

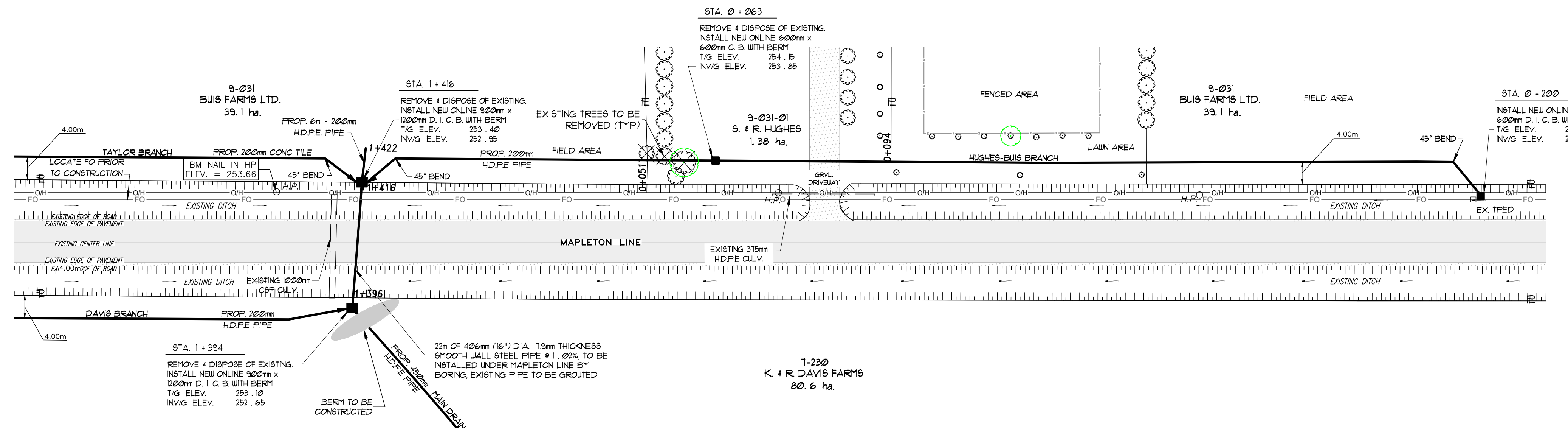
GENERAL NOTES

- OUR "SPECIFICATIONS FOR THE CONSTRUCTION OF MUNICIPAL DRAINAGE WORKS, 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:
CLOSED PORTIONS - 15 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.
- 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

- ALL CONCRETE TILE, PLASTIC TILE, HDPE PIPE AND HDPE SEWER PIPE TO CONFORM TO "SECTION C.11" IN THE SPECIFICATIONS.
a) CONCRETE TILE SHALL BE HEAVY DUTY UNLESS SPECIFIED 2000 D OR 1400 D ON PROFILE.
b) SEWER PIPE TO BE H. D. P. E. PLASTIC 320 KPA (BELL 4 SPIGOT WITH RUBBER GASKETS, CONFORMING TO C.S.A. 1026-08), PVC ULTRA RIB OR PVC SDR 35
- ALL HDPE PIPE AND HDPE SEWER PIPE TO CONFORM TO "SECTION C.11" IN THE SPECIFICATIONS.
a) HDPE PIPE SHALL BE DUAL WALL FLEXIBLE (COILABLE, SMOOTH) PIPE SUCH AS "GOLDFLEX", "ADS N-12 FLEX" OR APPROVED EQUAL.
- ALL CATCHBASINS SHALL BE SUPPLIED AND INSTALLED IN ACCORDANCE WITH "SECTION C.16" IN THE SPECIFICATIONS.
- EXACT LOCATION OF NEW DRAIN TO BE DETERMINED AT TIME OF CONSTRUCTION BY DRAINAGE SUPERINTENDENT OR ENGINEER.
- a) INSTALLATION OF TILE AND TRENCH WIDTHS SHALL BE IN ACCORDANCE WITH "SECTION C - TILE DRAIN" IN THE SPECIFICATIONS.
b) ALL CONCRETE TILE AND TILE-PIPE JOINTS TO BE WRAPPED WITH GEOTEXTILE IN ACCORDANCE WITH "SECTION C.8" IN THE SPECIFICATIONS.
c) NO CONSTRUCTION EQUIPMENT OR FARM MACHINERY SHALL CROSS OVER THE MOUNDED BACKFILLED TILE TRENCHES UNTIL SUFFICIENT SETTLEMENT HAS OCCURRED.
d) STRIP AND STOCKPILE TOPSOIL FROM CONSTRUCTION AREA (4 METRE WIDEN) EXCEPT LANEWAYS & ROADS. EXCESS SPOIL TO BE LEVELLED AND TOPSOIL RELEVELLED OVER SPOIL, MOUNDED TRENCH AND REMAINING CONSTRUCTION AREA.
e) PERFORATED PLASTIC FILTERED TILE TO BE INSTALLED WITH APPROVED DRAINAGE PLOUGH. IF SOLID PLASTIC TILE IS INSTALLED WITH TRENCHER OR BACKHOE, THE IT SHALL BE BEDDED IN ACCORDANCE WITH DETAIL "B" AND SPECIFICATIONS.
- 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.
- SILT FENCE TO BE PLACED ACROSS DITCH BOTTOM AT STA. 0 + 000 DURING CONSTRUCTION TO PREVENT SILT FROM FLOODING DOWNSTREAM AND ARE TO BE MAINTAINED AS NECESSARY DURING CONSTRUCTION. SILT FENCE AND SILT TO BE REMOVED AND DISPOSED OF AFTER CONSTRUCTION.

