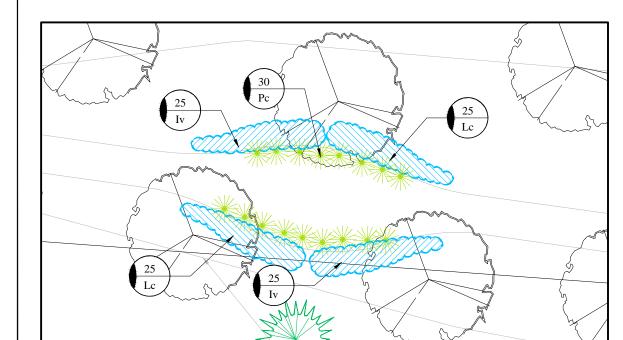


ACT	CODE	^ \ I/// \ /	CONDICONNAME	DOMESTICAL NAME	OLGE.	700016	CD A CD IC	DETENT	Nome
As		CODE QNTY COMMON NAME BOTANICAL NAME SIZE FORM SPACING DETAIL NOTES							NOTES
As 3 SUGAR MAPLE	NATIVE			,			·		,
Ash	Ar	8		Acer rubrum					
Bp 9 PAPER BIRCH	As	3	SUGAR MAPLE	Acer saccharum	80 cm	2 gal	9.0 m o/c	D-1	Full Form/ Fall prunning only
Colis occidentalis	Asn	5	SILVER MAPLE	Acer saccharinum	80 cm	2 gal	9.0 m o/c	D-1	Full Form/ Fall prunning only
Qa 5 WHITE OAK Quercus alba 80 cm 2 gal 15.0 m o/c D-1 Spring planting/ Soil pH<7.5 Qr 7 RED OAK Quercus rubra 80 cm 2 gal 9.0 m o/c D-1 Spring planting/ Soil pH<7.5	Bp	9	PAPER BIRCH	Betula papyrifera	60 cm	2 gal	9.0 m o/c	D-1	Clump form
Qr 2 RED OAK Quercus rubra 60 mm W.B. 9.0 m o/c D-1 Spring planting/Soil pH<7.5 Qr 7 RED OAK Quercus rubra 80 cm 2 gal 9.0 m o/c D-1 Spring planting/Soil pH<7.5 Ab 12 BALSAM FIR Abies balsamea 40 cm 2 gal 6m o/c D-2 Full form / Do not cut leader Pg 10 WHITE SPRUCE Pice a glauca 60 cm 2 gal 5m o/c D-2 Full form / Do not cut leader Ps 10 EASTERN WHITE PINE Pinus strobus 60 cm 2 gal 1.0 m o/c D-2 Full form / Do not cut leader To 6 EASTERN WHITE CEDAR Thuja occidentulis 80 cm 2 gal 1.0 m o/c D-2 Full form / Do not cut leader NATIVE SHRUBS SERVICE BERRY Amelanchier alnifolia pot 2 gal 1.8 m o/c D-3 Full form / Do not cut leader NATIVE SHRUBS SERVICE BERRY Amelanchier alnifolia pot 2 gal 1.8 m o/c D-3 Full form /	Co	5	COMMON HACKBERRY	Celtis occidentalis	60 cm	2 gal	9.0 m o/c	D-1	Full Form
Quercus rubra	Qa	5	WHITE OAK	Quercus alba	80 cm	2 gal	15.0 m o/c	D-1	Spring planting/ Soil pH<7.5
NATIVE CONIFEROUS TREES	Qr*	2	RED OAK	Quercus rubra	60 mm	W.B.	9.0 m o/c	D-1	Spring planting/ Soil pH<7.5
Ab 12 BALSAM FIR	Qr	7	RED OAK	Quercus rubra	80 cm	2 gal	9.0 m o/c	D-1	Spring planting/ Soil pH<7.5
Pg 10 WHITE SPRUCE Pice a glauca 60 cm 2 gal 5m o'c D-2 Full form / Do not cut leader Ps 10 EASTERN WHITE PINE Pinus strobus 60 cm 2 gal 1m o'c D-2 Full form / Do not cut leader NATIVE SHRUBS Aar 15 SERVICE-BERRY Amelanchier alnifolia pot 2 gal 1.8m o'c D-3 Full form / Container grown Csto 15 SERVICE-BERRY Amelanchier alnifolia pot 2 gal 1.8m o'c D-3 Full form / Container grown Dio 46 BUSH HONEYSUCKLE Dienvilla lonicera pot 2 gal 1.0m o'c D-3 Full form / Container grown Ive 30 WINTERBERRY Ilex verticillata pot 2 gal 1.0m o'c D-3 Full form / Container grown Pff 15 COMMON CINQUEFOIL Potentilla fruicosa ssp. floribunda pot 2 gal 1.0m o'c D-3 Full form / Container grown Pvi 15 COMMON CINQUEFOIL Potenti	NATIVI	E CON	IFEROUS TREES						
PS 10 EASTERN WHITE PINE Pinus strobus 60 cm 2 gal 6m o'c D-2 Full form / Do not cut leader To 6 EASTERN WHITE CEDAR Thuja occidentalis 80 cm 2 gal 1.0 m o'c D-2 Full form / Do not cut leader NATIVE SHRUBS Aar 15 SERVICE-BERRY Amelanchier alnifolia pot 2 gal 1.8m o'c D-3 Full form / Container grown Csto 15 RED OSIER DOGWOOD Cornus stolonifera pot 2 gal 1.0m o'c D-3 Full form / Container grown Dlo 46 BUSH HONEYSUCKLE Diervilla lomicera pot 2 gal 1.0m o'c D-3 Full form / Container grown Pv 30 WINTERBERRY Ilex vericillate pot 2 gal 1.0m o'c D-3 Full form / Container grown Pff 15 COMMON CINQUEFOIL Potentilla fruicosa ssp. floribunda pot 2 gal 1.0m o'c D-3 Full form / Container grown Pp0 15 COMMON NINEBARK Phsucocarpus oputifo	Ab	12	BALSAM FIR	Abies balsamea	40 cm	2 gal	6m o/c	D-2	Full form / Do not cut leader
To 6 EASTERN WHITE CEDAR Thuja occidentalis 80 cm 2 gal 1.0 mo/c D-2 Full form / Do not cut leader	Pg	10	WHITE SPRUCE	Picea glauca	60 cm	2 gal	5m o/c	D-2	Full form / Do not cut leader
NATIVE SHRUBS	Ps	10	EASTERN WHITE PINE	Pinus strobus	60 cm	2 gal	6m o/c	D-2	Full form / Do not cut leader
Aar 15 SERVICE-BERRY Amelanchier alnifolia pot 2 gal 1.8m o/c D-3 Full form / Container grown	То	6	EASTERN WHITE CEDAR	Thuja occidentalis	80 cm	2 gal	1.0 m o/c	D-2	Full form / Do not cut leader
Csto 15	NATIV	E SHR	RUBS						
Dio 46 BUSH HONEYSUCKLE Diervilla lonicera pot 2 gal 1.0m o/c D-3 Full form / Container grown	Aar	15	SERVICE-BERRY	Amelanchier alnifolia	pot	2 gal	1.8m o/c	D-3	Full form / Container grown
Ive 30 WINTERBERRY Ilex verticillata pot 2 gal 2.0m o/c D-3 Full form / Container grown	Csto	15	RED OSIER DOGWOOD	Cornus stolonifera	pot	2 gal	2.0m o/c	D-3	Full form / Container grown
