Arborist and Tree Preservation Report

321 & 329 McIvor Ave
R2G 1A1, Winnipeg, Manitoba

Prepared by:

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ISA Tree Risk Assessment Qualification (TRAQ)

Date: 30 Nov, 2022

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Limitation of the Assignment

The assessment is based solely on a visual inspection of the trees during our site visit. This inspection was conducted from ground level. We did not conduct aerial inspections, soil tests or below grade root examinations to assess the condition of tree root systems unless specifically contracted to do so.

The assessment in this inventory is valid only at the time of inspection.

Only trees within the site boundaries and at the periphery were assessed. Locations of trees are plotted using GPS coordinates collected by a mobile device and are subject to satellite accuracy.

A. Introduction

Green Drop Tree Care was hired by Mr. Karn S. Gill of K&S Custome Homes to complete an Arborist/Tree Preservation report for the site at 321 & 329 McIvor Ave, Winnipeg, Manitoba. Our site inspection and tree assessment were conducted on Nov 23 & 28, 2022.

This report is prepared according to the requirements set by the Urban Planning & Design Division, City of Winnipeg[1].

B. Objectives

The objectives of this report are:

- To Identify trees to preserve and protect
- To propose trees to be removed and the reasons;
- To outline specific tree protection methods and treatments before, during and after construction on this site

C. Summary

All of the 280 trees surveyed are city and private trees. 97 trees are recommended to be removed due to the construction. 183 trees are recommended to be protected.

D. Methodology

Trunk diameter was measured using a calibrated diameter tape. The measurement was taken at 1.4 meters above ground level, generally referred to as the diameter at breast height (DBH). All standing live and dead trees with DBH larger than 6.5cm were recorded. Toppled dead trees and stumps were not included in the survey.

The condition rating composes the tree's health, structure and form and is based on the Guide for Plant Apprisal[3], 10th edition published by the Council of Tree and Landscape Appraiser. The structures of the trees are assessed according to the Tree Risk Assessment Manual[4], 2nd edition published by the International Society of Arboriculture.

Rating category	Condition components		
	Health	Structure	Form
Excellent	High vigor and nearly perfect health with little or no twig dieback, discoloration, or defoliation.	Nearly ideal and free of defects.	Nearly ideal for the species. Generally symmetric. Consistent with the intended use.
Good	Vigor is normal for the species. No significant damage due to diseases or pests. Any twig dieback, defoliation, or discoloration is minor.	Well-developed structure. Defects are minor and can be corrected.	Minor asymmetries/deviations from species norm. Mostly consistent with the intended use. Function and aesthetics are not compromised.
Fair	Reduced vigor. Damage due to insects or diseases may be significant and associated with defoliation but is not likely to be fatal. Twig dieback, defoliation, discoloration, and/or dead branches may comprise up to 50% of the crown.	A single defect of a significant nature or multiple moderate defects. Defects are not practical to correct or would require multiple treatments over several years.	Major asymmetries/deviations from species norm and/or intended use. Function and/or aesthetics are compromised.
Poor	Unhealthy and declining in appearance. Poor vigor. Low foliage density and poor foliage color are present. Potentially fatal pest infestation. Extensive twig and/or branch dieback.	A single serious defect or multiple significant defects. Recent change in tree orientation. Observed structural problems cannot be corrected. Failure may occur at any time.	Largely asymmetric/abnormal. Detracts from intended use and/or aesthetics to a significant degree.
Very poor	Poor vigor. Appears to be dying and in the last stages of life. Little live foliage.	Single or multiple severe defects. Failure is probable or imminent.	Visually unappealing. Provides little or no function in the landscape.

