ARBORIST REPORT

FOREST GLEN SHOPPING CENTRE INC

3403 – 3445 FIELDGATE DRIVE

CITY OF MISSISSAUGA, REGION OF PEEL

PREPARED FOR:

SAJECKI PLANNING INC.

PREPARED BY:

C.F. CROZIER & ASSOCIATES INC.

COLLINGWOOD, ON L9Y 3Z1
70 HURON STREET, SUITE 100

AUGUST 16, 2024

CFCA FILE NO. 2655-7075

CROZIER
CONSULTING ENGINEERS

Revision Number	Date	Comments
Rev. 0	August 16, 2024	Issued for 1st Submission ZBA

TABLE OF CONTENTS

LIST OF APPENDICES

1.0 Introduction

C.F. Crozier & Associates was retained to provide a tree inventory and assessment of existing trees within the property of the addresses 3403 – 3445 Fieldgate Drive as they pertain to the City of Mississauga, Region of Peel tree By-laws and Tree Preservation & Protection Standards. The site is comprised of a 1-storey commercial plaza and a standalone commercial building. To the North, there are residential apartment buildings. There is an existing gas station to the East and the site has access to Bloor Street. To the West, there is a residential neighbourhood and a community park further to the North. To the South lies more apartment buildings. The proposed use of the site will be comprised of high-rise residential condominiums with the addition of parking spaces for both residential and commercial.

Field work was completed on May 13, 2024, and this report relates to the condition of the trees as observed on that date. The report is meant to describe the health and composition of the existing trees on site, the evaluation of which will inform the Tree Management Plan.

2.0 Methodology

The following City of Mississauga and Region of Peel policies were referred to for the purposes of completing the Arborist report and Tree Preservation Plan:

- Tree Preservation & Protection Standards (2019)
- City of Mississauga Public Tree Protection By-law 0020-2022
- City of Mississauga Private Tree Protection By-law 0021-2022
- Terms of Reference: Arborist Reports, Tree Inventory/Survey & Tree Preservation Plans (September 2022)

Existing trees 10cm DBH within and adjacent (6.0m) to the development area, were inventoried and evaluated using the criteria outlined in the Tree protection Requirements guide and City/region by-laws. Existing City trees 6cm DBH and over were inventoried. The inventory was completed by an International Society of Arboriculture (ISA) Certified Arborist on May 13, 2024. The information collected during the inventory includes species name, tree ID number, DBH, general health assessment and notes on tree trunk and canopy conditions.

This inventory is summarized graphically in the Tree Inventory Plan (TPP-1) found in Appendix 3, which is to be read together with this report and shall form part of this report. For the purposes of this report, trees and groupings of trees are identified in terms of:

i. Tree number – number assigned to the tree.
ii. Tree species – common and botanical names provided.
iii. Diameter breast height (DBH) – measured in cm 1.4m above existing undisturbed grade.
iv. Crown Size – Measured as a radius in meters.
v. Tree Protection Zones – Minimum Tree Protection Zone (mTPZ).
vi. Arboricultural condition – condition of tree considering trunk integrity, crown structure and crown vigor.
vii. Ownership – Private, Neighbour, City or Shared.
viii. Directive – recommendation to preserve, Transplant, Injure or Remove.
ix. Comments – Additional information.

The following rating system was used in describing the arboricultural condition of the trees inventoried:

Good: Indicates a condition of vigor and no major concerns.
Fair: Indicates an adequate tree, which may have some minor issues.
Poor: Indicates declining health, poor form, or other more serious issues.
Dead: Indicates a dead tree that should be removed.

3.0 Summary of Trees Inventoried

The following section discusses the health and reason for removal/retention of the trees. Please refer to Appendix 1, for the tree inventory and assessment chart, which provides further information regarding each tree and to Appendix 4, for the Tree Preservation Plan identifying the locations of each tree discussed**.** The tree inventory comprised of fifty-eight (58) individual trees. Eleven (11) of the inventoried trees are considered City Right-of-Way (ROW) trees. Thirty (30) of the inventoried trees are considered Neighbour Trees. Seventeen (17) of the inventoried trees are within the property and privately owned. Photos of the inventoried trees can be found in Appendix 3.

3.1 Development Impacts/Tree Removal

A total of Eighteen (18) individual trees are being proposed for removal. The condition of the trees observed ranged from fair to dead. Twelve (12) trees are private and six (6) trees, which are City owned should be removed due to condition and impacts/conflicts with the proposed construction.

Trees to be removed due to conflicts with proposed development:

- Tree #1: Acer saccharum, 15cm DBH, poor condition.
- Tree #2: Tilia americana, 30cm DBH, poor condition.
- Tree #6: Gymnocladus dioicus, 7cm DBH, fair condition.
- Tree #7: Gymnocladus dioicus, 7cm DBH, fair condition.
- Tree #9: Tilia americana, 30cm DBH, fair condition.
- Tree #10: Acer platanoides, 15cm DBH, fair condition.
- Tree #12: Tilia americana, 12cm DBH, fair condition.
- Tree #13: Tilia americana, 50cm DBH, fair condition.
- Tree #14: Tilia americana, 50cm DBH, poor condition.
- Tree #25: Pinus Nigra, 40cm DBH, fair condition.
- Tree #26: Pinus Nigra, 42cm DBH, fair condition.
- Tree #46: Pinus resinosa, 48cm DBH, fair condition.
- Tree #47: Pinus resinosa, 32cm DBH, fair condition.
- Tree #48: Pinus resinosa, 38cm DBH, fair condition.
- Tree #50: Pinus resinosa, 38cm DBH, fair condition.
- Tree #51: Pinus resinosa, 37cm DBH, fair condition.
- Tree #57: Gleditsia triacanthos, 39cm DBH, poor condition.

Trees to be removed due to condition:

- Tree #58: standing dead tree.

