

**LEGEND**

- PROPERTY LIMIT
- [Pattern] SOD
- [Pattern] SEED MIX, SEE SEED APPLICATION NOTES
- [Pattern] ORNAMENTAL GRASSES
- PROPOSED DECIDUOUS TREE
- ⊗ PROPOSED CONIFEROUS TREE
- [Pattern] PROPOSED SHRUBS
- KEY ## SPECIES (SEE PLANT LIST)
- ## QUANTITY

**TREE PLANTING IN SENSITIVE CLAY GENERAL**

- The landscape plans have been developed in accordance with the Geotechnical Investigation "PG6153-1, Revision 1" by paterson group, dated April 28, 2022, which includes the letter/memo from Joey R. Villeneuve, dated April 28, 2022, and map "Test Hole Location Plan" dated 04/2022 that confirms the categories and locations of clay soils.
  - The following City of Ottawa clay soils guideline applies: Guidelines for Tree Planting in Sensitive Marine Clay Soils (2017).
  - The soil volumes provided are sufficient for a reasonable chance of tree survival. Unless otherwise noted, all new trees on City property meet the minimum soil volume requirements of the following, based on a depth of 1.5m below finished grade, and subtracting the volume of utility trenches.
    - a. Small tree (mature height up to 7.5m) - 25m<sup>3</sup>/ minimum soil volume provided.
    - b. Medium tree (mature height 7.5-14m) - 30m<sup>3</sup>/ minimum soil volume provided.
- Where trees share a continuous greenspace:
- c. Two (2) small trees - 15m<sup>3</sup>/ minimum soil volume provided per tree.
  - d. Two (2) medium trees - 18m<sup>3</sup>/ minimum soil volume provided per tree.

**PLANTING**

- Plant material to be No. 1 Grade and is to comply with Canadian Standards for Nursery Stock (latest edition) published by the Canadian Nursery Landscape Association.
- Use structurally sound plant material with strong fibrous root system free of disease, defects, and injuries. Use trees with straight trunks, well and characteristically branched for species. Obtain approval from consultant of plant material at source prior to digging. All trees and shrubs to be container grown, potted, W/B or B/B, as indicated on Plant List. Bare root plants are only acceptable for certain species and as approved by the Landscape Architect.
- Plant material substitutions are not permitted without the written approval from the Consultant, with 48 hours notice, prior to shipping plant material.
- Plant locations are schematic / approximate only. **Contractor is to stake out locations on site for approval by the Landscape Architect prior to installation.**
- The illustrated number of plants shown in the Planting Plan supersedes the estimated number in the Plant List. Contractor to report any discrepancies to the Landscape Architect prior to installation. Contractor will assume full responsibility if the Landscape Architect is not notified.
- Ensure trees are thoroughly watered following planting. Monitor material and ensure adequate moisture until acceptance.
- In heavy clay or poorly drained soils, set root ball with root collar 75-100mm higher than finished grade.
- Approved topsoil depths are as follows:
  - a. Plant Beds - **450mm** continuous depth. Applies to shrubs, perennials, vines, and groundcovers.
  - b. Sod/ Seed Areas - **100mm** depth.
- Sod to be No. 1 Kentucky Bluegrass Sod grown from minimum mixture of 3 Kentucky Bluegrass cultivars. Quality and source are to comply with Canadian Standards for Nursery Stock, Section 17, (latest edition) published by the Canadian Nursery Landscape Nursery Landscape Association.
- Apply the following mineral fertilizer unless soil tests show other requirements:
  - a. Plant Beds - (8-32-16), i.e. 8% Nitrogen, 32% Phosphorus, 16% Potash per manufacturer specifications.
  - b. Sod Areas - (8-32-16), i.e. 8% Nitrogen, 32% Phosphorus, 16% Potash at a rate of 350kg/ha
- Where applicable, for any plant areas with a mix of species/ cultivars notes. Contractor is to cluster like plants in groups of 3-5 and evenly distribute these in the noted area.