Pff 15 COMMON CINQUEFOIL Potentilla fruticosa ssp. floribunda pot 2 gal 1.0 m o/c D-3 Full form / Container grown Pop 15 COMMON NINEBARK Physocarpus opulifolius pot 2 gal 1.8 m o/c D-3 Full form / Container grown Pvi 15 COMMON CHOKECHERRY Prumus virginiana ssp. virginiana pot 2 gal 6.0 m o/c D-3 Full form / Container grown Prumus virginiana ssp. virginiana pot 2 gal 2.0 m o/c D-3 Full form / Container grown Ram 15 WILD BLACK CURRANT Ribes americanum pot 2 gal 2.0 m o/c D-3 Full form / Container grown Pot 2 gal 2.0 m o/c D-3 Full form / Container grown Pot 2 gal 2.0 m o/c D-3 Full form / Container grown Pot 2 gal 2.5 m o/c D-3 Full form / Container grown Pot 2 gal 2.5 m o/c D-3 Top-base slope Pot 2 gal 2.5 m o/c D-3 Full form / Container grown Pot 2 gal 2.5 m o/c D-3 Full form / Container	Dlo	46	BUSH HONEYSUCKLE	Diervilla lonicera	pot	2 gal	1.0m o/c	D-3	Full form / Container grown
Pop 15 COMMON NINEBARK Physocarpus opulifolius pot 2 gal 1.8m o/c D-3 Full form / Container grown Pvi 15 COMMON CHOKECHERRY Prunus virginiana ssp. virginiana pot 2 gal 6.0m o/c D-3 Full form / Container grown Ram 15 WILD BLACK CURRANT Ribes americanum pot 2 gal 2.0m o/c D-3 Full form / Container grown Rpal 50 SWAMP ROSE Rosa palustris pot 2 gal 1.0m o/c D-3 Full form / Container grown Rti 15 STAGHORN SUMAC Rhus typhina pot 2 gal 2.5m o/c D-3 Full form / Container grown Sal 35 MEADOWSWEET Spiraea alba pot 2 gal 1.2m o/c D-3 Full form / Container grown Sca 15 BUFFALOBERRY Shepherdia canadensis pot 2 gal 1.2m o/c D-3 Full form / Container grown Sdis 15 PUSSY WILLOW Salix discolor pot 2 gal 2.3m o/c D-3 Full form / Container grown Vie 15 NANNYBERRY Viburnum lentago pot 2 gal 1.5m o/c D-3 Full form / Container grown Viburnum lentago pot 2 gal 1.5m o/c D-3 Full form / Container grown Viburnum lentago pot 2 gal 1.5m o/c D-3 Full form / Container grown Viburnum lentago pot 2 gal 1.5m o/c D-3 Full form / Container grown Viburnum lentago pot 2 gal 1.5m o/c D-3 Full form / Container grown Viburnum lentago pot 2 gal 1.5m o/c D-3 Full form / Container grown Viburnum lentago pot 2 gal 2.5m o/c D-3 Full form / Container grown Viburnum trilobum pot 2 gal 2.5m o/c D-3 Full form / Container grown Viburnum trilobum Pot 2 gal 2.5m o/c D-3 Full form / Container grown Secondary Viburnum trilobum Pot 2 gal 2.5m o/c D-3 Full form / Container grown Viburnum trilobum Pot 2 gal 2.5m o/c D-3 Full form / Container grown Secondary Viburnum trilobum Pot 2 gal 2.5m o/c D-3 Full form / Container grown Secondary Viburnum trilobum Pot 2 gal 2.5m o/c D-3 Full form / Container grown Secondary Viburnum trilobum Pot 2 gal 2.5m o/c D-3 Full form / Container grown Secondary Viburnum trilobum Pot 2 gal 2.5m o/c D-3 Full form / Container grown Secondary Viburnum trilobum Pot 2 gal 2.5m o/c D-3 Full form / Container grown Secondary Viburnum trilobum Pot 2 gal 2.5m o/c D-3 Full form / Container grown Secondary Viburnum trilobum Pot 2 gal 2.5m o/c D-3 Full	Ive	30	WINTERBERRY	Ilex verticillata	pot	2 gal	2.0m o/c	D-3	Full form / Container grown
Pvi15COMMON CHOKECHERRYPrunus virginiana ssp. virginianapot2 gal6.0m o/cD-3Full form / Container grownRam15WILD BLACK CURRANTRibes americanumpot2 gal2.0m o/cD-3Full form / Container grownRpal50SWAMP ROSERosa palustrispot2 gal1.0m o/cD-3Full form / Container grownRti15STAGHORN SUMACRhus typhinapot2 gal2.5m o/cD-3Top-base slopeSal35MEADOWSWEETSpiraea albapot2 gal1.2m o/cD-3Full form / Container grownSca15BUFFALOBERRYShepherdia canadensispot2 gal2.3m o/cD-3Full form / Container grownSdis15PUSSY WILLOWSalix discolorpot2 gal2.0m o/cD-3Mid-base slopeTca80CANADIAN YEWTaxus canadensispot2 gal1.0m o/cD-3Full form / Container grownVle15NANNYBERRYViburnum lentagopot2 gal1.5m o/cD-3Full form / Container grownVtri15HIGH BUSH CRANBERRYViburnum trilobumpot2 gal2.5m o/cD-3Full form / Container grownAQUATIC PLANTSIv100WILD BLUE FLAG IRISIris versicolor10cmplugn/am/aShorelineLc100CARDINAL FLOWERLobelia canadensis10cmplugn/am/aShoreline<	Pff	15	COMMON CINQUEFOIL	Potentilla fruticosa ssp. floribunda	pot	2 gal	1.0 m o/c	D-3	Full form / Container grown
Ram 15 WILD BLACK CURRANT Ribes americanum pot 2 gal 2.0m o/c D-3 Full form / Container grown Rpal 50 SWAMP ROSE Rosa palustris pot 2 gal 1.0m o/c D-3 Full form / Container grown Rti 15 STAGHORN SUMAC Rhus typhina pot 2 gal 2.5m o/c D-3 Top-base slope Sal 35 MEADOWSWEET Spiraea alba pot 2 gal 1.2m o/c D-3 Full form / Container grown Sca 15 BUFFALOBERRY Shepherdia canadensis pot 2 gal 2.3m o/c D-3 Full form / Container grown Sdis 15 PUSSY WILLOW Salix discolor pot 2 gal 2.0m o/c D-3 Mid-base slope Tca 80 CANADIAN YEW Taxus canadensis pot 2 gal 1.0m o/c D-3 Full form / Container grown Vie 15 NANNYBERRY Viburnum lentago pot 2 gal 1.5m o/c D-3 Full form / Container grown Viri 15 HIGH BUSH CRANBERRY Viburnum trilobum pot 2 gal 1.5m o/c D-3 Full form / Container grown AQUATIC PLANTS IV 100 WILD BLUE FLAG IRIS Iris versicolor 10cm plug n/a m/a Shoreline Lc 100 CARDINAL FLOWER Lobelia canadensis 10cm plug n/a m/a Shoreline	Pop	15	COMMON NINEBARK	Physocarpus opulifolius	pot	2 gal	1.8m o/c	D-3	Full form / Container grown
