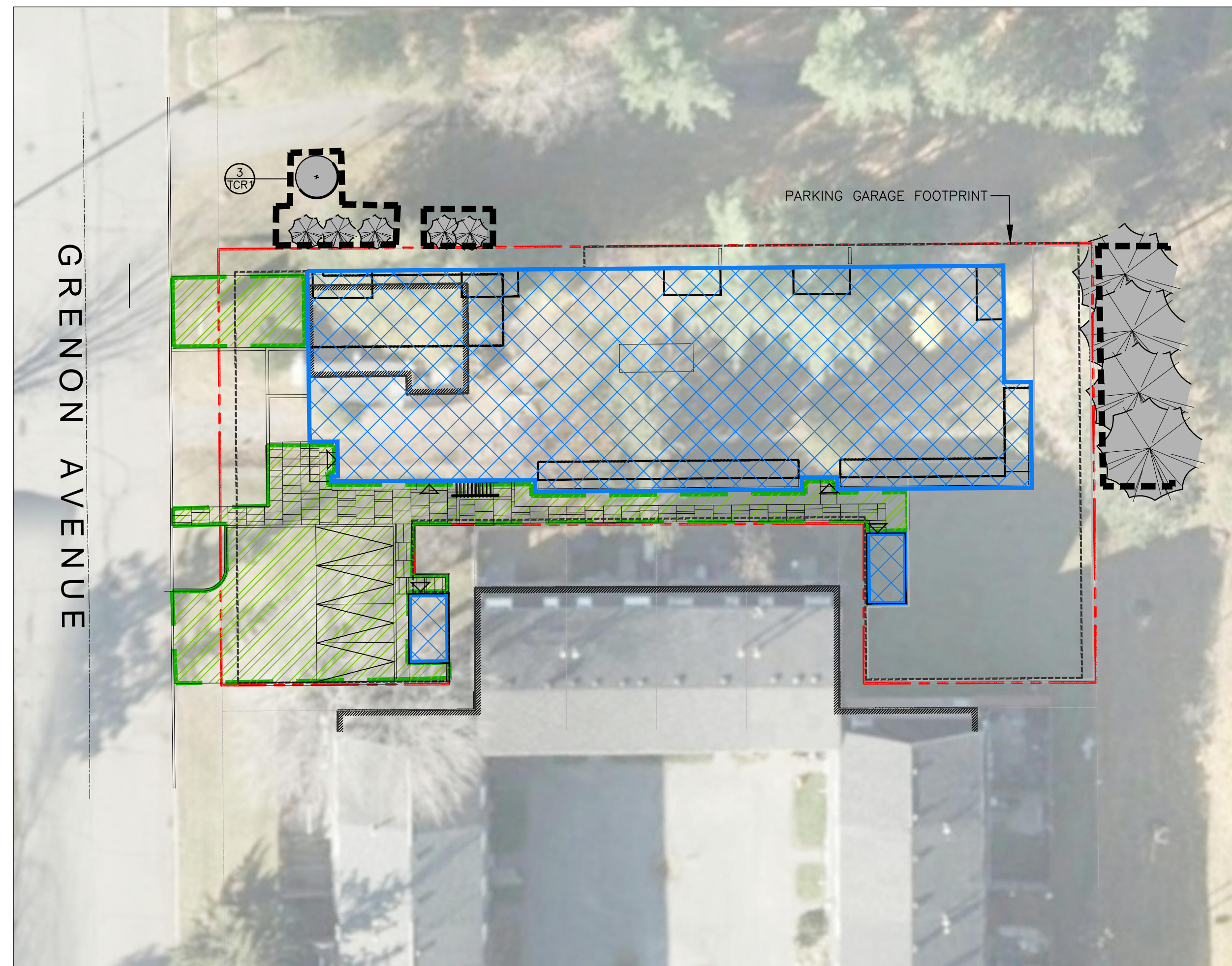


1 CURRENT VEGETATION

Scale: 1:250



2 PROPOSED DEVELOPMENT AND CONSERVED VEGETATION

Scale: 1:250

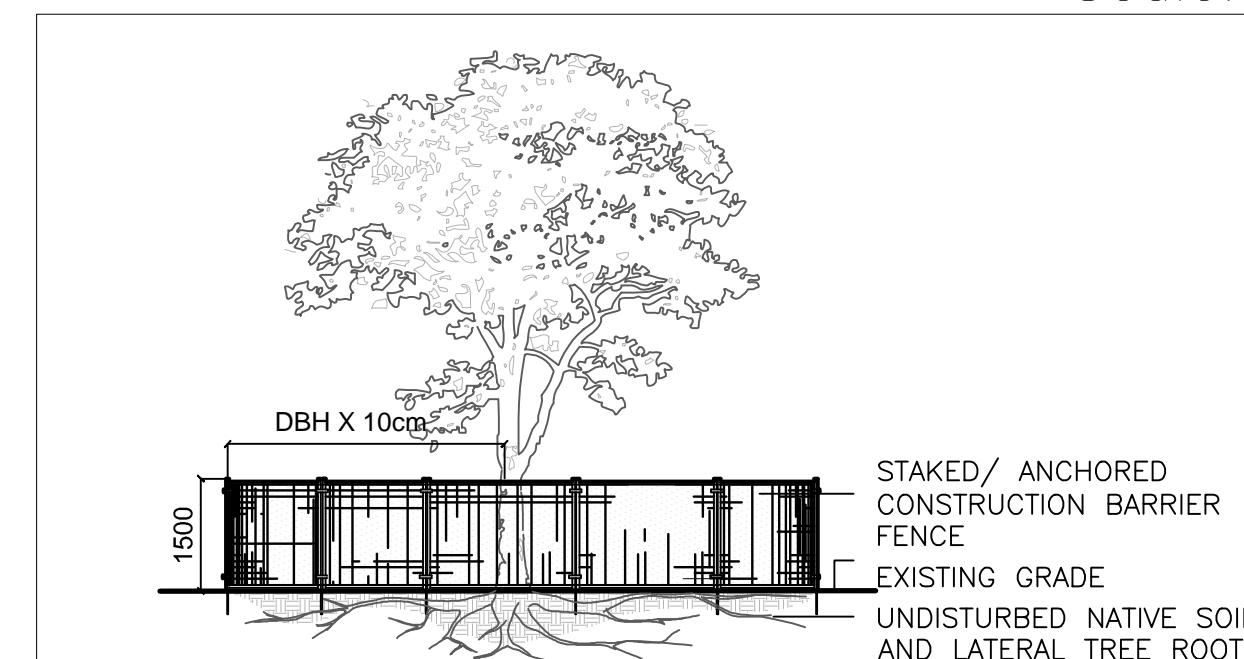
TREE LIST

Tree #	Botanical Name	Common Name	Caliper (cm)	Condition	High Quality Tree	Rare Tree	Comments	To Be Preserved
1	Acer saccharinum	Silver Maple	57	Good	NO	NO	Private property, Symmetrical canopy, Single stem, Co-dominant leaders: 2 @ 3m above grade, Included bark.	
2	Acer saccharinum	Silver Maple	53.24	Good	NO	NO	Private property, Asymmetrical canopy, Single stem, Co-dominant leaders: 2 @ 0.5m above grade, Poor branch angle, Bark rot @ crotches.	
3	Thuja occidentalis	Eastern White Cedar	12.10	Moderate	NO	NO	Private property, Asymmetrical canopy, Poor branch union, Multi-stem (2).	
4	Thuja occidentalis	Eastern White Cedar	15.17	Good	NO	NO	Private property, Symmetrical canopy, Multi-stem (2), Co-dominant leaders: 2 @ 2m above grade.	
5	Thuja occidentalis	Eastern White Cedar	12	Moderate	NO	NO	Private property, Asymmetrical canopy, Co-dominant leaders: 2 @ 1.5m above grade.	
6	Thuja occidentalis	Eastern White Cedar	15-18	Moderate	NO	NO	City property, Asymmetrical canopy, Multi-stem (6).	YES
