

- NOTES:**
1. THIS PLAN IS TO BE READ IN CONJUNCTION WITH THE TREE CONSERVATION REPORT PREPARED BY ARCADIS;
 2. REFER TO RECOMMENDATIONS IN TREE CONSERVATION REPORT FOR TECHNIQUES TO PRESERVE TREES.

**FIRST UNITARIAN
CONGREGATION OF
OTTAWA**

**UNITARIAN
HOUSE**

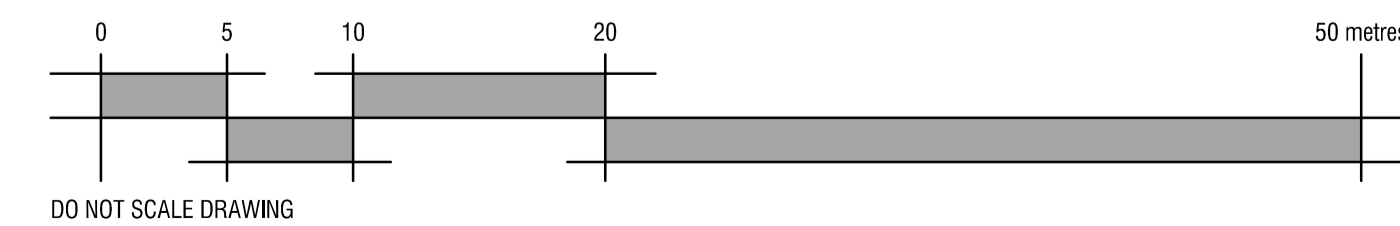
**RIVER PARKWAY
CHILDREN'S CENTRE**

CLEARY AVENUE

AYLEN AVENUE

RICHMOND ROAD

**PRELIMINARY
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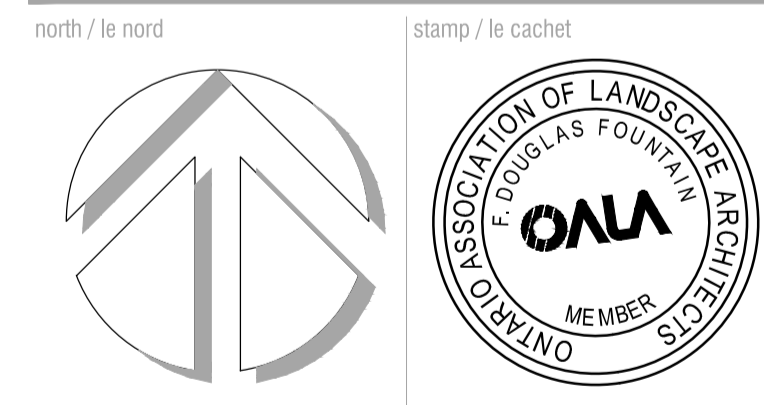


key plan / plan repère

- Legend / légende
- EXTENT OF PROPOSED UNDERGROUND GARAGE (DEEP EXCAVATION)
 - EXTENT OF PROPOSED SITE WORKS (SHALLOW EXCAVATION, RE-GRADING, SITE WORKS, PLANTING)
 - EXISTING TREE-LINE AS SURVEYED TO BE PRESERVED - REFER TO TREE CONSERVATION REPORT FOR PRESERVATION TECHNIQUES DURING CONSTRUCTION
 - CRITICAL ROOTING ZONE (CRZ) IDENTIFIED - REFER TO TABLE FOR RADIUS OF CRZ
 - EXISTING TREES TO REMAIN AND KEY NO. - REFER TO TABLE & TREE CONSERVATION REPORT
 - TREE PROTECTION FENCING
 - INDIVIDUAL TREES TO BE REMOVED AND KEY NO. - REFER TO TABLE & TREE CONSERVATION REPORT

rev'n	description / la description	yyyy/mm/dd
03	issue for coordination	2025/11/18
02	issue for coordination	2025/05/08
01	issue for coordination	2025/05/06
00	issue for coordination	2025/04/23

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project / projet
30 CLEARY AVENUE
drawing / dessin

TREE CONSERVATION PLAN

designed / conçu BM EM	drawn / dessiné BM EM	reviewed / examiné DF
date 2023/07/14		project number / No. du projet 23002
drawing number / No. du dessin TCP1		

