

LEGEND

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EXISTING DECIDUOUS TREES

EXISTING DECIDUOUS TREES

EXISTING CONIFEROUS TREES

EXISTING CONIFEROUS TREES

CRITICAL ROOT ZONE - 10cm RADIUS PER Icm DBH

TREE PROTECTION BARRIER -

TO BE REMOVED

TO BE REMOVED

TO REMAIN

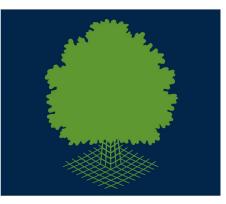
TO REMAIN TREE NUMBER

TREE NUMBER

SEE DETAIL

TREE NUMBER

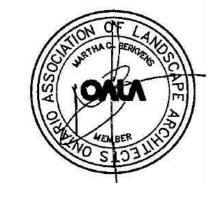


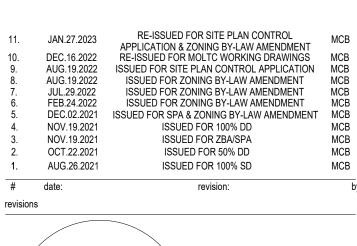


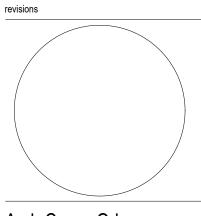
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Ronald H. Koudys, O.A.L.A. C.S.L.A. DATE







specifications are the property of the architect. The contractor shall verify all dimensions and information on site and report any discrepancy to architect before proceeding.

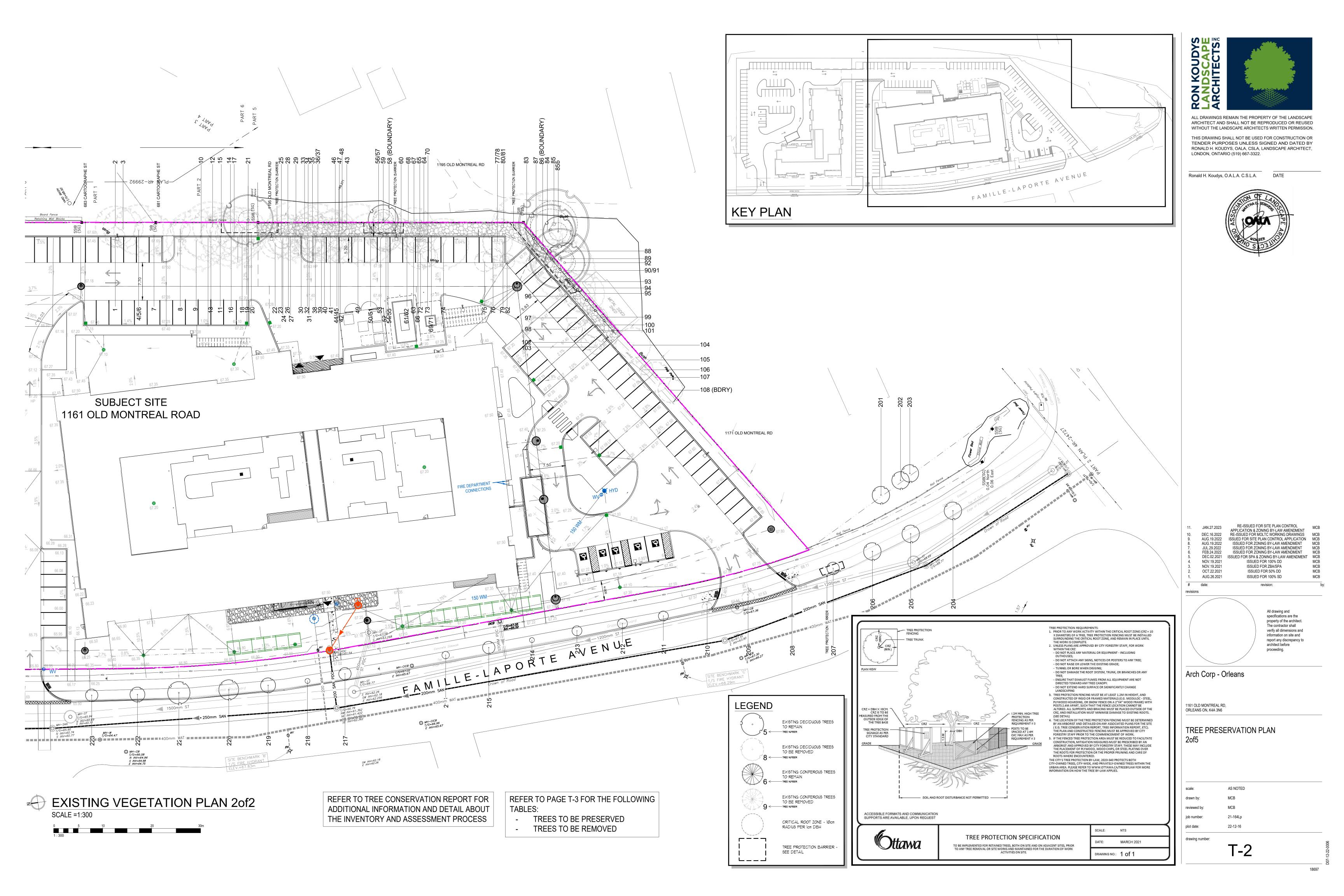
All drawing and

Arch Corp - Orleans

1161 OLD MONTREAL RD, ORLEANS ON, K4A 3N6

TREE PRESERVATION PLAN

scale:	AS NOTED	
drawn by:	MCB	
reviewed by:	MCB	
job number:	21-164Lp	
plot date:	22-12-16	
drawing number:		



