

# SOUTH MARCH BESS RE-ISSUED FOR CITY REVIEW

2555 AND 2625 MARCHURST RD, OTTAWA 25-10-08
Project Number: 160402040

# LIST OF DRAWINGS

# LANDSCAPE DRAWINGS:

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





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— – – PROPERTY LINE



PROPOSED TREE

# PRELIMINARY NOT FOR CONSTRUCTION

REFER TO SOUTH MARCH BESS STATION TREE CONSERVATION REPORT BY HATCH AND DATED MARCH 5, 2025 FOR DETAILS ON TREE REMOVALS, 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.

PLANTING SHOWN IS INTENDED TO PROVIDE A VEGETATION SCREEN FOR PROPOSED NOISE WALL REFER TO ACOUSTIC ASSESSMENT REPORT -EVOLUGEN SOUTH MARCH BATTERY ENERGY STORAGE PROJECT.

1.1. ONE MUNICIPALLY OWNED TREE REMOVAL IS ANTICIPATED AND PROPOSED TO BE

COMPENSATED AT A 1:1 RATIO. ADDITIONAL TREE

- REFER TO CIVIL ENGINEERING DRAWINGS FOR PROPOSED DESIGN, INCLUDING: HARDSCAPE, GRADING, SITE SERVICING, AND FENCING INFORMATION.
- 3. FOR SITE SURVEY INFORMATION, REFER TO SURVEY PROVIDED BY TULLOCH GEOMATICS INC., DATED MARCH 11, 2025.
- 4. REFER TO THE ENVIRONEMTNAL IMPACT STUDY PROVIDED BY STANTEC, DATED JUNE 11, 2025

2 RE-ISSUED FOR CITY REVIEW BL PP  1 ISSUED FOR CITY REVIEW BL KP	
	25.10.08
	25.07.11
Revision By App	od. YY.MM.DD

Dwn. Chkd. Dsgn. YY.MM.DD

Permit-Seal

Client/Project EVOLUGEN

> SOUTH MARCH BESS 2555 AND 2625 MARCHURST RD, OTTAWA

LANDSCAPE PLAN

Project No. 160402038	Scale 0 20	60 100
Drawing No.	Sheet	Revision
L1	1 of 3	3





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— – – PROPERTY LINE



PROPOSED DECIDUOUS TREE



PROPOSED CONIFEROUS TREE



STORMWATER POND SEED MIX.

ALL DISTURBED AREAS TO BE REINSTATED WITH 150mm TOPSOIL AND SEE. REFER TO PLANTING NOTES SHEET L3.

## **PRELIMINARY** NOT FOR CONSTRUCTION

REFER TO SOUTH MARCH BESS STATION TREE CONSERVATION REPORT BY HATCH AND DATED MARCH 5, 2025 FOR DETAILS ON TREE REMOVALS, 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.

- 1.1. 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 PROVIDED BY TULLOCH GEOMATICS INC., DATED MARCH 11, 2025.
- REFER TO THE ENVIRONEMTNAL IMPACT STUDY PROVIDED BY STANTEC, DATED JUNE 11, 2025

2 RE-ISSUED FOR CITY REVIEW	BL	PP	25.10.08
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Revision	Ву	Appd.	YY.MM.DD

