Inventory Date
June 17, 2021

TREE INVENTORY
Balsam Road at Old Mountain Road, Collingwood, Ontario

Arborist : Patricia Thomson
Thomson Watson Consulting Arborist Inc.

Tree No.	Tree Species	Latin Binomial	Diameter (cm)	Canopy Radius (m)	Condition	Comments
1	Little Leaf Linden	Tilia cordata	14.5	2	fair	very slow growth, sand on open soil area
2	Silver Maple	Acer saccharinum	16.5	2	good	
3	Silver Maple	Acer saccharinum	11.5	1.5	fair	Oystershell Scale on branches, tree splits into two stems at 2m
4	Scots Pine	Pinus sylvestris	36	3.5	good	tree splits into two stems at 4 m with included bark in union, small interior deadwood
5	Scots Pine	Pinus sylvestris	27	2.5	good	
6	Scots Pine	Pinus sylvestris	29.5	3.5	good	
7	Little Leaf Linden	Tilia cordata	13	2	poor-fair	top leader dying, thinning
8	Little Leaf Linden	Tilia cordata	10	1.5	poor	leader dead with dieback down trunk to 30 cm, lateral branches alive
9	Silver Maple	Acer saccharinum	15.5	2	fair	girdling roots above and belowground, Cottony Maple Scale on branches
10	Little Leaf Linden	Tilia cordata	18	3	poor-fair	leader dead - squeezed out due to tight arrangement of branches at 2 m
11	Little Leaf Linden	Tilia cordata	16.5	3	poor-fair	leader dead - squeezed out due to tight arrangement of branches at 2 - 2.25 m
12	Little Leaf Linden	Tilia cordata	12	2.5	fair	leader dying/thin, crack in trunk mid canopy
13	Silver Maple	Acer saccharinum	13.5	2.5	fair	Cottony Maple Scale on branches, slow growth
14	Silver Maple	Acer saccharinum	13	2.5	fair	Cottony Maple Scale on branches, slow growth
15	Little Leaf Linden	Tilia cordata	13	2	poor-fair	dieback in canopy, slow growth
16	Honeylocust	Gleditsia triacanthos	12.5	3	fair	interior deadwood
17	Honeylocust	Gleditsia triacanthos	13.5	3	fair	
18	Little Leaf Linden	Tilia cordata	16	2	good	
19	Austrian Pine	Pinus nigra	29.5	3	good	
20	Austrian Pine	Pinus nigra	30	3	good	
21	Colorado Spruce	Picea pungens	25 caliper	3.5	good	thick canopy to ground
22	Colorado Spruce	Picea pungens	25 caliper	3	good	thick canopy to ground
23	Colorado Spruce	Picea pungens	23 caliper	3	good	thick canopy to ground
24	Little Leaf Linden	Tilia cordata	17	2.5	good	thick canopy
25	Colorado Spruce	Picea pungens	26 caliper	3	good	thick canopy to ground
26	Colorado Spruce	Picea pungens	25 caliper	3	good	thick canopy to ground
27	Austrian Pine	Pinus nigra	30	3	good	on mound of soil
28	Austrian Pine	Pinus nigra	29	2.5	good	on mound of soil, tree splits into two stems at 3 m with included bark in union
29	Japanese Tree Lilac	Syringa reticulata	12	2	good	frost damage to leaves
30	Japanese Tree Lilac	Syringa reticulata	9	2	fair	frost damage to leaves
31	Chokecherry	Prunus virginiana	17.5 at 1.1m	4	poor-fair	extensive Black Knot on branches, interfering branches

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TREE INVENTORY
Balsam Road at Old Mountain Road, Collingwood, Ontario

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Thomson Watson Consulting Arborist Inc.

