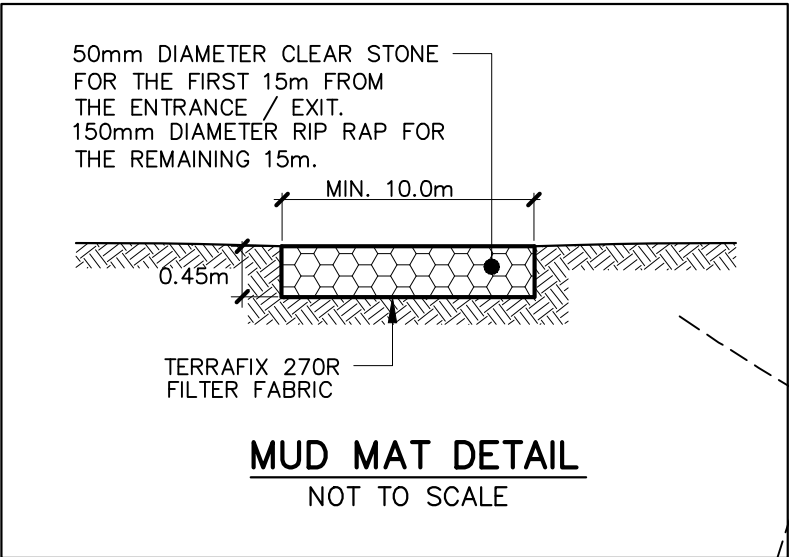
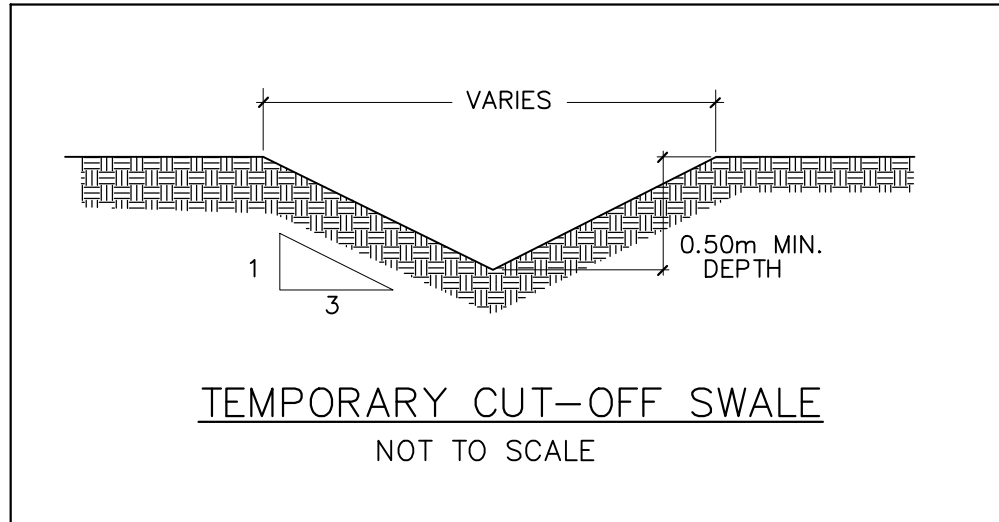
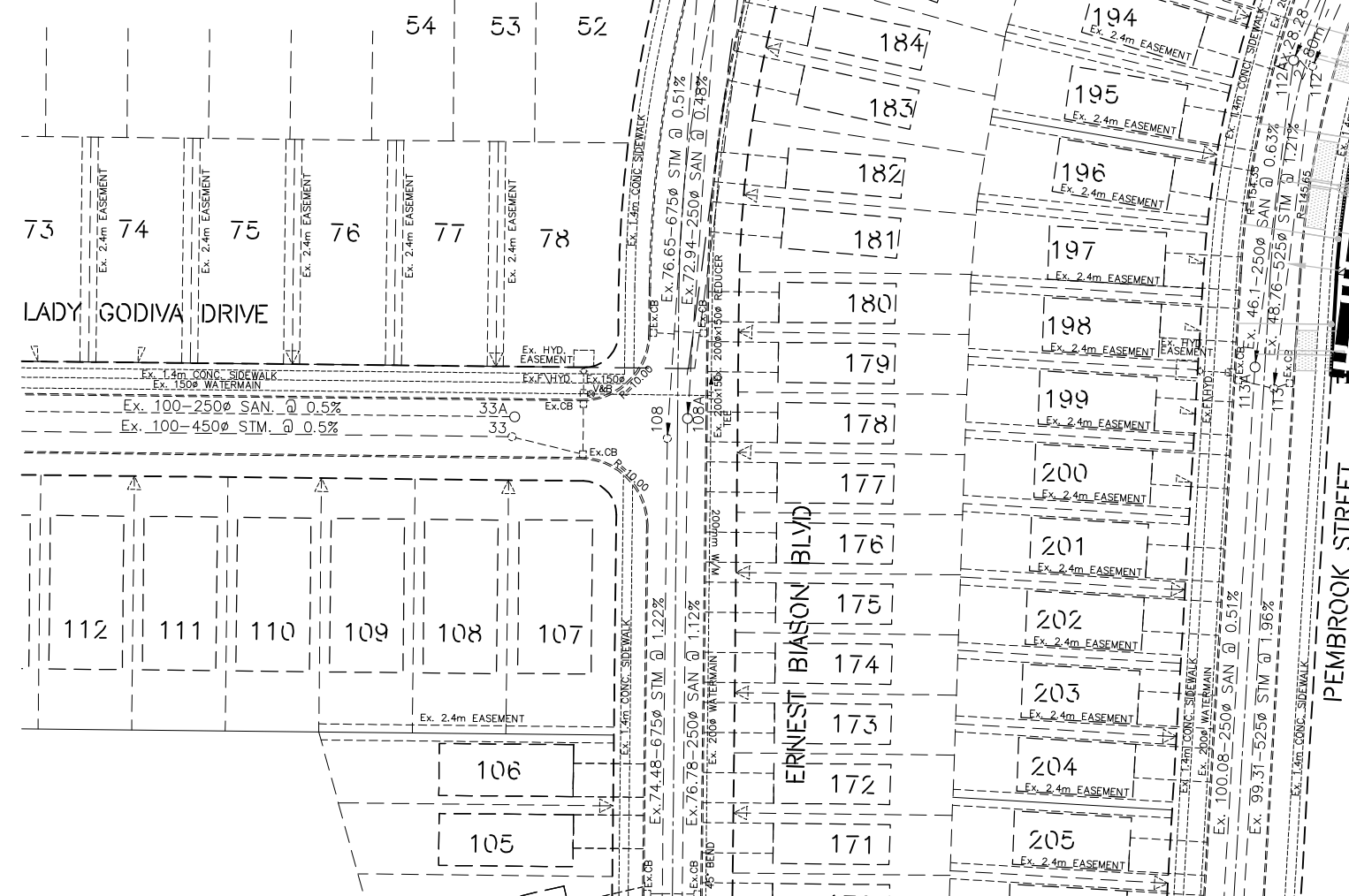




