

**MAIN DRAIN PROFILE**  
SCALE: HOR 1:5000  
VERT. 1:50

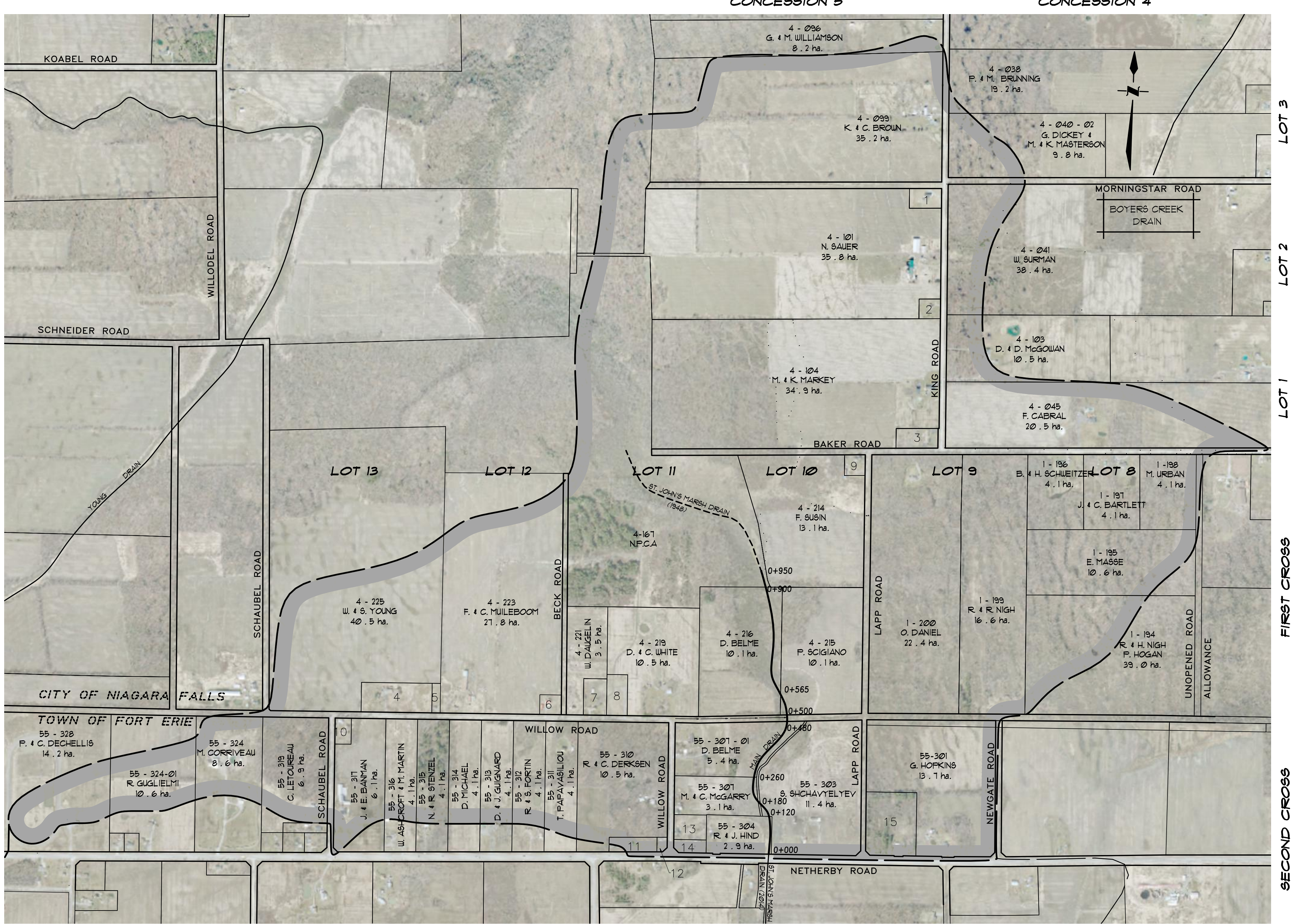
**GENERAL NOTES**

- OUR SPECIFICATIONS DATED JANUARY 2009 APPLY TO THIS PROJECT.
- 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 - 18 meters (INCLUDING 3m BUFFER)
- THE WORKING WIDTH FOR PURPOSES OF FUTURE MAINTENANCE SHALL BE THE SAME AS ABOVE.
- 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.
- 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.
- ALL TREES SCRUB, BRUSH, ETC. TO BE CLEARED AND GRUBBED IN ACCORDANCE WITH "SECTION B.3 AND C.4" SPECIFICATIONS.
- RIP-RAP TO BE SUPPLIED AND INSTALLED IN ACCORDANCE WITH "SECTION A.28" IN THE SPECIFICATIONS.
- 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.