TF	REES T	O BE	E PRE	SE	R	VE	ED	(3	35	ΓΟΤΑL)			
	GENERAL I	NFORMATIO	N	SIZE				HEAL	.TH & C	ONDITION	RECOM	MENDAT	IONS
ID#	BOTANICAL NAME	COMMON NAME	LOCATION / OWNERSHIP	DBH (cm)	CANOPY RADIUS (m)	CROWN CONDITION	STRUCTURAL FORM	SIRUCIURAL INTEGRITY		COMMENTS	EXPECTED CONSTRUCTION IMPACT (CRZ = critical root zone)	PRESERVE OR REMOVE	NOTES IMPACT MITIGATION CONSENT REQUIREMENTS
TR	EES WITHII	N PRIVA	ATE PROF	PERT	ΥA	DJA	ΛCE	NT	TO S	SUBJECT SITE	(10)		
201	Ulmus spp	Elm	1171 Old Montreal Rd	~25	3	5	good	good	Loose c	rown	none	preserve	none
202	Quercus macrocarpa	Bur Oak	1171 Old Montreal Rd	~14	2	5	good	good	Low bra	anched	none	preserve	none
203	Quercus macrocarpa	Bur Oak	1171 Old Montreal Rd	~12, 11	2	5	fair	fair	Low br	anched	none	preserve	none
21	Quercus macrocarpa	Bur Oak	681 Cartographe	15-20	5	5	fair	fair	Multist		approx. 20% of critical root zone expected to be removed	preserve	ree protection barrier
59	Quercus macrocarpa	Bur Oak	1195 Old Montreal Rd	21	3	4	fair	good	Low br		approx. 20% of critical root zone expected to be removed	preserve	ree protection barrier
84	Quercus macrocarpa	Bur Oak	1171 Old Montreal Rd	42	5	5	fair	fair	Epicorr		approx. 5% of critical root zone expected to be removed	preserve	ree protection barrier
85	Quercus macrocarpa	Bur Oak	1171 Old Montreal Rd	48	7	5	fair	poor		inant leaders, trunk cavity at y union, dead wood and rot in	less than 5% of critical root	preserve	ree protection barrier
85b	Quercus macrocarpa	Bur Oak	1171 Old Montreal Rd	18	3	5	fair	good			none	preserve	ree protection barrier
89	Quercus macrocarpa	Bur Oak	1171 Old Montreal Rd	28	6	5	fair	good	Unbala		approx. 5% of critical root zone expected to be removed	preserve	ree protection barrier
92	Quercus macrocarpa	Bur Oak	1171 Old Montreal Rd	22	4	5	good	good	Supres		approx. 5% of critical root zone expected to be removed	preserve 1	ree protection barrier
MU	INICIPAL T	REES (2	25)										
204	Acer rubrum	Red Maple	City ROW - Famill Laporte Ave	e	5	1	2	fair	poor	Blvd, significant trunk damagi wounds	e and none	preserv	none
205	Acer rubrum	Red Maple	City ROW - Famill Laporte Ave	e	8	1.5	5	good	good	Blvd, suckering from base, low	r crown none	preserv	e none
206	Quercus rubra	Red Oak	City ROW - Famill Laporte Ave	e	5	1.25	5	good	good	Blvd, low crown	none	preserv	e none
207	Celtis occidentalis	Hackberry	City ROW - Famill	e	5	1.25	5	good	good	Blvd, full form	none	preserv	e tree protection fence
211	Acer rubrum	Red Maple	City ROW - Famill	e	7	1	3	poor	poor	Blvd, dead leader, entire "crove epicormic growth	wn" is none	preserv	e none
212	Quercus rubra	Red Oak	City ROW - Famill Laporte Ave	e	6	1	4	fair	fair	Blvd, basal damage, dead wo	od none	preserv	none
213	Celtis occidentalis	Hackberry	City ROW - Famill	e	8	1	5	good	good	Blvd, basal damage	none	preserv	e none
214	Acer saccharum	Sugar Maple	City ROW - Famill	e	3	0.5	5	fair		Blvd, basal damage, early defoliation	none	preserv	e none
215	Quercus rubra	Red Oak	City ROW - Famill	e	7	1.25	5	good		Blvd, unbalanced crown	none	preserv	e none
216	Acer saccharum	Sugar Maple	City ROW - Famill Laporte Ave	e	4	0.75	5 5	fair	good	Blvd, narrow form	none	preserv	e none
217	Acer rubrum	Red Maple	City ROW - Famill	e	9	1.25	5	fair	fair	Blvd, suckering from base, sea vertical trunk wound	ling none	preserv	e none
218	Acer rubrum	Red Maple	Laporte Ave City ROW - Famill	e	4	0.5	5	fair	fair	Blvd, trunnk wounds	none	preserv	e none
219	Acer rubrum	Red Maple	Laporte Ave City ROW - Famill	e	9	1.5	5	fair	fair	Blvd, significant suckering from	m base none	preserv	e none
220	Quercus rubra	Red Oak	Laporte Ave City ROW - Famill	e	8	2	5	fair	fair	Blvd, minor basal damage, 3 l	eaders none	preserv	e none
221	Acer rubrum	Red Maple	Laporte Ave City ROW - Famill	e	8	2.25	5 5	fair	fair	Blvd, suckering from base, bas	sal none	preserv	e none
222	Acer saccharum	Sugar Maple	Laporte Ave City ROW - Famill	e	6	1.5	5	good	good	wound, diminished leader Blvd, basal wound	none	preserv	e none
223	Quercus rubra	Red Oak	Laporte Ave City ROW - Famill	e	6	1.25	5	good	good	Blvd, full form	none	preserv	e none
225	Quercus rubra	Red Oak	Laporte Ave City ROW - Famill Laporte Ave	e	/	1	1	poor		Blvd, central leader dead and all remaining living stems are	gone, none	preservi	e none
226	Acer saccharum	Sugar Maple	City ROW - Famill Laporte Ave	e	7	1.25	5	excell ent		suckers from base Blvd, full form	none	preservi	e none
227	Acer rubrum	Red Maple	City ROW - Famill	e	9	1.5	5	good	fair	Blvd, basal wound, sealed vert wounds	ical none	preserv	e none
228	Quercus rubra	Red Oak	City ROW - Famill	e	7	1.5	5	fair	good	Blvd, minor basal wound	none	preserv	e none
229	Celtis occidentalis	Hackberry	Laporte Ave City ROW - Famill	e	10	1.5	5	fair	good	Blvd, full form	none	preserv	e none
230	Acer rubrum	Red Maple	Laporte Ave City ROW - Famill	e	10	2	5	fair		Blvd, minor suckering from ba diminished leader	se, none	preserv	e none
231	Quercus rubra	Red Oak	Laporte Ave City ROW - Famill	e	7	2	5	fair		Blvd, curved leader	none	preserv	e none
232	Acer saccharum	Sugar Maple	Laporte Ave City ROW - Famill	e	7	1.5	5	good	good	Blvd, minor trunk wounds	none	preserv	none none

