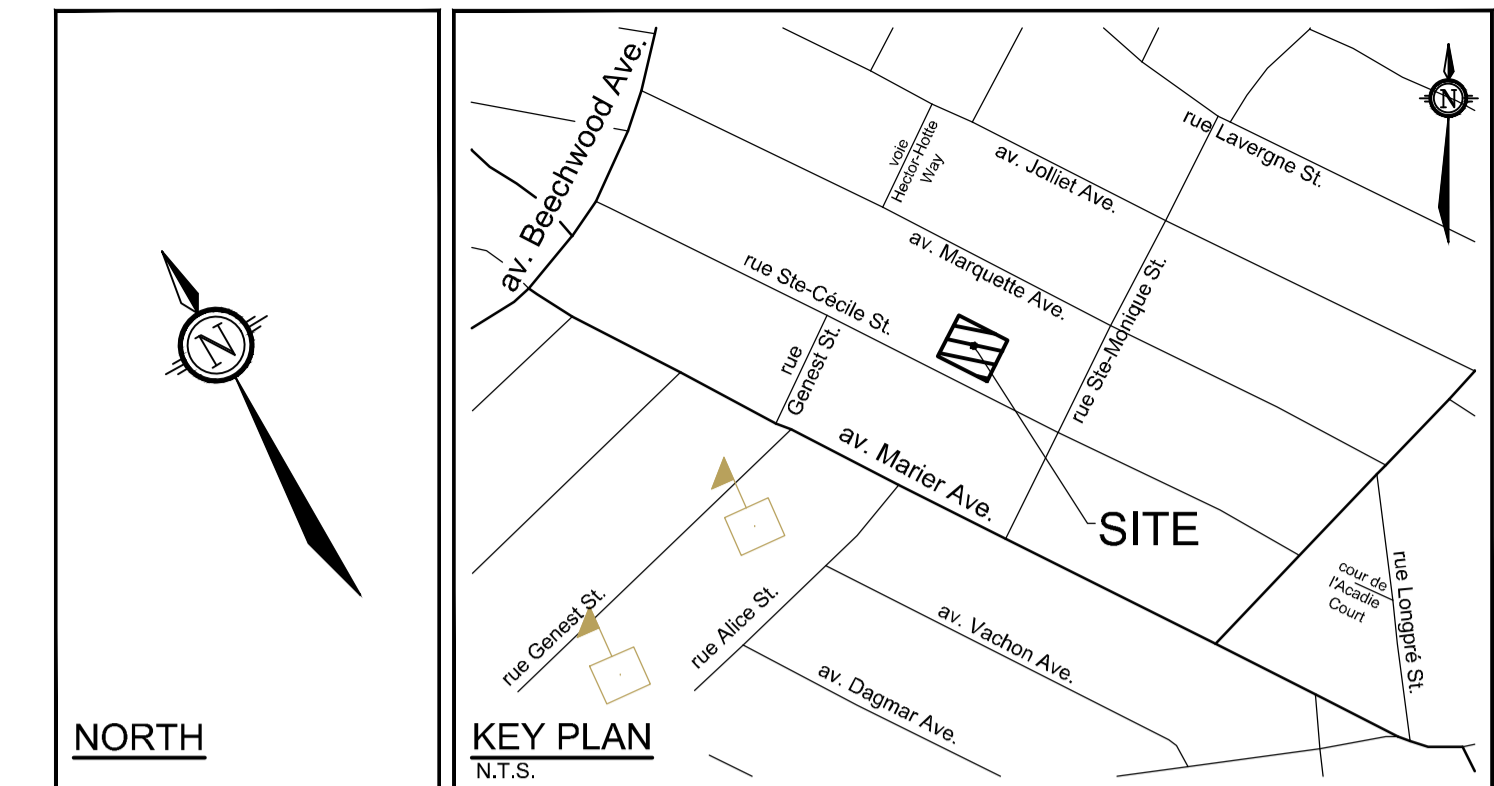


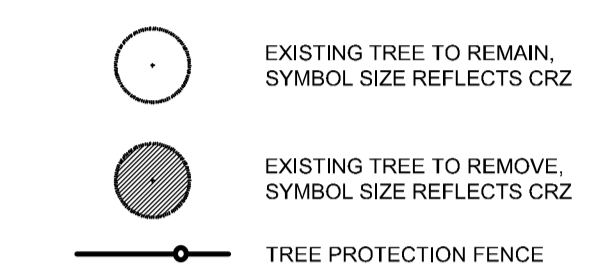
EXISTING TREE INVENTORY:

