

CONSTRUCTION MUDMAT DETAIL

N.T.S.

NOT TO BE USED FOR CONSTRUCTION

**EROSION AND SEDIMENT CONTROL PLAN NOTES** THE FOLLOWING EROSION AND SEDIMENT CONTROL (ESC) MEASURES ARE

IN ACCORDANCE WITH THE EROSION AND SEDIMENT CONTROL GUIDELINES FOR TOWN OF CALEDON AND CREDIT VALLEY CONSERVATION AUTHORITY

1. EROSION AND SEDIMENT CONTROL (ESC) MEASURES WILL BE IMPLEMENTED PRIOR TO, AND MAINTAINED DURING THE CONSTRUCTION PHASES TO PREVENT SEDIMENT LADEN RUNOFF FROM LEAVING THE SITE. ALL DAMAGED EROSION AND SEDIMENT CONTROL MEASURES SHOULD BE REPAIRED AND/OR REPLACED WITHIN 48 HOURS OF THE

- 2. ADDITIONAL MATERIALS SUCH AS CLEAR STONE, FILTER FABRIC, HOSES, SILTSOXX, AND STRAW BLANKET TO BE KEPT ONSITE OR ON HAND AT ALL TIMES FOR CONDUCTING IMMEDIATE REPAIRS TO SEDIMENT CONTROL MEASURES AS REQUIRED.
- 3. DISTURBED AREAS WILL BE MINIMIZED TO THE EXTENT POSSIBLE, AND EMPORARILY OR PERMANENTLY STABILIZED OR RESTORED AS THE
- WORK PROGRESSES.
- 4. STOCKPILING ON SITE TO BE MINIMIZED. EXCESS FILL TO BE REMOVED IMMEDIATELY OFF SITE.

5. THE EROSION AND SEDIMENT CONTROL STRATEGIES OUTLINED ON THE PLANS ARE NOT STATIC AND MAY NEED TO BE UPGRADED/AMENDED AS SITE CONDITIONS CHANGE TO MINIMIZE SEDIMENT LADEN RUNOFF FROM LEAVING THE WORK AREAS. IF THE PRESCRIBED MEASURES ON THE PLANS ARE NOT EFFECTIVE IN PREVENTING THE RELEASE OF A DELETERIOUS SUBSTANCE, INCLUDING SEDIMENT, THEN ALTERNATIVE MEASURES MUST BE IMPLEMENTED IMMEDIATELY TO MINIMIZE POTENTIAL ECOLOGICAL IMPACTS. C.V.C.A. ENFORCEMENT OFFICER SHOULD BE IMMEDIATELY CONTACTED. ADDITIONAL ESC MEASURES TO BE KEPT ON SITE AND USED AS NECESSARY.

