

**GENERAL NOTES**

- OUR SPECIFICATIONS DATED JANUARY 2020 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 - TO BE CONSTRUCTED FROM WITHIN THE ROW.  
 CLOSED PORTIONS - 2.0 meters  
 THE WORKING WIDTH FOR PURPOSES OF FUTURE MAINTENANCE SHALL BE THE SAME AS ABOVE EXCEPT FOR CLOSED PORTIONS (NOT THROUGH BUSH) SHALL BE 10m.
- 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.12 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.

**CLOSED PORTIONS**

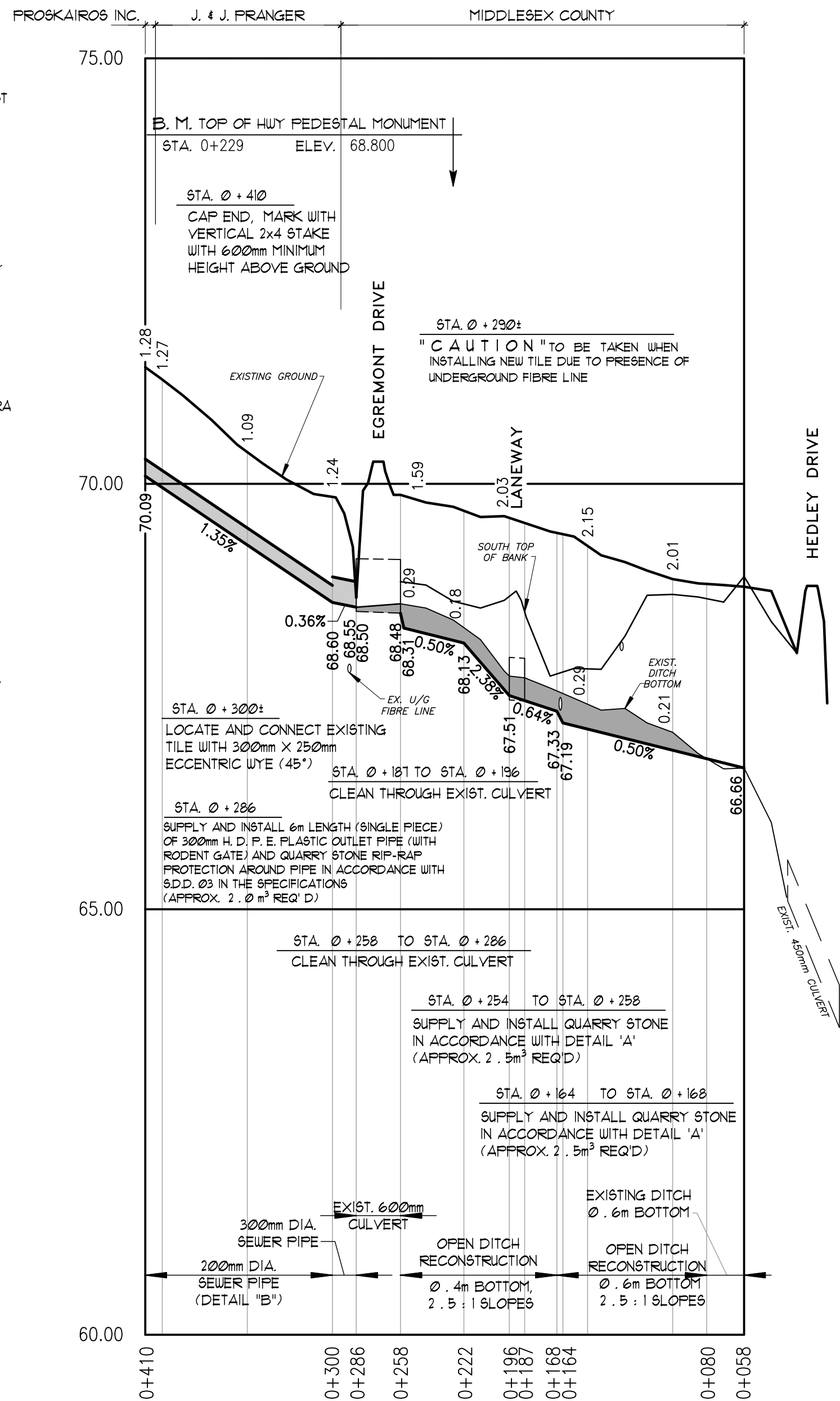
- SEWER PIPE TO BE CONCRETE, H.D.P.E. PLASTIC 320 MPA (BELL & SPIGOT WITH RUBBER GASKETS, CONFORMING TO C.S.A. 1026-00), PVC ULTRA RIB OR PVC RDR 35
- NEW TILE DRAINS TO BE LOCATED AS FOLLOWS:  
 a) MAIN DRAIN  
 b) STA. 0+299 to STA. 0+410 - NEW TILE DRAIN TO BE LOCATED 2.5m NORTH OF EXISTING FENCE.
- 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"  
 d) STRIP AND STOCKPILE TOPSOIL FROM CONSTRUCTION AREA (4 metre width) EXCEPT LANEWAYS & ROADS. EXCESS SPOIL TO BE LEVELLED AND TOPSOIL RELEVELLED OVER SPOIL, MOUNDING TRENCH AND REMAINING CONSTRUCTION AREA.

