

GENERAL – CONSTRUCTION

- ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH TOWN OF COLLINGWOOD STANDARDS, OPSD AND OPSS. WHERE CONFLICT OCCURS, TOWN OF COLLINGWOOD STANDARD TO GOVERN.
- TRENCH BACKFILL TO OPSD 802.010 AND IS TO BE SELECT NATIVE MATERIAL AS APPROVED BY ENGINEER OR IMPORTED SELECT SUBGRADE TO OPSS 1010. BACKFILL TO BE PLACED IN MAXIMUM 200 mm THICK LIFTS AND COMPACTED TO 95% OF THE MATERIAL'S STANDARD PROCTOR MAXIMUM DRY DENSITY (SPMDD).
- PIPE BEDDING AND COVER TO OPSD 802.010 (FLEXIBLE PIPE), GRANULAR 'A' EMBEDMENT MATERIAL OR OTHER APPROVED HOMOGENEOUS GRANULAR MATERIAL.
- CLEAR STONE WRAPPED IN FILTER FABRIC CAN BE SUBSTITUTED FOR BEDDING MATERIAL IF APPROVED BY THE ENGINEER.
- ALL TOPSOIL AND EARTH EXCAVATION TO BE STOCKPILED OR REMOVED TO AN APPROVED SITE AS DIRECTED BY THE ENGINEER.
- THE OWNER'S ENGINEER SHALL PROVIDE BENCH MARK ELEVATIONS AND HORIZONTAL ALIGNMENT REFERENCE FOR THE CONTRACTOR. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE DETAILED LAYOUT OF THE WORK.
- ALL PROPERTY BARS TO BE PRESERVED AND REPLACED BY O.L.S. AT CONTRACTOR'S EXPENSE IF REMOVED DURING CONSTRUCTION.
- THE CONTRACTOR SHALL MAKE HIS OWN ARRANGEMENTS FOR THE SUPPLY OF TEMPORARY WATER AND POWER.
- DEWATERING TO BE CARRIED OUT IN ACCORDANCE WITH OPSS 517 AND 518 TO MAINTAIN ALL TRENCHES IN A DRY CONDITION. CONTRACTOR RESPONSIBLE FOR OBTAINING M.O.E. PERMIT IF REQUIRED.
- ALL ENGINE DRIVEN PUMPS TO BE ADEQUATELY SILENCED, SUITABLE FOR OPERATION IN A RESIDENTIAL DISTRICT.
- DISTURBED AREAS TO BE REINSTATED TO PREVIOUS CONDITION OR BETTER.
- THE CONTRACTOR IS RESPONSIBLE FOR PRESERVATION OF ALL EXISTING FACILITIES. CONTRACTOR TO NOTIFY ALL UTILITY COMPANIES PRIOR TO COMMENCING WORK AND COORDINATE CONSTRUCTION ACCORDINGLY.
- PIPE PROTECTION DURING CONSTRUCTION TO OPSD 808.010.
- TRENCHES FOR UTILITIES TO BE MINIMUM 600 mm WIDE BACKFILLED WITH APPROVED NATIVE GRANULAR MATERIAL OR IMPORTED SELECT SUBGRADE AND COMPACTED TO THE SATISFACTION OF HYDRO ONE AND THE ENGINEER. MINIMUM COVER OF 900 mm.
- ANY SIGNAGE TO COMPLY WITH THE TOWN OF COLLINGWOOD SIGN BY-LAW.

STORM SEWER

- CB TO OPSD 705.010.
- CONCRETE HEADWALL TO OPSD 804.030.
- CB TO BE SUPPLIED WITH A 600mm DEEP SUMP.
- PIPE SUPPORT AT ALL STRUCTURES TO OPSD 708.020.
- FRAMES AND GRATES TO OPSD 400.020.
- BEDDING AND COVER MATERIAL TO BE GRANULAR 'A' COMPACTED TO MIN. 95% OF THE MATERIAL'S SPMDD IN LIFTS OF 150mm MAXIMUM. IF HEAVY GROUNDWATER ENCOUNTERED USE 19mm# CLEAR STONE WRAPPED IN FILTER CLOTH AS DIRECTED BY THE CONTRACT ADMINISTRATOR.
- TESTING OF STORM SEWERS SHALL INCLUDE:
 - FLUSHING AND CLEANING;
 - CCTV VIDEO INSPECTION;
 - DEFLECTION TESTING.
 ALL AS PER OPSS.MUNI 409 AND 410. FLUSHING, CLEANING AND CCTV VIDEO INSPECTIONS SHALL BE COMPLETED UPON COMPLETION OF THE WORK AND AT THE END OF THE MAINTENANCE PERIOD. TWO COPIES OF THE VIDEO INSPECTIONS SHALL BE PROVIDED TO THE CONTRACT ADMINISTRATOR FOR REVIEW AND APPROVAL.

SANITARY SEWER SERVICE

- SERVICE CONNECTIONS TO BE 150 mm DIAMETER, TERMINATED 1.0m FROM BUILDING FACE AND MARK WITH 2x4 PAINTED GREEN.
- SERVICE CONNECTIONS TO OPSD 1006.020, GRANULAR 'A' BEDDING AND EMBEDMENT.
- GENERAL INSTALLATION AND TESTING OF SEWERS AND APPURTENANCES TO BE IN ACCORDANCE WITH OPSS 407, 408, 409 (CCTV), 410 AND 421 WITH ALL SPECIFICATIONS REFERENCED WITHIN THESE SECTIONS.

WATER SERVICE

- SERVICE CONNECTION TO OPSD 1104.010, 100mm GRANULAR 'A' EMBEDMENT AND COVER OVER PIPE.
- MINIMUM COVER ON SERVICES TO BE 1.7 m.
- THRUST PROTECTION TO BE PROVIDED BY THE USE OF THRUST BLOCKS AND RESTRAINING GLANDS AS IF EACH ARE INDEPENDENT OF ONE ANOTHER. THRUST BLOCKS TO OPSD 1103.010 AND OPSD 1103.020 WHERE SUITABLE SOILS ARE ENCOUNTERED. RESTRAINT SYSTEM TO BE INSTALLED IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATIONS.
- CONTRACTOR SHALL PROVIDE CATHODIC PROTECTION ON THE WATER DISTRIBUTION SYSTEM. IN DETERMINING THE MODE OF PROTECTION, AN ELECTRICAL RESISTIVITY OF 3500 OHM-CM SHOULD BE USED. HOWEVER TO BE CONFIRMED BY TESTING SOIL IN WATERMAIN TRENCH AT TIME OF CONSTRUCTION. THE CONTRACTOR SHALL PROPOSE THE METHODS AND MATERIALS TO BE USED FOR APPROVAL BY THE ENGINEER AND TOWN OF COLLINGWOOD ENVIRONMENTAL SERVICES DEPARTMENT.
- ALL TOWN WATERMANS AND SERVICES ARE TO BE CONSTRUCTED IN ACCORDANCE WITH THE TOWN'S DEVELOPMENT STANDARDS. THAT IS DUCTILE IRON WATERMANS AND COPPER SERVICES. CONTRACTOR TO CONFIRM WITH TOWN'S ENVIRONMENTAL SERVICES DEPARTMENT THE WATERMAIN PIPE MATERIAL PRIOR TO CONSTRUCTION. ALL WATERMAIN AND WATER SERVICE OBVERTS SHALL BE INSTALLED AT MINIMUM DEPTH OF 1.7m.
- ALL GATE VALVES, BENDS AND FITTINGS TO BE CONNECTED WITH RESTRAINING GLANDS (REGARDLESS IF THRUST PROTECTION IS REQUIRED).
- WATER SERVICES SHALL BE CONSTRUCTED IN ACCORDANCE WITH THE TOWN OF COLLINGWOOD WATER DEPARTMENT STANDARDS AND SHALL CONFORM TO NFP24.
- GENERAL INSTALLATION AND TESTING OF WATERMAIN TO BE IN ACCORDANCE WITH OPSS.MUNI 441 AND TOWN STANDARDS.
 - ALL WATERMANS ARE TO BE SWABBED BY THE CONTRACTOR.
 - ALL WATERMANS ARE TO BE PRESSURE TESTED BY THE CONTRACTOR, WITH A COPY OF THE PRESSURE TEST REPORT SENT TO THE TOWN OF COLLINGWOOD WATER DEPARTMENT.
 - ALL WATERMAIN DISINFECTION WILL BE CONDUCTED BY THE DEVELOPER IN ACCORDANCE WITH THE MECP WATERMAIN DISINFECTION PROCEDURE, AT THE DEVELOPER'S COST TO THE SATISFACTION OF THE TOWN. THE TOWN SHALL COLLECT THE REQUIRED MICROBIOLOGICAL WATER QUALITY SAMPLES, AT THE DEVELOPER'S COST, PRIOR TO PLACING THE WATERMAIN INTO SERVICE.
 - WATERMANS ARE NOT TO BE CONNECTED TO THE EXISTING WATERMAIN UNTIL BACTERIOLOGICAL TESTING HAS BEEN SUCCESSFULLY PASSED AND AUTHORIZED BY ENGINEER AND APPROVED BY THE TOWN.
 - ALL CONNECTIONS TO THE TOWN WATER SYSTEM ARE TO BE INSTALLED BY THE TOWN OF COLLINGWOOD WATER DEPARTMENT BY LIVE TAP, AT THE DEVELOPER'S EXPENSE.
 - ALL WATERMAIN TESTING AND COMMISSIONING SHALL BE COMPLETED BY A QUALIFIED CONTRACTOR. A WATER COMMISSIONING PLAN SHOULD BE SUBMITTED TO THE TOWN A MINIMUM OF 2 WEEKS PRIOR TO COMMENCING ANY TESTING FOR REVIEW AND APPROVAL.
 - TOWN OF COLLINGWOOD WATER DEPARTMENT TO RECEIVE AT LEAST 48 HOURS NOTICE OF TESTING, FLUSHING, CHLORINATION, ETC. OF THE WATERMANS.
- FOLLOWING TESTING, CONTRACTOR SHALL OPERATE WATER SERVICE TO VERIFY FULL FLOW AND PRESSURE AT THE CURB STOP TO THE SATISFACTION OF THE ENGINEER. NO WATER VALVES SHALL BE OPERATED WITHOUT THE APPROVAL OF THE TOWN OF COLLINGWOOD WATER DEPARTMENT.
- THE PROPERTY SHALL HAVE ONE SERVICE AND ONE METER (FIRE SERVICE IS NOT NEEDED).
- BACKFLOW PREVENTION DEVICE PER CSA B64.10-11/B64.10.1-11, OBC AND THE TOWN'S BACKFLOW PREVENTION BYLAW 2017-056 TO BE PROVIDED INTERNAL TO THE BUILDING. IT IS A REQUIREMENT THAT THE DEVICE BE TESTED AND CERTIFIED ANNUALLY AT OWNERS EXPENSE.