PLAN SCALE 1 : 5,000



MAPLETON LINE DETAIL SCALE : 1 : 500

POWERS DRAIN No. 1
Municipality of Central Elgin

Drainage Superintendent: **SEAN WATERMAN**
519-633-4860

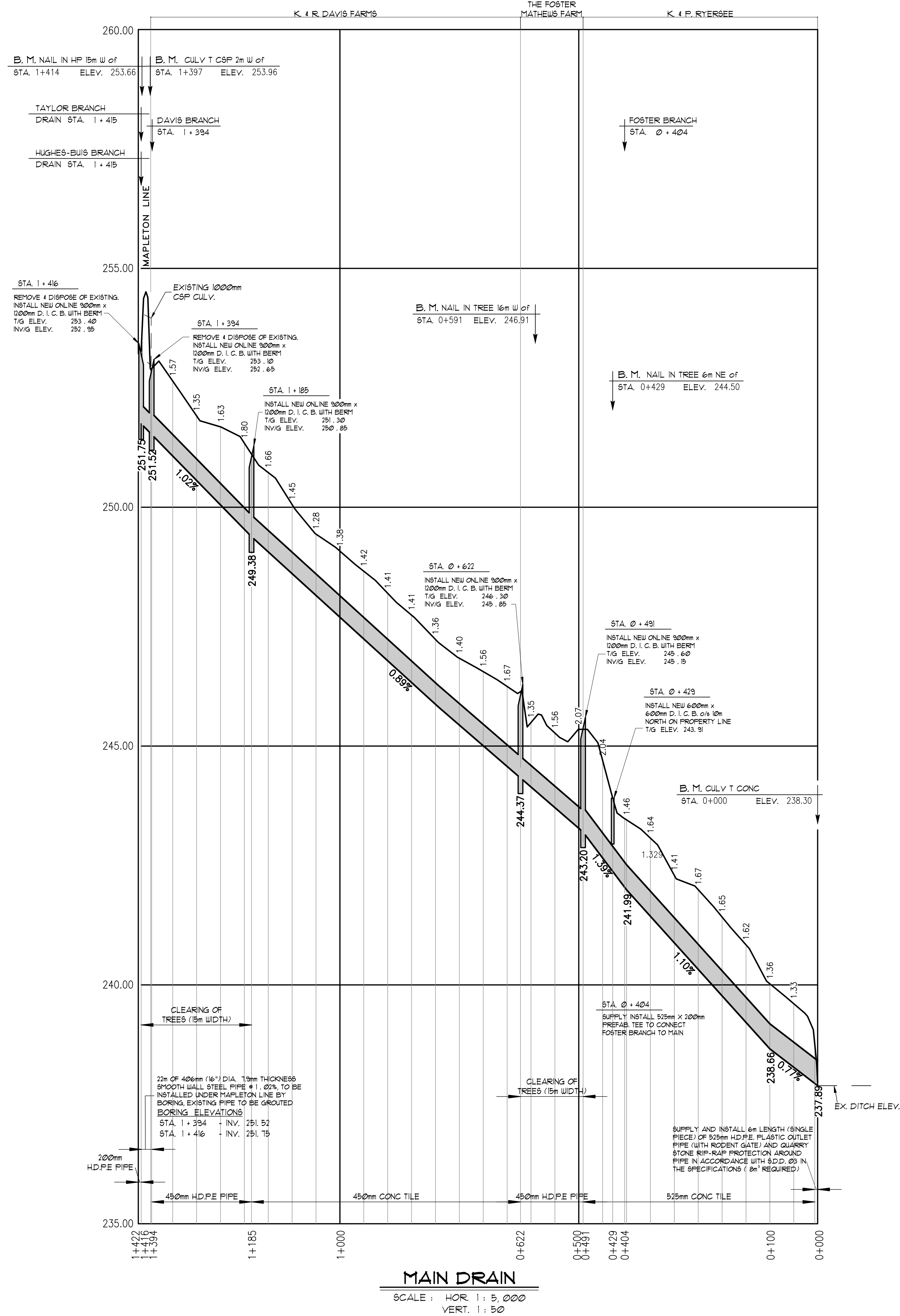
No.	REVISIONS	DATE

Drawn By: **AP 4 HB** Field Book: **GFS** JOB No: **226045** Drawing No: **1 of 2**
Date: **APR 17, 2026**

