

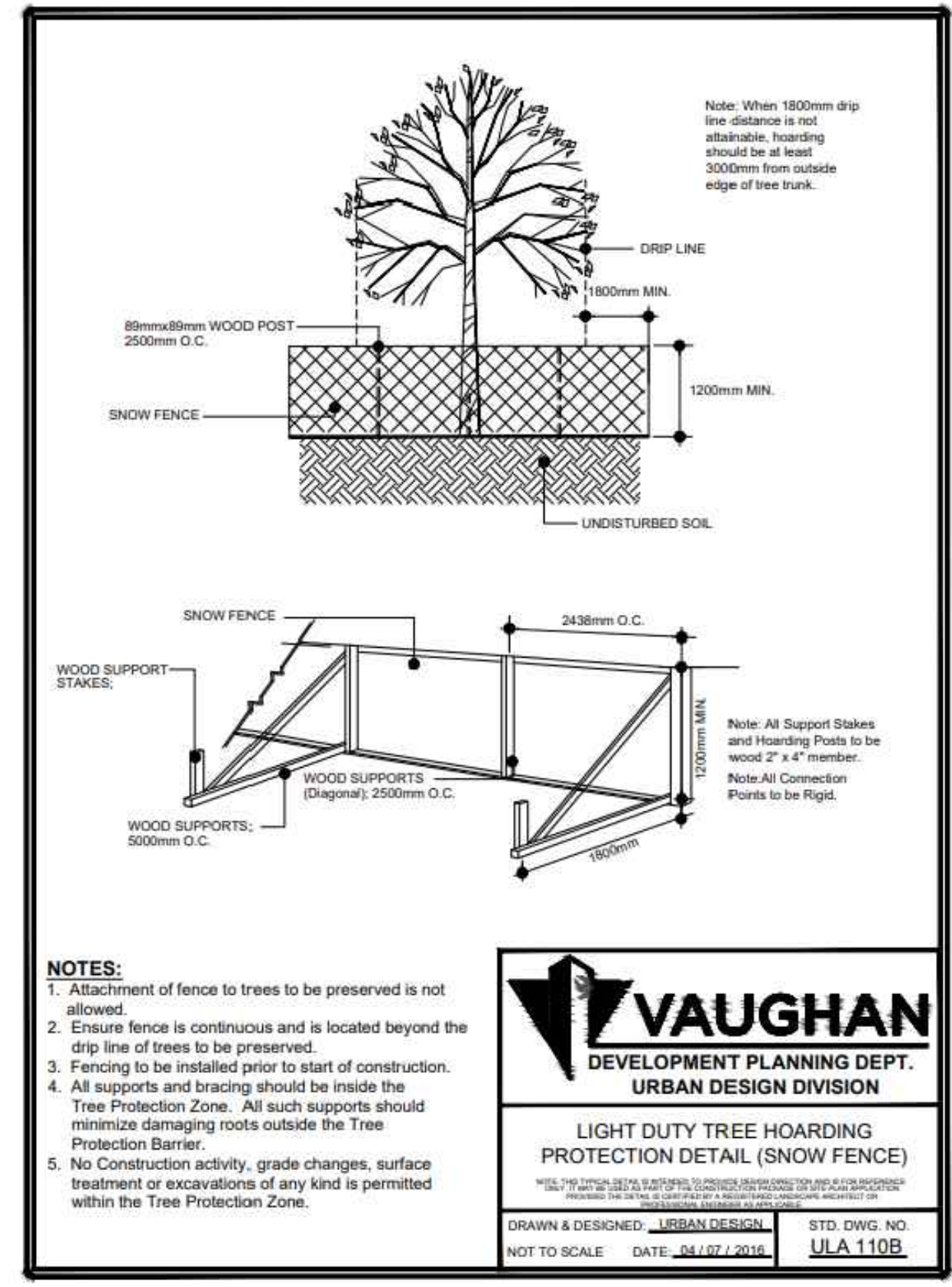
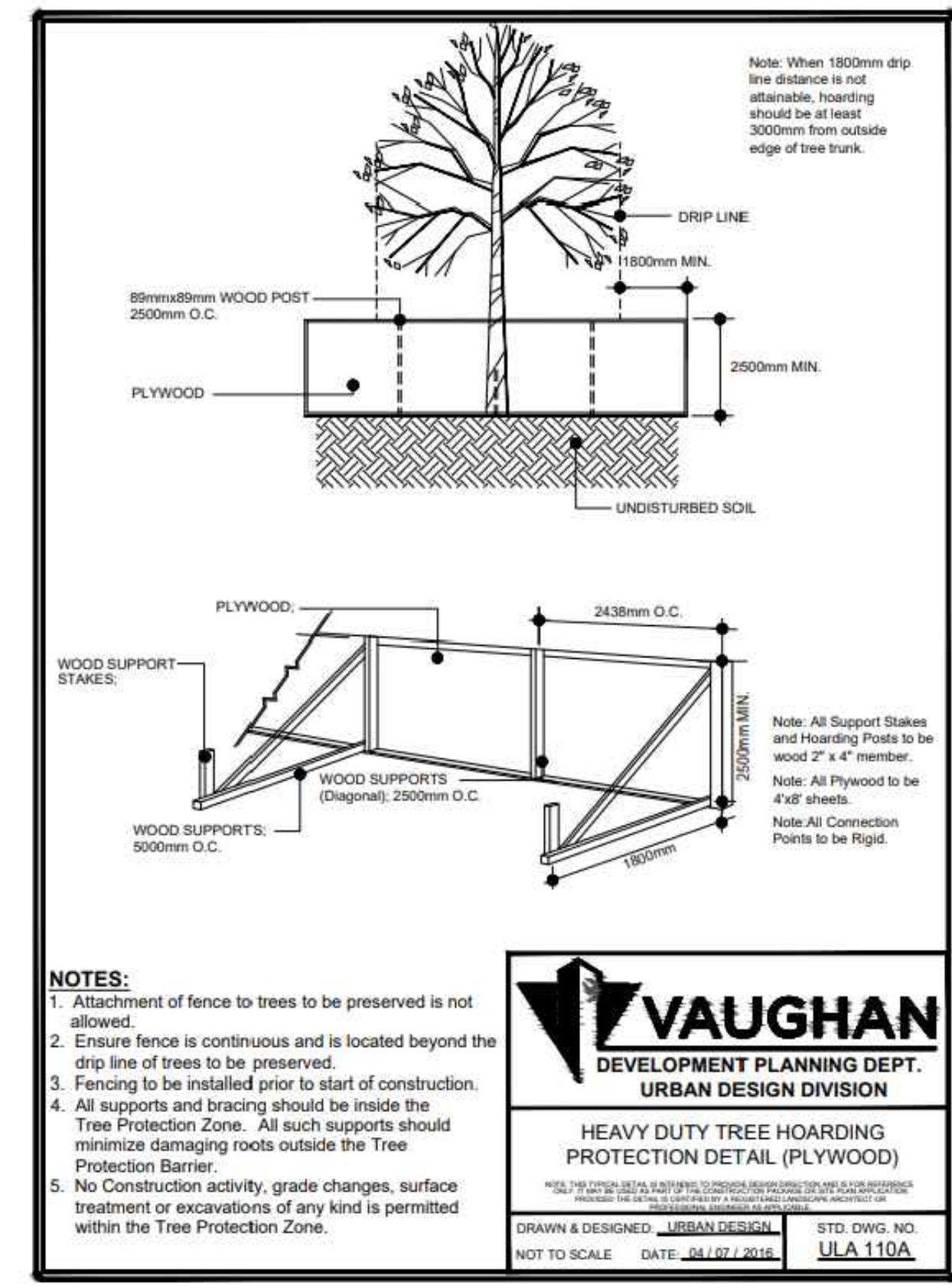
1 TREE INVENTORY, PROTECTION AND REMOVALS PLAN  
Scale 1:120

