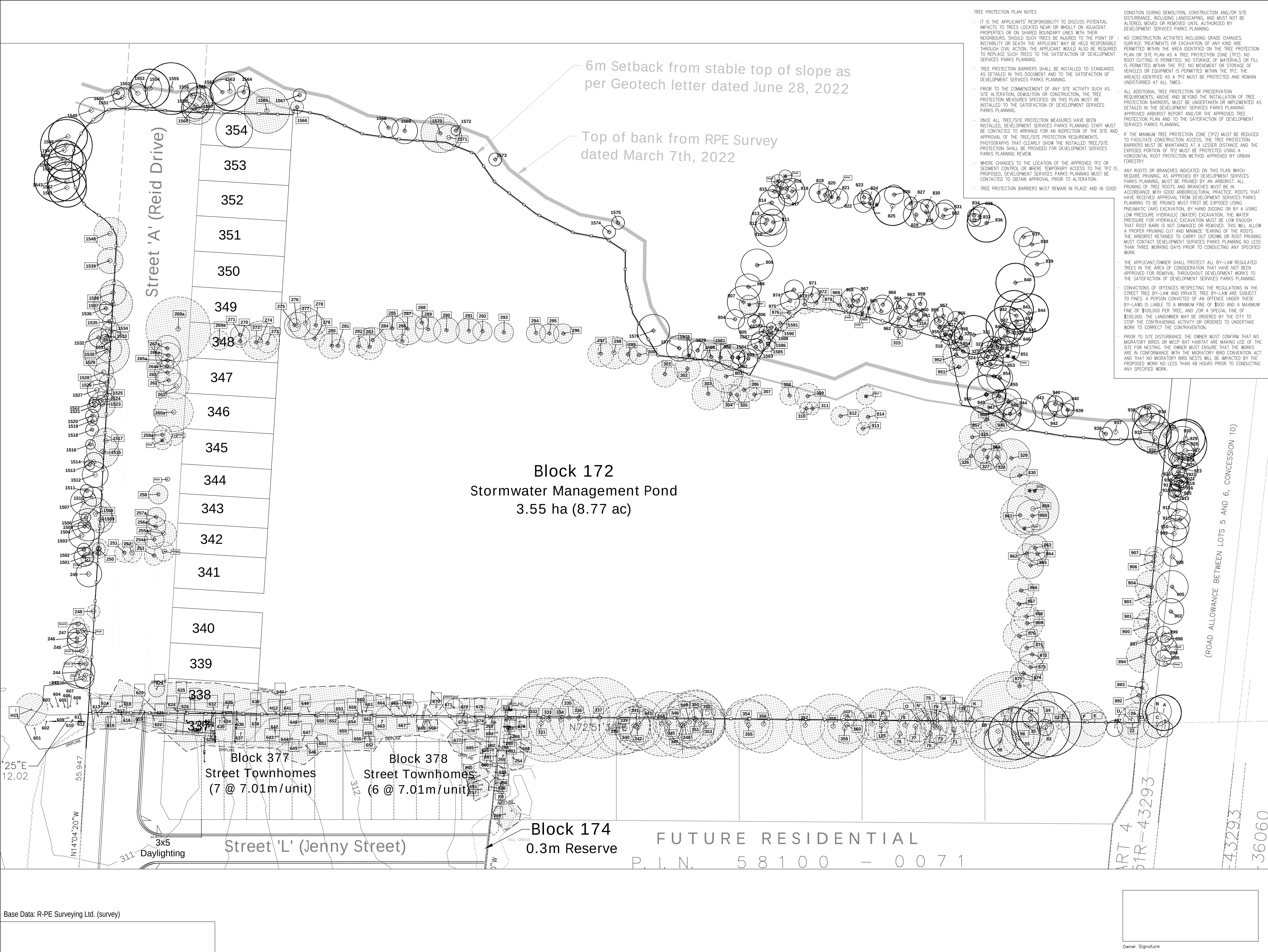




TREE PROTECTION PLAN NOTES

- IT IS THE APPLICANTS' RESPONSIBILITY TO DISCUSS POTENTIAL IMPACTS TO TREES LOCATED NEAR OR WHOLLY ON ADJACENT PROPERTIES OR ON SHARED BOUNDARY LINES WITH THEIR NEIGHBOURS. SHOULD SUCH TREES BE INJURED TO THE POINT OF INSTABILITY OR DEATH THE APPLICANT MAY BE HELD RESPONSIBLE THROUGH CIVIL ACTION. THE APPLICANT WOULD ALSO BE REQUIRED TO REPLACE SUCH TREES TO THE SATISFACTION OF DEVELOPMENT SERVICES PARKS PLANNING.
- TREE PROTECTION BARRIERS SHALL BE INSTALLED TO STANDARDS AS DETAILED IN THIS DOCUMENT AND TO THE SATISFACTION OF DEVELOPMENT SERVICES PARKS PLANNING.
- PRIOR TO THE COMMENCEMENT OF ANY SITE ACTIVITY SUCH AS SITE ALTERATION, DEMOLITION OR CONSTRUCTION, THE TREE PROTECTION MEASURES SPECIFIED ON THIS PLAN MUST BE INSTALLED TO THE SATISFACTION OF DEVELOPMENT SERVICES PARKS PLANNING.
- ONCE ALL TREE/SITE PROTECTION MEASURES HAVE BEEN INSTALLED, DEVELOPMENT SERVICES PARKS PLANNING STAFF MUST BE CONTACTED TO ARRANGE FOR AN INSPECTION OF THE SITE AND APPROVAL OF THE TREE/SITE PROTECTION REQUIREMENTS. PHOTOGRAPHS THAT CLEARLY SHOW THE INSTALLED TREE/SITE PROTECTION SHALL BE PROVIDED FOR DEVELOPMENT SERVICES PARKS PLANNING REVIEW.
- WHERE CHANGES TO THE LOCATION OF THE APPROVED TPZ OR SEDIMENT CONTROL, OR WHERE TEMPORARY ACCESS TO THE TPZ IS PROPOSED, DEVELOPMENT SERVICES PARKS PLANNING MUST BE CONTACTED TO OBTAIN APPROVAL PRIOR TO ALTERATION.
- TREE PROTECTION BARRIERS MUST REMAIN IN PLACE AND IN GOOD

CONDITION DURING DEMOLITION, CONSTRUCTION AND/OR SITE DISTURBANCE, INCLUDING LANDSCAPING, AND MUST NOT BE ALTERED, MOVED OR REMOVED UNTIL AUTHORIZED BY DEVELOPMENT SERVICES PARKS PLANNING.

NO CONSTRUCTION ACTIVITIES INCLUDING GRADE CHANGES, SURFACE TREATMENTS OR EXCAVATION OF ANY KIND ARE PERMITTED WITHIN THE AREA IDENTIFIED ON THE TREE PROTECTION PLAN OR SITE PLAN AS A TREE PROTECTION ZONE (TPZ). NO ROOT CUTTING IS PERMITTED. NO STORAGE OF MATERIALS OR FILL IS PERMITTED WITHIN THE TPZ. NO MOVEMENT OR STORAGE OF VEHICLES OR EQUIPMENT IS PERMITTED WITHIN THE TPZ. THE AREA(S) IDENTIFIED AS A TPZ MUST BE PROTECTED AND REMAIN UNDISTURBED AT ALL TIMES.

