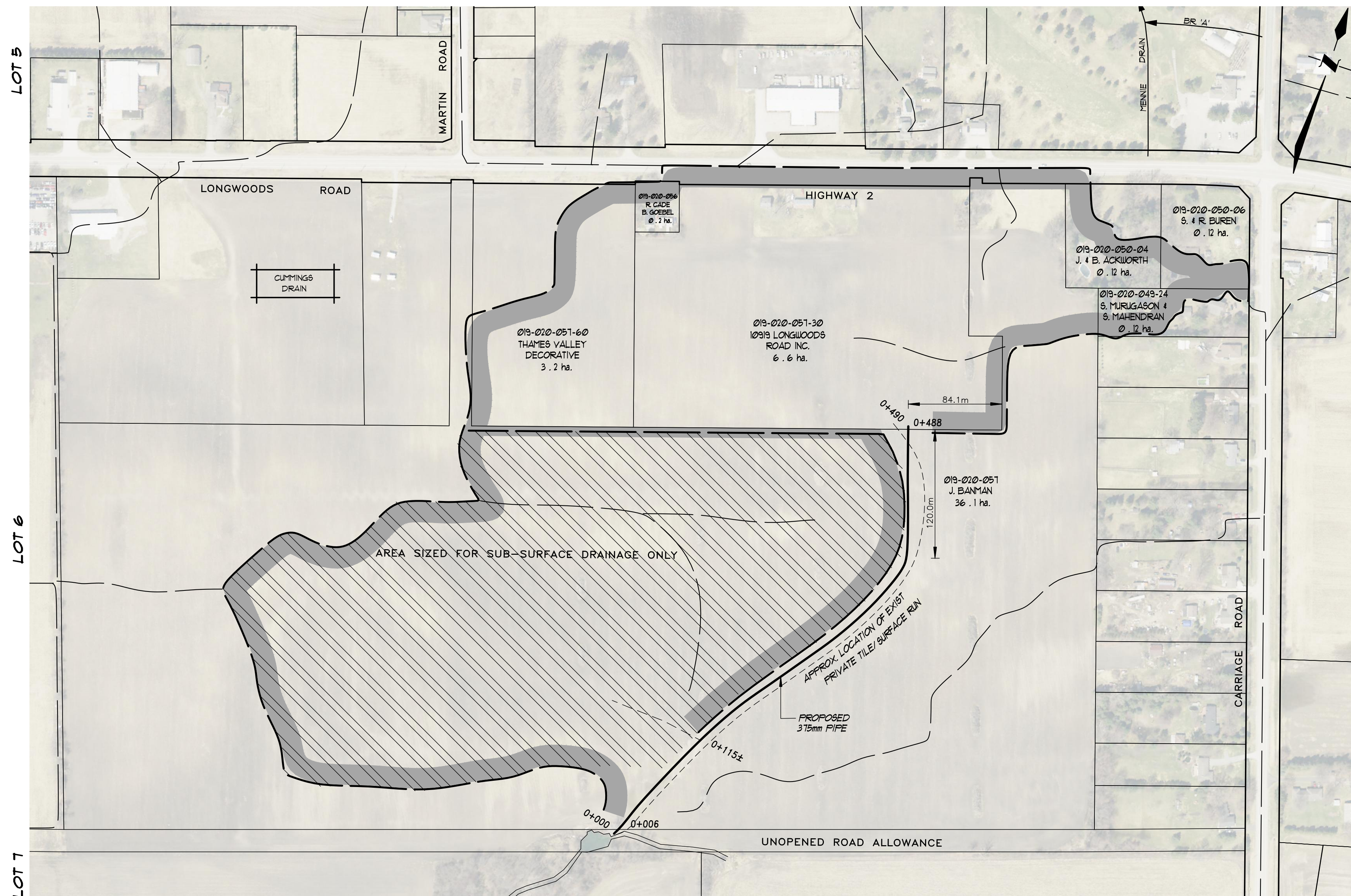


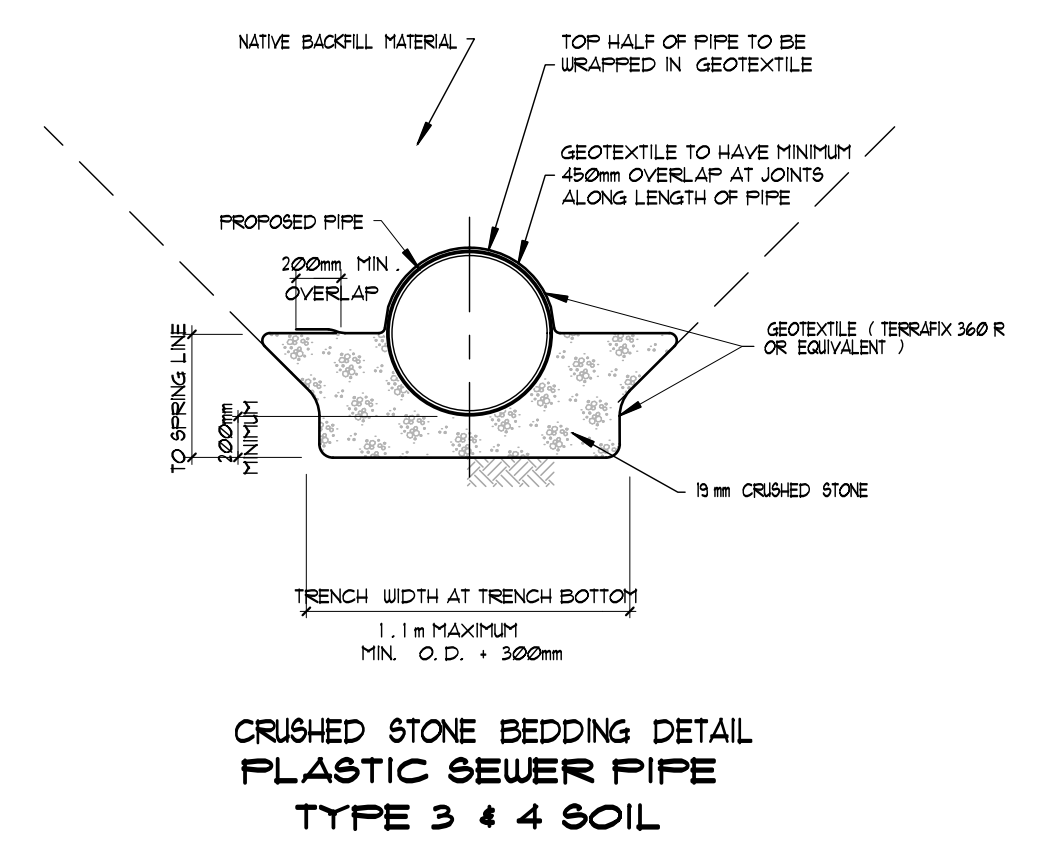
CONCESSION 1



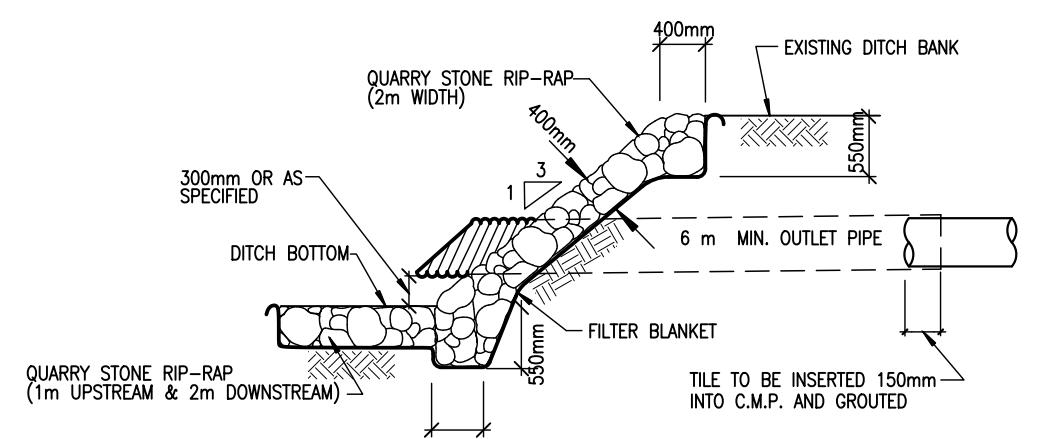
PLAN LEGEND

- LIMIT OF WATERSHED AREA
- PROPOSED DRAINAGE WORKS
- EXTERIOR OR INTERIOR WATERSHED
- EXIST. PRIVATE TILE
- EXIST. MUNICIPAL DRAIN
- EXIST. WATERCOURSE OR PRIVATE DITCH
- 10 - 000 ASSESSMENT ROLL NUMBER
- 2 WITH OWNERS NAME
- 40.9 HA. HECTARES OWNED

