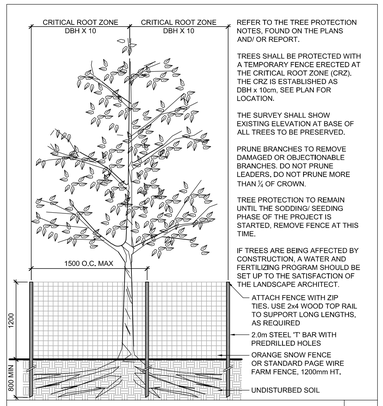


REFER TO THE TREE PROTECTION NOTES, FOUND ON THE PLANS AND/ OR REPORT.

TREES SHALL BE PROTECTED WITH A TEMPORARY FENCE ERECTED AT THE CRITICAL ROOT ZONE (CRZ). THE CRZ IS ESTABLISHED AS DBH x 10cm, SEE PLAN FOR LOCATION.

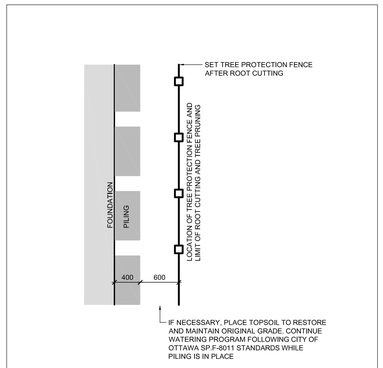
THE SURVEY SHALL SHOW EXISTING ELEVATION AT BASE OF ALL TREES TO BE PRESERVED.

PRUNE BRANCHES TO REMOVE DAMAGED OR OBJECTIONABLE BRANCHES. DO NOT PRUNE LEADERS. DO NOT PRUNE MORE THAN ⅓ OF CROWN.

TREE PROTECTION TO REMAIN UNTIL THE SODDING/ SEEDING PHASE OF THE PROJECT IS STARTED, REMOVE FENCE AT THIS TIME.

IF TREES ARE BEING AFFECTED BY CONSTRUCTION, A WATER AND FERTILIZING PROGRAM SHOULD BE SET UP TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT.

TREE PROTECTION | D1



PLAN VIEW OF ROOT CUTTING | D2

LANDSCAPE LEGEND:

- EXISTING TREE TO REMAIN
- EXISTING TREE TO REMOVE
- TREE PROTECTION FENCE
- TREE PROTECTION AND LOCATION OF ROOT CUTTING AND TREE PRUNING
- HERITAGE BOUNDARY
- PROPERTY LINE
- LOCATION OF PILING
- MEASURED CANOPY
- BUILDING FOUNDATION

TREE INVENTORY (Conducted October 2017):

No.	Botanical Name	Common Name	DBH (m)	CRZ (m)	Condition	Remarks	Recomm.
387	Acer rubrum	Red Maple	0.80	8.00	P	Black bark	PROTECT
388	Acer saccharum	Sugar Maple	0.55	5.50	G		PROTECT
389	Acer rubrum	Red Maple	0.35	3.50	G		PROTECT
390	Acer rubrum	Red Maple	0.35	3.50	G		PROTECT
391	Acer rubrum	Red Maple	0.70	7.00	F	Low vigour / Seams	PROTECT
392	Acer rubrum	Red Maple	0.12	1.20	G		PROTECT
393	Acer rubrum	Red Maple	0.70	7.00	P	Large seams / Branch stubs not healing	PROTECT
394	Acer rubrum	Red Maple	0.70	7.00	P	Branch stubs not healing	PROTECT
496	Acer rubrum	Red Maple	0.70	7.00	F	Wound at base / Cavity developing	PROTECT
497	Acer saccharinum	Silver Maple	1.10	11.00	F	Large darkface wound / Several seams	PROTECT
498	Acer saccharinum	Silver Maple	1.00	10.00	F	Few open wounds / Cavity / Internal rot	PROTECT
499	Acer rubrum	Red Maple	0.35	3.50	P	Significant V-crotch with wound	PROTECT
500	Acer rubrum	Red Maple	0.65	6.50	G	Seam	PROTECT
501	Acer rubrum	Red Maple	0.15	1.50	G		PROTECT
504	Acer rubrum	Red Maple	0.30	3.00	G		PROTECT
505	Acer saccharum	Sugar Maple	0.40	4.00	P	Major wound	**Conflict**
507	Acer saccharum	Sugar Maple	0.50	5.00	G		**Conflict**
508	Acer saccharum	Sugar Maple	0.50	5.00	F	Small branch wound / V-crotch	**Conflict**

PROTECT	Protect as per detail D1 and related notes
Conflict	Remove due to conflict with construction

TREE PROTECTION NOTES

The following protection measures must be implemented for retained trees, both on site and on adjacent sites, prior to any tree removal or site works and maintained for the duration of construction on site:

1. Under the guidance of a Landscape Architect or Certified Arborist, erect a fence at the critical root zone (CRZ) of trees where the CRZ is established as being 10 centimetres from the trunk of a tree for every centimetre of trunk diameter at breast height. The CRZ is calculated as DBH x 10cm. Refer to the Tree Protection Fence detail. See plan for fence location,
2. When trees to be removed overlap with the CRZ of trees to be preserved: cut roots at the edge of the CRZ and grind down stumps after tree removals, do not pull out stumps. Ensure there is not root pulling or disturbance of the ground within the CRZ.
3. If roots must be cut, roots 20mm or larger should be cut at right angles with clean, sharp horticultural tools without tearing, crushing, or pulling. Refer to City of Ottawa Specification S.P. F-8011 Tree Protection, Excavation of Root Zone.
4. Hand work only where required within the CRZ; absolutely no machinery permitted.
5. Do not place any material or equipment within the CRZ of any tree,
6. Do not attach any signs, notices or posters to any tree.
7. Do not disturb, raise or lower the existing grade within the CRZ without approval.
8. Only tunnel or bore when digging within the CRZ of a tree.
9. Do not damage the root system, trunk, or branches or any tree.
10. Ensure that exhaust fumes from all equipment are directed away from any tree canopy.

GENERAL NOTES

1. Execute root cutting with:
   - Clean cut with saw
   - Minimum 250mm below grade
2. Tree canopy to be pruned to the same limit as root cutting

No. D07-12-18-0040

NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

NOT FOR CONSTRUCTION

No.	REVISION	DATE	BY
4.	REVISED PER CITY COMMENTS	DEC 7/18	RJ
3.	ISSUED FOR COORDINATION	JUN 13/18	JP
2.	ISSUED WITH SITE PLAN APPLICATION	MAR 9/18	JP
1.	ISSUED FOR COORDINATION	DEC 4/17	JP

SCALE 1:300 (1:300, 0 3 6 9 12)

DESIGN MT
CHECKED JP
DRAWN MT
CHECKED JP
APPROVED RJ

FOR REVIEW ONLY

NOVATECH
Engineers, Planners & Landscape Architects
Suite 200, 240 Michael Cowpland Drive
Ottawa, Ontario, Canada K2M 1P6
Telephone (613) 254-9643
Facsimile (613) 254-5867
Website www.novatech-eng.com

LOCATION
CITY OF OTTAWA
Greystone Village Condo 2A-2B

DRAWING NAME
GRANDE ALLEE
TREE CONSERVATION PLAN

PROJECT No. 114025-00
REV REV # 4
DRAWING No. 114025-TCR

PLEASE PRINT 24X36" - RESIZING NOTED

M:\2014\114025\CAD\Landscape\Tree Con Report\114025-TC-GAllee.dwg, TCR, Dec 12, 2018 - 10:21am, mmuiten