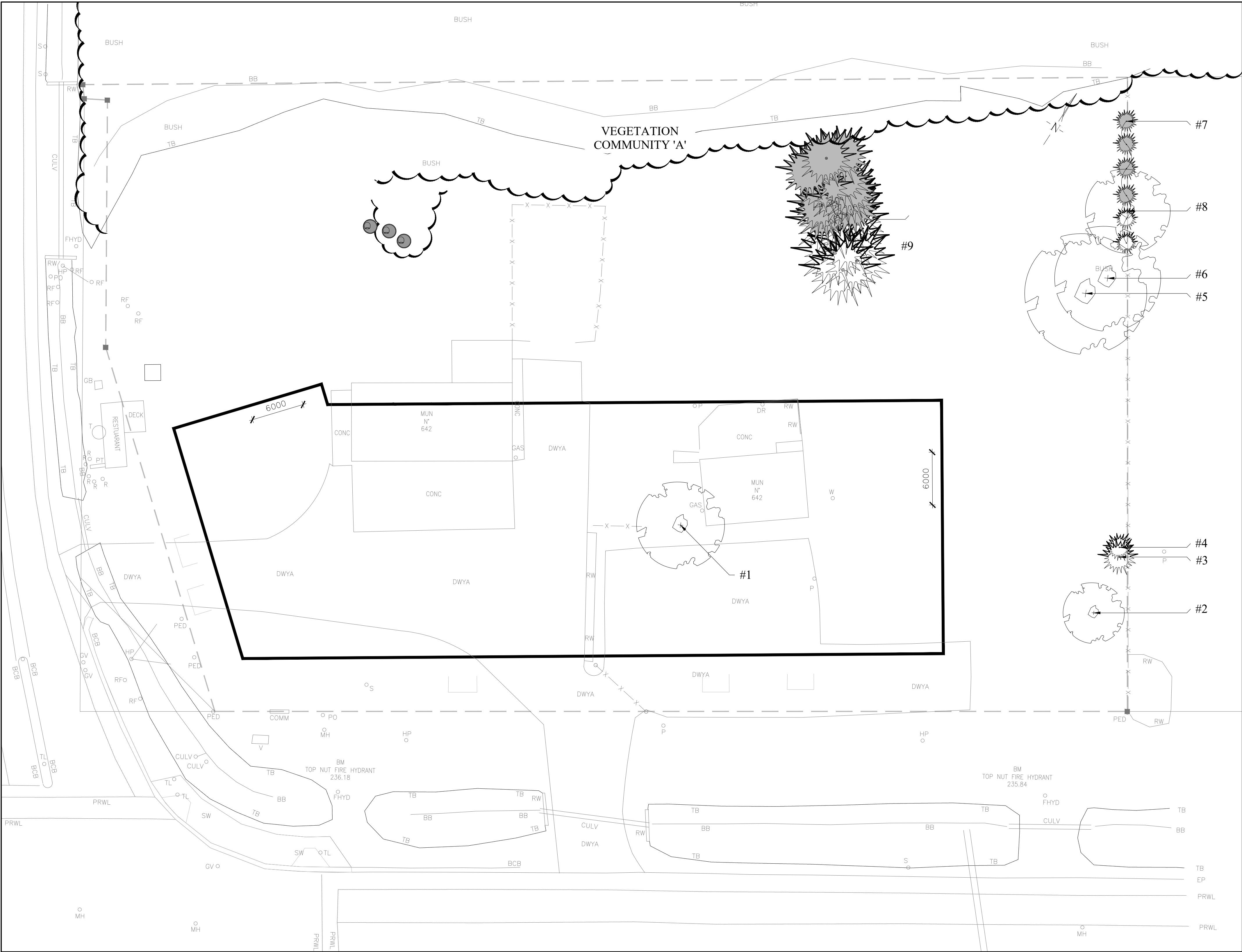


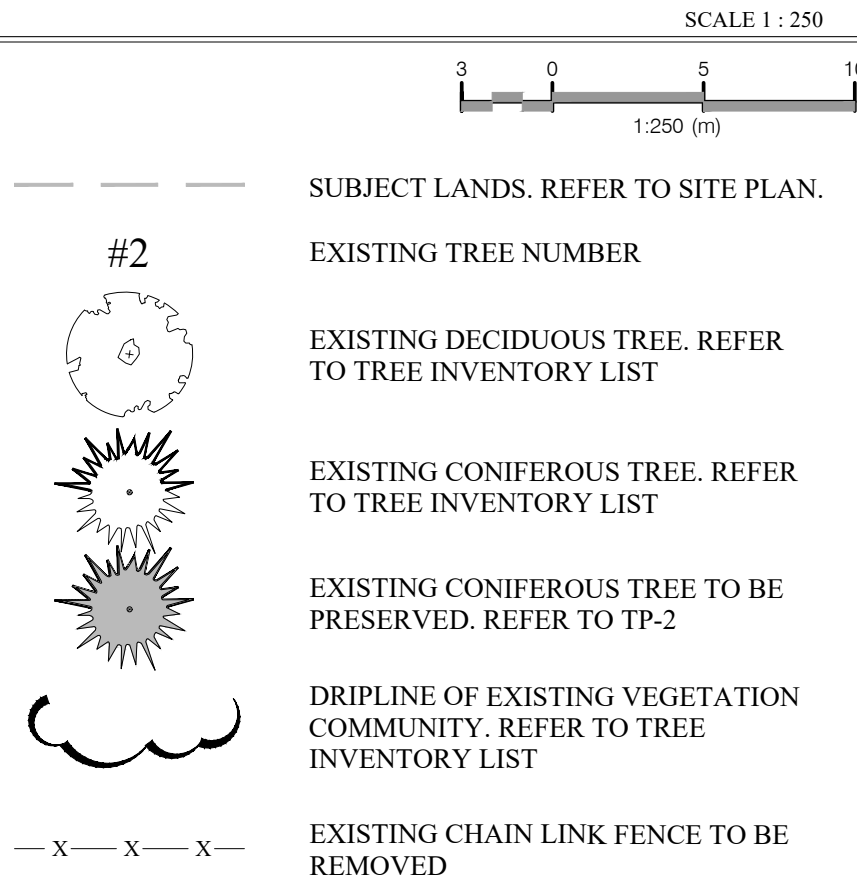


TREE INVENTORY PLAN

TREE INVENTORY											
Tree #	Nr. of Trees	Botanical Name	Common name	DBH	Height	Crown Ø (m)	Maturity	Health conditions		Location	Notes
1	1	<i>Acer negundo</i>	Manitoba maple	58	8	10	Mature	Fair/Poor		On site	Broken limbs & trunk cavity
2	1	<i>Acer negundo</i>	Manitoba maple	16+12+13+21+18	8	7	Mature	Poor	Multi-stem	On site	Vines & borer holes
3	1	<i>Pinus strobus</i>	eastern white pine	20	10	4	Immature	Poor		0.9m to PL	Vines & dieback
4	1	<i>Pinus strobus</i>	eastern white pine	16	8	3	Immature	Poor		0.9m to PL	Vines & dieback
5	1	<i>Acer rubrum</i>	red maple	46	14	14	Mature	Fair		On site	
6	1	<i>Acer rubrum</i>	red maple	66	16	12	Mature	Fair		1m to PL	
7	6	<i>Picea glauca</i>	white spruce	≤25	≤12	2	Mature	Poor		Inside fence/PL	
8	1	<i>Acer negundo</i>	Manitoba maple	38+15	10	10	Mature	Poor	Multi-stem	On PL	witches broom growth & growing through fence
9	6	<i>Pinus strobus</i>	eastern white pine	≤25	12	8	Mature	Fair	Overcrowded grouping	On site	Vines
	12	<i>Picea pungens</i>	Colorado spruce	≤25	10	6	Mature	Fair/Poor	Overcrowded grouping	Onsite	Vines

TREE INVENTORY/VEGETATION COMMUNITIES									
Tree group #	Canopy cover. %	Species	Freq	DBH	Height	Crown Ø (m)	Maturity	Health conditions	
			%	cm	m				
A	90	<i>Acer negundo</i>	25	≤ 50	≤ 18	+/- 10	Uneven aged	Fair	
		<i>Acer rubrum</i>	60						
		<i>Acer sacharinum</i>	15						

DRIPLINE SURVEYED BY OLS. REFER TO SURVEY BY DEMTech



LEGEND



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 J.D.B. 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 REQUIRED INSPECTIONS AND SIGN OFFS.

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

No.	REVISION	DATE	APRVD.
1.	SPA SUBMISSION	MARCH 18, 2022	MC
2.	SPA SUBMISSION	MARCH 14, 2023	SIT
3.	SPA SUBMISSION	OCTOBER 16, 2024	SIT

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THIS DRAWING IS NOT TO BE SCALED.