No.	Botanical Name	Common Name	DBH (cm)	CRZ (m)	Condition	Owner	Remarks	Recomm.
1	<i>Acer platanoides</i> spp.	Norway Maple	35.0	3.50	G	City	No remarks	PROTECT
2	<i>Acer negundo</i>	Manitoba Maple	53.0	5.30	F	Private on adjoining site	45° lean, growing through chainlink fence, some evidence of "Black Bark" CRZ within proposed parking area	Conflict

Legend		
G Good	Conflict	Remove due to conflict with construction.
F Fair	Remove	Remove due to tree health or invasive status.
P Poor	PROTECT	Protect as per detail D1 and related notes.
VP Very Poor		



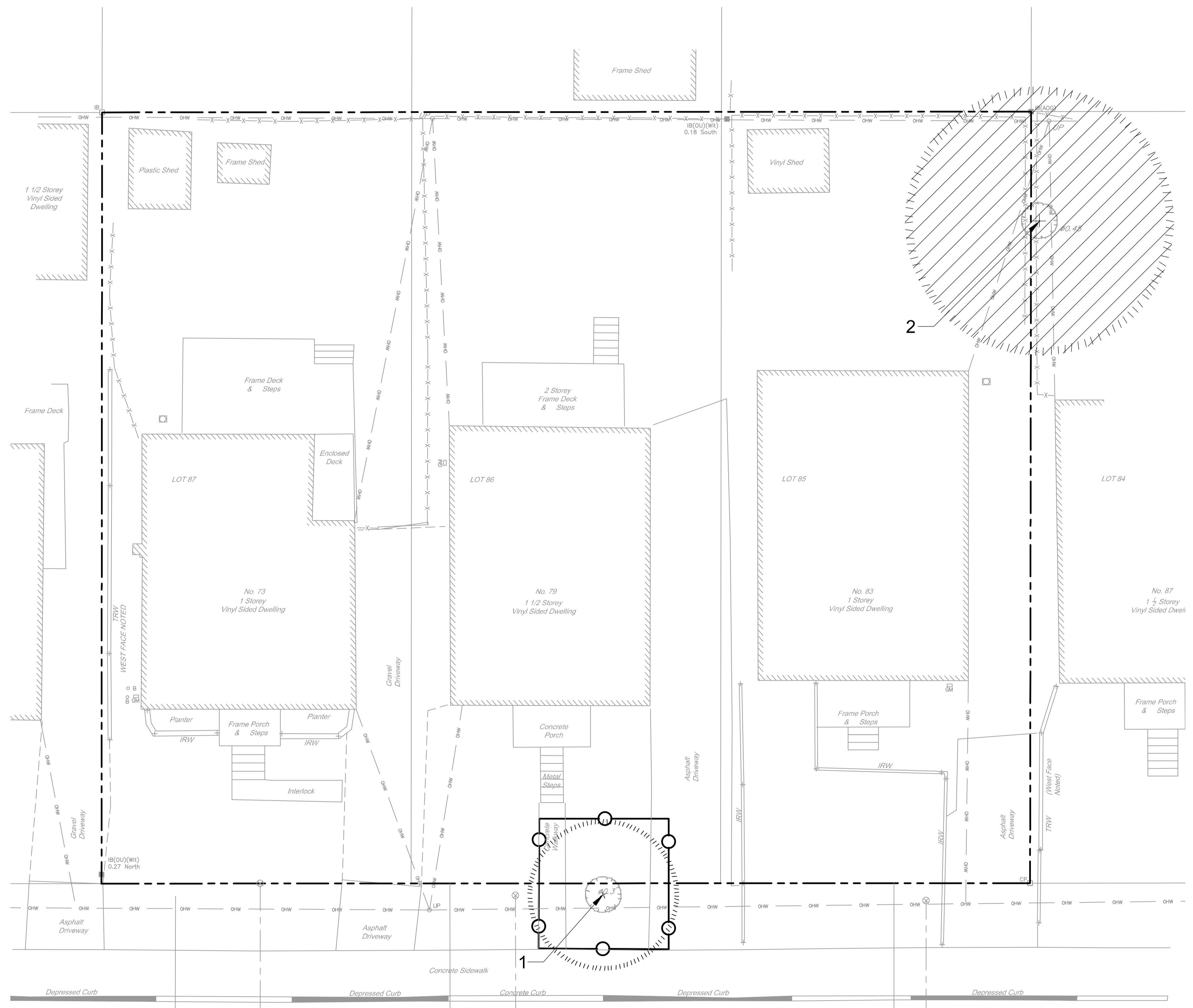
LEGEND



TREE PROTECTION

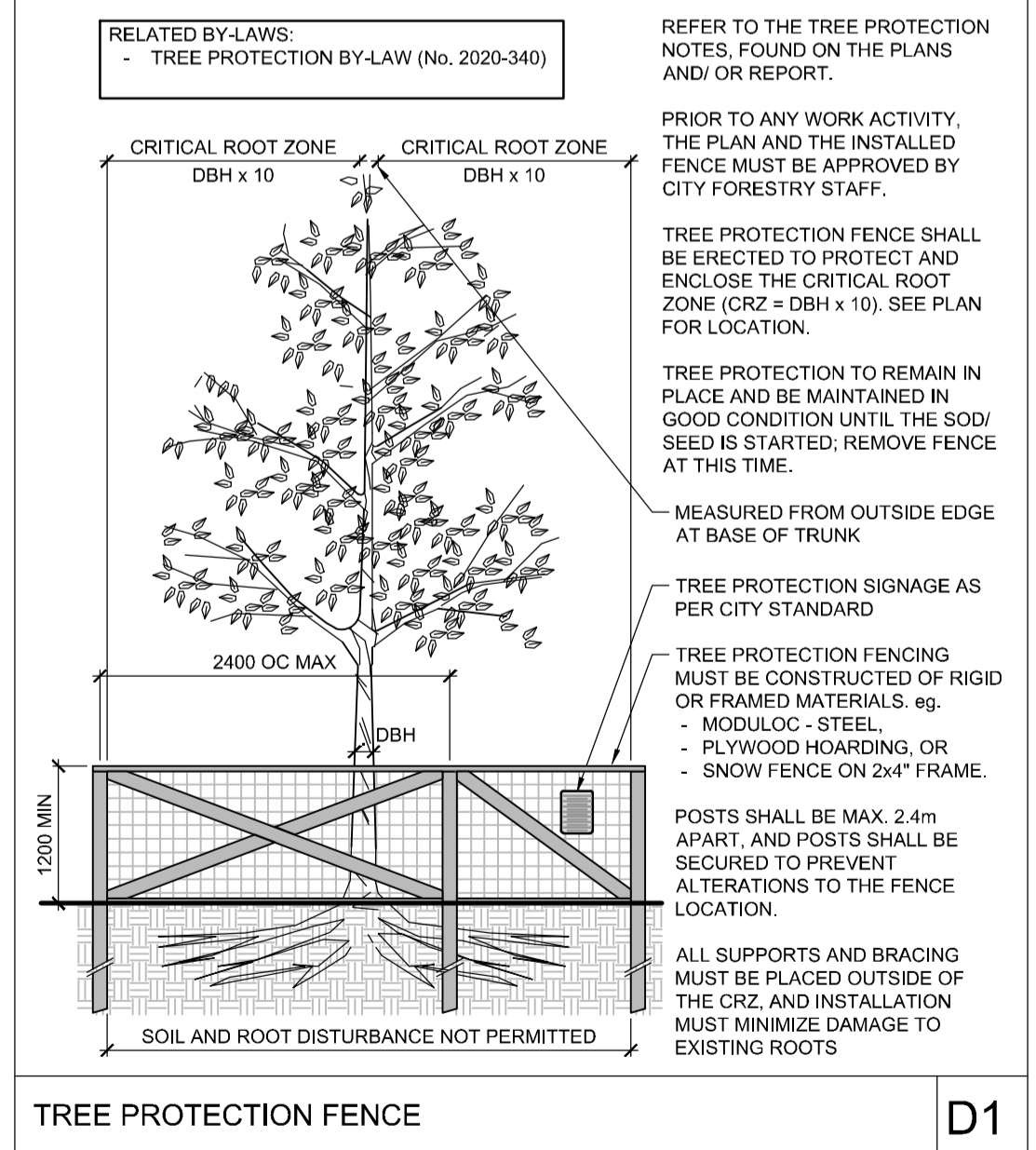
Implement the following protection measures for retained trees, both on site and on adjacent sites, prior to any work activity, including tree removal. Maintain tree protection fence in place and in good condition for the duration of site works:

