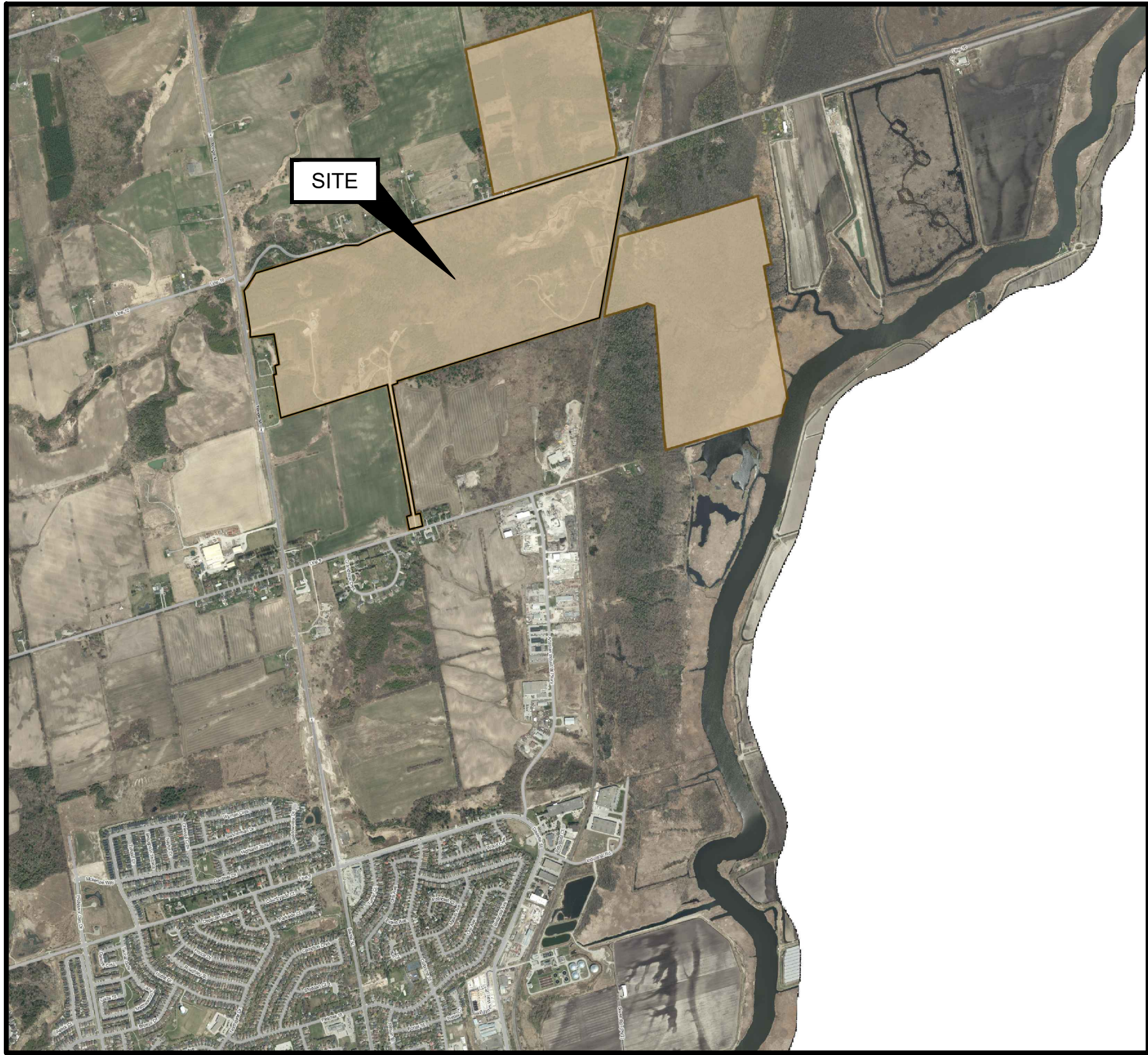


SCANLON CREEK CONSERVATION AREA

SEWAGE SYSTEM UPGRADES

TOWN OF BRADFORD

WEST GWILLIMBURY



SOURCE:
COUNTY OF SIMCOE GIS

BRADFORD WEST GWILLIMBURY
(NOT TO SCALE)

SHEET INDEX

| SHEET NO. | DRAWING NO. | TITLE |
|-----------|-------------|-------------------------------------|
| 1 | TS | TITLESHEET |
| 2 | NO1 | NOTES |
| 3 | EX1 | EXISTING CONDITIONS & REMOVALS PLAN |
| 4 | EX2 | EXISTING CONDITIONS |
| 5 | SP1 | WORKSHOP SEPTIC DESIGN PLAN |
| 6 | SP2 | NATURE CENTRE SEPTIC DESIGN PLAN |
| 7 | SP3 | NATURE CENTRE SEPTIC DESIGN PLAN |

PREPARED FOR:

LAKE SIMCOE REGION CONSERVATION
AUTHORITY
120 BAYVIEW PARKWAY,
NEWMARKET, ONTARIO
905-895-1281

PREPARED BY:

GEI CONSULTANTS, INC.
650 WOODLAWN ROAD WEST BLOCK C
UNIT 2
GUELPH, ON N1K 1B8
519.824.8150



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GEI PROJECT NO. 2401147-123109

