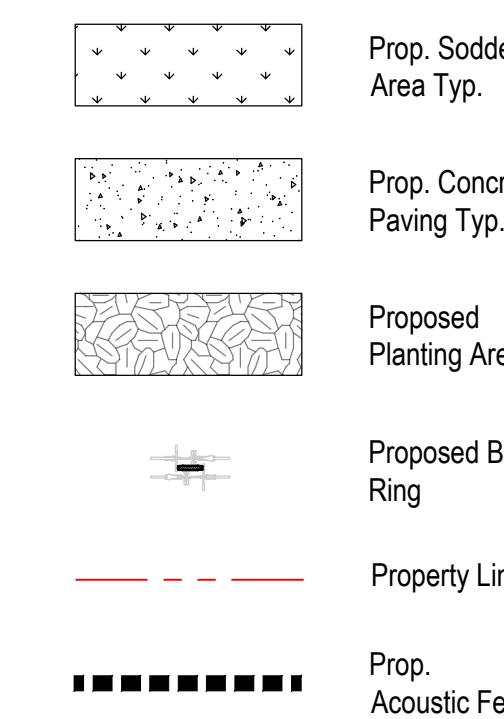
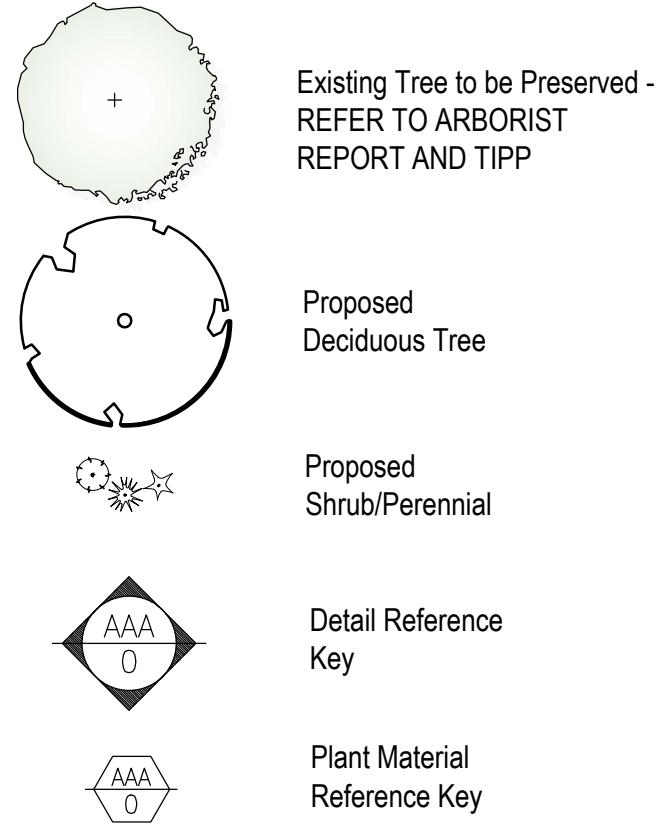
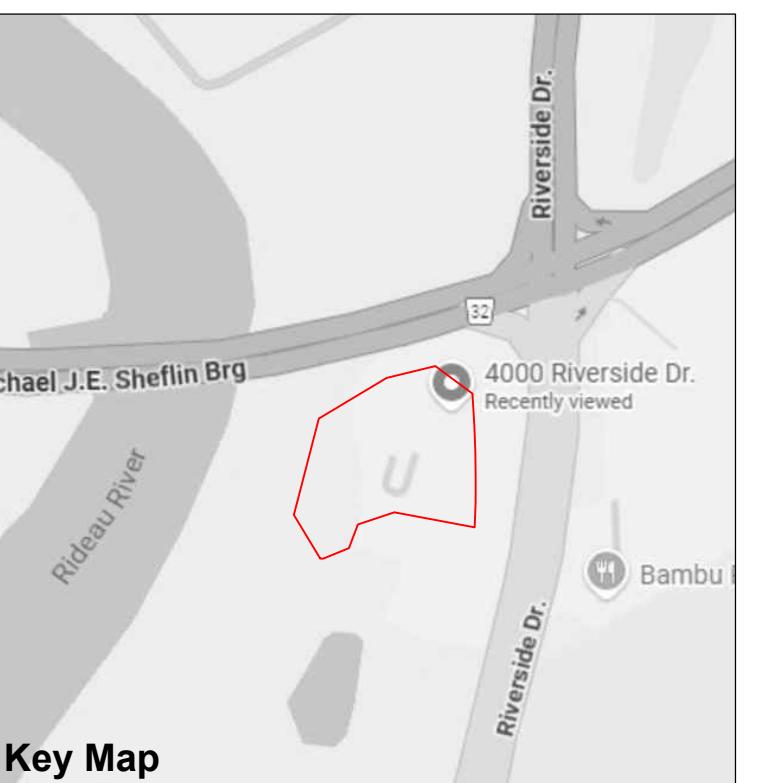