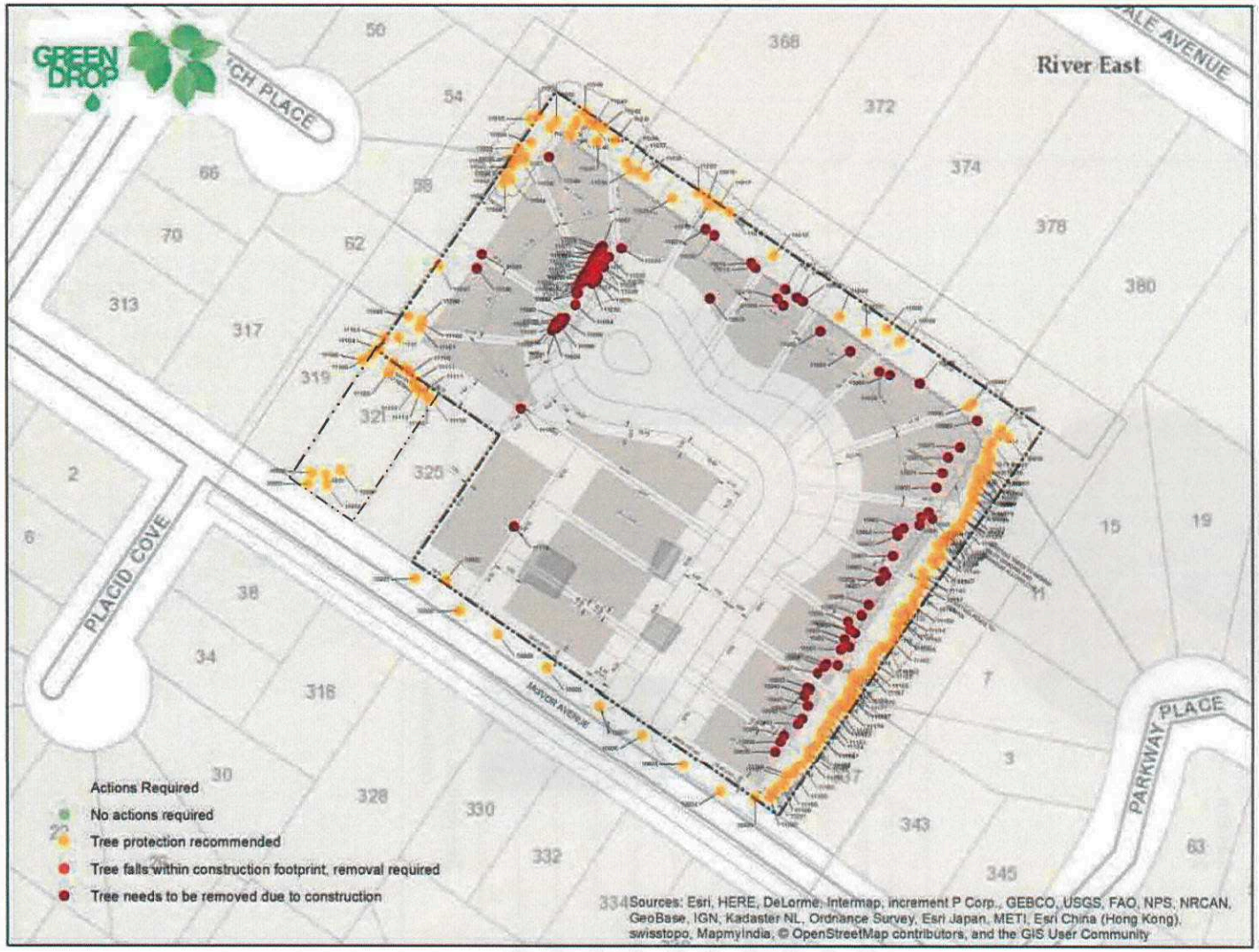
Table source: Guide for Plant Appraisal 10th Edition, Council of Tree and Landscape Appraiser