BASE INFORMATION PROVIDED BY:
N ARCHITECTURE INC.
9126 LESLIE STREET, SUITE 208
RICHMOND HILL, ONTARIO, L4B 1P9
PHONE: (416) 303-4821

BASE PLAN REVISED: FEBRUARY 4, 2022

CLIENT INFO:
2507517 ONTARIO INC

LANDSCAPE ARCHITECTS STAMP
2507517 ONTARIO INC

JDB ASSOCIATES LTD.

Urban Designers
Landscape Architects
Arborists

274 Burton Ave., Suite 1201
Barrie, Ontario
L4N 5W4

Fax: 705-722-5660
Tel: 705-722-6278

642 Dunlop Street West
PART OF LOT 25 CONCESSION 7
(GEOGRAPHIC TOWNSHIP OF VESPREA)
City of Barrie

TREE INVENTORY PLAN

SCALE: 1:250	DATE: March 2022	DESIGNED BY: MC	REVIEWED BY: NB
CITY FILE No. D11-4015-2022	OUR FILE REF. # 5-22	DRAWN BY: MC	TP-1



TREE REMOVAL / PRESERVATION PLAN

SCALE 1 : 250

TREE INVENTORY												
Tree #	Nr. of Trees	Botanical Name	Common name	DBH	Height	Crown Ø (m)	Maturity	Health conditions		Location	Notes	Recommendation Action
1	1	<i>Acer negundo</i>	Manitoba maple	58	8	10	Mature	Fair/Poor		On site	Broken limbs & trunk cavity	Remove
2	1	<i>Acer negundo</i>	Manitoba maple	10+12+13+21+16	8	7	Mature	Poor	Mult-stem	On site	Vines & borer holes	Remove
3	1	<i>Pinus strobus</i>	eastern white pine	20	10	4	Immature	Poor		0.9m to PL	Vines & dieback	Remove
4	1	<i>Pinus strobus</i>	eastern white pine	16	8	3	Immature	Poor		0.9m to PL	Vines & dieback	Remove
5	1	<i>Acer rubrum</i>	red maple	46	14	14	Mature	Fair		On site		Remove
6	1	<i>Acer rubrum</i>	red maple	66	16	12	Mature	Fair		1m to PL		Remove
7	6	<i>Picea glauca</i>	white spruce	≤25	≤12	2	Mature	Poor		Inside fence/PL		2 Remove, 4 Preserved
8	1	<i>Acer negundo</i>	Manitoba maple	38+15	10	10	Mature	Poor	Mult-stem	On PL	witches broom growth & growing through fence	Remove
9	6	<i>Pinus strobus</i>	eastern white pine	≤25	12	8	Mature	Fair	Overcrowded grouping	On site	Vines	Remove
	12	<i>Picea pungens</i>	Colorado spruce	≤25	10	6	Mature	Fair/Poor	Overcrowded grouping	Onsite	Vines	Preserve in 5m setback area

TREE INVENTORY/VEGETATION COMMUNITIES										
Tree group #	Canopy cover, %	Species	Freq.	DBH	Height	Crown Ø (m)	Maturity	Health conditions	Recommended Action	
			%	cm	m					
A	90	<i>Acer negundo</i>	25	≤ 50	≤ 18	+/- 10	Uneven aged	Fair	Preserve	
		<i>Acer rubrum</i>	60							
		<i>Acer saccharinum</i>	15							

LETTER OF CONSENT TO BE PROVIDED FROM ADJACENT LAND OWNER FOR THE REMOVAL OF BOUNDARY TREE #8

ECOLOGICAL OFFSETTING:
16 NATIVE TREES X \$500 = \$8,000

#2

EXISTING TREE NUMBER

EXISTING TREES ON SITE TO BE PRESERVED. REFER TO INVENTORY LIST ON THIS PAGE

EXISTING TREES ON SITE TO BE REMOVED. REFER TO INVENTORY LIST ON THIS PAGE

TREE PRESERVATION FENCE. REFER TO DETAILS ON TP-3

TREE PRESERVATION ZONE. REFER TO DETAILS ON TP-3

PLANT MATERIAL TO BE REMOVED -- INDICATES THAT ANY AND ALL VEGETATION WITHIN THESE AREAS MAY BE REMOVED.