TREES	TO BE RE	MOVED	(100 TOTAL)																		
Q2.112.11.11	INFORMATION	SIZE	HEALTH & CONDITION		IMENDATIONS		NFORMATION		SIZE	HEALT	H & CONDITION		MENDATIONS		INFORMATI		SIZE	HE <i>I</i>	ALTH & CONDITION		MENDATIONS
ID# BOTANICAL NAME	COMMON LOCATION / NAME OWNERSHIP	CANOPY RADIUS (m) (ROWN CONDITION	STRUCTURAL FORM STRUCTURAL INTEGRITY SILVERNITY	EXPECTED CONSTRUCTION IMPACT (CRZ = critical root zone)	NOTES WEST WEST MINDACT MITIGATION CONSENT REQUIREMENTS WEST WEST WEST WEST WEST WEST WEST W	ID# BOTANICAL NAME		ocation / Wnership	CANOPY RADIUS (m) H80 (ROWN CONDITION	STRUCTURAL FORM STRUCTURAL INTEGRITY	COMMENTS	EXPECTED CONSTRUCTION IMPACT (CRZ = critical root zone)	NOTES WEST WHACT MITIGATION CONSENT REQUIREMENTS WAS CONSENT REQUIREMENTS	ID# BOTANICAL NAME	COMMON NAME	LOCATION / OWNERSHIP	CANOPY RADIUS (m) HAG	CROWN CONDITION STRUCTURAL INTECRITY	COMMENTS	EXPECTED CONSTRUCTION IMPACT (CRZ = critical root zone)	NOTES NO
TREES WITH	IIN SUBJECT SIT	E (90)						•				•			•	•	•	1 1	-		<u> </u>
1 Quercus macrocarpa		``	fair good	conflict with proposed site	remove none	42 Ulmus spp	Elm Subje	ect site	20 2.5 5	fair good		conflict with proposed site	remove none	94 Quercus macrocarpa	Bur Oak	Subject site	25 3.5	5 fair good	d Supressed	conflict with proposed site	remove none
2 Quercus macrocarpa	Bur Oak Subject site	20, 18 4 5	fair fair Multistem 2, primary union just above	plan and grading e conflict with proposed site	remove none	43 Quercus macrocarpa	Bur Oak Subje	ect site	10 3 5	fair good	Supressed	plan and grading conflict with proposed site	remove none	96 Ulmus spp	Elm	Subject site	11 3	5 fair good	d Supressed, unbalanced crown	plan and grading conflict with proposed site	remove none
3 Quercus macrocarpa	Bur Oak Subject site	15 4 5	fair good	plan and grading conflict with proposed site	remove none	44/45 Quercus macrocarpa	Bur Oak Subje	ect site	13, 12 3 5	fair good	Multistem 2, primary union at grad	plan and grading le conflict with proposed site	remove none	97 Populus tremuloides	Trembling	Subject site	11 2	5 fair good	d S curve in trunk	plan and grading conflict with proposed site	remove none
4/5/6 Quercus macrocarpa	Bur Oak Subject site	23, 20, 15, 5 5	fair good Multistem 4, primary union at grade	plan and grading conflict with proposed site	remove none	46 Tilia americana	Basswood Subje	ect site	21, 12, 9, 5 4 5	fair fair	Multistem 4, primary union at grad	plan and grading le, conflict with proposed site	remove none	98 <i>Populus tremuloid es</i>	Aspen Trembling	Subject site	10 1.5	5 good good	<u> </u>	plan and grading conflict with proposed site	remove none
7 Quercus macrocarpa	Bur Oak Subject site	7 23, 10 4 5	fair good Multistem 2, primary union just above	plan and grading e conflict with proposed site	remove none	47 Quercus macrocarpa	Bur Oak Subie	ect site	10 2 5	fair good	minor sap sucker trunk damage Supressed	plan and grading conflict with proposed site	remove none	99 Ulmus spp	Aspen Elm	Subject site	15 2	5 fair good	d Grapevine through crown	plan and grading conflict with proposed site	remove none
8 Quercus macrocarpa	Bur Oak Subject site		grade grade	plan and grading	remove none	48 Quercus macrocarpa		ent site		fair good		plan and grading conflict with proposed site	remove none	100 Populus tremuloides	Trembling	Subject site		5 fair good		plan and grading conflict with proposed site	
9 Quercus macrocarpa			fair fair Multistem 3. included bark at	plan and grading conflict with proposed site		49 Quercus macrocarpa	,				Multistem 7, primary union at and	plan and grading conflict with proposed site		101 Populus tremuloides	Aspen			5 fair good		plan and grading	
	,	, ,	primary union	plan and grading		, i			17, 17, 10, 8		just above grade	plan and grading			Trembling Aspen	Subject site				conflict with proposed site plan and grading	
10 Quercus macrocarpa			fair fair Multistem 2, included bark at primary union	conflict with proposed site plan and grading		50/51 Quercus macrocarpa	Bur Oak Subje	ea site	24, 21, 17 5 4	Tair Tair	Multistem 3, 17DBH stem is dead wi girdling chain around it at 1.5m froi	m plan and grading	remove Inone	102 Populus tremuloides	Trembling Aspen	Subject site		5 good good		plan and grading	remove none
11 Quercus macrocarpa	Bur Oak Subject site	29 4 5	fair fair Codominant leaders with included bark, primary union at 1.5m from	conflict with proposed site plan and grading	remove Inone	52 Quercus macrocarpa	Bur Oak Subje	ect site	27 3 4	poor hazard	grade, primary union below grade Significant trunk cavity (can see	conflict with proposed site	remove none	103 Quercus macrocarpa	Bur Oak	Subject site		5 fair good		conflict with proposed site plan and grading	remove none
12 Quercus macrocarpa	Bur Oak Subject site	29 4 5	grade fair fair Codominant leaders with included	conflict with proposed site	remove none	53 Quercus macrocarpa	Bur Oak Subje	ect site	15 3 4	fair fair	through trunk) and trunk bulge Trunk fused to tree #52	plan and grading conflict with proposed site	remove none	105 Quercus macrocarpa		Subject site		5 good good		conflict with proposed site plan and grading	remove none
			bark, primary union at 1.5m from grade	plan and grading		54/55 Quercus macrocarpa	Bur Oak Subje	ect site	16, 13 3 5	fair fair	Multistem 2, primary union at grad	plan and grading le conflict with proposed site	remove none	106 Quercus macrocarpa	Bur Oak	Subject site	8 1	5 fair good	d Supressed	conflict with proposed site plan and grading	remove none
13 Quercus macrocarpa	Bur Oak Subject site	25, 21 6 5	fair fair Multistem 2, included bark at primary union, low branched	conflict with proposed site plan and grading	remove none	56/57 Quercus macrocarpa	,	ect site			Multistem 2, primary union at grad	plan and grading		107 Quercus macrocarpa	Bur Oak	Subject site	18 3	5 good good	d Low branched	conflict with proposed site plan and grading	remove none
14 Ulmus spp	Elm Subject site	22 3 5	fair good	conflict with proposed site plan and grading	remove none	60 Quercus macrocarpa			19 2 4			plan and grading conflict with proposed site		233 Gleditsia triacanthos	Honeylocust	Subject site	22 3.5	5 fair fair	Lichen on trunk, crossing branches, no		remove none
15 Quercus macrocarpa	Bur Oak Subject site	12, 11 3 4	fair poor Multistem 2, basal rot	conflict with proposed site plan and grading	remove none	61/62 Quercus macrocarpa	,				Multistem 2, primary union just abo	plan and grading	remove none	234 Gleditsia triacanthos	Honeylocust	Subject site	24 4	5 fair good	d Lichen on trunk, crossing branches	conflict with proposed site	remove none
16 Quercus macrocarpa	Bur Oak Subject site	19 6 5	fair good Unbalanced crown	conflict with proposed site	remove none				·		grade	plan and grading		var. inermis 235 Gleditsia triacanthos	Honeylocust	Subject site	22 4	5 fair good	d Lichen on trunk, no flare, minor	conflict with proposed site	remove none
17 Quercus macrocarpa	Bur Oak Subject site	23, 12, 11 5 5	fair fair Multistem 3, included bark at	plan and grading conflict with proposed site	remove none	63 Quercus macrocarpa			13 2 5			conflict with proposed site plan and grading		var. inermis					epicormic growth, minor dead wood	,	
18 Quercus macrocarpa	Bur Oak Subject site	23, 17, 9 5 5	primary union fair fair Multistem 3	plan and grading conflict with proposed site	remove none	64 Fraxinus spp		ect site			Visible EAB galleries, bark splitting	plan and grading	remove none	236 Gleditsia triacanthos var. inermis	Honeylocust	Subject site			d Minor dead wood	conflict with proposed site plan	remove none
19 Quercus macrocarpa	Bur Oak Subject site	23,9 3 5	fair fair Multistem 2, low branched	plan and grading conflict with proposed site	remove none	65 Quercus macrocarpa	·	ect site			Adjacent to large compost pile	conflict with proposed site plan and grading	remove none	237 Gleditsia triacanthos var. inermis	Honeylocust	Subject site			d Unbalanced crown	conflict with proposed site plan	remove none
