



7200 Centre National Bahá'í National Centre

Tree Inventory & Assessment Report

National Bahá'í Centre of Canada and Canadian National Temple

Project Location: 7200 & 7290 Leslie Street, Markham, ON

SCI Project Number: 17069

Report Issued: 2022-01-12

R4 Issued: 2023-12-20

R1 Issued: 2022-02-10

R5 Issued: 2024-01-16

R2 Issued: 2022-10-07

Final Revision Issued: 2024-01-31

R3 Issued: 2023-07-14

Prepared for:

National Spiritual Assembly of the Bahá'ís of Canada ("NSA Bahá'ís")



Prepared by:

Anson Tam
ISA Certified Arborist
HK-1870A, TRAQ



SCHOLLEN & Company Inc.
30 Wertheim Court, Unit 15
Richmond Hill, Ontario L4B 1B9
Tel: 289-695-0009
Fax: 289-695-0010
Email: design@schollenandcompany.com

Tree Inventory & Assessment Report National Bahá'í Centre of Canada and Canadian National Temple

Project Location: 7200 & 7290 Leslie Street, Markham, ON

SCI Project Number: 17069

Final Revision Issued: 2024-01-31

TABLE OF CONTENTS

1.0	INTRODUCTION	1
2.0	SUMMARY OF ASSESSMENT	3
2.1	General Composition	3
3.0	PROTECTION, MANAGEMENT & MONITORING	5
3.1	Construction Impact Mitigation Recommendations	5
3.2	Construction Interface & Tree Protection Fencing	5
3.3	Woodland Edge Protection & Management	6
3.4	Root Pruning & Additional Protective Measures	6
4.0	COMPENSATION REQUIREMENTS	6
4.1	Compensation Planting	6
4.2	Tree Valuation	7
5.0	MIGRATORY BIRDS CONVENTION ACT	7
6.0	LIMITING TERMS AND CONDITIONS	7
7.0	LIST OF APPENDICES	8
	APPENDIX A: TREE INVENTORY & ASSESSMENT MATRIX	A1-A31
	APPENDIX B: TREE VALUATION & COMPENSATION MATRIX	B1-B18
	APPENDIX C: TREE INVENTORY & ASSESSMENT PLAN (TI-1 - TI-7)	C1-C7
	APPENDIX D: TREE PRESERVATION PLAN (TP-1 - TP-7)	D1-D7
	APPENDIX E: TREE INVENTORY PHOTO SHEETS	E1-E17

1.0 INTRODUCTION



FIGURE 1 - KEY MAP (N.T.S.)

Schollen & Company Inc. was retained by National Spiritual Assembly of the Bahá'ís of Canada (“NSA Bahá'ís”) to complete an inventory of the trees that are contained within the three Study Areas that are situated at 7200 & 7290 Leslie Street, Thornhill (Markham). The three Study Areas are illustrated on the Key Map above (Figure 1).

Study Area 1 (7200 Leslie Street) comprises approximately 1.16 hectares. The site is currently occupied by the National Bahá'í Centre of Canada and an at-grade parking lot. Approximately 70% of the property comprises open space and tree cover. The property is bounded by Leslie Street on the east, Waterloo Court on the south and the Bayview Golf & Country Club on the west. A woodland is located to the north and east of Study Area 2. The street trees that are located along the north side of Waterloo Court and west side of Leslie Street were assessed as components of Study Area 1. The existing building is proposed to be demolished and a building with at-grade and underground parking is proposed to be constructed within this area.

Study Area 2 comprises approximately 0.77 hectares. The site currently encompasses a woodlot with an existing mulched path. Approximately 90% of Study Area 2 comprises dense tree cover. Study Area 2 is bounded by a private driveway to the south and Bayview Golf & Country Club on the west. A woodland is located to the north and east of Study Area 2. Study Area 2 encompasses the site of the proposed Canadian National Temple.

Study Area 3 (7290 Leslie Street) comprises approximately 1.34 hectares. The site currently encompasses a one storey log house with a detached log garage and driveway. The property is bounded by the private driveway on the south, the edge of the woodlot to the west, and the unopened Leslie Street right-of-way/public trail on the east. The Leslie Street right-of-way is owned by the City of Markham. The existing trees that are located between the right-of-way and the eastern property line of 7290 Leslie Street were assessed as a component of Study Area 3. The existing log house and garage are proposed to be relocated north of their existing position as a component of the development of the proposed Welcome Centre. The trees that are anticipated to be impacted along the northern edge of the property have been assessed. An at-grade parking lot and trail are proposed within the Study Area 3 property.

A trail is proposed within the wooded area that will connect the proposed Welcome Centre to the proposed Canadian National Temple. The trail alignment will need to be confirmed in the field to limit the extent of required tree removals. Trees that are anticipated to be impacted by the proposed trail will be assessed in the future and an update will be made to this report as required.

The trees that were surveyed and assessed are located within and in the immediate vicinity of Study Areas 1-3. The trees that are located within the wooded area that have not been assessed in this report are to remain undisturbed.

The inventory has been prepared in support of an application for an Official Plan Amendment (OPA), Zoning By-law Amendment (ZBLA) and an application for Site Plan Approval (SPA).

The methodology for completing the tree inventory comprised the following steps:

- All trees with a DBH of 7cm or larger that are located within or adjacent to the three respective Study Areas were assessed on an individual basis by species, size and condition.
- Some dead trees were assessed as a component of this inventory. The dead trees will not require compensation for removal.
- Each tree that was inventoried was assigned a Tree Inventory Number and affixed with a numbered tag in the field. The tag numbers correspond with the numbers indicated on the Tree Inventory & Assessment Plans and Tree Preservation Plans TI-1 - TI-7 & TP-1 - TP-7 (Appendices C & D).
- Each tree between 20 & 40cm DBH that is proposed for removal will require the compensation planting of 2 trees. Trees proposed for removal that are greater than 40cm DBH will require financial compensation. Refer to the Tree Valuation & Compensation Matrix (Appendix B) for the results of the valuation exercise.

The Tree Inventory & Assessment Report and all associated field work was completed by ISA Certified Arborists Jeremy Dilks ON-2543A and Anson Tam HK-1870A. The Tree Inventory was conducted on various dates throughout February 2020, October 2021 and November 2021. Field work was temporarily paused in 2020 and 2021 due to precautions related to the ongoing COVID-19 pandemic.

The report encompasses the corresponding appendices including the Tree Inventory & Assessment Matrix (Appendix A), Tree Valuation & Compensation Matrix (Appendix B), Tree Inventory & Assessment Plans – Drawings TI-1 - TI-7 (Appendix C), Tree Preservation Plans - Drawings TP-1 - TP-7 (Appendix D) and the Tree Inventory Photo Sheets (Appendix E).

The report provides a description of, as well as specific comments related to, the form, structure, health, condition and location of each tree. In addition, the report sets out recommendations related to the potential for the preservation of the trees that are located within each of the three Study Areas. These recommendations are set out in Tree Inventory & Assessment Matrix. (Appendix A)

A topographic survey of the property was used as the basis for this assessment. The survey illustrates the locations of most of the individual trees and the dripline of trees in relation to existing buildings, structures, roads and property boundaries. In instances where inventoried trees are not illustrated on the survey, locations are shown as approximate. This information was utilized to create the Tree Inventory & Assessment Plans (TI-1 - TI-7). The Tree Inventory & Assessment Plan identifies each tree that was inventoried and delineates whether the tree is recommended to be “retained”, “injured” or “removed”.

The Tree Preservation Plans (TP-1 - TP-7) were prepared based upon the Preliminary Master Plan for the new National Centre, Canadian National Temple and Welcome Centre as a means to locate trees that are recommended to be “retained,” as well as those that are required to be “removed” due to conflicts with the proposed development. The Tree Preservation Plan identifies the Tree Protection Zones (TPZs) for the trees that are proposed to be retained and the location of the required tree protection barriers. The diameter of each TPZ within the Study Area was determined based on the City of Markham’s Tree Preservation Details.

The following summary of the assessment describes the findings and recommendations of the inventory exercise. Refer to the corresponding drawings, Tree Inventory & Preservation Plan, Drawings TI-1 - TI-7 (Appendix C) for an illustration of the location of the existing trees. Refer to the Tree Inventory & Assessment Matrix (Appendix A) for the condition, rating and recommendations related to each.

Trees within the three Study Areas were evaluated based on the following parameters:

- Structure – Trees exhibiting major limb loss, structural defects, girdling roots, rubbing branches and situational hazards were designated to have poor structure and were assigned a lower rating. Trees that exhibit some of these characteristics but appear to be otherwise structurally sound were afforded a ranking of “fair”.
- Health – Trees exhibiting crown dieback, lack of vigor, splitting, trunk cavities and/or bark loss are designated to be in poor health and were assigned a lower rating. Trees that exhibit some of these characteristics but appear to be otherwise healthy were afforded a ranking of “fair”.
- Age/Size – Larger trees were assigned a higher merit for retention than saplings or over-mature specimens.
- Conflicts with Proposed Development – Trees that will be in conflict with the proposed grading, excavation and construction will be designated to be “removed”. A Landscape Plan will be prepared with the objective of compensating for the loss of the trees that are proposed to be “removed”.

Section 3.0 of the report also sets out the recommendations for the mitigation of potential impacts that could arise throughout the duration of the construction period on trees that are designated to be retained. The report provides recommendations to ensure that tree protection measures are implemented throughout the construction period. Generally, the trees to be retained are not in conflict (or near) the proposed area of disturbance.

2.0 SUMMARY OF ASSESSMENT

Tree cover within Study Area 1 (7200 Leslie Street) comprises a mix of planted deciduous and coniferous tree species. Some of the large overstorey trees include White Pine (*Pinus strobus*), Red Oak (*Quercus rubra*) and Black Walnut (*Juglan nigra*). There is a White Spruce (*Picea glauca*) hedgerow along the southern property line that comprises trees that are in poor condition. Many of the trees within the hedgerow are dead. Most of the living trees within the hedgerow exhibit poor form. The leaders of most of the trees were removed due to conflicts with an overhead utility line. The understorey of the hedgerow and associated vegetated areas typically comprise invasive European Buckthorn (*Rhamnus cathartica*), in both shrub and tree forms. Refer to Tree Inventory & Assessment Plans TI-1 & TI-2, and Tree Preservation Plans TP-1 & TP-2 for the trees associated with Study Area 1.

The vegetation community within Study Area 2 can be characterized as a Red Pine (*Pinus resinosa*) plantation. The plantation includes Scots Pine (*Pinus sylvestris*) at a lower frequency and an understorey primarily comprising invasive European Buckthorn (*Rhamnus cathartica*) and Sugar Maple (*Acer saccharum*). The pine plantation ends where the slope goes down to the valley begins. The trees along the top of slope are predominantly mature Sugar Maple (*Acer saccharum*). Between the western edge of the woodlot and the plantation interior, the tree canopy density opens up. This area primarily comprises Black Walnut (*Juglan nigra*). There is a White Spruce (*Picea glauca*) hedgerow along the western edge of Study Area 2, adjacent to the Bayview Golf & Country Club lands. Refer to Tree Inventory & Assessment Plans TI-3, TI-4 & TI-5, and Tree Preservation Plans TP-3, TP-4 & TP-5 for the trees associated with Study Area 2.

Tree cover within Study Area 3 (7290 Leslie Street) comprises a woodlot featuring predominantly native deciduous and coniferous tree species. Some of the large overstorey trees include White Pine (*Pinus strobus*), Sugar Maple (*Acer saccharum*), Canadian Hemlock (*Tsuga canadensis*) and Black Walnut (*Juglan nigra*). The understorey of the woodlot features a mix of deciduous and coniferous native tree species and invasive European Buckthorn (*Rhamnus cathartica*), in both shrub and tree forms. Some of the trees within Study Area 3 are located on a steep slope. This Study Area includes trees that are owned by the City of Markham. Refer to Tree Inventory & Assessment Plans TI-6 & TI-7, and Tree Preservation Plans TP-6 & TP-7 for the trees associated with Study Area 3.

Each tree was assessed in the field based on the following inventory parameters:

- Tree Species - Each tree was identified and the common names and botanical names were provided.
- DBH - The size of each tree was determined by measuring the Diameter at Breast Height (in cm, measured at 1.4m above grade). A cumulative DBH was provided for trees that have multiple stems. The cumulative DBH was calculated by using the square root of all stems squared on multi-stemmed trees.
- Condition - Condition Ratings were provided for the overall health and structure of each tree. Condition ratings were assigned as Good, Fair and Poor.
- Ownership Categories - The Ownership/Regulation of each tree was identified based on the topographic survey and property delineations observed in the field.
- Notes - Additional notes/comments were provided in detail for each tree.
- Date of Assessment - The date of assessment for each tree has been specified.

2.1 General Composition

The following table provides a general description of the vegetation units found within the site, refer to the Tree Inventory & Assessment Matrix (Appendix A) for a detailed summary of the inventory and assessment.

A total of 1135 trees were inventoried. The following provides a summary of the key findings of the inventory and assessment exercise for Study Areas 1-3:

Common Name	Botanical Name	Composition of Inventoried Trees (# of Inventoried Trees)	Average Health / Condition Rating	Size Range (DBH, cm)	Comment
Sugar Maple	<i>Acer saccharum</i>	20.4% (232)	Good	7 - 97	Native deciduous tree species. Typically found as a woodlot over-storey and under-storey tree. Found in abundance throughout Study Area 2 and 3.
European Buckthorn	<i>Rhamnus cathartica</i>	20.0% (227)	Fair	7 - 33	Invasive deciduous tree species. Found in abundance throughout all 3 Study Areas.
White Spruce	<i>Picea glauca</i>	12.0% (136)	Good	7 - 59	Native coniferous tree species. Typically found in the hedgerows and in woodlots throughout all 3 Study Areas.
Eastern White Cedar	<i>Thuja occidentalis</i>	6.6% (75)	Good	<7 - 53	Native coniferous tree species. Typically found as planted hedges and in clusters throughout Study Areas 1 & 3.
Red Pine	<i>Pinus resinosa</i>	5.8% (66)	Fair-Poor	21 - 55	Native coniferous tree species. Typically found in abundance throughout the Red Pine Plantation in Study Area 2. The trees are generally in fair or poor condition.
Black Walnut	<i>Juglans nigra</i>	5.8% (66)	Good	7 - 60	Native deciduous tree species. Typically found in open areas and along forest edges throughout all 3 Study Areas.
Basswood	<i>Tilia americana</i>	3.2% (36)	Good	7 - 54	Native deciduous tree species. Typically found in woodlots as an over-storey and under-storey tree throughout Study Areas 1 & 3.
White Pine	<i>Pinus strobus</i>	2.9% (33)	Good	10 - 139	Native coniferous tree species. Typically found in open areas and woodlots throughout Study Areas 1 & 3.

- 591 trees were assigned a condition rating of 'Good.'
- 399 trees were assigned a condition rating of 'Fair.'
- 83 trees were assigned a condition rating of 'Poor.'
- 62 trees were dead.
- 524 trees were assigned Recommendation "A" - Tree to be retained.
- 158 trees were assigned Recommendation "B1" - Removal of tree required due to conflicts with proposed development and grading - 20+cm DBH. These trees are considered permit eligible and require compensation under the City of Markham's tree preservation bylaws.
- 76 trees were assigned Recommendation "B2" - Removal of tree required due to conflicts with proposed development and grading - 0-19cm DBH. These trees are not considered permit eligible and do not require compensation under the City of Markham's tree preservation bylaws.
- 27 trees were assigned Recommendation "C1" - Removal of Invasive Species recommended - 20+cm DBH. These trees are considered permit eligible and require compensation under the City of Markham's tree

preservation bylaws.

- 195 trees were assigned Recommendation “C2” - Removal of Invasive Species recommended - 0-19cm DBH. These trees are not considered permit eligible and do not require compensation under the City of Markham’s tree preservation bylaws.
- 46 trees were assigned Recommendation “D” - Removal of dead tree or tree in poor condition recommended.
- 56 trees were assigned Recommendation “E” - Tree to be retained with injury.
- 10 trees were assigned Recommendation “F” - Dead tree to remain.
- 43 inventoried trees have been removed since the tree assessment has begun.

A Landscape Plan for the development will be prepared which will illustrate the proposed compensation trees that will be planted throughout the new development. A Landscape Restoration and Enhancement Strategy has been prepared by Schollen and Company Inc. that describes the proposed restoration and compensation initiatives that are proposed to be implemented throughout the property.

3.0 PROTECTION, MANAGEMENT & MONITORING

The following recommendations are set out to direct the protection, management and monitoring of existing trees and vegetation communities that are designated to be retained to compensate for trees that are proposed to be removed.

3.1 Construction Impact Mitigation Recommendations

1. Prior to the initiation of construction, trees that have been designated to be removed should be flagged in the field by the consultant in accordance with the approved plans.
2. Prior to the initiation of construction, trees identified for removal should be removed by a qualified tree care company in accordance with the Tree Preservation Plans TP-1 - TP-7.
3. Where selective tree removal is proposed adjacent to trees to remain, trees should be felled with the objective of minimizing damage to trees that have been designated to be retained. Any branches on trees that are to be preserved that are entangled with limbs of trees that are to be removed or that are anticipated to be damaged as a result of the felling process, should be removed utilizing approved arboricultural techniques.
4. The trunks of trees to be removed should be cut off at grade. Stumps and root systems may have to be left undisturbed where their removal impacts the root systems of adjacent trees.
5. Cut wood from Manitoba Maple, Norway Maple and Buckthorn species should be removed from the site to prevent repropagation of aggressive invasive species.
6. Where advised, when aggressive species such as Manitoba Maple and Buckthorn are located in close proximity to proposed construction, cut stumps should be treated with herbicide using a wick applicator by a licensed contractor to prevent suckering and regrowth from the cut stump.

3.2 Construction Interface & Tree Protection Fencing

Where grading, servicing or site alteration is proposed on lands that are located at the interface of the proposed construction and adjacent properties, care must be taken to avoid potential impacts on trees that are located on adjacent properties. The following actions and recommendations are to be implemented with the objective of mitigating impact on trees that are located outside of the three Study Areas.

1. Tree protection fences should be installed along the proposed configuration indicated on the Tree Preservation Plans – Drawings TP-1 - TP-7. Disturbance should not encroach beyond the limit of the tree protection fence. The fences should be installed as per the Tree Protection Fence Details (T-1), City of Markham Streetscape Manual) on the Tree Preservation Plan or as otherwise approved.
2. Tree protection fences must be maintained in good repair throughout the duration of the construction period.
3. Sediment control fence may be installed along base of, or in conjunction with, the tree protection fences to prevent the migration of sediment and sediment laden runoff from the construction area. For a complete

layout of all sediment control fencing for the proposed development, refer to the development Engineer's Plans and Details.

4. Where alterations are required within the limit of the drip line, a detailed assessment of the tree should be completed by an ISA certified Arborist. Recommendation to mitigate potential impacts should be provided and the implementation or remedial measures should be undertaken under the oversight of an arborist.
5. All tree care works that are recommended including root pruning, limb removal, etc. should be implemented in advance of grading and/or servicing activities. All works should be performed by qualified tree care personnel.

3.3 Woodland Edge Protection & Management

The following actions are recommended to be implemented to facilitate the long-term protection and enhancement of the vegetation within the existing woodlot.

1. Dead and dying trees within protected vegetated areas will be retained for wildlife and habitat purposes, except where they pose a threat or risk to humans. Dead limbs within 5.0m of the edge of the woodlot should be pruned by qualified tree care professionals.
2. Debris and garbage should be removed from the development edge abutting protected vegetation areas.
3. Woody debris on the forest floor should remain for wildlife and habitat purposes.
4. The natural occurring edge vegetation should be retained within the woodlot, and at the edges of the woodlot where possible, to decrease potential impacts from wind and sun scald.
5. As part of the woodland edge management strategy, Buckthorn trees (which are invasive, thorn-bearing plants) that are within the woodlot are to be selectively removed and treated with herbicide.
6. New woodlot edge plantings are proposed to compensate for any tree and understory removals that are in conflict with the proposed development and grading.

3.4 Root Pruning & Additional Protective Measures

In some cases, disturbance within the prescribed TPZ is unavoidable. When such instances occur, additional protection measures such as root pruning should be taken as a necessary measure to prevent severe damage to existing trees root systems. The following actions and recommendations are to be implemented with the objective of mitigating the injuries that may occur on trees that are located adjacent to existing excavation.

1. Where root pruning is required, prune in a horizontal line, indicated on the Tree Preservation Plan, drawing TP-6 - TP-7.
2. Where excavation is to occur within the TPZ of trees designated to be retained, first cut the roots using a air or hydro vac, air spade or an approved equal to a depth of 1.0m.
3. Any roots that must be exposed for a period of time shall be covered by wet tarp or burlap to prevent desiccation to the roots and periodically watered to be kept moist.
4. Exposed roots shall be cut back with pruners, loppers or hand saw. Cover the wounds of the roots with compost or topsoil to prevent desiccation.
5. Tree protection fence is to be erected in line with the root pruning line.
6. No roots greater than 60mm (2.5") in diameter shall be pruned without authorization of the consulting arborist.

4.0 COMPENSATION REQUIREMENTS

DBH of Trees Removed	# of Replacement Trees Required	Financial Compensation Required
0-19cm	0	No
20-40cm	2	No

DBH of Trees Removed	# of Replacement Trees Required	Financial Compensation Required
41cm +	0	Yes, Tree Valuation Required - Reproduction Method Trunk Formula Technique 9th Edition

The City of Markham requires that trees that are proposed to be removed are compensated for in accordance with the City's Tree Protection guidelines. The City's compensation requirements are indicated below.

4.1 Compensation Planting

The total number of trees required to be planted for compensation is **258** trees. Refer to the Tree Valuation & Compensation Matrix (Appendix B) for the results of the valuation exercise.

4.2 Tree Valuation

The City of Markham requires that trees proposed to be removed that are larger than 40cm DBH are compensated for financially with a Tree Valuation. A Valuation was completed on January 16, 2024 for 42 trees that are proposed to be removed that are larger than 40cm DBH. The appraised value of the trees was calculated using the Reproduction Method Trunk Formula Technique as outlined in the Guide for Plant Appraisal 9th edition by the Council of Tree & Landscape Appraisers. The collective value of the trees was determined to be **\$283,500.00**. Refer to the Tree Valuation & Compensation Matrix (Appendix B) for an itemized summary indicating which trees require compensation.

The appraisal was determined using the Replacement Method Trunk Formula technique, as outlined in the 9th edition by the Council of Tree & Landscape Appraisers. This method was determined to be the most suitable appraisal method as it is the most dependable and readily available appraisal technique used by tree care professionals. The unit tree cost for the valuation was set at \$6.51, per the province of Ontario standard.

Subjective ratings between 0% and 100% were assigned to determine the average condition rating, site rating, contribution rating, placement rating and location rating of the Subject Tree's. Species Ratings were determined using the ISA's Appendix II Species Rating List. Inflation and additional costs (clean up, replacement tree planting, after care) were not taken into consideration when appraising the trees. This appraisal method reflects the cost of replacing the tree with readily available trees at 7cm DBH.

5.0 MIGRATORY BIRDS CONVENTION ACT

Federal legislation prohibits the destruction of nests, eggs and young birds during the migratory bird nesting period between April 1st and August 31st.

All proposed tree removals are to be conducted outside of this window. When the clearing of trees is proposed within this designated period or is proposed to occur outside of this period when nesting activities have been observed in the vicinity, inspections of the trees that are proposed to be removed must be conducted to confirm that no nests are present. These inspections should be conducted by a certified biologist.

6.0 LIMITING TERMS AND CONDITIONS

The assessment of trees presented within this report have been undertaken using industry accepted arboricultural techniques. The above-grade parts of each tree were examined and assessed visually. The trees examined were not dissected or climbed and detailed root system examinations were not performed during this assessment.

The observations documented within this report are only true for the period that the arborist was on site. This report does not include any other activity that may have occurred before or after the field work was conducted.

Since the health of the trees were assessed during the dormancy period, there may be some inaccuracy in the assigned health condition ratings due to seasonal climate constraints of assessment. It must also be acknowledged that trees are dynamic living organisms and their health and condition are always subject to change over time. Trees are bound to their environment and the health and condition of trees can be altered by drastic changes in site conditions and seasonal weather variances. All trees are prone to the possibility of failure, and the behaviour of a specific tree cannot be accurately predicted in all situations.

7.0 LIST OF APPENDICES

Appendix A – Tree Inventory and Assessment Matrix
Appendix B – Tree Valuation and Compensation Matrix
Appendix C – Tree Inventory & Assessment Plans (TI-1 - TI-7)
Appendix D – Tree Preservation Plans (TP-1 - TP-7)
Appendix E – Tree Inventory Photo Sheet

Prepared by:

Anson Tam
Consulting Arborist
Schollen & Company Inc.
ISA HK-1870A, TRAQ
647-997-7847
anson@schollenandcompany.com



APPENDIX A: TREE INVENTORY & ASSESSMENT MATRIX

SCHOLLEN & Company Inc.
National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON
 Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)
 PROJECT NO. 17069

LEGEND

(l): low, (m): moderate, (h): high severity
****DBH:** Diameter at Breast Height (1.4m off finished grade).
*****Cumulative DBH:** Calculated using square root of all stems squared on multi-stemmed trees.
***Ownership Categories**
SS1 - Tree is located within the Bahá'í National Centre Site (7200 Leslie St.)
SS2 - Tree is located within the Proposed Bahá'í Temple Site
SS3 - Tree is located within the proposed Bahá'í Welcome Centre Site (7290 Leslie St.)
L St. - Tree is owned and situated within the City of Markham road allowance (Leslie Street)
W Ct. - Tree is owned and situated within the City of Markham road allowance (Waterloo Court)
City. - Tree is owned and situated within the City of Markham park lands
Boundary - Trees with trunk(s) growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

***Recommendations**

- A** - Tree to be retained. (524 trees)
- B1** - Removal of tree required due to conflicts with proposed development and grading - 20cm+ DBH (158 trees)
- B2** - Removal of tree required due to conflicts with proposed development and grading - 0-19cm DBH (76 trees)
- C1** - Removal of Invasive Species recommended - 20cm+ DBH (27 trees)
- C2** - Removal of Invasive Species recommended - 0-19cm DBH (195 trees)
- D** - Removal of dead tree recommended. (46 trees)
- E** - Tree to be retained with injury. (56 trees)
- F** - Dead tree to remain. (10 trees)
- G** - Inventoried tree has been removed or has fallen. (43 trees)

Tree No.	Tag No.	Species		Condition Rating	DBH (cm)**	Cum. DBH (cm)***	Notes	Ownership Categories****	Date of Assessment	Recommendations *
		Botanical Name	Common Name							
1	057	Malus sp.	Apple Species	Fair	11	-	Parking island, fair vigor	SS1	Feb. 2020	B2 - Remove Dvlp
2	058	Malus sp.	Apple Species	Fair	10	-	Parking island, fair vigor	SS1	Feb. 2020	B2 - Remove Dvlp
3	059	Malus sp.	Apple Species	Fair	10	-	Parking island, fair vigor	SS1	Feb. 2020	B2 - Remove Dvlp
4	060	Malus sp.	Apple Species	Fair	10	-	Parking island, fair vigor	SS1	Feb. 2020	B2 - Remove Dvlp
5	061	Malus sp.	Apple Species	Fair	9	-	Parking island, fair vigor	SS1	Feb. 2020	B2 - Remove Dvlp
6	062	Malus sp.	Apple Species	Fair	9	-	Parking island, fair vigor	SS1	Feb. 2020	B2 - Remove Dvlp
7G	-	Thuja occidentalis	White Cedar (hedge)	Good	-	-	Tall hedge, ± 16 stems, approximately 4.50m high.	Boundary	Feb. 2020	B2 - Remove Dvlp
8	063	Rhamnus cathartica	European Buckthorn	Fair	20 9 7	23	Multistemmed tree at corner of property, heavy epicormic suckering.	Boundary	Feb. 2020	C1 - Remove Invasive
9	064	Pinus resinosa	Red Pine	Good	32	-	Located along western property line, high canopy.	SS1	Feb. 2020	E - Injure
10	065	Pinus resinosa	Red Pine	Good	34	-	Located along western property line, high canopy.	SS1	Feb. 2020	E - Injure
11	066	Picea glauca	White Spruce	Good	29	-	Located along western property line.	SS1	Feb. 2020	A - Retain
12	067	Picea glauca	White Spruce	Good	28	-	Located along western property line.	SS1	Feb. 2020	A - Retain
13	068	Pinus strobus	White Pine	Good	18	-	Located along western property line.	SS1	Feb. 2020	A - Retain
14	069	Pinus strobus	White Pine	Good	47	-	Located along western property line.	SS1	Feb. 2020	B1 - Remove Dvlp
15	070	Picea glauca	White Spruce	Good	33	-	Located along western property line.	SS1	Feb. 2020	A - Retain
16	071	Picea glauca	White Spruce	Good	33	-	Located along western property line.	SS1	Feb. 2020	A - Retain
17	072	Picea glauca	White Spruce	Good	31	-	Located along western property line.	SS1	Feb. 2020	A - Retain
18	073	Pinus resinosa	Red Pine	Fair	29	-	Located along western property line, high canopy.	SS1	Feb. 2020	E - Injure
19	074	Picea glauca	White Spruce	Good	19	-	Located along western property line, healthy tree with crooked leader.	SS1	Feb. 2020	A - Retain
20	075	Rhamnus cathartica	European Buckthorn	Fair	12 12 11 4	20	Clumped tree.	SS1	Feb. 2020	C1 - Remove Invasive
21	076	Betula papyrifera	Paper Birch	Good	30	-	Located along western property line, single stemmed.	SS1	Feb. 2020	B1 - Remove Dvlp
22	077	Crataegus sp.	Hawthorn Species	Good	12	-	Single stemmed, naturalized tree.	SS1	Feb. 2020	B2 - Remove Dvlp
23	078	Malus sp.	Apple Species	Fair	15 14	20	Codominant stems, dense internal canopy.	SS1	Feb. 2020	B1 - Remove Dvlp
24	079	Picea glauca	White Spruce	Good	21	-	Located along western property line, high canopy.	SS1	Feb. 2020	A - Retain
25	080	Acer saccharum	Sugar Maple	Good	21	-	Located along western property line.	Boundary	Feb. 2020	A - Retain
26	081	Picea glauca	White Spruce	Fair	17	-	Located along western property line.	SS1	Feb. 2020	A - Retain
27	082	Picea glauca	White Spruce	Good	38	-	Located along western property line.	SS1	Feb. 2020	A - Retain
28	083	Picea glauca	White Spruce	Fair	16	-	Located along western property line, second stem dead, high canopy.	Boundary	Feb. 2020	A - Retain
29	084	Rhamnus cathartica	European Buckthorn	Fair	18 11 5	22	Clumped tree.	Boundary	Feb. 2020	C1 - Remove Invasive
30	085	Dead Tree	-	Removed	-	-	Dead tree.	SS1	Feb. 2020	G - Removed
31	086	Dead Tree	-	Removed	-	-	Dead tree.	SS1	Feb. 2020	G - Removed
32	087	Malus sp.	Apple Species	Good	42	-	Large tree, healthy.	SS1	Feb. 2020	B1 - Remove Dvlp
33	088	Pinus resinosa	Red Pine	Good	27	-	Golf course buffer tree along western property line, high canopy.	SS1	Feb. 2020	B1 - Remove Dvlp
34	089	Dead Tree	-	Removed	-	-	Dead tree.	SS1	Feb. 2020	G - Removed

APPENDIX A: TREE INVENTORY & ASSESSMENT MATRIX

SCHOLLEN & Company Inc.
National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON
 Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)
 PROJECT NO. 17069

LEGEND

- (l): low, (m): moderate, (h): high severity
- **DBH: Diameter at Breast Height (1.4m off finished grade).
- ***Cumulative DBH: Calculated using square root of all stems squared on multi-stemmed trees.
- *Ownership Categories**
- SS1 - Tree is located within the Bahá'í National Centre Site (7200 Leslie St.)
- SS2 - Tree is located within the Proposed Bahá'í Temple Site
- SS3 - Tree is located within the proposed Bahá'í Welcome Centre Site (7290 Leslie St.)
- L St.** - Tree is owned and situated within the City of Markham road allowance (Leslie Street)
- W Ct.** - Tree is owned and situated within the City of Markham road allowance (Waterloo Court)
- City.** - Tree is owned and situated within the City of Markham park lands
- Boundary** - Trees with trunk(s) growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

- *Recommendations**
- A** - Tree to be retained. (524 trees)
- B1** - Removal of tree required due to conflicts with proposed development and grading - 20cm+ DBH (158 trees)
- B2** - Removal of tree required due to conflicts with proposed development and grading - 0-19cm DBH (76 trees)
- C1** - Removal of Invasive Species recommended - 20cm+ DBH (27 trees)
- C2** - Removal of Invasive Species recommended - 0-19cm DBH (195 trees)
- D** - Removal of dead tree recommended. (46 trees)
- E** - Tree to be retained with injury. (56 trees)
- F** - Dead tree to remain. (10 trees)
- G** - Inventoried tree has been removed or has fallen. (43 trees)

Tree No.	Tag No.	Species		Condition Rating	DBH (cm)**	Cum. DBH (cm)***	Notes	Ownership Categories****	Date of Assessment	Recommendations *
		Botanical Name	Common Name							
35	090	Rhamnus cathartica	European Buckthorn	Fair	9 8 7 7 6 6 5	18	Clumped tree.	SS1	Feb. 2020	C2 - Remove Invasive
36	1963	Acer saccharum	Sugar Maple	Good	12	-	Young tree at southwest corner of the property.	SS1	Feb. 2020	B2 - Remove Dvlp
37	-	Dead Tree	-	Removed	-	-	Dead tree.	SS1	Feb. 2020	G - Removed
38	-	Dead Tree	-	Removed	-	-	Dead tree.	SS1	Feb. 2020	G - Removed
39	091	Dead Tree	-	Removed	-	-	Dead tree.	SS1	Feb. 2020	G - Removed
40	092	Fraxinus sp.	Ash Species	Removed	10	-	Located along western property line, high canopy.	SS1	Feb. 2020	G - Removed
41	093	Rhamnus cathartica	European Buckthorn	Fair	13	-	Single stemmed, naturalized tree.	SS1	Feb. 2020	C2 - Remove Invasive
42	094	Prunus serotina	Black Cherry	Good	29	-	Tree located at southwest corner of the property, mild lean.	SS1	Feb. 2020	A - Retain
43	095	Pinus sylvestris	Scots Pine	Poor	19	-	Tree located at southwest corner of the property, curved stem.	SS1	Feb. 2020	A - Retain
44	096	Pinus sylvestris	Scots Pine	Good	35	-	Tree located along southern property line, healthy.	SS1	Feb. 2020	A - Retain
45	097	Acer saccharum	Sugar Maple	Fair	17	-	Mild damage to scaffold branches.	SS1	Feb. 2020	A - Retain
46	098	Pinus sylvestris	Scots Pine	Fair	32	-	Tree located along southern property line, healthy.	SS1	Feb. 2020	A - Retain
47	1964	Prunus serotina	Black Cherry	Good	11	-	Young tree, healthy.	SS1	Feb. 2020	A - Retain
48	099	Prunus serotina	Black Cherry	Fair	30 29	42	Tree located along southern property line, codominant stems.	Boundary	Feb. 2020	A - Retain
49	100	Rhamnus cathartica	European Buckthorn	Fair	15 8 4	17	Clumped tree.	Boundary	Feb. 2020	C2 - Remove Invasive
50	1783	Juniperus virginiana	Eastern Red Cedar	Good	10	-	Young healthy tree adjacent to parking lot.	SS1	Feb. 2020	B2 - Remove Dvlp
51	1784	Pinus strobus	White Pine	Removed	55	-	Large healthy tree with elegant form.	SS1	Feb. 2020	G - Removed
52	1785	Pinus strobus	White Pine	Removed	42	-	Large healthy tree with elegant form.	SS1	Feb. 2020	G - Removed
53	1786	Betula papyrifera	Paper Birch	Good	20 19	27	Codominant stems.	SS1	Feb. 2020	B1 - Remove Dvlp
54	1787	Pinus strobus	White Pine	Good	48	-	Large healthy tree with elegant form.	SS1	Feb. 2020	B1 - Remove Dvlp
55	1788	Acer platanoides	Norway Maple	Fair	46	-	Healthy tree adjacent to building, mild damage to trunk.	SS1	Feb. 2020	C1 - Remove Invasive
56	1789	Malus sp.	Apple Species	Fair	7	-	Young tree, adjacent to building.	SS1	Feb. 2020	B2 - Remove Dvlp
57	1790	Malus sp.	Apple Species	Fair	9	-	Young tree, adjacent to building.	SS1	Feb. 2020	B2 - Remove Dvlp
58	-	Juglans nigra	Black Walnut	Good	7	-	Young tree, adjacent to street.	SS1	Feb. 2020	B2 - Remove Dvlp
59	-	Thuja occidentalis	White Cedar (hedge)	Good	-	-	Short hedge, ± 30 stems, approximately 1.75m high.	SS1	Feb. 2020	B2 - Remove Dvlp
60	1792	Robinia pseudoacacia	Black Locust	Removed	20	-	Dense branching habit towards the top of the canopy.	SS1	Feb. 2020	G - Removed
61	1793	Robinia pseudoacacia	Black Locust	Removed	13	-	Naturalized young tree, healthy.	SS1	Feb. 2020	G - Removed
62	1794	Robinia pseudoacacia	Black Locust	Good	13	-	Naturalized young tree, healthy.	SS1	Feb. 2020	B2 - Remove Dvlp
63	1795	Robinia pseudoacacia	Black Locust	Good	53	-	Large tree along southern property line, healthy.	Boundary	Feb. 2020	A - Retain
64	1796	Picea glauca	White Spruce	Poor	21	-	Topped tree along southern property line, branching structure in conflict with low utility line.	SS1	Feb. 2020	A - Retain
65	1797	Picea glauca	White Spruce	Fair	24	-	Topped tree along southern property line, good health and vigor with poor structure.	SS1	Feb. 2020	A - Retain
66	1798	Picea glauca	White Spruce	Fair	24	-	Topped tree along southern property line, good health and vigor with fair structure, secondary stem has assumed terminal control.	SS1	Feb. 2020	A - Retain