Legend



Proposed Plant Material List

KEY	QNTY	BOTANICAL NAME	COMMON NAME	HT/CAL	SPREAD	ROOT	DROUGHT TOLERANT	NATIVE	REMARKS
DECIDUOUS TREES									
ASC	3	<i>Acer saccharum</i>	Sugar Maple	70 mm		B.&B.	Yes	Yes	Full Form
AXF	2	<i>Acer x freemanii 'Jeffersred'</i>	Jeffersred Freeman Maple	70 mm		B.&B.	Yes	Yes	Full Form
GSK	2	<i>Gleditsia triacanthos 'Sunburst'</i>	Sunburst Honey-Locust	70 mm		B.&B.	Yes	Yes	Full Form
QRB	2	<i>Quercus rubra</i>	Red Oak	70 mm		B.&B.	Yes	Yes	Full Form
TCO	3	<i>Tilia cordata 'Greenspire'</i>	Greenspire Linden	70 mm		B.&B.	High	Yes	Full Form
CONIFEROUS TREES									
PGL	7	<i>Picea glauca</i>	White Spruce	200 cm		B.&B.	Yes	Yes	Full Form
TOW	59	<i>Thuja occidentalis</i>	White Cedar	100 cm		B.&B.	High	Yes	Full Form
DECIDUOUS SHRUBS									
DPL	28	<i>Dirca palustris</i>	Leatherwood	60 cm		C.G.	High	Yes	Full Form
PFA	60	<i>Potentilla fruticosa 'Abbottswood'</i>	Abbottswood White Potentilla	60 cm		C.G.	High	Yes	Full Form
CONIFEROUS TREES									
TCF	18	<i>Taxus cuspidata 'Fairview'</i>	Fairview Yew		65 cm	C.G.	Yes	No	Full Form
ORNAMENTAL GRASSES									
PVN	34	<i>Panicum virgatum 'Northwind'</i>	Northwind Switch Grass			2 Gal.	High	Yes	Full Form – Native



Architect:



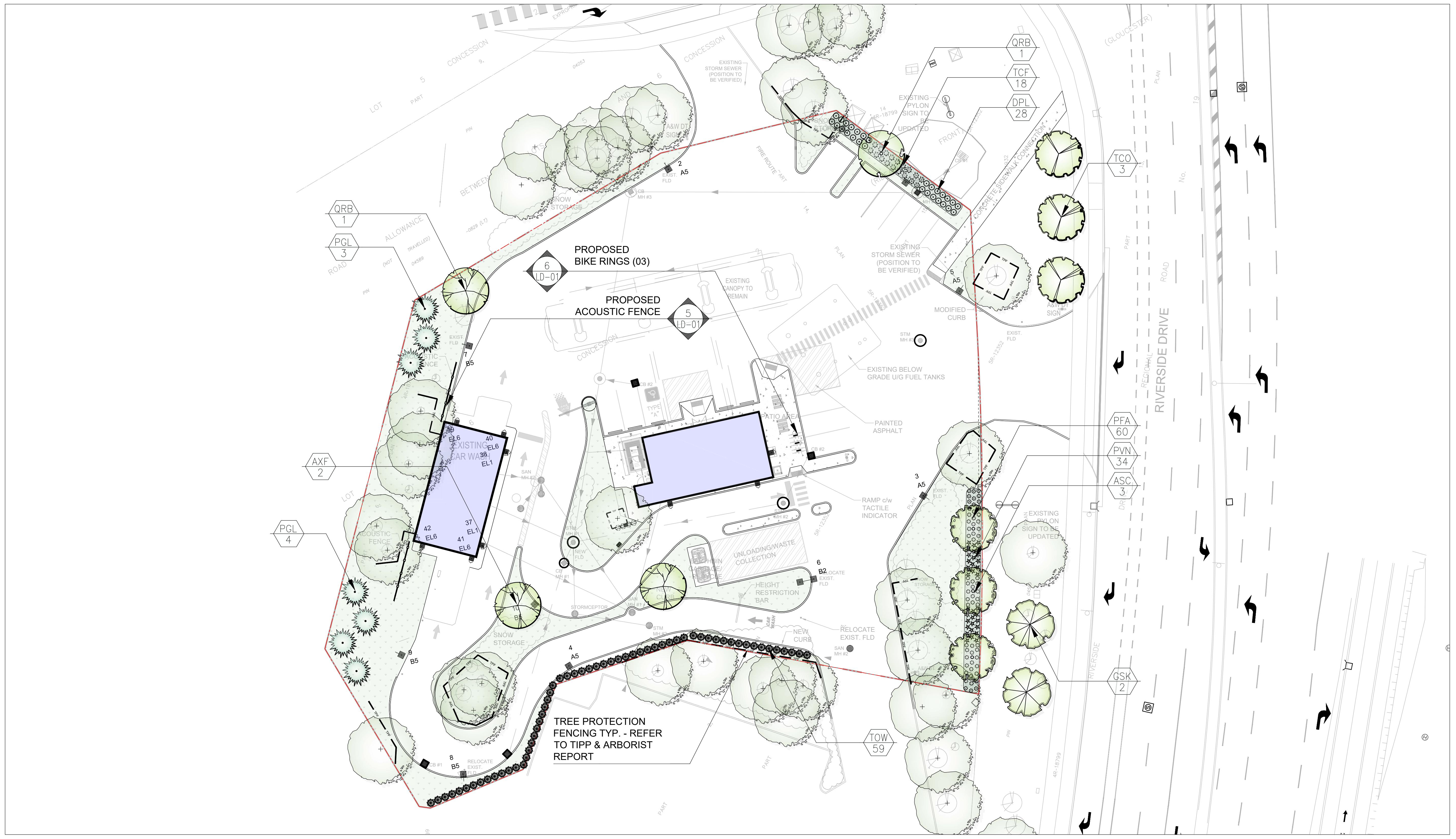
2660 Sherwood Heights Drive Suite 200, Oakville, Ontario, L6J 7Y8
Email:kpaularchitect.com, Telephone (905).337.9800, Fax (905).337.1986

