

L1-02

Native Seed Mix Information

Refer to seed mix guidelines within the EIS Report prepared by Palmer Environmental for more information.

Application Rates:
The specified seed mix(es) should be applied at a rate of 22-25 kg/ha.

Cover Crop:
COMMON OATS (Avena sativa) NURSE CROP
• A cover crop should be utilized with each of the seed mixes. The cover crop will act as a nurse crop, provide short term erosion control and weed control.
• The cover crop should be applied at a rate of 25 kg/ha.

Installations Notes:
• Ideally, sowing should take place in the fall, between Oct 15th to late November. An early spring sowing will work but not as effectively. If moisture is not present, some of the seed may go dormant and not germinate until the following spring. Whenever possible, work up the soil a little to ensure good seed-to-soil contact for improved germination. Call OSC Ltd for more information: 519-886-0557.

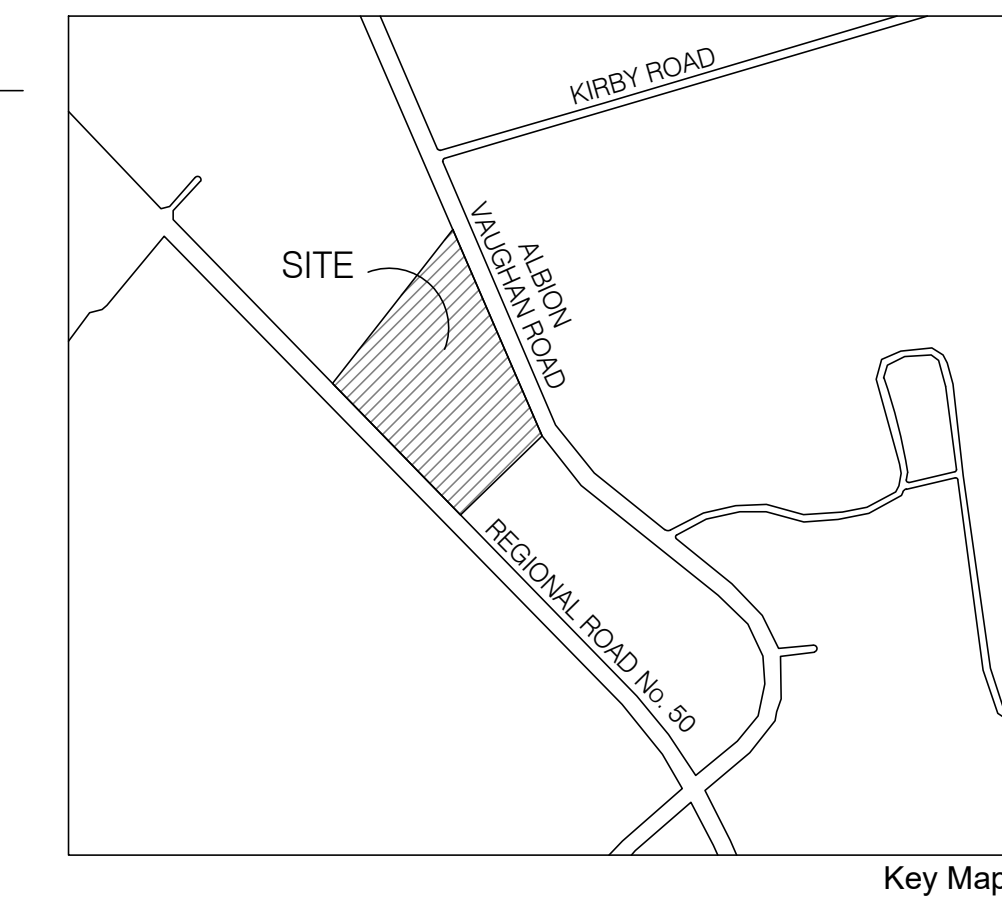
General Notes:
• All disturbed areas should be seeded as soon as possible following the completion of works. Erosion controls must remain in place until seeding has sufficiently stabilized the site (i.e. more than 80% cover).
• Seeding should not be executed during the drought-prone season (i.e. June through August), unless adequate irrigation can be supplied.
• Survey site for invasive species & remove. Clean away surface debris. This increases sunlight penetration to the soil surface and eases sowing. Lightly cultivate soil to accept seed and improve aeration & water retention.
• Make sure the soil and seed are in close contact by gently tamping or rolling the seedbed. Do not compact. Excessive force will destroy soil structure and inhibit germination.