- ### General Notes
- Do not scale the drawings. All dimensions are in millimetres unless noted otherwise.
  - This drawing is to be read in conjunction with the project site plan, landscape plan, and engineering plan.
  - The tree inventory includes assessment of trees >10cm DBH. The trees have been assessed based on species, size and condition.
  - The contractor shall check and verify all existing and proposed grading and conditions on the project and immediately report any discrepancies to the consultant before proceeding with any removals.
  - The contractor is to be aware of all existing and proposed services and utilities. The contractor is responsible for having all underground services and utility lines staked by each agency having jurisdiction prior to commencing work.
  - This drawing is to be used for development approval only.
  - Do not leave any holes open overnight.
  - Keep area outside construction zone clean and useable by others at all times. Contractor shall thoroughly clean areas surrounding the construction zone at the end of each work day.
  - Contractor to make good any and all damages outside of the development area that may occur as a result of tree removals at no extra cost.
  - This drawing is Copyright MHBC Planning, 2020.

### LEGEND

- EXISTING CONIFEROUS TREE
- EXISTING DECIDUOUS TREE
- EXISTING CONIFEROUS TREE - TO BE REMOVED
- EXISTING DECIDUOUS TREE - TO BE REMOVED
- TREE IDENTIFICATION KEY  
TREE to be RETAINED
- TREE IDENTIFICATION KEY  
TREE to be REMOVED

TREE PROTECTION PER CITY OF VAUGHAN STANDARDS. THE FINAL LOCATION AND EXTENT OF PROPOSED TREE PROTECTION WILL BE CO-ORDINATED BETWEEN THE PROJECT ARBORIST AND PROJECT ENGINEER TO ENSURE THAT DAMAGE TO EXISTING TREES IS MINIMIZED DURING CONSTRUCTION.



#### TREE PRESERVATION RECOMMENDATIONS

The following standards shall apply to any trees that may be identified to be preserved. Where the municipality enforces its own standards, those of the governing municipality shall supersede the recommendations contained herein. In all other instances, the following recommendations shall be treated as minimum standards for tree protection and preservation.

- All existing trees which are to remain shall be fully protected with fencing erected around the entire perimeter of the Tree Protection Zone in accordance with the Tree Protection Distance Table shown on this page. Groups of trees and other existing plantings to be protected, shall be done in a like manner with fencing around the entire clump(s).
- Areas within the protective fencing shall remain undisturbed and shall not be used for the storage of building materials or equipment.
- This work shall be completed, to the satisfaction of the Commissioner of Development Services, prior to the issuance of Building Permits for the site development. The developer or his/her agent shall take every precaution necessary to prevent damage to trees or shrubs to be retained.
- No rigging cables shall be wrapped around or installed in trees; and surplus soil, equipment, debris or materials shall not be placed over root systems of the trees within the protective fencing. No contaminants will be dumped or flushed where feeder roots of trees exist.
- Where limbs or portions of trees are removed to accommodate construction work, they will be carefully removed by an ISA certified Arborist.
- Where root systems of protected trees are exposed directly adjacent to or damaged by construction work, they shall be trimmed neatly by a qualified arborist and the area back filled with appropriate material to prevent desiccation.
- If grades around trees to be preserved are likely to change, the developer shall be required to take such precaution as dry-welling and root feeding to the satisfaction of the City.
- Trees to be preserved that have died or have been damaged beyond repair, shall be subject to suitable compression as determined by the City and review of the Tree Inventory and Analysis.
- An ISA certified Arborist shall be on site for any work which impacts any tree or Tree Protection Zone.

**THE TREE PROTECTION ZONE:**  
The following chart is showing minimum required distances for determining a Tree Protection Zone. All such supports should minimize damaging roots outside the Tree Protection Barrier.

Some trees and some site conditions may require a smaller or larger Tree Protection Zone (TPZ).

Trunk Diameter (DBH)*****	Minimum Protection Distances Required**
<10cm	1.8m
11-40cm	2.4m
41-50cm	3.0m
51-60cm	3.6m
61-70cm	4.2m
71-80cm	4.8m
81-90cm	5.4m
91-100cm	6.0m

\*Diameter at breast height (DBH) measurement of tree trunk taken at 1.4 metres above the ground.  
\*\* Tree Protection Zone distances are to be measured from the outside edge of the tree base.

