

**CLIENT**  
**CHURCHILL PROPERTIES INC.**  
 5-145 SELECT AVE.,  
 TORONTO, ONTARIO

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**Arcadis Professional Services (Canada) Inc.**  
 Formerly BSI Group Professional Services (Canada) Inc.

ISSUES		
No.	DESCRIPTION	DATE
1	ISSUED FOR ZBA & SPA REVIEW	2022-10-21
2	ISSUED FOR ZBA & SPA REVIEW	2023-03-24
3	ISSUED FOR ZBA & SPA REVIEW	2024-08-12

**LEGEND**

- EXISTING DECIDUOUS TREE
- TEMPORARY TREE PROTECTION FENCING
- PROJECT SITE BOUNDARY

**TREE IDENTIFICATION TAGS**

- 000 P → TREE TO BE PRESERVED
- 000 R → TREE TO BE REMOVED

**SEAL**

**PRIME CONSULTANT**  
**ARCADIS**  
 410 Albert Street - Suite 101  
 Waterloo ON N2L 3V3 Canada  
 tel 519 585 2255  
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**PROJECT**  
 424 Churchill Ave  
 CITY OF OTTAWA

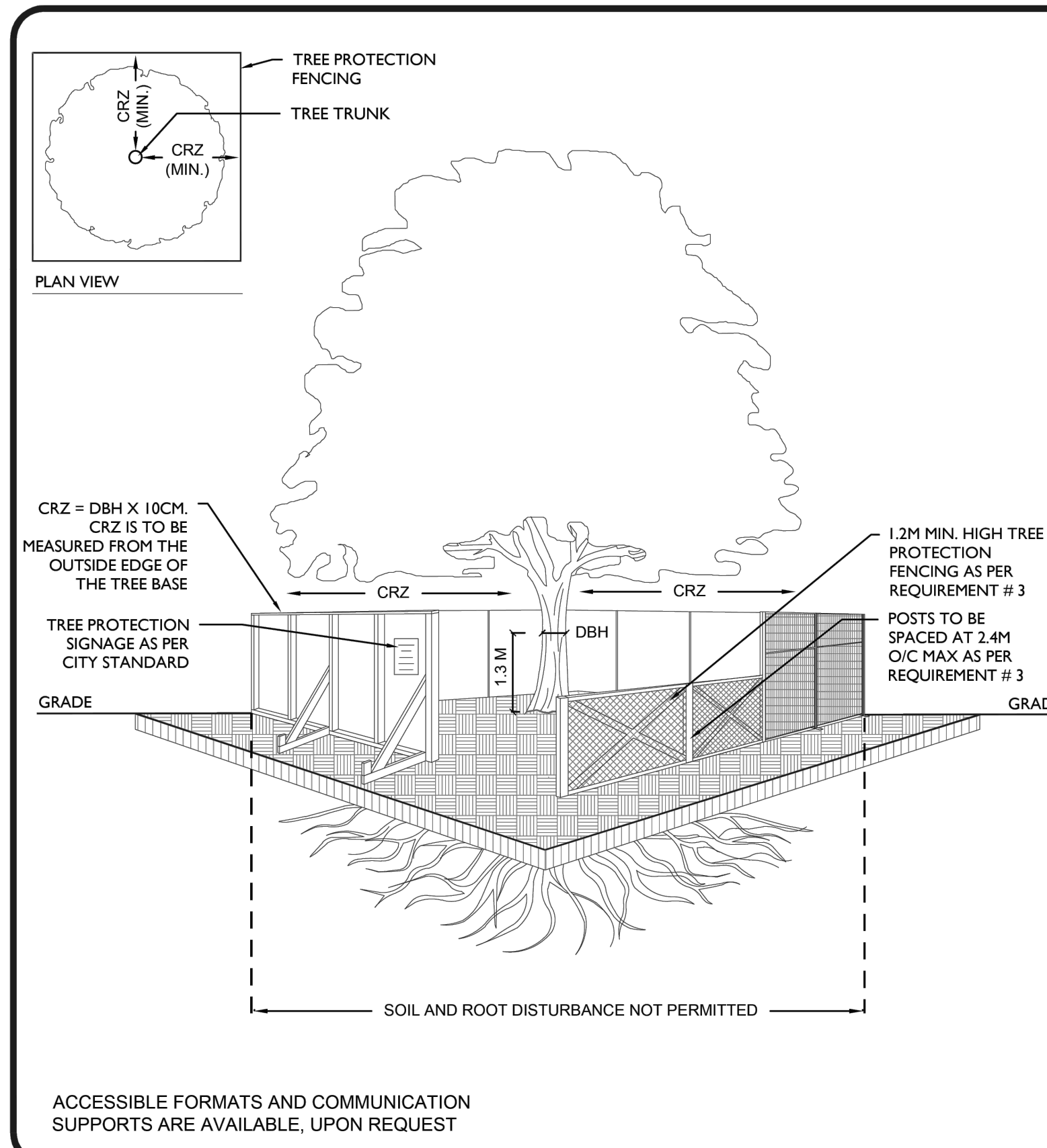
**PROJECT NO:** 139413  
**DRAWN BY:** E.L.  
**PROJECT MGR:** M.P.

