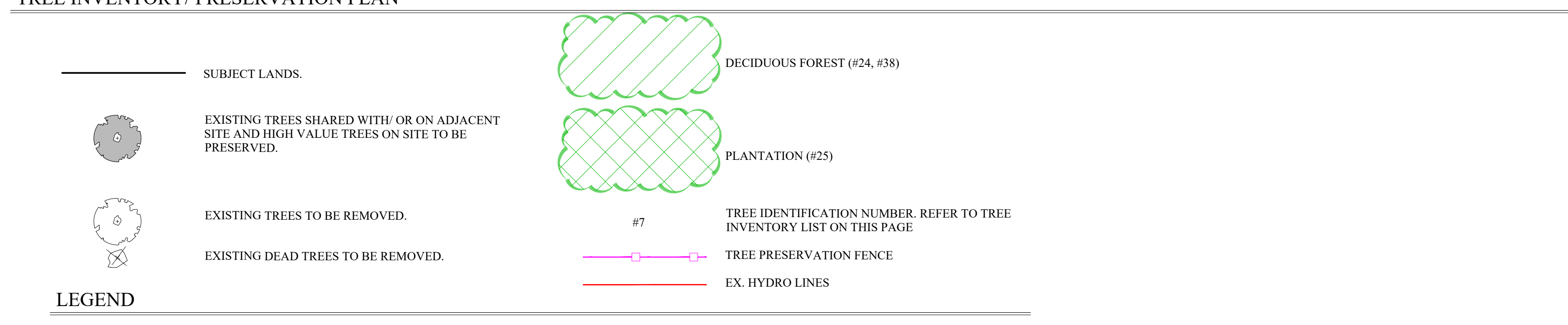


Tree Number	Number of Trees	Botanical Name	Tree Name	DBH (cm)	Height (m)	Spread (m)	Maturity	Health	Comments
1	1	Betula papyrifera	Paper Birch	266	14	11	Mature	Good	Clump
2	1	Tilia americana	Basswood	90	14	9	Mature	Fair	Root flare on adjacent site
3	1	Pinus strobus	White Pine	82	14	14	Mature	Good	Root flare on adjacent site
4	1	Pinus strobus	White Pine	70	14	14	Mature	Good	Root flare on adjacent site
5	1	Pinus strobus	White Pine	75	14	14	Mature	Good	Root flare on adjacent site
6	1	Pinus sylvestris	Scots Pine	29	10	9	Mature	Fair	
7	1	Ostrya virginiana	Ironwood	19	10	7	Immature	Poor	
8	1	Malus spp.	Apple Tree	29	6	6	Mature	Fair	
9	1	Prunus serotina	Black Cherry	33	10	8	Mature	Fair	
10	1	Pinus strobus	White Pine	98	16	14	Mature	Fair	Root flare on PL
11	1	Pinus strobus	White Pine	41	16	14	Mature	Good	
12	1	Acer saccharum	Sugar Maple	17	14	10	Mature	Fair	
13	1	Pinus strobus	White Pine	50	14	14	Mature	Poor	Root flare on PL
14	1	Acer saccharum	Sugar Maple	37	14	12	Mature	Fair	
15	1	Quercus rubra	Red Oak	254	20	16	Mature	Fair	Forked at 1m, root flare on PL
16	1	Acer saccharum	Sugar Maple	20+17	14	14	Mature	Fair	
17	1	Quercus rubra	Red Oak	77	20	12	Mature	Fair	
18	2	Pinus strobus	White Pine	21	18	6	Mature	Fair	
19	1	Quercus rubra	Red Oak	52	20	11	Mature	Fair	Top canopy
20	1	Pinus strobus	White Pine	77	20	12	Mature	Fair	
21	Group	Acer saccharum	Sugar Maple	16-23	12	6	Mature	Fair	
22	Group	Betula papyrifera	Paper Birch	19	12	7	Immature	Fair	Clump
23	Group	Populus tremuloides	Trembling Aspen	<15	10	5	Mature	Fair	
24	Edge of forest	Pinus strobus, Acer saccharum, Quercus rubra, Betula papyrifera	White Spruce, Sugar Maple, Red Oak and Paper Birch	>20	18	15	Mature	Good	
25	Plantation	Pinus strobus, Pinus strobus	Scots Pine, White Pine, White Spruce	20	14	6	Mature	Fair	Dense, 90% canopy, dead branches in the lower canopy
26	2	Pinus strobus	White Pine	15, 24	10	7	Mature	Good	
27	1	Pinus strobus	White Pine	63	10	8	Mature	Fair	
28	1	Acer saccharum	Sugar Maple	63	16	9	Mature	Fair	
29	1	Fraxinus americana	White Ash	2426	14	7	Mature	Poor	
30	1	Acer saccharum	Sugar Maple	85	18	15	Mature	Fair	
31	1	Acer negundo	Manitoba Maple	28	8	7	Mature	Poor	Leaning, Lower branches dead
32	Row	Picea glauca	White Spruce	45	14	7	Mature	Fair	