#### TREE INVENTORY NOTES

Tree #	Common Name	Botanical Name	DBH (CM)	Condition	Comments	Recommendation
1	Silver Maple	Acer saccharinum	149	Fair		Retain
2	Elm spp.	Ulmus spp.	26	Dead	Tree is 100% dead	Remove
3	Black Locust	Robinia pseudoacacia	75	Fair-Poor		Remove
4	Eastern White Cedar	Thuja occidentalis	23	Poor-Dead	Tree in severe decline and is almost dead	Remove
5	Catalpa	Catalpa speciosa	68	Fair-Poor		Retain

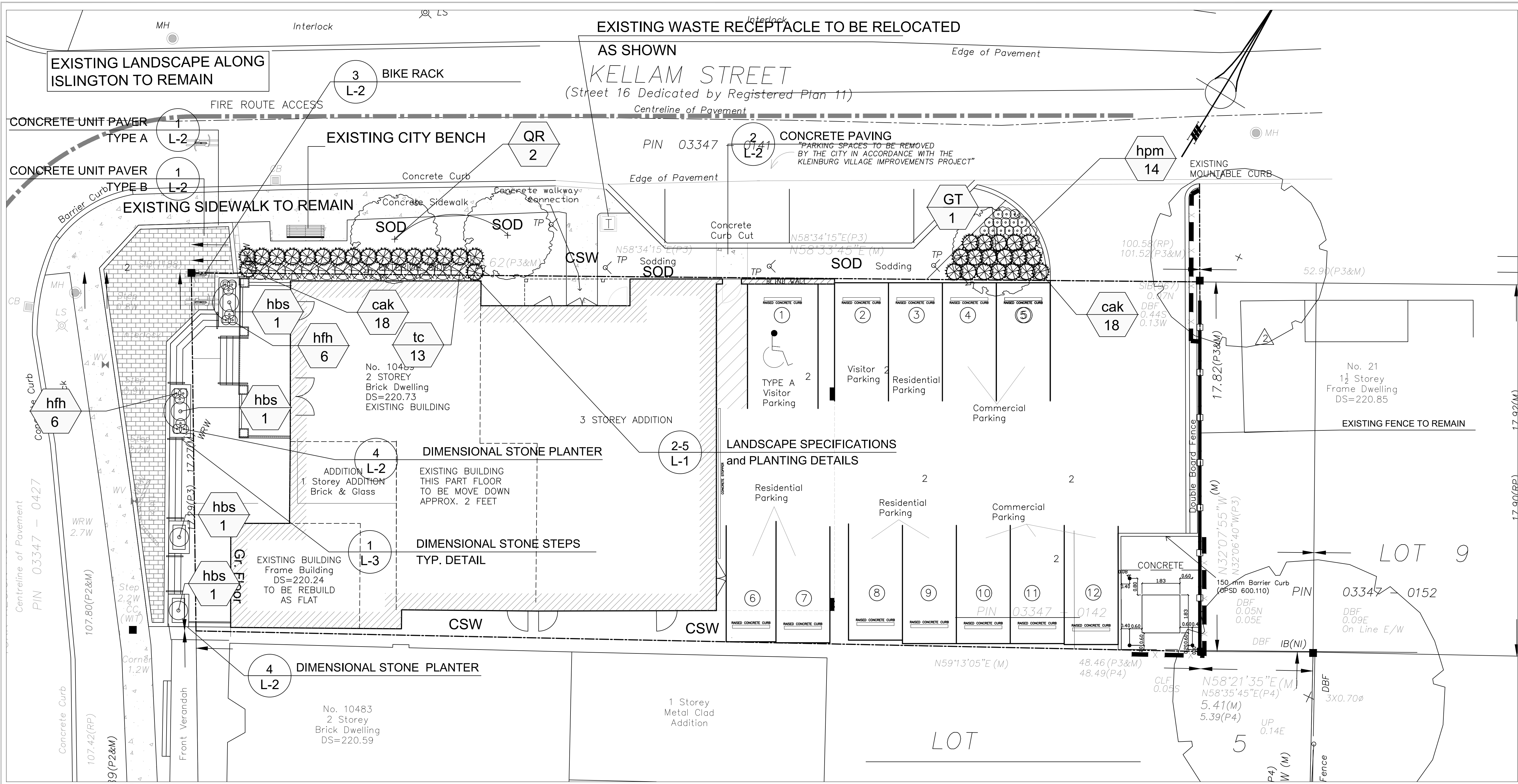
2 CITY OF VAUGHAN TREE PROTECTION BARRIER  
N.T.S.