20 Quercus macrocarpa	Bur Oak Subject site	15 2 4	fair fair Low branched, dead wood	plan and grading conflict with proposed site	remove none	66 Quercus macrocarpa	Bur Oak Subje	ect site			Adjacent to large compost pile	conflict with proposed site plan and grading	remove none	238 Gleditsia triacanthos var. inermis	Honeylocust	Subject site	21 3.5	5 fair good	d Minor dead wood	conflict with proposed site plan	remove none
22 Quercus macrocarpa	Bur Oak Subject site	16 3 5	fair good Unbalanced crown, supressed	plan and grading conflict with proposed site	remove none	67 Quercus macrocarpa	Bur Oak Subje	ect site	17 4 5	fair good	Adjacent to large compost pile	conflict with proposed site plan and grading	remove none								
23 Quercus macrocarpa	Bur Oak Subject site	7 1.5 5	fair good Unbalanced crown, supressed	plan and grading conflict with proposed site	remove none	68 Quercus macrocarpa	Bur Oak Subje	ect site	18 4 5	fair good	Adjacent to large compost pile, grapevine into crown	conflict with proposed site plan and grading	remove none	TREES WITHI	N PRIV	ATE PROF	PERTY A	DJACENT	TO SUBJECT SITE	(1)	
24 Quercus macrocarpa	Bur Oak Subject site	14 2 5	fair fair Codominant leaders	plan and grading conflict with proposed site	remove none	69&71 Quercus macrocarpa	Bur Oak Subje	ect site	13, 12 3 5	fair good	Multistem 2, primary union below grade	conflict with proposed site	remove none						Multistem 3, primary union at grade	conflict with proposed site	I I
25 Quercus macrocarpa	Bur Oak Subject site	18 4 5	fair good Unbalanced crown	plan and grading conflict with proposed site	remove none	70 Quercus macrocarpa	Bur Oak Subje	ect site	13 2 5	fair good	Adjacent to large compost pile	conflict with proposed site	remove none		Map1e	KO [plan and grading	Old Montreal Rd requi
26 Quercus macrocarpa	Bur Oak Subject site	10 4 5	fair fair Unbalanced crown, bent leader	plan and grading conflict with proposed site		72 Ulmus spp	Elm Subje	ect site	15 3 5	fair good	Supressed, unbalanced crown	conflict with proposed site	remove none	MUNICIPAL TI	,	′ 	0 Let I	- 14: 14:	Tarres de la companya della companya della companya de la companya de la companya della companya	I and an in a	I I I I I I I I I I I I I I I I I I I
27 Quercus macrocarpa			fair good Supressed	plan and grading conflict with proposed site		73 Ulmus spp	Elm Subje	ect site	13 2 5	fair good	Supressed, unbalanced crown	conflict with proposed site	remove none	208 Acer rubrum		City ROW - Famille Laporte Ave	9 1.5	5 fair fair	Blvd, basal wound, significant suckering from base, flattened trunk	1	remove coordination with City Forestry required
28 Quercus macrocarpa	ŕ		fair good Brush piled against trunk	plan and grading conflict with proposed site		74 Quercus macrocarpa	Bur Oak Subje	ect site	30, 30 5 2	fair fair	Multistem 2, primary union at 1m	conflict with proposed site	remove none	209 Quercus rubra		City ROW - Famille	6 1.25	5 good fair	at base Blvd, basal wound, slight trunk bend	conflict with proposed site	remove coordination with City
29 Quercus macrocarpa	, i		fair fair Multistem 2, included bark at	plan and grading conflict with proposed site							from grade, included bark at primary union, about 50% of crown			210 Acer saccharum	Sugar Maple	Laporte Ave City ROW - Famille	6 1	5 good fair	Blvd, significant basal wound, small	driveway conflict with proposed site	Forestry required remove coordination with City
			primary union	plan and grading		75 Fraxinus spp	Ash Subje	ect site			Open trunk splits with visible EAB galleries	conflict with proposed site plan and grading	remove none	224 <i>Celtis occidentalis</i>		Laporte Ave City ROW - Famille	7 1.5	5 excelle good	vertical trunk wound Blvd, full form	driveway conflict with proposed site	Forestry required remove coordination with City
30 Quercus macrocarpa			fair good Unbalanced crown	conflict with proposed site plan and grading		76 Fraxinus spp	Ash Subje	ect site	11, 3 2 3	fair fair	Multistem 2, no visible EAB gallerie	s conflict with proposed site plan and grading	remove none		1	Laporte Ave		nt		driveway	Forestry required
31 Quercus macrocarpa	,		fair good Curved leader	conflict with proposed site plan and grading		77/78 Quercus macrocarpa	Bur Oak Subje	ect site	17, 11 3 5	fair fair	Multistem 2, primary union just abo grade, low branched, dead wood		remove none	BOUNDARY T	REES (5)					
32 Quercus macrocarpa	Bur Oak Subject site		fair good Supressed	conflict with proposed site plan and grading	remove none	79 Quercus macrocarpa	Bur Oak Subie	ort sita	78 1 1	fair fair	Low branched, knobby unions	conflict with proposed site	remove none	58 Quercus macrocarpa		BOUNDARY Subject site & 1195	15 2	4 fair good	d Low branched	conflict with proposed site	remove Consent from owner of Old Montreal Rd requi
33 Quercus macrocarpa	Bur Oak Subject site	10 2 5	fair good Fused at base with tree #34	conflict with proposed site plan and grading	remove none	80/81 Fraxinus spp	,				Multistem 4, clustered primary unio	plan and grading		86 Quercus macrocarpa		Old Montreal Rd BOUNDARY	18 7	5 fair fair	Wire fence grown through and	conflict with proposed site	remove Consent from owner of
34 Quercus macrocarpa	Bur Oak Subject site	14 2.5 5	fair good Fused at base with tree #33	conflict with proposed site plan and grading	remove none	ου/οι ΓειαχιιίΩ ΧΙΙΙ	Maii Janoje	בת אונב	H, IZ, U, D Z.D 4	raii Idli	at grade, suckering from base, mir	I	remove fliule	was say mad dui pu		Subject site & 1171 Old Montreal Rd		- 100	around trunk	plan and grading	Old Montreal Rd requi
35 Quercus macrocarpa	Bur Oak Subject site	16 3 5	fair good Unbalanced crown	conflict with proposed site plan and grading	remove none	82 Fraxinus spp	Ash Subje	ect site	10 1.5 3	fair fair	bark splitting Visible EAB galleries, bark splitting		remove none	90/91 Quercus macrocarpa	Bur Oak		50, 20, 15 6	5 fair good	Multistem 3, primary union at grade, wire fence grown through trunk	conflict with proposed site	remove Consent from owner of
36/37 Quercus macrocarpa	Bur Oak Subject site	23, 15 5 5	fair fair Multistem 2, primary union just above	e conflict with proposed site plan and grading	remove none	83 Quercus macrocarpa	Bur Oak Subje	ect site	51 7 2	fair fair	Top third of canopy dead, trunk	plan and grading conflict with proposed site	remove none	OE Quara la magnacara -		Old Montreal Rd	70 4	E fair and			
38 Quercus macrocarpa	Bur Oak Subject site	17, 6 4 5	fair fair Multistem 2, unbalanced crown	conflict with proposed site plan and grading	remove none	87 Fraxinus spp	Ash Subje	ect site	16 2 3	fair poor	girdling by fence Visible EAB galleries, bark splitting	plan and grading conflict with proposed site	remove none	95 Quercus macrocarpa		BOUNDARY Subject site & 1171	20 4	J Idii 9000	Supressed, unbalanced crown	conflict with proposed site plan and grading	remove Consent from owner of Old Montreal Rd requi
39 Quercus macrocarpa	Bur Oak Subject site	13 4 5	fair fair 1 low large scaffold branch	conflict with proposed site	remove none	88 Quercus macrocarpa	Bur Oak Subje	ect site	20 4 5	fair fair	Low branched	plan and grading conflict with proposed site	remove none	108 Quercus macrocarpa	Bur Oak	I	10, 8, 4 2.5	5 fair fair	Multistem 3, branched to grade	conflict with proposed site	remove Consent from owner of
40 Quercus macrocarpa	Bur Oak Subject site	10 4 5	fair fair Diminished leader	plan and grading conflict with proposed site	remove none	93 Quercus macrocarpa	Bur Oak Subje	ect site	12 2 5	fair good	Supressed	plan and grading conflict with proposed site	remove none			Subject site & 1171 Old Montreal Rd				plan and grading	Old Montreal Rd requi
41 Quercus macrocarpa	Bur Oak Subject site	21, 9 5 5	fair fair Multistem 2, supressed	plan and grading conflict with proposed site	remove none							plan and grading									

