

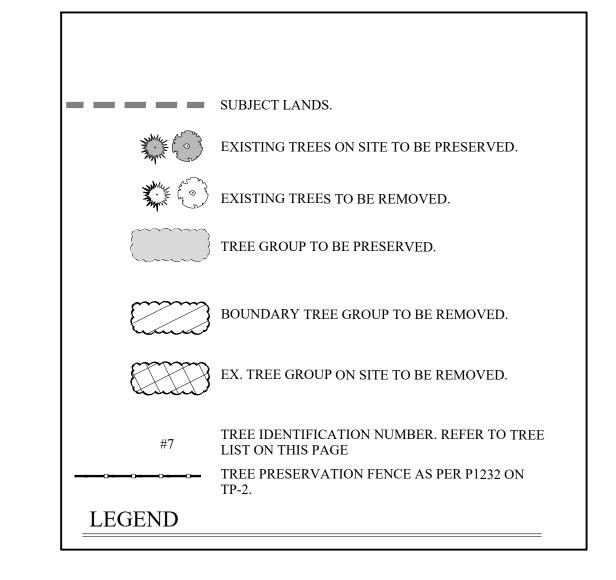
Tree group #	Canopy cover. %	Species	Common Name	Freq.	DВН	Height	Сапору	Maturity	Health conditions	Location	
983	99	Picea glauca	White Spruce	30	12	7	8	Mature	Good	hedge, with immature willow	
		Acer saccharum	Sugar Maple	40						on the weast	
984	99	Tilia americana	Basswood	20	<u>+</u> 40	12	8	Mature	Fair-poor		
		Populus tremuloides	Trembling Aspen	39	<10			Immature	Fair	hedge at the eastern limit o he forest	
		Fraxinus americana	White Ash	-					dead		
	80	Tilia americana	Basswood	40	≤40	15	10	Mature	Fair dead		
		Acer saccharum	Sugar Maple	20							
985		Ostrya virginiana	Ironwood	10						hedge	
		Quercus rubra	Red Oak	10							
		Fraxinus americana	White Ash	-							
	90	Acer saccharum	Sugar Maple	50	<u>±</u> 40	12	8	Mature	Fair	hedge	
		Tilia americana	Basswood	30							
		Ulmus americana	White Elm	5							
986-987		Manitoba Maple	White Elm	<5							
		Prunus serotina	Black Cherry	<5							
		Sorbus decora	Mountain-Ash	<5							
	85	Acer saccharum	Sugar Maple	40	<u>±</u> 40	18	10	Mature	Fair	edge of the forest	
000 000		Tilia americana	Basswood	40							
988-989		Acer negundo	Manitoba Maple	<5							
		Prunus serotina	Black Cherry	<5							
990	-	Acer saccharum	Sugar Maple	-	130	18	10	Mature	Fair	5m inside the forest	
991-992	85	Populus tremuloides	Trembling Aspen	<40	<u>±</u> 40	14	8	Mature	Fair	edge of the forest	
		Tilia americana	Basswood	10							
993-994	85	Pinus sylvestris	Scots Pine	85	35	14	7	Mature	Fair	edge of the forest	
		Populus tremuloides	Trembling Aspen	85		<8	<u>±</u> 5	Mature	Fair	Southern edge of the forest	
995	90	Pinus strobus	White Pine	<5	<u>+25</u>						
223		Thuja occidentalis	Eastern White Cedar		123					Southern edge of the forest	

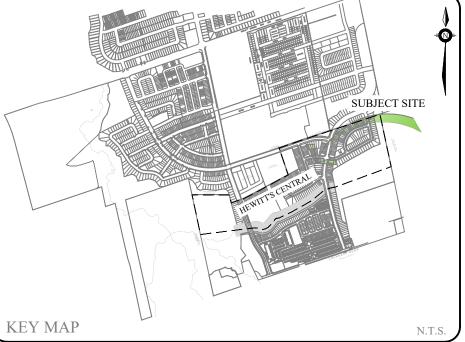
Tree	Canopy	Consider	Freq.	DBH	Height	C.,	3.5	Health
group #	cover. %	Species	9/0	cm	m	Crown Ø (m)	Maturity	conditions
		Thuja occidentalis	40					
		Populus tremuloides	20					
_	85	Fraxinus americana	20	<10	~1.5	110		fair
5	85	Acer saccharum	10	- ≤40	≤15	<u>+</u> 10	Uneven aged	Tair
		Tilia americana	5					
		Betula papyrifera	5					
		Fraxinus americana	40					
6	50	Acer saccharum	40	≥10	≤15	<u>+</u> 8	Mature	fair

Tilia americana 20

Malus communis Apple sp. <5

NO ENDANGERED SPECIES OF TREES HAVE BEEN IDENTIFIED ON THE SUBJECT LANDS.