APPENDIX A: TREE INVENTORY & ASSESSMENT MATRIX

SCHOLLEN & Company Inc.
National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON
 Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)
 PROJECT NO. 17069

LEGEND

- (l): low, (m): moderate, (h): high severity
- **DBH:** Diameter at Breast Height (1.4m off finished grade).
- ***Cumulative DBH:** Calculated using square root of all stems squared on multi-stemmed trees.
- *Ownership Categories**
- SS1** - Tree is located within the Bahá'í National Centre Site (7200 Leslie St.)
- SS2** - Tree is located within the Proposed Bahá'í Temple Site
- SS3** - Tree is located within the proposed Bahá'í Welcome Centre Site (7290 Leslie St.)
- L St.** - Tree is owned and situated within the City of Markham road allowance (Leslie Street)
- W Ct.** - Tree is owned and situated within the City of Markham road allowance (Waterloo Court)
- City.** - Tree is owned and situated within the City of Markham park lands
- Boundary** - Trees with trunk(s) growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

- *Recommendations**
- A** - Tree to be retained. (524 trees)
- B1** - Removal of tree required due to conflicts with proposed development and grading - 20cm+ DBH (158 trees)
- B2** - Removal of tree required due to conflicts with proposed development and grading - 0-19cm DBH (76 trees)
- C1** - Removal of Invasive Species recommended - 20cm+ DBH (27 trees)
- C2** - Removal of Invasive Species recommended - 0-19cm DBH (195 trees)
- D** - Removal of dead tree recommended. (46 trees)
- E** - Tree to be retained with injury. (56 trees)
- F** - Dead tree to remain. (10 trees)
- G** - Inventoried tree has been removed or has fallen. (43 trees)

Tree No.	Tag No.	Species		Condition Rating	DBH (cm)**	Cum. DBH (cm)***	Notes	Ownership Categories ****	Date of Assessment	Recommendations *
		Botanical Name	Common Name							
67	1799	Picea glauca	White Spruce	Poor	19	-	Topped tree along southern property line, tree in poor health, death imminent.	SS1	Feb. 2020	A - Retain
68	1800	Robinia pseudoacacia	Black Locust	Good	54	-	Large tree along southern property line, healthy.	Boundary	Feb. 2020	A - Retain
69	-	Dead Tree	-	Dead	-	-	Dead tree.	SS1	Feb. 2020	D - Remove Dead
70	1616	Picea glauca	White Spruce	Fair	28	-	Topped tree along southern property line, good health and vigor with poor structure.	SS1	Feb. 2020	E - Injure
71	1617	Picea glauca	White Spruce	Fair	22	-	Topped tree along southern property line, good health and vigor with poor structure.	SS1	Feb. 2020	E - Injure
72	1618	Picea glauca	White Spruce	Poor	25	-	Topped tree along southern property line, poor health and vigor with poor structure, secondary stem has assumed terminal control.	SS1	Feb. 2020	E - Injure
73	1619	Picea glauca	White Spruce	Fair	28	-	Topped tree along southern property line, good health and vigor with poor structure, secondary stem has assumed terminal control.	SS1	Feb. 2020	E - Injure
74	1966	Robinia pseudoacacia	Black Locust	Good	9	-	Naturalized young tree, healthy.	SS1	Feb. 2020	A - Retain
75	1620	Picea glauca	White Spruce	Fair	26	-	Topped tree along southern property line, good health and vigor with poor structure, secondary stem has assumed terminal control.	SS1	Feb. 2020	E - Injure
76	1621	Picea glauca	White Spruce	Fair	29	-	Topped tree along southern property line, good health and vigor with poor structure, secondary stem has assumed terminal control.	SS1	Feb. 2020	E - Injure
77	1622	Picea glauca	White Spruce	Fair	19	-	Topped tree along southern property line, good health and vigor with poor structure, secondary stem has assumed terminal control.	SS1	Feb. 2020	A - Retain
78	1623	Picea glauca	White Spruce	Fair	38	-	Topped tree along southern property line, good health and vigor with poor structure, secondary stem has assumed terminal control.	SS1	Feb. 2020	E - Injure
79	-	Dead Tree	-	Dead	-	-	Dead tree.	SS1	Feb. 2020	D - Remove Dead
80	1624	Picea glauca	White Spruce	Fair	25	-	Topped tree along southern property line, good health and vigor with poor structure, secondary stem has assumed terminal control.	SS1	Feb. 2020	A - Retain
81	1625	Picea glauca	White Spruce	Fair	33	-	Topped tree along southern property line, good health and vigor with poor structure, secondary stem has assumed terminal control.	SS1	Feb. 2020	E - Injure
82	1626	Picea glauca	White Spruce	Fair	20 16	26	Codominant stems, major lean away from utility line.	SS1	Feb. 2020	A - Retain
83	1627	Rhamnus cathartica	European Buckthorn	Good	12 11 11 9 8	23	Clumped, naturalized tree.	SS1	Feb. 2020	C1 - Remove Invasive
84	1628	Rhamnus cathartica	European Buckthorn	Good	16	-	Single stem.	SS1	Feb. 2020	C2 - Remove Invasive
85	1629	Picea glauca	White Spruce	Poor	17	-	Topped tree along southern property line, poor health and vigor with poor structure.	SS1	Feb. 2020	E - Injure
86	1630	Rhamnus cathartica	European Buckthorn	Good	27	-	Low DBH measurement taken due to low branching habit.	Boundary	Feb. 2020	C1 - Remove Invasive
87	1631	Picea glauca	White Spruce	Fair	18	-	Topped tree along southern property line, good health and vigor with poor structure.	SS1	Feb. 2020	A - Retain
88	1632	Rhamnus cathartica	European Buckthorn	Fair	16	-	Naturalized tree, single stem, growing into adjacent Spruce tree.	SS1	Feb. 2020	C2 - Remove Invasive
89	1633	Picea glauca	White Spruce	Poor	24	-	Topped tree along southern property line, fair health and vigor with poor structure.	SS1	Feb. 2020	E - Injure
90	1634	Dead Tree	-	Dead	-	-	Dead tree.	SS1	Feb. 2020	D - Remove Dead
91	1635	Picea glauca	White Spruce	Fair	26	-	Topped tree along southern property line, good health and vigor with poor structure.	SS1	Feb. 2020	E - Injure
92	1636	Picea glauca	White Spruce	Fair	29	-	Topped tree along southern property line, good health and vigor with poor structure.	SS1	Feb. 2020	E - Injure
93	1637	Picea glauca	White Spruce	Fair	28	-	Topped tree along southern property line, good health and vigor with poor structure, secondary stem has assumed terminal control.	SS1	Feb. 2020	E - Injure
94	1638	Picea glauca	White Spruce	Fair	26	-	Topped tree along southern property line, good health and vigor with poor structure.	SS1	Feb. 2020	E - Injure
95	1639	Picea glauca	White Spruce	Fair	28	-	Topped tree along southern property line, good health and vigor with poor structure.	SS1	Feb. 2020	E - Injure

APPENDIX A: TREE INVENTORY & ASSESSMENT MATRIX

SCHOLLEN & Company Inc.
National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON
 Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)
 PROJECT NO. 17069

LEGEND

- (l): low, (m): moderate, (h): high severity
- **DBH:** Diameter at Breast Height (1.4m off finished grade).
- ***Cumulative DBH:** Calculated using square root of all stems squared on multi-stemmed trees.
- *Ownership Categories**
- SS1** - Tree is located within the Bahá'í National Centre Site (7200 Leslie St.)
- SS2** - Tree is located within the Proposed Bahá'í Temple Site
- SS3** - Tree is located within the proposed Bahá'í Welcome Centre Site (7290 Leslie St.)
- L St.** - Tree is owned and situated within the City of Markham road allowance (Leslie Street)
- W Ct.** - Tree is owned and situated within the City of Markham road allowance (Waterloo Court)
- City.** - Tree is owned and situated within the City of Markham park lands
- Boundary** - Trees with trunk(s) growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

***Recommendations**

- A** - Tree to be retained. (524 trees)
- B1** - Removal of tree required due to conflicts with proposed development and grading - 20cm+ DBH (158 trees)
- B2** - Removal of tree required due to conflicts with proposed development and grading - 0-19cm DBH (76 trees)
- C1** - Removal of Invasive Species recommended - 20cm+ DBH (27 trees)
- C2** - Removal of Invasive Species recommended - 0-19cm DBH (195 trees)
- D** - Removal of dead tree recommended. (46 trees)
- E** - Tree to be retained with injury. (56 trees)
- F** - Dead tree to remain. (10 trees)
- G** - Inventoried tree has been removed or has fallen. (43 trees)

Tree No.	Tag No.	Species		Condition Rating	DBH (cm)**	Cum. DBH (cm)***	Notes	Ownership Categories****	Date of Assessment	Recommendations *
		Botanical Name	Common Name							
96	1640	Pinus strobus	White Pine	Good	67	-	Large healthy tree with elegant form, located in the planted area, east side of building.	SS1	Feb. 2020	B1 - Remove Dvlp
97	1641	Morus alba	White Mulberry	Poor	11	-	Young, naturalized tree no buds visible	SS1	Feb. 2020	B2 - Remove Dvlp
98	1642	Morus alba	White Mulberry	Poor	8	-	Young, naturalized tree no buds visible	SS1	Feb. 2020	B2 - Remove Dvlp
99	1643	Morus alba	White Mulberry	Poor	12	-	Young, naturalized tree no buds visible	SS1	Feb. 2020	B2 - Remove Dvlp
100	1644	Pinus strobus	White Pine	Good	44	-	Large healthy tree with elegant form, located in the planted area, east side of building.	SS1	Feb. 2020	B1 - Remove Dvlp
101	1645	Pinus strobus	White Pine	Good	40	-	Large healthy tree with elegant form, located in the planted area, east side of building.	SS1	Feb. 2020	B1 - Remove Dvlp
102	1646	Pinus strobus	White Pine	Good	70	-	Large healthy tree with elegant form, located in the planted area, east side of building.	SS1	Feb. 2020	B1 - Remove Dvlp
103	1647	Picea glauca	White Spruce	Good	13	-	Young healthy tree with full canopy, profuse vine growth throughout canopy.	SS1	Feb. 2020	A - Retain
104	1648	Pinus sylvestris	Scots Pine	Fair	12	-	Young tree, sparse branching and crown.	SS1	Feb. 2020	B2 - Remove Dvlp
105	1649	Quercus rubra	Red Oak	Good	26	-	Healthy tree in planted area.	SS1	Feb. 2020	B1 - Remove Dvlp
106	1650	Picea glauca	White Spruce	Good	12	-	Young healthy tree with full canopy.	SS1	Feb. 2020	B2 - Remove Dvlp
107	1651	Gleditsia triacanthos var. inermis	Thornless Honeylocust	Good	36	-	Tree located on outer edge of planted area.	SS1	Feb. 2020	B1 - Remove Dvlp
108	1652	Rhamnus cathartica	European Buckthorn	Good	20	-	Naturalized tree, low DBH taken due to low branching habit.	SS1	Feb. 2020	C1 - Remove Invasive
109	1653	Gleditsia triacanthos var. inermis	Thornless Honeylocust	Good	34	-	Tree located on outer edge of planted area.	SS1	Feb. 2020	B1 - Remove Dvlp
110	1654	Malus sp.	Apple Species	Good	14	-	Tree located on outer edge of planted area.	SS1	Feb. 2020	A - Retain
111	1655	Gleditsia triacanthos var. inermis	Thornless Honeylocust	Good	33	-	Tree located on outer edge of planted area.	SS1	Feb. 2020	A - Retain
112	1656	Syringa reticulata 'Ivory Silk'	Ivory Silk Japanese Lilac	Fair	34	-	Mature specimen tree, adjacent to patio area.	SS1	Feb. 2020	B1 - Remove Dvlp
113	1657	Rhamnus cathartica	European Buckthorn	Good	22	-	Naturalized tree, single stem.	SS1	Feb. 2020	C1 - Remove Invasive
114	1658	Picea glauca	White Spruce	Poor	36	-	Topped tree along southern property line, fair health and vigor with poor structure.	SS1	Feb. 2020	E - Injure
115	1659	Picea glauca	White Spruce	Poor	30	-	Topped tree along southern property line, fair health and vigor with poor structure, secondary stem has assumed terminal control.	SS1	Feb. 2020	E - Injure
116	1660	Picea glauca	White Spruce	Poor	23	33	Topped tree along southern property line, poor health and vigor with poor structure, codominant stems, one stem is dead.	SS1	Feb. 2020	E - Injure
117	1661	Picea glauca	White Spruce	Poor	42	-	Topped tree along southern property line, fair health and vigor with poor structure, secondary stem has assumed terminal control.	SS1	Feb. 2020	E - Injure
118	1662	Rhamnus cathartica	European Buckthorn	Poor	24	30	Naturalized tree, heavy epicormic suckering.	Boundary	Feb. 2020	C1 - Remove Invasive
119	1663	Picea glauca	White Spruce	Poor	37	-	Topped tree along southern property line, poor health and vigor with poor structure, secondary stem has assumed terminal control.	SS1	Feb. 2020	E - Injure
120	1664	Rhamnus cathartica	European Buckthorn	Poor	19	33	Clumped, tree.	Boundary	Feb. 2020	C1 - Remove Invasive
121	1665	Picea glauca	White Spruce	Poor	40	-	Topped tree along southern property line, poor health and vigor with poor structure, secondary stem has assumed terminal control.	SS1	Feb. 2020	E - Injure
122	1666	Picea glauca	White Spruce	Poor	34	-	Topped tree along southern property line, poor health and vigor with poor structure, secondary stem has assumed terminal control.	SS1	Feb. 2020	E - Injure

APPENDIX A: TREE INVENTORY & ASSESSMENT MATRIX

SCHOLLEN & Company Inc.
National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON
 Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)
 PROJECT NO. 17069

LEGEND

(l): low, (m): moderate, (h): high severity
****DBH:** Diameter at Breast Height (1.4m off finished grade).
*****Cumulative DBH:** Calculated using square root of all stems squared on multi-stemmed trees.
***Ownership Categories**
SS1 - Tree is located within the Bahá'í National Centre Site (7200 Leslie St.)
SS2 - Tree is located within the Proposed Bahá'í Temple Site
SS3 - Tree is located within the proposed Bahá'í Welcome Centre Site (7290 Leslie St.)
L St. - Tree is owned and situated within the City of Markham road allowance (Leslie Street)
W Ct. - Tree is owned and situated within the City of Markham road allowance (Waterloo Court)
City. - Tree is owned and situated within the City of Markham park lands
Boundary - Trees with trunk(s) growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

- *Recommendations**
A - Tree to be retained. (524 trees)
B1 - Removal of tree required due to conflicts with proposed development and grading - 20cm+ DBH (158 trees)
B2 - Removal of tree required due to conflicts with proposed development and grading - 0-19cm DBH (76 trees)
C1 - Removal of Invasive Species recommended - 20cm+ DBH (27 trees)
C2 - Removal of Invasive Species recommended - 0-19cm DBH (195 trees)
D - Removal of dead tree recommended. (46 trees)
E - Tree to be retained with injury. (56 trees)
F - Dead tree to remain. (10 trees)
G - Inventoried tree has been removed or has fallen. (43 trees)

Tree No.	Tag No.	Species		Condition Rating	DBH (cm)**	Cum. DBH (cm)***	Notes	Ownership Categories****	Date of Assessment	Recommendations *
		Botanical Name	Common Name							
123	1667	Picea glauca	White Spruce	Poor	24	-	Topped tree along southern property line, poor health and vigor with poor structure, secondary stem has assumed terminal control.	SS1	Feb. 2020	E - Injure
124	1668	Dead Tree	-	Dead	-	-	Dead tree.	SS1	Feb. 2020	D - Remove Dead
125	1669	Picea glauca	White Spruce	Poor	31	-	Topped tree along southern property line, poor health and vigor with poor structure, secondary stem has assumed terminal control.	SS1	Feb. 2020	E - Injure
126	1670	Picea glauca	White Spruce	Poor	28	-	Topped tree along southern property line, poor health and vigor with poor structure, secondary stem has assumed terminal control.	SS1	Feb. 2020	E - Injure
127	1671	Picea glauca	White Spruce	Fair	20	-	Topped tree along southern property line, poor health and vigor with poor structure, secondary stem has assumed terminal control.	SS1	Feb. 2020	E - Injure
128	1672	Picea glauca	White Spruce	Fair	30	-	Topped tree along southern property line, poor health and vigor with poor structure, secondary stem has assumed terminal control.	SS1	Feb. 2020	E - Injure
129	1673	Picea glauca	White Spruce	Fair	25	-	Topped tree along southern property line, poor health and vigor with poor structure, secondary stem has assumed terminal control.	SS1	Feb. 2020	E - Injure
130	1674	Dead Tree	-	Dead	-	-	Dead tree.	SS1	Feb. 2020	D - Remove Dead
131	1675	Picea glauca	White Spruce	Fair	29	-	Topped tree along southern property line, canopy has been pruned to avoid conflicts with utility line.	SS1	Feb. 2020	E - Injure
132	1674	Dead Tree	-	Dead	-	-	Dead tree.	SS1	Feb. 2020	D - Remove Dead
133	1676	Picea glauca	White Spruce	Fair	25	-	Topped tree along southern property line, canopy has been pruned to avoid conflicts with utility line.	SS1	Feb. 2020	E - Injure
134	1677	Picea glauca	White Spruce	Fair	29	-	Topped tree along southern property line, canopy has been pruned to avoid conflicts with utility line.	SS1	Feb. 2020	E - Injure
135	1678	Picea glauca	White Spruce	Fair	33	-	Topped tree along southern property line, canopy has been pruned to avoid conflicts with utility line.	SS1	Feb. 2020	E - Injure
136	1679	Dead Tree	-	Dead	-	-	Dead tree.	SS1	Feb. 2020	D - Remove Dead
137	1680	Thuja occidentalis	White Cedar	Good	28 20 13	36	Healthy, clumped tree.	SS1	Feb. 2020	B1 - Remove Dvlp
138	1681	Thuja occidentalis	White Cedar	Good	14	-	Healthy, young tree.	SS1	Feb. 2020	B2 - Remove Dvlp
139	1682	Thuja occidentalis	White Cedar	Good	27	-	Healthy, young tree.	SS1	Feb. 2020	B1 - Remove Dvlp
140	1683	Picea glauca	White Spruce	Poor	49	-	Topped tree along southern property line, low crotch at 1.50m.	SS1	Feb. 2020	E - Injure
141	1684	Rhamnus cathartica	European Buckthorn	Fair	13	-	Naturalized tree, single stem.	Boundary	Feb. 2020	C2 - Remove Invasive
142	1685	Picea glauca	White Spruce	Fair	26	-	Topped tree along southern property line.	SS1	Feb. 2020	E - Injure
143	1686	Picea glauca	White Spruce	Fair	29	-	Topped tree along southern property line, sparse canopy.	SS1	Feb. 2020	B1 - Remove Dvlp
144	1687	Picea glauca	White Spruce	Poor	33	-	Topped tree along southern property line, sparse canopy.	SS1	Feb. 2020	E - Injure
145	1688	Dead Tree	-	Dead	-	-	Dead tree.	SS1	Feb. 2020	D - Remove Dead
146	-	Dead Tree	-	Dead	-	-	Dead tree.	SS1	Feb. 2020	D - Remove Dead
147	-	Dead Tree	-	Dead	-	-	Dead tree.	SS1	Feb. 2020	D - Remove Dead
148	-	Dead Tree	-	Dead	-	-	Dead tree.	SS1	Feb. 2020	D - Remove Dead
149	-	Dead Tree	-	Dead	-	-	Dead tree.	SS1	Feb. 2020	D - Remove Dead
150	-	Dead Tree	-	Dead	-	-	Dead tree.	SS1	Feb. 2020	D - Remove Dead
151	-	Dead Tree	-	Dead	-	-	Dead tree.	SS1	Feb. 2020	D - Remove Dead
152	-	Dead Tree	-	Dead	-	-	Dead tree.	SS1	Feb. 2020	D - Remove Dead
153	1689	Dead Tree	-	Dead	-	-	Dead tree.	SS1	Feb. 2020	D - Remove Dead
154	1690	Rhamnus cathartica	European Buckthorn	Fair	24 18	30	Naturalized tree along southern property line.	Boundary	Feb. 2020	C1 - Remove Invasive
155	1691	Picea glauca	White Spruce	Fair	21	-	Topped tree along southern property line, canopy has been pruned to avoid conflicts with utility line.	SS1	Feb. 2020	B1 - Remove Dvlp
156	1692	Picea glauca	White Spruce	Fair	26	-	Topped tree along southern property line, canopy has been pruned to avoid conflicts with utility line.	SS1	Feb. 2020	B1 - Remove Dvlp

APPENDIX A: TREE INVENTORY & ASSESSMENT MATRIX

SCHOLLEN & Company Inc.
National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON
 Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)
 PROJECT NO. 17069

LEGEND

(l): low, (m): moderate, (h): high severity
****DBH:** Diameter at Breast Height (1.4m off finished grade).
*****Cumulative DBH:** Calculated using square root of all stems squared on multi-stemmed trees.
***Ownership Categories**
SS1 - Tree is located within the Bahá'í National Centre Site (7200 Leslie St.)
SS2 - Tree is located within the Proposed Bahá'í Temple Site
SS3 - Tree is located within the proposed Bahá'í Welcome Centre Site (7290 Leslie St.)
L St. - Tree is owned and situated within the City of Markham road allowance (Leslie Street)
W Ct. - Tree is owned and situated within the City of Markham road allowance (Waterloo Court)
City. - Tree is owned and situated within the City of Markham park lands
Boundary - Trees with trunk(s) growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

- *Recommendations**
A - Tree to be retained. (524 trees)
B1 - Removal of tree required due to conflicts with proposed development and grading - 20cm+ DBH (158 trees)
B2 - Removal of tree required due to conflicts with proposed development and grading - 0-19cm DBH (76 trees)
C1 - Removal of Invasive Species recommended - 20cm+ DBH (27 trees)
C2 - Removal of Invasive Species recommended - 0-19cm DBH (195 trees)
D - Removal of dead tree recommended. (46 trees)
E - Tree to be retained with injury. (56 trees)
F - Dead tree to remain. (10 trees)
G - Inventoried tree has been removed or has fallen. (43 trees)

Tree No.	Tag No.	Species		Condition Rating	DBH (cm)**	Cum. DBH (cm)***	Notes	Ownership Categories****	Date of Assessment	Recommendations *
		Botanical Name	Common Name							
157	1693	Picea glauca	White Spruce	Fair	28 28	39	Topped tree along southern property line, canopy has been pruned to avoid conflicts with utility line, codominant stems.	SS1	Feb. 2020	B1 - Remove Dvlp
158	-	Dead Tree	-	Dead	-	-	Dead tree.	SS1	Feb. 2020	D - Remove Dead
159	-	Dead Tree	-	Dead	-	-	Dead tree.	SS1	Feb. 2020	D - Remove Dead
160	1694	Rhamnus cathartica	European Buckthorn	Poor	18 9	20	Naturalized tree, single stem, heavy epicormic branching.	Boundary	Feb. 2020	C1 - Remove Invasive
161	1695	Picea glauca	White Spruce	Fair	34	-	Tree along southern property line.	SS1	Feb. 2020	B1 - Remove Dvlp
162	-	Dead Tree	-	Dead	-	-	Dead tree.	SS1	Feb. 2020	D - Remove Dead
163	-	Dead Tree	-	Removed	-	-	Dead tree.	SS1	Feb. 2020	G - Removed
164	1696	Rhamnus cathartica	European Buckthorn	Fair	10 10	14	Clumped, naturalized tree at southeast corner of property.	Boundary	Feb. 2020	C2 - Remove Invasive
165	1697	Rhamnus cathartica	European Buckthorn	Poor	10 10 8	16	Clumped, naturalized tree at southeast corner of property.	Boundary	Feb. 2020	C2 - Remove Invasive
166	1698	Rhamnus cathartica	European Buckthorn	Fair	10	-	Clumped, single stemmed tree at southeast corner of property.	SS1	Feb. 2020	C2 - Remove Invasive
167	1699	Rhamnus cathartica	European Buckthorn	Fair	11	-	Clumped, single stemmed tree at southeast corner of property.	SS1	Feb. 2020	C2 - Remove Invasive
168	1700	Rhamnus cathartica	European Buckthorn	Fair	12 11	17	Clumped, naturalized tree at southeast corner of property.	SS1	Feb. 2020	C2 - Remove Invasive
169	1801	Aesculus hippocastanum	European Horsechestnut	Good	38	-	Healthy specimen tree, located at the central lawn.	SS1	Feb. 2020	B1 - Remove Dvlp
170	1802	Juglans nigra	Black Walnut	Good	19	-	Healthy young tree, located in southern planted area.	SS1	Feb. 2020	B2 - Remove Dvlp
171	1803	Gleditsia triacanthos var. inermis	Thornless Honeylocust	Good	31	-	Healthy tree, located in southern planted area.	SS1	Feb. 2020	B1 - Remove Dvlp
172	1804	Thuja occidentalis	White Cedar	Good	26 19	32	Healthy tree, located in southern planted area, codominant stems.	SS1	Feb. 2020	B1 - Remove Dvlp
173	1805	Thuja occidentalis	White Cedar	Good	33	-	Healthy tree, located in southern planted area.	SS1	Feb. 2020	B1 - Remove Dvlp
174	1806	Thuja occidentalis	White Cedar	Good	37 25 20 20	53	Healthy tree, located in southern planted area, clumped.	SS1	Feb. 2020	B1 - Remove Dvlp
175	1807	Thuja occidentalis	White Cedar	Good	27 12 11	31	Healthy tree, located in southern planted area, clumped.	SS1	Feb. 2020	B1 - Remove Dvlp
176	1808	Thuja occidentalis	White Cedar	Good	32	-	Healthy tree, located in southern planted area.	SS1	Feb. 2020	B1 - Remove Dvlp
177	1809	Gleditsia triacanthos var. inermis	Thornless Honeylocust	Good	39	-	Healthy tree, located in southern planted area.	SS1	Feb. 2020	B1 - Remove Dvlp
178	1810	Thuja occidentalis	White Cedar	Good	14 13	19	Healthy tree, located in southern planted area.	SS1	Feb. 2020	B2 - Remove Dvlp
179	1811	Acer negundo	Manitoba Maple	Good	19	-	Healthy tree, located in southern planted area, female tree, prolific seeding.	SS1	Feb. 2020	C2 - Remove Invasive
180	1812	Malus sp.	Apple Species	Poor	24	-	Crabapple stand, low DBH measurement taken due to low branching habit, poor vigor	SS1	Feb. 2020	B1 - Remove Dvlp
181	1813	Malus sp.	Apple Species	Poor	25	-	Crabapple stand, low DBH measurement taken due to low branching habit, poor vigor	SS1	Feb. 2020	B1 - Remove Dvlp
182	1814	Malus sp.	Apple Species	Poor	22	-	Crabapple stand, low DBH measurement taken due to low branching habit, poor vigor	SS1	Feb. 2020	B1 - Remove Dvlp
183	1815	Malus sp.	Apple Species	Poor	28	-	Crabapple stand, low DBH measurement taken due to low branching habit, poor vigor	SS1	Feb. 2020	B1 - Remove Dvlp
184	1816	Juniperus virginiana	Eastern Red Cedar	Good	14	-	Healthy young tree, located in southern planted area.	SS1	Feb. 2020	B2 - Remove Dvlp

APPENDIX A: TREE INVENTORY & ASSESSMENT MATRIX

SCHOLLEN & Company Inc.
National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON
 Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)
 PROJECT NO. 17069

LEGEND

- (l): low, (m): moderate, (h): high severity
- **DBH: Diameter at Breast Height (1.4m off finished grade).
- ***Cumulative DBH: Calculated using square root of all stems squared on multi-stemmed trees.
- *Ownership Categories
- SS1 - Tree is located within the Bahá'í National Centre Site (7200 Leslie St.)
- SS2 - Tree is located within the Proposed Bahá'í Temple Site
- SS3 - Tree is located within the proposed Bahá'í Welcome Centre Site (7290 Leslie St.)
- L St. - Tree is owned and situated within the City of Markham road allowance (Leslie Street)
- W Ct. - Tree is owned and situated within the City of Markham road allowance (Waterloo Court)
- City. - Tree is owned and situated within the City of Markham park lands
- Boundary - Trees with trunk(s) growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

***Recommendations**

- A - Tree to be retained. (524 trees)
- B1 - Removal of tree required due to conflicts with proposed development and grading - 20cm+ DBH (158 trees)
- B2 - Removal of tree required due to conflicts with proposed development and grading - 0-19cm DBH (76 trees)
- C1 - Removal of Invasive Species recommended - 20cm+ DBH (27 trees)
- C2 - Removal of Invasive Species recommended - 0-19cm DBH (195 trees)
- D - Removal of dead tree recommended. (46 trees)
- E - Tree to be retained with injury. (56 trees)
- F - Dead tree to remain. (10 trees)
- G - Inventoried tree has been removed or has fallen. (43 trees)

Tree No.	Tag No.	Species		Condition Rating	DBH (cm)**	Cum. DBH (cm)***	Notes	Ownership Categories****	Date of Assessment	Recommendations *
		Botanical Name	Common Name							
185	1817	Gleditsia triacanthos var. inermis	Thornless Honeylocust	Good	39	-	Healthy tree, located in southern planted area.	SS1	Feb. 2020	B1 - Remove Dvlp
186	1818	Juniperus virginiana	Eastern Red Cedar	Good	22	-	Healthy tree, located in southern planted area.	SS1	Feb. 2020	B1 - Remove Dvlp
187	1819	Chamaecyparis sp.	Cypress Species	Good	12	-	Healthy tree, located in southern planted area.	SS1	Feb. 2020	B2 - Remove Dvlp
188	1820	Gleditsia triacanthos var. inermis	Thornless Honeylocust	Good	37	-	Healthy tree, located in southern planted area.	SS1	Feb. 2020	B1 - Remove Dvlp
189	1821	Acer saccharum	Sugar Maple	Good	18	-	Healthy tree, located just off of southern property line.	W Ct.	Feb. 2020	A - Retain
190	1822	Morus alba 'Pendula'	Weeping White Mulberry	Fair	19	-	2m off southern property line, dense crown on south side of tree, north side lacks vigor.	W Ct.	Feb. 2020	A - Retain
191	1823	Acer saccharum	Sugar Maple	Fair	16	-	Tree growing through chainlink fence, emerging off property, stem is being girdled by chainlink.	Boundary	Feb. 2020	A - Retain
192	1824	Acer negundo	Manitoba Maple	Fair	17	-	2m off southern property line, heavy epicormic suckering at base.	W Ct.	Feb. 2020	A - Retain
193	1825	Morus alba 'Pendula'	Weeping White Mulberry	Fair	20	-	2m off southern property line, dense crown on south side of tree, north side lacks vigor.	W Ct.	Feb. 2020	A - Retain
194	1826	Morus alba	White Mulberry	Good	16	-	1m off southern property line.	W Ct.	Feb. 2020	A - Retain
195	1827	Morus alba 'Pendula'	Weeping White Mulberry	Poor	23	-	2m off southern property line, dense crown on south side of tree, north side lacks vigor, emergence holes and decay evident.	W Ct.	Feb. 2020	A - Retain
196	1828	Morus alba 'Pendula'	Weeping White Mulberry	Poor	25	-	2m off southern property line, dense crown on south side of tree, north side lacks vigor.	W Ct.	Feb. 2020	A - Retain
197	1829	Rhamnus cathartica	European Buckthorn	Fair	18	-	Low branching tree at top of retaining wall.	W Ct.	Feb. 2020	A - Retain
198	-	Poplar sp.	Poplar Species	Good	25	-	Healthy tree at top of retaining wall, columnar form.	W Ct.	Feb. 2020	A - Retain
199	-	Pyrus calleryana sp.	Ornamental Pear Species	Fair	11	-	Ornamental pear species at top of retaining wall.	W Ct.	Feb. 2020	A - Retain
200	1830	Pinus strobus	White Pine	Good	30	-	1m off eastern property line, street tree, adjacent to utility pole.	L St.	Feb. 2020	B1 - Remove Dvlp
201	1831	Pinus strobus	White Pine	Good	35	-	1m off eastern property line, street tree, healthy.	L St.	Feb. 2020	B1 - Remove Dvlp
202	1832	Pinus strobus	White Pine	Good	54	-	1m off eastern property line, street tree, large branches have been pruned, scars leaking sap.	L St.	Feb. 2020	B1 - Remove Dvlp
203	1833	Pinus resinosa	Red Pine	Good	31	-	Healthy tree, located at southeast corner of property.	SS1	Feb. 2020	B1 - Remove Dvlp
204	1834	Pinus resinosa	Red Pine	Fair	33	-	Tree located at southeast corner of property, codominant branching habit begins at 2m, 3 stems.	SS1	Feb. 2020	B1 - Remove Dvlp
205	1835	Pinus resinosa	Red Pine	Fair	25	34	Clumped tree originates at 1m, poor form.	SS1	Feb. 2020	B1 - Remove Dvlp
					17					
					15					
206	1836	Pinus resinosa	Red Pine	Good	43	-	Large tree along eastern property line, healthy.	SS1	Feb. 2020	B1 - Remove Dvlp
207	1837	Juniperus virginiana	Eastern Red Cedar	Good	10	-	Young tree along eastern property line.	SS1	Feb. 2020	B2 - Remove Dvlp
208	1838	Gleditsia triacanthos var. inermis	Thornless Honeylocust	Good	41	-	Tree located along eastern property line.	SS1	Feb. 2020	B1 - Remove Dvlp
209	1840	Juniperus virginiana	Eastern Red Cedar	Good	13	-	Young tree along eastern property line.	SS1	Feb. 2020	B2 - Remove Dvlp
210	1841	Juniperus sp.	Juniper species	Good	12	-	Young tree along eastern property line.	SS1	Feb. 2020	B2 - Remove Dvlp
211	1842	Pinus resinosa	Red Pine	Fair	55	-	Large tree along eastern property line, dense branching habit, good health and vigor with poor structure.	SS1	Feb. 2020	B1 - Remove Dvlp
212	1843	Quercus rubra	Red Oak	Good	82	-	Large, healthy specimen tree at site entrance, along north property line.	SS1	Feb. 2020	A - Retain
213	1844	Quercus rubra	Red Oak	Good	27	-	Healthy tree along north property line.	SS1	Feb. 2020	A - Retain
214	1845	Quercus rubra	Red Oak	Good	36	-	Healthy tree along north property line.	SS1	Feb. 2020	A - Retain
215	1846	Sorbus sp.	Mountain Ash species	Good	26	-	Healthy tree along north property line.	SS1	Feb. 2020	A - Retain
216	1847	Pinus strobus	White Pine	Good	73	-	Large, healthy tree along north property line.	SS1	Feb. 2020	A - Retain
217	1848	Quercus rubra	Red Oak	Good	68	-	Large, healthy tree along north property line.	SS1	Feb. 2020	A - Retain
218	1849	Thuja occidentalis	White Cedar	Good	36	52	Dense planting cluster adjacent to road.	SS1	Feb. 2020	A - Retain
					26					
					20					
					19					

APPENDIX A: TREE INVENTORY & ASSESSMENT MATRIX

SCHOLLEN & Company Inc.
National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON
 Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)
 PROJECT NO. 17069

LEGEND

(l): low, (m): moderate, (h): high severity
****DBH:** Diameter at Breast Height (1.4m off finished grade).
*****Cumulative DBH:** Calculated using square root of all stems squared on multi-stemmed trees.
***Ownership Categories**
SS1 - Tree is located within the Bahá'í National Centre Site (7200 Leslie St.)
SS2 - Tree is located within the Proposed Bahá'í Temple Site
SS3 - Tree is located within the proposed Bahá'í Welcome Centre Site (7290 Leslie St.)
L St. - Tree is owned and situated within the City of Markham road allowance (Leslie Street)
W Ct. - Tree is owned and situated within the City of Markham road allowance (Waterloo Court)
City. - Tree is owned and situated within the City of Markham park lands
Boundary - Trees with trunk(s) growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

- *Recommendations**
A - Tree to be retained. (524 trees)
B1 - Removal of tree required due to conflicts with proposed development and grading - 20cm+ DBH (158 trees)
B2 - Removal of tree required due to conflicts with proposed development and grading - 0-19cm DBH (76 trees)
C1 - Removal of Invasive Species recommended - 20cm+ DBH (27 trees)
C2 - Removal of Invasive Species recommended - 0-19cm DBH (195 trees)
D - Removal of dead tree recommended. (46 trees)
E - Tree to be retained with injury. (56 trees)
F - Dead tree to remain. (10 trees)
G - Inventoried tree has been removed or has fallen. (43 trees)

Tree No.	Tag No.	Species		Condition Rating	DBH (cm)**	Cum. DBH (cm)***	Notes	Ownership Categories****	Date of Assessment	Recommendations *
		Botanical Name	Common Name							
219	1850	Thuja occidentalis	White Cedar	Good	34 15	37	Dense planting cluster adjacent to road.	SS1	Feb. 2020	A - Retain
220	1851	Thuja occidentalis	White Cedar	Good	41	-	Dense planting cluster adjacent to road.	SS1	Feb. 2020	A - Retain
221	1852	Thuja occidentalis	White Cedar	Good	23	-	Dense planting cluster adjacent to road.	SS1	Feb. 2020	A - Retain
222	1853	Pinus strobus	White Pine	Good	60	-	Dense planting cluster adjacent to road.	SS1	Feb. 2020	A - Retain
223	1854	Thuja occidentalis	White Cedar	Good	12	-	Dense planting cluster adjacent to road.	SS1	Feb. 2020	A - Retain
224	1855	Thuja occidentalis	White Cedar	Good	25 15	29	Dense planting cluster adjacent to road.	SS1	Feb. 2020	B1 - Remove Dvlp
225	1856	Acer negundo	Manitoba Maple	Good	10	-	Young, naturalized tree.	SS1	Feb. 2020	A - Retain
226	1857	Gleditsia triacanthos var. inermis	Thornless Honeylocust	Good	31	-	Dense planting cluster adjacent to road, low branching habit.	SS1	Feb. 2020	B1 - Remove Dvlp
227	1858	Juglans nigra	Black Walnut	Good	18 11	21	Tree located along northern property line, adjacent to road, codominant stems.	SS1	Feb. 2020	B1 - Remove Dvlp
228	1859	Gleditsia triacanthos var. inermis	Thornless Honeylocust	Good	35	-	Tree located along northern property line, adjacent to road.	SS1	Feb. 2020	B1 - Remove Dvlp
229	1860	Juglans nigra	Black Walnut	Good	10	-	Young tree adjacent to road.	SS1	Feb. 2020	B2 - Remove Dvlp
230	1861	Juglans nigra	Black Walnut	Good	17 16 14 12	30	Clumped tree adjacent to road.	SS1	Feb. 2020	B1 - Remove Dvlp
231	1862	Gleditsia triacanthos var. inermis	Thornless Honeylocust	Good	26	-	Tree adjacent to road.	SS1	Feb. 2020	B1 - Remove Dvlp
232	1863	Juglans nigra	Black Walnut	Poor	44	-	Tree adjacent to road.	SS1	Feb. 2020	B1 - Remove Dvlp
233	1864	Juglans nigra	Black Walnut	Good	49	-	Large shade tree adjacent to building.	SS1	Feb. 2020	B1 - Remove Dvlp
234	1865	Juglans nigra	Black Walnut	Good	8	-	Young tree adjacent to road.	SS1	Feb. 2020	B2 - Remove Dvlp
235	1867	Dead Tree	-	Dead	-	-	Dead tree.	SS2	Oct. 2021	D - Remove Dead
236	1868	Rhamnus cathartica	European Buckthorn	Fair	7	-	Woodlot edge	SS2	Oct. 2021	C2 - Remove Invasive
237	1869	Rhamnus cathartica	European Buckthorn	Fair	8 8	11.00	Woodlot edge	SS2	Oct. 2021	C2 - Remove Invasive
238	1870	Quercus rubra	Red Oak	Good	19	-	Woodlot edge, healthy	SS2	Oct. 2021	B2 - Remove Dvlp
239	1871	Picea glauca	White Spruce	Poor	5	-	Woodlot edge, 60% dead wood	SS2	Oct. 2021	B2 - Remove Dvlp
240	1872	Picea glauca	White Spruce	Poor	9	-	Woodlot edge, 40% dead wood	SS2	Oct. 2021	B2 - Remove Dvlp
241	1873	Dead Tree	-	Dead	-	-	Dead tree.	SS2	Oct. 2021	D - Remove Dead
242	1874	Dead Tree	-	Dead	-	-	Dead tree.	SS2	Oct. 2021	D - Remove Dead
243	1875	Dead Tree	-	Dead	-	-	Dead tree.	SS2	Oct. 2021	D - Remove Dead
244	1876	Malus sp.	Apple Species	Poor	33	-	Woodlot edge, lean (m), cavity in trunk	Boundary	Oct. 2021	B1 - Remove Dvlp
245	1877	Picea glauca	White Spruce	Removed	34	-	Woodlot edge, 50% dead wood	SS2	Oct. 2021	G - Removed
246	1878	Juglans nigra	Black Walnut	Good	36	-	Woodlot edge, healthy	SS2	Oct. 2021	B1 - Remove Dvlp
247	1879	Rhamnus cathartica	European Buckthorn	Good	12 10	16	Woodlot edge, at fence line	Boundary	Oct. 2021	C2 - Remove Invasive
248	1880	Picea glauca	White Spruce	Removed	25	-	Woodlot edge, 50% dead wood	SS2	Oct. 2021	G - Removed
249	1881	Rhus typhina	Staghorn Sumac	Removed	10	-	Woodlot edge, lean (s)	SS2	Oct. 2021	G - Removed

APPENDIX A: TREE INVENTORY & ASSESSMENT MATRIX

SCHOLLEN & Company Inc.

