCE AND SILT TO BE REMOVED AND DISPOSED OF AFTER CONSTRUCTION.

BLAKE DRAIN 2021

Township of Lucan Biddulph

Drainage Superintendent:

ALEX VERBEEK

519-672-4100

Drawn By:

ak & Rk

Date: MAR 26, 2021

Field Book

GPS & RTS

FB-266, 267

JOB No.

220043

Drawing No.

1 of 6

PLAN, DETAIL PLAN AND NOTES

SPRIET ASSOCIATES

LONDON

CONSULTING

LIMITED

ENGINEERS

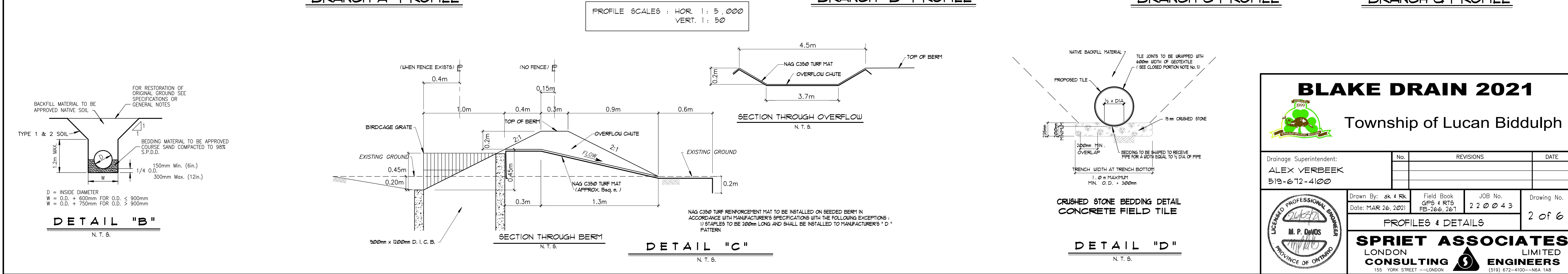
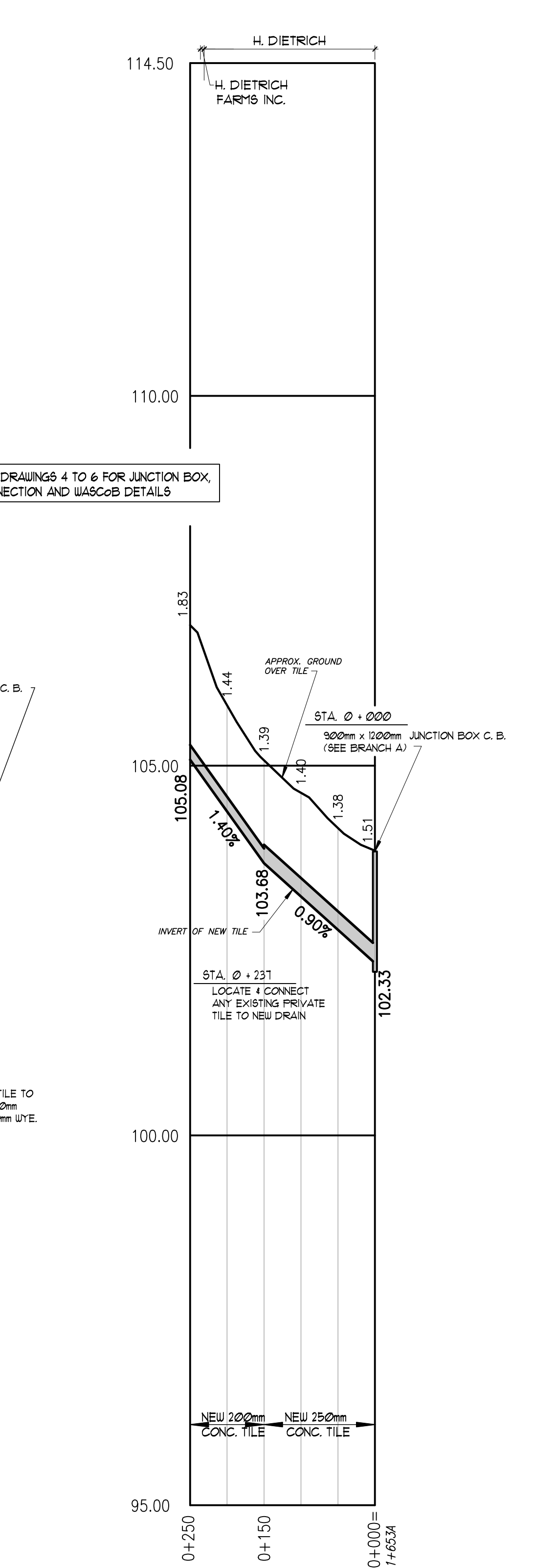
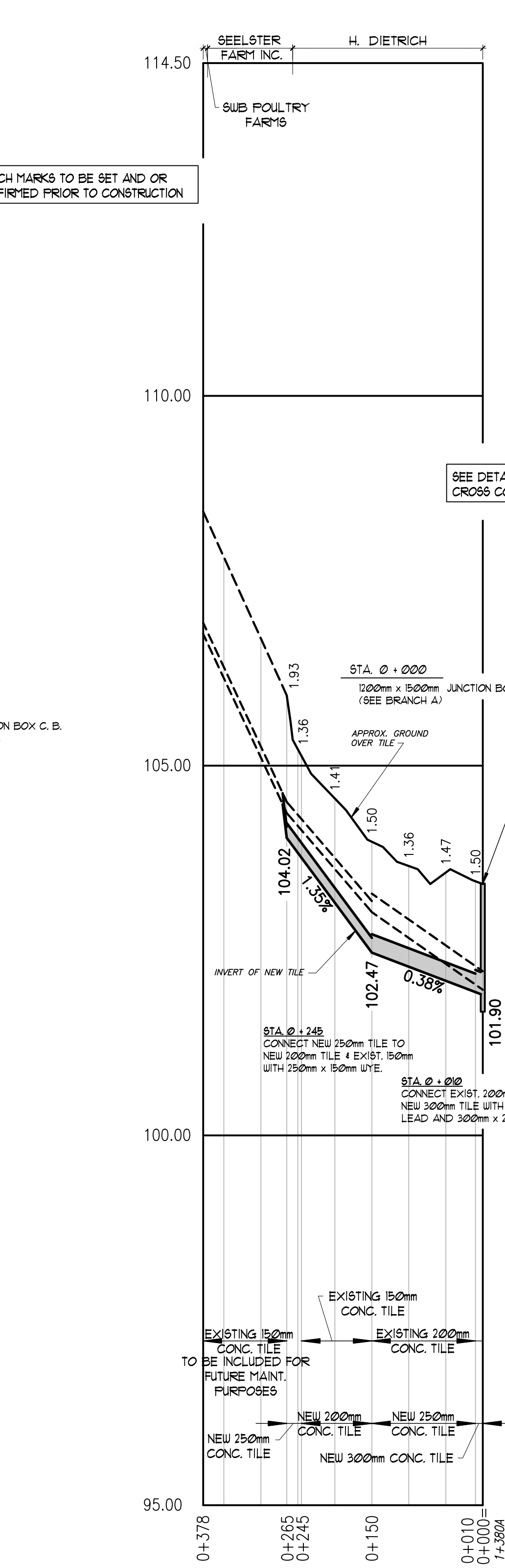
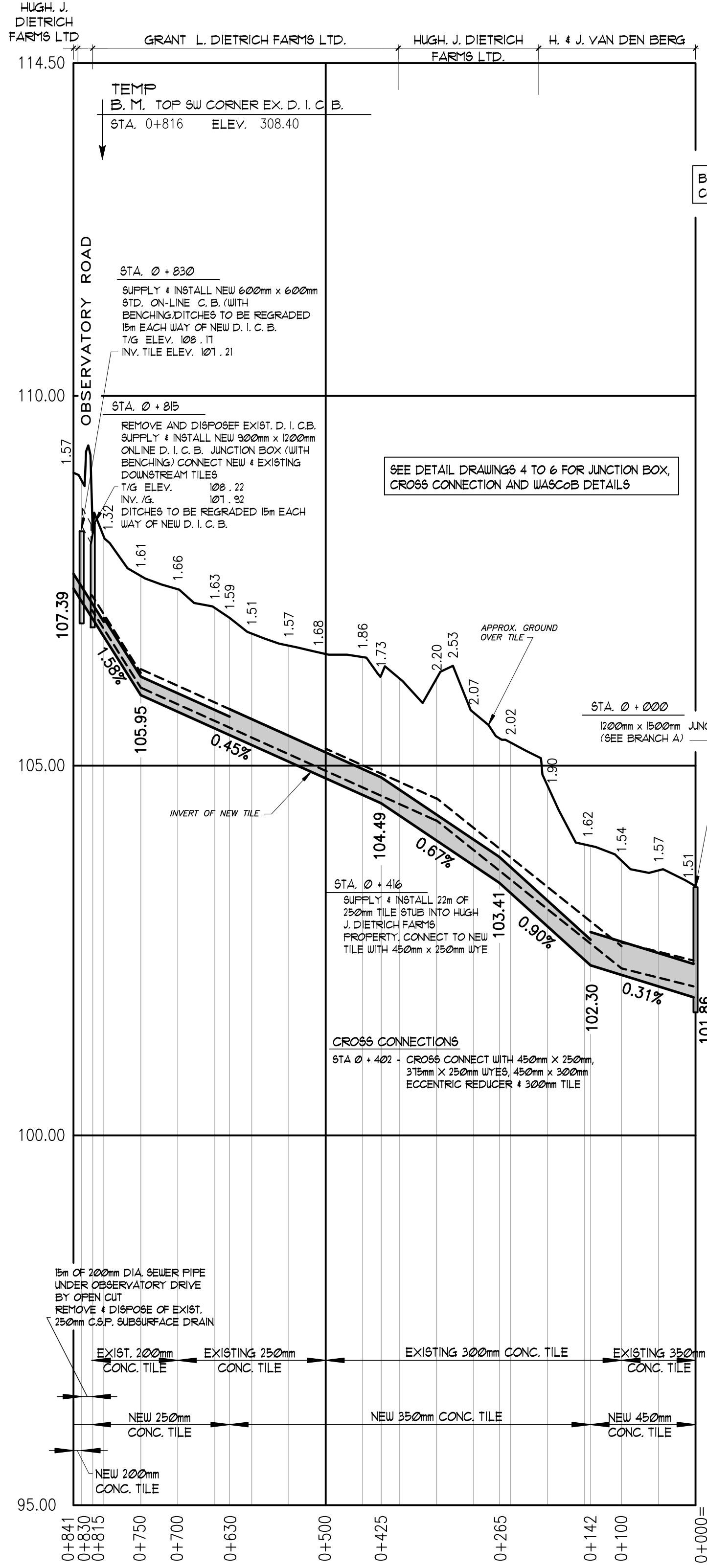
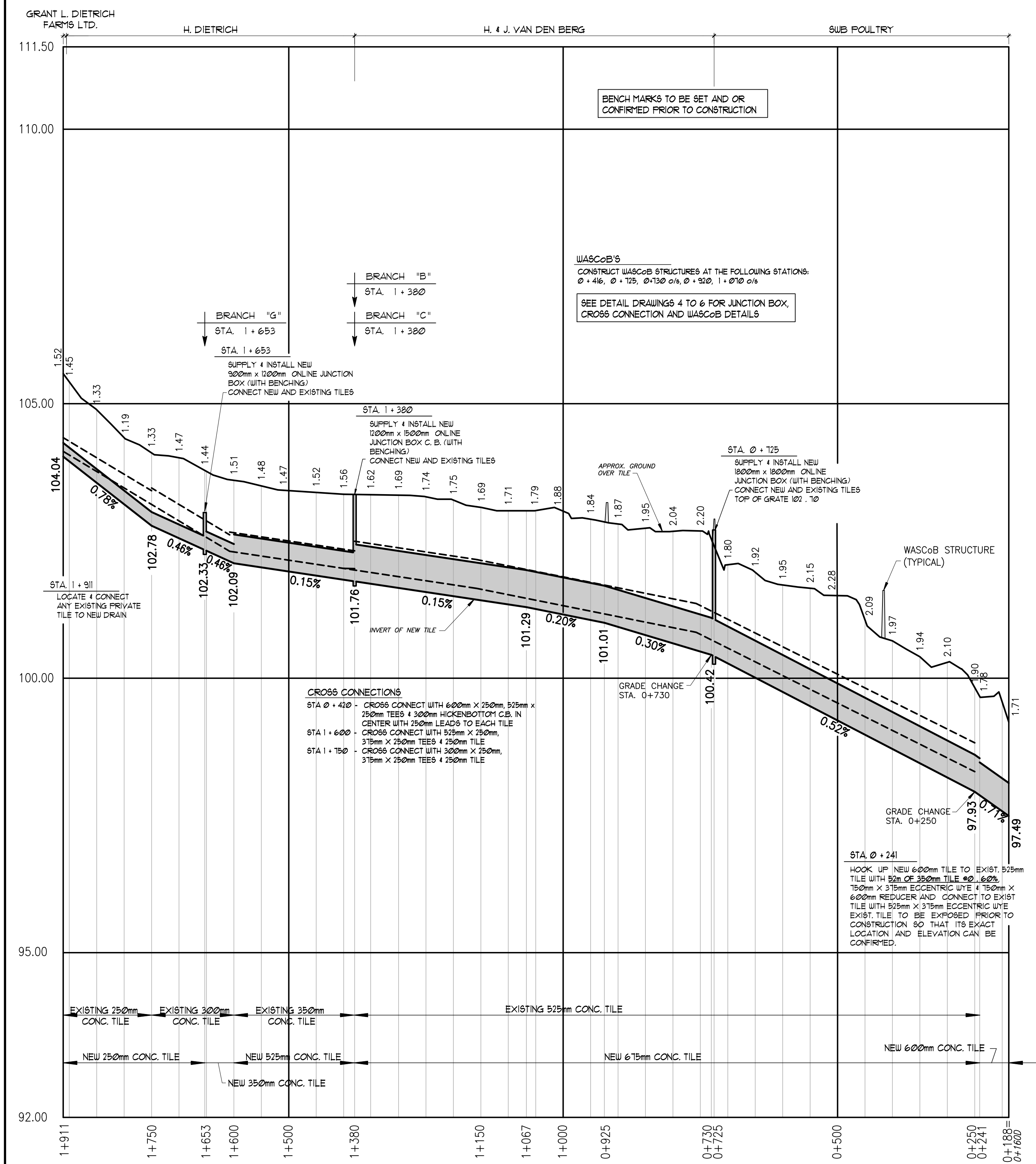
LICENCED PROFESSIONAL ENGINEER