7	Gleditsia triacanthos var. inermis	Thornless Honey Locust	15	Moderate	NO	NO	City property, Asymmetrical canopy, Single stem.	YES
8	Thuja occidentalis	Eastern White Cedar	16.21	Moderate	NO	NO	City property, Asymmetrical canopy, Single stem, Co-dominant leaders: 2 @ 1m above grade.	YES
9	Thuja occidentalis	Eastern White Cedar	<10.14	Moderate	NO	NO	City property, Asymmetrical canopy, Multi-stem (2), Poor branch union, Leaning.	YES
10	Populus spp.	Poplar	47	Moderate	NO	NO	City property, Symmetrical canopy, 5% die back @ limbs, Broken limbs.	
11	Thuja occidentalis	Eastern White Cedar	13	Moderate	NO	NO	City property, Asymmetrical canopy, Single stem.	YES
12	Thuja occidentalis	Eastern White Cedar	15	Moderate	NO	NO	City property, Asymmetrical canopy, Single stem.	YES
13	Thuja occidentalis	Eastern White Cedar	13-23	Moderate	NO	NO	City property, Symmetrical canopy.	
14	Thuja occidentalis	Eastern White Cedar	12-20	Moderate	NO	NO	City property, Broken limbs, Leaning.	
15	Thuja occidentalis	Eastern White Cedar	23	Moderate	NO	NO	City property, Asymmetrical canopy, Single stem.	
16	Thuja occidentalis	Eastern White Cedar	24	Moderate	NO	NO	City property, Asymmetrical canopy, Single stem, Dead/broken leader.	
17	Thuja occidentalis	Eastern White Cedar	18-26	Moderate	NO	NO	City property, Asymmetrical canopy, Multi-stem.	
