

- LEGEND**
- 3-D1 DETAIL SHEET # NOVATECH OR CITY DETAIL NUMBER SEE LIST FOR CODE
  - PROPERTY LIMIT
  - SEED
  - SHRUB RENATURALIZATION
  - PROPOSED CALIPER DECIDUOUS TREE
  - PROPOSED CALIPER CONIFEROUS TREE
  - 3 QR QUANTITY SPECIES (SEE PLANT LIST)
  - TREE PROTECTION FENCE
  - PROPOSED TURTLE/CHAINLINK FENCE
  - NOISE BARRIER 1.8m HT.

- GENERAL**
- Read and interpret this drawing/ drawing set in conjunction with all the contract details and specifications, including related civil, utility, structural, architectural, mechanical, electrical, environmental, geotechnical, and survey information.
  - The Contractor is to determine the exact location, size, material, and elevation of all existing utilities prior to commencing construction. Protect and assume responsibility for all existing utilities regardless of being shown on the drawings.
  - It is essential to use the plans and details in conjunction with the specifications and notes.
  - Do not scale drawings. Work to dimensions only.
  - Protect all existing and retained vegetation for the duration of construction according to the contract details and specifications.
  - Reinstate all areas and items damaged or disturbed, beyond the Limit of Work, because of construction activities, including but not limited to construction staging areas, haul roads, stockpile areas, etc. to the satisfaction of the Consultant. Unless otherwise noted, Contractor is to reinstate all areas to pre-construction condition or better to the satisfaction of the Contract Administrator.

- NOVATECH DETAILS**  
Found on Sheet L2.
- D1. Standard Deciduous Tree Planting
  - D2. Standard Coniferous Tree Planting
  - D3. Shrub Renaturalization
  - D4. Tree Protection Fence
  - D5. Chainlink and Turtle Fencing
  - D6. Alcur Noise Barrier 1.8m HT.

- 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. Contractor will assume full responsibility if the Landscape Architect is not notified.
  - 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:
    - Plant Beds - 450mm continuous depth. Applies to shrubs, perennials, vines, and groundcovers.
    - Sod/Seed Areas - 100mm depth.
    - Reforestation - 300mm 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 Association.
  - Apply the following mineral fertilizer unless soil tests show other requirements:
    - Plant Beds - (8-32-16), i.e. 8% Nitrogen, 32% Phosphorus, 16% Potash per manufacturer specifications.
    - 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 areas.

**PLANT LIST**

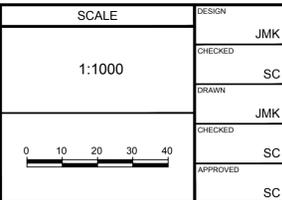
KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	COND	SPACING
<b>121153 - Caliper Tree List</b>						
<b>Coniferous Trees</b>						
LL	6	<i>Larix laricina</i>	Tamarack	200cm HT	WB	As Shown
PG	12	<i>Picea glauca</i>	White Spruce	200cm HT	WB	As Shown
PNS	11	<i>Pinus strobus</i>	Eastern White Pine	200cm HT	WB	As Shown
<b>Deciduous Trees</b>						
ASI	4	<i>Acer saccharum</i>	Silver Maple	50mm Cal	WB	As Shown
AES	4	<i>Acer saccharum</i>	Sugar Maple	50mm Cal	WB	As Shown
BAL	1	<i>Betula alleghaniensis</i>	Yellow Birch	50mm Cal	WB	As Shown
CCL	3	<i>Carpinus caroliniana</i>	American Hornbeam, Musciewood, Ironwood	50mm Cal	WB	As Shown
CCY	3	<i>Carya cordiformis</i>	Bitternut Hickory	50mm Cal	PT	As Shown
JN	4	<i>Juglans nigra</i>	Black Walnut	50mm Cal	WB	As Shown
OV	3	<i>Ostrya virginiana</i>	Hop-hornbeam, Ironwood	50mm Cal	WB	As Shown
QM	3	<i>Quercus macrocarpa</i>	Burr Oak	50mm Cal	WB	As Shown
QR	7	<i>Quercus rubra</i>	Red Oak	50mm Cal	WB	As Shown
<b>121153 - Renaturalization Mix (Rmix)</b>						
%	QTY	BOTANICAL NAME	COMMON NAME	SIZE	COND	SPACING
<b>Deciduous + Coniferous Shrubs</b>						
5%	50	<i>Ilex melanocarpa</i>	Black Chokeberry	0.60m HT	PT	2.0m O.C.
5%	31	<i>Cephalanthus occidentalis</i>	Butterbush	0.60m HT	PT	2.0m O.C.
10%	61	<i>Cornus racemosa</i>	Grey Dogwood	0.60m HT	PT	2.0m O.C.
5%	31	<i>Myrica pensylvanica</i>	Bayberry	0.60m HT	PT	2.0m O.C.
14%	86	<i>Rhus typhina</i>	Staghorn Sumac	0.60m HT	PT	2.0m O.C.
5%	31	<i>Rubus occidentalis</i>	Black Raspberry	0.60m HT	PT	2.0m O.C.
15%	92	<i>Thuja occidentalis</i>	Eastern White Cedar	0.60m HT	PT	2.0m O.C.
5%	31	<i>Salix bebbiana</i>	Barked Willow	0.60m HT	PT	2.0m O.C.
8%	50	<i>Salix petiolaris</i>	Slender Willow	0.60m HT	PT	2.0m O.C.
5%	31	<i>Sorbus decora</i>	Showy Mountain-Ash	0.60m HT	PT	2.0m O.C.
10%	61	<i>Symphoricarpos alba</i>	Snowberry	0.60m HT	PT	2.0m O.C.
10%	61	<i>Viburnum lentago</i>	Nannyberry	0.60m HT	PT	2.0m O.C.
100%	616					

