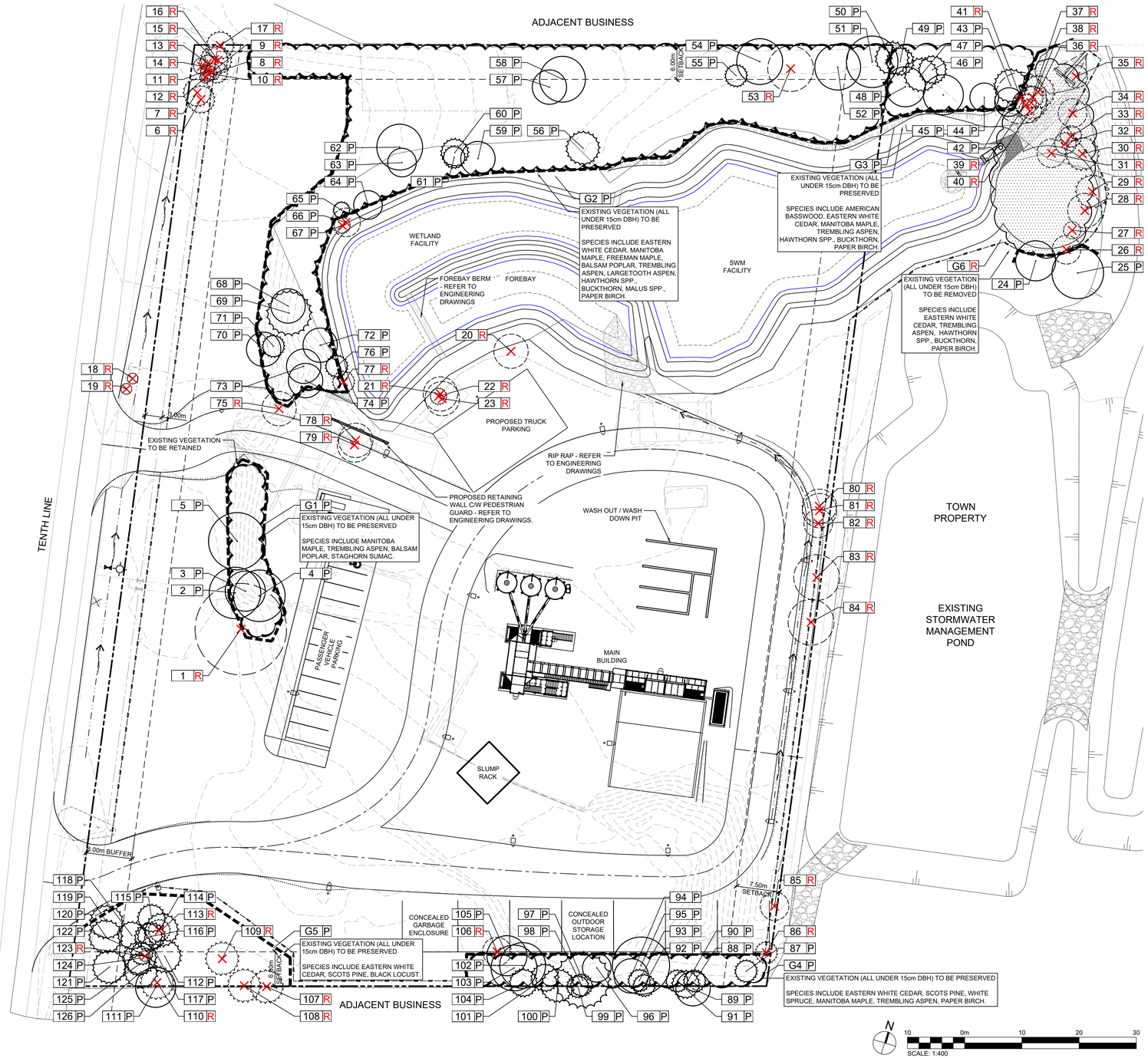


TREE PRESERVATION PLAN GENERAL NOTES

GENERAL

1. ALL EXISTING TREES AT PROPERTY BOUNDARIES AND ON ADJACENT PROPERTIES SHALL BE PRESERVED AND PROTECTED. WHERE TREES WHICH THAT ARE LOCATED AT SHARED PROPERTY BOUNDARIES OR ON ADJACENT PROPERTIES ARE IDENTIFIED BY THIS PLAN TO SUSTAIN INJURY OR REQUIRE REMOVAL, THE OWNER OF THE ADJACENT PROPERTY'S WRITTEN PERMISSION IS REQUIRED PRIOR TO ANY CONSTRUCTION OR REMOVALS WORKS COMMENCE.