ALL ADDITIONAL TREE PROTECTION OR PRESERVATION REQUIREMENTS, ABOVE AND BEYOND THE INSTALLATION OF TREE PROTECTION BARRIERS, MUST BE UNDERTAKEN OR IMPLEMENTED AS DETAILED IN THE DEVELOPMENT SERVICES PARKS PLANNING APPROVED ARBORIST REPORT AND/OR THE APPROVED TREE PROTECTION PLAN AND TO THE SATISFACTION OF DEVELOPMENT SERVICES PARKS PLANNING.

IF THE MINIMUM TREE PROTECTION ZONE (TPZ) MUST BE REDUCED TO FACILITATE CONSTRUCTION ACCESS, THE TREE PROTECTION BARRIERS MUST BE MAINTAINED AT A LESSER DISTANCE AND THE EXPOSED PORTION OF TPZ MUST BE PROTECTED USING A HORIZONTAL ROOT PROTECTION METHOD APPROVED BY URBAN FORESTRY.

ANY ROOTS OR BRANCHES INDICATED ON THIS PLAN WHICH REQUIRE PRUNING, AS APPROVED BY DEVELOPMENT SERVICES PARKS PLANNING, MUST BE PRUNED BY AN ARBORIST. ALL PRUNING OF TREE ROOTS AND BRANCHES MUST BE IN ACCORDANCE WITH GOOD ARBORICULTURAL PRACTICE. ROOTS THAT HAVE RECEIVED APPROVAL FROM DEVELOPMENT SERVICES PARKS PLANNING TO BE PRUNED MUST FIRST BE EXPOSED USING PNEUMATIC (AIR) EXCAVATION, BY HAND DIGGING OR BY A USING LOW PRESSURE HYDRAULIC (WATER) EXCAVATION. THE WATER PRESSURE FOR HYDRAULIC EXCAVATION MUST BE LOW ENOUGH THAT ROOT BARK IS NOT DAMAGED OR REMOVED. THIS WILL ALLOW A PROPER PRUNING CUT AND MINIMIZE TEARING OF THE ROOTS. THE ARBORIST RETAINED TO CARRY OUT CROWN OR ROOT PRUNING MUST CONTACT DEVELOPMENT SERVICES PARKS PLANNING NO LESS THAN THREE WORKING DAYS PRIOR TO CONDUCTING ANY SPECIFIED WORK.

THE APPLICANT/OWNER SHALL PROTECT ALL BY-LAW REGULATED TREES IN THE AREA OF CONSIDERATION THAT HAVE NOT BEEN APPROVED FOR REMOVAL THROUGHOUT DEVELOPMENT WORKS TO THE SATISFACTION OF DEVELOPMENT SERVICES PARKS PLANNING.

CONVICTIONS OF OFFENCES RESPECTING THE REGULATIONS IN THE STREET TREE BY-LAW AND PRIVATE TREE BY-LAW ARE SUBJECT TO FINES. A PERSON CONVICTED OF AN OFFENCE UNDER THESE BY-LAWS IS LIABLE TO A MINIMUM FINE OF \$500 AND A MAXIMUM FINE OF \$100,000 PER TREE, AND /OR A SPECIAL FINE OF \$100,000. THE LANDOWNER MAY BE ORDERED BY THE CITY TO STOP THE CONTRAVENTION ACTIVITY OR ORDERED TO UNDERTAKE WORK TO CORRECT THE CONTRAVENTION.

PRIOR TO SITE DISTURBANCE THE OWNER MUST CONFIRM THAT NO MIGRATORY BIRDS OR MECP BAT HABITAT ARE MAKING USE OF THE SITE FOR NESTING. THE OWNER MUST ENSURE THAT THE WORKS ARE IN CONFORMANCE WITH THE MIGRATORY BIRD CONVENTION ACT AND THAT NO MIGRATORY BIRD NESTS WILL BE IMPACTED BY THE PROPOSED WORK NO LESS THAN 48 HOURS PRIOR TO CONDUCTING ANY SPECIFIED WORK.

Contractor shall check all dimensions on the work and report any discrepancy to the Landscape Architect before proceeding. All drawings and specifications are the property of the Landscape Architect and must be returned at the completion of the work. This drawing is not to be used for construction until signed by the Landscape Architect.



Tree Inventory

Refer to Tables 1 and 2 of the report dated 11 June 2024 for detailed tree inventory. Trees greater than 10cm on or within six metres of the subject property and trees of all sizes on neighbouring private properties were included in the inventory.

Tree Removals

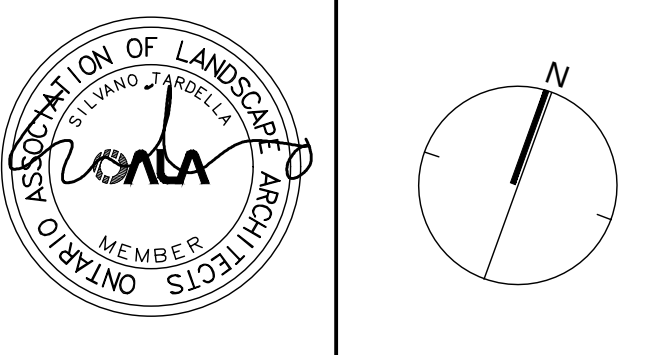
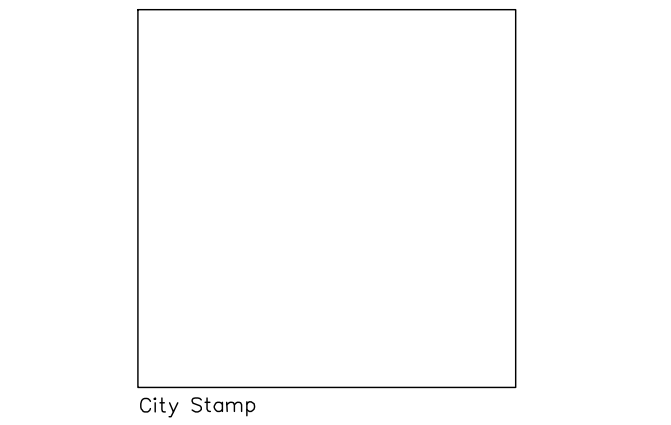
Trees within the clearing envelope, and the removal of 206 individual trees and one tree polygon along the peripheries of the disturbance limit is required to accommodate the proposed development and/or due to their condition.

Tree Preservation

Preservation of the remaining trees will be possible with appropriate tree protection measures. Tree protection measures must be implemented prior to earth works.