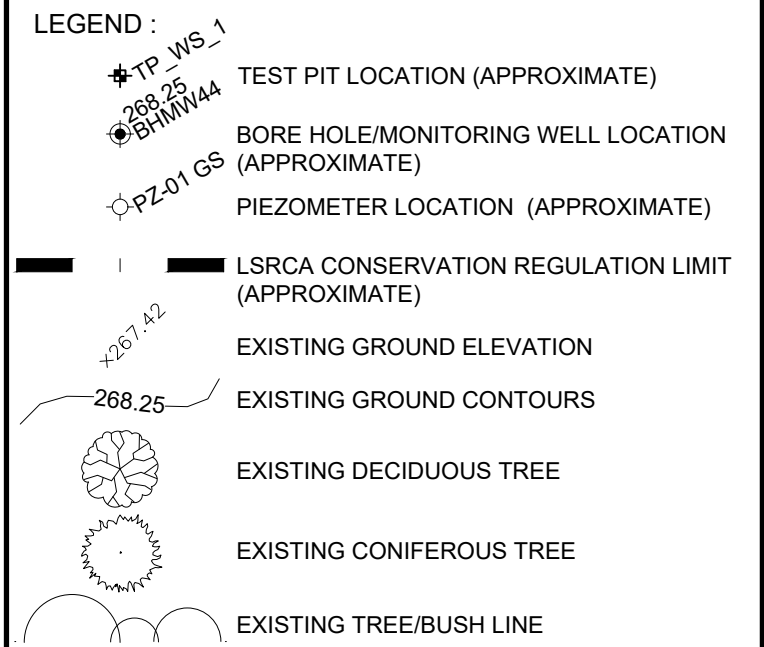
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| | | | | | DWG. NO. 1 |
| 3 | 10/25/2024 | ISSUED FOR TENDER | MRL | | SHEET NO. 1 OF 7 |
| 2 | 10/22/2024 | ISSUED FOR SPA - 2ND SUBMISSION | MRL | | REV NO. 3 |
| 1 | 9/19/2024 | ISSUED FOR SITE PLAN APPROVAL | MRL | | |
| 0 | 7/11/2024 | ISSUED FOR ECA APPLICATION | MRL | | |
| NO. | DATE | ISSUE/REVISION | APP | | |



1. CONTRACTOR IS RESPONSIBLE FOR CONFIRMING ACCURACY OF ALL BENCHMARKS ESTABLISHED FOR DESIGN PURPOSES PRIOR TO CONSTRUCTION.
2. CONTRACTOR SHALL PROTECT AND SUPPORT ALL EXISTING UTILITIES WITHIN WORK AREA AND IMMEDIATELY REPAIR ANY DAMAGE OR IMPACTS THAT OCCUR DURING EXECUTION OF WORK.
3. CONTRACTOR IS RESPONSIBLE FOR SITE LOCATE AND COMPLETING BOTH PUBLIC OPENLINE LOCATES AND PRIVATE UTILITY LOCATES TO LOCATE BURIED INFRASTRUCTURE WITHIN THE PROPOSED WORK AREA.
4. CONTRACTOR SHALL MAINTAIN ACCESS TO EXISTING EQUIPMENT FOR OPERATIONS STAFF AT ALL TIMES.
5. CONTRACTOR SHALL COORDINATE SHUTDOWNS OF EQUIPMENT, ELECTRICAL SERVICE, AND/OR WATER SERVICE WITH THE OWNER. THE CONTRACTOR SHALL ORGANIZE AND SCHEDULE THE WORK TO MINIMIZE THE NUMBER AND DURATION OF DISRUPTIONS AS FAR AS IS PRACTICABLE.
6. CONTRACTOR TO CONFIRM EXISTING SITE TOPOGRAPHY AND GRADES PRIOR TO COMMENCEMENT OF EARTHWORK AND GRADING AND NOTIFY ENGINEER IN WRITING OF ANY ERRORS OR DISCREPANCIES BEFORE PROCEEDING WITH EXCAVATION.
7. ALL HORIZONTAL AND VERTICAL PIPING BENDS ARE NOTED IN DEGREES. ALL PIPING BENDS SHALL BE 22.5° OR 45° LONG-RADIUS BENDS.
8. ALL DIMENSIONS TO BE CHECKED AND VERIFIED BY CONTRACTOR ON SITE BEFORE PROCEEDING WITH CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER BEFORE PROCEEDING.
9. EXISTING STRUCTURES ARE NOT TO BE DISTURBED UNLESS OTHERWISE NOTED.
10. ALL WORKS SHALL BE CONSTRUCTED IN ACCORDANCE WITH ONTARIO PROVINCIAL STANDARDS AND SPECIFICATIONS IF NOT SPECIFIED ON DRAWING.
11. THE CONTRACTOR SHALL SUBMIT A CERTIFICATE OF COMPLIANCE FOR ANY AND ALL AGGREGATES (I.E. SYSTEM SAND, IMPORTED SAND, STEPTIC STONE) TO CONFORM TO MANUFACTURERS SPECIFICATION OR OBS AS APPLICABLE. THE CERTIFICATE OF COMPLIANCE SHALL BE ISSUED FROM AN ACCREDITED LABORATORY AND MUST BE NO OLDER THAN 6 MONTHS PRIOR TO THE DATE OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH SAMPLING AND TESTING AND SHALL CONFIRM THAT THE SAMPLE COLLECTED WAS TAKEN FROM AND IS REPRESENTATIVE OF THE STOCKPILE FROM WHICH THE MATERIAL IS SOURCED.
12. THE CONTRACTOR SHALL BE RESPONSIBLE TO DEWATER AND KEEP EXCAVATIONS FREE OF WATER TO FACILITATE CONSTRUCTION ON FIRM DRY SUBGRADE.
13. MINIMUM DEPTH OF TANK BEDDING TO BE 300 mm OF GRANULAR 'A' COMPACTED TO 98% STANDARD PROCTOR MAXIMUM DRY DENSITY (SPMDD).
14. ALL GRANULAR 'A' TO CONFORM TO OPSS MUNI 1001 AND OPSS MUNI 1010.
15. IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR TO SUBMIT SHOP DRAWINGS AND SEPTIC TANK SPECIFICATIONS FOR APPROVAL PRIOR TO THE INSTALLATION.
16. CONTRACTOR SHALL INSTALL AND MAINTAIN APPROPRIATE EROSION AND SEDIMENT CONTROL MEASURES IN ACCORDANCE WITH OPSS MUNI 805 TO PREVENT SEDIMENT LADEN RUNOFF FROM ENTERING THE ENVIRONMENT.
17. ALL SEWER AND FORCEMAIN PIPING TO BE INSTALLED ACCORDING TO OPSD 802.010 WITH GRANULAR 'A' BEDDING.
18. ALL SEWER AND FORCEMAIN BEDDING AND BACKFILL SHALL BE COMPACTED TO 98% SPMDD.
19. MINIMUM COVER OVER ALL FORCEMAIN, SEWER, SEPTIC TANKS, PUMPING CHAMBERS AND DISTRIBUTION BOXES TO BE 1.5 m, OR OTHERWISE PROPERLY INSULATED TO ACHIEVE EQUIVALENT OF 1.5 m SOIL COVER USING OWENS CORNING FOAMULAR NGX 600 OR APPROVED EQUAL.
20. CONTRACTOR TO PROVIDE 48 HOURS (MIN.) TO THE ENGINEER FOR ANY REQUIRED INSPECTIONS. INSPECTIONS ARE REQUIRED AT THE FOLLOWING TIMES: SEPTIC TANK INSTALLATION BEFORE BACKFILLING; START OF GRAVITY SEWER INSTALLATION; PUMPING CHAMBER INSTALLATION BEFORE BACKFILLING; LEACHING BED BASE SURFACE BEFORE INSTALLING DISTRIBUTION PIPE; LEACHING BED DISTRIBUTION PIPE PARTIALLY BACKFILLED TO A LEVEL BETWEEN SPRINGLINE AND TOP OF PIPE.

