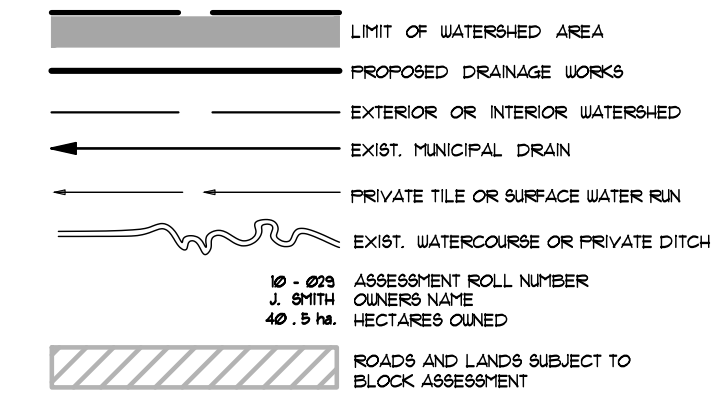


**GENERAL NOTES**

- 1/ OUR SPECIFICATIONS DATED JANUARY 2020 APPLY TO THIS PROJECT.
- 2/ 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.
- 3/ 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.
- 4/ 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 - 15 METERS OR AS SPECIFIED ON DRAWING No. 2  
THE WORKING WIDTH FOR PURPOSES OF FUTURE MAINTENANCE SHALL BE THE SAME AS ABOVE
- 5/ WORK TO BE COMPLETED FROM AND EXCAVATED MATERIAL TO BE DEPOSITED AND LEVELLED ON GENERALLY ONE SIDE OF THE DITCH UNLESS SHOWN OTHERWISE ON DETAIL DRAWING ( DUG 2 of 3 ) IN ACCORDANCE WITH "SECTION B. 5" IN THE SPECIFICATIONS .
- 6/ 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 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.
- 7/ ALL TREES, SCRUB, BRUSH, ETC. TO BE CLEARED AND GRUBBED IN ACCORDANCE WITH "SECTION B.3 AND C.4" SPECIFICATIONS .
- 8/ RIP-RAP TO BE SUPPLIED AND INSTALLED IN ACCORDANCE WITH "SECTION A.12" IN THE SPECIFICATIONS.
- 9/ TURF REINFORCEMENT MAT SHALL BE " NORTH AMERICAN GREEN C 350 " OR APPROVED EQUAL. MAT SHALL BE INSTALLED ON SEEDED BANK IN ACCORDANCE WITH MANUFACTURER'S SPECIFICATIONS WITH THE FOLLOWING EXCEPTIONS:  
a) STAPLES TO BE 100mm 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 .
- 10/ NEWLY EXPOSED DITCH BANKS ARE TO BE HAND SEEDED UPON COMPLETION OF BANK RESLOPING IN ACCORDANCE WITH "SECTION B.11" IN THE SPECIFICATIONS .
- 11/ SILT FENCE TO BE PLACED ACROSS DITCH BOTTOM AT 91A, 0 + 100, 0 + 350 AND 0 + 650 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 .
- 12/ BOG MATS SHALL BE USED WHERE REQUIRED TO SUPPORT EXCAVATOR IN AREAS OF UNSTABLE GROUND CONDITIONS
- 13/ ALL IN-WATER WORK MUST BE COMPLETED BETWEEN JULY 16 AND SEPTEMBER 30TH.
- 14/ A 3 METER WIDE BUFFER STRIP OF NEW 4 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 DRAIN .