- The Landscape Architect or Certified Arborist is to determine the location of the tree protection fence and detail it on any associated plans for the site (e.g. tree conservation report, tree disclosure report, etc.).
- Under the guidance of a Landscape Architect or Certified Arborist, erect a fence at the critical root zone (CRZ) of trees. Diameter at breast height (DBH) is the trunk diameter measured at 1.3m height on the tree trunk. The CRZ is calculated as DBH x 10. Refer to the Tree Protection Fence detail.
- Refer to the Tree Protection Plan for fence location. City Forestry Staff are to approve both the plan and the installed fence prior to work commencement.
- Do not place any material or equipment within 2m of the CRZ of any tree, including outhouses.
- Do not attach any signs, notices, or posters to any tree.
- Do not disturb, raise, or lower the existing grade within the CRZ without approval.
- Only tunnel or bore when digging within the CRZ of a tree. Hand work only where required within the CRZ, absolutely no machinery permitted.
- Do not damage the root system, trunk, or branches, or any tree.
- Do not extend hard surface or significantly change landscaping.
- Ensure that exhaust fumes from all equipment are directed away from any tree canopy.
- When trees marked for removal overlap with the CRZ of trees marked for preservation: cut roots at the edge of the CRZ and grind down stumps after tree removals, do not pull out stumps. Ensure there is no root pulling or disturbance of the ground within the CRZ.
- Prior to work taking place, notify and consult the Landscape Architect and City Forestry Staff 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.
- If damaged or objectionable branches are observed, consult the Landscape Architect, before any work is conducted. Do not prune leaders. Do not prune more than 1/4 of crown.
- Set up a water and fertilizing program, if trees are being affected by site works, to the satisfaction of the Landscape Architect.
- The Landscape Architect is to prescribe mitigation measures if the protected fenced area must be reduced to facilitate construction. Measures may include the placement of plywood, wood chips, or steel plating over the roots for protection. City Forestry Staff are to approve said measures prior to fence movement.
- City of Ottawa By-law: Protects municipal trees and municipal areas in the City of Ottawa and trees on private property in the urban area of the City of Ottawa (2020-340).



STE - CECILE STREET

EX. 450mmØ CONC. STORM SEWER @ 0.24%



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
1.	ISSUED FOR SITE PLAN APPLICATION	DEC 16/22	RJ