3. SEWAGE SYSTEM SHALL BE CONSTRUCTED BY A LICENSED INSTALLER. PROOF OF CERTIFICATION TO BE PROVIDED TO THE ENGINEER PRIOR TO CONSTRUCTION.
2. ENVIRO SEPTIC SYSTEM 01) LEACHING BED TREATMENT SYSTEM TO BE INSTALLED IN ACCORDANCE WITH OBC SECTION 8.7.7 (2012) AND THE SYSTEM 02) DESIGN AND INSTALLATION MANUAL, PROVINCE OF ONTARIO (JUNE 2023).
3. SEPTIC TANK VOLUME TO BE 20 250 L (MIN.) WORKING VOLUME COMPLETE WITH BAFFLES AND OUTLET EFFLUENT FILTER IN ACCORDANCE WITH OBC (2012) SECTION 8.6.2.
4. SEPTIC TANK TO CONFORM TO OBC (2012) SECTION 8.2.2.
5. SEPTIC TANK TO INCLUDE VERTICAL RISERS AND ACCESS HATCHES CONFORMING TO OPSD 401.030 WITH COVERS MARKED "SANITARY". COVER FRAME TO BE GROUTED TO TOP OF TANK FOR WATERTIGHTNESS. ALL ACCESS RISERS SHALL BE EQUIPPED WITH SAFETY GRATES.
6. CONTRACTOR TO CONFIRM GROUND WATER ELEVATION PRIOR TO CONSTRUCTION FOR ADEQUATE BUOYANCY ON SEPTIC TANK.
7. SEPTIC TANK TO BE STRUCTURALLY DESIGNED TO WITHSTAND ALL LOADS INCLUDING VEHICLE LIVE LOADS. CONTRACTOR TO PROVIDE SUBMITTAL OF SEPTIC TANK DESIGN SEALED BY A PROFESSIONAL ENGINEER LICENSED BY PROFESSIONAL ENGINEERS ONTARIO. SEPTIC TANK TO BE INSULATED ON TOP & SIDES WITH 150 mm THICKNESS INSULATION. INSULATION TO BE OWENS CORNING FOAMULAR NGX 600 OR APPROVED EQUAL.
8. CONTRACTOR TO CONFIRM INVERT HEIGHTS AND COVER REQUIREMENTS FOR THE SEPTIC TANK IN THE SHOP DRAWING SUBMITTAL. ENGINEER TO CONFIRM SEWER PIPE SLOPES AND INVERTS UPON REVIEW OF THESE SHOP DRAWING SUBMITTALS.
9. DISTRIBUTION PIPING AND INSTALLATION TO CONFORM TO OBC (2012) SECTION 8.7.3.3. AND THE SYSTEM 01) DESIGN AND INSTALLATION MANUAL, PROVINCE OF ONTARIO (JUNE 2023).
10. THE CERTIFIED INSTALLER SHALL NOTIFY THE ENGINEER WHEN THE BASE OF THE LEACHING BED IS SCARIFIED AND BEFORE ANY FILL IS PLACED. THE MINIMUM DEPTH OF SCARIFICATION IS TO BE 200 mm.
11. THE CONTRACTOR SHALL TAKE EXTRA CARE THAT THE SEWAGE SYSTEM SUB-BASE IS NOT OVER COMPACTED AND TO ENSURE THE TRENCH WALLS ARE FREE OF SMEAR.
12. CONTRACTOR TO PROVIDE MANUFACTURERS CERTIFICATION LETTER STATING THE SYSTEM HAS BEEN INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS AND BMEC/ CAN BQ APPROVAL REQUIREMENTS.
13. THE LEACHING BED , DISTRIBUTION PIPING AND SEPTIC TANK SHALL BE PROTECTED IN ACCORDANCE WITH OBC (2012) SECTION 8.7.2 INCLUSIVE.
14. DISTRIBUTION PIPING SHALL BE CONSTRUCTED SUCH THAT THEY CAN BE DETECTED BY MAGNETIC MEANS (TRACE WIRE).
15. 10 GAUGE - 3 STRAND TRACER WIRE MEETING ALL AWWA STANDARDS SHALL BE INSTALLED ON ALL DISTRIBUTION PIPING, GRAVITY SEWER, AND FORCEMAIN.
16. GRAVITY SEWER CONVEYING EFFLUENT FROM SEPTIC TANK TO PUMPING CHAMBER AND ALL ASSOCIATED GRAVITY SEWER FITTINGS AND CLEANOUTS TO BE 125 mm Ø PVC SDR28.
17. CONTRACTOR TO DESIGN AND SUBMIT SHOP DRAWINGS OF PUMPING CHAMBER, FORCEMAIN, DISTRIBUTION BOX AND PUMPS, INCLUDING PUMP CURVE AND SYSTEM CURVE INFORMATION, ALL SEALED BY A PROFESSIONAL ENGINEER. PUMPING CHAMBER SHALL HAVE TWO ACCESS HATCHES TO FACILITATE MAINTENANCE AND PUMP-OUTS WITHOUT HAVING TO REMOVE PUMPS.
18. DISTRIBUTION BOX OUTLETS SHALL BE FURNISHED WITH EQUALIZER/TMJ WEIRS AND ADJUSTED TO ENSURE EVEN DISTRIBUTION OF FLOW BETWEEN THE DISTRIBUTION PIPE AS DESCRIBED IN THE SYSTEM 01) DESIGN AND INSTALLATION MANUAL.
19. PUMPING CHAMBER DESIGN SHALL BE COMPLETED BY THE CONTRACTOR AND CONSTRUCTED WITH 2 PUMPS ON ALTERNATING ROTATION WITH APPROPRIATE SWITCHES TO PROVIDE A DOSING VOLUME OF 965 L AND TO INDICATE HIGH AND LOW LEVEL ALARMS.
20. THE PUMPING CHAMBER PUMPS SHALL BE SELECTED AND INSTALLED BY THE CONTRACTOR TO ACHIEVE AN APPROXIMATE FLOW RATE OF 81 LPM ACCOUNTING FOR THE TOTAL DYNAMIC HEAD OF THE PIPING AS DESIGNED BY THE CONTRACTOR.
21. A CONTROL PANEL FOR THE PUMPING CHAMBER SHALL BE SELECTED AND INSTALLED BY THE CONTRACTOR TO ACHIEVE THE FOLLOWING FUNCTIONALITY AT MINIMUM: DISPLAY HIGH AND LOW LEVEL ALARMS; DISPLAY PUMP STATUS; ALLOW MANUAL CONTROL OF PUMPS; AND PROGRAMMABLE CONTROL OF PUMPS FOR ALTERNATING OPERATION. CONTROL PANEL SHALL BE INSTALLED IN THE MECHANICAL ROOM OF THE OPERATIONS CENTRE.
22. THE PUMPING CHAMBER SHALL BE FURNISHED WITH AN ACCESS RISER CONFORMING TO OPSD 401.030. ACCESS RISER TO BE FITTED WITH SAFETY GRATE.
23. THE PUMPING CHAMBER SHALL BE FURNISHED WITH A 100-mm Ø PVC "CANDY-CANE" VENT AND THE OUTLET OF THE VENT SHALL BE AT LEAST 1.2 m ABOVE GROUND SURFACE.