Town of Caledon Erosion and Sediment Control Notes

- All Erosion and Sediment Control (ESC) measures must be installed prior to the commencement of works on site and shall be maintained during all construction phases of the works.
- The ESC strategies outlined on this plan are not static and may need to be upgraded/amended as site conditions change to prevent sediment release outside the work area. The Town is to be advised of any changes to ESC measures, and at the discretion of the Town, updated plans may be required.
- ESC monitoring for the subdivision will be conducted by an environmental monitor (EM), a Rand Engineering representative, to assure construction activities comply with the environmental provisions and agency permits. The EM should submit inspection forms electronically to the Town and Conservation Authority within two days after the completion date.
- The contractor is responsible for maintaining all ESC measures in working condition at all times to the satisfaction of the Town and/or Conservation Authority. All damaged ESC measures should be repaired and/or replaced within 48 hours of the inspection.
- The contractor shall routinely inspect all ESC devices to ensure property working order. Frequency of inspections of ESC measures is as follows:

During earthworks activities:
 - On a weekly basis;
 - Prior to predicted rainfall events;
 - After every rainfall event;
 - After significant snowmelt event; and
 - Daily during extended rain or snowmelt periods.
During times of no earthworks activity:
 - On a weekly basis;
 - After significant snowmelt events;
 - After significant rainfall events (more than 10mm of rainfall in a 24 hour period).
- All construction vehicles must enter and exit the site only from the approved access route(s) as shown on the plans. Construction access will be maintained to the satisfaction of the Town/Region. Street sweeping is required as needed.
- No construction activity or machinery shall be allowed beyond the silt fence or limits of the site works.
- The contractor is responsible to implement dust control measures and construction best practice guidelines as approved by the Town and/or Conservation Authority.
- All disturbed ground left inactive for 30 days shall be vegetated, subject to weather conditions. Disturbed areas are to be hydroseeded (or approved equivalent) to the satisfaction of the Town.
- Contractor shall take care and control spills, fluids and materials during construction to minimize risk to the environment.



