

FUTURE RESIDENTIAL DEVELOPMENT (BY OTHER'S)

MER-BLEUE ROAD

**GENERAL NOTES:**

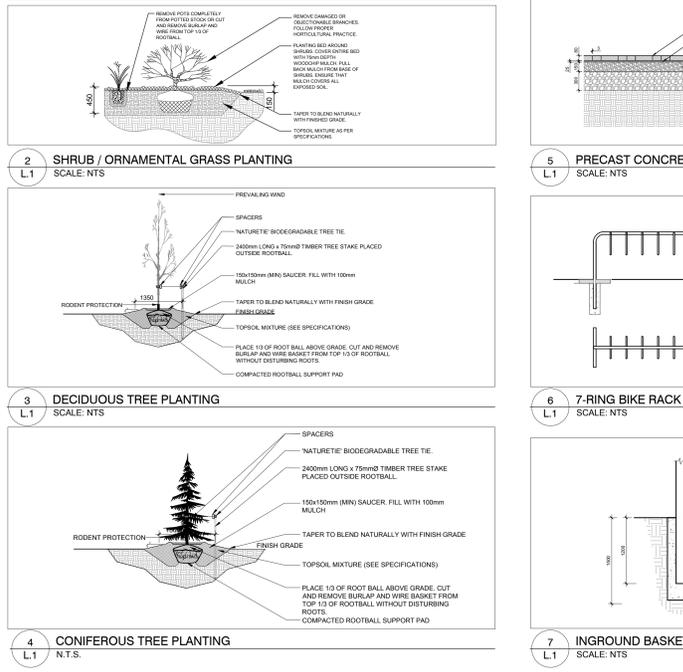
- It is the responsibility of the appropriate contractor or official to report any errors, omissions or discrepancies on this plan with actual site conditions to the Landscape Architect before proceeding with construction.
- The contractor is to notify all utility companies and authorities prior to any excavation and ascertain locations of underground services.
- The contractor is to restitute 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.
- 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 min. distance of 75mm from base of tree trunk.

