

EROSION AND SEDIMENT CONTROL GENERAL NOTES

The following general notes are for Removals and Erosion and Sediment Control works only. Additional general notes are to be referenced from the Servicing and Grading Drawing. All Notes and General Notes shall be read in conjunction with the Contract Specifications.

1 GENERAL

- a. Construction shall be in conformance with the EPA 832/R-92-005, Chapter 3, and the "Ontario Occupational Health and Safety Act and Regulations for Construction Projects".
- b. All dimensions are in metres or millimetres.
- c. The position of existing poles, overhead lines, conduits, watermains, sewers and other underground or aboveground utilities, structures and appurtenances is not necessarily shown on the drawings, and where shown, the accuracy of the position of such utilities is not guaranteed.
- d. Prior to construction, the contractor shall obtain all necessary utility stakeouts to verify the location of any Hydro, Bell, Cable TV or Gas utility lines, and where required, provide adequate protection of existing utility lines and plant. Before commencing construction, the contractor shall satisfy himself of the exact location of all existing utilities and structures, and assume all liability resulting from damage to them during the course of construction.
- e. The Contractor shall be responsible for maintaining positive surface drainage for the duration of the construction period.
- f. All geotechnical information, including borehole logs and engineered-fill specifications, are to be obtained from the Geotechnical Consultant.
- g. Construction shall not commence until all utility locations have been verified and all permits have been received.

2 SITE CONTROL MEASURES

- a. The contractor shall be responsible for the condition of the site at all times.
- b. If construction is interrupted and/or inactivity exceeds 30 days, stripped/bare areas will be stabilized by seeding.
- c. The development area for stripping and excavation is approximately 0.214ha.

- d. All erosion and sediment control measures including the sedimentation fencing, catchbasin control device, mud mat and other erosion control measures shall be installed prior to commencement of any earth moving.
- e. Contractor shall notify the Consultant 48 hours prior to the commencement of grading activities of construction.
- f. All roadside catchbasins to have sediment protection as per detail on this drawing. Sediment protection barrier to be maintained on a regular basis or to the satisfaction of the City of Toronto.
- g. All sediment removed from sediment traps shall be disposed off-site in locations acceptable to and in accordance with City regulations.
- h. Contractor shall be responsible for maintaining all erosion and sediment control devices in good working order at all times. The contractor shall inspect such devices at least once a week and after each rain fall event, and make all necessary repairs as required.
- i. Ongoing inspection, monitoring and maintenance of the siltation control fence shall be provided; relocation of the siltation control fence shall be undertaken during the course of construction when it is deemed necessary by the practitioner or when it is recommended by the environmental inspector.

3 TRAFFIC CONTROL AND MUD TRACKING

- a. Contractor to be responsible for all Traffic Control and Signage. Contractor is required to adhere to all conditions set out by the City of Toronto Transportation Department.
- b. During all construction phases, mud tracking control, consisting of flushing and sweeping roads, is to be provided for all roads, as warranted, in accordance with the City of Toronto mud tracking control policy.
- c. All construction vehicles to enter and leave the site at approved locations only. All vehicles must travel over a vibratory mud mat when leaving the site.
- d. The Contractor is responsible for cleanup of mudtracking on a daily basis or on a more frequent basis if directed by the City or the Consultant.
- e. Contractor to limit construction activities within the Limits of Construction shown on the drawings. Contractor to restore all disturbed areas outside the working area to original conditions and to the satisfaction of the City of Toronto.
- f. If necessary, trucks shall be washed down before leaving the site.
- g. Contractor to conform to all City of Toronto Noise and Dust control standards and by-laws. The site must be wet down if necessary to control dust.