Rpal 50 SWAMP ROSE Rosa palustris pot 2 gal 1.0m o/c D-3 Full form / Container grown	Pvi	15	COMMON CHOKECHERRY	Prunus virginiana ssp. virginiana	pot	2 gal	6.0m o/c	D-3	Full form / Container grown
Rti15STAGHORN SUMACRhus typhinapot2 gal2.5m o/cD-3Top-base slopeSal35MEADOWSWEETSpiraea albapot2 gal1.2m o/cD-3Full form / Container grownSca15BUFFALOBERRYShepherdia canadensispot2 gal2.3m o/cD-3Full form / Container grownSdis15PUSSY WILLOWSalix discolorpot2 gal2.0m o/cD-3Mid-base slopeTca80CANADIAN YEWTaxus canadensispot2 gal1.0m o/cD-3Full form / Container grownVle15NANNYBERRYViburnum lentagopot2 gal1.5m o/cD-3Full form / Container grownVtri15HIGH BUSH CRANBERRYViburnum trilobumpot2 gal2.5m o/cD-3Full form / Container grownAQUATIC PLANTSIv100WILD BLUE FLAG IRISIris versicolor10cmplugn/am/aShorelineLc100CARDINAL FLOWERLobelia canadensis10cmplugn/am/aShoreline	Ram	15	WILD BLACK CURRANT	Ribes americanum	pot	2 gal	2.0m o/c	D-3	Full form / Container grown
Sal 35 MEADOWSWEET Spiraea alba pot 2 gal 1.2m o/c D-3 Full form / Container grown Sca 15 BUFFALOBERRY Shepherdia canadensis pot 2 gal 2.3m o/c D-3 Full form / Container grown Sdis 15 PUSSY WILLOW Salix discolor pot 2 gal 2.0m o/c D-3 Mid-base slope Tca 80 CANADIAN YEW Taxus canadensis pot 2 gal 1.0m o/c D-3 Full form / Container grown Vle 15 NANNYBERRY Viburnum lentago pot 2 gal 1.5m o/c D-3 Full form / Container grown Vtri 15 HIGH BUSH CRANBERRY Viburnum trilobum pot 2 gal 2.5m o/c D-3 Full form / Container grown AQUATIC PLANTS IV 100 WILD BLUE FLAG IRIS Iris versicolor 10cm plug n/a m/a Shoreline Lc 100 CARDINAL FLOWER Lobelia canadensis 10cm plug n/a m/a Shoreline	Rpal	50	SWAMP ROSE	Rosa palustris	pot	2 gal	1.0m o/c	D-3	Full form / Container grown
Sca15BUFFALOBERRYShepherdia canadensispot2 gal2.3m o/cD-3Full form / Container grownSdis15PUSSY WILLOWSalix discolorpot2 gal2.0m o/cD-3Mid-base slopeTca80CANADIAN YEWTaxus canadensispot2 gal1.0m o/cD-3Full form / Container grownVle15NANNYBERRYViburnum lentagopot2 gal1.5m o/cD-3Full form / Container grownVtri15HIGH BUSH CRANBERRYViburnum trilobumpot2 gal2.5m o/cD-3Full form / Container grownAQUATIC PLANTSIv100WILD BLUE FLAG IRISIris versicolor10cmplugn/am/aShorelineLc100CARDINAL FLOWERLobelia canadensis10cmplugn/am/aShoreline	Rti	15	STAGHORN SUMAC	Rhus typhina	pot	2 gal	2.5m o/c	D-3	Top-base slope
Sdis15PUSSY WILLOWSalix discolorpot2 gal2.0m o/cD-3Mid-base slopeTca80CANADIAN YEWTaxus canadensispot2 gal1.0m o/cD-3Full form / Container grownVle15NANNYBERRYViburnum lentagopot2 gal1.5m o/cD-3Full form / Container grownVtri15HIGH BUSH CRANBERRYViburnum trilobumpot2 gal2.5m o/cD-3Full form / Container grownAQUATIC PLANTSIv100WILD BLUE FLAG IRISIris versicolor10cmplugn/am/aShorelineLc100CARDINAL FLOWERLobelia canadensis10cmplugn/am/aShoreline	Sal	35	MEADOWSWEET	Spiraea alba	pot	2 gal	1.2m o/c	D-3	Full form / Container grown
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Vle15NANNYBERRYViburnum lentagopot2 gal1.5m o/cD-3Full form / Container grownVtri15HIGH BUSH CRANBERRYViburnum trilobumpot2 gal2.5m o/cD-3Full form / Container grownAQUATIC PLANTSIv100WILD BLUE FLAG IRISIris versicolor10cmplugn/am/aShorelineLc100CARDINAL FLOWERLobelia canadensis10cmplugn/am/aShoreline	Sdis	15	PUSSY WILLOW	Salix discolor	pot	2 gal	2.0m o/c	D-3	Mid-base slope
Vtri15HIGH BUSH CRANBERRYViburnum trilobumpot2 gal2.5m o/cD-3Full form / Container grownAQUATIC PLANTSIv100WILD BLUE FLAG IRISIris versicolor10cmplugn/am/aShorelineLc100CARDINAL FLOWERLobelia canadensis10cmplugn/am/aShoreline	Tca	80	CANADIAN YEW	Taxus canadensis	pot	2 gal	1.0m o/c	D-3	Full form / Container grown
AQUATIC PLANTS Iv 100 WILD BLUE FLAG IRIS Iris versicolor 10cm plug n/a m/a Shoreline	Vle	15	NANNYBERRY	Viburnum lentago	pot	2 gal	1.5m o/c	D-3	Full form / Container grown
Iv100WILD BLUE FLAG IRISIris versicolor10cmplugn/am/aShorelineLc100CARDINAL FLOWERLobelia canadensis10cmplugn/am/aShoreline	Vtri	15	HIGH BUSH CRANBERRY	Viburnum trilobum	pot	2 gal	2.5m o/c	D-3	Full form / Container grown
Lc 100 CARDINAL FLOWER Lobelia canadensis 10cm plug n/a m/a Shoreline	AQUATIC PLANTS								
Lc 100 CARDINAL FLOWER Lobelia canadensis 10cm plug n/a m/a Shoreline	Iv	100	WILD BLUE FLAG IRIS	Iris versicolor	10cm	plug	n/a	m/a	Shoreline
	Lc								