Client/Owner:



Municipality:  ottawa
unless sealed & SIGNED.
me liability for damages.

Notes:



All information contained in these plans shall be checked by the contractor. All discrepancies shall be reported to the Landscape Architect (L.A.) before commencing with construction. All drawings have copyright and shall remain the property of the Landscape Architect. Copying or any reproduction in part or whole shall only be permitted with written consent of L. A. Drawings shall not be used for construction unless sealed & SIGNED. All drainage patterns must drain positively away from buildings or structures at 2% min. The position of existing above ground and underground utilities and facilities are not necessarily shown on the drawings, and where shown, the accuracy of the position of utilities or facilities is not guaranteed. Before starting work, the contractor shall confirm the exact location of all existing utilities and facilities, and shall assume liability for damages. NOTE: FOR ANY AND ALL GRADING INFORMATION REFER TO SITE GRADING ENGINEERING DRAWINGS. NO SLOPES ARE TO EXCEED 3:1 • PROPERTY LINES AND SETBACKS MUST BE CONFIRMED BY CONTRACTOR PRIOR TO CONSTRUCTION • ANY AND ALL RETAINING WALLS MUST BE APPROVED BY STRUCTURAL ENGINEER PRIOR TO CONSTRUCTION DO NOT SCALE DRAWINGS • DRAFT/IMINARY NOT FOR CONSTRUCTION • THESE DRAWINGS ARE NOT TO BE USED FOR CONSTRUCTION / INT'L COUNTERSIGNED BY / ARCHITECT DATE SIGNED



ARTON SMITH LANDSCAPE ARCHITECTS
170 The Donway W Suite 206.
Toronto, Ontario, Canada. M3C 2G3
tel. 416.492.9966 | email. info@msla.ca



2660 Sherwood Heights Drive Suite 200, Oakville, Ontario, L6J 7Y8
Email:kpaularchitect.com,Telephone (905).337.9800,Fax (905).337.1986



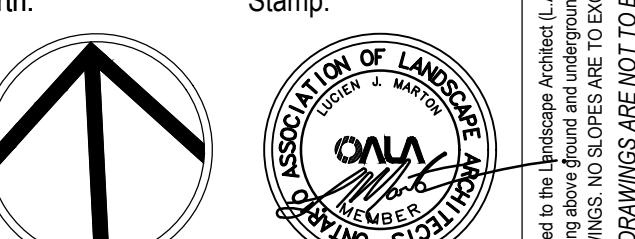
The Ottawa City Seal, featuring a stylized green and blue wave-like design above the word "Ottawa" in a large, blue, serif font.