TREE PROTECTION FENCING

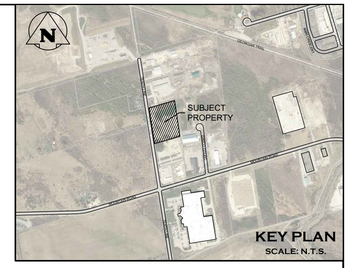
1. THE CONTRACTOR SHALL INSTALL TREE PROTECTION FENCING (TPF) TO PROTECT TREES IDENTIFIED FOR PRESERVATION.
2. ALL TPF WILL CONFORM WITH THE DETAIL(S) INCLUDED ON THESE PLANS. WHERE CURRENT GOVERNING MUNICIPAL/CITY STANDARDS DIFFER, CONTACT THE PROJECT CONTRACT ADMINISTRATOR FOR DIRECTION.
3. NO SUBSTITUTIONS OF MATERIALS, PRODUCTS OR QUANTITIES WILL BE ACCEPTED WITHOUT THE PRIOR WRITTEN PERMISSION OF THE PROJECT CONTRACT ADMINISTRATOR.
4. UPON INSTALLATION OF THE TPF, THE CONTRACTOR SHALL CONTACT THE PROJECT CONTRACT ADMINISTRATOR TO REVIEW AND APPROVE THE FENCING AND LOCATION(S) IN WRITING PRIOR TO COMMENCEMENT OF ANY SITE WORK.
5. THE TPF SHALL REMAIN IN THE APPROVED LOCATIONS THROUGHOUT THE DURATION OF THE SITE WORKS AND SHALL NOT BE MOVED AT ANY TIME TO ACCOMMODATE CONSTRUCTION OR SITE WORK.
6. THE CONTRACTOR SHALL INSPECT TPF WEEKLY AND MAINTAIN AS REQUIRED THROUGH ALL STAGES OF DEVELOPMENT/CONSTRUCTION. THE TPF SHALL BE REMOVED AT THE COMPLETION OF ALL SITE WORKS AND DISTURBED AREAS SHALL BE RESTORED TO ORIGINAL CONDITION.

TREE PRESERVATION

1. THE TREE PROTECTION ZONE (TPZ) IS PROTECTED AND DELINEATED BY THE TPF. THE CONTRACTOR IS NOT TO PROCEED IN UNCERTAINTY.
2. ANY POTENTIAL OR INCURRED INJURY/DAMAGE TO ADJACENT TREE(S) IDENTIFIED TO BE PRESERVED SHALL BE IMMEDIATELY REPORTED TO THE PROJECT CONTRACT ADMINISTRATOR AND REVIEWED ON SITE. INJURY/DAMAGE INCLUDES ANY REQUIRED ARBORICULTURAL TREATMENT INCLUDING BUT NOT LIMITED TO: LIMB PRUNING, TRUNK DAMAGE, ROOT EXPOSURE OR REQUIRED CUTTING/REMOVAL OR ANY OTHER ACTIVITY THAT HAS THE POTENTIAL TO HARM THE TREE.
3. THE TPZ IS NOT TO BE USED FOR ANY TYPE OF STORAGE INCLUDING MATERIALS, EQUIPMENT OR STOCKPILES.
4. NO TRENCHING OR TUNNELING FOR UNDERGROUND SERVICES SHALL OCCUR WITHIN THE TPZ.
5. ANY EQUIPMENT USE WITHIN THE TPZ WILL BE RESTRICTED THROUGHOUT ALL STAGES OF DEVELOPMENT. THIS APPLIES TO TPZS WITHIN OR OUTSIDE OF THE PROJECT LIMIT LINE.
6. ABSOLUTELY NO ALTERATION OF GRADES OR CONSTRUCTION ACTIVITY IS PERMITTED WITHIN THE TPF AND TPZ. ABSOLUTELY NO FLUSHING OF CONTAMINANT SHALL BE PERMITTED TOWARDS OR WITHIN THE TPZ.
7. WHEN WORKING ADJACENT TO TREES TO BE PRESERVED SITE PREPARATION MEASURES SUCH AS PRUNING FOR OVERHEAD CLEARANCE MAY BE REQUIRED. PREPARATORY PRUNING SHALL ONLY BE PERFORMED WHEN COMPLETED BY OR UNDER THE DIRECT SUPERVISION OF AN ISA CERTIFIED ARBORIST (OR APPROVED QUALIFIED PERSON AS APPROVED BY THE PROJECT ARBORIST).
8. ALL PRUNING WORK SHALL BE PERFORMED BY A QUALIFIED INDIVIDUAL AND SHALL BE IN ACCORDANCE WITH CURRENT HORTICULTURAL PRACTICES INCLUDING BUT NOT LIMITED TO:
   a. PRUNING CUTS SHALL BE MADE JUST BEYOND THE BRANCH COLLAR AND SHOULD BE LIMITED TO THINNING CUTS. HEADING CUTS WILL ONLY BE ACCEPTED IN SPECIFIC CASES AS DIRECTED BY AN PROJECT CONTRACT ADMINISTRATOR AND SHOULD BE AVOIDED WHERE POSSIBLE.
   b. PRUNING OF ALL STEMS GREATER THAN 50 MM IN DIAMETER SHOULD BE MADE WITH A THREE-CUT METHOD TO AVOID TEARING LIVING BARK TISSUE.
   c. NO WOUND DRESSINGS SHALL BE APPLIED.
16. WHERE SOIL EXCAVATION/GRADING WORK IS REQUIRED WITHIN THE ROOTING ZONE OF A TREE TO BE PRESERVED (THE ROOTING ZONE OFTEN EXTENDS BEYOND THE IDENTIFIED TPZ AND CAN BE 3 TIMES THE DRIPLINE RADIUS OR MORE):
   a. ROOTS SHALL BE CLEANLY SEVERED BEFORE STRIPPING AND REMOVING SOIL TO AVOID DAMAGE TO THE TREE AND THE ROOT SYSTEM. ROOTS TO BE CUT USING APPROPRIATE EQUIPMENT (I.E. TRENCHER ADAPTED TO THIS SPECIFIC USE/CHAINSAW/ROOT PRUNING MACHINE). ROOTS MAY BE SEVERED USING THE CLEAN EDGE OF A STRAIGHT EXCAVATOR BUCKET UNDER SUPERVISION OF AN ISA CERTIFIED ARBORIST.
   b. NO ATTEMPTS TO CUT EXISTING ROOTS WITH THE DIGGING BUCKET OF ANY HEAVY MACHINERY WILL BE PERMITTED AS IT CAN CAUSE THE ROOTS TO TEAR AND PULL AND BE HARMFUL TO ROOT REGENERATION AND RECOVERY.
   c. ANY EXPOSED ROOTS OF A TREE TO BE PRESERVED WITH A DIAMETER GREATER THAN 2.5CM (1 INCH) SHALL BE PRUNED BACK TO THE SOIL FACE.
   d. AN EXCAVATION AREA WITHIN THE TPZ SHALL BE BACKFILLED IMMEDIATELY AND/OR ROOTS SHALL BE KEPT CONSTANTLY MOIST WITH BURLAP COVERED WITH WHITE PLASTIC AND CHECKED A MINIMUM OF 2 TIMES A DAY, FOR A MAXIMUM OF 48 HOURS. IF ROOTS ARE TO BE EXPOSED FOR A PERIOD GREATER THAN 48 HOURS, THE EXPOSED AREA SHALL BE COVERED WITH A MINIMUM OF 150 MM (6 INCHES) OF MULCH AND MAINTAINED IN A MOIST CONDITION DURING CONSTRUCTION UNTIL THE AREA CAN BE PROPERLY BACKFILLED.
17. TREES SHALL NOT HAVE ANY RIGGING CABLES, FENCING, SIGNAGE OR HARDWARE OF ANY SORT ATTACHED OR WRAPPED AROUND THEM.
18. NO CONTAMINANTS OR TOXIC MATERIALS SHALL BE DUMPED OR FLUSHED WHERE THEY MAY COME INTO CONTACT WITH THE FEEDER ROOTS OF TREES TO BE PRESERVED.
19. THE CONTRACTOR WILL BE HELD RESPONSIBLE FOR ALL AVOIDABLE DAMAGE TO PRESERVED TREES DURING ALL STAGES OF CONSTRUCTION.
20. WATERING OR OTHER MAINTENANCE OF TREES TO BE PRESERVED MAY BE REQUIRED IF CONSTRUCTION ACTIVITIES ARE OBSERVED TO BE CAUSING STRESS OR IMPACTING HEALTH AS DETERMINED BY THE PROJECT ARBORIST.