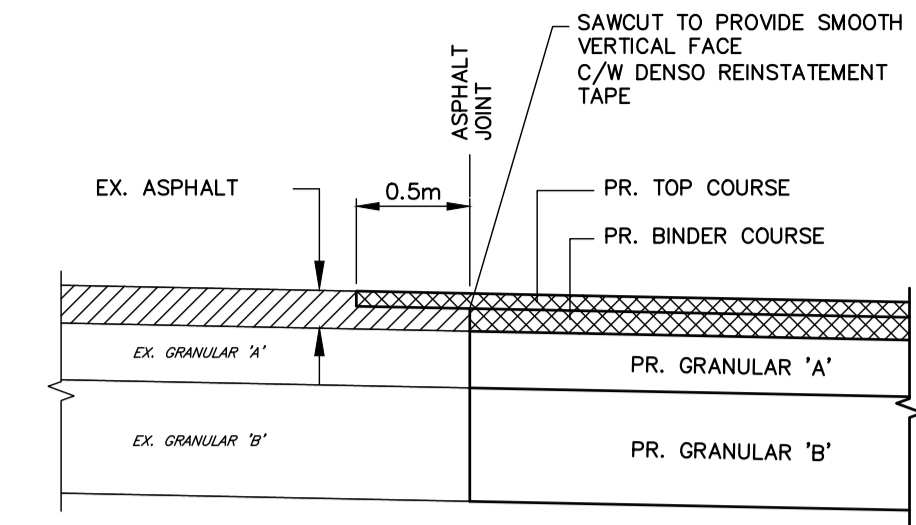
ROADWAY AND PARKING

- PARKING LOT TO BE CONSTRUCTED BASED ON TABLE 7 RECOMMENDED PAVEMENT STRUCTURE FROM REPORT FOR 135 SANDFORD FLEMING DRIVE IN COLLINGWOOD, ONTARIO, CONDUCTED BY CAMBIUM INC. SEE TABLE ON SHEET.
- SUBGRADE MATERIAL TO BE COMPACTED TO A MINIMUM DRY DENSITY OF 95% OF THE MATERIAL'S STANDARD PROCTOR MAXIMUM DRY DENSITY (SPMDD). SUBGRADE TO BE PROOF ROLLED, INSPECTED AND CERTIFIED BY A GEOTECHNICAL ENGINEER PRIOR TO PLACING GRANULAR 'B'.
- GENERAL AGGREGATES TO OPSS.MUNI 1001 AND OPSS.MUNI 1010.
- GRANULAR 'A' AND 'B' BASE TO BE COMPACTED TO 100% OF THE MATERIAL'S RESPECTIVE SPMDD.
- ALL GRANULARS AND ASPHALT MATERIALS AND PLACEMENT TO BE IN ACCORDANCE WITH OPSS.MUNI 310, OPSS.PROV 313 AND OPSS.MUNI 314.
- JOINTS WITH EXISTING ASPHALT TO BE SAW CUT STRAIGHT AS DIRECTED BY ENGINEER PRIOR TO PLACING NEW ASPHALT AND TACK COAT APPLIED TO EXISTING ASPHALT. WHERE EXISTING ASPHALT IS THICKER THAN 75 mm, A 500 mm WIDE BY 40 mm DEEP LAP JOINT SHALL BE GROUND INTO EXISTING ASPHALT, OTHERWISE A BUTT JOINT SHALL BE USED.
- TACK COAT TO BE APPLIED TO ENTIRE SURFACE OF BASE COURSE ASPHALT AT THE TIME OF PLACEMENT OF SURFACE COURSE ASPHALT. APPLICATION RATE SHALL BE 0.35 kg/m².
- ASPHALT TO BE COMPACTED TO A MINIMUM OF 92% OF THE MATERIAL'S MAXIMUM RELATIVE DENSITY.

- SIDEWALKS TO OPSD 310.010, OPSD 310.030 AND OPSS 351. SUBBASE TO CONSIST OF 150mm GRANULAR 'A'.
- SIDEWALKS AND CONCRETE PADS ADJACENT TO BUILDING ENTRANCES SHALL BE CONSTRUCTED ON 150 mm GRANULAR 'A' AND 125 mm GRANULAR 'B'.
- REINSTATEMENT OF DISTURBED LANDSCAPED AREAS TO INCLUDE A MINIMUM OF 150 mm OF SCREENED TOPSOIL AND NO. 1 NURSERY SOD IN ACCORDANCE WITH OPSS 802 AND OPSS.MUNI 803.
- CONCRETE CURB AND GUTTER TO OPSD 600.110 AND OPSS 353.
- FIRE ROUTE AND ALL SIGNAGE TO COMPLY WITH THE TOWN OF COLLINGWOOD FIRE ROUTE BY-LAW No. 96-23.

MATERIALS

- STORM SEWER – HDPE OPEN PROFILE BELL & SPIGOT (BOSS 2000 AND MIN. PIPE STIFFNESS = 320 kPa).
- GRADE ADJUSTMENT RINGS – HIGH DENSITY POLYETHYLENE (HDPE) TO OPSD 704.011.
- SANITARY SERVICES – SDR 28 PVC – 150 mm COLOUR GREEN.
- WATER SERVICE – 75mm DIAMETER TYPE "K" SOFT COPPER PIPE
- FIRE SERVICE – 150mm DIAMETER DUCTILE IRON.
- WATER METER – PROVIDED AND INSTALLED BY THE TOWN OF COLLINGWOOD.
- TERMINAL BACKWATER VALVE – 180G06 BY GALAXY PLASTICS OR APPROVED EQUAL.
- HYDRANT – CANADA VALVE, CENTURY No.1 OPEN LEFT WITH 2 CSA HOSE PORTS, ONE STORZ 4" PUMPER PORT AND A BREAK AWAY TYPE 6" MJ BASE
- INSULATION: STYROFOAM HI-60 50mm THICK SHEETS.
- ALL SPECIFIED AGGREGATES TO OPSD 1010.
- REFER TO LANDSCAPE PLANS FOR PLANTING DETAILS.