LEGEND	
REQUIRED TREE PROTECTION FENCING LOCATION PER B50-1232	
DIAPHRANE OF TREE TO BE REMOVED - DIAPHRANE SURVEYED BY OLS (2023) AS PART OF DETAILED CANOPY SURVEY	
DIAPHRANE OF TREE TO BE RETAINED - DIAPHRANE SURVEYED BY OLS (2023) AS PART OF DETAILED CANOPY SURVEY	
TREE LABEL REMOVAL RECOMMENDED	
TREE LABEL PRESERVATION RECOMMENDED	
DIAPHRANE OF TREE TO BE PRESERVED (ESTIMATED BY KFO)	
DIAPHRANE OF TREE TO BE REMOVED (ESTIMATED BY KFO)	

-		
-		
-		
-		
1	Report Submission	June 11/24
No.	Description	Date
Revision		



NAK design strategies

421 RONGESVALLES AVENUE, TORONTO, ON M6R 2N1 CANADA
T 416.340.8700 F 416.340.7100 NAKDESIGNSTRATEGIES.COM

Client

Mattamy (Salem) Limited
433 Steeles Ave. E.
Milton, ON L9T 8Z4

Project

180 McKay Road
Barrie, ON
City File No. D12-437

PART 1: SEVERED LOT 1
PIN 58100-0061(LT)
PART OF LOT 5, CONCESSION 10 INNFIL, BEING PART 1, PLAN 51R-42471
PIN 58100-0065(LT)
PART OF THE SOUTH HALF OF LOT 4, CONCESSION 10, INNFIL, BEING PART 8 ON PLAN 51R-42471
PIN 58100-0067(LT)
PART OF LOT 5, CONCESSION 10, INNFIL, BEING PARTS 5 AND 6 ON PLAN 51R-42471

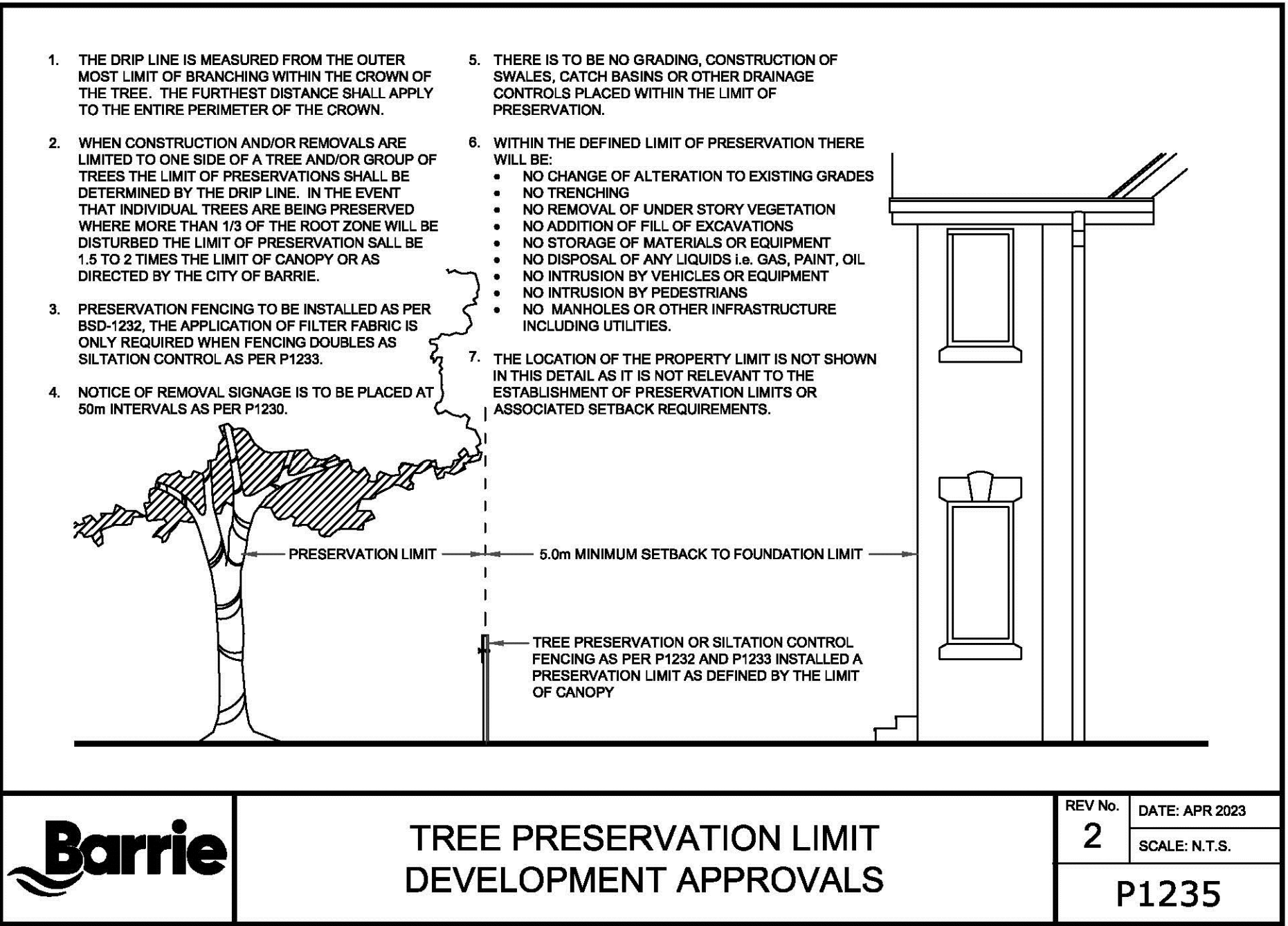
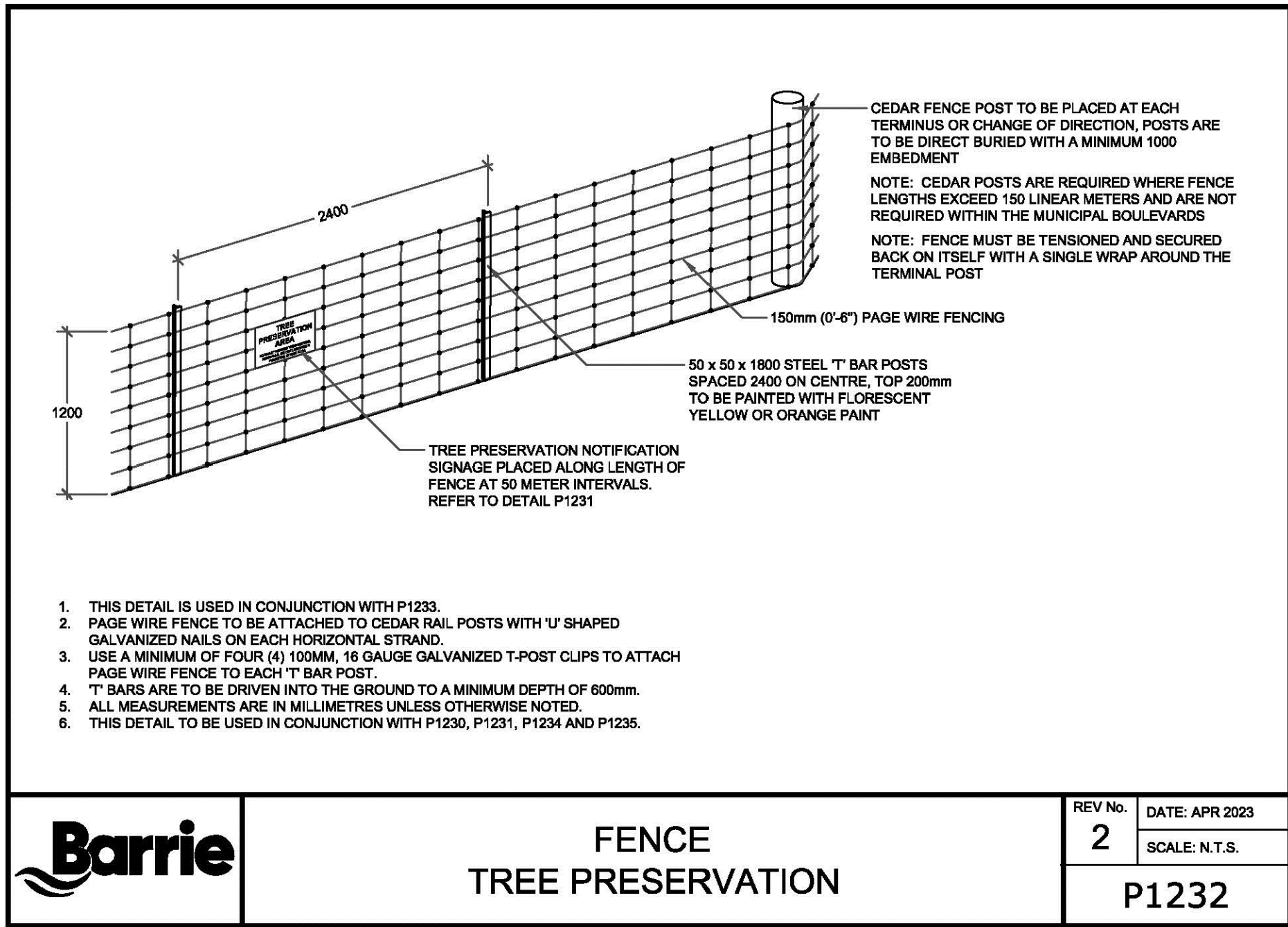
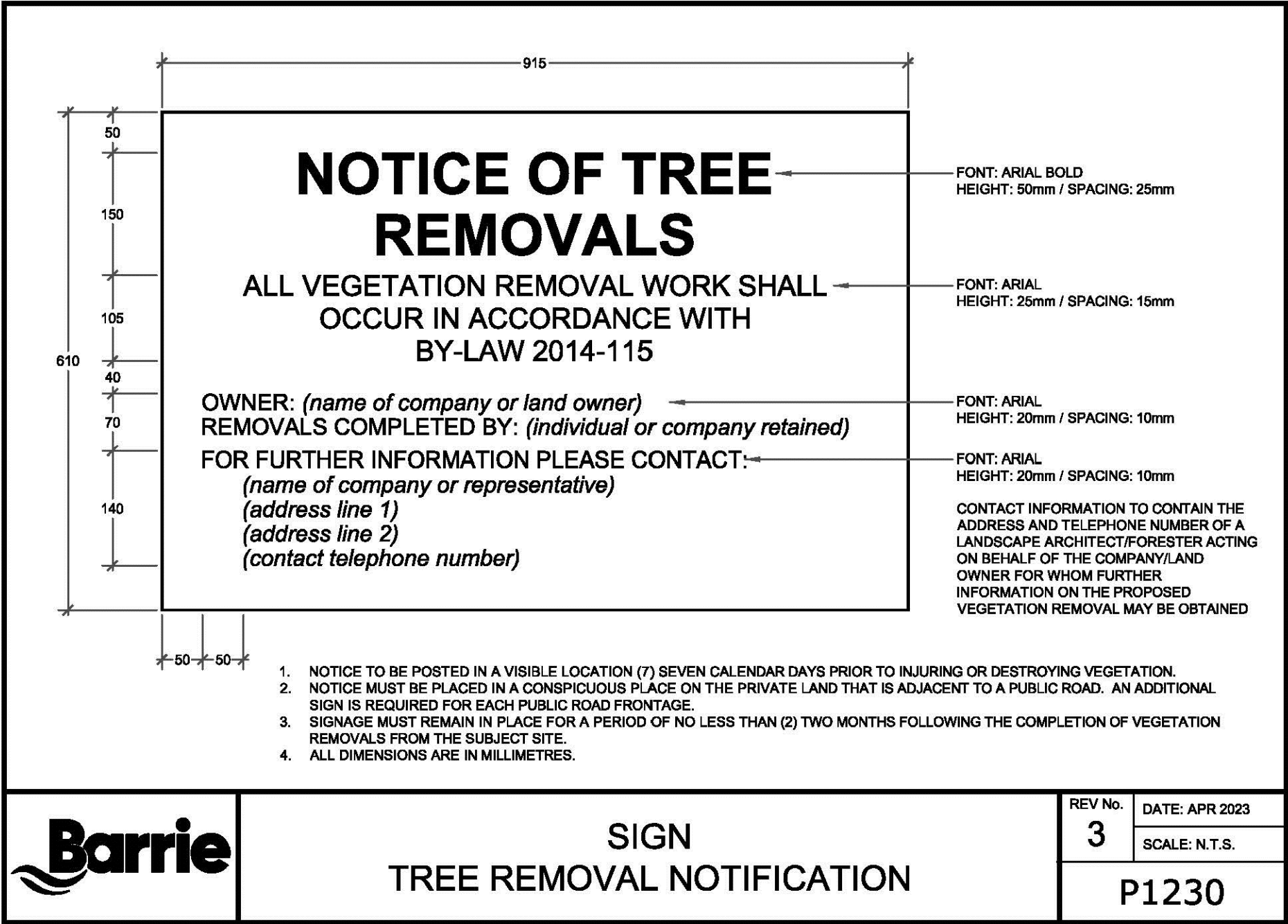
Title
Tree Inventory & Preservation Plan
(respecting site alteration works)
-Edge Management Plan
-Canopy Survey