**OPEN PORTIONS**

- EXISTING DITCH BOTTOM ONLY TO BE CLEANED OUT IN ACCORDANCE WITH SPECIFICATIONS UNLESS OTHERWISE NOTED ON PROFILES AND IN SECTIONS.
- WORK TO BE COMPLETED FROM AND EXCAVATED MATERIAL TO BE DEPOSITED AND LEVELLED ON THE FOLLOWING SIDES OF THE DITCH IN ACCORDANCE WITH "SECTION B.5" IN THE SPECIFICATIONS:  
STA. 0+000 TO STA. 0+950 - WEST SIDE AND LEVELLED
- A 3 METER WIDE BUFFER STRIP OF NEW & EXISTING VEGETATION BETWEEN THE TOP OF THE BANK AND THE CULTIVATED LANDS ON BOTH SIDES OF THE DITCH SHALL BE MAINTAINED AS PART OF THE OPEN PORTION OF THE ST. JOHN'S DRAIN.
- NEWLY EXPOSED DITCH BANKS ARE TO BE HAND SEEDING UPON COMPLETION OF CONSTRUCTION IN ACCORDANCE WITH "SECTION B.11" IN THE SPECIFICATIONS
- SILT FENCE TO BE PLACED ACROSS DITCH BOTTOM AT STA. 0+000 DURING CONSTRUCTION TO PREVENT SILT FROM FLUSHING DOWNSTREAM. SILT FENCE AND SILT TO BE REMOVED AND DISPOSED OF AFTER CONSTRUCTION.

| LOT LEGEND |                                |                |
|------------|--------------------------------|----------------|
| ROLL NO.   | OWNERSHIP                      | HECTARES OWNED |
| 1)         | 4-102 N. & L. SAUER            | 0.60           |
| 2)         | 4-101-01 C. SAUER & R. BOOTH   | 0.40           |
| 3)         | 4-104-01 R. & M. BROWN         | 0.80           |
| 4)         | 4-225-10 J. COSBY & P. MARTEL  | 2.00           |
| 5)         | 4-224 J. ADAMS                 | 0.20           |
| 6)         | 4-223-50 C. & C. COOK          | 0.40           |
| 7)         | 4-220 A. & D. DAUGELIN         | 0.80           |
| 8)         | 4-219-01 G. & S. BURBERRY      | 0.80           |
| 9)         | 4-213 N. & C. PANTO            | 0.40           |
| 10)        | 55-318 G. WATSON               | 0.40           |
| 11)        | 55-309 R. COLTART & A. HAMELIN | 0.67           |
| 12)        | 55-308 J. & D. DUMELE          | 0.14           |
| 13)        | 55-306 W. KISS                 | 0.80           |
| 14)        | 55-305 D. WARNER               | 0.40           |
| 15)        | 55-302 D. LAPP                 | 3.00           |



**PLAN SCALE 1:1,500**

| PLAN LEGEND |                                     |  |
|-------------|-------------------------------------|--|
|             | LIMIT OF WATERSHED AREA             |  |
|             | PROPOSED DRAINAGE WORKS             |  |
|             | EXISTING OR INTERIOR WATERSHED      |  |
|             | EXISTING DRAIN TO BE ABANDONED      |  |
|             | EXIST. MUNICIPAL DRAIN              |  |
|             | PRIVATE TILE OR SURFACE WATER RUN   |  |
|             | EXIST. WATERCOURSE OR PRIVATE DITCH |  |
|             | 10 - 021 ASSESSMENT ROLL NUMBER     |  |
|             | J. SMITH OWNERS NAME                |  |
|             | 40.5 ha. HECTARES OWNED             |  |

**ST JOHN'S MARSH DRAIN 2017**

**CITY OF NIAGARA FALLS**

|  |                                |   |                           |
|--|--------------------------------|---|---------------------------|
| Drainage Superintendent:<br><b>NICK GOLIA</b><br>905-356-7521 EXT. 4290  | No. 1                          | REVISIONS<br>WEIR REMOVED AS PER TRIBUNAL | DATE<br>10/30/2019        |
| Drawn By: <b>BW</b>  | Field Book: <b>GPS 4 B-166</b> | JOB No. <b>213112</b>                     | Drawing No. <b>1 of 1</b> |
| <p><b>PLAN &amp; PROFILE</b></p> <p><b>SPRIET ASSOCIATES LIMITED</b><br/>LONDON CONSULTING ENGINEERS</p> <p>155 YORK STREET - LONDON (519) 672-4100 - 116A 1A8</p> |                                |   |                           |