**CHECKED BY:** E.L.  
**APPROVED BY:** T.M.

**SHEET TITLE**  
**TREE PRESERVATION PLAN**

**SHEET NUMBER** **ISSUE**  
**TPP-1** **3**

File Location: \\139413\_424\_Churchill\7.03\_Production\7.03\_Design\05\_Landscape\Sheet\139413\_TPP.dwg Last Saved: March 27, 2023, by 162223 Plotted: August 14, 2024 10:51:49 AM by Li, Erick



- 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 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
  - 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 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, 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/TREEBYLA FOR MORE INFORMATION ON HOW THE TREE BY-LAW APPLIES.

**TREE PROTECTION SPECIFICATION**

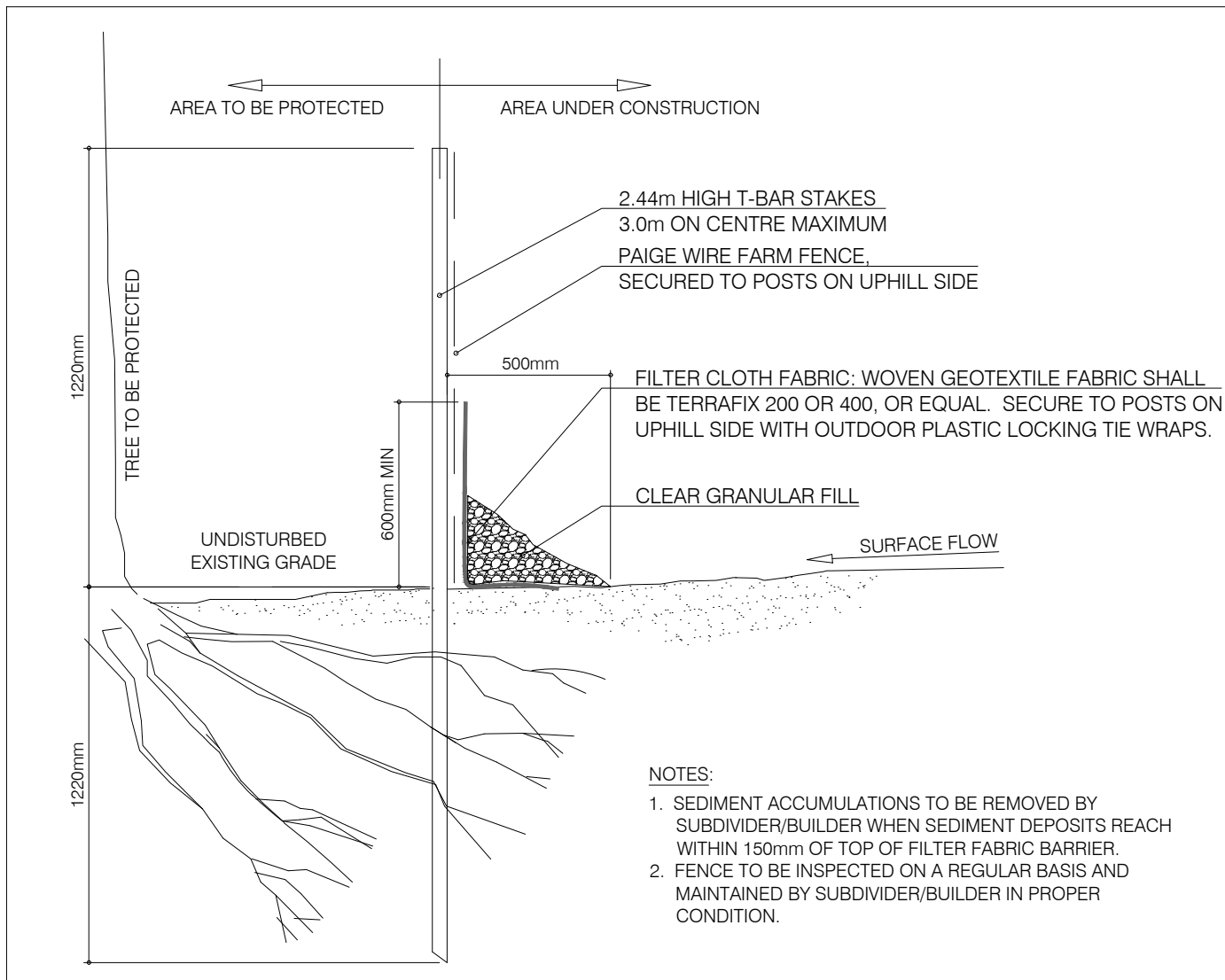
TO BE IMPLEMENTED FOR RETAINED TREES, BOTH ON SITE AND ON ADJACENT SITES, PRIOR TO ANY TREE REMOVAL OR SITE WORKS AND MAINTAINED FOR THE DURATION OF WORK ACTIVITIES ON SITE.

