

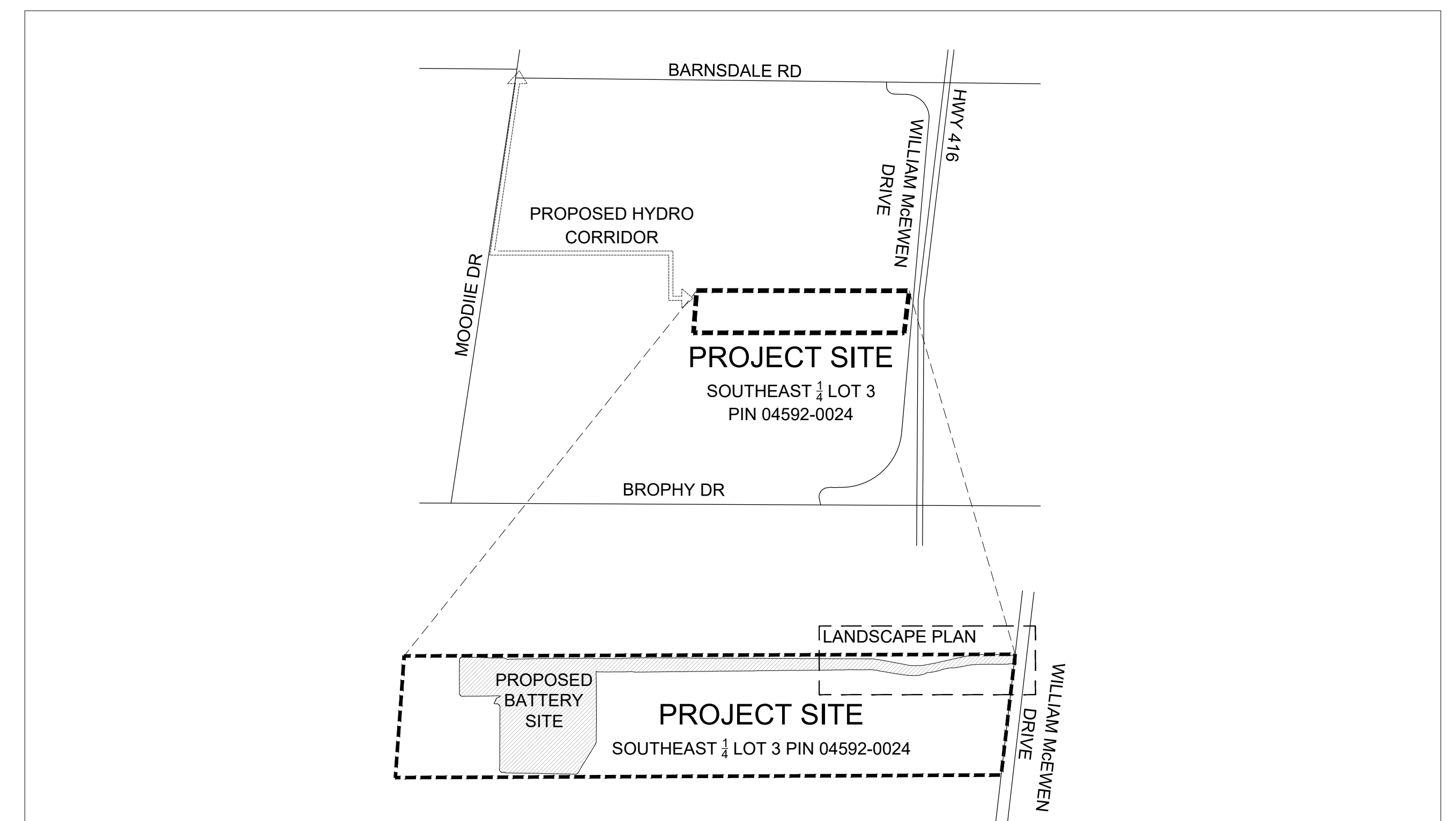


TRAIL ROAD BESS

4186 WILLIAM MCEWEN DR, OTTAWA

25-07-25

Project Number: 160402099

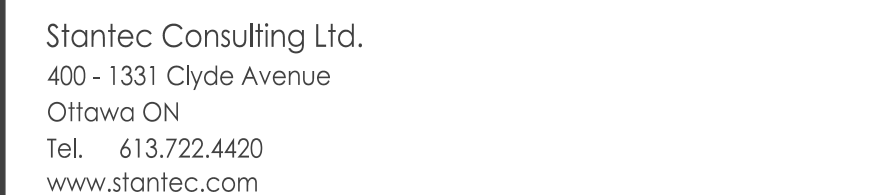


LOCATION PLAN

LIST OF DRAWINGS

LANDSCAPE DRAWINGS:

