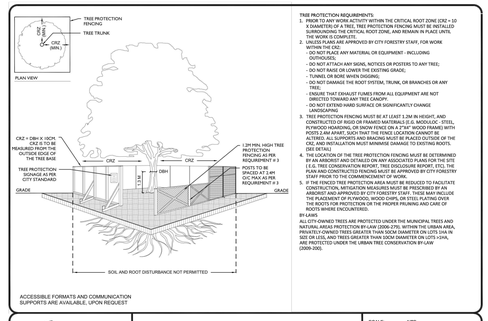
Tree Number	Common Name	Botanical Name	DBH (cm)	Drip Line Radius (m)	Min TPZ Radius (m)	CRZ Radius (m)	Tree Condition	Tree Health	Impact	Ownership	Comments
201	White Ash	Fraxinus americana	24	3	3	2.4	F	P	Remove due to condition	Client	Almost dead, some live shoots
207	White Ash	Fraxinus americana	29	2	2	2.9	P	P	Remove due to condition	Client	Almost dead, some live shoots
208	White Ash	Fraxinus americana	20	2	2	2.0	P	P	Remove due to condition	Client	Almost dead, some live shoots
209	White Ash	Fraxinus americana	18,20=27	2	2	2.7	P	P	Remove due to condition	Client	Almost dead, some live shoots
210	White Ash	Fraxinus americana	13	3	3	1.3	P	F	Remove	Client	N/A
211	Manitoba Maple	Acer negundo	10	2	2	1.0	F	G	Remove	Client	N/A
212	American Elm	Ulmus americana	16	1	1	1.6	P	D	Remove due to condition	Client	Appears dead
213	White Ash	Fraxinus americana	28	2	2	2.8	P	P	Remove due to condition	Client	Almost dead, some live shoots
214	Norway Maple	Acer platanoides	13	3	3	1.3	G	G	Protect	Client	N/A
215	White Ash	Fraxinus americana	15	3	3	1.5	F	P	Remove due to condition	Client	N/A
216	White Ash	Fraxinus americana	16	2	2	1.6	P	D	Remove due to condition	Client	Appears dead
217	American Elm	Ulmus americana	10	2	2	1.0	G	G	Remove	Client	N/A
218	White Ash	Fraxinus americana	14	2	2	1.4	P	P	Remove due to condition	Client	Almost dead, few live shoots
219	Norway Maple	Acer platanoides	18	3	3	1.8	G	G	Remove	Client	N/A
220	White Ash	Fraxinus americana	30,18,10=36	5	5	3.6	P	P	Remove due to condition	Client	Almost dead, some live shoots
221	White Ash	Fraxinus americana	12	3	3	1.2	F	P	Remove due to condition	Client	Some live branches/shoots
222	White Ash	Fraxinus americana	16	3	3	1.6	F	P	Remove due to condition	Client	Almost dead, some live shoots
223	Manitoba Maple	Acer negundo	17	4	4	1.7	F	G	Protect	Client	N/A
224	American Elm	Ulmus americana	34	6	6	3.4	G	G	Remove	Client	N/A
225	White Ash	Fraxinus americana	18	2	2	1.8	F	P	Remove due to condition	Client	Almost dead, few live shoots
226	American Elm	Ulmus americana	10	2	2	1.0	G	G	Protect	Shared - 88 Brockington Crescent, Nepean, ON K2G	N/A
228	Trembling Aspen	Populus tremuloides	21	3	3	2.1	G	G	Remove	Client	N/A
229	White Ash	Fraxinus americana	20	3	3	2.0	F	P	Remove	Shared - 88 Brockington Crescent, Nepean, ON K2G	Almost dead, some live shoots
230	Trembling Aspen	Populus tremuloides	22	2	2	2.2	F	G	Protect	Client	N/A
231	Trembling Aspen	Populus tremuloides	27	2	2	2.7	P	D	Remove due to condition	Client	Appears dead
232	Trembling Aspen	Populus tremuloides	22	3	3	2.2	G	G	Protect	88 Brockington Crescent, Nepean, ON K2G 5L1	N/A
233	Trembling Aspen	Populus tremuloides	31	4	4	3.1	G	F	Remove	Client	N/A
236	American Elm	Ulmus americana	25	5	5	2.5	G	G	Remove	88 Brockington Crescent, Nepean, ON K2G 5L1	N/A
237	Manitoba Maple	Acer negundo	29,16,12=35	6	6	3.5	P	G	Remove	Client	N/A
238	Sugar Maple	Acer saccharum	41	6	6	4.1	G	G	Remove	Client	N/A
239	Serviceberry	Amelanchier species	14,12,12,13=26	6	6	2.6	G	G	Remove	Client	N/A
240	Hedge Maple	Acer campestre	19	5	5	1.9	F	G	Remove	Client	N/A
241	Austrian Pine	Pinus nigra	43	5	5	4.3	G	G	Remove	Client	N/A
242	Austrian Pine	Pinus nigra	35	5	5	3.5	G	G	Remove	Client	N/A