National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON

Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)

PROJECT NO. 17069

LEGEND

(l): low, (m): moderate, (h): high severity

****DBH:** Diameter at Breast Height (1.4m off finished grade).

*****Cumulative DBH:** Calculated using square root of all stems squared on multi-stemmed trees.

***Ownership Categories**

SS1 - Tree is located within the Bahá'í National Centre Site (7200 Leslie St.)

SS2 - Tree is located within the Proposed Bahá'í Temple Site

SS3 - Tree is located within the proposed Bahá'í Welcome Centre Site (7290 Leslie St.)

L St. - Tree is owned and situated within the City of Markham road allowance (Leslie Street)

W Ct. - Tree is owned and situated within the City of Markham road allowance (Waterloo Court)

City. - Tree is owned and situated within the City of Markham park lands

Boundary - Trees with trunk(s) growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

***Recommendations**

A - Tree to be retained. (524 trees)

B1 - Removal of tree required due to conflicts with proposed development and grading - 20cm+ DBH (158 trees)

B2 - Removal of tree required due to conflicts with proposed development and grading - 0-19cm DBH (76 trees)

C1 - Removal of Invasive Species recommended - 20cm+ DBH (27 trees)

C2 - Removal of Invasive Species recommended - 0-19cm DBH (195 trees)

D - Removal of dead tree recommended. (46 trees)

E - Tree to be retained with injury. (56 trees)

F - Dead tree to remain. (10 trees)

G - Inventoried tree has been removed or has fallen. (43 trees)

Tree No.	Tag No.	Species		Condition Rating	DBH (cm)**	Cum. DBH (cm)***	Notes	Ownership Categories****	Date of Assessment	Recommendations *
		Botanical Name	Common Name							
250	1882	Rhamnus cathartica	European Buckthorn	Fair	9	10	Woodlot edge	Boundary	Oct. 2021	C2 - Remove Invasive
251	1883	Rhamnus cathartica	European Buckthorn	Fair	9	11	Woodlot edge	SS2	Oct. 2021	C2 - Remove Invasive
252	1884	Rhamnus cathartica	European Buckthorn	Fair	8	-	Woodlot edge	SS2	Oct. 2021	C2 - Remove Invasive
253	1885	Rhamnus cathartica	European Buckthorn	Fair	14	16	Woodlot edge	Boundary	Oct. 2021	C2 - Remove Invasive
254	1886	Picea glauca	White Spruce	Fair	44	59	Woodlot edge, union at 1.2m, second stem failed	SS2	Oct. 2021	B1 - Remove Dvlp
255	1887	Rhamnus cathartica	European Buckthorn	Fair	12	-	Woodlot edge	SS2	Oct. 2021	C2 - Remove Invasive
256	1888	Acer platanoides	Norway Maple	Good	27	-	Woodlot edge, healthy	SS2	Oct. 2021	C1 - Remove Invasive
257	1889	Picea glauca	White Spruce	Good	41	-	Woodlot edge, healthy	SS2	Oct. 2021	B1 - Remove Dvlp
258	1890	Rhamnus cathartica	European Buckthorn	Fair	7	-	Woodlot edge	SS2	Oct. 2021	C2 - Remove Invasive
259	1891	Rhamnus cathartica	European Buckthorn	Fair	7	-	Woodlot edge	SS2	Oct. 2021	C2 - Remove Invasive
260	1892	Dead Tree	-	Dead	-	-	Dead tree.	SS2	Oct. 2021	D - Remove Dead
261	1893	Rhamnus cathartica	European Buckthorn	Fair	8	-	Woodlot edge	SS2	Oct. 2021	C2 - Remove Invasive
262	1894	Rhamnus cathartica	European Buckthorn	Fair	19	25	Woodlot edge	SS2	Oct. 2021	C1 - Remove Invasive
263	1895	Thuja occidentalis	Eastern White Cedar	Fair	7	10	Woodlot edge, profuse vine growth throught canopy	SS2	Oct. 2021	B2 - Remove Dvlp
264	1896	Thuja occidentalis	Eastern White Cedar	Fair	6	-	Woodlot edge, profuse vine growth throught canopy	SS2	Oct. 2021	B2 - Remove Dvlp
265	1897	Acer negundo	Manitoba Maple	Fair	29	-	Woodlot edge, poor form, good vigor, 10% dead wood	SS2	Oct. 2021	C1 - Remove Invasive
266	1898	Juglans nigra	Black Walnut	Good	41	-	Woodlot edge, healthy	SS2	Oct. 2021	B1 - Remove Dvlp
267	1899	Dead Tree	-	Dead	-	-	Dead tree.	SS2	Oct. 2021	D - Remove Dead
268	1900	Juglans nigra	Black Walnut	Good	55	-	Open space, healthy	SS2	Oct. 2021	B1 - Remove Dvlp
269	1901	Juglans nigra	Black Walnut	Good	17	-	Open space, healthy	SS2	Oct. 2021	B2 - Remove Dvlp
270	1902	Picea glauca	White Spruce	Good	50	-	Open space, healthy	SS2	Oct. 2021	A - Retain
271	1903	Dead Tree	-	Dead	-	-	Dead tree.	SS2	Oct. 2021	D - Remove Dead
272	1900	Rhamnus cathartica	European Buckthorn	Fair	10	15	Woodlot edge	SS2	Oct. 2021	C2 - Remove Invasive
273	1906	Rhamnus cathartica	European Buckthorn	Poor	14	-	Woodlot edge	SS2	Oct. 2021	C2 - Remove Invasive
274	1907	Dead Tree	-	Removed	34	-	Woodlot edge, healthy	SS2	Oct. 2021	G - Removed
275	1908	Rhamnus cathartica	European Buckthorn	Poor	10	-	Woodlot edge	SS2	Oct. 2021	C2 - Remove Invasive
276	1909	Picea glauca	White Spruce	Fair	28	-	Woodlot edge	SS2	Oct. 2021	A - Retain
277	1910	Picea glauca	White Spruce	Good	40	-	Woodlot edge, healthy	SS2	Oct. 2021	A - Retain
278	1911	Rhamnus cathartica	European Buckthorn	Fair	18	25	Woodlot edge	SS2	Oct. 2021	C1 - Remove Invasive
279	1912	Rhamnus cathartica	European Buckthorn	Fair	6	-	Woodlot edge	SS2	Oct. 2021	C2 - Remove Invasive

APPENDIX A: TREE INVENTORY & ASSESSMENT MATRIX

SCHOLLEN & Company Inc.
National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON
 Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)
 PROJECT NO. 17069

LEGEND

(l): low, (m): moderate, (h): high severity

****DBH:** Diameter at Breast Height (1.4m off finished grade).

*****Cumulative DBH:** Calculated using square root of all stems squared on multi-stemmed trees.

***Ownership Categories**

SS1 - Tree is located within the Bahá'í National Centre Site (7200 Leslie St.)

SS2 - Tree is located within the Proposed Bahá'í Temple Site

SS3 - Tree is located within the proposed Bahá'í Welcome Centre Site (7290 Leslie St.)

L St. - Tree is owned and situated within the City of Markham road allowance (Leslie Street)

W Ct. - Tree is owned and situated within the City of Markham road allowance (Waterloo Court)

City. - Tree is owned and situated within the City of Markham park lands

Boundary - Trees with trunk(s) growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

- *Recommendations**
- A** - Tree to be retained. (524 trees)
- B1** - Removal of tree required due to conflicts with proposed development and grading - 20cm+ DBH (158 trees)
- B2** - Removal of tree required due to conflicts with proposed development and grading - 0-19cm DBH (76 trees)
- C1** - Removal of Invasive Species recommended - 20cm+ DBH (27 trees)
- C2** - Removal of Invasive Species recommended - 0-19cm DBH (195 trees)
- D** - Removal of dead tree recommended. (46 trees)
- E** - Tree to be retained with injury. (56 trees)
- F** - Dead tree to remain. (10 trees)
- G** - Inventoried tree has been removed or has fallen. (43 trees)

Tree No.	Tag No.	Species		Condition Rating	DBH (cm)**	Cum. DBH (cm)***	Notes	Ownership Categories****	Date of Assessment	Recommendations *
		Botanical Name	Common Name							
280	-	Rhamnus cathartica	European Buckthorn	Fair	8 7 5 5 5	14	Woodlot edge	SS2	Oct. 2021	C2 - Remove Invasive
281	1914	Acer platanoides	Norway Maple	Good	32	-	Woodlot edge, healthy	SS2	Oct. 2021	C1 - Remove Invasive
282	1915	Dead Tree	-	Dead	-	-	Dead tree.	SS2	Oct. 2021	D - Remove Dead
283	1916	Rhamnus cathartica	European Buckthorn	Fair	11 9	14	Woodlot edge	SS2	Oct. 2021	C2 - Remove Invasive
284	1917	Tilia cordata	Littleleaf Linden	Good	7	-	Woodlot edge, healthy	SS2	Oct. 2021	A - Retain
285	1918	Juglans nigra	Black Walnut	Good	22	-	Woodlot edge, healthy	SS2	Oct. 2021	A - Retain
286	1920	Dead Tree	-	Removed	-	-	Dead tree.	Boundary	Oct. 2021	G - Removed
287	1921	Dead Tree	-	Dead	-	-	Dead tree.	SS2	Oct. 2021	D - Remove Dead
288	1922	Juglans nigra	Black Walnut	Good	30	-	Woodlot edge, healthy	SS2	Oct. 2021	A - Retain
289	1923	Juglans nigra	Black Walnut	Good	21	-	Woodlot edge, healthy	SS2	Oct. 2021	A - Retain
290	1924	Dead Tree	-	Dead	-	-	Dead tree.	SS2	Oct. 2021	D - Remove Dead
291	1925	Picea glauca	White Spruce	Fair	29	-	Woodlot edge, 20% dead wood	SS2	Oct. 2021	A - Retain
292	1926	Rhamnus cathartica	European Buckthorn	Fair	13 10 9 7	20	Woodlot edge	SS2	Oct. 2021	C1 - Remove Invasive
293	1927	Picea glauca	White Spruce	Fair	14	-	Woodlot edge	SS2	Oct. 2021	A - Retain
294	1928	Picea glauca	White Spruce	Good	30	-	Woodlot edge, healthy	SS2	Oct. 2021	A - Retain
295	1929	Acer platanoides	Norway Maple	Good	11	-	Woodlot edge, healthy	SS2	Oct. 2021	C2 - Remove Invasive
296	1930	Dead Tree	-	Dead	-	-	Dead tree.	SS2	Oct. 2021	D - Remove Dead
297	1931	Picea glauca	White Spruce	Good	39	-	Woodlot edge, healthy	SS2	Oct. 2021	A - Retain
298	1932	Picea glauca	White Spruce	Dead	35	-	Woodlot edge	SS2	Oct. 2021	D - Remove Dead
299	1933	Malus sp.	Apple Species	Poor	29	-	Woodlot edge, lean (s), 20% dead wood	SS2	Oct. 2021	A - Retain
300	1934	Juglans nigra	Black Walnut	Good	30	-	Open space, healthy	SS2	Oct. 2021	A - Retain
301	1935	Juglans nigra	Black Walnut	Good	18	-	Open space, healthy	SS2	Oct. 2021	A - Retain
302	1936	Juglans nigra	Black Walnut	Good	25	-	Open space, healthy	SS2	Oct. 2021	A - Retain
303	1937	Juglans nigra	Black Walnut	Good	33	-	Open space, healthy	SS2	Oct. 2021	A - Retain
304	1938	Dead Tree	-	Dead	45	-	Woodlot edge, fair vigor, profuse vine growth throughout canopy, recently died	SS2	Oct. 2021	D - Remove Dead
305	1939	Juglans nigra	Black Walnut	Good	21	-	Woodlot edge, healthy	SS2	Oct. 2021	A - Retain
306	1940	Acer saccharum	Sugar Maple	Good	7	-	Woodlot edge, healthy	SS2	Oct. 2021	A - Retain
307	1941	Juglans nigra	Black Walnut	Good	35	-	Woodlot edge, healthy	SS2	Oct. 2021	A - Retain
308	1942	Picea glauca	White Spruce	Fair	48	-	Woodlot edge, fair vigor	SS2	Oct. 2021	A - Retain
309	1943	Dead Tree	-	Dead	-	-	Dead tree, fallen.	SS2	Oct. 2021	F - Retain Dead
310	-	Dead Tree	-	Dead	-	-	Dead tree.	SS2	Oct. 2021	F - Retain Dead
311	1945	Crataegus sp.	Hawthorn Species	Fair	6 5	8	Woodlot edge	SS2	Oct. 2021	A - Retain
312	1946	Juglans nigra	Black Walnut	Good	13	-	Woodlot edge, healthy	SS2	Oct. 2021	A - Retain
313	1947	Juglans nigra	Black Walnut	Good	26	-	Woodlot edge, healthy	SS2	Oct. 2021	A - Retain

APPENDIX A: TREE INVENTORY & ASSESSMENT MATRIX

SCHOLLEN & Company Inc.

National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON

Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)

PROJECT NO. 17069

LEGEND

(l): low, (m): moderate, (h): high severity

****DBH:** Diameter at Breast Height (1.4m off finished grade).

*****Cumulative DBH:** Calculated using square root of all stems squared on multi-stemmed trees.

***Ownership Categories**

SS1 - Tree is located within the Bahá'í National Centre Site (7200 Leslie St.)

SS2 - Tree is located within the Proposed Bahá'í Temple Site

SS3 - Tree is located within the proposed Bahá'í Welcome Centre Site (7290 Leslie St.)

L St. - Tree is owned and situated within the City of Markham road allowance (Leslie Street)

W Ct. - Tree is owned and situated within the City of Markham road allowance (Waterloo Court)

City. - Tree is owned and situated within the City of Markham park lands

Boundary - Trees with trunk(s) growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

***Recommendations**

A - Tree to be retained. (524 trees)

B1 - Removal of tree required due to conflicts with proposed development and grading - 20cm+ DBH (158 trees)

B2 - Removal of tree required due to conflicts with proposed development and grading - 0-19cm DBH (76 trees)

C1 - Removal of Invasive Species recommended - 20cm+ DBH (27 trees)

C2 - Removal of Invasive Species recommended - 0-19cm DBH (195 trees)

D - Removal of dead tree recommended. (46 trees)

E - Tree to be retained with injury. (56 trees)

F - Dead tree to remain. (10 trees)

G - Inventoried tree has been removed or has fallen. (43 trees)

Tree No.	Tag No.	Species		Condition Rating	DBH (cm)**	Cum. DBH (cm)***	Notes	Ownership Categories ****	Date of Assessment	Recommendations *
		Botanical Name	Common Name							
314	1948	Picea glauca	White Spruce	Good	36	-	Woodlot edge, healthy	SS2	Oct. 2021	A - Retain
315	1949	Picea glauca	White Spruce	Good	38	-	Woodlot edge, healthy	SS2	Oct. 2021	A - Retain
316	1950	Tilia cordata	Littleleaf Linden	Good	15	-	Woodlot edge, healthy	SS2	Oct. 2021	A - Retain
317	1951	Dead Tree	-	Removed	-	-	Dead tree.	SS2	Oct. 2021	G - Removed
318	1952	Juglans nigra	Black Walnut	Good	13	-	Woodlot edge, healthy	SS2	Oct. 2021	A - Retain
319	-	Acer saccharum	Sugar Maple	Good	10	-	Woodlot edge, healthy	SS2	Oct. 2021	A - Retain
320	1954	Rhamnus cathartica	European Buckthorn	Fair	8	-	Woodlot edge	SS2	Oct. 2021	C2 - Remove Invasive
321	1955	Picea glauca	White Spruce	Good	30	-	Woodlot edge, healthy	SS2	Oct. 2021	A - Retain
322	-	Dead Tree	-	Removed	-	-	Dead tree, fallen.	SS2	Oct. 2021	G - Removed
323	1957	Juglans nigra	Black Walnut	Good	14	-	Woodlot edge, healthy	SS2	Oct. 2021	A - Retain
324	-	Acer saccharum	Sugar Maple	Good	24	-	Woodlot edge, healthy	SS2	Oct. 2021	A - Retain
325	1959	Picea glauca	White Spruce	Good	40	-	Woodlot edge, healthy	SS2	Oct. 2021	A - Retain
326	1960	Picea glauca	White Spruce	Fair	18	-	Woodlot edge, fair vigor	SS2	Oct. 2021	A - Retain
327	-	Acer saccharum	Sugar Maple	Fair	20	-	Woodlot edge, minor dieback	SS2	Oct. 2021	A - Retain
328	1961	Rhus typhina	Staghorn Sumac	Removed	12	-	Woodlot interior, trunk wound (l), profuse vine growth throughout canopy	SS2	Oct. 2021	G - Removed
329	1962	Malus sp.	Apple Species	Poor	33	-	Woodlot edge, second stem failed, 30% dead wood	SS2	Oct. 2021	B1 - Remove Dvlp
330	-	Juglans nigra	Black Walnut	Fair	14	-	Woodlot edge, fair vigor	SS2	Oct. 2021	A - Retain
331	-	Picea glauca	White Spruce	Good	40	-	Woodlot edge, healthy	SS2	Oct. 2021	E - Injure
332	-	Picea glauca	White Spruce	Good	42	-	Woodlot edge, healthy	SS2	Oct. 2021	E - Injure
333	-	Picea glauca	White Spruce	Good	41	-	Woodlot edge, healthy	SS2	Oct. 2021	E - Injure
334	1967	Dead Tree	-	Dead	-	-	Dead tree.	SS2	Oct. 2021	D - Remove Dead
335	1968	Prunus serotina	Black Cherry	Poor	17	-	Woodlot interior, poor vigor, mostly dead	SS2	Oct. 2021	A - Retain
336	1969	Dead Tree	-	Dead	-	-	Dead tree.	SS2	Oct. 2021	D - Remove Dead
337	1970	Juglans nigra	Black Walnut	Good	45	-	Woodlot interior, healthy	SS2	Oct. 2021	E - Injure
338	1971	Fraxinus sp.	Ash Species	Good	19	-	Woodlot interior, healthy	SS2	Oct. 2021	A - Retain
339	1972	Dead Tree	-	Dead	-	-	Dead tree.	SS2	Oct. 2021	D - Remove Dead
340	1973	Rhamnus cathartica	European Buckthorn	Fair	12	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
341	1974	Rhamnus cathartica	European Buckthorn	Fair	9	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
342	1975	Rhamnus cathartica	European Buckthorn	Poor	14	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
343	1976	Rhamnus cathartica	European Buckthorn	Fair	11	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
344	1977	Rhamnus cathartica	European Buckthorn	Poor	18	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
345	1978	Fraxinus sp.	Ash Species	Fair	20	-	Woodlot interior, 20% dead wood	SS2	Oct. 2021	B1 - Remove Dvlp
346	1979	Acer saccharum	Sugar Maple	Fair	7	-	Woodlot interior, dead tree leaning over canopy	SS2	Oct. 2021	B2 - Remove Dvlp
347	1980	Crataegus sp.	Hawthorn Species	Fair	15	18	Woodlot interior	SS2	Oct. 2021	B2 - Remove Dvlp
348	1981	Quercus bicolor	Swamp White Oak	Good	26	29	Woodlot interior, union at 1.2m	SS2	Oct. 2021	B1 - Remove Dvlp
349	1982	Rhamnus cathartica	European Buckthorn	Fair	11	16	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
350	1983	Rhamnus cathartica	European Buckthorn	Removed	13	-	Woodlot interior	SS2	Oct. 2021	G - Removed

APPENDIX A: TREE INVENTORY & ASSESSMENT MATRIX

SCHOLLEN & Company Inc.
National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON
 Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)
 PROJECT NO. 17069

LEGEND

(l): low, (m): moderate, (h): high severity
****DBH:** Diameter at Breast Height (1.4m off finished grade).
*****Cumulative DBH:** Calculated using square root of all stems squared on multi-stemmed trees.
***Ownership Categories**
SS1 - Tree is located within the Bahá'í National Centre Site (7200 Leslie St.)
SS2 - Tree is located within the Proposed Bahá'í Temple Site
SS3 - Tree is located within the proposed Bahá'í Welcome Centre Site (7290 Leslie St.)
L St. - Tree is owned and situated within the City of Markham road allowance (Leslie Street)
W Ct. - Tree is owned and situated within the City of Markham road allowance (Waterloo Court)
City. - Tree is owned and situated within the City of Markham park lands
Boundary - Trees with trunk(s) growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

***Recommendations**

- A** - Tree to be retained. (524 trees)
- B1** - Removal of tree required due to conflicts with proposed development and grading - 20cm+ DBH (158 trees)
- B2** - Removal of tree required due to conflicts with proposed development and grading - 0-19cm DBH (76 trees)
- C1** - Removal of Invasive Species recommended - 20cm+ DBH (27 trees)
- C2** - Removal of Invasive Species recommended - 0-19cm DBH (195 trees)
- D** - Removal of dead tree recommended. (46 trees)
- E** - Tree to be retained with injury. (56 trees)
- F** - Dead tree to remain. (10 trees)
- G** - Inventoried tree has been removed or has fallen. (43 trees)

Tree No.	Tag No.	Species		Condition Rating	DBH (cm)**	Cum. DBH (cm)***	Notes	Ownership Categories****	Date of Assessment	Recommendations *
		Botanical Name	Common Name							
351	1984	Pinus resinosa	Red Pine	Fair	34	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
352	-	Rhamnus cathartica	European Buckthorn	Fair	9	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
353	1986	Rhamnus cathartica	European Buckthorn	Fair	8	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
354	1987	Rhamnus cathartica	European Buckthorn	Fair	9	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
355	1988	Pinus resinosa	Red Pine	Fair	32	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
356	1989	Rhamnus cathartica	European Buckthorn	Fair	8	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
357	1990	Pinus resinosa	Red Pine	Fair	38	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
358	1991	Rhamnus cathartica	European Buckthorn	Fair	9	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
359	-	Dead Tree	-	Dead	-	-	Dead tree.	SS2	Oct. 2021	D - Remove Dead
360	1993	Rhamnus cathartica	European Buckthorn	Fair	12	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
361	1994	Pinus resinosa	Red Pine	Fair	36	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
362	1995	Rhamnus cathartica	European Buckthorn	Fair	11	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
363	1996	Pinus resinosa	Red Pine	Fair	33	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
364	1997	Rhamnus cathartica	European Buckthorn	Fair	8	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
365	1998	Rhamnus cathartica	European Buckthorn	Poor	8	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
366	1999	Pinus resinosa	Red Pine	Fair	43	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
367	2000	Rhamnus cathartica	European Buckthorn	Fair	8	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
368	101	Pinus resinosa	Red Pine	Fair	27	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
369	102	Rhamnus cathartica	European Buckthorn	Fair	8	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
370	103	Pinus resinosa	Red Pine	Fair	33	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
371	104	Rhamnus cathartica	European Buckthorn	Poor	9	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
372	105	Pinus resinosa	Red Pine	Fair	33	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
373	106	Pinus resinosa	Red Pine	Fair	33	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
374	107	Rhamnus cathartica	European Buckthorn	Fair	9	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
375	108	Rhamnus cathartica	European Buckthorn	Fair	8	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
376	109	Rhamnus cathartica	European Buckthorn	Fair	7	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
377	110	Tilia americana	Basswood	Good	14	-	Woodlot interior, healthy	SS2	Oct. 2021	B2 - Remove Dvlp
378	111	Tilia americana	Basswood	Good	12	-	Woodlot interior, healthy	SS2	Oct. 2021	B2 - Remove Dvlp
379	112	Rhamnus cathartica	European Buckthorn	Fair	10	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
380	113	Rhamnus cathartica	European Buckthorn	Fair	7	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
381	114	Pinus resinosa	Red Pine	Fair	37	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
382	115	Pinus resinosa	Red Pine	Fair	30	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
383	116	Rhamnus cathartica	European Buckthorn	Fair	7	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
384	117	Pinus sylvestris	Scots Pine	Fair	39	-	Woodlot interior, curved stem	SS2	Oct. 2021	B1 - Remove Dvlp
385	118	Rhamnus cathartica	European Buckthorn	Fair	11	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
386	119	Rhamnus cathartica	European Buckthorn	Fair	9	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
387	120	Rhamnus cathartica	European Buckthorn	Poor	11	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
388	121	Pinus sylvestris	Scots Pine	Fair	41	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
389	122	Rhamnus cathartica	European Buckthorn	Fair	9	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
390	123	Rhamnus cathartica	European Buckthorn	Fair	12	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
391	124	Rhamnus cathartica	European Buckthorn	Fair	9	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
392	125	Rhamnus cathartica	European Buckthorn	Fair	11	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive

APPENDIX A: TREE INVENTORY & ASSESSMENT MATRIX

SCHOLLEN & Company Inc.
National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON
 Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)
 PROJECT NO. 17069

LEGEND

(l): low, (m): moderate, (h): high severity
****DBH:** Diameter at Breast Height (1.4m off finished grade).
*****Cumulative DBH:** Calculated using square root of all stems squared on multi-stemmed trees.
***Ownership Categories**
SS1 - Tree is located within the Bahá'í National Centre Site (7200 Leslie St.)
SS2 - Tree is located within the Proposed Bahá'í Temple Site
SS3 - Tree is located within the proposed Bahá'í Welcome Centre Site (7290 Leslie St.)
L St. - Tree is owned and situated within the City of Markham road allowance (Leslie Street)
W Ct. - Tree is owned and situated within the City of Markham road allowance (Waterloo Court)
City. - Tree is owned and situated within the City of Markham park lands
Boundary - Trees with trunk(s) growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

***Recommendations**

- A** - Tree to be retained. (524 trees)
- B1** - Removal of tree required due to conflicts with proposed development and grading - 20cm+ DBH (158 trees)
- B2** - Removal of tree required due to conflicts with proposed development and grading - 0-19cm DBH (76 trees)
- C1** - Removal of Invasive Species recommended - 20cm+ DBH (27 trees)
- C2** - Removal of Invasive Species recommended - 0-19cm DBH (195 trees)
- D** - Removal of dead tree recommended. (46 trees)
- E** - Tree to be retained with injury. (56 trees)
- F** - Dead tree to remain. (10 trees)
- G** - Inventoried tree has been removed or has fallen. (43 trees)

Tree No.	Tag No.	Species		Condition Rating	DBH (cm)**	Cum. DBH (cm)***	Notes	Ownership Categories****	Date of Assessment	Recommendations *
		Botanical Name	Common Name							
393	126	Quercus macrocarpa	Bur Oak	Fair	17	-	Woodlot interior	SS2	Oct. 2021	B2 - Remove Dvlp
394	127	Acer saccharum	Sugar Maple	Good	16	-	Woodlot interior, healthy	SS2	Oct. 2021	B2 - Remove Dvlp
395	128	Pinus resinosa	Red Pine	Poor	21	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
396	129	Rhamnus cathartica	European Buckthorn	Fair	9	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
397	130	Rhamnus cathartica	European Buckthorn	Fair	7	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
398	131	Pinus sylvestris	Scots Pine	Fair	17	-	Woodlot interior, tree fallen on top	SS2	Oct. 2021	B2 - Remove Dvlp
399	132	Rhamnus cathartica	European Buckthorn	Fair	11	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
400	133	Rhamnus cathartica	European Buckthorn	Fair	13	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
401	134	Pinus sylvestris	Scots Pine	Good	45	-	Woodlot interior, healthy	SS2	Oct. 2021	B1 - Remove Dvlp
402	135	Acer saccharum	Sugar Maple	Good	11	-	Woodlot interior, healthy	SS2	Oct. 2021	B2 - Remove Dvlp
403	136	Acer saccharum	Sugar Maple	Good	11	-	Woodlot interior, healthy	SS2	Oct. 2021	B2 - Remove Dvlp
404	137	Rhamnus cathartica	European Buckthorn	Fair	11	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
405	138	Rhamnus cathartica	European Buckthorn	Fair	7	-	Woodlot interior, tree fallen on top	SS2	Oct. 2021	C2 - Remove Invasive
406	139	Pinus sylvestris	Scots Pine	Fair	23	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
407	140	Rhamnus cathartica	European Buckthorn	Removed	10	-	Woodlot interior	SS2	Oct. 2021	G - Removed
408	141	Pinus sylvestris	Scots Pine	Fair	30	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
409	142	Rhamnus cathartica	European Buckthorn	Removed	12	-	Woodlot interior	SS2	Oct. 2021	G - Removed
410	143	Pinus resinosa	Red Pine	Fair	31	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
411	144	Pinus resinosa	Red Pine	Fair	34	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
412	145	Acer saccharum	Sugar Maple	Fair	50	-	Woodlot interior, top of slope, dead limb	SS2	Oct. 2021	A - Retain
413	146	Acer saccharum	Sugar Maple	Good	26	27	Woodlot interior, top of slope	SS2	Oct. 2021	A - Retain
414	147	Acer saccharum	Sugar Maple	Good	64	-	Woodlot interior, top of slope	SS2	Oct. 2021	A - Retain
415	148	Acer saccharum	Sugar Maple	Good	38	-	Woodlot interior, top of slope	SS2	Oct. 2021	A - Retain
416	149	Acer saccharum	Sugar Maple	Fair	55	-	Woodlot interior, top of slope, dead limb	SS2	Oct. 2021	A - Retain
417	150	Acer saccharum	Sugar Maple	Good	46	54	Woodlot interior, top of slope, union at 0.5m with included bark	SS2	Oct. 2021	A - Retain
418	151	Acer saccharum	Sugar Maple	Good	52	-	Woodlot interior, top of slope	SS2	Oct. 2021	A - Retain
419	152	Tilia americana	Basswood	Good	17	20	Woodlot interior, top of slope, union at grade	SS2	Oct. 2021	A - Retain
420	153	Juglans nigra	Black Walnut	Fair	10	-	Open space, healthy, profuse vine growth throughout canopy	SS2	Oct. 2021	A - Retain
421	154	Juglans nigra	Black Walnut	Good	35	-	Open space, healthy	SS2	Oct. 2021	A - Retain
422	155	Juglans nigra	Black Walnut	Good	34	-	Open space, healthy	SS2	Oct. 2021	A - Retain
423	156	Juglans nigra	Black Walnut	Good	15	-	Open space, healthy, profuse vine growth throughout canopy	SS2	Oct. 2021	A - Retain
424	157	Dead Tree	-	Dead	-	-	Dead tree.	SS2	Oct. 2021	D - Remove Dead
425	158	Juglans nigra	Black Walnut	Good	19	-	Open space, healthy	SS2	Oct. 2021	A - Retain
426	159	Juglans nigra	Black Walnut	Good	39	-	Open space, healthy	SS2	Oct. 2021	A - Retain
427	160	Juglans nigra	Black Walnut	Good	12	-	Open space, healthy	SS2	Oct. 2021	B2 - Remove Dvlp
428	161	Juglans nigra	Black Walnut	Fair	10	-	Open space, 30% dead wood	SS2	Oct. 2021	B2 - Remove Dvlp
429	162	Juglans nigra	Black Walnut	Good	29	-	Open space, healthy	SS2	Oct. 2021	B1 - Remove Dvlp
430	163	Juglans nigra	Black Walnut	Good	27	-	Open space, healthy	SS2	Oct. 2021	A - Retain
431	164	Juglans nigra	Black Walnut	Good	26	-	Open space, healthy	SS2	Oct. 2021	A - Retain

APPENDIX A: TREE INVENTORY & ASSESSMENT MATRIX

SCHOLLEN & Company Inc.
National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON
 Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)
 PROJECT NO. 17069

LEGEND

(l): low, (m): moderate, (h): high severity

****DBH:** Diameter at Breast Height (1.4m off finished grade).

*****Cumulative DBH:** Calculated using square root of all stems squared on multi-stemmed trees.

***Ownership Categories**

SS1 - Tree is located within the Bahá'í National Centre Site (7200 Leslie St.)

SS2 - Tree is located within the Proposed Bahá'í Temple Site

SS3 - Tree is located within the proposed Bahá'í Welcome Centre Site (7290 Leslie St.)