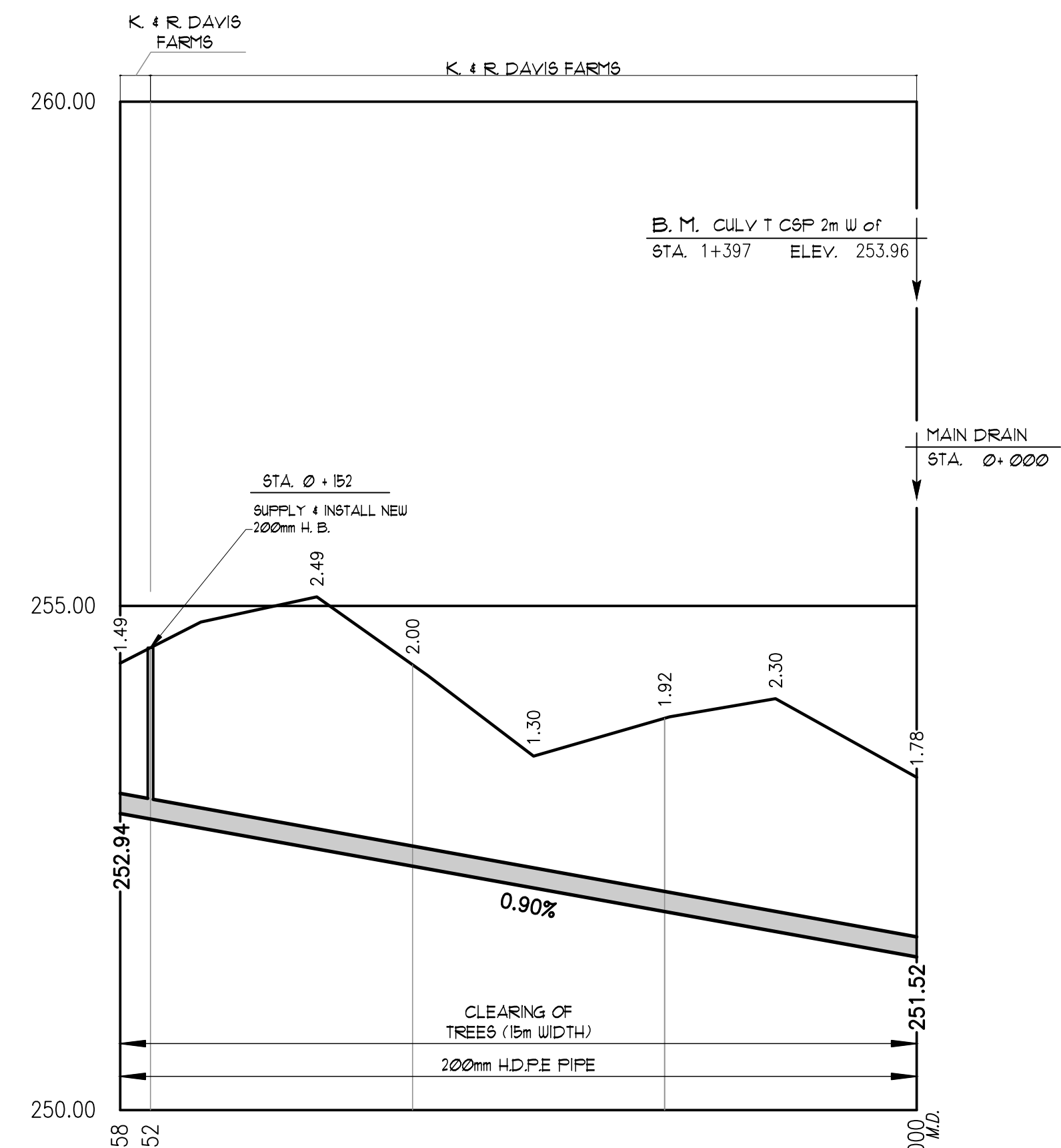
PLAN, DETAIL, & NOTES

SPRIET ASSOCIATES
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155 YORK