243	Hedge Maple	Acer campestre	25,18=31	5	5	3.1	F	F	Remove	Shared - 149 Medhurst Drive, Nepean, ON K2G 5K9	N/A
244	Crabapple	Malus species	22,24=33	5	5	3.3	F	F	Remove	Client	N/A
245	Crabapple	Malus species	28	5	5	2.8	F	G	Remove	Client	N/A
246	White Ash	Fraxinus americana	29	3	3	2.9	P	P	Remove	Client	Almost dead, few live shoots
247	Honey Locust	Gleditsia triacanthos	44	6	6	4.4	G	G	Remove	Client	N/A
272	Honey Locust	Gleditsia triacanthos	38	6	6	3.8	G	G	Remove	Client	N/A
273	Honey Locust	Gleditsia triacanthos	40	5	5	4.0	G	G	Remove	Client	N/A
274	Hedge Maple	Acer campestre	20,20=28	6	6	2.8	F	G	Remove	Client	N/A
275	Hedge Maple	Acer campestre	20,20=28	5	5	2.8	F	G	Remove	Shared - 149 Medhurst Drive, Nepean, ON K2G 5K9	N/A
276	Eastern White Cedar	Thuja occidentalis	15	3	3	1.5	G	G	Protect	Client	N/A
277	Eastern White Cedar	Thuja occidentalis	10	2	2	1.0	G	G	Protect	92 Brockington Crescent, Nepean, ON K2G 5L3	N/A
278	Eastern White Cedar	Thuja occidentalis	12	2	2	1.2	G	G	Protect	93 Brockington Crescent, Nepean, ON K2G 5L3	N/A
279	Eastern White Cedar	Thuja occidentalis	15	3	3	1.5	G	G	Protect	94 Brockington Crescent, Nepean, ON K2G 5L3	N/A
280	Eastern White Cedar	Thuja occidentalis	12	3	3	1.2	G	G	Protect	95 Brockington Crescent, Nepean, ON K2G 5L3	N/A
281	Eastern White Cedar	Thuja occidentalis	12	3	3	1.2	G	G	Protect	96 Brockington Crescent, Nepean, ON K2G 5L3	N/A
282	Eastern White Cedar	Thuja occidentalis	15	3	3	1.5	G	G	Protect	97 Brockington Crescent, Nepean, ON K2G 5L3	N/A
283	Eastern White Cedar	Thuja occidentalis	15	3	3	1.5	G	G	Protect	98 Brockington Crescent, Nepean, ON K2G 5L3	N/A
284	Eastern White Cedar	Thuja occidentalis	15	3	3	1.5	G	G	Protect	99 Brockington Crescent, Nepean, ON K2G 5L3	N/A
285	Littleleaf Linden	Tilia cordata	40	5	5	4.0	F	F	Remove	100 Brockington Crescent, Nepean, ON K2G 5L3	N/A
286	Eastern White Cedar	Thuja occidentalis	12	3	3	1.2	G	G	Injure	Shared - 100 Brockington Crescent, Nepean, ON K2G	N/A
287	Eastern White Cedar	Thuja occidentalis	12	3	3	1.2	G	G	Injure	Shared - 100 Brockington Crescent, Nepean, ON K2G	N/A
288	Eastern White Cedar	Thuja occidentalis	15	3	3	1.5	G	G	Injure	Shared - 100 Brockington Crescent, Nepean, ON K2G	N/A
289	Eastern White Cedar	Thuja occidentalis	14	3	3	1.4	G	G	Remove	Shared - 100 Brockington Crescent, Nepean, ON K2G	N/A
290	Eastern White Cedar	Thuja occidentalis	15	3	3	1.5	G	G	Injure	Shared - 100 Brockington Crescent, Nepean, ON K2G	N/A
291	Eastern White Cedar	Thuja occidentalis	12	3	3	1.2	G	G	Injure	Shared - 100 Brockington Crescent, Nepean, ON K2G	N/A
292	Eastern White Cedar	Thuja occidentalis	15	3	3	1.5	G	G	Injure	Shared - 100 Brockington Crescent, Nepean, ON K2G	N/A
293	Eastern White Cedar	Thuja occidentalis	14	3	3	1.4	G	G	Injure	Shared - 100 Brockington Crescent, Nepean, ON K2G	N/A
294	Eastern White Cedar	Thuja occidentalis	12	3	3	1.2	G	G	Injure	Shared - 100 Brockington Crescent, Nepean, ON K2G	N/A
295	Eastern White Cedar	Thuja occidentalis	15	3	3	1.5	G	G	Injure	Shared - 100 Brockington Crescent, Nepean, ON K2G	N/A
296	Eastern White Cedar	Thuja occidentalis	16	4	4	1.6	G	G	Injure	Shared - 100 Brockington Crescent, Nepean, ON K2G	N/A
297	Eastern White Cedar	Thuja occidentalis	15	4	4	1.5	G	G	Injure	Shared - 100 Brockington Crescent, Nepean, ON K2G	N/A