L St. - Tree is owned and situated within the City of Markham road allowance (Leslie Street)

W Ct. - Tree is owned and situated within the City of Markham road allowance (Waterloo Court)

City. - Tree is owned and situated within the City of Markham park lands

Boundary - Trees with trunk(s) growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

***Recommendations**

A - Tree to be retained. (524 trees)

B1 - Removal of tree required due to conflicts with proposed development and grading - 20cm+ DBH (158 trees)

B2 - Removal of tree required due to conflicts with proposed development and grading - 0-19cm DBH (76 trees)

C1 - Removal of Invasive Species recommended - 20cm+ DBH (27 trees)

C2 - Removal of Invasive Species recommended - 0-19cm DBH (195 trees)

D - Removal of dead tree recommended. (46 trees)

E - Tree to be retained with injury. (56 trees)

F - Dead tree to remain. (10 trees)

G - Inventoried tree has been removed or has fallen. (43 trees)

Tree No.	Tag No.	Species		Condition Rating	DBH (cm)**	Cum. DBH (cm)***	Notes	Ownership Categories ****	Date of Assessment	Recommendations *
		Botanical Name	Common Name							
432	165	Picea glauca	White Spruce	Fair	9	-	Open space, good structure, poor vigor	SS2	Oct. 2021	B2 - Remove Dvlp
433	166	Dead Tree	-	Dead	-	-	Dead tree.	SS2	Oct. 2021	D - Remove Dead
434	167	Rhamnus cathartica	European Buckthorn	Fair	13	18	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
					8					
					7					
					5					
435	168	Rhamnus cathartica	European Buckthorn	Fair	18	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
436	169	Picea glauca	White Spruce	Good	43	-	Woodlot interior, healthy	SS2	Oct. 2021	B1 - Remove Dvlp
437	170	Picea glauca	White Spruce	Good	52	-	Woodlot interior, healthy	SS2	Oct. 2021	B1 - Remove Dvlp
438	171	Fraxinus sp.	Ash Species	Poor	20	-	Open space, emerald ash borer damage, mostly dead	SS2	Oct. 2021	B1 - Remove Dvlp
439	172	Juglans nigra	Black Walnut	Good	27	-	Open space, healthy	SS2	Oct. 2021	B1 - Remove Dvlp
440	173	Picea glauca	White Spruce	Fair	35	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
441	174	Rhamnus cathartica	European Buckthorn	Fair	13	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
442	175	Rhamnus cathartica	European Buckthorn	Fair	15	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
443	176	Picea glauca	White Spruce	Fair	46	-	Woodlot interior, healthy	SS2	Oct. 2021	B1 - Remove Dvlp
444	177	Picea glauca	White Spruce	Good	29	35	Woodlot interior, union at 1.1m	SS2	Oct. 2021	B1 - Remove Dvlp
					20					
445	178	Picea glauca	White Spruce	Good	36	-	Woodlot interior, healthy	SS2	Oct. 2021	B1 - Remove Dvlp
446	179	Rhamnus cathartica	European Buckthorn	Fair	14	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
447	180	Dead Tree	-	Dead	-	-	Dead tree.	SS2	Oct. 2021	D - Remove Dead
448	181	Picea glauca	White Spruce	Fair	50	-	Woodlot interior, healthy	SS2	Oct. 2021	B1 - Remove Dvlp
449	182	Rhamnus cathartica	European Buckthorn	Fair	15	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
450	183	Dead Tree	-	Dead	-	-	Dead tree.	SS2	Oct. 2021	D - Remove Dead
451	184	Picea glauca	White Spruce	Good	48	-	Woodlot interior, healthy	SS2	Oct. 2021	B1 - Remove Dvlp
452	185	Rhamnus cathartica	European Buckthorn	Fair	11	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
453	186	Rhamnus cathartica	European Buckthorn	Fair	11	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
454	187	Rhamnus cathartica	European Buckthorn	Fair	10	14	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
					10					
455	188	Rhamnus cathartica	European Buckthorn	Fair	11	18	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
					10					
					8					
					6					
456	189	Rhamnus cathartica	European Buckthorn	Fair	12	16	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
					10					
457	190	Picea glauca	White Spruce	Good	37	-	Woodlot interior, healthy	SS2	Oct. 2021	B1 - Remove Dvlp
458	191	Picea glauca	White Spruce	Good	47	-	Woodlot interior, healthy	SS2	Oct. 2021	B1 - Remove Dvlp
459	192	Picea glauca	White Spruce	Good	47	-	Woodlot interior, healthy	SS2	Oct. 2021	B1 - Remove Dvlp
460	193	Rhamnus cathartica	European Buckthorn	Fair	15	23	Woodlot interior	SS2	Oct. 2021	C1 - Remove Invasive
					14					
					10					
461	194	Acer saccharum	Sugar Maple	Good	18	-	Woodlot interior, profuse vine growth throughout canopy	SS2	Oct. 2021	B2 - Remove Dvlp
462	195	Rhamnus cathartica	European Buckthorn	Fair	11	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
463	-	Rhamnus cathartica	European Buckthorn	Fair	8	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive

APPENDIX A: TREE INVENTORY & ASSESSMENT MATRIX

SCHOLLEN & Company Inc.

National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON

Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)

PROJECT NO. 17069

LEGEND

(l): low, (m): moderate, (h): high severity

****DBH:** Diameter at Breast Height (1.4m off finished grade).

*****Cumulative DBH:** Calculated using square root of all stems squared on multi-stemmed trees.

***Ownership Categories**

SS1 - Tree is located within the Bahá'í National Centre Site (7200 Leslie St.)

SS2 - Tree is located within the Proposed Bahá'í Temple Site

SS3 - Tree is located within the proposed Bahá'í Welcome Centre Site (7290 Leslie St.)

L St. - Tree is owned and situated within the City of Markham road allowance (Leslie Street)

W Ct. - Tree is owned and situated within the City of Markham road allowance (Waterloo Court)

City. - Tree is owned and situated within the City of Markham park lands

Boundary - Trees with trunk(s) growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

***Recommendations**

A - Tree to be retained. (524 trees)

B1 - Removal of tree required due to conflicts with proposed development and grading - 20cm+ DBH (158 trees)

B2 - Removal of tree required due to conflicts with proposed development and grading - 0-19cm DBH (76 trees)

C1 - Removal of Invasive Species recommended - 20cm+ DBH (27 trees)

C2 - Removal of Invasive Species recommended - 0-19cm DBH (195 trees)

D - Removal of dead tree recommended. (46 trees)

E - Tree to be retained with injury. (56 trees)

F - Dead tree to remain. (10 trees)

G - Inventoried tree has been removed or has fallen. (43 trees)

Tree No.	Tag No.	Species		Condition Rating	DBH (cm)**	Cum. DBH (cm)***	Notes	Ownership Categories****	Date of Assessment	Recommendations *
		Botanical Name	Common Name							
464	197	Rhamnus cathartica	European Buckthorn	Fair	9	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
465	198	Rhamnus cathartica	European Buckthorn	Fair	12	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
466	199	Acer saccharum	Sugar Maple	Good	16	-	Woodlot interior, healthy	SS2	Oct. 2021	B2 - Remove Dvlp
467	200	Acer saccharum	Sugar Maple	Good	16	-	Woodlot interior, healthy	SS2	Oct. 2021	B2 - Remove Dvlp
468	201	Rhamnus cathartica	European Buckthorn	Removed	8	-	Woodlot interior	SS2	Oct. 2021	G - Removed
469	202	Rhamnus cathartica	European Buckthorn	Removed	8	-	Woodlot interior	SS2	Oct. 2021	G - Removed
470	203	Rhamnus cathartica	European Buckthorn	Removed	8	-	Woodlot interior	SS2	Oct. 2021	G - Removed
471	204	Rhamnus cathartica	European Buckthorn	Fair	10	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
472	205	Rhamnus cathartica	European Buckthorn	Removed	9	-	Woodlot interior	SS2	Oct. 2021	G - Removed
473	206	Rhamnus cathartica	European Buckthorn	Removed	10	-	Woodlot interior	SS2	Oct. 2021	G - Removed
474	207	Rhamnus cathartica	European Buckthorn	Removed	8	-	Woodlot interior	SS2	Oct. 2021	G - Removed
475	208	Rhamnus cathartica	European Buckthorn	Fair	8	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
476	209	Rhamnus cathartica	European Buckthorn	Fair	12	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
477	210	Rhamnus cathartica	European Buckthorn	Fair	10	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
478	211	Pinus resinosa	Red Pine	Fair	32	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
479	212	Dead Tree	-	Dead	-	-	Dead tree.	SS2	Oct. 2021	D - Remove Dead
480	213	Rhamnus cathartica	European Buckthorn	Fair	8	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
481	214	Rhamnus cathartica	European Buckthorn	Removed	8	-	Woodlot interior	SS2	Oct. 2021	G - Removed
482	215	Pinus resinosa	Red Pine	Fair	34	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
483	216	Rhamnus cathartica	European Buckthorn	Fair	7	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
484	217	Pinus resinosa	Red Pine	Fair	35	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
485	218	Rhamnus cathartica	European Buckthorn	Fair	7	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
486	219	Rhamnus cathartica	European Buckthorn	Fair	9	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
487	220	Pinus resinosa	Red Pine	Fair	31	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
488	221	Rhamnus cathartica	European Buckthorn	Fair	7	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
489	222	Rhamnus cathartica	European Buckthorn	Fair	7	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
490	223	Rhamnus cathartica	European Buckthorn	Fair	6	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
491	224	Acer saccharum	Sugar Maple	Good	7	-	Woodlot interior, healthy	SS2	Oct. 2021	B2 - Remove Dvlp
492	225	Acer saccharum	Sugar Maple	Good	12	-	Woodlot interior, healthy	SS2	Oct. 2021	B2 - Remove Dvlp
493	226	Dead Tree	-	Dead	-	-	Dead tree.	SS2	Oct. 2021	D - Remove Dead
494	227	Acer saccharum	Sugar Maple	Good	13	-	Woodlot interior, healthy	SS2	Oct. 2021	B2 - Remove Dvlp
495	228	Rhamnus cathartica	European Buckthorn	Removed	8	-	Woodlot interior	SS2	Oct. 2021	G - Removed
496	229	Acer saccharum	Sugar Maple	Removed	17	-	Woodlot interior, healthy	SS2	Oct. 2021	G - Removed
497	230	Acer saccharum	Sugar Maple	Removed	8	-	Woodlot interior, healthy	SS2	Oct. 2021	G - Removed
498	231	Acer saccharum	Sugar Maple	Removed	11	-	Woodlot interior, healthy	SS2	Oct. 2021	G - Removed
499	232	Rhamnus cathartica	European Buckthorn	Fair	9	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
500	233	Pinus sylvestris	Scots Pine	Fair	33	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
501	234	Acer saccharum	Sugar Maple	Good	13	-	Woodlot interior, healthy	SS2	Oct. 2021	B2 - Remove Dvlp
502	235	Rhamnus cathartica	European Buckthorn	Fair	6	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
503	236	Rhamnus cathartica	European Buckthorn	Fair	6	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
504	237	Rhamnus cathartica	European Buckthorn	Fair	9	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
505	238	Pinus resinosa	Red Pine	Fair	35	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp

APPENDIX A: TREE INVENTORY & ASSESSMENT MATRIX

SCHOLLEN & Company Inc.

National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON

Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)

PROJECT NO. 17069

LEGEND

(l): low, (m): moderate, (h): high severity

****DBH:** Diameter at Breast Height (1.4m off finished grade).

*****Cumulative DBH:** Calculated using square root of all stems squared on multi-stemmed trees.

***Ownership Categories**

SS1 - Tree is located within the Bahá'í National Centre Site (7200 Leslie St.)

SS2 - Tree is located within the Proposed Bahá'í Temple Site

SS3 - Tree is located within the proposed Bahá'í Welcome Centre Site (7290 Leslie St.)

L St. - Tree is owned and situated within the City of Markham road allowance (Leslie Street)

W Ct. - Tree is owned and situated within the City of Markham road allowance (Waterloo Court)

City. - Tree is owned and situated within the City of Markham park lands

Boundary - Trees with trunk(s) growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

***Recommendations**

A - Tree to be retained. (524 trees)

B1 - Removal of tree required due to conflicts with proposed development and grading - 20cm+ DBH (158 trees)

B2 - Removal of tree required due to conflicts with proposed development and grading - 0-19cm DBH (76 trees)

C1 - Removal of Invasive Species recommended - 20cm+ DBH (27 trees)

C2 - Removal of Invasive Species recommended - 0-19cm DBH (195 trees)

D - Removal of dead tree recommended. (46 trees)

E - Tree to be retained with injury. (56 trees)

F - Dead tree to remain. (10 trees)

G - Inventoried tree has been removed or has fallen. (43 trees)

Tree No.	Tag No.	Species		Condition Rating	DBH (cm)**	Cum. DBH (cm)***	Notes	Ownership Categories****	Date of Assessment	Recommendations *
		Botanical Name	Common Name							
506	239	Pinus resinosa	Red Pine	Fair	35	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
507	240	Rhamnus cathartica	European Buckthorn	Fair	7	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
508	241	Acer saccharum	Sugar Maple	Good	12	-	Woodlot interior, healthy	SS2	Oct. 2021	B2 - Remove Dvlp
509	242	Pinus resinosa	Red Pine	Fair	34	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
510	243	Pinus resinosa	Red Pine	Fair	33	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
511	244	Rhamnus cathartica	European Buckthorn	Fair	5	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
512	245	Dead Tree	-	Dead	-	-	Dead tree.	SS2	Oct. 2021	D - Remove Dead
513	246	Rhamnus cathartica	European Buckthorn	Fair	6	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
514	247	Pinus resinosa	Red Pine	Fair	35	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
515	248	Picea glauca	White Spruce	Fair	27	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
516	249	Rhamnus cathartica	European Buckthorn	Fair	6	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
517	250	Picea glauca	White Spruce	Fair	24	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
518	251	Rhamnus cathartica	European Buckthorn	Fair	7	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
519	252	Rhamnus cathartica	European Buckthorn	Fair	6	8	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
520	253	Rhamnus cathartica	European Buckthorn	Removed	9	-	Woodlot interior	SS2	Oct. 2021	G - Removed
521	254	Rhamnus cathartica	European Buckthorn	Removed	8	-	Woodlot interior	SS2	Oct. 2021	G - Removed
522	255	Rhamnus cathartica	European Buckthorn	Fair	6	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
523	256	Rhamnus cathartica	European Buckthorn	Fair	7	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
524	257	Rhamnus cathartica	European Buckthorn	Fair	6	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
525	258	Pinus resinosa	Red Pine	Fair	36	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
526	259	Rhamnus cathartica	European Buckthorn	Removed	9	-	Woodlot interior	SS2	Oct. 2021	G - Removed
527	260	Acer saccharum	Sugar Maple	Removed	11	-	Woodlot interior, healthy	SS2	Oct. 2021	G - Removed
528	261	Rhamnus cathartica	European Buckthorn	Removed	6	-	Woodlot interior	SS2	Oct. 2021	G - Removed
529	262	Rhamnus cathartica	European Buckthorn	Fair	11	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
530	263	Rhamnus cathartica	European Buckthorn	Fair	13	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
531	264	Picea glauca	White Spruce	Good	33	-	Woodlot interior, healthy	SS2	Oct. 2021	B1 - Remove Dvlp
532	265	Rhamnus cathartica	European Buckthorn	Fair	8	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
533	266	Rhamnus cathartica	European Buckthorn	Fair	10	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
534	267	Rhamnus cathartica	European Buckthorn	Fair	8	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
535	268	Rhamnus cathartica	European Buckthorn	Fair	8	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
536	269	Rhamnus cathartica	European Buckthorn	Fair	10	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
537	270	Rhamnus cathartica	European Buckthorn	Poor	13	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
538	271	Pinus resinosa	Red Pine	Fair	41	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
539	272	Pinus resinosa	Red Pine	Fair	42	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
540	273	Rhamnus cathartica	European Buckthorn	Fair	6	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
541	274	Rhamnus cathartica	European Buckthorn	Poor	10	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
542	275	Rhamnus cathartica	European Buckthorn	Fair	7	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
543	276	Rhamnus cathartica	European Buckthorn	Removed	7	-	Woodlot interior	SS2	Oct. 2021	G - Removed
544	277	Rhamnus cathartica	European Buckthorn	Fair	6	8	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
545	278	Acer saccharum	Sugar Maple	Good	14	-	Woodlot interior, healthy	SS2	Oct. 2021	B2 - Remove Dvlp

APPENDIX A: TREE INVENTORY & ASSESSMENT MATRIX

SCHOLLEN & Company Inc.
National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON
 Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)
 PROJECT NO. 17069

LEGEND

(l): low, (m): moderate, (h): high severity

****DBH:** Diameter at Breast Height (1.4m off finished grade).

*****Cumulative DBH:** Calculated using square root of all stems squared on multi-stemmed trees.

***Ownership Categories**

SS1 - Tree is located within the Bahá'í National Centre Site (7200 Leslie St.)

SS2 - Tree is located within the Proposed Bahá'í Temple Site

SS3 - Tree is located within the proposed Bahá'í Welcome Centre Site (7290 Leslie St.)

L St. - Tree is owned and situated within the City of Markham road allowance (Leslie Street)

W Ct. - Tree is owned and situated within the City of Markham road allowance (Waterloo Court)

City. - Tree is owned and situated within the City of Markham park lands

Boundary - Trees with trunk(s) growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

- *Recommendations**
- A** - Tree to be retained. (524 trees)
 - B1** - Removal of tree required due to conflicts with proposed development and grading - 20cm+ DBH (158 trees)
 - B2** - Removal of tree required due to conflicts with proposed development and grading - 0-19cm DBH (76 trees)
 - C1** - Removal of Invasive Species recommended - 20cm+ DBH (27 trees)
 - C2** - Removal of Invasive Species recommended - 0-19cm DBH (195 trees)
 - D** - Removal of dead tree recommended. (46 trees)
 - E** - Tree to be retained with injury. (56 trees)
 - F** - Dead tree to remain. (10 trees)
 - G** - Inventoried tree has been removed or has fallen. (43 trees)

Tree No.	Tag No.	Species		Condition Rating	DBH (cm)**	Cum. DBH (cm)***	Notes	Ownership Categories ****	Date of Assessment	Recommendations *
		Botanical Name	Common Name							
546	-	Rhamnus cathartica	European Buckthorn	Fair	13	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
547	280	Rhamnus cathartica	European Buckthorn	Fair	8	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
548	281	Pinus resinosa	Red Pine	Fair	35	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
549	282	Rhamnus cathartica	European Buckthorn	Fair	8	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
550	283	Rhamnus cathartica	European Buckthorn	Fair	8	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
551	284	Rhamnus cathartica	European Buckthorn	Fair	6	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
552	285	Pinus resinosa	Red Pine	Fair	32	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
553	286	Acer saccharum	Sugar Maple	Good	12	-	Woodlot interior, healthy	SS2	Oct. 2021	B2 - Remove Dvlp
554	287	Rhamnus cathartica	European Buckthorn	Fair	7	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
555	288	Pinus sylvestris	Scots Pine	Fair	35	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
556	289	Pinus resinosa	Red Pine	Fair	40	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
557	290	Rhamnus cathartica	European Buckthorn	Fair	14	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
558	291	Malus sp.	Apple Species	Poor	16	-	Woodlot interior, lean (s), suckers emerging from stem (l)	SS2	Oct. 2021	B2 - Remove Dvlp
559	292	Pinus resinosa	Red Pine	Poor	42	-	Woodlot interior, poor vigor	SS2	Oct. 2021	B1 - Remove Dvlp
560	-	Rhamnus cathartica	European Buckthorn	Fair	9	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
561	294	Picea glauca	White Spruce	Good	20	-	Woodlot interior, healthy	SS2	Oct. 2021	B1 - Remove Dvlp
562	295	Picea glauca	White Spruce	Good	45	-	Woodlot interior, healthy	SS2	Oct. 2021	B1 - Remove Dvlp
563	296	Picea glauca	White Spruce	Good	49	-	Woodlot interior, healthy	SS2	Oct. 2021	B1 - Remove Dvlp
564	297	Picea glauca	White Spruce	Good	8	-	Woodlot interior, healthy	SS2	Oct. 2021	B2 - Remove Dvlp
565	298	Picea glauca	White Spruce	Good	42	-	Woodlot interior, healthy	SS2	Oct. 2021	B1 - Remove Dvlp
566	299	Rhamnus cathartica	European Buckthorn	Fair	14	19	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
					10					
					7					
567	300	Pinus resinosa	Red Pine	Fair	36	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
568	301	Rhamnus cathartica	European Buckthorn	Fair	7	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
569	302	Pinus resinosa	Red Pine	Fair	37	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
570	303	Rhamnus cathartica	European Buckthorn	Fair	6	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
571	304	Rhamnus cathartica	European Buckthorn	Fair	7	9	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
					6					
572	305	Acer saccharum	Sugar Maple	Good	22	-	Woodlot interior, healthy	SS2	Oct. 2021	B1 - Remove Dvlp
573	306	Rhamnus cathartica	European Buckthorn	Fair	12	16	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
					10					
574	307	Pinus resinosa	Red Pine	Poor	33	-	Woodlot interior, profuse vine growth throughout canopy, poor vigor	SS2	Oct. 2021	B1 - Remove Dvlp
575	308	Rhamnus cathartica	European Buckthorn	Fair	7	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
576	309	Prunus serotina	Black Cherry	Good	12	-	Woodlot interior, healthy	SS2	Oct. 2021	B2 - Remove Dvlp
577	310	Rhamnus cathartica	European Buckthorn	Fair	10	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
578	311	Pinus resinosa	Red Pine	Poor	41	-	Woodlot interior, poor vigor	SS2	Oct. 2021	B1 - Remove Dvlp
579	312	Rhamnus cathartica	European Buckthorn	Fair	16	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
580	313	Rhamnus cathartica	European Buckthorn	Fair	8	11	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
					8					
581	314	Pinus resinosa	Red Pine	Fair	39	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
582	315	Rhamnus cathartica	European Buckthorn	Fair	10	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive

APPENDIX A: TREE INVENTORY & ASSESSMENT MATRIX

SCHOLLEN & Company Inc.

National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON

Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)

PROJECT NO. 17069

LEGEND

(l): low, (m): moderate, (h): high severity

****DBH:** Diameter at Breast Height (1.4m off finished grade).

*****Cumulative DBH:** Calculated using square root of all stems squared on multi-stemmed trees.

***Ownership Categories**

SS1 - Tree is located within the Bahá'í National Centre Site (7200 Leslie St.)

SS2 - Tree is located within the Proposed Bahá'í Temple Site

SS3 - Tree is located within the proposed Bahá'í Welcome Centre Site (7290 Leslie St.)

L St. - Tree is owned and situated within the City of Markham road allowance (Leslie Street)

W Ct. - Tree is owned and situated within the City of Markham road allowance (Waterloo Court)

City. - Tree is owned and situated within the City of Markham park lands

Boundary - Trees with trunk(s) growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

***Recommendations**

A - Tree to be retained. (524 trees)

B1 - Removal of tree required due to conflicts with proposed development and grading - 20cm+ DBH (158 trees)

B2 - Removal of tree required due to conflicts with proposed development and grading - 0-19cm DBH (76 trees)

C1 - Removal of Invasive Species recommended - 20cm+ DBH (27 trees)

C2 - Removal of Invasive Species recommended - 0-19cm DBH (195 trees)

D - Removal of dead tree recommended. (46 trees)

E - Tree to be retained with injury. (56 trees)

F - Dead tree to remain. (10 trees)

G - Inventoried tree has been removed or has fallen. (43 trees)

Tree No.	Tag No.	Species		Condition Rating	DBH (cm)**	Cum. DBH (cm)***	Notes	Ownership Categories****	Date of Assessment	Recommendations *
		Botanical Name	Common Name							
583	317	Rhamnus cathartica	European Buckthorn	Fair	8	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
584	318	Rhamnus cathartica	European Buckthorn	Fair	12	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
585	319	Rhamnus cathartica	European Buckthorn	Fair	7	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
586	320	Pinus resinosa	Red Pine	Fair	33	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
587	321	Rhamnus cathartica	European Buckthorn	Fair	9	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
588	322	Rhamnus cathartica	European Buckthorn	Fair	8	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
589	323	Rhamnus cathartica	European Buckthorn	Fair	8	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
590	324	Rhamnus cathartica	European Buckthorn	Fair	9	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
591	325	Rhamnus cathartica	European Buckthorn	Fair	7	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
592	326	Picea glauca	White Spruce	Fair	25	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
593	327	Rhamnus cathartica	European Buckthorn	Fair	10	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
594	328	Rhamnus cathartica	European Buckthorn	Fair	8	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
595	329	Rhamnus cathartica	European Buckthorn	Fair	13	16	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
					10					
596	330	Acer saccharum	Sugar Maple	Good	20	-	Woodlot interior, healthy	SS2	Oct. 2021	B1 - Remove Dvlp
597	331	Rhamnus cathartica	European Buckthorn	Fair	8	10	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
					6					
598	332	Rhamnus cathartica	European Buckthorn	Fair	7	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
599	333	Picea glauca	White Spruce	Good	21	-	Woodlot interior	SS2	Oct. 2021	B1 - Remove Dvlp
600	334	Picea glauca	White Spruce	Fair	13	-	Woodlot interior, dead leader, secondary branch has assumed terminal control	SS2	Oct. 2021	B2 - Remove Dvlp
601	335	Acer saccharum	Sugar Maple	Good	7	-	Woodlot interior, healthy	SS2	Oct. 2021	B2 - Remove Dvlp
602	336	Acer saccharum	Sugar Maple	Good	6	-	Woodlot interior, healthy	SS2	Oct. 2021	B2 - Remove Dvlp
603	337	Rhamnus cathartica	European Buckthorn	Fair	6	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
604	339	Betula papyrifera	Paper Birch	Poor	24	-	Woodlot interior, 50% dead wood	SS2	Oct. 2021	B1 - Remove Dvlp
605	340	Acer saccharum	Sugar Maple	Good	14	-	Woodlot interior, healthy	SS2	Oct. 2021	B2 - Remove Dvlp
606	341	Rhamnus cathartica	European Buckthorn	Fair	8	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
607	342	Rhamnus cathartica	European Buckthorn	Fair	8	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
608	343	Picea glauca	White Spruce	Good	29	-	Woodlot interior, healthy	SS2	Oct. 2021	B1 - Remove Dvlp
609	344	Picea glauca	White Spruce	Fair	20	-	Woodlot interior, dead tree fallen on top	SS2	Oct. 2021	B1 - Remove Dvlp
610	345	Rhamnus cathartica	European Buckthorn	Fair	11	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
611	346	Picea glauca	White Spruce	Good	43	-	Woodlot interior, healthy	SS2	Oct. 2021	B1 - Remove Dvlp
612	347	Pinus sylvestris	Scots Pine	Poor	28	-	Woodlot interior, snapped leader, profuse vine growth throughout canopy	SS2	Oct. 2021	B1 - Remove Dvlp
613	348	Picea glauca	White Spruce	Good	32	-	Woodlot interior, healthy	SS2	Oct. 2021	B1 - Remove Dvlp
614	349	Pinus resinosa	Red Pine	Fair	33	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
615	350	Pinus resinosa	Red Pine	Fair	34	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
616	351	Picea glauca	White Spruce	Good	30	-	Woodlot interior, healthy	SS2	Oct. 2021	B1 - Remove Dvlp
617	352	Picea glauca	White Spruce	Good	41	-	Woodlot interior, healthy	SS2	Oct. 2021	B1 - Remove Dvlp
618	353	Picea glauca	White Spruce	Good	8	-	Woodlot interior, snapped tree tag	SS2	Oct. 2021	B2 - Remove Dvlp
619	354	Pinus resinosa	Red Pine	Fair	33	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
620	355	Picea glauca	White Spruce	Good	43	-	Woodlot interior, healthy	SS2	Oct. 2021	B1 - Remove Dvlp
621	356	Rhamnus cathartica	European Buckthorn	Fair	13	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
622	357	Picea glauca	White Spruce	Good	30	-	Woodlot interior, healthy	SS2	Oct. 2021	B1 - Remove Dvlp

APPENDIX A: TREE INVENTORY & ASSESSMENT MATRIX

SCHOLLEN & Company Inc.
National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON
 Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)
 PROJECT NO. 17069

LEGEND

(l): low, (m): moderate, (h): high severity
****DBH:** Diameter at Breast Height (1.4m off finished grade).
*****Cumulative DBH:** Calculated using square root of all stems squared on multi-stemmed trees.
***Ownership Categories**
SS1 - Tree is located within the Bahá'í National Centre Site (7200 Leslie St.)
SS2 - Tree is located within the Proposed Bahá'í Temple Site
SS3 - Tree is located within the proposed Bahá'í Welcome Centre Site (7290 Leslie St.)
L St. - Tree is owned and situated within the City of Markham road allowance (Leslie Street)
W Ct. - Tree is owned and situated within the City of Markham road allowance (Waterloo Court)
City. - Tree is owned and situated within the City of Markham park lands
Boundary - Trees with trunk(s) growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

***Recommendations**

- A** - Tree to be retained. (524 trees)
- B1** - Removal of tree required due to conflicts with proposed development and grading - 20cm+ DBH (158 trees)
- B2** - Removal of tree required due to conflicts with proposed development and grading - 0-19cm DBH (76 trees)
- C1** - Removal of Invasive Species recommended - 20cm+ DBH (27 trees)
- C2** - Removal of Invasive Species recommended - 0-19cm DBH (195 trees)
- D** - Removal of dead tree recommended. (46 trees)
- E** - Tree to be retained with injury. (56 trees)
- F** - Dead tree to remain. (10 trees)
- G** - Inventoried tree has been removed or has fallen. (43 trees)

Tree No.	Tag No.	Species		Condition Rating	DBH (cm)**	Cum. DBH (cm)***	Notes	Ownership Categories****	Date of Assessment	Recommendations *
		Botanical Name	Common Name							
623	358	Picea glauca	White Spruce	Good	21	-	Woodlot interior, healthy	SS2	Oct. 2021	B1 - Remove Dvlp
624	359	Dead Tree	-	Dead	-	-	Dead tree.	SS2	Oct. 2021	D - Remove Dead
625	360	Picea glauca	White Spruce	Good	42	-	Woodlot interior, healthy	SS2	Oct. 2021	B1 - Remove Dvlp
626	361	Picea glauca	White Spruce	Good	47	-	Woodlot interior, healthy	SS2	Oct. 2021	B1 - Remove Dvlp
627	362	Juglans nigra	Black Walnut	Good	29	-	Woodlot interior, healthy	SS2	Oct. 2021	B1 - Remove Dvlp
628	363	Dead Tree	-	Removed	-	-	Dead tree.	SS2	Oct. 2021	G - Removed
629	364	Juglans nigra	Black Walnut	Good	15	-	Woodlot interior, healthy	SS2	Oct. 2021	B2 - Remove Dvlp
630	365	Picea glauca	White Spruce	Poor	10	-	Woodlot interior, poor vigor	SS2	Oct. 2021	B2 - Remove Dvlp
631	401	Acer platanoides	Norway Maple	Good	8	-	Woodlot interior, healthy	SS2	Oct. 2021	C2 - Remove Invasive
632	402	Rhamnus cathartica	European Buckthorn	Fair	9	11	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
633	403	Rhamnus cathartica	European Buckthorn	Fair	8	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
634	404	Rhamnus cathartica	European Buckthorn	Fair	10	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
635	405	Rhamnus cathartica	European Buckthorn	Fair	10	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
636	406	Dead Tree	-	Dead	-	-	Dead tree.	SS2	Oct. 2021	D - Remove Dead
637	407	Rhamnus cathartica	European Buckthorn	Fair	26	-	Woodlot interior	SS2	Oct. 2021	C1 - Remove Invasive
638	408	Pinus resinosa	Red Pine	Poor	36	-	Woodlot interior, poor vigor	SS2	Oct. 2021	B1 - Remove Dvlp
639	409	Rhamnus cathartica	European Buckthorn	Fair	12	16	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
640	410	Rhamnus cathartica	European Buckthorn	Fair	8	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
641	411	Rhamnus cathartica	European Buckthorn	Fair	10	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
642	412	Rhamnus cathartica	European Buckthorn	Fair	17	23	Woodlot interior	SS2	Oct. 2021	C1 - Remove Invasive
643	413	Rhamnus cathartica	European Buckthorn	Fair	11	19	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
644	414	Fraxinus sp.	Ash Species	Good	19	-	Woodlot interior, healthy	SS2	Oct. 2021	B2 - Remove Dvlp
645	415	Rhamnus cathartica	European Buckthorn	Fair	12	16	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
646	416	Pinus resinosa	Red Pine	Fair	40	-	Woodlot interior, fair vigor	SS2	Oct. 2021	B1 - Remove Dvlp
647	417	Rhamnus cathartica	European Buckthorn	Fair	12	-	Woodlot interior	SS2	Oct. 2021	C2 - Remove Invasive
648	445	Juglans nigra	Black Walnut	Good	31	-	Open space, healthy	SS2	Oct. 2021	E - Injure
649	819	Quercus macrocarpa	Bur Oak	Good	30	-	Open space, healthy	SS3	Oct. 2021	B1 - Remove Dvlp
650	818	Malus sp.	Apple Species	Good	18	-	Open space, low DBH measurement taken due to low branching habit	SS3	Oct. 2021	B2 - Remove Dvlp
651	817	Pinus strobus	White Pine	Fair	139	-	Open space, low DBH measurement taken due to low branching habit, failed limb	SS3	Oct. 2021	E - Injure
652	816	Juglans nigra	Black Walnut	Good	16	21	Adjacent to Heritage House, union at grade, curved stem (l)	SS3	Oct. 2021	B1 - Remove Dvlp
653	815	Tsuga canadensis	Canadian Hemlock	Good	77	-	Heritage House rear yard, lean (l), healthy	SS3	Oct. 2021	B1 - Remove Dvlp
654	814	Juniperus sp.	Juniper Species	Good	14	-	Heritage House rear yard, healthy	SS3	Oct. 2021	B2 - Remove Dvlp
655	813	Malus sp.	Apple Species	Dead	39	-	Heritage House rear yard, multiple dead limbs, 50% dead wood, fruiting bodies on stem	SS3	Oct. 2021	D - Remove Dead
656	812	Pinus strobus	White Pine	Good	51	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
657	811	Pinus strobus	White Pine	Fair	29	-	Wooded area, thin canopy	SS3	Oct. 2021	A - Retain

APPENDIX A: TREE INVENTORY & ASSESSMENT MATRIX

SCHOLLEN & Company Inc.
National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON
 Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)
 PROJECT NO. 17069

LEGEND

- (l): low, (m): moderate, (h): high severity
- **DBH: Diameter at Breast Height (1.4m off finished grade).
- ***Cumulative DBH: Calculated using square root of all stems squared on multi-stemmed trees.
- *Ownership Categories**
- SS1** - Tree is located within the Bahá'í National Centre Site (7200 Leslie St.)
- SS2** - Tree is located within the Proposed Bahá'í Temple Site
- SS3** - Tree is located within the proposed Bahá'í Welcome Centre Site (7290 Leslie St.)
- L St.** - Tree is owned and situated within the City of Markham road allowance (Leslie Street)
- W Ct.** - Tree is owned and situated within the City of Markham road allowance (Waterloo Court)
- City.** - Tree is owned and situated within the City of Markham park lands
- Boundary** - Trees with trunk(s) growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

***Recommendations**

- A** - Tree to be retained. (524 trees)
- B1** - Removal of tree required due to conflicts with proposed development and grading - 20cm+ DBH (158 trees)
- B2** - Removal of tree required due to conflicts with proposed development and grading - 0-19cm DBH (76 trees)
- C1** - Removal of Invasive Species recommended - 20cm+ DBH (27 trees)
- C2** - Removal of Invasive Species recommended - 0-19cm DBH (195 trees)
- D** - Removal of dead tree recommended. (46 trees)
- E** - Tree to be retained with injury. (56 trees)
- F** - Dead tree to remain. (10 trees)
- G** - Inventoried tree has been removed or has fallen. (43 trees)

