



SOUTH MARCH BESS

RE-ISSUED FOR SITE PLAN CONTROL

November 7, 2025

Project Number: 160402040



LIST OF DRAWINGS

LANDSCAPE DRAWINGS:

- L1 LANDSCAPE PLAN
- L2 ENLARGEMENT: PLANTING PLAN
- L3 LANDSCAPE DETAILS

- REFER TO SOUTH MARCH BESS STATION TREE CONSERVATION REPORT PREPARED BY HATCH AND DATED JUNE 10, 2025 FOR DETAILS ON TREE REMOVALS AND PROTECTION MEASURES, POTENTIAL IMPACTS TO TREES, AND VEGETATION AREAS TO BE RETAINED / PROTECTED. IT IS ANTICIPATED THAT SEVENTY (70) TREES WILL REQUIRE REMOVAL TO FACILITATE THE CONSTRUCTION OF THE FACILITY ACCESS DRIVE.

- ONE MUNICIPALLY OWNED TREE REMOVAL IS ANTICIPATED AND PROPOSED TO BE COMPENSATED AT A 1:1 RATIO. ADDITIONAL TREE PLANTING SHOWN IS INTENDED TO PROVIDE A VEGETATION SCREEN FOR PROPOSED NOISE WALL AND COMPENSATE ANTICIPATED TREE REMOVALS AT A 1:1 RATIO. REFER TO ACOUSTIC ASSESSMENT REPORT - EVOLUGEN SOUTH MARCH BATTERY ENERGY STORAGE PROJECT.

- REFER TO CIVIL ENGINEERING DRAWINGS FOR PROPOSED DESIGN, INCLUDING: HARDSCAPE, GRADING, SITE SERVICING, AND FENCING INFORMATION.

- FOR SITE SURVEY INFORMATION, REFER TO SURVEY PREPARED BY TULLOCH GEOMATICS INC., DATED MARCH 11, 2025.

- REFER TO THE ENVIRONMENTAL IMPACT STUDY PREPARED BY STANTEC, DATED JUNE 11, 2025

Revision	By	Appd.	YY.MM.DD
3	BL	PP	25.11.07
2	BL	PP	25.10.08
1	BL	KP	25.07.11

File Name	BL	KP	BL	25.06.04
File Name: XR_160402040-Planting.dwg	Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

Client/Project
EVOLUGEN

SOUTH MARCH BESS
2555 AND 2625 MARCHURST RD, OTTAWA

Title
ENLARGEMENT: PLANTING PLAN

Project No.	Scale	Sheet	Revision
160402040	1:750	0	7.5 22.5 37.5m
Drawing No.	Sheet	Revision	