## 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

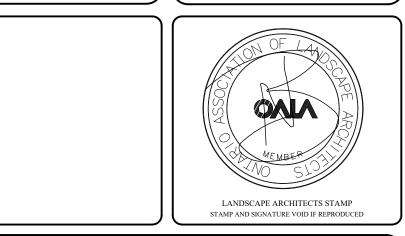
No.	REVISION	DATE	APRVD.
1.	CLIENT REVIEW	December 12, 2023	StT
2.	REVISED AS PER CITY COMMENTS	July 15, 2024	StT
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JDB associates Ltd. Urban Designers Landscape Architects

Arborists274 Burton Ave., Suite 1201 Barrie, Ontario L4N 5W4

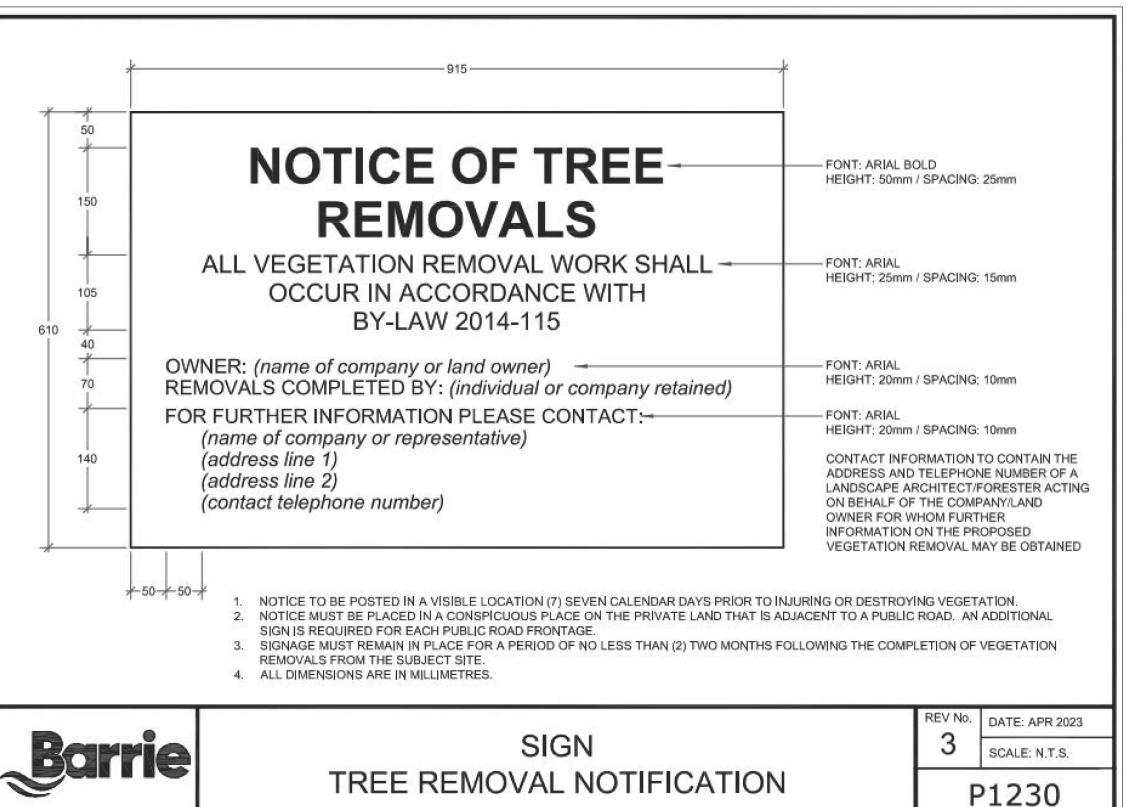
Fax: 705-722-5660 Tel: 705-722-6278 Hewitt's Central