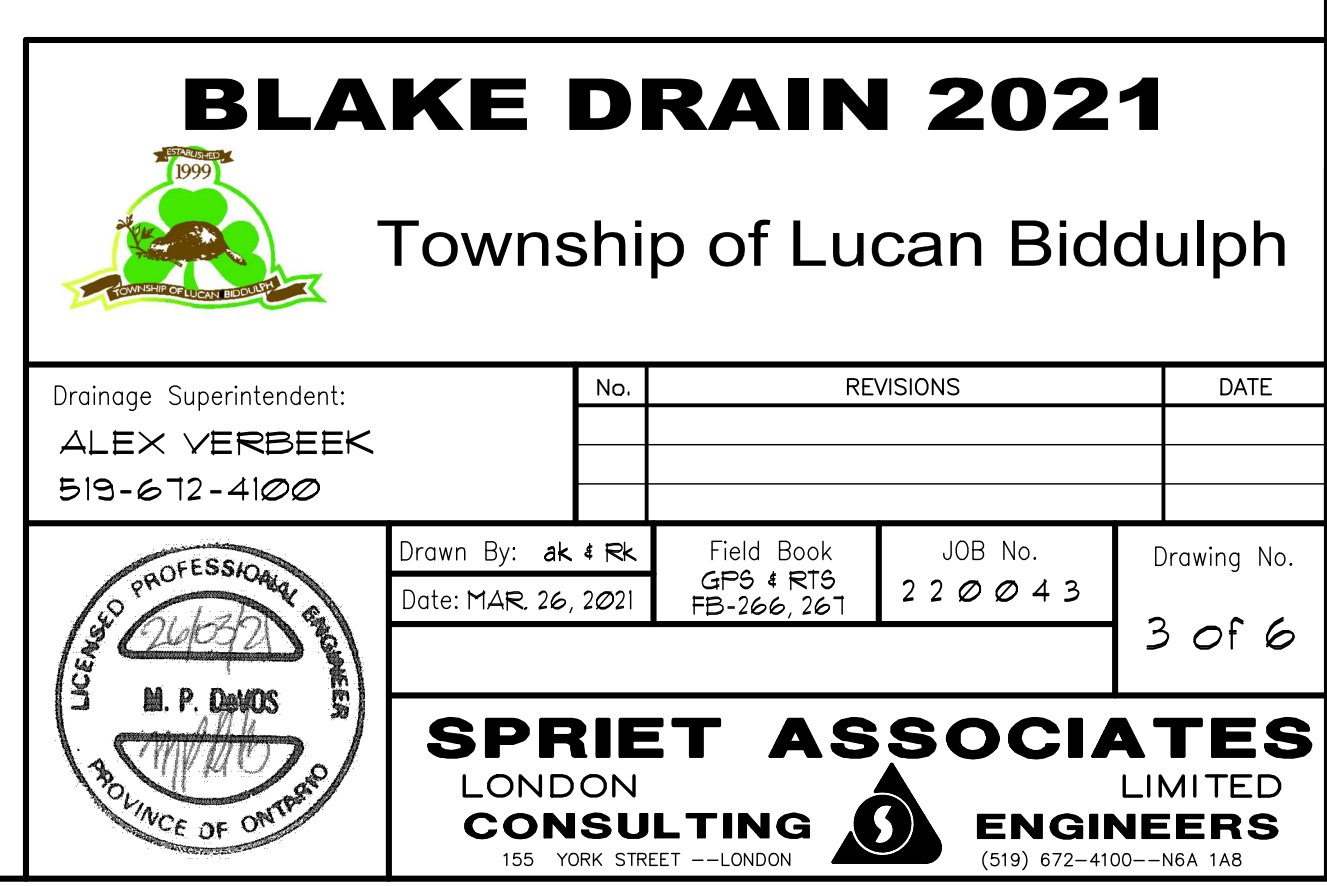
M. P. DAVOS

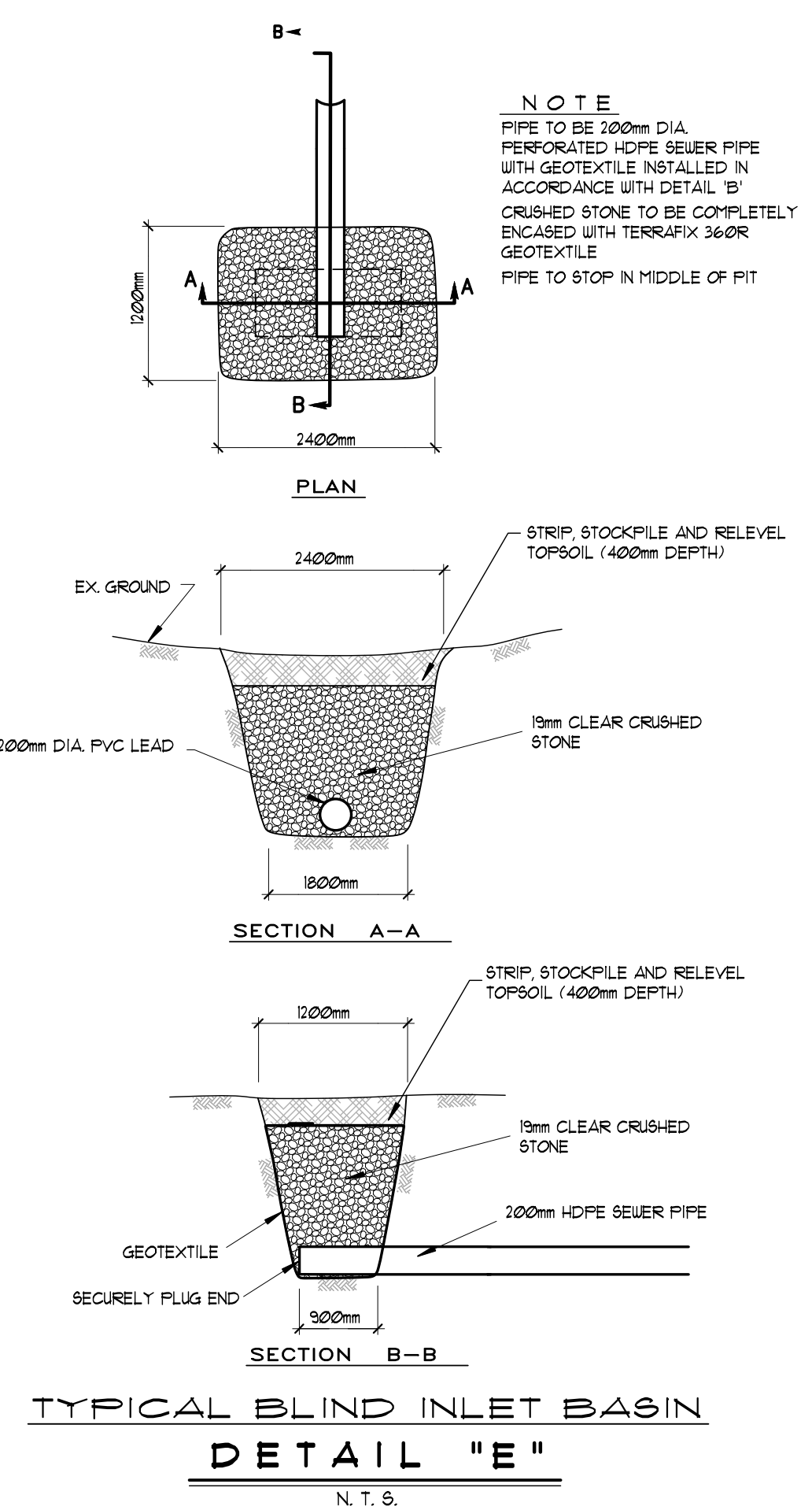
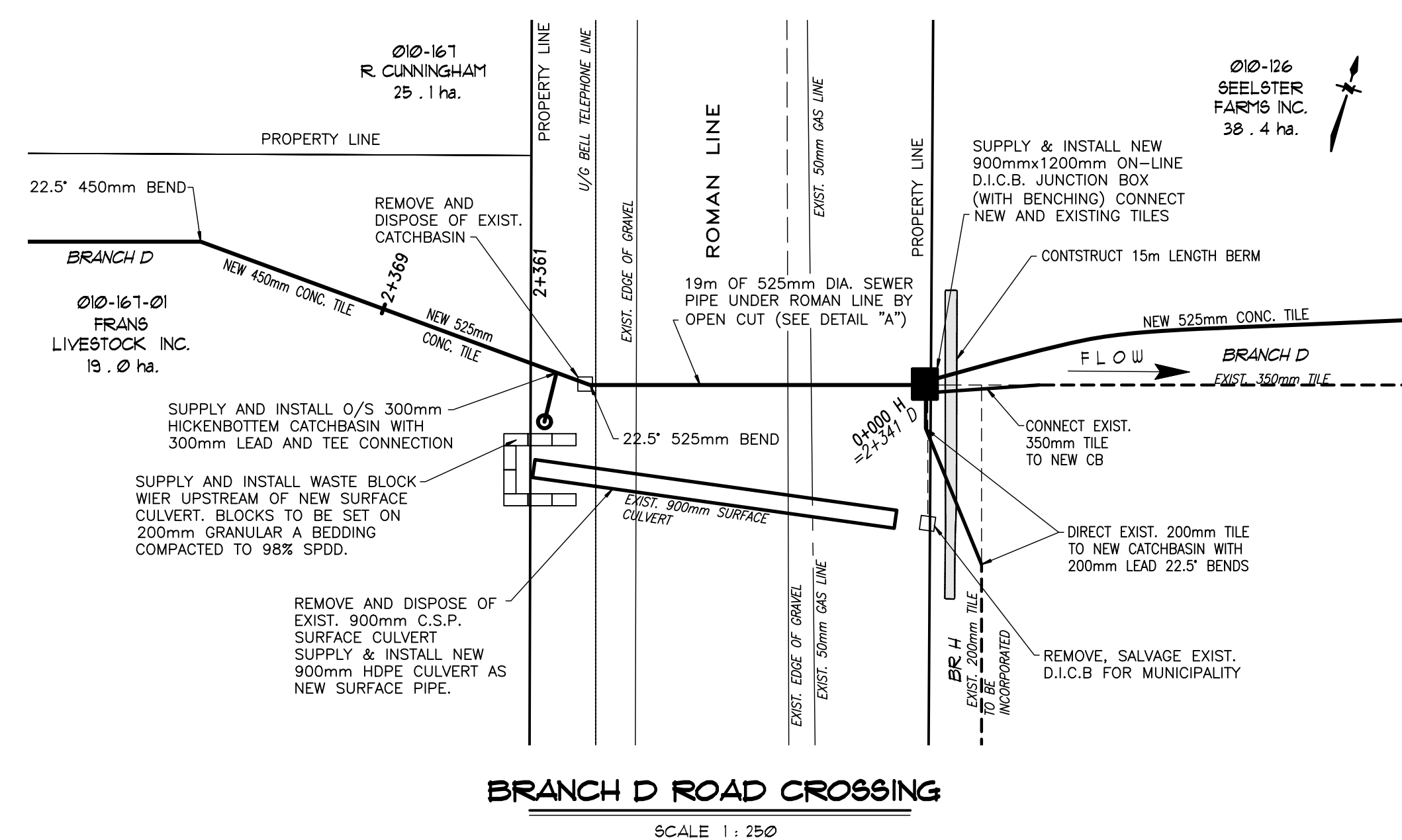