Date	Oct.20/23	Sheet
Scale	1:500	
Drawn	MC / CB	
Checked	MC / CB	
Job No.	22-019	

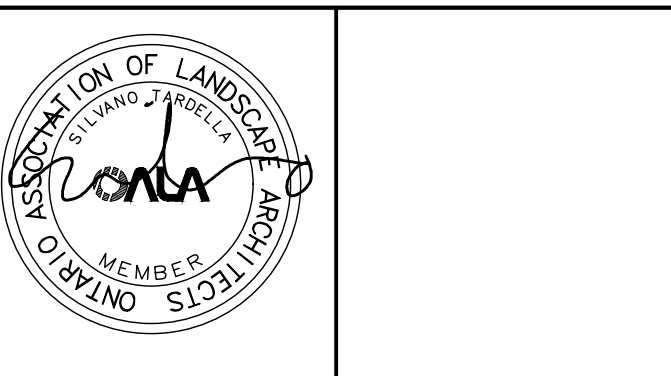
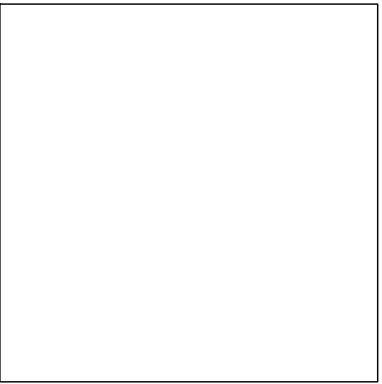
TP-1