4 REMOVALS AND REINSTATEMENT

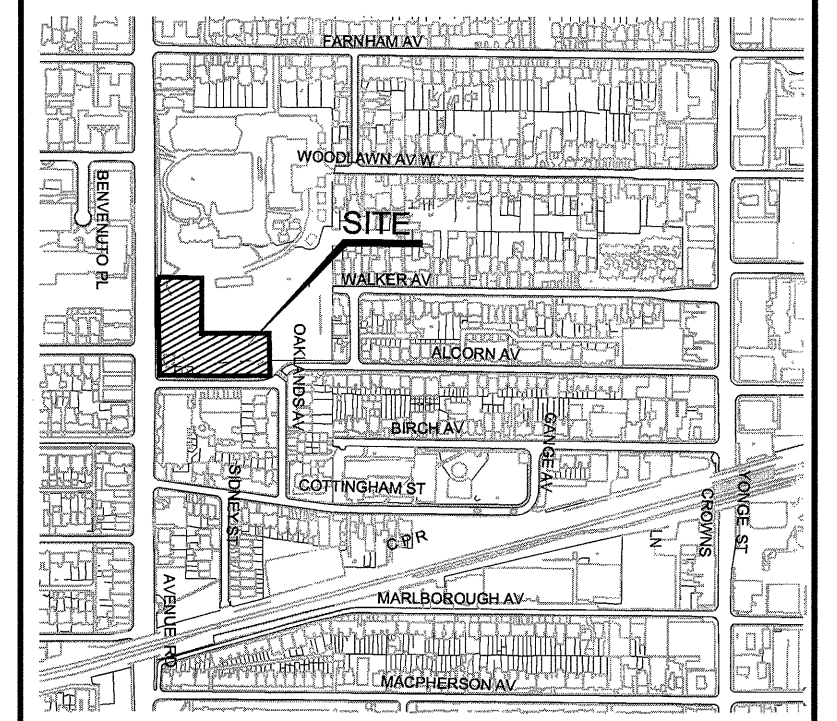
- a. All structures, surface treatments and materials removed from this site must be disposed of off-site meeting all regulations and requirements of the Ministry of the Environment and the City of Toronto.
- b. All site excavation and resulting drainage patterns shall not adversely affect adjacent lands.
- c. Any de-watering of excavations on this site must conform to the City of Toronto Sewer use by law.
- d. If any sewer or water services that are not identified on this plan are discovered on this site by the contractor, they shall notify the consultant immediately. If it is determined that the existing sewer or water service is abandoned or no longer required, the contractor shall remove the service and all associated structures to the limit of the property and dispose off-site. The existing service stub at the property line shall be plugged with a watertight plug. The Contractor shall then notify Toronto water of the abandoned service connection so that Toronto water can complete a formal disconnect of the municipal Service connection.
- e. All surface features to remain such as asphalt, curbs and sidewalks that are disturbed, damaged or removed during the contractor activities shall be reinstated to the original condition.

5 CONSTRUCTION SEQUENCE

- Initial sediment control installation.....TBD
- Site excavating operations.....TBD
- Building construction.....TBD
- Final grading operations.....TBD

6 DECOMMISSIONING

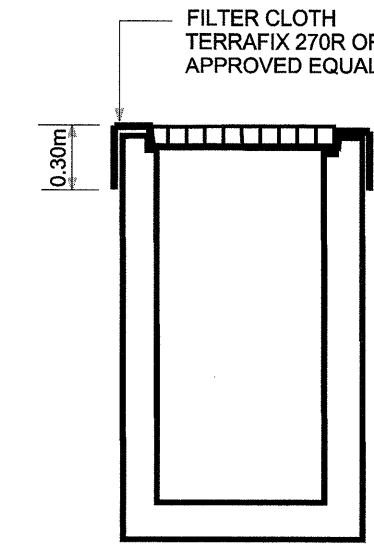
- a. Contractor shall be responsible for removal of all erosion and sediment control devices and structures once the site has stabilized.



KEY PLAN N.T.S.

LEGEND

- SILTATION CONTROL FENCE
- CATCHBASIN SEDIMENT CONTROL DEVICE
- 86.86 EXISTING ELEVATION
- MUD MAT

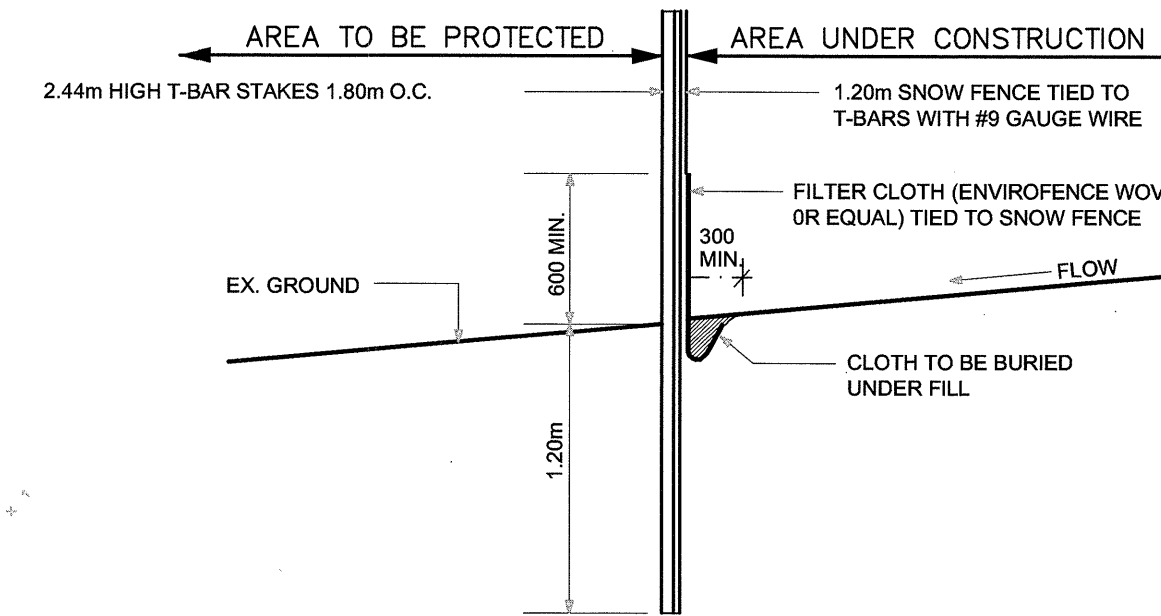


NOTE:

1. Inspection of sediment control measures for all catchbasins should be carried out immediately after heavy rainfall and daily during prolonged rainfall events.

