

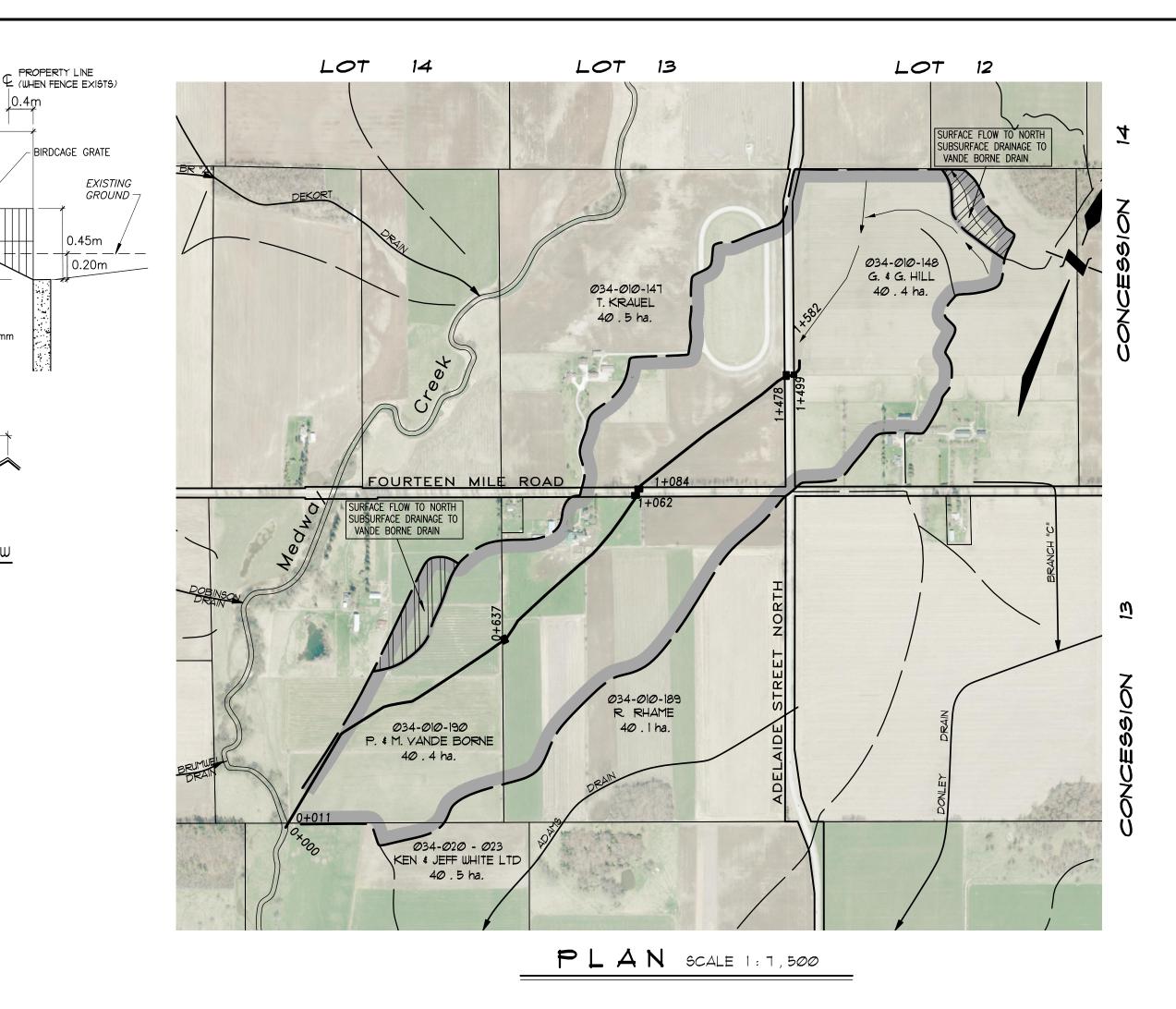
- 3/ ALL OWNERS ALONG THE COURSE OF THE DRAIN SHALL MAKE AN ACCESS ROUTE FROM THE NEAREST ROAD TO THE DRAIN LOCATION AVAILABLE TO THE CONTRACTOR THE AVERAGE WIDTH OF THIS ROUTE SHALL NOT EXCEED 8 METERS. THE ACCESS ROUTE SHALL ALSO APPLY FOR FUTURE MAINTENANCE PURPOSES .
- 4/a) ALL UTILITIES TO BE LOCATED 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/ RIP-RAP TO BE SUPPLIED AND INSTALLED IN ACCORDANCE WITH "SECTION A. 12" IN