Area # Trees # Shrubs Required/Proposed 1625 81

REFER TO PLANTING DETAILS ON LP-4



AQUATIC PLANTING DETAIL (typ.)

UPLAND PLANTING ZONE

NO-MOW ZONE (INCLUDING ACCESS ROAD) APPROXIMATELY 1359m² (+10%) (+/- MEASUREMENTS TO BE TAKEN ON SITE)

SIMCOE COUNTY NATIVE UPLAND MIXTURE

- 2% NEW ENGLAND ASTER (Aster novae-anglaie)
- 12% BLACK EYED SUSAN (Rudbeckia hirta) 20% SAND DROPSEED (Sporobolus crytandrus)
- 20% CANADA WILD RYE (Elymus candadensis)
- 4% CANADA GOLDEN ROD (Solidago canadensis)
- 5% COMMON MILKWEED (Asclepias syriaca) 1% WILD BERGAMONTE (Monarda Fistulosa)
- 1% SMOOTH BLUE ASTER (Aster laevis) 15% LITTLE BLUE STEM (Andropogon scoparius)
- 20% INDIANGRASS (Sorghastrum nutans)

SEEDING RATE - 30kg PER HECTARE SUPPLIED BY - OSC SEEDS 1-519-886-0557

ANNUAL RYE NURSE CROP TO BE APPLIED AT TIME OF NATIVE UPLAND PLANTING MIXTURE A A RATE OF 12kg PER HECTARE. REFER TO TERRASEEDING NOTES AND MULCH APPLICATION SPECIFICATIONS IN THIS BOX FOR FURTHER DETAILS.