- 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
- LOW NATIVE SEED MIX BY DLF PICKSEED**
- Seeding Rate: 25kg/hectare

**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.

**NOT FOR CONSTRUCTION**

No.	REVISION	DATE	BY
3.	REVISED PER CITY COMMENTS	JUN 6/2025	SC
2.	ISSUED FOR CITY REVIEW	APR 29/2025	SC
1.	ISSUED FOR CLIENT REVIEW	DEC 16/2024	SC



**FOR REVIEW ONLY**

DESIGN: JMK  
CHECKED: SC  
DRAWN: JMK  
CHECKED: SC  
APPROVED: SC

**NOVATECH**  
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**LOCATION**  
CITY OF OTTAWA - STINSON LANDS  
4386 RIDEAU VALLEY DRIVE

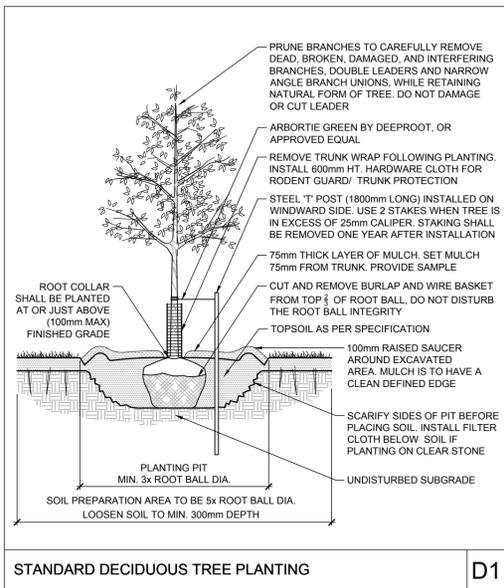
**DRAWING NAME**  
RENATURALIZATION PLAN  
FOR BLOCKS 49, 50 & 51

PROJECT No: 121153  
REV # 3  
DRAWING No: 121153-L1

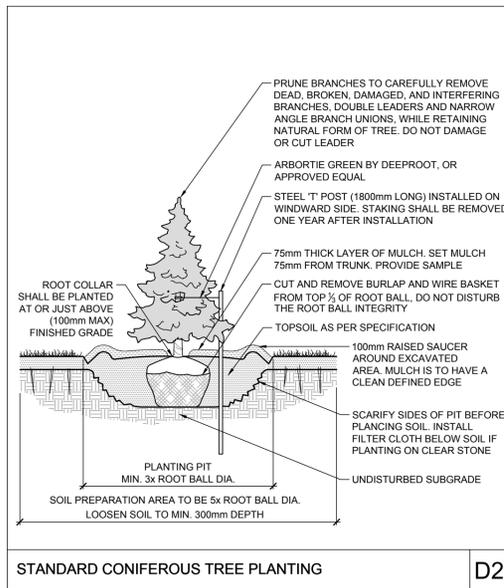
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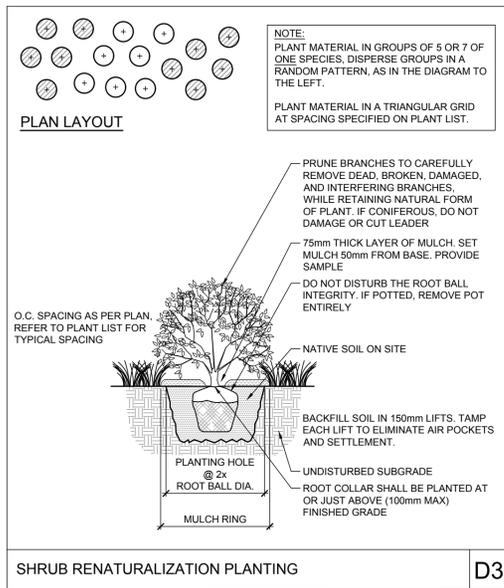
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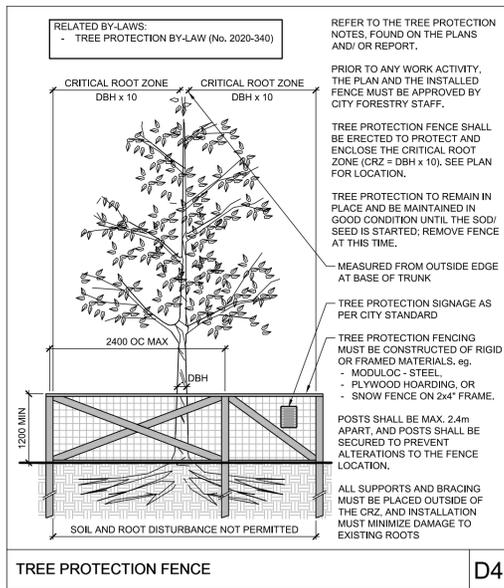
STANDARD DECIDUOUS TREE PLANTING **D1**