TREE REMOVALS

1. PRIOR TO THE COMMENCEMENT OF TREE REMOVALS, ALL TREES DESIGNATED FOR REMOVAL MUST BE CLEARLY IDENTIFIED IN THE FIELD.
2. WHERE POSSIBLE, REMOVALS, CHIPPING, AND/OR BRUSH REMOVAL IS TO BE COMPLETED OUTSIDE THE WINDOW OF APRIL 1 TO AUGUST 31. THIS WINDOW ACCOUNTS FOR ACTIVE BIRD NESTING AND BAT MATERNITY ROOSTING PERIODS. WHERE REMOVALS MUST OCCUR WITHIN THE RESTRICTED ACTIVITY WINDOW, NEST AND ROOSTING HABITAT ASSESSMENTS TO PROTECT SPECIES PROTECTED UNDER THE MIGRATORY BIRDS CONVENTION ACT, 1994 AND ENDANGERED SPECIES ACT, 2007. THESE SURVEYS MUST BE COMPLETED BY A QUALIFIED BIOLOGIST OR ORNITHOLOGIST.
3. TREES SHALL ALWAYS BE FELLED AWAY FROM ADJACENT PRESERVED TREES TO PREVENT AVOIDABLE DAMAGE TO THE CROWNS AND STEMS.



LEGEND

- PROPERTY BOUNDARY
- HEAVY DUTY SILT FENCE
- EXISTING VEGETATION TO BE REMOVED
- EDGE OF VEGETATION TO BE RETAINED AND PROTECTED
- TREE PROTECTION FENCE
- EXISTING DECIDUOUS TREE TO BE REMOVED
- EXISTING CONIFEROUS TREE TO BE REMOVED
- EXISTING DECIDUOUS TREE TO BE RETAINED OR PROTECTED
- EXISTING CONIFEROUS TREE TO BE RETAINED OR PROTECTED

TREE IDENTIFICATION TAGS

- 0 P — TREE TO BE PRESERVED
- 0 I — TREE TO BE INJURED
- 0 R — TREE TO BE REMOVED

1. THIS DRAWING IS THE EXCLUSIVE PROPERTY OF C.F. CROZIER & ASSOCIATES INC. AND THE MODIFICATION AND/OR REPRODUCTION OF ANY PART OF THIS DRAWING IS STRICTLY PROHIBITED WITHOUT WRITTEN AUTHORIZATION FROM THIS OFFICE.
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3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, LEVELS, AND DATUMS ON SITE AND REPORT ANY DISCREPANCIES OR OMISSIONS TO C.F. CROZIER & ASSOCIATES INC. PRIOR TO CONSTRUCTION.
4. THIS DRAWING IS TO BE READ AND UNDERSTOOD IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTS APPLICABLE TO THIS PROJECT.
5. ALL EXISTING UNDERGROUND UTILITIES TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
6. DO NOT SCALE DRAWINGS.

