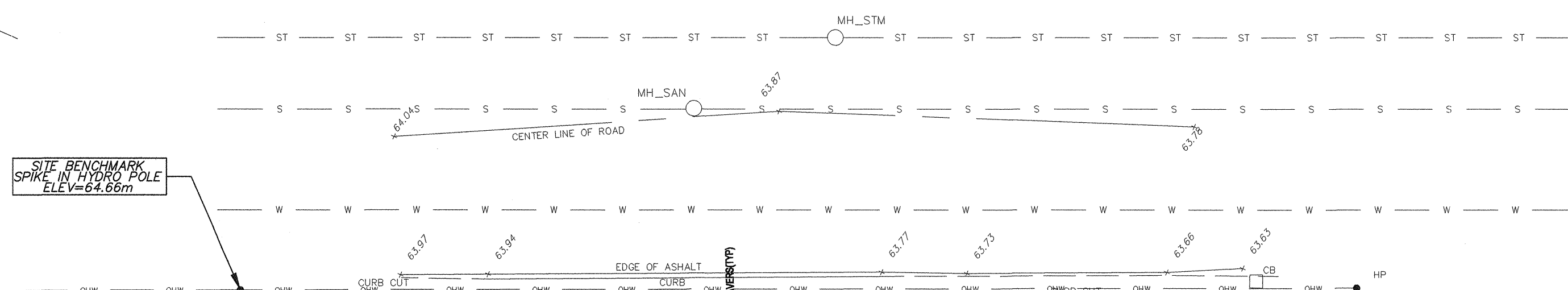
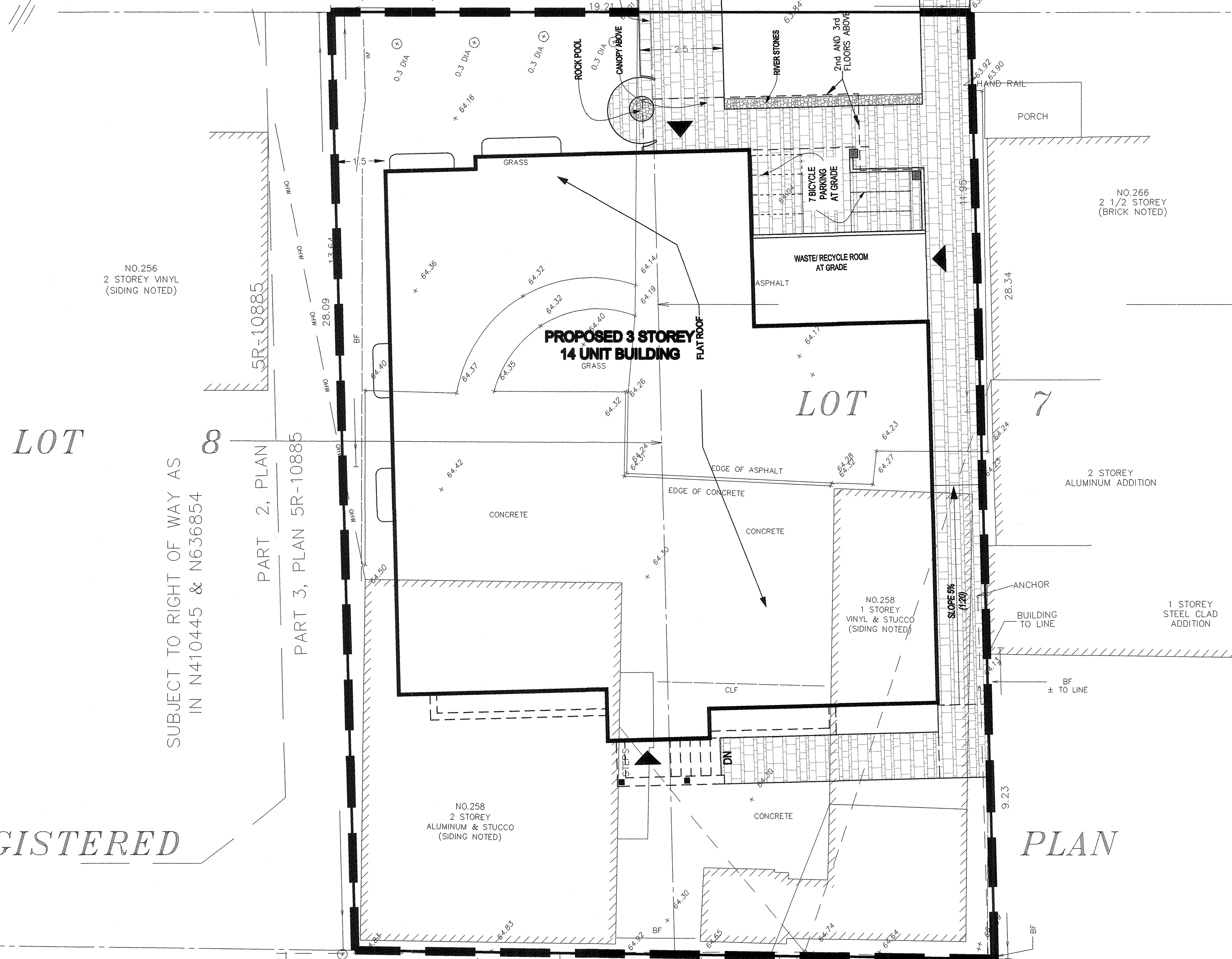