**PLAN LEGEND**



MOUNT BRYDGES ROADS AND LANDS UNDER BLOCK ASSESSMENT

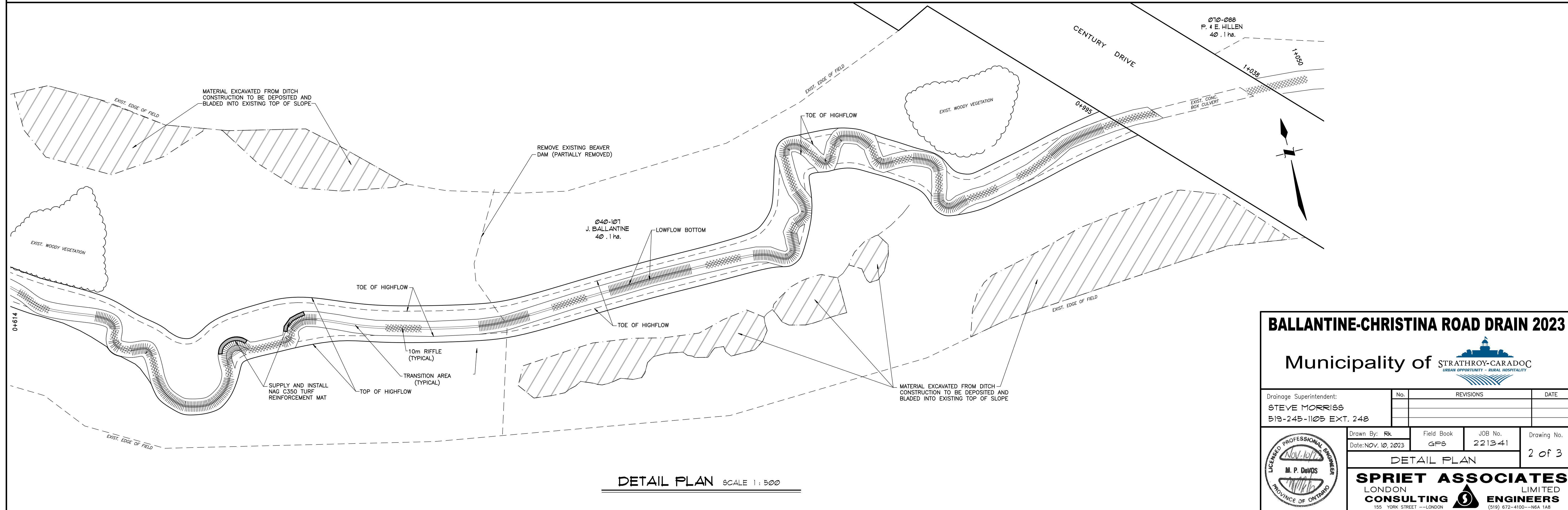
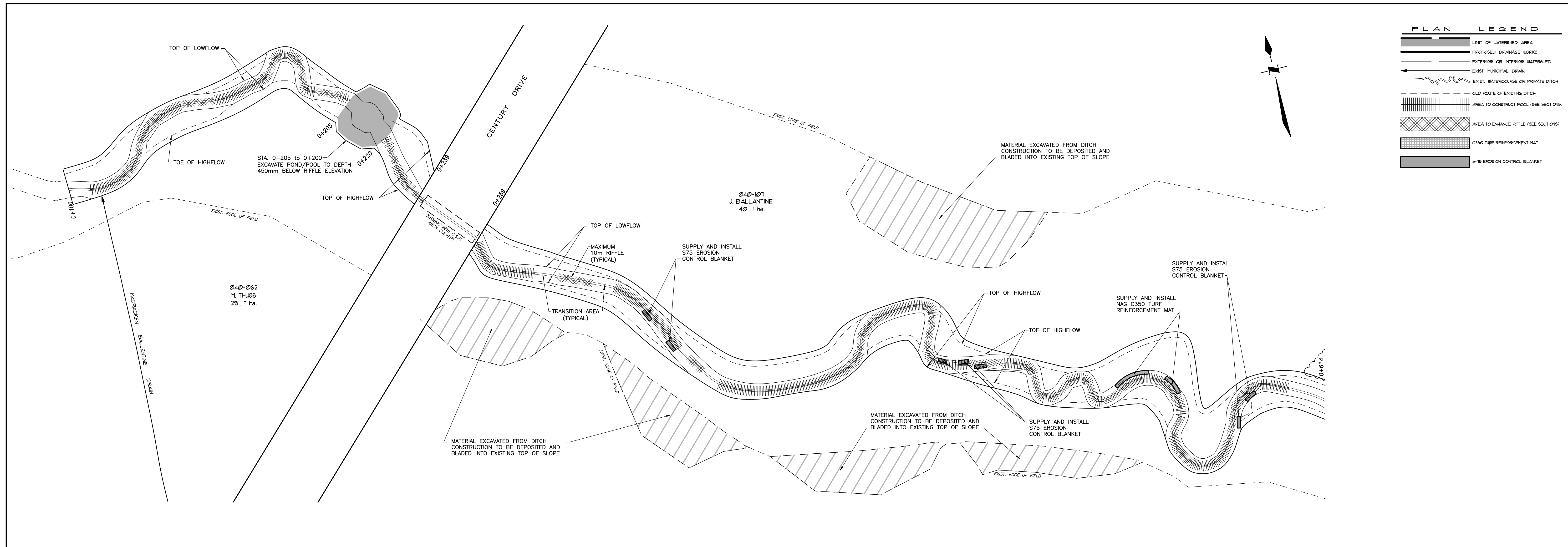
PLAN  
SCALE 1:1500