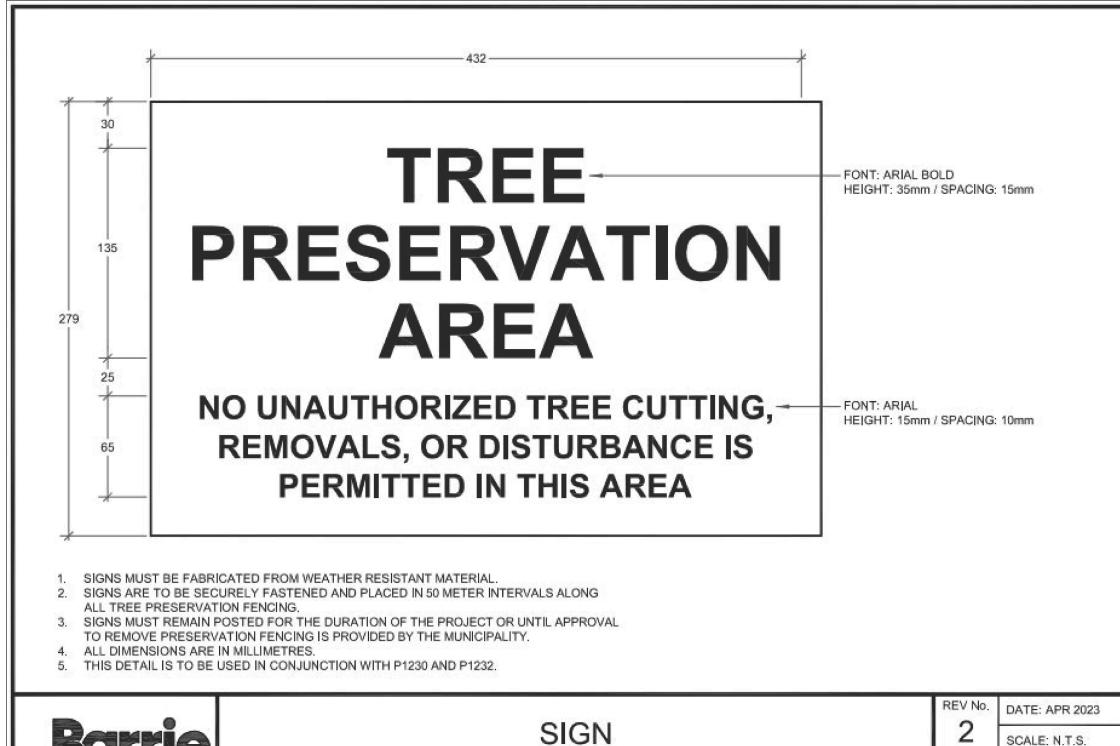
Draft Plan of Subdivision PART 1, PLAN 51R - 39932, PART 1, PLAN 51R - 39092 PART 4, PLAN 51R - 39092