Tree No.	Tree Species	Latin Binomial	Diameter (cm)	Canopy Radius (m)	Condition	Comments
32	Chokecherry	Prunus virginiana	15.5 at 90 cm	2.5	poor structure	canker on west side of trunk from 1 to 2 m covering over 50% of circumference, canker on north side of trunk from 2 to 2.25 m covering 1/3 circumference, extensive Black Knot
33	Chokecherry	Prunus virginiana	15.5 at 90 cm	2.5	poor structure	wound on street side of base, trunk splits into four stems at 1 m wit included bark in unions and tight upright growth, extensive Black Knot
34	Chokecherry	Prunus virginiana	18 at 1 m	2.5	poor structure	canker on west side of trunk from 1 to 1.6 m covering 1/2 circumference, Black Knot
35	Chokecherry	Prunus virginiana	9.5	2.5	good	no Black Knot seen on branches, sprouts at base
36	Chokecherry	Prunus virginiana	16.5	3	poor structure	three cankers on trunk, extensive Black Knot
37	Japanese Tree Lilac	Syringa reticulata	14.5 at 1.1	2	poor-fair structure	wound on trunk from ground to 1.3 m
38	Japanese Tree Lilac	Syringa reticulata	11	2	fair	overgrown by Tree 39 Pine
39	Austrian Pine	Pinus nigra	25	4.5	good	
40	Austrian Pine	Pinus nigra	32 caliper	3.5	good	tree splits into two stems at 3 m
41	Colorado Spruce	Picea pungens	30 caliper	3	good	full canopy to ground
42	Colorado Spruce	Picea pungens	25 caliper	3	good	full canopy to ground, Pitch Mass Borer
43	Japanese Tree Lilac	Syringa reticulata	10	2	fair-good	
44	Little Leaf Linden	Tilia cordata	16	2.5	good	
45	Colorado Spruce	Picea pungens	22 caliper	3	good	full canopy to ground
46	Japanese Tree Lilac	Syringa reticulata	8.5	2	good	
47	Colorado Spruce	Picea pungens	15 caliper	2	good	full canopy to ground
48	Austrian Pine	Pinus nigra	26	3.5	good	lower trunk deadwood
49	Austrian Pine	Pinus nigra	26 at 1.2 m	3.5	good	tree splits into two stems at 1.4 m with included bark in union, lower trunk deadwood
50	Austrian Pine	Pinus nigra	28.5	4	good	lower trunk deadwood
51	Silver Maple	Acer saccharinum	22	3	good	girdling root on north side
52	Silver Maple	Acer saccharinum	19.5	3	good	girdling roots - above and below ground - around circumference
53	Silver Maple	Acer saccharinum	27	3	good	tight arrangement of branches at 2 m from grade with upright growth
54	Chokecherry	Prunus virginiana	16 at 1.2 m	1.5	poor structure	Black Knot canker on north side of trunk so leader dead, sprouts only
55	Chokecherry	Prunus virginiana	14	3	fair	canker on north side of trunk 1.3 m, Black Knot
56	Chokecherry	Prunus virginiana	13 at 80 cm	2	poor structure	canker on north side trunk covering 1/2 circumference, full canopy, Black Knot
57	Amur Maple	Acer ginnala	11.5	2.5	fair	slow growth, interior deadwood

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TREE INVENTORY
Balsam Road at Old Mountain Road, Collingwood, Ontario

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Thomson Watson Consulting Arborist Inc.

Tree No.	Tree Species	Latin Binomial	Diameter (cm)	Canopy Radius (m)	Condition	Comments
58	Amur Maple	Acer ginnala	12	2.5	fair	wounds on lower trunk north side, lower deadwood
59	Amur Maple	Acer ginnala	12	2	fair	sprouts on trunk, interior deadwood
60	Chokecherry	Prunus virginiana	17 at 70 cm	4	poor structure	canker on north side of trunk 70 cm to 1.4 m, Black Knot
61	Chokecherry	Prunus virginiana	17 at 80 cm	3	poor structure	canker on north side of trunk 80 cm to 1.5 m, canker on southside of trunk from 90 cm to 1.7 m, Black Knot
62	Amur Maple	Acer ginnala	19.5	3	poor structure	wounds up all sides of trunk from ground to 2 m, extensive deadwood
63	Amur Maple	Acer ginnala	18	2.5	good	
64	Chokecherry	Prunus virginiana	14	2.5	poor-fair structure	canker on west side at 2 m, canker on north side trunk at 2.5 m, Black Knot
65	Chokecherry	Prunus virginiana	13.5	2.5	fair	Black Knot
66	Chokecherry	Prunus virginiana	15.5	3	poor structure	canker south side of trunk 1.2 to 1.6 m (1/3 circumference), canker on west and south side of trunk at 2 m (1/2 circumference)
67	Amur Maple	Acer ginnala	15.5	2.5	fair	sprouts on trunk, interior deadwood
68	Amur Maple	Acer ginnala	11.5	2	fair	interior deadwood
69	Amur Maple	Acer ginnala	8.5	2	poor-fair	extensive interior deadwood
70	Chokecherry	Prunus virginiana	14.5 at 1.1 m	3	poor structure	canker on west side trunk 1.1 to 1.8 m - leader dead, lateral branches alive, Black Knot
71	Amur Maple	Acer ginnala	14	2.5	fair	interior deadwood
72	Amur Maple	Acer ginnala	7.5	1	poor	top dead, trunk sprouts and dehydrated lateral branches
73	Amur Maple	Acer ginnala	11.5	2.5	fair	interior deadwood
74	Amur Maple	Acer ginnala	8	1.5	fair	interior deadwood
75	Chokecherry	Prunus virginiana .	12.5	4	poor structure	canker on north side of trunk 1.1 to 1.6 m (1/2 circumference), Black Knot
76	Chokecherry	Prunus virginiana	13	4	poor structure	canker on SE side of trunk 1.1 to 1.5 m (1/2 circumference), Black Knot
77	Chokecherry	Prunus virginiana	8	2	poor structure	canker on trunk at 2 m, Black Knot
78	Chokecherry	Prunus virginiana	9		dead	
79	Chokecherry	Prunus virginiana	8.5	2	fair	Black Knot
80	Amur Maple	Acer ginnala	11.5	2.5	fair	lower interior deadwood
81	Amur Maple	Acer ginnala	12	3	poor-fair	sprouts on trunk, interior deadwood
82	Amur Maple	Acer ginnala	11.5	3	fair	

