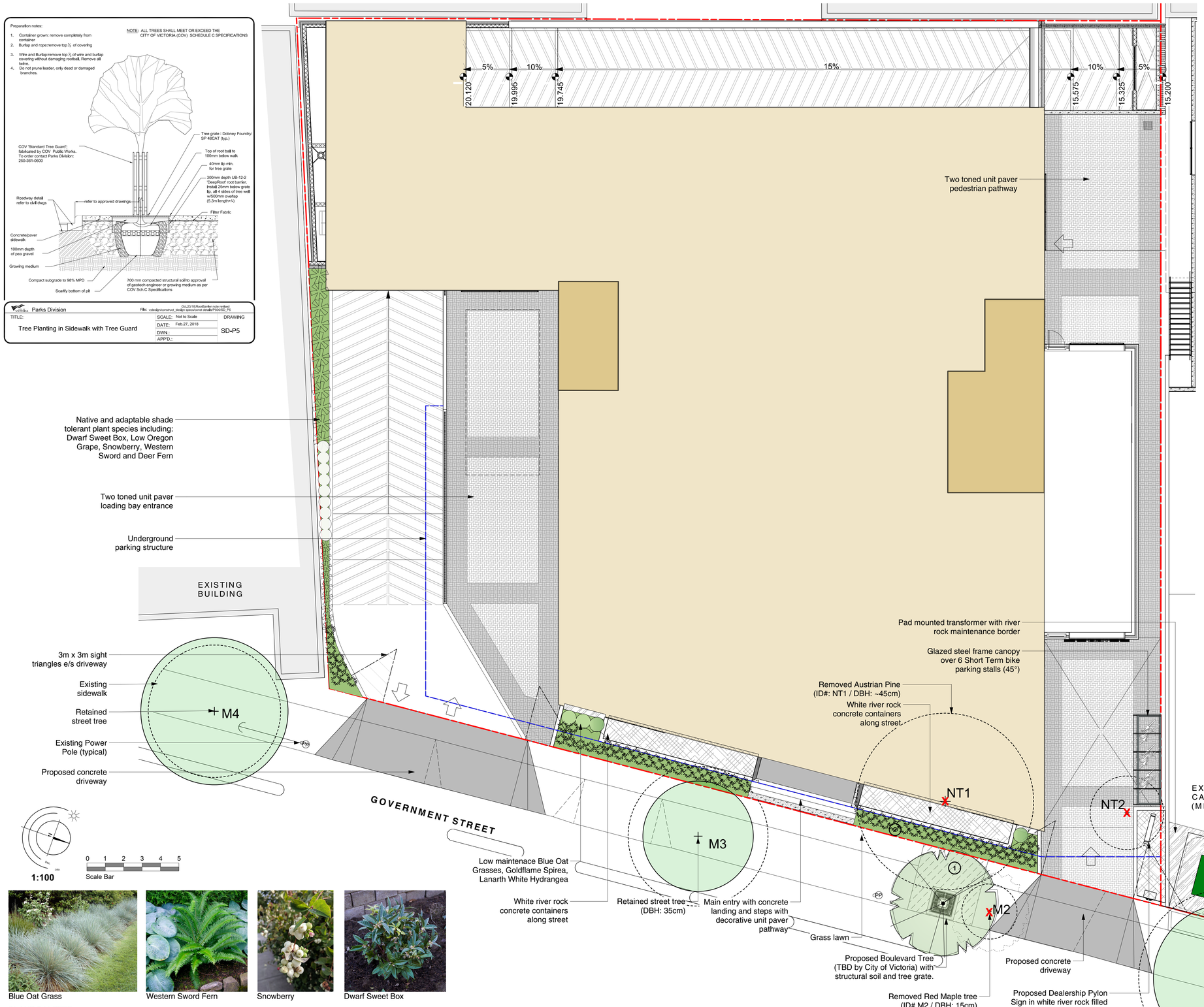

Blue Oat Grass

Western Sword Fern

Snowberry

Dwarf Sweet Box

PLANT PALETTE

Landscape Concept Plan - 2512 Government Street

Recommended Nursery Stock

Trees

Total: 1	Botanical Name	Common Name	Size
	Proposed Boulevard Tree	TBD	6cm cal.

Medium Shrubs

Total: 4	Botanical Name	Common Name	Size
	Hydrangea macrophylla 'Lanarth White'	Lanarth White Hydrangea	#5 pot

Small Shrubs

Total: 11	Botanical Name	Common Name	Size
	Sarococca hookeriana var. humilis	Dwarf Sweet Box	#2 pot
	Spiraea 'Goldflame'	Goldflame Spirea	#2 pot

Perennials, Annuals and Ferns

Total: 107	Botanical Name	Common Name	Size
	Blechnum spicant	Deer Fern	#1 pot
	Helictotrichon sempervirens	Blue Oat Grass	#1 pot
	Polystichum munitum	Sword Fern	#1 pot