**EXISTING TREE LIST**

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	REMARKS	OWNERSHIP	COMMENTS
1	1	Picea glauca	White Spruce	720mm DBH	FAIR	To be removed	2405 Mer Bleue Road	Approx. 60% of needles on tree - in fair condition
2	1	Picea glauca	White Spruce	450mm DBH	FAIR	To be removed	2405 Mer Bleue Road	Approx. 50% of needles on tree - in fair condition
3	1	Acer saccharum	Sugar Maple	370mm DBH	GOOD	To be removed	2405 Mer Bleue Road	100% canopy growing under OHV
4	1	Abies balsamea	Balsam Fir	550mm DBH	FAIR	To be removed	2405 Mer Bleue Road	Approx. 70% of needles on tree - in fair condition
5	1	Picea glauca	White Spruce	390mm DBH	GOOD	To be removed	2405 Mer Bleue Road	Tree is in good condition
6	1	Picea glauca	White Spruce	340mm DBH	GOOD	To be removed	2405 Mer Bleue Road	Tree is in good condition
7	1	Thuja occidentalis	Eastern White Cedar	400mm DBH	GOOD	To be removed	2405 Mer Bleue Road	Tree is in good condition
8	1	Picea glauca	White Spruce	540mm DBH	GOOD	To be removed	2405 Mer Bleue Road	Tree is in good condition
9	1	Picea glauca	White Spruce	200mm DBH	GOOD	To be removed	2405 Mer Bleue Road	Tree is in good condition
10	1	Picea glauca	White Spruce	250mm DBH	GOOD	To be removed	2405 Mer Bleue Road	Tree is in good condition
11	1	Ulmus americana	American Elm	320mm DBH	GOOD	To be removed	2405 Mer Bleue Road	Tree is in good condition
12	1	Picea glauca	White Spruce	480mm DBH	GOOD	To be removed	2405 Mer Bleue Road	Tree is in good condition
13	1	Picea glauca	White Spruce	410mm DBH	GOOD	To be removed	2405 Mer Bleue Road	Unmaintained deciduous hedgerow
14	1	Picea glauca	White Spruce	490mm DBH	GOOD	To be removed	2405 Mer Bleue Road	Unmaintained deciduous hedgerow - invasive species
15	1	Scots Pine	Scots Pine	140mm DBH	FAIR	To be removed	2405 Mer Bleue Road	Approx. 70% canopy - tree is in fair condition
16	1	Populus deltoides	Eastern Cottonwood	700mm DBH	FAIR	To be removed	2405 Mer Bleue Road	Tree is in fair condition - split leader
17	1	Acer saccharum	Sugar Maple	500mm DBH	GOOD	To be removed	2405 Mer Bleue Road	Tree is in good condition
18	1	Picea glauca	White Spruce	270mm DBH	POOR	To be removed	2405 Mer Bleue Road	Approx. 20% canopy - tree is in poor condition
19	1	Thuja occidentalis	Eastern White Cedar	620x250mm DBH	GOOD	To be removed	2405 Mer Bleue Road	Tree is in good condition
20	1	Malus domestica	Apple	170mm DBH	GOOD	To be removed	2405 Mer Bleue Road	Tree is in good condition
21	1	Malus domestica	Apple	210mm DBH	GOOD	To be removed	2405 Mer Bleue Road	Tree is in good condition
22	1	Acer saccharum	Sugar Maple	120mm DBH	GOOD	To be removed	2405 Mer Bleue Road	Tree is in good condition
23	8	Populus deltoides	Eastern Cottonwood	100-150mm DBH	GOOD	To be removed	2405 Mer Bleue Road	Hedgerow in good condition
24	1	Picea glauca	White Spruce	390mm DBH	GOOD	To be removed	2405 Mer Bleue Road	Tree is in good condition
25	1	Rhamnus cathartica	Common Buckthorn	2x120mm DBH	GOOD	To be removed	2405 Mer Bleue Road	Tree is in good condition - invasive species
26	1	Populus deltoides	Eastern Cottonwood	300mm DBH	GOOD	To be removed	2419 Mer Bleue Road	Tree is in good condition - can be hazardous at this size
27	1	Thuja occidentalis 'Fastigata'	Pyramidal Cedar	150mm DBH	FAIR	To be removed	2419 Mer Bleue Road	Tree is in fair condition - showing signs of salt damage
28	1	Thuja occidentalis 'Fastigata'	Pyramidal Cedar	150mm DBH	FAIR	To be removed	2419 Mer Bleue Road	Tree is in fair condition - showing signs of salt damage
29	1	Thuja occidentalis	Eastern White Cedar	240x250mm DBH	GOOD	To be removed	2419 Mer Bleue Road	Tree is in good condition
30	1	Thuja occidentalis	Eastern White Cedar	600x300mm DBH	GOOD	To be removed	2419 Mer Bleue Road	Tree is in good condition
31	1	Syringa reticulata	Japanese Tree Lilac	120mm DBH	GOOD	To be removed	2419 Mer Bleue Road	Tree is in fair condition - bark scaling
32	1	Populus deltoides	Eastern Cottonwood	130mm DBH	GOOD	To be removed	2419 Mer Bleue Road	Tree is in good condition
33	1	Populus deltoides	Eastern Cottonwood	120mm DBH	GOOD	To be removed	2419 Mer Bleue Road	Tree is in good condition
34	1	Acer negundo	Manitoba Maple	2x150mm DBH	GOOD	To be removed	2419 Mer Bleue Road	Tree is in good condition
35	1	Acer negundo	Manitoba Maple	120mm DBH	GOOD	To be removed	2419 Mer Bleue Road	Tree is in good condition
36	1	Acer negundo	Manitoba Maple	3x150mm DBH	GOOD	To be removed	2419 Mer Bleue Road	Tree is in good condition
37	6	Acer negundo	Manitoba Maple	150-200mm DBH	GOOD	To be removed	2419 Mer Bleue Road	Tree is in good condition
38	1	Populus deltoides	Eastern Cottonwood	110mm DBH	GOOD	To be removed	2419 Mer Bleue Road	Tree is in good condition
39	1	Acer negundo	Manitoba Maple	150mm DBH	GOOD	To be removed	2419 Mer Bleue Road	Tree is in good condition
40	1	Thuja occidentalis	White Cedar Hedge	100-150mm DBH	GOOD	To be removed	2419 Mer Bleue Road	Hedge is in good condition

**PROPOSED PLANT LIST**

KEY	QTY	BOTANICAL NAME	COMMON NAME	SIZE	CONDITION	REMARKS
<b>TREES</b>						
• BW	3	Tilia americana	Basswood	50mm cal.	B&B	Large deciduous
• FM	11	Acer x freemanii	Freeman's Maple	50mm cal.	B&B	Large deciduous
• GB	3	Quercus bicolor	Hackberry	50mm cal.	B&B	Male tree, large dec.
• HB	5	Celtis occidentalis	Hickory	50mm cal.	B&B	Large deciduous
• JL	7	Syringa reticulata	Japanese Tree Lilac	50mm cal.	B&B	Single leader sm. tree
• JU	1	Juniperus virginiana	Eastern Redcedar	200mm ht.	B&B	Small tree
• SB	7	Amelanchier canadensis	Serviceberry	50mm cal.	B&B	Small tree
• SH	5	Cornus racemiflora 'Sweetmaster'	Sweetmaster Honey Locust	50mm cal.	B&B	Native to S. Ont med. dec.
• SM	8	Acer saccharum	Sugar Maple	50mm cal.	B&B	Large deciduous
<b>SHRUBS</b>						
AC	26	Ribes alpinum	Alpine Currant	800mm ht.	Potted	1200mm o.c.
AH	9	Juniperus sabina 'Calgary Carpet'	Calgary Carpet Juniper	600mm top	Potted	1000mm o.c.
RR	26	Rosa rugosa	Rugosa Rose	800mm ht.	Potted	1200mm o.c.
SF	30	Sorbaria sorbifolia 'Sem'	White Flowering Sorbaria	600mm ht.	Potted	1000mm o.c.
• WC	265	Thuja occidentalis 'Clumps'	Naive White Cedar Clumps	2000mm ht.	Potted	600mm o.c.
<b>ORNAMENTAL GRASSES</b>						
BL	196	Leymus arenarius 'Blue Dune'	Blue Lyme Grass	250mm pot	Potted	800mm o.c.
KF	216	Calamagrostis 'Karl Foerster'	Karl Foerster Grass	250mm pot	Potted	800mm o.c.
OD	113	Calamagrostis 'Overcast'	Overcast Grass	250mm pot	Potted	800mm o.c.



