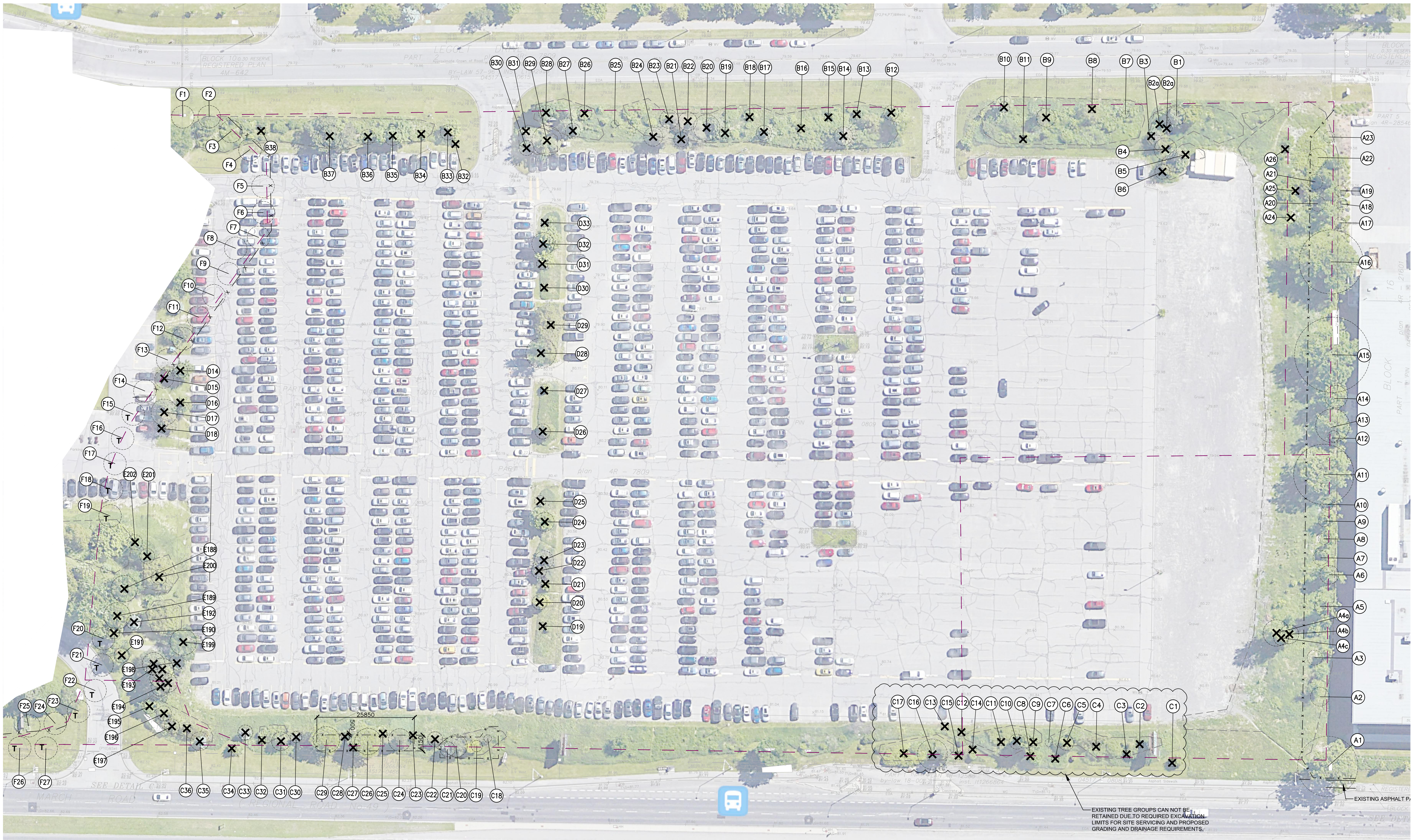
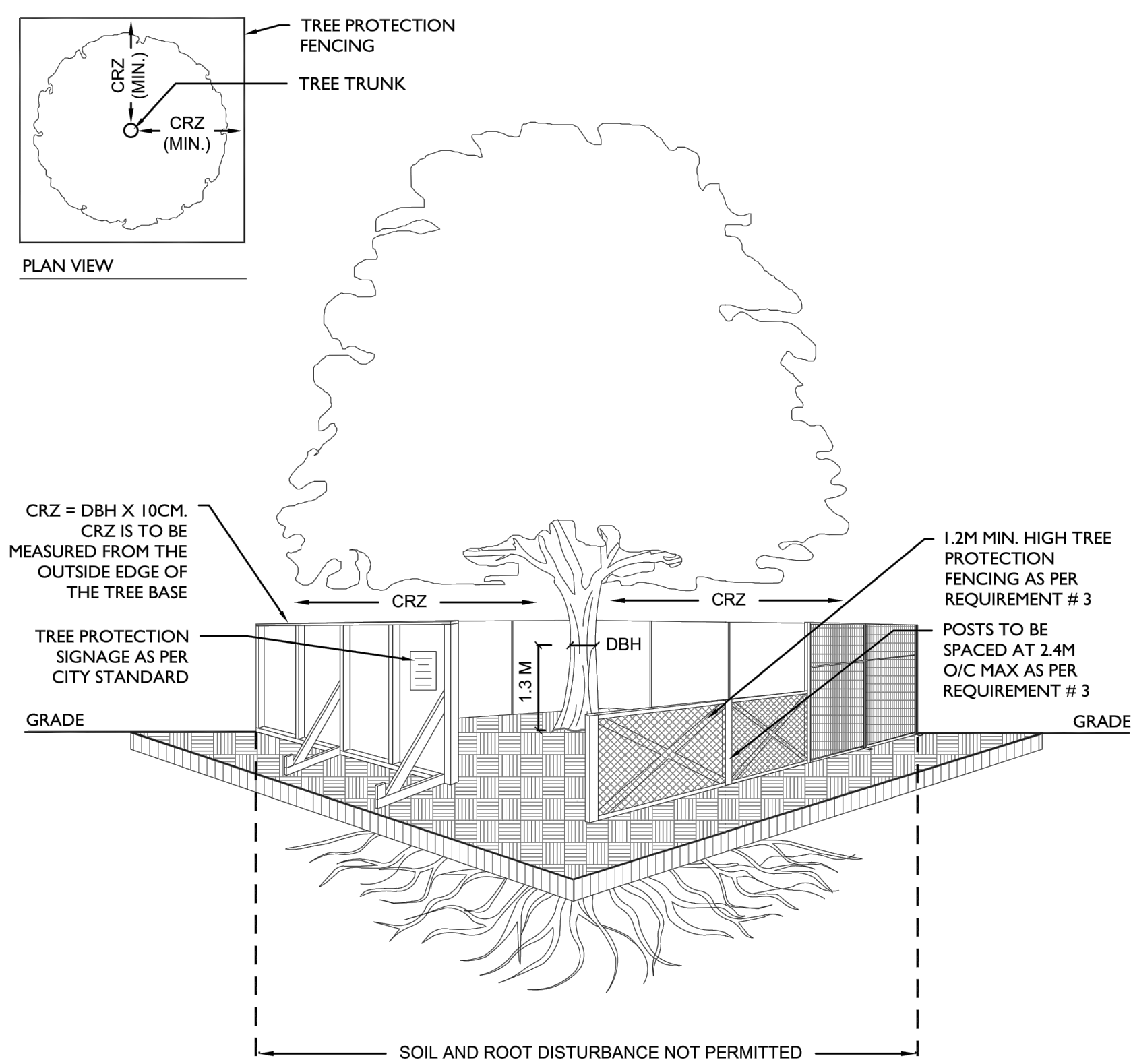