construct
and shall

TO CONSTRUCTION • ANY AND ALL RETAINING WALLS MUST BE APPROVED BY STRUCTURAL ENGINEER PRIOR TO CONSTRUCTION

IOR

Issued for Submission 12/09/25
o. Revision Date



Project: PRE-2023-0112

Proposed Landscape and Site Upgrades

4000 Riverside Dr.

Ottawa, Ontario		be checked by the contractor
ale:	1:200	Date: Nov 2025
awn By:	S.P.	Checked By: L.M.
rawing Title:		ay from buildings or structures FORMATION REFER TO SITE LIMINARY NOT FOR C

Soil Volume Plan

in these
st drain p
LL GRAD
DRAWING

contained
patterns must
be aligned with
the corresponding
drum patterns.

ject No. Sheet No.
25166 **L2-01**

All All NO DC

Architect:



TORONTO-VANCOUVER-CALGARY-ORLANDO

2660 Sherwood Heights Drive Suite 200, Oakville, Ontario, L6J 7Y8

Email: kpalarchitect.com, Telephone (905) 337 9800, Fax (905) 337 1986

Client/Owner:



Municipality:



Notes:

A. INFORMATION CONTAINED IN THESE PLANS SHALL BE CHECKED BY THE CONTRACTOR. ALL DISCREPANCIES SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT (L.A.) BEFORE COMMENCING WITH CONSTRUCTION. ALL DRAWINGS HAVE BEEN CHECKED AND STAMPED AS TO THE EXACT CONSTRUCTION AS SHOWN. NO PART OF THESE DRAWINGS MAY BE COPIED OR REPRODUCED IN WHOLE OR IN PART, OR USED FOR CONSTRUCTION, WITHOUT THE WRITTEN CONSENT OF THE LANDSCAPE ARCHITECT. COPYING OR ANY REPRODUCTION IN WHOLE OR IN PART, OR USE FOR CONSTRUCTION, WITHOUT THE WRITTEN CONSENT OF THE LANDSCAPE ARCHITECT, IS PROHIBITED. CONTRACTOR IS NOT RESPONSIBLE FOR CONSTRUCTION OF ANY PART OF THESE DRAWINGS UNLESS APPROVED BY THE LANDSCAPE ARCHITECT.

DATE SIGNED

LANDSCAPE SPECIFICATIONS

CONTRACTOR MUST CONTACT ALL UTILITY COMPANIES FOR STAKE OUTS PRIOR TO ANY EXCAVATION OR PLANTING.

ROUGH GRADING

ROUGH GRADE AND FILL AREAS TO ESTABLISH SUBGRADE AS REQUIRED. PROVIDE DRAINAGE PATTERN AS INDICATED ON DRAWINGS. ROUND SMOOTHLY ALL TOPS AND TOES OF SLOPES. COMPACT ALL AREAS TO 95% STANDARD PROCTOR DENSITY UNLESS SPECIFIED OTHERWISE. EXISTING TREES TO REMAIN ON SITE ARE TO BE PROTECTED AS DETAILED.

FINE GRADING

FINE GRADE ALL AREAS TO FINISHED GRADE AS SHOWN ON LAYOUT OR GRADING PLAN OR ARCHITECT'S SITE PLAN. PROVIDE UNIFORM SLOPES AWAY FROM THE BUILDING, UNLESS SPECIFIED OTHERWISE. SLOPES MAY NOT EXCEED 33 1/3% (3:1).

SPREADING OF TOPSOIL

SCARIFY THE SUBSOIL PRIOR TO THE SPREADING THE TOPSOIL. REMOVE ALL DEBRIS AND LEAVE A FINE-TEXTURED EVEN SURFACE. ALL TOPSOIL TO BE IMPORTED UNLESS PREVIOUSLY APPROVED BY LANDSCAPE ARCHITECT. OBTAIN APPROVAL FOR THE QUALITY OF ANY IMPORTED TOPSOIL BEFORE DELIVERY TO THE SITE. TOPSOIL IS TO BE COMPACTED TO CREATE A FIRM AND EVEN SURFACE.

SOD

USE NO. 1 GRADE TURFGRASS NURSERY SOD WHICH CONFORMS WITH THE SPECIFICATIONS OF THE NURSERY SOD GROWERS ASSOCIATION OF ONTARIO. ALL LAWN AREAS SHALL RECEIVE A MINIMUM OF 10MM (4") OF COMPACTED TOPSOIL, AND SHALL BE SODDED WITH #1 KENTUCKY BLUEGRASS - FESCUE. NO SOI SLOPES ARE TO EXCEED 3:1. SLOPE IN EXCESS OF 4:1 TO BE PEGGED.