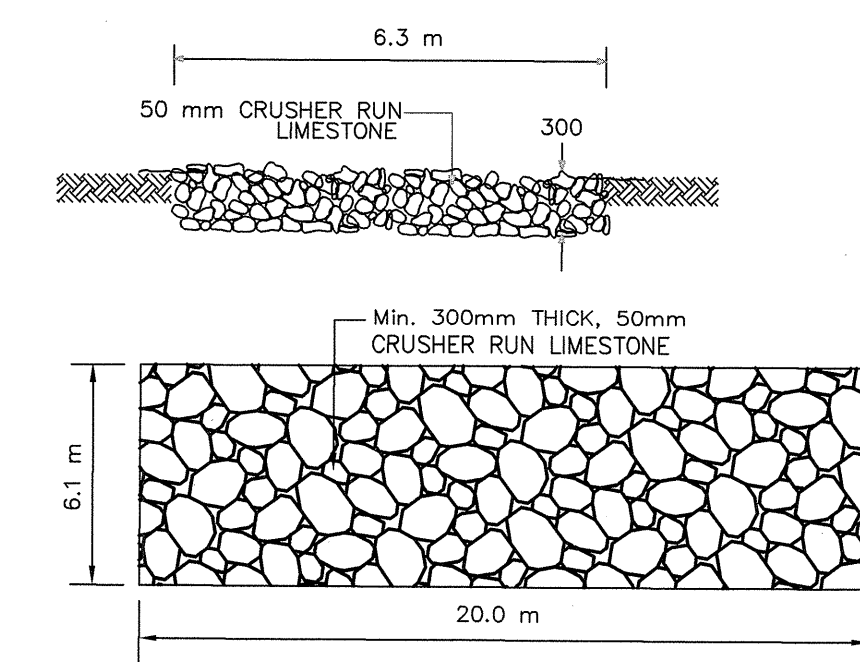
CATCHBASIN SEDIMENT CONTROL DEVICE

N.T.S.



SILTATION CONTROL FENCE

N.T.S.



MUD MAT DETAIL

N.T.S.

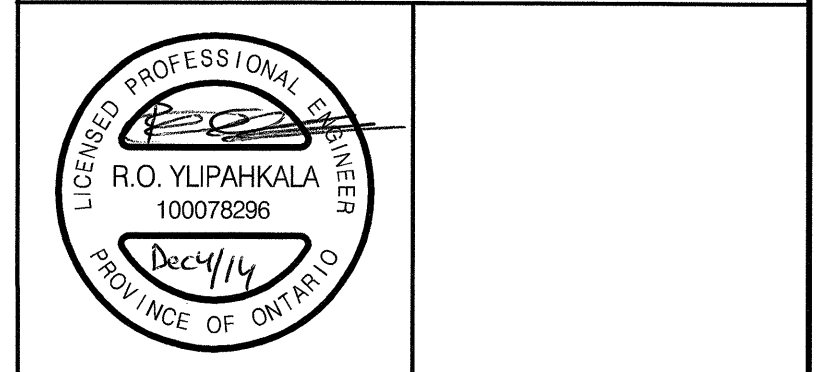
BENCHMARK

ELEVATIONS SHOWN ON THIS PLAN ARE RELATED TO GEODETIC DATUM AND ARE DERIVED FROM THE MUNICIPAL BENCHMARK No 12219741167 HAVING A PUBLISHED ELEVATION OF 144.514 METRES.

1	ISSUED FOR SPA	DEC 4/14	
No.	REVISIONS TO DRAWING	BY	DATE APPR.
ALL PREVIOUS ISSUES OF THIS DRAWING ARE SUPERSEDED			

CLIENT	CONICA GLEN HOME CORP.
MUNICIPALITY	CITY OF TORONTO
PROJECT TITLE	45 OAKLANDS AVE. TORONTO ONTARIO
SHEET TITLE	EROSION AND SEDIMENTATION CONTROL PLAN

MMM GROUP
 100 Commerce Valley Dr. West, Thornhill, ON Canada L3T 0A1
 t: 905.882.1100 f: 905.882.0055 www.mmm.ca



DESIGNED	R.Y.	DRAWN	10/12 CAD	CHECKED	
SCALE	1:300	DATE	OCT. 2014	DWG. NUMBER	ES-1
PROJECT NUMBER	10-14069				