3.2 Tree Retention and Protection

A total of thirty-eight (40) individual trees have been identified to be retained. five (5) are private trees, five (5) are City trees, and thirty (30) Neighbouring Trees should be protected as the proposed development should not have negative impacts on them. One of the City owned trees to be retained, will need to be transplanted in order to accommodate the proposed development and retain the tree. Refer to Appendix 1, for more information on the inventoried trees.

As these trees are being retained the establishment of a Tree Protection Zone around them is required. The purpose of the tree protection zone is to prevent root damage, soil compaction and soil contamination during construction activities and as such workers and machinery shall not disturb or move the tree protection zone in any way. To prevent damage and access to the roots, tree protection fencing, and signage should be installed as per the City of Mississauga Tree protection signage details on drawing TPP-1. The tree protection fencing shall be maintained in good condition for the duration of construction and shall not be removed until all construction activities have been completed. No fill, excavation, equipment, vehicles, supplies, or waste are permitted within the tree protection zone.

Due to the location of the trees to be retained, root pruning should not be required. In the event that any root pruning, be required to accommodate development, it is to be completed by a qualified arborist or tree care professional and must be performed in accordance with good arboricultural practices and the area backfilled with appropriate material to maintain moisture/prevent desiccation. If large roots are encountered, the construction manager should notify the Landscape Architect or Arborist immediately, to ensure proper practices are followed.

For management and quality assurance, before, during and post construction a Landscape Architect or certified Arborist (I.S.A.) should make periodic visits to ensure tree protection measures are being followed.

- Prior to construction: Tree protection fencing should be in place in accordance with the Town standards. The Landscape Architect or Arborist should be given 48-hour notice of the installation of the tree protection fencing to be able to conduct a site review to confirm that the control measures are in place.
- During Construction: Periodic site reviews are to be conducted to ensure that the tree protection fencing is in good condition and the control measures are being followed. Any root pruning or canopy trimming must be observed by a certified arborist.
- Post construction: Tree protection fencing should be removed and any additional measures to maintain tree health post construction should be undertaken under the direction of a certified arborist.

4.0 Compensation Plantings

The City of Mississauga requires one (1) compensation tree for every 15cm of DBH. The chart below indicates the number of trees being removed in fair to good condition and the required compensation trees as per the municipality. The conceptual landscape plan (LP-1), prepared by C.F. Crozier & Associates Inc., shows the proposed installation of approximately 55 trees. This is more that the required replacements and meets the City standards. Proposed new trees will be 60mm caliper if deciduous and 1.8m height if coniferous. The species will be comprised of mostly native species and non-invasives.

Table 1: Tree Removal Compensation Ratio (fair-good)

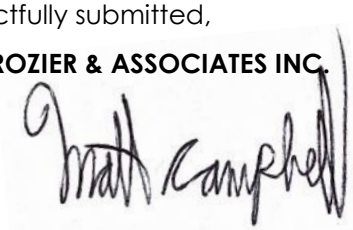
DBH (cm)	Compensation Ratio	Number of Trees Being Removed	Required Replacements
6-15	1:1	4	4
16-30	2:1	1	2
31-45	3:1	6	18
46-60	4:1	2	8
	TOTAL:	**13**	**32**

5.0 Summary and Recommendations

In total, fifty-eight (58) individual trees were inventoried and assessed. A total of eighteen (18) trees are proposed to be removed and forty (40) are to be retained. The majority of the trees are in fair condition and will be compensated for. The trees in poor condition will be removed due to condition. We have based our recommendations for the proposed retention of trees on the site plan drawings and the health and condition of the trees while assuming best practices during construction.

Respectfully submitted,

C.F. CROZIER & ASSOCIATES INC.



Matthew Campbell, OALA, CSLA, ISA Certified Arborist ON-3008A, TRAQ
Senior Contract Administrator

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APPENDIX 1

TREE INVENTORY & ASSESSMENT CHART

ID No.	Botanical Name	Common Name	DBH (cm) (Diameter at Breast Height)	Canopy Radius (m)	Condition	Tree Protection Zone (m)	Ownership	Directive	City Tree Appraisal	Comment
1	*Acer saccharum*	Sugar Maple	15	2	Poor	1.5	City	**Remove**	$900.00	Dead branches in canopy. Thinning already occurred. Remove due to condition and construction
2	*Tilia americana*	Basswood	30	4	Poor	1.8	Private	**Remove**		Dead branches in canopy. Remove due to construction
3	*Gleditsia triacanthos*	Honey Locust	7	0.75	Fair	1.2	City	Preserve	$950.00	Recenlty installed tree.
4	*Gleditsia triacanthos*	Honey Locust	7	0.75	Fair	1.2	City	Transplant	$950.00	Recenlty installed tree. Can be transplanted and re-located to save tree.
5	*Acer platanoides*	Norway Maple	25	4	Poor	1.8	City	Preserve	$1,500.00	One sided canopy overhanging road. Dead branches in canopy. Pruning of deadwood recommended.
6	*Gymnocladus dioicus*	Kentucky Coffeetree	7	0.75	Fair	1.2	City	**Remove**	$950.00	Recenlty installed tree. Remove due to condition and construction
7	*Gymnocladus dioicus*	Kentucky Coffeetree	7	0.5	Fair	1.2	City	**Remove**	$950.00	Recently installed tree. Dieback at tips of branches Remove due to condition and construction
8	*Ulmus spp.*	Elm spp.	18	4	Fair	1.5	City	Preserve	$1,700.00	
9	*Tilia americana*	Basswood	30	4.5	Fair	1.8	Private	**Remove**		Leaning to the east over parking lot.
10	*Acer platanoides*	Norway Maple	15	2	Fair	1.5	City	**Remove**	$1,300.00	Deadwood in canopy. Split in trunk from base to 2 meters above grade.
11	*Ulmus spp.*	Elm spp	32	4	Fair	2.4	City	Preserve	$4,300.00	
12	*Tilia americana*	Basswood	12	4	Fair	1.5	City	**Remove**	$950.00	Multi stem at base. 10 stems all under 12cm DBH.
13	*Tilia americana*	Basswood	50	5	Fair	3.0	City	**Remove**	$6,500.00	
14	*Tilia americana*	Basswood	50	4	Poor	3.0	Private	**Remove**		Dead wood in canopy. Main leader dead.
15	*Tilia americana*	Basswood	30	4	Fair	1.8	Neighbour	Preserve		
16	*Tilia americana*	Basswood	40	5	Fair	2.4	Neighbour	Preserve		
17	*Tilia americana*	Basswood	50	6	Fair	3.0	Neighbour	Preserve		
18	*Tilia americana*	Basswood	60	6	Fair	3.6	Neighbour	Preserve		
19	*Tilia americana*	Basswood	40	6	Fair	2.4	Neighbour	Preserve		
20	*Tilia americana*	Basswood	40	6	Fair	2.4	Neighbour	Preserve		
21	*Tilia americana*	Basswood	45	6	Fair	3.0	Neighbour	Preserve		
22	*Pinus nigra*	Austrian Pine	50	4	Poor	3.0	Neighbour	Preserve		Top of crown dead.
23	*Pinus nigra*	Austrian Pine	50	4	Fair	3.0	Neighbour	Preserve		Dead branches in canopy.
24	*Pinus nigra*	Austrian Pine	60	5	Fair	3.6	Neighbour	Preserve		
25	*Pinus nigra*	Austrian Pine	40	5	Fair	2.4	Private	**Remove**		Remove due to conflicts with propsed construction