MINERAL FERTILIZER

APPLY THE FOLLOWING MINERAL FERTILIZER UNLESS SOILS TESTS SHOW OTHER REQUIREMENTS:

1. SODDED AREAS - 1% NITROGEN, 6% PHOSPHORUS AND 4% POTASH (11-8-4) AT THE RATE OF 4.5 KG OVER M2 (10 LBS OVER 1000 SQ. FT.).

2. PLANT BEDS - 7% NITROGEN, 7% PHOSPHORUS AND 7% POTASH (7-7-7) AT THE RATE OF 40 GRAMS (4 OZ) FOR EVERY BUSHEL OF TOPSOIL.

PREPARATION OF PLANTING BEDS

ALL PLANT BEDS TO BE CONTINUOUS. EXCAVATE ALL PLANTING BEDS TO THE DEPTH AS INDICATED ON THE DRAWINGS AND DETAILS. MIN 450mm(18") BACKFILL ALL PLANTING BEDS WITH A SOIL MIXTURE CONSISTING OF SIX (6) PARTS OF SAND, LOAM, ONE (1) PART OF FINE, FERTILIZED MANURE AND ONE (1) PART OF DRIED, COTTED MANURE AND THE MINERAL FERTILIZER AS SPECIFIED ABOVE. ALSO ADD 100 LBS OF BONE MEAL/CUBIC METER OF PLANTING SOIL (1LB/CUBIC YARD). PREPARE THE PLANTING BEDS FOR PLANTING BEFORE THE DELIVERY OF THE PLANT MATERIAL TO THE JOB SITE.

NOTE: IF THE EXISTING SOIL CONDITIONS ARE CLAY OR WET IN NATURE, CONTACT THE LANDSCAPE ARCHITECT FOR INSTRUCTIONS OF A SUITABLE SOIL MIXTURE. FAILURE TO DO THIS MAY RESULT IN DELAY OF APPROVAL AND ACCEPTANCE.

PLANT MATERIALS

ALL PLANT MATERIAL SHALL CONFORM TO THE STANDARDS OF THE CANADIAN NURSERY TRADES ASSOCIATION FOR SIZE AND SPECIES.

ALL SHRUB AND TREE MATERIAL SHALL BE CONTAINER GROWN, POTTED, SIB OR BB. UNLESS OTHERWISE NOTED, BARE ROOT PLANT MATERIAL SHALL BE SHIPPED IN BURLAP BAGS. IN THE PLANTING SEASON, CONTRACTOR SHALL MAKE REQUESTS FOR ROOT CONDITION SUBSTITUTION IN WRITING TO THE LANDSCAPE ARCHITECT PRIOR TO COMMENCEMENT OF PLANTING OPERATIONS. ALL PLANT MATERIAL TO BE CLAY GROWN STOCK UNLESS OTHERWISE NOTED.

LANDSCAPE SPECIFICATIONS

SCALE: N.T.S. DATE: LD-01

PLANT MATERIAL INSTALLATION

ALL TREES, SHRUBS AND GROUNDCOVERS SHALL BE PLANTED AS DETAILED AS SHOWN ON THE PLANTING PLAN. ALL BEDS TO RECEIVE A COVER OF CLEAN MULCH TO A DEPTH OF 15MM(3"). FOR GUYING AND STAKING TREES, REFER TO PLANTING DETAILS. WRAP ALL DECIDUOUS TREES UNDER EXPERIENCED SUPERVISION ONLY TO THE SPECIFICATIONS OF THE ONTARIO LANDSCAPE CONTRACTORS ASSOCIATION.

PLANT MATERIAL SIZES AND CONDITIONS ARE TO BE AS INDICATED ON THE LANDSCAPE DRAWING

THE INDIVIDUAL PLANT GROUPING TOTAL AS ILLUSTRATED ON THE PLANTING PLAN SUPERSEDES THE ESTIMATED QUANTITY ON THE MASTER PLANT LIST. CONTRACTOR MUST REPORT ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT IN WRITING BEFORE COMMENCING ANY WORK. CONTRACTOR WILL ASSUME FULL RESPONSIBILITY IF LANDSCAPE ARCHITECT IS NOTIFIED OF DISCREPANCIES.