City of Barrie

TREE INVENTORY/PRESERVATION PLAN

SCALE:	DESIGNED BY:	REVIEWED BY:
1/1500	StT	NB
CITY FILE No.	OUR FILE REF. # 23-23	TP-1

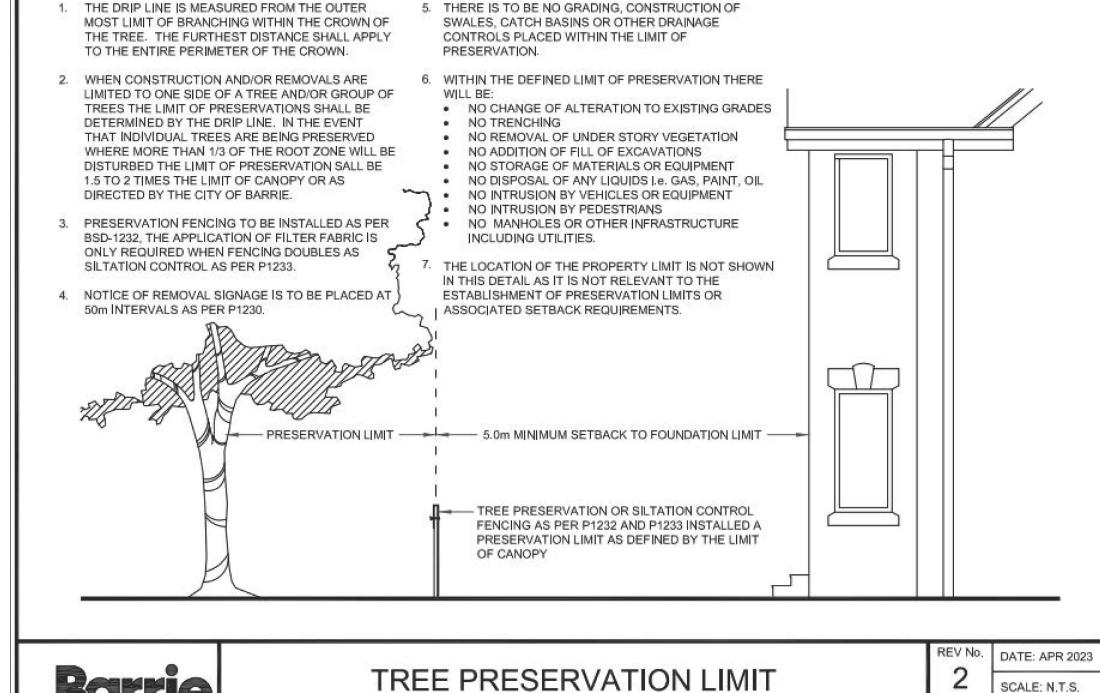




TREE PRESERVATION AREA

CEDAR FENCE POST TO BE PLACED AT EACH TERMINUS OR CHANGE OF DIRECTION, POSTS ARE TO BE DIRECT BURIED WITH A MINIMUM 1000 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 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 THIS DETAIL IS USED IN CONJUNCTION WITH P1233. PAGE WIRE FENCE TO BE ATTACHED TO CEDAR RAIL POSTS WITH 'U' SHAPED GALVANIZED NAILS ON EACH HORIZONTAL STRAND. USE A MINIMUM OF FOUR (4) 100MM. 16 GAUGE GALVANIZED T-POST CLIPS TO ATTACH PAGE WIRE FENCE TO EACH 'T' BAR POST. "T' BARS ARE TO BE DRIVEN INTO THE GROUND TO A MINIMUM DEPTH OF 600mm. ALL MEASUREMENTS ARE IN MILLIMETRES UNLESS OTHERWISE NOTED. THIS DETAIL TO BE USED IN CONJUNCTION WITH P1230, P1231, P1234 AND P1235. REV No. | DATE: APR 2023 **FENCE** SCALE: N.T.S.

TREE PRESERVATION



**DEVELOPMENT APPROVALS** 

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

P1232

THE INTENT OF TREE PRESERVATION AND PROTECTION IS TO PROVIDE AN INVENTORY OF EXISTING TREES ON SITE. IT IS NOT A SURVEY AND THEREFORE THE EXACT LOCATION OF EXISTING TREES MUST BE VERIFIED ON SITE PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION WORKS.

ALL TREES TO BE PRESERVED SHALL BE INDICATED AND MARKED AS SUCH ON SITE BY THE LANDSCAPE ARCHITECT PRIOR TO THE COMMENCING OF THE CLEARING AND GRUBBING CONTRACT.

AS PART OF THE CLEARING AND GRUBBING CONTRACTUAL WORK, TREES PRACTICES AND TO THE SATISFACTION OF THE CITY OF BARRIE UNDER THE DIRECT SUPERVISION OF THE LANDSCAPE ARCHITECT.

LANDSCAPE ARCHITECT AND CITY OF BARRIE. THE LAND OWNER SHALL BE RESPONSIBLE FOR THE REMOVAL AND OR DAMAGE AS OUTLINED IN BYLAW 2014-115, SECTION 15.

## SPECIFICATIONS FOR PRESERVATION & PROTECTION

P1231

SCALE: N.T.S.

P1235

PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION WORKS, ALL TREES OF BLOCKS OF TREES THAT HAVE BEEN DESIGNATED FOR PRESERVATION, AS INDICATED ON THE ACCOMPANYING PLAN SHALL BE FULLY PROTECTED BY THE ERECTION OF HOARDING OUTSIDE OF OR AT THE DRIP LINE (REFER TO BSD-1235).

EOUIPMENT OR VEHICLES SHALL NOT BE PARKED. REPAIRED OR REFUELED WITHIN TREE PROTECTION ZONE, CONSTRUCTION MATERIALS SHALL NOT BE STORED AND EARTH MATERIALS SHALL NOT BE STOCKPILED WITHIN THE DRIP LINE AREA OF ANY TREE NOT DESIGNATED FOR REMOVAL.