**ATTACHMENT 7  
10489 ISLINGTON**

**PLANNING  
URBAN DESIGN  
& LANDSCAPE  
ARCHITECTURE**

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<p>Stamp</p> <p>ISSUED FOR SPA ONLY NOT FOR CONSTRUCTION</p> <p>All drawings and specifications are instruments of service and will remain the property of MHBC Planning and must be returned at the completion of the work. This drawing shall not be used for construction purposes unless the drawings are marked 'Issued for Construction' and the professional seal is signed and dated by the landscape architect.</p>	<p>Date: <b>March 2023</b></p> <p>Drawn By: <b>SN</b></p> <p>Plan Scale: <b>as noted</b></p> <p>File No.: <b>1700 A</b></p> <p>Checked By: <b>NM</b></p> <p>Other:</p>
<p>Project</p> <p style="text-align: center;"><b>10489 ISLINGTON AVENUE VAUGHAN, ONTARIO</b></p>	
<p>File Name</p> <p style="text-align: center;"><b>TREE INVENTORY, PROTECTION AND REMOVALS PLAN</b></p>	<p>Dwg No.</p> <p style="text-align: center;"><b>TI-1</b></p>



- ### General Notes
- Do not scale the drawings. All dimensions are in millimetres unless noted otherwise.
  - This drawing is to be read in conjunction with the site plan and architectural drawings prepared by the Architect, and engineering drawings prepared by the Civil, Mechanical, and Electrical Engineers.
  - The contractor shall check and verify all existing and proposed grading and conditions on the project and immediately report any discrepancies to the consultant before proceeding with any work.
  - The contractor is to be aware of all existing and proposed services and utilities. The contractor is responsible for having all underground services and utility lines staked by each agency having jurisdiction prior to commencing work.
  - This drawing is to be used for development approval only. For layout of all work refer to construction drawings.
  - Plant quantities indicated on the plan supercede the quantities from the plant list (report any discrepancies to the landscape architect).
  - Do not leave any holes open overnight.
  - Keep area outside construction zone clean and useable by others at all times. Contractor shall thoroughly clean areas surrounding the construction zone at the end of each work day.
  - Contractor to make good any and all damages outside of the development area that may occur as a result of construction at no extra cost.
  - This drawing is Copyright MHBC 2020.

### LEGEND

- EXISTING DECIDUOUS TREE
- PROPOSED DECIDUOUS TREE
- PROPOSED CONIFEROUS TREE
- PROPOSED CONTINUOUS SHRUB /PERENNIAL BED
- SODDED AREA
- CONCRETE SIDEWALK
- PLANT KEY
- DETAIL KEY
- TREE PROTECTION PER CITY OF VAUGHAN STANDARDS.

Revision No.	Date	Issued / Revision	By
15	October 30, 2023	Re-issued for SPA	CC
14	March 27, 2023	Re-issued for SPA	CC
13	September 22, 2020	Re-issued for SPA	CC
12	April 2, 2020	Issued for SPA	HH
11	November 22, 2019	Issued for SPA	CC
10	October 28, 2019	Issued for Review	CC
9	October 7, 2019	Issued for Review	CC
8	August 1, 2019	Issued for Review	NV
7	April 25, 2018	Issued for Review	PD
6	July 26, 2017	Issued for Review	DC
5	May 19, 2017	Issued for Review	DC
4	May 17, 2017	Issued for Review	DC
3	May 10, 2017	Issued for Review	DC

1 Landscape Plan  
1:100

### LANDSCAPE SPECIFICATIONS

ALL SOD SHALL CONFORM TO THE STANDARDS OF THE NURSERY SOD GROWERS ASSOCIATION OF ONTARIO. ALL SODDED AREAS SHALL BE PREPARED WITH A MINIMUM OF 150MM OF TOPSOIL AND SODDED WITH #1 BLUEGRASS - FESCUE NURSERY SOD. ON SLOPES, LAY THE TURF PIECES HORIZONTALLY ACROSS THE SLOPE, STARTING AT THE BOTTOM. FOR AREAS WITH A 2:1 SLOPE OR GREATER STAKE SOD TO HOLD IN PLACE WITH 1/2" X 1" X 12" PEGS AT TWO-FOOT SPACINGS.

UNLESS SOIL TESTS SUGGEST OTHERWISE, FERTILIZER SHALL BE APPLIED AS FOLLOWS:  
SODDED AREAS: 11-8-4 (1% NITROGEN, 8% PHOSPHOROUS, 4% POTASH) AT 4.5 KG/M<sup>2</sup>.  
PLANTING BEDS: 7-7-7 (7% NITROGEN, 7% PHOSPHOROUS, 7% POTASH) AT 0.2 KG/M<sup>2</sup>, AND BONE MEAL AT 0.58 KG/M<sup>2</sup> OF PLANTING SOIL MIXTURE AS OUTLINED BELOW.