TREE PROTECTION REQUIREMENTS:

1. PRIOR TO ANY WORK ACTIVITY WITHIN THE CRITICAL ROOT ZONE (CRZ = 10 X DIAMETER) OF A TREE, TREE PROTECTION FENCING MUST BE INSTALLED AROUND THE TREE(S) TO PROTECT THE ROOT ZONE, AND REMAIN IN PLACE UNTIL THE WORK IS COMPLETE.
2. UNLESS PLANS ARE APPROVED BY CITY FORESTRY STAFF, FOR WORK WITHIN THE CRZ:
   - DO NOT PLACE ANY MATERIAL OR EQUIPMENT - INCLUDING VEHICLES,
   - DO NOT ATTACH ANY SIGNS, NOTICES OR POSTERS TO ANY TREE;
   - DO NOT RAISE OR LOWER THE EXISTING GRADE;
   - TUNNEL OR BORE WHEN DIGGING;
   - DO NOT DAMAGE THE ROOT SYSTEM, TRUNK, OR BRANCHES OR ANY TREE;
   - ENSURE THAT EXHAUST FUMES FROM ALL EQUIPMENT ARE NOT DIRECTED TOWARD ANY TREE CANOPY.
   - DO NOT EXTEND HARD SURFACE OR SIGNIFICANTLY CHANGE LANDSCAPING.
3. TREE PROTECTION FENCING MUST BE AT LEAST 1.2M IN HEIGHT, AND CONSTRUCTED OF WOOD OR FRAMED MATERIALS (E.G. MODULOC, STEEL, PLYWOOD HOARDING, OR SNOW FENCE ON A 2"X4" WOOD FRAME) WITH POSTS 2.4M APART, SUCH THAT THE FENCE LOCATION CANNOT BE ALTERED. ALL SUPPORTS AND BRACING MUST BE PLACED OUTSIDE OF THE CRZ. THE INSTALLATION MUST MINIMIZE DAMAGE TO EXISTING ROOTS (SEE DETAIL)
4. THE LOCATION OF THE TREE PROTECTION FENCING MUST BE DETERMINED BY AN ARBORIST AND DETAILED ON ANY ASSOCIATED PLANS FOR THE SITE (E.G. TREE CONSERVATION REPORT, TREE DISCLOSURE REPORT, ETC). THE LOCATION MUST BE APPROVED BY CITY FORESTRY STAFF PROVIDED BY CITY FORESTRY STAFF PRIOR TO THE COMMENCEMENT OF WORK.
5. IF THE FENCED TREE PROTECTION AREA MUST BE REDUCED TO FACILITATE CONSTRUCTION, MITIGATION MEASURES MUST BE PRESCRIBED BY AN ARBORIST AND APPROVED BY CITY FORESTRY STAFF. THESE MAY INCLUDE: ROOT PRUNING, CROWN PRUNING, TUNNELING, OR AIR SPADING THE ROOTS FOR PROTECTION OR THE PROPER PRUNING AND CARE OF ROOTS WHERE ENCOUNTERED.

BY-LAWS

ALL CITY-OWNED TREES ARE PROTECTED UNDER THE MUNICIPAL TREES AND FORESTS BY-LAW. PRIVATE-OWNED TREES WITHIN THE URBAN AREA AND PRIVATELY-OWNED TREES GREATER THAN 50CM DIAMETER ON LOTS 1HA IN SIZE OR LESS, AND TREES GREATER THAN 30CM DIAMETER ON LOTS >1HA, ARE PROTECTED UNDER THE URBAN TREE CONSERVATION BY-LAW (2009-200).

Ottawa

TREE PROTECTION SPECIFICATION

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.

SCALE:	NTS
DATE:	MAY 2019
DRAWING NO.:	1 of 1

SPECIFICATIONS FOR THE PROTECTION AND PRESERVATION OF EXISTING TREES

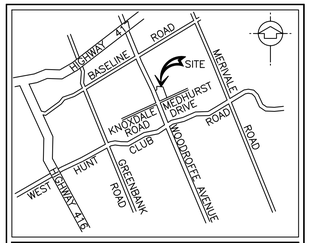
1. ALL EXISTING TREES WHICH ARE TO REMAIN SHALL BE FULLY PROTECTED WITH FENCING ERECTED AROUND THE ENTIRE PERIMETER OF THE TREE PROTECTION ZONE IN ACCORDANCE WITH TPZ MINIMUM DISTANCE REQUIREMENTS. GROUPS OF TREES AND OTHER EXISTING PLANTINGS TO BE PROTECTED, SHALL BE DONE IN A LIKE MANNER WITH FENCING AROUND THE ENTIRE CLUMP(S).
2. AREAS WITHIN THE PROTECTIVE FENCING SHALL REMAIN UNDISTURBED AND SHALL NOT BE USED FOR THE STORAGE OF BUILDING MATERIALS OR EQUIPMENT.
3. THIS WORK SHALL BE COMPLETED, TO THE SATISFACTION OF THE COMMISSIONER OF DEVELOPMENT SERVICES, PRIOR TO THE ISSUANCE OF BUILDING PERMITS FOR THE SITE DEVELOPMENT. THE DEVELOPER OR HIS/HER AGENT SHALL TAKE EVERY PRECAUTION NECESSARY TO PREVENT DAMAGE TO TREES OR SHRUBS TO BE RETAINED.
4. NO RIGGING CABLES SHALL BE WRAPPED AROUND OR INSTALLED IN TREES; AND SURPLUS SOIL, EQUIPMENT, DEBRIS OR MATERIALS SHALL NOT BE PLACED OVER ROOT SYSTEMS OF THE TREES WITHIN THE PROTECTIVE FENCING. NO CONTAMINANTS WILL BE DUMPED OR FLUSHED WHERE FEEDER ROOTS OF TREES EXIST.
5. WHERE LIMBS OR PORTIONS OF TREES ARE REMOVED TO ACCOMMODATE CONSTRUCTION WORK, THEY WILL BE CAREFULLY REMOVED BY AN ISA CERTIFIED ARBORIST.
6. WHERE ROOT SYSTEMS OF PROTECTED TREES ARE EXPOSED DIRECTLY ADJACENT TO OR DAMAGED BY CONSTRUCTION WORK, THEY SHALL BE TRIMMED NEARLY BY A QUALIFIED ARBORIST AND THE AREA BACK FILLED WITH APPROPRIATE MATERIAL TO PREVENT DESICCATION.
7. IF GRADES AROUND TREES TO BE PRESERVED ARE LIKELY TO CHANGE, THE DEVELOPER SHALL BE REQUIRED TO TAKE SUCH PRECAUTION AS DRY WELLING AND ROOT FEEDING TO THE SATISFACTION OF THE COMMISSIONER OF DEVELOPMENT SERVICES.
8. TREES TO BE PRESERVED THAT HAVE DIED OR HAVE BEEN DAMAGED BEYOND REPAIR, SHALL BE SUBJECT TO SUITABLE COMPENSATION AS DETERMINED BY THE TOWN OF MARKHAM AND REVIEW OF THE TREE INVENTORY AND ANALYSIS.
9. AN ISA CERTIFIED ARBORIST SHALL BE ON SITE FOR ANY WORK WHICH IMPACTS ANY TREE OR TREE PROTECTION ZONE.