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TREE INVENTORY
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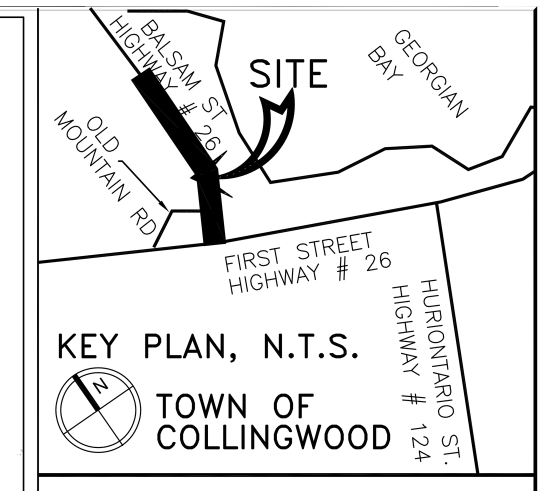
Tree No.	Tree Species	Latin Binomial	Diameter (cm)	Canopy Radius (m)	Condition	Comments
83	Amur Maple	Acer ginnala	13	3	fair	extensive surface roots within 50 cm of trunk
84	Amur Maple	Acer ginnala	14	3	fair	
85	Amur Maple	Acer ginnala	14.5	3.5	fair	extensive surface roots within 50 cm of trunk
86	Chokecherry	Prunus virginiana	13 at 1 m	1.5	poor structure	canker at 1.4 m on south side (1/2 circumference), Black Knot
87	Chokecherry	Prunus virginiana	17	2.5	poor-fair structure	canker on north side from 1 to 1.5 m, northeast side 2 m, Black Knot
88	Chokecherry	Prunus virginiana	18	3.5	poor structure	canker on south east side of trunk from 1.4 to 2.25, 3 m
89	Silver Maple	Acer saccharinum	19.5	3	good	tree splits into two stems at 2.5 m
90	Silver Maple	Acer saccharinum	15	2	fair-good	lower deadwood, tree splits into two stems at 2 m
91	Silver Maple	Acer saccharinum	21.5	3	good	
92	Silver Maple	Acer saccharinum	27.5	3	good	tree splits into two stems at 4 m with included bark in union, small interior deadwood
93	Japanese Tree Lilac	Syringa reticulata	12	2	fair-good	tree splits into two stems at 1.8 m with included bark in top of union
94	Japanese Tree Lilac	Syringa reticulata	8.5	1.5	fair-good	
95	Austrian Pine	Pinus nigra	31	3	fair	
96	Austrian Pine	Pinus nigra	33	4	poor structure	tree splits into two stems at 3.5 m with included bark in union - union partially failed
97	Colorado Spruce	Picea pungens	25 caliper	3	good	full canopy to ground
98	Colorado Spruce	Picea pungens	20 caliper	3	good	full canopy to ground
99	Japanese Tree Lilac	Syringa reticulata	7.5	1.5	good	
100	Little Leaf Linden	Tilia cordata	19.5	3	good	
101	Colorado Spruce	Picea pungens	22 caliper	2	good	full canopy to ground
102	Japanese Tree Lilac	Syringa reticulata	18	2	good	
103	Colorado Spruce	Picea pungens	25 caliper	2.5	good	full canopy to ground
104	Austrian Pine	Pinus nigra	29.5	3	good	bird damage on trunk
105	Austrian Pine	Pinus nigra	22, 15	3	good	tree splits into two stems at 60 cm with included bark in union
106	Japanese Tree Lilac	Syringa reticulata	11	2	good	
107	Japanese Tree Lilac	Syringa reticulata	7.5	2	fair	lower deadwood, no root flare - possible underground girdling roots
108	Japanese Tree Lilac	Syringa reticulata	9.5	2	fair	no root flare - possible underground girdling roots
109	Silver Maple	Acer saccharinum	20.5	3	good	no root flare - possible underground girdling roots
110	Silver Maple	Acer saccharinum	19	2.5	fair	no root flare - possible underground girdling roots, dehydrated leaves, thin
111	Silver Maple	Acer saccharinum	24.5	3	fair-good	tree splits into two stems at 2 m, possible leaf frost damage
112	Colorado Spruce	Picea pungens	20	2	good	

TREES TO BE REMOVED
Balsam Road at Old Mountain Road, Collingwood, Ontario

Tree No.	Tree Species	Diameter (cm)	Condition	Comments
REMOVAL FOR STORM LINE				
123	Green Ash	21	good	no dieback, full canopy, trunk splits into three stems at 3 metres with included bark in union
124	Green Ash	21.5	good	no dieback, tree splits into two stems at 2.5 m with included bark in union
	2 trees			
POOR HEALTH OR STRUCTURE				
54	Chokecherry	16 at 1.2 m	poor structure	Black Knot canker on north side of trunk so leader dead, sprouts only
61	Chokecherry	17 at 80 cm	poor structure	canker on north side of trunk 80 cm to 1.5 m, canker on southside of trunk from 90 cm to 1.7 m, Black Knot
62	Amur Maple	19.5	poor structure	wounds up all sides of trunk from ground to 2 m, extensive deadwood
70	Chokecherry	14.5 at 1.1 m	poor structure	canker on west side trunk 1.1 to 1.8 m - leader dead, lateral branches alive, Black Knot
88	Chokecherry	18	poor structure	cankers on south east side of trunk from 1.4 to 2.25 m and 3 m
96	Austrian Pine	33	poor structure	tree splits into two stems at 3.5 m with included bark in union - union partially failed
140	Trembling Aspen	29.5	poor structure	wound north and southwest base, canker on west side trunk 2 to 3 m from grade extending around circumference, leader to west dead
	7 trees			
DEAD TREES				
78	Chokecherry	9	dead	
125	Poplar	22	dead	
134	Poplar	22.5	dead	
155	Poplar	18.5	dead	
	4 trees			



