



LEGEND:

- SITE BOUNDARY
- EXISTING DITCH/DRAIN
- PROPOSED SWALE AND FLOW DIRECTION
- PROPOSED 3:1 TERRACING
- PROPOSED CONCRETE CURB WITH DEPRESSION
- PROPOSED GRADING LINE
- PROPOSED STORM WATERSHED
- EXISTING STORM WATERSHED
- APPROX. EDGE OF PROVINCIALLY SIGNIFICANT WETLANDS
- 30m SETBACK FROM PROVINCIALLY SIGNIFICANT WETLANDS
- APPROX. EDGE OF UNEVALUATED WETLANDS
- 25m SETBACK FROM UNEVALUATED WETLANDS
- PROPOSED SILT FENCE PER OPSD 219.110
- PROPOSED BUILDING ENVELOP
- EXISTING HYDRO POLE
- EXISTING FIRE HYDRANT
- EXISTING GROUND ELEVATION
- PROPOSED ELEVATION
- PROPOSED HIGH POINT ELEVATION
- MATCH EXISTING ELEVATION
- PROPOSED SWALE ELEVATION
- PROPOSED DOOR ENTRANCE
- PROPOSED GARAGE DOOR
- PROPOSED FINISHED FLOOR ELEVATION
- PROPOSED UNDERSIDE OF FOOTING ELEVATION
- DIRECTION AND SLOPE OF SURFACE WATER FLOW
- PROPOSED STAW BAILE CHECK DAM PER OPSD 219.180
- SITE BENCHMARK MAG & WASHER IN TREE ROOT ELEV = 133.85
- PROPOSED WATERSHED NAME
- RUNOFF COEFFICIENT
- AREA IN HECTARES
- EXISTING WATERSHED NAME
- RUNOFF COEFFICIENT
- AREA IN HECTARES