L1	LANDSCAPE PLAN
L2	LANDSCAPE DETAILS & NOTES

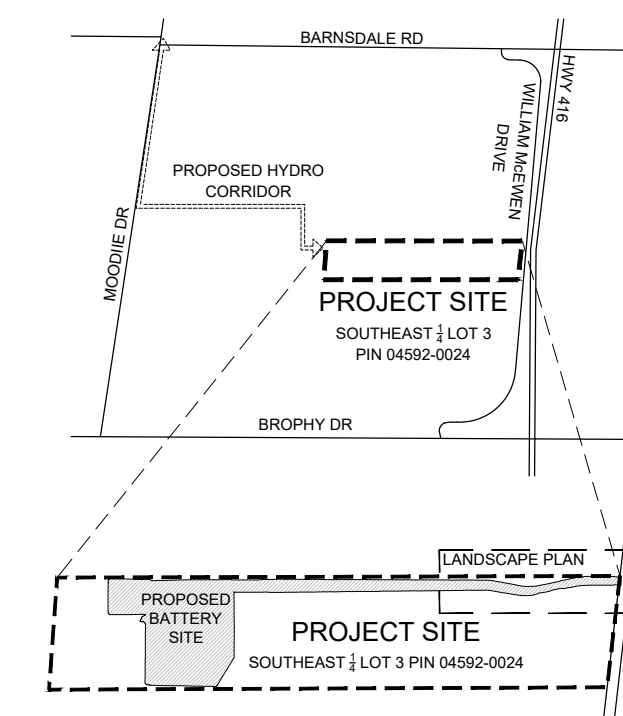


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Key Plan



Legend

-  PROPOSED DECIDUOUS TREE
 PROPOSED CONIFEROUS TREE
 EDGE OF EXISTING FORESTED AREA
 ANTICIPATED LIMIT OF CANOPY COVER AFTER FORTY YEARS
 PROPERTY LINE

Notes

1. REFER TO TREE CONSERVATION REPORT BY HATCH AND DATED MARCH 19, 2025 FOR DETAILS ON TREE REMOVALS, POTENTIAL IMPACTS TO TREES, AND VEGETATION AREAS TO BE RETAINED / PROTECTED.
 - a. PROPOSED TREE PLANTING SHOWN REPRESENTS COMPENSATION PLANTING FOR TREE REMOVALS WITHIN THE PROPOSED RIGHT OF WAY HYDRO TRANSMISSION CORRIDOR AND 4186 WILLIAM MCEWEN.
 - b. EIGHTEEN ANTICIPATED TREE REMOVALS ARE PROPOSED TO BE COMPENSATED AT A 2:1 RATIO. FIVE ADDITIONAL TREES POTENTIALLY IMPACTED BY CONSTRUCTION ARE PROPOSED TO BE COMPENSATED AT A 1:1 RATIO. REFER TO PLANTING SCHEDULE.

2	ISSUED FOR CITY REVIEW	BL	ILL 25.07.25
1	ISSUED FOR SITE PLAN REVIEW	TA/BL	ILL 25.05.13
Revision		By	Appd. YY.MM.DD

File Name: XR-160402099-L-Planting.dwg	BL	ILL	BL	25.05.07
	Dwn.	Chkd.	Dsan.	YY.MM.DD