PROPOSED CONSTRUCTION ACCESS
MUD MAT 10mX20m

QUEENSGATE BOULEVARD

OUTLET TO EX. DICB

TEMPORARY SEDIMENT CONTROL BASIN No. 1

AUTUMN OAK COURT

DRAINAGE AREA TO No. 1
= 1.73Ha

TEMPORARY CUT-OFF SWALE (TYP.)

DRAINAGE AREA TO No. 2
= 2.61Ha

CONSTRUCTION STAGING - STAGE 1

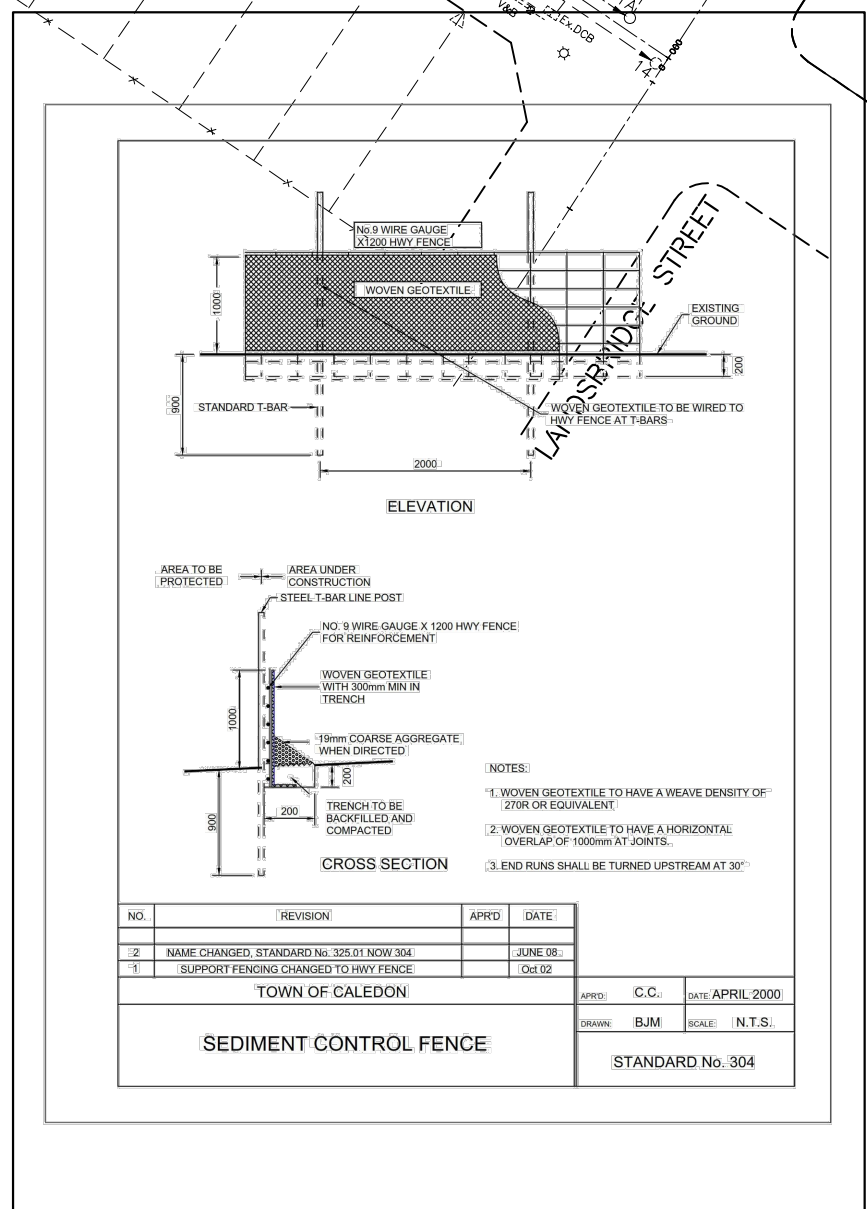
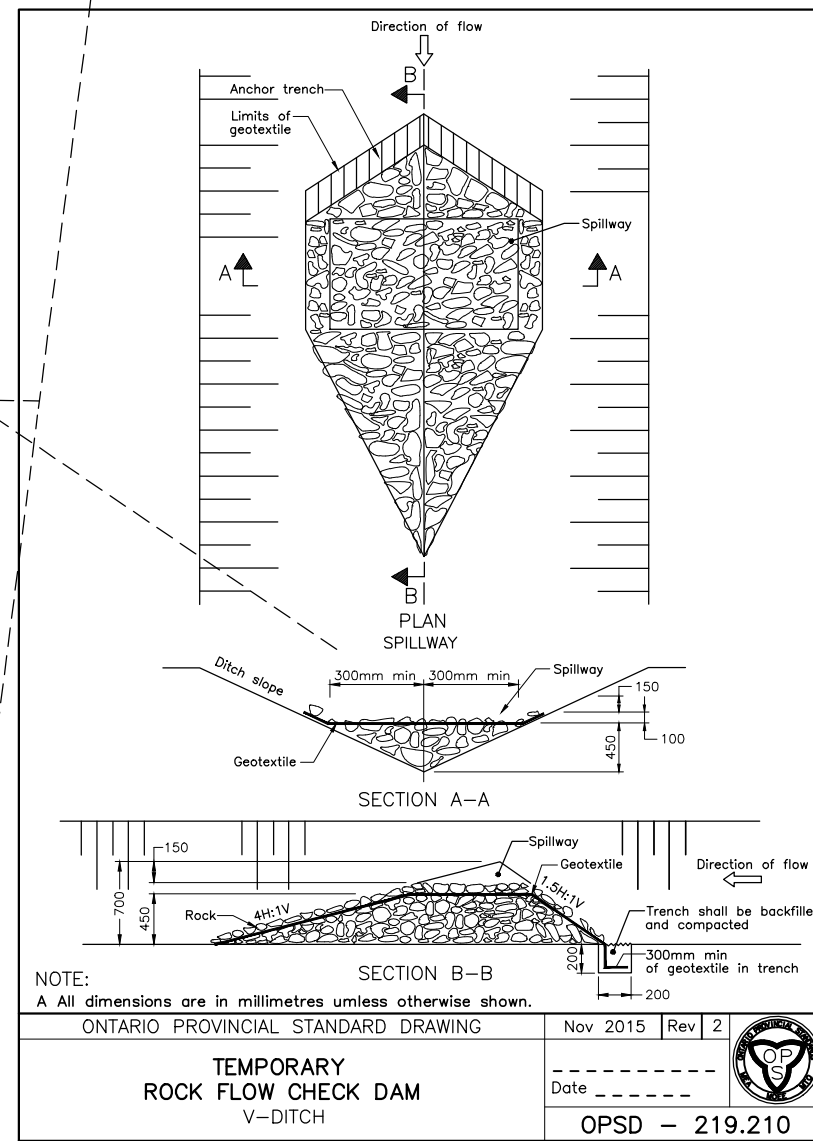
- SITE PREPARATION, CLEARING AND GRUBBING.
- INSTALL CONSTRUCTION ACCESS (MUD MATS).
- INSTALLATION OF SEDIMENT CONTROL FENCE.
- TOPSOIL STRIPPING AND GRADING WORKS.
- CONSTRUCTION OF SEDIMENT CONTROL BASIN AND DOWNSTREAM OUTLET SWALE.
- CONSTRUCTION OF TEMPORARY SWALE.
- INSTALLATION OF ROCK CHECK DAMS.