PLANTING SCHEDULE

DECIDUOUS TREES

KEY	QTY	BOTANICAL NAME	COMMON NAME	SPACING (mm - O.C.)	CALIPER (mm)	HEIGHT (mm)	ROOT	DESCRIPTION / NOTES	SIZE	ANTICIPATED CANOPY HEIGHT*	ANTICIPATED CANOPY DIAMETER*	APPROX. CANOPY COVER AT 40yrs (m ²)
AG	2	<i>Aesculus glabra</i>	Ohio buckeye	Refer to Plan	50	-	W.B.	native (Ontario), full sun, partial sun/shade, attracts birds, fall foliage	Medium	10-15m	10m	157
AS	3	<i>Acer saccharum</i>	Sugar Maple	Refer to Plan	50	-	W.B.	native (Ontario), drought tolerant, full sun, fall foliage	Large	15m+	18m	763
ASM	3	<i>Acer saccharinum</i>	Silver Maple	Refer to Plan	50	-	W.B.	native (Ontario), full sun, fall foliage, prefers moist soils	Large	15m+	18m	763
CCS	1	<i>Carya cordiformis</i>	Bitternut Hickory	Refer to Plan	50	-	W.B.	native (Ontario), partial sun/shade, fall foliage, low maintenance	Large	15m+	15m	177
COA	1	<i>Carya ovata</i>	Shagbark Hickory	Refer to Plan	50	-	W.B.	native (Ontario), full sun, partial sun/shade, fall foliage	Large	15m+	17m	227
COS	1	<i>Celtis occidentalis</i>	Northern Hackberry	Refer to Plan	50	-	W.B.	native (Ontario), drought tolerant, full sun, partial sun/shade, attracts birds, fall foliage	Medium	10-15m	16m	201
GD	2	<i>Gymnocladus dioica</i>	Kentucky Coffeetree	Refer to Plan	50	-	W.B.	native (Ontario), full sun, fall foliage, fragrant, salt tolerant, prefers moist soils	Large	15m+	15m	353
JN	3	<i>Juglans nigra</i>	Black Walnut	Refer to Plan	50	-	W.B.	native (Ontario), salt tolerant, drought tolerant, full sun, edible fruit, fall foliage, prefers moist soils	Large	15m+	18m	763
OV	3	<i>Ostrya virginiana</i>	Ironwood	Refer to Plan	50	-	W.B.	native (Ontario), drought tolerant, full sun, partial sun/shade, full shade, attracts birds, fall foliage, prefers moist soils	Medium	10-15m	8m	151
PD	2	<i>Populus deltoides</i>	Eastern Cottonwood	Refer to Plan	50	-	W.B.	native (Ontario), full sun, edible, fall foliage, low maintenance	Large	15m+	18m	509
QA	2	<i>Quercus alba</i>	White Oak	Refer to Plan	50	-	W.B.	native (Ontario), full sun, fall foliage, prefers moist soils	Large	15m+	22m	760
QMA	3	<i>Quercus macrocarpa</i>	Bur Oak	Refer to Plan	50	-	W.B.	native (Ontario), drought tolerant, low maintenance, full sun, fall foliage, prefers moist soils	Medium	10-15m	18m	763
QR	2	<i>Quercus rubra</i>	Red Oak	Refer to Plan	50	-	W.B.	native (Ontario), drought tolerant, full sun, fall foliage	Large	15m+	20m	628
SN	3	<i>Salix nigra</i>	Black Willow	Refer to Plan	50	-	W.B.	native (Ontario), full sun, attracts birds, prefers moist soils, shoreline restoration	Large	15m+	15m	530
TA	3	<i>Tilia americana</i>	Basswood	Refer to Plan	50	-	W.B.	native (Ontario), drought tolerant, full sun, partial sun/shade, attracts butterflies, fragrant	Large	15m+	15m	530
TC	1	<i>Tilia cordata</i>	Little Leaf Linden	Refer to Plan	50	-	W.B.	native (Ontario), full sun, partial sun/shade, attracts butterflies, fall foliage, fragrant, prefers moist soils	Medium	10-15m	12m	177

CONIFEROUS TREES

KEY	QTY	BOTANICAL NAME	COMMON NAME	SPACING (mm O.C.)	CALIPER (mm)	HEIGHT (mm)	ROOT	DESCRIPTION / NOTES	SIZE	ANTICIPATED CANOPY HEIGHT*	ANTICIPATED CANOPY DIAMETER*	APPROX. CANOPY COVER AT 40yrs (m ²)
LL	4	<i>Larix laricina</i>	Eastern larch	Refer to Plan	-	2000	W.B.	native (Ontario), full sun, fall foliage, low maintenance, prefers moist soils	Large	15m+	10m	314
PG	6	<i>Picea glauca</i>	White Spruce	Refer to Plan	-	2000	W.B.	native (Ontario), full sun, drought tolerant, low maintenance, prefers moderately drained soils	Large	15m+	8m	302
PM	2	<i>Picea mariana</i>	Black Spruce	Refer to Plan	-	2000	W.B.	native (Ontario), full sun, partial sun/shade	Large	15m+	12m	226
PRS	2	<i>Picea rubens</i>	Red Spruce	Refer to Plan	-	2000	W.B.	native (Ontario)	Large	15m+	10m	157
PB	2	<i>Pinus banksiana</i>	Jack Pine	Refer to Plan	-	2000	W.B.	native (Ontario)	Medium	10-15m	4m	25
PR	5	<i>Pinus resinosa</i>	Red Pine	Refer to Plan	-	2000	W.B.	native (Ontario), full sun, drought tolerant	Large	15m+	7m	192
PS	9	<i>Pinus strobus</i>	White Pine	Refer to Plan	-	2000	W.B.	native (Ontario), drought tolerant, salt tolerant, full sun, low maintenance	Large	15m+	10m	707
TO	5	<i>Thuja occidentalis</i>	Eastern White Cedar	Refer to Plan	-	2000	W.B.	native (Ontario), full sun, partial sun/shade, low maintenance, prefers moist soils	Medium	10-15m	4m	63