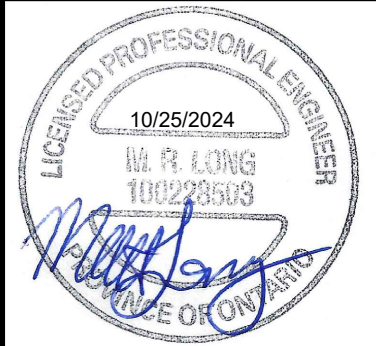
1. ALL SEDIMENT CONTROL MEASURES SUCH AS SEDIMENT CONTROL FENCE, TEMPORARY PONDS, CONSTRUCTION ACCESS MATS, SEDIMENT TRAPS, SWALES AND CHECK DAMS MUST BE INSTALLED PRIOR TO THE COMMENCEMENT OF SITE WORKS.
2. SEDIMENT CONTROLS SHOULD BE INSPECTED ON A REGULAR BASIS AND AFTER EVERY SIGNIFICANT RAINFALL EVENT. REPAIRS TO ESC MEASURES MUST BE COMPLETED IN A TIMELY MANNER TO PREVENT SEDIMENT MIGRATION.
3. ADDITIONAL MATERIALS SUCH AS CLEAR STONE, FILTER FABRIC, PUMPS, HOSES AND SILT/SOX TO BE KEPT ONSITE AT ALL TIMES FOR CONDUCTING REPAIRS TO SEDIMENT CONTROL MEASURES.
4. ALL DISTURBED AREAS LEFT INACTIVE FOR MORE THAN THIRTY DAYS ARE TO BE STABILIZED.
5. THE STABILIZATION SEED MIXTURE IS TO BE AS SPECIFIED ON THE EROSION AND SEDIMENT CONTROL PLAN.
6. THE STABILIZATION SEED MIXTURE IS TO BE APPLIED AT A MINIMUM RATE OF 25 KG/HA.
7. ENGINEERED CHANGES TO THE ESC MEASURES MAY BE NEEDED AS SITE CONDITIONS CHANGE THROUGHOUT THE CONSTRUCTION PROCESS. THESE UPDATES MUST REFLECT BEST MANAGEMENT PRACTICES TO CONTROL SEDIMENT AND EROSION ONSITE AND SHOULD BE COMPLETED BASED ON DIRECTION FROM THE SITE ENGINEER. ADDITIONAL MEASURES MAY BE REQUIRED AS DIRECTED BY AN ENGINEER THROUGHOUT THE CONSTRUCTION PROCESS.
8. THE CONSTRUCTION ENTRANCE MAT IS TO BE INSTALLED AS THE FIRST STEP IN THE SITE ALTERATION PROCESS.
9. SEDIMENT CONTROL FENCE IS TO BE INSTALLED DOWNSTREAM OF ALL DISTURBED AREAS. A DOUBLE ROW OF SEDIMENT CONTROL FENCE IS TO BE INSTALLED SURROUNDING ALL NATURAL HERITAGE FEATURES AND AS DIRECTED BY THE SITE ENGINEER. SEDIMENT CONTROL FENCE IS TO BE AS PER LSRCa STANDARD ESC-4 AS A MINIMUM. LIGHT DUTY SEDIMENT CONTROL FENCE IS NOT ACCEPTABLE.
10. CUT-OFF SWALES OR DITCHES ARE TO BE INSTALLED AS SHOWN ON THE ESC PLANS AND AS NECESSARY BASED ON CHANGING SITE CONDITIONS TO DIRECT OVERLAND FLOW TO THE APPROPRIATE SEDIMENT TRAP OR TEMPORARY SEDIMENT POND.
11. CHECK DAMS ARE TO BE INSTALLED IN ALL SWALES AND DITCHES IN ACCORDANCE WITH DRAWING LSRCa ESC-2, AS A MINIMUM.
12. TEMPORARY SEDIMENT TRAP(S) ARE TO BE CONSTRUCTED AT THE BEGINNING OF SITE GRADING AND IF THE SITE DRAINAGE CHANGES DURING CONSTRUCTION, IT MAY BE NECESSARY FOR TEMPORARY SWALES TO BE CONSTRUCTED TO DIRECT SITE FLOWS TO THE TEMPORARY SEDIMENT TRAP(S) DURING ROUGH GRADING AND AS CONSTRUCTION PROGRESSES.
13. TEMPORARY SEDIMENT POND(S) ARE TO BE CONSTRUCTED AT THE BEGINNING OF SITE GRADING AND IF THE SITE DRAINAGE CHANGES DURING CONSTRUCTION, IT MAY BE NECESSARY FOR TEMPORARY SWALES TO BE CONSTRUCTED TO DIRECT SITE FLOWS TO THE TEMPORARY SEDIMENT POND(S) DURING ROUGH GRADING AND AS CONSTRUCTION PROGRESSES.
14. FILTERTEX SILT/SOX OR APPROVED EQUIVALENT TO BE INSTALLED DOWNSTREAM FROM SEDIMENT TRAP AND TEMPORARY SEDIMENT POND OUTLETS TO A MINIMUM HEIGHT OF 300MM.
15. IF STOCKPILES ARE USED ON-SITE FOR THE STORAGE OF EXCESS MATERIAL, THEY ARE TO BE IN ACCORDANCE WITH DETAIL DRAWINGS LSRCa ESC-6 OR BETTER.
16. ANY DEWATERING OCCURRING ONSITE MUST BE IN ACCORDANCE WITH AN APPROVED DEWATERING PLAN. ADDITIONAL DEWATERING REQUIREMENTS MAY BE DEEMED NECESSARY AND SHALL BE IMPLEMENTED AS DIRECTED BY THE ENGINEER, CONTRACT ADMINISTRATOR OR LOCAL MUNICIPALITY.
17. THE SITE TRAILER IS TO BE LOCATED ONLY AT THE DESIGNATED LOCATION SHOWN ON THE PLANS.
18. EQUIPMENT AND HYDROCARBON STORAGE IS TO OCCUR ONLY WITHIN THE DESIGNATED AREA SHOWN ON THE PLANS.
19. REFUELING IS TO TAKE PLACE ONLY WITHIN THE DESIGNATED AREA SHOWN ON THE PLANS AND SHALL BE A MINIMUM OF THIRTY METRES FROM ANY WATERCOURSE OR ENVIRONMENTALLY SENSITIVE AREA.
20. AN APPROVED SPILLS MANAGEMENT PLAN IS TO BE KEPT ONSITE.
21. SPILL CLEANUP EQUIPMENT SUCH AS ABSORPTIVE MEDIA IS TO BE MAINTAINED ONSITE FOR IMMEDIATE USE IN THE EVENT OF A SPILL.
22. SPILLS ARE TO BE REPORTED IMMEDIATELY TO THE MECP SPILLS ACTION CENTRE AT 1-800-268-6060.
23. THE CONTRACTOR WILL BE RESPONSIBLE FOR CLEAN-UP AND RESTORATION, INCLUDING ALL COSTS, DUE TO THE RELEASE OF SEDIMENT FROM THE SITE.
24. LOW IMPACT DEVELOPMENT (LID) MEASURES ARE NOT TO BE USED AS SEDIMENT CONTROL DEVICES.
25. ADDITIONAL SEDIMENT CONTROL DEVICES MAY BE DEEMED NECESSARY AND AS SITE CONDITIONS CHANGE AND SHALL BE INSTALLED AS DIRECTED BY THE SITE ENGINEER, CONTRACT ADMINISTRATOR OR LOCAL MUNICIPALITY.