ID No.	Botanical Name	Common Name	DBH (cm) (Diameter at Breast Height)	Canopy Radius (m)	Condition	Tree Protection Zone (m)	Ownership	Directive	City Tree Appraisal	Comment
26	*Pinus nigra*	Austrian Pine	42	5	Fair	3.0	Private	**Remove**		Thin canopy. Remove due to conflicts with propsed construction
27	*Tilia americana*	Basswood	30	3	Fair	1.8	Private	Preserve		Multi stem at base with 3 stems
28	*Pinus nigra*	Austrian Pine	23	3	Fair	1.8	Private	Preserve		
29	*Acer saccharinum*	Silver maple	59	5	Poor	3.6	Neighbour	Preserve		Dead branches in canopy. Cavity at 2 meters
30	*Pinus resinosa*	Red Pine	42	5	Fair	3.0	Neighbour	Preserve		
31	*Pinus resinosa*	Red Pine	55	6	Fair	3.6	Neighbour	Preserve		
32	*Pinus resinosa*	Red Pine	19	4	Poor	1.5	Neighbour	Preserve		Dead branches in canopy
33	*Pinus resinosa*	Red Pine	38	4	Fair	2.4	Neighbour	Preserve		
34	*Acer saccharinum*	Silver maple	32	5	Poor	2.4	Neighbour	Preserve		75% crown dead
35	*Pinus resinosa*	Red Pine	35	4	Poor	2.4	Neighbour	Preserve		Dead branches in canopy.
36	*Pinus resinosa*	Red Pine	75	6	Fair	4.8	Neighbour	Preserve		
37	*Pinus resinosa*	Red Pine	46	6	Fair	3.0	Neighbour	Preserve		
38	*Gleditsia triacanthos*	Honey Locust	26	4	Fair	1.8	Neighbour	Preserve		
39	*Pinus resinosa*	Red Pine	26	4	Fair	1.8	Private	Preserve		
40	*Pinus resinosa*	Red Pine	24	4	Poor	1.8	Private	Preserve		Thin canopy
41	*Pinus resinosa*	Red Pine	47	6	Fair	3.0	Private	Preserve		
42	*Fraxinus spp.*	Ash spp.	0	0	Dead	N/A	Neighbour	Preserve		Dead ash tree. Tree should be removed by neighbouring property owner as it is offsite.
43	*Fraxinus spp.*	Ash spp.	19	3	Poor	1.5	Neighbour	Preserve		Dying Ash
44	*Fraxinus spp.*	Ash spp.	16	2.5	Poor	1.5	Neighbour	Preserve		Dying Ash
45	*Tilia americana*	Basswood	7	1	Fair	1.2	Neighbour	Preserve		
46	*Pinus resinosa*	Red Pine	48	5	Fair	3.0	Private	**Remove**		Remove due to conflicts with propsed construction
47	*Pinus resinosa*	Red Pine	32	5	Fair	2.4	Private	**Remove**		Remove due to conflicts with propsed construction
48	*Pinus resinosa*	Red Pine	38	5	Fair	2.4	Private	**Remove**		Remove due to conflicts with propsed construction
49	*Tilia americana*	Basswood	7	1	Fair	1.2	Neighbour	Preserve		
50	*Pinus resinosa*	Red Pine	38	5	Fair	2.4	Private	**Remove**		Remove due to conflicts with propsed construction
51	*Pinus resinosa*	Red Pine	37	5	Fair	2.4	Private	**Remove**		Remove due to conflicts with propsed construction
52	*Tilia americana*	Basswood	7	1	Fair	1.2	Neighbour	Preserve		
53	*Gleditsia triacanthos*	Honey Locust	8	1.5	Fair	1.2	Neighbour	Preserve		
54	*Gleditsia triacanthos*	Honey Locust	8	0.5	Fair	1.2	Neighbour	Preserve		
55	*Gleditsia triacanthos*	Honey Locust	15	3	Fair	1.5	Neighbour	Preserve		
56	*Gleditsia triacanthos*	Honey Locust	11	1.5	Fair	1.5	Neighbour	Preserve		
57	*Gleditsia triacanthos*	Honey Locust	39	4	Poor	2.4	Private	**Remove**		Growing in sidewalk in front of building. Remove due to conflicts with construction
58	*Dead*	Dead	0	0	Dead	N/A	Private	**Remove**		Dead. Remove due to condition