TYPICAL DETAIL FOR LAP JOINT
NTS

RECOMMENDED PAVEMENT STRUCTURE*

| PAVEMENT LAYER | LIGHT DUTY | HEAVY DUTY |
|------------------------|------------------------|------------------------|
| SURFACE COURSE ASPHALT | 40mm HL3 or HL4 | 40mm HL3 or HL4 |
| BINDER COURSE ASPHALT | 50mm HL8 | 90mm HL8 |
| GRANULAR BASE | 150mm OPSS 1010 GRAN A | 200mm OPSS 1010 GRAN A |
| GRANULAR SUBBASE | 300mm OPSS 1010 GRAN B | 400mm OPSS 1010 GRAN B |

*TABLE 7, GEOTECHNICAL INVESTIGATION REPORT 135 SANDFORD FLEMING DRIVE, COLLINGWOOD, ONTARIO. DATED SEPT 6, 2018. CAMBIUM INC.

DISCLAIMER AND COPYRIGHT

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TATHAM ENGINEERING LIMITED CLAIMS COPYRIGHT TO THIS DRAWING WHICH MAY NOT BE USED FOR ANY PURPOSE OTHER THAN THAT PROVIDED IN THE CONTRACT BETWEEN THE OWNER/CLIENT AND THE ENGINEER WITHOUT THE EXPRESS CONSENT OF TATHAM ENGINEERING LIMITED.

BENCHMARKS

TBM1 – ELEVATION = 186.75
ELEVATIONS HEREON ARE GEODETIC AND REFER TO THE NAIL & WASHER IN HYDRO POLE ON EAST SIDE OF SANFORD FLEMING DRIVE AND SOUTH WEST CORNER OF SITE.

TBM2 – ELEVATION = 186.03
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NOTES

LEGAL SURVEY INFORMATION AND LOT DIMENSIONS SHOWN ON THIS PLAN ARE TAKEN FROM A SURVEY PLAN PREPARED BY ZUBEK, EMO, PATTEN & THOMSEN LTD. DATED SEPT 23, 2002 WHICH MAY NOT BE FINAL AND ARE NOT GUARANTEED. THE FINAL REGISTERED PLAN OF SUBDIVISION SHALL BE REFERRED TO FOR CONFIRMATION OF THE DATA.

| No. | REVISION DESCRIPTION | DATE |
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| 1. | SUBMISSION FOR SITE PLAN APPROVAL | JUNE 2024 |
| 2. | RE-ISSUED FOR SPA #2 | SEPT 2024 |
| 3. | RE-ISSUED FOR SITE PLAN APPROVAL | DEC 2024 |

ENGINEER STAMP



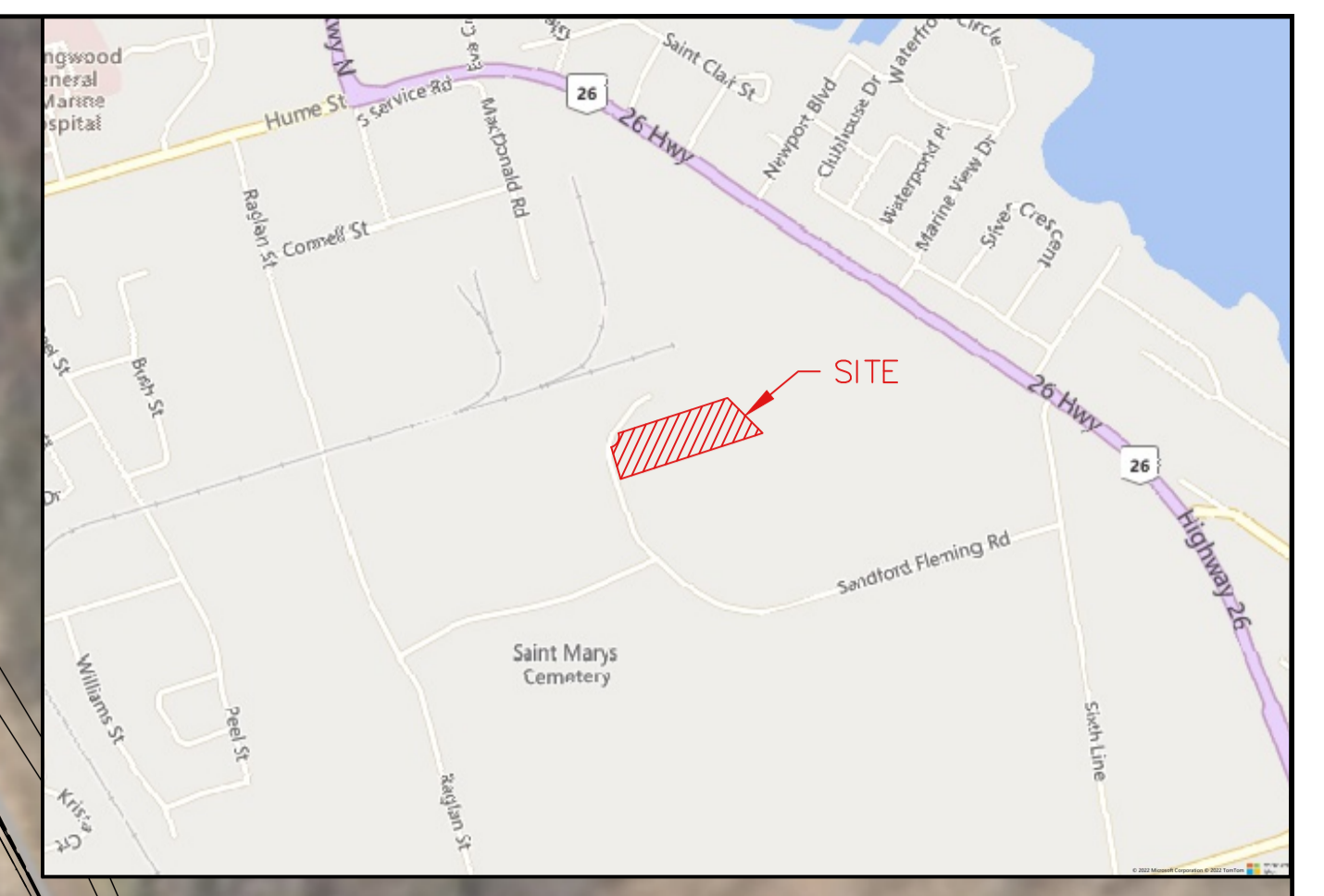
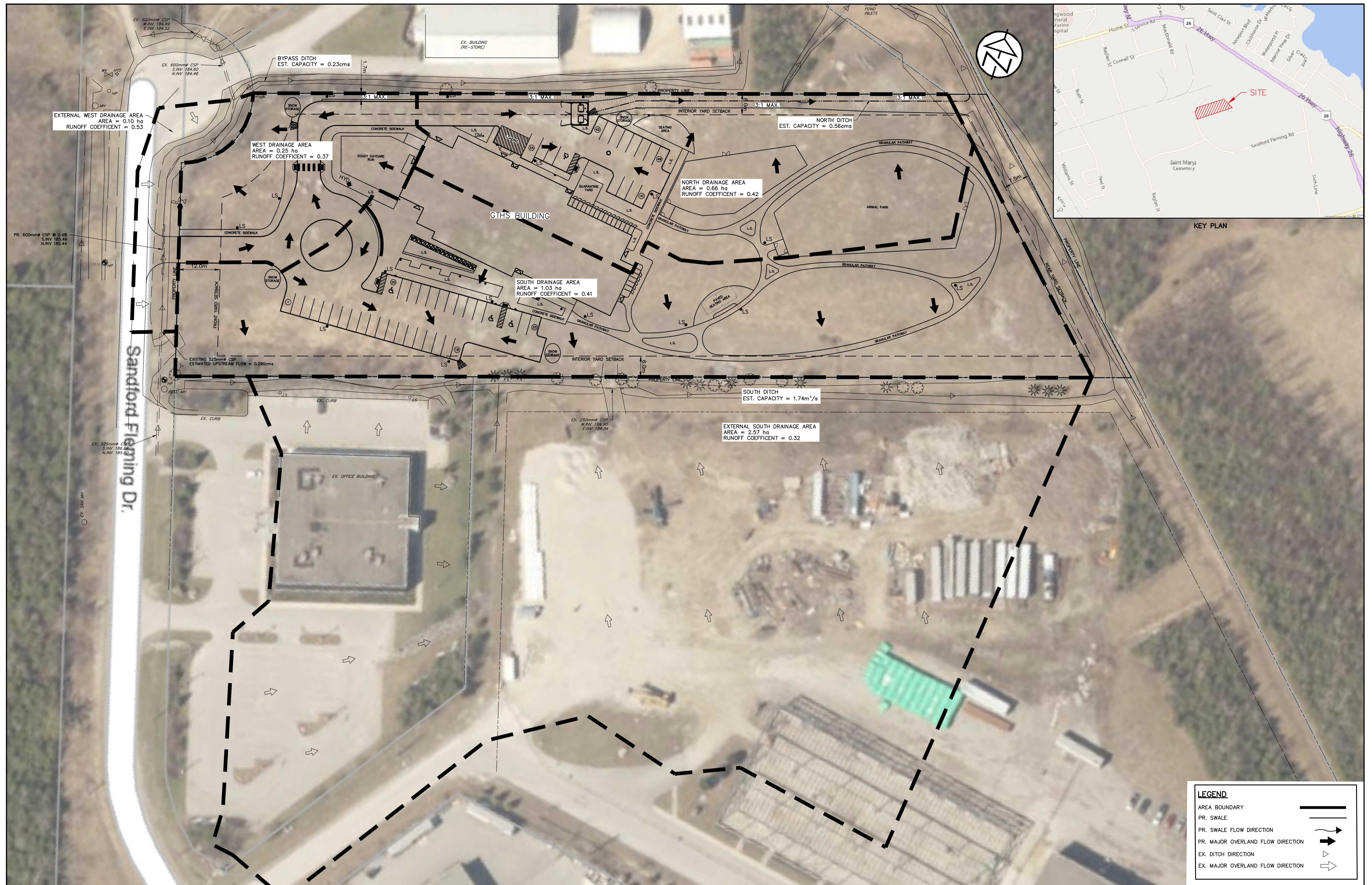
TOWN APPROVAL

