



Special Notes for Buffer around the Woodlot:

The grading of the buffer and installation of the double catchbasin within the buffer to be completed at the same time and during the installation of the underground services. Mitigation measures and restoration to be implemented as described below:

1. **Heavy Equipment:** Heavy equipment (e.g. caterpillars, excavators, dump trucks) should not encroach within 5m of the staked dripline.
2. **Catchbasin:** To reduce the impact to tree roots, completion of the construction (i.e. excavation, installation of the catchbasin and connecting storm sewer, and re-instatement of soil), should be completed simultaneously to minimize exposure and drying out of root zones.
3. **Grading:** To all graded areas within the buffer the following treatments should be implemented:
 - a. **Tree Protection Fence (TPF):** Prior to construction, install tree protection fence within the buffer and 1 m (approximately) beyond the limit of all construction (e.g. grading, swales, catchbasin), in order to allow for work to occur. Following construction, including grading and installation of storm sewer, the TPF at the buffer limit.
 - b. Reinstatement topsoil on all graded areas.
 - c. Topsoil should be applied at a depth of 300mm (min.), be clean and suitable for growing forest edge plantings of seed mixes, shrubs and trees.
 - d. Finish grade topsoil within outer.
 - e. Stabilize the soil from erosion and rilling by applying the seed mix described below.

Note: The seed mix must be applied prior to the end of September to germinate, establish and be reasonably effective at stabilizing soil. After September, apply seed using terraced method, OR sow seeds and cover with erosion control fabric.

Early Succession Dry Prairie Meadow Seed Mix

Common Name	Botanical Name	% of Mix
Arrow-leaved Aster	Aster sagittifolius	2
Big Bluestem	Andropogongerardii	15
Brown-eyed Susan	Rudbeckiahirta	6
Common Milkweed	Asclepiasylhaca	4
Foxglove Beardtongue	Penstemon digitalis	5
Aster oenlangiensis	Azure Aster	5
Switch Grass	Panicumvirgatum	23
Virginia Wild Rye	Elymusvirgicus	15
Wild Bergamot	Monardafistulosa	2
		Total 100

Seed Application Rates:
Seed Mix: 20kg per hectare.
Nurse Crop (Annual Ryegrass Loliummultiflorum) at 15 kg per hectare.

4. Reference to be made to Edge Management drawings for detail of planting within the outer.
5. Air-spade technology to be utilized to de-compact soils within the buffer as directed by the landscape architect.

REVISIONS			
No.	DESCRIPTION	By	Date

BENCH MARK No. 17-5
GREEN PARK BUILDING LOCATED AT WEST SIDE OF DUFFERIN STREET AND SOUTH SIDE OF CONFEDERATION PARKWAY, SOUTH-WEST CORNER OF THE BUILDING 0.200m EAST OF SOUTH-FACE CORNER, SOUTH ABOVE GROUND ON COURTESY OFS SOUTH SIDE STREET. ELEVATION: 211.750

APPROVED AS TO FORM IN RELIANCE UPON THE PROFESSIONAL SKILL AND ABILITY OF SCHAEFFERS CONSULTING ENGINEERS AS TO DESIGN AND SPECIFICATION

DATE: APR. 20, 2016

DIRECTOR OF DEVELOPMENT ENGINEERING AND INFRASTRUCTURE PLANNING DEPARTMENT

NINE TEN WEST LIMITED
CARRVILLE DISTRICT CENTER - PHASE 1
BLOCK 11

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PROJECT No. **2014 - 4025** DRAWING No. _____

C A T I O N A L HORIZONTAL 0 2 4 6 8 10 12 14 16 18 20m



SECTIONS 1 TO 9

DESIGNED BY: T.A.	DATE: SEPTEMBER 2014	CHECKED BY: H.T.
DRAWN BY: I.V.		APPROVED BY: H.T.
SCALE: 1:200		DWG. No. SEC-1

NOTE:
1. FOR LOCATION OF SECTIONS 1 TO 9 REFER TO DWG. GR-2.

DRAWING SAMPLE - FOR REFERENCE ONLY