ALL PLANTING BEDS ARE TO BE CONTINUOUS, AND EXCAVATED TO A MINIMUM DEPTH OF 450MM UNLESS NOTED OTHERWISE. PLANTING BEDS ARE TO BE FILLED WITH A SOIL MIXTURE COMPOSED OF SIX (6) PARTS SAND/LOAM, TWO (2) PARTS WELL ROTTED MANURE, AND ONE (1) PART PEAT MOSS, IN ADDITION TO THE FERTILIZERS SPECIFIED ABOVE.

ALL PLANT MATERIAL SHALL CONFORM TO THE STANDARDS OF THE CANADIAN NURSERY TRADES ASSOCIATION. ALL PLANT MATERIAL IS TO BE CLAY GROWN STOCK. INSTALL ALL PLANT MATERIAL AS SHOWN ON THE PLANTING PLAN AND DETAILS. USE ONLY VIABLE NURSERY STOCK GROWN IN STRICT ACCORDANCE WITH PROPER HORTICULTURAL PRACTICES WHICH IS FREE FROM DAMAGE, PESTS, AND DISEASE.

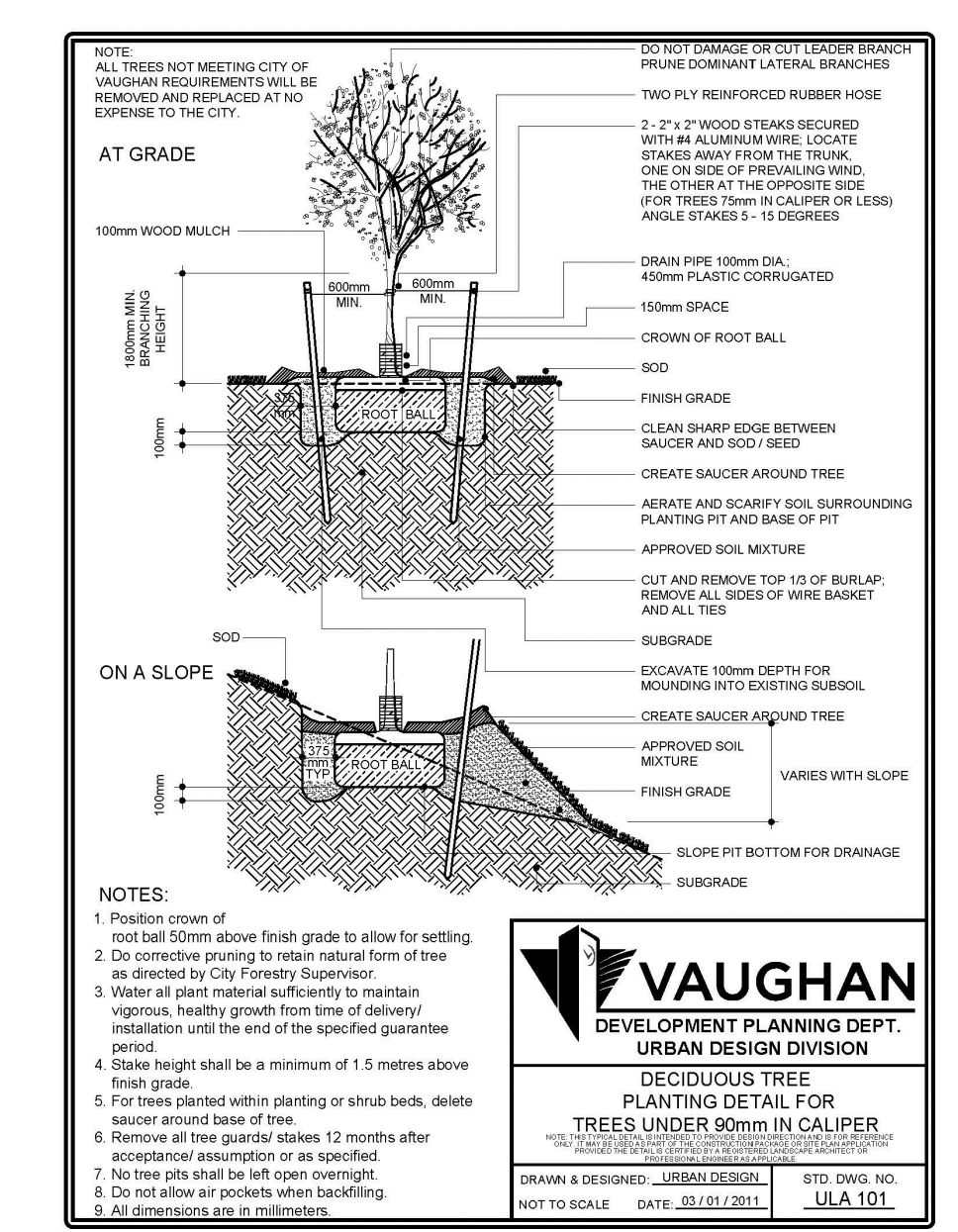
ALL BEDS ARE TO BE COVERED WITH A 150MM DEPTH OF CLEAN, SHREDED PINE BARK MULCH BY GRO-BARK OR APPROVED EQUAL UNLESS NOTED OTHERWISE. GYING AND STAKING OF TREES SHALL CONFORM TO THE PLANTING DETAILS. WRAP ALL DECIDUOUS TREES AS PER THE SPECIFICATIONS OF THE ONTARIO LANDSCAPE CONTRACTORS ASSOCIATION.

