

GENERAL NOTES

- DRAWINGS ARE NOT TO BE SCALED.
- ELEVATION AND DIMENSIONS SHOWN ARE IN METRIC.
- TOPOGRAPHIC SURVEY CONDUCTED BY GM BLUEPLAN ENGINEERING LIMITED, NOVEMBER 5, 2018.
- ALL DIMENSIONS TO BE CHECKED AND VERIFIED ON-SITE PRIOR TO CONSTRUCTION. ANY DISCREPANCIES SHALL BE REPORTED TO THE ENGINEER IMMEDIATELY.
- THESE PLANS ARE TO BE READ IN CONJUNCTION WITH ANY OTHER PLANS PREPARED BY ADDITIONAL PARTIES WHICH DEPICT ASSOCIATED WORKS PROPOSED FOR THIS SITE.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR OBTAINING ALL NECESSARY LICENCES AND PERMITS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONFIRMING CONSTRUCTION LIMITS WITH THE ENGINEER AND THE TOWNSHIP PRIOR TO CONSTRUCTION.
- ALL CONSTRUCTION WORKS TO BE CARRIED OUT IN ACCORDANCE WITH THE OCCUPATIONAL HEALTH AND SAFETY ACT AND REGULATIONS FOR CONSTRUCTION PROJECTS, OBC, OPSD, OPSS AND TOWNSHIP OF GEORGIAN BLUFFS STANDARDS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING POSSESSION OF THE MOST CURRENT REVISIONS OF ALL STANDARDS AND SPECIFICATIONS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL TRAFFIC CONTROL AND SAFETY MEASURES DURING THE CONSTRUCTION PERIOD, INCLUDING THE SUPPLY, INSTALLATION AND REMOVAL OF ALL NECESSARY SIGNAGE, DELINEATORS, MARKERS AND BARRIERS. ALL SIGNS, ETC. SHALL CONFORM TO THE TOWN STANDARDS AND SPECIFICATIONS OF APPLICABLE OTM BOOKS.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR LOCATING AND PROTECTING ALL EXISTING UTILITIES AND SERVICES PRIOR TO AND DURING CONSTRUCTION. LOCATION OF EXISTING UTILITIES AND SERVICES SHALL BE VERIFIED PRIOR TO CONSTRUCTION.
- ANY UTILITY OR SERVICE RELOCATIONS RELATED TO THIS DEVELOPMENT TO BE UNDERTAKEN AT THE EXPENSE OF THE OWNER/DEVELOPER. ANY COSTS INCURRED AS A RESULT OF FAILURE TO PROPERLY LOCATE EXISTING UTILITIES OR SERVICES SHALL BE AT THE EXPENSE OF THE CONTRACTOR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR DUST SUPPRESSION, AS REQUIRED TO THE SATISFACTION OF THE TOWNSHIP.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONTACTING THE TOWNSHIP AND GM BLUEPLAN ENGINEERING LIMITED FOR THE SCHEDULING OF ALL REQUIRED SITE INSPECTIONS.

MATERIALS NOTES

- ALL TOPSOIL STRIPPED FROM THE SITE SHALL BE STOCKPILED ON-SITE IN A SUITABLE LOCATION AWAY FROM WATERCOURSES OR DITCHES, TO BE USED IN FINAL LANDSCAPING.
- THE CONTRACTOR SHALL RESTORE ALL DISTURBED AREAS TO ORIGINAL CONDITION OR BETTER, TO THE SATISFACTION OF THE TOWNSHIP.
- LANDSCAPED AREAS TO BE RESTORED WITH A MINIMUM OF 100mm TOPSOIL AND HYDROSEED TO THE SATISFACTION OF THE TOWNSHIP, UNLESS OTHERWISE NOTED.
- ALL GRADING MATERIAL AND CONSTRUCTION METHODS SHALL CONFORM TO TOWNSHIP STANDARDS AND SPECIFICATIONS.
- ALL FILL WITHIN THE SITE TO BE COMPACTED TO A MIN. OF 95% STANDARD PROCTOR MAXIMUM DRY DENSITY (SPMDD) OR GREATER AS NOTED BENEATH ASPHALT. THE SUITABILITY OF ALL FILL MATERIAL SHALL BE CONFIRMED BY A QUALIFIED GEOTECHNICAL CONSULTANT PRIOR TO INSTALLATION OF ANY ASPHALT BASE MATERIALS.
- ANY CHANGES OR SUBSTITUTIONS IN PROPOSED MATERIALS OR METHODS SHALL BE APPROVED BY THE ENGINEER AND THE TOWNSHIP PRIOR TO IMPLEMENTATION.
- ALL LANDSCAPING TO BE INSTALLED AS SOON AS POSSIBLE OR PRIOR TO THE END OF THE FIRST GROWING SEASON. LANDSCAPING TO BE MAINTAINED UNTIL IT IS ESTABLISHED.
- LANDSCAPED SLOPES SHALL BE MINIMUM 3 HORIZONTAL TO 1 VERTICAL, UNLESS OTHERWISE NOTED.
- ALL CONCRETE BENCH PADS TO BE MINIMUM 125mm THICK WITH MINIMUM 150mm GRANULAR 'A' BEDDING (98% SPMDD) AND CONCRETE BIKE RACK PAD TO BE MINIMUM 150mm THICK WITH MINIMUM 150mm GRANULAR 'A' BEDDING (98% SPMDD) IN ACCORDANCE WITH OPSD 310.010.
- CONCRETE TO HAVE 28 DAY COMPRESSIVE STRENGTH OF 32 MPa WITH 5-8% AIR ENTRAINMENT. CONCRETE SLUMP TO BE 80mm ± 20mm.