- RESTORATION OF GROUND AREAS SHALL BE IN ACCORDANCE WITH SECTIONS A.14 AND B.11 IN THE SPECIFICATION WITH THE FOLLOWING EXCEPTIONS:

- 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.

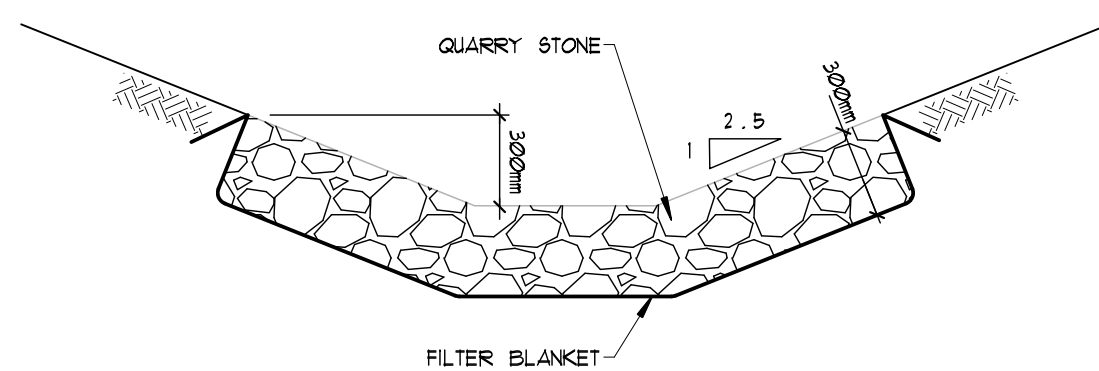
**OPEN PORTIONS**

- WORK TO BE COMPLETED FROM ROAD SIDE AND EXCAVATED MATERIAL TO BE HAULED TO 030-115-0 PROPERTY AND FILED IN A LOCATION TO BE DETERMINED BY OWNER DURING PRECONSTRUCTION MEETING
- NEWLY EXPOSED DITCH BANKS ARE TO BE HAND SEEDDED UPON COMPLETION OF CONSTRUCTION IN ACCORDANCE WITH SECTION B.11 IN THE SPECIFICATIONS
- SILT FENCE TO BE PLACED ACROSS DITCH BOTTOM AT STA. 0+058 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.