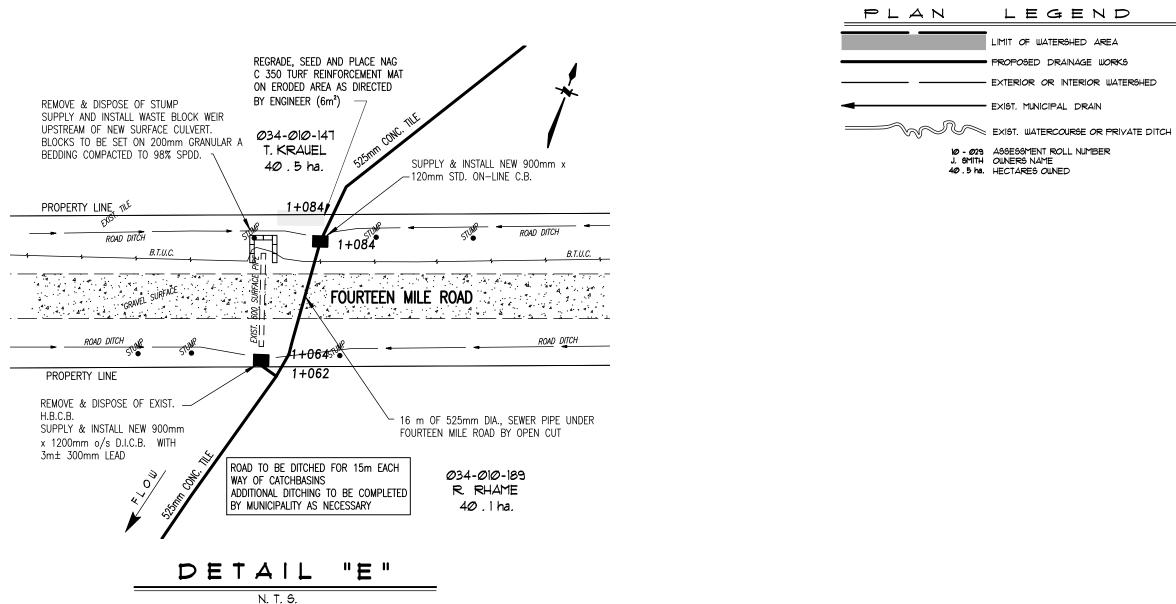
THE SPECIFICATIONS.

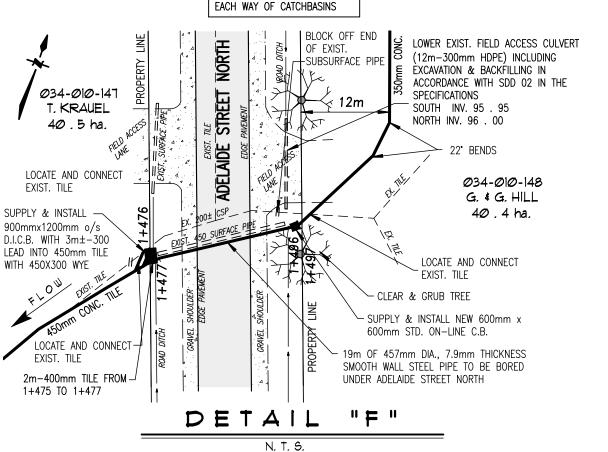
- 6/ CONTRACTOR TO ARRANGE A PRE-CONSTRUCTION MEETING WITH THE ENGINEER, DRAINAGE SUPERINTENDENT, AND THE AFFECTED OWNERS. ALL PARTIES SHALL RECEIVE 48 HOURS NOTICE TO THE MEETING.
- 1/ ALL CONCRETE AND PLASTIC TILE AND PIPE TO CONFORM TO "SECTION C. I " IN THE SPECIFICATIONS. a) SEWER PIPE TO BE CONCRETE, 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, 2000 D OR 2400 D AS SPECIFIED ON PROFILE.