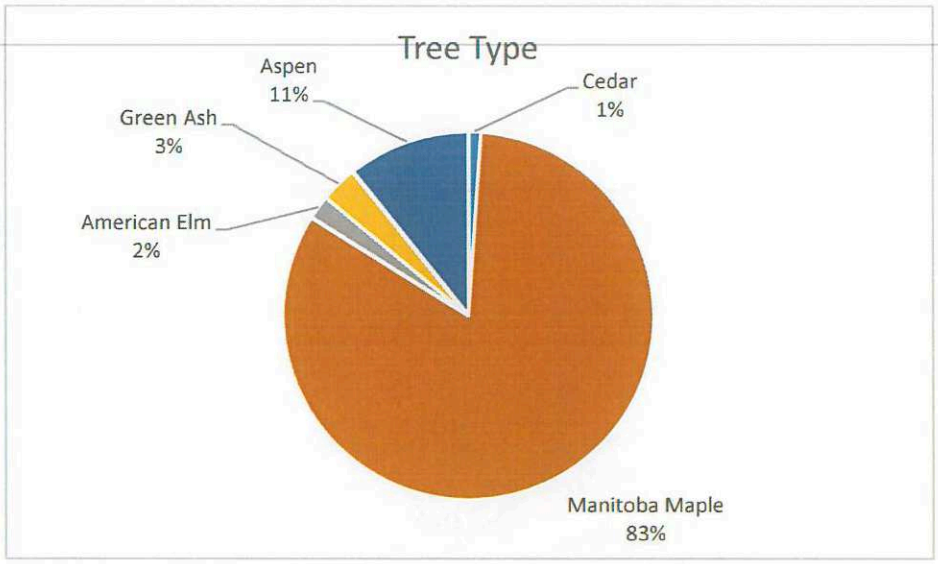
E. Tree-by-Tree Inventory

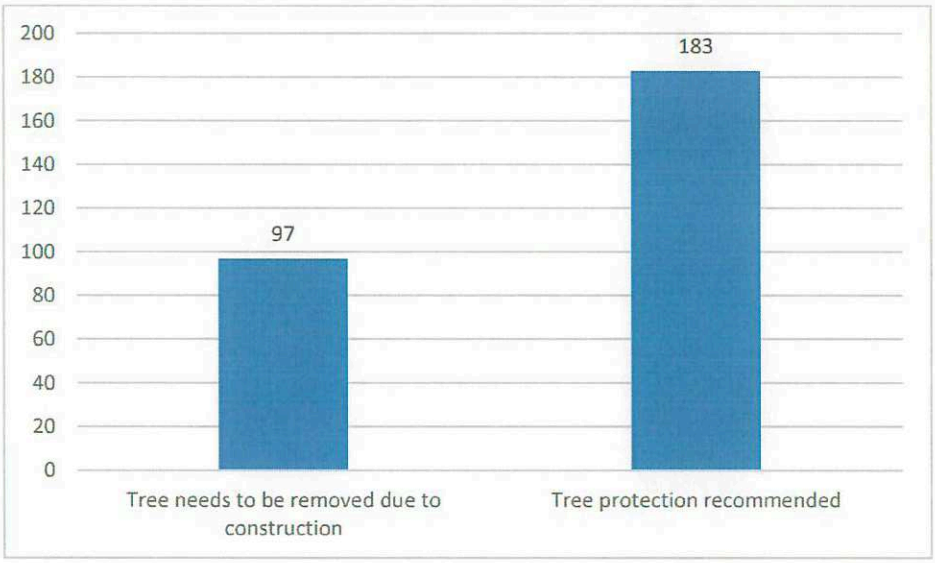
See Appendix I.

F. Tree Protection and Removal Plan

According to the drawings provided and the condition of the trees recorded, our recommendations are reflected in the drawing below.




Tree Type
Aspen
11%
Cedar
1%
Green Ash
3%
American Elm
2%
Manitoba Maple
83%


200
180
160
140
120
100
80
60
40
20
0
97
183
Tree needs to be removed due to construction
Tree protection recommended

G. Construction Guideline

a. Tree Protection Zone[2]

- Protective barriers should be installed around all trees to be retained prior to any construction commencing on site.
- Tree protection barriers are to be located at the outer limit of the minimum Tree Protection Zone (TPZ) and is correlated to trunk diameter (see table).

• Trunk Diameter (DBH)	• Minimum Protection Distances • Required for Private or City Street Trees
• < 10 cm	• 2 m
• 11 – 40cm	• 2.4 m
• 41 – 50 cm	• 3.0 m
• 51 – 60cm	• 3.6 m
• 61 – 70cm	• 4.2 m
• 71 – 80 cm	• 4.8 m
• 81 – 90cm	• 5.4 m
• 91 – 100cm+	• 6 m

- The barriers enclose the tree protection zone (TPZ), within which no construction-related activity is permitted without the permission from City of Winnipeg Urban Forestry Branch or onsite Supervisor regarding private trees. Within the TPZ there is to be,
  - No construction
  - No altering of grade due to cut and fill, surface scraping, excavating, or soil
  - disturbance
  - No storage of construction materials, soil, waste, or debris
  - No disposal of any solid or liquid
  - No parking, operation, or passage of vehicles or equipment
  - No personal access

- Unless otherwise stipulated on the Tress Protection Plan, the barriers are to be 4 feet high, and constructed of high orange plastic web snow fencing on a wood frame or as directed by the City of Winnipeg Urban Forestry Branch in accordance with City of Winnipeg Protection of Existing Tree Specifications. Supports and braces for the barriers must be installed outside the TPZ. The barrier locations can be adjusted to align with curbs and edges at clear path of travel zones.

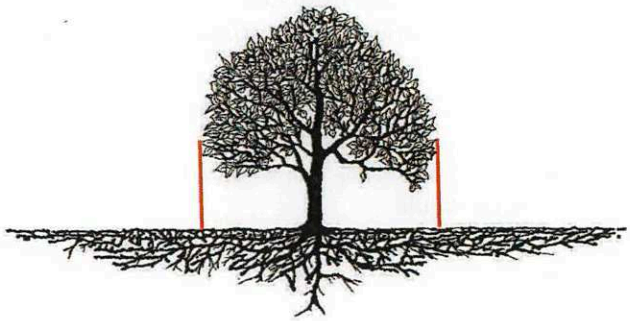
- Tree strapping material will be installed on individual trees where work will be completed within the TPZ.

- An example of tree protection zone and sign is illustrated below



b. Watering of Trees

- It is extremely important to regularly monitor the soil moisture levels within the root zones of the trees during the months from April to November, and to ensure adequate supplemental watering is done promptly as necessary. The objective of the watering is to provide the trees with deep, thorough watering when rainfall is insufficient to keep the soil moist 2" below the surface. This can be done by applying approximately 1-3 inches of water, or 20 – 60 L of water per square metre, throughout the feeder root zone, at least to the drip line (see below).