**GEORGIAN TRIANGLE
HUMANE SOCIETY
TOWN OF COLLINGWOOD**



DETAILS & NOTES

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KEY PLAN

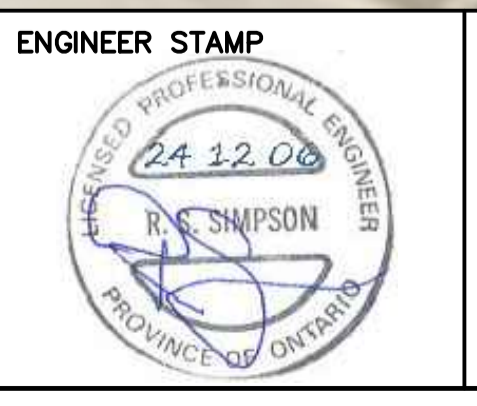
| LEGEND | |
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| AREA BOUNDARY | |
| PR. SWALE | |
| PR. SWALE FLOW DIRECTION | |
| PR. MAJOR OVERLAND FLOW DIRECTION | |
| EX. DITCH DIRECTION | |
| EX. MAJOR OVERLAND FLOW DIRECTION | |

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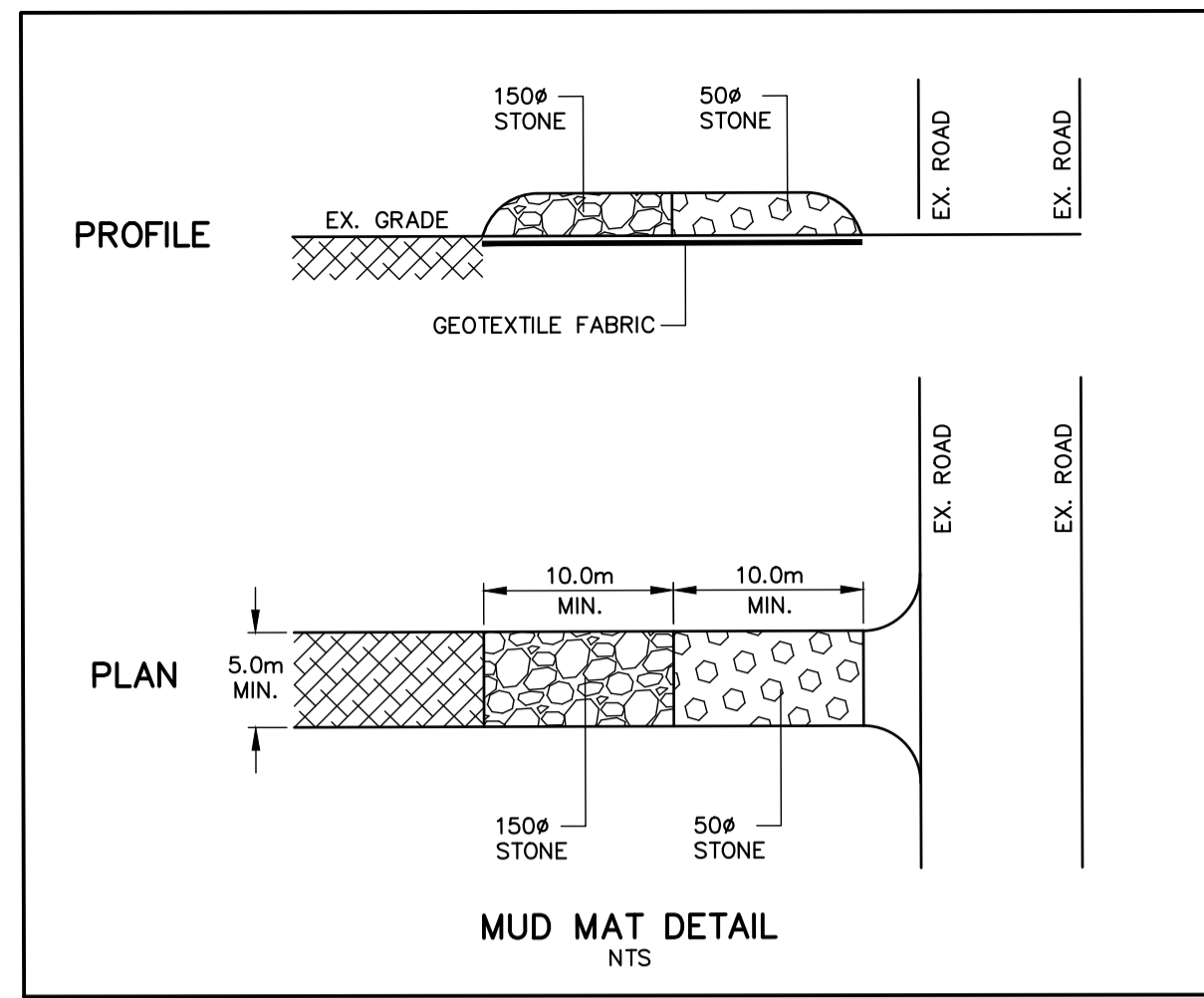
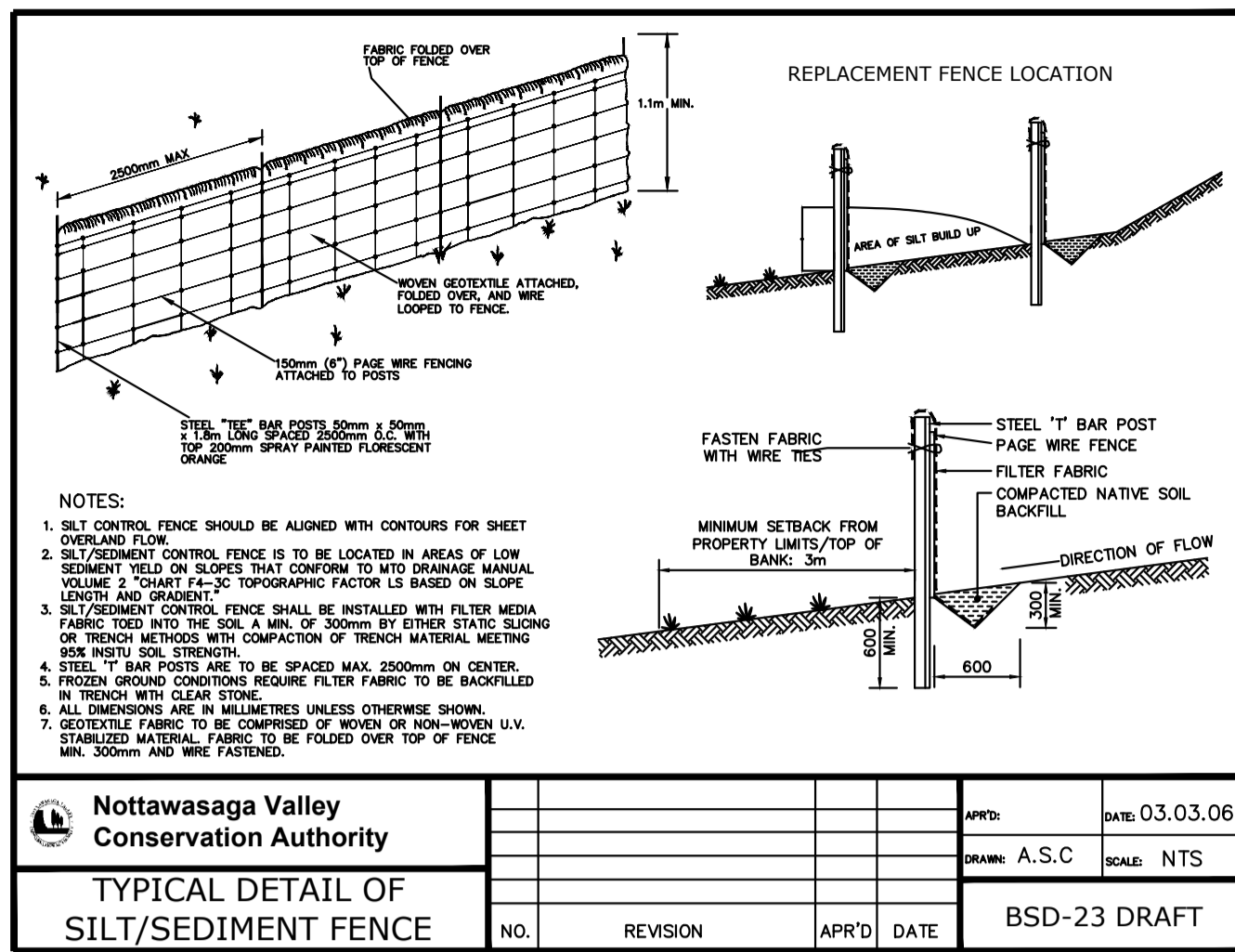
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TOWN APPROVAL