Town

No.	ISSUE	DATE: YYYY/MM/DD
0	ISSUED FOR 4TH SUBMISSION	2026/08/28

ARBORIST

MATTHEW CAMPBELL (ON-3008-A), TRAQ

Project

555 TENTH LINE
TOWN OF COLLINGWOOD

Drawing

TREE PRESERVATION PLAN

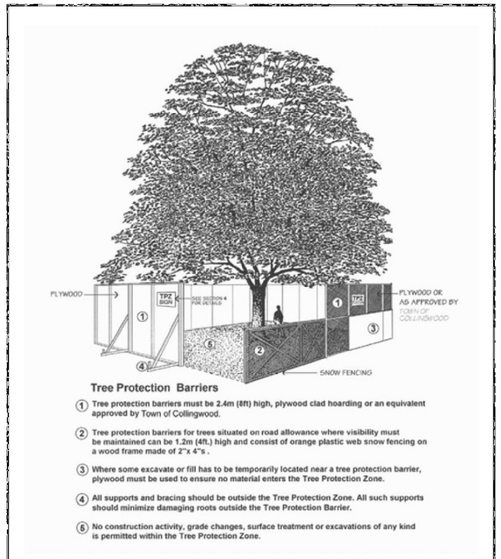
CROZIER CONSULTING ENGINEERS

Drawn By	Design By	Project
M.M.	M.C./M.M.	2577-6904
Check By: M.C./A.P.	Check By	Drawing: TPP-1