**SEED MIX AND APPLICATION**

For areas steeper than 3:1, Contractor to apply erosion control blanket. Erosion control blanket to be machine woven mats made from natural wood, coco or cotton fiber, or combination depending on manufacturer, with stitching between two photo-degradable natural organic fiber nettings. Submit products for approval by Consultant. OPSS 804 applies except as may be amended and extended herein.

In addition to the specified seed mixes, all applications are to include a nurse crop as noted.

**NURSE CROP**  
 • Annual Ryegrass  
 Seeding Rate: 25kg/hectare

**CUSTOM SEED MIX BY DLF PICKSEED**  
 To be determined.

**NOVATECH DETAILS**

Found on Sheet L2.

- D1. Standard Deciduous Tree Planting
- D2. Standard Coniferous Tree Planting
- D3. Shrub and Perennial Planting
- D4. Bike Layout

**PLANT LIST**

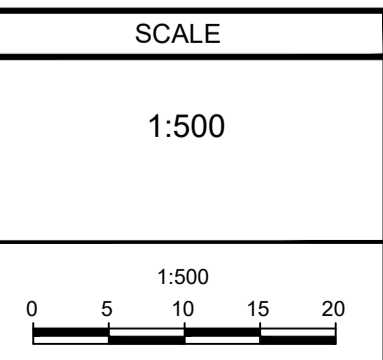
KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	COND	SPACING
<b>Deciduous Trees</b>						
ASI	3	<i>Acer saccharinum</i>	Silver Maple	50mm Cal	WB	As Shown
AEG	9	<i>Aesculus glabra</i>	Ohio Buckeye	50mm Cal	WB	As Shown
COC	4	<i>Celtis occidentalis 'Chicagoland'</i>	Chicagoland Hackberry	50mm Cal	WB	As Shown
PAM	9	<i>Phellodendron amurense 'His Majesty'</i>	His Majesty Cork Tree	50mm Cal	WB	As Shown
<b>Coniferous Trees</b>						
ABA	3	<i>Abies balsamea</i>	Balsam Fir	200cm HT	WB	As Shown
PS	3	<i>Pinus strobus</i>	Eastern White Pine	200cm HT	WB	As Shown
<b>Deciduous Shrubs</b>						
Csk	100	<i>Cornus sericea 'Kelsey'</i>	Kelsey Dogwood	2g	PT	As Shown
Ra	16	<i>Rhus aromatica</i>	Fragrant Sumac	3g	PT	
Rtb	24	<i>Rhus typhina 'Baltiger'</i>	Tiger Eyes Cutleaf Staghorn Sumac	3g	PT	160cm O.C
<b>Coniferous Shrubs</b>						
Jcc	63	<i>Juniperus communis 'Green Carpet'</i>	Green Carpet Juniper	40cm Spr	PT	60cm O.C
<b>Broadleaf Evergreens</b>						
Iva	28	<i>Ilex verticillata 'Afterglow'</i>	Afterglow Winterberry	3g	PT	150cm O.C
Ij	5	<i>Ilex verticillata 'Jim Dandy'</i>	Jim Dandy Winterberry (Male)	3g	PT	As Shown
<b>Ornamental Grasses</b>						
ckf	81	<i>Calamagrostis acutiflora 'Karl Foerster'</i>	Karl Foerster Feather Reed Grass	1g	PT	70cm O.C

**NOTE:**  
 THE POSITION OF ALL POLE LINES, CONDUITS, WATERMANS, 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.

**OWNER INFORMATION**  
 U-HAUL CANADA  
 3636 INNES ROAD  
 OTTAWA, ONTARIO, K1C 1T1  
 DAVID POLLOCK  
 PHONE: 1-602-263-6555  
 david\_pollock@uhhaul.com