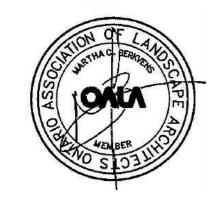
REFER TO TREE CONSERVATION REPORT FOR ADDITIONAL INFORMATION AND DETAIL ABOUT THE INVENTORY AND ASSESSMENT PROCESS



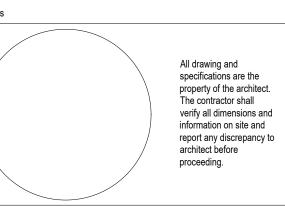
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Ronald H. Koudys, O.A.L.A. C.S.L.A. DATE



3. NOV.19.2021 2. OCT.22.2021 ISSUED FOR ZBA/SPA ISSUED FOR 50% DD 1. AUG.26.2021 ISSUED FOR 100% SD MCB revisions

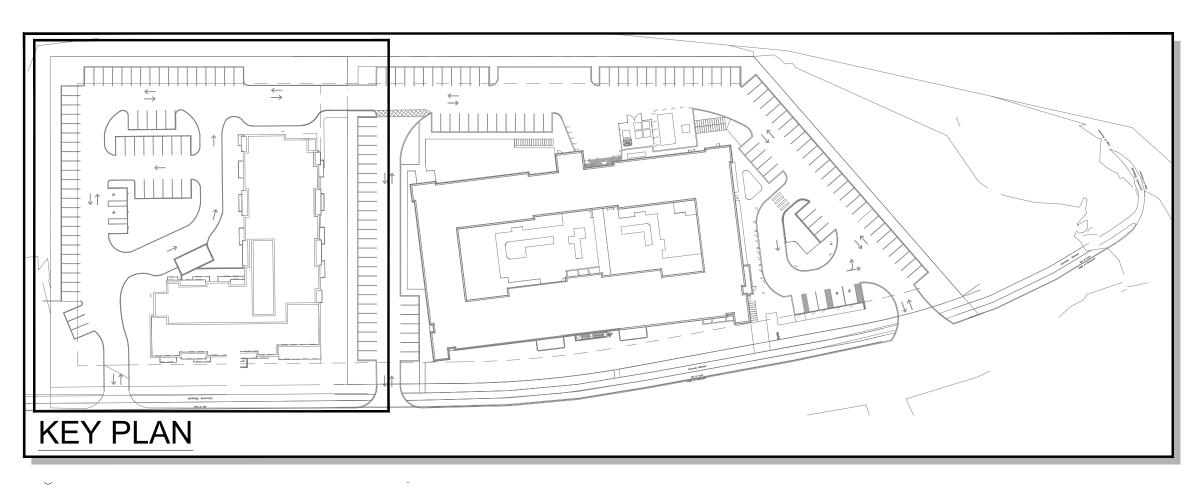


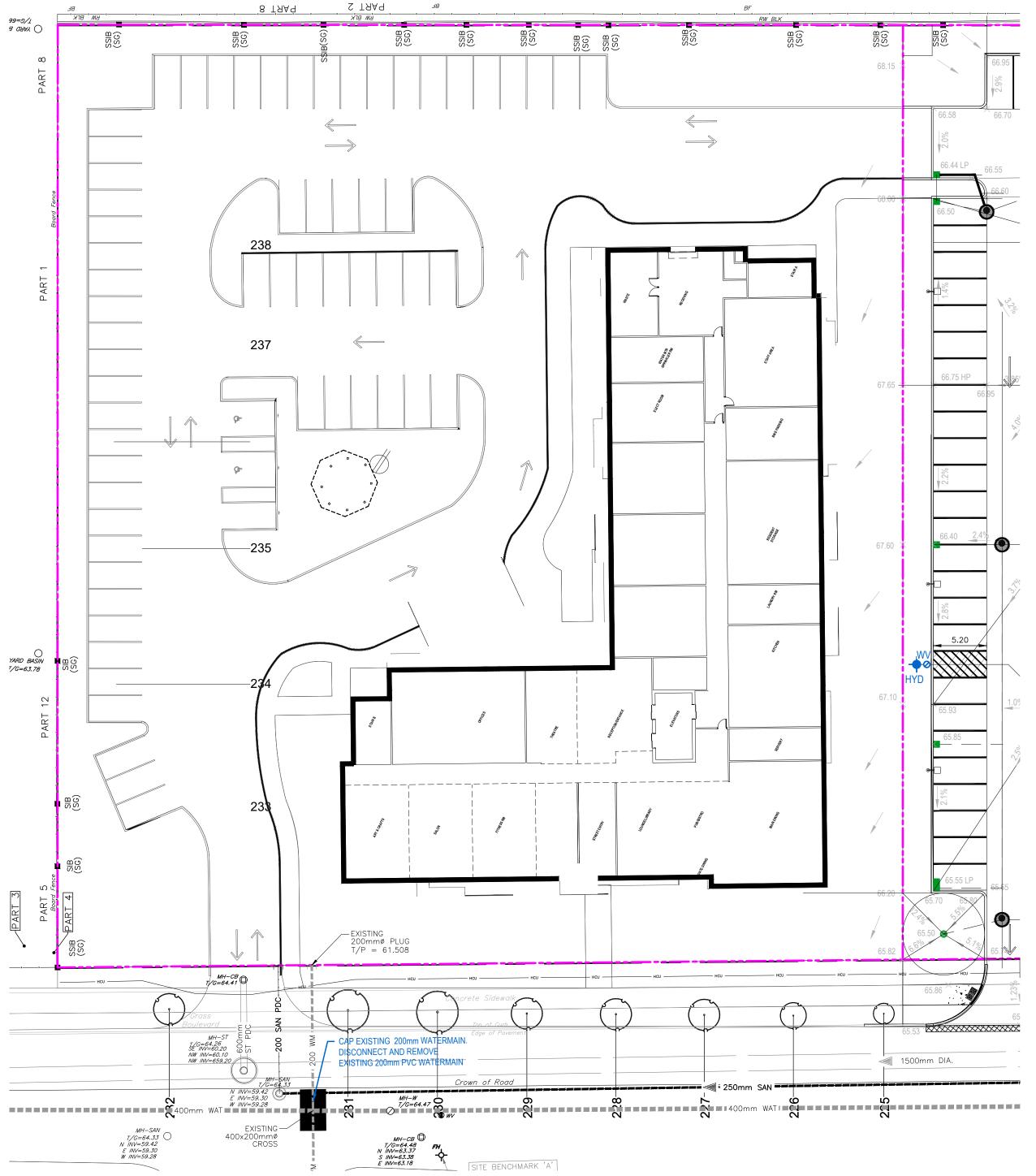
Arch Corp - Orleans

1161 OLD MONTREAL RD, ORLEANS ON, K4A 3N6

TREE PRESERVATION DETAILS 3of5

scale:	AS NOTED	
drawn by:	MCB	
reviewed by:	MCB	
job number:	21-164Lp	
plot date:	22-12-16	





PROPOSED DEVELOPMENT &

SCALE =1:300

CONSERVED VEGETATION PLAN 1of2

• •	GENERALI			SIZ		V L				TOTAL)		DECOM	MENDAT	TONC
ID#	BOTANICAL NAME	COMMON NAME		DBH (cm)		CROWN CONDITION	STRUCTURAL FORM	STRUCTURAL INTEGRITY		COMMENTS		CTED CONSTRUCTION IMPACT - critical root zone)	PRESERVE OR REMOVE	NOTES IMPACT MITIGATION CONSENT REQUIREMENTS
TR	EES WITHI	N SUBJ					I					l		
233	Gleditsia triacanthos	Honeylocust	Subject site	22	3.5	5	fair	fair	1	on trunk, crossing branches, no	none		preserve	none
234	var. inermis Gleditsia triacanthos var. inermis	Honeylocust	Subject site	24	4	5	fair	good	flare Lichen d	on trunk, crossing branches	none		preserve	none
235	Gleditsia triacanthos var. inermis	Honeylocust	Subject site	22	4	5	fair	good	1	on trunk, no flare, minor nic growth, minor dead wood	none		preserve	none
236	Gleditsia triacanthos var. inermis	Honeylocust	Subject site	20	3.5	5	fair	good		ead wood	none		preserve	none
237	Gleditsia triacanthos var. inermis	Honeylocust	Subject site	22	4	5	fair	good	Unbala	nced crown	none		preserve	none
238	Gleditsia triacanthos var. inermis	Honeylocust	Subject site	21	3.5	5	fair	good	Minor d	ead wood	none		preserve	none
TR		N PRIV	ATE PRO	PERT	ΥΑ	\DJ/	4CE	NT :	TO S	SUBJECT SITE	(10)		
201	Ulmus sp p	Elm	1171 Old Montrea		3	5	good	T .	Loose		none	•	preserve	none
202	Quercus macrocarpa	Bur Oak	Rd 1171 Old Montrea	~14	2	5	good	g ood	Low bi	ranched	none		preserve	none
203	Quercus macrocarpa	Bur Oak	Rd 1171 Old Montrea	~12, 11	2	5	fair	fair	Low bi	ranched	none		preserve	none
21	Quercus macrocarpa	Bur Oak	Rd 681 Cartographe	15-20	5	5	fair	fair	Multist	tem 5, dense crown		. 20% of critical root	preserve	tree protection barrier
59	Quercus macrocarpa	Bur Oak	St 1195 Old Montrea	1 21	3	4	fair	good	Low bi	ranched		pected to be removed . 20% of critical root	preserve	tree protection barrier