- LEGEND:
- CRITICAL ROOT ZONE (CRZ)
 - EXISTING DECIDUOUS TREE
 - EXISTING CONIFEROUS TREE
 - TREE TO BE REMOVED
 - RECENTLY PLANTED TREE TO BE TRANSPLANTED
 - EXISTING TREE GROUP
 - EXISTING TREE NUMBER
 - EXISTING TREE GROUP NUMBER
 - BUILDING/STRUCTURE
 - HARD/IMPERMEABLE SURFACE
 - PROPERTY LINE
 - TREE PROTECTION FENCING



- TREE PROTECTION REQUIREMENTS:
- PRIOR TO ANY WORK ACTIVITY WITHIN THE CRITICAL ROOT ZONE (CRZ = 10 X DIAMETER OF A TREE, TREE PROTECTION FENCING MUST BE INSTALLED SURROUNDING THE CRITICAL ROOT ZONE, AND REMAIN IN PLACE UNTIL THE WORK IS COMPLETE.
 - UNLESS PLANS ARE APPROVED BY CITY FORESTRY STAFF, FOR WORK WITHIN THE CRZ:
 - DO NOT PLACE ANY MATERIAL OR EQUIPMENT - INCLUDING OUTHOUSES.
 - 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 OF 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.
 - TREE PROTECTION FENCING MUST BE AT LEAST 1.2M IN HEIGHT, AND CONSTRUCTED OF RIGID OR FRAMED MATERIALS (E.G. MODULOC - STEEL, PLYWOOD HOARDING, OR SHOW 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, AND INSTALLATION MUST MINIMISE DAMAGE TO EXISTING ROOTS. (SEE DETAIL)
 - 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 INFORMATION REPORT, ETC). THE PLAN AND CONSTRUCTED FENCING MUST BE APPROVED BY CITY FORESTRY STAFF PRIOR TO THE COMMENCEMENT OF WORK.
 - 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 THE PLACEMENT OF PLYWOOD, WOOD CHIPS, OR STEEL PLATING OVER THE ROOTS FOR PROTECTION OR THE PROPER PRUNING AND CARE OF ROOTS WHERE ENCOUNTERED.
- THE CITY'S TREE PROTECTION BY-LAW, 2020-340 PROTECTS BOTH CITY-OWNED TREES, CITY-WIDE, AND PRIVATELY-OWNED TREES WITHIN THE URBAN AREA. PLEASE REFER TO WWW.OTTAWA.CA/TREEBYLAW FOR MORE INFORMATION ON HOW THE TREE BY-LAW APPLIES.

NOTES:

- NOT ALL TREE LOCATIONS WERE SHOWN ON THE TOPOGRAPHICAL SURVEY. THEREFORE THE LOCATIONS OF SOME VEGETATION ARE APPROXIMATE AND BASED ON AERIAL PHOTOS AND SITE OBSERVATION.
- VEGETATION NUMBERING MAY REFER TO INDIVIDUAL TREES, LARGE GROUPS OF SHRUBS, OR GROUPS OF TREES GROWING IN A DENSE STAND.
- AERIAL PHOTO SOURCE: GOOGLE-EARTH 2018
- REFER TO LANDSCAPE DRAWINGS FOR PROPOSED TREE PLANTING LOCATIONS AND SPECIES.

EXISTING CONDITION:

THE SUBJECT SITE COMPRISES A 49 HA OF LAND BOUNDED BY MARCH ROAD, TERRY FOX DRIVE AND LEGGETT DRIVE. THE SOUTH BOUNDARY OF THE SUBJECT SITE IS IRREGULAR AND APPROXIMATELY 50 M SOUTH OF THE OFFICE BUILDING. THE SUBJECT SITE IS CURRENTLY OCCUPIED BY A LARGE SURFACE PARKING THAT WAS BEING USED BY THE OFFICE BUILDING TO THE NORTH.

THE EXISTING SITE CONSISTS PRIMARILY OF HARD SURFACING (ASPHALT PARKING LOT) WITH PERIMETER TREE AND SHRUB PLANTING AND A LINE OF TREE PLANTING DIVIDING THE EXPANSE OF ASPHALT.

THE EXISTING TREE COVER CONSISTS OF A MIX OF CONIFEROUS AND DECIDUOUS TREES PLANTED APPROXIMATELY 25 YEARS AGO WHEN THE EXISTING PARKING LOT WAS EXPANDED. THERE WAS A HIGH PERCENTAGE OF WHITE ASH INCLUDED IN THE PLANTING WHICH HAVE SINCE DIED OR ARE IN POOR CONDITION, LIKELY DUE TO EMERALD ASH BORER BEETLE. AREAS OF SHRUB PLANTING EXIST AROUND THE PERIMETER OF THE PARKING WHICH INCLUDED A MIX OF NATIVE SHRUBS SUCH AS HONEYSUCKLE AND SUMAC; HOWEVER, MANY PLANTING BEDS HAVE BECOME OVERGROWN WITH IVY AND INVASIVE SPECIES SUCH AS MANITоба MAPLE AND BUCKTHORN HAVE ENCRUSTED.

THE LINE OF TREES TO THE SOUTH OF THE SITE INCLUDES A NUMBER OF MATURE BURR OAK TREES AND WHITE SPRUCE IN GOOD CONDITION AND IS A PRIORITY AREA TO BE CONSERVED.

THE SITE IS NOT DESIGNATED AS PRIMARY, SUPPORTING OR CONTRIBUTING LANDS ON THE CITY OF OTTAWA'S GREENSPACE MASTER PLAN.

THE SITE SITS WITHIN A DESIGN PRIORITY AREA FOR KANATA NORTH ECONOMIC DISTRICT. THE LEGAL DESCRIPTION OF THE SUBJECT SITE IS: PARTS 5, 7 AND 8 ON 4R-35453

EXISTING TREE GROUPS CAN NOT BE RETAINED DUE TO REQUIRED EXCAVATION LIMITS FOR SITE SERVICING AND PROPOSED GRADING AND DRAINAGE REQUIREMENTS.