STREET - LONDON (519) 672-4100 - NEA 1A8

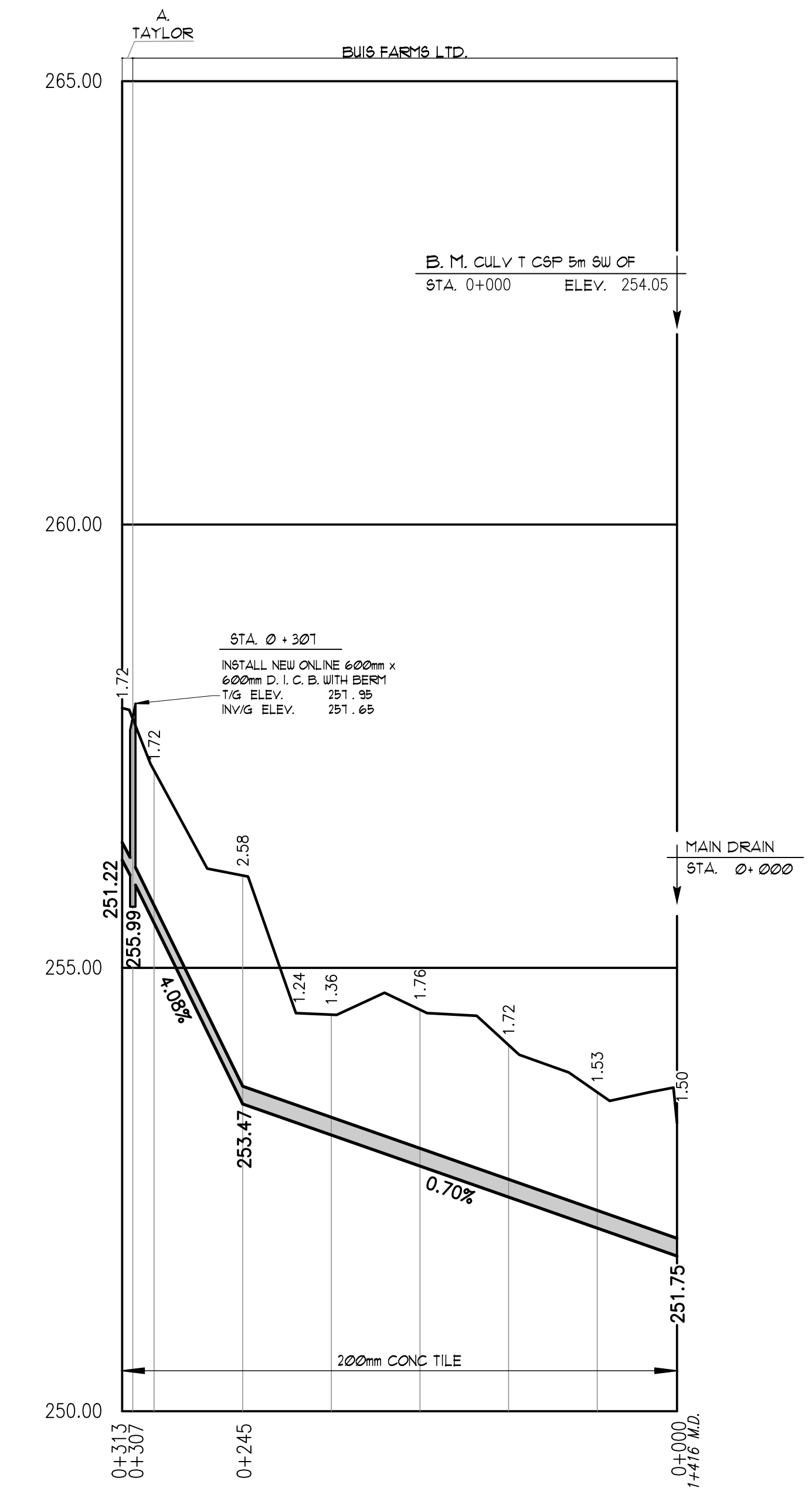
B.E. WIDNER
100213628
PROFESSIONAL ENGINEER
PROVINCE OF ONTARIO