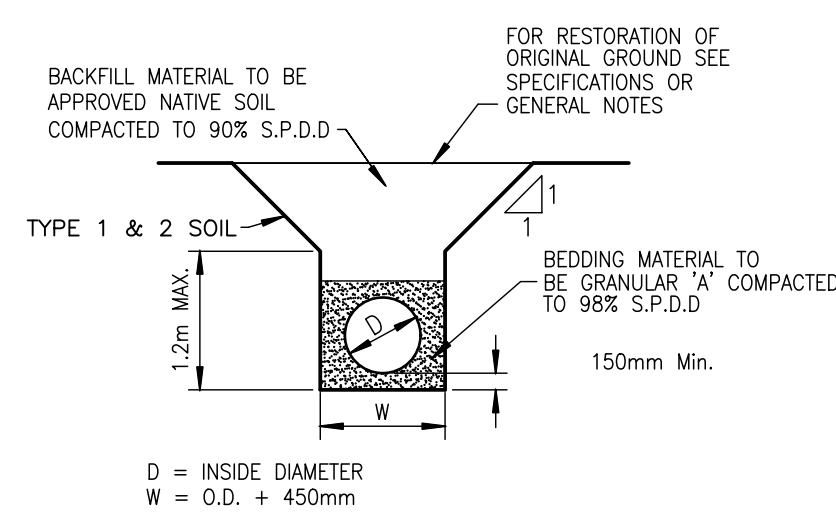


**BRANCH "B" PROFILE**

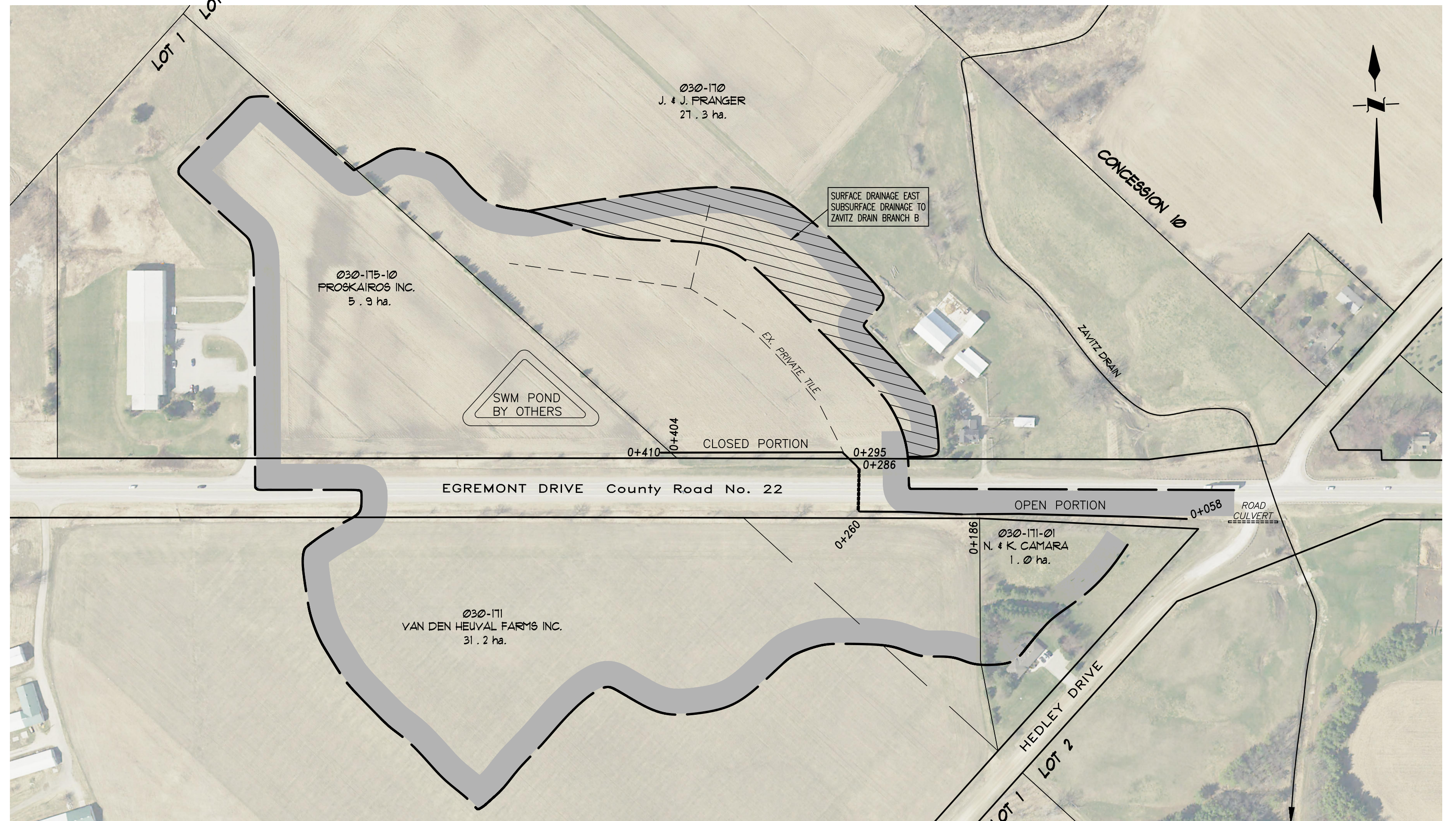
SCALE: HOR. 1:2,500  
VERT. 1:50



**TYPICAL DITCH BANK RIP-RAP  
DETAIL "A" N.T.S.**



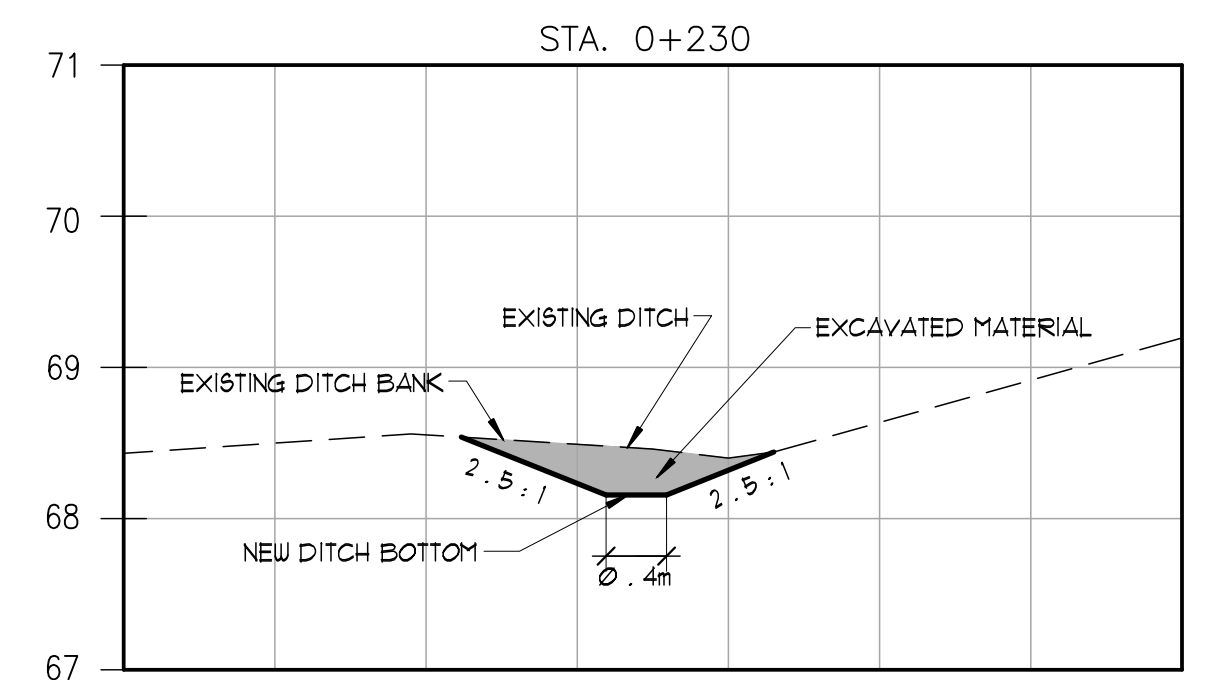
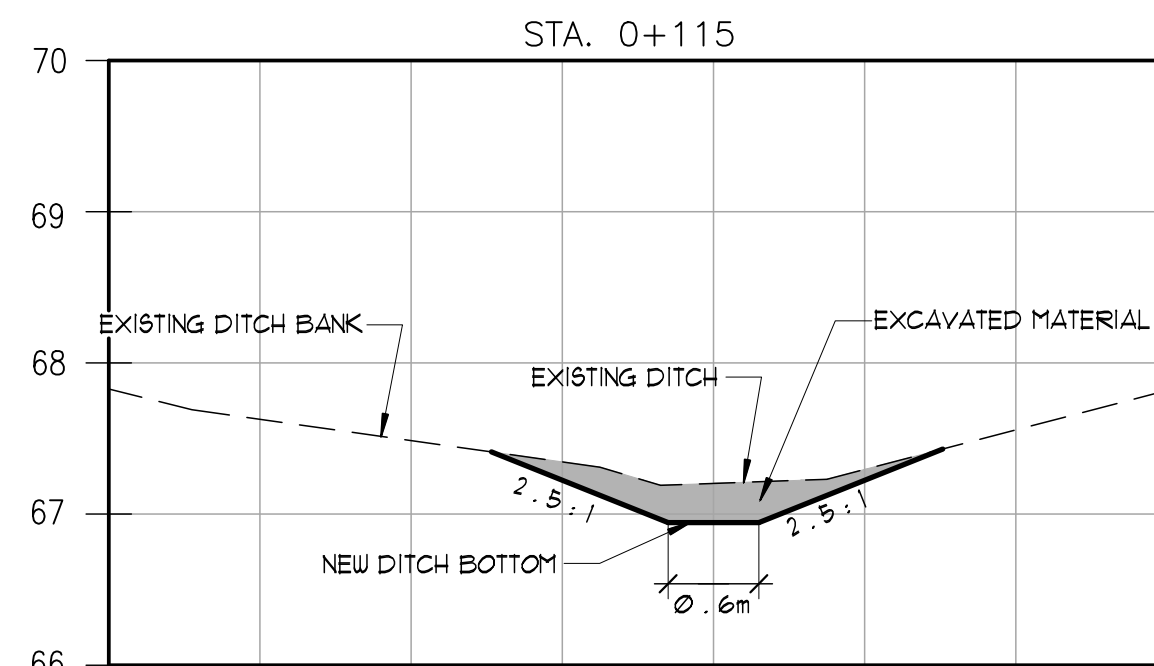
**BEDDING DETAIL  
DETAIL "B" N.T.S.**



**PLAN SCALE 1:2,000**

**PLAN LEGEND**

- LIMIT OF WATERSHED AREA
- PROPOSED DRAINAGE WORKS
- EXISTING OR INTERIOR WATERSHED
- EXIST. PRINCIPAL DRAIN
- PRIVATE TILE OR SURFACE WATER RUN



**TYPICAL DITCH SECTIONS**

SCALE: 1:50

**PROSKAIROS DRAIN 2023**

Municipality of **middlesex centre**  
in the centre of it all

Drainage Superintendent: <b>DAN ANDERSON</b> 519-666-0190 EXT. 229	No.	REVISIONS	DATE
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Drawn By: <b>AV</b>	Field Book	JOB No.	Drawing No.
Date: April 11, 2023	D - 256, 251	222278	1 of 1

**SPRIET ASSOCIATES LIMITED**  
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