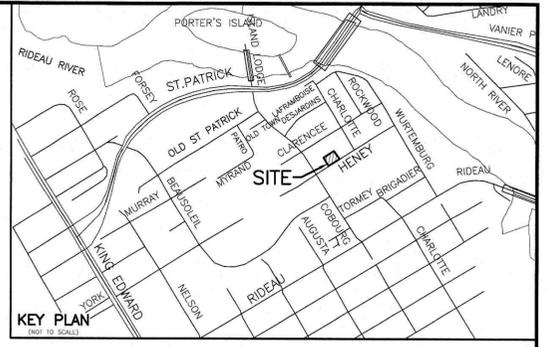


APPROVED
By Douglas James at 4:15 pm, Aug 28, 2018

Douglas James
DOUGLAS JAMES, MCIP, RPP
MANAGER, DEVELOPMENT REVIEW - CENTRAL
PLANNING, INFRASTRUCTURE & ECONOMIC
DEVELOPMENT DEPARTMENT, CITY OF OTTAWA

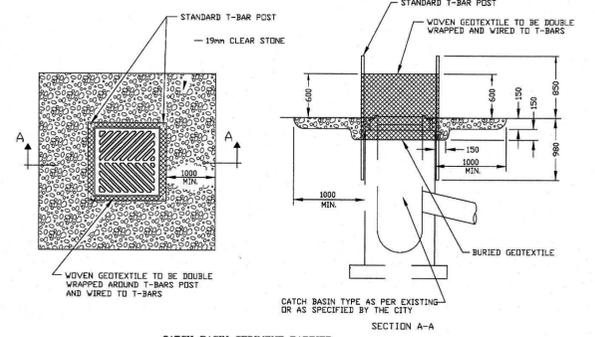
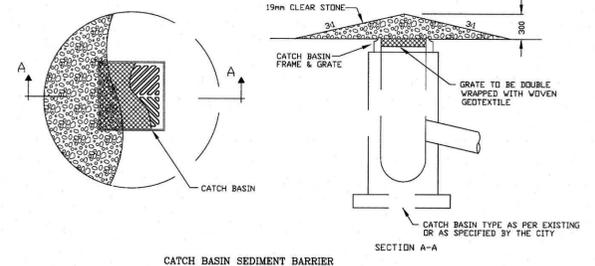


EROSION AND SEDIMENT CONTROL NOTES

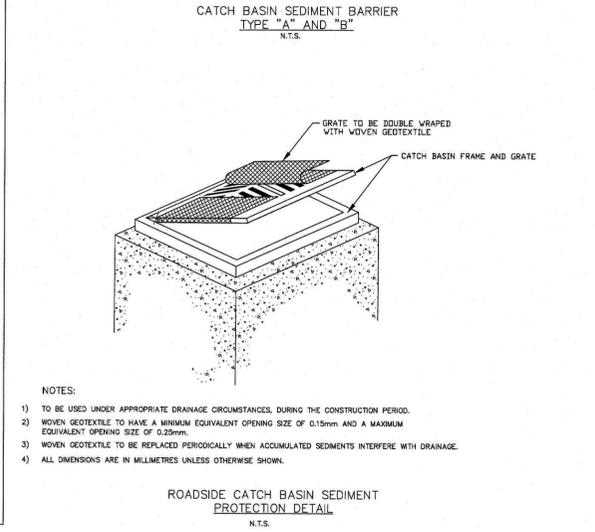
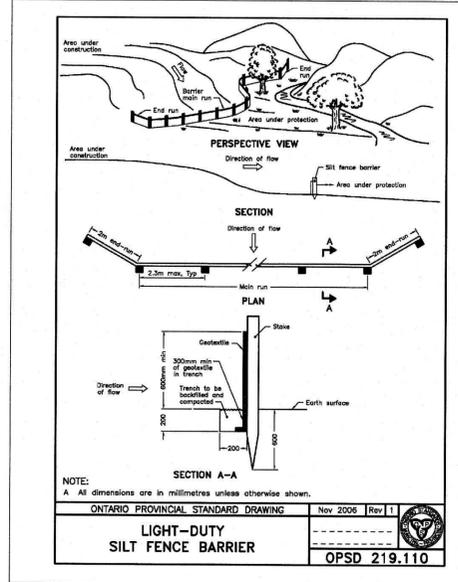
- BEST MANAGEMENT PRACTICES
- EROSION AND SEDIMENT CONTROLS (BEST MANAGEMENT PRACTICES) SHALL BE PROVIDED DURING CONSTRUCTION OF THIS PROJECT. EROSION MUST BE MINIMIZED AND SEDIMENTS MUST BE REMOVED FROM CONSTRUCTION SITE RUNOFF IN ORDER TO PROTECT DOWNSTREAM AREAS. DURING ALL CONSTRUCTION, EROSION AND SEDIMENTATION SHOULD BE CONTROLLED BY THE FOLLOWING TECHNIQUES:

