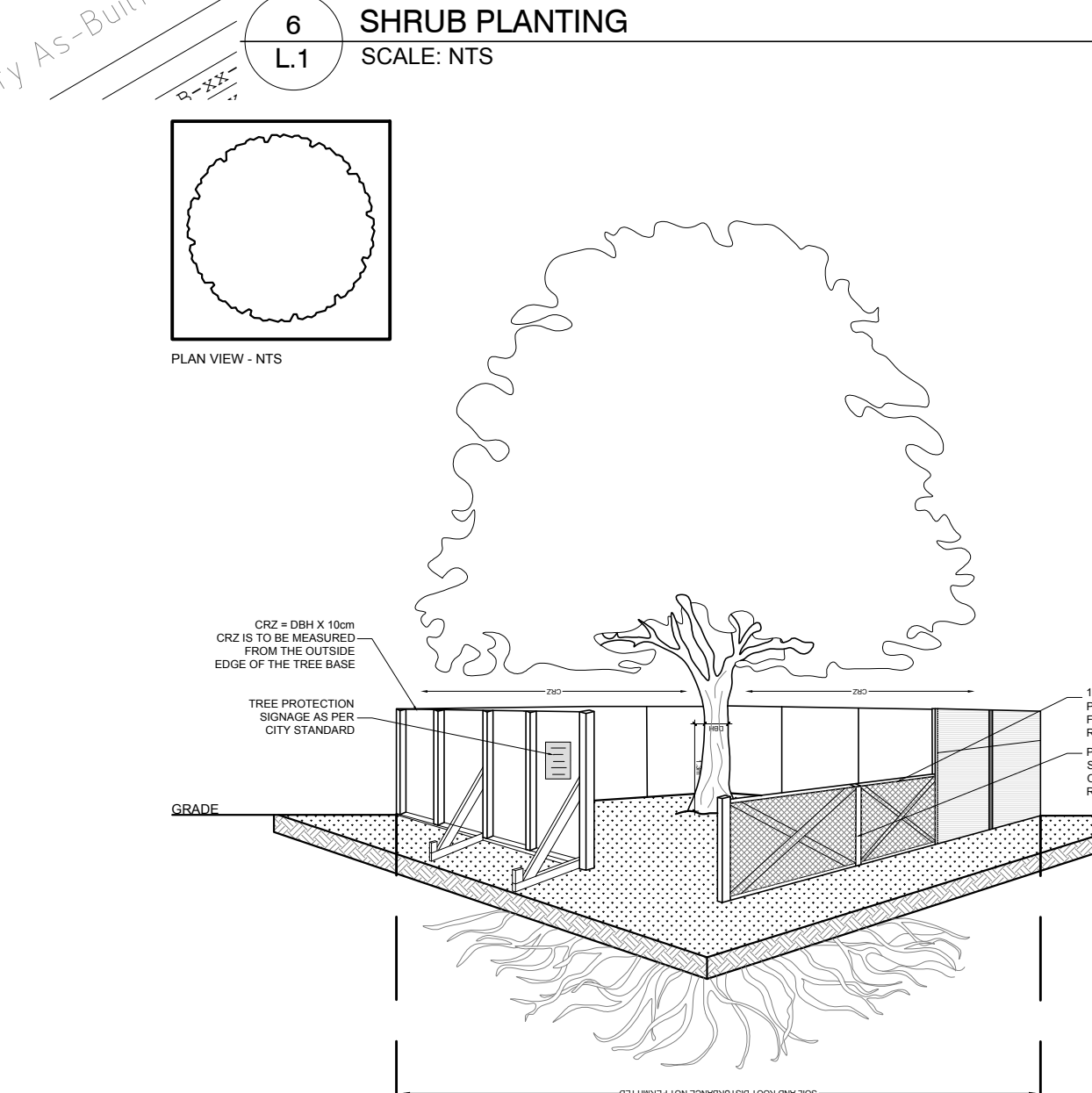
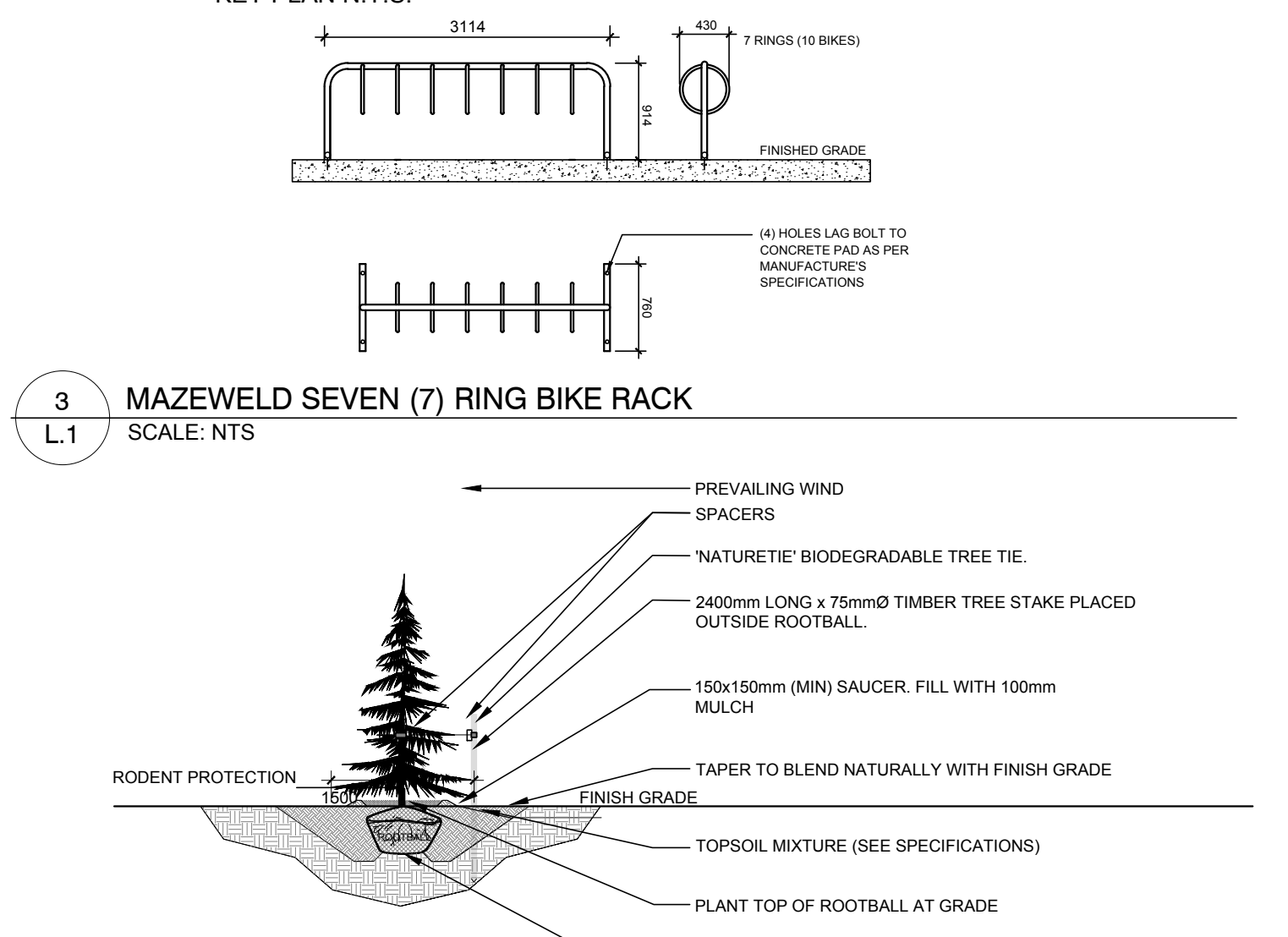