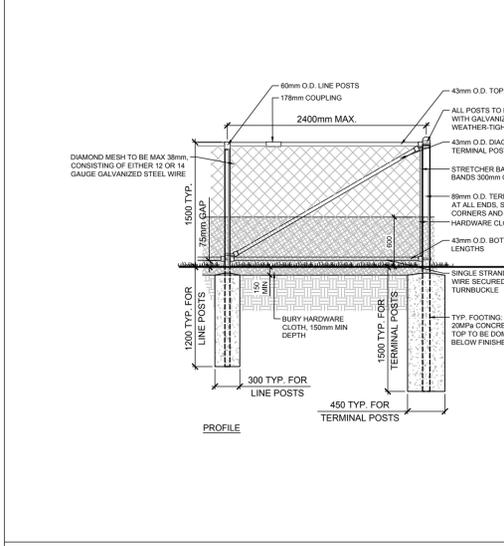
STANDARD CONIFEROUS TREE PLANTING **D2**



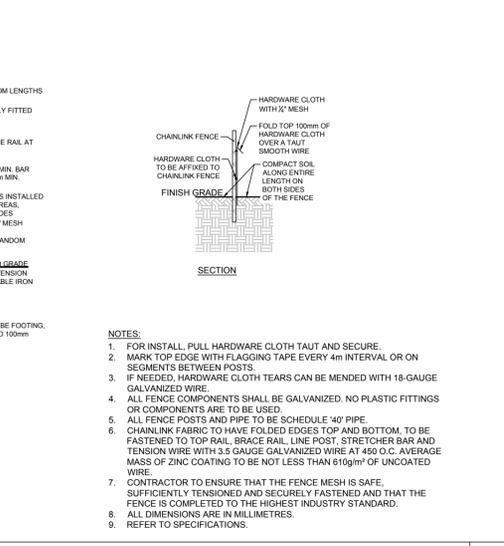
SHRUB RENATURALIZATION PLANTING **D3**



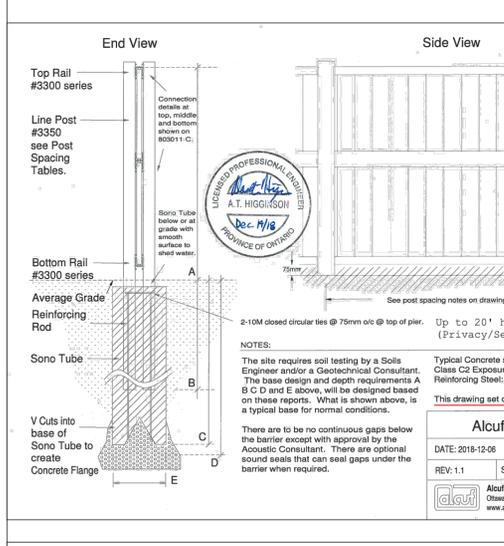
TREE PROTECTION FENCE **D4**



CHAINLINK AND TURTLE FENCING **D5**



CHAINLINK AND TURTLE FENCING **D5**



ALCUF NOISE BARRIER **D6**

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DESIGN	CHECKED	DRAWN	CHECKED	APPROVED
JMK	SC	JMK	SC	SC

SCALE

FOR REVIEW ONLY

ASSOCIATION OF LANDSCAPE ARCHITECTS  
June 6, 2025

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4386 RIDEAU VALLEY DRIVE

DRAWING NAME  
DETAILS - RENATURALIZATION PLAN FOR BLOCKS 49, 50 & 51

PROJECT No. 121153  
REV. REV # 3  
DRAWING No. 121153-L2

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