18	Acer negundo	Manitoba Maple	<10.26	Poor	NO	NO	City property, Asymmetrical canopy, Multi-stem (6), Broken limbs, Poor branch union/angle, leaning.	
19	Pinus strobus	Eastern White Pine	40	Good	NO	NO	City property, Symmetrical canopy, Broken limbs.	
20	Pinus strobus	Eastern White Pine	17	Good	NO	NO	City property, Symmetrical canopy, Broken limbs.	
21	Pinus strobus	Eastern White Pine	20	Good	NO	NO	City property, Symmetrical canopy, Broken limbs.	
22	Pinus strobus	Eastern White Pine	41	Good	NO	NO	City property, Symmetrical canopy, Broken limbs.	
23	Pinus strobus	Eastern White Pine	24	Good	NO	NO	City property, Asymmetrical canopy.	
24	Pinus strobus	Eastern White Pine	25	Good	NO	NO	City property, Asymmetrical canopy.	
25	Populus spp.	Poplar	17	Moderate	NO	NO	Private property, Symmetrical canopy, Broken limbs, Single stem, Bark rot @ trunk, Included bark.	
26	Acer negundo	Manitoba Maple	<10.26	Poor	NO	NO	City property, Asymmetrical canopy, Multi-stem (6), Broken limbs, Poor branch union/angle.	
27	Thuja occidentalis	Eastern White Cedar	18	Moderate	NO	NO	Private property, Asymmetrical canopy, Single stem.	
28	Acer negundo	Manitoba Maple	<10.12	Poor	NO	NO	Private property, Asymmetrical canopy, Multi-stem (5), Poor branch union/angle.	