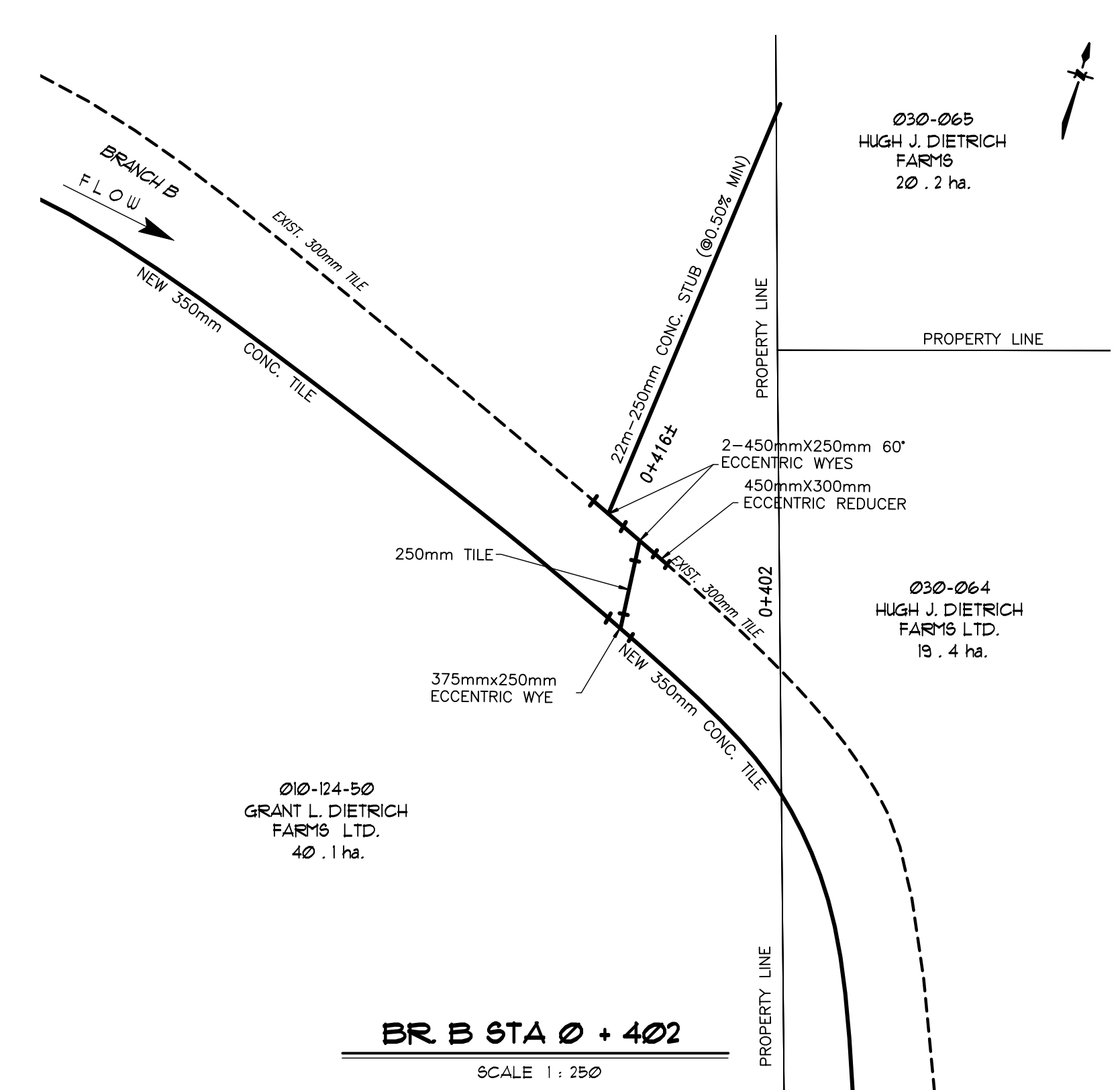
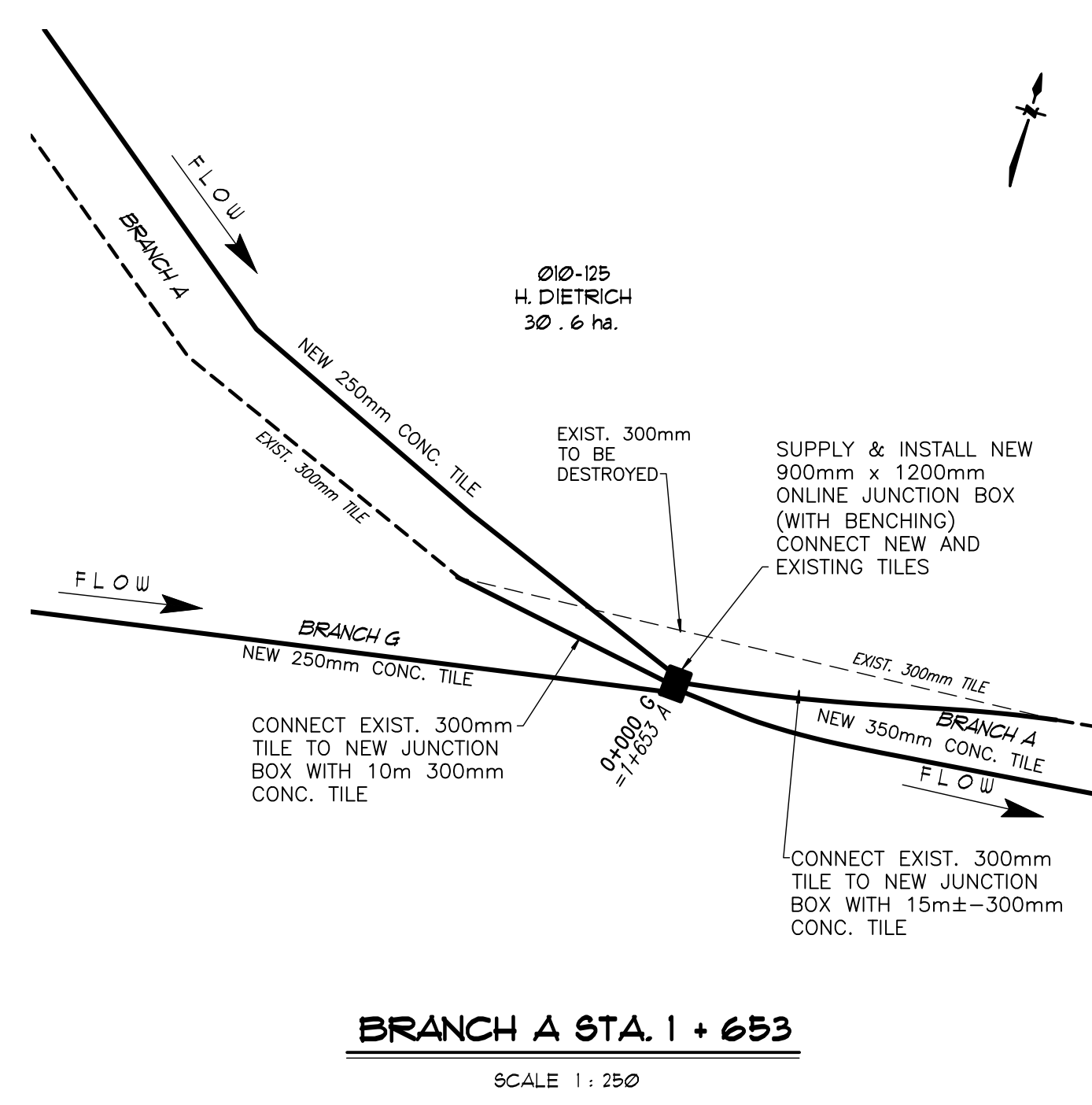
PROVINCE OF ONTARIO