Notes:
1. All work to be completed to current CSLA Landscape Standard.
2. All soft landscape to be irrigated with an automatic irrigation system.
3. Municipal trees to be procured & planted by the applicant.
4. The proposed Boulevard Trees must comply to City of Victoria Supplementary Specifications for Street Trees and Irrigation Schedule C, Bylaw 12-042, Subdivision Bylaw and the current version of the Canadian Landscape Standard. Planting details can be found in Schedule B3-4. The following tree inspections by Parks Staff are required by Schedule C. To schedule an inspection please contact Rob Hughes, rhughes@victoria.ca and also copy treepermits@victoria.ca 48 hours prior to the required inspection time.
5. Tree Planting Inspections:
- **Excavated tree pits, soil cells, root barriers**
- **Trees prior to planting. Parks staff can inspect trees prior to shipping at local nurseries. Photos can be provided from up-island and mainland nurseries. Tree must meet the spec upon delivery.**
- **Completed planting tree planting, grate/guard, stakes etc.**

SOIL VOLUME TABLE

				Replacement Trees Proposed			Soil Volume Required (m3)			
Planting Area ID	Area (M2)	Soil Volume multiplier*	A Estimated soil Volume	B # Small	C # Medium	D # Large	E Small	F Medium	G Large	Total **
Onsite										
1	13.2	1.0	13.2							
2	11.0	1.0	11.0		1			20m3		24.2m3
Offsite (Excluding City Property)										
Planting Area OSA X										
Offsite (Excluding City Property)							E	F	G	TOTAL
						Calculation	If B = 1, B x 8 If B > 1, B x 6	If C = 1, C x 2 If C > 1, C x 1	If D = 1, D x 3 If D > 1, D x 3	E + F + G

* On ground (excluding exposed bedrock): use 1, On structure: use depth of soil, On soil cells: use 0.92, On structural soil: use 0.2
** Total must not exceed A. If Total exceeds A, then the number or size of proposed replacement trees must be reduced.

ARBORIST INVENTORY TABLE

Tag #	Surveyed (Yes/No)	Location (On, Off, Shared,	Bylaw protected	Name Common	Botanical	DBH (cm)	Crown radius (m)	Critical root zone radius	Condition Health	Structural	Relative tolerance	General field observations/remarks	Tree retention/location comments	Retention status
M1	Y	M	M	Red Maple	Acer rubrum	48	4	4.8	Fair	Fair to good	Good	Likely rooted in tree well, utility line through canopy, included bark at various unions		Retain
M2	Y	M	M	Red Maple	Acer rubrum	15	1	1.5	Fair	Fair to good	Good	Likely rooted in tree well, utility line through canopy, included bark at various unions		Retain
M3	Y	M	M	Red Maple	Acer rubrum	38	3	3.8	Fair	Fair to good	Good	Likely rooted in tree well, utility line through canopy, included bark at various unions		Retain
M4	Y	M	M	Red Maple	Acer rubrum	36	4	3.6	Fair	Fair	Good	Likely rooted in tree well, utility line through canopy, included bark at various unions, wound on lower trunk with some response growth		Retain
NT1	Y	On	Y	Austrian Pine	Pinus nigra	~45	3	4.5	Fair to good	Fair to poor	Good	Included bark at lower union, codominant leaders, corrected bend in lower trunk	Within building footprint	Remove
NT2	Y	On	N	Juniper	Juniperus sp.	~20	1	2	Fair to good	Fair to good	Good	Wandering stem, small deadwood	Within building footprint	Remove

Prepared By:
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TREE PRESERVATION SUMMARY

	Count	Multiplier	Total
ONSITE Minimum replacement tree requirement			
A. Protected Trees Removed	1	X 1	A. 1
B. Replacement Trees Proposed per Schedule "E", Part 1	0	X 1	B. *0
C. Replacement Trees Proposed per Schedule "E", Part 2	*0	X 0.5	C. *0
D. Replacement Trees Proposed per Schedule "E", Part 3	*0	X1	D. *0
E. Total replacement trees proposed (B+C+D) *Round down to nearest whole number*			E. *0
F. Onsite replacement tree deficit (A-E) *Record 0 if negative number*			F. 1
ONSITE Minimum trees per lot requirement (onsite trees)			
G. Tree minimum on lot			G. *10
H. Protected trees retained (other than specimen trees)	0	X 1	H. 0
I. Specimen trees retained	0	X 3	I. 0
J. Trees per lot deficit (G - (B+C+H+I) *Record 0 if negative number*			J. 10
OFFSITE Minimum replacement tree requirement (offsite trees)			
K. Protected trees Removed	1	X 1	K. 1
L. Replacement trees proposed per Schedule "E", Part 1 or Part 3	1	X 1	L. 1
M. Replacement trees proposed from Schedule "E", Part 2	0	X 0.5	M. 0
N. Total replacement trees proposed (L+ M) *Round down to nearest whole number*			N. 1
O. Offsite replacement tree deficit (K - N) *Record 0 if negative number*			O. 0
Cash-in-lieu requirement			
P. Onsite trees proposed for cash-in-lieu Enter F. or J., *whichever is the greater number*			P. 10
Q. Offsite trees proposed for cash-in-lieu Enter 0.			Q. 0
R. Cash-in-lieu proposed ((P+Q) X $2,000)			R. $20,000.00

Existing Tree Legend:

Retained Tree
- Crown Spread
- Tree Tag #. See Tree Inventory for assessment.
- Protected Root Zone

Removed Tree
- Protected Root Zone
- Tree Tag #. See Tree Inventory for assessment.

Revision B: May 12, 2023
Revision A: May 2, 2023

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Project No: 2031 **27 January 2023**