SCALE	
DESIGN	RI
CHECKED	RJ
DRAWN	RI
CHECKED	RJ
APPROVED	RJ

FOR REVIEW ONLY

ASSOCIATION OF LANDSCAPE ARCHITECTS
ONTARIO
MEMBER
Dec. 16/22

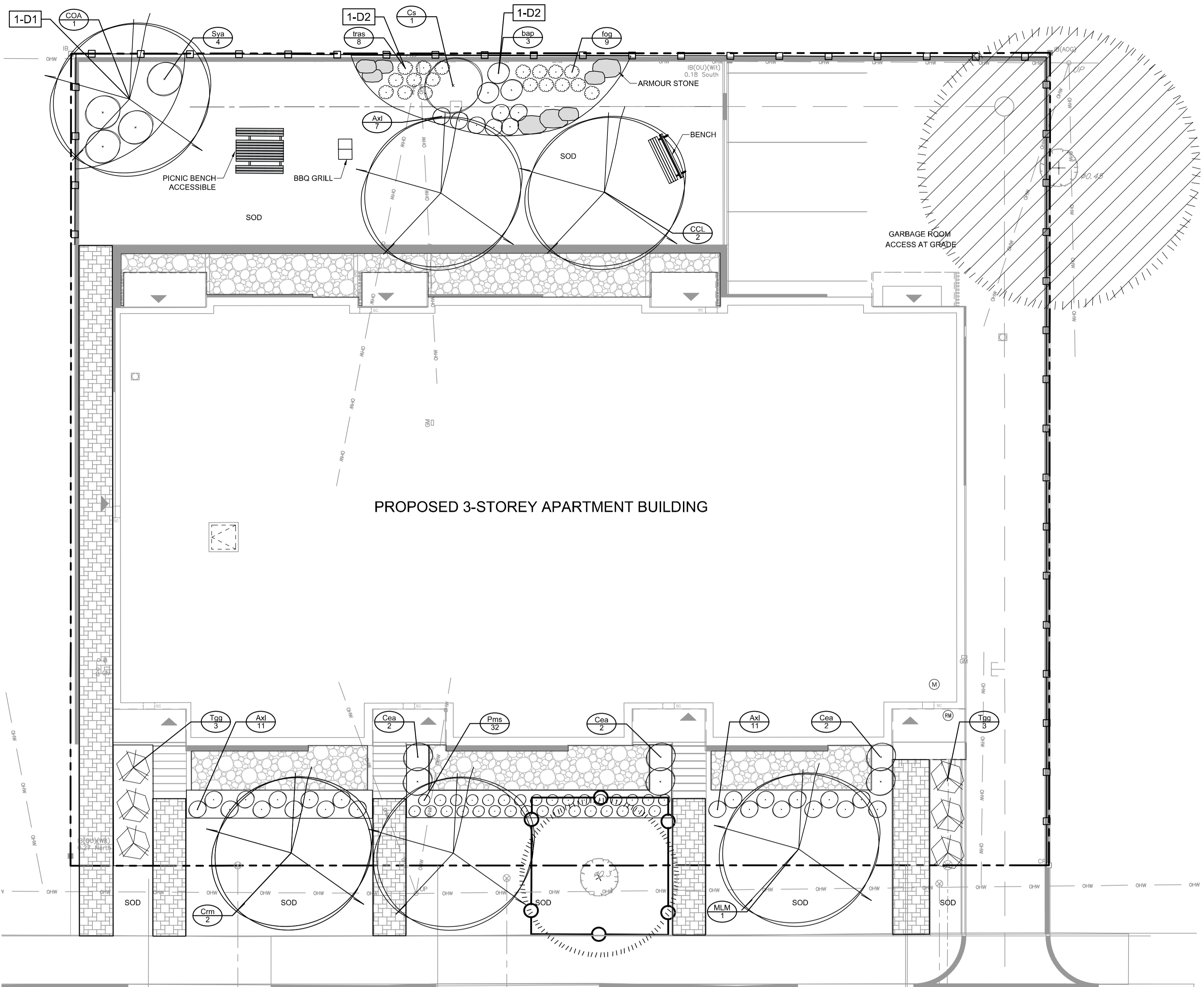
NOVATECH
Engineers, Planners & Landscape Architects
Suite 200, 240 Michael Cowpland Drive
Ottawa, Ontario, Canada K2M 1P6
Telephone (613) 254-9643
Facsimile (613) 254-5867
Website www.novatech-eng.com

LOCATION	
CITY OF OTTAWA 73-83 Ste-Cécile St.	
DRAWING NAME	
TREE CONSERVATION PLAN EXISTING CONDITIONS	
PROJECT NO.	122167
REV	REV # 1
DRAWING NO.	122167-TCR

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PROPOSED 3-STOREY APARTMENT BUILDING