PLOT INFORMATION: DWG NAME: P:\PROJECTS\Theia Partners\first childrens centre\30 Cleary\landscape\27 Drawings\03\Tree-Sheet-TCP1.dwg PLOT DATE: 2025-11-19 12:45:02 PM SHEET SIZE: B0 (united) (36x48.64100 MM) PLOTTED BY: Beama Mitchell LAST SAVED BY: bsmith

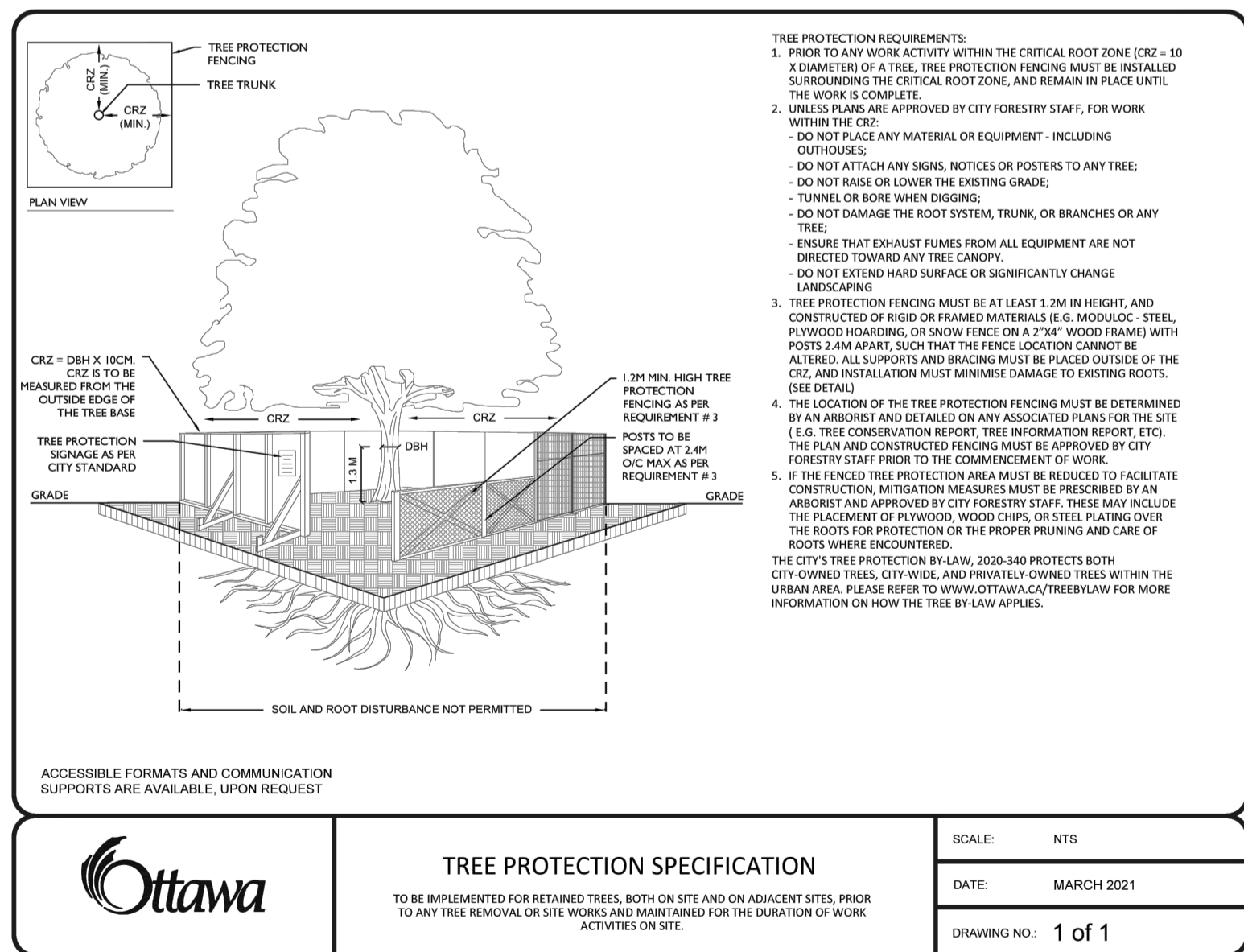
TREE INVENTORY AND ASSESSMENT TABLE								
Tree #	Common Name	Scientific Name	No. Stems	DBH (cm) * approx.	Crown Spread (m)	Condition	CRZ (m from trunk)	Impact / Recommendation
1	Ohio Buckeye	<i>Aesculus glabra</i>	1	18	5	Good	1.8	Remove
2	Eastern Cottonwood	<i>Populus deltoides ssp. deltoides</i>	1	62	11	Good	6.2	Remove
3	Eastern White Pine	<i>Pinus strobus</i>	1	12	4	Excellent	1.2	Remove
4	Black Locust	<i>Robinia pseudoacacia L.</i>	4	4;5;6;8	4	Good	0.8	Remove
5	Black Locust	<i>Robinia pseudoacacia L.</i>	1	21	4	Fair	2.1	Remove
6	Black Locust	<i>Robinia pseudoacacia L.</i>	1	20	4	Good	2.0	Remove
7	Northern Catalpa	<i>Catalpa speciosa</i>	2	44;45	9	Good	4.5	Prune and Protect
8	American Elm	<i>Ulmus americana</i>	1	42	9	Good	4.2	Retain
9	Norway Maple	<i>Acer platanoides</i>	1	39	8	Good	3.9	Retain
10	Blue Spruce	<i>Picea pungens</i>	1	29	3	Good	2.9	Retain
11	Common Hawthorn	<i>Crataegus monogyna</i>	1	11	3	Dead	1.1	Remove
12	Red Pine	<i>Pinus resinosa</i>	1	19	3	Good	1.9	Remove
13	Norway Maple	<i>Acer platanoides</i>	1	44	10	Good	4.4	Remove
14	Norway Maple	<i>Acer platanoides</i>	1	32	8	Fair	3.2	Retain
15	Norway Maple	<i>Acer platanoides</i>	1	44	7	Fair	4.4	Retain
16	Norway Maple	<i>Acer platanoides</i>	2	26;23	7	Good	2.6	Retain
17	Norway Maple	<i>Acer platanoides</i>	1	35	6	Poor	3.5	Retain
18	Norway Maple	<i>Acer platanoides</i>	1	53	9	Good	5.3	Remove
19	Northern Catalpa	<i>Catalpa speciosa</i>	1	48	6	Good	4.8	Prune and Protect
20	Norway Maple	<i>Acer platanoides</i>	1	40*	9	Good	4.0	Retain
21	Manitoba Maple	<i>Acer negundo</i>	1	58*	9	Fair	5.8	Retain
22	Norway Maple	<i>Acer platanoides</i>	1	22	7	Good	2.2	Retain
23	Manitoba Maple	<i>Acer negundo</i>	1	11	5	Good	1.1	Retain