**NOT FOR CONSTRUCTION**

No.	REVISION	DATE	BY
1.	ISSUED FOR SITE PLAN APPROVAL	MAY 20/22	RGJ



DESIGN	JMK
CHECKED	RGJ
DRAWN	JMK
CHECKED	RGJ
APPROVED	RGJ

**FOR REVIEW ONLY**

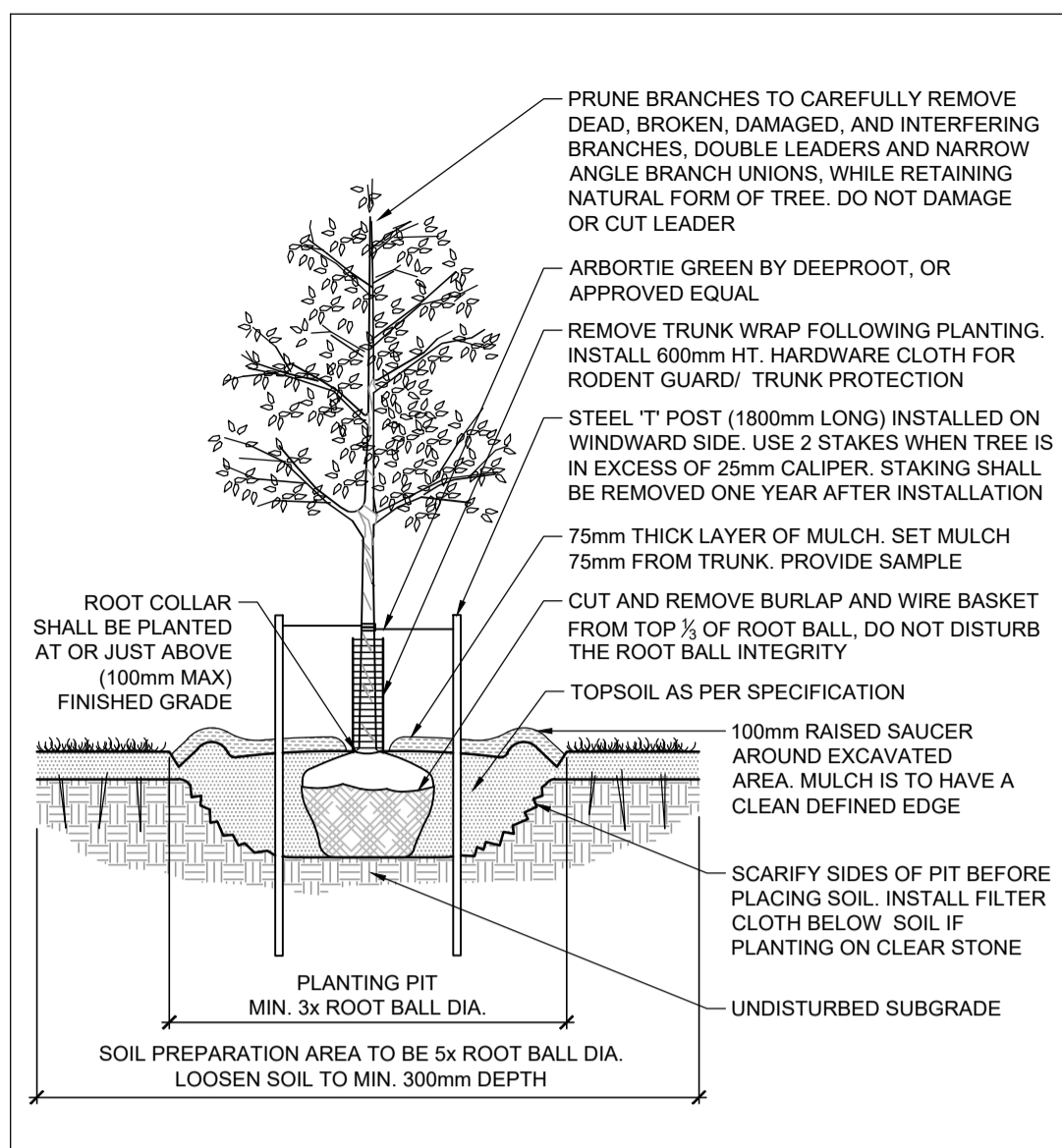
**NOVATECH**  
 Engineers, Planners & Landscape Architects  
 Suite 200, 240 Michael Cowpland Drive  
 Ottawa, Ontario, Canada K2M 1P6  
 Telephone: (613) 254-9643  
 Facsimile: (613) 254-5867  
 Website: www.novatech-eng.com

LOCATION CITY OF OTTAWA 30 FRANK NIGHBOR PLACE	PROJECT No. 121326
DRAWING NAME LANDSCAPE PLAN	REV # 1
	DRAWING No. 121326-L1