BH/MW 7 LOCATED APPROX. 75m NORTH OF ENTRANCE
BOOTH ON THE WEST SIDE OF THE ROAD.

THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED.

BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR ANY DAMAGE TO THEM.



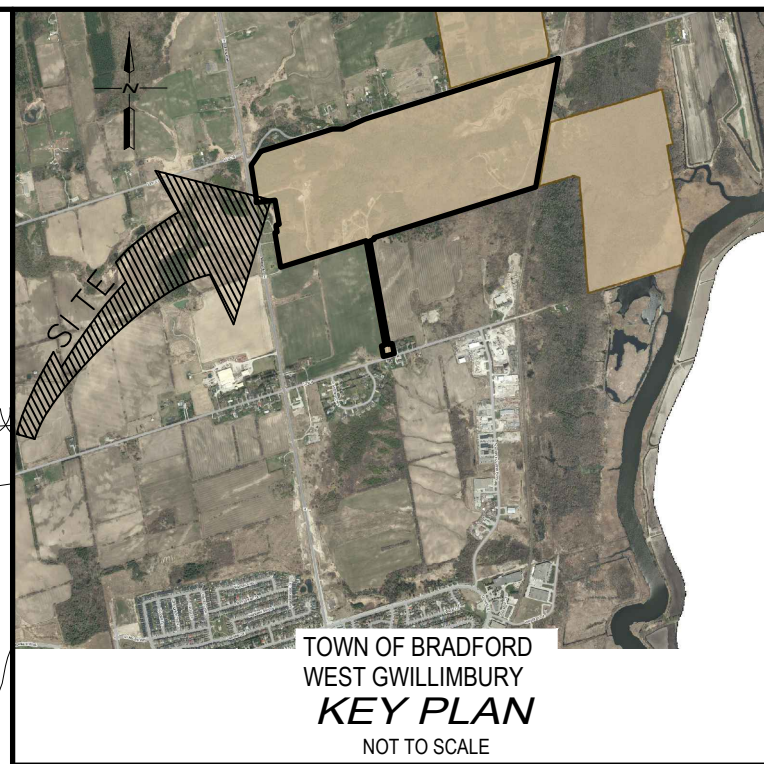
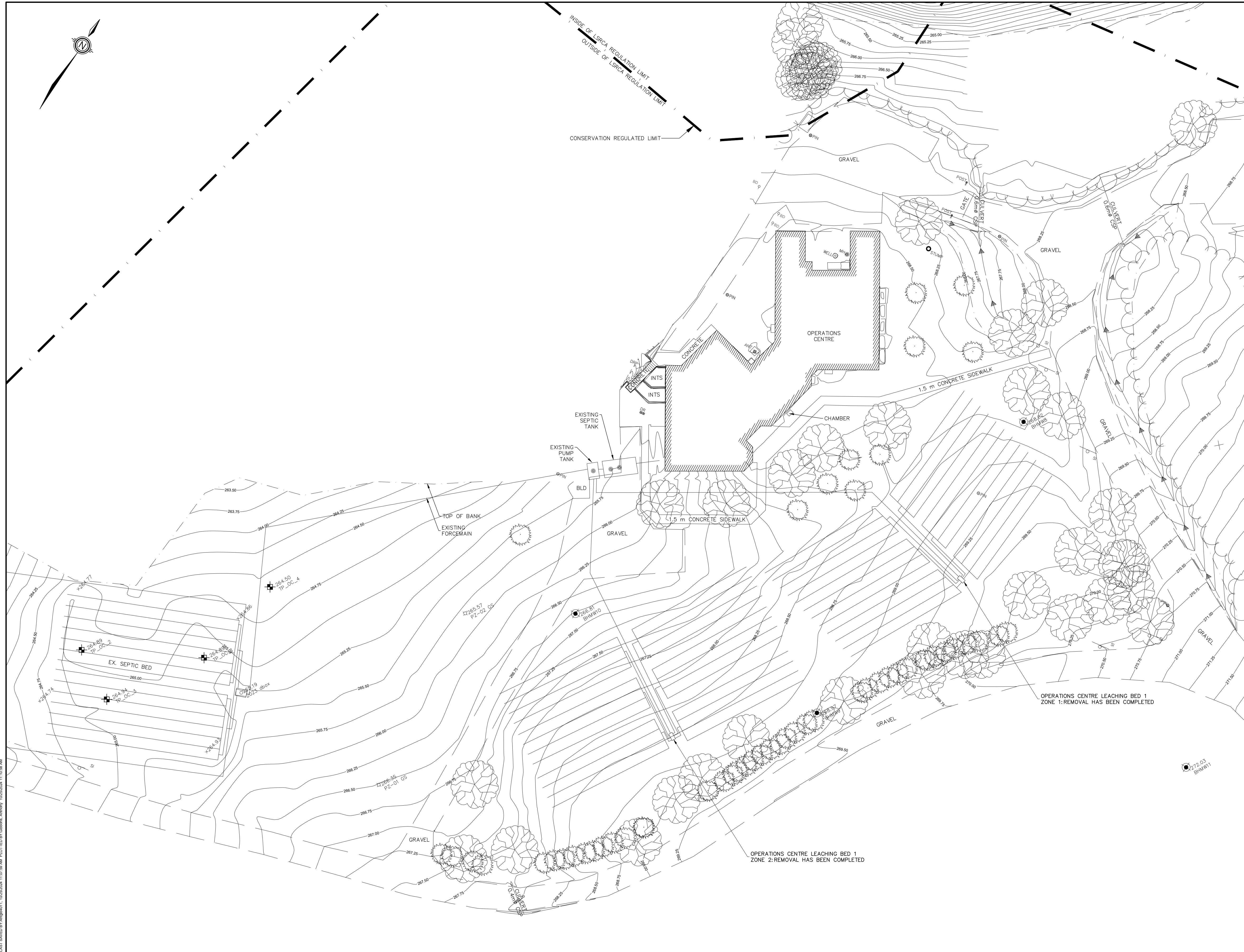
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| 3 | 10/25/2024 | ISSUED FOR TENDER | MRL |
| 2 | 10/22/2024 | ISSUED FOR SITE PLAN APPROVAL-2ND SUBMISSION | MRL |
| 1 | 09/19/2024 | ISSUED FOR SITE PLAN APPROVAL | MRL |
| 0 | 07/11/2024 | ISSUED FOR ECA APPLICATION | MRL |
| NO. | DATE | REVISION DESCRIPTION | CHKD |



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| DESIGNED BY : M.L. | DATE : 04/04/24 | SCALE : 1:200 | |

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| DESIGNED BY : M.L. | DATE : 04/04/24 | SCALE : 1:200 | |