24	Manitoba Maple	<i>Acer negundo</i>	3	10;11;14	6	Good	1.4	Retain
25	Manitoba Maple	<i>Acer negundo</i>	3	11;22;34*	7	Fair	3.4	Retain
26	Red Pine	<i>Pinus resinosa</i>	1	35	6	Good	3.5	Retain
27	Red Pine	<i>Pinus resinosa</i>	1	34	5	Good	3.4	Retain
28	Norway Maple	<i>Acer platanoides</i>	2	11;13	5	Good	1.3	Retain
29	Red Pine	<i>Pinus resinosa</i>	1	35	5	Good	3.5	Retain
30	Norway Maple	<i>Acer platanoides</i>	1	15	5	Good	1.5	Retain
31	Red Pine	<i>Pinus resinosa</i>	1	35	5	Good	3.5	Retain
32	Norway Maple	<i>Acer platanoides</i>	1	10	4	Good	1.0	Retain
33	Red Pine	<i>Pinus resinosa</i>	1	19	3	Good	1.9	Retain
34	Norway Maple	<i>Acer platanoides</i>	1	13	4	Good	1.3	Retain
35	American Elm	<i>Ulmus americana</i>	2	50;47*	10	Good	5.0	Retain
36	Red Pine	<i>Pinus resinosa</i>	1	34	6	Good	3.4	Retain
37	Red Pine	<i>Pinus resinosa</i>	1	35	5	Good	3.5	Retain
38	Norway Maple	<i>Acer platanoides</i>	2	13;10	6	Poor	1.3	Retain
39	Horse Chestnut	<i>Aesculus hippocastanum</i>	1	13	4	Good	1.3	Remove
40	Red Pine	<i>Pinus resinosa</i>	1	35	5	Good	3.5	Retain
41	Red Pine	<i>Pinus resinosa</i>	1	36	3	Fair	3.6	Retain
42	Norway Maple	<i>Acer platanoides</i>	2	38;59	8	Poor	5.9	Retain
43	Red Pine	<i>Pinus resinosa</i>	1	33	2	Poor	3.3	Retain
44	Red Pine	<i>Pinus resinosa</i>	1	34	4	Good	3.4	Retain
45	Red Pine	<i>Pinus resinosa</i>	1	41	6	Good	4.1	Retain
46	Norway Maple	<i>Acer platanoides</i>	1	18	5	Good	1.8	Retain
47	Norway Maple	<i>Acer platanoides</i>	1	54	12	Poor	5.4	Retain
48	Norway Maple	<i>Acer platanoides</i>	1	17	5	Good	1.7	Retain
49	Red Maple	<i>Acer rubrum</i>	1	18	5	Good	1.8	Retain
50	Eastern White Cedar	<i>Thuja occidentalis</i>	1	12	3	Good	1.2	Retain
51	Eastern White Cedar	<i>Thuja occidentalis</i>	1	15	4	Good	1.5	Retain
52	Red Pine	<i>Pinus resinosa</i>	1	36	7	Good	3.6	Remove
53	Manitoba Maple	<i>Acer negundo</i>	1	13	5	Fair	1.3	Remove
54	River Birch	<i>Betula nigra</i>	1	18;19	4	Good	1.9	Remove
55	Weeping Norway Spruce	<i>Picea abies "Pendula"</i>	1	<10	3	Good	1.4	Remove