Tree #	Common Name	Scientific Name	DBH	TI	CS	CV	CD	Comments	Action
1	Super Maple	Acer sycophantum	10	G	G	G			Retain
2	Super Maple	Acer sycophantum	42	FG	G	G		Unit at 1.4m and 1.5m, asymmetrical crown (M)	Remove
3	Super Maple	Acer sycophantum	56.29	P	G	G		Unit at base, stem wound (H) at base, follow + to head	Remove
4	Green Ash	Fraxinus pennsylvanica	-0.20	D	D	D	100	Dead	Remove
5	Red Oak	Quercus rubra	56	F	G	F	FG	Co-dominance at 1.5m with included bark (H)	Remove
6	Super Maple	Acer sycophantum	27	G	FG	G		Asymmetrical crown (H)	Retain (injure)
7	Super Maple	Acer sycophantum	80	FG	G	G		Unit at 1.3m and 3m	Remove
8	Black Cherry	Prunus americana	49	FG	G	G		Co-dominance at 1.8m	Remove
9	White Pine	Pinus strobus	16	D	D	D	100	Dead	Remove
10	Red Oak	Quercus rubra	19	G	G	FG		Lean (L)	Remove
11	Red Oak	Quercus rubra	29	G	G	G		Crook (L)	Retain (injure)
12	Red Oak	Quercus rubra	20.5	G	G	G		Crook (L)	Retain
13	Green Ash	Fraxinus pennsylvanica	35	D	D	D	100	Dead	Remove
14	American Beach	Populus deltoides	65	D	D	D	100	Dead	Remove
15	Basewood	Thuja occidentalis	14	G	FG	F		Unit at base and 0.3m (3) stems, asymmetrical crown (L)	Remove
16	Super Maple	Acer sycophantum	14.5, 10.7	G	G	G		Unit at base and 0.3m (3) stems, asymmetrical crown (L)	Remove
17	Basewood	Thuja occidentalis	15	FG	G	G		Crook (M)	Remove
18	Red Oak	Quercus rubra	30	G	G	G			F Remove
19	Red Oak	Quercus rubra	39	G	G	G		Lean (L), asymmetrical crown (L)	Remove
20	Black Cherry	Prunus americana	33	FG	G	FG		Crook (L), lean (L)	Remove
21	Super Maple	Acer sycophantum	14.5	G	G	G		Asymmetrical crown (L)	Remove
22	Red Oak	Quercus rubra	22.5	G	G	G		Lean (VL), asymmetrical crown (L)	Remove
23	Basewood	Thuja occidentalis	36, 34, 23	F	G	F	20	Unit at base, stem wounds (M) at base, cavity on 1 stem	Remove
24	White Elm	Ulmus americana	11.5	G	G	G			Retain (injure)
24A	Thornbush Aspen	Picea canadensis	26.5	G	G	G			Retain (injure)
24B	Tamarack	Larix laricina	24.5, -13	FG	FG	FG		Unit at 1m	Retain
24C	Tamarack	Larix laricina	21.5	G	G	G		Tension cracks, sparse crown (M)	Retain
24D	Tamarack	Larix laricina	21.5	G	G	G		Unit at 1m	Retain
24E	Red Maple	Acer rubrum	15.5	FG	FG	FG		Asymmetrical crown (L)	Remove
24F	Red Oak	Quercus rubra	13.5	G	G	G		Lean (L)	Retain (injure)
24G	Red Oak	Acer rubrum	13.5	G	G	G		Asymmetrical crown (M)	Remove
25	Tamarack	Larix laricina	30	G	G	G			Remove (within clearing envelope)
26	White Pine	Pinus strobus	13.5	G	G	G			Remove (within clearing envelope)
26A	White Pine	Pinus strobus	34.5	G	G	G			Remove (within clearing envelope)
26B	White Pine	Pinus strobus	-25	F	F	F		Deadwood (L)	Remove
26C	White Pine	Pinus strobus	35	G	G	G		Tension cracks, sparse crown (M)	Remove
26D	White Pine	Pinus strobus	35	G	G	G			Remove (within clearing envelope)
26E	White Pine	Pinus strobus	17.5	G	FG	G		Bowed stem (L), asymmetrical crown (L)	Remove
26F	Black Cherry	Prunus americana	31	G	G	G		Crook (M), lean (L), asymmetrical crown (L)	Remove (within clearing envelope)
26G	White Pine	Pinus strobus	17.5	F	F	F		Sunken bark, bowed (L)	Remove
26H	White Pine	Pinus strobus	41	F	F	F		Co-dominant in crown	Remove (within clearing envelope)
26I	White Pine	Pinus strobus	35	G	G	G		Poor form (M), crook (M)	Remove (within clearing envelope)
26J	White Pine	Pinus strobus	42	G	G	G			Remove (within clearing envelope)
26K	White Pine	Pinus strobus	34	G	G	G			Remove (within clearing envelope)
26L	Red Oak	Quercus rubra	17	G	G	G			Remove (within clearing envelope)
26M	White Pine	Pinus strobus	35.5	G	G	G		Vine competition (L)	Remove (within clearing envelope)
26N	Red Oak	Quercus rubra	19	G	G	G			Remove (within clearing envelope)
26O	Basewood	Thuja occidentalis	51.5, -14	F	F	HF		Poor union at base with 1 dead stem	Remove (within clearing envelope)
26P	Black Cherry	Prunus americana	30.5	F	F	F		Crook (M)	Remove (within clearing envelope)
26Q	White Pine	Pinus strobus	29.5	FG	FG	FG		Deadwood (L)	Remove (within clearing envelope)
26R	White Pine	Pinus strobus	33	G	G	G			Remove (within clearing envelope)
26S	White Pine	Pinus strobus	14	G	G	G			Remove (within clearing envelope)
26T	White Pine	Pinus strobus	21.5	G	FG	G			Remove (within clearing envelope)
26U	White Pine	Pinus strobus	22	F	F	F		Co-dominant in crown	Remove (within clearing envelope)
26V	White Pine	Pinus strobus	-13	D	D	D	100	Dead	Remove (within clearing envelope)
26W	White Pine	Pinus strobus	35	G	G	G			Remove (within clearing envelope)
26X	Basewood	Thuja occidentalis	11.5, 19	FG	FG	G		Unit at base	Remove (within clearing envelope)
26Y	White Pine	Pinus strobus	15.5	G	G	G			Remove (within clearing envelope)
26Z	Basewood	Thuja occidentalis	20, 25.5, 11	F	FF	FF		Carler (H), union at base, lost leader	Remove (within clearing envelope)
26AA	Super Maple	Acer sycophantum	75.5, 73	F	FG	FG		Poor union at 0.5m with rot	Remove (within clearing envelope)
26AB	White Pine	Pinus strobus	-51	G	G	G			Remove (within clearing envelope)
26AC	White Pine	Pinus strobus	-31	G	G	G			Remove (within clearing envelope)
26AD	White Pine	Pinus strobus	20.5	G	G	G			Remove (within clearing envelope)
26AE	Red Pine	Pinus strobus	37	G	G	G		Needle detach	Remove (within clearing envelope)
26AF	White Pine	Pinus strobus	20	G	G	G			Remove (within clearing envelope)
26AG	White Pine	Pinus strobus	40	G	G	G			Remove (within clearing envelope)
26AH	Super Maple	Acer sycophantum	12	G	G	G			Remove (within clearing envelope)
26AI	Red Pine	Pinus strobus	31.5	G	G	G			Remove (within clearing envelope)
26AJ	Red Oak	Quercus rubra	12	G	G	G			Remove (within clearing envelope)
26AK	Super Maple	Acer sycophantum	14	G	G	G			Remove (within clearing envelope)
26AL	Super Maple	Acer sycophantum	32	G	G	G			Remove (within clearing envelope)
26AM	Red Pine	Pinus strobus	31	G	G	G			Remove (within clearing envelope)
26AN	Red Pine	Pinus strobus	34	G	G	G			Remove (within clearing envelope)
26AO	White Pine	Pinus strobus	20	G	G	G			Remove (within clearing envelope)
26AP	White Pine	Pinus strobus	18	G	G	G			Remove (within clearing envelope)
26AQ	Red Pine	Pinus strobus	33.5	G	G	G			Remove (within clearing envelope)
26AR	Red Pine	Pinus strobus	28	G	G	G			Remove (within clearing envelope)
26AS	Red Pine	Pinus strobus	31.5	G	G	G			Remove (within clearing envelope)
26AT	Red Pine	Pinus strobus	29	G	G	G			Remove (within clearing envelope)
26AU	Red Pine	Pinus strobus	34	G	G	G			Remove (within clearing envelope)
26AV	Red Pine	Pinus strobus	32.5	G	G	G			Remove (within clearing envelope)
26AW	Red Pine	Pinus strobus	32	G	G	G			Remove (within clearing envelope)
26AX	Red Pine	Pinus strobus	27.5	G	G	G			Remove (within clearing envelope)
26AY	Red Pine	Pinus strobus	32	G	G	G			Remove (within clearing envelope)
26AZ	Red Pine	Pinus strobus	27.5	G	G	G			Remove (within clearing envelope)
26BA	Red Pine	Pinus strobus	25.5	G	G	G			Remove (within clearing envelope)
26BB	Red Pine	Pinus strobus	24.5	G	G	G			Remove (within clearing envelope)
26BC	White Pine	Pinus strobus	37	G	G	G			Remove (within clearing envelope)
26BD	Super Maple	Acer sycophantum	14	G	G	G			Remove (within clearing envelope)
26BE	Super Maple	Acer sycophantum	30	G	G	G			Remove (within clearing envelope)
26BF	White Pine	Pinus strobus	34.5	G	G	G			Remove (within clearing envelope)
26BG	Red Pine	Pinus strobus	34.5	G	G	G			Remove (within clearing envelope)
26BH	White Pine	Pinus strobus	38	G	G	G			Remove (within clearing envelope)
26BI	White Pine	Pinus strobus	38.5	G	G	G			Remove (within clearing envelope)
26BJ	White Pine	Pinus strobus	27	G	G	G			Remove (within clearing envelope)
26BK	White Pine	Pinus strobus	27	G	G	G			Remove (within clearing envelope)
26BL	White Pine	Pinus strobus	33	G	G	G			Remove (within clearing envelope)
26BM	White Pine	Pinus strobus	27	G	G	G			Remove (within clearing envelope)
26BN	White Pine	Pinus strobus	17	G	G	G			Remove (within clearing envelope)
26BO	White Pine	Pinus strobus	27	G	G	G			Remove (within clearing envelope)
26BP	White Pine	Pinus strobus	40.5	FG	G	G		Stem wound (M)	Remove (within clearing envelope)
26BQ	White Pine	Pinus strobus	20.5	G	G	G			Remove (within clearing envelope)
26BR	White Pine	Pinus strobus	12.5	G	FG	G		Asymmetrical crown (L)	Remove (within clearing envelope)
26BS	Red Pine	Pinus strobus	32	G	G	G			Remove (within clearing envelope)
26BT	Red Pine	Pinus strobus	23.5	G	G	G			Remove (within clearing envelope)
26BU	Red Pine	Pinus strobus	31.5	G	G	G			Remove (within clearing envelope)
26BV	White Birch	Betula papyrifera	10.5	G	FG	FG		Bowed (M)	Remove
26BW	Tamarack	Larix laricina	40.5	F	G	F		Frinding branches	Remove
26BX	Tamarack	Larix laricina	28	G	G	G			Retain
26BY	Tamarack	Larix laricina	39	G	G	G			Retain
26BZ	Tamarack	Larix laricina	22.5	G	G	G			Retain (injure)
26C1	Tamarack	Larix laricina	22.5	G	G	G			Retain
26C2	Tamarack	Larix laricina	41	G	G	G			Retain
26C3	Tamarack	Larix laricina	21.5	G	F	FG			Retain
26C4	Tamarack	Larix laricina	25.5	G	G	G			Retain
26C5	White Pine	Pinus strobus	34.5	G	G	G			Remove (within clearing envelope)
26C6	Red Pine	Pinus strobus	35.5	G	G	G			Remove (within clearing envelope)
26C7	Red Pine	Pinus strobus	33	G	G	G			Remove (within clearing envelope)
26C8	Red Pine	Pinus strobus	25	G	G	G			Remove (within clearing envelope)
26C9	Red Pine	Pinus strobus	34	G	G	G			Remove (within clearing envelope)
26CA	Basewood	Thuja occidentalis	26, -5, 11	F	F	F		Unit at base, asymmetrical crown (M), carler (L)	Remove
26CB	Super Maple	Acer sycophantum	34, 35.5, 17	FG	FG	FG		Unit at 0.2m	Remove
26CC	Super Maple	Acer sycophantum	43	F	F	F		Carler (H), asymmetrical crown (M), deadwood (L)	Remove