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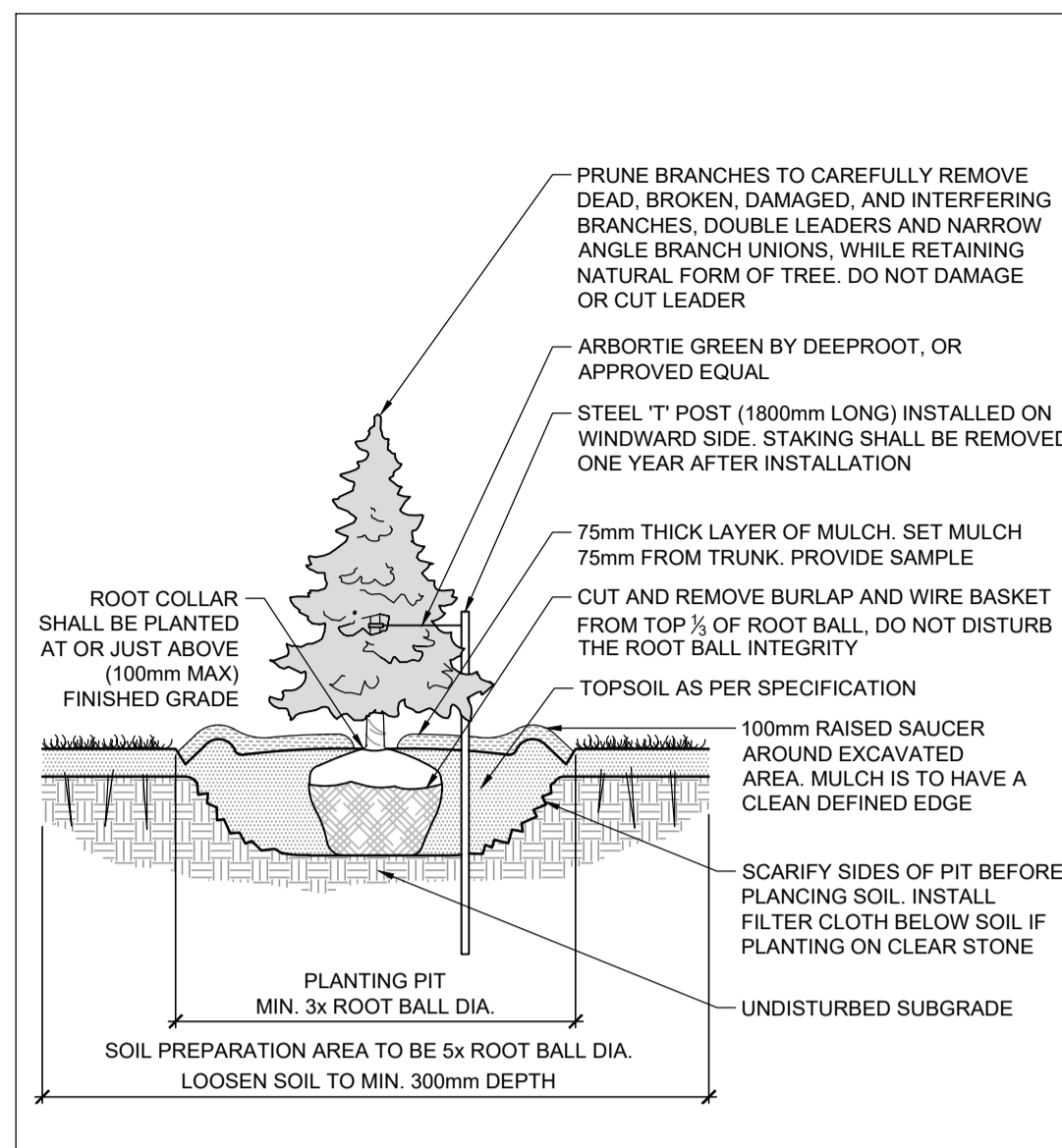