Client/Project **EVOLUGEN** 

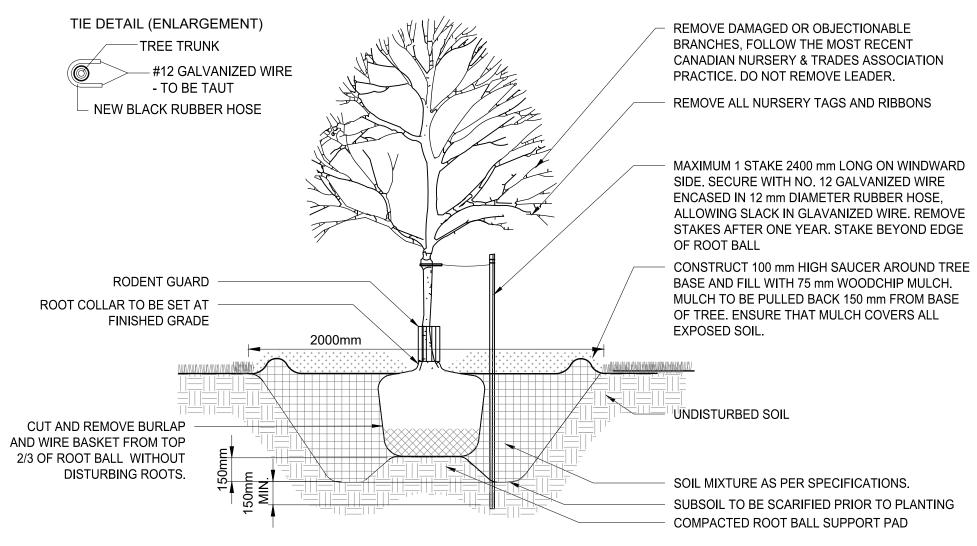
> SOUTH MARCH BESS 2555 AND 2625 MARCHURST RD, OTTAWA

ENLARGEMENT: PLANTING PLAN

Project No.	Scale
160402038	1:7
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2 of 3

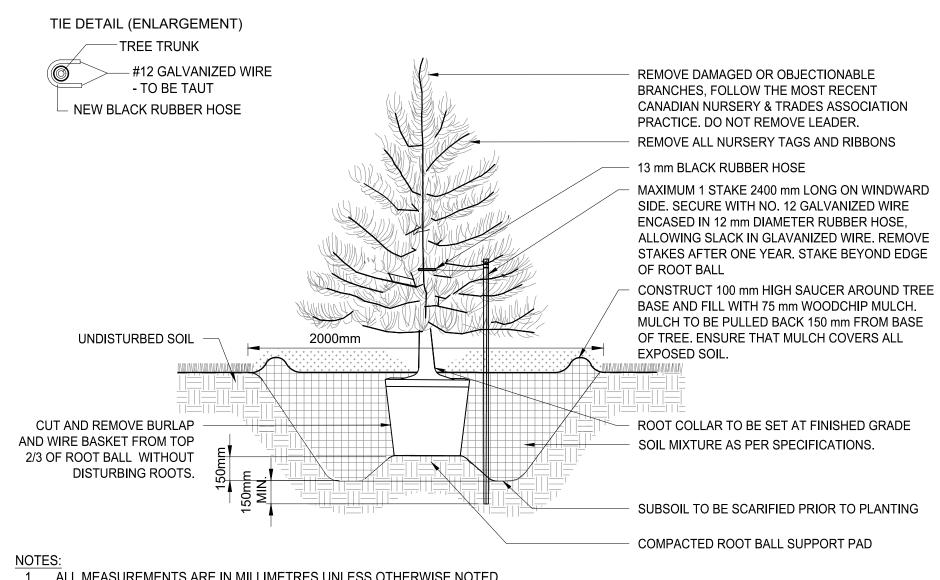
ORIGINAL SHEET - ARCH D



ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.