334	Super Maple	Acer sycophantum	32.5	F	FG	FG		V-unit at 3m with included bark (L)	Remove
335	Red Oak	Quercus rubra	50	G	FG	G		Asymmetrical crown (L)	Remove
336	Basewood	Thuja occidentalis	41, 28	FG	FG	FG		Unit at base, asymmetrical crown (L), union at 4m	Remove
337	Super Maple	Acer sycophantum	42, 41	PF	FG	FG		V-unit at 1m with cavity (H)	Remove
338	Super Maple	Acer sycophantum	15.5	G	G	G			Remove
339	Super Maple	Acer sycophantum	15, 22	G	G	G		Unit at base, asymmetrical crown (L)	Remove
340	Super Maple	Acer sycophantum	12	G	G	G			Remove
341	Super Maple	Acer sycophantum	12	FG	G	G		Lean (L), asymmetrical crown (L)	Remove
342	Super Maple	Acer sycophantum	13.5	G	G	G			Remove
343	Super Maple	Acer sycophantum	12.5	G	G	G			Remove
344	Red Oak	Quercus rubra	23.5, 17.5	FG	FG	FG		Unit at 0.5m, bowed (L)	Remove
345	Ironwood	Ostrya virginiana	10	G	G	G			Remove
346	Super Maple	Acer sycophantum	13.5	G	G	G			Remove
347	Super Maple	Acer sycophantum	24, 15.5	FG	FG	FG		Asymmetrical crown (L), v-unit at 0.2m	Remove
348	Ironwood	Ostrya virginiana	12	G	F	FG		Poor form (H)	Remove
349	Ironwood	Ostrya virginiana	12.5	G	G	G			Remove
350	Ironwood	Ostrya virginiana	11.5	FG	F	FG		1 lost leader, poor form (M)	Remove
351	Super Maple	Acer sycophantum	16	G	FG	G		Asymmetrical crown (L)	Remove
352	Super Maple	Acer sycophantum	21.5	G	FG	G		Asymmetrical crown (M), stem wound (L)	Retain
353	Basewood	Thuja occidentalis	24.5, -14, 16	FG	FG	FG		Unit at base, asymmetrical crown (L)	Remove
354	Basewood	Thuja occidentalis	16, -4	G	G	G		Unit at base	Remove
355	Super Maple	Acer sycophantum	22, 15.5, 22.5	FG	FG	FG		Unit at base, asymmetrical crown (L)	Remove
356	Red Oak	Quercus rubra	45.5	G	G	G		Lean (L)	Remove
357	Red Oak	Quercus rubra	28.5	F	F	FG		Asymmetrical crown (M), lean (M)	Remove
358	Red Oak	Quercus rubra	36	FG	FG	FG		Lean (L), asymmetrical crown (L)	Remove
359	Super Maple	Acer sycophantum	10	G	FG	G		Asymmetrical crown (L)	Remove
360	Super Maple	Acer sycophantum	25, 15	PF	FG	FG		Carler (M), union at 0.2m	Remove
361	Black Cherry	Prunus americana	18.5	G	G	F		Bowed (M), crook (L)	Remove
467	Super Maple	Acer sycophantum	10.5	G	G	G			Retain (injure)
468	Ironwood	Ostrya virginiana	32	G	G	G		Included lean (M), asymmetrical crown (L)	Remove
602	Super Maple	Acer sycophantum	48	G	FG	G		Asymmetrical crown (M)	Remove
603	Super Maple	Acer sycophantum	21.5	G	G	G		Asymmetrical crown (M), stem wound (L)	Retain
604	Ironwood	Ostrya virginiana	27	FG	G	G		Lean (L), asymmetrical crown (L), poor form (L)	Retain
605	Super Maple	Acer sycophantum	30	G	G	G		Asymmetrical crown (L)	Remove
606	Super Maple	Acer sycophantum	18	F	F	F		Asymmetrical crown (M), poor form (L)	Remove
607	Red Oak	Quercus rubra	88.5	G	G	G			Retain
608	Ironwood	Ostrya virginiana	26	FG	G	G		Lean (L), asymmetrical crown (L), poor form (L)	Retain
609	Red Oak	Quercus rubra	15.5	FG	F	FG		Lean (L), asymmetrical crown (L)	Retain
610	Green Ash	Fraxinus pennsylvanica	11.6	G	F	FG		Lean (L), asymmetrical crown (L)	Retain
611	Basewood	Thuja occidentalis	11	G	G	G		Lean (L)	Retain (injure)
612	Basewood	Thuja occidentalis	20.5	G	G	G		Lean (L), asymmetrical crown (L)	Retain
613	Ironwood	Ostrya virginiana	13.5	G	FG	G		Lean (L), asymmetrical crown (L)	Remove
614	Basewood	Thuja occidentalis	18.5	G	FG	G		Lean (L), asymmetrical crown (L)	Remove
615	Basewood	Thuja occidentalis	17.5, 18.5	FG	FG	FG		Unit at 0.5m, poor form (L), bowed (L) south	Remove
616	Basewood	Thuja occidentalis	16, 12.5	FG	FG	FG		Unit at base, bowed (M), bowed (L)	Remove
617	Super Maple	Acer sycophantum	14	G	F	FG		Poor form (L)	Remove
618	Super Maple	Acer sycophantum	65.5, 42, 42	FG	F	FG		Unit at 0.5m, 1m, poor form (L)	Remove
619	Super Maple	Acer sycophantum	12	G	F	G		Crooked growth (M)	Remove
620	Super Maple	Acer sycophantum	32, 18	FG	FG	FG		Unit at 0.5m, asymmetrical crown (L)	Remove
621	Red Oak	Quercus rubra	15	G	FG	G		Asymmetrical crown (L)	Remove
622	Red Oak	Quercus rubra	19	F	F	FG		Asymmetrical crown (M)	Remove
623	Ironwood	Ostrya virginiana	11.5	G	F	FG		Deadwood (M), carler (M)	Remove
624	Ironwood	Ostrya virginiana	23.5	FG	FG	FG		Lean (L), asymmetrical crown (L)	Remove
625	Super Maple	Acer sycophantum	41.5, 34	FG	FG	FG		Unit at base, poor form (L), asymmetrical crown (L)	Remove
626	Super Maple	Acer sycophantum	37	G	G	G			Remove
627	Red Oak	Quercus rubra	27, 66.1	FG	FG	FG		Poor union at 0.2m, seam (L), bowed (M)	Remove
628	White Birch	Betula papyrifera	12	FG	F	FG		Lean (L), bowed (L) south, underlary line	Remove
629	Red Oak	Quercus rubra	11.5	G	F	FG		Lean (L), asymmetrical crown (L)	Remove
630	Super Maple	Acer sycophantum	11.5	G	FG	G		Asymmetrical crown (L), lean (L)	Remove
631	Super Maple	Acer sycophantum	30.5, 17.5	FG	G	G		Unit at 0.5m	Remove
632	Basewood	Thuja occidentalis	35.5, 37.5	PF	F	FG		Unit at 0.5m, only (M), carler (H)	Remove
633	Ironwood	Ostrya virginiana	13.5	G	G	G			Remove
634	Basewood	Thuja occidentalis	29.5	F	F	F		Episodic branching (L), bowed crown (L), carler (L)	Remove
635	Basewood	Thuja occidentalis	26, 27, 27.5	FG	FG	FG		Unit at 0.5m, poor form (L), asymmetrical crown (L), union at 1m and 1.2m with included bark (M), lead stems (M)	Remove
636	Super Maple	Acer sycophantum	55.2	FG	FG	FG		Asymmetrical crown (M)	Remove
637	Red Oak	Quercus rubra	14	G	FG	G		Asymmetrical crown (M)	Remove
638	Red Oak	Quercus rubra	38, 43	FG	FG	FG		Unit at 0.5m, asymmetrical crown (L)	Remove
639	Red Oak	Quercus rubra	12	F	F	F		Unit at 0.5m, asymmetrical crown (L)	Remove
640	Red Oak	Quercus rubra	21, 20	FG	F	FG		Unit at 0.5m, ruling seams (L), asymmetrical crown (L)	Remove
641	Black Cherry	Prunus americana	31	FG	F	F		Deadwood (M), bowed (L)	Remove
642	Red Oak	Quercus rubra	17	F	F	F		Asymmetrical crown (L)	Remove