APPENDIX 2

AERIAL PHOTO

AERIAL PHOTO

APPENDIX 3

TREE INVENTORY PHOTOGRAPHS

TREE ID: 1
ACTION: **Remove**

TREE ID: 2
ACTION: **Remove**

TREE ID: 3
ACTION: Preserve

TREE ID: 4
ACTION: Transplant

TREE ID: 5
ACTION: Preserve

TREE ID: 6
ACTION: **Remove**

TREE ID: 7
ACTION: **Remove**

TREE ID: 8
ACTION: Preserve

TREE ID: 9
ACTION: **Remove**

TREE ID: 10
ACTION: **Remove**

TREE ID: 11
ACTION: Preserve

TREE ID: 12
ACTION: **Remove**

TREE ID: 13
ACTION: **Remove**

TREE ID: 14
ACTION: **Remove**

TREE ID: 15 & 16
ACTION: Preserve

TREE ID: 17 & 18
ACTION: Preserve

TREE ID: 19
ACTION: Preserve

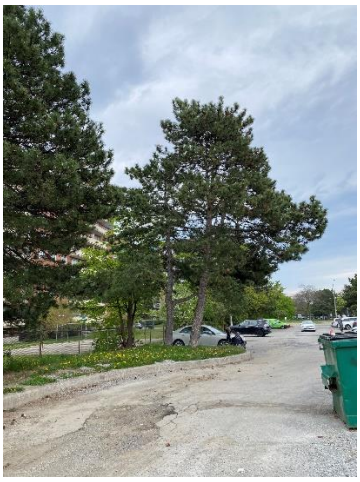
TREE ID: 20
ACTION: Preserve

TREE ID: 21
ACTION: Preserve

TREE ID: 22
ACTION: Preserve

TREE ID: 23
ACTION: Preserve

TREE ID: 24
ACTION: Preserve

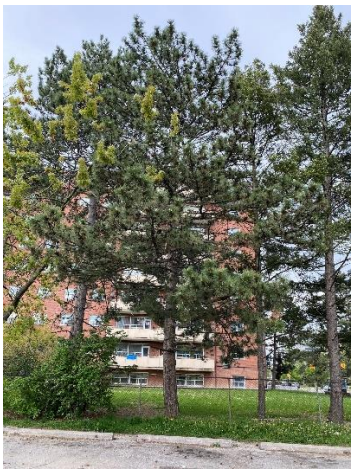


TREE ID: 25 & 26
ACTION: **Remove**

TREE ID: 27
ACTION: Preserve

TREE ID: 28
ACTION: Preserve

TREE ID: 29
ACTION: Preserve



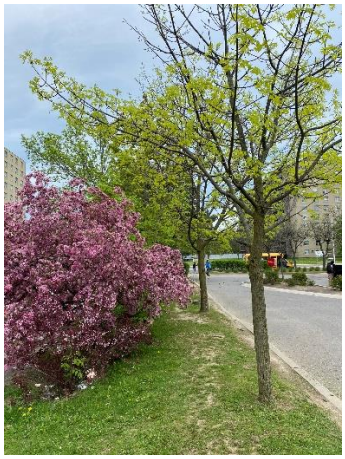
TREE ID: 30-33
ACTION: Preserve

TREE ID: 34-37
ACTION: Preserve

TREE ID: 38
ACTION: Preserve

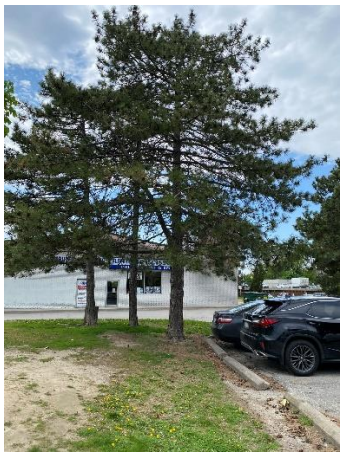
TREE ID: 39-41
ACTION: Preserve

TREE ID: 42
ACTION: Preserve



TREE ID: 43 & 44
ACTION: Preserve

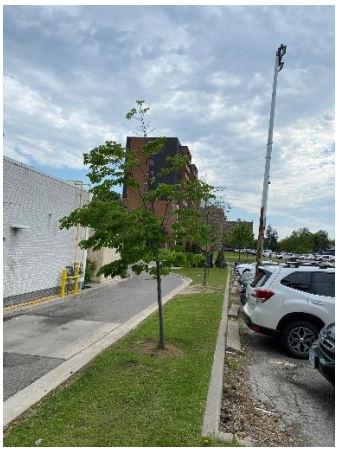
TREE ID: 45
ACTION: Preserve



TREE ID: 46-48
ACTION: **Remove**

TREE ID: 49
ACTION: Preserve

TREE ID: 50 & 51
ACTION: **Remove**



TREE ID: 52
ACTION: Preserve

TREE ID: 53
ACTION: Preserve

TREE ID: 54
ACTION: Preserve

TREE ID: 55
ACTION: Preserve

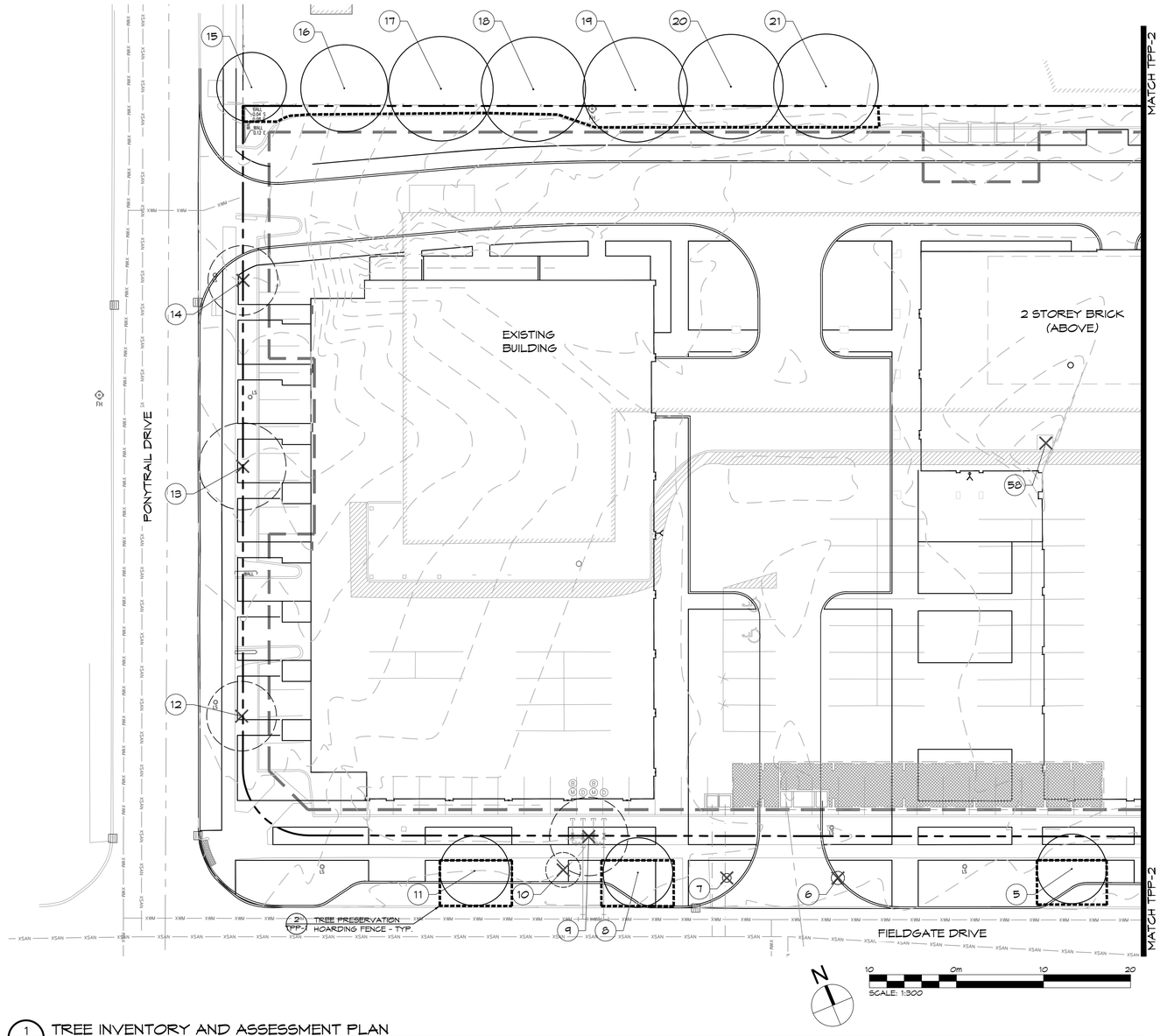
TREE ID: 56
ACTION: Preserve

TREE ID: 57
ACTION: **Remove**

TREE ID: 58
ACTION: **Remove**