*** MULCH - SHREDDED PINE MULCH BY "GRO BARK" OR APPROVED EQUAL. LANDSCAPE ARCHITECT TO APPROVE MULCH BEFORE INSTALLATION.**
GENERAL MAINTENANCE

PROPER MAINTENANCE PROCEDURES ARE TO BE FULLY ADMINISTERED FOR ALL NEWLY CONSTRUCTED LANDSCAPE WORK IN ACCORDANCE WITH LANDSCAPE ONTARIO SPECIFICATIONS SECTION 1E - MAINTENANCE WORK. THIS SHALL APPLY ONLY DURING THE CONSTRUCTION PERIOD, UNLESS OTHERWISE SPECIFIED. CONTRACTOR IS RESPONSIBLE FOR MAINTENANCE OF SOD AND PLANTING UNTIL FINAL ACCEPTANCE BY LANDSCAPE ARCHITECT.

RODENT PROTECTION

THE CONTRACTOR SHALL BE RESPONSIBLE FOR THE PROTECTION OF ALL TREES AND SHRUBS FOR WINTER PROTECTION AND FROM RODENT INJURY FOR THE DURATION OF GUARANTY PERIOD. PROTECTIVE GUARDS SHALL BE EMPLOYED AROUND ALL DECIDUOUS TREES. GUARDS TO BE 150MM DIAM. PVC PIPE OR A MUNICIPAL GUARDS. GUARDS SHALL BE INSTALLED PRIOR TO THE APPLICATION OF THE MULCH AND SHOULD BE PLACED A MINIMUM OF 50MM (2") OUT FROM THE TREE TRUNK ON ALL SIDES.

ALL SHRUBS AND CONIFEROUS TREES SHALL HAVE AN APPLICATION OF "SKOOT" OR APPROVED EQUIVALENT RODENT FORMULA, TO BE APPLIED AT THE END OF OCTOBER. FOLLOW MANUFACTURER'S DIRECTIONS FOR APPLICATION.

GENERAL REQUIREMENTS

USE ABOVE SPECIFICATIONS IN CONJUNCTION WITH THE GENERAL LANDSCAPE SPECIFICATIONS OF THE ONTARIO LANDSCAPE CONTRACTORS ASSOCIATION, THE NURSERY SOD GROWERS ASSOCIATION OF ONTARIO AND THE GUIDE SPECIFICATIONS FOR NURSERY STOCK OF THE CANADIAN NURSERY TRADES ASSOCIATION. USE ONLY PLANT MATERIAL TRUE TO NAME, SIZE AND GRADE AS SPECIFIED ON PLANTING PLAN. PROVIDE SUFFICIENT LABELS OR MARKINGS TO INDICATE CLEARLY THE VARIETY, SIZE AND GRADE OF EACH SPECIMEN OR BUNDLE.

OBTAIN APPROVAL FOR SUBSTITUTIONS AS TO VARIETY, SIZE OR GRADE FROM THE LANDSCAPE ARCHITECT. USE ONLY NURSERY STOCK GROWN UNDER PROPER HORTICULTURAL PRACTICES, VIBRANT, FREE FROM PEST AND DISEASE AND UNDAMAGED. CHECK LOCATIONS AND OBTAIN STAKEOUTS OF ALL UTILITY LINES BEFORE EXCAVATION. OBTAIN ALL NECESSARY PERMITS BEFORE COMMENCEMENT OF CONSTRUCTION. REPORT IN WRITING ANY DISCREPANCIES IN THE DRAWINGS, SPECIFICATIONS AND CONTRACT DOCUMENTS TO THE LANDSCAPE ARCHITECT BEFORE THE END OF THE BIDDING PROCESS AND COMMENCEMENT OF CONSTRUCTION. THESE SPECIFICATIONS MAY BE SUPERSEDED BY ADDITIONAL SPECIFICATIONS SET OUT IN THE TENDER DOCUMENTS. CONTRACTOR TO REVIEW ALL DOCUMENTS.

GUARANTEE PERIOD

PROVIDE ONE FULL YEAR GUARANTEE ON ALL LANDSCAPE WORK FROM DATE OF FINAL ACCEPTANCE BY LANDSCAPE ARCHITECT. GUARANTY PERIOD MAY BE EXTENDED TO TWO FULL YEARS DEPENDING ON MUNICIPAL STANDARDS. CONTRACTOR TO VERIFY WITH OWNER AND LANDSCAPE ARCHITECT.

NOTES:

1. PLANTING SOIL MIXTURE AS PER SPECIFICATION
2. PLANTING HOLE TO BE DUG AS SHOWN ON DRAWING, SO THAT ROOTS ARE FULLY EXTENDED IN PLANTING HOLE WITH SOIL MIX BACKFILLED CAREFULLY TO PREVENT ROOT DAMAGE
3. PROVIDE 100 HIGH EARTH SAUCER AROUND SHRUB BED
4. STAKES TO BE REMOVED AT COMPLETION OF TWO YEAR WARRANTY PERIOD.