Tree No.	Tag No.	Species		Condition Rating	DBH (cm)**	Cum. DBH (cm)***	Notes	Ownership Categories ****	Date of Assessment	Recommendations *
		Botanical Name	Common Name							
658	810	Pinus strobus	White Pine	Good	34	-	Wooded area, tree fallen on top	SS3	Oct. 2021	A - Retain
659	809	Acer saccharum	Sugar Maple	Good	59	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
660	808	Acer saccharum	Sugar Maple	Good	9	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
661	807	Acer saccharum	Sugar Maple	Good	9	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
662	806	Pinus strobus	White Pine	Poor	40	-	Wooded area, 60% dead wood	SS3	Oct. 2021	A - Retain
663	805	Thuja occidentalis	Eastern White Cedar	Good	23	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
664	804	Thuja occidentalis	Eastern White Cedar	Good	14	-	Wooded area, lean (l)	SS3	Oct. 2021	A - Retain
665	803	Thuja occidentalis	Eastern White Cedar	Fair	12	18	Wooded area, lean (s), clumped	SS3	Oct. 2021	A - Retain
					10					
					8					
666	802	Tsuga canadensis	Canadian Hemlock	Good	36	41	Wooded area, union at 0.7m	SS3	Oct. 2021	A - Retain
					20					
667	801	Tsuga canadensis	Canadian Hemlock	Good	40	51	Wooded area, union at 0.5m	SS3	Oct. 2021	A - Retain
					31					
668	800	Thuja occidentalis	Eastern White Cedar	Fair	17	-	Wooded area, lean (s)	SS3	Oct. 2021	A - Retain
669	799	Thuja occidentalis	Eastern White Cedar	Good	16	-	Wooded area, lean (l)	SS3	Oct. 2021	A - Retain
670	798	Acer saccharum	Sugar Maple	Fair	39	45	Wooded area, union at 0.5m with included bark	SS3	Oct. 2021	A - Retain
					23					
671	797	Acer saccharum	Sugar Maple	Good	22	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
672	796	Thuja occidentalis	Eastern White Cedar	Good	16	-	Wooded area, lean (l)	SS3	Oct. 2021	A - Retain
673	795	Thuja occidentalis	Eastern White Cedar	Good	18	-	Wooded area, lean (l)	SS3	Oct. 2021	A - Retain
674	794	Thuja occidentalis	Eastern White Cedar	Fair	14	18	Wooded area, fair vigor	SS3	Oct. 2021	A - Retain
					11					
675	793	Acer saccharum	Sugar Maple	Good	27	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
676	792	Acer saccharum	Sugar Maple	Good	12	-	Wooded area, curved stem (l)	SS3	Oct. 2021	A - Retain
677	791	Acer saccharum	Sugar Maple	Good	7	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
678	790	Thuja occidentalis	Eastern White Cedar	Good	11	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
679	789	Acer saccharum	Sugar Maple	Good	8	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
680	788	Rhamnus cathartica	European Buckthorn	Fair	10	-	Wooded area	SS3	Oct. 2021	C2 - Remove Invasive
681	787	Rhamnus cathartica	European Buckthorn	Fair	8	-	Wooded area	SS3	Oct. 2021	C2 - Remove Invasive
682	786	Thuja occidentalis	Eastern White Cedar	Good	10	-	Wooded area, lean (l)	SS3	Oct. 2021	A - Retain
683	785	Thuja occidentalis	Eastern White Cedar	Fair	12	-	Wooded area, lean (m)	SS3	Oct. 2021	A - Retain
684	784	Pinus resinosa	Red Pine	Poor	34	-	Wooded area, poor vigor	SS3	Oct. 2021	A - Retain
685	783	Ulmus americana	American Elm	Fair	12	-	Wooded area, lean (m)	SS3	Oct. 2021	A - Retain
686	782	Thuja occidentalis	Eastern White Cedar	Good	11	-	Wooded area, lean (l)	SS3	Oct. 2021	A - Retain
687	781	Thuja occidentalis	Eastern White Cedar	Good	9	-	Wooded area, lean (m)	SS3	Oct. 2021	A - Retain
688	780	Thuja occidentalis	Eastern White Cedar	Fair	10	-	Wooded area, lean (s)	SS3	Oct. 2021	A - Retain
689	779	Rhamnus cathartica	European Buckthorn	Fair	7	-	Wooded area	SS3	Oct. 2021	C2 - Remove Invasive
690	778	Acer saccharum	Sugar Maple	Good	55	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
691	777	Thuja occidentalis	Eastern White Cedar	Good	13	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
692	776	Thuja occidentalis	Eastern White Cedar	Good	17	-	Wooded area, curved stem (l)	SS3	Oct. 2021	A - Retain
693	775	Acer saccharum	Sugar Maple	Good	15	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain

APPENDIX A: TREE INVENTORY & ASSESSMENT MATRIX

SCHOLLEN & Company Inc.
National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON
 Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)
 PROJECT NO. 17069

LEGEND

(l): low, (m): moderate, (h): high severity
****DBH:** Diameter at Breast Height (1.4m off finished grade).
*****Cumulative DBH:** Calculated using square root of all stems squared on multi-stemmed trees.
***Ownership Categories**
SS1 - Tree is located within the Bahá'í National Centre Site (7200 Leslie St.)
SS2 - Tree is located within the Proposed Bahá'í Temple Site
SS3 - Tree is located within the proposed Bahá'í Welcome Centre Site (7290 Leslie St.)
L St. - Tree is owned and situated within the City of Markham road allowance (Leslie Street)
W Ct. - Tree is owned and situated within the City of Markham road allowance (Waterloo Court)
City. - Tree is owned and situated within the City of Markham park lands
Boundary - Trees with trunk(s) growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

***Recommendations**
A - Tree to be retained. (524 trees)
B1 - Removal of tree required due to conflicts with proposed development and grading - 20cm+ DBH (158 trees)
B2 - Removal of tree required due to conflicts with proposed development and grading - 0-19cm DBH (76 trees)
C1 - Removal of Invasive Species recommended - 20cm+ DBH (27 trees)
C2 - Removal of Invasive Species recommended - 0-19cm DBH (195 trees)
D - Removal of dead tree recommended. (46 trees)
E - Tree to be retained with injury. (56 trees)
F - Dead tree to remain. (10 trees)
G - Inventoried tree has been removed or has fallen. (43 trees)

Tree No.	Tag No.	Species		Condition Rating	DBH (cm)**	Cum. DBH (cm)***	Notes	Ownership Categories ****	Date of Assessment	Recommendations *
		Botanical Name	Common Name							
694	774	Thuja occidentalis	Eastern White Cedar	Good	18	-	Wooded area, lean (m), dead tree fallen on top	SS3	Oct. 2021	A - Retain
695	773	Acer saccharum	Sugar Maple	Good	61	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
696	772	Ulmus americana	American Elm	Good	7	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
697	771	Betula papyrifera	Paper Birch	Good	26	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
698	770	Quercus rubra	Red Oak	Good	56	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
699	769	Betula papyrifera	Paper Birch	Good	12	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
700	768	Betula papyrifera	Paper Birch	Good	10	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
701	767	Thuja occidentalis	Eastern White Cedar	Good	21	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
702	766	Acer saccharum	Sugar Maple	Good	12	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
703	765	Acer saccharum	Sugar Maple	Good	14	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
704	764	Thuja occidentalis	Eastern White Cedar	Good	13	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
705	763	Acer saccharum	Sugar Maple	Good	40	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
706	762	Betula papyrifera	Paper Birch	Good	28	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
707	761	Rhamnus cathartica	European Buckthorn	Fair	7	-	Wooded area	SS3	Oct. 2021	C2 - Remove Invasive
708	760	Prunus serotina	Black Cherry	Fair	11	-	Wooded area	SS3	Oct. 2021	A - Retain
709	759	Pinus strobus	White Pine	Good	96	-	Wooded area, healthy	SS3	Oct. 2021	E - Injure
710	758	Acer saccharum	Sugar Maple	Good	8	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
711	757	Acer saccharum	Sugar Maple	Good	9	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
712	756	Acer saccharum	Sugar Maple	Good	65	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
713	755	Picea glauca	White Spruce	Fair	35	-	Wooded area, fair vigor	SS3	Oct. 2021	A - Retain
714	754	Robinia pseudoacacia	Black Locust	Good	23	-	Wooded area, growing through chain link fence	SS3	Oct. 2021	A - Retain
715	753	Rhamnus cathartica	European Buckthorn	Fair	8	-	Wooded area	SS3	Oct. 2021	C2 - Remove Invasive
716	752	Acer saccharum	Sugar Maple	Good	11	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
717	751	Dead Tree	-	Dead	-	-	Dead tree.	SS3	Oct. 2021	F - Retain Dead
718	750	Acer saccharum	Sugar Maple	Good	39	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
719	749	Acer negundo	Manitoba Maple	Good	11	-	Wooded area, healthy	SS3	Oct. 2021	C2 - Remove Invasive
720	748	Rhamnus cathartica	European Buckthorn	Fair	9	-	Wooded area	SS3	Oct. 2021	C2 - Remove Invasive
721	747	Larix laricina	Tamarack	Fair	73	-	Open space, fair vigor	SS3	Oct. 2021	A - Retain
722	746	Tsuga canadensis	Canadian Hemlock	Good	32	51	Wooded area, union at 0.4m	SS3	Oct. 2021	A - Retain
					31					
					25					
723	745	Acer saccharum	Sugar Maple	Good	55	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
724	744	Tilia americana	Basswood	Good	18	20	Wooded area, union at grade, lean (l)	SS3	Oct. 2021	A - Retain
					8					
725	743	Prunus serotina	Black Cherry	Good	13	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
726	742	Acer saccharum	Sugar Maple	Good	8	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
727	741	Ostrya virginiana	American Hophornbeam	Good	11	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
728	740	Dead Tree	-	Dead	-	-	Dead tree.	SS3	Oct. 2021	F - Retain Dead
729	739	Acer saccharum	Sugar Maple	Good	14	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
730	738	Acer saccharum	Sugar Maple	Good	8	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
731	737	Picea glauca	White Spruce	Good	27	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
732	736	Thuja occidentalis	Eastern White Cedar	Fair	13	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain

APPENDIX A: TREE INVENTORY & ASSESSMENT MATRIX

SCHOLLEN & Company Inc.

National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON

Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)

PROJECT NO. 17069

***Recommendations**

A - Tree to be retained. (524 trees)

B1 - Removal of tree required due to conflicts with proposed development and grading - 20cm+ DBH (158 trees)

B2 - Removal of tree required due to conflicts with proposed development and grading - 0-19cm DBH (76 trees)

C1 - Removal of Invasive Species recommended - 20cm+ DBH (27 trees)

C2 - Removal of Invasive Species recommended - 0-19cm DBH (195 trees)

D - Removal of dead tree recommended. (46 trees)

E -Tree to be retained with injury. (56 trees)

F - Dead tree to remain. (10 trees)

G - Inventoried tree has been removed or has fallen. (43 trees)

LEGEND

(l): low, (m): moderate, (h): high severity

****DBH**: Diameter at Breast Height (1.4m off finished grade).

*****Cumulative DBH**: Calculated using square root of all stems squared on multi-stemmed trees.

***Ownership Categories**

SS1 - Tree is located within the Bahá'í National Centre Site (7200 Leslie St.)

SS2 - Tree is located within the Proposed Bahá'í Temple Site

SS3 - Tree is located within the proposed Bahá'í Welcome Centre Site (7290 Leslie St.)

L St. - Tree is owned and situated within the City of Markham road allowance (Leslie Street)

W Cl. - Tree is owned and situated within the City of Markham road allowance (Waterloo Court)

City. - Tree is owned and situated within the City of Markham park lands

Boundary - Trees with trunk(s) growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

Tree No.	Tag No.	Species		Condition Rating	DBH (cm)**	Cum. DBH (cm)***	Notes	Ownership Categories****	Date of Assessment	Recommendations *
		Botanical Name	Common Name							
733	735	Tilia americana	Basswood	Good	30	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
734	734	Tilia americana	Basswood	Good	41	-	Wooded area, curved stem (l)	SS3	Oct. 2021	A - Retain
735	733	Acer saccharum	Sugar Maple	Good	6	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
736	732	Picea glauca	White Spruce	Fair	16	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
737	731	Picea glauca	White Spruce	Good	31	-	Wooded area, second stem dead	SS3	Oct. 2021	A - Retain
738	730	Tsuga canadensis	Canadian Hemlock	Fair	70	97	Wooded area, second stem dead	SS3	Oct. 2021	A - Retain
					67					
739	729	Acer saccharum	Sugar Maple	Good	7	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
740	728	Acer saccharum	Sugar Maple	Good	11	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
741	727	Pinus strobus	White Pine	Good	28	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
742	726	Pinus strobus	White Pine	Good	36	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
743	725	Acer saccharum	Sugar Maple	Good	28	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
744	724	Betula papyrifera	Paper Birch	Good	30	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
745	723	Pinus strobus	White Pine	Fair	41	-	Wooded area, fair vigor	SS3	Oct. 2021	A - Retain
746	722	Thuja occidentalis	Eastern White Cedar	Good	23	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
747	721	Acer saccharum	Sugar Maple	Good	13	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
748	720	Acer saccharum	Sugar Maple	Good	8	-	Wooded area, lean (l)	SS3	Oct. 2021	A - Retain
749	719	Acer saccharum	Sugar Maple	Good	16	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
750	718	Prunus serotina	Black Cherry	Good	64	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
751	717	Juglans nigra	Black Walnut	Fair	11	-	Wooded area, fair vigor	SS3	Oct. 2021	A - Retain
752	716	Pinus strobus	White Pine	Fair	50	-	Wooded area, fair vigor	SS3	Oct. 2021	A - Retain
753	715	Acer saccharum	Sugar Maple	Good	14	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
754	714	Acer saccharum	Sugar Maple	Good	16	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
755	713	Thuja occidentalis	Eastern White Cedar	Good	21	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
756	712	Acer saccharum	Sugar Maple	Good	16	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
757	711	Quercus macrocarpa	Bur Oak	Good	14	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
758	710	Acer saccharum	Sugar Maple	Good	15	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
759	709	Acer saccharum	Sugar Maple	Good	7	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
760	708	Acer saccharum	Sugar Maple	Good	8	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
761	707	Acer saccharum	Sugar Maple	Good	10	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
762	706	Acer saccharum	Sugar Maple	Fair	16	-	Wooded area, fair vigor	SS3	Oct. 2021	A - Retain
763	705	Acer saccharum	Sugar Maple	Good	8	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
764	704	Acer saccharum	Sugar Maple	Good	14	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
765	703	Acer saccharum	Sugar Maple	Good	6	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
766	702	Acer saccharum	Sugar Maple	Good	16	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
767	701	Pinus resinosa	Red Pine	Fair	32	-	Wooded area, fair vigor	SS3	Oct. 2021	A - Retain
768	700	Juglans nigra	Black Walnut	Good	44	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
769	699	Tilia americana	Basswood	Good	24	26	Wooded area, union at grade	SS3	Oct. 2021	A - Retain
					10					
770	698	Acer saccharum	Sugar Maple	Good	9	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
771	697	Acer saccharum	Sugar Maple	Good	14	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
772	696	Tilia americana	Basswood	Fair	30	-	Wooded area, lean (l), emergence holes in trunk	SS3	Oct. 2021	A - Retain

APPENDIX A: TREE INVENTORY & ASSESSMENT MATRIX

SCHOLLEN & Company Inc.

National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON

Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)

PROJECT NO. 17069

LEGEND

(l): low, (m): moderate, (h): high severity

**DBH: Diameter at Breast Height (1.4m off finished grade).

***Cumulative DBH: Calculated using square root of all stems squared on multi-stemmed trees.

*Ownership Categories

SS1 - Tree is located within the Bahá'í National Centre Site (7200 Leslie St.)

SS2 - Tree is located within the Proposed Bahá'í Temple Site

SS3 - Tree is located within the proposed Bahá'í Welcome Centre Site (7290 Leslie St.)

L St. - Tree is owned and situated within the City of Markham road allowance (Leslie Street)

W Ct. - Tree is owned and situated within the City of Markham road allowance (Waterloo Court)

City. - Tree is owned and situated within the City of Markham park lands

Boundary - Trees with trunk(s) growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

***Recommendations**

A - Tree to be retained. (524 trees)

B1 - Removal of tree required due to conflicts with proposed development and grading - 20cm+ DBH (158 trees)

B2 - Removal of tree required due to conflicts with proposed development and grading - 0-19cm DBH (76 trees)

C1 - Removal of Invasive Species recommended - 20cm+ DBH (27 trees)

C2 - Removal of Invasive Species recommended - 0-19cm DBH (195 trees)

D - Removal of dead tree recommended. (46 trees)

E - Tree to be retained with injury. (56 trees)

F - Dead tree to remain. (10 trees)

G - Inventoried tree has been removed or has fallen. (43 trees)

Tree No.	Tag No.	Species		Condition Rating	DBH (cm)**	Cum. DBH (cm)***	Notes	Ownership Categories****	Date of Assessment	Recommendations *
		Botanical Name	Common Name							
773	695	Acer saccharum	Sugar Maple	Good	48	-	Wooded area, on slope, healthy	SS3	Oct. 2021	A - Retain
774	694	Acer saccharum	Sugar Maple	Good	9	-	Wooded area, on slope, healthy	SS3	Oct. 2021	A - Retain
775	693	Tsuga canadensis	Canadian Hemlock	Good	38	52	Wooded area, on slope, union at 1.1m	SS3	Oct. 2021	A - Retain
					36					
776	692	Rhamnus cathartica	European Buckthorn	Fair	7	-	Wooded area, on slope, healthy	SS3	Oct. 2021	C2 - Remove Invasive
777	691	Tsuga canadensis	Canadian Hemlock	Good	21	-	Wooded area, on slope, healthy	SS3	Oct. 2021	A - Retain
778	690	Tsuga canadensis	Canadian Hemlock	Good	39	-	Wooded area, on slope, healthy	SS3	Oct. 2021	A - Retain
779	689	Tsuga canadensis	Canadian Hemlock	Good	31	-	Wooded area, on slope, healthy	SS3	Oct. 2021	A - Retain
780	688	Thuja occidentalis	Eastern White Cedar	Good	9	-	Wooded area, on slope, healthy	SS3	Oct. 2021	A - Retain
781	687	Tilia americana	Basswood	Good	10	-	Wooded area, on slope, healthy	SS3	Oct. 2021	A - Retain
782	686	Tilia americana	Basswood	Good	18	-	Wooded area, on slope, healthy	SS3	Oct. 2021	A - Retain
783	685	Tilia americana	Basswood	Good	18	23	Wooded area, top of slope, union at grade	SS3	Oct. 2021	A - Retain
					14					
784	684	Tilia americana	Basswood	Good	16	-	Wooded area, top of slope, healthy	SS3	Oct. 2021	A - Retain
785	683	Thuja occidentalis	Eastern White Cedar	Good	8	-	Wooded area, top of slope, healthy	SS3	Oct. 2021	A - Retain
786	682	Juglans nigra	Black Walnut	Good	29	-	Wooded area, top of slope, healthy	SS3	Oct. 2021	A - Retain
787	681	Tilia americana	Basswood	Good	11	-	Wooded area, top of slope, second stem dead	SS3	Oct. 2021	A - Retain
788	680	Tilia americana	Basswood	Good	22	30	Wooded area, top of slope, union at 0.2m	SS3	Oct. 2021	A - Retain
					20					
789	679	Fraxinus sp.	Ash Species	Good	7	-	Wooded area, top of slope, healthy	SS3	Oct. 2021	A - Retain
790	678	Acer saccharum	Sugar Maple	Good	22	26	Wooded area, top of slope, union at 1.0m	SS3	Oct. 2021	A - Retain
					13					
791	677	Acer saccharum	Sugar Maple	Good	23	-	Wooded area, top of slope, healthy	SS3	Oct. 2021	A - Retain
792	676	Acer saccharum	Sugar Maple	Good	7	-	Wooded area, top of slope, healthy	SS3	Oct. 2021	A - Retain
793	675	Tilia americana	Basswood	Good	8	-	Wooded area, top of slope, lean (l)	SS3	Oct. 2021	A - Retain
794	674	Tilia americana	Basswood	Good	12	-	Wooded area, top of slope, healthy	SS3	Oct. 2021	A - Retain
795	673	Betula papyrifera	Paper Birch	Good	36	-	Wooded area, top of slope, healthy	SS3	Oct. 2021	A - Retain
796	672	Ulmus americana	American Elm	Good	12	-	Wooded area, on slope, healthy	SS3	Oct. 2021	A - Retain
797	671	Thuja occidentalis	Eastern White Cedar	Good	16	-	Wooded area, on slope, healthy	SS3	Oct. 2021	A - Retain
798	670	Pinus strobus	White Pine	Fair	18	-	Wooded area, on slope, fair vigor	SS3	Oct. 2021	A - Retain
799	669	Tsuga canadensis	Canadian Hemlock	Good	11	-	Wooded area, on slope, healthy	SS3	Oct. 2021	A - Retain
800	668	Tsuga canadensis	Canadian Hemlock	Good	34	47	Wooded area, on slope, union at 1.0m	SS3	Oct. 2021	A - Retain
					28					
					16					
801	667	Tsuga canadensis	Canadian Hemlock	Good	18	-	Wooded area, on slope, healthy	SS3	Oct. 2021	A - Retain
802	666	Tsuga canadensis	Canadian Hemlock	Good	22	-	Wooded area, on slope, healthy	SS3	Oct. 2021	A - Retain
803	665	Thuja occidentalis	Eastern White Cedar	Good	11	-	Wooded area, on slope, healthy	SS3	Oct. 2021	A - Retain
804	664	Thuja occidentalis	Eastern White Cedar	Good	10	-	Wooded area, on slope, lean (m)	SS3	Oct. 2021	A - Retain
805	663	Acer saccharum	Sugar Maple	Good	30	-	Wooded area, on slope, healthy	SS3	Oct. 2021	A - Retain
806	662	Thuja occidentalis	Eastern White Cedar	Good	9	-	Wooded area, on slope, healthy	SS3	Oct. 2021	A - Retain
807	661	Thuja occidentalis	Eastern White Cedar	Good	8	-	Wooded area, on slope, healthy	SS3	Oct. 2021	A - Retain
808	660	Thuja occidentalis	Eastern White Cedar	Good	10	-	Wooded area, on slope, healthy	SS3	Oct. 2021	A - Retain

APPENDIX A: TREE INVENTORY & ASSESSMENT MATRIX

SCHOLLEN & Company Inc.
National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON
 Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)
 PROJECT NO. 17069

LEGEND

(l): low, (m): moderate, (h): high severity
****DBH:** Diameter at Breast Height (1.4m off finished grade).
*****Cumulative DBH:** Calculated using square root of all stems squared on multi-stemmed trees.
***Ownership Categories**
SS1 - Tree is located within the Bahá'í National Centre Site (7200 Leslie St.)
SS2 - Tree is located within the Proposed Bahá'í Temple Site
SS3 - Tree is located within the proposed Bahá'í Welcome Centre Site (7290 Leslie St.)
L St. - Tree is owned and situated within the City of Markham road allowance (Leslie Street)
W Ct. - Tree is owned and situated within the City of Markham road allowance (Waterloo Court)
City. - Tree is owned and situated within the City of Markham park lands
Boundary - Trees with trunk(s) growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

- *Recommendations**
A - Tree to be retained. (524 trees)
B1 - Removal of tree required due to conflicts with proposed development and grading - 20cm+ DBH (158 trees)
B2 - Removal of tree required due to conflicts with proposed development and grading - 0-19cm DBH (76 trees)
C1 - Removal of Invasive Species recommended - 20cm+ DBH (27 trees)
C2 - Removal of Invasive Species recommended - 0-19cm DBH (195 trees)
D - Removal of dead tree recommended. (46 trees)
E - Tree to be retained with injury. (56 trees)
F - Dead tree to remain. (10 trees)
G - Inventoried tree has been removed or has fallen. (43 trees)

Tree No.	Tag No.	Species		Condition Rating	DBH (cm)**	Cum. DBH (cm)***	Notes	Ownership Categories****	Date of Assessment	Recommendations *
		Botanical Name	Common Name							
809	659	Picea glauca	White Spruce	Fair	13	-	Wooded area, on slope, fair vigor, broken leader	SS3	Oct. 2021	A - Retain
810	658	Thuja occidentalis	Eastern White Cedar	Good	8	-	Wooded area, on slope, healthy	SS3	Oct. 2021	A - Retain
811	657	Picea glauca	White Spruce	Good	46	-	Wooded area, top of slope, healthy	SS3	Oct. 2021	A - Retain
812	656	Picea glauca	White Spruce	Good	37	-	Wooded area, top of slope, healthy	SS3	Oct. 2021	A - Retain
813	655	Tilia americana	Basswood	Good	15	-	Wooded area, top of slope, healthy	SS3	Oct. 2021	A - Retain
814	654	Prunus serotina	Black Cherry	Fair	23	-	Wooded area, growing through chain link fence, Gypsy Moth eggs on trunk, curved stem (l)	SS3	Oct. 2021	A - Retain
815	653	Thuja occidentalis	Eastern White Cedar	Good	32	34	Wooded area, healthy	SS3	Oct. 2021	E - Injure
					11					
816	652	Prunus serotina	Black Cherry	Fair	23	-	Wooded area, growing through chain link fence, lean (m)	SS3	Oct. 2021	A - Retain
817	651	Acer saccharum	Sugar Maple	Good	11	-	Wooded area, healthy	SS3	Oct. 2021	E - Injure
818	650	Thuja occidentalis	Eastern White Cedar	Good	23	38	Wooded area, clumped	SS3	Oct. 2021	E - Injure
					18					
					17					
					12					
					11					
819	649	Thuja occidentalis	Eastern White Cedar	Good	28	-	Wooded area, healthy	SS3	Oct. 2021	E - Injure
820	648	Thuja occidentalis	Eastern White Cedar	Good	40	44	Wooded area, healthy	SS3	Oct. 2021	E - Injure
					18					
821	647	Thuja occidentalis	Eastern White Cedar	Good	7	-	Wooded area, healthy	SS3	Oct. 2021	A - Retain
822	646	Thuja occidentalis	Eastern White Cedar	Good	35	-	Wooded area, healthy	SS3	Oct. 2021	E - Injure
823	645	Thuja occidentalis	Eastern White Cedar	Good	29	-	Wooded area, healthy	SS3	Oct. 2021	E - Injure
824	644	Thuja occidentalis	Eastern White Cedar	Good	27	-	Wooded area, healthy	SS3	Oct. 2021	E - Injure
825	643	Thuja occidentalis	Eastern White Cedar	Good	43	-	Wooded area, healthy	SS3	Oct. 2021	B1 - Remove Dvlp
826	642	Rhamnus cathartica	European Buckthorn	Fair	22	-	Wooded area, healthy	SS3	Oct. 2021	C1 - Remove Invasive
827	641	Thuja occidentalis	Eastern White Cedar	Good	8	-	Wooded area, healthy	SS3	Oct. 2021	B2 - Remove Dvlp
828	640	Acer negundo	Manitoba Maple	Poor	18	23	Wooded area, decayed wood on stem, fruiting bodies on stem	SS3	Oct. 2021	C1 - Remove Invasive
					15					
829	639	Fraxinus sp.	Ash Species	Poor	9	-	Wooded area, several removed stem, clumped suckers at base (m)	SS3	Oct. 2021	B2 - Remove Dvlp
830	638	Acer negundo	Manitoba Maple	Fair	14	-	Wooded area, lean (l), suckers emerging from stem (l)	SS3	Oct. 2021	C2 - Remove Invasive
831	637	Pinus sylvestris	Scots Pine	Fair	18	-	Wooded area edge, second stem dead	SS3	Oct. 2021	A - Retain
832	636	Pinus sylvestris	Scots Pine	Good	22	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
833	635	Tilia americana	Basswood	Good	10	13	Wooded area edge, union at grade	SS3	Oct. 2021	A - Retain
					9					
834	634	Acer negundo	Manitoba Maple	Fair	33	-	Wooded area edge, broken branches in canopy, lean (l)	SS3	Oct. 2021	A - Retain
835	633	Juglans nigra	Black Walnut	Fair	17	-	Wooded area edge, lean (s) over driveway	SS3	Oct. 2021	A - Retain
836	632	Acer saccharum	Sugar Maple	Good	17	19	Wooded area edge, union at 1.0m	SS3	Oct. 2021	A - Retain
					8					
837	631	Acer saccharum	Sugar Maple	Good	20	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
838	630	Acer saccharum	Sugar Maple	Good	16	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
839	629	Acer saccharum	Sugar Maple	Good	43	-	Wooded area edge, on slope, healthy	SS3	Oct. 2021	A - Retain
840	628	Prunus serotina	Black Cherry	Good	45	-	Wooded area edge, on slope, healthy	SS3	Oct. 2021	A - Retain
841	627	Acer saccharum	Sugar Maple	Good	10	-	Wooded area edge, on slope, healthy	SS3	Oct. 2021	A - Retain
842	626	Tsuga canadensis	Canadian Hemlock	Good	49	-	Wooded area edge, on slope, healthy	SS3	Oct. 2021	A - Retain

APPENDIX A: TREE INVENTORY & ASSESSMENT MATRIX

SCHOLLEN & Company Inc.
National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON
 Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)
 PROJECT NO. 17069

LEGEND

(l): low, (m): moderate, (h): high severity
****DBH:** Diameter at Breast Height (1.4m off finished grade).
*****Cumulative DBH:** Calculated using square root of all stems squared on multi-stemmed trees.
***Ownership Categories**
SS1 - Tree is located within the Bahá'í National Centre Site (7200 Leslie St.)
SS2 - Tree is located within the Proposed Bahá'í Temple Site
SS3 - Tree is located within the proposed Bahá'í Welcome Centre Site (7290 Leslie St.)
L St. - Tree is owned and situated within the City of Markham road allowance (Leslie Street)
W Ct. - Tree is owned and situated within the City of Markham road allowance (Waterloo Court)
City. - Tree is owned and situated within the City of Markham park lands
Boundary - Trees with trunk(s) growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

- *Recommendations**
- A** - Tree to be retained. (524 trees)
 - B1** - Removal of tree required due to conflicts with proposed development and grading - 20cm+ DBH (158 trees)
 - B2** - Removal of tree required due to conflicts with proposed development and grading - 0-19cm DBH (76 trees)
 - C1** - Removal of Invasive Species recommended - 20cm+ DBH (27 trees)
 - C2** - Removal of Invasive Species recommended - 0-19cm DBH (195 trees)
 - D** - Removal of dead tree recommended. (46 trees)
 - E** - Tree to be retained with injury. (56 trees)
 - F** - Dead tree to remain. (10 trees)
 - G** - Inventoried tree has been removed or has fallen. (43 trees)

Tree No.	Tag No.	Species		Condition Rating	DBH (cm)**	Cum. DBH (cm)***	Notes	Ownership Categories****	Date of Assessment	Recommendations *
		Botanical Name	Common Name							
843	625	Tsuga canadensis	Canadian Hemlock	Good	18	-	Wooded area edge, on slope, healthy	SS3	Oct. 2021	A - Retain
844	624	Tsuga canadensis	Canadian Hemlock	Good	73	-	Wooded area edge, on slope, healthy	SS3	Oct. 2021	A - Retain
845	623	Tsuga canadensis	Canadian Hemlock	Poor	16	-	Wooded area edge, on slope, snapped leader	SS3	Oct. 2021	A - Retain
846	622	Tsuga canadensis	Canadian Hemlock	Good	24	-	Wooded area edge, on slope, snapped leader, secondary stem has assumed terminal control	SS3	Oct. 2021	A - Retain
847	621	Tsuga canadensis	Canadian Hemlock	Good	10	-	Wooded area edge, on slope, healthy	SS3	Oct. 2021	A - Retain
848	620	Acer saccharum	Sugar Maple	Good	9	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
849	619	Betula nigra	River Birch	Poor	21	-	Wooded area edge, 20% dead wood, lean (l)	SS3	Oct. 2021	A - Retain
850	618	Acer saccharum	Sugar Maple	Good	7	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
851	617	Rhamnus cathartica	European Buckthorn	Fair	14	-	Wooded area edge	SS3	Oct. 2021	C2 - Remove Invasive
852	616	Dead Tree	-	Dead	-	-	Dead tree.	SS3	Oct. 2021	F - Retain Dead
853	615	Acer saccharum	Sugar Maple	Good	60	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
854	614	Acer saccharum	Sugar Maple	Good	7	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
855	613	Betula papyrifera	Paper Birch	Good	48	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
856	612	Quercus rubra	Red Oak	Good	23	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
857	611	Quercus rubra	Red Oak	Good	58	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
858	610	Acer saccharum	Sugar Maple	Good	21	24	Wooded area edge, union at grade	SS3	Oct. 2021	A - Retain
859	609	Acer saccharum	Sugar Maple	Good	23	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
860	608	Pinus strobus	White Pine	Fair	79	-	Wooded area edge, 20% dead wood	SS3	Oct. 2021	A - Retain
861	607	Acer saccharum	Sugar Maple	Good	29	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
862	606	Acer saccharum	Sugar Maple	Good	8	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
863	605	Acer saccharum	Sugar Maple	Good	11	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
864	604	Tilia americana	Basswood	Good	11	14	Wooded area edge, union at 0.1m	SS3	Oct. 2021	A - Retain
865	603	Pinus strobus	White Pine	Fair	81	-	Wooded area edge, fair vigor	SS3	Oct. 2021	A - Retain
866	602	Juglans nigra	Black Walnut	Good	30	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
867	601	Juglans nigra	Black Walnut	Good	25	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
868	600	Juglans nigra	Black Walnut	Good	10	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
869	599	Pinus strobus	White Pine	Good	92	-	Wooded area edge, on slope, healthy	SS3	Oct. 2021	A - Retain
870	598	Acer saccharum	Sugar Maple	Good	9	-	Wooded area edge, on slope, healthy	SS3	Oct. 2021	A - Retain
871	597	Pinus strobus	White Pine	Good	27	-	Wooded area edge, on slope, healthy	SS3	Oct. 2021	A - Retain
872	596	Acer saccharum	Sugar Maple	Good	26	-	Wooded area edge, on slope, healthy	SS3	Oct. 2021	A - Retain
873	595	Acer saccharum	Sugar Maple	Good	16	19	Wooded area edge, on slope, union at 0.2m	SS3	Oct. 2021	A - Retain
874	594	Acer saccharum	Sugar Maple	Good	8	11	Wooded area edge, on slope, union at grade	SS3	Oct. 2021	A - Retain
875	593	Malus sp.	Apple Species	Fair	26	-	Wooded area edge, lean (m)	SS3	Oct. 2021	A - Retain
876	592	Robinia pseudoacacia	Black Locust	Good	41	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
877	591	Juglans nigra	Black Walnut	Good	7	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
878	590	Acer saccharum	Sugar Maple	Good	16	22	Wooded area edge, union at grade	SS3	Oct. 2021	A - Retain

APPENDIX A: TREE INVENTORY & ASSESSMENT MATRIX

SCHOLLEN & Company Inc.

National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON

Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)

PROJECT NO. 17069

LEGEND

(l): low, (m): moderate, (h): high severity

**DBH: Diameter at Breast Height (1.4m off finished grade).

***Cumulative DBH: Calculated using square root of all stems squared on multi-stemmed trees.

***Ownership Categories**

SS1 - Tree is located within the Bahá'í National Centre Site (7200 Leslie St.)

SS2 - Tree is located within the Proposed Bahá'í Temple Site

SS3 - Tree is located within the proposed Bahá'í Welcome Centre Site (7290 Leslie St.)

L St. - Tree is owned and situated within the City of Markham road allowance (Leslie Street)

W Ct. - Tree is owned and situated within the City of Markham road allowance (Waterloo Court)

City. - Tree is owned and situated within the City of Markham park lands

Boundary - Trees with trunk(s) growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

***Recommendations**

A - Tree to be retained. (524 trees)

B1 - Removal of tree required due to conflicts with proposed development and grading - 20cm+ DBH (158 trees)

B2 - Removal of tree required due to conflicts with proposed development and grading - 0-19cm DBH (76 trees)

C1 - Removal of Invasive Species recommended - 20cm+ DBH (27 trees)

C2 - Removal of Invasive Species recommended - 0-19cm DBH (195 trees)

D - Removal of dead tree recommended. (46 trees)

E - Tree to be retained with injury. (56 trees)

F - Dead tree to remain. (10 trees)

G - Inventoried tree has been removed or has fallen. (43 trees)

Tree No.	Tag No.	Species		Condition Rating	DBH (cm)**	Cum. DBH (cm)***	Notes	Ownership Categories ****	Date of Assessment	Recommendations *
		Botanical Name	Common Name							
879	589	Juglans nigra	Black Walnut	Good	21	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
880	588	Acer saccharum	Sugar Maple	Good	28	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
881	587	Pinus resinosa	Red Pine	Poor	34	-	Wooded area edge, poor vigor	SS3	Oct. 2021	A - Retain
882	586	Acer saccharum	Sugar Maple	Good	24	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
883	585	Acer saccharum	Sugar Maple	Good	14	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
884	584	Acer saccharum	Sugar Maple	Good	19	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
885	583	Acer saccharum	Sugar Maple	Good	10	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
886	582	Acer saccharum	Sugar Maple	Good	24	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
887	581	Acer saccharum	Sugar Maple	Good	13	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
888	580	Quercus rubra	Red Oak	Good	38	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
889	579	Acer saccharum	Sugar Maple	Good	47	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
890	578	Juglans nigra	Black Walnut	Good	31	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
891	577	Thuja occidentalis	Eastern White Cedar	Good	21	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
892	576	Thuja occidentalis	Eastern White Cedar	Good	22	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
893	575	Thuja occidentalis	Eastern White Cedar	Good	16	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
894	574	Thuja occidentalis	Eastern White Cedar	Good	23	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
895	573	Thuja occidentalis	Eastern White Cedar	Good	25	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
896	572	Thuja occidentalis	Eastern White Cedar	Good	32	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
897	571	Thuja occidentalis	Eastern White Cedar	Good	30	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
898	570	Thuja occidentalis	Eastern White Cedar	Good	33	-	Wooded area edge, healthy	SS3	Oct. 2021	A - Retain
899	569	Thuja occidentalis	Eastern White Cedar	Good	22	-	Wooded area, adjacent to road, healthy	SS3	Oct. 2021	A - Retain
900	568	Thuja occidentalis	Eastern White Cedar	Good	33	-	Wooded area, adjacent to road, healthy	SS3	Oct. 2021	A - Retain
901	567	Acer negundo	Manitoba Maple	Fair	11	-	Wooded area, adjacent to road, healthy	SS3	Oct. 2021	E - Injure
902	566	Thuja occidentalis	Eastern White Cedar	Good	21	-	Wooded area, adjacent to road, healthy	Boundary	Oct. 2021	A - Retain
903	565	Thuja occidentalis	Eastern White Cedar	Good	23	-	Wooded area, adjacent to road, healthy	SS3	Oct. 2021	A - Retain
904	564	Thuja occidentalis	Eastern White Cedar	Good	10	-	Wooded area, adjacent to road, healthy	SS3	Oct. 2021	A - Retain
905	563	Thuja occidentalis	Eastern White Cedar	Fair	20	-	Wooded area, adjacent to road, lean (m)	SS3	Oct. 2021	A - Retain
906	562	Acer negundo	Manitoba Maple	Fair	38	47	Wooded area, adjacent to road, suckers emerging from base and stem (m)	City	Oct. 2021	C1 - Remove Invasive
907	561	Tilia americana	Basswood	Fair	29	54	Wooded area, City of Markham trail lands, clumped	City	Oct. 2021	A - Retain
					25					
					24					
					17					
					17					
					13					
					13					
908	560	Acer negundo	Manitoba Maple	Poor	32	-	Wooded area, City of Markham trail lands, suckers emerging from base and stem (m), leader removed	City	Oct. 2021	C1 - Remove Invasive
909	559	Tilia americana	Basswood	Good	14	-	Wooded area, City of Markham trail lands, lean (l)	City	Oct. 2021	A - Retain
910	558	Rhamnus cathartica	European Buckthorn	Fair	11	-	Wooded area, City of Markham trail lands	City	Oct. 2021	C2 - Remove Invasive
911	557	Acer negundo	Manitoba Maple	Poor	18	-	Wooded area, City of Markham trail lands, lean (m), suckers emerging from stem (m), poor vigor	City	Oct. 2021	C2 - Remove Invasive
912	556	Acer negundo	Manitoba Maple	Poor	12	-	Wooded area, City of Markham trail lands, lean (s), suckers emerging from stem (m), poor vigor	City	Oct. 2021	C2 - Remove Invasive
913	555	Acer negundo	Manitoba Maple	Fair	16	-	Wooded area, City of Markham trail lands, lean (m), suckers emerging from stem (l)	City	Oct. 2021	A - Retain

APPENDIX A: TREE INVENTORY & ASSESSMENT MATRIX

SCHOLLEN & Company Inc.
National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON
 Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)
 PROJECT NO. 17069

LEGEND

- (l): low, (m): moderate, (h): high severity
- **DBH: Diameter at Breast Height (1.4m off finished grade).
- ***Cumulative DBH: Calculated using square root of all stems squared on multi-stemmed trees.
- *Ownership Categories**
- SS1 - Tree is located within the Bahá'í National Centre Site (7200 Leslie St.)
- SS2 - Tree is located within the Proposed Bahá'í Temple Site
- SS3 - Tree is located within the proposed Bahá'í Welcome Centre Site (7290 Leslie St.)
- L St. - Tree is owned and situated within the City of Markham road allowance (Leslie Street)
- W Ct. - Tree is owned and situated within the City of Markham road allowance (Waterloo Court)
- City - Tree is owned and situated within the City of Markham park lands
- Boundary - Trees with trunk(s) growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

***Recommendations**

- A - Tree to be retained. (524 trees)
- B1 - Removal of tree required due to conflicts with proposed development and grading - 20cm+ DBH (158 trees)
- B2 - Removal of tree required due to conflicts with proposed development and grading - 0-19cm DBH (76 trees)
- C1 - Removal of Invasive Species recommended - 20cm+ DBH (27 trees)
- C2 - Removal of Invasive Species recommended - 0-19cm DBH (195 trees)
- D - Removal of dead tree recommended. (46 trees)
- E - Tree to be retained with injury. (56 trees)
- F - Dead tree to remain. (10 trees)
- G - Inventoried tree has been removed or has fallen. (43 trees)

Tree No.	Tag No.	Species		Condition Rating	DBH (cm)**	Cum. DBH (cm)***	Notes	Ownership Categories****	Date of Assessment	Recommendations *
		Botanical Name	Common Name							
914	554	Acer negundo	Manitoba Maple	Fair	33	-	Wooded area, City of Markham trail lands, lean (m), suckers emerging from stem (l)	City	Oct. 2021	A - Retain
915	553	Acer negundo	Manitoba Maple	Poor	17	-	Wooded area, City of Markham trail lands, lean (s), dead leader, secondary stem has assumed terminal control, suckers emerging from stem (s)	City	Oct. 2021	A - Retain
916	552	Tsuga canadensis	Canadian Hemlock	Good	31	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
917	551	Dead Tree	-	Dead	-	-	Dead tree.	City	Oct. 2021	F - Retain Dead
918	550	Fraxinus sp.	Ash Species	Fair	34	39	Wooded area, City of Markham trail lands, union at 1.4m, tree fallen on top	City	Oct. 2021	A - Retain
919	549	Acer negundo	Manitoba Maple	Fair	10	-	Wooded area, City of Markham trail lands, suckers emerging from stem (l)	City	Oct. 2021	A - Retain
920	548	Acer negundo	Manitoba Maple	Poor	9	-	Wooded area, City of Markham trail lands, lean (m), suckers emerging from stem (m)	City	Oct. 2021	A - Retain
921	547	Acer negundo	Manitoba Maple	Poor	13	-	Wooded area, City of Markham trail lands, lean (m), suckers emerging from stem (m)	City	Oct. 2021	A - Retain
922	546	Acer negundo	Manitoba Maple	Poor	10	-	Wooded area, City of Markham trail lands, lean (m), suckers emerging from stem (m)	City	Oct. 2021	A - Retain
923	545	Fraxinus sp.	Ash Species	Good	10	-	Wooded area, City of Markham trail lands, curved stem (l)	City	Oct. 2021	A - Retain
924	544	Rhamnus cathartica	European Buckthorn	Fair	13	-	Wooded area, City of Markham trail lands	City	Oct. 2021	C2 - Remove Invasive
925	543	Dead Tree	-	Dead	54	-	Wooded area, City of Markham trail lands, recently dead	City	Oct. 2021	F - Retain Dead
926	542	Malus sp.	Apple Species	Fair	34	-	Wooded area, City of Markham trail lands, 30% dead wood	City	Oct. 2021	A - Retain
927	541	Acer saccharum	Sugar Maple	Good	6	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
928	540	Acer negundo	Manitoba Maple	Poor	9	-	Wooded area, City of Markham trail lands, suckers emerging from stem (s), lean (m), 50% dead wood	City	Oct. 2021	A - Retain
929	539	Acer negundo	Manitoba Maple	Fair	13	-	Wooded area, City of Markham trail lands, lean (l), suckers emerging from base (l)	City	Oct. 2021	A - Retain
930	538	Thuja occidentalis	Eastern White Cedar	Fair	35	-	Wooded area, City of Markham trail lands, wounds on trunk (l), dead stem	City	Oct. 2021	A - Retain
931	537	Rhamnus cathartica	European Buckthorn	Fair	14	-	Wooded area, City of Markham trail lands	City	Oct. 2021	C2 - Remove Invasive
932	536	Acer negundo	Manitoba Maple	Poor	32	-	Wooded area, City of Markham trail lands, suckers emerging from stem (s), lean (m), crooked stem (m)	City	Oct. 2021	C1 - Remove Invasive
933	535	Picea glauca	White Spruce	Good	30	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
934	534	Acer saccharum	Sugar Maple	Good	8	-	Wooded area, City of Markham trail lands, healthy	Boundary	Oct. 2021	A - Retain
935	533	Acer saccharum	Sugar Maple	Good	5	-	Wooded area, City of Markham trail lands, growing through fence	Boundary	Oct. 2021	A - Retain
936	532	Acer saccharum	Sugar Maple	Good	9	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
937	531	Tilia americana	Basswood	Fair	14	20	Wooded area, City of Markham trail lands, second stem dead, third stem has assumed terminal control, union at grade	City	Oct. 2021	A - Retain
938	530	Crataegus sp.	Hawthorn Species	Fair	19	25	Wooded area, City of Markham trail lands, second stem dead, fair vigor	City	Oct. 2021	A - Retain
939	529	Acer saccharum	Sugar Maple	Good	14	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
940	528	Tilia americana	Basswood	Fair	17	-	Wooded area, City of Markham trail lands, lean (s), suckers emerging from stem (l)	City	Oct. 2021	A - Retain
941	527	Tsuga canadensis	Canadian Hemlock	Good	49	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
942	526	Acer saccharum	Sugar Maple	Good	17	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
943	525	Acer saccharum	Sugar Maple	Good	14	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
944	524	Acer saccharum	Sugar Maple	Good	7	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
945	523	Acer saccharum	Sugar Maple	Good	12	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
946	522	Acer saccharum	Sugar Maple	Good	14	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
947	521	Acer saccharum	Sugar Maple	Good	8	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
948	520	Acer saccharum	Sugar Maple	Good	7	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
949	519	Acer saccharum	Sugar Maple	Good	19	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
950	518	Acer saccharum	Sugar Maple	Good	7	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
951	517	Acer saccharum	Sugar Maple	Good	8	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain

APPENDIX A: TREE INVENTORY & ASSESSMENT MATRIX

SCHOLLEN & Company Inc.

National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON

Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)

PROJECT NO. 17069

LEGEND

(l): low, (m): moderate, (h): high severity

****DBH:** Diameter at Breast Height (1.4m off finished grade).

*****Cumulative DBH:** Calculated using square root of all stems squared on multi-stemmed trees.

***Ownership Categories**

SS1 - Tree is located within the Bahá'í National Centre Site (7200 Leslie St.)

SS2 - Tree is located within the Proposed Bahá'í Temple Site

SS3 - Tree is located within the proposed Bahá'í Welcome Centre Site (7290 Leslie St.)

L St. - Tree is owned and situated within the City of Markham road allowance (Leslie Street)

W Ct. - Tree is owned and situated within the City of Markham road allowance (Waterloo Court)

City. - Tree is owned and situated within the City of Markham park lands

Boundary - Trees with trunk(s) growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

***Recommendations**

A - Tree to be retained. (524 trees)

B1 - Removal of tree required due to conflicts with proposed development and grading - 20cm+ DBH (158 trees)

B2 - Removal of tree required due to conflicts with proposed development and grading - 0-19cm DBH (76 trees)

C1 - Removal of Invasive Species recommended - 20cm+ DBH (27 trees)

C2 - Removal of Invasive Species recommended - 0-19cm DBH (195 trees)

D - Removal of dead tree recommended. (46 trees)

E - Tree to be retained with injury. (56 trees)

F - Dead tree to remain. (10 trees)

G - Inventoried tree has been removed or has fallen. (43 trees)

Tree No.	Tag No.	Species		Condition Rating	DBH (cm)**	Cum. DBH (cm)***	Notes	Ownership Categories ****	Date of Assessment	Recommendations *
		Botanical Name	Common Name							
952	516	Acer saccharum	Sugar Maple	Good	14	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
953	515	Acer saccharum	Sugar Maple	Good	8	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
954	514	Acer saccharum	Sugar Maple	Good	10	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
955	513	Acer saccharum	Sugar Maple	Good	13	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
956	512	Acer saccharum	Sugar Maple	Good	10	13	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
957	511	Acer saccharum	Sugar Maple	Good	8	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
958	510	Acer saccharum	Sugar Maple	Good	10	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
959	509	Acer saccharum	Sugar Maple	Good	8	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
960	508	Acer saccharum	Sugar Maple	Good	7	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
961	507	Pinus resinosa	Red Pine	Fair	40	-	Wooded area, City of Markham trail lands, fair vigor	City	Oct. 2021	A - Retain
962	506	Acer saccharum	Sugar Maple	Good	18	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
963	505	Robinia pseudoacacia	Black Locust	Good	19	-	Wooded area, City of Markham trail lands, lean (l)	Boundary	Oct. 2021	A - Retain
964	504	Acer saccharum	Sugar Maple	Good	9	-	Wooded area, City of Markham trail lands, healthy	Boundary	Oct. 2021	A - Retain
965	503	Dead Tree	-	Dead	-	-	Dead tree.	City	Oct. 2021	F - Retain Dead
966	502	Acer saccharum	Sugar Maple	Good	24	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
967	501	Acer saccharum	Sugar Maple	Good	11	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
968	500	Rhamnus cathartica	European Buckthorn	Fair	10	-	Wooded area, City of Markham trail lands	City	Oct. 2021	C2 - Remove Invasive
969	499	Tsuga canadensis	Canadian Hemlock	Good	69	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
970	498	Acer saccharum	Sugar Maple	Good	22	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
971	497	Acer saccharum	Sugar Maple	Good	8	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
972	496	Acer saccharum	Sugar Maple	Good	7	-	Wooded area, City of Markham trail lands, healthy	Boundary	Oct. 2021	A - Retain
973	495	Acer saccharum	Sugar Maple	Good	17	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
974	494	Acer saccharum	Sugar Maple	Good	17	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
975	493	Acer saccharum	Sugar Maple	Good	13	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
976	492	Acer saccharum	Sugar Maple	Good	18	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
977	491	Acer saccharum	Sugar Maple	Good	14	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
978	490	Acer saccharum	Sugar Maple	Good	7	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
979	489	Acer saccharum	Sugar Maple	Good	6	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
980	488	Acer saccharum	Sugar Maple	Good	9	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
981	487	Acer saccharum	Sugar Maple	Good	16	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
982	486	Acer saccharum	Sugar Maple	Good	16	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
983	485	Acer saccharum	Sugar Maple	Good	9	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
984	484	Rhamnus cathartica	European Buckthorn	Fair	7	-	Wooded area, City of Markham trail lands	City	Oct. 2021	C2 - Remove Invasive
985	483	Acer saccharum	Sugar Maple	Good	97	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
986	482	Acer saccharum	Sugar Maple	Good	7	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
987	481	Acer saccharum	Sugar Maple	Good	12	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
988	480	Tilia americana	Basswood	Good	20	23	Wooded area, City of Markham trail lands, union at 0.4m	City	Oct. 2021	A - Retain
989	479	Acer saccharum	Sugar Maple	Good	10	-	Wooded area, City of Markham trail lands, at fence line	City	Oct. 2021	A - Retain
990	478	Prunus serotina	Black Cherry	Good	29	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
991	477	Acer saccharum	Sugar Maple	Good	12	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain

APPENDIX A: TREE INVENTORY & ASSESSMENT MATRIX

SCHOLLEN & Company Inc.

National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON

Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)

PROJECT NO. 17069

LEGEND

(l): low, (m): moderate, (h): high severity

****DBH:** Diameter at Breast Height (1.4m off finished grade).

*****Cumulative DBH:** Calculated using square root of all stems squared on multi-stemmed trees.

***Ownership Categories**

SS1 - Tree is located within the Bahá'í National Centre Site (7200 Leslie St.)

SS2 - Tree is located within the Proposed Bahá'í Temple Site

SS3 - Tree is located within the proposed Bahá'í Welcome Centre Site (7290 Leslie St.)

L St. - Tree is owned and situated within the City of Markham road allowance (Leslie Street)

W Ct. - Tree is owned and situated within the City of Markham road allowance (Waterloo Court)

City. - Tree is owned and situated within the City of Markham park lands

Boundary - Trees with trunk(s) growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

***Recommendations**

A - Tree to be retained. (524 trees)

B1 - Removal of tree required due to conflicts with proposed development and grading - 20cm+ DBH (158 trees)

B2 - Removal of tree required due to conflicts with proposed development and grading - 0-19cm DBH (76 trees)

C1 - Removal of Invasive Species recommended - 20cm+ DBH (27 trees)

C2 - Removal of Invasive Species recommended - 0-19cm DBH (195 trees)

D - Removal of dead tree recommended. (46 trees)

E - Tree to be retained with injury. (56 trees)

F - Dead tree to remain. (10 trees)

G - Inventoried tree has been removed or has fallen. (43 trees)

Tree No.	Tag No.	Species		Condition Rating	DBH (cm)**	Cum. DBH (cm)***	Notes	Ownership Categories****	Date of Assessment	Recommendations *
		Botanical Name	Common Name							
992	476	Acer saccharum	Sugar Maple	Fair	17	-	Wooded area, City of Markham trail lands, trunk girdled by wire	City	Oct. 2021	A - Retain
993	475	Acer saccharum	Sugar Maple	Good	21	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
994	474	Acer saccharum	Sugar Maple	Good	24	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
995	473	Acer saccharum	Sugar Maple	Good	9	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
996	472	Fraxinus sp.	Ash Species	Good	9	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
997	471	Acer saccharum	Sugar Maple	Good	7	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
998	470	Fraxinus sp.	Ash Species	Good	18	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
999	469	Acer saccharum	Sugar Maple	Good	9	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
1000	468	Acer saccharum	Sugar Maple	Good	18	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
1001	467	Acer saccharum	Sugar Maple	Good	9	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
1002	466	Acer saccharum	Sugar Maple	Good	13	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
1003	465	Acer saccharum	Sugar Maple	Good	7	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
1004	464	Acer saccharum	Sugar Maple	Good	9	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
1005	463	Acer saccharum	Sugar Maple	Good	8	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
1006	462	Juglans nigra	Black Walnut	Good	42	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
1007	461	Juglans nigra	Black Walnut	Good	47	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
1008	460	Juglans nigra	Black Walnut	Good	19	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
1009	459	Juglans nigra	Black Walnut	Good	26	-	Wooded area, City of Markham trail lands, healthy	City	Oct. 2021	A - Retain
1010	458	Juglans nigra	Black Walnut	Good	70	-	Wooded area, top of slope, healthy	SS3	Oct. 2021	A - Retain
1011	457	Tilia americana	Basswood	Good	36	-	Wooded area, on slope, healthy	SS3	Oct. 2021	A - Retain
1012	456	Acer saccharum	Sugar Maple	Good	10	-	Wooded area, healthy	SS3	Nov. 2021	A - Retain
1013	455	Acer saccharum	Sugar Maple	Good	7	-	Wooded area, healthy	SS3	Nov. 2021	A - Retain
1014	454	Acer saccharum	Sugar Maple	Good	10	-	Wooded area, healthy	SS3	Nov. 2021	A - Retain
1015	453	Ulmus americana	American Elm	Good	23	-	Wooded area, healthy	SS3	Nov. 2021	A - Retain
1016	452	Acer saccharum	Sugar Maple	Good	15	-	Wooded area, healthy	SS3	Nov. 2021	A - Retain
1017	451	Pinus resinosa	Red Pine	Poor	22	-	Wooded area, on slope, poor vigor	SS3	Nov. 2021	A - Retain
1018	450	Ostrya virginiana	American Hophornbeam	Good	9	-	Wooded area, on slope, healthy	SS3	Nov. 2021	A - Retain
1019	449	Tsuga canadensis	Canadian Hemlock	Good	11	-	Wooded area, on slope, lean (l)	SS3	Nov. 2021	A - Retain
1020	448	Acer saccharinum	Silver Maple	Fair	55	-	Wooded area, fair vigor	SS3	Nov. 2021	A - Retain
1021	447	Pinus strobus	White Pine	Good	18	-	Wooded area, healthy	SS3	Nov. 2021	A - Retain
1022	446	Acer saccharum	Sugar Maple	Good	19	-	Wooded area, healthy	SS3	Nov. 2021	A - Retain
1023	445	Pinus resinosa	Red Pine	Fair	27	-	Wooded area, fair vigor	SS3	Nov. 2021	A - Retain
1024	444	Pinus resinosa	Red Pine	Poor	32	-	Wooded area, poor vigor, emergence holes in trunk	SS3	Nov. 2021	A - Retain
1025	443	Acer saccharum	Sugar Maple	Good	27	-	Wooded area, healthy	SS3	Nov. 2021	A - Retain
1026	442	Acer saccharum	Sugar Maple	Good	20	-	Wooded area, healthy	SS3	Nov. 2021	A - Retain
1027	366	Pinus resinosa	Red Pine	Fair	29	-	Wooded area, fair vigor	SS3	Nov. 2021	A - Retain
1028	365	Acer saccharum	Sugar Maple	Good	7	-	Wooded area, healthy	SS3	Nov. 2021	A - Retain
1029	364	Acer saccharum	Sugar Maple	Good	9	-	Wooded area, on slope, healthy	SS3	Nov. 2021	A - Retain
1030	363	Tsuga canadensis	Canadian Hemlock	Good	29	-	Wooded area, on slope, healthy	SS3	Nov. 2021	A - Retain
1031	362	Tsuga canadensis	Canadian Hemlock	Good	29	-	Wooded area, on slope, second stem dead	SS3	Nov. 2021	A - Retain
1032	361	Tsuga canadensis	Canadian Hemlock	Fair	71	-	Wooded area, on slope, 30% dead wood, lopsided canopy	SS3	Nov. 2021	A - Retain
1033	360	Acer saccharum	Sugar Maple	Good	13	-	Wooded area, on slope, healthy	SS3	Nov. 2021	A - Retain

APPENDIX A: TREE INVENTORY & ASSESSMENT MATRIX

SCHOLLEN & Company Inc.
National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON
 Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)
 PROJECT NO. 17069

LEGEND

(l): low, (m): moderate, (h): high severity
****DBH:** Diameter at Breast Height (1.4m off finished grade).
*****Cumulative DBH:** Calculated using square root of all stems squared on multi-stemmed trees.
***Ownership Categories**
SS1 - Tree is located within the Bahá'í National Centre Site (7200 Leslie St.)
SS2 - Tree is located within the Proposed Bahá'í Temple Site
SS3 - Tree is located within the proposed Bahá'í Welcome Centre Site (7290 Leslie St.)
L St. - Tree is owned and situated within the City of Markham road allowance (Leslie Street)
W Ct. - Tree is owned and situated within the City of Markham road allowance (Waterloo Court)
City. - Tree is owned and situated within the City of Markham park lands
Boundary - Trees with trunk(s) growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

- *Recommendations**
- A** - Tree to be retained. (524 trees)
 - B1** - Removal of tree required due to conflicts with proposed development and grading - 20cm+ DBH (158 trees)
 - B2** - Removal of tree required due to conflicts with proposed development and grading - 0-19cm DBH (76 trees)
 - C1** - Removal of Invasive Species recommended - 20cm+ DBH (27 trees)
 - C2** - Removal of Invasive Species recommended - 0-19cm DBH (195 trees)
 - D** - Removal of dead tree recommended. (46 trees)
 - E** - Tree to be retained with injury. (56 trees)
 - F** - Dead tree to remain. (10 trees)
 - G** - Inventoried tree has been removed or has fallen. (43 trees)

Tree No.	Tag No.	Species		Condition Rating	DBH (cm)**	Cum. DBH (cm)***	Notes	Ownership Categories****	Date of Assessment	Recommendations *
		Botanical Name	Common Name							
1034	359	Acer saccharum	Sugar Maple	Good	14	-	Wooded area, on slope, tree fallen on top	SS3	Nov. 2021	A - Retain
1035	358	Acer saccharum	Sugar Maple	Good	15	-	Wooded area, on slope, healthy	SS3	Nov. 2021	A - Retain
1036	357	Acer saccharum	Sugar Maple	Good	7	-	Wooded area, on slope, healthy	SS3	Nov. 2021	A - Retain
1037	356	Acer saccharum	Sugar Maple	Good	20	-	Wooded area, on slope, healthy	SS3	Nov. 2021	A - Retain
1038	355	Acer saccharum	Sugar Maple	Good	10	13	Wooded area, on slope, union at grade	SS3	Nov. 2021	A - Retain
					8					
1039	354	Acer saccharum	Sugar Maple	Good	10	-	Wooded area, on slope, healthy	SS3	Nov. 2021	A - Retain
1040	353	Acer saccharum	Sugar Maple	Good	13	-	Wooded area, on slope, healthy	SS3	Nov. 2021	A - Retain
1041	352	Acer saccharum	Sugar Maple	Good	11	-	Wooded area, on slope, sucker emerging from base (l)	SS3	Nov. 2021	A - Retain
1042	351	Acer saccharum	Sugar Maple	Good	7	-	Wooded area, on slope, healthy	SS3	Nov. 2021	A - Retain
1043	350	Acer saccharum	Sugar Maple	Fair	10	-	Wooded area, on slope, tree fallen on top	SS3	Nov. 2021	A - Retain
1044	349	Acer saccharum	Sugar Maple	Good	15	-	Wooded area, on slope, healthy	SS3	Nov. 2021	A - Retain
1045	348	Pinus resinosa	Red Pine	Fair	26	-	Wooded area, on slope, fair vigor	SS3	Nov. 2021	A - Retain
1046	347	Acer saccharum	Sugar Maple	Good	14	-	Wooded area, on slope, healthy	SS3	Nov. 2021	A - Retain
1047	346	Betula papyrifera	Paper Birch	Good	43	-	Wooded area, on slope, 20% dead wood	SS3	Nov. 2021	A - Retain
1048	345	Acer saccharum	Sugar Maple	Good	8	-	Wooded area, on slope, healthy	SS3	Nov. 2021	A - Retain
1049	344	Pinus resinosa	Red Pine	Poor	26	-	Wooded area, on slope, poor vigor	SS3	Nov. 2021	A - Retain
1050	343	Pinus resinosa	Red Pine	Poor	26	-	Wooded area, on slope, poor vigor	SS3	Nov. 2021	A - Retain
1051	342	Acer saccharum	Sugar Maple	Good	11	-	Wooded area, on slope, healthy	SS3	Nov. 2021	A - Retain
1052	341	Acer saccharum	Sugar Maple	Good	20	-	Wooded area, on slope, healthy	SS3	Nov. 2021	A - Retain
1053	340	Acer saccharum	Sugar Maple	Good	6	-	Wooded area, on slope, healthy	SS3	Nov. 2021	A - Retain
1054	339	Acer saccharum	Sugar Maple	Good	7	-	Wooded area, on slope, healthy	SS3	Nov. 2021	A - Retain
1055	338	Acer saccharum	Sugar Maple	Good	8	-	Wooded area, on slope, healthy	SS3	Nov. 2021	A - Retain
1056	337	Acer saccharum	Sugar Maple	Good	14	-	Wooded area, on slope, healthy	SS3	Nov. 2021	A - Retain
1057	336	Acer saccharum	Sugar Maple	Fair	13	-	Wooded area, on slope, wound on trunk with decay (m)	SS3	Nov. 2021	A - Retain
1058	335	Pinus resinosa	Red Pine	Fair	34	-	Wooded area, on slope, crooked stem (l)	SS3	Nov. 2021	A - Retain
1059	334	Acer saccharum	Sugar Maple	Good	7	-	Wooded area, on slope, healthy	SS3	Nov. 2021	A - Retain
1060	333	Acer saccharum	Sugar Maple	Good	14	-	Wooded area, on slope, healthy	SS3	Nov. 2021	A - Retain
1061	441	Acer saccharum	Sugar Maple	Poor	60	-	Wooded area, top of slope, union at 2m with included bark, fruiting bodies emerging from base	SS2	Nov. 2021	A - Retain
1062	440	Acer saccharum	Sugar Maple	Good	57	-	Wooded area, top of slope, 10% dead wood	SS2	Nov. 2021	A - Retain
1063	439	Acer saccharum	Sugar Maple	Good	72	-	Wooded area, top of slope, 10% dead wood	SS2	Nov. 2021	A - Retain
1064	438	Acer saccharum	Sugar Maple	Good	41	-	Wooded area, top of slope, healthy	SS2	Nov. 2021	A - Retain
1065	437	Pinus resinosa	Red Pine	Fair	28	-	Wooded area, fair vigor	SS2	Nov. 2021	A - Retain
1066	436	Rhamnus cathartica	European Buckthorn	Fair	7	-	Wooded area	SS2	Nov. 2021	C2 - Remove Invasive
1067	435	Rhamnus cathartica	European Buckthorn	Fair	6	-	Wooded area	SS2	Nov. 2021	C2 - Remove Invasive
1068	434	Rhamnus cathartica	European Buckthorn	Removed	8	-	Wooded area	SS2	Nov. 2021	G - Removed
1069	433	Rhamnus cathartica	European Buckthorn	Poor	7	-	Wooded area	SS2	Nov. 2021	C2 - Remove Invasive
1070	432	Rhamnus cathartica	European Buckthorn	Removed	12	-	Wooded area	SS2	Nov. 2021	G - Removed
1071	431	Rhamnus cathartica	European Buckthorn	Fair	11	-	Wooded area	SS2	Nov. 2021	C2 - Remove Invasive

APPENDIX A: TREE INVENTORY & ASSESSMENT MATRIX

SCHOLLEN & Company Inc.
National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON
 Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)
 PROJECT NO. 17069

LEGEND

(l): low, (m): moderate, (h): high severity
****DBH:** Diameter at Breast Height (1.4m off finished grade).
*****Cumulative DBH:** Calculated using square root of all stems squared on multi-stemmed trees.
***Ownership Categories**
SS1 - Tree is located within the Bahá'í National Centre Site (7200 Leslie St.)
SS2 - Tree is located within the Proposed Bahá'í Temple Site
SS3 - Tree is located within the proposed Bahá'í Welcome Centre Site (7290 Leslie St.)
L St. - Tree is owned and situated within the City of Markham road allowance (Leslie Street)
W Ct. - Tree is owned and situated within the City of Markham road allowance (Waterloo Court)
City. - Tree is owned and situated within the City of Markham park lands
Boundary - Trees with trunk(s) growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

***Recommendations**
A - Tree to be retained. (524 trees)
B1 - Removal of tree required due to conflicts with proposed development and grading - 20cm+ DBH (158 trees)
B2 - Removal of tree required due to conflicts with proposed development and grading - 0-19cm DBH (76 trees)
C1 - Removal of Invasive Species recommended - 20cm+ DBH (27 trees)
C2 - Removal of Invasive Species recommended - 0-19cm DBH (195 trees)
D - Removal of dead tree recommended. (46 trees)
E - Tree to be retained with injury. (56 trees)
F - Dead tree to remain. (10 trees)
G - Inventoried tree has been removed or has fallen. (43 trees)

Tree No.	Tag No.	Species		Condition Rating	DBH (cm)**	Cum. DBH (cm)***	Notes	Ownership Categories****	Date of Assessment	Recommendations *
		Botanical Name	Common Name							
1072	430	Rhamnus cathartica	European Buckthorn	Fair	16 12 10 8	24	Wooded area	SS2	Nov. 2021	C1 - Remove Invasive
1073	429	Rhamnus cathartica	European Buckthorn	Fair	9	-	Wooded area	SS2	Nov. 2021	C2 - Remove Invasive
1074	428	Pinus sylvestris	Scots Pine	Fair	31	-	Wooded area, fair vigor	SS2	Nov. 2021	A - Retain
1075	427	Pinus resinosa	Red Pine	Good	40	-	Wooded area, healthy	SS2	Nov. 2021	A - Retain
1076	426	Rhamnus cathartica	European Buckthorn	Fair	7	-	Wooded area	SS2	Nov. 2021	C2 - Remove Invasive
1077	425	Rhamnus cathartica	European Buckthorn	Fair	9	-	Wooded area	SS2	Nov. 2021	C2 - Remove Invasive
1078	424	Acer saccharum	Sugar Maple	Good	34	-	Wooded area, top of slope, healthy	SS2	Nov. 2021	A - Retain
1079	423	Acer saccharum	Sugar Maple	Good	57	-	Wooded area, top of slope, 20% dead wood	SS2	Nov. 2021	A - Retain
1080	422	Acer saccharum	Sugar Maple	Good	7	-	Wooded area, top of slope, healthy	SS2	Nov. 2021	A - Retain
1081	421	Tilia americana	Basswood	Good	23	-	Wooded area, top of slope, healthy	SS2	Nov. 2021	A - Retain
1082	420	Rhamnus cathartica	European Buckthorn	Fair	8	-	Wooded area	SS2	Nov. 2021	C2 - Remove Invasive
1083	419	Tilia americana	Basswood	Good	9	-	Wooded area, top of slope, healthy	SS2	Nov. 2021	A - Retain
1084	418	Tilia americana	Basswood	Good	21	-	Wooded area, top of slope, healthy	SS2	Nov. 2021	A - Retain
1085	417	Rhamnus cathartica	European Buckthorn	Fair	12	-	Wooded area	SS2	Nov. 2021	C2 - Remove Invasive
1086	416	Tilia americana	Basswood	Good	10	-	Wooded area, healthy	SS2	Nov. 2021	A - Retain
1087	415	Rhamnus cathartica	European Buckthorn	Fair	10 9	13	Wooded area	SS2	Nov. 2021	C2 - Remove Invasive
1088	414	Juglans nigra	Black Walnut	Good	21	-	Wooded area, healthy	SS2	Nov. 2021	A - Retain
1089	413	Tilia americana	Basswood	Good	6	-	Wooded area, healthy	SS2	Nov. 2021	A - Retain
1090	412	Acer saccharum	Sugar Maple	Good	13	-	Wooded area, healthy	SS2	Nov. 2021	A - Retain
1091	411	Tilia americana	Basswood	Good	12	-	Wooded area, healthy	SS2	Nov. 2021	A - Retain
1092	410	Acer saccharum	Sugar Maple	Good	12	-	Wooded area, healthy	SS2	Nov. 2021	A - Retain
1093	409	Fraxinus sp.	Ash Species	Good	13	-	Wooded area, healthy	SS2	Nov. 2021	A - Retain
1094	408	Tilia americana	Basswood	Good	7	-	Wooded area, healthy	SS2	Nov. 2021	A - Retain
1095	407	Tilia americana	Basswood	Good	13	-	Wooded area, healthy	SS2	Nov. 2021	A - Retain
1096	406	Acer saccharum	Sugar Maple	Good	12	-	Wooded area, healthy	SS2	Nov. 2021	A - Retain
1097	405	Juglans nigra	Black Walnut	Good	37	-	Wooded area, healthy	SS2	Nov. 2021	A - Retain
1098	404	Fraxinus sp.	Ash Species	Good	7	-	Wooded area, healthy	SS2	Nov. 2021	A - Retain
1099	403	Tilia americana	Basswood	Good	12	-	Wooded area, healthy	SS2	Nov. 2021	A - Retain
1100	402	Tilia americana	Basswood	Good	24	-	Wooded area, healthy	SS2	Nov. 2021	A - Retain
1101	401	Juglans nigra	Black Walnut	Good	35	-	Wooded area, healthy	SS2	Nov. 2021	A - Retain
1102	400	Pinus strobus	White Pine	Fair	46	-	Wooded area, healthy	SS2	Nov. 2021	A - Retain
1103	399	Rhamnus cathartica	European Buckthorn	Fair	9	-	Wooded area	SS2	Nov. 2021	C2 - Remove Invasive
1104	398	Ulmus americana	American Elm	Good	15	-	Wooded area, healthy	SS2	Nov. 2021	A - Retain
1105	397	Pinus strobus	White Pine	Poor	51	-	Wooded area, poor vigor	SS2	Nov. 2021	A - Retain
1106	396	Acer saccharum	Sugar Maple	Good	16	-	Wooded area, healthy	SS2	Nov. 2021	A - Retain
1107	395	Acer saccharum	Sugar Maple	Good	10	-	Wooded area, healthy	SS2	Nov. 2021	A - Retain
1108	394	Acer saccharum	Sugar Maple	Good	22	-	Wooded area, healthy	SS2	Nov. 2021	B1 - Remove Dvlp

APPENDIX A: TREE INVENTORY & ASSESSMENT MATRIX

SCHOLLEN & Company Inc.
 National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON
 Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)
 PROJECT NO. 17099

***Recommendations**

- A** - Tree to be retained. (524 trees)
- B1** - Removal of tree required due to conflicts with proposed development and grading - 20cm+ DBH (158 trees)
- B2** - Removal of tree required due to conflicts with proposed development and grading - 0-19cm DBH (78 trees)
- C1** - Removal of Invasive Species recommended - 20cm+ DBH (27 trees)
- C2** - Removal of Invasive Species recommended - 0-19cm DBH (195 trees)
- D** - Removal of dead tree recommended. (48 trees)
- E** - Tree to be retained with injury. (58 trees)
- F** - Dead tree to remain. (10 trees)
- G** - Inventioned tree has been removed or has fallen. (43 trees)

LEGEND

- (l): low, (m): moderate, (h): high severity
- **DBH:** Diameter at Breast Height (1.4m off finished grade).
- ***Cumulative DBH:** Calculated using square root of all stems squared on multi-stemmed trees.
- *Ownership Categories**
- SS1** - Tree is located within the Bahá'í National Centre Site (7200 Leslie St.)
- SS2** - Tree is located within the Proposed Bahá'í Temple Site
- SS3** - Tree is located within the proposed Bahá'í Welcome Centre Site (7290 Leslie St.)
- L St.** - Tree is owned and situated within the City of Markham road allowance (Leslie Street)
- W Cl.** - Tree is owned and situated within the City of Markham road allowance (Waterloo Court)
- City.** - Tree is owned and situated within the City of Markham park lands
- Boundary** - Trees with trunk(s) growing across one or more property lines. Boundary trees are considered co-owned by both property owners.