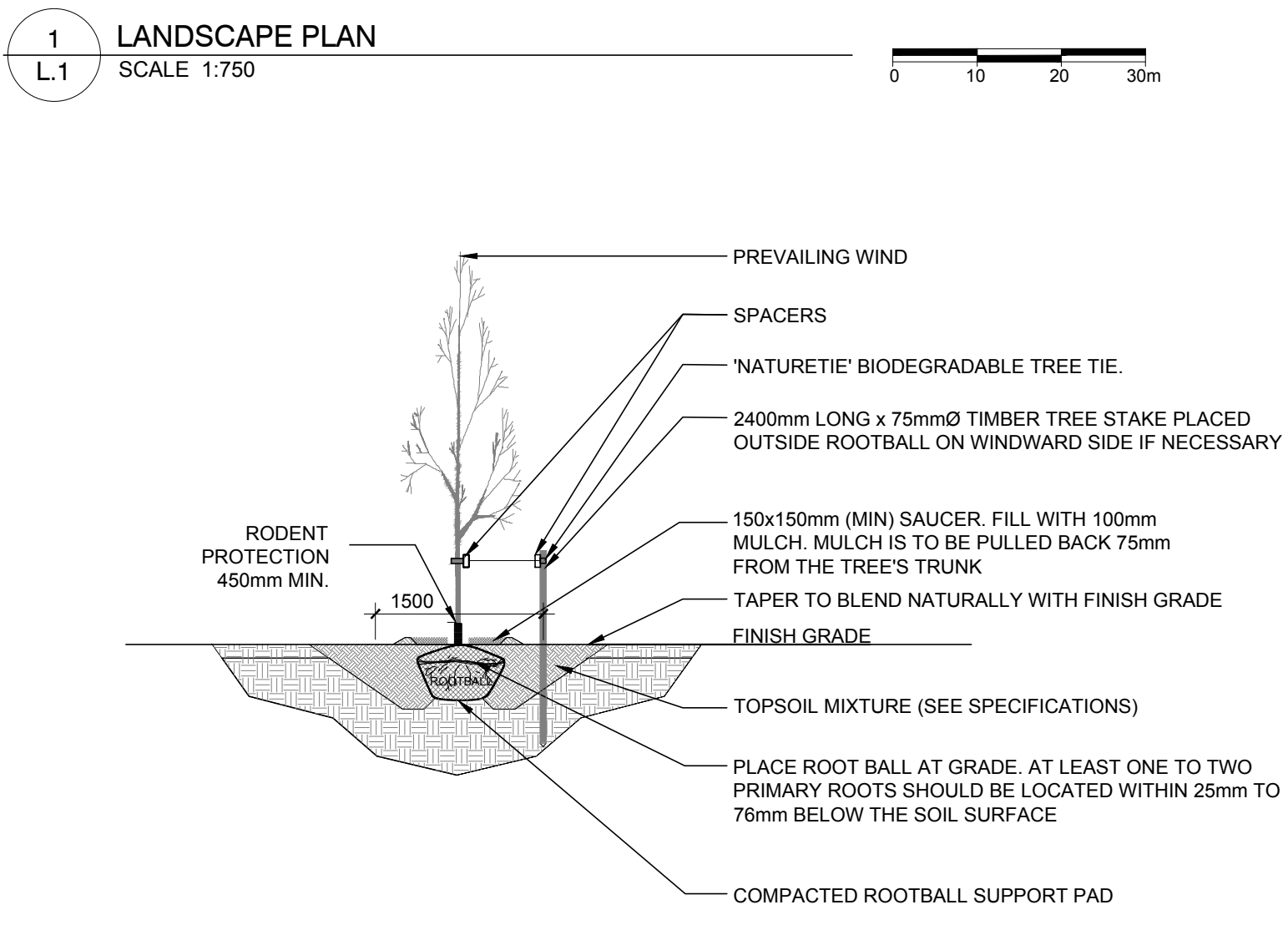
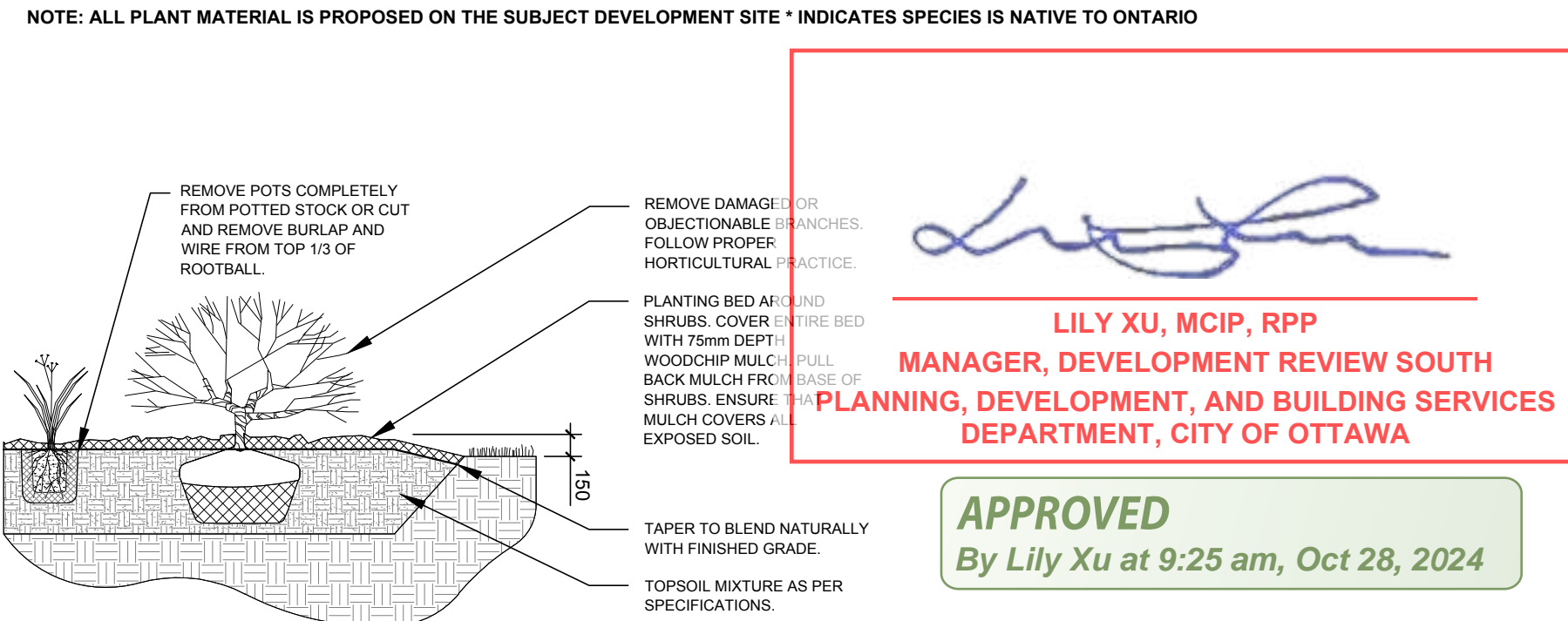