155 YORK STREET - LONDON

(519) 672-4100 - N6A 1A8





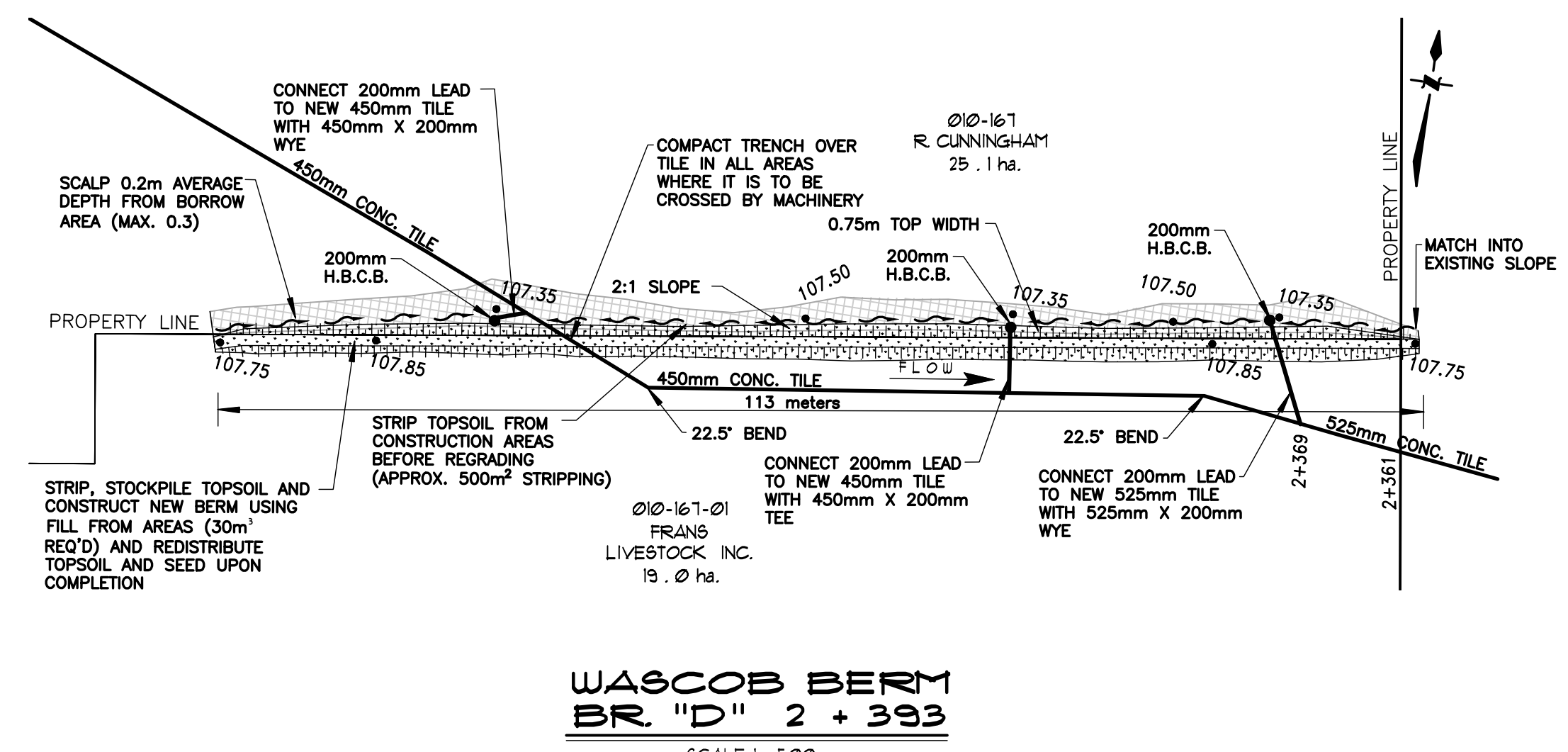
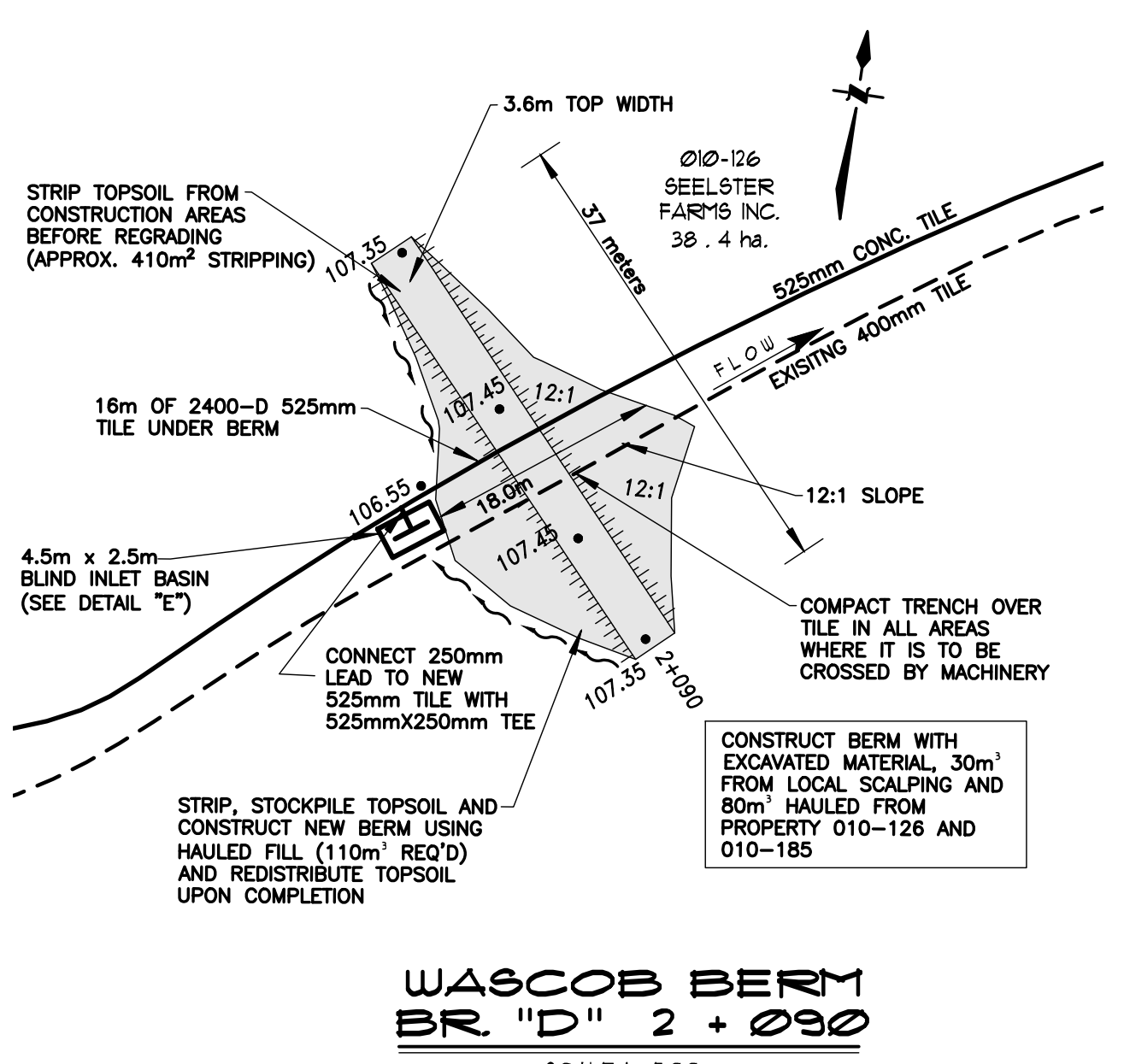