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TREE INVENTORY CHART

ID	*Botanical Name*	Common Name	DBH (cm)	Multi-stem DBH (cm)	Radius (m)	Trunk Integrity	Crown Structure	Crown Vigor	Ownership	Directive	Comments
1	*Acer negundo*	Manitoba Maple	21,27,28,28,20,18,18	62	8	Poor	Fair	Fair	Private	**Remove**	Multi-stem at base. Existing trunk one. Dead branches throughout canopy.
2	*Acer negundo*	Manitoba Maple	25,15,14,15	36	4.5	Fair	Fair	Fair	Private	Preserve	Multi-stem at base. Dead branches in canopy.
3	*Acer negundo*	Manitoba Maple	16,17	23	3.5	Fair	Fair	Fair	Private	Preserve	Codominant at base. Dead branches in canopy.
4	*Populus tremuloides*	Trembling Aspen	28		4.5	Poor	Poor	Fair	Private	Preserve	Trunk wound at base and halfway. Signs of the decay. Dead branches in canopy.
5	*Populus tremuloides*	Trembling Aspen	26,20,25,18	45	5	Poor	Poor	Poor	Private	Preserve	Multi-stem at base. Signs of decay throughout. Dead main leader.
6	*Thuja occidentalis*	Eastern White Cedar	24		2.5	Dead	Dead	Dead	Private	**Remove**	Standing dead.
7	*Thuja occidentalis*	Eastern White Cedar	20		2.5	Dead	Dead	Dead	Private	**Remove**	Standing dead.
8	*Thuja occidentalis*	Eastern White Cedar	15,17,16	28	2	Poor	Poor	Poor	Private	**Remove**	Thin canopy. Stem damage. Vines in canopy.
9	*Thuja occidentalis*	Eastern White Cedar	17,11	20	1.5	Poor	Poor	Poor	Private	**Remove**	Thin canopy. Stem damage. Vines in canopy. Canopy suppressed by adjacent trees.
10	*Thuja occidentalis*	Eastern White Cedar	15		1.5	Poor	Poor	Poor	Private	**Remove**	Thin canopy. Canopy suppressed by adjacent trees.
11	*Thuja occidentalis*	Eastern White Cedar	16		1	Fair	Fair	Fair	Private	**Remove**	Canopy suppressed by adjacent trees.
12	*Thuja occidentalis*	Eastern White Cedar	22		1	Fair	Fair	Fair	Private	**Remove**	Canopy suppressed by adjacent trees.
13	*Thuja occidentalis*	Eastern White Cedar	16,12	20	1.5	Good	Good	Good	Private	**Remove**	Co-dominant at base.
14	*Thuja occidentalis*	Eastern White Cedar	18		1.5	Fair	Fair	Fair	Private	**Remove**	
15	*Thuja occidentalis*	Eastern White Cedar	25,25	35	2.5	Fair	Good	Good	Private	**Remove**	Co-dominant at base.
16	*Thuja occidentalis*	Eastern White Cedar	30		2.5	Good	Fair	Good	Private	**Remove**	One-sided canopy. Canopy suppressed by adjacent trees.
17	*Thuja occidentalis*	Eastern White Cedar	29		2.5	Good	Good	Good	Private	**Remove**	
18	*Thuja occidentalis*	Eastern White Cedar	31,12,18	38	1	Dead	Dead	Dead	Public	**Remove**	Standing dead.
19	*Thuja occidentalis*	Eastern White Cedar	21		1	Dead	Dead	Dead	Public	**Remove**	Standing dead.
20	*Betula papyrifera*	Paper Birch	13,15	20	3	Good	Fair	Good	Private	**Remove**	Vines in canopy.
21	*Betula papyrifera*	Paper Birch	18		3	Good	Good	Good	Private	**Remove**	Growing on bank on pond.
22	*Thuja occidentalis*	Eastern White Cedar	16,10	19	1.5	Fair	Fair	Fair	Private	**Remove**	Co-ominant at base. Growing on bank on pond. Canopy suppressed by adjacent trees.
23	*Populus balsamifera*	Balsam Poplar	15		3	Fair	Fair	Fair	Private	**Remove**	Leaning to the south. Growing on bank on pond.
24	*Betula papyrifera*	Paper Birch	16,15	22	3.5	Good	Good	Good	Town	Preserve	Co-ominant at base. Growing on bank on pond.
25	*Betula papyrifera*	Paper Birch	28		4.5	Poor	Fair	Fair	Town	Preserve	Dead/broken leader. Signs of decay. Dead branches in canopy.
26	*Tilia americana*	American Basswood	15		2.5	Good	Good	Good	Town	**Remove**	
27	*Betula papyrifera*	Paper Birch	19		1.5	Dead	Dead	Dead	Town	**Remove**	Standing dead.
28	*Tilia americana*	American Basswood	18,9	20	3	Fair	Fair	Fair	Town	**Remove**	Co-dominant at base. Signs of insect damage.
29	*Thuja occidentalis*	Eastern White Cedar	34		3	Fair	Fair	Fair	Town	**Remove**	Canopy suppressed by adjacent trees. Co-dominant at 2 m.
30	*Thuja occidentalis*	Eastern White Cedar	36,20	41	3	Fair	Fair	Fair	Town	**Remove**	Codominant at base. Dead branches in canopy.
31	*Populus tremuloides*	Trembling Aspen	16		2.5	Good	Fair	Good	Town	**Remove**	Dead branches in canopy.
32	*Thuja occidentalis*	Eastern White Cedar	16		2	Good	Good	Good	Town	**Remove**	
33	*Thuja occidentalis*	Eastern White Cedar	16		2	Good	Good	Good	Town	**Remove**	
34	*Populus tremuloides*	Trembling Aspen	16		2.5	Fair	Fair	Good	Town	**Remove**	Old trunk wound at base.
35	*Tilia americana*	American Basswood	18,10	21	2	Fair	Fair	Fair	Town	**Remove**	Codominant at base. Signs of decay. Signs of insect damage.
36	*Thuja occidentalis*	Eastern White Cedar	32		3	Good	Good	Good	Town	**Remove**	Slight lean to the east.
37	*Thuja occidentalis*	Eastern White Cedar	30		2	Fair	Good	Good	Town	**Remove**	Significant lean to the east.
38	*Thuja occidentalis*	Eastern White Cedar	42		3	Good	Good	Good	Town	**Remove**	Slight lean to the east.
39	*Thuja occidentalis*	Eastern White Cedar	21		2	Good	Fair	Good	Town	**Remove**	One-sided canopy.
40	*Tilia americana*	American Basswood	18		2	Fair	Fair	Fair	Town	**Remove**	Signs of decay on stem. Dead branches in canopy.
41	*Betula papyrifera*	Paper Birch	30		4.5	Good	Good	Good	Town	**Remove**	
42	*Betula papyrifera*	Paper Birch	18		2.5	Good	Fair	Fair	Town	Preserve	Dead branches in canopy.
43	*Thuja occidentalis*	Eastern White Cedar	28		3	Fair	Fair	Fair	Town	Preserve	Canopy suppressed by adjacent trees. One stem bent and damaged.