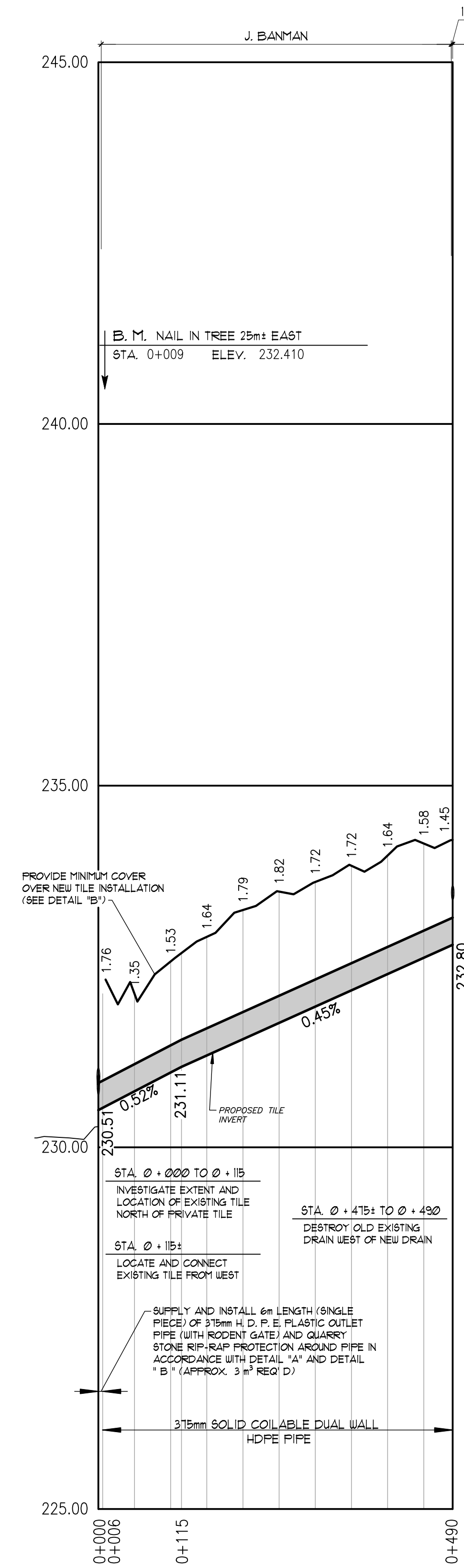
PLAN SCALE 1 : 2,500



**CRUSHED STONE BEDDING DETAIL
PLASTIC SEWER PIPE
TYPE 3 & 4 SOIL
DETAIL "A"**
N. T. S.



**TYPICAL OUTLET RIP-RAP
DETAIL "B"**
N. T. S.



PROFILE
SCALE : HOR 1 : 5,000
VERT. 1 : 50

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:
CLOSED PORTIONS - 8 meters
THE WORKING WIDTH FOR PURPOSES OF FUTURE MAINTENANCE SHALL BE 8m CENTERED ON THE DRAIN
- 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 12 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/ 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.
- 8/ ALL HDPE PIPE AND HDPE SEWER PIPE TO CONFORM TO 'SECTION C.1' IN THE SPECIFICATIONS.
a) SEWER PIPE TO BE H. D. P. E. PLASTIC 320 KPA (BELL & SPIGOT WITH RUBBER GASKETS, CONFORMING TO C.S.A. 1026-08), PVC ULTRA RIB OR PVC SDR 35
b) HDPE PIPE SHALL BE DUAL WALL FLEXIBLE (COILABLE, SMOOTH) PIPE SUCH AS 'GOLDFLEX', 'ADS N-12 FLEX' OR APPROVED EQUAL.
- 9/ ALL CATCHBASINS SHALL BE SUPPLIED AND INSTALLED IN ACCORDANCE WITH 'SECTION C.16' IN THE SPECIFICATIONS.
- 10/ NEW TILE DRAINS TO BE LOCATED AS FOLLOWS:
- NEW TILE DRAIN TO BE PLACED ON NORTH SIDE OF EXISTING PRIVATE TILE DRAIN WHERE POSSIBLE.
EXISTING TILE DRAINS TO BE EXPOSED IN AS MANY LOCATIONS AS ARE NECESSARY TO CONFIRM THEIR EXACT LOCATION AND ELEVATION PRIOR TO CONSTRUCTION, EXACT LOCATION OF NEW TILE DRAINS THEN TO BE CONFIRMED BY DRAINAGE SUPERINTENDENT OR ENGINEER.