56	Silver Maple	<i>Acer saccharinum</i>	1	61	10	Good	6.1	Retain
57	Silver Maple	<i>Acer saccharinum</i>	1	42	7	Good	4.2	Retain
58	Austrian Pine	<i>Pinus nigra</i>	1	15	3	Good	1.5	Retain
59	Ginkgo	<i>Ginkgo biloba</i>	1	15	3	Good	1.5	Remove
60	White Spruce	<i>Picea glauca</i>	1	21	5	Good	2.1	Retain
61	White Spruce	<i>Picea glauca</i>	1	22	6	Good	2.2	Retain
62	Willow sp.	<i>Salix spp.</i>	3	41;45;46	11	Good	4.6	Retain
63	White Spruce	<i>Picea glauca</i>	1	18	4	Good	1.8	Retain
64	Katsura tree	<i>Cercidiphyllum japonicum</i>	10	15	4	Good	1.5	Retain
65	Willow sp.	<i>Salix spp.</i>	1	22	5	Fair	2.2	Retain
66	White Spruce	<i>Picea glauca</i>	1	13	3	Good	1.3	Retain
67	Norway Maple	<i>Acer platanoides</i>	1	10	3	Good	1.0	Remove
68	Northern Catalpa	<i>Catalpa speciosa</i>	1	32	6	Fair	3.2	Retain
69	Eastern Cottonwood	<i>Populus deltoides ssp. deltoides</i>	1	42	5	Good	4.2	Retain
70	Black Walnut	<i>Juglans nigra</i>	1	17	4	Good	1.7	Retain
71	Eastern Cottonwood	<i>Populus deltoides ssp. deltoides</i>	2	25;36	5	Good	3.6	Retain
72	Butternut	<i>Juglans cinerea</i>	1	24	5	Good	2.4	Retain
73	Tulip Tree	<i>Liriodendron tulipifera</i>	1	27	6	Good	2.7	Retain
74	Northern Catalpa	<i>Catalpa speciosa</i>	1	61	7	Good	6.1	Retain
75	Red Oak	<i>Quercus rubra</i>	1	45	8	Good	4.5	Retain
76	Eastern White Pine	<i>Pinus strobus</i>	1	19	5	Good	1.9	Prune and Protect
77	Oranmental spp.		1	18	3	Good	1.8	Retain
78	Burr Oak	<i>Quercus macrocarpa</i>	1	21	6	Good	2.1	Retain
79	Chokecherry	<i>Prunus virginiana</i>	5	5;6;7;7;8	5	Good	0.8	Retain
80	Silver Maple	<i>Acer saccharinum</i>	2	43;45	10	Good	4.5	Remove
81	Dead		2	17;18		Dead	1.8	Retain
82	Norway Maple	<i>Acer platanoides</i>	1	16	3	Good	1.6	Retain
83	American Elm	<i>Ulmus americana</i>	1	14	3	Good	1.4	Retain
84	Dead		1	25		Dead	2.5	Retain
85	Norway Maple	<i>Acer platanoides</i>	1	18	4	Good	1.8	Retain
86	Common Buckthorn	<i>Rhamnus cathartica</i>	1	7		Good	0.7	Retain
87	Dead		1	8		Dead	0.8	Retain
88	Norway Maple	<i>Acer platanoides</i>	1	26	5	Good	2.6	Retain

Tree #	Common Name	Scientific Name	No. Stems	DBH (cm) * approx.	Crown Spread (m)	Condition	CRZ (m from trunk)	Impact / Recommendation
89	Siberian Elm	<i>Ulmus pumila</i>	3	31;32;44	9	Fair	4.4	Retain
90	Malus sp.	<i>Malus spp.</i>	1	32	5	Poor	3.2	Retain
91	Norway Maple	<i>Acer platanoides</i>	1	13	3	Good	1.3	Retain
92	Bur Oak	<i>Quercus macrocarpa</i>	1	17	4	Good	1.7	Retain
93	Common Buckthorn	<i>Rhamnus cathartica</i>	4	8;8;8;10	3	Good	1.0	Retain
94	American Elm	<i>Ulmus americana</i>	1	13	2	Good	1.3	Retain
95	Norway Maple	<i>Acer platanoides</i>	1	17	4	Good	1.7	Retain
96	Manitoba Maple	<i>Acer negundo</i>	1	37	7	Good	3.7	Retain
97	Norway Maple	<i>Acer platanoides</i>	1	11	3	Good	1.1	Retain
98	Manitoba Maple	<i>Acer negundo</i>	1	17	6	Good	1.7	Retain
99	Manitoba Maple	<i>Acer negundo</i>	1	23	6	Good	2.3	Retain
100	Manitoba Maple	<i>Acer negundo</i>	1	39	8	Good	3.9	Retain
101	Manitoba Maple	<i>Acer negundo</i>	1	25	5	Fair	2.5	Retain
102	Norway Maple	<i>Acer platanoides</i>	1	12	3	Good	1.2	Retain
103	Manitoba Maple	<i>Acer negundo</i>	2	42;44	9	Good	4.4	Retain
104	Norway Maple	<i>Acer platanoides</i>	1	11	2	Good	1.1	Retain
105	Norway Maple	<i>Acer platanoides</i>	1	11	2	Good	1.1	Retain
106	Manitoba Maple	<i>Acer negundo</i>	1	19	8	Good	1.9	Retain
107	Siberian Elm	<i>Ulmus pumila</i>	1	65	7	Good	6.5	Retain
108	Manitoba Maple	<i>Acer negundo</i>	1	18	4	Good	1.8	Retain
109	Manitoba Maple	<i>Acer negundo</i>	1	31	7	Good	3.1	Retain
110	Norway Maple	<i>Acer platanoides</i>	1	22	4	Good	2.2	Retain
111	Manitoba Maple	<i>Acer negundo</i>	1	18	5	Good	1.8	Retain
112	Norway Maple	<i>Acer platanoides</i>	1	11	3	Good	1.1	Retain
113	Norway Maple	<i>Acer platanoides</i>	1	49	8	Good	4.9	Retain
114	Eastern White Pine	<i>Pinus strobus</i>	1	24	4	Good	2.4	Retain
115	Eastern White Pine	<i>Pinus strobus</i>	1	55*	9	Good	5.5	Retain
116	Siberian Elm	<i>Ulmus pumila</i>	2	10;6	3	Good	1.0	Remove
117	Green Ash	<i>Fraxinus pennsylvanica</i>	2	9;9	4	Good	0.9	Remove
118	Norway Maple	<i>Acer platanoides</i>	1	22	4	Good	2.2	Retain
Group:1								
119	1 Siberian Elm	<i>Ulmus pumila</i>	11	7;11		Good	1.9	Retain
	10 Norway Maple	<i>Acer platanoides</i>		7-19				
120	Sunburst Honeylocust	<i>Gleditsia triacanthos 'Suncole'</i>	1	15*	4	Good	1.5	Retain
121	Sunburst Honeylocust	<i>Gleditsia triacanthos 'Suncole'</i>	1	20*	6	Good	2	Retain
122	Sunburst Honeylocust	<i>Gleditsia triacanthos 'Suncole'</i>	1	25*	7	Good	2.5	Retain
123	White Spruce	<i>Picea glauca</i>	1	25*	4	Good	2.5	Remove