- (BETWEEN EXISTING HEADER TILES WHERE APPLICABLE). EXISTING TILE TO BE DESTROYED AND EXPOSED TILE TO BE DISPOSED OF OFF-SITE.
- c) <u>STA. 1 + 478 To STA. 1 + 582</u> ON PRIVATE PROPERTY PARALLEL AND APPROX. 10m EAST OF ADELAIDE STREET ROW.
- EXISTING TILE DRAINS TO BE EXPOSED IN AS MANY LOCATIONS AS ARE NECESSARY TO CONFIRM THEIR EXACT LOCATION ANS ELEVATION PRIOR TO CONSTRUCTION . EXACT LOCATION OF NEW TILE DRAINS THEN TO BE CONFIMED BY DRAINAGE SUPERINTENDENT OR ENGINEER.
- $|\emptyset|$ 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 LANEWAY 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 " A " d) NO CONSTRUCTION EQUIPMENT OR FARM MACHINERY SHALL CROSS OVER THE MOUNDED
- BACKFILLED TILE TRENCHES UNTIL SUFFICIENT SETTLEMENT HAS OCCURRED e) ALL CONCRETE TILE AND TILE-PIPE JOINTS TO BE WRAPPED WITH GEOTEXTILE IN ACCORDANCE WITH "SECTION C. 8" IN THE SPECIFICATIONS.
- f) STRIP AND STOCKPILE TOPSOIL FROM CONSTRUCTION AREA FROM STA. Ø + ØØØ TO ILDERTON ROAD (4 metre width). EXCESS SPOIL TO BE LEVELLED AND TOPSOIL RELEVELLED OVER SPOIL, MOUNDED TRENCH AND REMAINING CONSTRUCTION AREA.
- II/ 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.

- PREFABRICATED FITTINGS. c) THE CONTRACTOR SHALL SUPPLY THE ENGINEER WITH A LIST SHOWING STATIONS OF ALL TILE CONNECTIONS UPON COMPLETION OF CONSTRUCTION.
- 14/ a) IF IT BECOMES IMPRACTICAL TO INSTALL THE NEW TILE IN THE EXISTING TILE LOCATION DUE TO EXISTING TILE ALIGNMENT AND/OR TOO MUCH WATER FLOWING THROUGH THE TILE, THEN THE CONTRACTOR SHALL IMMEDIATELY NOTIFY THE ENGINEER AND/OR THE DRAINAGE SUPERINTENDENT.
- b) IF SO ORDERED BY THE ENGINEER AND/OR DRAINAGE SUPERINTENDENT THEN THE CONTRACTOR SHALL INSTALL THE NEW TILE IMMEDIATELY ADJACENT TO THE EXISTING TILE. AFTER CONSTRUCTION IS COMPLETED THE EXISTING TILE SHALL BE DESTROYED WITH A RUBBER TIRE BACKHOE. TILE CONNECTIONS INTO THE EXISTING TILE SHALL BE CONNECTED TO THE NEW TILE.
- 15/ a) IT SHALL BE NOTED THAT AREAS OF POOR SOIL CONDITION WILL 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 60 ORDERED BY THE DRAINAGE SUPERINTENDENT OR ENGINEER, THE CONTRACTOR SHALL INSTALL THE TILE OR PIPE ON A BEDDING OF 19mm (34 ") CRUSHED STONE THROUGH THE AREA OF UNSTABLE TRENCH. IF THE TRENCH BOTTOM IS UNSTABLE AND WILL NOT SUPPORT THE TILE / PIPE, THEN THE CRUSHED STONE SHALL BE COMPLETELY WRAPPED IN GEOTEXTILE SUCH AS "TERRAFIX 360 R " OR APPROVED EQUAL (SEE DETAIL "D"). THE TYPE AND 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 ON PAGE 3 OF THE "FORM OF TENDER"







ROAD TO BE DITCHED FOR 15m

PROPERTY LINE

BIRDCAGE GRATE

0.45m

0.20m

VANDE BORNE DRAIN 2021 Municipality of centre in the centre of it all Drainage Superintendent: DAN ANDERSON 519-666-0190 EXT. 229 rown By: A∨**∉ak** Drawing No. D - 269 ate: JUNE 30, 2021 June 50/21 1 Of PLAN, PROFILE & DETAILS M. P. Devos SPRIET ASSOCIATES LONDON CONSULTING 155 YORK STREET --LONDON

ENGINEERS

LEGEND

LIMIT OF WATERSHED AREA