- GENERAL NOTES:**
- ALL WORK TO CONFORM TO THE LATEST MUNICIPAL STANDARDS, THE PROVINCIAL STANDARD DRAWINGS AND SPECIFICATIONS (OPSD AND OPS), AND WHERE APPLICABLE / REQUIRED, LOCAL UTILITY STANDARDS AND THE ONTARIO MINISTRY OF TRANSPORTATION STANDARDS WILL APPLY.
 - ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH THE "ONTARIO OCCUPATIONAL HEALTH AND SAFETY ACT" AND ITS LATEST AMENDMENTS. THE GENERAL CONTRACTOR SHALL BE DEEMED TO BE THE CONSTRUCTOR AS DEFINED IN THE ACT.
 - SHOULD DEEPLY BURIED ARCHEOLOGICAL REMAINS BE FOUND ON THE PROPERTY DURING CONSTRUCTION ACTIVITIES THE HERITAGE OPERATIONS UNIT OF THE ONTARIO MINISTRY OF CULTURE MUST BE NOTIFIED IMMEDIATELY (416-314-7148). IN THE EVENT THAT HUMAN REMAINS ARE ENCOUNTERED DURING SOIL STOPPING ACTIVITIES, BOTH THE ONTARIO MINISTRY OF CULTURE AND THE REGISTRAR OR DEPUTY REGISTRAR OF THE ENGINEERS REGULATION UNIT OF THE MINISTRY OF CONSUMER AND COMMERCIAL RELATIONS (416-326-8392), SHOULD BE NOTIFIED IMMEDIATELY AS WELL AS THE LOCAL POLICE.
 - ALL TEMPORARY TRAFFIC CONTROL AND SIGNAGE DURING CONSTRUCTION SHALL BE IN ACCORDANCE WITH CURRENT ONTARIO TRAFFIC MANUAL - BOOK 7 - TEMPORARY CONDITIONS (LATEST EDITION).
 - THE CONTRACTOR SHALL RECTIFY ANY DISTURBED AREAS TO ITS ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE GOVERNING AUTHORITIES.
 - THIS DRAWING SHALL BE READ IN CONJUNCTION WITH ALL DRAWINGS, REPORTS AND SPECIFICATIONS THAT RELATE TO THIS PROJECT.
 - FOR LEGAL SURVEY AND TOPOGRAPHIC INFORMATION REFER TO PLAN PREPARED BY JOHN H. KENNEDY - DATED NOVEMBER 14, 2018.
 - ALL DIMENSIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO THE START OF CONSTRUCTION.
 - THE CONTRACTOR IS TO REPORT ALL DISCOVERIES OF ERRORS, OMISSIONS OR DISCREPANCIES TO THE ENGINEER AS APPLICABLE. LOST TIME DUE TO FAILURE OF THE CONTRACTOR TO: 1) CONFIRM UTILITY LOCATIONS, AND 2) NOTIFY THE ENGINEER OF POSSIBLE CONFLICTS, PRIOR TO CONSTRUCTION, WILL BE TO THE CONTRACTOR'S PERIL AND EXPENSE.
 - THE CONTRACTOR SHALL CONFIRM THE LOCATION OF ALL EXISTING UTILITIES WITHIN THE SITE AND ADJACENT WORK AREAS. THE CONTRACTOR SHALL BE RESPONSIBLE FOR PROTECTING ALL EXISTING UTILITIES TO THE SATISFACTION OF THE GOVERNING AUTHORITY. THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF ANY SERVICES OR UTILITIES DISTURBED DURING CONSTRUCTION, TO THE SATISFACTION OF THE GOVERNING AUTHORITY.
 - ALL DIMENSIONS ARE IN METRES UNLESS SPECIFIED OTHERWISE.
 - THERE WILL BE NO SUBSTITUTION OF MATERIALS OR SPECIFIED PRODUCTS UNLESS PRIOR WRITTEN APPROVAL IS RECEIVED FROM THE ENGINEER.
 - ALL CONSTRUCTION SHALL BE CARRIED OUT IN ACCORDANCE WITH THE RECOMMENDATIONS MADE IN THE LATEST GEOTECHNICAL REPORT, SITE SERVING REPORT AS WELL AS THE STORMWATER MANAGEMENT REPORT FOR THIS SITE. IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN THE LATEST COPIES OF SAID REPORTS.
 - THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING, AND BEARING THE COSTS OF, ALL REQUIRED PERMITS, UNLESS SPECIFIED OTHERWISE.
 - ALL NECESSARY CLEARING AND GRUBBING SHALL BE COMPLETED BY THE CONTRACTOR. THE CONTRACTOR MUST OBTAIN APPROVAL FROM THE CONTRACT ADMINISTRATOR AND/OR THE MUNICIPALITY PRIOR TO ANY TREE CUTTING / REMOVAL.
 - THE CONTRACTOR SHALL PROVIDE THE ENGINEER PERTINENT AS-BUILT MEASUREMENTS, NOTES AND MARK-UPS TO ENABLE THE ENGINEER TO REVIEW AND PREPARE AS-BUILT GRADING AND SITE SERVING PLANS.
 - IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY THAT THE SITE BENCHMARK(S) HAS NOT BEEN ALTERED OR DISTURBED AND THAT ITS RELATIVE ELEVATION AND DESCRIPTION AGREES WITH THE INFORMATION DEPICTED ON THIS PLAN.
 - ANY EXISTING OR DISCOVERED WELLS OR MONITORING WELLS FOUND ON THE PROPERTY WILL NEED TO BE PROPERLY ABANDONED IN ACCORDANCE WITH O. REG. 903 AND ITS AMENDMENTS.
- EROSION & SEDIMENT CONTROL NOTES:**