2. LOCATION OF TREE PITS AS SPECIFIED ON PLANS.

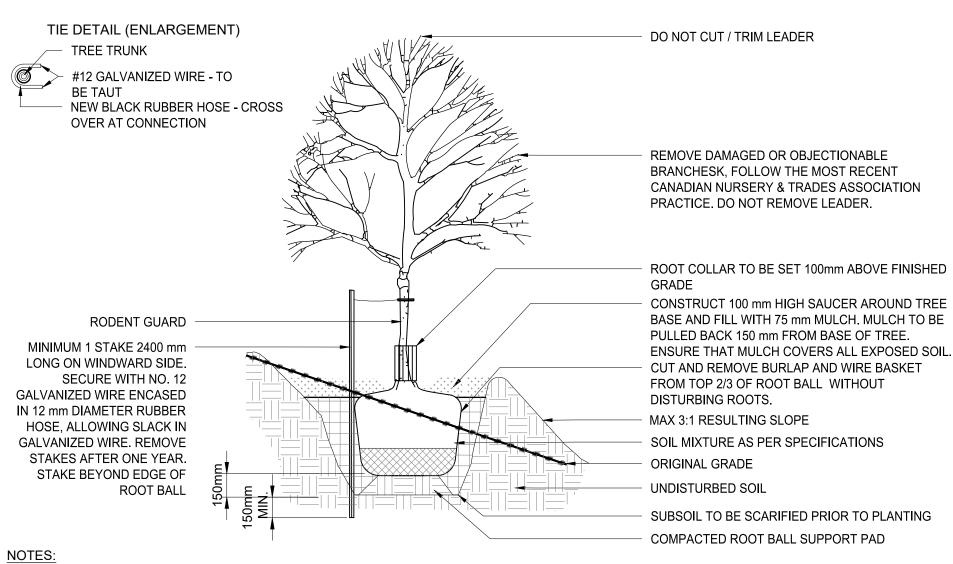
DECIDUOUS TREE PLATING (POORLY DRAINED SOILS) L3 / SCALE NTS



ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.

2. LOCATION OF TREE PITS AS SPECIFIED ON PLANS.

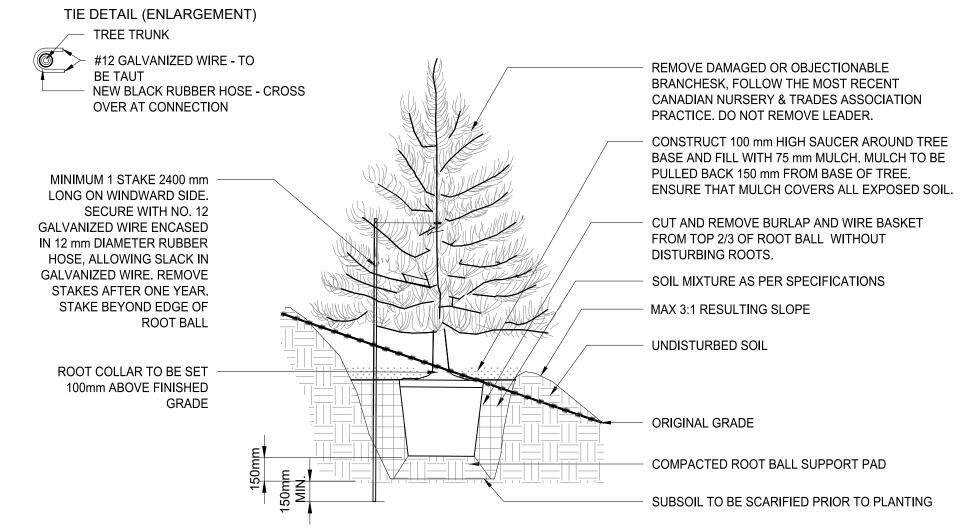
CONIFEROUS TREE PLATING (POORLY DRAINED SOILS) L3 / SCALE NTS



REMOVE ALL NURSERY TAGS.

2. PIT SIZE DETERMINED BY TYPE OF MATERIAL TO BE PLANTED, PIT SHALL BE MINIMUM 3X (TIMES) WIDTH OF ROOTBALL.

DECIDUOUS TREE PLATING ON SLOPE (POORLY DRAINED SOILS)



DO NOT STAKE CEDAR TREES REMOVE ALL NURSERY TAGS.