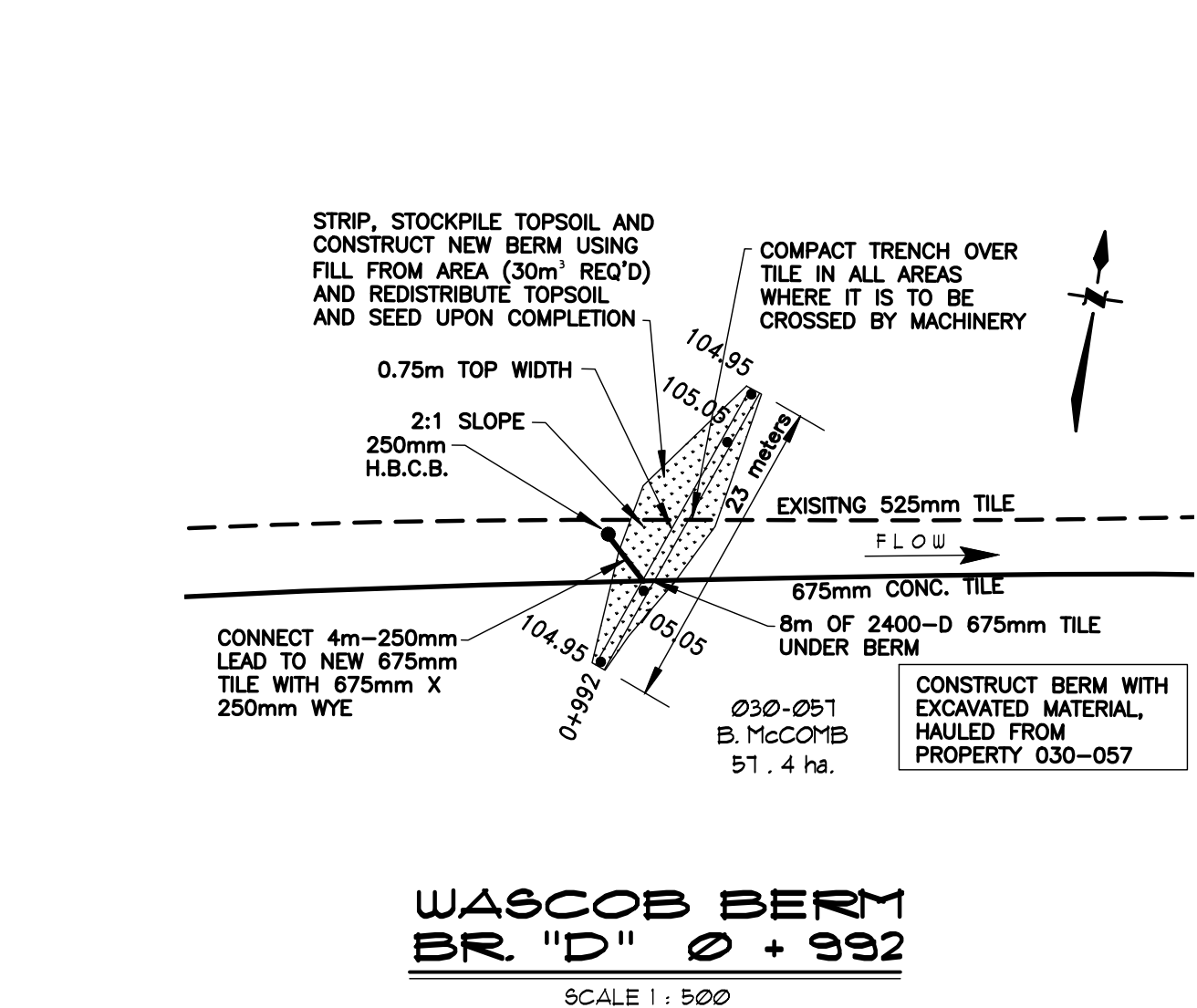
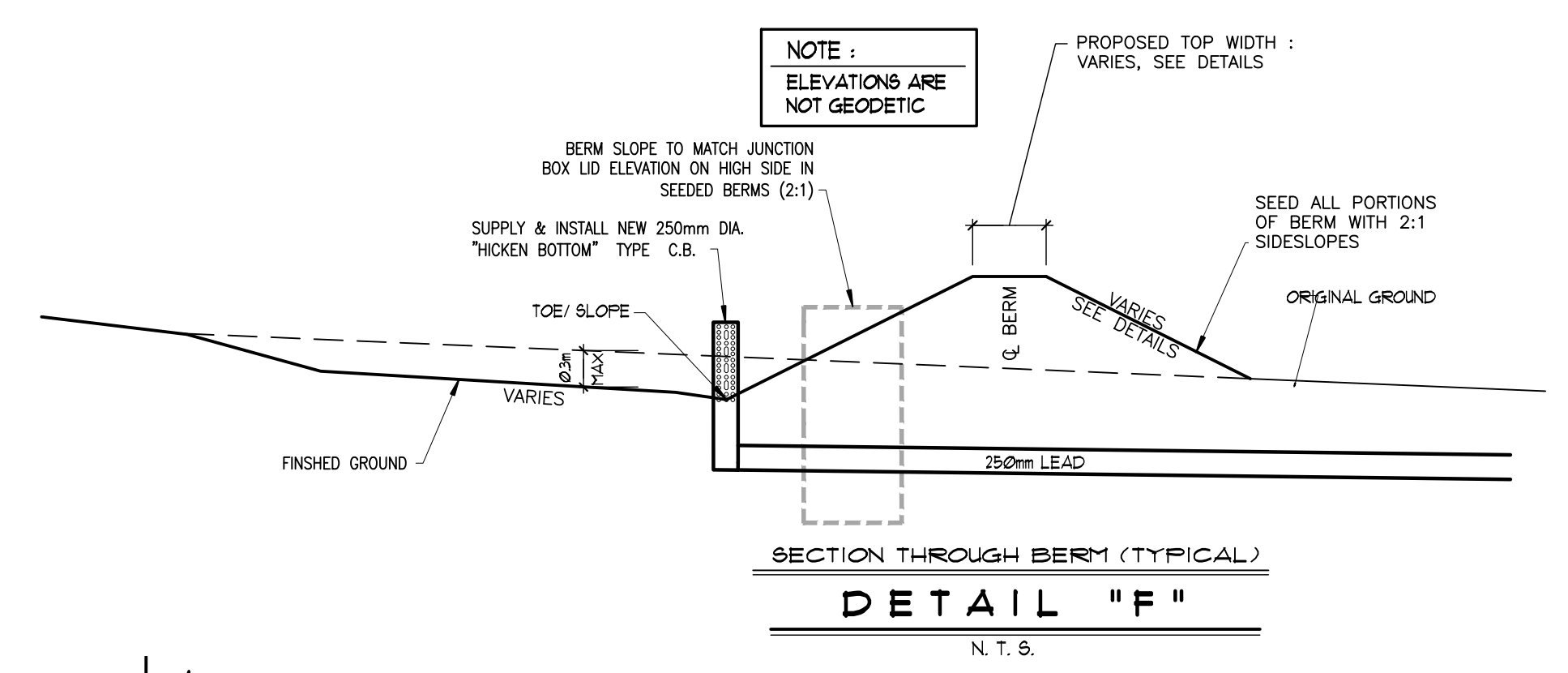
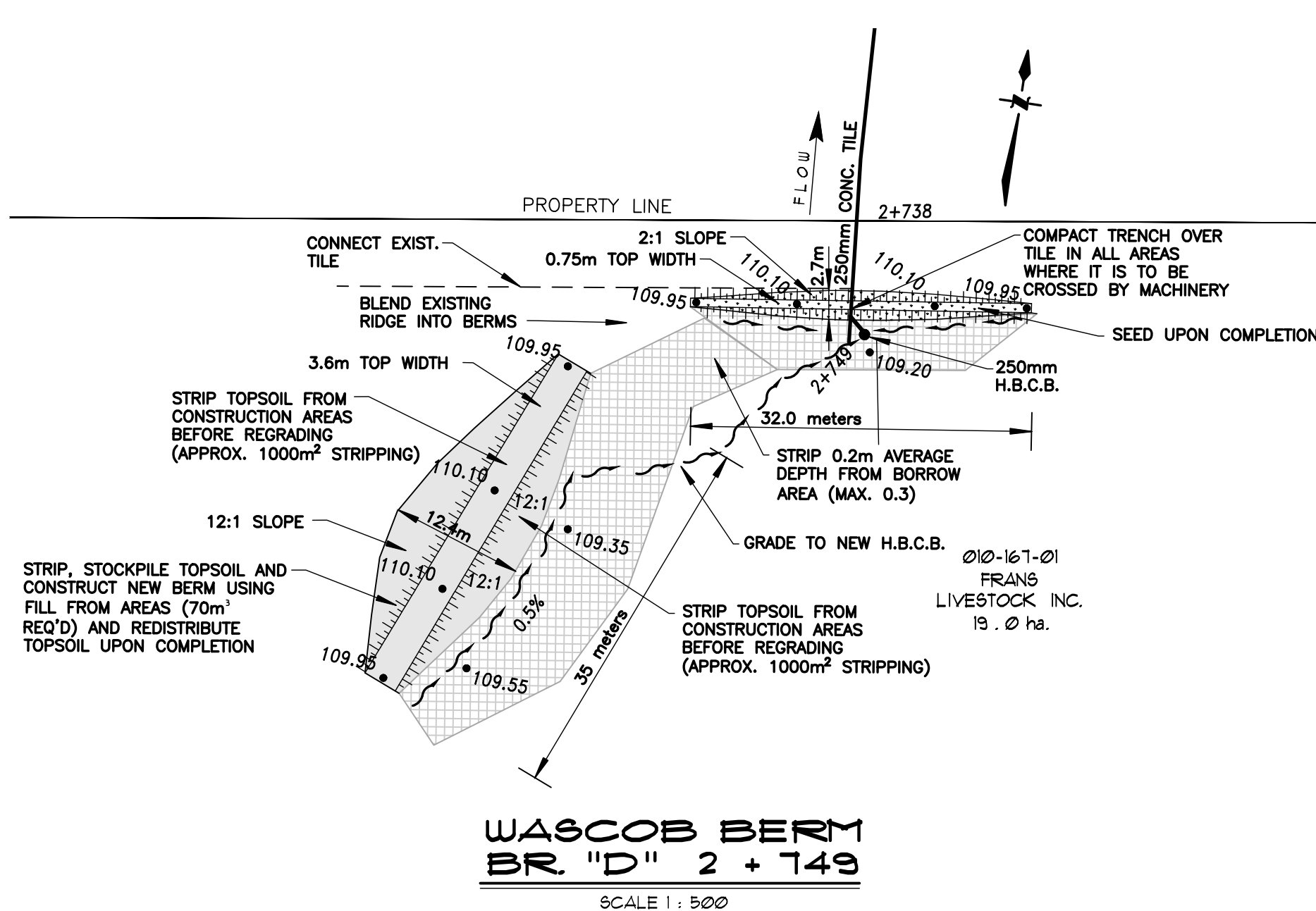