- CONTRACTOR TO IMPLEMENT EROSION AND SEDIMENT CONTROL MEASURES AS IDENTIFIED IN THE EROSION AND SEDIMENT CONTROL PLAN, AS PER OPSD 805, TO THE SATISFACTION OF THE GOVERNING AUTHORITY, PRIOR TO UNDERTAKING ANY SITE ALTERATIONS (FILLING, GRADING, REMOVAL OF VEGETATION, ETC.).
 - DURING ALL PHASES OF THE SITE PREPARATION AND CONSTRUCTION, THE EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE MAINTAINED TO THE SATISFACTION OF THE ENGINEER AND GOVERNING AUTHORITY IN ACCORDANCE WITH THE BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL.
 - CONTRACTOR WILL MONITOR THE WATER CLARITY DOWNSTREAM OF THE WORK SITE THROUGHOUT THE DAY AND DURING RAIN EVENTS. NO TURBID WATER IS PERMITTED TO LEAVE THE WORK AREA. CONTRACTOR WILL INSTALL ADDITIONAL MEASURES AS REQUIRED IN ORDER TO ENSURE AND PREVENT TRANSPORTATION OF SEDIMENT DOWNSTREAM.
 - SHOULD ANY ADDITIONAL MEASURES BE REQUIRED TO ADDRESS FIELD CONDITIONS THEY SHALL BE INSTALLED AS DIRECTED BY THE ENGINEER OR THE GOVERNING AUTHORITY. MINIMUM MEASURES WILL CONSIST, WITHOUT BEING LIMITED TO, THE INSTALLATION OF FILTER CLOTHS ACROSS MANHOLE AND CATCHBASIN LIDS TO PREVENT SEDIMENT FROM ENTERING THE STRUCTURE, PLACEMENT OF RIP RAP TO REDUCE THE MOVEMENT OF LOOSE SOIL AND THE INSTALLATION OF A LIGHT-DUTY SILT FENCE BARRIER (OPSD 219.110) AROUND ANY DISTURBED AREAS, AS REQUIRED. IT IS NOTED THAT HEAVY DUTY SILT FENCE BARRIER (OPSD 219.130) WILL BE REQUIRED BETWEEN DISTURBED AREA (WITHIN 30M OF A WATERCOURSE) AND THE WATERCOURSE OR SENSITIVE NATURAL FEATURE. SEDIMENT FENCING WILL NOT BE REMOVED UNTIL THE TERRESTRIAL VEGETATION HAS BECOME RE-ESTABLISHED.
 - ANY STOCKPILES OF SOIL OR FILL MATERIAL SHALL BE STORED AT LEAST 30M FROM THE WATERCOURSE AND SHALL BE PROTECTED BY SILT FENCING.
 - ALL EQUIPMENT WORKING WITHIN 30M OF THE WATERCOURSE SHALL BE WELL MAINTAINED, CLEAN AND FREE OF LEAKS.
- SPILL CONTROL NOTES:**
- NO CONSTRUCTION EQUIPMENT SHALL BE RE-FUELLED, MAINTAINED AND STORED WITHIN 30M OF WATERCOURSES, STREAMS, CREEKS, WOODLOTS AND ANY ENVIRONMENTALLY SENSITIVE AREAS OR AS OTHERWISE SPECIFIED.
 - THE CONTRACTOR MUST IMPLEMENT ALL NECESSARY MEASURES IN ORDER TO PREVENT LEAKS, DISCHARGES OR SPILLS OF POLLUTANTS, DELETERIOUS MATERIALS OR OTHER SUCH MATERIALS OR SUBSTANCES WHICH WOULD OR COULD CAUSE AN ADVERSE IMPACT TO THE NATURAL ENVIRONMENT.
 - EMERGENCY SPILL KITS SHALL BE LOCATED ON SITE. CONTRACTOR SHALL BE FULLY TRAINED ON THE USE OF CLEAN-UP MATERIALS IN ORDER TO MINIMIZE IMPACTS OF ANY ACCIDENTAL SPILLS.
 - THE WORK AREA SHALL BE CONTINUOUSLY MONITORED FOR LEAKAGE AND IN THE EVENT OF A LEAK, DISCHARGE OR SPILL OF A POLLUTANT, DELETERIOUS MATERIAL OR OTHER SUCH MATERIAL OR SUBSTANCE WHICH WOULD OR COULD CAUSE AN ADVERSE IMPACT TO THE NATURAL ENVIRONMENT, THE CONTRACTOR SHALL:
 - IMMEDIATELY HALT THE ACTIVITY CAUSING THE LEAK, DISCHARGE OR SPILL.
 - IMMEDIATELY NOTIFY THE APPROPRIATE GOVERNING AUTHORITIES OF THE INCIDENT IN ACCORDANCE WITH CURRENT BY-LAWS, PERMITS, APPROVALS, LEGISLATION, ETC. ANY SPILLS SHALL BE IMMEDIATELY REPORTED TO THE MOECC SPILLS ACTION CENTRE (1-800-268-6060).
 - TAKE IMMEDIATE ACTION TO CONTAIN THE MATERIAL OR SUBSTANCE AND TO TAKE SUCH MEASURES TO MITIGATE ANY ADVERSE IMPACTS TO THE NATURAL ENVIRONMENT.
 - RESTORE THE AFFECTED AREA TO THE ORIGINAL CONDITION OR BETTER TO THE SATISFACTION OF THE AUTHORITIES HAVING JURISDICTION.

No	DATE	ISSUED FOR	App.	No	DATE	REVISION	App.
1	2020/07/03	SITE PLAN CONTROL	AA	1			
2				2			
3				3			
4				4			
5				5			

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Legend

KASTONE
 CONSTRUCTION
 MANAGEMENT

OTTAWA VALLEY
 WILD BIRD
 CARE CENTRE

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Stamps

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Title	EROSION AND SEDIMENT CONTROL PLAN	Drawn / A.A.	Scale
Verif. / H.A.			1:300
Date: 2020/07/03	Revision: 0		Drawing # ES-1