- It is strongly recommended that an individual who will be on-site for the duration of the project be assigned this responsibility and be given clear instruction on how to check moisture levels, how and where to apply the water and how much.

c. Mulching

- For well-drained sites, apply a 2 to 4 inch (5 to 10 cm) layer of bark or wood chip mulch. Coarse mulches can be applied slightly deeper without harm. Place mulch out to the edge of a tree's crown or beyond. If placed around a smaller tree, consider the mature size of the tree and expand out mulch accordingly.

d. Fertilization

- Fertilization can be completed to encourage growth and increase vigour. Fertilizers should be applied in early spring just before growth occurs.

e. Site Supervision by ISA Certified Arborist

- It is strongly recommended that the client retain a construction-phase project arborist to make routine site inspections to monitor tree protection and tree considerations and provide follow-up summary reports and/or recommendations for tree care or protection related work.
- ISA Certified Arborists can be found in the following website https://www.treesaregood.org/findanarborist/findanarborist

H. Conclusion

The tree preservation prescriptions recommended in this report for the tree to be protected on the site have been prepared following the City of Winnipeg's Tree Protection Zone Guidelines. It is anticipated that, if the minimum tree protection zones are fully heeded, the indicated trees will not be markedly affected by the proposed development. The trees identified for retention are to be protected.

Tree protection zone should be constructed prior to construction and maintained throughout construction. No encroachment into tree protection zones is to occur without arborist supervision.

I. Reference:

1. City of Winnipeg – Arborist/Tree Preservation Report https://www.winnipeg.ca/ppd/Documents/Zoning/DevelopmentApplication/InfoSheet/Arborist%20-Tree-Preservation-Report.pdf. Accessed Dec 1, 2021.

2. City of Winnipeg Tree Planting Details & Specifications Downtown Area and Regional Streets https://winnipeg.ca/publicworks/parksOpenSpace/UrbanForestry/PDF/Principles_and_Guidelines.pdf

3. Council of Tree and Landscape Appraisers. 2018. Guide for Plant Appraisal (10th ed.). International Society of Arboriculture. Champaign