- GENERAL NOTES:**
- IT IS THE RESPONSIBILITY OF THE APPROPRIATE CONTRACTOR OR OFFICIAL TO REPORT ANY ERRORS, OMISSIONS OR DISCREPANCIES ON THIS PLAN WITH ACTUAL SITE CONDITIONS TO THE LANDSCAPE ARCHITECT BEFORE PROCEEDING WITH CONSTRUCTION.
 - THE CONTRACTOR IS TO NOTIFY ALL UTILITY COMPANIES AND AUTHORITIES PRIOR TO ANY EXCAVATION AND ASCERTAIN LOCATIONS OF UNDERGROUND SERVICES.
 - THE CONTRACTOR IS TO REINSTATE ALL AREAS AND ITEMS DAMAGED AS A RESULT OF CONSTRUCTION ACTIVITY.
 - THE CONTRACTOR IS TO COMPLY WITH ALL PERTINENT CODES AND BY-LAWS.
 - THE CONTRACTOR IS TO MAINTAIN A POSITIVE SURFACE RUN-OFF THROUGHOUT THE ENTIRE CONSTRUCTION PERIOD.
 - THE LANDSCAPE ARCHITECT IS NOT RESPONSIBLE FOR SUBSURFACE CONDITIONS.
 - THE CONTRACTOR IS TO IDENTIFY ALL EXISTING TREES TO REMAIN ON SITE WITH THE LANDSCAPE ARCHITECT PRIOR TO CONSTRUCTION.
 - THE CONTRACTOR IS TO STAKE THE PROPOSED LOCATION OF ALL PLANT MATERIAL IN CONJUNCTION WITH THE LANDSCAPE ARCHITECT PRIOR TO EXCAVATION.
 - MINIMUM DISTANCES FOR SELECTED DECIDUOUS TREES ARE AS FOLLOWS:
 - BUILDING FOUNDATIONS - 7.5M
 - SIDEWALKS - 1.5M
 - PUBLIC STREETS - 2.5M
 - UNDERGROUND INFRASTRUCTURE - 2.0M
 - ALL TREES WITHIN 1M OF UNDERGROUND UTILITY TRENCHES ARE TO BE EXCAVATED BY HAND.
 - REMOVE ALL PROTECTIVE WRAPPING FROM TREE TRUNKS AFTER INSTALLATION.
 - STAKING OF TREES SHALL ONLY BE PERFORMED IF NECESSARY.
 - ENSURE THAT MULCH IS PULLED BACK A MINIMUM DISTANCE OF 75MM FROM BASE OF TREE TRUNK.
 - THE LANDSCAPE PLAN WAS PREPARED IN ACCORDANCE TO THE GEOTECHNICAL INVESTIGATION PREPARED BY GEMTEC MAY 13, 2024