84	Quercus macrocarpa	Bur Oak	Rd 1171 Old Montrea	42	5	5	fair	fair	Epicor	mic growth	approx	pected to be removed . 5% of critical root zone	preserve	tree protection barrier
85	Quercus macrocarpa	Bur Oak	Rd 1171 Old Montrea	48	7	5	fair	poor		ninant leaders, trunk cavity at	less tha		preserve	tree protection barrier
			Rd						one lea			pected to be removed		
85b	Quercus macrocarpa	Bur Oak	1171 Old Montrea Rd		3		fair	good			none		,	tree protection barrier
92 92	Quercus macrocarpa Quercus macrocarpa	Bur Oak Bur Oak	1171 Old Montrea Rd 1171 Old Montrea		4		fair good	good good		anced crown ssed	expect approx	. 5% of critical root zone ed to be removed . 5% of critical root zone	·	·
N/I	INICIDAL T						<u> </u>				expect	ed to be removed		
204	JNICIPAL TE Acer rubrum	Red Maple	City ROW - Fami	lo I	5	T 1	<u> </u>	fair	noor	Blvd, significant trunk damag	lo and	nono	nrocoru	nono
			Laporte Ave					fair		wounds		none		re none
205	Acer rubrum	Red Maple	City ROW - Fami Laporte Ave	le	8	1.5	5 5	good	good	Blvd, suckering from base, lo	w crown	none	preserv	re none
206	Quercus rubra	Red Oak	City ROW - Fami Laporte Ave	le	5	1.2	5 5	good	good	Blvd, low crown		none	preserv	re none
207	Celtis occidentalis	Hackberry	City ROW - Fami Laporte Ave	le	5	1.2	5 5	good	good	Blvd, full form		none	preserv	re tree protection fence
211	Acer rubrum	Red Maple	City ROW - Fami Laporte Ave	le	7	1	3	poor	poor	Blvd, dead leader, entire "cro	wn" is	none	preserv	re none
212	Quercus rubra	Red Oak	City ROW - Fami	le	6	1	4	fair	fair	epicormic growth Blvd, basal damage, dead w	ood	none	preserv	re none
213	Celtis occidentalis	Hackberry	Laporte Ave City ROW - Fami	le	8	1	5	good	good	Blvd, basal damage		none	preserv	re none
214	Acer saccharum	Sugar Maple		le	3	0.	5 5	fair	fair	Blvd, basal damage, early		none	preserv	re none
215	Quercus rubra	Red Oak	Laporte Ave City ROW - Fami	le	7	1.2	5 5	good	good	defoliation Blvd, unbalanced crown		none	preserv	re none
216	Acer saccharum	Sugar Maple	Laporte Ave		4	0.7		fair	J	Blvd, narrow form		none		re none
	Acer rubrum	Red Maple	Laporte Ave City ROW - Fami		9	1.2				Blvd, suckering from base, se	alina	none		
		,	Laporte Ave							vertical trunk wound			, i	re none
	Acer rubrum	Red Maple	City ROW - Fami Laporte Ave		4					Blvd, trunnk wounds		none		re none
219	Acer rubrum	Red Maple	City ROW - Fami Laporte Ave	le	9	1.5	5 5	fair	fair	Blvd, significant suckering fro	m base	none	preserv	re none
220	Quercus rubra	Red Oak	City ROW - Fami Laporte Ave	le	8	2	5	fair	fair	Blvd, minor basal damage, 3	leaders	none	preserv	re none
		1								i .				