33	1	Pinus strobus	White Pine	48	14	8	Mature	Fair	
34	Group	Thuja occidentalis	Eastern White Cedar	12	10	5	Immature	Fair	
35	1	Acer saccharum	Sugar Maple	75	16	10	Mature	Good	
36	1	Acer saccharum	Sugar Maple	48	16	7	Mature	Good	
37	2	Fraxinus americana	White Ash	35	10	7	Mature	Dead	
38	Edge of forest	Pinus strobus	Red Oak, White Pine, Scots Pine	>20	18	15	Mature	Good	
39	1	Acer saccharum	Sugar Maple	70	18	15	Mature	Good	
40	1	Acer saccharum	Sugar Maple	75	18	15	Mature	Good	
41	1	Acer saccharum	Sugar Maple	80	18	15	Mature	Good	
42	1	Acer saccharum	Sugar Maple	52	18	15	Mature	Good	
43	1	Fraxinus americana	White Ash	2440	14	7	Mature	Dead	
44	1	Acer saccharum	Sugar Maple	65	18	15	Mature	Good	
45	1	Acer saccharum	Sugar Maple	95	18	15	Mature	Good	
46	1	Acer saccharum	Sugar Maple	90	18	15	Mature	Good	
47	1	Acer saccharum	Sugar Maple	110	18	15	Mature	Good	
48	1	Quercus rubra	Red Oak	21	16	6	Mature	Good	
49	1	Quercus rubra	Red Oak	57	18	16	Mature	Good	
50	1	Quercus rubra	Red Oak	12	10	7	Immature	Good	
51	1	Quercus rubra	Red Oak	13	10	7	Immature	Good	
52	2	Acer saccharum	Sugar Maple	26, 22	16	14	Mature	Good	
53	1	Quercus rubra	Red Oak	55	18	14	Mature	Good	
54	1	Quercus rubra	Red Oak	30	18	12	Mature	Good	
55	1	Fraxinus americana	White Ash	19	12	10	Immature	Poor	Ash borer trunk damages
56	1	Acer saccharum	Sugar Maple	13	12	10	Immature	Good	
57	1	Prunus serotina	Black Cherry	247	12	8	Mature	Poor	
58	1	Acer saccharum	Sugar Maple	21	14	12	Mature	Good	
59	1	Quercus rubra	Red Oak	46	15	6	Mature	Good	
60	3	Quercus rubra	Red Oak	15, 28, 22	15	10	Mature	Good	
61	2	Quercus rubra	Red Oak	39, 18	18, 15	6	Mature	Good	
62	1	Acer saccharum	Sugar Maple	11	12	11	Immature	Good	
63	1	Quercus rubra	Red Oak	100	20	14	Mature	Poor	broken limbs, trunk cavity
64	2	Quercus rubra	Red Oak	55, 70	20	15	Mature	Good	
65	1	Quercus rubra	Red Oak	45	18	15	Mature	Good	
66	1	Acer saccharum	Sugar Maple	25	12	11	Mature	Good	
67	1	Acer saccharum	Sugar Maple	2425+2x11	12	12	Mature	Good	
68	1	Quercus rubra	Red Oak	80	20	15	Mature	Good	
69	1	Acer saccharum	Sugar Maple	19	14	11	Immature	Good	
70	1	Quercus rubra	Red Oak	63	20	16	Mature	Good	

TREE INVENTORY LIST



WHITE PINE #20 AND SUGAR MAPLES #21 TO BE PRESERVED
PLANTATION #25 TO BE REMOVED



KEY MAP N.T.S.