LEGEND



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No.	REVISION	DATE	APRVD.
1.	SPA SUBMISSION	MARCH 18, 2022	MC
2.	SPA SUBMISSION	MARCH 14, 2023	ST
3.	SPA SUBMISSION	OCTOBER 16, 2024	ST

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BASE INFORMATION PROVIDED BY:
N ARCHITECTURE INC.
9120 LESLIE STREET, SUITE 208
RICHMOND HILL, ONTARIO L4B 1P9
PHONE: (416) 303-4821
BASE PLAN REVISED: FEBRUARY 4, 2022

CLIENT INFO:
2807517 ONTARIO INC

LANDSCAPE ARCHITECTS STAMP
STAMP AND SIGNATURE MUST BE REPRODUCED EXACT

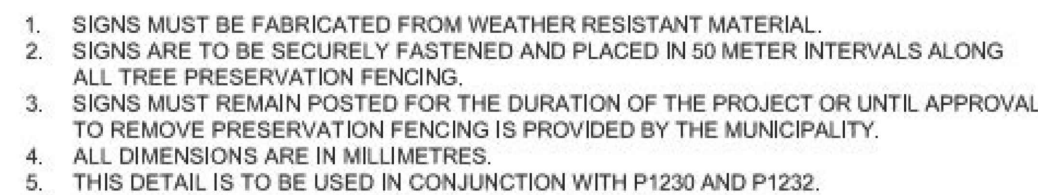
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642 Dunlop Street West
PART OF LOT 25 CONCESSION 7
(GEOGRAPHIC TOWNSHIP OF VESPRA)
City of Barrie

TREE REMOVAL / PRESERVATION PLAN

SCALE: 1:250	DATE: March 2022	DESIGNED BY: MC	REVIEWED BY: NB
CITY FILE No. D11-015-2022	OUR FILE REF. # 5-22	DRAWN BY: MC	TP-2



1200

2400

CEDAR FENCE POST TO BE PLACED AT EACH TERMINUS OR CHANGE OF DIRECTION, POSTS ARE TO BE DIRECT BURIED WITH A MINIMUM 1000 EMBEDMENT

NOTE: CEDAR POSTS ARE REQUIRED WHERE FENCE LENGTHS EXCEED 150 LINEAR METERS AND ARE NOT REQUIRED WITHIN THE MUNICIPAL BOULEVARDS

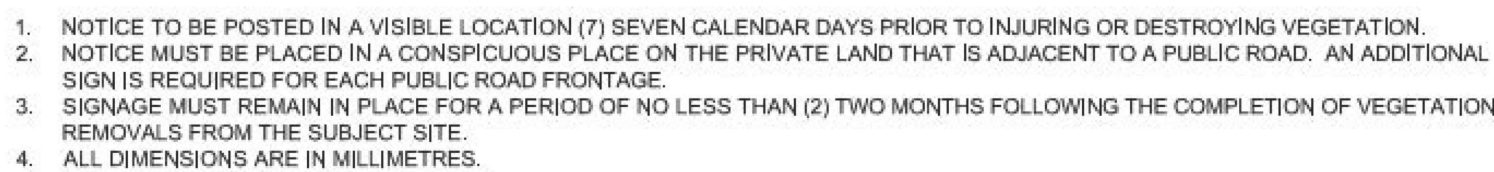
NOTE: FENCE MUST BE TENSIONED AND SECURED BACK ON ITSELF WITH A SINGLE WRAP AROUND THE TERMINAL POST

150mm (0'-6") PAGE WIRE FENCING

50 x 50 x 1800 STEEL "T" BAR POSTS SPACED 2400 ON CENTRE, TOP 200mm TO BE PAINTED WITH FLORESCENT YELLOW OR ORANGE PAINT

TREE PRESERVATION NOTIFICATION SIGNAGE PLACED ALONG LENGTH OF FENCE AT 50 METER INTERVALS, REFER TO DETAIL P1231

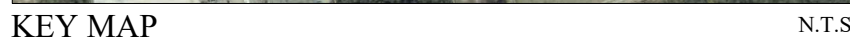
1. THIS DETAIL IS USED IN CONJUNCTION WITH P1233.
2. PAGE WIRE FENCE TO BE ATTACHED TO CEDAR RAIL POSTS WITH 'U' SHAPED GALVANIZED NAILS ON EACH HORIZONTAL STRAND.
3. USE A MINIMUM OF FOUR (4) 100MM, 16 GAUGE GALVANIZED T-POST CLIPS TO ATTACH PAGE WIRE FENCE TO EACH "T" BAR POST.
4. "T" BARS ARE TO BE DRIVEN INTO THE GROUND TO A MINIMUM DEPTH OF 600MM.
5. ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED.
6. THIS DETAIL TO BE USED IN CONJUNCTION WITH P1230, P1231, P1234 AND P1235.