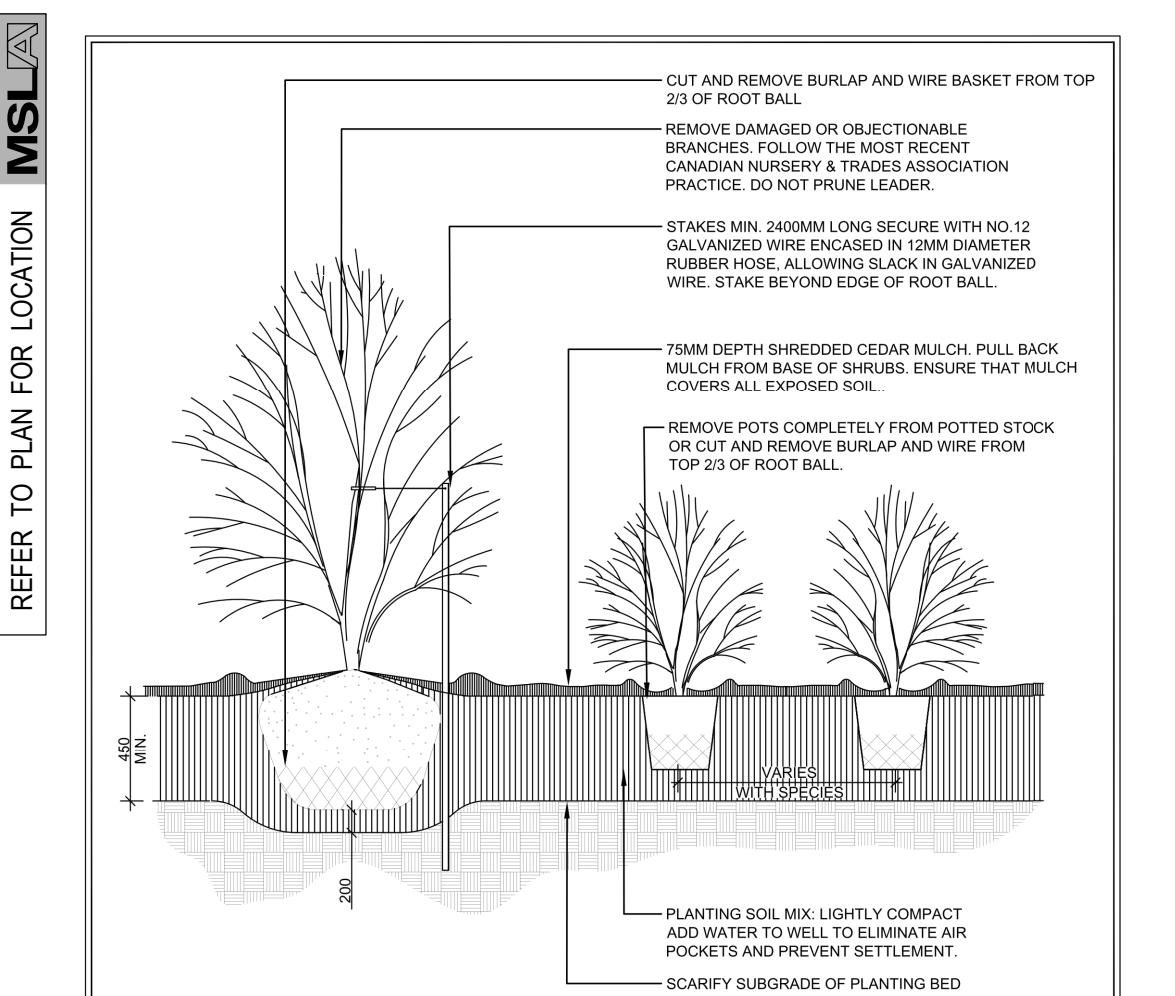
Ottawa

TITLE: CONTINUOUS SHRUB BED PLANTING

DATE: MAR 2012

SCALE: N.T.S.

DWG NO: PA-04



NOTES:

1. PLANTING SOIL MIXTURE AS PER SPECIFICATION
2. PLANTING HOLE TO BE DUG AS SHOWN ON DRAWING, SO THAT ROOTS ARE FULLY EXTENDED IN PLANTING HOLE WITH SOIL MIX BACKFILLED CAREFULLY TO PREVENT ROOT DAMAGE
3. PROVIDE 100 HIGH EARTH SAUCER AROUND SHRUB BED
4. STAKES TO BE REMOVED AT COMPLETION OF TWO YEAR WARRANTY PERIOD.