**40 YEAR CANOPY CALCULATION:**

33,143m<sup>2</sup> site area  
 (30) large trees proposed (154m<sup>2</sup> ea.)  
 (5) medium trees proposed (79m<sup>2</sup> ea.)  
 (15) small trees proposed (7m<sup>2</sup> ea.)  
 =5,120m<sup>2</sup> canopy cover =15.4% canopy cover  
 \*Large trees calculated at 14m spread, medium at 10m spread, and small at a 3m spread.

**NOTE REGARDING THE GEOTECHNICAL REPORT:**

The Landscape Plan has been prepared in conjunction with the "Geotechnical Report" prepared by Cambium Inc. November 18th, 2024.

**LEGAL DESCRIPTION:**

**PART OF LOT 4 CONCESSION #11**  
**GEOGRAPHIC TOWNSHIP OF CUMBERLAND**  
**CITY OF OTTAWA**

CLIENT  
 Conseil des écoles publiques de l'Est de l'Ontario

CONSULTANTS  
 ARCHITECTS  
**grc architects**

CIVIL ENGINEERS  
**LRJ**  
 ENGINEERING | INGENIERIE  
 5430 Carleton Road | Ottawa, ON, K1J 9G2  
 www.lrj.ca | (613) 842-3434

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**LEGEND**

- PROPOSED ENGINEERED WOOD FIBRE
- PROPOSED CONCRETE
- PROPOSED PAVERS
- PROPOSED SOD
- REQUIRED SOIL VOLUME AT 1.5m DEPTH
- PROPOSED DECIDUOUS TREE
- REQUIRED SOIL VOLUME AT 1.5m DEPTH
- PROPOSED CONIFEROUS TREE
- PROPOSED SHRUBS / ORNAMENTAL GRASSES
- EXISTING TREE TO BE REMOVED
- GROUP OF EXISTING TREES TO BE REMOVED
- PROPERTY LINE

10	ISSUED FOR BUILDING PERMIT AND RE-ISSUED FOR SPC	04/04/2025	LC	JL
9	ISSUED FOR TENDER AND BUILDING PERMIT	03/25/2025	ML	JL
8	FIVE (5) LARGE TREES ADDED	03/21/2025	ML	JL
7	REVISED PER CITY COMMENTS	03/18/2025	ML	JL
6	REVISED PER CITY COMMENTS	03/14/2025	ML	JL
5	ISSUED FOR DISCUSSION AND REVIEW	03/03/2025	LC	JL
4	ISSUED FOR 60% REVIEW	01/31/2025	ML	JL
3	ISSUED FOR DISCUSSION AND REVIEW	01/29/2025	ML	JL
2	REVISED AS PER ARCHITECTS COMMENTS	01/24/2025	GCAT	JL
1	ISSUED FOR DISCUSSION AND REVIEW	12/13/2024	ML	JL
No.	Issue	Date	DR	CK

consultant  
**JAMES B. LENNOX & ASSOCIATES INC.**  
 LANDSCAPE ARCHITECTS  
 3132 CARLETON AVE. OTTAWA, ONTARIO K2H 5A8  
 TEL: (613) 732-5168 FAX: (613) 842-3922

professional stamp  
 JBL  
 JAMES B. LENNOX  
 LANDSCAPE ARCHITECT

project title  
**NOUVELLE ÉCOLE SECONDAIRE PUBLIQUE À ORLÉANS**

Orléans South Ontario

drawing title  
**TREE CONSERVATION REPORT AND LANDSCAPE PLAN**

date MARCH 28, 2025 job no. **3024**  
 scale As Indicated  
 drawn ML drawing no.  
 approved JL  
 plot date 2025-03-24 5:26:21 PM **L1**

1. DO NOT SCALE FROM THIS DRAWING.  
 2. CONTRACTOR TO VERIFY ALL DIMENSIONS AND NOTIFY THE ARCHITECT OF ANY DISCREPANCIES BEFORE WORK COMMENCES.  
 3. THIS DRAWING TO BE READ IN CONJUNCTION WITH THE FOLLOWING DRAWINGS: STRUCTURAL, MECHANICAL, ELECTRICAL.

1 L1 TREE CONSERVATION REPORT & LANDSCAPE PLAN SCALE: 1:500