STE - CECILE STREET

PLANT LIST

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	COND	SPACING
Deciduous Trees						
CCL	2	<i>Carpinus caroliniana</i>	American Hornbeam, Ironwood	50mm Cal	WB	As Shown
Crm	2	<i>Cornus mas</i>	Comelian Cherry (Dogwood)	150cm Ht	BB	As Shown
M.M	1	<i>Magnolia x 'boernerii' 'Merrill'</i>	Merrill Magnolia	250cm Ht	WB	As Shown
COA	1	<i>Cornus alternifolia</i>	Pagoda Dogwood	150cm Ht	WB	As Shown
Coniferous Shrubs						
Tgg	9	<i>Thuja occidentalis 'Golden Globe'</i>	Golden Globe Cedar	3g	PT	As Shown
Deciduous Shrubs						
Cs	1	<i>Cornus sericea</i>	Red Osier Dogwood	60cm Ht	PT	As Shown
Axl	29	<i>Aronia x 'Low Scape Mound' (UCONNAM 165)</i>	Low Scape Mound Chokeberry	40cm Ht	PT	As Shown
Pms	32	<i>Philadelphus x 'Miniature Snowflake'</i>	Miniature Snowflake Mockorange	40 cm Ht	PT	As Shown
Sya	4	<i>Symphoricarpos albus</i>	Snowberry	50cm Ht	PT	As Shown
Fog	9	<i>Fothergilla gardenii</i>	Dwarf Fothergilla	50 cm Ht	PT	As Shown
Perennials						
bap	3	<i>Baptisia australis 'Purple Smoke'</i>	Purple Smoke False Indigo	1g	PT	As Shown
tras	8	<i>Tradescantia ohioensis</i>	Ohio Spiderwort	plug		As Shown
Cea	6	<i>Ceanothus americanus</i>	New Jersey Tea	1g	PT	As Shown

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.

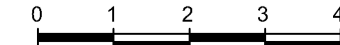
NOT FOR CONSTRUCTION

No.	REVISION	DATE	BY
1.	ISSUED FOR SITE PLAN APPLICATION	DEC 16/22	RJ

SCALE

1:100

1:100



GENERAL

1. 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.
2. 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.
3. It is essential to use the plans and details in conjunction with the specifications and notes.
4. Do not scale drawings. Work to dimensions only.
5. Protect all existing and retained vegetation for the duration of construction according to the contract details and specifications.
6. Reinststate 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 reinststate all areas to pre-construction condition or better to the satisfaction of the Contract Administrator.

CITY DETAILS

Related details from City of Ottawa Standard Tender Documents Volume No. 2 Standard Detail Drawings.

- SC4. Typical Concrete Sidewalk on Boulevard
- SC5. Sidewalk Construction Joints

NOVATECH DETAILS

- D1. Standard Deciduous Tree Planting
- D2. Shrub and Perennial Planting

PRODUCT INFORMATION

Install products as per manufacturer specifications. Shop drawings required.

BOULDERS

- Sizes: 1.0-1.4m L x 0.8-1.0m W x 0.6-0.8m H

BENCH

- 100 Series - 100 Backed Bench by Maglin
Product Number: MBE-0100-00114
Cast Aluminum Ends
Ipe Wood Seat and Back
Cedar Color
Surface Mount

PICNIC BENCH

- 200 Series - 210 Accessible Cluster Seating by Maglin
Product Number: MTB-0210-00042
Frame: Structural I-Beam
Ipe Wood Table Top and Attached Backless Benches (2)
Cedar Color
Surface Mount, Wheelchair Accessible