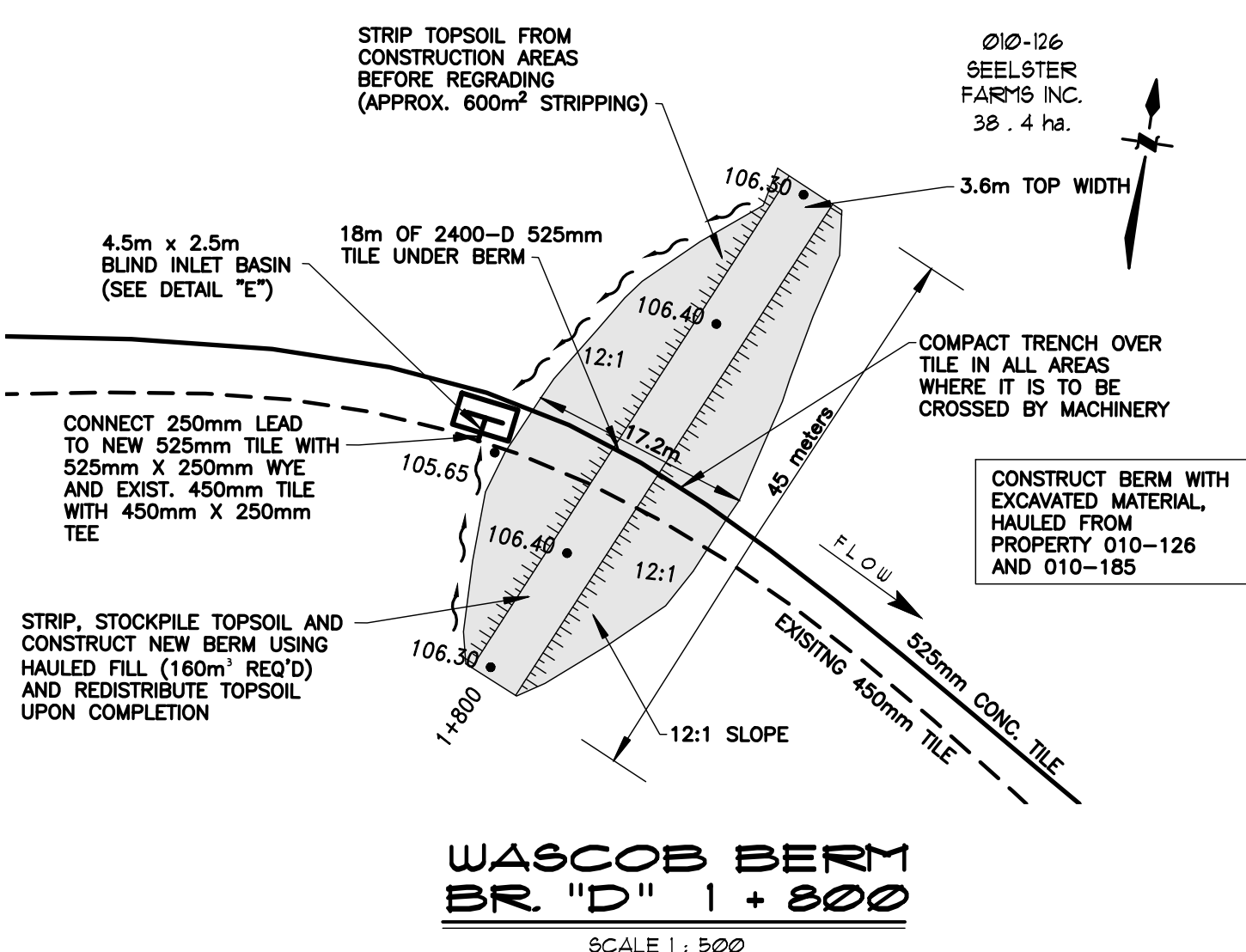
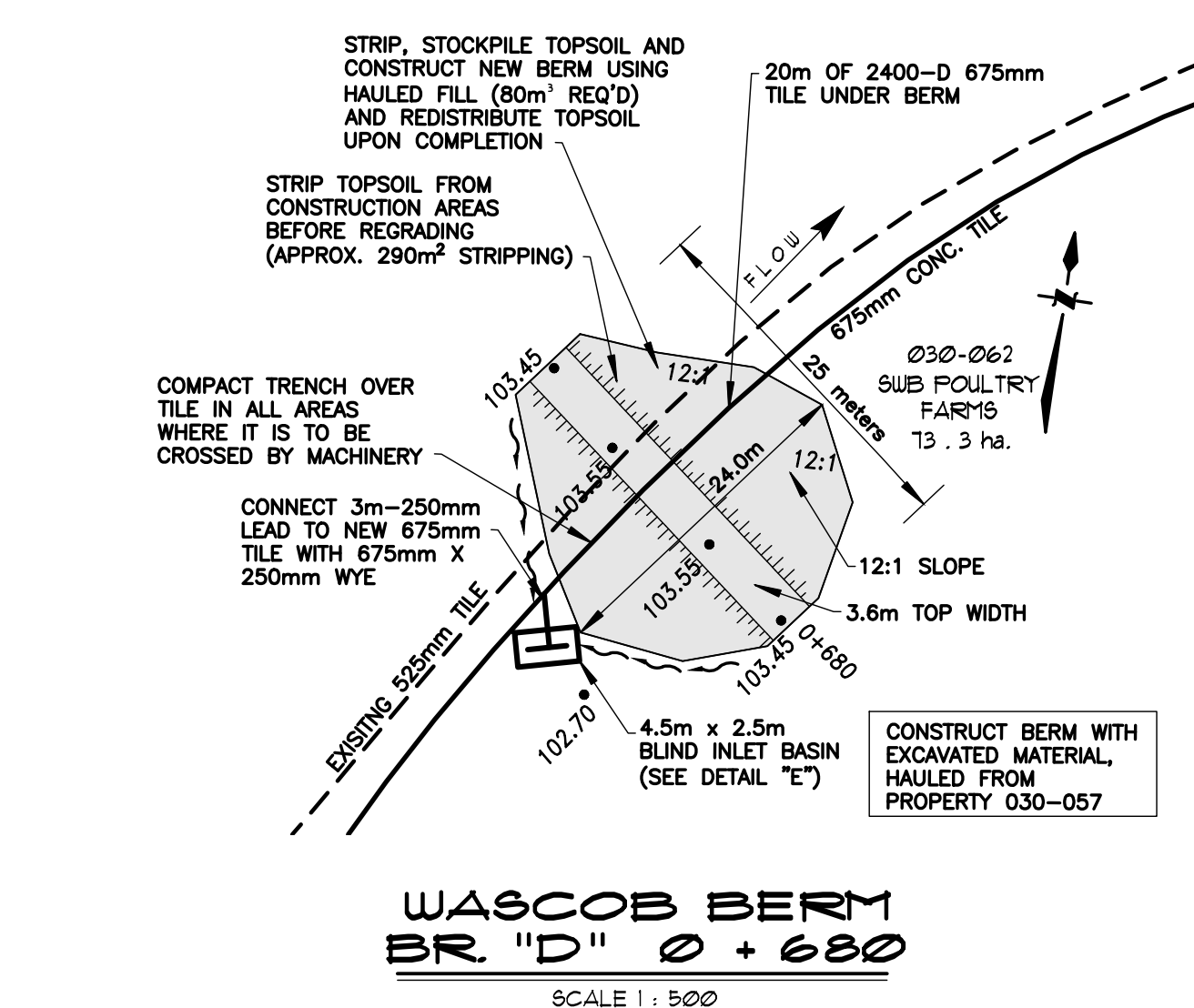
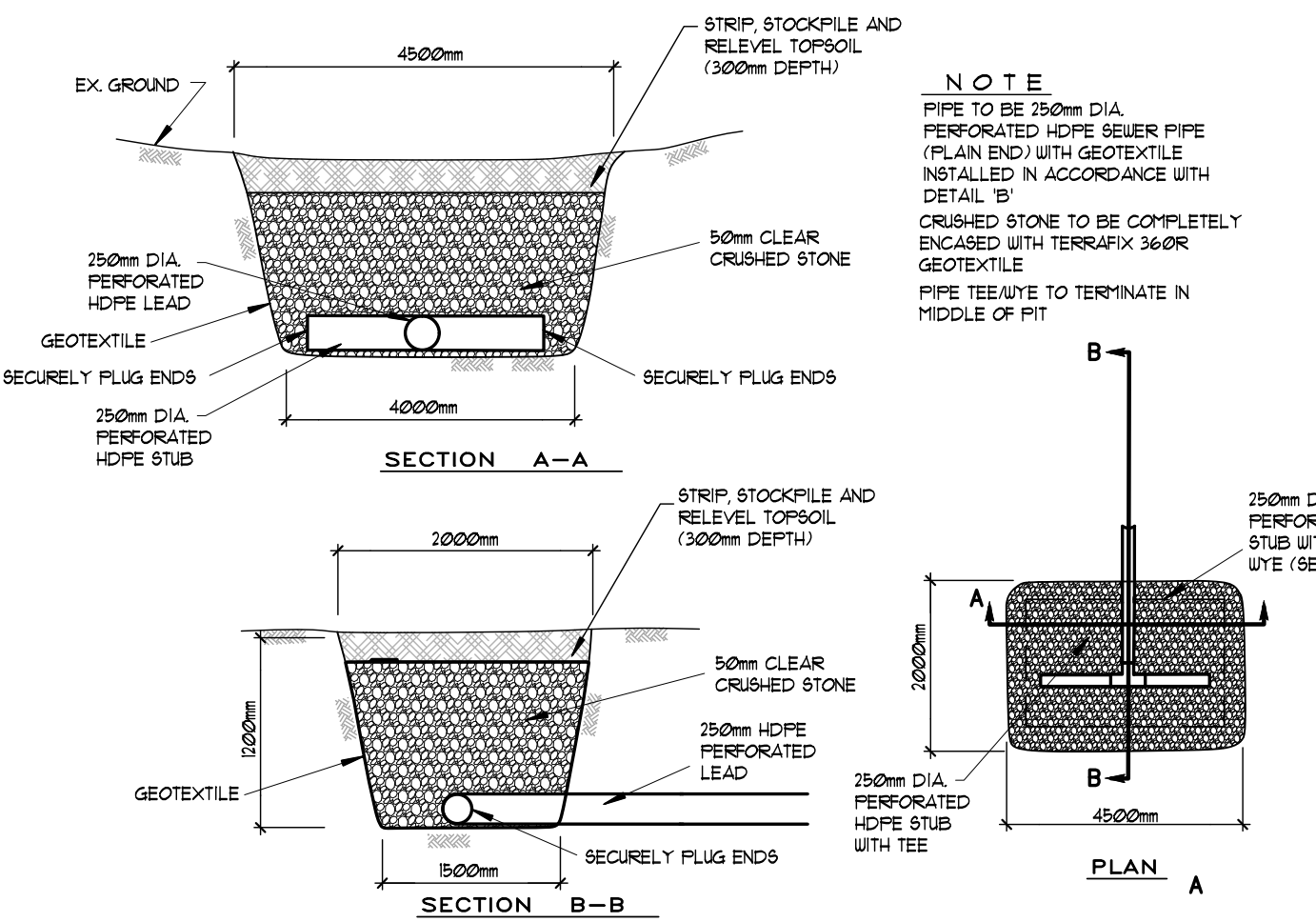