Permit-Seal

Client/Project

EVOLUGEN

TRAIL ROAD BESS
4186 WILLIAM MCEWEN DR, OTTAWA

Title
LANDSCAPE PLAN

Project No. 160402099	Scale AS NOTED
Drawing No.	Sheet Revision

L1 1 of 2 1

1 SITE OVERVIEW

1:1500

2 PLANTING PLAN

1:1500

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ORIGINAL SHEET: ARCH 1

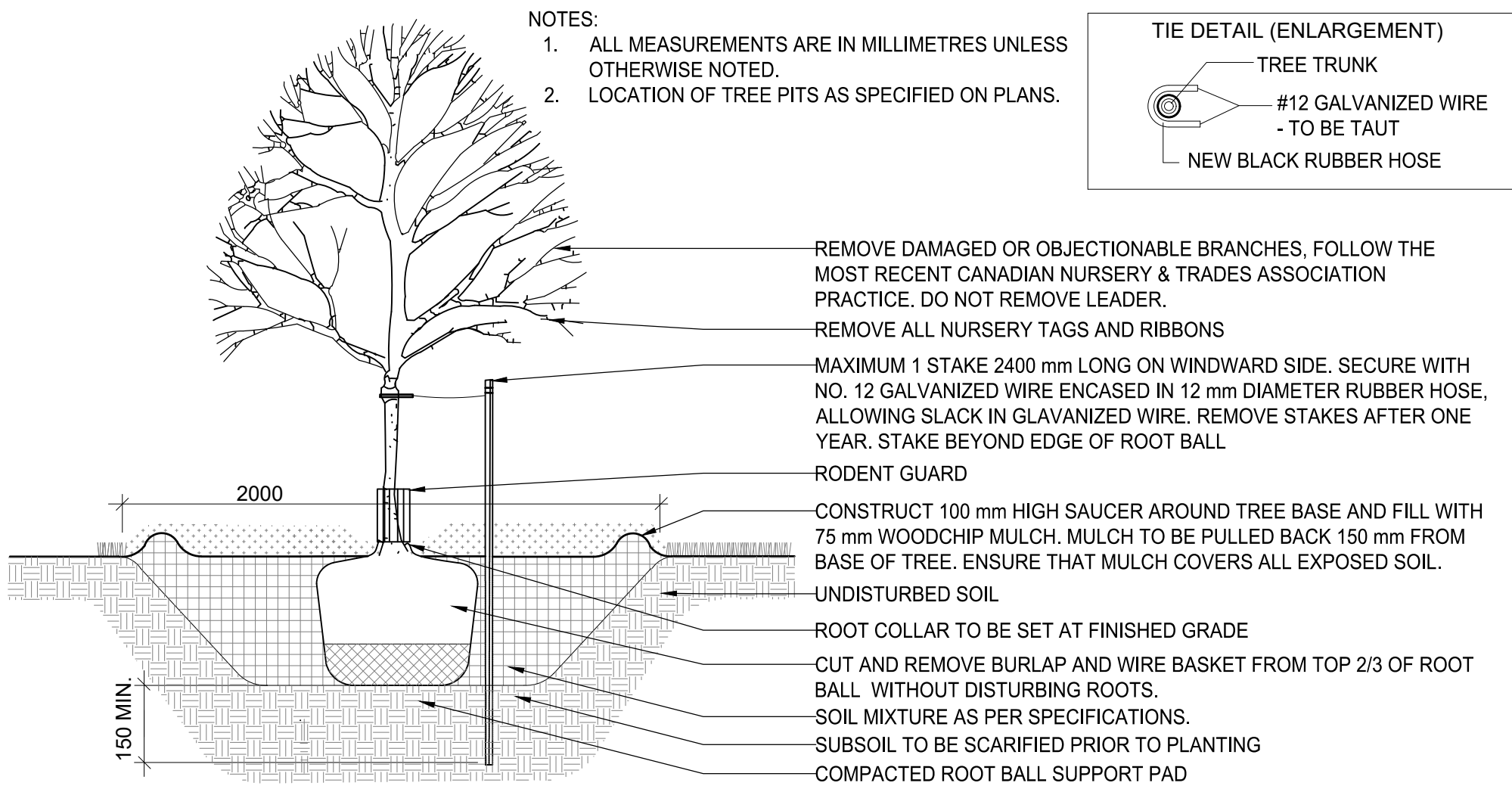
PLANTING SCHEDULE

DECIDUOUS TREES - REFER TO DETAIL 1/L2

KEY	QTY	BOTANICAL NAME	COMMON NAME	SPACING (mm - O.C.)	CALIPER (mm)	HEIGHT (mm)	ROOT	DESCRIPTION / NOTES	MATURE HEIGHT	AVAILABLE SOIL VOLUME / TREE (m³)
AG	4	<i>Aesculus glabra</i>	Ohio buckeye	8,000	50	-	W.B.	native (Ontario), full sun, partial sun/shade, attracts birds, fall foliage	Medium (7.5m-14m)	More than 30
AL	3	<i>Amelanchier laevis</i>	Allegheny Serviceberry	6,000 Min.	45	2500	W.B.	native (Ontario), treeform, full sun, partial sun/shade, attracts birds, edible fruit, fall foliage, colourful flowers	Small (up to 7.5m)	More than 30
AS	3	<i>Acer saccharum</i>	Sugar Maple	10,000 Min.	50	-	W.B.	native (Ontario), drought tolerant, full sun, fall foliage	Large (14m or higher)	More than 30
BA	1	<i>Betula alleghaniensis</i>	Yellow Birch	8,000	50	-	W.B.	native (Ontario), full sun, partial sun/shade, fall foliage	Medium (7.5m-14m)	More than 30