**GEORGIAN TRIANGLE
 HUMANE SOCIETY
 TOWN OF COLLINGWOOD**
**POST-DEVELOPMENT DRAINAGE
 PLAN**

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STONE SIZE: THE STONE PAD SHALL BE A MIN. 450 mm THICK. USE 50# mm STONE OR RECLAIMED CONCRETE EQUIVALENT FOR FIRST 10 m FROM ADJACENT ROAD & 150 mm# STONE FOR REMAINDER OF STONE PAD.

LENGTH: AS REQUIRED BUT NOT LESS THAN 20 m.

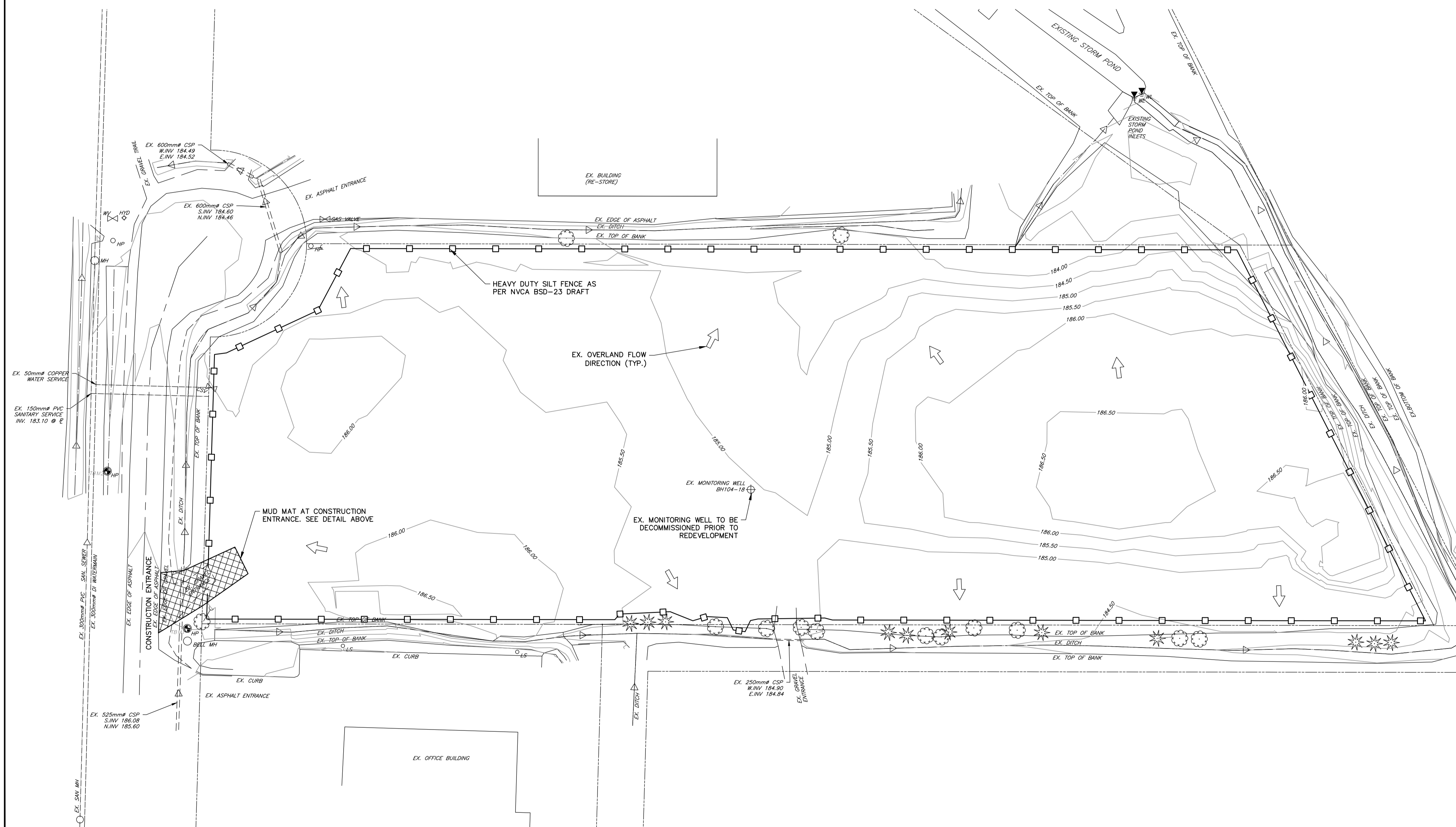
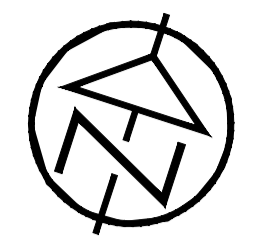
WIDTH: 5.0 m MIN. BUT NOT LESS THAN THE WIDTH AT POINTS WHERE INGRESS AND EGRESS OCCURS.

GEOTEXTILE FABRIC: TERRAFIX 270R OR APPROVED EQUAL TO BE PLACED OVER THE ENTIRE AREA PRIOR TO PLACING STONE.

SURFACE WATER: ALL SURFACE WATER FLOWING OR DIRECTED TOWARD CONSTRUCTION ACCESS SHALL BE PIPED ACROSS THE ACCESS.