OUTLET TO EX. STM. MH

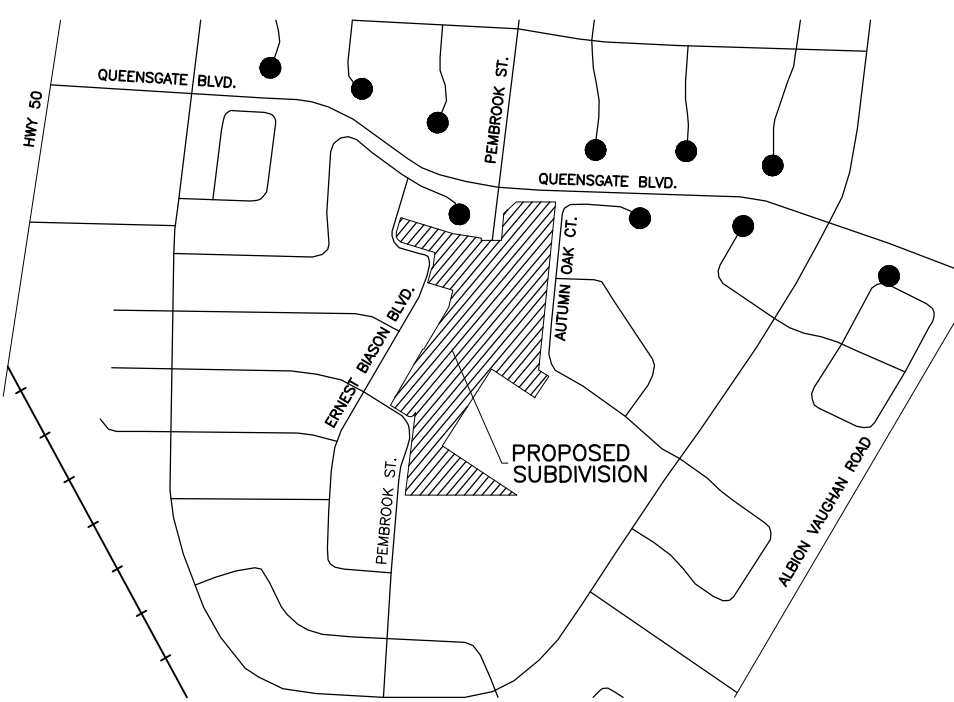
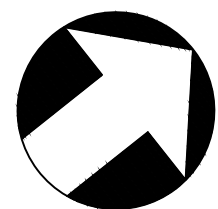
TEMPORARY SEDIMENT CONTROL BASIN No. 2