CHARCOAL BARBEQUE

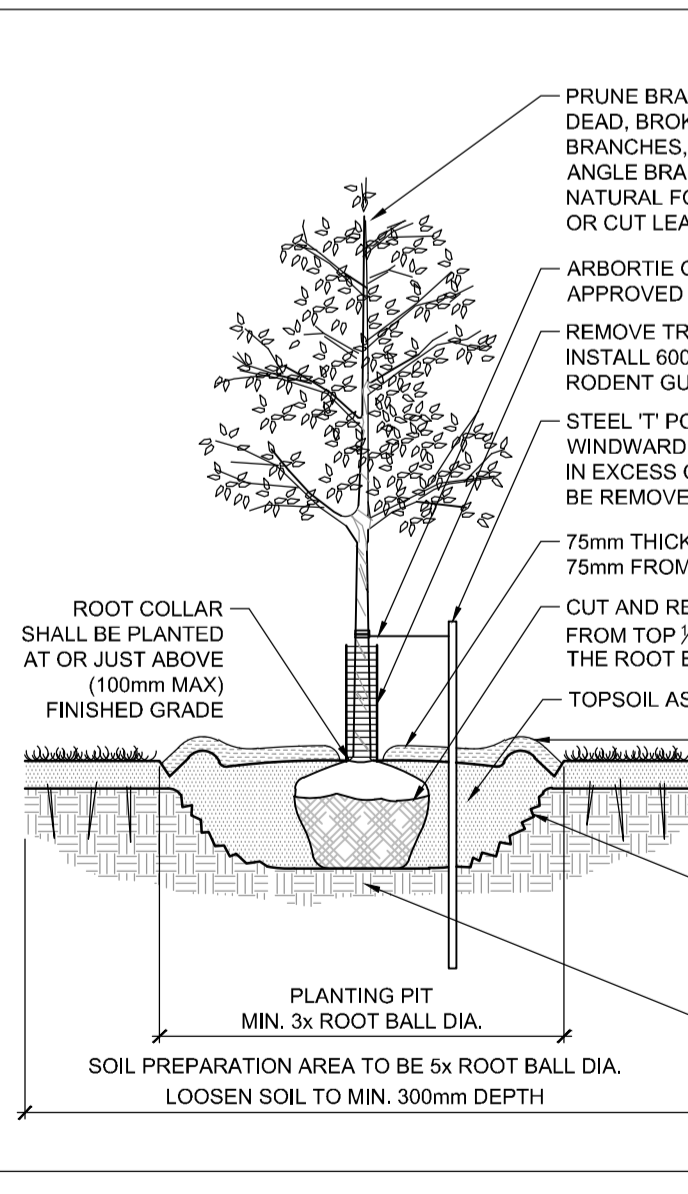
- Outdoor Double Park Grill by ULINE
Product Number: H6580
Post for permanent in-ground installation cast in a sonotube per manufacturer's specifications