(LOCALLY KNOWN AS)  
**CARRUTHERS AVENUE**  
(FORMERLY CAVE STREET PER REGISTERED PLAN 83)



SITE BENCHMARK  
SPIKE IN HYDRO POLE  
ELEV=64.66m



REGISTERED

PLAN

83

REGISTERED

PLAN

109

**EROSION AND SEDIMENT CONTROL NOTES**

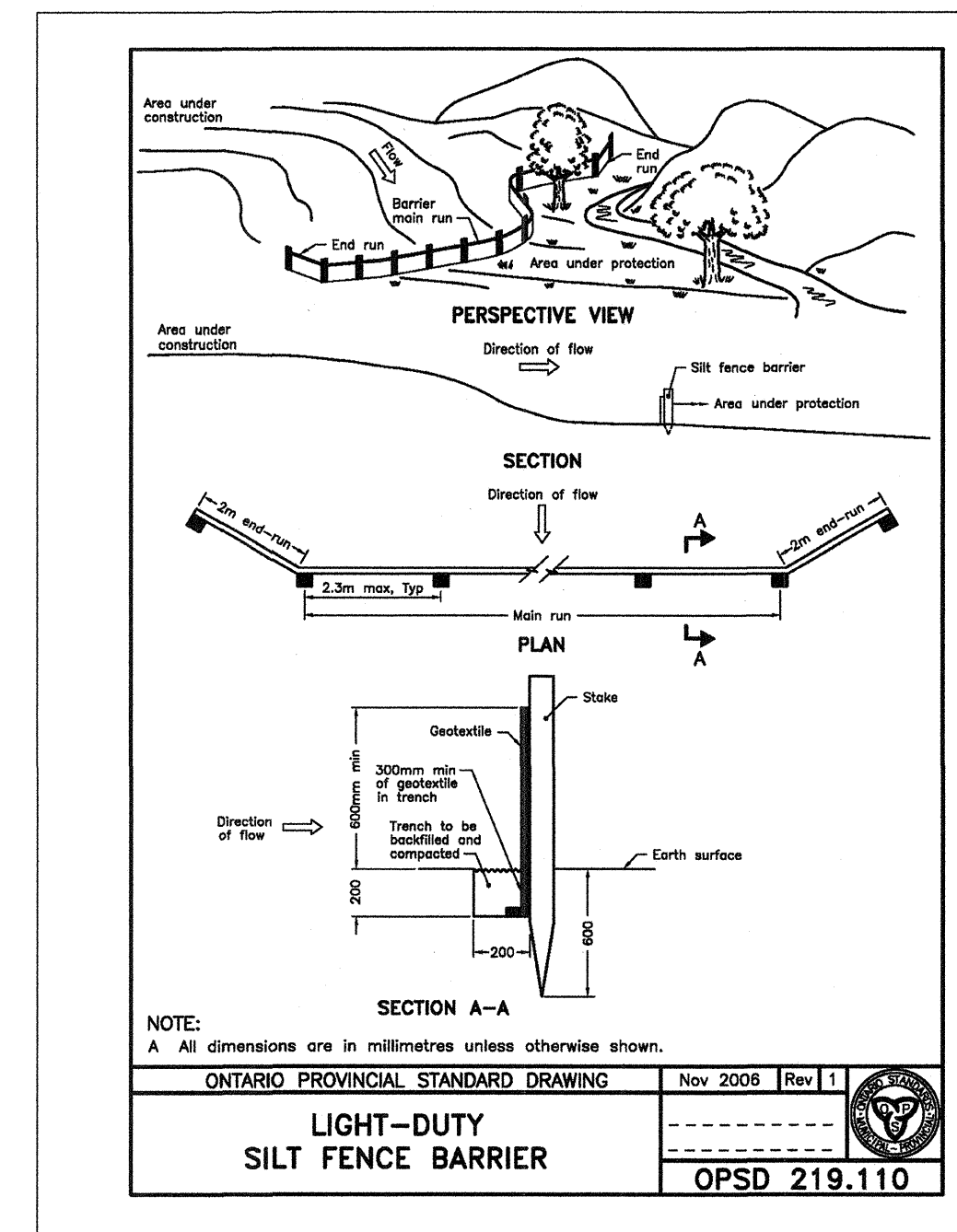
• BEST MANAGEMENT PRACTICES

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 GEOTEXTILE INSERTS WITH OVERFLOWS BE USED INSTEAD OF THE PROPOSED FILTER CLOTH UNDER MANHOLE / CATCH BASIN COVERS DUE TO POTENTIAL FOR CLOSING.
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 REINSTALLED 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 REFUELLING 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 LOAN DOCUMENT WHICH MAY BE MODIFIED IN THE EVENT THE CONTROL MEASURES ARE INSUFFICIENT.