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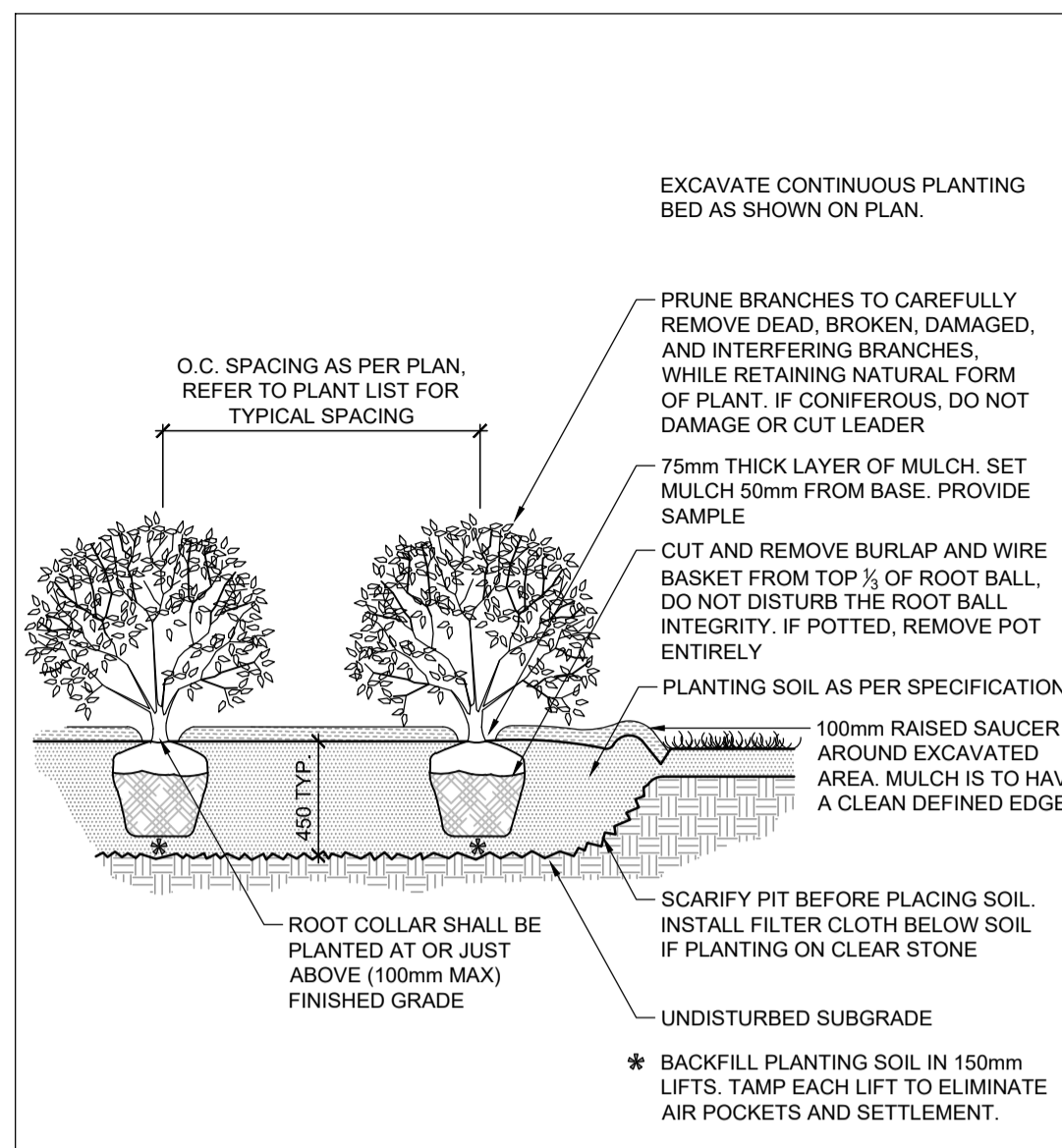
STANDARD DECIDUOUS TREE PLANTING