**BALLANTINE-CHRISTINA ROAD DRAIN 2023**

Municipality of STRATHROY-CARADOC  
URBAN OPPORTUNITY - RURAL HOSPITALITY

Drainage Superintendent: <b>STEVE MORRIS</b> 519-245-1105 EXT. 248	No.	REVISIONS	DATE
Drawn By: <b>Rk</b>	Field Book: <b>GFS</b>	JOB No.: <b>2213-41</b>	Drawing No.: <b>1 of 3</b>
Date: <b>NOV. 10 2023</b>	WATERSHED PLAN AND NOTES		

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

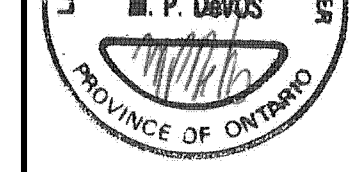


**BALLANTINE-CHRISTINA ROAD DRAIN 2023**

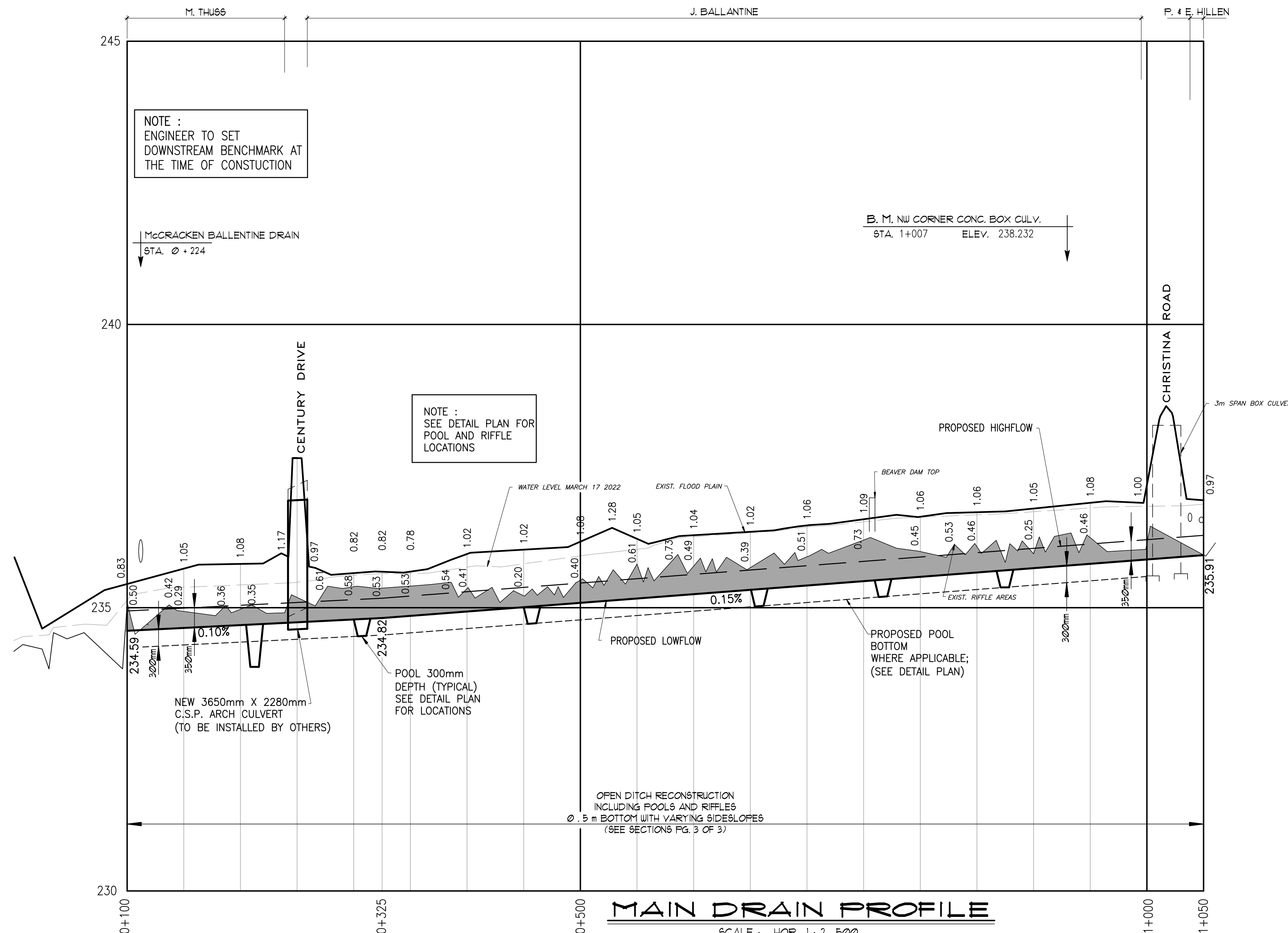
Municipality of **STRATHROY-CARADOC**  
URBAN OPPORTUNITY - RURAL HOSPITALITY

Drainage Superintendent: <b>STEVE MORRIS</b> 519-245-1105 EXT. 248	No.	REVISIONS	DATE

Drawn By: <b>RK</b>	Field Book: <b>GFS</b>	JOB No.: <b>2213-41</b>	Drawing No.: <b>2 of 3</b>
Date: <b>NOV. 10 2023</b>			