PROPOSED PLANT LIST (QTY KEY)

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	REMARKS	NATIVE
TREES							
* AC	6	<i>Acer saccharum</i>	Sugar Maple	3m HT	Potted		YES
* AR	18	<i>Acer rubrum</i>	Red Maple	50mm cal.	B&B		YES
* FM	4	<i>Acer x freemanii</i>	Freeman's Maple	50mm cal.	B&B		YES
* HB	5	<i>Celtis occidentalis</i>	Hackberry	50mm cal.	B&B		YES
* HL	4	<i>Gleditsia triacanthos var. inermis 'Shademaster'</i>	Shademaster Honey Locust	50mm cal.	B&B		NO
* PB	8	<i>Betula papyrifera</i>	Paper Birch	3m HT	Potted		YES
* PG	11	<i>Picea glauca</i>	White Spruce	1800mm ht.	B&B		YES
* RM	9	<i>Acer rubrum</i>	Red Maple	3m HT. Potted	Potted		YES
* RO	7	<i>Quercus rubra</i>	Red Oak	3m HT. Potted	Potted		YES
* SB	3	<i>Amelanchier canadensis</i>	Serviceberry	50mm cal.	B&B		YES
* SM	2	<i>Acer saccharum</i>	Sugar Maple	50mm cal.	B&B		YES
* WP	3	<i>Pinus strobus</i>	White Pine	50mm cal.	B&B		YES
SHRUBS							
* As	54	<i>Myrica gale</i>	Sweetgale	600mm ht.	Potted	Space 1000mm O.C.	YES
* Bh	103	<i>Diervillea lonicera</i>	Bush Honeysuckle	250mm ht.	Potted	Space 1000mm O.C.	YES
* Fs	25	<i>Sobania sorbifolia 'Sem'</i>	Sem False Spirea	600mm ht.	Potted	Space 1000mm O.C.	NO
* Nb	111	<i>Viburnum lentago</i>	Nannyberry	600mm Potted	Potted	Space 1800mm O.C.	YES
* Pw	51	<i>Salix discolor</i>	American Pussy Willow	600mm Potted	Potted	Space 1200mm O.C.	YES
* Rd	90	<i>Cornus sericea</i>	Red Osier Dogwood	800mm ht.	Potted	Space 1200mm O.C.	YES
* Rr	22	<i>Rosa rugosa</i>	Rugosa Rose	600mm ht.	Potted	Space 1000mm O.C.	NO
* Wc	128	<i>Thuja occidentalis 'Clumps'</i>	Eastern White Cedar Clumps	1500mm ht.	Bare root	Space 800mm O.C. 3 or more trunks	YES