MAINTENANCE: THE CONTRACTOR SHALL MAINTAIN THE ACCESS IN A CONDITION WHICH WILL PREVENT TRACKING OR FLOWING OF SEDIMENT ONTO PUBLIC RIGHT-OF-WAY. THIS MAY REQUIRE PERIODIC DRESSING WITH ADDITIONAL STONE AS CONDITIONS DEMAND AND REPAIR AND/OR CLEANOUT OF ANY MEASURES USED TO TRAP SEDIMENT. ALL SEDIMENT SPILLED, DROPPED, WASHED OR TRACKED ONTO PUBLIC RIGHT-OF-WAY MUST BE REMOVED IMMEDIATELY BY THE CONTRACTOR. UPON OBSERVATION OF CONTINUOUS MUD TRACKING ONTO ADJACENT STREETS, THE STONE MAT IS TO BE FULLY REPLACED. INSPECTION AND REQUIRED MAINTENANCE AFTER EACH RAIN EVENT SHALL BE PROVIDED BY THE CONTRACTOR.

WASHING: WHEELS SHALL BE CLEANED TO REMOVE SEDIMENT PRIOR TO ENTRANCE ONTO PUBLIC RIGHT-OF-WAY. WHEN WASHING IS REQUIRED, IT SHALL BE DONE ON AN AREA STABILIZED WITH STONE AND WHICH DRAINS INTO AN APPROVED SEDIMENT TRAPPING DEVICE.



- SILTATION & EROSION CONTROL:**
- ALL SEDIMENT AND EROSION CONTROL MEASURES SHALL BE INSTALLED PRIOR TO THE COMMENCEMENT OF CONSTRUCTION AND SHALL REMAIN IN PLACE UNTIL ALL DISTURBED AREAS HAVE BEEN STABILIZED. SEDIMENT AND EROSION CONTROL MEASURES THAT ARE DESIGNED TO CONTROL RUNOFF FROM SPECIFIC AREAS MUST BE INSTALLED PRIOR TO ANY DISTURBANCE OF THAT PART OF THE SITE. THE LOCATION OF ALL SILTATION AND EROSION CONTROL WORKS TO BE REVIEWED ON SITE AND MAY BE REVISED AS DIRECTED BY THE ENGINEER.
 - THE CONTRACTOR MAY CONSIDER ALTERNATIVE SEDIMENT AND EROSION CONTROL MEASURES. SUCH MEASURES MUST BE PRESENTED IN WRITING TO THE ENGINEER FOR APPROVAL FROM THE TOWN OF COLLINGWOOD.
 - THE CONTRACTOR SHALL HAVE MATERIALS AVAILABLE ON-SITE TO REPAIR SEDIMENT AND EROSION CONTROL MEASURES IN THE EVENT OF UNFORESEEN CONDITIONS: HIGH WATER, EXTREME RAINFALL EVENTS, ETC.
 - ALL EROSION AND SEDIMENT CONTROL MEASURES MUST BE INSPECTED, CLEANED AND MAINTAINED BY THE CONTRACTOR AFTER EACH STORM EVENT. ALL WORKS WILL BE INSPECTED BY THE ENGINEER BI-WEEKLY AND AFTER EACH MAJOR STORM EVENT.
 - CONSTRUCTION OF ALL SILTATION AND EROSION CONTROL WORKS ARE TO BE IN ACCORDANCE WITH THE FOLLOWING STEPS:
 - INSTALL STONE MUD MAT AS PER DETAIL.
 - INSTALL SILT FENCE IN ACCORDANCE WITH OPSD 219.021
 - INSTALL TEMPORARY STRAW BALE CHECK DAMS IN ACCORDANCE WITH OPSD 219.180.
 - ALL CONSTRUCTION VEHICLES TO ACCESS SITE USING THE DESIGNATED CONSTRUCTION ACCESS.
 - EROSION AND SEDIMENT CONTROL MEASURES TO BE REMOVED BY THE CONTRACTOR ONCE GROUND COVER IS ESTABLISHED AND LANDSCAPING IS COMPLETE AND AS APPROVED BY THE ENGINEER.
 - STOCKPILE LOCATIONS ARE TO BE APPROVED BY THE ENGINEER.
 - PROVIDE SNOW FENCE OR APPROVED EQUAL ACROSS ALL CONSTRUCTION ENTRANCES DURING PERIODS OF INACTIVITY.
 - CONSTRUCTION AREAS THAT EXCEED 30 DAYS OF INACTIVITY SHALL BE STABILIZED BY SEEDING AS DIRECTED BY THE TOWN. THIS IS TO INCLUDE STOCKPILES OF FILL AND TOPSOIL.

DISCLAIMER AND COPYRIGHT

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BENCHMARKS

TBM1 - ELEVATION = 186.75
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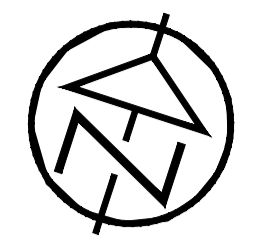


TOWN APPROVAL

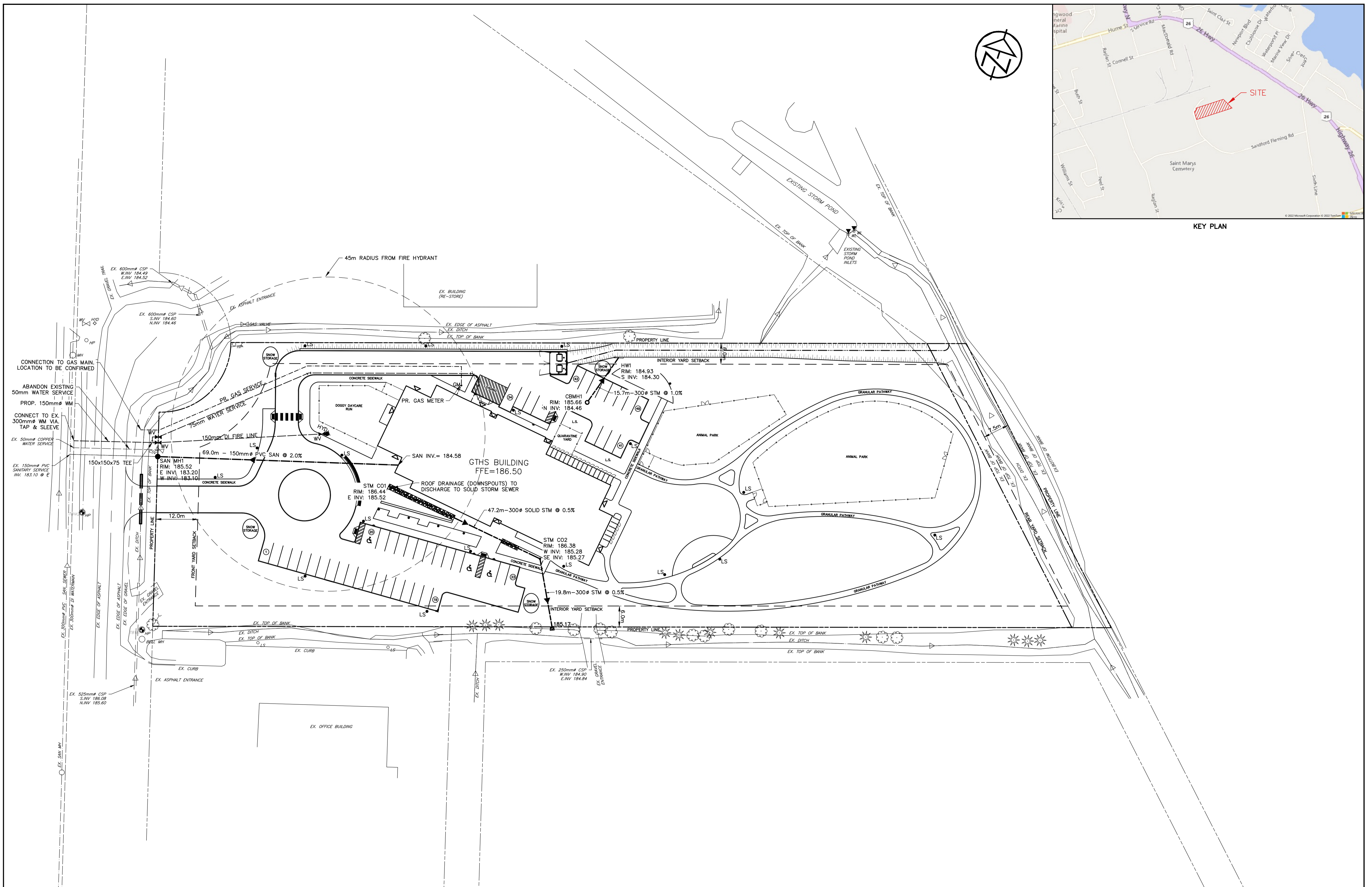
GEORGIAN TRIANGLE HUMANE SOCIETY TOWN OF COLLINGWOOD