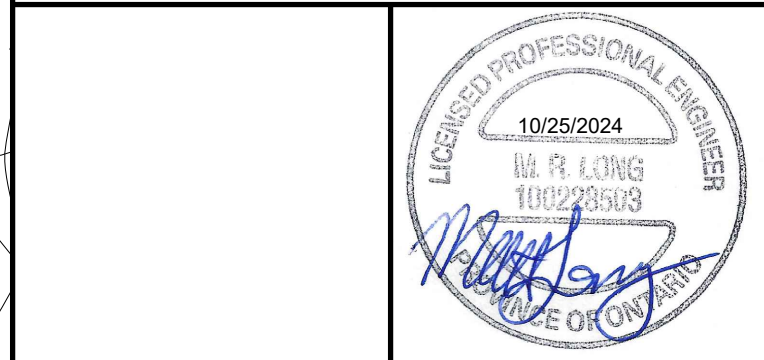
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- LEGEND :
- TP TEST PIT LOCATION (APPROXIMATE)
 - BH BORE HOLE/MONITORING WELL LOCATION (APPROXIMATE)
 - PZ-01 GS PIEZOMETER LOCATION (APPROXIMATE)
 - LSRCA CONSERVATION REGULATION LIMIT (APPROXIMATE)
 - EXISTING GROUND ELEVATION
 - EXISTING GROUND CONTOURS
 - EXISTING DECIDUOUS TREE
 - EXISTING CONIFEROUS TREE
 - EXISTING TREE/BUSH LINE

#1 BENCHMARK ELEV. - 272.087m
BH/MW 7 LOCATED APPROX. 75m NORTH OF ENTRANCE BOOTH ON THE WEST SIDE OF THE ROAD.

THE POSITION OF POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED.



| NO. | DATE | REVISION DESCRIPTION | CHKD. |
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| 3 | 10/25/2024 | ISSUED FOR TENDER | MRL |
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OPERATIONS CENTRE
SCANLON CREEK CONSERVATION
AREA SEWAGE
TOWN OF BRADFORD WEST
GWILLIMBURY
EXISTING CONDITIONS &
REMOVALS PLAN

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| DRAWN BY: A.A.G. | APPROVED BY: M.L. | PROJECT NO.: 123109 | DRAWING NO.: EX2 |
| DESIGNED BY: M.L. | DATE: 04/04/24 | SCALE: 1:300 | |

SEPTIC SYSTEM
SECTION A-A
N.T.S.

































































































SEPTIC SYSTEM
SECTION B-B
N.T.S.

SYSTEM O)) PUMP CHAMBER
N.T.S.

TYPICAL PIPE INSULATION DETAIL
N.T.S.

PLAN
1:150

TOWN OF BRADFORD
WEST GWILLIMBURY
KEY PLAN
NOT TO SCALE

- LEGEND :**
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#1 BENCHMARK ELEV. - 272.087m

BH/MW 7 LOCATED APPROX. 75m NORTH OF ENTRANCE
BOOTH ON THE WEST SIDE OF THE ROAD.

THE POSITION OF POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED.