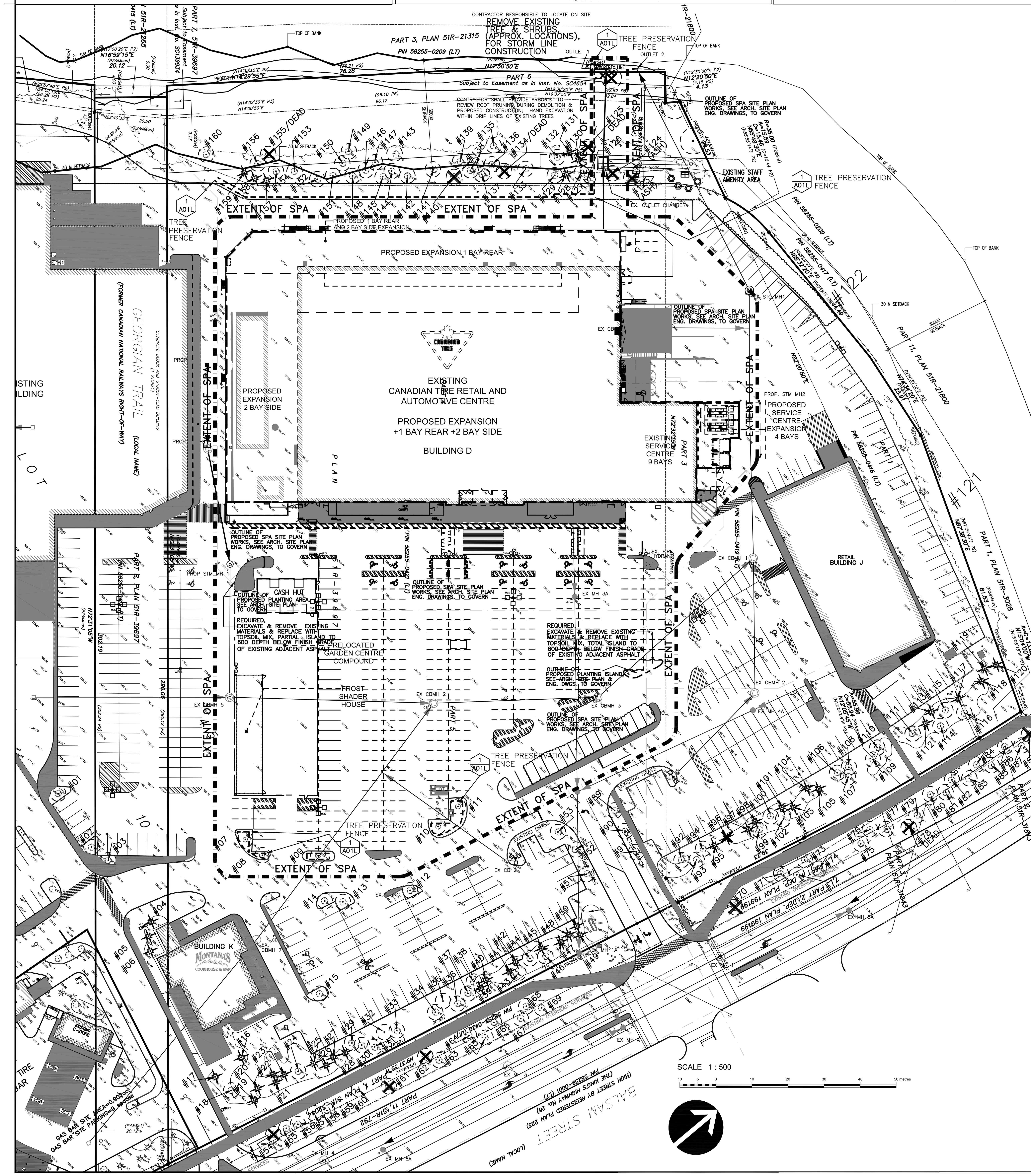
KEY PLAN, N.T.S.

TOWN OF COLLINGWOOD

IT IS THE CONTRACTOR'S RESPONSIBILITY TO:

1. Determine the location all existing services and obtain necessary stake-outs before any excavation.
2. Use figured dimensions as opposed to scaling and verify all dimensions at the site before commencing the work.
3. Report all discrepancies to the Landscape Architect and resolve before commencing the work.