poor IBIvd, central leader dead and gone. In

air Blvd. basal wound. sealed vertical

fair I good IBlyd, minor basal wound

: I good IBIvd. arved leader

| I good | good | Blvd, minor trunk wounds

remaining living stems are

ity ROW - Famille

tv ROW - Famille

y ROW - Famille

tv ROW - Famille

ty ROW - Famille

Sugar Maple

Quercus rubra

Acer saccharum

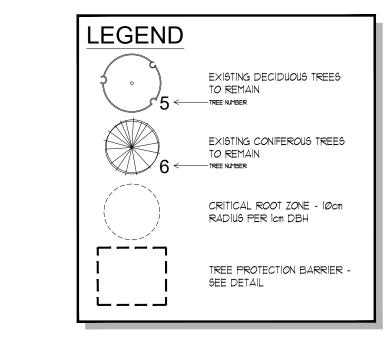
Quercus rubra

Acer saccharum

REFER TO TREE CONSERVATION REPORT FOR

ADDITIONAL INFORMATION AND DETAIL ABOUT

THE INVENTORY AND ASSESSMENT PROCESS



TREES TO BE PRESERVED (35 TOTAL)

PRE-CONSTRUCTION RECOMMENDATIONS

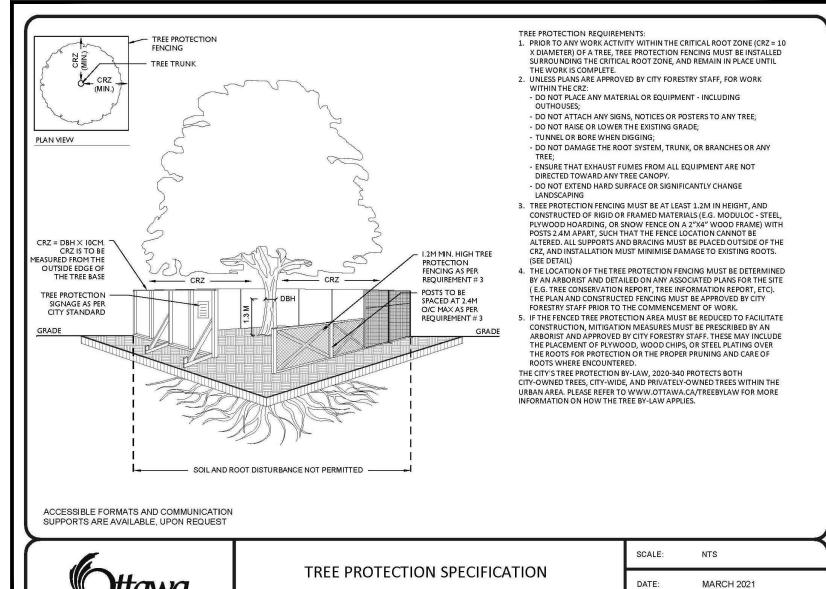
- a) PRIOR TO ANY CONSTRUCTION ACTIVITY, TREE PRESERVATION FENCING IS TO BE INSTALLED AS PER THE ATTACHED TREE PRESERVATION DRAWINGS AND DETAIL.
- b) WHERE HIGH QUALITY SPECIMENS TO BE PRESERVED ARE ADJACENT TO AREAS SUBJECT TO INTENSIVE CONSTRUCTION ACTIVITIES, THESE TREES ARE TO HAVE ADDITIONAL PROTECTION MEASURES IMPLEMENTED TO PROTECT THEIR TRUNKS FROM MECHANICAL DAMAGE. THESE MEASURES MAY INCLUDE SURROUNDING THE TRUNK WITH WOOD PLANKS. TREES THAT REQUIRE ADDITIONAL PROTECTION WILL BE CLEARLY IDENTIFIED ON THE TREE PRESERVATION PLAN WITH DETAILED INFORMATION ON SPECIFIC PROTECTION MEASURES.
- c) TREES APPROVED FOR REMOVAL ARE TO BE CLEARLY INDICATED IN THE FIELD (MARKED WITH SPRAY PAINT OR OTHER AGREED UPON METHOD) BY THE PROJECT ARBORIST OR LANDSCAPE ARCHITECT PRIOR TO ANY TREE REMOVAL OPERATIONS. ALL REMOVALS TO BE UNDERTAKEN BY AN ISA CERTIFIED ARBORIST.
- d)IN ACCORDANCE WITH THE MIGRATORY BIRDS CONVENTION ACT, 1994, ALL REMOVALS MUST TAKE PLACE BETWEEN SEPTEMBER IST AND MARCH 3IST TO AVOID DISTURBING NESTING MIGRATORY BIRDS. IF TREE REMOVAL OCCURS BETWEEN APRIL IST AND AUGUST 3IST, A BIOLOGIST IS REQUIRED TO COMPLETE A SEARCH FOR NESTS. ONCE CLEARED, THE CONTRACTOR HAS 48 HOURS TO REMOVE. IF REMOVAL DOES NOT OCCUR WITHIN 48 HOURS, ANOTHER SEARCH WILL BE REQUIRED.
- e) CARE SHOULD BE TAKEN DURING THE FELLING OPERATION TO AVOID DAMAGING THE BRANCHES, STEMS, TRUNKS, AND ROOTS OF NEARBY TREES TO BE PRESERVED. WHERE POSSIBLE, ALL TREES ARE TO BE FELLED TOWARDS THE CONSTRUCTION ZONE TO MINIMIZE IMPACTS ON ADJACENT VEGETATION. ALL REMOVALS TO BE UNDERTAKEN BY AN ISA CERTIFIED ARBORIST.
- f) IT IS RECOMMENDED THAT THE EXISTING GROUND-LAYER VEGETATION AT THE BASE OF TREES TO BE PRESERVED REMAIN INTACT WITHIN THE CRITICAL ROOT ZONE SO AS NOT TO DISTURB THE SOIL AROUND THE BASE OF THE EXISTING TREES.
- g) FINAL SITE GRADING PLANS SHOULD ENSURE THAT THE EXISTING SOIL MOISTURE CONDITIONS ARE MAINTAINED.