Tree No.	Tag No.	Species		Condition Rating	DBH (cm)**	Cum. DBH (cm)***	Notes	Ownership Categories****	Date of Assessment	Recommendations *
		Botanical Name	Common Name							
1109	393	Rhamnus cathartica	European Buckthorn	Poor	13	15	Wooded area	SS2	Nov. 2021	C2 - Remove Invasive
1110	392	Acer saccharum	Sugar Maple	Good	15	-	Wooded area, healthy	SS2	Nov. 2021	A - Retain
1111	391	Acer saccharum	Sugar Maple	Good	13	-	Wooded area, healthy	SS2	Nov. 2021	B2 - Remove Dvip
1112	390	Juglans nigra	Black Walnut	Good	31	-	Wooded area, healthy	SS2	Nov. 2021	B1 - Remove Dvip
1113	389	Prunus serotina	Black Cherry	Good	19	-	Wooded area, crooked stem (l)	SS2	Nov. 2021	B2 - Remove Dvip
1114	388	Prunus serotina	Black Cherry	Good	27	-	Wooded area, healthy	SS2	Nov. 2021	E - Injure
1115	387	Pinus strobus	White Pine	Good	10	-	Wooded area, healthy	SS2	Nov. 2021	E - Injure
1116	386	Juglans nigra	Black Walnut	Good	15	-	Wooded area, healthy	SS2	Nov. 2021	A - Retain
1117	385	Acer saccharum	Sugar Maple	Good	9	-	Wooded area, healthy	SS2	Nov. 2021	A - Retain
1118	384	Acer saccharum	Sugar Maple	Good	12	-	Wooded area, healthy	SS2	Nov. 2021	A - Retain
1119	383	Acer saccharum	Sugar Maple	Good	58	-	Wooded area, top of slope, healthy	SS2	Nov. 2021	A - Retain
1120	382	Acer saccharum	Sugar Maple	Poor	45	-	Wooded area, top of slope, poor form	SS2	Nov. 2021	A - Retain
1121	381	Acer saccharum	Sugar Maple	Good	51	-	Wooded area, top of slope, healthy	SS2	Nov. 2021	A - Retain
1122	380	Tilia americana	Basswood	Good	7	-	Wooded area, top of slope, healthy	SS2	Nov. 2021	B2 - Remove Dvip
1123	379	Malus sp.	Apple Species	Poor	23	-	Wooded area, second stem dead, suckers emerging from stem (m), 40% dead wood	SS2	Nov. 2021	A - Retain
1124	378	Betula papyrifera	Paper Birch	Good	29	-	Wooded area, 20% dead wood	SS2	Nov. 2021	A - Retain
1125	377	Picea glauca	White Spruce	Poor	20	-	Wooded area, poor vigor	SS2	Nov. 2021	A - Retain
1126	376	Picea glauca	White Spruce	Good	31	-	Wooded area, healthy	SS2	Nov. 2021	A - Retain
1127	375	Dead Tree	-	Dead	-	-	Dead tree.	SS2	Nov. 2021	F - Retain Dead
1128	374	Dead Tree	-	Dead	-	-	Dead tree.	SS2	Nov. 2021	F - Retain Dead
1129	373	Pinus resinosa	Red Pine	Poor	30	-	Wooded area, poor vigor	SS2	Nov. 2021	B1 - Remove Dvip
1130	372	Acer saccharum	Sugar Maple	Good	11	-	Wooded area, wound on trunk (l)	SS2	Nov. 2021	A - Retain
1131	371	Acer saccharum	Sugar Maple	Good	9	-	Wooded area, healthy	SS2	Nov. 2021	A - Retain
1132	370	Acer saccharum	Sugar Maple	Good	10	-	Wooded area, healthy	SS2	Nov. 2021	A - Retain
1133	369	Juglans nigra	Black Walnut	Good	38	-	Wooded area, healthy	SS2	Nov. 2021	A - Retain
1134	368	Juglans nigra	Black Walnut	Good	38	-	Wooded area, healthy	SS2	Nov. 2021	A - Retain
1135	367	Juglans nigra	Black Walnut	Good	60	-	Wooded area, healthy	SS2	Nov. 2021	A - Retain

APPENDIX B: TREE VALUATION & COMPENSATION MATRIX

SCHOLLEN & Company Inc.

National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON

Drawing Reference: Tree Inventory & Assessment Plan (T-1, T-7), Tree Preservation Plan (TP-1, TP-7)

PROJECT NO. 17069

Appraisal Method: Reproduction Method; Trunk Formula Technique (9th Edition)

Location Rating as a %: = (Site Rating + Contribution Rating + Placement Rating) / 3
 Species Rating: Determined by the International Society of Arboriculture (ISA)

Appraised Trunk Area = (DBH + 2) * 0.7854

Unit Tree Cost: \$6.51 per Ontario Provincial Supplement (2003)

Appraised Tree Trunk Increase = Appraised Trunk Area - Replacement Tree Size

Basic Tree Cost: (Appraised Tree Trunk Increase * Unit Tree Cost) + Installation Cost

Appraised Tree Value = Basic Tree Cost * Condition Rating * Location Rating * Species Rating

	No Compensation Required: Trees to be retained, trees to be removed <20cm DBH, trees previously fallen or removed by others
	No Compensation Required: Hazard trees, dead trees and trees with over 75% dead wood to be removed (empt), trees previously removed
	Tree Compensation Required: Trees in Good or Fair Condition trees with one or more stems between 20 - 40cm DBH to be removed
	Financial Compensation Required: Trees in Good or Fair Condition trees with one or more stems >40 cm dbh to be removed

Tree No.	Tag No.	Species		Condition Rating	Field Observations							Region Specific Information							Appraisal Values								
		Botanical Name	Common Name		Rec.s (See Appendix A)	Condition Rating %	Site Rating %	Contribution Rating %	Placement Rating %	Location Rating %	Species Rating %	Replacement Tree Size (DBH)	Appraised Trunk Area of Replacement Tree (cm2)	Replacement Tree Cost (\$)	Installation Cost (\$)	Unit Tree Cost (\$)	Appraised Trunk Area (cm2)	Appraised Tree Trunk Increase (cm2)	Basic Tree Cost (\$)	Appraised Tree Value (\$)	Final Tree Value (rounded, \$ REMOVALS)	Final Tree Value (rounded, \$ PRESERVED)	Compensation Trees Required				
132	1674	Dead Tree	-	Dead	-	D - Remove Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	0		
133	1676	Picea glauca	White Spruce	Fair	25	E - Injure	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	0	
134	1677	Picea glauca	White Spruce	Fair	29	E - Injure	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	0	
135	1678	Picea glauca	White Spruce	Fair	33	E - Injure	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	0	
136	1679	Dead Tree	-	Dead	-	D - Remove Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	0	
137	1680	Thuja occidentalis	White Cedar	Good	28	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	2	
					13																						
138	1681	Thuja occidentalis	White Cedar	Good	14	B2 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	0	
139	1682	Thuja occidentalis	White Cedar	Good	27	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	2	
140	1683	Picea glauca	White Spruce	Poor	49	E - Injure	0.40	0.40	0.30	0.30	0.33	0.72	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	1885.75	1878.75	\$ 12,630.63	\$ 1,212.54	\$ -	\$ -	-	\$ 1,200.00	-	0
141	1684	Rhamnus cathartica	European Buckthorn	Fair	13	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	0	
142	1685	Picea glauca	White Spruce	Fair	26	E - Injure	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	0	
143	1686	Picea glauca	White Spruce	Fair	29	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	2	
144	1687	Picea glauca	White Spruce	Poor	33	E - Injure	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	0	
145	1688	Dead Tree	-	Dead	-	D - Remove Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	0	
146	-	Dead Tree	-	Dead	-	D - Remove Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	0	
147	-	Dead Tree	-	Dead	-	D - Remove Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	0	
148	-	Dead Tree	-	Dead	-	D - Remove Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	0	
149	-	Dead Tree	-	Dead	-	D - Remove Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	0	
150	-	Dead Tree	-	Dead	-	D - Remove Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	0	
151	-	Dead Tree	-	Dead	-	D - Remove Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	0	
152	-	Dead Tree	-	Dead	-	D - Remove Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	0	
153	1689	Dead Tree	-	Dead	-	D - Remove Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	0	
154	1690	Rhamnus cathartica	European Buckthorn	Fair	24	C1 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	2	
					18																						
155	1691	Picea glauca	White Spruce	Fair	21	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	2	
156	1692	Picea glauca	White Spruce	Fair	26	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	2	
157	1693	Picea glauca	White Spruce	Fair	28	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	2	
158	-	Dead Tree	-	Dead	-	D - Remove Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	0	
159	-	Dead Tree	-	Dead	-	D - Remove Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	0	
160	1694	Rhamnus cathartica	European Buckthorn	Poor	18	C1 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	0	
					9																						
161	1695	Picea glauca	White Spruce	Fair	34	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	2	
162	-	Dead Tree	-	Dead	-	D - Remove Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	0	
163	-	Dead Tree	-	Removed	-	G - Removed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	0	
164	1696	Rhamnus cathartica	European Buckthorn	Fair	10	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	0	
165	1697	Rhamnus cathartica	European Buckthorn	Poor	10	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	0	
					10																						
					8																						
166	1698	Rhamnus cathartica	European Buckthorn	Fair	10	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	0	
167	1699	Rhamnus cathartica	European Buckthorn	Fair	11	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	0	
168	1700	Rhamnus cathartica	European Buckthorn	Fair	12	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	0	
					11																						
169	1801	Aesculus hippocastanum	European Horsechestnut	Good	38	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	2	
170	1802	Juglans nigra	Black Walnut	Good	19	B2 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	0	
171	1803	Gleditsia triacanthos var. inermis	Thornless Honeylocust	Good	31	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	2	
172	1804	Thuja occidentalis	White Cedar	Good	26	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	2	
					19																						
173	1805	Thuja occidentalis	White Cedar	Good	33	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	2	
174	1806	Thuja occidentalis	White Cedar	Good	37	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	2	
					25																						
					20																						
175	1807	Thuja occidentalis	White Cedar	Good	27	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	2	
					12																						
					11																						
176	1808	Thuja occidentalis	White Cedar	Good	32	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	2	
177	1809	Gleditsia triacanthos var. inermis	Thornless Honeylocust	Good	39	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	2	
178	1810	Thuja occidentalis	White Cedar	Good	14	B2 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	0	
179	1811	Acer negundo	Manitoba Maple	Good	19	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	0	
180	1812	Malus sp.	Apple Species	Poor	24	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	2	
181	1813	Malus sp.	Apple Species	Poor	25	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	2	
182	1814	Malus sp.	Apple Species	Poor	22	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	2	
183	1815	Malus sp.	Apple Species	Poor	28	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	2	
184	1816	Juniperus virginiana	Eastern Red Cedar	Good	14	B2 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	0	
185	1817	Gleditsia triacanthos var. inermis	Thornless Honeylocust	Good	39	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	-	\$ -	-	2	
186	1818	Juniperus virginiana	Eastern Red Cedar	Good	22	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A																

APPENDIX B: TREE VALUATION & COMPENSATION MATRIX

SCHOLLEN & Company Inc.
 National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON
 Drawing Reference: Tree Inventory & Assessment Plan (T-1, T-7), Tree Preservation Plan (TP-1, TP-7)
 PROJECT NO. 17069

Appraisal Method: Reproduction Method; Trunk Formula Technique (9th Edition)

Location Rating as a % = (Site Rating + Contribution Rating + Placement Rating) / 3

Species Rating: Determined by the International Society of Arboriculture (ISA)

Appraised Trunk Area = (DBH ²)/0.7854

Unit Tree Cost: \$6.51 per Ontario Provincial Assessment (2003)

Appraised Tree Trunk Increase = Appraised Trunk Area - Replacement Tree Size

Basic Tree Cost: (Appraised Tree Trunk Increase * Unit Tree Cost) + Installation Cost

Appraised Tree Value = Basic Tree Cost * Condition Rating * Location Rating * Species Rating

	No Compensation Required: Trees to be retained, trees to be removed <20cm DBH, trees previously fallen or removed by others
	No Compensation Required: Hazard trees, dead trees and trees with over 75% dead wood to be removed (except), trees previously removed
	Tree Compensation Required: Trees in Good or Fair Condition trees with one or more stems between 20 - 40cm DBH to be removed
	Financial Compensation Required: Trees in Good or Fair Condition trees with one or more stems >40 cm dbh to be removed

Tree No.	Tag No.	Species		Condition Rating	DBH	Field Observations								Region Specific Information						Appraisal Values				
						Rec.s (See Appendix A)	Condition Rating %	Site Rating %	Contribution Rating %	Placement Rating %	Location Rating %	Species Rating %	Replacement Tree Size (DBH)	Appraised Trunk Area of Replacement Tree (cm ²)	Replacement Tree Cost (\$)	Installation Cost (\$)	Unit Tree Cost (\$)	Appraised Trunk Area (cm ²)	Appraised Tree Trunk Increase (cm ²)	Basic Tree Cost (\$)	Appraised Tree Value (\$)	Final Tree Value (rounded, \$ PRESERVED)	Final Tree Value (rounded, \$ PRESERVED)	Compensation Trees Required
194	1826	Morus alba	White Mulberry	Good	16	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
195	1827	Morus alba 'Pendula'	Weeping White Mulberry	Poor	23	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
196	1828	Morus alba 'Pendula'	Weeping White Mulberry	Poor	25	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
197	1829	Rhamnus cathartica	European Buckthorn	Fair	18	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
198	-	Poplar sp.	Poplar Species	Good	25	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
199	-	Pyrus calleryana sp.	Ornamental Pear Species	Fair	11	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
200	1830	Pinus strobus	White Pine	Good	30	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	2	
201	1831	Pinus strobus	White Pine	Good	35	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	2	
202	1832	Pinus strobus	White Pine	Good	54	B1 - Remove Dvlp	0.90	0.40	0.40	0.20	0.33	0.75	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	2246.01	2241.01	\$ 14,988.98	\$ 3,372.52	\$ 3,800.00	\$ -	0
203	1833	Pinus resinosa	Red Pine	Good	31	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	2	
204	1834	Pinus resinosa	Red Pine	Fair	33	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	2	
205	1835	Pinus resinosa	Red Pine	Fair	25	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	2	
206	1836	Pinus resinosa	Red Pine	Good	43	B1 - Remove Dvlp	0.80	0.60	0.30	0.30	0.40	0.70	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	1452.20	1445.20	\$ 9,808.28	\$ 2,197.06	\$ 2,200.00	\$ -	0
207	1837	Juniperus virginiana	Eastern Red Cedar	Good	10	B2 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
208	1838	Gleditsia triacanthos var. inermis	Thornless Honeylocust	Good	41	B1 - Remove Dvlp	0.80	0.60	0.30	0.30	0.40	0.75	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	1304.21	1297.21	\$ 8,844.81	\$ 2,122.75	\$ 2,100.00	\$ -	0
209	1840	Juniperus virginiana	Eastern Red Cedar	Good	13	B2 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
210	1841	Juniperus sp.	Juniper species	Good	12	B2 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
211	1842	Pinus resinosa	Red Pine	Fair	55	B1 - Remove Dvlp	0.80	0.60	0.30	0.30	0.40	0.70	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	2375.84	2368.84	\$ 15,821.12	\$ 2,657.95	\$ 2,700.00	\$ -	0
212	1843	Quercus rubra	Red Oak	Good	82	A - Retain	0.90	0.70	0.30	0.70	0.57	0.81	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	5281.03	5274.03	\$ 34,733.93	\$ 14,348.59	\$ -	\$ -	14,300.00
213	1844	Quercus rubra	Red Oak	Good	27	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
214	1845	Quercus rubra	Red Oak	Good	36	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
215	1846	Sorbus sp.	Mountain Ash species	Good	26	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
216	1847	Pinus strobus	White Pine	Good	73	A - Retain	1.00	0.70	0.30	0.70	0.57	0.75	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	4214.11	4207.11	\$ 27,788.30	\$ 11,810.03	\$ -	\$ -	11,800.00
217	1848	Quercus rubra	Red Oak	Good	68	A - Retain	0.80	0.70	0.30	0.70	0.57	0.81	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	3578.48	3571.48	\$ 23,650.33	\$ 8,684.40	\$ -	\$ -	8,700.00
218	1849	Thuja occidentalis	White Cedar	Good	26	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
219	1850	Thuja occidentalis	White Cedar	Good	34	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
220	1851	Thuja occidentalis	White Cedar	Good	41	A - Retain	0.70	0.70	0.30	0.50	0.50	0.71	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	1929.26	1913.26	\$ 8,849.31	\$ 2,223.90	\$ -	\$ -	2,200.00
221	1852	Thuja occidentalis	White Cedar	Good	23	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
222	1853	Pinus strobus	White Pine	Good	60	A - Retain	0.90	0.70	0.30	0.50	0.50	0.75	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	2851.05	2844.05	\$ 18,914.77	\$ 6,383.74	\$ -	\$ -	6,400.00
223	1854	Thuja occidentalis	White Cedar	Good	12	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
224	1855	Thuja occidentalis	White Cedar	Good	25	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	2	
225	1856	Acer negundo	Manitoba Maple	Good	10	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
226	1857	Gleditsia triacanthos var. inermis	Thornless Honeylocust	Good	31	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	2	
227	1858	Juglans nigra	Black Walnut	Good	18	B2 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
228	1859	Gleditsia triacanthos var. inermis	Thornless Honeylocust	Good	35	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	2	
229	1860	Juglans nigra	Black Walnut	Good	10	B2 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
230	1861	Juglans nigra	Black Walnut	Good	17	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	2	
231	1862	Gleditsia triacanthos var. inermis	Thornless Honeylocust	Good	26	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	2	
232	1863	Juglans nigra	Black Walnut	Poor	44	B1 - Remove Dvlp	0.40	0.60	0.30	0.20	0.37	0.67	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	1520.53	1513.53	\$ 10,253.11	\$ 1,007.54	\$ 1,000.00	\$ -	0
233	1864	Juglans nigra	Black Walnut	Good	49	B1 - Remove Dvlp	0.80	0.60	0.60	0.40	0.53	0.68	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	1905.04	1898.04	\$ 12,756.22	\$ 3,690.12	\$ 3,700.00	\$ -	0
234	1865	Juglans nigra	Black Walnut	Good	8	B2 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
235	1867	Dead Tree	-	Dead	-	D - Remove Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
236	1868	Rhamnus cathartica	European Buckthorn	Fair	7	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
237	1869	Rhamnus cathartica	European Buckthorn	Fair	8	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
238	1870	Quercus rubra	Red Oak	Good	19	B2 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
239	1871	Picea glauca	White Spruce	Poor	5	B2 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
240	1872	Picea glauca	White Spruce	Fair	9	B2 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
241	1873	Dead Tree	-	Dead	-	D - Remove Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
242	1874	Dead Tree	-	Dead	-	D - Remove Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
243	1875	Dead Tree	-	Dead	-	D - Remove Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
244	1876	Malus sp.	Apple Species	Poor	33	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	2	
245	1877	Picea glauca	White Spruce	Removed	34	G - Removed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
246	1878	Juglans nigra	Black Walnut	Good	36	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	2	
247	1879																							

APPENDIX B: TREE VALUATION & COMPENSATION MATRIX

SCHOLLEN & Company Inc.
National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON
 Drawing Reference: Tree Inventory & Assessment Plan (T-1, T-7), Tree Preservation Plan (TP-1, TP-7)
 PROJ/CT NO. 17069

Appraisal Method: Reproduction Method; Trunk Formula Technique (6th Edition)

Location Rating as a % = (Site Rating + Contribution Rating + Placement Rating) / 3
 Species Rating: Determined by the International Society of Arboriculture (ISA)

Appraised Trunk Area = (DBH * 2) * 0.7854

Unit Tree Cost: \$5.51 per Ontario Provincial Sapling (2003)

Appraised Tree Trunk Increase = Appraised Trunk Area - Replacement Tree Size

Basic Tree Cost: (Appraised Tree Trunk Increase * Unit Tree Cost) + Installation Cost

Appraised Tree Value = Basic Tree Cost * Condition Rating * Location Rating * Species Rating

No Compensation Required: Trees to be retained, trees to be removed <30cm DBH, trees previously fallen or removed by others
No Compensation Required: Hazard trees, dead trees and trees with over 75% dead wood to be removed (empty), trees previously removed
Tree Compensation Required: Trees in Good or Fair Condition trees with one or more stems between 20 - 40cm DBH to be removed
Financial Compensation Required: Trees in Good or Fair Condition trees with one or more stems > 40 cm dbh to be removed

Tree No.	Tag No.	Species		Condition Rating	DBH	Field Observations										Region Specific Information						Appraisal Values													
						Rec.s (See Appendix A)	Condition Rating %	Site Rating %	Contribution Rating %	Placement Rating %	Location Rating %	Species Rating %	Replacement Tree Size (DBH)	Appraised Trunk Area of Replacement Tree (cm2)	Replacement Tree Cost (\$)	Installation Cost (\$)	Unit Tree Cost (\$)	Appraised Trunk Area (cm2)	Appraised Tree Trunk Increase (cm2)	Basic Tree Cost (\$)	Appraised Tree Value (\$)	Final Tree Value (rounded, \$ REMOVALS)	Final Tree Value (rounded, \$ PRESERVED)	Compensation Trees Required											
255	1887	Rhamnus cathartica	European Buckthorn	Fair	12	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	0				
256	1888	Acer platanoides	Norway Maple	Good	27	C1 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	2	2		
257	1889	Picea glauca	White Spruce	Good	41	B1 - Remove Dvlp	0.70	0.30	0.10	0.20	0.20	0.72	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	1320.26	1313.26	\$ 8,949.31	\$ 902.09	\$ 900.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	0			
258	1890	Rhamnus cathartica	European Buckthorn	Fair	7	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	0		
259	1891	Rhamnus cathartica	European Buckthorn	Fair	7	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	0		
260	1892	Dead Tree	-	Dead	-	D - Remove Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	0			
261	1893	Rhamnus cathartica	European Buckthorn	Fair	8	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	0		
262	1894	Rhamnus cathartica	European Buckthorn	Fair	19	C1 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	0		
					9																														
263	1895	Thuja occidentalis	Eastern White Cedar	Fair	7	B2 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	0		
					7																														
264	1896	Thuja occidentalis	Eastern White Cedar	Fair	6	B2 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	0		
265	1897	Acer negundo	Manitoba Maple	Fair	29	C1 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	2	2		
266	1898	Juglans nigra	Black Walnut	Good	41	B1 - Remove Dvlp	0.70	0.30	0.20	0.20	0.23	0.67	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	1320.26	1313.26	\$ 8,949.31	\$ 979.35	\$ 1,000.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	0			
267	1899	Dead Tree	-	Dead	-	D - Remove Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	0			
268	1900	Juglans nigra	Black Walnut	Good	55	B1 - Remove Dvlp	0.80	0.30	0.10	0.20	0.20	0.67	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	2375.84	2368.84	\$ 15,821.12	\$ 1,696.02	\$ 1,700.00	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	0	0			
269	1901	Juglans nigra	Black Walnut	Good	17	B2 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	0		
270	1902	Picea glauca	White Spruce	Good	50	A - Retain	0.80	0.30	0.20	0.20	0.23	0.72	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	1963.50	1956.50	\$ 13,136.82	\$ 1,765.59	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	1,800.00	0	0			
271	1903	Dead Tree	-	Dead	-	D - Remove Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	0			
272	1900	Rhamnus cathartica	European Buckthorn	Fair	10	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	0		
					8																														
					5																														
273	1906	Rhamnus cathartica	European Buckthorn	Poor	14	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	0		
274	1907	Dead Tree	-	Removed	34	G - Removed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	0		
275	1908	Rhamnus cathartica	European Buckthorn	Poor	10	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	0		
276	1909	Picea glauca	White Spruce	Fair	23	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	0		
277	1910	Picea glauca	White Spruce	Good	40	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	0		
278	1911	Rhamnus cathartica	European Buckthorn	Fair	18	C1 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	0	
					17																														
279	1912	Rhamnus cathartica	European Buckthorn	Fair	6	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	0	
280	-	Rhamnus cathartica	European Buckthorn	Fair	8	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	0	
					7																														
					5																														
					5																														
					5																														
281	1914	Acer platanoides	Norway Maple	Good	32	C1 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	2	2		
282	1915	Dead Tree	-	Dead	-	D - Remove Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	0		
283	1916	Rhamnus cathartica	European Buckthorn	Fair	11	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	0	
					9																														
284	1917	Tilia cordata	Littleleaf Linden	Good	7	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	0		
285	1918	Juglans nigra	Black Walnut	Good	22	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	0		
286	1920	Dead Tree	-	Removed	-	G - Removed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	0		
287	1921	Dead Tree	-	Dead	-	D - Remove Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	0		
288	1922	Juglans nigra	Black Walnut	Good	30	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	0		
289	1923	Juglans nigra	Black Walnut	Good	21	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	0		
290	1924	Dead Tree	-	Dead	-	D - Remove Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	0		
291	1925	Picea glauca	White Spruce	Fair	29	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	0		
292	1926	Rhamnus cathartica	European Buckthorn	Fair	13	C1 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	0	
					10																														
					9																														
					7																														
293	1927	Picea glauca	White Spruce	Fair	14	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	0		
294	1928	Picea glauca	White Spruce	Good	30	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	0		
295	1929	Acer platanoides																																	

APPENDIX B: TREE VALUATION & COMPENSATION MATRIX

SCHOLLEN & Company Inc.

National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON

Drawing Reference: Tree Inventory & Assessment Plan (T-1, T-7), Tree Preservation Plan (TP-1, TP-7)

PROJECT NO. 17069

Appraisal Method: Reproduction Method; Trunk Formula Technique (9th Edition)

Location Rating as a % := (Site Rating + Contribution Rating + Placement Rating) / 3

Species Rating: Determined by the International Society of Arboriculture (ISA)

Appraised Trunk Area := (DBH * 2) * 0.7854

Unit Tree Cost: \$6.51 per Ontario Provincial Supplement (2003)

Appraised Tree Trunk Increase := Appraised Trunk Area - Replacement Tree Size

Basic Tree Cost: (Appraised Tree Trunk Increase * Unit Tree Cost) + Installation Cost

Appraised Tree Value := Basic Tree Cost * Condition Rating * Location Rating * Species Rating

	No Compensation Required: Trees to be retained, trees to be removed <20cm DBH, trees previously fallen or removed by others
	No Compensation Required: Hazard trees, dead trees and trees with over 75% dead wood to be removed (empty), trees previously removed
	Tree Compensation Required: Trees in Good or Fair Condition trees with one or more stems between 20 - 40cm DBH to be removed
	Financial Compensation Required: Trees in Good or Fair Condition trees with one or more stems >40 cm dbh to be removed

Tree No.	Tag No.	Species		Condition Rating	DBH	Field Observations					Region Specific Information					Appraisal Values										
		Botanical Name	Common Name			Rec.s (See Appendix A)	Condition Rating %	Site Rating %	Contribution Rating %	Placement Rating %	Location Rating %	Species Rating %	Replacement Tree Size (DBH)	Appraised Trunk Area of Replacement Tree (cm ²)	Replacement Tree Cost (\$)	Installation Cost (\$)	Unit Tree Cost (\$)	Appraised Trunk Area (cm ²)	Appraised Tree Trunk Increase (cm ²)	Basic Tree Cost (\$)	Appraised Tree Value (\$)	Final Tree Value (rounded, \$ REMOVALS)	Final Tree Value (rounded, \$ PRESERVED)	Compensation Trees Required		
465	198	Rhamnus cathartica	European Buckthorn	Fair	12	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
466	89	Acer saccharum	Sugar Maple	Good	16	B2 - Remove Dulp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
467	200	Acer saccharum	Sugar Maple	Good	16	B2 - Remove Dulp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
468	201	Rhamnus cathartica	European Buckthorn	Removed	8	G - Removed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
469	202	Rhamnus cathartica	European Buckthorn	Removed	8	G - Removed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
470	203	Rhamnus cathartica	European Buckthorn	Removed	8	G - Removed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
471	204	Rhamnus cathartica	European Buckthorn	Fair	10	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
472	205	Rhamnus cathartica	European Buckthorn	Removed	9	G - Removed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
473	206	Rhamnus cathartica	European Buckthorn	Removed	10	G - Removed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
474	207	Rhamnus cathartica	European Buckthorn	Removed	8	G - Removed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
475	208	Rhamnus cathartica	European Buckthorn	Fair	8	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
476	209	Rhamnus cathartica	European Buckthorn	Fair	12	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
477	210	Rhamnus cathartica	European Buckthorn	Fair	10	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
478	211	Pinus resinosa	Red Pine	Fair	32	B1 - Remove Dulp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	2	
479	212	Dead Tree	-	Dead	-	D - Remove Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
480	213	Rhamnus cathartica	European Buckthorn	Fair	8	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
481	214	Rhamnus cathartica	European Buckthorn	Removed	8	G - Removed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
482	215	Pinus resinosa	Red Pine	Fair	34	B1 - Remove Dulp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	2	
483	216	Rhamnus cathartica	European Buckthorn	Fair	7	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
484	217	Pinus resinosa	Red Pine	Fair	35	B1 - Remove Dulp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	2	
485	218	Rhamnus cathartica	European Buckthorn	Fair	7	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
486	219	Rhamnus cathartica	European Buckthorn	Fair	9	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
487	220	Pinus resinosa	Red Pine	Fair	31	B1 - Remove Dulp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	2
488	221	Rhamnus cathartica	European Buckthorn	Fair	7	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
489	222	Rhamnus cathartica	European Buckthorn	Fair	7	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
490	223	Rhamnus cathartica	European Buckthorn	Fair	6	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
491	224	Acer saccharum	Sugar Maple	Good	7	B2 - Remove Dulp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
492	225	Acer saccharum	Sugar Maple	Good	12	B2 - Remove Dulp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
493	226	Dead Tree	-	Dead	-	D - Remove Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
494	227	Acer saccharum	Sugar Maple	Good	13	B2 - Remove Dulp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
495	228	Rhamnus cathartica	European Buckthorn	Removed	8	G - Removed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
496	229	Acer saccharum	Sugar Maple	Removed	17	G - Removed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
497	230	Acer saccharum	Sugar Maple	Removed	8	G - Removed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
498	231	Acer saccharum	Sugar Maple	Removed	11	G - Removed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
499	232	Rhamnus cathartica	European Buckthorn	Fair	9	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
500	233	Pinus sylvestris	Scots Pine	Fair	33	B1 - Remove Dulp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	2	
501	234	Acer saccharum	Sugar Maple	Good	13	B2 - Remove Dulp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
502	235	Rhamnus cathartica	European Buckthorn	Fair	6	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
503	236	Rhamnus cathartica	European Buckthorn	Fair	6	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
504	237	Rhamnus cathartica	European Buckthorn	Fair	9	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
505	238	Pinus resinosa	Red Pine	Fair	35	B1 - Remove Dulp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	2	
506	239	Pinus resinosa	Red Pine	Fair	35	B1 - Remove Dulp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	2
507	240	Rhamnus cathartica	European Buckthorn	Fair	7	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
508	241	Acer saccharum	Sugar Maple	Good	12	B2 - Remove Dulp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
509	242	Pinus resinosa	Red Pine	Fair	34	B1 - Remove Dulp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	2
510	243	Pinus resinosa	Red Pine	Fair	33	B1 - Remove Dulp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	2
511	244	Rhamnus cathartica	European Buckthorn	Fair	5	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
512	245	Dead Tree	-	Dead	-	D - Remove Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
513	246	Rhamnus cathartica	European Buckthorn	Fair	6	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
514	247	Pinus resinosa	Red Pine	Fair	35	B1 - Remove Dulp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	2
515	248	Picea glauca	White Spruce	Fair	27	B1 - Remove Dulp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	2
516	249	Rhamnus cathartica	European Buckthorn	Fair	6	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
517	250	Picea glauca	White Spruce	Fair	24	B1 - Remove Dulp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	2
518	251	Rhamnus cathartica	European Buckthorn	Fair	7	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
519	252	Rhamnus cathartica	European Buckthorn	Fair	6	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
520	253	Rhamnus cathartica	European Buckthorn	Removed	9	G - Removed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
521	254	Rhamnus cathartica	European Buckthorn	Removed	8	G - Removed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
522	255	Rhamnus cathartica	European Buckthorn	Fair	6	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
523	256	Rhamnus cathartica	European Buckthorn	Fair	7	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
524	257	Rhamnus cathartica	European Buckthorn	Fair	6	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
525	258	Pinus resinosa	Red Pine	Fair	36	B1 - Remove Dulp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	2
526	259	Rhamnus cathartica	European Buckthorn	Removed	9	G - Removed																				

APPENDIX B: TREE VALUATION & COMPENSATION MATRIX

SCHOLLEN & Company Inc.

National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON

Drawing Reference: Tree Inventory & Assessment Plan (T-1, T-7), Tree Preservation Plan (TP-1, TP-7)

PROJECT NO. 17069

Appraisal Method: Reproduction Method; Trunk Formula Technique (9th Edition)

Location Rating as a %: = (Site Rating + Contribution Rating + Placement Rating) / 3

Species Rating: Determined by the International Society of Arboriculture (ISA)

Appraised Trunk Area = (DBH * 2) * 0.7854

Unit Tree Cost: \$6.51 per Ontario Provincial Supplement (2003)

Appraised Tree Trunk Increase = Appraised Trunk Area - Replacement Tree Size

Basic Tree Cost: (Appraised Tree Trunk Increase * Unit Tree Cost) + Installation Cost

Appraised Tree Value = Basic Tree Cost * Condition Rating * Location Rating * Species Rating

	No Compensation Required: Trees to be retained, trees to be removed <20cm DBH, trees previously fallen or removed by others
	No Compensation Required: Hazard trees, dead trees and trees with over 75% dead wood to be removed (empt), trees previously removed
	Tree Compensation Required: Trees in Good or Fair Condition trees with one or more stems between 20 - 40cm DBH to be removed
	Financial Compensation Required: Trees in Good or Fair Condition trees with one or more stems > 40 cm dbh to be removed

Tree No.	Tag No.	Species		Condition Rating	DBH	Field Observations					Region Specific Information						Appraisal Values								
		Betalnical Name	Common Name			Rec. (See Appendix A)	Condition Rating %	Site Rating %	Contribution Rating %	Placement Rating %	Location Rating %	Species Rating %	Replacement Tree Size (DBH)	Appraised Trunk Area of Replacement Tree (cm ²)	Replacement Tree Cost (\$)	Installation Cost (\$)	Unit Tree Cost (\$)	Appraised Trunk Area (cm ²)	Appraised Trunk Increase (cm ²)	Basic Tree Cost (\$)	Appraised Tree Value (\$)	Final Tree Value (rounded, \$ REMOVALS)	Final Tree Value (rounded, \$ PRESERVED)	Compensation Trees Required	
617	352	Picea glauca	White Spruce	Good	41	B1 - Remove Dvlp	0.70	0.30	0.10	0.20	0.20	0.72	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	1320.26	1313.26	\$ 8,949.31	\$ 902.09	\$ 900.00	\$ -	-	0
618	353	Picea glauca	White Spruce	Good	8	B2 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
619	354	Pinus resinosa	Red Pine	Fair	33	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	2
620	355	Picea glauca	White Spruce	Good	43	B1 - Remove Dvlp	0.70	0.30	0.10	0.20	0.20	0.72	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	1452.20	1445.20	\$ 9,808.28	\$ 988.67	\$ 1,000.00	\$ -	-	0
621	356	Rhamnus cathartica	European Buckthorn	Fair	13	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
622	357	Picea glauca	White Spruce	Good	30	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	2
623	358	Picea glauca	White Spruce	Good	21	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	2
624	359	Dead Tree	Dead	Dead	21	D - Remove Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
625	360	Picea glauca	White Spruce	Good	42	B1 - Remove Dvlp	0.70	0.30	0.10	0.20	0.20	0.72	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	1385.45	1378.45	\$ 9,373.68	\$ 944.87	\$ 900.00	\$ -	-	0
626	361	Picea glauca	White Spruce	Good	47	B1 - Remove Dvlp	0.80	0.30	0.10	0.20	0.20	0.72	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	1734.95	1727.95	\$ 11,648.95	\$ 1,341.96	\$ 1,300.00	\$ -	-	0
627	362	Juglans nigra	Black Walnut	Good	29	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	2
628	363	Dead Tree	Dead	Removed	9	G - Removed	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
629	364	Juglans nigra	Black Walnut	Good	15	B2 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
630	365	Picea glauca	White Spruce	Poor	10	B2 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
631	401	Acer platanoides	Norway Maple	Good	8	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
632	402	Rhamnus cathartica	European Buckthorn	Fair	9	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
633	403	Rhamnus cathartica	European Buckthorn	Fair	8	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
634	404	Rhamnus cathartica	European Buckthorn	Fair	10	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
635	405	Rhamnus cathartica	European Buckthorn	Fair	10	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
636	406	Dead Tree	Dead	Dead	10	D - Remove Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
637	407	Rhamnus cathartica	European Buckthorn	Fair	26	C1 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	2
638	408	Pinus resinosa	Red Pine	Poor	36	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	2
639	409	Rhamnus cathartica	European Buckthorn	Fair	12	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
640	410	Rhamnus cathartica	European Buckthorn	Fair	8	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
641	411	Rhamnus cathartica	European Buckthorn	Fair	10	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
642	412	Rhamnus cathartica	European Buckthorn	Fair	17	C1 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
643	413	Rhamnus cathartica	European Buckthorn	Fair	11	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
644	414	Fraxinus sp.	Ash Species	Good	19	B2 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
645	415	Rhamnus cathartica	European Buckthorn	Fair	12	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
646	416	Pinus resinosa	Red Pine	Fair	40	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	2
647	417	Rhamnus cathartica	European Buckthorn	Fair	12	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
648	445	Juglans nigra	Black Walnut	Good	31	E - Injure	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
649	819	Quercus macrocarpa	Bur Oak	Good	30	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	2
650	818	Malus sp.	Apple Species	Good	18	B2 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
651	817	Pinus strobus	White Pine	Fair	139	E - Injure	0.60	0.60	0.40	0.80	0.60	0.75	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	15174.71	15167.71	\$ 99,141.81	\$ 26,768.29	\$ -	\$ 26,800.00	-	0
652	816	Juglans nigra	Black Walnut	Good	16	B1 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	2
653	815	Tsuga canadensis	Canadian Hemlock	Good	77	B1 - Remove Dvlp	0.80	0.60	0.70	0.70	0.67	0.68	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	4656.64	4649.64	\$ 30,669.13	\$ 11,122.67	\$ 11,100.00	\$ -	-	0
654	814	Juniperus sp.	Juniper Species	Good	14	B2 - Remove Dvlp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
655	813	Malus sp.	Apple Species	Dead	39	D - Remove Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
656	812	Pinus strobus	White Pine	Good	51	A - Retain	0.60	0.30	0.20	0.20	0.23	0.75	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	2042.83	2035.83	\$ 13,653.22	\$ 1,433.59	\$ -	\$ 1,400.00	-	0
657	811	Pinus strobus	White Pine	Fair	29	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
658	810	Pinus strobus	White Pine	Good	34	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
659	809	Acer saccharum	Sugar Maple	Good	59	A - Retain	0.60	0.30	0.20	0.20	0.23	0.80	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	2733.98	2726.98	\$ 18,152.62	\$ 2,033.09	\$ -	\$ 2,000.00	-	0
660	808	Acer saccharum	Sugar Maple	Good	9	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
661	807	Acer saccharum	Sugar Maple	Good	9	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
662	806	Pinus strobus	White Pine	Poor	40	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
663	805	Thuja occidentalis	Eastern White Cedar	Good	23	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
664	804	Thuja occidentalis	Eastern White Cedar	Good	14	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
665	803	Thuja occidentalis	Eastern White Cedar	Fair	12	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
666	802	Tsuga canadensis	Canadian Hemlock	Good	36	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
667	801	Tsuga canadensis	Canadian Hemlock	Good	40	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	-	0
668	800	Thuja occidentalis	Eastern White Cedar	Fair	17	A - Retain																			

APPENDIX B: TREE VALUATION & COMPENSATION MATRIX

SCHOLLEN & Company Inc.