DESIGN CREDIT NOTE:
EXISTING LANDSCAPE DESIGN OF CTC SITE BY:
TERRA PLAN, LANDSCAPE ARCHITECTS
20 CHAMPLAIN BLVD., UNIT 102, NORTH YORK, ONT
DRAWING REVISION # 7, DATED NOV., 11, 2003



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Tree No.	Tree Species	Latin Binomial	Diameter (cm)	Canopy Radius (m)	Condition	Comments
113	Colorado Spruce	Picea pungens	18 caliper	2	good	
114	Japanese Tree Lilac	Syringa reticulata	10.5	2	good	
115	Little Leaf Linden	Tilia cordata	16	3	fair-good	tree splits into 5 stems at 1.8 m with included bark in unions, tight arrangement of branches
116	Japanese Tree Lilac	Syringa reticulata	12 at 1.1 m	2	fair-good	sprouts at base
117	Colorado Spruce	Picea pungens	20	2	good	lower canopy sparse
118	Austrian Pine	Pinus nigra	24	2.5	good	
119	Austrian Pine	Pinus nigra	23	3	good	rust galls on branches, tree splits into two stems at 2.5 m, bird damage on trunk
120	Austrian Pine	Pinus nigra	37	3	good	bird damage on trunk
121	trees off site					2 Carolina Poplars, 18 Green Ash (some dieback), 2 Black Locust, 3 Balsam Poplar, 2 Trembling Aspens, 1 Mulberry, 1 Manitoba Maple. Edge understorey includes Buckthorn and Manitoba Maple
122	trees off site					4 Carolina Poplars, 1 Manitoba Maple. Edge understorey includes Manitoba Maple, Trembling Aspen, Green Ash, Buckthorn. Dead and dying Green Ash to north
123	Green Ash	Fraxinus pennsylvanica	21	3.5	good	no dieback, full canopy, trunk splits into three stems at 3 metres with included bark in union
124	Green Ash	Fraxinus pennsylvanica	21.5	3.5	good	no dieback, tree splits into two stems at 2.5 m with included bark in union
125	Poplar	Populus sp.	22		dead	
126	Red Maple	Acer rubrum	12	3	fair	leaves slightly yellow (chlorotic), wound west base
127	Big Toothed Aspen	Populus grandidentata	28	3	good	wound at southwest base - covering over
128	White Pine	Pinus strobus	20	2	good	tree splits into two stems at 2 m with included bark in union and upright growth, bird damage on trunk
129	Green Ash	Fraxinus pennsylvanica	24	4	fair-good	girdling root to north side of trunk, trunk splits into two stems at 2 m with included bark in union, bird holes in trunk - no dieback seen
130	White Pine	Pinus strobus	21	3	good	bird damage on trunk, Pitch Mass Borer on trunk
131	White Pine	Pinus strobus	21.5	3.5	fair	Pitch Mass Borer on trunk
132	Big Toothed Aspen	Populus grandidentata	32	4	fair	Oystershell Scale on trunk, wound at south base measuring 40 cm
133	Green Ash	Fraxinus pennsylvanica	22 at 1.2 m	3	good	trunk splits into three stems at 1.7 m with included bark in union, no dieback seen
134	Poplar	Populus sp.	22.5		dead	
135	Big Toothed Aspen	Populus grandidentata	31	4	fair	wound at northeast base, possible underground girdling roots to east and south
136	Green Ash	Fraxinus pennsylvanica	14	3.5	fair	wound at south base, trunk splits into two stems at 2.25 m