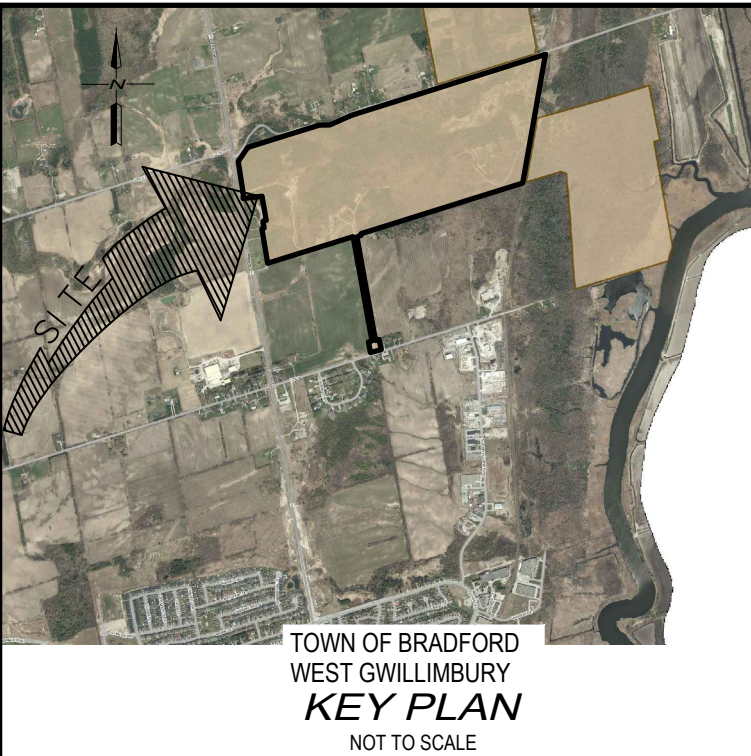
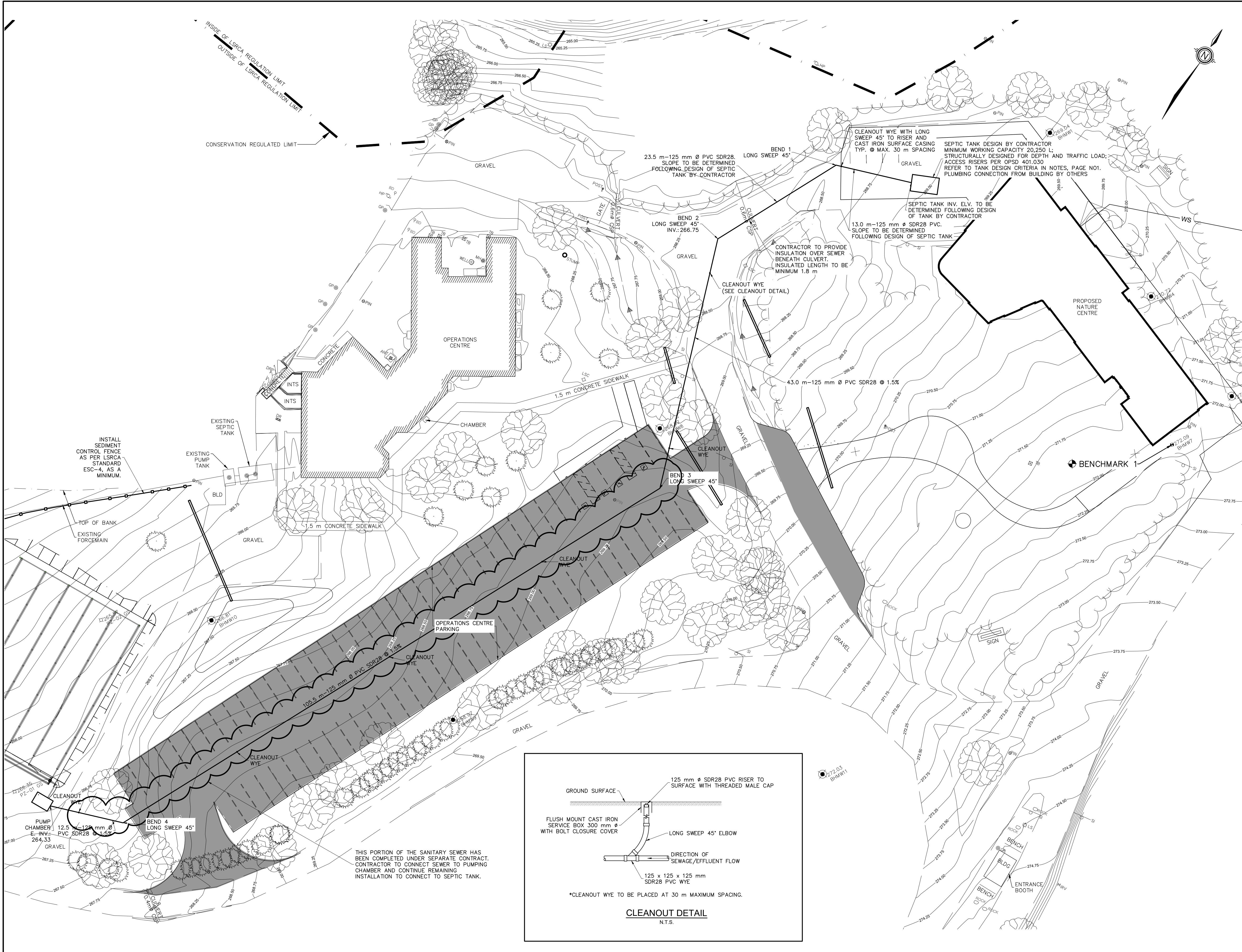
BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR ANY DAMAGE TO THEM.

[illegible]

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| NATURE CENTRE SEPTIC BED |
| SCANLON CREEK CONSERVATION AREA SEWAGE |
| TOWN OF BRADFORD WEST GWILLIMBURY |

PROPOSED SEPTIC SYSTEM PLAN

| | | | |
|-----------------------|-----------------------|-------------------------|-------------------------------|
| DRAWN BY : A.A.G. | APPROVED BY : M.L. | PROJECT NO. : 123109 | DRAWING NO. SP2 |
| DESIGNED BY : M.L. | DATE : 04/04/24 | SCALE : 1:150 | |



- LEGEND :
- TP WS 1 TEST PIT LOCATION (APPROXIMATE)
 - BH/MW BORE HOLE/MONITORING WELL LOCATION (APPROXIMATE)
 - PZ-01 GS PIEZOMETER LOCATION (APPROXIMATE)
 - LSRCA CONSERVATION REGULATION LIMIT (APPROXIMATE)
 - EXISTING GROUND ELEVATION
 - EXISTING GROUND CONTOURS
 - EXISTING DECIDUOUS TREE
 - EXISTING CONIFEROUS TREE
 - EXISTING TREE/BUSH LINE
 - LANEWAY REMOVAL

#1 BENCHMARK ELEV. - 272.087m

BH/MW 7 LOCATED APPROX. 75m NORTH OF ENTRANCE BOOTH ON THE WEST SIDE OF THE ROAD. (AS SHOWN)