ANY TREES NOT DESIGNATED FOR REMOVAL SHALL NOT HAVE RIGGING CABLES ATTACHED OR WRAPPED AROUND THEM. NOR SHALL ANY CONTAMINANTS BE DUMPED WITHIN THE PROTECTIVE AREAS. FURTHER, NO CONTAMINANTS SHALL BE DUMPED OR FLUSHED WHERE THEY MAY COME INTO CONTACT WITH THE FEEDER ROOTS OF THE TREES TO BE PRESERVED.

THE CONTRACTOR OR LAND OWNER SHALL TAKE EVERY PRECAUTION TO PREVENT DAMAGE TO TREES OR SHRUBS THAT ARE NOT DESIGNATED FOR REMOVAL AS PER THE ACCOMPANYING PLAN.

UNLESS THE CONTRACT WORK SPECIFICALLY REQUIRES WORK WITHIN THE DRIP LINE OF TREES NOT DESIGNATED FOR REMOVAL, EQUIPMENT SHALL NOT BE OPERATED WITHIN THAT DRIP LINE AREA. WHEN CONTRACT WORK MUST BE COMPLETED WITHIN THE DRIP LINE OF TREES NOT DESIGNATED FOR REMOVAL OPERATION OF EQUIPMENT WITHIN THAT DRIP LINE SHALL BE KEPT TO THE MINIMUM AMOUNT REQUIRED TO COMPLETE THE WORKS. PRIOR TO THE COMMENCEMENT OF SUCH WORKS THE LANDSCAPE ARCHITECT AND CITY OF BARRIE MUST BE GIVEN WRITTEN NOTIFICATION AND WILL SUBSEQUENTLY BE REQUIRED TO INSPECT SAID WORKS.

THE CONTRACTOR'S OPERATION SHALL IN NO WAY CAUSE DAMAGE TO THE TRUNK OR BRANCHES OF TREES NOT DESIGNATED FOR REMOVAL.

THE CONTRACTOR'S OPERATION SHALL NOT CAUSE FLOODING OR SEDIMENT DEPOSITS IN AREAS WHERE TREES ARE NOT DESIGNATED FOR REMOVAL.

IN THE EVENT THAT IT IS NECESSARY TO REMOVE LIMBS OR PORTIONS OF TREES NOT DESIGNATED FOR REMOVAL WRITTEN APPROVAL AND DIRECTION MUST B GIVEN BY THE LANDSCAPE ARCHITECT AND CITY OF BARRIE PRIOR TO ANY WORKS. THE REMOVALS MUST BE EXECUTED CAREFULLY AND IN ACCORDANCE WITH STANDARD HORTICULTURAL PRACTICES AND TECHNIQUES.

IN THE EVENT THAT GRADES AROUND A TREE DESIGNATED FOR PRESERVATION ARE TO BE CHANGED, THE DEVELOPER, AGENT OR LAND OWNER SHALL BE REQUIRED TO TAKE PRECAUTIONS TO PRESERVE THE TREE, SUCH AS DRY WELLING AND ROOT FEEDING. THE PROTECTION MEASURES MUST BE DONE TO THE SATISFACTION OF THE LANDSCAPE ARCHITECT AND CITY OF BARRIE.

THE DEVELOPER SHALL BE RESPONSIBLE FOR THE MAINTENANCE AND/OR REMOVAL OF DEAD, DYING, DISEASED TREES WITHIN THE LIMIT OF THIS PLAN UNTIL END OF GENERAL MAINTENANCE.

1. PROTECTION AREA IS INITIALLY IDENTIFIED IN THE FIELD BY A LICENSED ONTARIO SURVEYOR. THIS LINE APPROXIMATELY ESTABLISHES THE LIMITS OF TREE PRESERVATION SUBJECT TO AN ON-SITE MEETING WITH CITY OF BARRIE PARKS PLANNING STAFF AND THE LANDSCAPE ARCHITECT/ARBORIST.

2. THE LANDSCAPE ARCHITECT/ARBORIST AND THE CITY OF BARRIE PARKS PLANNING STAFF MEET TO REVIEW THE SURVEYED LINE PRIOR TO ANY TREE REMOVAL OCCURRING, AND TO ADJUST THE LINE WHERE APPROPRIATE TO REFLECT THE ACTUAL NATURE OF A TREED AREA AS OPPOSED TO A STRAIGHT CUT LINE.