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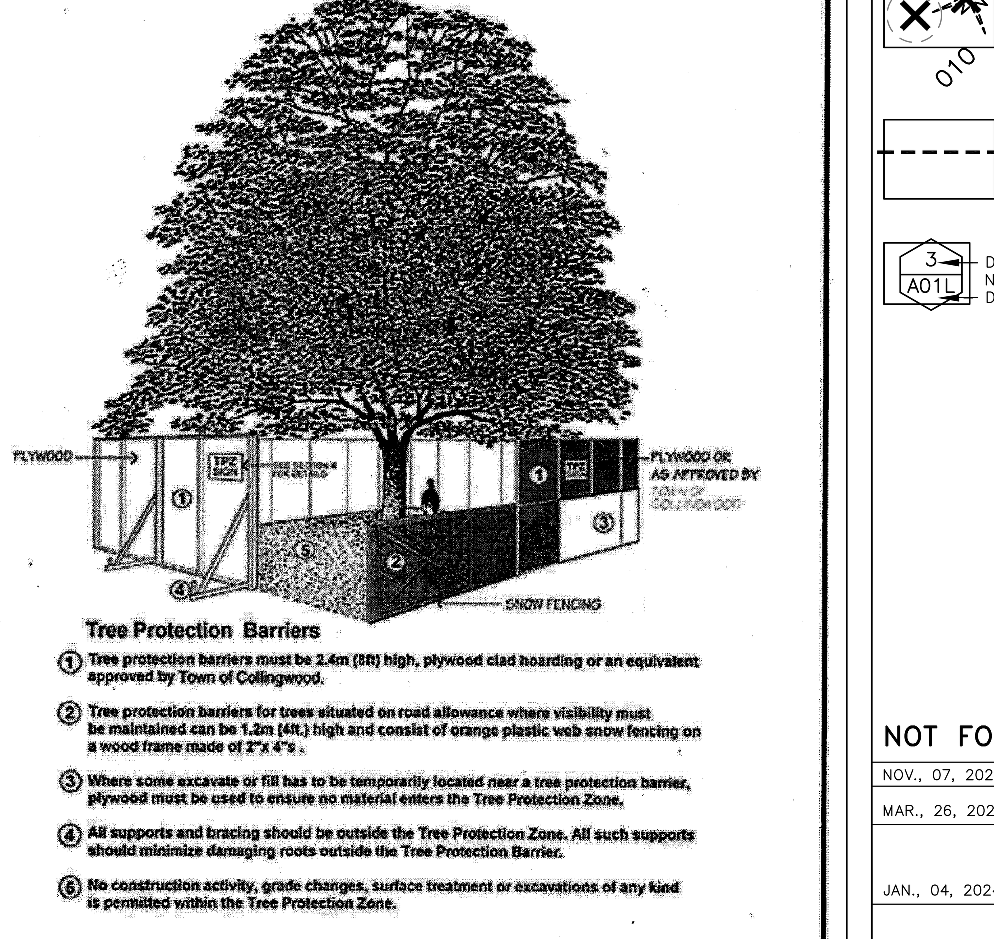
Tree No.	Tree Species	Latin Binomial	Diameter (cm)	Canopy Radius (m)	Condition	Comments
137	Trembling Aspen	Populus tremuloides	27	4	poor-fair structure	interior deadwood, canker on north trunk at 4 m
138	Trembling Aspen	Populus tremuloides	31.5, 25	6	fair	tree splits into two stems at 1.3 m and 1.8 m with included bark in union
139	Red Maple	Acer rubrum	9	2	fair	leaves slightly yellow (chlorotic), interior deadwood
140	Trembling Aspen	Populus tremuloides	29.5	6	poor structure	wound north and southwest base, canker on west side trunk 2 to 3 m from grade extending around circumference, leader to west dead
141	Green Ash	Fraxinus pennsylvanica	35 at 1.2 m	5	good	extensive sprouts on interior branches, full crown, no dieback
142	Red Maple	Acer rubrum	12	2.5	fair	leaves slightly chlorotic, slow growth
143	Trembling Aspen	Populus tremuloides	34	5	fair	tree splits into two stems at 1.7 m, small deadwood
144	Big Toothed Aspen	Populus grandidentata	34.5	5.5	good	
145	Trembling Aspen	Populus tremuloides	29	5	fair	Oystershell Scale, surface roots
146	Red Maple	Acer rubrum	8	2	fair	leaves slightly chlorotic, wounded surface roots, lower deadwood
147	Green Ash	Fraxinus pennsylvanica	14	3	good	
148	Green Ash	Fraxinus pennsylvanica	32 at 1.2 m	4.5	good	upright sprouts on lower branches, trunk splits into four stems at 2 m, full canopy
149	Trembling Aspen	Populus tremuloides	23	3	fair	lower deadwood
150	Green Ash	Fraxinus pennsylvanica	12.5	3	poor-fair	sprouts at base and on trunk, bird holes on trunk, full canopy
151	Trembling Aspen	Populus tremuloides	33	5	good	lower deadwood
152	Green Ash	Fraxinus pennsylvanica	8.5	4	fair	bird holes on trunk, wound at north base
153	Green Ash	Fraxinus pennsylvanica	19	5	good	full canopy
154	Trembling Aspen	Populus tremuloides	31	5	good	
155	Poplar	populus sp.	18.5		dead	
156	Red Maple	Acer rubrum	6	2	fair	leaves slightly chlorotic
157	Red Maple	Acer rubrum	10.5	2.5	fair	
158	Big Toothed Aspen	Populus grandidentata	20	4	good	
159	White Pine	Pinus strobus	13.5	2.5	poor-fair	broken lower branches, slow growth
160	Red Maple	Acer rubrum	11.5	2.5	fair	leaves slightly chlorotic, wound on west side trunk 50 to 90 cm from grade



Tree Protection Barriers

1. Tree protection barriers must be 2.4m (8ft) high, plywood clad hoarding or an equivalent approved by Town of Collingwood.
2. Tree protection barriers for trees situated on road allowance where visibility must be maintained can be 1.2m (4ft.) high and consist of orange plastic web snow fencing on a wood frame made of 2"x 4"s .
3. Where some excavate or fill has to be temporarily located near a tree protection barrier, plywood must be used to ensure no material enters the Tree Protection Zone.
4. All supports and bracing should be outside the Tree Protection Zone. All such supports should minimize damaging roots outside the Tree Protection Barrier.
5. No construction activity, grade changes, surface treatment or excavations of any kind is permitted within the Tree Protection Zone.

NO.	REVISION	APR'D	DATE

TOWN OF COLLINGWOOD — TREE PROTECTION — APR'D: EDH — DRAWN: — DATE: JAN/03 — SCALE: NTS — STD. No. 1110

LANDSCAPE LEGEND

- DENOTES APPROXIMATE LOCATION OF EXISTING TREES TO REMAIN, AS INDICATED; READ IN CONJUNCTION WITH ARBORIST REPORT BY THOMSON & WATSON CONSULTING ARBORISTS ALL EXISTING PLANTINGS TO BE MULCHED AS SPECIFIED, (100 COVER)
- DENOTES APPROXIMATE LOCATION OF EXISTING TREES TO BE REMOVED DUE TO POOR / DEAD CONDITION & ROOTS TO 45 CM BELOW GRADE; READ IN CONJUNCTION WITH ARBORIST REPORT BY THOMSON & WATSON CONSULTING ARBORISTS
- DENOTES APPROXIMATE LOCATION OF TREE PRESERVATION FENCE, AS INDICATED; TOWN DETAIL 1110 & NOTES, DWG. A-01L
- 3 / A01L — DENOTES PROPOSED CONSTRUCTION DETAIL NUMBER; DENOTES DRAWING NO OF DETAIL

NOTES & SPECIFICATION DUPLICATE, FROM ARBORIST REPORT

Re: Tree Preservation and Protection Report (Arborist Report) for Canadian Tire Store at Old Mountain Road and Balsam Street, Collingwood

TREE PROTECTION SPECIFICATIONS
The following Tree Protection Specifications should be followed to protect the trees to be preserved from construction injury.