- 6. A SITE ENGINEER IS TO INSPECT ALL NEW CONTROLS, AS WELL AS ON A REGULAR BASIS, OR FOLLOWING RAIN/SNOWMELT EVENT, TO MONITOR ALL WORKS, AND IN PARTICULAR, WORKS RELATED TO EROSION AND SEDIMENT CONTROLS. SHOULD CONCERNS ARISE ON SITE, THE SITE ENGINEER WILL CONTACT THE C.V.C.A. ENFORCEMENT OFFICER AS WELL AS THE OWNER.
- 7. ALL ACTIVITIES, INCLUDING MAINTENANCE PROCEDURES, WILL BE CONTROLLED TO PREVENT ANY SPILLS OF PETROLEUM PRODUCTS, OR OTHER DELETERIOUS SUBSTANCES VEHICULAR REFLIELING AND MAINTENANCE WILL BE CONDUCTED A MINIMUM OF 30 METRES FROM
- 8. THE PROPONENT/CONTRACTOR SHALL MONITOR THE WEATHER SEVERAL DAYS IN ADVANCE OF GRADING WORKS TO ENSURE THAT THE WORKS WILL BE CONDUCTED DURING FAVOURABLE WEATHER
- 9. THE CONTRACTOR SHALL INSTALL SILTSOXX, AS REQUIRED TO CONTROL THE DISCHARGE OF EXPOSED SOIL OR TEMPORARY PILE(S) OF EXCAVATED SOILS OR, SOILS AND GRANULAR MATERIAL TO BE
- 10. EROSION AND SEDIMENT CONTROL MEASURES ARE TO REMAIN IN PLACE AND IN WORKING ORDER UNTIL LANDSCAPING HAS STABILIZED.
- 11. EXCAVATION DEWATERING PROCEDURE TO BE COMPLETED USING A SUMP PUMP AND FILTER BAG SYSTEM. SUMP PUMPS TO BE PLACED WITHIN EXCAVATED TRENCH AND SHOVELED PUMP PITS, SEE DETAIL PUMP TO BE PLACED ON AND SURROUNDED WITH 19mm CLEAR STONE. PUMP DISCHARGE HOSE TO OUTLET INTO FILTER BAG.
- 12. AREAS WHICH WILL REMAIN DISTURBED FOR MORE THAN 30 DAYS SHALL BE STABILIZED USING SEEDING OR SOD.
- 13. ALL SLOPES SHALL BE STABILIZED AFTER CONSTRUCTION USING SODDING OR SEEDING WITH TERRAFIX S100 BIODEGRADABLE STRAW BLANKETS OR APPROVED EQUIVALENT. NO EROSION CONTROL MEASURE SHALL HAVE ANY PLASTIC, EVEN IF IT IS BIODEGRADABLE.
- 14. PUBLIC WALKWAYS AND MUNICIPAL ROADS ARE TO BE KEPT CLEAR OF EXCESS SEDIMENT.
- 15. THE SITE ACCESS ROUTE AND CONSTRUCTION SITE ARE TO BE AREAS ARE TO BE COVERED WITH NATIVE SEED MIX AND EROSION BLANKET, AS PER THE PLANTING PLAN AND EROSION AND SEDIMENT CONTROL PLAN RESPECTIVELY.
- 16. WHERE PRACTICAL, WORKS SHOULD BE COMPLETED IN STAGES TO REDUCE THE DURATION OF DISTURBED AREAS.
- 17. REFER TO EROSION AND SEDIMENT CONTROL GUIDELINE FOR URBAN CONSTRUCTION. DECEMBER 2006 FOR FURTHER EROSION AND SEDIMENT CONTROL MEASURES APPROVED BY THE C.V.C.A.
- 18. IN ORDER TO COMPLY WITH THE MIGRATORY BIRDS CONVECTION ACT, C.V.C.A. RECOMMENDS THAT TREE REMOVALS BE COMPLETED BETWEEN AUGUST 1 AND APRIL 1
- 19. PLEASE NOTIFY C.V.C.A. ENFORCEMENT OFFICER AND C.V.C.A.
- PROJECT MANAGER 48 HOURS PRIOR TO COMMENCING
- 20. AN ENVIRONMENTAL MONITOR IS TO BE DESIGNATED ON SITE, AND PROVIDE ADVICE, TO ENSURE THAT ACTIVITIES THAT COULD HAVE A NEGATIVE IMPACT TO THE NATURAL ENVIRONMENT ARE EFFECTIVELY MITIGATED AS CONSTRUCTION PROCEEDS. THE ENVIRONMENTAL MONITOR SHALL NOTIFY THE C.V.C.A. ENFORCEMENT OFFICER AND PROJECT MANAGER IF AN ISSUE ARISES.

## **DRAWING LIST** (GRECK AND ASSOCIATES LTD.)

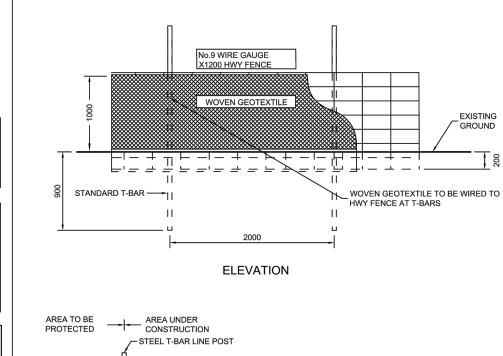
- 01 SITE GRADING PLAN
- 02 SITE SERVICING PLAN
- 03 EROSION AND SEDIMENT CONTROL PLAN AND DETAILS
- 04 CROSS SECTIONS