EROSION & SEDIMENT CONTROL PLAN

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KEY PLAN

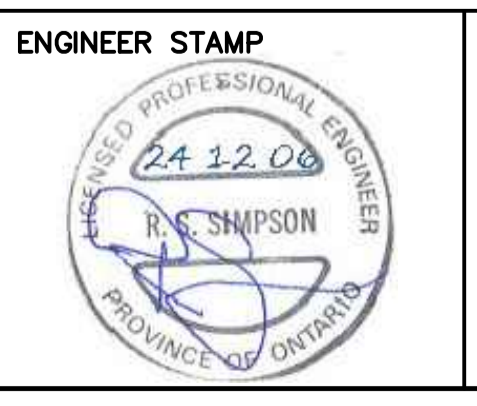


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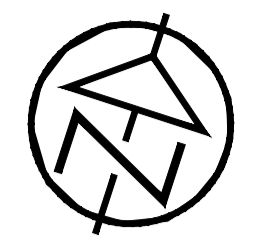
TOWN APPROVAL

**GEORGIAN TRIANGLE
 HUMANE SOCIETY
 TOWN OF COLLINGWOOD**

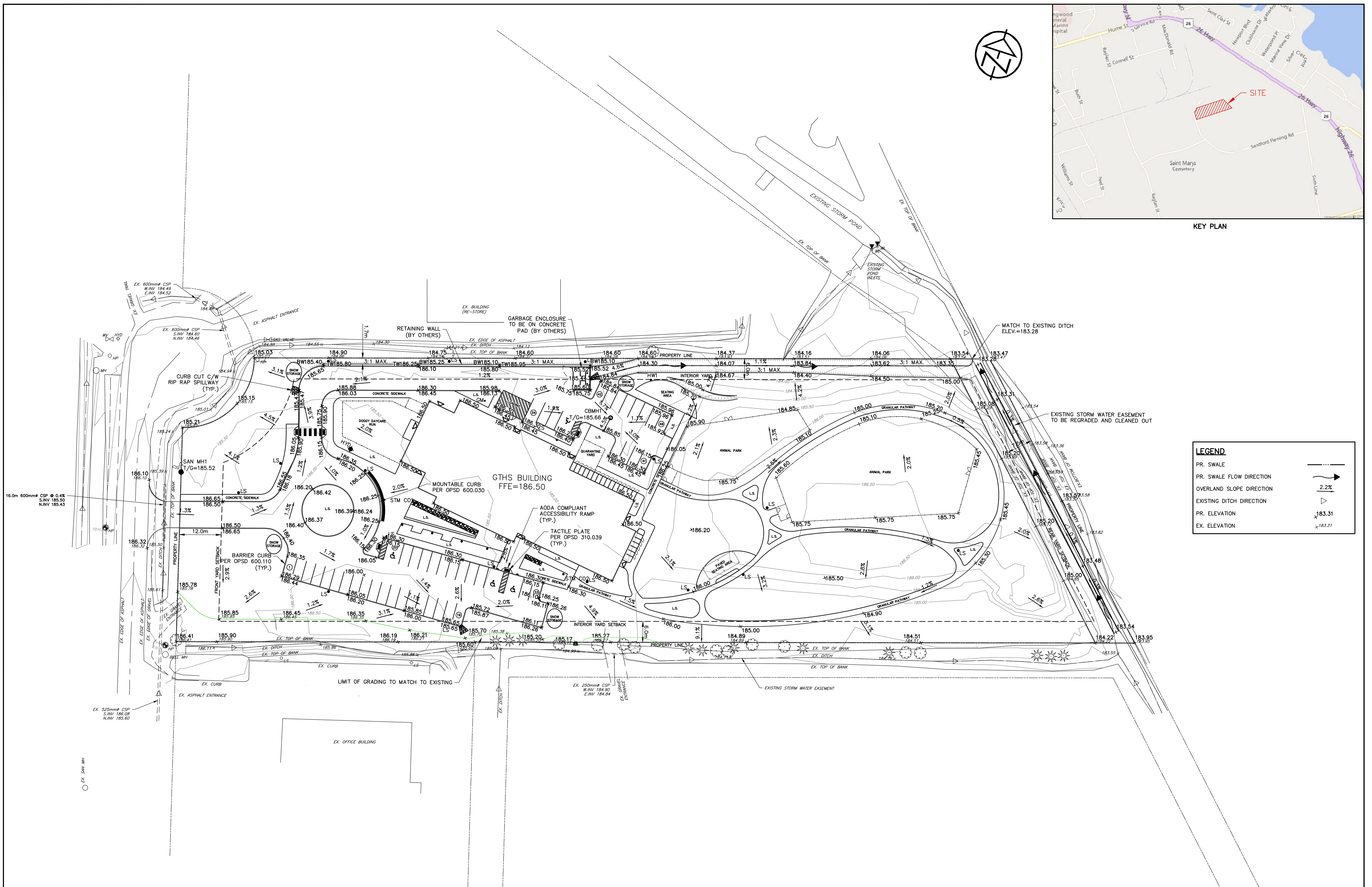
GENERAL SERVICING PLAN

TATHAM ENGINEERING

| | | |
|------------|----------------|-------------|
| DESIGN: AS | FILE: 122045 | DWG: |
| DRAWN: KH | DATE: APR 2022 | GS01 |
| CHECK: RS | SCALE: 1:500 | |



KEY PLAN



| LEGEND | |
|--------------------------|------------|
| PR. SWALE | ————— |
| PR. SWALE FLOW DIRECTION | —————> |
| OVERLAND SLOPE DIRECTION | ————— 2.2% |
| EXISTING DITCH DIRECTION | —————> |
| PR. ELEVATION | x 183.31 |
| EX. ELEVATION | ~ 183.31 |

DISCLAIMER AND COPYRIGHT
 CONTRACTOR MUST VERIFY ALL DIMENSIONS AND BE RESPONSIBLE FOR SAME. ANY DISCREPANCIES MUST BE REPORTED TO THE ENGINEER BEFORE COMMENCING WORK. DRAWINGS ARE NOT TO BE SCALED.
 TATHAM ENGINEERING LIMITED CLAIMS COPYRIGHT TO THIS DRAWING WHICH MAY NOT BE USED FOR ANY PURPOSE OTHER THAN THAT PROVIDED IN THE CONTRACT BETWEEN THE OWNER/CLIENT AND THE ENGINEER WITHOUT THE EXPRESS CONSENT OF TATHAM ENGINEERING LIMITED.

BENCHMARKS
 TBM1 - ELEVATION = 186.75
 ELEVATIONS HEREON ARE GEODETIC AND REFER TO THE NAIL & WASHER IN HYDRO POLE ON EAST SIDE OF SANFORD FLEMING DRIVE AND SOUTH WEST CORNER OF SITE.
 TBM2 - ELEVATION = 186.03
 ELEVATIONS HEREON ARE GEODETIC AND REFER TO THE NAIL & WASHER IN HYDRO POLE ON WEST SIDE OF SANFORD FLEMING DRIVE, ACROSS FROM SITE.