44	*Betula papyrifera*	Paper Birch	16		2.5	Good	Good	Good	Town	Preserve	
45	*Betula papyrifera*	Paper Birch	16,15,12,12	28	3.5	Fair	Fair	Good	Town	Preserve	Multi-stem at base. Dead branches in canopy.
46	*Thuja occidentalis*	Eastern White Cedar	17,17	24	2.5	Good	Good	Good	Town	Preserve	Codominant at base.
47	*Thuja occidentalis*	Eastern White Cedar	29,16,12,22	42	3	Good	Good	Good	Town	Preserve	Multistem at base.
48	*Betula papyrifera*	Paper Birch	15,10,10	21	3.5	Fair	Fair	Fair	Town	Preserve	Multistem at base. Dead branches in canopy.
49	*Thuja occidentalis*	Eastern White Cedar	19,18,19	32	2.5	Good	Good	Good	Town	Preserve	Multistem at base.
50	*Thuja occidentalis*	Eastern White Cedar	24		3	Good	Good	Good	Town	Preserve	
51	*Populus tremuloides*	Trembling Aspen	24,34	42	4.5	Good	Fair	Good	Private	Preserve	Co-dominant at base. Dead branches in canopy.
52	*Populus tremuloides*	Trembling Aspen	32		4	Poor	Poor	Poor	Private	Preserve	Signs of decay throughout. Dead branches in canopy. 90% canopy dead. Vines in
53	*Salix nigra*	Black Willow	30,20,22	42	4	Dead	Dead	Dead	Private	**Remove**	Standing dead. Multi-stem at base.
54	*Populus tremuloides*	Trembling Aspen	35		4	Fair	Fair	Fair	Private	Preserve	Dead branches in canopy.
55	*Thuja occidentalis*	Eastern White Cedar	15		2	Good	Good	Good	Private	Preserve	
56	*Thuja occidentalis*	Eastern White Cedar	19		3	Good	Good	Good	Private	Preserve	
57	*Tilia americana*	American Basswood	24,12	27	3	Fair	Fair	Fair	Private	Preserve	Dead branches in canopy.
58	*Tilia americana*	American Basswood	24,22,20	38	4	Fair	Fair	Fair	Private	Preserve	Dead branches in canopy.
59	*Betula papyrifera*	Paper Birch	16		3	Good	Good	Good	Private	Preserve	
60	*Thuja occidentalis*	Eastern White Cedar	27		2.5	Good	Good	Good	Private	Preserve	
61	*Thuja occidentalis*	Eastern White Cedar	16,14	21	2	Good	Good	Good	Private	Preserve	Co-dominant at base.
62	*Populus tremuloides*	Trembling Aspen	35		4	Fair	Poor	Fair	Private	Preserve	Dead branches at canopy. Leaning to the east. Signs of decay at base.
63	*Populus tremuloides*	Trembling Aspen	16		2.5	Poor	Poor	Poor	Private	Preserve	Over 90% dead.
64	*Betula papyrifera*	Paper Birch	18		2.5	Good	Good	Good	Private	Preserve	
65	*Thuja occidentalis*	Eastern White Cedar	16		2.5	Good	Good	Good	Private	Preserve	
66	*Betula papyrifera*	Paper Birch	19		2.5	Good	Good	Good	Private	Preserve	Leaning to the east.
67	*Thuja occidentalis*	Eastern White Cedar	17		1.5	Good	Good	Good	Private	Preserve	Going on side on Bank.
68	*Populus balsamifera*	Balsam Poplar	23		3	Fair	Fair	Fair	Private	Preserve	Dead branches in canopy.
69	*Thuja occidentalis*	Eastern White Cedar	28		4	Good	Good	Good	Private	Preserve	
70	*Populus balsamifera*	Balsam Poplar	15,15	21	3	Poor	Poor	Poor	Private	Preserve	Large wound at base. Dead branches in canopy.
71	*Thuja occidentalis*	Eastern White Cedar	16		2	Good	Good	Good	Private	Preserve	
72	*Populus balsamifera*	Balsam Poplar	17		3	Poor	Poor	Poor	Private	Preserve	Over 90% dead.
73	*Populus balsamifera*	Balsam Poplar	24		3	Fair	Fair	Fair	Private	Preserve	Wounds on stem. Dead branches in canopy.
74	*Populus balsamifera*	Balsam Poplar	25		3	Fair	Fair	Fair	Private	Preserve	Wounds on stem. Dead branches in canopy.
75	*Betula papyrifera*	Paper Birch	21,15	26	3	Fair	Fair	Fair	Private	**Remove**	Codominant at base. Vines in canopy.
76	*Thuja occidentalis*	Eastern White Cedar	18		2	Good	Good	Good	Private	Preserve	Going on side of bank.
77	*Thuja occidentalis*	Eastern White Cedar	15		2	Good	Good	Good	Private	**Remove**	Going on side of bank.
78	*Populus grandidentata*	Largetooth Aspen	19		3	Good	Good	Good	Private	**Remove**	
79	*Populus grandidentata*	Largetooth Aspen	24		3	Good	Good	Good	Private	**Remove**	Adjacent to building.
80	*Populus grandidentata*	Largetooth Aspen	16		3	Good	Good	Good	Private	**Remove**	
81	*Populus grandidentata*	Largetooth Aspen	22		3	Good	Good	Good	Private	**Remove**	
82	*Salix nigra*	Black Willow	17		2.5	Fair	Fair	Fair	Private	**Remove**	Dead branches in canopy.
83	*Populus grandidentata*	Largetooth Aspen	15,21,14	29	4	Good	Good	Good	Private	**Remove**	Multistem at base.
84	*Robinia pseudoacacia*	Black Locust	22,21	30	4	Good	Good	Good	Private	**Remove**	Codominant at 1 m.
85	*Populus balsamifera*	Balsam Poplar	17		2.5	Good	Good	Good	Private	**Remove**	
86	*Pinus sylvestris*	Scots Pine	15		2	Good	Good	Good	Private	**Remove**	
87	*Pinus sylvestris*	Scots Pine	18		2	Good	Good	Good	Private	Preserve	
88	*Thuja occidentalis*	Eastern White Cedar	17		2	Good	Good	Good	Private	Preserve	Going on side of slope.
89	*Populus tremuloides*	Trembling Aspen	17		3	Good	Good	Good	Private	Preserve	Growing on side of slope.
90	*Thuja occidentalis*	Eastern White Cedar	16,16,16	28	2.5	Good	Good	Good	Private	Preserve	Multi-stem at 1 m.
91	*Pinus sylvestris*	Scots Pine	18		2	Good	Good	Good	Private	Preserve	
92	*Pinus sylvestris*	Scots Pine	19		2	Good	Good	Good	Private	Preserve	
93	*Pinus sylvestris*	Scots Pine	22		2	Good	Good	Good	Private	Preserve	
94	*Betula papyrifera*	Paper Birch	18		3	Good	Good	Good	Private	Preserve	
95	*Populus balsamifera*	Balsam Poplar	21		5	Fair	Poor	Fair	Private	Preserve	Broken branches in canopy.