CC	1	<i>Carpinus caroliniana</i>	Musclewood	8,000	50	-	W.B.	native (Ontario), partial sun/shade, full sun, attracts birds, fall foliage	Medium (7.5m-14m)	More than 30
CP	3	<i>Catalpa speciosa</i>	Northern Catalpa	8,000	50	-	W.B.	native (Ontario)	Medium (7.5m-14m)	More than 30
JN	3	<i>Juglans nigra</i>	Black Walnut	10,000 Min.	50	-	W.B.	native (Ontario), salt tolerant, drought tolerant, full sun, edible fruit, fall foliage	Large (14m or higher)	More than 30
OV	5	<i>Ostrya virginiana</i>	Ironwood	8,000	50	-	W.B.	native (Ontario), drought tolerant, full sun, partial sun/shade, full shade, attracts birds, fall foliage	Medium (7.5m-14m)	More than 30
QM	2	<i>Quercus macrocarpa</i>	Bur Oak	8,000	50	-	W.B.	native (Ontario), drought tolerant, low maintenance, full sun, fall foliage	Medium (7.5m-14m)	More than 30
RP	4	<i>Robinia pseudoacacia</i>	Black Locust	8,000	50	-	W.B.	native (Ontario), drought tolerant	Medium (7.5m-14m)	More than 30
SA	4	<i>Sorbus americana</i>	American Mountainash	6,000 Min.	50	-	W.N.	native (Ontario)	Medium (7.5m-14m)	More than 30
TA	1	<i>Tilia americana</i>	Basswood	10,000 Min.	50	-	W.B.	native (Ontario), drought tolerant, full sun, partial sun/shade, attracts butterflies, fragrant	Large (14m or higher)	More than 30