D1



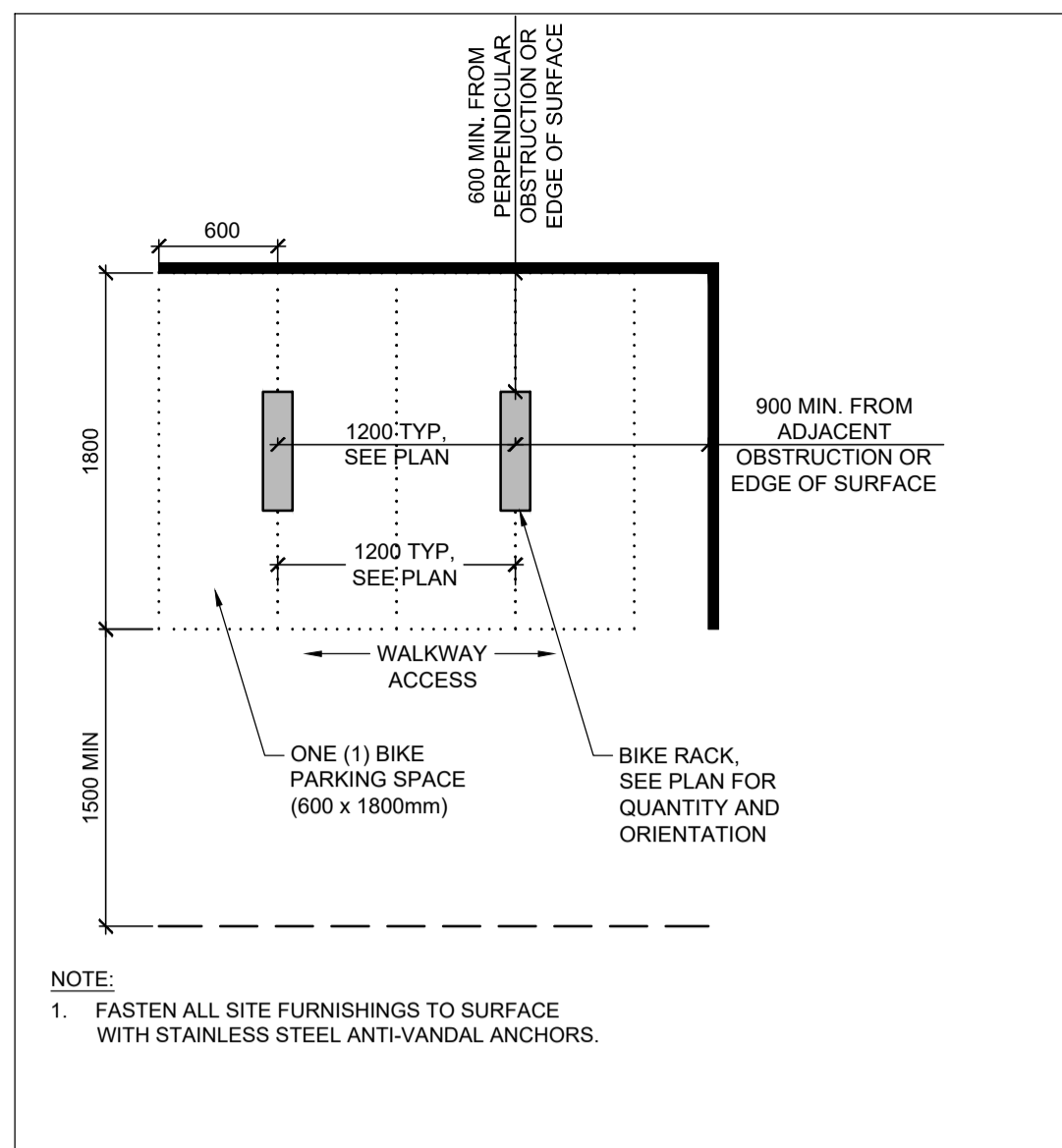
STANDARD CONIFEROUS TREE PLANTING

D2



SHRUB AND PERENNIAL PLANTING

D3



BIKE LAYOUT

D4

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DESIGN	CHECKED	DRAWN	CHECKED	APPROVED
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SCALE

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LOCATION  
CITY OF OTTAWA  
30 FRANK NIGHBOR PLACE

DRAWING NAME  
LANDSCAPE DETAILS

PROJECT No.	121326
REV	REV # 1
DRAWING No.	121326-L2

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