TERRASEEDING APPLICATION SPECIFICATIONS

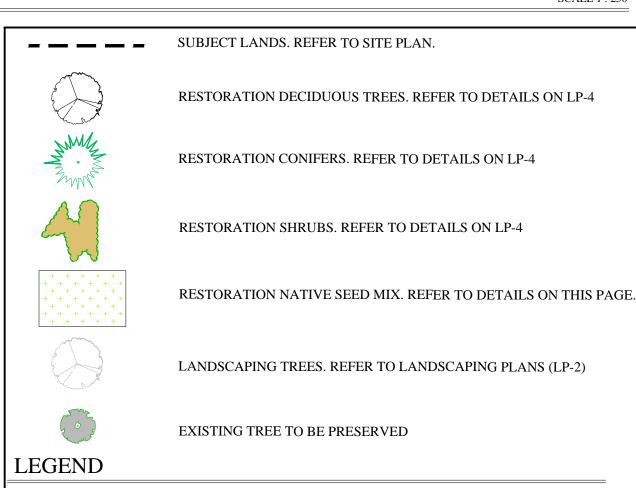
ECOBLANKET OR TERRASEEDING TACTIFIER / FLEXGUARD HYDROMULCH SHALL BE APPLIED AS PER MANUFACTURER SPECIFICATIONS. SEE NOTES ON THIS PAGE.

TOPSOIL SHALL BE PROVIDED TO A MINIMUM DEPTH OF 0.45m FOR TERRESTRIAL AREAS EXCEPT THE RIP RAP TOPSOIL QUALITY SHALL BE AS PER NOTES ON THIS PAGE. IT SHALL BE TESTED BY AN

INDEPENDENT LABORATORY PRIOR TO INSTALLATION.

NB - ALL DISTURBED AREAS TO BE TERRASEEDED

SEEDING AND TOP SOIL NOTES



1. VERIFY ALL EXISTING SITE CONDITIONS AND REPORT ANY DISCREPANCIES BEFORE COMMENCING WORK.

THE CONTRACTOR SHALL VERIFY THE LOCATION OF ALL UTILITIES AND IS RESPONSIBLE FOR ANY DAMAGE TO SERVICES, EXISTING VEGETATION OR ANY OTHER

3. FOR ALL AREAS OF DISTURBANCE: NATIVE TOPSOIL IS TO BE STRIPPED, STOCK PILED, LABORATORY TESTED AND REPLACED AS PER TOPSOIL REQUIREMENTS. PLANT MATERIAL REQUIREMENTS

PLANT MATERIAL LISTED IN THE PLANT SCHEDULE ARE MINIMUM SIZES +/- NURSERY GROWN AND UNIFORM SPECIMENS. NO SUBSTITUTIONS WILL BE PERMITTED WITHOUT WRITTEN APPROVAL FROM THE LANDSCAPE ARCHITECTS.

- DECIDUOUS TREES SHALL HAVE A STRAIGHT CENTRAL LEADER AND WELL BRANCHED 1.5M ABOVE GRADE UNLESS OTHERWISE STATED.
- 6. CONIFEROUS TREES SHALL HAVE A STRAIGHT CENTRAL LEADER AND DENSELY BRANCHED TO WITHIN 0.3m OF THE GROUND.
- ALL PLANTING MATERIAL AND OPERATIONS TO MEET OR EXCEED THE HORTICULTURAL STANDARDS OF THE CANADIAN NURSERY LANDSCAPE ASSOCIATION AND THE HORTICULTURAL TRADES ASSOCIATION. ALL PLANT MATERIAL TO BE NO.1 GRADE NURSERY STOCK. UNSATISFACTORY STOCK WILL BE REFUSED ON THE SITE.
- 8. SOD TO BE CANADA NO.1 NURSERY SOD, MEETING ONTARIO SOD GROWERS ASSOCIATION STANDARDS. ALL SOD AREAS TO RECEIVE 200MM DEPTH OF TOPSOIL UNLESS OTHERWISE INDICATED.