GENERAL NOTES

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

No.	REVISION	DATE	APRVD.
1.	FIRST SUBMISSION TO THE TOWN OF PENETANGUISHENE	August 21, 2023	SKT

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 Telephone (705) 329-0765

BASE PLAN REVISED: 2022

Client info:
 1000239074 Ontario Inc.
 Angelo Lavino & Richard Dapra
 647-200-9879

ACCEPTED BY: _____

DATE: _____

LANDSCAPE ARCHITECTS STAMP
 (Seal of the Association of Landscape Architects of Ontario)

JDB ASSOCIATES LTD.
 Urban Designers
 Landscape Architects
 Arborists

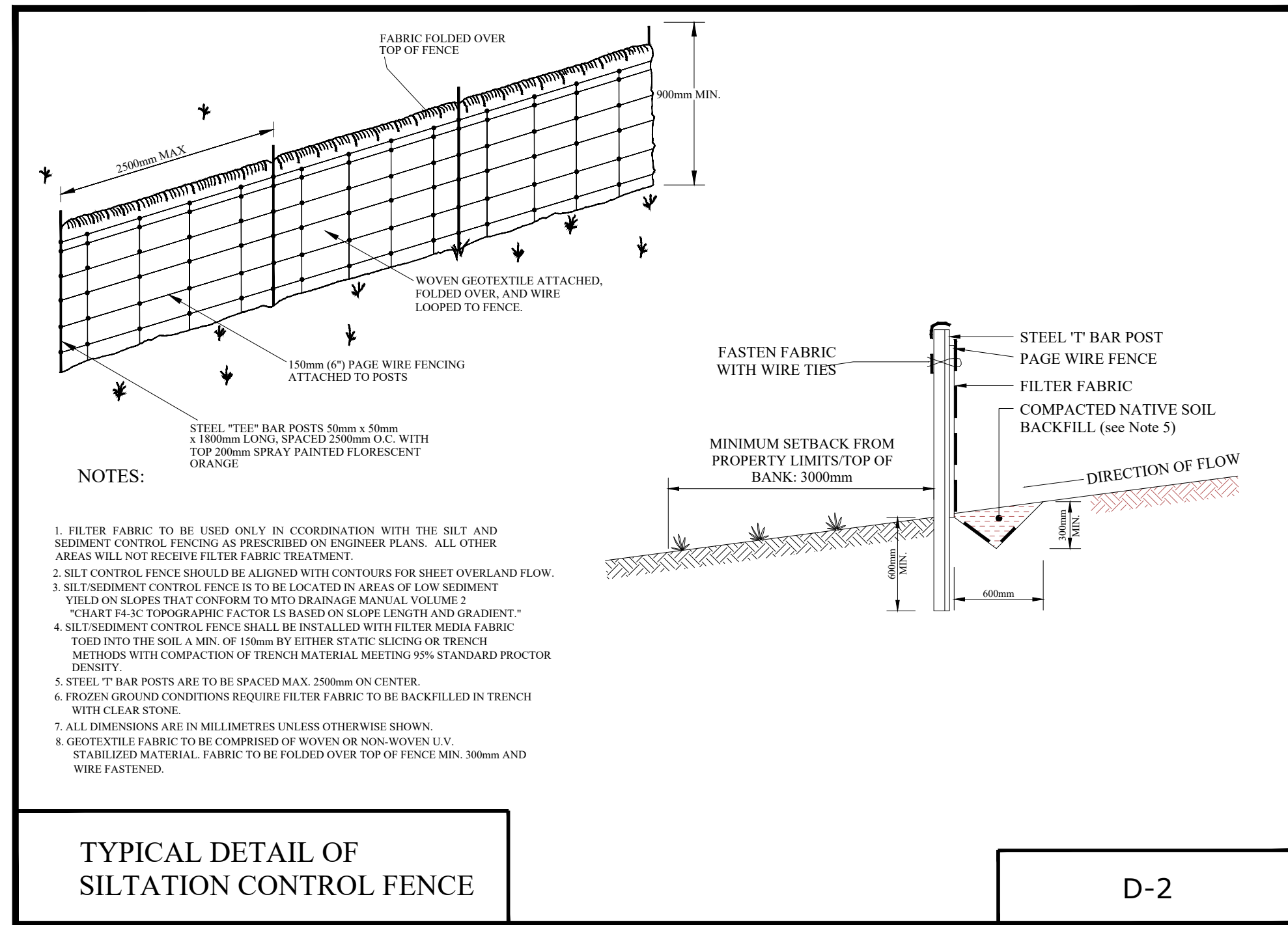
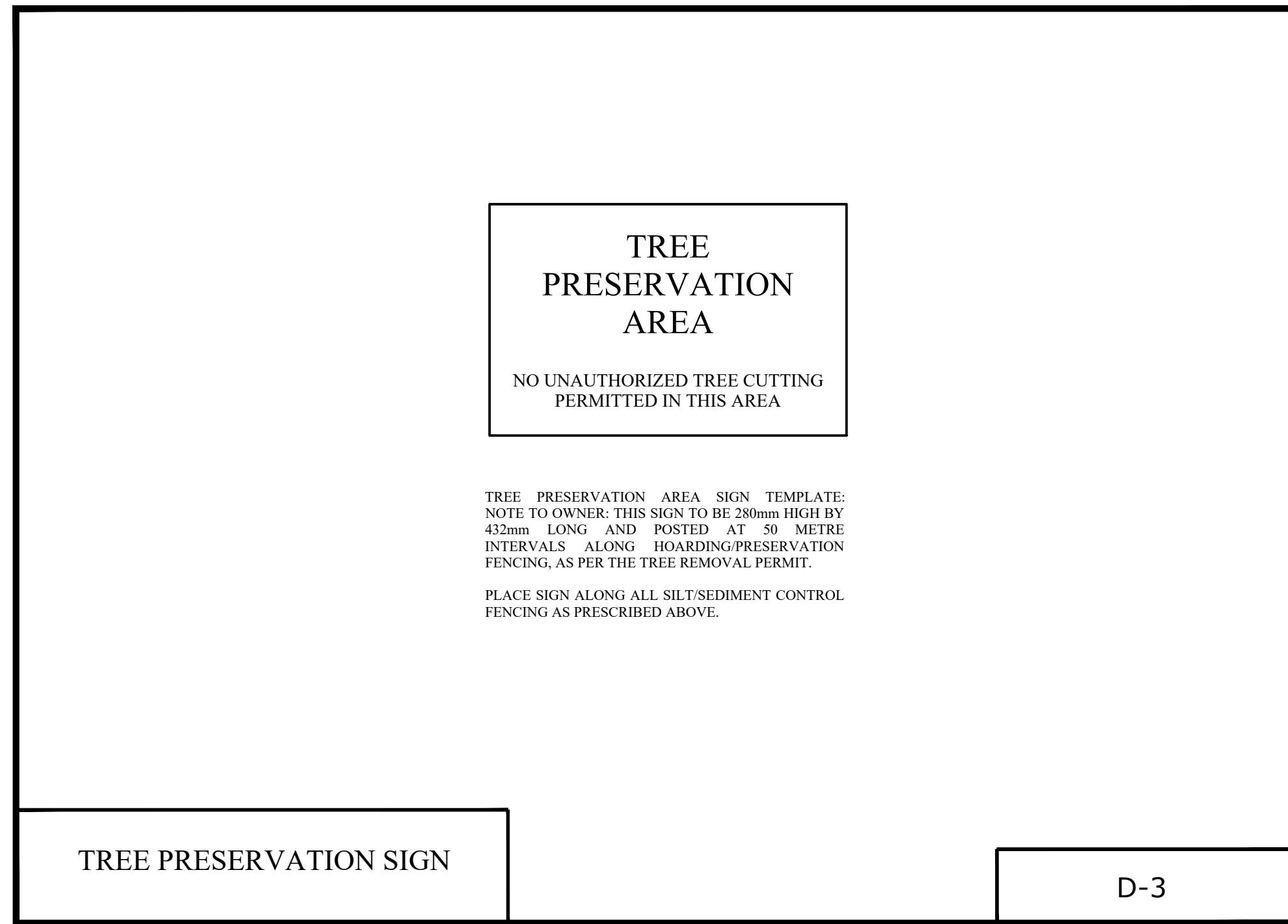
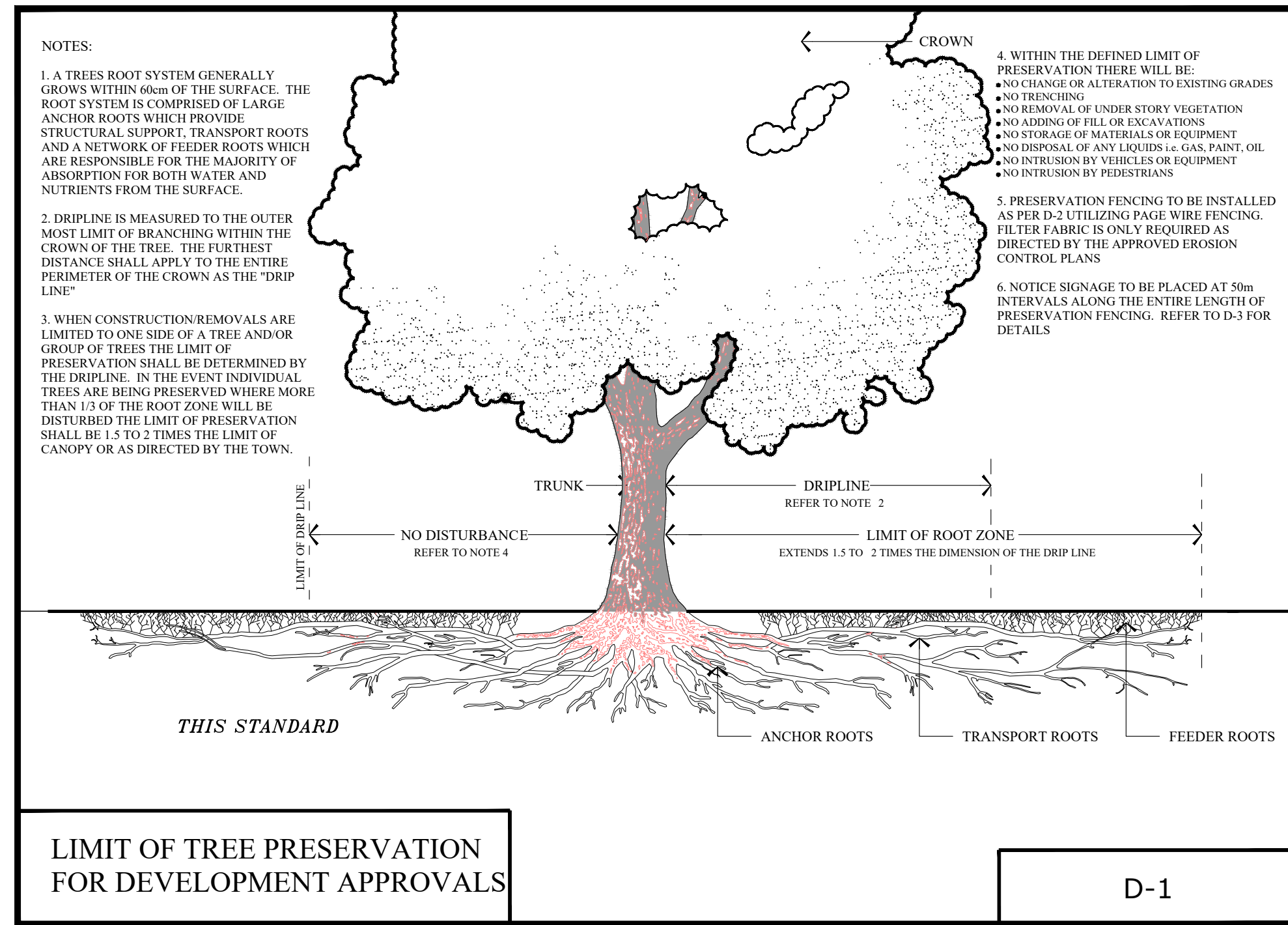
274 Burton Ave., Suite 1201
 Barrie, Ontario
 L4N 5W4