3. PIT SIZE DETERMINED BY TYPE OF MATERIAL TO BE PLANTED. PIT SHALL BE MINIMUM 3X (TIMES) WIDTH OF ROOTBALL.

CONIFEROUS TREE PLATING ON SLOPE (POORLY DRAINED SOILS) L3 / SCALE NTS

# **GENERAL NOTES**

- 1. CONTRACTORS SHALL FAMILIARIZE THEMSELVES WITH THE FULL SCOPE OF WORK BY REVIEWING ALL DRAWINGS AND SPECIFICATIONS.
- 2. REFER TO CIVIL ENGINEERING DRAWINGS FOR GRADING, HARDSCAPE, SITE SERVICING AND FENCING INFORMATION
- 3. EXISTING VEGETATED AREAS ON ADJACENT PROPERTIES SHALL REMAIN AND BE PROTECTED BEFORE, DURING, AND AFTER CONSTRUCTION.
- 4. 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 UTILITES. REPORT ANY CONFLICTS AND DISCREPANCIES TO THE LANDSCAPE
- 5. CONTRACTOR IS RESPONSIBLE FOR CONFIRMING SITE CONDITIONS AND REPORTING ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT.
- 6. NO TREES SHALL BE PLANTED ON PROPERTY / LOT LINES OR WITHIN DRAINAGE EASEMENTS. 7. REFER TO THE FOLLOWING MINIMUM SETBACKS AND REQUIREMENTS FOR TREE PLANTING: a. NO TREES SHALL BE PLANTED UNDER OVERHEAD WIRES.
- b. 1500mm FROM ALL UNDERGROUND UTILITIES OR USE APPROVED ROOT BARRIER WHERE ROOT BALL IS WITHIN 1000mm OF UNDERGROUND UTILITIES.
- c. 4500mm FROM ALL BUILDINGS. d. 4000mm FROM ALL HYDRO TRANSFORMERS.
- e. 2000mm FROM THE ROAD CURB FOR DECIDUOUS TREES AND 5000mm FOR CONIFEROUS TREES.
- g. 2500mm FROM STREET LIGHTS.
- h. 2000mm FROM SIDEWALKS, PATHWAYS, AND DRIVEWAYS FOR DECIDUOUS TREES. i. 4500mm FROM SIDEWALKS, PATHWAYS, AND DRIVEWAYS FOR CONIFEROUS TREES.
- j. MINIMUM DISTANCE BETWEEN DECIDUOUS TREES AS FOLLOWS:
- 7.5m FOR LARGE GROWING TREES 4.0m FOR SMALL GROWING TREES
- 8. DO NOT MAKE SUBSTITUTIONS OF MATERIALS, PRODUCTS, OR QUANTITIES WITHOUT PRIOR WRITTEN APPROVAL OF THE LANDSCAPE ARCHITECT.
- 9. CONTRACTOR TO MAKE GOOD TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT ANY AREAS DAMAGED BY THE WORK.
- 10. 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.
- 11. ALL WORKMANSHIP AND MATERIALS (INCLUDING PLANTS) TO BE GUARANTEED FOR ONE FULL YEAR FOLLOWING FINAL ACCEPTANCE OF THE WORK BY THE LANDSCAPE ARCHITECT.

## LANDSCAPE NOTES

STREET LIGHTS.