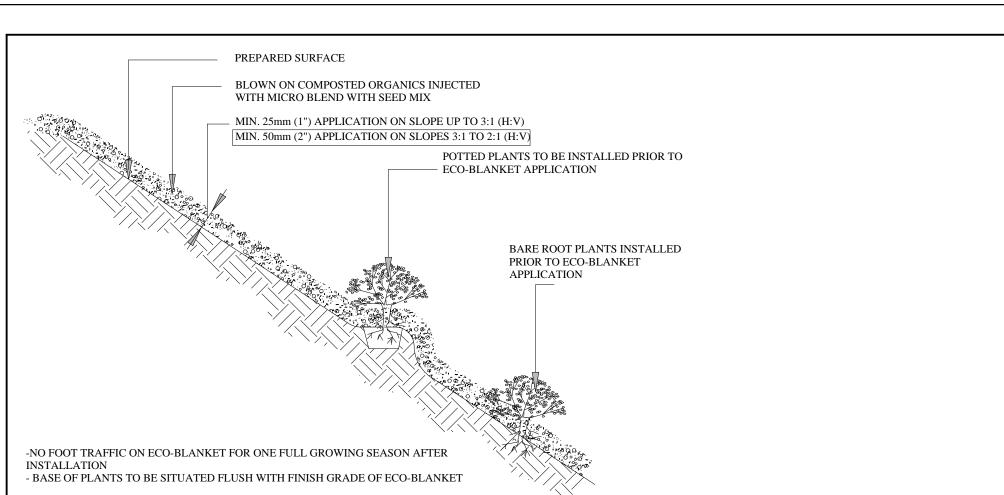
PLANTING NOTES

- 9. LOCATIONS FOR PLANT MATERIAL AND PLANTING BEDS ARE TO BE MARKED OR STAKED OUT BY THE CONTRACTOR AND APPROVED BY THE LANDSCAPE ARCHITECT AND MUNICIPAL STAFF PRIOR TO INSTALLATION.
- 10. ALL PLANT MATERIAL WHICH ARE SPECIFIED BY O.C. (ON CENTER SPACING) ARE TO BE PLANTED AS NOTED IN THE PLANT SCHEDULE.
- 11. IN THE EVENT OF A DISCREPANCY BETWEEN THE PLANT LIST AND DRAWING, THE DRAWING WILL BE ASSUMED TO BE CORRECT.
- 12. ALL MASS PLANTINGS OF SHRUBS SHALL BE IN CONTINUOUS BEDS AND MULCHED AS SPECIFIED.
- ALL TREE PITS SHALL INCLUDE TREATMENT WITH MICORRHIZAL FUNGI OF THE WALLS BEFORE PLANTING (2L OF "MIKE" OR SIMILAR PRODUCT SHALL BE USED FOR
- 14. ALL TREES ARE TO BE STAKED OR GUY WIRED ACCORDING TO DETAILS PROVIDED. NO ACCESSIBLE OPEN HOLE TREE PITS SHALL BE PERMITTED OVERNIGHT.
- 15. REMOVE BURLAP AND ROPE FROM THE TOP 1/3 OF ROOT BALLS.
- 16. WATER AT TIME OF PLANTING AND WHENEVER DEEMED NECESSARY TO MAINTAIN THE TREES IN A HEALTHY CONDITION.
- SIMILAR MATERIALS TO PREVENT DRYING OUT AND SHALL BE KEPT MOIST UNTIL COMMENCEMENT OF PLANTING.

ALL PLANT MATERIALS WHICH CAN NOT BE PLANTED IMMEDIATELY UPON ARRIVAL ON SITE SHALL BE PROPERLY HEELED IN OR WELL PROTECTED WITH SOIL OR

- 18. NO ACCESSIBLE OPEN HOLE TREE PITS SHALL BE PERMITTED OVERNIGHT. ALL OPEN PITS SHALL BE ADEQUATELY PROTECTED BY INNISFILRS OR FILLED IN WITH SOIL PRIOR TO THE END OF EACH PLANTING DAY.
- 19. ALL NEW WORK TO BLEND NEATLY AND SMOOTHLY WITH EXISTING CONDITIONS.

PLANTING NOTES



This work shall consist of furnishing, constructing and maintaining an EcoBlanket (to Rexius specifications. EcoBlanket is a ground cover (surface blanket) of the Rexius specified compost/mulch (Erosion Blend) combined with a special additive (Microblend) constructed with a pneumatic blower to control and reduce soil erosion. An EcoBlanket stabilizes the soil, prevents splash, sheet and rill erosion, and removes suspended soil particles and contaminants from water moving off the site and into adjacent waterways or storm water conveyance systems. 1.1. This EcoBlanket must be applied by Landsource Organix Ltd., 100 Britannia Road East, Hornby, Ontario L0P 1E0, tollfree 1 877 548 8558 (toll free fax 1 877 548 8559) or equivalent certified EcoBlanket installer. 1.2. Materials must be applied using a pneumatic blower unit complete with a supplemental granular injection system capable of installing at least 15 cubic meters per hour. 1.3. Contractor must have at least 3 years of proven experience in successfully installing EcoBlanketsTM.

The EcoBlanket filtering material consists of the Rexius Erosion Blend of compost and mulch materials, according to the Rexius particle sizing specifications, in combination with the Rexius Microblend additive. 2.1. Particle size must meet exact specifications of the Rexius EcoBlanket Erosion Blend material supplied by a certified supplier/installer.

2.2. The compost portion of EcoBlanket shall be derived from well-decomposed organic matter source produced by controlled aerobic (biological) decomposition that has been sanitized through the generation of heat and stabilized to the point that it is appropriate for this particular application. Compost material shall be processed through proper thermophilic composting, meeting the Canadian Council of Ministers of the Environment's (CCME) definition for a 'process to further reduce pathogens' (PFRP). The compost portion shall meet the chemical, physical and biological properties (as outlined in the chart on reverse). These and all other required properties for the performance of the EcoBlanket are included in the Rexius EcoBlanket Manufacture Guidelines followed by certified suppliers/installers.

2.3. Rexius Microblend additive shall be injected into Erosion Blend material at time of EcoBlanket construction. 2.4. A proof of certification as an EcoBlanket supplier shall be submitted to the Landscape Architect for approval prior to installation. Test results for EcoBlanket performance shall be made available upon request. 2.5. Where seeding or planting is planned, Erosion Blend material must meet Rexius' minimum specification requirements for seeding purposes.

3.1. The EcoBlanket shall be placed as shown on the plans or as directed by the Landscape Architect. 3.2. On areas with slopes 3:1 to 2:1 (H:V) the EcoBlanket shall be uniformly applied directly at the soil surface with a pneumatic blower as specified by Rexius. EcoBlanket shall be applied at a depth of 50 mm minimum and approximately 90 cm over the top of the slope, or overlap it into existing vegetation. On areas with slopes up to 3:1(H:V) the EcoBlanket shall be applied at a depth of 25mm minimum. In extreme conditions and where specified by the Engineer/Landscape Architect., EcoBerms shall be added and constructed at the top of the slope in parallel intervals down the profile of the slope (6 metres to 9 metres apart) if necessary. (The Engineer/Landscape Architect shall specify berm requirements)

3.3. Rexius Microblend shall be applied/injected at a minimum rate of 615 kgs. per hectare (or as specified by Rexius), to be confirmed by inspector/project manager.