29	Acer negundo	Manitoba Maple	<10.13	Poor	NO	NO	Private property, Asymmetrical canopy, Multi-stem (4), Poor branch union/angle, Leaning, Heart rot @ limbs.	
30	Pinus nigra	Austrian Pine	35	Moderate	NO	NO	City property, Symmetrical canopy, Single stem, Die-back 15% @ limbs, Broken limbs.	YES
31	Pinus nigra	Austrian Pine	35	Moderate	NO	NO	City property, Symmetrical canopy, Single stem, Co-dominant leaders: 2 @ 6m above grade, Die-back 20% @ limbs, Broken limbs, Included bark.	YES
32	Pinus nigra	Austrian Pine	40	Moderate	NO	NO	City property, Symmetrical canopy, Single stem, Die-back 20% @ limbs, Broken limbs, Included bark.	YES
33	Pinus nigra	Austrian Pine	34	Moderate	NO	NO	City property, Asymmetrical canopy, Single stem, Included bark.	YES
34	Populus spp.	Poplar	16	Moderate	NO	NO	Private property, Symmetrical canopy, Single stem, Co-dominant leaders: 2 @ 1m above grade.	
35	Picea rubens	Red Spruce	35	Moderate	NO	NO	Private property, Symmetrical canopy, Single stem, Pruned limbs.	
36	Picea rubens	Red Spruce	32	Moderate	NO	NO	Private property, Symmetrical canopy, Single stem.	
37	Populus spp.	Poplar	19	Moderate	NO	NO	Private property, Asymmetrical canopy, Single stem, Broken limbs, Bark rot @ trunk.	
38	Malus spp.	Crabapple	<10.12	Moderate	NO	NO	Private property, Asymmetrical canopy, Multi-stem (3), Pruned limbs.	
39	Acer negundo	Manitoba Maple	10	Poor	NO	NO	Private property, Asymmetrical canopy, Multi-stem, Poor branch union/angle, Pruned, Suckering at base.	

NOTES

- THE EXISTING PROPERTY CONTAINS A TWO-STORY SINGLE FAMILY HOME WITH AN ACCESSORY SHED, APPROXIMATELY 84.5 m2 OF THE SITE IS CURRENTLY OCCUPIED BY THE EXISTING BUILDING FOOTPRINTS.
- APPROXIMATELY 695 m2 TO BE COVERED BY THE PROPOSED BUILDING FOOTPRINT.
- APPROXIMATELY 315 m2 TO BE HARD SURFACES.
- THE PROPOSED DEVELOPMENT REQUIRES THE REMOVAL OF TWENTY-NINE (29) TREES.
- A TOTAL OF 5 NEW TREES ARE PROPOSED TO BE PLANTED. REFER TO LANDSCAPE PLAN L1.0 FOR SPECIES.
- THE DEVELOPMENT SITE IS NOT CONSIDERED OF PRIMARY OR SUPPORTING SIGNIFICANCE AS NATURAL LANDS IN THE GREENSPACE MASTER PLAN, NOR IS IT IDENTIFIED NEAR GREENSPACE NETWORK LANDS.
- FIFTEEN (15) OF THIRTY-NINE (39) IDENTIFIED TREES ARE LOCATED WITHIN THE DEVELOPMENT PROPERTY BOUNDARY. FOUR (4) OF FIFTEEN (15) ARE OVER 30 cm IN DIAMETER. SEVEN (7) OF FIFTEEN (15) ARE LOW QUALITY SPECIES SUCH AS ACER NEGUNDO & POPULUS SPECIES. TREES NUMBERED 1, 2, 35, & 36 ARE MATURE TREES LOCATED WITHIN THE PROPERTY LINE.
- THE MAJORITY OF TREES IDENTIFIED IN THIS REPORT ARE LOCATED ON CITY OF OTTAWA PROPERTY, SPECIFICALLY WITHIN THE PARK ACCESS CORRIDOR TO JUDGE PARK. JUDGE PARK IS ROUGHLY 1.8 Ha IN SIZE, OF WHICH APPROXIMATELY 36% IS COVERED BY TREE CANOPY. THE REMOVAL OF TREES ALONG THE PROPERTY LINE OF 841 GRENON REPRESENTS A REMOVAL OF 1.5% OF TOTAL TREE CANOPY COVER WITHIN JUDGE PARK.
- TREE PLANTING RECOMMENDATIONS:
 - 1 : 1 TREE REMOVAL TO TREE REPLACEMENT RATIO FOR TREES REMOVED ON CITY PROPERTY (REFER TO LANDSCAPE PLAN FOR LAYOUT)
 - USE OF NATIVE, NON-INVASIVE TREE SPECIES (REFER TO LANDSCAPE PLAN FOR SPECIES)