96	*Betula papyrifera*	Paper Birch	15		2.5	Fair	Fair	Fair	Private	Preserve	Old wounds on stem.
97	*Pinus sylvestris*	Scots Pine	28,22	36	5	Good	Fair	Fair	Private	Preserve	Dead branches in canopy. Co dominant at base.
98	*Thuja occidentalis*	Eastern White Cedar	15		2	Good	Good	Good	Private	Preserve	
99	*Thuja occidentalis*	Eastern White Cedar	18		2	Good	Good	Good	Private	Preserve	
100	*Thuja occidentalis*	Eastern White Cedar	19,20	28	3	Fair	Fair	Fair	Private	Preserve	Codominant at base. Dead branches in canopy.
101	*Thuja occidentalis*	Eastern White Cedar	26		2.5	Poor	Fair	Fair	Private	Preserve	Large split at base.
102	*Acer negundo*	Manitoba Maple	20		4	Good	Good	Good	Private	Preserve	
103	*Acer negundo*	Manitoba Maple	21,21	30	4	Fair	Fair	Fair	Private	Preserve	Codominant at base. Dead branches in canopy.
104	*Thuja occidentalis*	Eastern White Cedar	23		2.5	Good	Good	Good	Private	Preserve	
105	*Populus grandidentata*	Largetooth Aspen	24		3.5	Fair	Fair	Fair	Private	Preserve	One side of canopy. Dead branches and canopy.
106	*Populus balsamifera*	Balsam Poplar	23		2.5	Poor	Poor	Poor	Private	**Remove**	One side of canopy. Dead branches and canopy.
107	*Pinus sylvestris*	Scots Pine	30		3	Dead	Dead	Dead	Private	**Remove**	Standing dead.
108	*Thuja occidentalis*	Eastern White Cedar	18,20,22,27,24,20	54	3	Dead	Dead	Dead	Private	**Remove**	Standing dead.
109	*Thuja occidentalis*	Eastern White Cedar	50,41,40	76	3	Dead	Dead	Dead	Private	**Remove**	Standing dead.
110	*Thuja occidentalis*	Eastern White Cedar	19,21,22	36	3	Dead	Dead	Dead	Private	**Remove**	Standing dead.
111	*Robinia pseudoacacia*	Black Locust	18		3.5	Good	Fair	Good	Private	Preserve	One side of canopy.
112	*Thuja occidentalis*	Eastern White Cedar	21,19,12,18,11,20	42	3	Good	Good	Good	Private	Preserve	Multi-stem at base.
113	*Thuja occidentalis*	Eastern White Cedar	24,22	33	3	Dead	Dead	Dead	Private	**Remove**	Standing dead.
114	*Thuja occidentalis*	Eastern White Cedar	20		2	Good	Fair	Fair	Private	Preserve	One sided canopy. Canopy suppressed by adjacent trees.
115	*Thuja occidentalis*	Eastern White Cedar	18,19,14,15,11	35	2.5	Poor	Poor	Poor	Private	Preserve	Over 90% dead.
116	*Thuja occidentalis*	Eastern White Cedar	20,9	22	2.5	Good	Good	Good	Private	Preserve	Codominant at base.
117	*Thuja occidentalis*	Eastern White Cedar	23		2.5	Good	Good	Good	Private	Preserve	
118	*Thuja occidentalis*	Eastern White Cedar	25,25	35	2.5	Good	Good	Good	Private	Preserve	Codominant at base.
119	*Thuja occidentalis*	Eastern White Cedar	34		3	Good	Good	Good	Private	Preserve	
120	*Thuja occidentalis*	Eastern White Cedar	32		3	Good	Fair	Good	Private	Preserve	One-sided canopy.
121	*Thuja occidentalis*	Eastern White Cedar	20,15,22,24,16	44	3	Fair	Fair	Good	Private	Preserve	Multi-stem at base. Broken branches at base.
122	*Thuja occidentalis*	Eastern White Cedar	20		2	Good	Good	Good	Private	Preserve	
123	*Thuja occidentalis*	Eastern White Cedar	18		1	Dead	Dead	Dead	Private	**Remove**	Standing dead.
124	*Thuja occidentalis*	Eastern White Cedar	26,13,11	31	3	Good	Fair	Good	Private	Preserve	One-sided canopy.
125	*Thuja occidentalis*	Eastern White Cedar	15		2	Good	Fair	Good	Private	Preserve	One-sided canopy.
126	*Thuja occidentalis*	Eastern White Cedar	17,19,11,16,14	35	3	Fair	Fair	Good	Private	Preserve	Multi-stem at base.One-sided canopy. Dead branches in canopy.
G1	*Acer negundo, Populus tremuloides, Populus balsamifera, Rhus typhina*	Manitoba Maple, Trembling Aspen, Balsam Poplar, Staghorn Sumac	Under 15	-	-	Fair	Fair	Fair	Private	Preserve	All sizes under 15cm DBH. Condition ranged from good to fair. Moderate density of stems.
G2	*Thuja occidentalis, Acer negundo, Acer × freemanii, Populus balsamifera, Populus tremuloides, Crataegus spp., Rhamnus spp., Betula papyrifera*	Eastern White Cedar, Manitoba Maple, Freeman Maple, Balsam Poplar, Trembling Aspen, Hawthorn spp., Buckthorn spp., Paper Birch	Under 15	-	-	Fair	Fair	Fair	Private	Preserve	All sizes under 15cm DBH. Condition ranged from good to fair. High density of stems.
G3	*Tilia americana, Thuja occidentalis, Acer negundo, Populus tremuloides, Crataegus spp., Rhamnus cathartica, Betula papyrifera*	Basswood, Eastern White Cedar, Manitoba Maple, Trembling Aspen, Hawthorn spp., Buckthorn, Paper Birch	Under 16	-	-	Fair	Fair	Fair	Town	Preserve	All sizes under 15cm DBH. Condition ranged from good to fair. High density of stems.
G4	*Thuja occidentalis, Pinus sylvestris, Picea glauca, Acer negundo, Populus tremuloides, Betula papyrifera*	Eastern White Cedar, Scots Pine, White Spruce, Manitoba Maple, Trembling Aspen, Paper Birch	Under 17	-	-	Fair	Fair	Fair	Private	Preserve	All sizes under 15cm DBH. Condition ranged from good to fair. High density of stems.
G5	*Thuja occidentalis, Pinus sylvestris, Robinia pseudoacacia*	Eastern White Cedar, Scots Pine, Black Locust	Under 15	-	-	Fair	Fair	Fair	Private	Preserve	All sizes under 15cm DBH. Condition ranged from good to fair. Low density of stems.
G6	*Thuja occidentalis, Populus tremuloides, Crataegus spp., Rhamnus cathartica, Betula papyrifera*	Eastern White Cedar, Trembling Aspen, Hawthorn spp., Buckthorn, Paper Birch	Under 15	-	-	Fair	Fair	Fair	Private	Preserve	All sizes under 15cm DBH. Condition ranged from good to fair. Low density of stems.