4. Tree Risk Assessment Manual, (2nd ed.). International Society of Arboriculture. Champaign

Appendix I Tree Inventory

Tree Inventory
321 & 329 McInvor Ave

GREEN DROP Tree Care

Tree Number	Tree type	DBH (cm)	Condition Rating	Action	Comments
10923	Manitoba Maple	40-49.9 (cm)	Fair	Tree protection recommended	
10924	Green Ash	10-19.9 (cm)	Fair	Tree protection recommended	
10925	Green Ash	20-29.9 (cm)	Fair	Tree protection recommended	
10926	Green Ash	20-29.9 (cm)	Fair	Tree protection recommended	
10927	Green Ash	20-29.9 (cm)	Fair	Tree protection recommended	
10928	Green Ash	20-29.9 (cm)	Fair	Tree protection recommended	
10929	Green Ash	20-29.9 (cm)	Fair	Tree protection recommended	
10930	Green Ash	20-29.9 (cm)	Fair	Tree protection recommended	
10931	Green Ash	20-29.9 (cm)	Fair	Tree protection recommended	
10932	Green Ash	40-49.9 (cm)	Fair	Tree protection recommended	Multi trunks
10933	Manitoba Maple	50-59.9 (cm)	Fair	Tree protection recommended	
10934	Cedar	1-9.9 (cm)	Good	Tree protection recommended	
10935	Cedar	1-9.9 (cm)	Good	Tree protection recommended	
10936	Cedar	1-9.9 (cm)	Good	Tree protection recommended	
10937	Manitoba Maple	10-19.9 (cm)	Good	Tree protection recommended	Multi trunks
10938	Manitoba Maple	10-19.9 (cm)	Good	Tree needs to be removed due to construction	2 trunks
10939	Manitoba Maple	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
10940	Manitoba Maple	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
10941	Manitoba Maple	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
10942	Manitoba Maple	1-9.9 (cm)	Good	Tree needs to be removed due to construction	
10943	Manitoba Maple	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
10944	Manitoba Maple	20-29.9 (cm)	Good	Tree needs to be removed due to construction	
10945	Manitoba Maple	20-29.9 (cm)	Good	Tree needs to be removed due to construction	
10946	Manitoba Maple	20-29.9 (cm)	Good	Tree needs to be removed due to construction	
10947	Manitoba Maple	1-9.9 (cm)	Good	Tree needs to be removed due to construction	
10948	Manitoba Maple	20-29.9 (cm)	Good	Tree needs to be removed due to construction	
10949	Manitoba Maple	1-9.9 (cm)	Good	Tree needs to be removed due to construction	
10950	Manitoba Maple	1-9.9 (cm)	Good	Tree needs to be removed due to construction	
10951	Manitoba Maple	1-9.9 (cm)	Good	Tree needs to be removed due to construction	
10952	Manitoba Maple	1-9.9 (cm)	Good	Tree needs to be removed due to construction	
10953	Manitoba Maple	1-9.9 (cm)	Good	Tree needs to be removed due to construction	
10954	Manitoba Maple	1-9.9 (cm)	Good	Tree needs to be removed due to construction	
10955	Manitoba Maple	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
10956	Manitoba Maple	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
10957	Manitoba Maple	20-29.9 (cm)	Good	Tree needs to be removed due to construction	
10958	Manitoba Maple	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
10959	Manitoba Maple	30-39.9 (cm)	Good	Tree needs to be removed due to construction	
10960	Manitoba Maple	1-9.9 (cm)	Good	Tree needs to be removed due to construction	
10961	Manitoba Maple	20-29.9 (cm)	Good	Tree needs to be removed due to construction	
10962	Manitoba Maple	20-29.9 (cm)	Good	Tree needs to be removed due to construction	
10963	Manitoba Maple	1-9.9 (cm)	Good	Tree needs to be removed due to construction	
10964	Manitoba Maple	1-9.9 (cm)	Good	Tree needs to be removed due to construction	
10965	Manitoba Maple	20-29.9 (cm)	Good	Tree needs to be removed due to construction	
10966	Manitoba Maple	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
10967	Manitoba Maple	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
10968	Manitoba Maple	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
10969	Manitoba Maple	1-9.9 (cm)	Good	Tree needs to be removed due to construction	
10970	Manitoba Maple	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
10971	Manitoba Maple	20-29.9 (cm)	Good	Tree needs to be removed due to construction	
10972	Manitoba Maple	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
10973	Manitoba Maple	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
10974	Manitoba Maple	40-49.9 (cm)	Fair	Tree protection recommended	
10975	Manitoba Maple	40-49.9 (cm)	Fair	Tree protection recommended	
10976	Manitoba Maple	40-49.9 (cm)	Fair	Tree protection recommended	
10977	Manitoba Maple	40-49.9 (cm)	Poor	Tree protection recommended	
10978	Manitoba Maple	40-49.9 (cm)	Poor	Tree protection recommended	
10979	Manitoba Maple	40-49.9 (cm)	Fair	Tree protection recommended	
10980	Manitoba Maple	40-49.9 (cm)	Fair	Tree protection recommended	
10981	Manitoba Maple	30-39.9 (cm)	Fair	Tree protection recommended	
10982	Manitoba Maple	30-39.9 (cm)	Fair	Tree protection recommended	
10983	Manitoba Maple	30-39.9 (cm)	Fair	Tree protection recommended	
10984	Manitoba Maple	40-49.9 (cm)	Fair	Tree protection recommended	
10985	Manitoba Maple	40-49.9 (cm)	Fair	Tree protection recommended	
10986	Manitoba Maple	40-49.9 (cm)	Fair	Tree protection recommended	
10987	Manitoba Maple	20-29.9 (cm)	Fair	Tree protection recommended	
10988	Manitoba Maple	20-29.9 (cm)	Fair	Tree protection recommended	