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



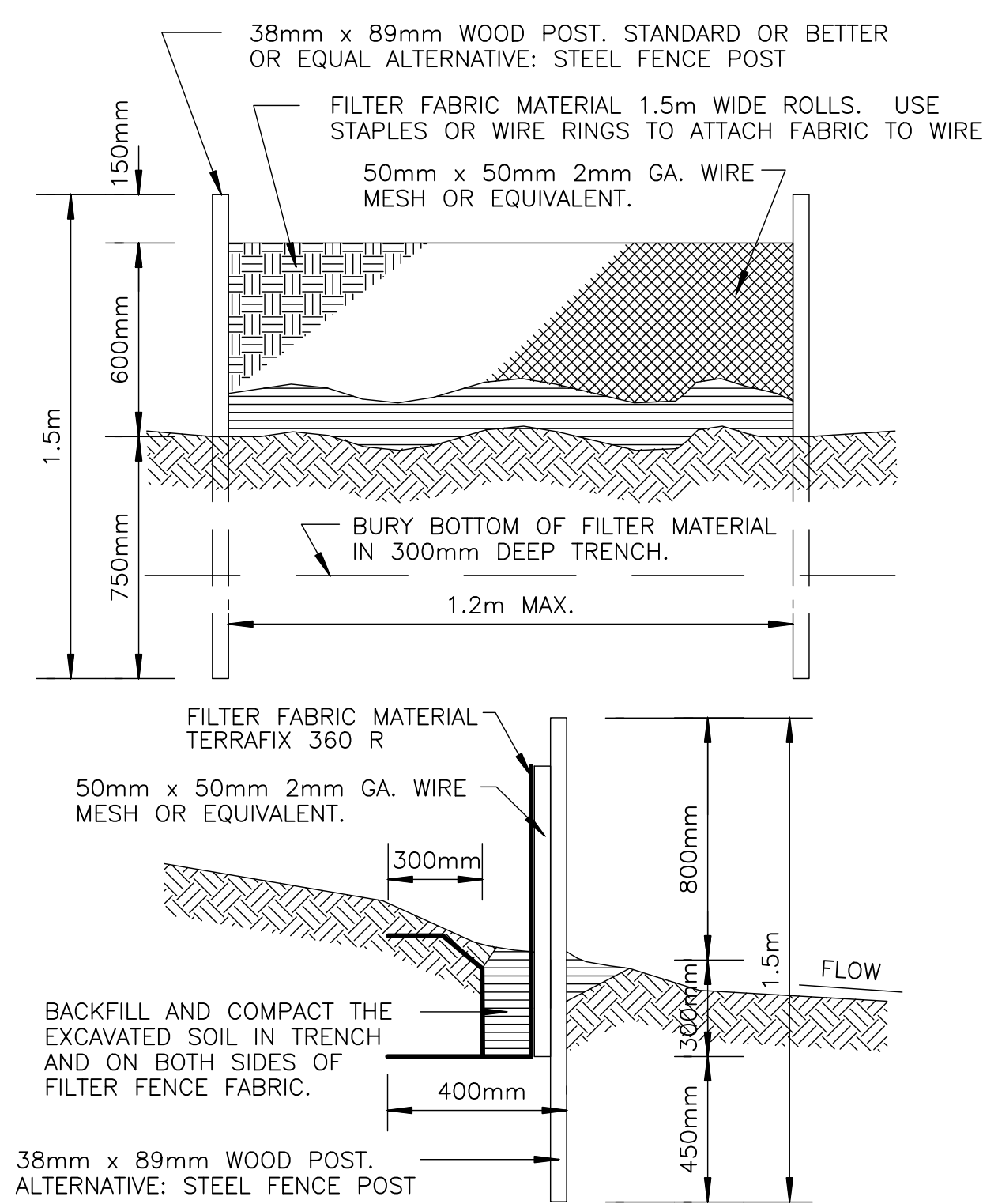