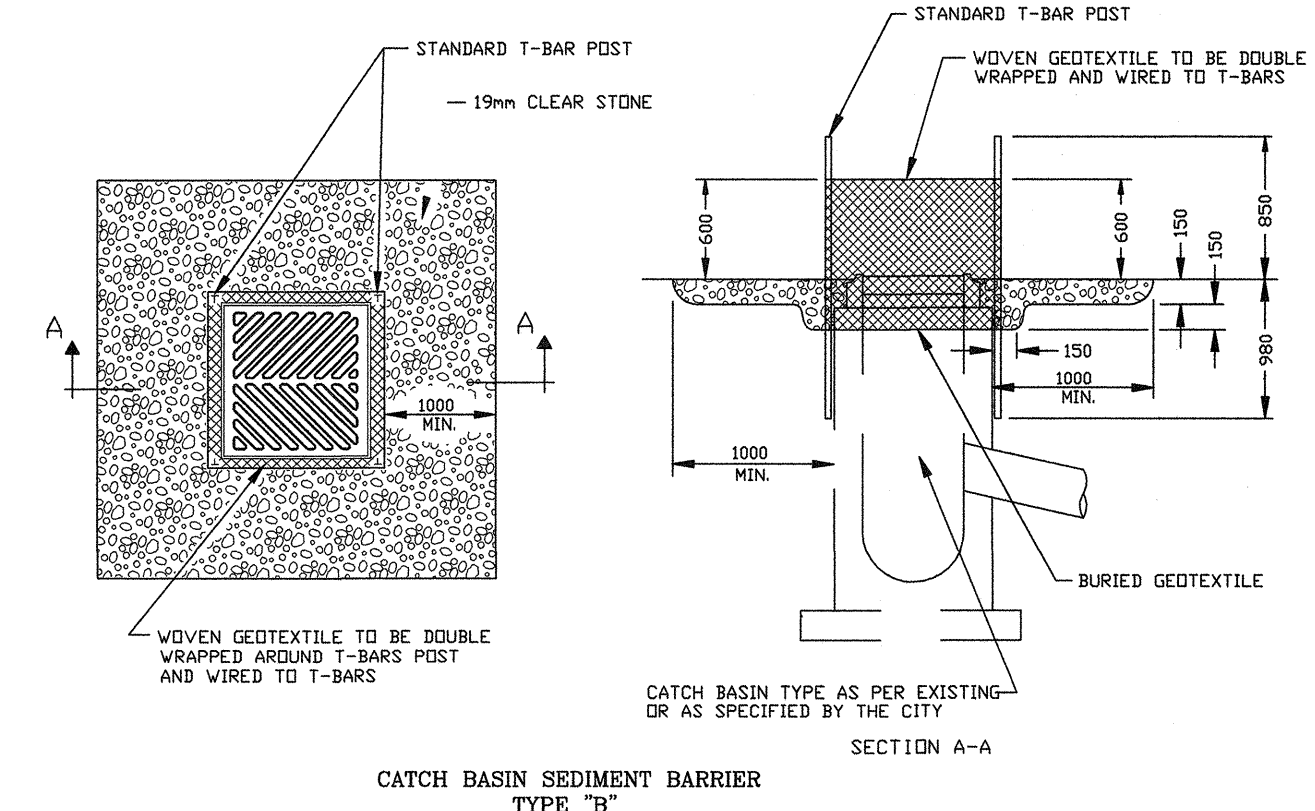
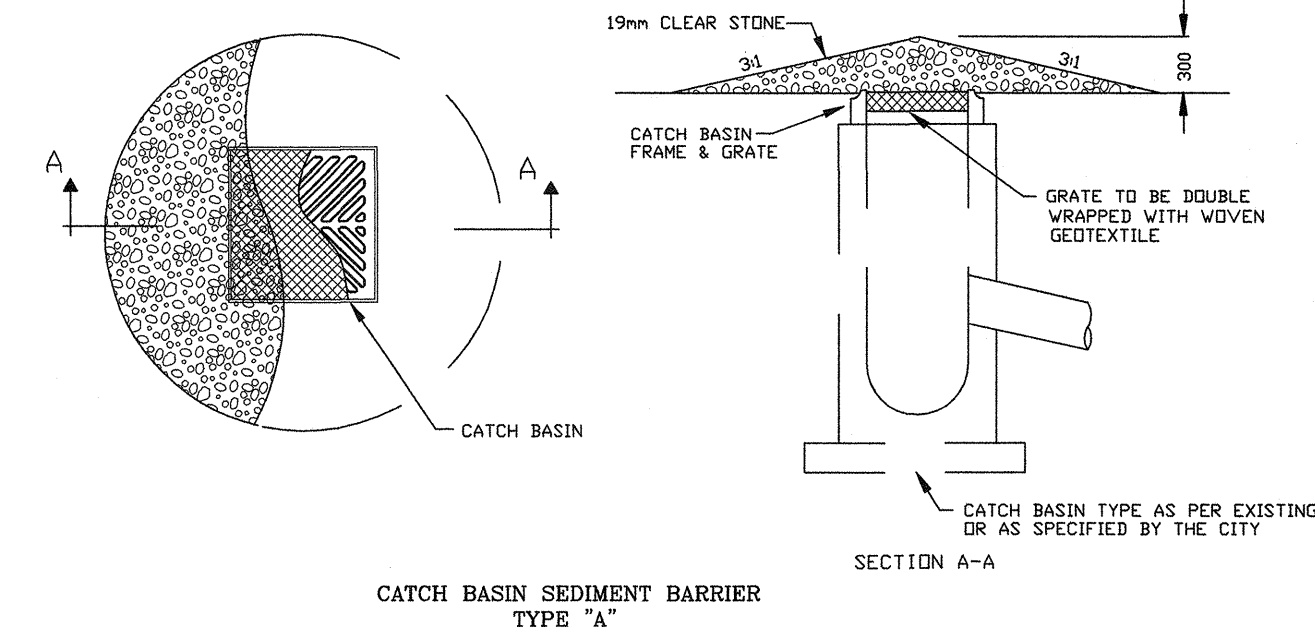
**LEGEND**

— SILT FENCE BARRIER LOCATION



NOTE:  
A All dimensions are in millimetres unless otherwise shown.