THE CONTRACTOR WILL OBSERVE PROPER MAINTENANCE PROCEDURES FOR ALL NEWLY CONSTRUCTED LANDSCAPE WORK AS PER SECTION 1E (MAINTENANCE WORK) OF LANDSCAPE ONTARIO'S SPECIFICATIONS. UNLESS OTHERWISE NOTED, THIS WILL APPLY DURING THE CONSTRUCTION PERIOD ONLY. THE CONTRACTOR SHALL MAINTAIN ALL PLANTING AND SODDING UNTIL FINAL ACCEPTANCE IS GRANTED BY THE LANDSCAPE ARCHITECT.

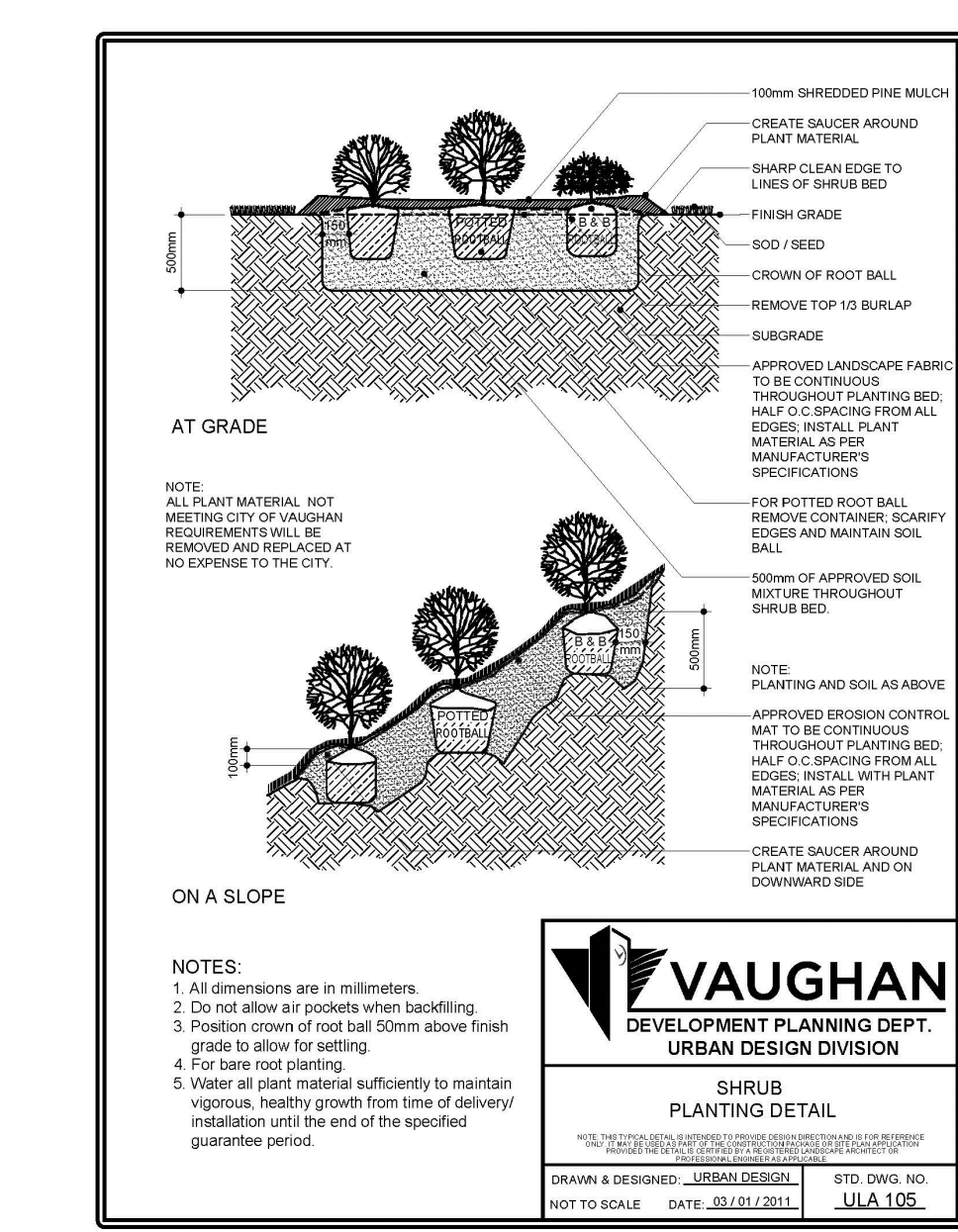
THE CONTRACTOR WILL BE RESPONSIBLE FOR THE PROTECTION OF ALL PLANT MATERIAL FROM DAMAGES RESULTING FROM WINTER CONDITIONS AS WELL AS RODENTS DURING THE WARRANTY PERIOD. APPLY "SKOOT" RODENT DETERRENT FORMULA (OR APPROVED EQUAL) TO ALL CONIFEROUS TREES AND ALL SHRUBS IN LATE OCTOBER AS PER MANUFACTURERS DIRECTIONS.