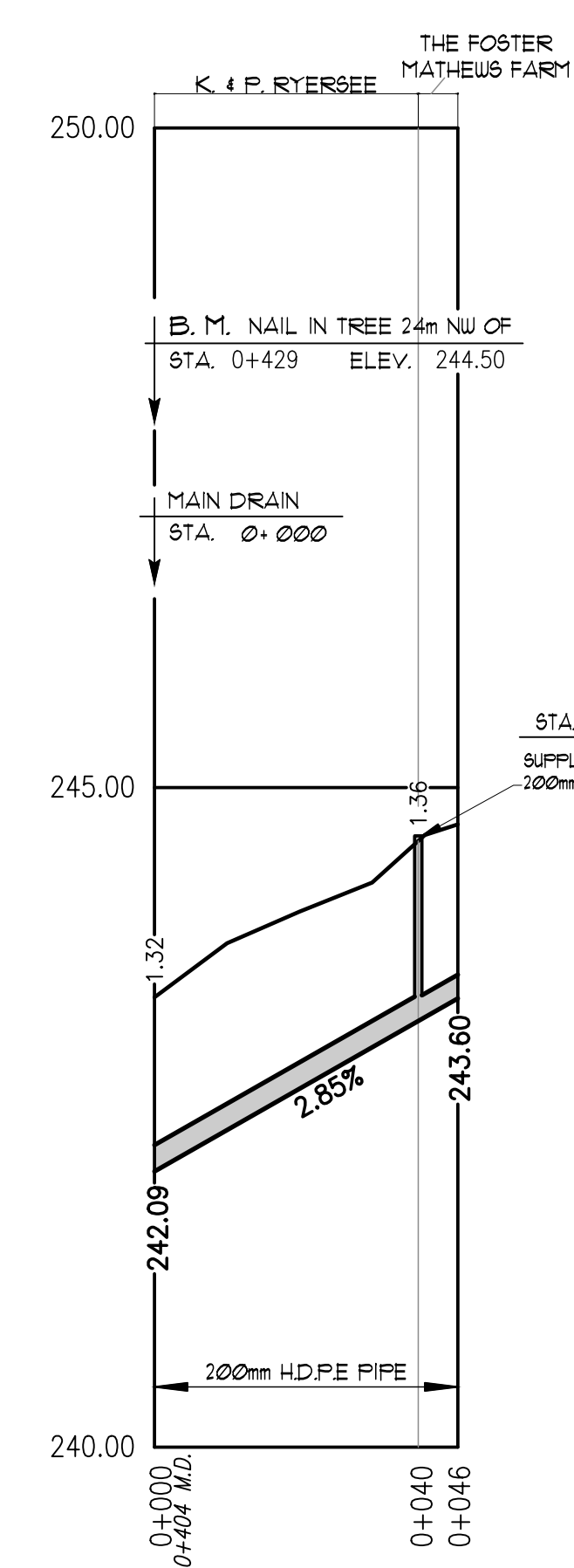
MAIN DRAIN
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VERT. 1:50