NOKIA Ottawa Campus

570 March Rd, Kanata Ottawa ON K2K 2T6

BLOCK 6 AND
PART OF BLOCK 1
REGISTERED PLAN 4M-642
AND
PART OF LOTS 8 AND 9
CONCESSION 4

Gensler

150 King Street W, Suite 1400, Toronto, ON, M5H 1K9, Canada Tel: 416.601.3880

Surgeon: Anna O'Sullivan - Volebek Ltd.
Planning Consultant: G. Winters@novatech-eng.com
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Architectural Site Planning: B. Havelle@novatech-eng.com
Electrical Engineering: A. Havelle@novatech-eng.com
Mechanical Engineering: A. Havelle@novatech-eng.com
Geotechnical Engineering: A. Havelle@novatech-eng.com
Landscape Planning: A. Havelle@novatech-eng.com
Structural Engineering: A. Havelle@novatech-eng.com
New Report: A. Havelle@novatech-eng.com
Consultant: A. Havelle@novatech-eng.com
Transportation Planners: A. Havelle@novatech-eng.com
Survey: A. Havelle@novatech-eng.com

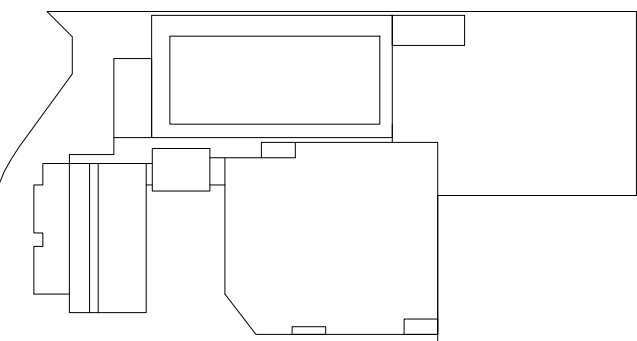
Date	Description
11-12-23	ISSUED FOR REVIEW / CO-ORDINATION
05-09-24	ISSUED FOR SPA
01-11-24	RE-ISSUED FOR SPA
31-01-25	RE-ISSUED FOR SPA
05-08-25	RE-ISSUED FOR SPA

NOT FOR CONSTRUCTION

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

319 McRae Avenue, Suite 502, Ottawa, Ontario, K1Z 0B9
Tel: (613) 729-4536

Key Plan



Seal / Signature



Project Name
Nokia Ottawa Campus

Project Number
027.7946.000 (CSW PROJ. NO. 2113-02)

Description
TREE CONSERVATION REPORT
EXISTING CONDITION
SHEET 1 OF 3

Scale 1 : 400

TCR 1.0

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City Project no: PC2023-0229

BLOCK 6 AND
PART OF BLOCK 1
REGISTERED PLAN 4M-642
AND
PART OF LOTS 8 AND 9
CONCESSION 4

150 King Street W, Suite 1400, Tel 416.601.3890
Toronto, ON, M5H 1J9, Canada

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Structural Engineering
AAR Jcmarras@aarr.ca

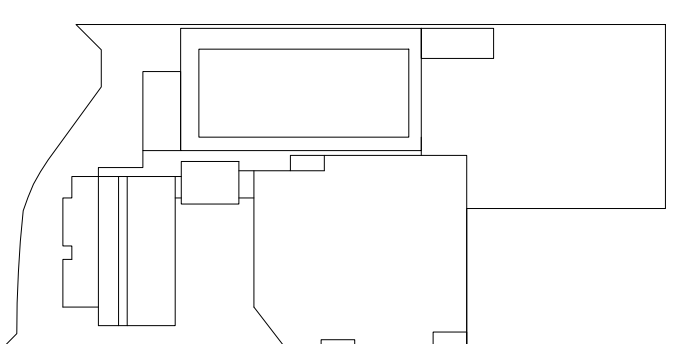
Noise Report
Crundall Wind Joshua.toster@gradienwind.com

Transportation Planners
Stantec Angelo.reno@stantec.com

△ Date	Description
11-12-23	ISSUED FOR REVIEW / CO-ORDINATION
05-09-24	ISSUED FOR SPA
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319 McRae Avenue, Suite 502, Ottawa, Ontario, K1Z 0B9
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Key Plan



Seal / Signature



Project Name Nokia Ottawa Campus

Project Number

027.7946.000 (CSW PROJ. NO. 2113-02)

Description

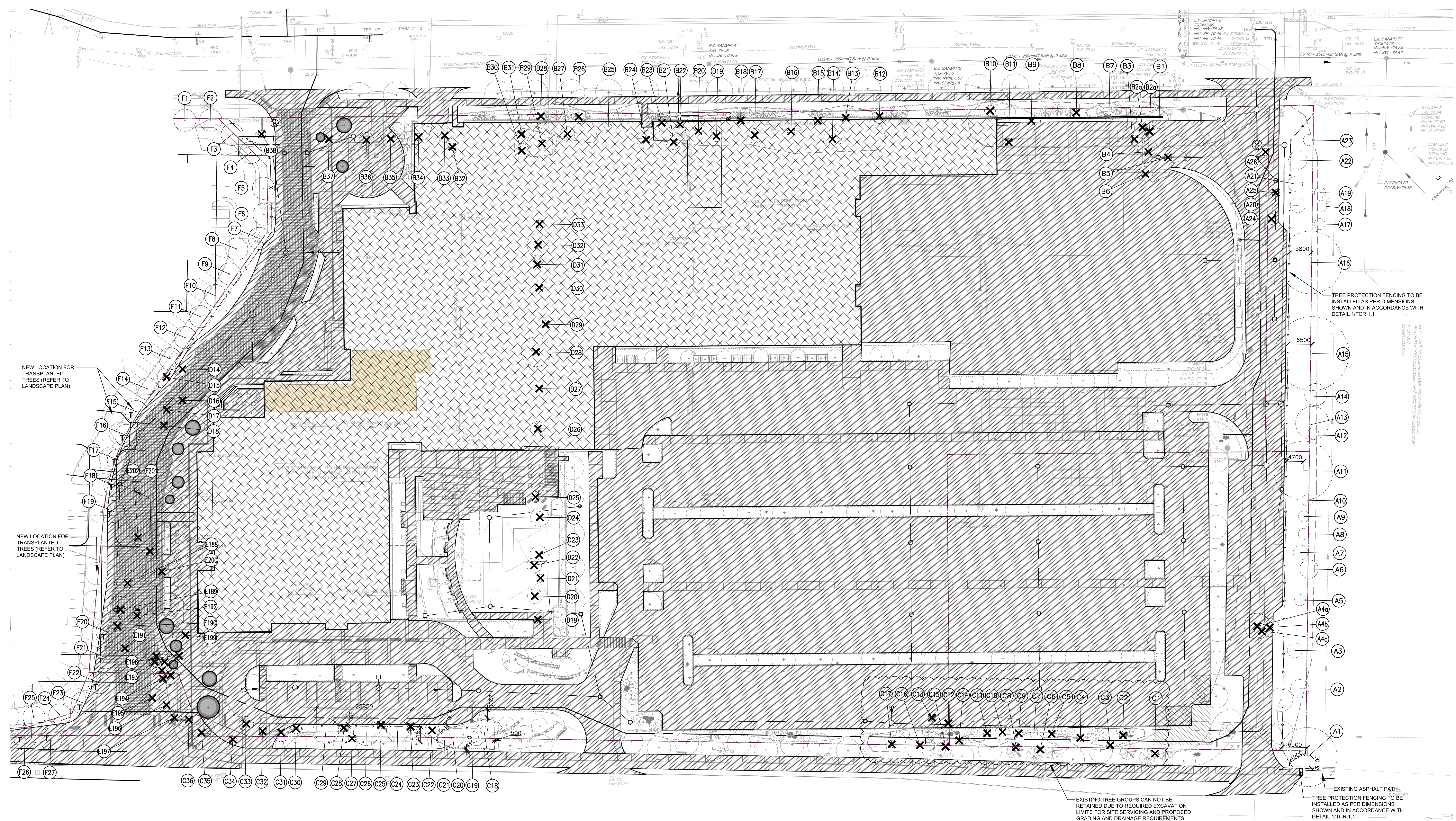
TREE CONSERVATION REPORT
PROPOSED DEVELOPMENT
SHEET 2 OF 3