Ottawa

TITLE: CONTINUOUS SHRUB BED PLANTING

DATE: MAR 2012

SCALE: N.T.S.

DWG NO: PA-04

PRUNING: By 1/3 to remove damaged or objectionable branches following proper horticultural practice.
DO NOT PRUNE LEADERS.

WRAPPING: Approved tree wrap from top of ball to 305 (12") above first branch. Secure with binder twine, wound opposite to wrapping. Secure top, middle and bottom.

GUYING: 1 wo 51 x 51 x 6 (2" x 2" x 1/2") steel T-bars, minimum 2438 (8'-0") long, and drilled to receive #10 wire threaded through 13 (1/2") 0 rubber hose to support tree. Paint "T" flat black.

WIRE MESH TREE GUARD: For rodent protection

CUT AND REMOVE: burlap from top of ball.

MULCHING: 10" (4") shredded bark mulch by "All Treat" or equal.

FERTILIZER: Two (2) 21 gram Agriform tablets for each 25 (1") of trunk diameter (or approved method by Landscape Architect).

GRADES: Maintain original grade of tree base after planting, or slightly higher to suit site conditions.

SLOPES: Build up earth saucer on downhill side. Earth saucer to compacted.

SCARIFY: edges to allow for root penetration

UNDISTURBED SOIL

PLANTING SOIL MIXTURE: (Mix thoroughly)

A. For ideal situations mix:

- 6 parts good quality topsoil
- 2 parts well rotted cow manure
- 1 part peat moss

B. For clay or wet situations:

- Contact consultants for proper soil mixture, before proceeding with work.

C. Add 0.58 kg (1 lb) of bonemeal per cubic yard of soil

D. Soil mixture should be firmly compacted to eliminate air pockets and prevent settlement.

NOTES: All tree stakes, ties, wraps and guards are to be removed one year after installation by the landscape contractor.

ALL GIVEN DIMENSIONS ARE IN METRIC

WIRE BASKETS OR STRING ON ROOT BALL - CUT AND TOP REMOVE 1/2"

PLANTING SOIL MIXTURE: (Mix thoroughly)

A. For ideal situations mix:

- 6 parts good quality topsoil
- 2 parts well rotted cow manure
- 1 part peat moss

B. For clay or wet situations:

- Contact consultants for proper soil mixture, before proceeding with work.

C. Add 0.58 kg (1 lb) of bonemeal per cubic yard of soil

D. Soil mixture should be firmly compacted to eliminate air pockets and prevent settlement.

NOTES: All tree stakes, ties, wraps and guards are to be removed one year after installation by the landscape contractor.

ALL GIVEN DIMENSIONS ARE IN METRIC

WIRE BASKETS OR STRING ON ROOT BALL - CUT AND TOP REMOVE 1/2"

PLANTING SOIL MIXTURE: (Mix thoroughly)

A. For ideal situations mix:

- 6 parts good quality topsoil
- 2 parts well rotted cow manure
- 1 part peat moss

B. For clay or wet situations:

- Contact consultants for proper soil mixture, before proceeding with work.

C. Add 0.58 kg (1 lb) of bonemeal per cubic yard of soil

D. Soil mixture should be firmly compacted to eliminate air pockets and prevent settlement.

NOTES: All tree stakes, ties, wraps and guards are to be removed one year after installation by the landscape contractor.

ALL GIVEN DIMENSIONS ARE IN METRIC

WIRE BASKETS OR STRING ON ROOT BALL - CUT AND TOP REMOVE 1/2"

PLANTING SOIL MIXTURE: (Mix thoroughly)

A. For ideal situations mix:

- 6 parts good quality topsoil
- 2 parts well rotted cow manure
- 1 part peat moss

B. For clay or wet situations:

- Contact consultants for proper soil mixture, before proceeding with work.

C. Add 0.58 kg (1 lb) of bonemeal per cubic yard of soil

D. Soil mixture should be firmly compacted to eliminate air pockets and prevent settlement.

NOTES: All tree stakes, ties, wraps and guards are to be removed one year after installation by the landscape contractor.

ALL GIVEN DIMENSIONS ARE IN METRIC

WIRE BASKETS OR STRING ON ROOT BALL - CUT AND TOP REMOVE 1/2"

PLANTING SOIL MIXTURE: (Mix thoroughly)

A. For ideal situations mix: