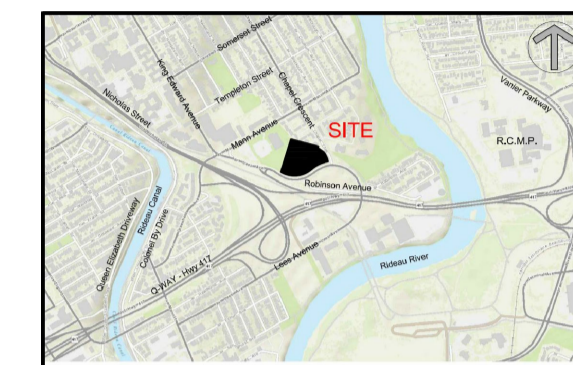


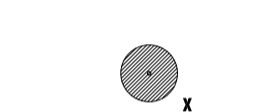

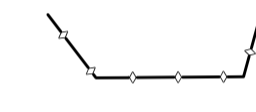





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key plan / plan repère



legend / légenda

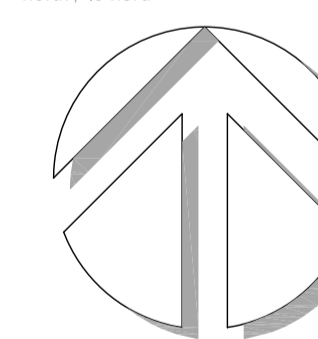
-  EXISTING TREE-LINE AS SURVEYED
-  INDIVIDUAL TREE/STAND OF TREES TO BE PRESERVED AND KEY No. - REFER TO TABLE # & REPORT FOR PRESERVATION TECHNIQUES DURING CONSTRUCTION
-  INDIVIDUAL TREE/STAND OF TREES TO BE REMOVED AND KEY No. - REFER TO TABLE #
-  CRITICAL ROOTING ZONE (CRZ) IDENTIFIED - REFER TO TABLE # FOR RADIUS OF CRZ
-  TREE PROTECTION FENCING
-  PROPOSED BUILDING PODIUM
-  PROPOSED BUILDING TOWER
-  PROPOSED LANDSCAPED AREA

01	Issued for SPA	2021/11/19
00	Issued for client review	2021/03/02

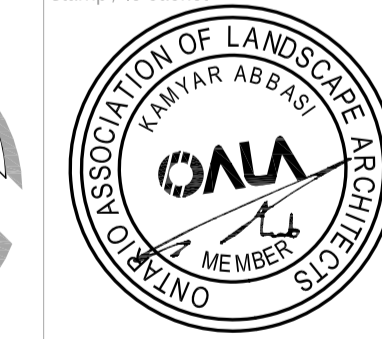
rev'n	description / la description	yyyy/mm/dd

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project / projet

2 ROBINSON AVENUE / 320 LEES AVENUE

drawing / dessin

TREE CONSERVATION AND REMOVALS PLAN

designed / conçu KA / ST	drawn / dessiné ST	reviewed / examiné KA
date MAR 2021	project number / No. du projet X ##-##	

drawing number / No. du dessin

TC-1



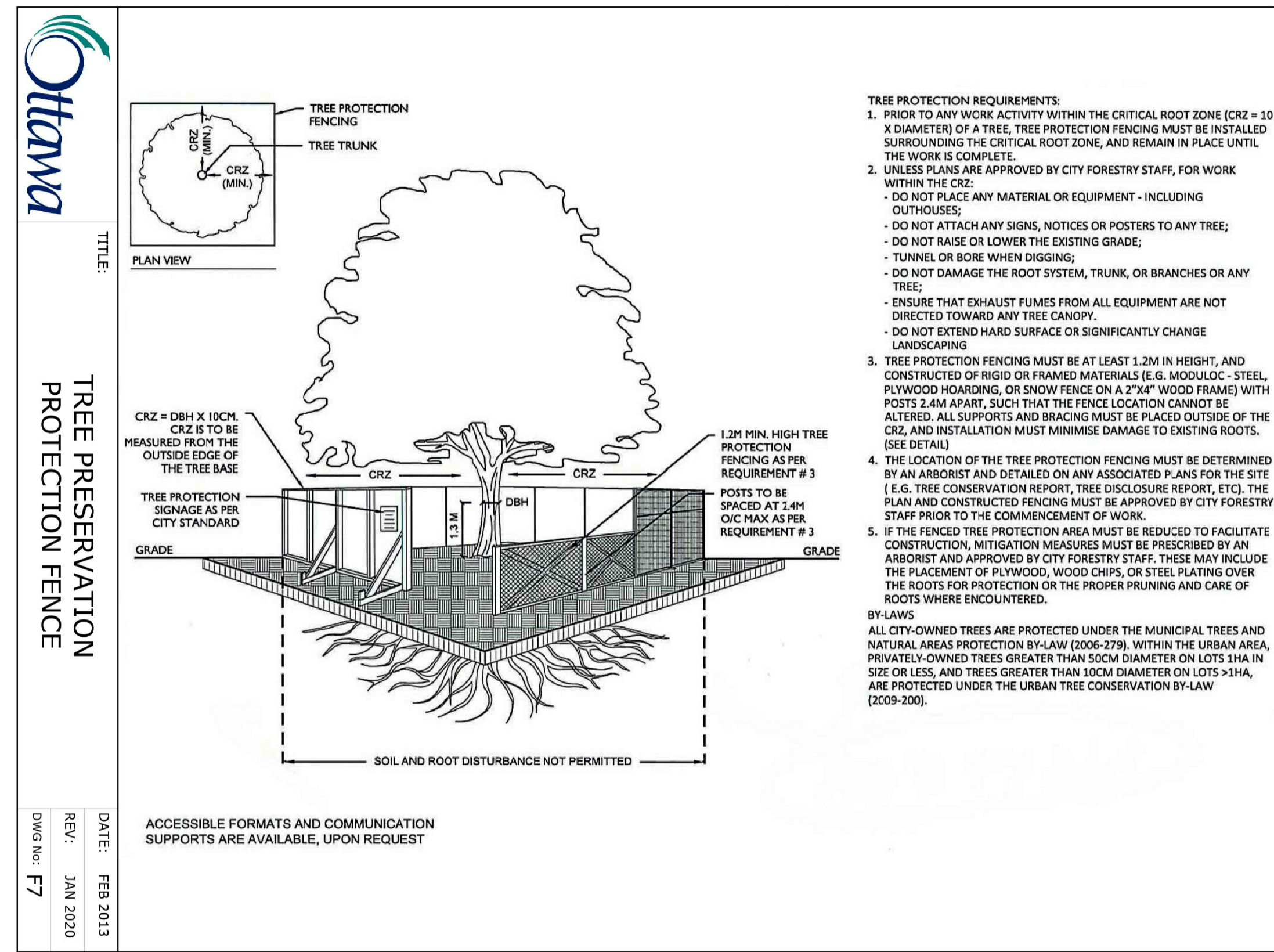
PRELIMINARY
NOT FOR CONSTRUCTION

Tree No.	Tree Species	DBH (cm) ¹	Tree condition, age class & health condition notes/Status (to be removed or preserved and protected)
1	Red oak (<i>Quercus rubra</i>)	24	Co-dominant leaders at 3.5m from grade; maturing; salt spray damage to crown to be removed
2	Red oak	19	Tri-dominant leaders at 3m from grade; maturing to be removed
3	Red oak	23	Salt spray damage to crown; maturing to be removed
4	Red oak	20	Divergent form; maturing to be removed
5	Red oak	20	Sweep in main stem at 4m from grade; maturing to be removed
6	Red oak	24	Frost crack in main stem from grade to 2.5m; maturing to be removed
7	Honey-locust (<i>Gleditsia triacanthos</i>)	28	Encroaching on light standard; mature to be removed
8	Honey-locust	15	Stem divergent at 1m from grade to be removed
9	Honey-locust	16	Minor salt spray damage to be removed
10	Honey-locust	24	Broad crown; maturing epicormic shoot at 1m from grade to be removed
11	Honey-locust	18	Good condition to be preserved and protected
12	Honey-locust	25	Good condition to be preserved and protected
13	Honey-locust	25	Good condition to be preserved and protected
14	Honey-locust	20	Epicormic growth at 1m from grade to be preserved and protected
15	Honey-locust	11 avg.	Tri-stemmed from grade to be preserved and protected
16	Honey-locust	23	Good condition to be preserved and protected
17	Honey-locust	22	Good condition to be preserved and protected
18	Honey-locust	26	Good condition to be preserved and protected
19	Freeman maple (<i>Acer x freemanii</i>)	10	Co-dominant leaders at 4m from grade to be preserved and protected
20	Freeman maple	9	Co-dominant leaders at 2m from grade to be preserved and protected
21	Red oak	7	Divergent leader to be preserved and protected
22	Red oak	7	Divergent leader to be preserved and protected
23	Red oak	5	Low vigour; heavy basal damage to be preserved and protected
24	Honey-locust	27	Good condition to be preserved and protected
25	Norway maple	37	Multiple leaders at 2m from grade; branch cluster to be removed
26	Norway maple	24	Co-dominant stem at 2m from grade; included bark union to be removed
27	Colorado spruce	31	Good condition to be removed
28	Norway maple	32	Branch cluster at 2m from grade to be removed
29	Norway maple	33	Co-dominant stems at 2.5m from grade to be removed
30	Norway maple	25	Tri-dominant stems at 2.5m from grade to be removed
31	Austrian pine	33	Significant sap sucker damage to be removed
32	Austrian pine	40	Asymmetrical to be removed
33	Austrian pine	36	Good condition to be removed
34	Colorado spruce	31	Visible signs of pitch mass borer to be removed
35	Colorado spruce	31	Good condition to be removed
36	Austrian pine	37	Sap sucker damage to be removed
37	Colorado spruce	31	Good condition to be removed
38	Colorado spruce	33	Good condition to be removed
39	Colorado spruce	43	Good condition to be removed
40	Norway maple	24	Good condition to be removed
41	Norway maple	34	4 competing stems at 4m from grade to be removed
42	Colorado spruce	27	Mild sweep to be removed
43	Colorado spruce	28	Mild sweep to be removed
44	Colorado spruce	21	Mild sweep to be removed
45	Colorado spruce	21	Mild sweep to be removed
46	Colorado spruce	26	Mild sweep to be removed
47	Colorado spruce	20	Good condition to be removed
48	Colorado spruce	33	Good condition to be removed
49	Colorado spruce	33	Competing parallel stems at 2.5m from grade to be removed
50	Norway maple	10	Good condition to be removed
51	Norway maple	24	Severely decayed stem from grade to 4m to be removed
52	Norway maple	20	Significant lower deadwood to be removed
53	Norway maple	27	Severely decayed from grade to 2.5m to be removed
54	Honey-locust	21	Asymmetrical to be removed
55	Honey-locust	29	Good condition to be removed
56	Honey-locust	22	Good condition to be removed
57	Honey-locust	17	Low vigour to be removed
58	Honey-locust	36	Major physical basal damage to be removed
59	Eastern cottonwood (<i>Populus deltoides</i>)	14	Good condition to be removed
60	Eastern cottonwood	20	Good condition to be removed
61	Trembling aspen (<i>Populus tremuloides</i>)	14	Good condition to be removed
62	Eastern cottonwood	13	Good condition to be removed
63	Eastern cottonwood	13	Good condition to be removed
64	Eastern cottonwood	11	Good condition to be removed
65	Eastern cottonwood	19	Good condition to be removed
66	Balsam poplar (<i>Populus balsamifera</i>)	14	Divergent to be removed
67	Siberian elm (<i>Ulmus pumila</i>)	17 & 10	Divergent to be removed
68	Eastern cottonwood	32 & 40	Double stems from grade; infested with wild grape vine, growing into chain link fence to be removed
69	American elm (<i>Ulmus americana</i>)	17 & 20	Double stem from grade to be removed
70	Manitoba maple (<i>Acer negundo</i>)	13 avg.	4 stemmed at grade to be removed
71	Balsam poplar	13 & 17	Double stem at 0.3m from grade; heavily divergent to be removed
72	Manitoba maple	17	Divergent to be removed
73	Manitoba maple	17	Upright form; encroaching on chain link fence to be removed
74	Manitoba maple	17 avg.	4 stemmed at grade to be removed
75	Crab apple (<i>Malus spp.</i>)	10 avg.	5 stemmed at grade to be removed

NOTES:
1. THE TABLE ABOVE IS FROM THE TREE CONSERVATION REPORT PREPARED BY CERTIFIED ARBORIST, IFS ASSOCIATES, DATED NOVEMBER 12, 2021.
2. REFER TO 'TREE PRESERVATION AND PROTECTION MEASURES' ON THE ARBORIST REPORT PRIOR TO ANY CONSTRUCTION WORKS ON SITE.
3. ANY WORKS WITHIN CRITICAL ROOT ZONE OF THE EXISTING TREES TO BE RETAINED NEEDS TO BE UNDERTAKEN BY HAND AND LIGHT EQUIPMENT TO THE SATISFACTION OF THE ARBORIST/LANDSCAPE ARCHITECT. SEE ALSO NOTE (5) ON #2/TC-2 FOR MORE INFORMATION.

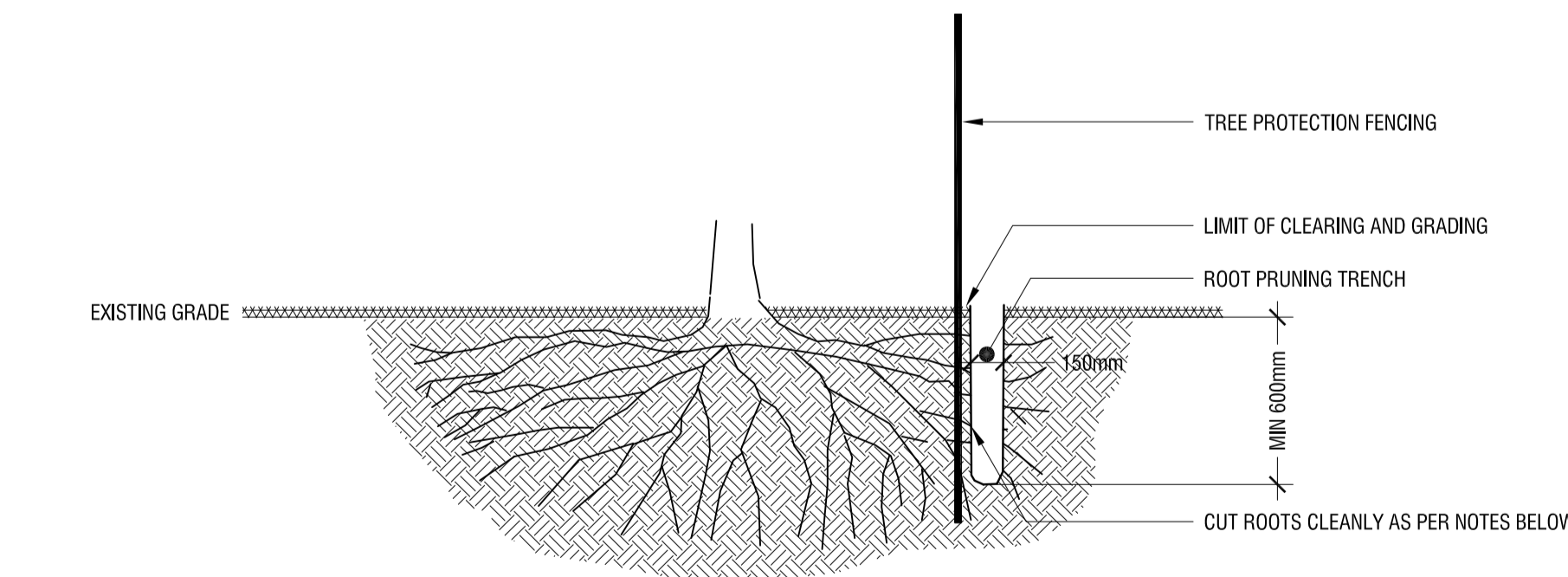
Tree No.	Tree Species	DBH (cm) ¹	Tree condition, age class & health condition notes/Status (to be removed or preserved and protected)
76	Manitoba maple	12	7 stemmed at grade to be removed
77	Manitoba maple	10 avg.	Tri-stemmed at grade to be removed
78	Manitoba maple	14 avg.	9 stemmed at grade to be removed
79	Manitoba maple	16 avg.	6 stemmed at grade; infested with wild grape vine to be removed
80	Eastern cottonwood	13	Good condition to be removed
81	Eastern cottonwood	29	Infested with wild grape vine to be removed
82	Siberian elm	12 & 15	Co-dominant stems at 0.5m to be removed
83	Manitoba maple	10	Divergent to be removed
84	Siberian elm	14 & 11	Stems growing on either side of chain link fence to be removed
85	Eastern cottonwood	23	Slightly divergent to be removed
86	Eastern cottonwood	15	Divergent to be removed
87	Siberian elm	16	Good condition to be removed
88	Siberian elm	16	Good condition to be removed
89	Eastern cottonwood	10	Co-dominant leaders to be removed
90	Manitoba maple	12	Strongly divergent to be removed
91	Siberian elm	17	Good condition to be removed
92	Siberian elm	18	Good condition to be removed
93	Eastern cottonwood	14	Divergent to be removed
94	Siberian elm	10 & 12	Double stem at 0.2m from grade to be removed
95	Siberian elm	20	Good condition to be removed
96	Siberian elm	12	Good condition to be removed
97	Eastern cottonwood	19	Divergent to be removed
98	Eastern cottonwood	14	Divergent to be preserved and protected
99	Eastern cottonwood	15 & 15	Double stem at grade; divergent to be preserved and protected
100	Manitoba maple	13 & 13	Double stem at grade to be preserved and protected
101	Siberian elm	17	Good condition; upright to be preserved and protected
102	Manitoba maple	14 avg.	4 stemmed at grade to be preserved and protected
103	Eastern cottonwood	15	Slight divergence to be preserved and protected
104	Eastern cottonwood	21	Slight divergence to be preserved and protected
105	Eastern cottonwood	18	Good condition to be preserved and protected
106	Eastern cottonwood	12	Slight divergence to be preserved and protected
107	Eastern cottonwood	15	Slight divergence to be preserved and protected
108	Eastern cottonwood	11	Slight divergence to be preserved and protected
109	Eastern cottonwood	11	Slight divergence to be removed
110	Eastern cottonwood	13	Good condition to be removed
111	Eastern cottonwood	10 & 10	Co-dominant stems at grade to be preserved and protected
112	Largetooth aspen (<i>Populus grandidentata</i>)	13 & 10	Double stem at grade to be preserved and protected
113	Eastern cottonwood	12	Good condition to be preserved and protected
114	Largetooth aspen	17	Good condition to be preserved and protected
115	Eastern cottonwood	13	Divergent to be removed
116	Eastern cottonwood	15	Good condition to be removed
117	Largetooth aspen	18	Sap sucker damage to be removed
118	Eastern cottonwood	15 & 17	Double stemmed at grade; good condition; upright to be removed
119	Eastern cottonwood	18 & 13	Double stemmed at grade to be removed
120	Eastern cottonwood	19	Good condition; upright to be removed
121	Eastern cottonwood	14	Slight divergence to be removed
122	Eastern cottonwood	16	Slight divergence to be removed
123	Eastern cottonwood	19	Good condition; upright to be removed
124	Eastern cottonwood	12 avg.	5 stemmed at grade to be removed
125	Eastern cottonwood	21	Good condition to be removed
126	Largetooth aspen	10	Good condition to be removed
127	Eastern cottonwood	14	Slight divergence to be removed
128	Siberian elm	13 & 18	Double stem at grade; stems growing on either side of fence to be removed
129	Red oak	32	Good condition to be removed
130	Siberian elm	35	Co-dominant leaders at 2.5m from grade to be removed