- 1. REFER TO CIVIL ENGINEERING DRAWINGS FOR PROPOSED DESIGN, INCLUDING:
- HARDSCAPE, GRADING, SITE SERVICING, AND FENCING INFORMATION. 2. EXISTING VEGETATED AREAS ON ADJACENT PROPERTIES SHALL REMAIN AND BE PROTECTED BEFORE, DURING, AND AFTER CONSTRUCTION.
- 3. CONTRACTOR TO LOCATE AND STAKE ALL UTILITIES PRIOR TO ANY WORK ON THE SITE AND TO OBTAIN CLEARANCE FROM ALL APPLICABLE UTILITIES. DO NOT PLANT DIRECTLY ABOVE UNDERGROUND UTILITIES. REPORT CONFLICTS AND ANY DISCREPANCIES TO THE LANDSCAPE ARCHITECT FOR DIRECTION.
- 4. NO TREES SHALL BE PLANTED ON PROPERTY / LOT LINES OR WITHIN DRAINAGE
- 5. NO TREES SHALL BE PLANTED UNDER OVERHEAD WIRES. 6. MAINTAIN A MINIMUM DISTANCE OF 1500mm BETWEEN TREE PLANTING AND ALL
- UNDERGROUND UTILITIES OR USE ROOT BARRIERS WHERE ROOT BALL OF TREE IS WITHIN 1000mm OF UNDERGROUND UTILITIES. 7. MAINTAIN A MINIMUM DISTANCE OF 4500mm BETWEEN TREE PLANTING AND ALL
- BUILDINGS.
- 8. MAINTAIN A MINIMUM DISTANCE OF 4000mm BETWEEN TREE PLANTING AND ALL HYDRO TRANSFORMERS.
- 9. MAINTAIN A MINIMUM DISTANCE OF 2000mm FROM THE ROAD CURB FOR DECIDUOUS TREES AND 5000mm FOR CONIFEROUS TREES.
- 10. MAINTAIN A MINIMUM DISTANCE OF 2000mm BETWEEN TREE PLANTING AND FIRE HYDRANTS. 11. MAINTAIN A MINIMUM DISTANCE OF 2500mm BETWEEN TREE PLANTING AND
- 12. MAINTAIN A MINIMUM OF 2000mm BETWEEN DECIDUOUS TREE PLANTING AND SIDEWALKS, PATHWAYS, AND DRIVEWAYS. 13. MAINTAIN A MINIMUM OF 4500mm BETWEEN CONIFEROUS TREE PLANTING AND
- SIDEWALKS, PATHWAYS, AND DRIVEWAYS. 14. MINIMUM DISTANCE BETWEEN DECIDUOUS TREES SHOULD BE AS FOLLOWS: -- 7.5m FOR LARGE GROWING TREES

4m FOR SMALL GROWING TREES

REPORTED TO THE LANDSCAPE ARCHITECT FOR DIRECTION.

15. THE LANDSCAPE ARCHITECT MAY ADJUST THE LOCATION OF PLANTING PRIOR TO PLANTING TO MINIMIZE CONFLICTS WITH UTILITIES, DRIVEWAYS AND INTERSECTION VISIBILITY. 16. CONTRACTOR SHALL SUPPLY ALL MATERIALS IN QUANTITIES SUFFICIENT TO

COMPLETE WORK SHOWN ON THESE DRAWINGS. ANY DISCREPANCIES SHALL BE

- 17. DO NOT MAKE SUBSTITUTIONS OF MATERIALS, PRODUCTS OR QUANTITIES WITHOUT PRIOR WRITTEN PERMISSION OF THE LANDSCAPE ARCHITECT.
- 18. PLANT MATERIAL QUALITY STANDARDS: 18.1. ALL PLANT MATERIAL TO CONFORM TO THE CANADIAN NURSERY TRADES ASSOCIATION AND THE CANADIAN STANDARDS FOR NURSERY STOCK AS TO
- SPECIES, SIZE AND CONDITION. 18.2. PLANT MATERIAL COLLECTED FROM WILD SOURCES ARE NOT ACCEPTABLE. 18.3. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REFUSE
- ACCEPTANCE OF ANY PLANT DISPLAYING POOR GROWTH HABITS APPROPRIATE TO SPECIES, DISEASE OR DAMAGE FROM POOR HANDLING DURING TRANSPORT, ON SITE STORAGE, INSTALLATION OR MAINTENANCE. 18.4. 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
- 19. THE CONTRACTOR TO MAKE GOOD TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT ANY AREAS DAMAGED BY THE WORK.
- 20. SEED SHALL BE INSTALLED IN ALL DISTURBED AREAS AND AS PER OPSS 804. SEED SHALL BE A LOW MAINTENANCE LAWN MIXTURE #7104 BY OSC SEEDS OR APPROVED EQUIVALENT. SEEDING SHALL BE INSTALLED MECHANICALLY WITH MULCH OVER 150mm OF TOPSOIL. DISTURBED AREAS INCLUDE THOSE AREAS OUTSIDE THE PROPERTY.
- 21. PRUNING TO SUIT SPECIES PRUNE BRANCHES BY 1/3 TO REMOVE DAMAGED OR OBJECTIONABLE BRANCHES FOLLOWING PROPER HORTICULTURAL PRACTICE. DO NOT PRUNE LEADERS.
- 22. UPON THE COMPLETION OF WORK EACH DAY, REMOVE ALL DEBRIS, GARBAGE AND SURPLUS MATERIALS FROM THE SITE. KEEP THE SITE CLEAN AND USEABLE
- 23. ALL WORKMANSHIP AND MATERIALS (INCLUDING PLANTS) TO BE GUARANTEED FOR ONE FULL YEAR FOLLOWING FINAL ACCEPTANCE OF THE PROJECT BY THE LANDSCAPE ARCHITECT. 24. THE CONTRACTOR SHALL REMOVE ALL TREE STAKES AND TREE SUPPORTS
- PRIOR TO ASSUMPTION BY THE OWNER. 25. AT THE TIME OF INSPECTION FOR ACCEPTANCE ALL TREE PITS SHALL BE CULTIVATED, FREE OR WEEDS, LEAVES, BROKEN BRANCHES AND DEBRIS