* Anticipated tree height and canopy cover diameter at 40 years has been determined by a review of City of Ottawa Forestry, Michael A. Dirr "Manual of Woody Landscape Plants" and local plant nursery catalogues

LEGAL DESCRIPTION
SOUTHEAST 1/2 LOT 26, CONCESSION 1
PIN 04533-0507 (LT)

TREE CANOPY COVER:
• PROPERTY AREA: 2555 MARCHURST RD = 41.86 HA
2625 MARCHURST RD = 42.56 HA
• APPROXIMATE TOTAL EXISTING TREE CANOPY COVER = 382,900m²
• ANTICIPATED AREA OF VEGETATION REMOVAL = 3,500m²
• ANTICIPATED CANOPY COVER FOR PROPOSED TREES AT 40 YEARS OF GROWTH = 9,440m²



- MEADOW / FIELD -

- FOREST -

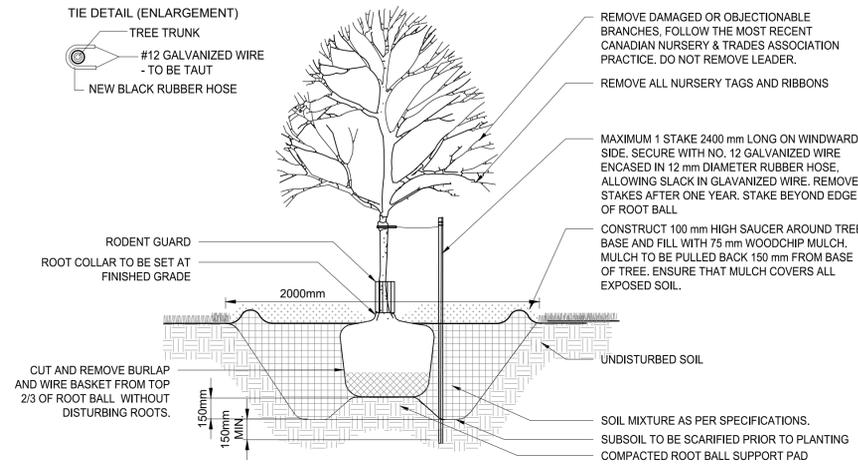
- FOREST -

- FOREST -

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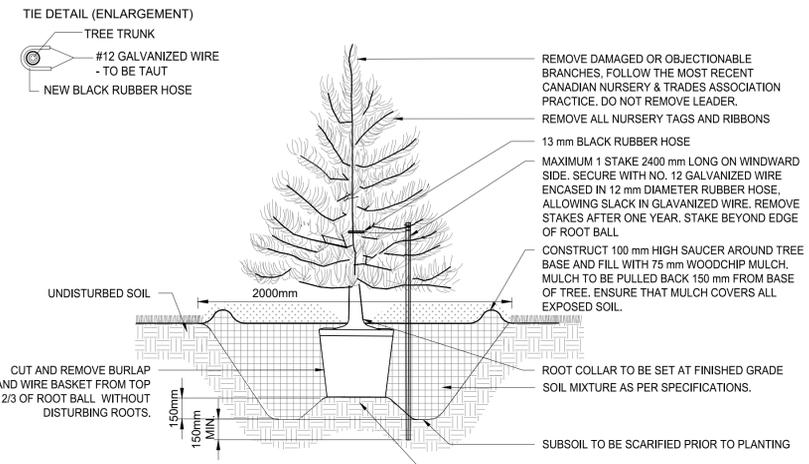
GENERAL NOTES

- CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH THE FULL SCOPE OF WORK BY REVIEWING ALL DRAWINGS AND SPECIFICATIONS.
- REFER TO CIVIL ENGINEERING DRAWINGS FOR GRADING, HARDSCAPE, SITE SERVICING AND FENCING INFORMATION.
- EXISTING VEGETATED AREAS ON ADJACENT PROPERTIES SHALL REMAIN AND BE PROTECTED BEFORE, DURING, AND AFTER CONSTRUCTION.
- CONTRACTOR TO LOCATE AND STAKE ALL UTILITIES PRIOR TO COMMENCING WORK ON THE SITE AND TO OBTAIN CLEARANCE FROM ALL APPLICABLE UTILITIES. DO NOT PLANT DIRECTLY ABOVE UNDERGROUND UTILITIES. REPORT ANY CONFLICTS AND DISCREPANCIES TO THE LANDSCAPE ARCHITECT.
- CONTRACTOR IS RESPONSIBLE FOR CONFIRMING SITE CONDITIONS AND REPORTING ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT.
- NO TREES SHALL BE PLANTED ON PROPERTY / LOT LINES OR WITHIN DRAINAGE EASEMENTS.
- REFER TO THE FOLLOWING MINIMUM SETBACKS AND REQUIREMENTS FOR TREE PLANTING:
 - NO TREES SHALL BE PLANTED UNDER OVERHEAD WIRES.
 - 1500mm FROM ALL UNDERGROUND UTILITIES OR USE APPROVED ROOT BARRIER WHERE ROOT BALL IS WITHIN 1000mm OF UNDERGROUND UTILITIES.
 - 4500mm FROM ALL BUILDINGS.
 - 4000mm FROM ALL HYDRO TRANSFORMERS.
 - 2000mm FROM THE ROAD CURB FOR DECIDUOUS TREES AND 5000mm FOR CONIFEROUS TREES.
 - 2000mm FROM FIRE HYDRANTS.
 - 2500mm FROM STREET LIGHTS.
 - 2000mm FROM SIDEWALKS, PATHWAYS, AND DRIVEWAYS FOR DECIDUOUS TREES.
 - 4500mm FROM SIDEWALKS, PATHWAYS, AND DRIVEWAYS FOR CONIFEROUS TREES.
 - MINIMUM DISTANCE BETWEEN DECIDUOUS TREES AS FOLLOWS:
 - 4.0m FOR SMALL GROWING TREES
- DO NOT MAKE SUBSTITUTIONS OF MATERIALS, PRODUCTS, OR QUANTITIES WITHOUT PRIOR WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT.
- CONTRACTOR TO MAKE GOOD TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT ANY AREAS DAMAGED BY THE WORK.
- CONTRACTOR SHALL SUPPLY ALL MATERIALS, PRODUCTS, AND QUANTITIES SUFFICIENTLY TO COMPLETE THE WORK SHOWN ON THESE DRAWINGS. ANY DISCREPANCIES SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT FOR DIRECTION.
- ALL WORKMANSHIP AND MATERIALS (INCLUDING PLANTS) TO BE GUARANTEED FOR ONE FULL YEAR FOLLOWING FINAL ACCEPTANCE OF THE WORK BY THE LANDSCAPE ARCHITECT.
- UPON COMPLETION OF THE WORK EACH DAY, THE CONTRACTOR SHALL REMOVE ALL DEBRIS, GARBAGE, AND SURPLUS MATERIALS FROM THE SITE. KEEP THE SITE CLEAN AND USEABLE AT ALL TIMES.



- NOTES:
- ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
 - LOCATION OF TREE PITS AS SPECIFIED ON PLANS.
 - PROMOTE DRAINAGE TO THE ROOT ZONE IN SUCH MANNER AS NOT TO BE DETRIMENTAL TO THE TREE.