2 DECIDUOUS TREE PLANTING
 L.1 SCALE: NTS

4 CONIFEROUS TREE PLANTING
 L.1 SCALE: NTS

5 TREE PROTECTION FENCE
 L.1 SCALE: NTS

TREE PROTECTION REQUIREMENTS:

- PRIOR TO ANY WORK ACTIVITY WITHIN THE CRITICAL ROOT ZONE (CRZ) A 10x DIAMETER OF A TREE, TREE PROTECTION FENCING MUST BE INSTALLED SURROUNDING THE CRITICAL ROOT ZONE AND REMAIN IN PLACE UNTIL THE WORK IS COMPLETE.
- UNLESS PLANS ARE APPROVED BY CITY FORESTRY STAFF, FOR WORK WITHIN THE CRZ:
 - DO NOT PLACE ANY MATERIAL OR EQUIPMENT INCLUDING OUTHOUSES.
 - DO NOT RAISE OR LOWER THE EXISTING GRADE.
 - DO NOT DAMAGE THE TREE SYSTEM, TRUNK OR BRANCHES OR ANY TREE.
 - ENSURE THAT EXHAUST FLAMES FROM ALL EQUIPMENT ARE NOT DIRECTED TOWARD ANY TREE CANOPY.
 - DO NOT EXTEND HARD SURFACE OR SIGNIFICANTLY CHANGE LANDSCAPING.
- TREE PROTECTION FENCING MUST BE AT LEAST 1.2m IN HEIGHT, AND BE CONSTRUCTED OF RIGID OR FRAMED MATERIALS (E.G. MODULOC-STEEL, PLYWOOD BOARDING, OR SNOW FENCE ON A 2"x4" WOOD FRAME) WITH POSTS 4.5M APART. SUCH THAT THE FENCE LOCATION CANNOT BE ALTERED. ALL SUPPORTS AND BRACKETS MUST BE PLACED OUTSIDE OF THE CRZ AND INSTALLATION MUST MINIMIZE DAMAGE TO EXISTING TREES. (SEE DETAIL)
- THE LOCATION OF THE TREE PROTECTION FENCING MUST BE DETERMINED BY AN ARBORIST AND DETAILED ON ANY ASSOCIATED PLANS FOR THE SITE (E.G. TREE CONSERVATION REPORT, TREE DISCLOSURE REPORT, ETC.). THE PLAN AND CONSTRUCTED FENCING MUST BE APPROVED BY CITY FORESTRY STAFF PRIOR TO THE COMMENCEMENT OF WORK.
- IF THE FENCED TREE PROTECTION AREA MUST BE REDUCED TO FACILITATE CONSTRUCTION, MITIGATION MEASURES MUST BE PRESCRIBED BY AN ARBORIST AND APPROVED BY CITY FORESTRY STAFF. THESE MAY INCLUDE THE PLACEMENT OF PLYWOOD, WOOD CHIPS OR STEEL PLATING OVER THE ROOTS FOR PROTECTION OR THE PROPER PRUNING AND CARE OF ROOTS WHERE ENCOUNTERED.