- 11/ a) INSTALLATION OF TILE AND TRENCH WIDTHS SHALL BE IN ACCORDANCE WITH 'SECTION C - TILE DRAIN' IN THE SPECIFICATIONS.
b) NO CONSTRUCTION EQUIPMENT OR FARM MACHINERY SHALL CROSS OVER THE MOUNDED BACKFILLED TILE TRENCHES UNTIL SUFFICIENT SETTLEMENT HAS OCCURRED.
c) STRIP AND STOCKPILE TOPSOIL FROM CONSTRUCTION AREA (4 metre width) EXCEPT LANEWAYS & ROADS. EXCESS SPOIL TO BE LEVELLED AND TOPSOIL RELEVELLED OVER SPOIL, MOUNDED TRENCH AND REMAINING CONSTRUCTION AREA.
d) COILABLE SMOOTH WALL PIPE TO BE INSTALLED WITH APPROVED DRAINAGE FLOW.
e) SEWER PIPE TO BE INSTALLED WITH EXCAVATOR BACKHOE, AND SHALL BE BEDDED IN ACCORDANCE WITH DETAIL 'A' AND THE SPECIFICATIONS.
- 12/ THE LANDOWNER AND MUNICIPALITY ARE TO MONITOR THE FIELD ALONG THE ROUTE OF THE DRAIN AFTER CONSTRUCTION FOR SIGNS OF MISSED TILE CONNECTIONS. IF ANY ARE FOUND, THE MUNICIPALITY SHALL HAVE THE CONNECTIONS MADE.

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.

SAKER DRAIN 2024

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

Drainage Superintendent: DAN ANDERSON 519-666-0190 EXT. 229		No.	REVISIONS	DATE
Drawn By: TF	Field Book: GFS	JOB No.: 223039	Drawing No.: 1 of 1	
Date: MAY 6 2024	PLAN, PROFILES, & DETAIL			
SPRIET ASSOCIATES LIMITED				
LONDON CONSULTING ENGINEERS				
155 YORK STREET - LONDON (519) 672-4100 - NEA 1A8				