NOTES:

THE FOLLOWING PROTECTION MEASURES MUST BE IMPLEMENTED FOR RETAINED TREES, BOTH ON SITE AND ADJACENT SITES, PRIOR TO ANY TREE REMOVAL OR SITE WORKS AND MAINTAINED FOR THE DURATION OF CONSTRUCTION ON SITE.

- UNDER THE GUIDANCE OF AN ARBORIST, ERECT A FENCE AT THE CRITICAL ROOT ZONE (CRZ) OF TREES WHERE THE CRZ IS ESTABLISHED AS BEING 10 CENTIMETERS FROM THE TRUNK FOR EVERY CENTIMETER OF TRUNK DIAMETER AT BREAST HEIGHT. THE CRZ IS CALCULATED AS DBH X 10cm.
- DO NOT PLACE ANY MATERIAL OR EQUIPMENT WITHIN THE CRZ OF THE TREE.
- DO NOT ATTACH ANY SIGNS NOTICES OR POSTERS TO ANY TREE.
- DO NOT RAISE OR LOWER THE GRADE WITHIN THE CRZ WITHOUT APPROVAL.
- TUNNEL OR BORE WHEN DIGGING WITHIN THE CRZ OF A TREE.
- DO NOT DAMAGE THE ROOT SYSTEM, TRUNK, OR BRANCHES OR ANY TREE.
- ENSURE THAT EXHAUST FUMES FROM ALL EQUIPMENT ARE NOT DIRECTED TOWARDS ANY TREE CANOPY.

3 TREE PROTECTION FENCING

Scale: 1:100



LEGEND

- PROPERTY LINE
- TREE IDENTIFICATION NUMBER
- CRITICAL ROOT ZONE
- TREE TO BE REMOVED
- TREE TO BE RETAINED
- PROPOSED BUILDING
- PROPOSED HARD SURFACES
- PROPOSED TREE PROTECTION
- UNDERGROUND PARKING FOOTPRINT (REFER TO ARCHITECTURAL)

No.	Revision	Date
1	ISSUED FOR SPA	25 JAN 2019

North:

Stamp:

CSW Landscape Architecture
Urban Design
Site Planning
Recreation and Park Planning
Project Management

1960 Scott Street, Suite 200, Ottawa, Ontario K1Z 8L8
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- All measurements in millimeters unless specified otherwise. Do not scale drawing. All drawings to be read in conjunction with written specifications.
- Copyright reserved. This drawing is the exclusive property of CSW Landscape Architects Ltd. and shall not be used without the consent thereof.
- This Drawing may not be used for construction until signed by the landscape architect. It is the responsibility of the contractor to:
 - check and verify all dimensions on site;
 - report all errors and/or omissions to the landscape architect;
 - comply with all pertinent codes and by-laws;
 - check and verify locations of all underground services with all local utilities prior to any digging.

Project: **841 GRENON LOW-RISE APARTMENTS**

841 GRENON AVENUE
OTTAWA, ONTARIO

Drawing: **TREE CONSERVATION REPORT**

Scale: 1:250	Date: 25 JAN 2019
Report By: PG	Drawn By: PG
Project Number: 2010-01	Sheet Number: TCR 1