Material Schedule

	PAVER TYPE 1 Type: Nueva 60 by (OAKS) Size: 8x16 Rec. Colour: Cloudburst Pattern: Running Bond
	PAVER TYPE 2 - Vehicular Type: Nueva 80 by (OAKS) Size: 8x16 Rec. Colour: Cloudburst Pattern: Running Bond
	PAVER TYPE 3 Type: Riatio 60 (by OAKS) Size: 8x16, 16x16, 16x24 Colour: Champagne Pattern: Random w/ soldier Course

Legend

	Existing Tree to Remain		Proposed Deciduous Tree
	Tree Protection Fence		Proposed Coniferous Tree
	Property Line		Prop. Shrub/Perennial
	10m Setback from Proposed Floodline		Prop. Sodded Area Typ.
	Proposed Floodline		Prop. Concrete Paving Typ.
	Channel Re-Alignment		Prop. Unit Paving
	Prop. Ornamental Metal Fence Typ.		Naturalization Seed Mix
	Prop. Chainlink Fence Typ.		Proposed Planting Area
	Ex. Chainlink Fence		Proposed Bike Ring
	Ex. Acoustic Fence		Proposed Bench
	Extent of U/G Parking		
	Building Canopy Above		
	Proposed Light Bollard		
	Proposed Light Standard Refer to Lighting Plan by Others		



Watering Note

- The contractor shall be fully responsible to ensure that adequate water is provided to all plants from the point of installation until the date of acceptance. The contractor shall adjust the automatic irrigation system, if available, and shall apply additional water, using hoses as required (refer to the site plan and mechanical plans for watering connections and hose bibs).
- During the initial establishment period, and particularly immediately after installation do not rely on the irrigation system to water the plants. Plants will uptake water only within the root ball and a short distance outside the ball. It is possible to over water the soil while under watering the root ball with the irrigation system.
- Hand water root balls of all plants and the soil immediately around the root ball to assure that the root balls have adequate moisture. Test the moisture content in each root ball to determine the water content. Maintain root ball moisture and soil beyond the root ball moisture between 10 and 20% as measured using a general digital moisture meter. Do not over water the soil around the plants. Use "tree gator bags" to assist in watering trees.