SCALE: NTS

DATE: MARCH 2021

DRAWING NO.: 1 of 1

1 TREE PROTECTION SPECIFICATION  
TPP-2 N.T.S.



2 EROSION CONTROL AND SEDIMENTATION FENCING  
TPP-2 N.T.S.

**Table 1 - Existing Tree Inventory**  
424 Churchill, Ottawa, Ontario  
Project #: 139413

Tag #	Species	Common Name	Diameter at Breast Height (DBH) cm or range (cm)	Drip Line Radius (cm)	Multistem Tree	Overall Condition	Recommended Action	Notes	Ownership
1	<i>Acer negundo</i>	Manitoba Maple	10	480	---	Good	Protection to installed at property limits with reduced protection areas.	Hard lean to south	Private on adjoining site
2	<i>Ulmus americana</i>	American Elm	22	280	---	Fair	Protection to installed at property limits with reduced protection areas.	Lean to south	Private on adjoining site
3	<i>Acer platanoides</i>	Norway Maple	11	250	---	Poor	Remove - Due to grading and infrastructure improvement		Private on site
4	<i>Acer platanoides</i>	Norway Maple	11	200	---	Good	Remove - Due to grading and infrastructure improvement		Private on adjoining site
5	<i>Malus spp.</i>	Apple spp.	11	200	---	Good	Protection to installed at property limits with reduced protection areas.		Private on adjoining site
6	<i>Juglans nigra</i>	Black Walnut	26	500	---	Good	Protection to installed at property limits with reduced protection areas.		Private on adjoining site
7	<i>Acer negundo</i>	Manitoba Maple	11	350	---	Fair	Remove - Due to grading and infrastructure improvement		Private on site
8	<i>Ulmus americana</i>	American Elm	25	350	---	Poor	Remove - Due to grading and infrastructure improvement		Private on site
9	<i>Acer platanoides</i>	Norway Maple	13	490	---	Very Good	Remove - Due to building construction and excavation		Private on site
10	<i>Acer negundo</i>	Manitoba Maple	11	370	---	Good	Remove - Due to building construction and excavation		Private on site
11	<i>Acer negundo</i>	Manitoba Maple	37	850	---	Very Good	Remove - Due to grading and infrastructure improvement		Private on site
12	<i>Acer platanoides</i>	Norway Maple	17	360	---	Very Good	Remove - Due to grading and infrastructure improvement		Private on site
13	<i>Acer negundo</i>	Manitoba Maple	12	280	---	Poor	Remove - Due to grading and infrastructure improvement		Private on site
14	<i>Ulmus americana</i>	American Elm	15	50	---	Poor	Remove - Due to building construction and excavation		Private on site
15	<i>Acer negundo</i>	Manitoba Maple	19	440	---	Poor	Remove - Due to building construction and excavation		Private on site
16	<i>Unknown</i>	Unknown	19	240	---	Dead	Remove - Due to building construction and excavation		Private on site
17	<i>Acer platanoides</i>	Norway Maple	19	580	---	Very Good	Remove - Due to grading and infrastructure improvement		City Tree
