



2 TREE PROTECTION FENCE

NTS

TREE PRESERVATION NOTES

- NO VEGETATION SHALL BE REMOVED WITHOUT MUNICIPAL WRITTEN APPROVAL.
- LOCATION OF EXISTING TREES IS FOR REFERENCE ONLY AND SHALL BE CONFIRMED BY AN ARBORIST AND SURVEYOR.
- NO VEGETATION REMOVAL SHALL OCCUR BETWEEN APRIL 8 AND AUGUST 28 OF ANY YEAR TO PROTECT BREEDING MIGRATORY BIRDS, AS WELL AS AT RISK BAT SPECIES. SHALL TREE REMOVAL DURING THIS PERIOD BY UNAVOIDABLE, THE CONTRACTOR IS REQUIRED TO CONDUCT A NESTING SURVEY BY A REGISTERED PROFESSIONAL AVIAN BIOLOGIST TO IDENTIFY AND ENSURE NO NESTING ACTIVITIES ARE PRESENT. TREE REMOVAL WILL BE ALLOWED WITHIN FIVE (5) DAYS OF CONDUCTING THE SURVEY.
- CONTRACTOR SHALL ENSURE THE PROTECTION OF MATURE TREES IDENTIFIED TO BE RETAINED. TREE PROTECTION FENCING SHALL BE INSTALLED AT THE CRITICAL ROOT ZONE (CRZ) OF TREES WHERE THE CRZ IS ESTABLISHED AS BEING 10 CENTIMETRES FROM THE TRUNK OF A TREE FOR EVERY CENTIMETRE OF TRUNK DIAMETER AT BREST HEIGHT (DBH). THE CRZ IS CALCULATED AS DBH X 10 CM. TREE PROTECTION FENCING SHALL BE INSTALLED AS SPECIFIED.
- DURING EXCAVATION EQUIPMENT MUST BE MAINTAINED WITHIN THE CONFINES OF THE WORK AREA SO AS NOT TO DISRUPT ANY TURF OR TREE ROOTS UNNECESSARILY. DO NOT PLACE ANY MATERIAL OR EQUIPMENT WITHIN THE CRITICAL ROOT ZONE (CRZ) OF ANY TREE TO BE RETAINED.
- CONTRACTOR SHALL ENSURE THAT NO FILL WILL BE ALLOWED TO OCCUR ON THE SURFACE ABOVE THE CRITICAL ROOT ZONE (CRZ) OF TREES.
- ALL EXCAVATED MATERIAL, INCLUDING IMPORTED MATERIAL, MUST BE REMOVED IMMEDIATELY AND NOT PLACED ON GRASS OR NEAR TREES IN ORDER TO PREVENT ROOT DAMAGE, ACCIDENTAL HITTING OF ADJACENT TREES, AND TURF DAMAGE OUTSIDE OF WORK AREA.
- CONTRACTOR SHALL MINIMIZE SOIL COMPACTION BY KEEPING OPERATION OF MACHINERY AND EQUIPMENT CONFINED TO DESIGNATED WORK AREA.
- CONTRACTOR SHALL KEEP A SPILL KIT ON SITE.
- CONTRACTOR SHALL DEVELOP AN EMERGENCY RESPONSE PLAN.
- CONTRACTOR SHALL AVOID SOIL CONTAMINATION AND FUTURE LIABILITY BY CONFINING THE OILING AND REFUELING OF MACHINERY AND EQUIPMENT TO DESIGNATED STAGING AREA.
- NO FUEL IS TO BE STORED WITHIN THE CRITICAL ROOT ZONE (CRZ) OF ANY TREE AND EXHAUST FUMES FROM ALL EQUIPMENT MUST NOT BE DIRECTED TOWARDS ANY TREE'S CANOPY.
- CONTRACTOR SHALL PREVENT ANY DAMAGE TO THE ROOT SYSTEM, TRUNK OR BRANCHES OF ANY TREES TO BE RETAINED ON SITE AND ON ADJACENT PROPERTIES.
- STORAGE OF EQUIPMENT AND VEHICLES WITHIN THE CRITICAL ROOT ZONE (CRZ) OF EXISTING TREES IS STRICTLY PROHIBITED.
- WHERE LIMBS OR PORTIONS OF TREES ARE REMOVED TO ACCOMMODATE CONSTRUCTION WORK, THEY WILL BE REMOVED CAREFULLY IN ACCORDANCE WITH ACCEPTED ARBORICULTURAL PRACTICES.
- WHERE NECESSARY, THE TREES WILL BE GIVEN AN OVERALL PRUNING TO RESTORE THEIR APPEARANCE. NOT MORE THAN ONE THIRD OF THE TOTAL BRANCHING SHALL BE REMOVED DURING A SINGLE OPERATION. THE SERVICES OF A CERTIFIED ARBORIST SHALL BE RETAINED FOR THIS TASK.