LEGEND:

- DENOTES SURVEYED LOCATION OF EXISTING TREES, & # SPECIES / CALIPER /CONDITIONS /REMARKS ARE AS NOTED IN ARBORIST REPORT & TREE INVENTORY LIST
- TREE PRESERVATION FENCE, PER OTTAWA TREE PROTECTION SPECIFICATION DETAIL
- DENOTES EXISTING TREES TO BE REMOVED FOR DEVELOPMENT, AS NOTED, SEE ARBORIST REPORT

IT IS THE CONTRACTOR'S RESPONSIBILITY TO:

1. DETERMINE LOCATION OF ALL EXISTING SERVICES AND OBTAIN NECESSARY STAKE-OUTS BEFORE ANY EXCAVATION.
2. USE FIGURED DIMENSIONS, OPPOSED TO SCALING, AND VERIFY DIMENSIONS AT THE SITE.
3. REPORT ALL DISCREPANCIES TO THE LANDSCAPE ARCHITECT, AND AGREE IN WRITING, BEFORE PROCEEDING.
4. CONTRACTOR'S SHALL DO THEIR OWN SITE INSPECTIONS FOR ESTIMATED PURPOSES.



KEY PLAN Scale= n.t.s.

wood.

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04/27/21	ISSUED FOR SPA
12/03/21	RE-ISSUED FOR SPA
03/25/22	RE-ISSUED FOR SPA

PROFESSIONAL SEAL

PROFESSIONAL IN CHARGE
S. HUGHES

PROJECT MANAGER
S. LAWRENCE

QUALITY CONTROL
S. BUTINARI

DRAWN BY
F. RIVARD

PROJECT NAME

CIRCLE K STORES INC. R&R No. 52287

NEPEAN ONTARIO

1545 WOODROFFE AVENUE NEPEAN, ON, CANADA K2G 1W2

CIRCLE K STORES INC.