NOTES
 LEGAL SURVEY INFORMATION AND LOT DIMENSIONS SHOWN ON THIS PLAN ARE TAKEN FROM A SURVEY PLAN PREPARED BY ZUBEK, EMO, PATTEN & THOMSON LTD. DATED SEPT 23, 2002 WHICH MAY NOT BE FINAL AND ARE NOT GUARANTEED. THE FINAL REGISTERED PLAN OF SUBDIVISION SHALL BE REFERRED TO FOR CONFIRMATION OF THE DATA.

| No. | REVISION DESCRIPTION | DATE |
|-----|-----------------------------------|-----------|
| 1. | SUBMISSION FOR SITE PLAN APPROVAL | JUNE 2024 |
| 2. | RE-ISSUED FOR SPA #2 | SEPT 2024 |
| 3. | RE-ISSUED FOR SITE PLAN APPROVAL | DEC 2024 |



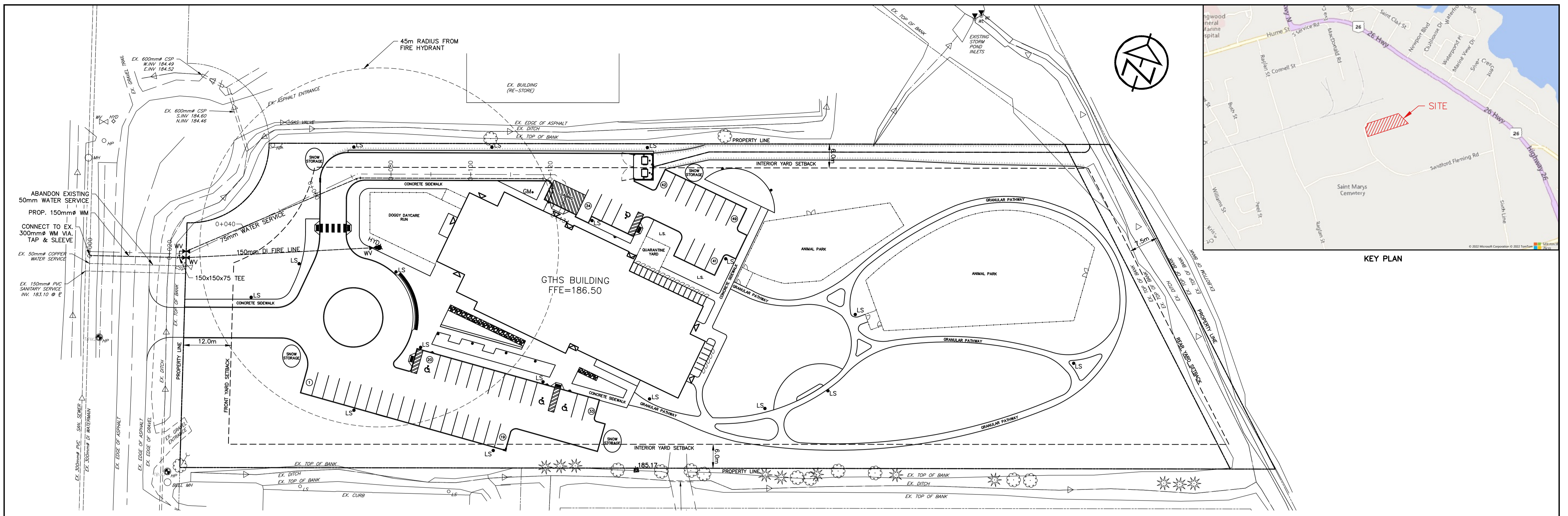
TOWN APPROVAL

**GEORGIAN TRIANGLE
 HUMANE SOCIETY
 TOWN OF COLLINGWOOD**

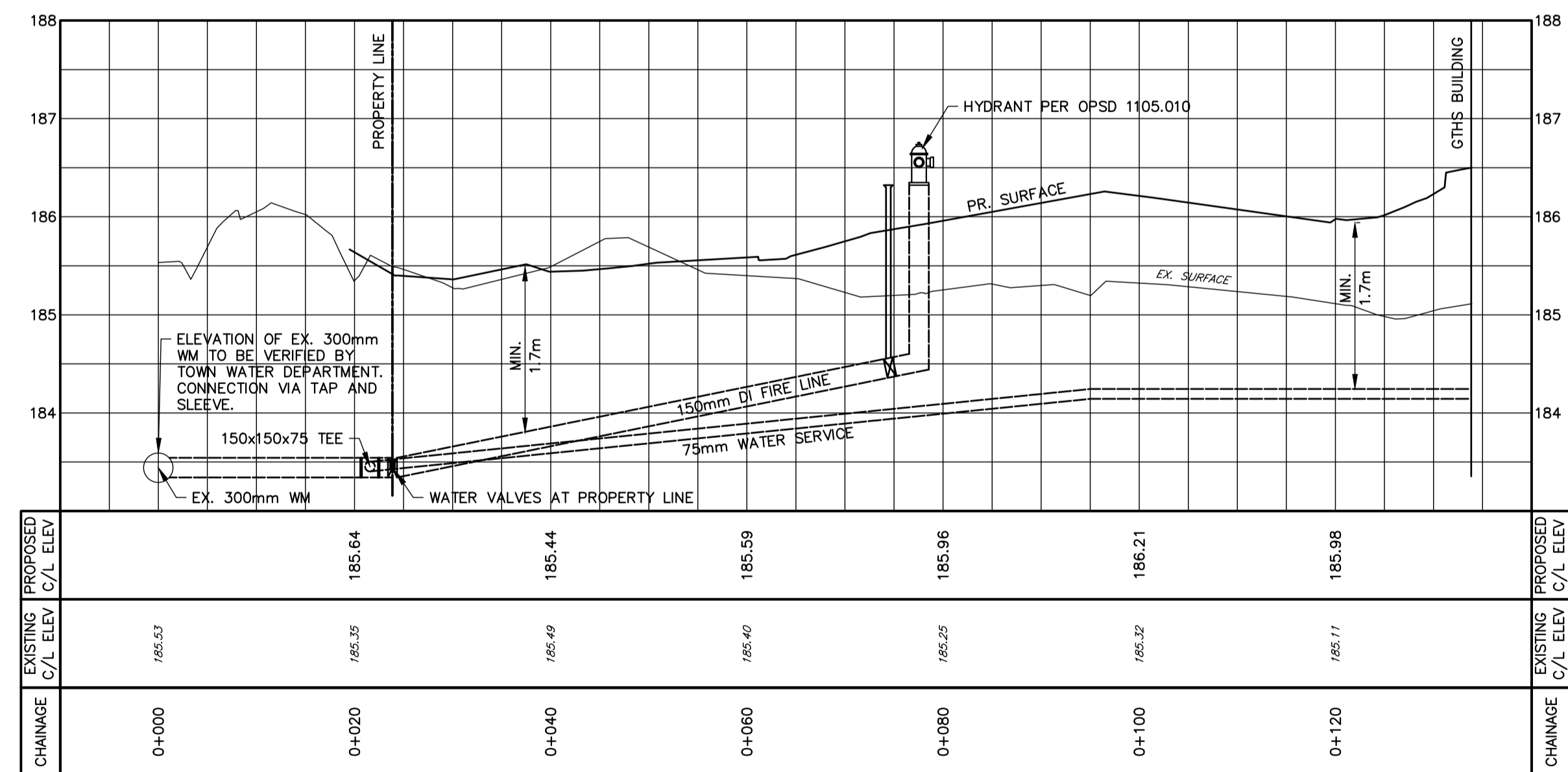
SITE GRADING PLAN

TATHAM ENGINEERING

| | | |
|------------|----------------|-------------|
| DESIGN: AS | FILE: 122045 | DWG: |
| DRAWN: KH | DATE: APR 2022 | SG01 |
| CHECK: RS | SCALE: 1:500 | |



KEY PLAN

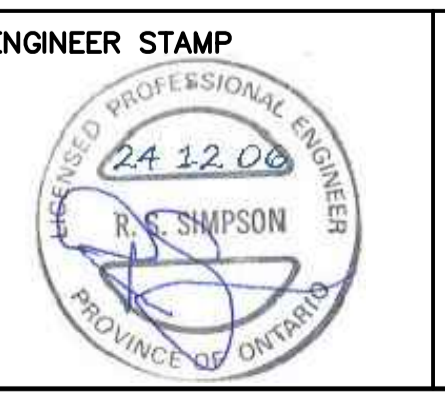


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BENCHMARKS
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 ELEVATIONS HEREON ARE GEODETIC AND REFER TO THE NAIL & WASHER IN HYDRO POLE ON EAST SIDE OF SANFORD FLEMING DRIVE AND SOUTH WEST CORNER OF SITE.
 TBM2 - ELEVATION = 186.03
 ELEVATIONS HEREON ARE GEODETIC AND REFER TO THE NAIL & WASHER IN HYDRO POLE ON WEST SIDE OF SANFORD FLEMING DRIVE, ACROSS FROM SITE.

NOTES
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| 1. | SUBMISSION FOR SITE PLAN APPROVAL | JUNE 2024 |
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TOWN APPROVAL

GEORGIAN TRIANGLE HUMANE SOCIETY TOWN OF COLLINGWOOD
WATERMAIN PLAN & PROFILE

TATHAM ENGINEERING

| | | |
|------------|------------------------------|-------------|
| DESIGN: AS | FILE: 122045 | DWG: |
| DRAWN: KH | DATE: APR 2022 | WMO1 |
| CHECK: RS | SCALE: HOR-1:500 VER-1:50 | |