1 DECIDUOUS TREE PLANTING (POORLY DRAINED SOILS)
SCALE NTS

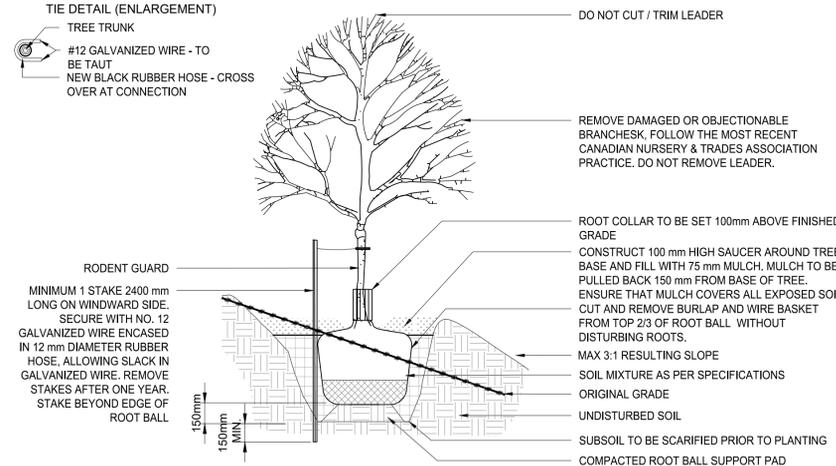


- NOTES:
- ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
 - LOCATION OF TREE PITS AS SPECIFIED ON PLANS.
 - PROMOTE DRAINAGE TO THE ROOT ZONE IN SUCH MANNER AS NOT TO BE DETRIMENTAL TO THE TREE.