Tree Number	Tree type	DBH (cm)	Condition Rating	Action	Comments
10989	Manitoba Maple	20-29.9 (cm)	Fair	Tree protection recommended	
10990	Manitoba Maple	20-29.9 (cm)	Fair	Tree protection recommended	
10991	Manitoba Maple	40-49.9 (cm)	Fair	Tree protection recommended	
10992	Manitoba Maple	20-29.9 (cm)	Fair	Tree protection recommended	
10993	Manitoba Maple	20-29.9 (cm)	Fair	Tree protection recommended	
10994	Manitoba Maple	40-49.9 (cm)	Fair	Tree protection recommended	
10995	Manitoba Maple	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
10996	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	
10997	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	
10998	Manitoba Maple	1-9.9 (cm)	Good	Tree needs to be removed due to construction	
10999	Manitoba Maple	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
11000	Manitoba Maple	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
11001	Manitoba Maple	30-39.9 (cm)	Good	Tree needs to be removed due to construction	3 trunks
11002	Manitoba Maple	40-49.9 (cm)	Good	Tree needs to be removed due to construction	3 trunks
11003	Manitoba Maple	10-19.9 (cm)	Good	Tree needs to be removed due to construction	Multi trunks
11004	Manitoba Maple	10-19.9 (cm)	Good	Tree needs to be removed due to construction	Multi trunks
11005	Manitoba Maple	10-19.9 (cm)	Good	Tree needs to be removed due to construction	Multi trunks
11006	Manitoba Maple	40-49.9 (cm)	Good	Tree protection recommended	
11007	Manitoba Maple	40-49.9 (cm)	Good	Tree protection recommended	
11008	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	
11009	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	
11010	Manitoba Maple	20-29.9 (cm)	Good	Tree needs to be removed due to construction	Multi trunks
11011	Manitoba Maple	20-29.9 (cm)	Good	Tree needs to be removed due to construction	Multi trunks
11012	Manitoba Maple	60-69.9 (cm)	Good	Tree protection recommended	
11013	Manitoba Maple	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
11014	Manitoba Maple	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
11015	Manitoba Maple	10-19.9 (cm)	Good	Tree needs to be removed due to construction	Multi trunks
11016	Manitoba Maple	30-39.9 (cm)	Good	Tree protection recommended	Multi trunks
11017	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	Multi trunks
11018	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	Multi trunks
11019	Manitoba Maple	30-39.9 (cm)	Good	Tree protection recommended	Multi trunks
11020	Manitoba Maple	10-19.9 (cm)	Good	Tree needs to be removed due to construction	Multi trunks
11021	Manitoba Maple	10-19.9 (cm)	Good	Tree needs to be removed due to construction	Multi trunks
11022	Manitoba Maple	60-69.9 (cm)	Good	Tree protection recommended	
11023	American Elm		Good	Tree protection recommended	
11024	Aspen	1-9.9 (cm)	Good	Tree needs to be removed due to construction	
11025	Aspen	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
11026	Manitoba Maple	20-29.9 (cm)	Good	Tree needs to be removed due to construction	Multi trunks
11027	Manitoba Maple	1-9.9 (cm)	Good	Tree needs to be removed due to construction	
11028	Manitoba Maple	10-19.9 (cm)	Good	Tree needs to be removed due to construction	Multi trunks
11029	Manitoba Maple	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
11030	Manitoba Maple	10-19.9 (cm)	Good	Tree needs to be removed due to construction	Multi trunks
11031	Manitoba Maple	1-9.9 (cm)	Good	Tree needs to be removed due to construction	
11032	Manitoba Maple	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
11033	Manitoba Maple	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
11034	Manitoba Maple	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
11035	Manitoba Maple	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
11036	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	
11037	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	
11038	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	
11039	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	
11040	Manitoba Maple	40-49.9 (cm)	Good	Tree protection recommended	
11041	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	
11042	Manitoba Maple	20-29.9 (cm)	Fair	Tree protection recommended	
11043	Manitoba Maple	20-29.9 (cm)	Poor	Tree protection recommended	
11044	Manitoba Maple	20-29.9 (cm)	Poor	Tree protection recommended	
11045	Manitoba Maple	1-9.9 (cm)	Good	Tree protection recommended	
11046	Manitoba Maple	10-19.9 (cm)	Good	Tree protection recommended	
11047	Manitoba Maple	30-39.9 (cm)	Good	Tree protection recommended	
11048	Manitoba Maple	30-39.9 (cm)	Good	Tree protection recommended	
11049	Manitoba Maple	40-49.9 (cm)	Good	Tree needs to be removed due to construction	
11050	Manitoba Maple	60-69.9 (cm)	Good	Tree protection recommended	Multi trunk
11051	Manitoba Maple	30-39.9 (cm)	Good	Tree protection recommended	
11052	Manitoba Maple	10-19.9 (cm)	Good	Tree protection recommended	
11053	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	
11054	Manitoba Maple	10-19.9 (cm)	Good	Tree protection recommended	
11055	Manitoba Maple	10-19.9 (cm)	Good	Tree protection recommended	Multi trunk
11056	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	
11057	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	Multi trunk
11058	Manitoba Maple	60-69.9 (cm)	Good	Tree protection recommended	Multi trunk
11059	Manitoba Maple	30-39.9 (cm)	Good	Tree protection recommended	2 trunks