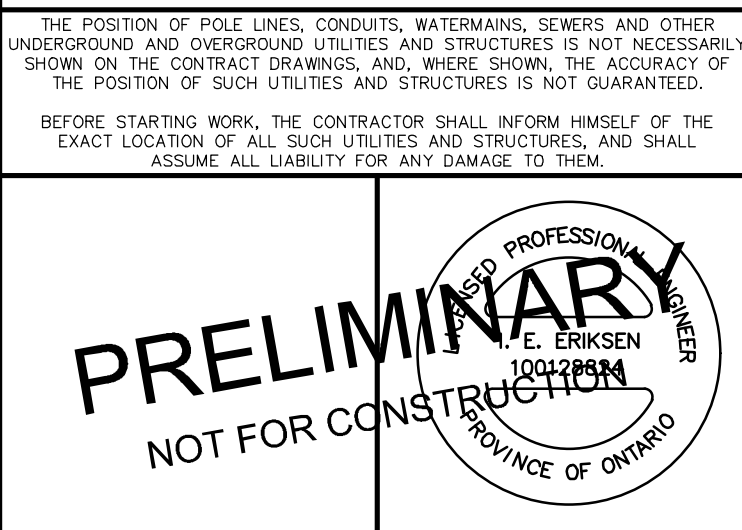
SEDIMENT & EROSION CONTROL NOTES

- SITE WORKS ARE TO BE STAGED IN SUCH A MANNER THAT EROSION WILL BE MINIMIZED AND THAT BARRIERS AND SEDIMENTATION FACILITIES WITHIN THE SITE ARE PROVIDED TO CONTROL ANY EROSION THAT DOES OCCUR.
- THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROVIDING A DEWATERING PLAN, TO THE SATISFACTION OF THE ENGINEER AND THE TOWN.
- SILT FENCING TO BE AS PER OPSD 219.110 AS SHOWN ON PLAN AND INSTALLED PRIOR TO ANY SITE WORKS AND MAINTAINED OVER THE DURATION OF THE PROJECT.
- CLEARING AND GRUBBING OF THE SITE SHOULD BE KEPT TO A MINIMUM AND VEGETATION REMOVED ONLY IN ADVANCE OF IMMEDIATE CONSTRUCTION.
- TOPSOIL STOCKPILES SHALL BE LOCATED AWAY FROM ALL STORM SEWER INLETS, DITCHES OR ROAD ALLOWANCES AND SEEDED TO PREVENT EROSION. LIGHT DUTY SILT FENCING SHALL BE INSTALLED AROUND THE BASE OF ALL STOCKPILES WITH PERIMETER SWALES OUTLETTING TO A SETTLING AREAS.
- ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED AS SITE DEVELOPMENT PROGRESSES. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ADDING/MODIFYING EROSION CONTROL MEASURES TO ENSURE ADEQUATE EROSION CONTROL, TO THE SATISFACTION OF THE TOWN.
- EROSION CONTROL STRUCTURES SHALL BE MONITORED REGULARLY BY THE CONTRACTOR AND ANY DAMAGE TO STRUCTURES REPAIRED IMMEDIATELY. INSPECTION SHALL OCCUR AFTER EVERY RAINFALL EVENT OF 15mm OR GREATER AND SEDIMENT IS TO BE REMOVED WHEN ACCUMULATION REACHES A MAXIMUM OF 1/2 THE HEIGHT OF THE SEDIMENT FENCE HEIGHT. CLOGGED FILTER MATERIALS SUCH AS CRUSHED STONE, STRAW BALES OR FILTER CLOTH MUST BE REPLACED AS REQUIRED.
- ALL EROSION CONTROL STRUCTURES ARE TO REMAIN IN PLACE UNTIL ALL DISTURBED GROUND SURFACES HAVE BEEN STABILIZED EITHER BY PAVING OR RESTORATION OF VEGETATIVE GROUND COVER.
- EXTRA EROSION AND SEDIMENT CONTROL MATERIALS TO BE KEPT ON SITE IN ORDER TO REPAIR OR REPLACE DAMAGED SECTIONS IMMEDIATELY.



NOTES:

- BENCHMARK 1 ELEV. - 182.71m**
- TOP OF NORTH EAST ANCHOR BOLT ON THE SARAWAK FAMILY PARK SIGN, LOCATED ON THE NORTH SIDE OF THE ENTRANCE
- LEGEND:
- + 179.25 EXISTING ELEVATION
 - 280.5 EXISTING GROUND CONTOUR
 - 179.25 PROPOSED ELEVATION
 - (wavy arrow) DIRECTION OF SURFACE FLOW
 - (dashed line) PROPOSED DITCH / SWALE



NO.	DATE	REVISION DESCRIPTION	CHKD
2	APR 20/23	REVISED DETAILS AND NOTES	I.E.E.
1	JAN 28/19	ISSUED FOR TOWNSHIP REVIEW	I.E.E.



ACCESSIBILITY IMPROVEMENTS	
SARAWAK PARK	
TOWNSHIP OF GEORGIAN BLUFFS	
PROPOSED WALKWAY	
DRAWN BY: L.P.H.	APPROVED BY: I.E.E.
DESIGNED BY: I.E.E.	DATE: JAN 28, 2019
PROJECT NO.: 218401	SCALE: 1:300
S1	