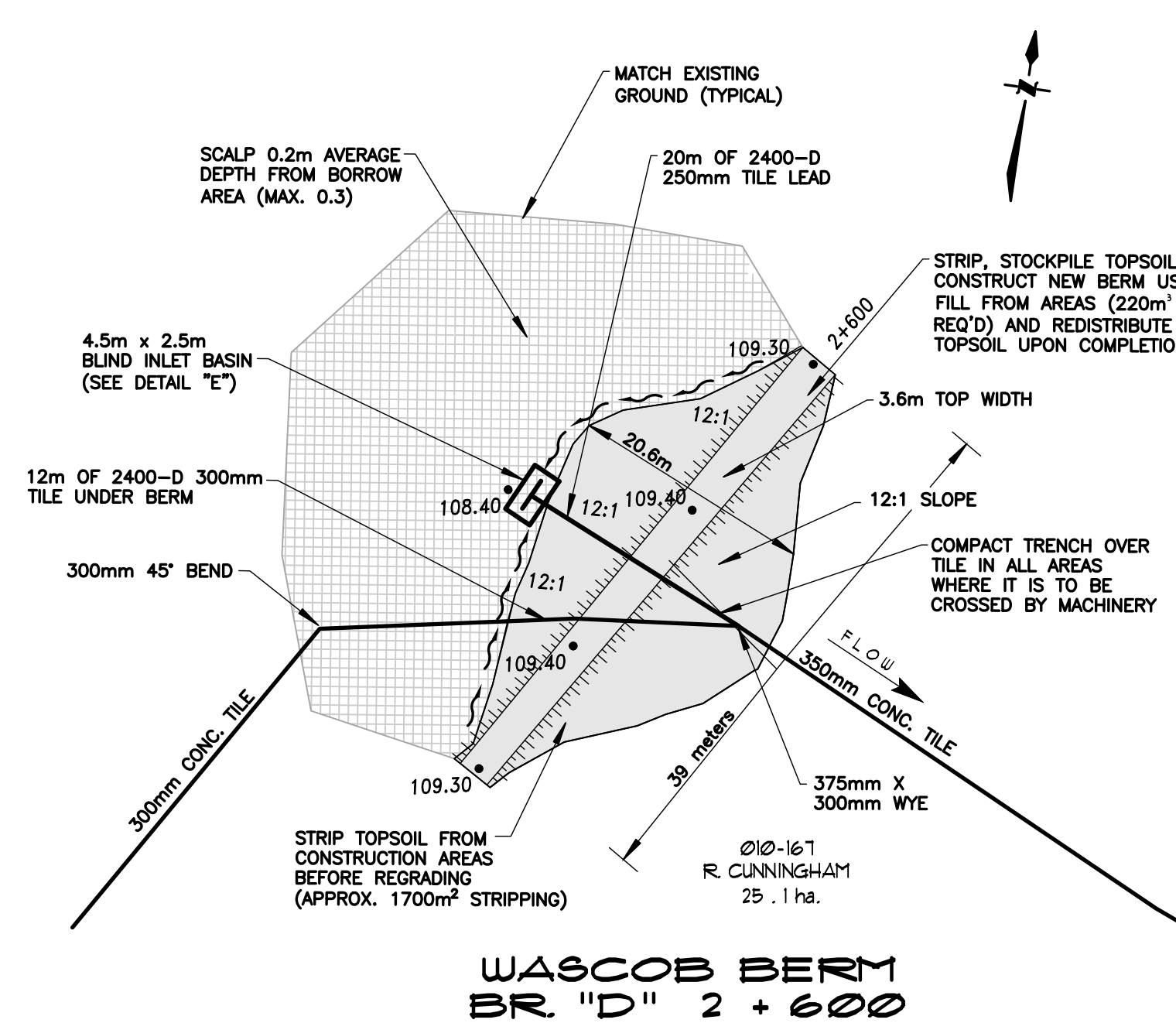
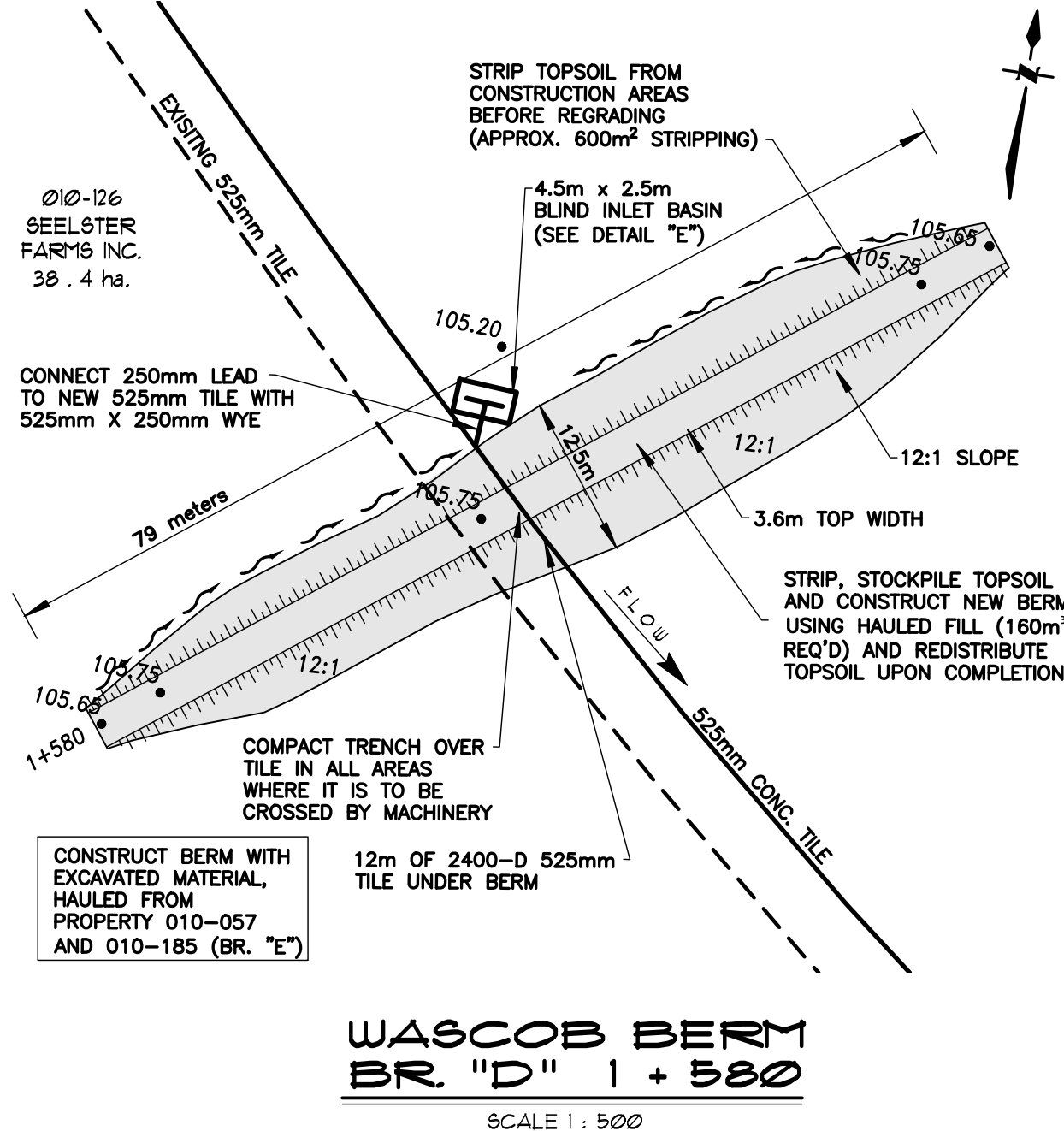
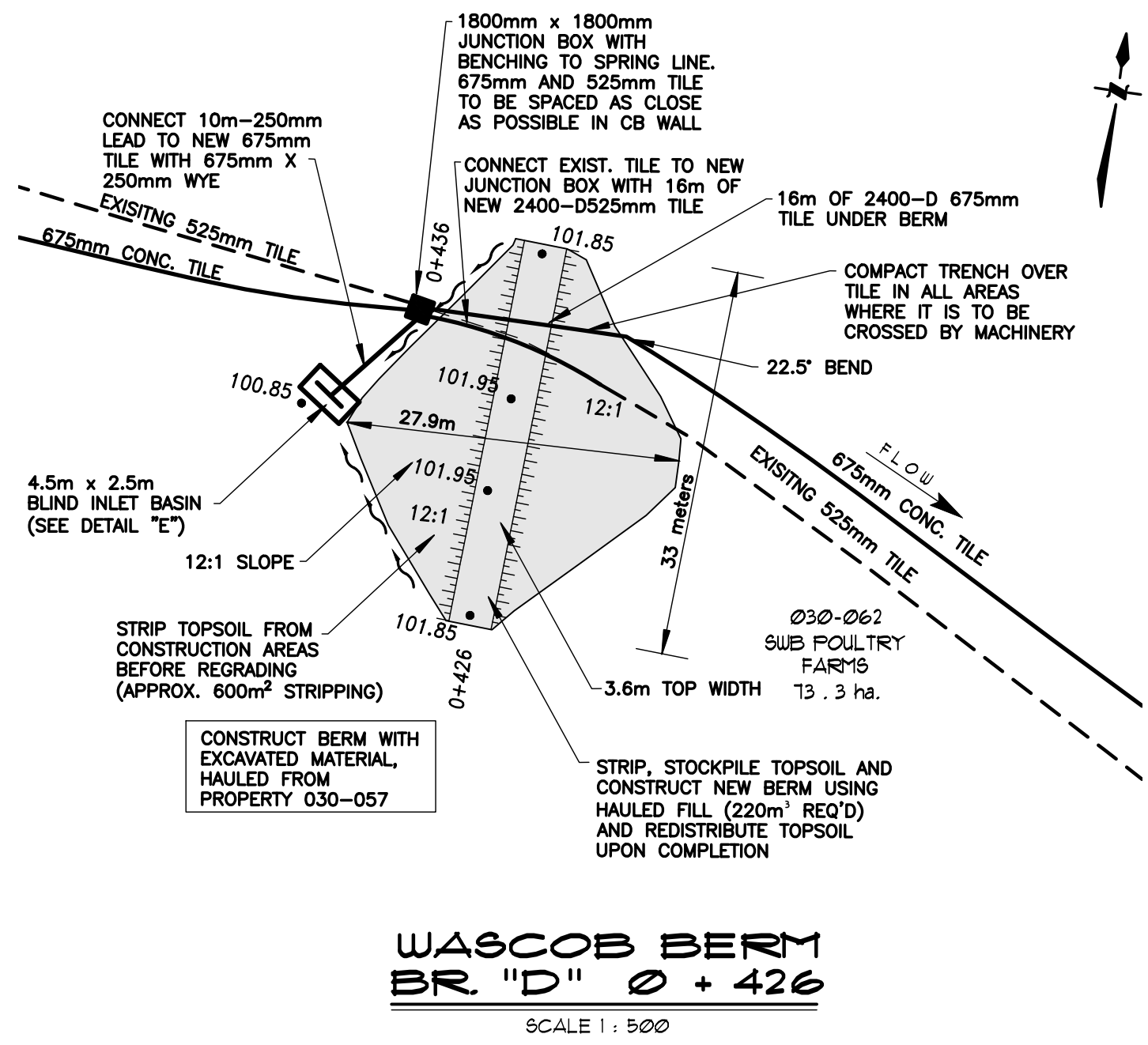