LEGEND

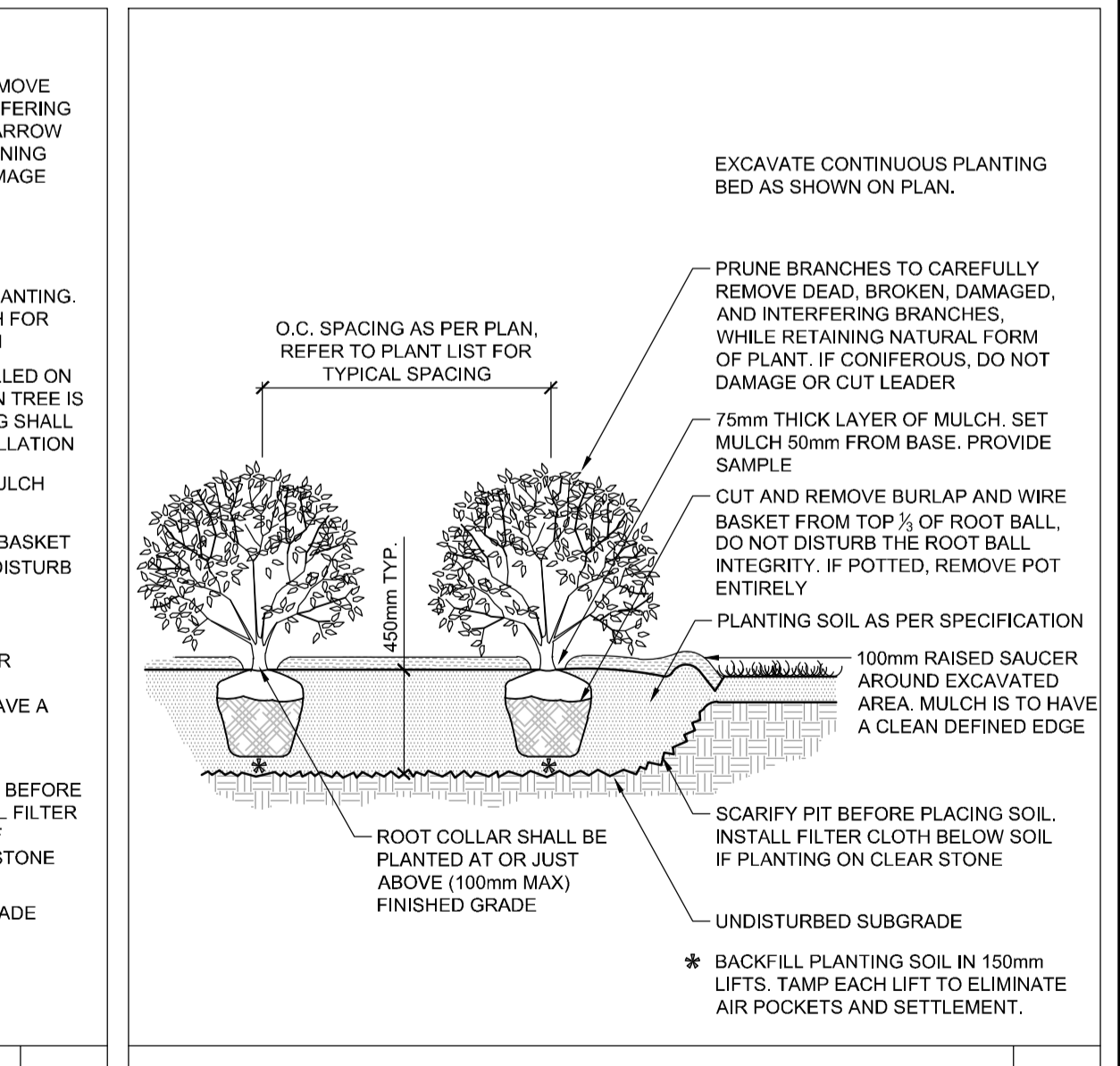
- 3-D1 DETAIL SHEET # NOVATECH OR CITY DETAIL NUMBER SEE LIST FOR CODE
- PROPERTY LIMIT
- TEMPORARY TREE PROTECTION FENCE
- WOOD PRIVACY FENCE 1.8m HT
- SWALE
- PROPOSED PAVERS
- RIVER STONE
- PROPOSED DECIDUOUS TREE
- EXISTING TREE TO REMAIN
- EXISTING TREE TO REMOVE
- PROPOSED PERENNIALS
- PROPOSED CONIFEROUS SHRUBS
- PROPOSED DECIDUOUS SHRUBS
- SPECIES (SEE PLANT LIST)
- KEY ## QUANTITY

PLANTING

1. 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.
2. Plant material substitutions are not permitted without the written approval from the Consultant, with 48 hours notice, prior to shipping plant material.
3. Plant locations are schematic / approximate only. Contractor is to stake out locations on site for approval by the Landscape Architect prior to installation.
4. 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.
5. Ensure trees are thoroughly watered following planting. Monitor material and ensure adequate moisture until acceptance.
6. In heavy clay or poorly drained soils, set root ball with root collar 75-100mm higher than finished grade.
7. 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.
8. 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.
9. 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.
10. 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.

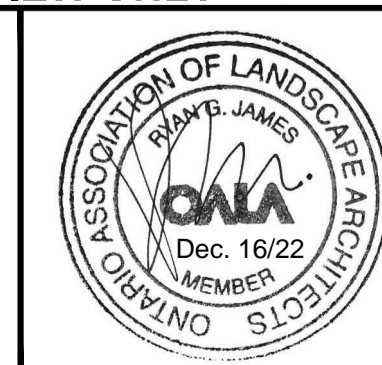


STANDARD DECIDUOUS TREE PLANTING



SHRUB AND PERENNIAL PLANTING

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
73-83 Ste-Cecile St.
DRAWING NAME
LANDSCAPE PLAN

PROJECT No.	122167
REV	REV # 1
DRAWING No.	122167-L1