# **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. 3. 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 4. 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.
- 6. FIRMLY COMPACT BACKFILLED PLANTING MIXTURE TO ELIMINATE AIR POCKETS AND PREVENT SETTLEMENT AS PER SPECIFICATIONS. 7. PRUNING - TO SUIT SPECIES - PRUNE BRANCHES BY 1/3 TO REMOVE DAMAGED OR
- OBJECTIONABLE BRANCHES FOLLOWING PROPER HORTICULTURAL PRACTICE AND AS PER SPECIFICATIONS. DO NOT PRUNE LEADERS. 8. PLANT MATERIAL COLLECTED FROM WILD SOURCES ARE NOT ACCEPTABLE.
- 9. THE LANDSCAPE ARCHITECT RESERVES THE RIGHT TO REFUSE ACCEPTANCE OF ANY PLANT MATERIALS THAT DO NOT CONFORM TO THE STANDARDS OR SPECIFICATIONS. 10. THE CONTRACTOR SHALL REMOVE ALL TREE STAKES AND TREE SUPPORTS PRIOR TO ASSUMPTION BY THE OWNER.
- 11. AT THE TIME OF REVIEW FOR FINAL ACCEPTANCE, ALL TREE PITS SHALL BE CULTIVATED, FREE OF WEEDS, LEAVES OR BROKEN BRANCHES AND DEBRIS 12. 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. 13. SEED SHALL BE INSTALLED IN ALL DISTURBED AREAS AND AS PER OPSS 804. SEED AROUND STORMWATER POND TO BE Stormwater Pond Native Seed Mixture #8190 BY OSC SEEDS OR APPROVED EQUIVALENT. ALL OTHER DISTURBED AREAS TO BE REINSTATED WITH Native Pollinator Seed Mixture #8255 BY OSC OR APPROVED EQUIVALENT. SEEDING SHALL BE INSTALLED MECHANICALLY WITH MULCH OVER 150mm TOPSOIL. DISTURBED AREAS INCLUDE THOSE AREAS OUTSIDE THE PROPERTY. SEEDING EXTENTS TO BE APPROVED BY LANDSCAPE ARCHITECT.
- TOPSOIL MATERIAL AND TEXTURE AS PER SPECIFICATIONS. 15. MINIMUM DEPTH OF TOPSOIL AFTER SETTLEMENT, UNLESS OTHERWISE NOTED ON DETAILS: a. 300mm FOR PERENNIALS
- b. 500mm FOR SHRUBS c. 1000mm FOR TREES

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Legend

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Notes

RE-ISSUED FOR CITY REVIEW PP 25.10.08 BL KP 25.07.11 ISSUED FOR CITY REVIEW By Appd. YY.MM.DD Revision

File Name: XR\_160402040-L-Planting.dwg Dwn. Chkd. Dsgn. YY.MM.DD Permit-Seal

Client/Project EVOLUGEN

SOUTH MARCH BESS 2555 AND 2625 MARCHURST RD, OTTAWA

LANDSCAPE DETAILS AND NOTES

Project No. Scale 160402038 Sheet Drawing No. Revision 3 of 3