Scale 1 : 400

TCR 1.1

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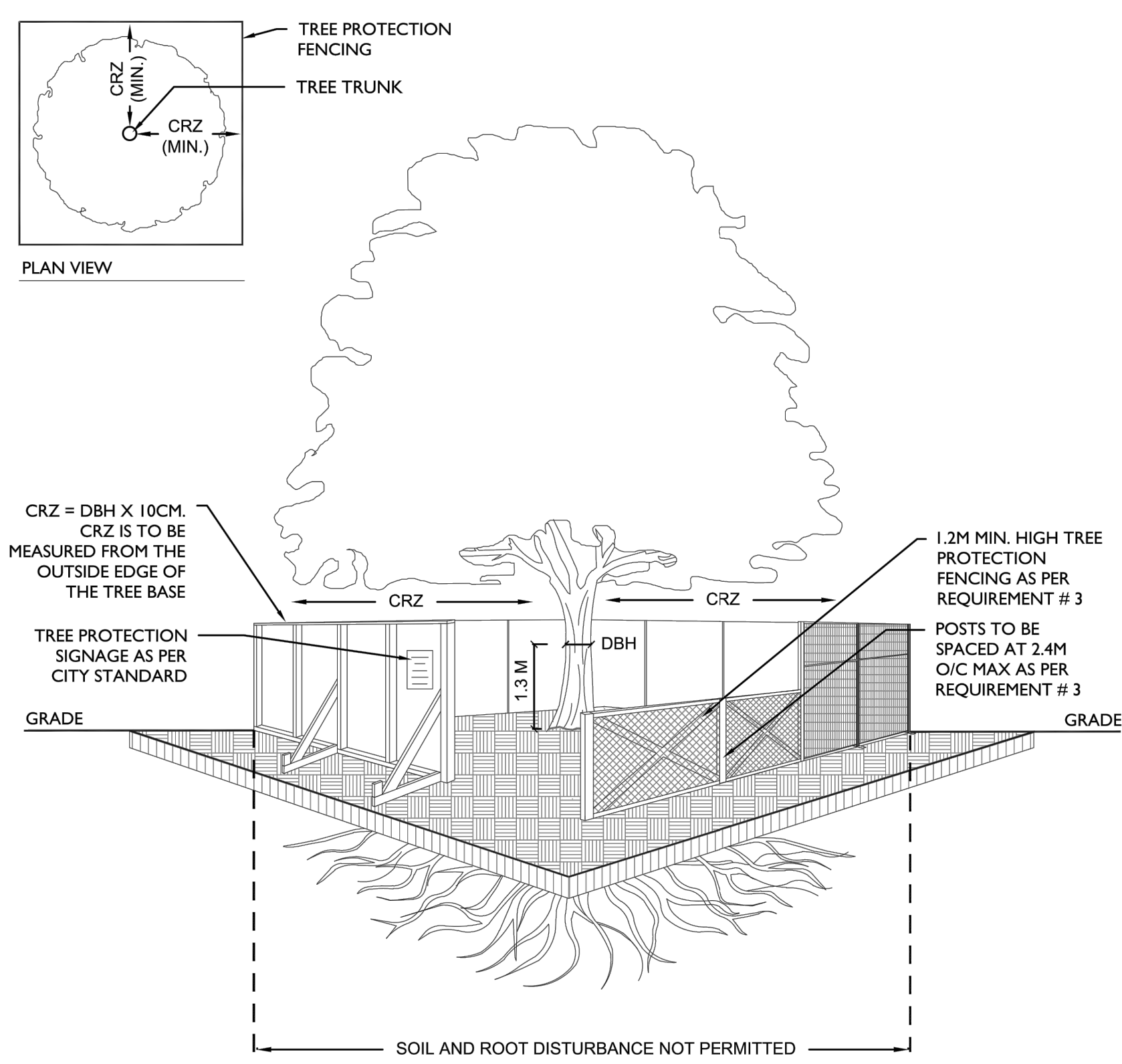
City Project no: PC2023-0229



EXISTING TREE GROUPS CAN NOT BE RETAINED DUE TO REQUIRED EXCAVATION LIMITS FOR SITE SERVICING AND PROPOSED GRADING AND DRAINAGE REQUIREMENTS.

— TREE PROTECTION FENCING TO BE
INSTALLED AS PER DIMENSIONS
SHOWN AND IN ACCORDANCE WITH
DETAIL 1/TCR 1.1 —

- LEGEND:
-  CRITICAL ROOT ZONE (CRZ)
 -  EXISTING DECIDUOUS TREE
 -  EXISTING CONIFEROUS TREE
 -  TREE TO BE REMOVED
 -  RECENTLY PLANTED TREE TO BE TRANSPLANTED
 -  EXISTING TREE GROUP
 -  EXISTING TREE NUMBER
 -  EXISTING TREE GROUP NUMBER
 -  BUILDING/STRUCTURE
 -  HARD/IMPERMEABLE SURFACE
 -  PROPERTY LINE
 -  TREE PROTECTION FENCING