Tree Number	Tree type	DBH (cm)	Condition Rating	Action	Comments
11060	Manitoba Maple	30-39.9 (cm)	Good	Tree protection recommended	
11061	Manitoba Maple	10-19.9 (cm)	Good	Tree protection recommended	
11062	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	
11063	Manitoba Maple	50-59.9 (cm)	Good	Tree protection recommended	2 trunks
11064	Manitoba Maple	50-59.9 (cm)	Good	Tree protection recommended	3 trunks
11065	Manitoba Maple	30-39.9 (cm)	Good	Tree protection recommended	
11066	Manitoba Maple	10-19.9 (cm)	Good	Tree protection recommended	
11067	Aspen	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
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11069	Aspen	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
11070	Aspen	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
11071	Aspen	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
11072	Aspen	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
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11074	Aspen	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
11075	Aspen	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
11076	Aspen	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
11077	Aspen	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
11078	Aspen	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
11079	Aspen	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
11080	Aspen	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
11081	Aspen	10-19.9 (cm)	Dead	Tree needs to be removed due to construction	
11082	Aspen	10-19.9 (cm)	Dead	Tree needs to be removed due to construction	
11083	Aspen	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
11084	Aspen	10-19.9 (cm)	Good	Tree needs to be removed due to construction	
11085	Aspen	1-9.9 (cm)	Good	Tree needs to be removed due to construction	
11086	Aspen	1-9.9 (cm)	Good	Tree needs to be removed due to construction	
11087	Aspen	1-9.9 (cm)	Good	Tree needs to be removed due to construction	
11088	Aspen	1-9.9 (cm)	Good	Tree needs to be removed due to construction	
11089	Aspen	1-9.9 (cm)	Good	Tree needs to be removed due to construction	
11090	Aspen	1-9.9 (cm)	Good	Tree needs to be removed due to construction	
11091	Aspen	1-9.9 (cm)	Good	Tree needs to be removed due to construction	
11092	Aspen	1-9.9 (cm)	Good	Tree needs to be removed due to construction	
11093	Aspen	1-9.9 (cm)	Good	Tree needs to be removed due to construction	
11094	Aspen	1-9.9 (cm)	Good	Tree needs to be removed due to construction	
11095	Manitoba Maple	1-9.9 (cm)	Good	Tree needs to be removed due to construction	Multi trunks
11096	Manitoba Maple	1-9.9 (cm)	Good	Tree needs to be removed due to construction	Multi trunks
11097	Manitoba Maple	50-59.9 (cm)	Good	Tree protection recommended	
11098	Manitoba Maple	30-39.9 (cm)	Good	Tree protection recommended	
11099	Manitoba Maple	10-19.9 (cm)	Good	Tree protection recommended	
11100	Manitoba Maple	10-19.9 (cm)	Good	Tree protection recommended	Multi trunks
11101	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	Multi trunks
11102	Manitoba Maple	10-19.9 (cm)	Good	Tree protection recommended	
11103	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	
11104	Manitoba Maple	10-19.9 (cm)	Good	Tree protection recommended	
11105	Manitoba Maple	10-19.9 (cm)	Good	Tree protection recommended	
11106	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	
11107	American Elm	50-59.9 (cm)	Good	Tree protection recommended	
11108	American Elm	10-19.9 (cm)	Good	Tree protection recommended	
11109	American Elm	40-49.9 (cm)	Good	Tree protection recommended	
11110	American Elm	40-49.9 (cm)	Good	Tree protection recommended	
11111	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	Multi trunks
11112	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	
11113	Manitoba Maple	30-39.9 (cm)	Good	Tree protection recommended	
11114	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	
11115	Manitoba Maple	30-39.9 (cm)	Good	Tree protection recommended	
11116	Manitoba Maple	10-19.9 (cm)	Poor	Tree protection recommended	
11117	American Elm	80-89.9 (cm)	Good	Tree needs to be removed due to construction	
11118	Manitoba Maple	10-19.9 (cm)	Good	Tree needs to be removed due to construction	Multi trunks
11119	Manitoba Maple	20-29.9 (cm)	Fair	Tree protection recommended	
11120	Manitoba Maple	20-29.9 (cm)	Fair	Tree protection recommended	
11121	Manitoba Maple	20-29.9 (cm)	Fair	Tree protection recommended	
11122	Manitoba Maple	20-29.9 (cm)	Poor	Tree protection recommended	
11123	Manitoba Maple	40-49.9 (cm)	Good	Tree protection recommended	
11124	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	
11125	Manitoba Maple	30-39.9 (cm)	Good	Tree protection recommended	
11126	Manitoba Maple	20-29.9 (cm)	Poor	Tree protection recommended	
11127	Manitoba Maple	30-39.9 (cm)	Good	Tree protection recommended	
11128	Manitoba Maple	30-39.9 (cm)	Good	Tree protection recommended	
11129	Manitoba Maple	10-19.9 (cm)	Dead	Tree protection recommended	
11130	Manitoba Maple	20-29.9 (cm)	Poor	Tree protection recommended	