PROJECT NUMBER
BE20207036

SHEET TITLE

TREE PRESERVATION AND PROTECTION EXISTING CONDITIONS PLAN

SHEET NUMBER

L1.0

D07-12-21-0056

DWG # 17094

Tree Number	Common Name	Botanical Name	DBH (cm)	Drip Line Radius (m)	Min TPZ Radius (m)	CRZ Radius (m)	Tree Condition	Tree Health	Impact	Ownership	Comments
201	White Ash	Fraxinus americana	24	3	3	2.4	F	P	Remove due to condition	Client	Almost dead, some live shoots
207	White Ash	Fraxinus americana	29	2	2	2.9	P	P	Remove due to condition	Client	Almost dead, some live shoots
208	White Ash	Fraxinus americana	20	2	2	2.0	P	P	Remove due to condition	Client	Almost dead, some live shoots
209	White Ash	Fraxinus americana	18,20=27	2	2	2.7	P	P	Remove due to condition	Client	Almost dead, some live shoots
210	White Ash	Fraxinus americana	13	3	3	1.3	P	F	Remove	Client	N/A
211	Manitoba Maple	Acer negundo	10	2	2	1.0	F	G	Remove	Client	N/A
212	American Elm	Ulmus americana	16	1	1	1.6	P	D	Remove due to condition	Client	Appears dead
213	White Ash	Fraxinus americana	28	2	2	2.8	P	P	Remove due to condition	Client	Almost dead, some live shoots
214	Norway Maple	Acer platanoides	13	3	3	1.3	G	G	Protect	Client	N/A
215	White Ash	Fraxinus americana	15	3	3	1.5	F	P	Remove due to condition	Client	N/A
216	White Ash	Fraxinus americana	16	2	2	1.6	P	D	Remove due to condition	Client	Appears dead
217	American Elm	Ulmus americana	10	2	2	1.0	G	G	Remove	Client	N/A
218	White Ash	Fraxinus americana	14	2	2	1.4	P	P	Remove due to condition	Client	Almost dead, few live shoots
219	Norway Maple	Acer platanoides	18	3	3	1.8	G	G	Remove	Client	N/A
220	White Ash	Fraxinus americana	30,18,10=36	5	5	3.6	P	P	Remove due to condition	Client	Almost dead, some live shoots
221	White Ash	Fraxinus americana	12	3	3	1.2	F	P	Remove due to condition	Client	Some live branches/shoots
222	White Ash	Fraxinus americana	16	3	3	1.6	F	P	Remove due to condition	Client	Almost dead, some live shoots
223	Manitoba Maple	Acer negundo	17	4	4	1.7	F	G	Protect	Client	N/A
224	American Elm	Ulmus americana	34	6	6	3.4	G	G	Remove	Client	N/A
225	White Ash	Fraxinus americana	18	2	2	1.8	F	P	Remove due to condition	Client	Almost dead, few live shoots
226	American Elm	Ulmus americana	10	2	2	1.0	G	G	Protect	Shared - 88 Brockington Crescent, Nepean, ON K2G	N/A
228	Trembling Aspen	Populus tremuloides	21	3	3	2.1	G	G	Remove	Client	N/A
229	White Ash	Fraxinus americana	20	3	3	2.0	F	P	Remove	Shared - 88 Brockington Crescent, Nepean, ON K2G	Almost dead, some live shoots
230	Trembling Aspen	Populus tremuloides	22	2	2	2.2	F	G	Protect	Client	N/A
231	Trembling Aspen	Populus tremuloides	27	2	2	2.7	P	D	Remove due to condition	Client	Appears dead
232	Trembling Aspen	Populus tremuloides	22	3	3	2.2	G	G	Protect	88 Brockington Crescent, Nepean, ON K2G 5L1	N/A
233	Trembling Aspen	Populus tremuloides	31	4	4	3.1	G	F	Remove	Client	N/A
236	American Elm	Ulmus americana	25	5	5	2.5	G	G	Remove	88 Brockington Crescent, Nepean, ON K2G 5L1	N/A
237	Manitoba Maple	Acer negundo	29,16,12=35	6	6	3.5	P	G	Remove	Client	N/A
238	Sugar Maple	Acer saccharum	41	6	6	4.1	G	G	Remove	Client	N/A
239	Serviceberry	Amelanchier species	14,12,12,13=26	6	6	2.6	G	G	Remove	Client	N/A
240	Hedge Maple	Acer campestre	19	5	5	1.9	F	G	Remove	Client	N/A
241	Austrian Pine	Pinus nigra	43	5	5	4.3	G	G	Remove	Client	N/A
242	Austrian Pine	Pinus nigra	35	5	5	3.5	G	G	Remove	Client	N/A
243	Hedge Maple	Acer campestre	25,18=31	5	5	3.1	F	F	Remove	Shared - 149 Medhurst Drive, Nepean, ON K2G 5K9	N/A
244	Crabapple	Malus species	22,24=33	5	5	3.3	F	F	Remove	Client	N/A
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246	White Ash	Fraxinus americana	29	3	3	2.9	P	P	Remove	Client	Almost dead, few live shoots
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272	Honey Locust	Gleditsia triacanthos	38	6	6	3.8	G	G	Remove	Client	N/A
273	Honey Locust	Gleditsia triacanthos	40	5	5	4.0	G	G	Remove	Client	N/A
274	Hedge Maple	Acer campestre	20,20=28	6	6	2.8	F	G	Remove	Client	N/A
275	Hedge Maple	Acer campestre	20,20=28	5	5	2.8	F	G	Remove	Shared - 149 Medhurst Drive, Nepean, ON K2G 5K9	N/A
276	Eastern White Cedar	Thuja occidentalis	15	3	3	1.5	G	G	Protect	Client	N/A
277	Eastern White Cedar	Thuja occidentalis	10	2	2	1.0	G	G	Protect	92 Brockington Crescent, Nepean, ON K2G 5L3	N/A
278	Eastern White Cedar	Thuja occidentalis	12	2	2	1.2	G	G	Protect	93 Brockington Crescent, Nepean, ON K2G 5L3	N/A
279	Eastern White Cedar	Thuja occidentalis	15	3	3	1.5	G	G	Protect	94 Brockington Crescent, Nepean, ON K2G 5L3	N/A
280	Eastern White Cedar	Thuja occidentalis	12	3	3	1.2	G	G	Protect	95 Brockington Crescent, Nepean, ON K2G 5L3	N/A
281	Eastern White Cedar	Thuja occidentalis	12	3	3	1.2	G	G	Protect	96 Brockington Crescent, Nepean, ON K2G 5L3	N/A
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283	Eastern White Cedar	Thuja occidentalis	15	3	3	1.5	G	G	Protect	98 Brockington Crescent, Nepean, ON K2G 5L3	N/A
284	Eastern White Cedar	Thuja occidentalis	15	3	3	1.5	G	G	Protect	99 Brockington Crescent, Nepean, ON K2G 5L3	N/A
285	Littleleaf Linden	Tilia cordata	40	5	5	4.0	F	F	Remove	100 Brockington Crescent, Nepean, ON K2G 5L3	N/A
286	Eastern White Cedar	Thuja occidentalis	12	3	3	1.2	G	G	Injure	Shared - 100 Brockington Crescent, Nepean, ON K2G	N/A
287	Eastern White Cedar	Thuja occidentalis	12	3	3	1.2	G	G	Injure	Shared - 100 Brockington Crescent, Nepean, ON K2G	N/A
288	Eastern White Cedar	Thuja occidentalis	15	3	3	1.5	G	G	Injure	Shared - 100 Brockington Crescent, Nepean, ON K2G	N/A
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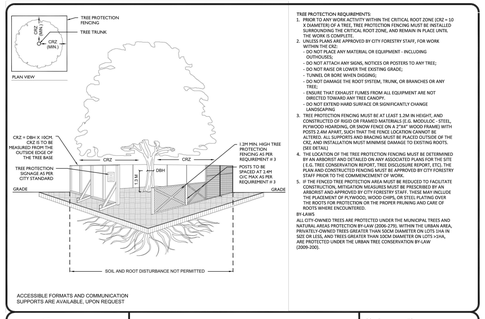
291	Eastern White Cedar	Thuja occidentalis	12	3	3	1.2	G	G	Injure	Shared - 100 Brockington Crescent, Nepean, ON K2G	N/A
292	Eastern White Cedar	Thuja occidentalis	15	3	3	1.5	G	G	Injure	Shared - 100 Brockington Crescent, Nepean, ON K2G	N/A
293	Eastern White Cedar	Thuja occidentalis	14	3	3	1.4	G	G	Injure	Shared - 100 Brockington Crescent, Nepean, ON K2G	N/A
294	Eastern White Cedar	Thuja occidentalis	12	3	3	1.2	G	G	Injure	Shared - 100 Brockington Crescent, Nepean, ON K2G	N/A
295	Eastern White Cedar	Thuja occidentalis	15	3	3	1.5	G	G	Injure	Shared - 100 Brockington Crescent, Nepean, ON K2G	N/A
296	Eastern White Cedar	Thuja occidentalis	16	4	4	1.6	G	G	Injure	Shared - 100 Brockington Crescent, Nepean, ON K2G	N/A
297	Eastern White Cedar	Thuja occidentalis	15	4	4	1.5	G	G	Injure	Shared - 100 Brockington Crescent, Nepean, ON K2G	N/A