WORK WITHIN PROTECTED AREAS

- EXCAVATION WORK:
 - TO ENSURE THE ROOTS ARE NOT DISTURBED MORE THAN NECESSARY AND WHERE EXCAVATION WORKS ARE UNAVOIDABLE WITHIN THE CRZ OF TREES, THE FOLLOWING MITIGATION MEASURES SHALL BE USED:
 - ALL EXCAVATION WITHIN THE CRZ OF TREES SHALL BE BY HAND OR HYDRO EXCAVATION USING THE SMALLEST TOOLS. ROOT CUTTING SHALL BE MADE USING A SHARP SPADE OR KNIFE AT THE LIMIT OF DISTURBANCE PRIOR TO ANY CONSTRUCTION ACTIVITIES.
 - THE CONTRACTOR SHALL ONLY TUNNEL OR BORE WITHIN THE CRZ, INSTEAD OF CREATING A TRENCH.
 - ANY ROOTS THAT ARE EXPOSED BY CONSTRUCTION ACTIVITIES MUST BE COVERED WITH NATIVE TOPSOIL IMMEDIATELY, TO ENSURE THAT THE ROOTS DO NOT DRY OUT OR HAVE ANY FURTHER DAMAGE OCCUR TO THEM.
 - IN ALL THOSE INSTANCES WHERE ROOT PRUNING IS REQUIRED, THE SERVICE OF A CERTIFIED ARBORIST OR QUALIFIED TREE WORKER UNDER THE SUPERVISION OF A CERTIFIED ARBORIST SHALL BE RETAINED. IN ADDITION, ALL REMEDIAL WORKS MUST BE CONDUCTED BY A CERTIFIED CARE PROFESSIONAL TO ENSURE PROPER CARE IS ADMINISTERED IN ORDER TO ENABLE THE CONTINUED HEALTH OF THE TREES.
- GRADING WORK
 - WHERE RE-GRADING IS REQUIRED WITHIN THE CRZ, IT SHOULD BE PERFORMED BY HAND UNDER THE SUPERVISION OF A CERTIFIED ARBORIST.

EXISTING VEGETATION SCHEDULE

TREE ASSESSMENT CONDUCTED: May 17, 2021

PLANT ID	BOTANICAL NAME	COMMON NAME	DBH (cm)	OWNERSHIP	HEALTH/ CONDITION	REMARKS
1	Acer negundo	Manitoba Maple	10,10,14, 20	Boundary	Good	Multi-trunk (4). Tree is growing through the fence. TREE TO BE REMOVED DUE TO CONSTRUCTION OF UNDERGROUND GARAGE.
2	Acer negundo	Manitoba Maple	8,11	Boundary	Good	Multi-trunk (2). Tree is growing through the fence. TREE TO BE REMOVED DUE TO CONSTRUCTION OF UNDERGROUND GARAGE.
3	Acer negundo	Manitoba Maple	8,11	Boundary	Good	Multi-trunk (4). Tree is growing through the fence. TREE TO BE REMOVED DUE TO CONSTRUCTION OF UNDERGROUND GARAGE.
4	Unidentified	N/A		Adjacent	Dead	TO BE REMOVED.
5	Acer negundo	Manitoba Maple	38, 40, 28, 28, 12	Adjacent	Good	Multi-trunk (4). TREE TO BE REMOVED DUE TO CONSTRUCTION OF UNDERGROUND GARAGE.
6	Populus tremulaoides	Trembling Aspen	16	Adjacent	Good	TREE TO BE PROTECTED.
7	Populus tremulaoides	Trembling Aspen	30	Adjacent	Good	TREE TO BE PROTECTED.
8	Populus tremulaoides	Trembling Aspen	28	Adjacent	Good	TREE TO BE PROTECTED.
9	Populus tremulaoides	Trembling Aspen	18	Adjacent	Good	Tree location for reference only. TREE TO BE PROTECTED.
10	Populus tremulaoides	Trembling Aspen	40	Adjacent	Good/Fair	Tree location for reference only. TREE TO BE PROTECTED.

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- ### Legend
- 000 TREE IDENTIFICATION NUMBER
 - EXISTING DECIDUOUS TREE
 - CRITICAL ROOT ZONE
 - TREE PROTECTION FENCE. REFER TO DETAIL 2/L100.
 - - - PROPERTY LINE

Notes

- SITE PLAN PREPARED BY FIGURR, DATED JUNE 17, 2021.
- TOPOGRAPHIC SURVEY PREPARED BY FARLEY, SMITH AND DENIS SURVEYING LTD, DATED JANUARY 12, 2021.

NO.	DESCRIPTION	DATE	BY	APP'D.
4	RE-ISSUED FOR CITY REVIEW	CA	KP	2022.11.28
3	ISSUED FOR CITY REVIEW	CA	KP	2022.08.03
2	ISSUED FOR COMMENTS	CTL	KP	2022.03.04
1	ISSUED FOR REVIEW	CTL	ILL	2021.06.18

Revision

File Name:	CTL	ILL	ILL	2021-05-13
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Permit-Seal



Client/Project
1238407 CANADA INC.
971 MONTREAL ROAD
OTTAWA, ON
Title
PROPOSED DEVELOPMENT AND TREE PRESERVATION PLAN

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