Proposed Plant Material List

KEY	QNTY	BOTANICAL NAME	COMMON NAME	HT/CAL	SPREAD	ROOT	DROUGHT TOLERANT	NATIVE	REMARKS
DECIDUOUS TREES									
AGI	2	Acer ginnala	Amur Maple (Clump)	60 mm		B.&B.	High	No	Tree Form Multi Stem
ASC	12	Acer saccharum	Sugar Maple	70 mm		B.&B.	High	Yes	Full Form
AXF	2	Acer x freemanii 'Jeffersred'	Jeffersred Freeman Maple	70 mm		B.&B.	High	Hybrid	Full Form
CAD	6	Carya ovata	Shagbark Hickory	70 mm		B.&B.	High	Yes	Full Form
CBE	1	Carpinus betulus 'Fastigiata'	Pyramidal European Hornbeam	70 mm		B.&B.	High	Yes	Full Form
FSY	6	Fagus sylvatica 'Fastigiata'	Columnar Beech	70 mm		B.&B.	High	Yes	Full Form
GSK	12	Gleditsia triacanthos 'Skyline'	Skyline Honey-Locust	70 mm		B.&B.	High	Yes	Full Form
GSS	1	Gleditsia triacanthos var. inermis 'Droves'	Street Keeper Honey-Locust (Clump)	60 mm		B.&B.	High	Cultivar	Tree Form Multi Stem
QRB	6	Quercus rubra	Red Oak	70 mm		B.&B.	Med.	Yes	Full Form
TAR	8	Tilia Americana 'Redmond'	Redmond Basswood	70 mm		B.&B.	High	Yes	Full Form
CONIFEROUS TREES									
PSB	18	Pinus strobus	White Pine	200 cm		B.&B.	High	Yes	Full Form
SPECIMEN MULTISTEM DECIDUOUS SHRUBS									
ACB	8	Amelanchier canadensis 'Ballarina'	Ballarina Serviceberry	200 cm		B.&B.	High	Yes	Multi Stem
CAL	3	Cornus alternifolia	Pagoda Dogwood	150 cm		B.&B.	High	Yes	Multi Stem
CCA	2	Cercis canadensis	Eastern Red Bud	180 cm	pink/pur	B.&B.	High	Yes	Tree Form
CONIFEROUS SHRUBS									
TCF	70	Taxus x media 'Fairview'	Fairview Yew		65 cm	C.G.	Med.	No	Full Form
TMH	188	Taxus media 'Hilli'	Hilli's Yew		70 cm	C.G.	High	Yes	Full Form
DECIDUOUS SHRUBS									
CNR	130	Cornus racemosa	Gray Dogwood	80 cm		C.G.	High	Yes	Full Form
CNS	205	Cornus sericea 'Farrow'	Arctic Fire Dogwood	60 cm		C.G.	High	Yes	Full Form
HPB	87	Hydrangea paniculata 'Bombshell'	Dwarf Bombshell Hydrangea	60 cm		5 gal.	High	No	Full Form
POD	30	Physocarpus opulifolius 'Diablo'	Diablo Purpleleaf Ninebark	80 cm		C.G.	High	Yes	Full Form
RHG	181	Rhus aromatica 'Gro-Low'	'Gro-Low' Fragrant Sumac	60 cm		C.G.	High	Yes	Full Form
SIL	140	Spiraea japonica 'Little Princess'	Dwarf Red Spiraea	60 cm		C.G.	High	No	Full Form
SMP	123	Syringa meyeri 'Palbin'	Purple Dwarf Korean Lilac	60 cm		C.G.	High	No	Full Form
VTC	209	Viburnum trilobum 'Compactum'	Compact High Bush-Cranberry	70 cm		C.G.	High	Yes	Full Form
GRASSES									
AGN	115	Andropogon gerardii 'New Wave'	New Wave Big Bluestem			5 Gal.	High	Yes	Full Form
CAC	100	Calamagrostis acutiflora 'Karl Foerster'	Karl Foerster Feather Reed Grass			5 Gal.	High	No	Full Form
DEC	71	Deschampsia cespitosa	Tufted Hairgrass			2 Gal.	High	Yes	Full Form
PAL	67	Pennisetum alopecuroides 'Hameln'	Hameln Dwarf Fountain Grass			2 Gal.	High	No	Full Form
PERENNIALS									
GER	170	Geranium 'Rozanne'	Hardy Cranesbill Geranium			2 Gal.	High	Yes	Full Form
HSD	271	Heemerocallis 'Stella D'oro'	Stella D'oro (Yellow) Daylilies			2 Gal.	High	No	Full Form
HSE	10	Hosta sieboldiana elegans (Blue)	Elegans Large Blue Leaf Hosta			shade	C.G. #1	High	Large Leaf
PAT	97	Perovskia atriplicifolia	Russian Sage			2 Gal.	High	No	Full Form
PLS	51	Perovskia atriplicifolia 'Little Spire'	Little Spire Russian Sage			2 Gal.	High	No	Full Form
RUD	87	Rudbeckia fulgida var. sullivantii 'Goldsturm'	Black Eyed Susan			2 Gal.	High	Cultivar	Full Form