THE POSITION OF POLE LINES, CONDUITS, WATERMANS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND, WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED.

BEFORE STARTING WORK, THE CONTRACTOR SHALL INFORM HIMSELF OF THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES, AND SHALL ASSUME ALL LIABILITY FOR ANY DAMAGE TO THEM.



| NO. | DATE | REVISION DESCRIPTION | CHKD |
|-----|------------|--|------|
| 3 | 10/25/2024 | ISSUED FOR TENDER | MRL |
| 2 | 10/22/2024 | ISSUED FOR SITE PLAN APPROVAL-2ND SUBMISSION | MRL |
| 1 | 09/19/2024 | ISSUED FOR SITE PLAN APPROVAL | MRL |
| 0 | 07/11/2024 | ISSUED FOR ECA APPLICATION | MRL |



NATURE CENTRE SEPTIC BED

SCANLON CREEK CONSERVATION

AREA SEWAGE

TOWN OF BRADFORD WEST

GWILLIMBURY

PROPOSED SEPTIC SYSTEM PLAN

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|--------------|--------------|--------------|--------------|
| DRAWN BY: | APPROVED BY: | PROJECT NO.: | DRAWING NO.: |
| A.A.G. | M.L. | 123109 | SP3 |
| DESIGNED BY: | DATE: | SCALE: | |
| M.L. | 04/04/24 | 1:300 | |