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 Tel: 705-722-6278

1255 Fuller Avenue
 Town of Penetanguishene, ON

TREE INVENTORY/PRESERVATION PLAN

SCALE: 1:500	DESIGNED BY: IT	REVIEWED BY: NB
TOWN FILE No.	OUR FILE REF. # 39-22	TP-1



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.

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 LOCATED AT THE EDGES OF ALL PRESERVATION AREAS REGARDLESS OF SIZE ARE TO BE PRUNED OF DEAD AND DISEASED LIMBS AND INDIVIDUAL SPECIMENS AND ARE TO BE REMOVED IN ACCORDANCE WITH ACCEPTED HORTICULTURAL PRACTICES AND TO THE SATISFACTION OF THE TOWN OF PENETANGUISHENE UNDER THE DIRECT SUPERVISION OF THE LANDSCAPE ARCHITECT.

IN THE EVENT THAT A TREE THAT HAS BEEN DESIGNATED FOR PRESERVATION IS DAMAGED OR REMOVED WITHOUT PRIOR WRITTEN PERMISSION FROM THE LANDSCAPE ARCHITECT AND TOWN OF PENETANGUISHENE, THE LAND OWNER SHALL BE RESPONSIBLE FOR THE REMOVAL AND OR DAMAGE OF THE TREE.

SPECIFICATIONS FOR PRESERVATION & PROTECTION

PRIOR TO THE COMMENCEMENT OF ANY CONSTRUCTION WORKS, ALL TREES OR 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 DRIPLINE (REFER TO D-2).

EQUIPMENT 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 DRIPLINE 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 DRIPLINE OF TREES NOT DESIGNATED FOR REMOVAL, EQUIPMENT SHALL NOT BE OPERATED WITHIN THAT DRIPLINE AREA. WHEN CONTRACT WORK MUST BE COMPLETED WITHIN THE DRIPLINE OF TREES NOT DESIGNATED FOR REMOVAL, OPERATION OF EQUIPMENT WITHIN THAT DRIPLINE SHALL BE KEPT TO THE MINIMUM AMOUNT REQUIRED TO COMPLETE THE WORKS. PRIOR TO THE COMMENCEMENT OF SUCH WORKS THE LANDSCAPE ARCHITECT AND TOWN OF PENETANGUISHENE 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 BE GIVEN BY THE LANDSCAPE ARCHITECT AND TOWN OF PENETANGUISHENE 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 TOWN OF PENETANGUISHENE.

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.

GENERAL TREE PRESERVATION PROCESS

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 TOWN OF PENETANGUISHENE PARKS PLANNING STAFF AND THE LANDSCAPE ARCHITECT/ARBORIST.
2. THE LANDSCAPE ARCHITECT/ARBORIST AND THE TOWN OF PENETANGUISHENE 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.
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 TOWN OF PENETANGUISHENE STAFF AND THE LANDSCAPE ARCHITECT/ARBORIST. ANY ADDITIONAL TREES TO BE REMOVED WILL BE NOTED BY THE TOWN OF PENETANGUISHENE PARKS PLANNING STAFF AND LANDSCAPE ARCHITECT/ARBORIST.
9. ALL TREES ON ADJACENT PRIVATE LAND SHALL RECEIVE DRIPLINE PROTECTION.

GENERAL NOTES FOR TREE PRESERVATION AND PROTECTION



GENERAL NOTES

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No.	REVISION	DATE	APPRVD.
1.	FIRST SUBMISSION TO THE TOWN OF PENETANGUISHENE	August 21, 2023	ST

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C.T. STRONGMAN SURVEYING LTD.
Ontario Land Surveyors
1000 Highway 8 E.
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BASE PLAN REVISED: 2023

Client info:
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Angelo Lavino & Richard Dapra
647-200-9879

ACCEPTED BY:

DATE:

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J.D.B. ASSOCIATES LIMITED

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Landscape Architects
Arborists

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Town of Penetanguishene, ON

TREE PRESERVATION DETAILS

SCALE: NTS	DESIGNED BY: IT	REVIEWED BY: NB
TOWN FILE No.	OUR FILE REF. # 39-22	TP-2