643	Red Oak	Quercus rubra	16	G	G	G		Asymmetrical crown (L)	Remove
644	Red Oak	Quercus rubra	15.5	G	G	G		Asymmetrical crown (L)	Remove
645	Red Oak	Quercus rubra	20.5	G	FG	G		Asymmetrical crown (L), lean (V)	Remove
646	Red Oak	Quercus rubra	25.5	G	FG	G		Asymmetrical crown (L)	Remove
647	Red Oak	Quercus rubra	18.5	G	G	G			Remove
648	White Birch	Betula papyrifera	32	F	F	F		Deadwood (M), grapevine competition (M), broken branches (M), poor form (M)	Remove
649	Red Oak	Quercus rubra	48, 38.5	FG	FG	FG		Unit at 0.5m, deadwood (L), asymmetrical crown (L)	Remove
650	Ironwood	Ostrya virginiana	19.5, 15	G	G	G		Unit at 0.2m, grapevine competition (L)	Remove
651	Red Oak	Quercus rubra	15	G	G	G		Grapevine competition (M)	Remove
652	Red Oak	Quercus rubra	79.5, 51.5	FG	FG	FG		Deadwood (L), grinding root (M), union at 0.2m	Remove
653	Ironwood	Ostrya virginiana	23	FG	G	G		Lean (L), asymmetrical crown (L)	Remove
654	Basewood	Thuja occidentalis	13.5	F	F	F		Bowed (M) south, deadwood (L)	Remove
655	Super Maple	Acer sycophantum	10.5	G	G	G			Remove
656	Red Oak	Quercus rubra	11	F	F	F		Asymmetrical crown (L)	Remove
657	Red Oak	Quercus rubra	20.5	G	FG	G		Lean (L), asymmetrical crown (L)	Remove
658	Red Pine	Pinus strobus	15	G	G	G			Remove
659	Basewood	Thuja occidentalis	34.5	G	FG	FG		Asymmetrical crown (L)	Remove
660	Ironwood	Ostrya virginiana	17, 19.5	FG	FG	FG		Unit at 0.2m	Remove
661	Black Cherry	Prunus americana	32	FG	F	FG		Crook (M), asymmetrical crown (L)	Remove
662	Ironwood	Ostrya virginiana	19.5, 21.5	FG	FG	FG		Unit at 0.2m, asymmetrical crown (L)	Remove
663	Red Oak	Quercus rubra	22.5	F	F	FG		Poor form (M), crook (L), bowed crown (M) south	Remove
664	Red Oak	Quercus rubra	63	FG	F	FG		Unit at 0.5m, deadwood (M)	Remove
665	Basewood	Thuja occidentalis	15, 13, 13	F	F	F		Unit at base, asymmetrical crown (M), lean (L)	Remove
666	Red Oak	Quercus rubra	18.5	G	FG	G		Lean (L), asymmetrical crown (L)	Remove
667	Red Oak	Quercus rubra	21	G	FG	G		Asymmetrical crown (L)	Remove
668	Red Oak	Quercus rubra	11	G	G	G			Remove
669	White Pine	Pinus strobus	11	G	G	G			Remove
670	Red Oak	Quercus rubra	20.5	G	FG	G		Lean (L), asymmetrical crown (L)	Remove
671	Red Oak	Quercus rubra	15	G	G	G			Remove
672	White Pine	Pinus strobus	34.5	G	FG	FG		Asymmetrical crown (L)	Remove
673	Basewood	Thuja occidentalis	39.5, -28, -26, 2	FG	F	FG		V-unit at base	Remove
674	Super Maple	Acer sycophantum	9.15	FG	G	G		Unit at base	Remove
675	Red Oak	Quercus rubra	9.45	G	G	G			Remove
676	Red Oak	Quercus rubra	30.5	G	G	G		Lean (L), deadwood (L)	Remove
677	Red Oak	Quercus rubra	33.5	G	G	G			Remove
678	Apple spades	Malus sp.	13	P	P	P		Unit at 1m, lead stems, deadwood (H), episodic branching (H)	Remove
679	Super Maple	Acer sycophantum	23, -20, -10	F	F	FG		V-unit at 0.2 and 0.3m	Remove
680	White Pine	Pinus strobus	14	G	G	G			Remove
681	Red Oak	Quercus rubra	6	G	G	G			Remove
682	White Pine	Pinus strobus	9.8	G	G	G		Unit at base	Remove
683	Red Oak	Quercus rubra	10	FG	FG	G		Lean (L), asymmetrical crown (L)	Remove
684	Red Oak	Quercus rubra	10	G	G	G			Remove
685	Red Oak	Quercus rubra	15.5	G	G	G			Remove
686	White Pine	Pinus strobus	-6	G	G	G		Unit at 0.5m, lead stems, deadwood (H)	Remove
687	Red Oak	Quercus rubra	21	G	FG	G		Asymmetrical crown (L)	Remove
688	Ironwood	Ostrya virginiana	11	G	G	G			Remove
689	Red Oak	Quercus rubra	19.5	G	G	G			Remove
690	White Pine	Pinus strobus	34.5	G	FG	FG		Unit at 0.5m, asymmetrical crown (L)	Remove
691	Green Ash	Fraxinus pennsylvanica	14	F	F	PF		Episodic branching (H), emerald ash borer	Remove
801	Red Pine	Pinus strobus	36	G	G	G			Remove (with injury)
802	White Pine	Pinus strobus	40	G	FG	F	BO		Retain (injure)
803	White Pine	Pinus strobus	12	G	G	G			Remove
804	White Pine	Pinus strobus	32	G	G	G		Asymmetrical crown (M)	Remove
805	White Pine	Pinus strobus	36.5	G	G	G			Remove
806	White Pine	Pinus strobus	21	G	G	G			Remove
807	White Pine	Pinus strobus	42.5	G	G	G			Remove
808	White Pine	Pinus strobus	16.5	G	G	G			Remove
809	White Pine	Pinus strobus	40	G	G	G		Unit at 0.5m with bark included bark (L)	Remove
810	White Pine	Pinus strobus	15.5	G	G	G		Co-concurrence at 1m with included bark (L), 1 dead, 1 stem lost leader at 6m	Remove
811	White Pine	Pinus strobus	24	FG	FG	FG		Unit at 0.5m, asymmetrical crown (L)	Remove
812	White Pine	Pinus strobus	29	G	G	G		Lean (L) at west, asymmetrical crown at 4m with episodic branching (H), asymmetrical crown (L)	Remove
813	Norway Spruce	Picea abies	47	F	F	F		Co-concurrence at west, included bark (M)	Retain
814	Norway Spruce	Picea abies	27	G	G	G		Lean (L) at west, included bark (M)	Retain
815	White Pine	Pinus strobus	23	G	G	G			Remove
816	White Pine	Pinus strobus	23	G	G	G			Remove
817	White Pine	Pinus strobus	31.5	G	G	G			Remove
818	White Pine	Pinus strobus	34.5	G	G	G			Remove
819	White Pine	Pinus strobus	25	G	G	G		Stem wounds (M) with rot	Retain
820	White Pine	Pinus strobus	25.5	FG	G	G		Crook (L)	Retain



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1	Report Submission	June 11/24
No.	Description	Date
Revision		



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design strategies

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Project

180 McKay Road
Barrie, ON
City File No. D12-437

PART 1: SEVERED LOT 1
PIN 58100-0065(LT)
PART OF LOT 5, CONCESSION 10 INNIFIL, BEING PART 1, PLAN 51R-42471
PIN 58100-0065(LT)
PART OF THE SOUTH HALF OF LOT 4, CONCESSION 10, INNIFIL, BEING PART 9 ON PLAN 51R-42471
PIN 58100-0067(LT)
PART OF LOT 5, CONCESSION 10, INNIFIL, BEING PARTS 5 AND 6 ON PLAN 51R-42471

Title

Tree Inventory & Preservation Plan
Standard Details and Drawings

Date	Oct.20/23	Sheet
Scale	1:400	
Drawn	MC / CB	
Checked	MC / CB	
Job No.	22-019	

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