BLOCK 85 PARK

BLOCK 209 PARK



NOTE - ALL EXISTING TOPSOIL TO BE REMOVED OFF SITE.



LEGEND

- PROPERTY LINE
- DENOTES SEDIMENT CONTROL FENCE (STD. 304)
- DENOTES DOUBLE SILT FENCE
- DENOTES DRAINAGE BOUNDARY
- DENOTES TEMPORARY CUT-OFF SWALE
- DENOTES EXISTING CONTOUR
- DENOTES DIRECTION OF DRAINAGE
- DENOTES ROCK CHECK DAM
- DENOTES SEDIMENT TRAP
- DENOTES MUD MAT

MONITORING OF SEDIMENT AND EROSION CONTROLS

DURING CONSTRUCTION, MONITORING OF CONTROL MEASURES TO BE COMPLETED BY RAND ENGINEERING REPRESENTATIVE AND INCLUDE THE FOLLOWING:

- VERIFICATION OF ALL ESC MEASURES IN ACCORDANCE WITH THE ESC PLANS.
- COMPLETION OF A DAILY REVIEW OF WEATHER FORECASTS.
- COMPLETION OF A DAILY INSPECTION DURING PERIODS OF SIGNIFICANT RAINFALL EVENTS GREATER THAN 24 HRS. OR THAW EVENTS.
- COMPLETION OF AN INSPECTION, WHERE POSSIBLE, 24 HRS. PRIOR TO AND WITHIN 24 HRS. AFTER RAINFALL EVENTS EXCEEDING REGIONALLY SIGNIFICANT VALUES OR WHEN STORM WARNING ARE ISSUED.
- COMPLETION OF AT LEAST ONE INSPECTION WEEKLY.
- COMPLETION OF AT LEAST ONE INSPECTION SEMI-MONTHLY WHEN NO CONSTRUCTION TAKE PLACE.
- DOCUMENTATION OF ALL CONDITIONS AND REPORTING TO TRCA AND TOWN OF CALEDON BI-WEEKLY.
- RE-INSPECTION OF AREAS WHERE THE INSPECTION OR MAINTENANCE WORKS HAVE BEEN COMPLETED.

TOWN OF CALEDON APPROVED AS NOTED

THIS APPROVAL CONSTITUTES A GENERAL REVIEW AND DOES NOT CERTIFY DIMENSIONAL ACCURACY
THIS APPROVAL IS SUBJECT TO FURTHER CERTIFICATION OF THE "AS RECORDED" WORKS BY A PROFESSIONAL ENGINEER OF THE PROVINCE OF ONTARIO

DATE: _____ APPROVED BY: _____
PRINT NAME: _____

BENCH MARK:
ELEVATIONS ARE GEODETIC AND ARE REFERRED TO MTO BENCHMARK No. 00819758056, HAVING AN ELEVATION OF 251.263 METRES.

Originally Approved By The
Region of Peel

CARANTANIA INVESTMENTS (BT) INC.

RAND
ENGINEERING

5285 Solar Drive
Mississauga, ON
Canada, L4W 5B8
Tel: 905.625.9500

Region of Peel
Public Works



PRELIMINARY SEDIMENT CONTROL PLAN

Scale	1:1000	Project No.	20036
Designed By	T.A.	Drawn By	ACAD
Checked By	T.A.	Date	FEBRUARY 2021
		Drawing No.	SC-1