1. DBH INDICATES DIAMETER (cm) MEASUREMENT AT BREAST HEIGHT (1.3m ABOVE GRADE);

2. CRZ INDICATES RADIUS OF CRITICAL ROOTING ZONE AND IS ESTABLISHED AS BEING 10cm FROM THE TRUNK OF A TREE FOR EVERY 1cm OF TRUNK DIAMETER AT BREAST HEIGHT (DBH). ie. CRZ IS CALCULATED AS DBH X 10cm.

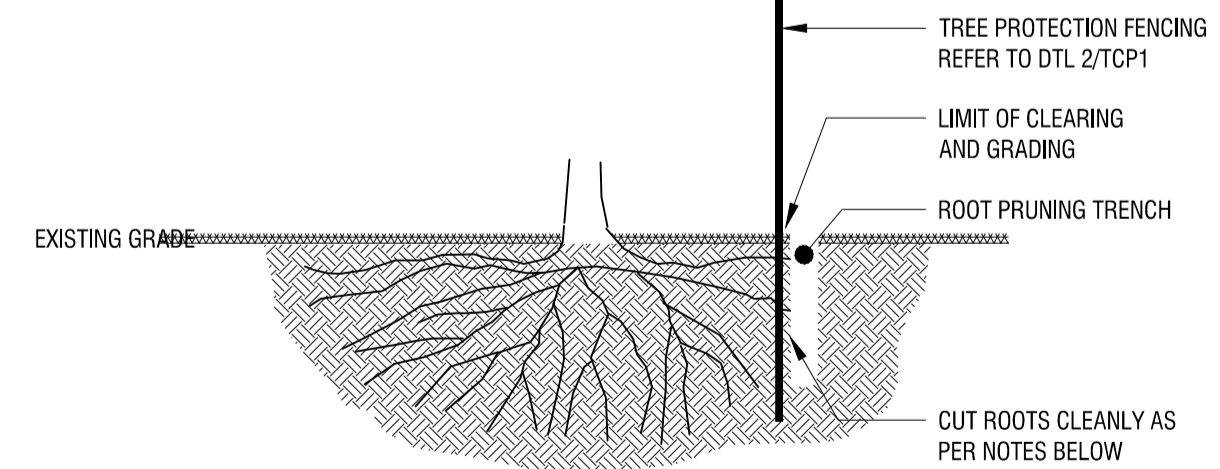
3. REFER TO RECOMMENDATIONS IN TREE CONSERVATION REPORT PREPARED BY ARCADIS FOR TECHNIQUES FOR PRESERVE TREES.



NOTES:

- PROPER ROOT PRUNING TECHNIQUE REQUIRED WHEN TREE ROOTS ENCOUNTERED DURING EXCAVATION. EXCAVATIONS WITHIN DRIPLINE SHOULD BE BY DIRECTIONAL MICRO-TUNNELLING AND BORING. OUTSIDE THE DRIPLINE, ROOTS SHOULD BE CUT CLEANLY (AS PER ABOVE DRAWING) WITH PRUNING SHEARS OR A SAW WIPED WITH ALCOHOL BEFORE EACH CUT.
- AFTER ROOTS ARE CLEANLY CUT, THE AREA SHOULD BE BACKFILLED WITH SUITABLE MATERIAL (TO BE APPROVED BY PROJECT ARBORIST OR LANDSCAPE ARCHITECT) TO PREVENT DESSICATION.
- AS DIRECTED BY THE PROJECT ARBORIST AND AS INDICATED IN THE ARBORIST REPORT, THE TREES SHALL UNDERGO AN OVERALL PRUNING TO RESTORE TREE APPEARANCE AND / OR RESTORE THE BALANCE BETWEEN TOP GROWTH AND ROOTS. DO NOT PRUNE LEADERS.

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north / le nord stamp / le cachet

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30 CLEARY AVENUE

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TREE CONSERVATION TABLE & DETAILS

designed / conçu BM EM	drawn / dessiné BM EM	reviewed / examiné DF
date 2023/07/14		project number / No. du projet 23002

drawing number / No. du dessin

TCP2

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