TREE PROTECTION REQUIREMENTS:

1. PRIOR TO ANY WORK ACTIVITY WITHIN THE CRITICAL ROOT ZONE (CRZ = 10 X DIAMETER) OF A TREE, TREE PROTECTION FENCING MUST BE INSTALLED AROUND THE CRITICAL ROOT ZONE, AND REMAIN IN PLACE UNTIL THE WORK IS COMPLETE.
2. UNLESS PLANS ARE APPROVED BY CITY FORESTRY STAFF, FOR WORK WITHIN THE DSE:
   - DO NOT PLACE ANY MATERIAL OR EQUIPMENT - INCLUDING VEHICLES,
   - DO NOT ATTACH ANY SIGNS, NOTICES OR WARNINGS TO ANY TREE;
   - DO NOT RAISE OR LOWER THE EXISTING GRADE;
   - TUNNEL OR BORE WHEN DIGGING;
   - DO NOT DAMAGE THE ROOT SYSTEM, TRUNK, OR BRANCHES OR ANY TREE;
   - ENSURE THAT EXHAUST FUMES FROM ALL EQUIPMENT ARE NOT DIRECTED TOWARD ANY TREE CANOPY.
   - DO NOT EXTEND HARD SURFACE OR SIGNIFICANTLY CHANGE LANDSCAPING.
3. TREE PROTECTION FENCING MUST BE AT LEAST 1.2M IN HEIGHT, AND CONSTRUCTED OF WOOD OR FRAMED MATERIALS (I.E. MODULOC, STEEL, PLYWOOD HOARDING, OR SNOW FENCE ON A 2"X4" WOOD FRAME) WITH POSTS 2.4M APART, SUCH THAT THE FENCE LOCATION CANNOT BE ALTERED. ALL SUPPORTS AND BRACING MUST BE PLACED OUTSIDE OF THE CRZ. THE INSTALLATION MUST MINIMIZE DAMAGE TO EXISTING BRANCHES (SEE DETAIL)
4. THE LOCATION OF THE TREE PROTECTION FENCING MUST BE DETERMINED BY AN ARBORIST AND DETAILED ON ANY ASSOCIATED PLANS FOR THE SITE (E.G. TREE CONSERVATION REPORT, TREE DISCLOSURE REPORT, ETC). THE LOCATION MUST BE APPROVED BY CITY FORESTRY OR DESIGNED BY CITY FORESTRY STAFF PRIOR TO THE COMMENCEMENT OF WORK.
5. IF THE FENCED TREE PROTECTION AREA MUST BE REDUCED TO FACILITATE CONSTRUCTION, MITIGATION MEASURES MUST BE PRESCRIBED BY AN ARBORIST AND APPROVED BY CITY FORESTRY STAFF. THESE MAY INCLUDE: ROOT PRUNING, CROWN PRUNING, OR ROOT ZONE SOIL AERATION OF THE ROOTS FOR PROTECTION OR THE PROPER PRUNING AND CARE OF ROOTS WHERE ENCOUNTERED.