1 TREE PROTECTION FENCING

Scale: 1:30

- TREE PROTECTION REQUIREMENTS:**

1. PRIOR TO ANY WORK ACTIVATION WITHIN THE CRITICAL ROOT ZONE (CRZ - 10 X DIAMETER) OF A TREE, TREE PROTECTION FENCING MUST BE INSTALLED TO PROTECT THE CRITICAL ROOT ZONE FROM ANY WORK RESIDING IN THE CRZ.
2. THE FENCING MUST BE APPROVED BY THE FORESTRY STAFF, FOR WORK WITHIN THE CRZ:
 - DO NOT PLACE ANY MATERIAL OR EQUIPMENT - INCLUDING CONSTRUCTION MATERIALS - WITHIN THE CRZ.
 - DO NOT ATTACH ANY SIGNS, NOTICES OR POSTERS TO ANY TREE;
 - DO NOT RAISE OR LOWER THE EXISTING GRAD;
 - DO NOT CUT OR BURN WHEN NEAR OR WITHIN THE CRZ;
 - 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 EXCEED HARD SURFACE OR SIGNIFICANTLY CHANGE LANDSCAPE.
3. TREE PROTECTION FENCING MUST BE AT LEAST 1.2M IN HEIGHT, AND MUST BE CONSTRUCTED TO PROTECT THE CRITICAL ROOT ZONE OF STEEL, PLYWOOD HOARDING, OR SNOW FENCE ON A 2"x4" WOOD FRAME WITH STUDS 2.5M APART, SUCH THAT THE FENCE LOCATION CANNOT BE CHANGED. THE FENCING MUST BE CONSTRUCTED TO PROTECT THE CRZ, AND INSTALLATION MUST MINIMISE DAMAGE TO EXISTING ROOTS. (SEE ATTACHED PHOTO)
4. THE LOCATION OF THE TREE PROTECTION FENCING MUST BE DETERMINED BY AN ARBORIST AND DETAILED ON ANY ASSOCIATED PLANS FOR THE SITE. THE TREE PROTECTION FENCING MUST BE CONSTRUCTED TO PROTECT THE PLAN AND CONSTRUCTED FENCING MUST BE APPROVED BY CITY FORESTRY STAFF PRIOR TO THE COMMENCEMENT OF WORK.
5. THE TREE PROTECTION FENCING MUST BE MAINTAINED TO FACILITATE CONSTRUCTION, MITIGATION MEASURES MUST BE PRESCRIBED BY AN ARBORIST AND DETAILED ON ANY ASSOCIATED PLANS FOR THE SITE. THE FENCING MUST BE MAINTAINED TO PROTECT THE CRZ, AND THE PLACEMENT OF WOOD, PLYWOOD, CHIPS, OR STEEL PLATING OVER THE ROOTS FOR PROTECTION OR THE PROPER PRUNING AND CARE OF THE TREE MUST BE MAINTAINED.

THE CITY'S TREE PROTECTION BY-LAW, 2020-340 PROTECTS BOTH CITY-OWNED TREES, CITY-WIDE, AND PRIVATELY-OWNED TREES WITHIN THE URBAN AREA. PLEASE REFER TO WWW.OTTAWA.CA/TREEBYLAW FOR MORE INFORMATION ON HOW THE TREE BY-LAW APPLIES.

ADDITIONAL NOTES:

1. WHERE TREE PROTECTION MEASURES MUST BE REDUCED WITHIN THE CRZ OF A TREE AND ROOTS ARE ENCOUNTERED DURING EXCAVATION. APPROPRIATE MITIGATION MEASURES SHOULD BE FOLLOWED AS PER THE CONSTRUCTION SPECIFICATIONS. THESE MEASURES MAY INCLUDE BUT ARE NOT LIMITED TO THE FOLLOWING:
 - ALL ROOT SYSTEMS SHALL BE EXPOSED AND BACKFILLED IN ONE CONTINUOUS OPERATION WHEREVER POSSIBLE TO MINIMIZE DESICCATION OF THE ROOT SYSTEM
 - ANY DAMAGED ROOTS, OR ROOTS REQUIRED TO BE REMOVED FOR CONSTRUCTION PURPOSES SHALL BE PRUNED BY A QUALIFIED ARBORIST OR OTHER TREE PROFESSIONAL. ALL PRUNING OF TREE ROOTS TO BE IN ACCORDANCE WITH GOOD ARBORICULTURAL PRACTICES.
2. WET FILL CLOTH SHALL BE USED TO TEMPORARILY COVER AND PROTECT THE EXPOSED ROOTS. THE WET FILL CLOTH SHALL BE INSTALLED IMMEDIATELY FOLLOWING ROOT EXPOSURE, AND SHALL BE HELD IN PLACE WITH APPROVED PINS OR SPIKES UNTIL BACKFILLING TAKES PLACE.
3. EXPOSED ROOTS SHALL BE KEPT CONTINUOUSLY MOIST DURING EXCAVATION.
4. NOT ALL TREE LOCATIONS WERE SHOWN ON THE TOPOGRAPHICAL SURVEY, THEREFORE THE LOCATIONS OF SOME VEGETATION ARE APPROXIMATE AND BASED ON AERIAL PHOTOS AND SITE OBSERVATION.
5. VEGETATION NUMBERING MAY BE USED TO IDENTIFY TREES, LARGE GROUPS OF SHRUBS, OR GROUPS OF TREES WITHIN A SINGLE STAND.
6. AERIAL PHOTO SOURCE: GOOGLE-EARTH 2018
7. REFER TO LANDSCAPE DRAWINGS FOR PROPOSED TREE PLANTING LOCATIONS AND SPECIES.