3. TREES THAT ARE SUSCEPTIBLE TO FALLING ONTO PRIVATE PROPERTY OR MUNICIPAL PROPERTY FROM WITHIN THE TREE PRESERVATION ZONE WILL BE IDENTIFIED FOR REMOVAL. REMOVAL WILL TAKE PLACE AS PRESCRIBED IN ITEM #6 BELOW.

4. ONCE THE SITE VISIT HAS CONCLUDED, THEN TREE PRESERVATION FENCING WILL BE ERECTED ALONG THE AGREED TREE PRESERVATION LINE.

5. FULL TREE REMOVAL OUTSIDE OF THE TREED AREAS MAY OCCUR ONCE THE PRESERVATION FENCING HAS BEEN ERECTED, TREE REMOVAL PERMIT ISSUED, AND SIGNAGE POSTED A MINIMUM OF 7 DAYS PRIOR TO COMMENCING TREE REMOVAL ACTIVITIES ON SITE (AS PER BY-LAW 2014-115).

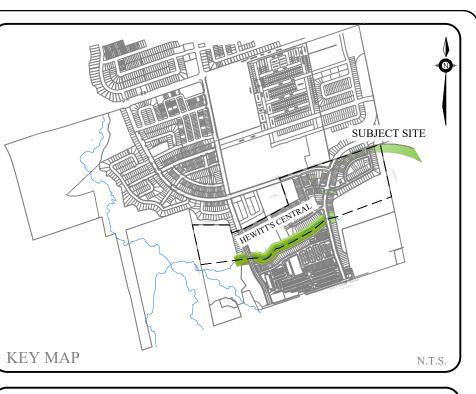
6. TREES ARE TO BE FELLED IN SUCH A MANNER AS TO NOT DISTURB VEGETATION TO REMAIN. NO MACHINERY OR EQUIPMENT SHALL BE OPERATED OR STORED WITHIN THE DRIPLINE OF PROTECTED TREES.

7. STUMP REMOVALS ARE TO BE IMPLEMENTED AS TO NOT TO DISTURB THE GROUND WITHIN THE TREE PRESERVATION ZONE.

8. ONCE TREE REMOVAL HAS OCCURRED, AND PRIOR TO THE ISSUANCE OF THE UNDERGROUND CERTIFICATE, A RE-INSPECTION OF THE TREE PRESERVATION AREAS MUST OCCUR WITH CITY OF BARRIE STAFF AND THE LANDSCAPE ARCHITECT/ARBORIST. ANY ADDITIONAL TREES TO BE REMOVED WILL BE NOTED BY THE CITY OF BARRIE PARKS PLANNING STAFF AND LANDSCAPE ARCHITECT/ ARBORIST.

9. ALL TREES ON ADJACENT PRIVATE LAND SHALL RECEIVE DRIPLINE PROTECTION.

NOTES FOR TREE PRESERVATION AND PROTECTION



## **GENERAL NOTES**

CONVENIENT TIME

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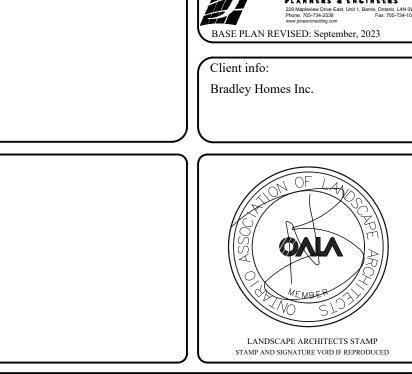
SCHEDULED MEETINGS SHALL TAKE PLACE AT THE CLOSEST MUTUALLY

No.	REVISION	DATE	APRVD
1.	CLIENT REVIEW	December 12, 2023	StT
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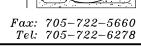
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JDB associates LTD.

Urban Designers Landscape Architects

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



Hewitt's Central Draft Plan of Subdivision PART 1, PLAN 51R - 39932, PART 1, PLAN 51R - 39092 PART 4, PLAN 51R - 39092

City of Barrie

TREE PRESERVATION DETAILS

SCALE: DESIGNED BY REVIEWED BY: CITY FILE No. OUR FILE REF. # TP-2