RECOMMENDATIONS RELATED TO THE CONSTRUCTION PROCESS

- a) TREE PRESERVATION FENCING IS TO BE MAINTAINED IN GOOD CONDITION AND EFFECTIVE FOR THE DURATION OF CONSTRUCTION UNTIL ALL CONSTRUCTION ACTIVITY IS COMPLETE OR AS PER THE PROJECT ARBORIST OR LANDSCAPE ARCHITECT.
- b) NO CONSTRUCTION, EXCAVATION, ADDING OF FILL, STOCKPILING OF CONSTRUCTION MATERIAL, OR HEAVY EQUIPMENT IS PERMITTED WITHIN THE CRITICAL ROOT ZONE/WITHIN THE TREE PRESERVATION FENCING.
- c) WHEN EXCAVATION NEAR A TREE IS REQUIRED, AND IT IS ANTICIPATED THAT ROOTS WILL BE SEVERED AND EXPOSED, DURATION OF EXPOSURE IS TO BE MINIMIZED TO PREVENT ROOT DESICCATION.
- d) DURING THE EXCAVATION PROCESS, ROOTS 25MM OR LARGER THAT ARE SEVERED AND EXPOSED SHOULD BE HAND PRUNED TO LEAVE A CLEAN-CUT SURFACE. TO BE UNDERTAKEN BY AN ISA CERTIFIED ARBORIST. EXPOSED SEVERED ROOTS THAT CANNOT BE COVERED IN SOIL ON THE SAME DAY AS THE CUTS ARE MADE ARE TO BE KEPT MOIST. EXPOSED ROOTS ARE TO BE KEPT MOIST BY COVERING THEM WITH WATER SOAKED BURLAP OR ANY OTHER MEANS AVAILABLE TO PREVENT THEM FROM DRYING OUT.
- e) AVOID IDLING HEAVY EQUIPMENT UNDER/WITHIN CLOSE PROXIMITY TO TREES TO BE PRESERVED TO PREVENT CANOPY DAMAGE FROM EXPOSURE TO EXHAUST HEAT.

POST-CONSTRUCTION RECOMMENDATIONS

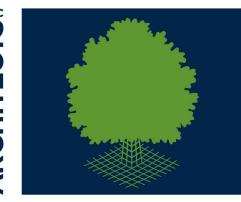
- a) AVOID DISCHARGING RAIN WATER LEADERS ADJACENT TO RETAINED TREES, AS THIS MAY RESULT IN AN OVERLY MOIST ENVIRONMENT WHICH CAN CAUSE ROOT ROT.
- b) AFTER ALL WORK IS COMPLETED, TREE PRESERVATION FENCES AND ANY OTHER IMPACT MITIGATION PARAPHERNALIA MUST BE REMOVED.
- c) A FINAL REVIEW MUST BE UNDERTAKEN BY THE PROJECT ARBORIST TO ENSURE THAT ALL MITIGATION MEASURES AS DESCRIBED ABOVE HAVE BEEN MET.



TO BE IMPLEMENTED FOR RETAINED TREES, BOTH ON SITE AND ON ADJACENT SITES, PRIOR TO ANY TREE REMOVAL OR SITE WORKS AND MAINTAINED FOR THE DURATION OF WORK ACTIVITIES ON SITE.

DRAWING NO.: 1 of 1

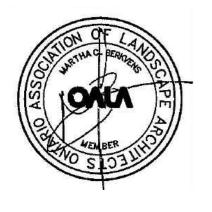
ON KOUDYS ANDSCAPE

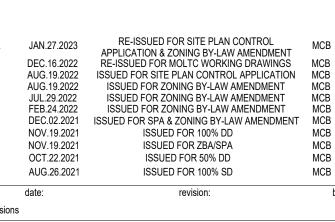


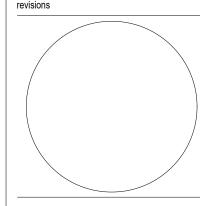
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THIS DRAWING SHALL NOT BE USED FOR CONSTRUCTION OR TENDER PURPOSES UNLESS SIGNED AND DATED BY RONALD H. KOUDYS, OALA, CSLA, LANDSCAPE ARCHITECT, I ONDON ONTARIO (519) 667-3322

Ronald H. Koudys, O.A.L.A. C.S.L.A. DATE







All drawing and specifications are the property of the architect. The contractor shall verify all dimensions and information on site and report any discrepancy to architect before proceeding.

Arch Corp - Orleans

1161 OLD MONTREAL RD, ORLEANS ON, K4A 3N6

TREE PRESERVATION PLAN

scale:	AS NOTED	
drawn by:	MCB	
reviewed by:	MCB	
job number:	21-164Lp	
plot date:	22-12-16	

T-4

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