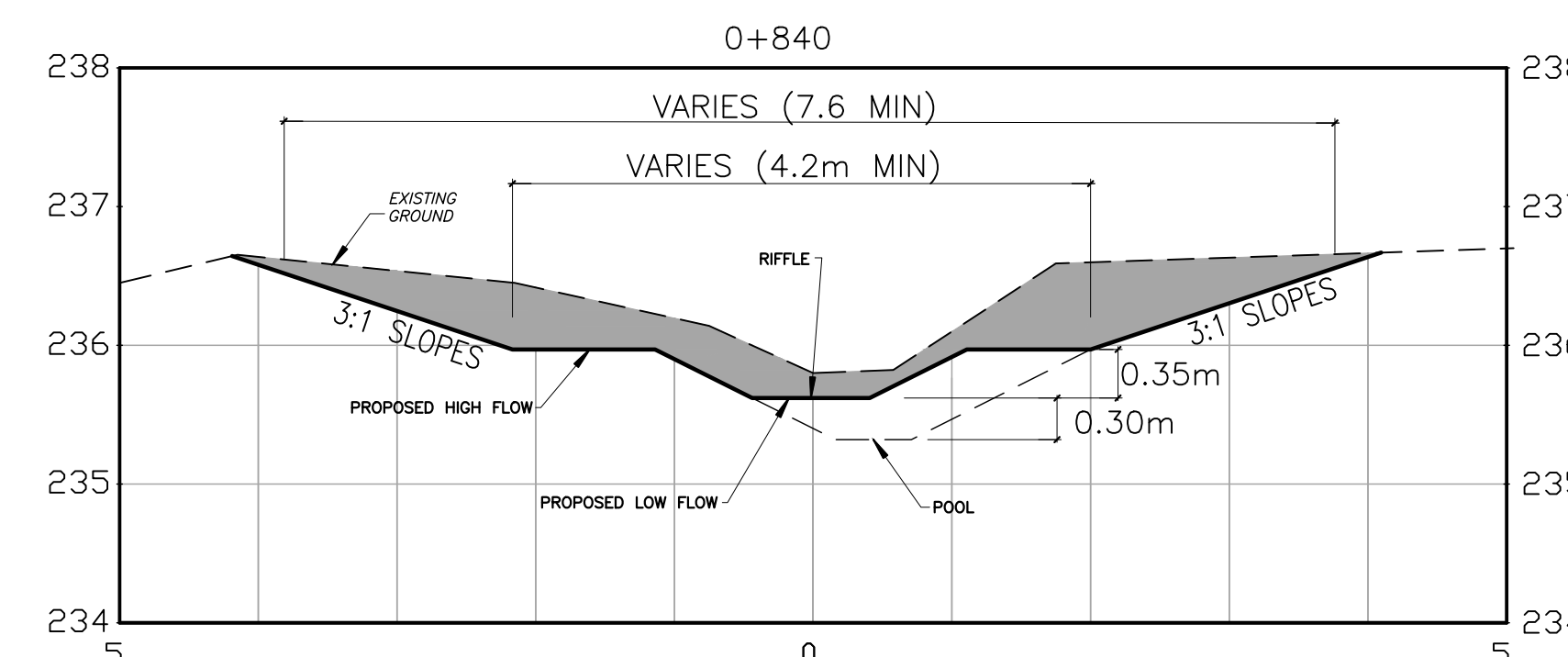
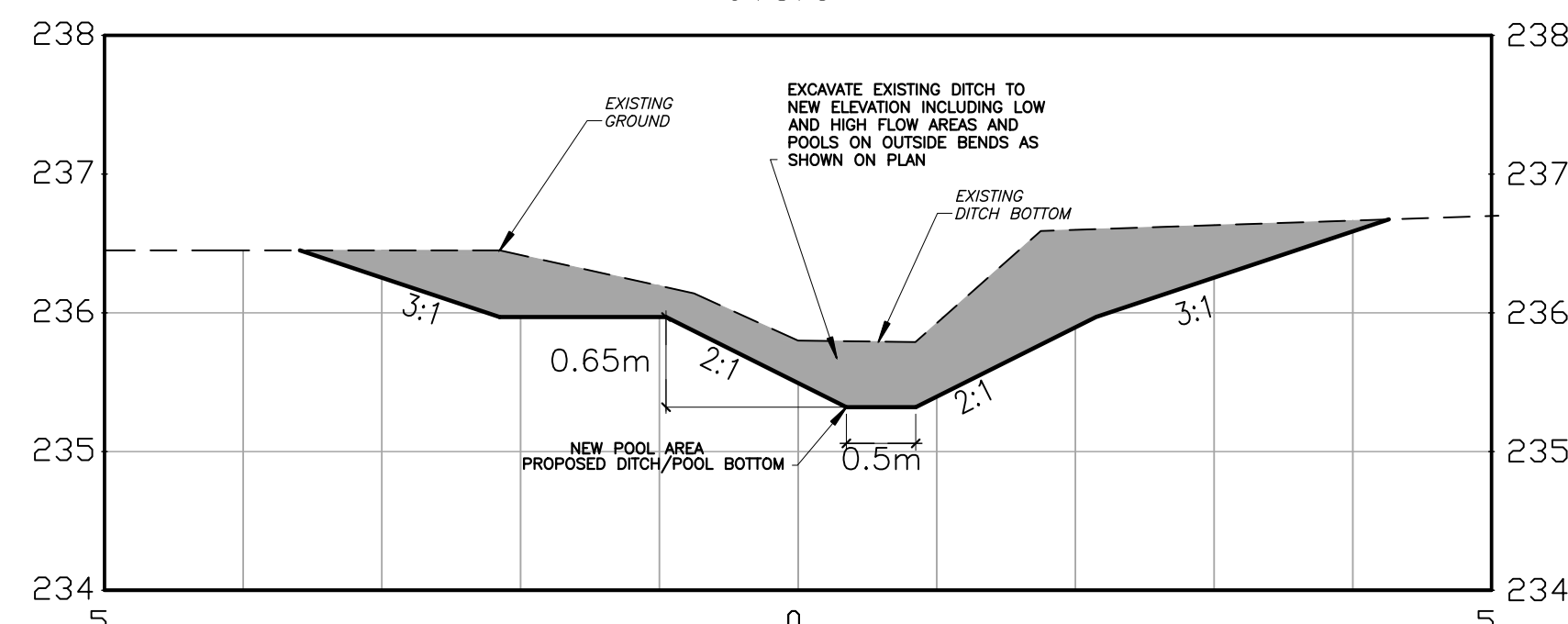