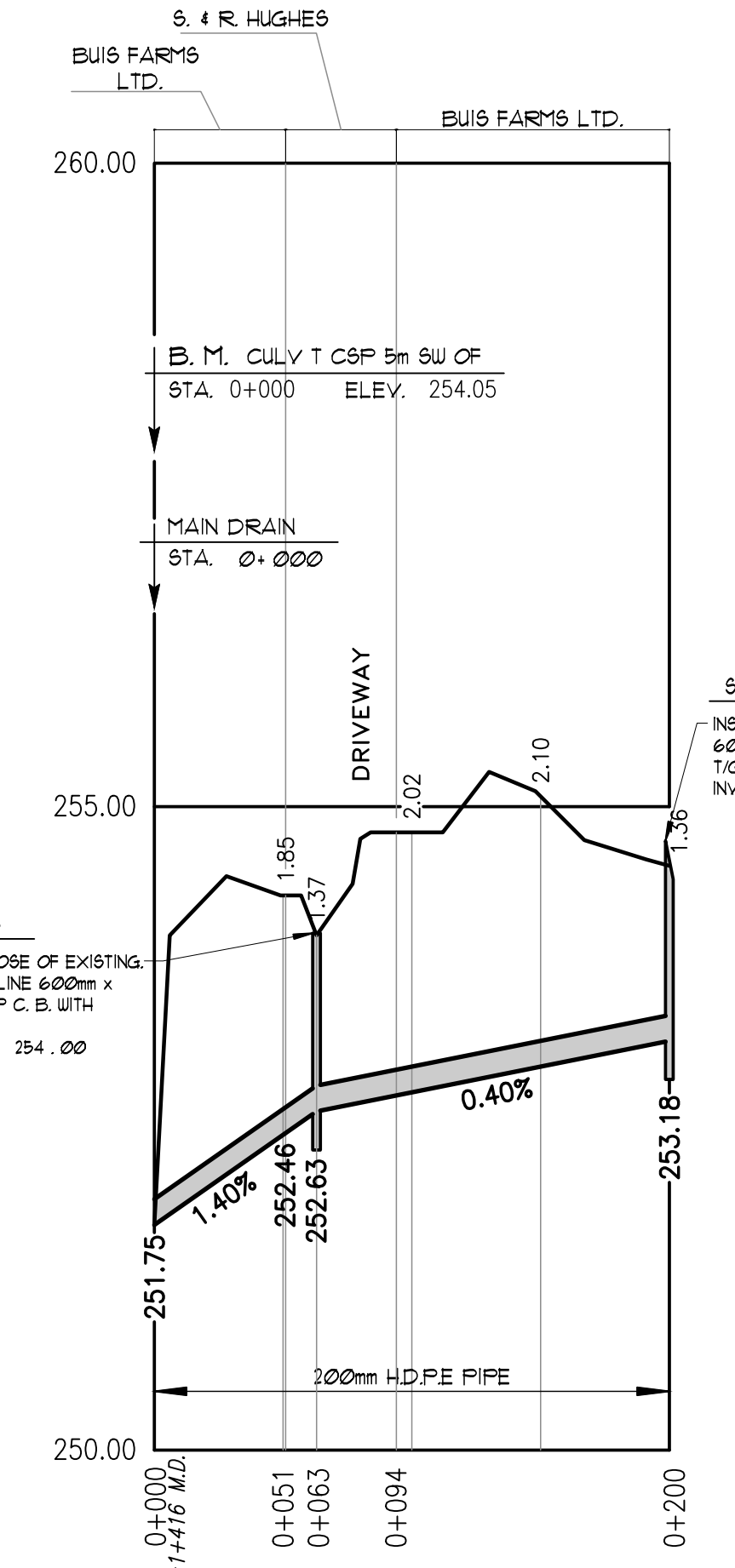
DAVIS BRANCH
SCALE: HOR. 1:1,000
VERT. 1:50



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



FOSTER BRANCH
SCALE: HOR. 1:1,000
VERT. 1:50



HUGHES-BUIS BRANCH
SCALE: HOR. 1:2,500
VERT. 1:50

POWERS DRAIN No. 1
Municipality of Central Elgin

Drainage Superintendent: SEAN WATERMAN
519-633-4860

No.	REVISIONS	DATE

Drawn By: AP 4 HB
Date: APR 17, 2026

Field Book: GFS
JOB No.: 226045
Drawing No.: 2 of 2

PROFILES

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LICENSED PROFESSIONAL ENGINEER
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