Township of Lucan Biddulph

Drainage Superintendent:	No.	REVISIONS	DATE
ALEX VERBEEK			
519 - 672 - 4100			

	Drawn By: ak & rk	Field Book	JOB No.	Drawing No.
	Date: MARCH 26, 2021	GFS D-266, D-267	2 2 0 0 4 3	4 of 6
	JUNCTION BOX DETAILS			

SPRIET ASSOCIATES LONDON CONSULTING 155 YORK STREET -- LONDON (519) 672-4100--NEA 1A8		 LIMITED ENGINEERS
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Blake Drain 2021

Township of Lucan Biddulph

Drainage Superintendent:
ALEX VERBEEK
519 - 672 - 4100

No. _____
REVISIONS
DATE

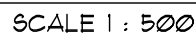
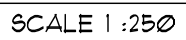
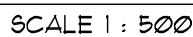
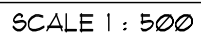
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Date: MAR 26, 2021

Field Book
GPS: D-266, D-267

JOB No.
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Drawing No.
5 of 6

SPRIET ASSOCIATES
LONDON
CONSULTING ENGINEERS
155 YORK STREET - LONDON
(519) 672-4100 - NEA 1A8



WASCOB DETAILS	6 of 6
SPRIET ASSOCIATES LONDON CONSULTING 155 YORK STREET --LONDON LIMITED ENGINEERS (519) 672-4100--N6A 1A8	

**TOWNSHIP OF LUCAN BIDDULPH
RESOLUTION**

DATE: April 12, 2021

RESOLUTION NO. _____

MOVED BY: _____

SECONDED BY: _____

RESOLVED:
THAT if no one cares to speak to this By-law on its First and Second Reading, that it be considered to have been read a First time and Passed and read a Second time and Passed, and that it be numbered:

- 24-2021 Blake Drain 2021

AND FURTHER that if no one cares to speak to these By-laws on their First, Second and Third Reading, that they be considered to have been read a First time and Passed, read a Second time and Passed and read a Third time and passed and that they be numbered:

- 25-2021 Execution of Confidential Agreement or Purchase and Sale
- 26-2021 Confirming Bylaw

RESOLUTION CARRIED

DEPUTY MAYOR

Township of Lucan Biddulph

BY-LAW NO. 24-2021

**Being a by-law to provide for drainage works in the
Township of Lucan Biddulph in the County of Middlesex.
Blake Drain 2021**

WHEREAS the requisite number of owners have petitioned the Council of the Township of Lucan Biddulph in the County of Middlesex in accordance with the provisions of the Drainage Act, requesting that the following lands and roads may be drained by a drainage works serving the following lots and concessions:

Lots 30 to 33, Concessions 7 to 9, Parts Lots 1 and 2, Concession S.B., and Parts of Lots 9 to 12, Concession N.L.R. (geographic Township of Biddulph) in the Township of Lucan Biddulph, County of Middlesex

AND WHEREAS the Council of the Township of Lucan Biddulph in the County of Middlesex has procured a report made by Spriet Associates and the report is attached hereto and forms part of this By-law;

AND WHEREAS the estimated total cost of constructing the drainage works is \$1,050,700.00;

AND WHEREAS \$1,050,700.00 is being assessed in the Township of Lucan Biddulph, in the County of Middlesex;

AND WHEREAS the Council is of the opinion that the drainage of the area is desirable;

THEREFORE the Council of the Township of Lucan Biddulph pursuant to the Drainage Act, 1990 enacts as follows:

1. The report dated March 26, 2021 and attached hereto as Schedule "A" is hereby adopted and the drainage works as therein indicated and set forth is hereby authorized and shall be completed in accordance therewith.
2. The Corporation of the Township of Lucan Biddulph may borrow on the credit of the Corporation the amount of \$1,050,700.00 being the amount necessary for construction of the drainage works less the 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. monies paid under subsection 61(3) of the Act; and
3.
 - a. That all owners of lots that are assessed be billed for the total cost assessed against their property and/or properties following completion of the works less any appropriate grants and/or damages providing a period of 30 days in which to remit payment.
 - b. Any owner of a lot assessed not paying the amount billed on or before the due date shall have a special rate including interest, calculated at a rate of 1.25% per month on the 1st day of default and the 1st of each month thereafter until paid, levied upon the lands as set forth in the Schedule to be collected in a like manner as other taxes.

4. This By-law comes into force on the passing thereof and may be cited as the Blake Drain 2021 By-law.

Read a First, and Second time and provisionally adopted this 12th day of April, 2021.

MAYOR

CLERK

Read a Third time and Passed this day of , 2021.

MAYOR

CLERK

Township of Lucan Biddulph

BY-LAW NO. 25-2021

A by-law authorizing the execution of a confidential Agreement of Purchase and Sale between 2219260 Ontario Inc. (hereinafter referred to as the “Vendor”) and the Corporation of the Township of Lucan Biddulph (hereinafter referred to as the “Purchaser”)

WHEREAS the Purchaser hereby agrees with the Vendor to purchase the lands and premises legally described as Part Lot 27, Concession 4, in the Township of Lucan Biddulph (geographic Township of Biddulph, County of Middlesex (the “Property”)

NOW THEREFORE THE COUNCIL OF THE CORPORATION OF THE TOWNSHIP OF LUCAN BIDDULPH hereby enacts as follows:

1. That the Corporation of the Township of Lucan Biddulph is hereby authorized to enter into and execute the confidential Agreement of Purchase and Sale as presented, once same has been accepted and executed by the vendor.
2. That the Mayor and Clerk are hereby authorized and directed to execute the said confidential agreement, as presented, and any other documents deemed necessary to carry out the intent of both parties.
3. This by-law shall come into full force and takes effect on the day of the final passing thereof.

READ A FIRST, SECOND AND THIRD TIME THIS 12th DAY OF APRIL, 2021.

MAYOR

CLERK

Township of Lucan Biddulph

BY-LAW NO. 26-2021

**Being a by-law to confirm proceedings of the Council
of The Corporation of the Township of Lucan Biddulph**

WHEREAS under Section 5(1) of the *Municipal Act, 2001*, S.O. 2001 c. 25, the powers of a municipality shall be exercised by its council.

AND WHEREAS under Sub-Section 3 of Section 5 of the *Municipal Act, 2001*, S.O. 2001 c. 25, the powers of every Council of a municipality shall be exercised by by-law.

AND WHEREAS it is deemed expedient that the proceedings of The Council of the Corporation of the Township of Lucan Biddulph at the April 12, 2021 meeting be confirmed and adopted by By-law.

THEREFORE the Council of the Corporation of the Township of Lucan Biddulph enacts as follows:

1. That the action of the Council of the Corporation of the Township of Lucan Biddulph in respect of all motions and resolutions and all other action passed and taken by the Council of the Corporation of the Township of Lucan Biddulph, documents and transactions entered into during the April 12, 2021 meeting of Council, are hereby adopted and confirmed, as if the same were expressly included in this By-law.
2. That the Mayor and proper officials of The Corporation of the Township of Lucan Biddulph are hereby authorized and directed to do all things necessary to give effect to the action of the Council of the Corporation of the Township of Lucan Biddulph during the said April 12, 2021 meeting referred to in Section 1 of this By-law.
3. That the Mayor and the Clerk are hereby authorized and directed to execute all documents necessary to the action taken by this Council as described in Section 1 of this By-law and to affix the Corporate Seal of the Corporation of the Township of Lucan Biddulph to all documents referred to in said Section 1.

Read a FIRST, SECOND and THIRD time and FINALLY PASSED
April 12, 2021.

MAYOR

CLERK