CONIFEROUS TREES - REFER TO DETAIL 2/L2

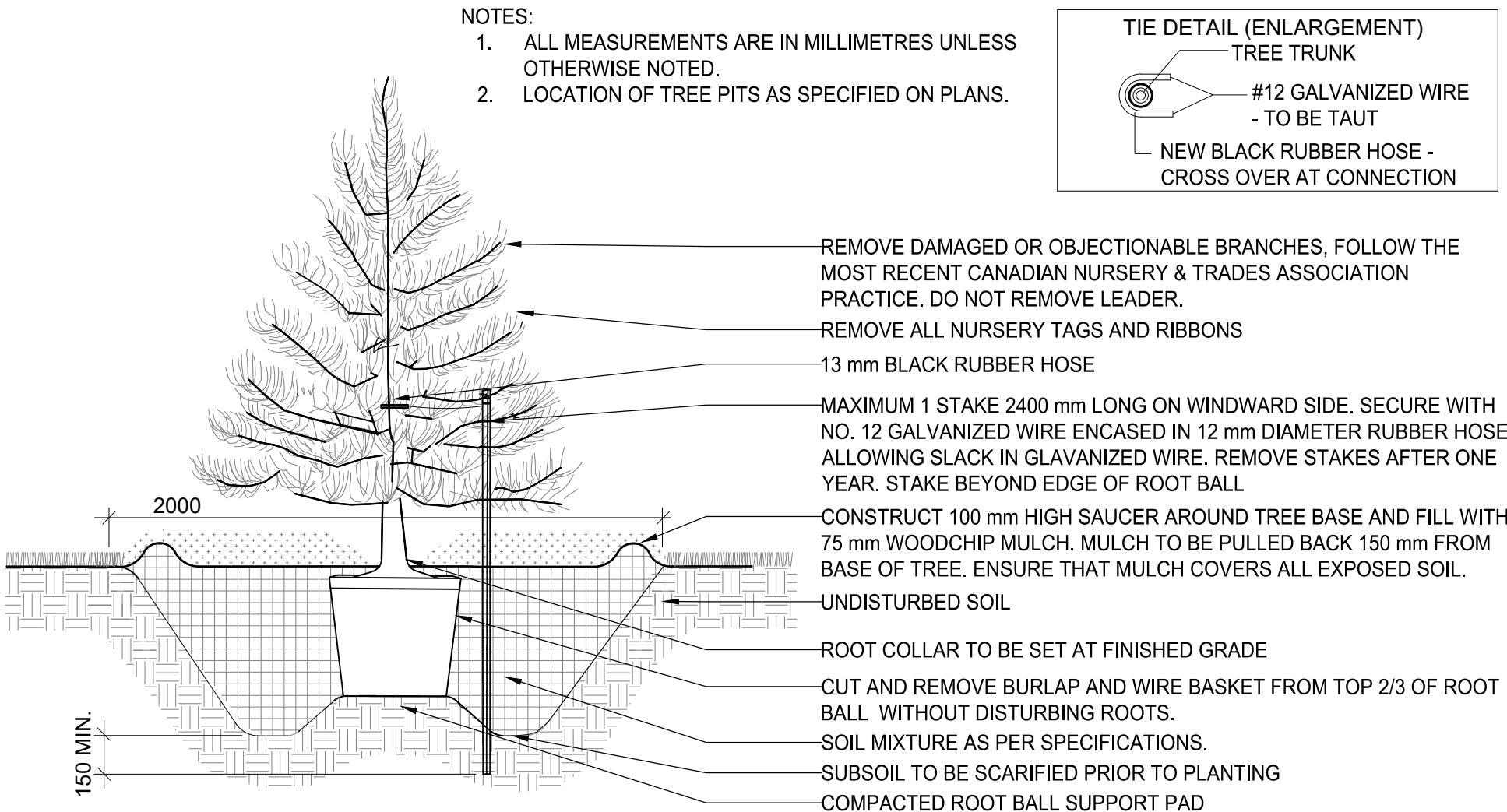
KEY	QTY	BOTANICAL NAME	COMMON NAME	SPACING (mm - O.C.)	CALIPER (mm)	HEIGHT (mm)	ROOT	DESCRIPTION / NOTES	MATURE HEIGHT	AVAILABLE SOIL VOLUME / TREE (m³)
LL	4	<i>Larix laricina</i>	Eastern larch	4,500 Min.	-	2000	W.B.	native (Ontario), full sun, fall foliage, low maintenance	Medium (7.5m-14m)	More than 30
TO	3	<i>Thuja occidentalis</i>	Eastern White Cedar	4,500 Min.	-	2000	W.B.	native (Ontario)	Large (14m or higher)	More than 30



1

DECIDUOUS TREE PLANTING DETAIL

N.T.S.



2

CONIFEROUS TREE PLANTING DETAIL

N.T.S.