APPENDIX 4

TREE PRESERVATION PLAN



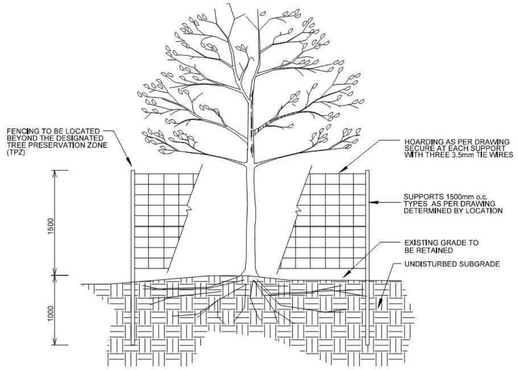
1 TPP-1 TREE INVENTORY AND ASSESSMENT PLAN

1:300

02830-1

Hoarding
Tree Preservation Hoarding
Guideline

NOTE:
TO BE USED AS A GUIDELINE ONLY. NOT TO SCALE. REMOVE CITY TITLE BLOCK AND REDRAW TO REPRESENT SITE SPECIFIC CONDITIONS. ALL SITE SPECIFIC CONDITIONS ARE TO BE CONFIRMED BY THE PROJECT CONSULTANT.



NOTES:

1. THE AREA WITHIN DESIGNATED TREE PRESERVATION ZONE OF ALL EXISTING TREES SHALL BE PROTECTED WITH HOARDING AS PER DETAIL.
2. THE AREA WITHIN THE TREE PRESERVATION ZONE HOARDING SHALL REMAIN UNDISTRUBED AND SHALL NOT BE USED FOR THE STORAGE OF MATERIALS, EQUIPMENT OR VEHICLES.
3. PRUNE BRANCHES TO REMOVE DAMAGED LIMBS, DO NOT DAMAGE LEADERS. ALL CUTS OVER 25mm SHALL BE TREATED IN ACCORDANCE WITH APPROPRIATE HORTICULTURAL PRACTICES AS APPROVED BY THE COMMUNITY SERVICES DEPARTMENT.
4. CUTTING OF ROOTS OR CHANGING OF GRADES AROUND EXISTING TREES WITHIN THE TREE PRESERVATION ZONE WILL NOT BE PERMITTED WITHOUT THE APPROVAL OF THE COMMUNITY SERVICES DEPARTMENT.
5. IF TREES ARE BEING ADVERSLY AFFECTED BY CONSTRUCTION, A WATERING AND FERTILIZING PROGRAM IS TO BE IMPLEMENTED TO THE SATISFACTION OF THE COMMUNITY SERVICES DEPARTMENT.
6. TREE PROTECTION HOARDING MAY BE REQUIRED AROUND INDIVIDUAL TREES TO REMAIN AND/OR AROUND TREE PRESERVATION ZONES AS IDENTIFIED ON THE APPROVED TREE PRESERVATION PLANS.
7. TREES IDENTIFIED FOR PRESERVATION BUT WHICH DIE, OR ARE DAMAGED BEYOND REPAIR, SHALL BE REPLACED AT THE DEVELOPERS' EXPENSE WITH A SIZE AND SPECIES OF TREE APPROVED BY THE COMMUNITY SERVICES DEPARTMENT.
8. ALL DIMENSIONS ARE IN MILLIMETERS UNLESS OTHERWISE NOTED.