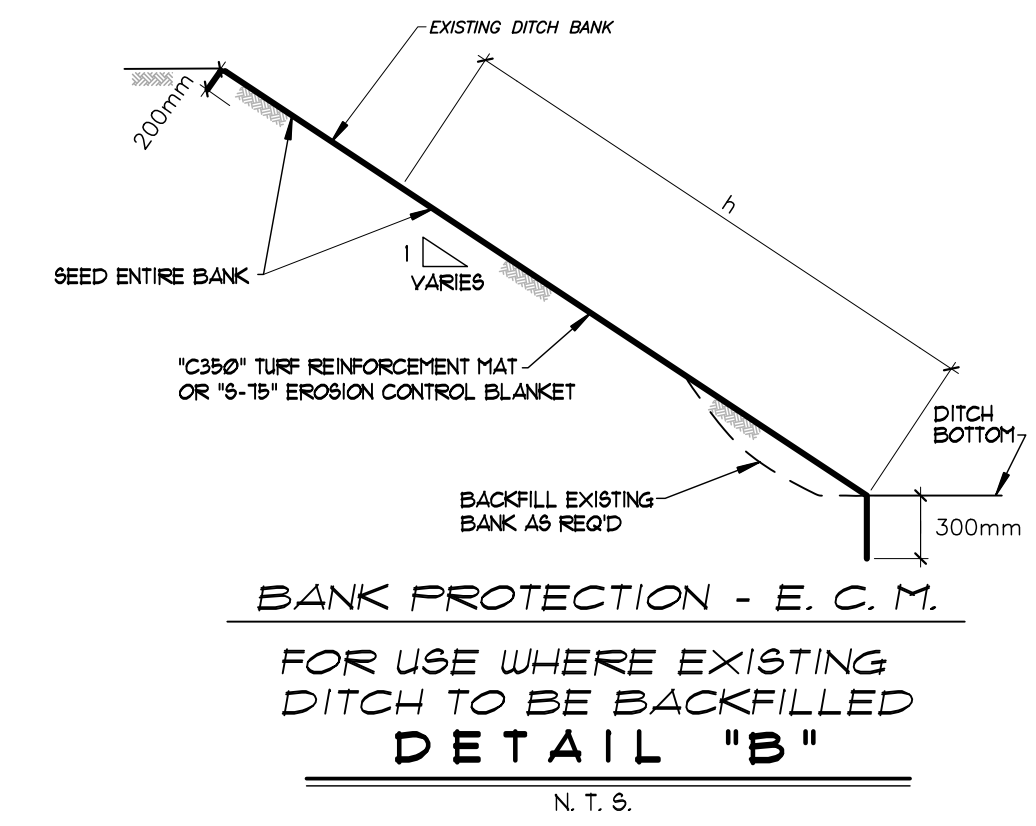
**PHASING NOTES**