Area/ Number	Botanical Name	Common Name	DBH	Ownership	Condition	Arborist notes	Arborist Recommendation	Removal Reason
A - Parking South								
1	Quercus macrocarpa	Burr Oak	80	CITY	Good	some dead limbs	REMAIN	
2	Ulmus americana	American Elm	25	PRIVATE	Good	healthy - form is scrubby	REMAIN	
3	Quercus macrocarpa	Burr Oak	20	PRIVATE	Moderate	spare foliage, irregular form	REMAIN	
4a	Populus tremuloides	Trembling Aspen	35	PRIVATE	Good	crowded	REMOVE	CONSTRUCTION CONFLICT
4b	Populus tremuloides	Trembling Aspen	25	PRIVATE	Good	crowded	REMOVE	CONSTRUCTION CONFLICT
4c	Ulmus americana	American Elm	20	PRIVATE	Good	crowded	REMOVE	CONSTRUCTION CONFLICT
5	Group: Fraxinus sp., Ulmus americana	Group: Ash species American Elm Burr Oak	10-15	PRIVATE	Moderate/Good	crowded	REMAIN	
6	Quercus macrocarpa	Burr Oak	25	BOUNDARY	Good	crowded	REMAIN	
7	Quercus macrocarpa	Burr Oak	20	PRIVATE	Good	crowded	REMAIN	
8	Quercus macrocarpa	Burr Oak	10-15	PRIVATE	Moderate	crowded	REMAIN	
9	Quercus macrocarpa	Burr Oak	10-15	PRIVATE	Moderate	crowded	REMAIN	
10	Quercus macrocarpa	Burr Oak	10-15	BOUNDARY	Moderate	crowded	REMAIN	
11	Quercus macrocarpa	Burr Oak	80	PRIVATE	Good		REMAIN	
12	Quercus macrocarpa	Burr Oak	15	ADJACENT	Good		REMAIN	
13	Quercus macrocarpa	Burr Oak	45	BOUNDARY	Good		REMAIN	
14	Quercus macrocarpa	Burr Oak	30	ADJACENT	Good		REMAIN	
15	Quercus macrocarpa	Burr Oak	100	BOUNDARY	Good	pruned	REMAIN	
16	Quercus macrocarpa	Burr Oak	MS2 B5	BOUNDARY	Good	Union strong	REMAIN	
17	Picea glauca	White Spruce	10-15	ADJACENT	Good		REMAIN	
18	Picea glauca	White Spruce	10-15	ADJACENT	Good		REMAIN	
19	Pinus strobus	White Pine	10-15	ADJACENT	Moderate		REMAIN	
20	Quercus macrocarpa	Burr Oak	20	PRIVATE	Good		REMAIN	
21	Quercus macrocarpa	Burr Oak	20	PRIVATE	Good		REMAIN	
22	Quercus macrocarpa	Burr Oak	25	PRIVATE	Good		REMAIN	
23	Quercus macrocarpa	Burr Oak	15	PRIVATE	Good		REMAIN	
24	Quercus macrocarpa	Burr Oak	15	PRIVATE	Good		REMOVE	CONSTRUCTION CONFLICT
25	Quercus macrocarpa	Burr Oak	<10	PRIVATE	Poor		REMOVE	CONSTRUCTION CONFLICT
26	Group: Fraxinus sp., Ulmus americana	Group: Ash species American Elm Buckhorn Vines	n/a	PRIVATE	Poor	dense growth of small trees and shrubs with thick Vine coverage	N/A	
B - Parking East								
1	Acer argentea	Manitoba Maple	25	PRIVATE	Good	poor form	REMOVE	CONSTRUCTION CONFLICT
2a	Picea glauca	White Spruce	30	PRIVATE	Moderate	bowed	REMOVE	CONSTRUCTION CONFLICT
2b	Picea glauca	White Spruce	15	PRIVATE	Moderate	asymmetrical form	REMOVE	CONSTRUCTION CONFLICT
3	Thuja occidentalis	Eastern White Cedar	n/a	PRIVATE	Good	mature dense	N/A	
4	Picea glauca	White Spruce	30	PRIVATE	Good	bowed	REMOVE	CONSTRUCTION CONFLICT
5	Fraxinus sp.	Ash species	n/a	PRIVATE	N/A		N/A	
6	Thuja occidentalis	Eastern White Cedar	MS3 10-20	PRIVATE	Moderate		REMOVE	CONSTRUCTION CONFLICT
7	Fraxinus sp.	Ash species	n/a	PRIVATE	N/A		N/A	
8	Thuja occidentalis	Eastern White Cedar	na	PRIVATE	Poor	tall mature overgrown with vines	N/A	
9	Pinus nigra	Austrian Pine	25	PRIVATE	Moderate	asymmetrical	REMOVE	CONSTRUCTION CONFLICT
10	Picea glauca	White Spruce	15	PRIVATE	Poor	crowded	REMOVE	CONSTRUCTION CONFLICT
11	Group: Fraxinus sp., Rhamnus cathartica, Rhus typhina, Vines	Group: Ash species, Buckhorn, Slaghorn Sumac, Vines	n/a	PRIVATE	Poor		N/A	
12	Acer saccharum	Sugar Maple	20	PRIVATE	Moderate-Good	possible salt stress	REMOVE	CONSTRUCTION CONFLICT
13	Thuja occidentalis	Eastern White Cedar	n/a	PRIVATE	Poor	overgrown	N/A	
14	Picea pungens	Colorado Spruce	25	PRIVATE	Poor	topped	REMOVE	CONSTRUCTION CONFLICT
15	Pinus virginiana	Chickadee	MS +10	PRIVATE	Moderate		REMOVE	CONSTRUCTION CONFLICT
16	Group: Rhamnus cathartica, Vines, Fraxinus sp.	Group: Buckthorn, Vines, Ash species	n/a	PRIVATE	Poor	dense	N/A	
17	Picea glauca	White Spruce	20	PRIVATE	Poor	crowded	N/A	
18	Group: Lonicera sp.	Group: Honeysuckle	n/a	PRIVATE	Moderate	dense	N/A	
19	Pinus nigra	Austrian Pine	15	PRIVATE	Good		REMOVE	CONSTRUCTION CONFLICT
20	Pinus nigra	Austrian Pine	35	PRIVATE	Good		REMOVE	CONSTRUCTION CONFLICT
21	Pinus nigra	Austrian Pine	20	PRIVATE	Good		REMOVE	CONSTRUCTION CONFLICT
22	Pinus nigra	Austrian Pine	25	PRIVATE	Good		REMOVE	CONSTRUCTION CONFLICT
23	Pinus nigra	Austrian Pine	25	PRIVATE	Good		REMOVE	CONSTRUCTION CONFLICT
24	Pinus nigra	Austrian Pine	25	PRIVATE	Good		REMOVE	CONSTRUCTION CONFLICT
25	Group: Fraxinus sp., Rhus typhina, Lonicera sp.	Group: Ash species, Slaghorn Sumac, Honeysuckle	n/a	PRIVATE	Poor	dense group	N/A	
26	Pinus strobus	White Pine	20	PRIVATE	Poor	spare	REMOVE	CONSTRUCTION CONFLICT
27	Pinus strobus	White Pine	20	PRIVATE	Poor	spare	REMOVE	CONSTRUCTION CONFLICT
28	Populus tremuloides	Trembling Aspen	20	PRIVATE	Good		REMOVE	CONSTRUCTION CONFLICT
29	Picea canadica	Serbian Spruce	40	PRIVATE	Good		REMOVE	CONSTRUCTION CONFLICT
30	Picea glauca	White Spruce	20	PRIVATE	Good		REMOVE	CONSTRUCTION CONFLICT
31	Pinus strobus	White Pine	<10	PRIVATE	Good		REMOVE	CONSTRUCTION CONFLICT
32	Fraxinus sp.	Ash species	n/a	PRIVATE	Poor	regrowth	N/A	
33	Acer rubrum	Red Maple	MS2 15-20	PRIVATE	Moderate	healthy with poor form	REMOVE	CONSTRUCTION CONFLICT
34	Group: Fraxinus sp., Lonicera sp., Syringa sp.	Group: Ash species, Honeysuckle, Lilac	n/a	PRIVATE	Poor		N/A	
35	Acer saccharum	Sugar Maple	25	PRIVATE	Good		REMOVE	CONSTRUCTION CONFLICT
36	Acer saccharum	Sugar Maple	20	PRIVATE	Moderate	crowded	REMOVE	CONSTRUCTION CONFLICT
37	Group: x6 Pinus nigra, Acer glabrum	Group: x6 Austrian Pine, 1 Amur maple	15-30	PRIVATE	Good	The amur maple is multistem and shrubby, in moderate condition due to crowding	REMOVE	
38	Group: Rhamnus cathartica, Lonicera sp., Rhus typhina, Syringa, My. Fraxinus sp.	Group: Buckthorn, Honeysuckle, Slaghorn Sumac, Lilac, Ash	n/a	PRIVATE	Poor		N/A	N/A
C - Parking lot West								
1	Fraxinus sp.	Ash species	n/a	CITY	n/a	removed	N/A	N/A
2	Fraxinus sp.	Ash species	n/a	PRIVATE	n/a	removed	N/A	N/A
3	Thuja occidentalis	Eastern White Cedar	n/a	PRIVATE	Good	mature	N/A	N/A
4	Group: Thuja occidentalis, green Fraxinus sp., Rhamnus cathartica	Group: Eastern White Cedar, green ash, buckthorn	n/a	PRIVATE	n/a	heavily overgrown with vines	N/A	N/A
5	Acer x freemanii	Freeman Maple	20	PRIVATE	Moderate	codominant stems with included bark	REMOVE	CONSTRUCTION CONFLICT
6	Group: Rhus typhina	Group: Slaghorn Sumac	n/a	CITY	Good		REMOVE	CONSTRUCTION CONFLICT
7	Fraxinus sp.	Ash species	n/a	PRIVATE	n/a	removed	N/A	N/A
8	Fraxinus sp.	Ash species	n/a	BOUNDARY	n/a	removed	N/A	N/A
9	Fraxinus sp.	Ash species	n/a	PRIVATE	removed		N/A	N/A
10	Pinus nigra	Austrian Pine	20	PRIVATE	Good	overgrown with Grapevine	REMOVE	CONSTRUCTION CONFLICT
11	Group: Sorbaria sorbifolia, Fraxinus sp., Lonicera sp.	Group: False Spirea, Ash species, Honeysuckle,	n/a	PRIVATE	n/a	overgrown with Grapevine	N/A	N/A
12	Fraxinus sp.	Ash species	n/a	PRIVATE	n/a	removed	N/A	N/A
13	Lonicera sp.	large Honeysuckle	n/a	PRIVATE	Moderate		REMOVE	CONSTRUCTION CONFLICT
14	Group: Rhamnus cathartica	Group: Buckthorn	n/a	PRIVATE	n/a		N/A	N/A
15	Fraxinus sp.	Ash species	n/a	BOUNDARY	n/a	removed	N/A	N/A
16	Ulmus americana	American Elm	40	BOUNDARY	Moderate	codominant stems with included bark at 1.1 m	REMOVE	CONSTRUCTION CONFLICT