Diameter at breast height, or 1.4m from grade.
TOTAL NUMBER OF TREES TO BE RETAINED: 29x



2 TABLE PROTECTION FENCING

TC-2 n.t.s.



- 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 LANDSCAPE ARCHITECT) TO PREVENT DESICCATION.
 - WHERE APPROPRIATE, 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.

3 ROOT PRUNING TECHNIQUE

TC-2 n.t.s.

1 TABLE 1

TC-2 n.t.s.

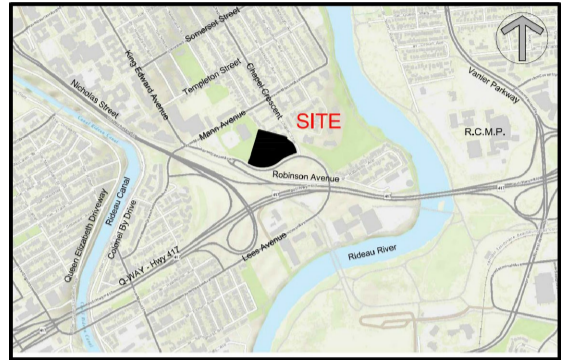
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key plan / plan repère



legend / légende

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01	Issued for SPA	2021/11/19
00	Issued for client review	2021/03/02

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drawing / dessin

TREE INVENTORY TABLE AND DETAILS

designed / conçu	drawn / dessiné	reviewed / examiné
KA / ST	ST	KA
date	project number / No. du projet	
MAR 2021	X ##-##	
drawing number / No. du dessin		

TC-2