1.0 Adherence to Conditions from Town of Collingwood
1.1 Compliance with all conditions specified by Town of Collingwood is required.

1.2 Prior to site disturbance the owner must confirm that no migratory birds 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.

2.0. Tree Protection Barrier Installation
2.1 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 Town of Collingwood.

2.2 Tree Protection Barriers shall be erected to protect the trunk and root system of the trees that will remain on the construction site.

2.3 The Tree Protection Barriers will be placed as shown on the Tree Preservation Plan. The following described the placement of the Barriers relative to the protected trees.
Trees 7, 8, 9, 10, 11 – around edge of landscape islands
Trees 126 – 160 – along edge of driveway curb, extending length of building, along north side of grouping 1.8 metres north of Tree 126, extending from curb to creek.

2.4 The Fence around Trees 7, 8, 9, 10 and 11 will be a constructed of L-shaped supports created from 2 by 4 wood placed 4 feet apart covered with orange snow fencing. A 2-inch by 4-inch wood board will be attached to the top, bottom and diagonals of the snow fencing to provide rigidity to the Fence. The fencing will be securely fastened to the supports. The supports will be anchored in such a way that the Fence cannot be moved but roots are not injured. The bottom of the fence will touch the ground. There will be no gaps in the fence. (See Detail STD No. 1110 below)

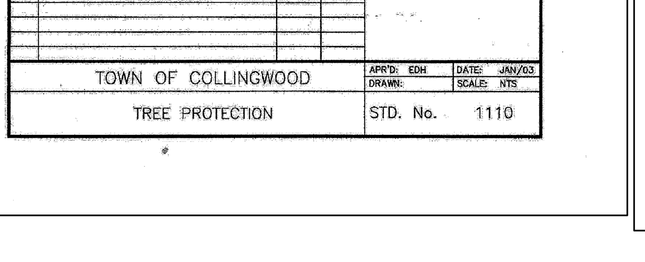
2.5 The Fence adjacent to Trees 126 to 160 will be a barricade constructed of L-shaped supports created from 2 by 4 wood placed 4 feet apart covered with 3/4-inch thick, 4-foot high by 8-foot wide plywood or an equivalent material acceptable to the Town of Collingwood. The plywood fencing will be secured attached to each support it covers. The supports will be anchored in such a way that the Fence cannot be moved but roots are not injured. The bottom of the fence will touch the ground. There will be no gaps in the fence. (See Detail STD No. 1110 below)

2.6 To the tree side of the Tree Protection Barrier, the following will be required:
- no disturbance or alteration of the existing grade of any kind;
- no addition of fill, excavating, or scraping to change the grade;
- no storage of building materials or equipment;
- no storage of surplus soil, construction waste, or debris over the root systems of the protected trees;
- no disposal (dumping or flushing) of contaminants or liquids;
- no movement of vehicles (personal or business), equipment or pedestrians.

2.7 Placement of the following items will be outside of the Tree Protection Barrier: parking for construction workers, garbage bins, construction equipment, building supplies, lunch area, washroom facilities. The area to the tree side of the Tree Protection Barrier will not be used for any purpose except the protection of trees and their roots.

2.8 Signs shall be attached to all sides of the Barrier denoting the purpose of the Barrier and indicating the Barrier cannot be moved or removed without the consent of the Town of Collingwood. The sign should be a minimum of 40 cm x 60 cm (15.7" x 23.6") and made of white gator board or equivalent material. The sign will read as follows:

> **TREE PROTECTION ZONE (TPZ)**
> No grade change, storage of materials, vehicles or equipment is permitted within this TPZ. This tree protection barrier must not be removed without the written authorization of the Town of Collingwood, Planning Services.
> For information, call the Planning Services Department at xxx-xxx-xxxx



Tree Protection Barriers
1. Tree protection barriers must be 2.4m (8ft) high, plywood clad hoarding or an equivalent approved by Town of Collingwood.
2. Tree protection barriers for trees situated on road allowance where visibility must be maintained can be 1.2m (4ft.) high and consist of orange plastic web snow fencing on a wood frame made of 2"x 4"s .
3. Where some excavate or fill has to be temporarily located near a tree protection barrier, plywood must be used to ensure no material enters the Tree Protection Zone.
4. All supports and bracing should be outside the Tree Protection Zone. All such supports should minimize damaging roots outside the Tree Protection Barrier.
5. No construction activity, grade changes, surface treatment or excavations of any kind is permitted within the Tree Protection Zone.
TOWN OF COLLINGWOOD — TREE PROTECTION — APR'D: EDH — DATE: JAN/03 — SCALE: NTS — STD. No. 1110

2.9 Town of Collingwood will be contacted once the Barriers have been erected so the Barriers can be inspected. Photographs that clearly show the installed tree/site protection shall be provided for Town of Collingwood review.