Proposed Plant Material List - Naturalization Area

KEY	QNTY	BOTANICAL NAME	COMMON NAME	HT/CAL	SPREAD	ROOT	DROUGHT TOLERANT	NATIVE	REMARKS
LIVE STAKES									
CAL	50	Cornus alternifolia	Pagoda Dogwood	100 cm		Live Stake	High	Yes	Full Form
CNS	40	Cornus sericea	Red Osier Dogwood	100 cm		Live Stake	High	Yes	Full Form
SCA	15	Sambucus canadensis	Elderberry	100 cm		Live Stake	High	Yes	Full Form
SAE	60	Salix exigua	Narrowleaf Willow	100 cm		Live Stake	High	Yes	Full Form
SAB	60	Salix bebbiana	Bebb's Willow	100 cm		Live Stake	High	Yes	Full Form
DEC. TREE - WHIPS									
ASU	50	Acer saccharum	Sugar Maple	120 cm		4 Gal.	High	Yes	Full Form
BPA	50	Betula papyrifera	Paper Birch	120 cm		4 Gal.	High	Yes	Full Form
CEH	45	Celtis occidentalis	Hockberry	120 cm		4 Gal.	High	Yes	Full Form
LLA	40	Larix laricina	Tamarack Larch	120 cm		4 Gal.	High	Yes	Full Form
PDC	50	Populus deltoides	Eastern Cottonwood	120 cm		4 Gal.	High	Yes	Full Form
ULM	45	Ulmus americana	Elm	120 cm		4 Gal.	High	Yes	Full Form
DEC. SHRUBS									
ALR	100	Alnus rugosa	Speckled Alder			2 Gal.	High	Yes	Full Form
CNS	100	Cornus sericea	Red Osier Dogwood			2 Gal.	High	Yes	Full Form
PRC	50	Prunus virginiana	Chokecherry			2 Gal.	High	Yes	Multi Stem
RHT	50	Rhus typhina	Staghorn Sumac			2 Gal.	High	Yes	Full Form



Seed Mix List

CVC 6 - Early Succession Wet Meadow Mix*

Common Name	Scientific Name	% of Mix
Bebb's Sedge	Carex bebbii	5%
Purple Stemmed Aster	Aster puniceus	1%
Fowl Bluegrass	Poa palustris	25%
Fox Sedge	Carex vulpinoidea	25%
Great Blue Lobelia	Lobelia siphilitica	1%
New England Aster	Aster novae-angliae	1%
Path Rush	Juncus tenuis	3%
Canada Goldenrod	Solidago canadensis	2%
Soft Rush	Juncus effusus	5%
Stalk-grain Sedge	Carex stipula	4%
Tall Manna Grass	Glyceria grandis	2%
Virginia Wild Rye	Elymus virginicus	25%
Wild Bergamot	Monarda fistulosa	1%

*Note: Developed by OSC (Ontario Seed Company)
**Mixture conforms to the TRCA Native Seed Mix Guidelines

L1-03

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Municipality:

THE CORPORATION OF THE TOWN OF CALEDON

SPA No.: SPA 2021-0004

Notes:
SNOW STORAGE: ADDITIONAL SNOW THAT CANNOT BE RETAINED ON SITE IS TO BE TRUCKED OFF-SITE

PLANT REFERENCE LIST NOTE:
ALL QUANTITIES IN THE LIST OF PLANT MATERIALS ARE TO BE CHECKED BY THE LANDSCAPE CONTRACTOR. ANY DISCREPANCIES ARE TO BE REPORTED TO THE LANDSCAPE ARCHITECT. THE QUANTITIES INDICATED ON THE DRAWINGS SUPERCEDDED THE TOTAL QUANTITIES

TOWN OF CALEDON
PLANNING
RECEIVED
May 1, 2023

06	Issued for Re-Submission	01/20/23
05	Issued for Coordination	12/08/22
04	Revised per Site Plan	11/18/22
03	Issued for Submission	12/22/20
02	Issued for Review	12/15/20
01	Issued for Review	11/19/20
No.	Revision	Date

North:

Stamp:

Project:
Proposed Landscape and Site Upgrades
12148 Albion Road
Caledon, Ontario

Scale: 1:400 Date: Nov. 2020

Drawn By: D.R. Checked By: L.M.

Drawing Title:

Landscape Master Plan

Project No. 20175 Sheet No. L1-01

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