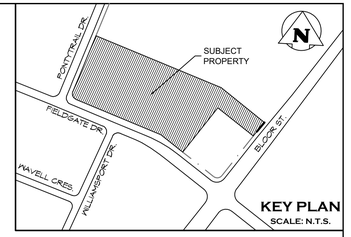
Detail: 02830-1 ORIGINAL DATE: Oct 09/15 REVISION DATE: month xx/1x MISSISSAUGA

2 TPP-1 TREE PRESERVATION HOARDING FENCE

N.T.S.

NOTES:

1. FOR SERVICING, GRADING AND DRAINAGE INFORMATION SEE ENGINEERING DRAWINGS.
2. THE CONTRACTOR SHALL CHECK AND VERIFY ALL EXISTING AND PROPOSED GRADES AND CONDITIONS OF THE PROJECT AND IMMEDIATELY REPORT ANY DISCREPANCIES TO THE CONSULTANT BEFORE PROCEEDING WITH ANY REMOVALS.
3. TREE REMOVALS SHALL CONFORM WITH THE MIGRATORY BIRDS CONVENTION ACT AND MUNICIPAL BY-LAWS.



LEGEND

- PROPERTY BOUNDARY
- TREE PROTECTION FENCE
- EXISTING FENCE
- EXISTING CHAINLINK FENCE
- EXISTING PRIVACY FENCE
- EXISTING HYDRO POLE
- EXISTING FIRE HYDRANT
- EXISTING LIGHT STANDARD
- EXISTING WATER VALVE
- EXISTING SIGN
- UNDERGROUND SERVICES - SEE ENG. DWGS
- EXISTING DECIDUOUS TREE TO BE REMOVED
- EXISTING CONIFEROUS TREE TO BE REMOVED
- EXISTING DECIDUOUS TREE TO BE RETAINED OR PROTECTED
- EXISTING CONIFEROUS TREE TO BE RETAINED OR PROTECTED
- 14 TREE ID. #

NOTES:

1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

Town

No.	ISSUE	DATE: YYYY/MM/DD
0	ISSUED FOR 1st SUBMISSION ZBA	2024/08/16

ARBORIST

CERTIFIED ARBORIST ISA

MATTHEW CAMPBELL, OALA, CSLA
CERTIFIED ARBORIST (ISA ON-3008-A)