**PHASE 1**

- a) INSTALL SEDIMENT CONTROL MEASURES INCLUDING POND @ STA. 0 + 205 AND SILT FENCING AS PER GENERAL NOTES.
- b) RECONSTRUCT/EXCAVATE CHANNEL TO NEW SHAPE DOWN TO APPROX. 50% DEPTH OR WHAT SOIL CONDITIONS WILL ALLOW. IF SOIL IS UNSTABLE OR WATER LEVEL TOO HIGH, THE CONTRACTOR IS TO STOP WORK TO ALLOW SUFFICIENT TIME FOR GROUND CONDITIONS TO DRY UP ENOUGH TO CONTINUE. ENGINEER SHALL BE NOTIFIED IF THIS DECISION IS BEING CONSIDERED.
- c) MONITOR SEDIMENT MEASURES DURING CONSTRUCTION AND MAINTAIN AS REQUIRED.
- d) UPON COMPLETION OF PHASE 1 (ENTIRE LENGTH OF DRAIN), ENGINEER, CONTRACTOR AND MUNICIPALITY SHALL REVIEW WATER TABLE IN ADJACENT SOIL. UNLESS OTHERWISE INSTRUCTED, THE CHANNEL SHALL BE LEFT FOR APPROX. 1 MONTH TO ALLOW FOR THE WATER TABLE IN ADJACENT SOIL TO DROP SUFFICIENTLY TO COMMENCE PHASE 2

**PHASE 2**

- a) WHEN INSTRUCTED THE CONTRACTOR SHALL COMPLETE SECOND PASS OF CHANNEL RECONSTRUCTION TO FINISHED DEPTH AND CROSS SECTION.
- b) MONITOR SEDIMENT MEASURES DURING CONSTRUCTION AND MAINTAIN AS REQUIRED.
- c) UPON INSTRUCTION OF THE ENGINEER, SEED NEW DITCH BANKS
- d) ALLOW SUFFICIENT TIME TO CONFIRM BANKS ARE STABLE AND SEED CATCH IS SUFFICIENT.
- e) REMOVE SEDIMENT CONTROL MEASURES



**SEDIMENT CONTROL MEASURE NOTES**

- 1. ALL SEDIMENT CONTROL MEASURES ARE TO BE IN PLACE BEFORE STARTING CONSTRUCTION AND REMAIN IN PLACE UNTIL RESTORATION IS COMPLETE.
- 2. SEDIMENT TRAPS TO BE 6m LONG AND 0.4m DEEP
- 3. MAINTAIN SEDIMENT CONTROL MEASURES DURING CONSTRUCTION.
- 4. INSPECTION AND CLEANING OF THE SILT CURTAINS & SEDIMENT POND SHOULD BE CARRIED OUT REGULARLY. CLOGGED FILTER MATERIALS SUCH AS CRUSHED STONE, STRAW BALES OR FILTER CLOTH SHOULD BE REPLACED AS REQUIRED.
- 5. ALL COLLECTED SEDIMENT TO BE DISPOSED OF AT AN APPROVED LOCATION.
- 6. MINIMIZE AREA DISTURBED DURING CONSTRUCTION.
- 7. APPROVAL OF INSTALLED MEASURES TO BE OBTAINED FROM THE ENGINEER PRIOR TO COMMENCING CONSTRUCTION OPERATIONS.

**BALLANTINE-CHRISTINA ROAD DRAIN 2023**

Municipality of STRATHROY-CARADOC  
URBAN OPPORTUNITY - RURAL HOSPITALITY

Drainage Superintendent: <b>STEVE MORRIS</b> 519-245-1105 EXT. 248	No.	REVISIONS	DATE
Drawn By: <b>Rk</b>	Field Book: <b>GFS</b>	JOB No.: <b>2213-41</b>	Drawing No.: <b>3 of 3</b>
Date: <b>NOV. 10 2023</b>	PROFILE, SECTIONS & TIMING		

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