LANDSCAPE NOTES

- REFER TO ENGINEERING DRAWINGS FOR PROPOSED GRADING, SITE SERVICING, AND FENCING LOCATION.
- REFER TO THE GEOTECHNICAL INVESTIGATION REPORT PREPARED BY HATCH AND DATED APRIL 2, 2025, FOR DETAILS ON SOILS. BOREHOLES INVESTIGATIONS HAVE BEEN COMPLETED IN THE FORESTED AREA OF THE PROPERTY ONLY. THERE ARE NO STRUCTURES AND BUILDINGS IN PROXIMITY OF NEW TREES AND AS SUCH THE 2017 TREE PLANTING IN SENSITIVE MARINE CLAY GUIDELINES ARE NOT APPLICABLE.
- 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 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.
- NO TREES SHALL BE PLANTED ON PROPERTY / LOT LINES OR WITHIN DRAINAGE EASEMENTS.
- NO TREES SHALL BE PLANTED UNDER OVERHEAD WIRES.
- 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.
- MAINTAIN A MINIMUM DISTANCE OF 4500mm BETWEEN TREE PLANTING AND ALL BUILDINGS.
- MAINTAIN A MINIMUM DISTANCE OF 4000mm BETWEEN TREE PLANTING AND ALL HYDRO TRANSFORMERS.
- MAINTAIN A MINIMUM DISTANCE OF 2000mm FROM THE ROAD CURB FOR DECIDUOUS TREES AND 5000mm FOR CONIFEROUS TREES.
- MAINTAIN A MINIMUM DISTANCE OF 2000mm BETWEEN TREE PLANTING AND FIRE HYDRANTS.
- MAINTAIN A MINIMUM DISTANCE OF 2500mm BETWEEN TREE PLANTING AND STREET LIGHTS.
- MAINTAIN A MINIMUM OF 2000mm BETWEEN DECIDUOUS TREE PLANTING AND SIDEWALKS, PATHWAYS, AND DRIVEWAYS.
- MAINTAIN A MINIMUM OF 4500mm BETWEEN CONIFEROUS TREE PLANTING AND SIDEWALKS, PATHWAYS, AND DRIVEWAYS.
- MINIMUM DISTANCE BETWEEN DECIDUOUS TREES SHOULD BE AS FOLLOWS:
 - 7.5m FOR LARGE GROWING TREES
 - 4m FOR SMALL GROWING TREES
- THE LANDSCAPE ARCHITECT MAY ADJUST THE LOCATION OF PLANTING PRIOR TO PLANTING TO MINIMIZE CONFLICTS WITH UTILITIES, DRIVEWAYS AND INTERSECTION VISIBILITY.
- CONTRACTOR SHALL SUPPLY ALL MATERIALS IN QUANTITIES SUFFICIENT TO COMPLETE WORK SHOWN ON THESE DRAWINGS. ANY DISCREPANCIES SHALL BE REPORTED TO THE LANDSCAPE ARCHITECT FOR DIRECTION.
- DO NOT MAKE SUBSTITUTIONS OF MATERIALS, PRODUCTS OR QUANTITIES WITHOUT PRIOR WRITTEN PERMISSION OF THE LANDSCAPE ARCHITECT.
- PLANT MATERIAL QUALITY STANDARDS:
 - ALL PLANT MATERIAL TO CONFORM TO THE CANADIAN NURSERY TRADES ASSOCIATION AND THE CANADIAN STANDARDS FOR NURSERY STOCK AS TO SPECIES, SIZE AND CONDITION.
 - PLANT MATERIAL COLLECTED FROM WILD SOURCES ARE NOT ACCEPTABLE.
 - 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.
 - 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.
- THE CONTRACTOR TO MAKE GOOD TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT ANY AREAS DAMAGED BY THE WORK.
- 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.
- PRUNING - TO SUIT SPECIES - PRUNE BRANCHES BY 1/3 TO REMOVE DAMAGED OR OBJECTIONABLE BRANCHES FOLLOWING PROPER HORTICULTURAL PRACTICE. DO NOT PRUNE LEADERS.
- UPON THE COMPLETION OF WORK EACH DAY, REMOVE ALL DEBRIS, GARBAGE AND SURPLUS MATERIALS FROM THE SITE. KEEP THE SITE CLEAN AND USEABLE AT ALL TIMES.
- ALL WORKMANSHIP AND MATERIALS (INCLUDING PLANTS) TO BE GUARANTEED FOR ONE FULL YEAR FOLLOWING FINAL ACCEPTANCE OF THE PROJECT BY THE LANDSCAPE ARCHITECT.
- THE CONTRACTOR SHALL REMOVE ALL TREE STAKES AND TREE SUPPORTS PRIOR TO ASSUMPTION BY THE OWNER.
- AT THE TIME OF INSPECTION FOR ACCEPTANCE ALL TREE PITS SHALL BE CULTIVATED, FREE OF 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.
- MATERIAL PLANTED IN GROUP SHALL BE SET IN CONTINUOUS PLANTING BEDS.
- CENTRE LINE OF SHRUBS SHALL NOT BE CLOSER THAN 2.4M FROM BUILDING FACE TO PROTECT BUILDING FOOTINGS AND INSULATION.
- PRUNING - TO SUIT SPECIES - PRUNE BRANCHES BY 1/3 TO REMOVE DAMAGED OR OBJECTIONABLE BRANCHES FOLLOWING PROPER HORTICULTURAL PRACTICE. DO NOT PRUNE LEADERS.
- FIRMLY COMPACT BACKFILLED PLANTING MIXTURE TO ELIMINATE AIR POCKETS OR PREVENT SETTLEMENT.
- TOPSOIL:
 - SOIL TEXTURE BASED ON THE CANADIAN SYSTEM OF SOIL CLASSIFICATION TO CONSIST OF:
 - CLAY: 14-20%
 - SILT: 0-35%
 - SAND: 45-70%
 - ORGANIC MATERIAL: 4-10%
 - PH: 6-8
 - SPREAD TOPSOIL TO FOLLOWING MINIMUM DEPTHS AFTER SETTLEMENTS UNLESS OTHERWISE NOTED ON DETAILS:
 - 300MM FOR PERENNIALS
 - 500MM FOR SHRUB BEDS
 - 1000MM FOR TREE PLANTING
- MULCH:
 - MULCH SHALL BE SHREDDED WOOD VARYING IN SIZE FROM 25-125MM IN LENGTH FROM CONIFEROUS TREES.