18	<i>Rhamnus cathartica</i>	Common Buckthorn	10	730	---	Good	Remove - Due to grading and infrastructure improvement	Hard lean north	City Tree
19	<i>Acer negundo</i>	Manitoba Maple	25	1220	---	Very Good	Remove - Due to building construction and excavation		Private on site
20	<i>Acer negundo</i>	Manitoba Maple	35	640	---	Good	Remove - Due to grading and infrastructure improvement		Private on site
21	<i>Tilia americana</i>	Basswood	11	520	Yes	Poor	Remove - Due to building construction and excavation		City Tree
22	<i>Tilia americana</i>	Basswood	12	540	Yes	Good	Remove - Due to grading and infrastructure improvement		City Tree
23	<i>Acer platanoides</i>	Norway Maple	15	360	---	Very Good	Remove - Due to grading and infrastructure improvement		City Tree
24	<i>Acer negundo</i>	Manitoba Maple	35	1090	Yes	Poor	Remove - Due to grading and infrastructure improvement		City Tree
25	<i>Ulmus americana</i>	American Elm	20	470	---	Good	Remove - Due to grading and infrastructure improvement		City Tree
26	<i>Ulmus americana</i>	American Elm	16	440	---	Good	Remove - Due to grading and infrastructure improvement		City Tree
27	<i>Juglans nigra</i>	Black Walnut	20	1040	---	Good	Remove - Due to grading and infrastructure improvement		City Tree
28	<i>Tilia americana</i>	Basswood	14	0	---	Dead	Remove - Due to grading and infrastructure improvement		City Tree
29	<i>Acer negundo</i>	Manitoba Maple	18	710	---	Good	Remove - Due to grading and infrastructure improvement		City Tree
30	<i>Acer negundo</i>	Manitoba Maple	19	350	---	Very Good	Remove - Due to grading and infrastructure improvement		City Tree
31	<i>Acer negundo</i>	Manitoba Maple	15	410	---	Good	Remove - Due to grading and infrastructure improvement		City Tree
32	<i>Acer negundo</i>	Manitoba Maple	11	0	---	Dead	Remove - Due to grading and infrastructure improvement		City Tree
33	<i>Rhamnus cathartica</i>	Common Buckthorn	11	810	---	Very Good	Remove - Due to grading and infrastructure improvement		City Tree
34	<i>Tilia americana</i>	Basswood	28	430	---	Poor	Remove - Due to grading and infrastructure improvement		City Tree
35	<i>Acer negundo</i>	Manitoba Maple	12	0	---	Dead	Remove - Due to grading and infrastructure improvement		City Tree
36	<i>Acer platanoides</i>	Norway Maple	11	30	---	Very Good	Remove - Due to grading and infrastructure improvement		City Tree
37	<i>Acer negundo</i>	Manitoba Maple	27	810	Yes	Poor	Remove - Due to grading and infrastructure improvement		City Tree
38	<i>Acer negundo</i>	Manitoba Maple	14	450	Yes	Very Good	Remove - Due to grading and infrastructure improvement		City Tree
39	<i>Quercus macrocarpa</i>	Burr Oak	22	220	Yes	Very Good	Remove - Due to grading and infrastructure improvement		City Tree

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