Project

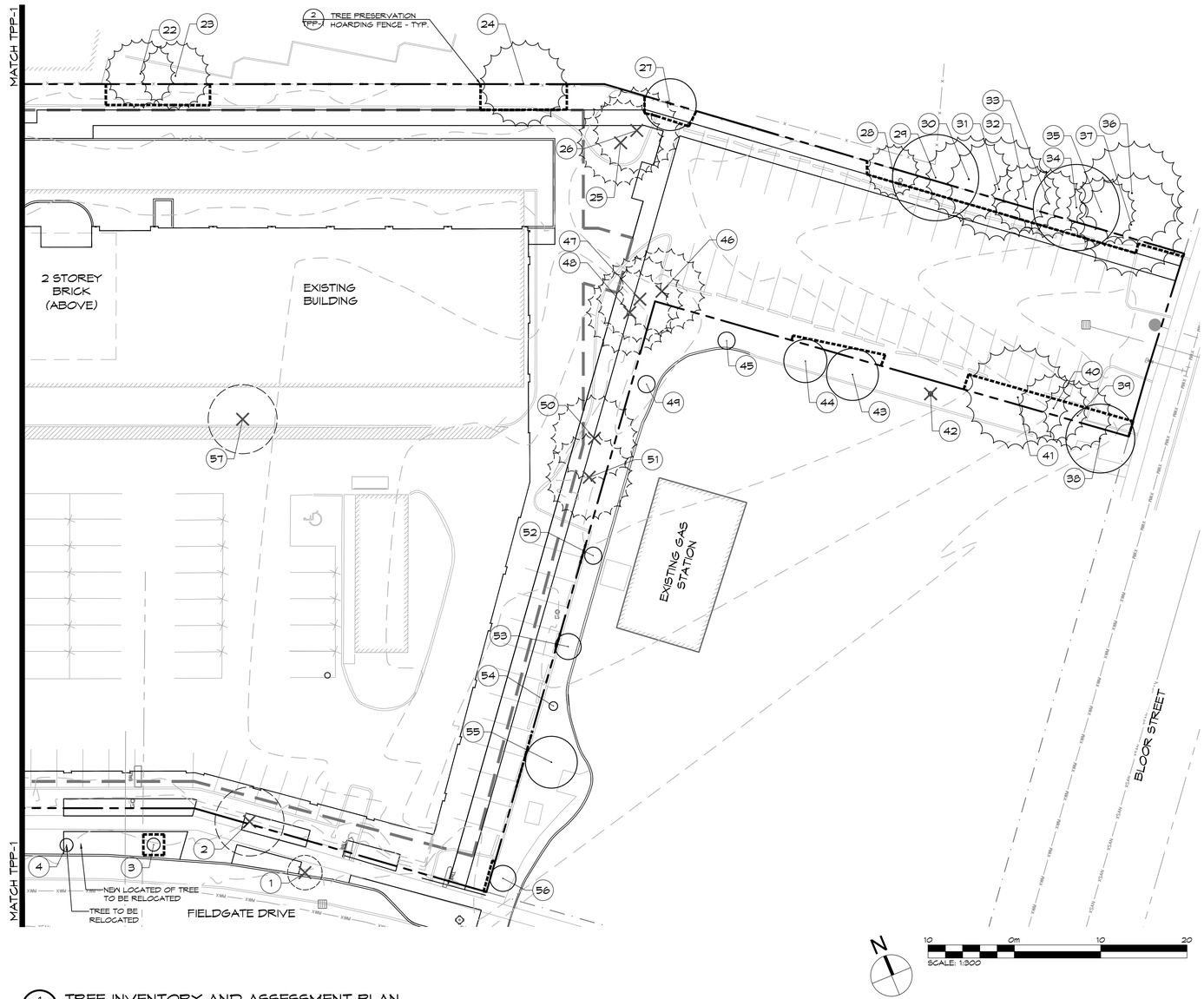
FIELDGATE PLAZA
CITY OF MISSISSAUGA

Drawing

TREE PRESERVATION PLAN

CROZIER CONSULTING ENGINEERS

Drawn By	S.Z./K.C.	Design By	K.C./S.K.	Project	2655-7075
Check By	M.C.	Check By		Drawing	TPP-1

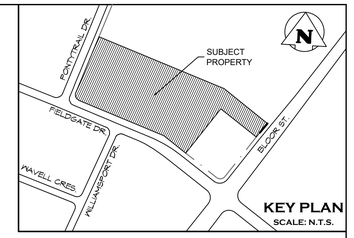


1 TPP-2 TREE INVENTORY AND ASSESSMENT PLAN

1:300

LEGEND

- PROPERTY BOUNDARY
- TREE PROTECTION FENCE
- EXISTING FENCE
- EXISTING CHAINLINK FENCE
- EXISTING PRIVACY FENCE
- EXISTING HYDRO POLE
- EXISTING FIRE HYDRANT
- EXISTING LIGHT STANDARD
- EXISTING WATER VALVE
- EXISTING SIGN
- UNDERGROUND SERVICES - SEE ENG. DWGS
- EXISTING DECIDUOUS TREE TO BE REMOVED
- EXISTING CONIFEROUS TREE TO BE REMOVED
- EXISTING DECIDUOUS TREE TO BE RETAINED OR PROTECTED
- EXISTING CONIFEROUS TREE TO BE RETAINED OR PROTECTED
- 14 — TREE ID. #



NOTES:

1. FOR SERVICING, GRADING AND DRAINAGE INFORMATION SEE ENGINEERING DRAWINGS.
2. THE CONTRACTOR SHALL CHECK AND VERIFY ALL EXISTING AND PROPOSED GRADES AND CONDITIONS OF THE PROJECT AND IMMEDIATELY REPORT ANY DISCREPANCIES TO THE CONSULTANT BEFORE PROCEEDING WITH ANY REMOVALS.
3. TREE REMOVALS SHALL CONFORM WITH THE MIGRATORY BIRDS CONVENTION ACT AND MUNICIPAL BY-LAWS.