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 | DATE: JAN/'03
DRAWN: | SCALE: NTS
STD. No. 1110

1 TPP-2 TREE PROTECTION

N.T.S.

Town of Collingwood Tree Canopy Coverage

Type of Tree	Canopy Size (m)	Canopy Coverage Area/Tree (m²)	Quantity	Total Canopy Coverage (m²)
Large Deciduous Trees	12	113.10	24	2,714.34
Small Coniferous Trees	4	12.57	72	904.78
Total Proposed Tree Canopy Area (m²)				3,619.11
Total Site Area (m²)				20,062.40
Existing Canopy Coverage (m²) (Within Subject Site)				3,045.00
Proposed Canopy Coverage Percentage				18.04%
Total Canopy Coverage Percentage				33.22%

1. THIS DRAWING IS THE EXCLUSIVE PROPERTY OF C.F. CROZIER & ASSOCIATES INC. AND THE MODIFICATION AND/OR REPRODUCTION OF ANY PART OF THIS DRAWING IS STRICTLY PROHIBITED WITHOUT WRITTEN AUTHORIZATION FROM THIS OFFICE.
2. THE DIGITAL FILES CONTAIN INTELLECTUAL AND DIGITAL DATA PROPERTY THAT IS THE EXCLUSIVE PROPERTY OF C.F. CROZIER & ASSOCIATES INC.
3. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS, LEVELS, AND DATUMS ON SITE AND REPORT ANY DISCREPANCIES OR OMISSIONS TO C.F. CROZIER & ASSOCIATES INC. PRIOR TO CONSTRUCTION.
4. THIS DRAWING IS TO BE READ AND UNDERSTOOD IN CONJUNCTION WITH ALL OTHER PLANS AND DOCUMENTS APPLICABLE TO THIS PROJECT.
5. ALL EXISTING UNDERGROUND UTILITIES TO BE VERIFIED IN THE FIELD BY THE CONTRACTOR PRIOR TO CONSTRUCTION.
6. DO NOT SCALE DRAWINGS.

Town

No.	ISSUE	DATE: YYYY/MM/DD
0	ISSUED FOR 4TH SUBMISSION	2026/08/28

ARBORIST

CERTIFIED ARBORIST ISA

MATTHEW CAMPBELL (ON-3008-A), TRAQ

Project: 555 TENTH LINE TOWN OF COLLINGWOOD

Drawing: TREE PRESERVATION PLAN - CHART AND DETAIL

CROZIER CONSULTING ENGINEERS

Drawn By	Design By	Project
M.M.	M.C./M.M.	2577-6904
Check By	Check By	Drawing
M.C./A.P.		TPP-2

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