2 CONIFEROUS TREE PLANTING (POORLY DRAINED SOILS)
SCALE NTS

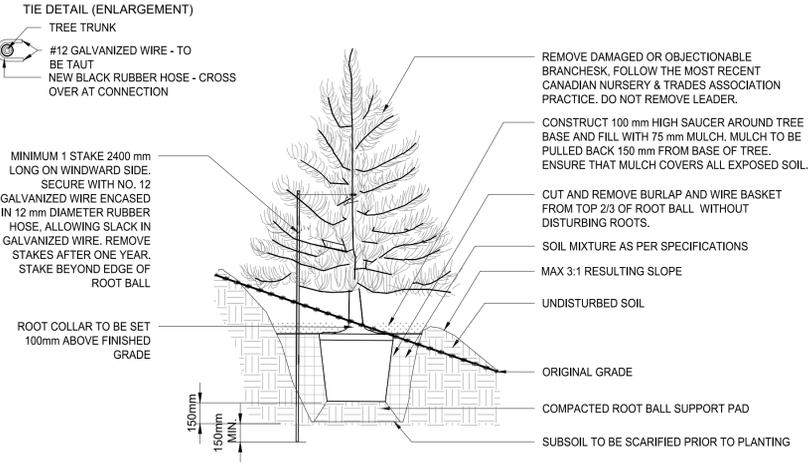
PLANTING NOTES

- THE DETAILS ON THIS SHEET DO NOT REPRESENT ANY PARTICULAR SPECIES.
- TREES AND SHRUBS AS INDICATED IN THE DETAILS REPRESENT BOTH CONIFEROUS AND DECIDUOUS SPECIES.
- PLANT MATERIAL QUALITY STANDARDS:
 - ALL PLANT MATERIAL TO BE NO. 1 NURSERY STOCK AND SHALL MEET OR EXCEED THE SPECIFICATIONS OF THE *Canadian Standards for Nursery Stock (Latest Edition)* AS PUBLISHED BY THE *Canadian Nursery Landscape Association*.
 - PLANT MATERIAL COLLECTED FROM WILD SOURCES ARE NOT ACCEPTABLE.
 - THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REFUSE ACCEPTANCE OF ANY PLANT MATERIALS THAT DISPLAY POOR GROWTH HABITS APPROPRIATE TO SPECIES, DISEASE OR DAMAGE FROM POOR HANDLING DURING TRANSPORT, ON SITE STORAGE, INSTALLATION OR MAINTENANCE.
 - ANY PLANTS THAT DO NOT CONFORM TO THESE STANDARDS WILL BE PROMPTLY REMOVED FROM THE SITE BY THE CONTRACTOR AND REPLACED WITH MATERIAL OF ACCEPTABLE QUALITY AT NO ADDITIONAL COST TO THE PROJECT.
- SPECIES SUBSTITUTIONS ARE NOT PERMITTED WITHOUT THE PRIOR WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT.
- THE ILLUSTRATED NUMBER OF PLANTS SHOWN ON THE *Planting Plan* SUPERSEDES THE QUANTITIES SHOWN ON THE PLANT SCHEDULE. CONTRACTOR TO REPORT ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
- FIRMLY COMPACT BACKFILLED PLANTING MIXTURE TO ELIMINATE AIR POCKETS AND PREVENT SETTLEMENT.
- PRUNING - TO SUIT SPECIES - PRUNE BRANCHES BY 1/3 TO REMOVE DAMAGED OR OBJECTIONABLE BRANCHES FOLLOWING PROPER HORTICULTURAL PRACTICE COMPLETED BY A QUALIFIED PROFESSIONAL. DO NOT PRUNE LEADERS.
- THE CONTRACTOR SHALL REMOVE ALL TREE STAKES AND TREE SUPPORTS PRIOR TO ASSUMPTION BY THE OWNER.
- AT THE TIME OF REVIEW FOR FINAL ACCEPTANCE, ALL TREE PITS SHALL BE CULTIVATED, FREE OF WEEDS, LEAVES OR BROKEN BRANCHES AND DEBRIS.
- WHERE HEAVY CLAY OR POORLY DRAINING SOILS ARE ENCOUNTERED, PROPER DRAINAGE MUST BE ENSURED IN TREE / SHRUB PITS. METHOD TO BE APPROVED BY LANDSCAPE ARCHITECT PRIOR TO PLANTING.
- SEED SHALL BE INSTALLED IN ALL DISTURBED AREAS AND AS PER OPSS PROV 803. SEED MIXES TYPE AND DISTRIBUTION AREAS SHALL BE AS SHOWN ON PLAN OR APPROVED EQUIVALENT. SEEDING SHALL BE INSTALLED WITH MULCH OVER 150mm OF TOPSOIL. DISTURBED AREAS INCLUDE THOSE AREAS OUTSIDE THE PROPERTY. SEED MIXES SHALL INCLUDE NATIVE WET DITCH MIX TYPE 8220, NATIVE MEADOW MIX TYPE 8135, AND NATIVE STORMWATER POND MIX TYPE 8190 PROVIDED BY ONTARIO SEED COMPANY OR APPROVED EQUIVALENT (WWW.OSCSEEDS.COM / 1-800-485-5849).
- TOPSOIL SHALL BE INSTALLED AS PER OPSS 802 AND SHALL MEET OR EXCEED THE GROWING MEDIUM SPECIFICATIONS OF *The Canadian Landscape Standard (Latest Edition)* AS PUBLISHED BY THE *Canadian Nursery Landscape Association*. TOPSOIL SHALL BE FERTILE, FRIABLE, NATURAL SANDY LOAM AS PER THE *Soil Texture Classes Triangle* PUBLISHED BY THE *Canadian Soil Information System*:
 - SAND: 45-70%
 - SILT: 0-35%
 - CLAY: 14-20%
 - ORGANIC MATERIAL: 4-11%
 - PH: 6-8
- MINIMUM DEPTH OF TOPSOIL AFTER SETTLEMENT, UNLESS OTHERWISE NOTED ON DETAILS:
 - 300mm FOR PERENNIALS
 - 500mm FOR SHRUBS
 - 1000mm FOR TREES
- MULCH SHALL BE SHREDDED WOOD VARYING IN SIZE FROM 25-125mm IN LENGTH, COMPRISED FROM CONIFEROUS TREES.



- NOTES:
- REMOVE ALL NURSERY TAGS.
 - PIT SIZE DETERMINED BY TYPE OF MATERIAL TO BE PLANTED. PIT SHALL BE MINIMUM 3X (TIMES) WIDTH OF ROOTBALL.

3 DECIDUOUS TREE PLANTING ON SLOPE
SCALE NTS



- NOTES:
- DO NOT STAKE CEDAR TREES.
 - REMOVE ALL NURSERY TAGS.
 - PIT SIZE DETERMINED BY TYPE OF MATERIAL TO BE PLANTED. PIT SHALL BE MINIMUM 3X (TIMES) WIDTH OF ROOTBALL.

4 CONIFEROUS TREE PLANTING ON SLOPE
SCALE NTS

Legend

NOT FOR CONSTRUCTION

Notes

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3	BL	PP	25.11.07
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Permit-Seal

Client/Project
EVOLUGEN

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2555 AND 2625 MARCHURST RD, OTTAWA

Title
LANDSCAPE DETAILS AND NOTES

Project No.	Scale	
160402040		
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