ID No.	Botanical Name	Common Name	DBH (cm) (Diameter at Breast Height)	Canopy Radius (m)	Condition	Tree Protection Zone (m)	Ownership	Directive	Comment
1	*Acer saccharum*	Sugar Maple	15	2	Poor	1.5	City	**Remove**	Dead branches in canopy. Thinning already occurred. Remove due to condition and construction
2	*Tilia americana*	Basswood	30	4	Poor	1.8	Private	**Remove**	Dead branches in canopy. Remove due to construction
3	*Gleditsia triacanthos*	Honey Locust	7	0.75	Fair	1.2	City	Preserve	Recenity installed tree.
4	*Gleditsia triacanthos*	Honey Locust	7	0.75	Fair	1.2	City	Transplant	Recenity installed tree. Can be transplanted and re-located to save tree.
5	*Acer platanoides*	Norway Maple	25	4	Poor	1.8	City	Preserve	One sided canopy overhanging road. Dead branches in canopy. Pruning of deadwood recommended.
6	*Gymnocladus dioicus*	Kentucky Coffeetree	7	0.75	Fair	1.2	City	**Remove**	Recenity installed tree. Remove due to condition and construction
7	*Gymnocladus dioicus*	Kentucky Coffeetree	7	0.5	Fair	1.2	City	**Remove**	Recently installed tree. Dieback at tips of branches Remove due to condition and construction
8	*Ulmus spp.*	Elm spp.	18	4	Fair	1.5	City	Preserve	
9	*Tilia americana*	Basswood	30	4.5	Fair	1.8	Private	**Remove**	Leaning to the east over parking lot.
10	*Acer platanoides*	Norway Maple	15	2	Fair	1.5	City	**Remove**	Deadwood in canopy. Split in trunk from base to 2 meters above grade.
11	*Ulmus spp.*	Elm spp	32	4	Fair	2.4	City	Preserve	
12	*Tilia americana*	Basswood	12	4	Fair	1.5	City	**Remove**	Multi stem at base. 10 stems all under 12cm DBH.
13	*Tilia americana*	Basswood	50	5	Fair	3.0	City	**Remove**	
14	*Tilia americana*	Basswood	50	4	Poor	3.0	Private	**Remove**	Dead wood in canopy. Main leader dead.
15	*Tilia americana*	Basswood	30	4	Fair	1.8	Neighbour	Preserve	
16	*Tilia americana*	Basswood	40	5	Fair	2.4	Neighbour	Preserve	
17	*Tilia americana*	Basswood	50	6	Fair	3.0	Neighbour	Preserve	
18	*Tilia americana*	Basswood	60	6	Fair	3.6	Neighbour	Preserve	
19	*Tilia americana*	Basswood	40	6	Fair	2.4	Neighbour	Preserve	
20	*Tilia americana*	Basswood	40	6	Fair	2.4	Neighbour	Preserve	
21	*Tilia americana*	Basswood	45	6	Fair	3.0	Neighbour	Preserve	
22	*Pinus nigra*	Austrian Pine	50	4	Poor	3.0	Neighbour	Preserve	Top of crown dead.
23	*Pinus nigra*	Austrian Pine	50	4	Fair	3.0	Neighbour	Preserve	Dead branches in canopy.
24	*Pinus nigra*	Austrian Pine	60	5	Fair	3.6	Neighbour	Preserve	
25	*Pinus nigra*	Austrian Pine	40	5	Fair	2.4	Private	**Remove**	Remove due to conflicts with propsed construction
26	*Pinus nigra*	Austrian Pine	42	5	Fair	3.0	Private	**Remove**	Thin canopy. Remove due to conflicts with propsed construction
27	*Tilia americana*	Basswood	30	3	Fair	1.8	Private	Preserve	Multi stem at base with 3 stems
28	*Pinus nigra*	Austrian Pine	23	3	Fair	1.8	Private	Preserve	
29	*Acer saccharinum*	Silver maple	59	5	Poor	3.6	Neighbour	Preserve	Dead branches in canopy. Cavity at 2 meters
30	*Pinus resinosa*	Red Pine	42	5	Fair	3.0	Neighbour	Preserve	
31	*Pinus resinosa*	Red Pine	55	6	Fair	3.6	Neighbour	Preserve	
32	*Pinus resinosa*	Red Pine	19	4	Poor	1.5	Neighbour	Preserve	Dead branches in canopy
33	*Pinus resinosa*	Red Pine	38	4	Fair	2.4	Neighbour	Preserve	
34	*Acer saccharinum*	Silver maple	32	5	Poor	2.4	Neighbour	Preserve	75% crown dead
35	*Pinus resinosa*	Red Pine	35	4	Poor	2.4	Neighbour	Preserve	Dead branches in canopy.
36	*Pinus resinosa*	Red Pine	75	6	Fair	4.8	Neighbour	Preserve	
37	*Pinus resinosa*	Red Pine	46	6	Fair	3.0	Neighbour	Preserve	
38	*Gleditsia triacanthos*	Honey Locust	26	4	Fair	1.8	Neighbour	Preserve	
39	*Pinus resinosa*	Red Pine	26	4	Fair	1.8	Private	Preserve	
40	*Pinus resinosa*	Red Pine	24	4	Poor	1.8	Private	Preserve	Thin canopy
41	*Pinus resinosa*	Red Pine	47	6	Fair	3.0	Private	Preserve	
42	*Fraxinus spp.*	Ash spp.	0	0	Dead	N/A	Neighbour	Preserve	Dead ash tree. Tree should be removed by neighbouring property owner as it is offsite.
43	*Fraxinus spp.*	Ash spp.	19	3	Poor	1.5	Neighbour	Preserve	Dying Ash
44	*Fraxinus spp.*	Ash spp.	16	2.5	Poor	1.5	Neighbour	Preserve	Dying Ash
45	*Tilia americana*	Basswood	7	1	Fair	1.2	Neighbour	Preserve	
46	*Pinus resinosa*	Red Pine	48	5	Fair	3.0	Private	**Remove**	Remove due to conflicts with propsed construction
47	*Pinus resinosa*	Red Pine	32	5	Fair	2.4	Private	**Remove**	Remove due to conflicts with propsed construction
48	*Pinus resinosa*	Red Pine	38	5	Fair	2.4	Private	**Remove**	Remove due to conflicts with propsed construction
49	*Tilia americana*	Basswood	7	1	Fair	1.2	Neighbour	Preserve	
50	*Pinus resinosa*	Red Pine	38	5	Fair	2.4	Private	**Remove**	Remove due to conflicts with propsed construction
51	*Pinus resinosa*	Red Pine	37	5	Fair	2.4	Private	**Remove**	Remove due to conflicts with propsed construction
52	*Tilia americana*	Basswood	7	1	Fair	1.2	Neighbour	Preserve	
53	*Gleditsia triacanthos*	Honey Locust	8	1.5	Fair	1.2	Neighbour	Preserve	
54	*Gleditsia triacanthos*	Honey Locust	8	0.5	Fair	1.2	Neighbour	Preserve	
55	*Gleditsia triacanthos*	Honey Locust	15	3	Fair	1.5	Neighbour	Preserve	
56	*Gleditsia triacanthos*	Honey Locust	11	1.5	Fair	1.5	Neighbour	Preserve	
57	*Gleditsia triacanthos*	Honey Locust	39	4	Poor	2.4	Private	**Remove**	Growing in sidewalk in front of building. Remove due to conflicts with construction
58	*Dead*	Dead	0	0	Dead	N/A	Private	**Remove**	Dead. Remove due to condition

TREE INVENTORY AND ASSESSMENT CHART

NOTES:

1. ALL DIMENSIONS ARE IN METERS UNLESS OTHERWISE NOTED.

Town

No.	ISSUE	DATE: YYYY/MM/DD
0	ISSUED FOR 1st SUBMISSION ZBA	2024/08/16

ARBORIST

MATTHEW CAMPBELL, OALA, CSLA
CERTIFIED ARBORIST (ISA ON-3008-A)

Project

FIELDGATE PLAZA
CITY OF MISSISSAUGA

Drawing

TREE PRESERVATION PLAN

CROZIER CONSULTING ENGINEERS

Drawn By	S.Z./K.C.	Design By	K.C./S.K.	Project	2655-7075
Check By	M.C.	Check By		Drawing	TPP-2