2.10 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 Town of Collingwood. Where changes to the location of the approved TPZ or sediment control or where temporary access to the TPZ is proposed, Town of Collingwood must be contacted to obtain approval prior to alteration

3.0 Construction Phase Tree Protection
3.1 Soil that is dug up from the building foundations will be removed off site immediately. A small amount of soil may be stockpiled outside of the Tree Protection Barriers for backfilling the foundation. Any additional soil will be brought in when needed.

3.2 No pruning of the crowns of any tree is permitted by construction staff. If branches are found to be in the way of construction activities or traffic, pruning of trees should be arranged by the Site Supervisor with competent Arborists.

3.3 New underground utilities will be placed outside of the driplines of any tree, to avoid root injury to the trees.

4.0 Post Construction Tree Maintenance
4.1 When all construction has ceased and grading outside the Tree Protection Barriers is complete, Town of Collingwood will be contacted to arrange a site visit. Completeness of the project will be determined.

4.2 Once permission from Town of Collingwood is granted, the Tree Protection Barriers may be removed.

READ IN CONJUNCTION WITH ARBORIST REPORT BY THOMSON WATSON CONSULTING ARBORISTS INC. DATED JANUARY 04, 2024

CORPORATION OF THE TOWN OF COLLINGWOOD; APPROVAL BOX

THIS DRAWING SHALL BE USED ONLY FOR PRESERVATION, REMOVALS, & FOR LAYOUT INSTALLATION OF LANDSCAPE MATERIALS & WORK

A-01L TREE PRESERVATION PLAN
A-02L LANDSCAPE PLAN

NOT FOR CONSTRUCTION

DATE	REV.	DESCRIPTION	DRN BY
NOV., 07, 2024	09	RE-ISSUED FOR SPA	DWK
MAR., 26, 2024	08	REISSUED FOR SPA, BASED ON RAI SITE PLAN DATED MAR. 2024	DWK
JAN., 04, 2024	07	REISSUED FOR SPA, BASED ON RAI SITE PLAN & ENG. DWGS. DATED JAN., 2024; & TOWN / ENVISIONTATHAM COMMENTS DATED OCTOBER 20, 2023	DWK
JULY, 14, 2023	06	REISSUED FOR SPA, BASED ON RAI SITE PLAN & ENG. DWGS. DATED JULY, 2023; & TOWN / ENVISIONTATHAM COMMENTS DATED APRIL 01. 2023	DWK
DEC., 12, 2022	05	REISSUED FOR SPA, BASED ON RAI SITE PLAN & ENG. DWGS. DATED DECEMBER, 2022	DWK
OCT., 26, 2022	04	ISSUED FOR REVIEW, BASED ON RAI SITE PLAN DATED OCT., 26, 2022	DWK
AUG., 09, 2022	03	ISSUED FOR REVIEW, BASED ON RAI SITE PLAN DATED AUG., 09, 2022	DWK
JAN., 06, 2022	02	ISSUED FOR REVIEW, BASED ON RAI SITE PLAN DATED JAN, 06, 2022, ARBORIST REPORT DATED JAN., 2022	DWK
JUNE 11, 2021	01	DRAFT, BASED ON TFAI SITE PLAN DATED JUNE, 2021, ARBORIST REPORT DATED JULY 2021	DWK

REVISION RECORD

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AJAX, Ontario
L1S 6B4
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e-mail: rai@raiarchitect.com

THE ODAN/DETECH GROUP CONSULTING ENGINEERS
5230 SOUTH SERVICE ROAD, BURLINGTON, ONTARIO L7L 5K2
OFF: (905) 632-3811 FAX: (905) 632-3363

DWK Douglas W. Kerr & Associates Ltd.
LANDSCAPE ARCHITECT
1595 SIXTEENTH AVENUE, SUITE 301
RICHMOND HILL, ONTARIO L4B 3N9
Tel 416-410-5190 & 905-709-7433
email: dwkerr@interlog.com

ONTARIO ASSOCIATION OF LANDSCAPE ARCHITECTS — D.W. KERR — MEMBER

NOT FOR CONSTRUCTION

NORTH ARROW

NOVEMBER 07, 2024

COLLINGWOOD STORE NO. 108

CANADIAN TIRE REAL ESTATE LIMITED
2180 YONGE ST., P.O. BOX 770, STATION K, TORONTO, CANADA M4P 2V8

CONTRACTOR MUST CHECK AND VERIFY ALL DIMENSIONS AND BE RESPONSIBLE FOR SAME REPORTING ANY DISCREPANCIES BEFORE COMMENCING WORK.
LATEST APPROVED DRAWING ONLY TO BE USED FOR CONSTRUCTION, PRINTS ARE NOT TO BE SCALED.

PROJECT
PROPOSED RETAIL STORE EXPANSION
55 MOUNTAIN ROAD, (88 BALSAM ST.)
COLLINGWOOD, ONTARIO

DRAWING TITLE: TREE PRESERVATION PLAN — DRAWING No. A-01L

CKD. DWK — DATE NOV., 07, 2024
SCALE 1:500 METRIC — JOB No. 21-1756

CITY FILE #: D002621 D110723