17	Group: Rhamnus cathartica, with remains of Fraxinus sp.	Group: Buckthorn, with remains of Ash species	n/a	BOUNDARY	n/a		N/A	N/A
18	Pinus nigra	Austrian Pine	10	PRIVATE	Moderate	bowed	REMAIN	
19	Group: Fraxinus sp. with Thuja occidentalis	Group: Ash species with Eastern White Cedar	n/a	BOUNDARY	Poor	poison ivy	REMAIN	
20	Pinus nigra	Austrian Pine	30	PRIVATE	Moderate	overgrown with vines	REMAIN	
21	Picea pungens var. Glauca	Colorado Blue Spruce	20	CITY	Moderate	overgrown with vines	REMAIN	
22	Pinus nigra	Austrian Pine	20	PRIVATE	Moderate	overgrown with vines	REMOVE	CONSTRUCTION CONFLICT
23	Fraxinus sp.	Ash species	n/a	PRIVATE	n/a	regenerating	N/A	N/A
24	Pinus nigra	Austrian Pine	30	PRIVATE	Good		REMAIN	
25	Fraxinus sp.	Ash species	n/a	PRIVATE	n/a	regenerating	N/A	N/A
26	Gleditsia triacanthos	Honeylocust	35	PRIVATE	Good		REMAIN	
27	Group: Rhamnus cathartica, immature Gleditsia triacanthos	Group: Buckthorn, immature Honeylocust	n/a	CITY	n/a		N/A	N/A
28	Fraxinus sp.	Ash species	n/a	PRIVATE	n/a	regenerating	N/A	N/A
29	Gleditsia triacanthos	Honeylocust	35	PRIVATE	Good		REMAIN	
30	Picea pungens var. Glauca	Colorado Blue Spruce	15	PRIVATE	Moderate	healthy with poor form	REMOVE	CONSTRUCTION CONFLICT
31	Picea pungens	Colorado Spruce	25	PRIVATE	Moderate	crowded	REMOVE	CONSTRUCTION CONFLICT
32	Fraxinus sp.	Ash species	n/a	PRIVATE	n/a	regenerating	N/A	N/A
33	Picea pungens var. Glauca	Colorado Blue Spruce	20	PRIVATE	Poor	spare foliage poor form	REMOVE	CONSTRUCTION CONFLICT
34	Fraxinus sp.	Ash species	n/a	CITY	n/a	regenerating	N/A	N/A
35	Picea pungens var. Glauca	Colorado Blue Spruce	25	PRIVATE	Moderate	bowed	REMOVE	CONSTRUCTION CONFLICT
36	Group: Fraxinus sp.	Group: Ash species	n/a	PRIVATE	n/a	Ash removed and regenerating, with buckthorn with vines	N/A	N/A
D - Parking islands								
14	Quercus macrocarpa	Burr Oak	20	PRIVATE	Moderate	Small leaves, sparse foliage, good form	REMOVE	CONSTRUCTION CONFLICT
15	Pinus nigra	Austrian Pine	25	PRIVATE	Good		REMOVE	CONSTRUCTION CONFLICT
16	Rhamnus cathartica	Buckthorn	n/a	PRIVATE	N/A		N/A	N/A
17	Pinus nigra	Austrian Pine	35	PRIVATE	Moderate-Good		REMOVE	CONSTRUCTION CONFLICT
18	Pinus nigra	Austrian Pine	n/a	PRIVATE	Dead		N/A	N/A
19	Fraxinus sp.	Ash species	n/a	PRIVATE	n/a	removed	N/A	N/A
20	Acer saccharum	Sugar Maple	20	PRIVATE	Poor	Trunk wounds, crowding from buckthorn	REMOVE	CONSTRUCTION CONFLICT
21	Fraxinus sp.	Ash species	n/a	PRIVATE	n/a	removed	N/A	N/A
22	Abies balsamea	Balsam Fir	n/a	PRIVATE	Moderate	asymmetrical form	REMOVE	CONSTRUCTION CONFLICT
23	Abies balsamea	Balsam Fir	25	PRIVATE	Poor	large gall poor vigor	REMOVE	CONSTRUCTION CONFLICT
24	Acer saccharum	Sugar Maple	25	PRIVATE	Good		REMOVE	CONSTRUCTION CONFLICT
25	Pinus nigra	Austrian Pine	15	PRIVATE	Good		REMOVE	CONSTRUCTION CONFLICT
26	Thuja occidentalis	Eastern White cedar	MS3 15-20	PRIVATE	Good		REMOVE	CONSTRUCTION CONFLICT
27	Fraxinus sp.	Ash species	n/a	PRIVATE	n/a	removed	N/A	N/A
28	Ulmus americana	American Elm	40	PRIVATE	Good		REMOVE	CONSTRUCTION CONFLICT
29	Group: Thuja occidentalis	Group: Eastern White Cedar	n/a	PRIVATE	Good	Colonized with Grapevine	N/A	N/A
30	Fraxinus sp. removed	Ash species	n/a	PRIVATE	n/a	removed	N/A	N/A
31	Acer rubrum	Red Maple	MS 6 5-15	PRIVATE	Poor	significant damage to largest stem	REMOVE	CONSTRUCTION CONFLICT
32	Acer saccharum	Sugar Maple	30	PRIVATE	Good		REMOVE	CONSTRUCTION CONFLICT
33	Fraxinus sp.	Ash species	n/a	PRIVATE	n/a	removed	N/A	N/A
E - Building west								
288a	Quercus rubra	Red Oak	35	PRIVATE	Good		REMOVE	CONSTRUCTION CONFLICT
288b	Picea glauca	White Spruce	15	PRIVATE	Good		REMOVE	CONSTRUCTION CONFLICT
289	Quercus rubra	Red Oak	25	PRIVATE	Good		REMOVE	CONSTRUCTION CONFLICT
190	Acer saccharum	Sugar Maple	35	PRIVATE	Good		REMOVE	CONSTRUCTION CONFLICT
191	Quercus rubra	Red Oak	20	PRIVATE	Good		REMOVE	CONSTRUCTION CONFLICT
192	Picea pungens var. Glauca	Colorado Blue Spruce	20	PRIVATE	Moderate	Memorial tree - nearby plaque	REMOVE	CONSTRUCTION CONFLICT
193	Group: x3 Pinus strobus	Group: x3 White Pine	15-25	PRIVATE	Moderate-Good	dense understory of buckthorn	REMOVE	CONSTRUCTION CONFLICT
194	Catalpa speciosa	Catalpa	10	PRIVATE	Poor-Moderate	crowded	REMOVE	CONSTRUCTION CONFLICT
195	Group: Rhamnus cathartica and Dead Fraxinus sp. with Vitis sp.	Group: Buckthorn and Dead ash with Grapevine	n/a	PRIVATE	Poor		N/A	N/A
196	Group: Thuja occidentalis	Group: Eastern White cedar	n/a	PRIVATE	Moderate	Crowded with Grapevine	N/A	N/A
197	Picea pungens var. Glauca	Colorado Blue Spruce	20	PRIVATE	Moderate-Poor	possible salt damage	REMOVE	CONSTRUCTION CONFLICT
198	Crataegus sp.	Hawthorne	15-20	PRIVATE	Poor		REMOVE	CONSTRUCTION CONFLICT
199	Ulmus americana	American Elm	40	PRIVATE	Good	one small American Elm within grouping	REMOVE	CONSTRUCTION CONFLICT
200	Group: Thuja occidentalis	Group: Western White Cedars	10-15	PRIVATE	dense		REMOVE	CONSTRUCTION CONFLICT
201	Quercus rubra	Red Oak	25-30	PRIVATE	Good		REMOVE	CONSTRUCTION CONFLICT
202	Pinus strobus	White Pine	10-15	PRIVATE	Good		REMOVE	CONSTRUCTION CONFLICT