3.4. EcoBlanket application depth may be modified based on specific site (e.g., soil characteristics, existing vegetation) and climatic conditions, as well as particular project related requirements. The severity of slope grade, as well as slope length will also influence the addition of EcoBerms and number of EcoBerm placements in combination with the EcoBlanket. 3.5. If temporary or long-term vegetation is required, Erosion Blend material may be injected with seed during application. The Engineer/Landscape Architect shall specify seed requirements and the compost/mulch component shall abide by the minimum standards set by Rexius for seeding.

3.6. Where vegetation is to be established, slightly roughen (scarify) slopes and remove large clods, rocks, stumps, roots larger than 50 mm in diameter and debris on slopes. This soil preparation step may be eliminated where approved by the Landscape Architect/Designer, or where seeding or planting is not planned. Where practical, track (compact) perpendicular to contours on the slope using a bulldozer before applying EcoBlanket injected with

3.7. Do not use EcoBlankets in areas of concentrated flow (ie. ditches, streams, etc.) 3.8. Unless otherwise allowed by Landscape Architect, seeding shall be performed within the local region's seeding deadlines.

The Contractor shall maintain the EcoBlanket in a functional condition at all times. Contractor shall make periodic inspections of the EcoBlanket for effectiveness and shall immediately correct all deficiencies. Where deficiencies exist, additional EcoBlanket material shall be installed immediately to required depth.

5.0 Method of Measurement:

EcoBlanket shall be measured by the square metre, complete in place.

5.1. Place EcoBlankets on denuded areas immediately or as directed by Landscape Architect. EcoBerms and/or temporary or permanent vegetation shall be applied/established when necessary, along with other appropriate structural measures and controls, for additional erosion and sediment control. 6.2. The work specified in this Section consists of designing, providing, and maintaining erosion and sedimentation controls as necessary. All existing and foreseeable future conditions that affect the work inside and outside the site limits must be acknowledged as the Contractor's responsibility. Contractor is responsible for providing effective sediment control measures based on performance. Contractor may, with approval from the Landscape Architect, work outside the minimum construction requirements

establish a working erosion control system. Parameters 1,4 Reported as (units of measure) EcoBlanket to be Vegetated EcoBlanket to be left Un-vegetated

PH2 pH units 5.0 - 8.5 N/A

Soluble Salt Concentration2 (electrical conductivity) ds/m (mmhos/cm) Maximum 5 N/A Stability3 Carbon Dioxide Evolution Rate mg CO2-C per g OM per day < 8 N/A Physical Contaminants (man-made inerts) % dry weight basis < 1 < 1

. Recommended test methodologies are provided in Test Methods for the Examination of Composting and Compost (SCC through BNQ)

2. Each specific plant species requires a specific pH range. Each plant also has a salinity tolerance rating, and maximum tolerable quantities are known. When specifying the establishment of any plant or turf species, it is important to understand their pH and soluble salt requirements, and how they relate to the compost in use.

3. Stability/Maturity rating is an area of compost science that is still evolving, and as such, other various test methodscould be considered. Also, never base compost quality conclusions on the result of a single stability/maturity 4. Landscape Architect may modify the allowable compost specification ranges based on specific field conditions and plant requirements.

ECOBLANKET SPECIFICATIONS AND DETAIL

DETAIL ADAPTED FROM LANDSOURCE ORGANIX EcoBlanket (tel.:1-877-548-8558)

INSPECTION AND WARRANTY

- 1. GIVE TIMELY NOTICE TO THE LANDSCAPE ARCHITECT FOR THE REQUIRED START UP SITE INSPECTION TO REVIEW SITE CONDITIONS AND SCHEDULE FOLLOW UP INSTALLATIONS.
- 2. INSTALLATION OF PLANT MATERIAL PRIOR TO INSPECTION BY THE LANDSCAPE ARCHITECT WILL BE THE CONTRACTOR'S
- 3. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REJECT ANY PLANTS, WHETHER INSTALLED OR NOT, WHICH DO NOT CONFORM TO THE SPECIFICATIONS AND/OR SITE DRAWING. REMOVE ALL REJECTED PLANTS FROM THE SITE
- IMMEDIATELY. DO NOT REMOVE ANY LABELS FROM PLANTS UNTIL PLANTS HAVE BEEN INSPECTED AND APPROVED BY THE LANDSCAPE ARCHITECT. 4. ALL PLANT MATERIAL AND WORKMANSHIP WILL BE INSPECTED AND IS UNDER WARRANTY FOR A MINIMUM OF TWO
- YEAR FROM DATE OF WRITTEN ACCEPTANCE. ALL PLANT MATERIAL MUST BE IN A HEALTHY, VIGOROUS GROWING CONDITION SATISFACTORY TO THE CONTRACT ADMINISTRATOR AT THE END OF THE WARRANTY PERIOD OR BE REPLACED AT THE CONTRACTORS EXPENSE.
- 5. FINAL ACCEPTANCE OF THE PROJECT WILL BE CARRIED OUT UPON COMPLETION OF ALL WORK INCLUDED IN THE

TOPSOIL REQUIREMENTS

- 6. PROVIDE MINIMUM SOIL VOLUME PER TREE AT 0.45m DEPTH FOR STREET TREES (OR ABOVE UTILITIES) AND MAX. 0.9m IN OTHER AREAS:
- 18 m³ FOR LARGE TREES 12 m³ FOR SMALL TREES
- PREPARED SOIL MIXTURE FOR EACH TREE PITS AND SHRUBS SHALL CONSIST OF HIGH QUALITY SOIL: SIX PARTS OF FERTILE LOAM SOIL (50-60% SAND, 20-40% SILT, 6-10% CLAY, 2-5% ORGANIC), WITH A pH OF 7.5* OR LESS, FREE OF CLAY LUMPS, DEBRIS, TOXIC SUBSTANCES, STONES, WOODY MATERIAL, WEED SEEDS AND GRASS ROOTS ONE PART COARSE PULVERIZED CANADIAN PEAT MOSS
- ONE PART OF WELL-ROTTED FARM MANURE
- 8. PREPARED SOIL MIXTURE FOR SOD AREAS SHALL CONSIST OF MIN. 20cm HIGH QUALITY SOIL: SIX PARTS OF FERTILE LOAM SOIL (50-60% SAND, 20-40% SILT, 6-10% CLAY, 2-5% ORGANIC), WITH A pH OF 7.5* OR LESS, FREE OF CLAY LUMPS, DEBRIS, TOXIC SUBSTANCES, STONES, WOODY MATERIAL, WEED SEEDS AND GRASS ROOTS