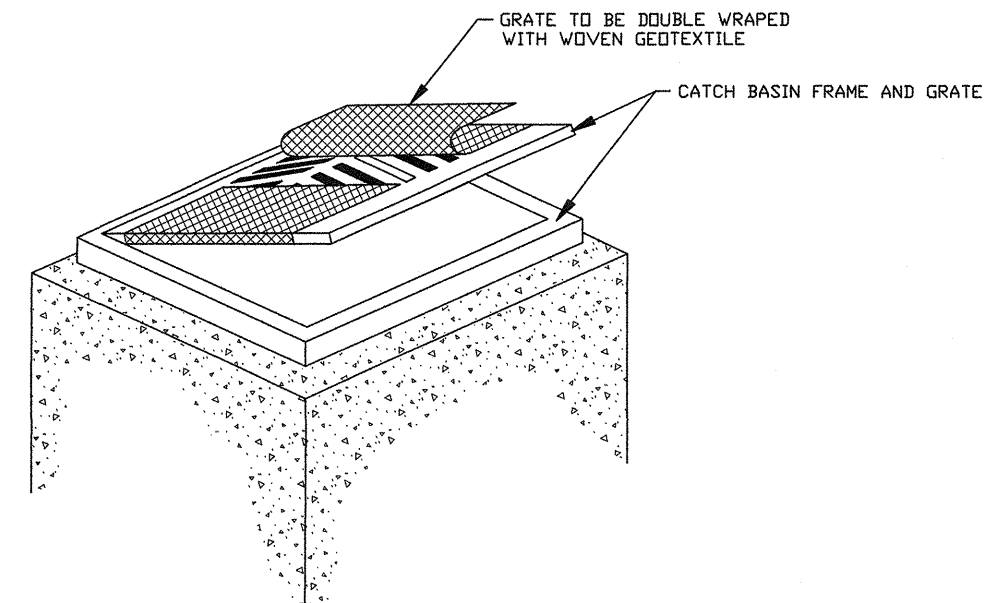
ONTARIO PROVINCIAL STANDARD DRAWING  
LIGHT-DUTY  
SILT FENCE BARRIER  
Nov 2006  
OPSD 219.110



**NOTES:**

- 1) CATCH BASIN LIFT HOLES TO BE PARGED 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.

**CATCH BASIN SEDIMENT BARRIER TYPE "A" AND "B" N.T.S.**



**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.

**ROADSIDE CATCH BASIN SEDIMENT PROTECTION DETAIL N.T.S.**

LOT 11  
LOT 10

LOT 8

SUBJECT TO RIGHT OF WAY AS  
IN N410445 & N636854

PART 2, PLAN  
5R-10885

PART 3, PLAN 5R-10885

LOT 160

LOT 159

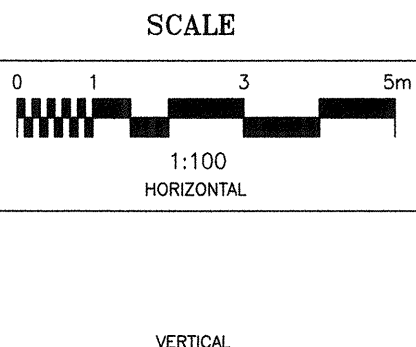
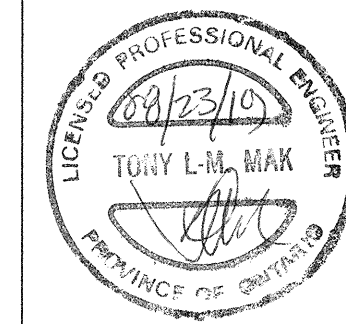
LOT 1

REGISTERED

PLAN

88291

NO.	REVISION	DATE	BY
3	CITY OF OTTAWA FILE NUMBER AND PLAN NUMBER ADDED TO THE DRAWING	08/22/19	TLM
2	REVISIONS AS REVISED SITE PLAN RECEIVED ON APRIL 18/19 AND CITY REVIEW COMMENTS	05/07/19	TLM
1	REVISIONS AS PER ARCHITECT'S NEW SITE PLAN OF APRIL 17, 2019	04/29/19	TLM



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

PROJECT  
258 CARRUTHERS AVENUE  
PART OF LOTS 7 AND 8  
REGISTERED PLAN 83  
CITY OF OTTAWA  
DRAWING TITLE  
**PROPOSED EROSION AND SEDIMENT CONTROL PLAN**



**T.L. MAK ENGINEERING CONSULTANTS LTD.**  
CONSULTING ENGINEERS

PROJECT No.	DATE	DRAWING No.
816-86	SEPTEMBER 2018	ESC-1

# 17976

D07-12-18-0163