REFER TO SITE PLAN APPLICATION #D07-12-23-0138 FOR ADDITIONAL INFORMATION

Area/Number	Botanical Name	Common Name	DBH	Ownership	Arborist Recommendation
F - Adjacent Property (400 March Lane West planting)					
1	Acer Rubrum	Red Maple		PRIVATE	REMAIN
2	Acer Rubrum	Red Maple		PRIVATE	REMAIN
3	Acer Rubrum	Red Maple		PRIVATE	REMAIN
4	Acer Rubrum	Red Maple		PRIVATE	REMAIN
5	Ulmus americana "Princeton"	Burr Oak		PRIVATE	REMAIN
6	Ulmus americana "Princeton"	Princeton Elm		PRIVATE	REMAIN
7	Ulmus americana "Princeton"	Princeton Elm		PRIVATE	REMAIN
8	Ulmus americana "Princeton"	Princeton Elm		PRIVATE	REMAIN
9	Ulmus americana "Princeton"	Princeton Elm		PRIVATE	REMAIN
10	Ulmus americana "Princeton"	Princeton Elm		PRIVATE	REMAIN
11	Acer Buchnanan	Silver Maple		PRIVATE	REMAIN
12	Acer Buchnanan	Silver Maple		PRIVATE	REMAIN
13	Acer Buchnanan	Silver Maple		PRIVATE	REMAIN
14	Acer Buchnanan	Silver Maple		PRIVATE	REMAIN
15	Acer Buchnanan	Silver Maple		PRIVATE	TRANSPLANT
16	Ulmus americana "Princeton"	Princeton Elm		PRIVATE	TRANSPLANT
17	Ulmus americana "Princeton"	Princeton Elm		PRIVATE	TRANSPLANT
18	Ulmus americana "Princeton"	Princeton Elm		PRIVATE	TRANSPLANT
19	Ulmus americana "Princeton"	Princeton Elm		PRIVATE	TRANSPLANT
20	Acer Rubrum	Red Maple		PRIVATE	TRANSPLANT
21	Acer Rubrum	Red Maple		PRIVATE	TRANSPLANT
22	Acer Rubrum	Red Maple		PRIVATE	TRANSPLANT
23	Ulmus americana "Princeton"	Princeton Elm		PRIVATE	TRANSPLANT
24	Ulmus americana "Princeton"	Princeton Elm		PRIVATE	TRANSPLANT
25	Ulmus americana "Princeton"	Princeton Elm		PRIVATE	TRANSPLANT
26	Gleditsia triacanthos var. inermis "Impati"	Imperial Honeylocust		PRIVATE	TRANSPLANT
27	Gleditsia triacanthos var. inermis "Impati"	Imperial Honeylocust		PRIVATE	TRANSPLANT

NOTES:
N/A (NOT APPLICABLE) - HAS BEEN USED WHERE TREES OR TREE GROUPS IDENTIFIED ON THE SURVEY ARE SHRUB SPECIES OR TREES LESS THAN 10CM DBH AND ARE NOT REQUIRED TO BE INCLUDED IN THE TCR SCHEDULE.

N/A HAS ALSO BEEN USED FOR ASH TREE SPECIES THAT ARE IN SEVERE DECLINE, DEAD OR HAVE BEEN REMOVED SINCE THE TOPOGRAPHICAL SURVEY WAS COMPLETED.

NOKIA Ottawa Campus

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