GENERAL NOTES

CONTRACTOR IS RESPONSIBLE FOR ALL LOCATES INCLUDING ALL UNDERGROUND SERVICES PRIOR TO ANY EXCAVATION OR INSTALLATIONS. THE CONTRACTOR IS REQUIRED TO NOTIFY THE VARIOUS UTILITY COMPANIES 48 HOURS PRIOR TO THE COMMENCEMENT OF ANY WORK.

ANY ACCOMPANYING DOCUMENTATION RELATING TO THE LANDSCAPE PLAN AND/OR PRESERVATION PLAN SUCH AS TENDER DOCUMENTS AND CHANGE NOTICES ARE TO BE ENDORSED BY JDB ASSOCIATES LIMITED PRIOR TO THE BEGINNING OF ANY SITE WORKS. IN THE EVENT THAT OF A DISCREPANCY THE DRAWING SHALL BE ASSUMED CORRECT.

IT IS THE RESPONSIBILITY OF THE PERSON OR PERSONS RESPONSIBLE FOR THE CONSTRUCTED WORKS TO NOTIFY THE LANDSCAPE ARCHITECT WHEN PREPARED FOR ANY REOUIRED INSPECTIONS AND SIGN OFFS.

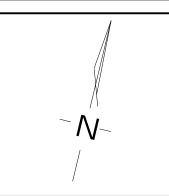
SCHEDULED MEETINGS SHALL TAKE PLACE AT THE CLOSEST MUTUALLY CONVENIENT TIME.

No.	REVISION	DATE	APRVD
1.	CLIENT REVIEW	December 2, 2021	StT
2.	SUBMISSION FOR SPA	December 15, 2021	StT

ALL DRAWINGS AND SPECIFICATIONS ARE INSTRUMENTS OF SERVICE AND ARE THE PROPERTY OF JDB ASSOCIATES LIMITED. DRAWINGS ARE NOT TO BE MODIFIED AND/OR REPRODUCED WITHOUT THE WRITTEN CONSENT OF JDB ASSOCIATES LIMITED. REPRODUCTION OF DRAWINGS IN ANY FORM WITHOUT THE CONSENT OF JDB ASSOCIATES LIMITED VOIDS THE DRAWING AT WHICH TIME JDB ASSOCIATES LIMITED ACCEPTS NO LIABILITY FOR THE DRAWING CONTENT OR WORKS RESULTING FROM SAID REPRODUCTION. DRAWINGS MAY BE REPRODUCED BY MUNICIPAL AND GOVERNMENT AGENCIES RESPONSIBLE FOR APPROVALS FOR THEIR OWN USE. JDB ASSOCIATES RESERVES THE RIGHT TO WITHDRAW ANY DRAWING(S) FROM GOVERNMENT OR MUNICIPAL AGENCIES WHETHER APPROVED OR NOT IN THE EVENT THAT ACCOUNTS ARE NOT SETTLED OR REMAIN OUTSTANDING.

IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO VERIFY ALL DIMENSIONS ON THE SITE AND REPORT ANY DISCREPANCIES OR VARIATIONS FROM THE UPPLIED INFORMATION TO THE LANDSCAPE ARCHITECT WITH THE PROJECT JDB ASSOCIATES LIMITED IS NOT RESPONSIBLE FOR THE ACCURACY OF SURVEY, ARCHITECTURAL, MECHANICAL, ENGINEERING OR ELECTRICAL INFORMATION SHOWN ON THE DRAWING. FOR FURTHER INFORMATION REFER TO APPROPRIATE SURVEY, ARCHITECTURAL, MECHANICAL, ENGINEERING OR ELECTRICAL DRAWINGS PRIOR TO PROCEEDING WITH ANY WORKS.

THIS DRAWING IS NOT TO BE SCALED.

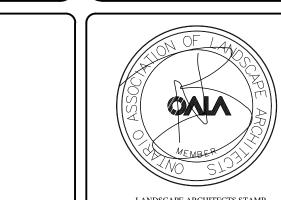


ACCEPTED BY

LLOYD & PURCELL A Division of Schaeffer Dzaldov Bennett LTD ONTARIO LAND SURVEYORS 1228 GORHAM STREET, UNIT 28, NEWMARKET, ONTARIO, L3Y8Z1

(905) 895-6414 Fax (905) 8535837

BASE PLAN REVISED: March 5, 2021

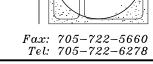




JDB associates LTD.

Urban Designers Landscape Architects

 $Arboristar{s}$ 274 Burton Ave., Suite 1201 Barrie, Ontario L4N 5W4



SIMCOE COUNTY AFFORDABLE HOUSING BWG 125 SIMCOE RD, BRADFORD WEST GWILLIMBURY, ON

RESTORATION PLANTING PLAN

SCALE: 1:250	DATE: September 2021	DESIGNED BY: StT	REVIEWED BY NB
CITY FILE No.	OUR FILE REF. # 33-21	DRAWN BY: StT	LP-3