BY-LAWS

ALL CITY-OWNED TREES ARE PROTECTED UNDER BY-LAW(NON-FOREST) AND BY-LAW(FOREST) WITHIN THE URBAN TREE CONSERVATION BY-LAW. PRIVATELY-OWNED TREES GREATER THAN 50CM DIAMETER ON LOTS 1HA IN SIZE OR LESS, AND TREES GREATER THAN 10CM DIAMETER ON LOTS >1HA, ARE PROTECTED UNDER THE URBAN TREE CONSERVATION BY-LAW (2009-200).

Ottawa

TREE PROTECTION SPECIFICATION

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.

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SPECIFICATIONS FOR THE PROTECTION AND PRESERVATION OF EXISTING TREES

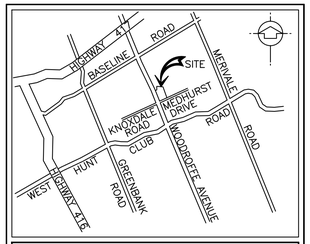
1. ALL EXISTING TREES WHICH ARE TO REMAIN SHALL BE FULLY PROTECTED WITH FENCING ERECTED AROUND THE ENTIRE PERIMETER OF THE TREE PROTECTION ZONE IN ACCORDANCE WITH TPZ MINIMUM DISTANCE REQUIREMENTS. GROUPS OF TREES AND OTHER EXISTING PLANTINGS TO BE PROTECTED, SHALL BE DONE IN A LIKE MANNER WITH FENCING AROUND THE ENTIRE CLUMP(S).
2. AREAS WITHIN THE PROTECTIVE FENCING SHALL REMAIN UNDISTURBED AND SHALL NOT BE USED FOR THE STORAGE OF BUILDING MATERIALS OR EQUIPMENT.
3. THIS WORK SHALL BE COMPLETED, TO THE SATISFACTION OF THE COMMISSIONER OF DEVELOPMENT SERVICES, PRIOR TO THE ISSUANCE OF BUILDING PERMITS FOR THE SITE DEVELOPMENT. THE DEVELOPER OR HIS/HER AGENT SHALL TAKE EVERY PRECAUTION NECESSARY TO PREVENT DAMAGE TO TREES OR SHRUBS TO BE RETAINED.
4. NO RIGGING CABLES SHALL BE WRAPPED AROUND OR INSTALLED IN TREES; AND SURPLUS SOIL, EQUIPMENT, DEBRIS OR MATERIALS SHALL NOT BE PLACED OVER ROOT SYSTEMS OF THE TREES WITHIN THE PROTECTIVE FENCING. NO CONTAMINANTS WILL BE DUMPED OR FLUSHED WHERE FEEDER ROOTS OF TREES EXIST.
5. WHERE LIMBS OR PORTIONS OF TREES ARE REMOVED TO ACCOMMODATE CONSTRUCTION WORK, THEY WILL BE CAREFULLY REMOVED BY AN ISA CERTIFIED ARBORIST.
6. WHERE ROOT SYSTEMS OF PROTECTED TREES ARE EXPOSED DIRECTLY ADJACENT TO OR DAMAGED BY CONSTRUCTION WORK, THEY SHALL BE TRIMMED NEARLY BY A QUALIFIED ARBORIST AND THE AREA BACK FILLED WITH APPROPRIATE MATERIAL TO PREVENT DESICCATION.
7. IF GRADES AROUND TREES TO BE PRESERVED ARE LIKELY TO CHANGE, THE DEVELOPER SHALL BE REQUIRED TO TAKE SUCH PRECAUTION AS DRY WELLING AND ROOT FEEDING TO THE SATISFACTION OF THE COMMISSIONER OF DEVELOPMENT SERVICES.
8. TREES TO BE PRESERVED THAT HAVE DIED OR HAVE BEEN DAMAGED BEYOND REPAIR, SHALL BE SUBJECT TO SUITABLE COMPENSATION AS DETERMINED BY THE TOWN OF MARKHAM AND REVIEW OF THE TREE INVENTORY AND ANALYSIS.
9. AN ISA CERTIFIED ARBORIST SHALL BE ON SITE FOR ANY WORK WHICH IMPACTS ANY TREE OR TREE PROTECTION ZONE.