BY-LAWS:
 ALL CITY-OWNED TREES ARE PROTECTED UNDER THE MUNICIPAL TREES AND NATURAL AREAS PROTECTION BY-LAW (2008-279) WITHIN THE URBAN AREA.
 PRIVATELY OWNED TREES GREATER THAN 50cm IN DIAMETER ON LOTS 1 HECTARE IN SIZE OR LESS, AND TREES GREATER THAN 10cm IN DIAMETER ON LOTS GREATER THAN 1 HECTARE, ARE PROTECTED UNDER THE URBAN TREE CONSERVATION BY-LAW (2009-200).

CLIENT: **JFSA**

CONSULTANTS: ARCHITECTS: **JFSA**

CIVIL ENGINEERS: **RCI45 YEARS**
 Robison Land Development
 a division of Robison Consultants Inc.

LEGEND

- EXISTING TREE TO REMAIN
- EXISTING VEGETATION GROUP TO REMAIN
- 40 YEAR CANOPY PROJECTION
- PROPOSED DECIDUOUS TREE
- 30m3 SOIL VOLUME AT A 1.5m DEPTH
- 40 YEAR CANOPY PROJECTION
- PROPOSED CONIFEROUS TREE
- 30m3 SOIL VOLUME AT A 1.5m DEPTH
- PROPOSED SHRUBS
- PROPOSED SOD
- PROPOSED RYE SEED MIX
- PROPOSED RIPARIAN SEED MIX
- TREE PROTECTION FENCE
- PROPOSED 1.83m HL GALVANIZED CHAIN LINK FENCE
- PROPOSED 1.5m HL GALVANIZED CHAIN LINK FENCE

15	REVISED PER CITY COMMENTS	10/09/2024	ML	JL
14	REVISED PER CITY COMMENTS	08/20/2024	ML	JL
13	BIKE RACK DETAIL ADDED	06/03/2024	ML	JL
12	REVISED PER NEW TCR	04/22/2024	ML	JL
11	REVISED PER NEW SITE PLAN	11/17/2023	ML	JL
10	UPDATED PER COMMENTS	08/23/2023	CM	JL
9	UPDATED PER LIGHTING PLAN	08/22/2023	CM	JL
8	UPDATED PER CIVIL PLAN	08/16/2023	CM	JL
7	ISSUED FOR DISCUSSION AND REVIEW	08/09/2023	CM	JL
6	ISSUED PER NEW SITE PLAN	07/31/2023	CM	JL
5	ISSUED PER COMMENTS	07/26/2023	CM	JL
4	ISSUED FOR DISCUSSION AND REVIEW	07/24/2023	CM	JL
3	ISSUED PER NEW SITE PLAN	07/19/2023	CM	JL
2	ISSUED PER NEW SITE PLAN	07/10/2023	CM	JL
1	ISSUED FOR DISCUSSION AND REVIEW	07/06/2023	CM	JL

No. Issue Date DR CK

JAMES B. LENNOX & ASSOCIATES INC.
 LANDSCAPE ARCHITECTS
 3332 CARLING AVE. OTTAWA, ONTARIO K2H 5A8
 Tel: (613) 723-5168 Fax: (1866) 343-3942

PROJECT: **1319 Johnston Road, Ottawa ON**

DRAWING: **LANDSCAPE PLAN**

SCALE: AS SHOWN

START DATE: July 2023

PROJECT NO.: 23MIS2360

DRAWING NO.: **L.1**

PLOT SIZE ARCH-E

#19173 D07-12-24-0096