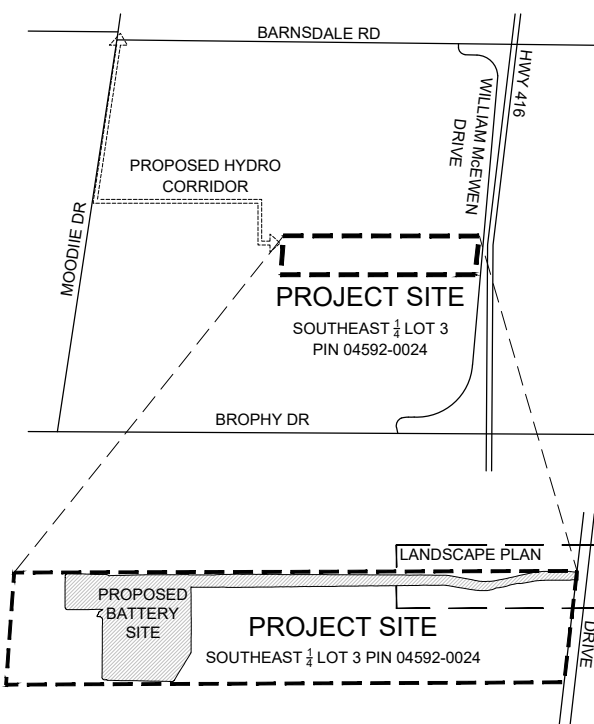


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Key Plan



Legend

Notes

2	ISSUED FOR CITY REVIEW	BL	ILL
1	ISSUED FOR SITE PLAN REVIEW	TA/BL	ILL
Revision		By	Appd.

File Name:	XR-160402099-L-Planting.dwg	BL	ILL	BL	25.05.07
		Dwn.	Chkd.	Dsgn.	YY.MM.DD

Permit-Seal

Client/Project

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TRAIL ROAD BESS
4186 WILLIAM MCEWEN DR, OTTAWA

Title

LANDSCAPE DETAILS & NOTES

Project No.	Scale
160402099	AS NOTED
Drawing No.	Sheet
	Revision

L2

2 of 2

1