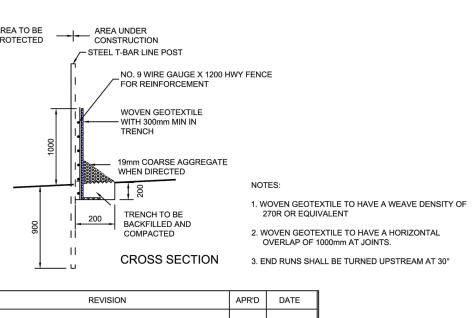
SILTSACK AND LIFT THE SACK OUT OF THE CATCH BASIN (2 PEOPLE)
\* EMPTY CONTENTS OF THE SILTSACK IN DESIGNATED ESC AREA

TYPICAL SILTSACK CONSTRUCTION DETAIL

5. CONTRACTOR IS REQUIRED TO BE A FILTREXX CERTIFIED INSTALLER

SILTSOXX CHECK DAM DETAIL





JUNE 08 NAME CHANGED, STANDARD No. 325.01 NOW 304 TOWN OF CALEDON C.C. DATE: APRIL 200 SEDIMENT CONTROL FENCE



## KEY PLAN N.T.S.

**LEGEND** 

PROPOSED	
мн1 😬	STORM MANHOLE
мн1 🔘	STORM CATCHBASIN MANHOLE
CB 🗖	SINGLE CATCHBASIN
DCB	DOUBLE CATCHBASIN
	LIMIT OF SUBJECT PROPERTY
	EASEMENT
	RIGHT OF WAY
	LOT LINE
—	FENCE LINE
	CURB/SIDEWALK

BUILDING RETAINING WALL MAJOR CONTOUR LABEL MINOR CONTOUR LABEL SILTSOXX CHECKDAM SILT FENCE/SILTSOXX

OVERLAND FLOW

CONSTRUCTION MUD-MAT TEMP. CB SILTSACK PROTECTION

TREE - TO REMAIN

## ALL DIMENSIONS ARE IN METRES UNLESS OTHERWISE NOTED.

- CONTOUR INTERVAL IS 0.50m.

  ALL DIMENSIONS SHALL BE CHECKED AND VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO ANY CONSTRUCTION, AND ANY DISCREPANCIES SHALL BE REPORTED IMMEDIATELY TO THE ENGINEER.
- ALL WORK SHALL BE IN ACCORDANCE WITH CURRENT TOWN OF CALEDON STANDARD SPECIFICATIONS AND DRAWINGS UNLESS OTHERWISE NOTED HEREIN. ORDER OF PRECEDENCE OF STANDARDS DRAWINGS IS FIRSTLY TOWN OF CALEDON, AN SECONDLY ONTARIO PROVINCIAL STANDARD DRAWINGS (OPSD).

## BENCHMARK BENCHMARK No. N/A

мн1 🔘

CB 🗌

DCB\_\_\_\_

LEVATION = N/AELEVATIONS ARE BASED ON GPS OBSERVATIONS FROM PERMANENT REFERENCE STATIONS IN THE

NAD83 (CSRS-2010) COORDINATE SYSTEM, WITH HEIGHTS CONVERTED TO ORTHOMETRIC ELEVATION ON THE CVGD28 DATUM (1978 ADJUSTMENT) WITH GEOID MODEL HTV2.0. AS SUPPLIED BY NATUR. RESOURCES CANADA. OMPLETED BY:

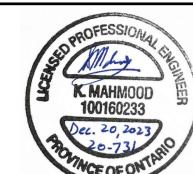
'AN HARTEN SURVEYING INC. COMPLETED ON: MAY 10, 2018

LIDAR DTM PEEL 2016 PACKAGE B AVAILABLE FROM LAND INFORMATION ONTARIO

NO.	REVISION	DATE	BY	APPROVE
01	ISSUED FOR 1ST SUBMISSION		K.M.	
02	ISSUED FOR 2ND SUBMISSION	2023/12/20	K.M.	



5770 Highway 7, Woodbridge, Ontario, L4L 1T8 www.greck.ca



THE ALTON DEVELOPMENT INC. 1402 QUEEN STREET ALTON, ON

L7K 0C3 PROJECT NAME:

AGNES STREET SUBDIVISION

AGNES STREET CALEDON, ON

**EROSION AND SEDIMENT CONTROL** PLAN AND DETAILS

PROJECT No. 20-731 SCALES: DESIGNED BY: DRAWING No. CHECKED BY: K.M. HORIZONTAL: 1: 750 RAWN BY: /ERTICAL: SHEET No. DATE: MAR. 08, 2023

STANDARD No. 304