1. THE DRIP LINE IS MEASURED FROM THE OUTER MOST LIMIT OF BRANCHING WITHIN THE CROWN OF THE TREE. THE FURTHEST DISTANCE SHALL APPLY TO THE ENTIRE PERIMETER OF THE CROWN.
2. WHEN CONSTRUCTION AND/OR REMOVALS ARE LIMITED TO ONE SIDE OF A TREE AND/OR GROUP OF TREES THE LIMIT OF PRESERVATIONS SHALL BE DETERMINED BY THE DRIP LINE. IN THE EVENT THAT INDIVIDUAL TREES ARE BEING PRESERVED WHERE MORE THAN 1/3 OF THE ROOT ZONE WILL BE DISTURBED THE LIMIT OF PRESERVATION SHALL BE 1.5 TO 2 TIMES THE LIMIT OF CANOPY OR AS DIRECTED BY THE CITY OF BARRIE.
3. PRESERVATION FENCING IS TO BE INSTALLED AS PER BSO-1232. THE APPLICATION OF FILTER FABRIC IS ONLY REQUIRED WHEN FENCING DOUBLES AS SILTATION CONTROL AS PER P1233.
4. NOTICE OF REMOVAL SIGNAGE IS TO BE PLACED AT 50m INTERVALS AS PER P1230.
5. THERE IS TO BE NO GRADING, CONSTRUCTION OF SWALES, CATCH BASINS OR OTHER DRAINAGE CONTROLS PLACED WITHIN THE LIMIT OF PRESERVATION.
6. WITHIN THE DEFINED LIMIT OF PRESERVATION THERE WILL BE:
 - NO CHANGE OF ALTERATION TO EXISTING GRADES
 - NO TRENCING
 - NO REMOVAL OF UNDER STORY VEGETATION
 - NO ADDITION OF FILL OF EXCAVATIONS
 - NO STORAGE OF MATERIALS OR EQUIPMENT
 - NO DISPOSAL OF ANY LIQUIDS I.e. GAS, PAINT, OIL.
 - NO INTRUSION BY VEHICLES OR EQUIPMENT
 - NO INTRUSION BY PEDESTRIANS
 - NO MANHOLES OR OTHER INFRASTRUCTURE INCLUDING UTILITIES.
7. THE LOCATION OF THE PROPERTY LIMIT IS NOT SHOWN IN THIS DETAIL AS IT IS NOT RELEVANT TO THE ESTABLISHMENT OF PRESERVATION LIMITS OR ASSOCIATED SETBACK REQUIREMENTS.

NOTE:
NO TREE CUTTING SHALL OCCUR BETWEEN APRIL 1ST AND OCTOBER 31ST
UNLESS CLEARANCE FROM M.N.R. AND M.E.C.P. IS PROVIDED.

- ## TREE PRESERVATION PROCESS



THIS DRAWING IS NOT TO BE SCALED



CLIENT INFO:
2507517 ONTARIO INC



Fax: 705-722-5660
Tel: 705-722-6274

City of Barrie

TREE PRESERVATION DETAILS

SCALE: NTS	DATE: March 2022	DESIGNED BY: MC	REVIEWED BY: NB
CITY FILE No. D11-015-2022	OUR FILE REF. # 5-22	DRAWN BY: MC	TP-3



N.T.S.

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

WETLAND BUFFER PLANTING PLAN

DECIDUOUS SHRUBS								
Popu	15	COMMON NINEBARK	<i>Physocarpus opulifolius</i>	60 cm	3 gal	1.8m o/c	P1314	Full form / Container grown
Hlp	50	SHRUBBY ST. JOHN'S WORT	<i>Hypericum prolificum</i>	50cm	3 gal	1.0 m o/c	P1314	Full form / Container grown
Iv	25	WINTERBERRY	<i>Ilex verticillata</i>	50cm	3 gal	2.0 m o/c	P1314	Full form / Container grown
Rp	50	SWAMP ROSE	<i>Rosa palustris</i>	50cm	3 gal	1.5 m o/c	P1314	Full form / Container grown
Sa	31	MEADOW-SWEET	<i>Spiraea alba</i>	50cm	3 gal	1.5 m o/c	P1314	Full form / Container grown

1.5m CHAIN LINK
FENCE. P1210 ON LD-4

RECOMMENDED PLANTING TIME:
WILDFLOWERS: SPRING.

ECOBANKET SPECIFICATIONS AND DETAIL