THE CONTRACTOR SHALL PROVIDE A FULL ONE YEAR GUARANTEE (OR TWO YEARS IF REQUIRED BY THE MUNICIPALITY OR OWNER) ON ALL LANDSCAPE WORKS, BEGINNING ON THE DATE THAT FINAL ACCEPTANCE IS GRANTED BY THE LANDSCAPE ARCHITECT.

2 Landscape Specifications  
N.T.S.



3 Deciduous Tree Planting  
N.T.S.



4 Shrub Planting  
N.T.S.

### MASTER PLANT LIST

Key	qty.	Botanical Name	Common Name	Cal.	Ht./Sp.	Contd.
<b>DECIDUOUS TREES</b>						
QR	2	Quercus rubra	Red Maple	60mm		SB
GT	1	Gleditsia triacanthos var. inermis	Honey Locust	60mm		SB
<b>CONIFEROUS SHRUBS</b>						
tc	13	Taxus canadensis	Canadian Yew	60cm		CG
<b>DECIDUOUS SHRUBS</b>						
hbs	4	Hibiscus syriacus	Rose of Sharon	60cm o/c	3 gal. pot	
<b>ORNAMENTAL GRASSES</b>						
cak	36	Calamagrostis x acutiflora 'Karl Foerster'	Feather Reed Grass	60cm o/c	2 gal. pot	
<b>PERENNIALS</b>						
hfh	12	Hemerocallis 'Frans Hals'	Frans Hals Daylily	60cm o/c	2 gal. pot	
hpm	14	Hemerocallis 'Pandora's Box'	Pandora's Box Daylily	60cm o/c	2 gal. pot	

**PLANNING  
URBAN DESIGN  
& LANDSCAPE  
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<b>Stamp</b>		<b>Date</b>	March 2023
<b>Drawn By</b>	DC	<b>Plan Scale</b>	as noted
<b>File No.</b>	1700 A	<b>Checked By</b>	NM
<b>Other</b>		<b>Dwg No.</b>	L-1
<b>Project</b>		10489 ISLINGTON AVE KLEINBURG, ONTARIO	
<b>File Name</b>		Landscape Plan and Details	