Tree Number	Tree type	DBH (cm)	Condition Rating	Action	Comments
11131	Manitoba Maple	20-29.9 (cm)	Fair	Tree protection recommended	
11132	Manitoba Maple	20-29.9 (cm)	Fair	Tree protection recommended	
11133	Manitoba Maple	20-29.9 (cm)	Fair	Tree protection recommended	
11134	Manitoba Maple	10-19.9 (cm)	Dead	Tree protection recommended	
11135	Manitoba Maple	30-39.9 (cm)	Good	Tree protection recommended	
11136	Manitoba Maple	30-39.9 (cm)	Good	Tree protection recommended	
11137	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	
11138	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	
11139	Manitoba Maple	30-39.9 (cm)	Good	Tree protection recommended	
11140	Manitoba Maple	30-39.9 (cm)	Good	Tree protection recommended	
11141	Manitoba Maple	10-19.9 (cm)	Dead	Tree protection recommended	
11142	Manitoba Maple	10-19.9 (cm)	Fair	Tree protection recommended	
11143	Manitoba Maple	10-19.9 (cm)	Dead	Tree protection recommended	
11144	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	
11145	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	
11146	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	
11147	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	
11148	Manitoba Maple	10-19.9 (cm)	Good	Tree protection recommended	
11149	Manitoba Maple	30-39.9 (cm)	Good	Tree protection recommended	
11150	Manitoba Maple	30-39.9 (cm)	Good	Tree protection recommended	
11151	Manitoba Maple	10-19.9 (cm)	Dead	Tree protection recommended	
11152	Manitoba Maple	10-19.9 (cm)	Good	Tree protection recommended	
11153	Manitoba Maple	30-39.9 (cm)	Good	Tree protection recommended	
11154	Manitoba Maple	40-49.9 (cm)	Good	Tree protection recommended	
11155	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	
11156	Manitoba Maple	10-19.9 (cm)	Good	Tree protection recommended	
11157	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	
11158	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	
11159	Manitoba Maple	10-19.9 (cm)	Good	Tree protection recommended	
11160	Manitoba Maple	60-69.9 (cm)	Good	Tree protection recommended	3 trunks
11161	Manitoba Maple	50-59.9 (cm)	Good	Tree protection recommended	2 trunks
11162	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	
11163	Manitoba Maple	10-19.9 (cm)	Dead	Tree protection recommended	
11164	Manitoba Maple	10-19.9 (cm)	Dead	Tree protection recommended	
11165	Manitoba Maple	20-29.9 (cm)	Fair	Tree protection recommended	
11166	Manitoba Maple	20-29.9 (cm)	Fair	Tree protection recommended	
11167	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	
11168	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	
11169	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	
11170	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	
11171	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	
11172	Manitoba Maple	10-19.9 (cm)	Dead	Tree protection recommended	
11173	Manitoba Maple	10-19.9 (cm)	Fair	Tree protection recommended	
11174	Manitoba Maple	10-19.9 (cm)	Fair	Tree protection recommended	
11175	Manitoba Maple	10-19.9 (cm)	Fair	Tree protection recommended	
11176	Manitoba Maple	10-19.9 (cm)	Fair	Tree protection recommended	
11177	Manitoba Maple	10-19.9 (cm)	Dead	Tree protection recommended	
11178	Manitoba Maple	20-29.9 (cm)	Good	Tree protection recommended	
11179	Manitoba Maple	10-19.9 (cm)	Dead	Tree protection recommended	
11180	Manitoba Maple	10-19.9 (cm)	Good	Tree protection recommended	
11181	Manitoba Maple	10-19.9 (cm)	Fair	Tree protection recommended	
11182	Manitoba Maple	10-19.9 (cm)	Fair	Tree protection recommended	
11183	Manitoba Maple	20-29.9 (cm)	Fair	Tree protection recommended	
11184	Manitoba Maple	30-39.9 (cm)	Fair	Tree protection recommended	2 trunks
11185	Manitoba Maple	40-49.9 (cm)	Fair	Tree protection recommended	
11186	Manitoba Maple	30-39.9 (cm)	Fair	Tree protection recommended	
11187	Manitoba Maple	20-29.9 (cm)	Poor	Tree protection recommended	
11188	Manitoba Maple	30-39.9 (cm)	Good	Tree protection recommended	
11189	Manitoba Maple	30-39.9 (cm)	Good	Tree protection recommended	
11190	Manitoba Maple	30-39.9 (cm)	Good	Tree protection recommended	
11191	Manitoba Maple	1-9.9 (cm)	Dead	Tree protection recommended	
11192	Manitoba Maple	10-19.9 (cm)	Dead	Tree protection recommended	
11193	Manitoba Maple	10-19.9 (cm)	Fair	Tree protection recommended	
11194	Manitoba Maple	20-29.9 (cm)	Fair	Tree protection recommended	
11195	Manitoba Maple	30-39.9 (cm)	Fair	Tree protection recommended	
11196	Manitoba Maple	10-19.9 (cm)	Fair	Tree protection recommended	
11197	Manitoba Maple	30-39.9 (cm)	Good	Tree protection recommended	
11198	Manitoba Maple	30-39.9 (cm)	Good	Tree protection recommended	
11199	Manitoba Maple	30-39.9 (cm)	Good	Tree protection recommended	
11200	Manitoba Maple	30-39.9 (cm)	Good	Tree protection recommended	
11201	Manitoba Maple	30-39.9 (cm)	Good	Tree protection recommended	

Tree Number	Tree type	DBH (cm)	Condition Rating	Action	Comments
11202	Manitoba Maple	30-39.9 (cm)	Good	Tree protection recommended	