 1. MINIMIZE THE EXTENT OF EXPOSED SOILS.
 2. MINIMIZE THE AREA TO BE CLEARED AND GRUBBED.
 3. PROTECT EXPOSED SLOPES WITH PLASTIC OR SYNTHETIC MULCHES.
 4. INSTALL FILTER CLOTH BETWEEN FRAME AND COVER ON ALL PROPOSED CATCH BASINS AND CATCH BASIN MANHOLES AND ON ALL EXISTING CATCH BASINS THAT WILL RECEIVE RUNOFF FROM THE SITE. THE SOUTH NATION CONSERVATION AUTHORITY (SNCA) RECOMMENDS THAT GEOSOCK INSERTS WITH OVERCROWS BE USED INSTEAD OF THE PROPOSED FILTER CLOTH UNDER MANHOLE / CATCH BASIN COVERS DUE TO POTENTIAL FOR CLOGGING.
 5. INSTALL SILT FENCES AROUND THE PERIMETER OF STOCKPILES OF TOPSOIL TO BE USED OR REMOVED FROM SITE. (LOCATION TO BE DETERMINED).
 6. SEDIMENT CONTROL DEVICES SHALL BE INSPECTED DAILY AND CLEANED OF ANY ACCUMULATED SILT AS REQUIRED. THE DEPOSITS WILL BE DISPOSED OF AS PER THE REQUIREMENTS OF THE CONTRACT.
 7. IN SOME CASES SOME FILTER BARRIERS MAY BE REMOVED TEMPORARILY TO ACCOMMODATE CONSTRUCTION OPERATIONS. THE AFFECTED BARRIERS WILL BE REINSTATED AT NIGHT WHEN CONSTRUCTION IS COMPLETED. REMOVAL SHALL NOT OCCUR IF RUNOFF OR RAINFALL IS PREDICTED UNLESS A NEW DEVICE HAS BEEN INSTALLED TO PROTECT THE EXISTING STORM AND SANITARY SEWER SYSTEMS.
 8. NO REFUELING OR CLEANING OF EQUIPMENT IS PERMITTED NEAR ANY EXISTING WATERWAYS.
 9. DURING THE CONSTRUCTION PERIOD, THE CONTRACTOR SHALL INSPECT, MAINTAIN AND REMOVE THE CONTROL MEASURES.
 10. THIS PROPOSED EROSION AND SEDIMENT CONTROL PLAN IS CONSIDERED BY (SNCA) A LIVING DOCUMENT WHICH MAY BE MODIFIED IN THE EVENT THE CONTROL MEASURES ARE INSUFFICIENT.

LEGEND
SILT FENCE BARRIER LOCATION



- NOTES:**
- 1) CATCH BASIN LIFT HOLES TO BE FARGED WITH CONCRETE.
 - 2) WOVEN GEOTEXTILE TO HAVE A MINIMUM EQUIVALENT OPENING SIZE OF 0.15mm AND A MAXIMUM EQUIVALENT OPENING SIZE OF 0.25mm.
 - 3) ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SHOWN.



- NOTES:**
- 1) TO BE USED UNDER APPROPRIATE DRAINAGE CIRCUMSTANCES, DURING THE CONSTRUCTION PERIOD.
 - 2) WOVEN GEOTEXTILE TO HAVE A MINIMUM EQUIVALENT OPENING SIZE OF 0.15mm AND A MAXIMUM EQUIVALENT OPENING SIZE OF 0.25mm.
 - 3) WOVEN GEOTEXTILE TO BE REPLACED PERIODICALLY WHEN ACCUMULATED SEDIMENTS INTERFERE WITH DRAINAGE.
 - 4) ALL DIMENSIONS ARE IN MILLIMETRES UNLESS OTHERWISE SHOWN.

NO.	REVISION	DATE	BY
2	REVISIONS AS PER CITY COMMENTS OF NOV-10/17 AND ARCHITECT'S REVISED SITE PLAN OF APRIL 10, 2018	04/23/18	T.L.M.
1	REVISIONS AS PER ARCHITECT'S REVISED SITE PLAN OF JULY 18, 2017	07/27/17	T.L.M.

Professional Engineer's Stamp for T.L. Mak, Ontario Provincial Standard Drawing, Nov 2008, Rev 1, OPSD 219.110.

SCALE: 1:100 HORIZONTAL, 1:10 VERTICAL

DESIGN: T.L.M.
CHECKED: T.L.M.
DRAWN BY: G.U.
CHECKED: T.L.M.
APPROVED: T.L.M.

PROJECT: 33 HENEY STREET, PART OF LOT B, REGISTERED PLAN 43586, CITY OF OTTAWA

DRAWING TITLE: PROPOSED EROSION AND SEDIMENT CONTROL PLAN

T.L. MAK ENGINEERING CONSULTANTS LTD. CONSULTING ENGINEERS

PROJECT No. 817-6, DATE: APRIL 2017, DRAWING No. ESC-1