LEGEND:

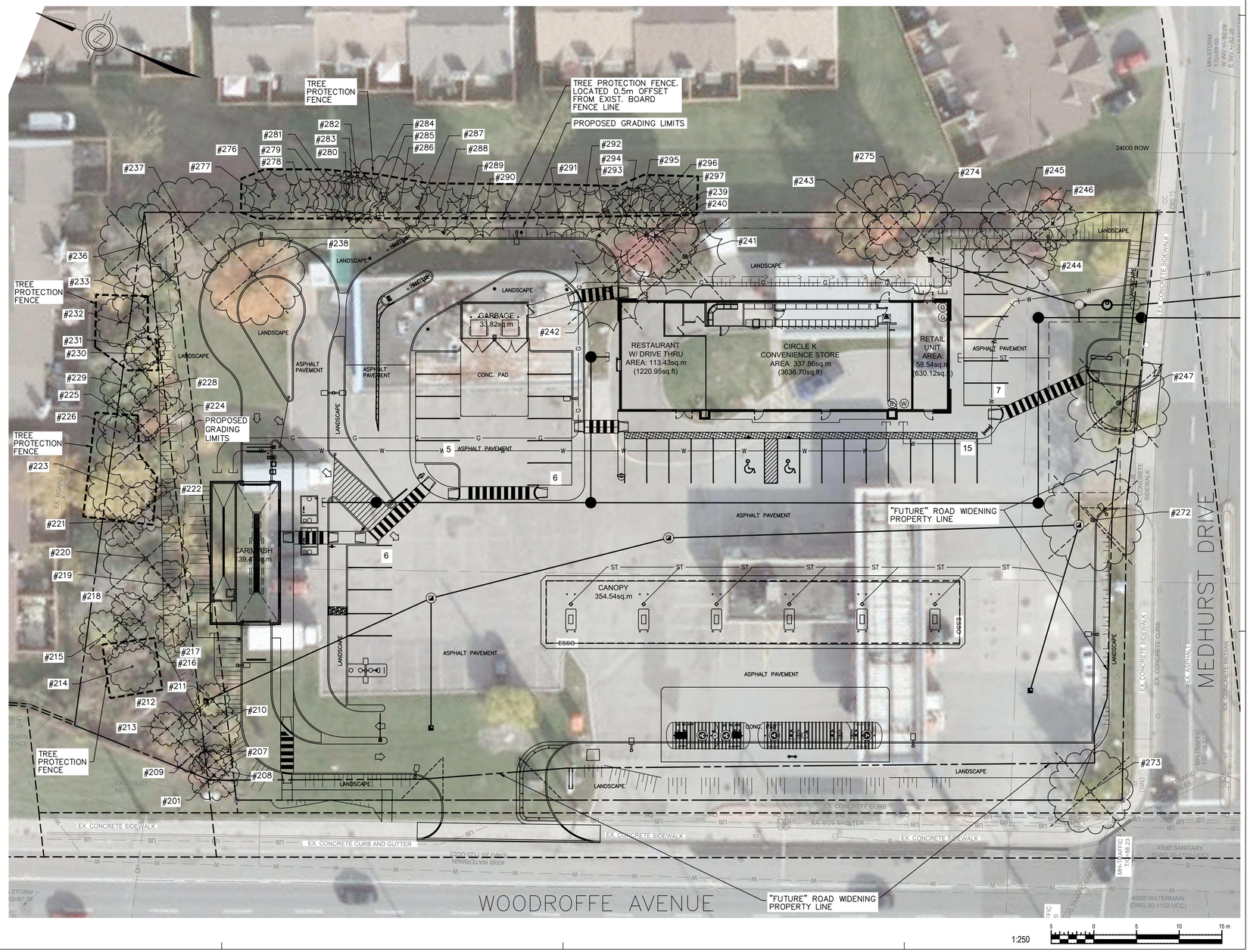
- DENOTES SURVEYED LOCATION OF EXISTING TREES, & # SPECIES / CALIPER /CONDITIONS /REMARKS ARE AS NOTED IN ARBORIST REPORT & TREE INVENTORY LIST
- TREE PRESERVATION FENCE, PER OTTAWA TREE PROTECTION SPECIFICATION DETAIL
- DENOTES EXISTING TREES TO BE REMOVED FOR DEVELOPMENT, AS NOTED, SEE ARBORIST REPORT

IT IS THE CONTRACTOR'S RESPONSIBILITY TO:

1. DETERMINE LOCATION OF ALL EXISTING SERVICES AND OBTAIN NECESSARY STAKE-OUTS BEFORE ANY EXCAVATION.
2. USE FIGURED DIMENSIONS, OPPOSED TO SCALING, AND VERIFY DIMENSIONS AT THE SITE.
3. REPORT ALL DISCREPANCIES TO THE LANDSCAPE ARCHITECT, AND AGREE IN WRITING, BEFORE PROCEEDING.
4. CONTRACTOR'S SHALL DO THEIR OWN SITE INSPECTIONS FOR ESTIMATED PURPOSES.



KEY PLAN Scale= n.t.s.



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04/27/21	ISSUED FOR SPA
12/03/21	RE-ISSUED FOR SPA
03/25/22	RE-ISSUED FOR SPA

PROFESSIONAL SEAL

PROFESSIONAL IN CHARGE
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PROJECT MANAGER
S. LAWRENCE
QUALITY CONTROL
S. BUTNARI
DRAWN BY
F. RIVARD

PROJECT NAME

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ONTARIO

1545 WOODROFFE AVENUE
NEPEAN, ON, CANADA
K2G 1W2

CIRCLE K STORES INC.

PROJECT NUMBER
BE20207036

SHEET TITLE

PROPOSED DEVELOPMENT CONSERVED VEGETATION PLAN

SHEET NUMBER

L1.1

D07-12-21-0056

DWG # 17094