National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON

Drawing Reference: Tree Inventory & Assessment Plan (T-1, T-7), Tree Preservation Plan (TP-1, TP-7)

PROJECT NO. 17069

Appraisal Method: Reproduction Method; Trunk Formula Technique (9th Edition)

Location Rating as a %: = (Site Rating + Contribution Rating + Placement Rating) / 3

Species Rating: Determined by the International Society of Arboriculture (ISA)

Appraised Trunk Area = (DBH² × 0.7854)

Unit Tree Cost: \$6.51 per Ontario Provincial Supplement (2003)

Appraised Tree Trunk Increase = Appraised Trunk Area - Replacement Tree Size

Basic Tree Cost: (Appraised Tree Trunk Increase × Unit Tree Cost) + Installation Cost

Appraised Tree Value = Basic Tree Cost × Condition Rating × Location Rating × Species Rating

	No Compensation Required: Trees to be retained, trees to be removed <20cm DBH, trees previously fallen or removed by others
	No Compensation Required: Hazard trees, dead trees and trees with over 75% dead wood to be removed (empty), trees previously removed
	Tree Compensation Required: Trees in Good or Fair Condition trees with one or more stems between 20 - 40cm DBH to be removed
	Financial Compensation Required: Trees in Good or Fair Condition trees with one or more stems >40 cm dbh to be removed

Tree No.	Tag No.	Species		Condition Rating	DBH	Field Observations					Region Specific Information							Appraisal Values										
						Rec.s (See Appendix A)	Condition Rating %	Site Rating %	Contribution Rating %	Placement Rating %	Location Rating %	Species Rating %	Replacement Tree Size (DBH)	Appraised Trunk Area of Replacement Tree (cm ²)	Replacement Tree Cost (\$)	Installation Cost (\$)	Unit Tree Cost (\$)	Appraised Trunk Area (cm ²)	Appraised Tree Trunk Increase (cm ²)	Basic Tree Cost (\$)	Appraised Tree Value (\$)	Final Tree Value (rounded, \$ REMOVALS)	Final Tree Value (rounded, \$ PRESERVED)	Compensation Trees Required				
685	783	Ulmus americana	American Elm	Fair	12	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
686	782	Thuja occidentalis	Eastern White Cedar	Good	11	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
687	781	Thuja occidentalis	Eastern White Cedar	Good	9	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
688	780	Thuja occidentalis	Eastern White Cedar	Fair	10	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
689	779	Rhamnus cathartica	European Buckthorn	Fair	7	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
690	778	Acer saccharum	Sugar Maple	Good	55	A - Retain	0.90	0.30	0.20	0.20	0.23	0.80	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	2375.84	2368.84	\$ 15,821.12	\$ 2,657.95	\$ -	\$ -	\$ -	\$ -	\$ 2,700.00	0	
691	777	Thuja occidentalis	Eastern White Cedar	Good	13	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
692	776	Thuja occidentalis	Eastern White Cedar	Good	17	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
693	775	Acer saccharum	Sugar Maple	Good	15	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
694	774	Thuja occidentalis	Eastern White Cedar	Good	18	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
695	773	Acer saccharum	Sugar Maple	Good	61	A - Retain	0.90	0.30	0.20	0.20	0.23	0.80	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	2922.47	2915.47	\$ 19,379.73	\$ 3,255.79	\$ -	\$ -	\$ -	\$ -	\$ 3,300.00	0	
696	772	Ulmus americana	American Elm	Good	7	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
697	771	Betula papyrifera	Paper Birch	Good	26	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
698	770	Quercus rubra	Red Oak	Good	56	A - Retain	0.90	0.30	0.20	0.20	0.23	0.81	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	2463.01	2456.01	\$ 16,388.65	\$ 2,787.71	\$ -	\$ -	\$ -	\$ -	\$ 2,800.00	0	
699	769	Betula papyrifera	Paper Birch	Good	12	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
700	768	Betula papyrifera	Paper Birch	Good	10	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
701	767	Thuja occidentalis	Eastern White Cedar	Good	21	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
702	766	Acer saccharum	Sugar Maple	Good	12	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
703	765	Acer saccharum	Sugar Maple	Good	14	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
704	764	Thuja occidentalis	Eastern White Cedar	Good	13	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
705	763	Acer saccharum	Sugar Maple	Good	40	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
706	762	Betula papyrifera	Paper Birch	Good	28	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
707	761	Rhamnus cathartica	European Buckthorn	Fair	7	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
708	760	Prunus serotina	Black Cherry	Fair	11	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
709	759	Pinus strobus	White Pine	Good	96	E - Injure	0.90	0.30	0.20	0.20	0.23	0.75	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	7238.25	7231.25	\$ 47,475.41	\$ 7,477.38	\$ -	\$ -	\$ -	\$ -	\$ 7,500.00	0	
710	758	Acer saccharum	Sugar Maple	Good	8	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
711	757	Acer saccharum	Sugar Maple	Good	9	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
712	756	Acer saccharum	Sugar Maple	Good	65	A - Retain	0.70	0.30	0.20	0.20	0.23	0.80	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	3318.32	3311.32	\$ 21,956.66	\$ 2,869.00	\$ -	\$ -	\$ -	\$ -	\$ 2,900.00	0	
713	755	Picea glauca	White Spruce	Fair	35	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
714	754	Robinia pseudacacia	Black Locust	Good	23	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
715	753	Rhamnus cathartica	European Buckthorn	Fair	8	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
716	752	Acer saccharum	Sugar Maple	Good	11	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
717	751	Dead Tree	-	Dead	-	F - Retain Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
718	750	Acer saccharum	Sugar Maple	Good	39	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
719	749	Acer negundo	Manitoba Maple	Good	11	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
720	748	Rhamnus cathartica	European Buckthorn	Fair	9	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
721	747	Larix laricina	Tamarack	Fair	73	A - Retain	0.60	0.30	0.20	0.30	0.27	0.72	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	4185.40	4178.40	\$ 27,601.36	\$ 3,179.68	\$ -	\$ -	\$ -	\$ -	\$ 3,200.00	0	
722	746	Tsuga canadensis	Canadian Hemlock	Good	32	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
					25																							
723	745	Acer saccharum	Sugar Maple	Good	55	A - Retain	0.70	0.30	0.20	0.20	0.23	0.80	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	2375.84	2368.84	\$ 15,821.12	\$ 2,067.29	\$ -	\$ -	\$ -	\$ -	\$ 2,000.00	0	
724	744	Tilia americana	Basswood	Good	18	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
					8																							
725	743	Prunus serotina	Black Cherry	Good	13	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
726	742	Acer saccharum	Sugar Maple	Good	8	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
727	741	Ostrya virginiana	American Hophornbeam	Good	11	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
728	740	Dead Tree	-	Dead	-	F - Retain Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
729	739	Acer saccharum	Sugar Maple	Good	14	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
730	738	Acer saccharum	Sugar Maple	Good	8	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	

APPENDIX B: TREE VALUATION & COMPENSATION MATRIX

SCHOLLEN & Company Inc.
 National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON
 Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)
 PROJECT NO. 17069

Appraisal Method: Reproduction Method; Trunk Formula Technique (9th Edition)

Location Rating as a % = (Site Rating + Contribution Rating + Placement Rating) / 3
 Species Rating: Determined by the International Society of Arboriculture (ISA)

Appraised Trunk Area = (DBH * 2) * 0.7854

Unit Tree Cost: \$5.51 per Ontario Provincial Supplement (2003)

Appraised Tree Trunk Increase = Appraised Trunk Area - Replacement Tree Size

Basic Tree Cost: (Appraised Tree Trunk Increase * Unit Tree Cost) + Installation Cost

Appraised Tree Value = Basic Tree Cost * Condition Rating * Location Rating * Species Rating

No Compensation Required: Trees to be retained, trees to be removed <20cm DBH, trees previously fallen or removed by others
No Compensation Required: Hazard trees, dead trees and trees with over 75% dead wood to be removed (except), trees previously removed
Tree Compensation Required: Trees in Good or Fair Condition trees with one or more stems between 20 - 40cm DBH to be removed
Financial Compensation Required: Trees in Good or Fair Condition trees with one or more stems > 40 cm dbh to be removed

Tree No.	Tag No.	Species		Condition Rating	DBH	Field Observations										Region Specific Information				Appraisal Values					
		Botanical Name	Common Name			Rec.s (See Appendix A)	Condition Rating %	Site Rating %	Contribution Rating %	Placement Rating %	Location Rating %	Species Rating %	Replacement Tree Size (DBH)	Appraised Trunk Area of Replacement Tree (cm ²)	Replacement Tree Cost (\$)	Installation Cost (\$)	Unit Tree Cost (\$)	Appraised Trunk Area (cm ²)	Appraised Tree Trunk Increase (cm ²)	Basic Tree Cost (\$)	Appraised Tree Value (\$)	Final Tree Value (rounded, \$ REMOVALS)	Final Tree Value (rounded, \$ PRESERVED)	Compensation Trees Required	
903	565	Thuja occidentalis	Eastern White Cedar	Good	23	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
904	564	Thuja occidentalis	Eastern White Cedar	Good	10	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
905	563	Thuja occidentalis	Eastern White Cedar	Fair	20	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
906	562	Acer negundo	Manitoba Maple	Fair	47	C1 - Remove Invasive	0.70	0.30	0.10	0.20	0.20	0.38	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	1734.95	1727.95	\$ 11,648.95	\$ 619.72	\$ 600.00	\$ -	\$ -	0
907	561	Tilia americana	Basewood	Fair	29	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
					25																				
					24																				
					17																				
					13																				
908	560	Acer negundo	Manitoba Maple	Poor	32	C1 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	2
909	559	Tilia americana	Basewood	Good	14	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
910	558	Rhamnus cathartica	European Buckthorn	Fair	11	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
911	557	Acer negundo	Manitoba Maple	Poor	18	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
912	556	Acer negundo	Manitoba Maple	Poor	12	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
913	555	Acer negundo	Manitoba Maple	Fair	16	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
914	554	Acer negundo	Manitoba Maple	Fair	33	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
915	553	Acer negundo	Manitoba Maple	Poor	17	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
916	552	Tsuga canadensis	Canadian Hemlock	Good	31	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
917	551	Dead Tree	-	Dead	-	F - Retain Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
918	550	Fraxinus sp.	Ash Species	Fair	34	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
919	549	Acer negundo	Manitoba Maple	Fair	20	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
920	548	Acer negundo	Manitoba Maple	Poor	9	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
921	547	Acer negundo	Manitoba Maple	Poor	13	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
922	546	Acer negundo	Manitoba Maple	Poor	10	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
923	545	Fraxinus sp.	Ash Species	Good	10	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
924	544	Rhamnus cathartica	European Buckthorn	Fair	13	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
925	543	Dead Tree	-	Dead	54	F - Retain Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
926	542	Malus sp.	Apple Species	Fair	34	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
927	541	Acer saccharum	Sugar Maple	Good	6	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
928	540	Acer negundo	Manitoba Maple	Poor	9	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
929	539	Acer negundo	Manitoba Maple	Fair	13	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
930	538	Thuja occidentalis	Eastern White Cedar	Fair	35	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
931	537	Rhamnus cathartica	European Buckthorn	Fair	14	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
932	536	Acer negundo	Manitoba Maple	Poor	32	C1 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	2
933	535	Picea glauca	White Spruce	Good	30	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
934	534	Acer saccharum	Sugar Maple	Good	8	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
935	533	Acer saccharum	Sugar Maple	Good	5	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
936	532	Acer saccharum	Sugar Maple	Good	9	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
937	531	Tilia americana	Basewood	Fair	14	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
938	530	Crataegus sp.	Hawthorn Species	Fair	19	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
					16																				
939	529	Acer saccharum	Sugar Maple	Good	14	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
940	528	Tilia americana	Basewood	Fair	17	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
941	527	Tsuga canadensis	Canadian Hemlock	Good	49	A - Retain	0.70	0.30	0.20	0.20	0.23	0.72	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	1885.75	1878.75	\$ 12,630.63	\$ 1,485.36	\$ -	\$ -	\$ 1,500.00	0
942	526	Acer saccharum	Sugar Maple	Good	17	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
943	525	Acer saccharum	Sugar Maple	Good	14	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
944	524	Acer saccharum	Sugar Maple	Good	7	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
945	523	Acer saccharum	Sugar Maple	Good	12	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
946	522	Acer saccharum	Sugar Maple	Good	14	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
947	521	Acer saccharum	Sugar Maple	Good	8	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
948	520	Acer saccharum	Sugar Maple	Good	7	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
949	519	Acer saccharum	Sugar Maple	Good	19	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
950	518	Acer saccharum	Sugar Maple	Good	7	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
951	517	Acer saccharum	Sugar Maple	Good	8	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
952	516	Acer saccharum	Sugar Maple	Good	14	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
953	515	Acer saccharum	Sugar Maple	Good	8	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
954	514	Acer saccharum	Sugar Maple																						

APPENDIX B: TREE VALUATION & COMPENSATION MATRIX

SCOLLEN & Company Inc.
National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON
 Drawing Reference: Tree Inventory & Assessment Plan (T-1, T-7), Tree Preservation Plan (TP-1, TP-7)
 PROJECT NO. 17069

Appraisal Method: Reproduction Method; Trunk Formula Technique (9th Edition)

Location Rating as a %: = (Site Rating + Contribution Rating + Placement Rating) / 3
 Species Rating: Determined by the International Society of Arboriculture (ISA)
 Appraised Trunk Area = (DBH² × 2) × 0.7854
 Unit Tree Cost: \$5.51 per Ontario Provincial Supplement (2003)
 Appraised Tree Trunk Increase = Appraised Trunk Area - Replacement Tree Size
 Basic Tree Cost: (Appraised Tree Trunk Increase × Unit Tree Cost) + Installation Cost
 Appraised Tree Value = Basic Tree Cost × Condition Rating × Location Rating × Species Rating

	No Compensation Required: Trees to be retained, trees to be removed <20cm DBH, trees previously fallen or removed by others
	No Compensation Required: Hazard trees, dead trees and trees with over 75% dead wood to be removed (empt), trees previously removed
	Tree Compensation Required: Trees in Good or Fair Condition trees with one or more stems between 20 - 40cm DBH to be removed
	Financial Compensation Required: Trees in Good or Fair Condition trees with one or more stems >40 cm dbh to be removed

Tree No.	Tag No.	Species		Condition Rating	DBH	Field Observations					Region Specific Information					Appraisal Values										
		Botanical Name	Common Name			Rec.s (See Appendix A)	Condition Rating %	Site Rating %	Contribution Rating %	Placement Rating %	Location Rating %	Species Rating %	Replacement Tree Size (DBH)	Appraised Trunk Area of Replacement Tree (cm ²)	Replacement Tree Cost (\$)	Installation Cost (\$)	Unit Tree Cost (\$)	Appraised Trunk Area (cm ²)	Appraised Tree Trunk Increase (cm ²)	Basic Tree Cost (\$)	Appraised Tree Value (\$)	Final Tree Value (rounded, \$ REMOVALS)	Final Tree Value (rounded, \$ PRESERVED)	Compensation Trees Required		
974	494	Acer saccharum	Sugar Maple	Good	17	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
975	493	Acer saccharum	Sugar Maple	Good	13	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
976	492	Acer saccharum	Sugar Maple	Good	18	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
977	491	Acer saccharum	Sugar Maple	Good	14	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
978	490	Acer saccharum	Sugar Maple	Good	7	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
979	489	Acer saccharum	Sugar Maple	Good	6	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
980	488	Acer saccharum	Sugar Maple	Good	9	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
981	487	Acer saccharum	Sugar Maple	Good	16	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
982	486	Acer saccharum	Sugar Maple	Good	16	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
983	485	Acer saccharum	Sugar Maple	Good	9	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
984	484	Rhamnus cathartica	European Buckthorn	Fair	7	C2 - Remove Invasive	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
985	483	Acer saccharum	Sugar Maple	Good	97	A - Retain	0.90	0.30	0.20	0.20	0.23	0.80	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	7389.83	7382.83	\$ 48,462.21	\$ 8,141.65	\$ -	\$ -	\$ 8,100.00	\$ -	0
986	482	Acer saccharum	Sugar Maple	Good	7	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
987	481	Acer saccharum	Sugar Maple	Good	12	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
988	480	Tilia americana	Basswood	Good	20	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
989	479	Acer saccharum	Sugar Maple	Good	10	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
990	478	Prunus serotina	Black Cherry	Good	29	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
991	477	Acer saccharum	Sugar Maple	Good	12	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
992	476	Acer saccharum	Sugar Maple	Fair	17	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
993	475	Acer saccharum	Sugar Maple	Good	21	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
994	474	Acer saccharum	Sugar Maple	Good	24	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
995	473	Acer saccharum	Sugar Maple	Good	9	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
996	472	Fraxinus sp.	Ash Species	Good	9	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
997	471	Acer saccharum	Sugar Maple	Good	7	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
998	470	Fraxinus sp.	Ash Species	Good	18	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
999	469	Acer saccharum	Sugar Maple	Good	9	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1000	468	Acer saccharum	Sugar Maple	Good	18	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1001	467	Acer saccharum	Sugar Maple	Good	9	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1002	466	Acer saccharum	Sugar Maple	Good	13	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1003	465	Acer saccharum	Sugar Maple	Good	7	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1004	464	Acer saccharum	Sugar Maple	Good	9	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1005	463	Acer saccharum	Sugar Maple	Good	8	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1006	462	Juglans nigra	Black Walnut	Good	42	A - Retain	0.90	0.30	0.20	0.20	0.23	0.67	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	1385.45	1378.45	\$ 9,373.68	\$ 1,318.88	\$ -	\$ -	\$ 1,300.00	\$ -	0
1007	461	Juglans nigra	Black Walnut	Good	47	A - Retain	0.90	0.30	0.20	0.20	0.23	0.67	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	1734.95	1727.95	\$ 11,648.95	\$ 1,639.01	\$ -	\$ -	\$ 1,600.00	\$ -	0
1008	460	Juglans nigra	Black Walnut	Good	19	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1009	459	Juglans nigra	Black Walnut	Good	28	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1010	458	Juglans nigra	Black Walnut	Good	70	A - Retain	0.80	0.30	0.20	0.20	0.23	0.67	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	3848.46	3841.46	\$ 25,407.90	\$ 3,177.68	\$ -	\$ -	\$ 3,200.00	\$ -	0
1011	457	Tilia americana	Basswood	Good	36	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1012	456	Acer saccharum	Sugar Maple	Good	10	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1013	455	Acer saccharum	Sugar Maple	Good	7	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1014	454	Acer saccharum	Sugar Maple	Good	10	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1015	453	Ulmus americana	American Elm	Good	23	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1016	452	Acer saccharum	Sugar Maple	Fair	15	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1017	451	Pinus resinosa	Red Pine	Poor	22	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1018	450	Ostrya virginiana	American Hophornbeam	Good	9	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1019	449	Tsuga canadensis	Canadian Hemlock	Good	11	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1020	448	Acer saccharinum	Silver Maple	Fair	55	A - Retain	0.40	0.30	0.20	0.20	0.23	0.60	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	2375.84	2368.84	\$ 15,821.12	\$ 885.98	\$ -	\$ -	\$ 900.00	\$ -	0
1021	447	Pinus strobus	White Pine	Good	18	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1022	446	Acer saccharum	Sugar Maple	Good	19	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1023	445	Pinus resinosa	Red Pine	Fair	27	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1024	444	Pinus resinosa	Red Pine	Poor	32	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1025	443	Acer saccharum	Sugar Maple	Good	27	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1026	442	Acer saccharum	Sugar Maple	Good	20	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1027	366	Pinus resinosa	Red Pine	Fair	29	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1028	365	Acer saccharum	Sugar Maple	Good	7	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1029	364	Acer saccharum	Sugar Maple	Good	9	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1030	363	Tsuga canadensis	Canadian Hemlock	Good	29	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1031	362	Tsuga canadensis	Canadian Hemlock	Good	29	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1032	361	Tsuga canadensis	Canadian Hemlock	Fair	71	A - Retain	0.60	0.30	0.20	0.20	0.23	0.68	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	3959.20	3952.20	\$ 26,128.83	\$ 2,487.46	\$ -	\$ -	\$ 2,500.00	\$ -	0
1033	360	Acer saccharum	Sugar Maple	Good	13	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1034	359	Acer saccharum	Sugar Maple	Good	14	A - Retain	N/A	N/A	N/A																	

APPENDIX B: TREE VALUATION & COMPENSATION MATRIX

SCHOLLEN & Company Inc.

National Bahá'í Centre of Canada and Canadian National Temple, Markham, ON

Drawing Reference: Tree Inventory & Assessment Plan (TI-1, TI-7), Tree Preservation Plan (TP-1, TP-7)

PROJECT NO. 17069

Appraisal Method: Reproduction Method: Trunk Formula Technique (6th Edition)

Location Rating as a % := (Site Rating + Contribution Rating + Placement Rating) / 3

Species Rating: Determined by the International Society of Arboriculture (ISA)

Appraised Trunk Area := (DBH ^ 2) * 0.7854

Unit Tree Cost: \$6.51 per Ontario Provincial Supplement (2003)

Appraised Tree Trunk Increase := Appraised Trunk Area - Replacement Tree Size

Basic Tree Cost: (Appraised Tree Trunk Increase * Unit Tree Cost) + Installation Cost

Appraised Tree Value := Basic Tree Cost * Condition Rating * Location Rating * Species Rating

	No Compensation Required: Trees to be retained, trees to be removed <20cm DBH, trees previously fallen or removed by others
	No Compensation Required: Hazard trees, dead trees and trees with over 75% dead wood to be removed (except), trees previously removed
	Tree Compensation Required: Trees in Good or Fair Condition trees with one or more stems between 20 - 40cm DBH to be removed
	Financial Compensation Required: Trees in Good or Fair Condition trees with one or more stems >40 cm dbh to be removed

Tree No.	Tag No.	Species		Condition Rating	DBH	Field Observations						Region Specific Information						Appraisal Values								
						Rec.s (See Appendix A)	Condition Rating %	Site Rating %	Contribution Rating %	Placement Rating %	Location Rating %	Species Rating %	Replacement Tree Size (DBH)	Appraised Trunk Area of Replacement Tree (cm2)	Replacement Tree Cost (\$)	Installation Cost (\$)	Unit Tree Cost (\$)	Appraised Trunk Area (cm2)	Appraised Tree Trunk Increase (cm2)	Basic Tree Cost (\$)	Appraised Tree Value (\$)	Final Tree Value (rounded, \$ REMOVALS)	Final Tree Value (rounded, \$ PRESERVED)	Compensation Trees Required		
		Botanical Name	Common Name																							
1128	374	Dead Tree	-	Dead	-	F - Retain Dead	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0	
1128	373	Pinus resinosa	Red Pine	Poor	30	B1 - Remove Dulp	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	2
1130	372	Acer saccharum	Sugar Maple	Good	11	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1131	371	Acer saccharum	Sugar Maple	Good	9	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1132	370	Acer saccharum	Sugar Maple	Good	10	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1133	369	Juglans nigra	Black Walnut	Good	38	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1134	368	Juglans nigra	Black Walnut	Good	38	A - Retain	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	\$ -	\$ -	\$ -	\$ -	0
1135	367	Juglans nigra	Black Walnut	Good	60	A - Retain	0.80	0.30	0.20	0.20	0.23	0.67	7.00	38.48	\$ 250.00	\$ 400.00	\$ 6.51	2827.44	2820.44	\$ 18,761.06	\$ 2,346.38	\$ -	\$ -	\$ 2,400.00	\$ -	0

Total Value of all Trees > 40cm DBH (108 trees)	\$ 283,500.00	
Total Value of Trees > 40cm DBH Proposed to be Removed (42 trees)	\$ 87,700.00	
Total Value of Trees > 40cm DBH Proposed to be Retained (66 trees)	\$ 195,800.00	
Total Number of Compensation Trees Required		258
Total Number of Trees 20cm - 40cm DBH to be Preserved		218
Total Number of Trees 20cm - 40cm DBH to be Removed		131

Total Number of Compensation Trees Required 258

N.T.S. - REPORT ISSUE NOT TO BE USED FOR CONSTRUCTION
APPENDIX C: TREE INVENTORY & ASSESSMENT PLANS

Copyright Statement

©2022 SCHOLLEN & COMPANY INC. All rights reserved. This document is protected under copyright law and may not be reproduced in any form without the prior written permission of Schollen & Company Inc. Drawings and Specifications are the property of the Landscape Architect.

This document is submitted by Schollen & Company Inc. to the client in confidence. The document contains confidential and/or technical information, and its unauthorized disclosure could reasonably result in significant professional and financial harm to Schollen & Company Inc. Any damages arising from unauthorized use of this document or the information contained therein shall be borne by the party making such unauthorized use.

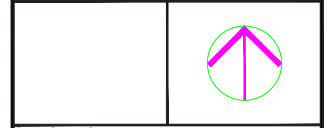
No.	Revision	Date	By
0	Issued with Advice Report	2022/01/11	JD
1	Issued for Coordination	2022/03/22	JD
2	Released with Advice Report	2022/10/07	JD
3	Released with Advice Report	2023/07/14	JD
4	Released with Advice Report	2023/12/20	AT
5	Released with Advice Report	2024/01/16	AT

LEGEND

- 0000 TREE INVENTORY NUMBER
- 000 TREE TAG NUMBER
- + INVENTORIED TREE
- 0000 TREE INVENTORY NUMBER
- 000 TREE TAG NUMBER
- + DEAD TREE
- W00 PHOTO LOCATION
- EXISTING DECIDUOUS TREE
- EXISTING CONIFEROUS TREE
- TREE PROTECTION ZONE (TPZ) OF TREE TO BE RETAINED
- TREE TO BE REMOVED DUE TO PROPOSED GRADING & CONSTRUCTION (NATIVE & ORNAMENTAL TREES)
- INVASIVE SPECIES TO BE REMOVED
- TREE TO BE REMOVED DUE TO POOR CONDITION / DEAD
- TREE TO BE RETAINED WITH INJURY DUE TO PROPOSED GRADING & CONSTRUCTION
- INVENTORIED TREE HAS BEEN REMOVED
- PROPERTY LINE
- TREE INVENTORY & ASSESSMENT BOUNDARY

APPENDIX C

KEYPLAN N.T.S.



Drawing Prepared By: **SCHOLLEN & Company Inc.**
 30 Wertheim Court, Unit 15
 Richmond Hill, Ontario L4B 1B9
 T: 289-695-0009
 F: 289-695-0010

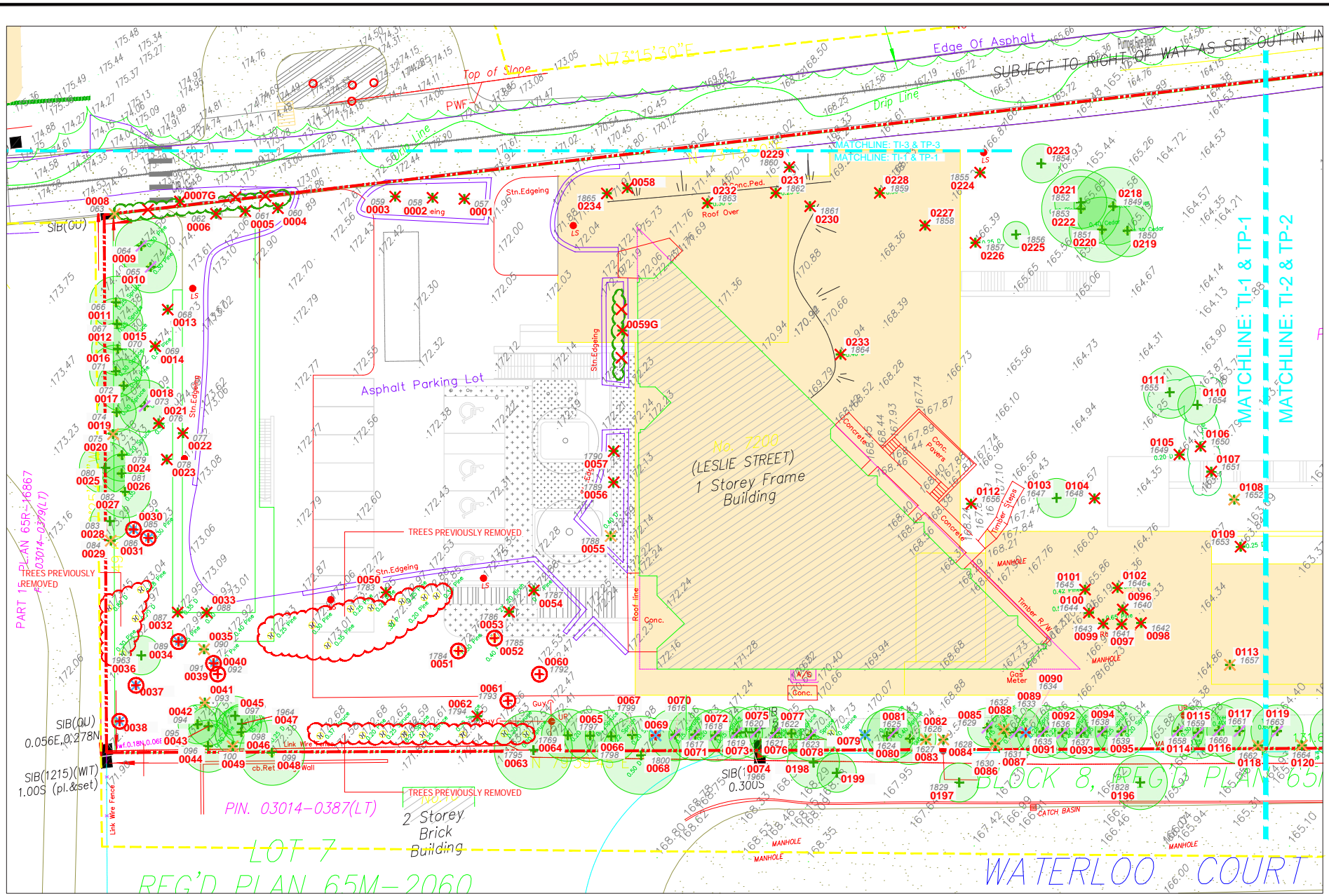
Client: **National Spiritual Assembly of the Bahá'í of Canada ("NSA Bahá'í")**

Project Name: **Bahá'í NATIONAL CENTRE AND TEMPLE TREE INVENTORY**
 MARKHAM, ON

Drawing Title: **Bahá'í NATIONAL CENTRE - TREE INVENTORY AND ASSESSMENT PLAN**

Scale: 1:200	Project No.: 17069	Drawing No.: TI-1
Drawn: JD	Checked: RMS	
Date: February 2020	Plot Date: 16/01/2024	

S:\Projects\Bahá'í Temple 17069\Drawings\working drawings\17069-TI.dwg



CITY OF MARKHAM TREE PRESERVATION SPECIFICATIONS

ALL EXISTING TREES WHICH ARE DESIGNATED TO REMAIN SHALL BE FULLY PROTECTED WITH FENCES ERRECTED AROUND THE ENTIRE PERIMETER OF THE TREE PROTECTION ZONE (TPZ) IN ACCORDANCE WITH DRAWINGS TP-1 - TP-7. GROUPS OF TREES AND OTHER EXISTING PLANTS THAT ARE TO BE PROTECTED, SHALL BE ADDRESSED IN A LIKE MANNER WITH FENCES ERRECTED AROUND THE ENTIRE CLUMP(S).

TREE PROTECTION ZONE DETAILS ARE TO BE APPROVED BY THE CITY WITH BARRIERS INSTALLED PRIOR TO THE COMMENCEMENT OF ANY SITE ALTERATION OR CONSTRUCTION ACTIVITIES. BARRIERS ARE TO BE MAINTAINED IN GOOD CONDITION THROUGHOUT THE DURATION OF THE CONSTRUCTION PERIOD.

TREE PROTECTION SIGNS SHALL BE MOUNTED ON ALL SIDES OF THE BARRIER AND ARE TO BE A MINIMUM SIZE OF 40CM X 60CM. ALL SIGNS MUST REMAIN IN PLACE AND IN GOOD REPAIR THROUGHOUT THE DURATION OF THE CONSTRUCTION PERIOD.

THIS WORK SHALL BE COMPLETED TO THE SATISFACTION OF THE DIRECTOR OF PLANNING AND URBAN DESIGN, PRIOR TO THE ISSUANCE OF BUILDING PERMITS FOR THE SITE DEVELOPMENT. THE DEVELOPER OR HIS/HER AGENT SHALL TAKE EVERY PRECAUTION NECESSARY TO PREVENT INJURY TO TREES OR SHRUBS THAT ARE DESIGNATED TO BE RETAINED.

NO RIGGING CABLES SHALL BE WRAPPED AROUND OR INSTALLED IN TREES, AND SURPLUS SOIL, EQUIPMENT, DEBRIS OR MATERIALS SHALL NOT BE PLACED OVER ROOT SYSTEMS OF THE TREES WITHIN THE PROTECTION FENCES. NO CONTAMINANTS WILL BE DUMPED OR FLUSHED WHERE FEEDER ROOTS OF TREES EXIST.

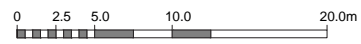
ROOT PRUNING SHALL OCCUR PRIOR TO THE START OF CONSTRUCTION, WHERE REQUIRED TO ACCOMMODATE CONSTRUCTION ACCESS. ROOTS SHALL BE PRUNED 15 TO 30 CM BACK FROM THE EDGE OF THE TPZ AND TO A DEPTH OF 1 METRE OR THE MAXIMUM DEPTH OF ROOT PENETRATION (WHICHEVER IS DEEPER). WHERE ROOT SYSTEMS OF PROTECTED TREES ARE EXPOSED DIRECTLY ADJACENT TO OR INJURED BY CONSTRUCTION WORK, THEY SHALL BE CLEANLY SEVERED BY AN ISA CERTIFIED ARBORIST AND THE AREA BACKFILLED WITH NATIVE MATERIAL TO PREVENT DESICCATION. CERTIFICATION FROM THE ARBORIST OF THIS WORK SHALL BE MADE AVAILABLE TO THE CITY.

IF UNFORESEEN GRADE CHANGES AROUND TREES WITH TO BE PRESERVED ARISE, THE PROPONENT SHALL BE REQUIRED TO TAKE SUCH PRECAUTION AS DRY WELLING AND ROOT FEEDING TO THE SATISFACTION OF THE DIRECTOR OF PLANNING AND URBAN DESIGN.

TREES TO BE PRESERVED THAT HAVE DIED OR HAVE BEEN INJURED BEYOND RECOVERY SHALL BE SUBJECT TO SUITABLE COMPENSATION AS DETERMINED BY THE CITY OF MARKHAM, UPON REVIEW OF THE TREE INVENTORY AND ANALYSIS.

AN ISA CERTIFIED ARBORIST SHALL BE ON-SITE FOR ANY WORK WHICH IMPACTS ANY TREE OR TPZ. CERTIFICATION FROM THE ARBORIST OF THIS WORK SHALL BE MADE AVAILABLE TO THE CITY.

WHERE LIMBS OR PORTIONS OF TREES ARE REMOVED TO ACCOMMODATE CONSTRUCTION WORK, THEY WILL BE CAREFULLY REMOVED BY AN ISA CERTIFIED ARBORIST. CERTIFICATION FROM THE ARBORIST OF THIS WORK SHALL BE MADE AVAILABLE TO THE CITY.

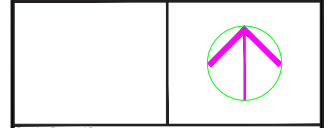


Copyright Statement
 ©2022 SCHOLLEN & COMPANY INC. All rights reserved. This document is protected under copyright law and may not be reproduced in any form without the prior written permission of Schollen & Company Inc. Drawings and Specifications are the property of the Landscape Architect.
 This document is submitted by Schollen & Company Inc. to the client in confidence. The document contains confidential and/or technical information, and its unauthorized disclosure could reasonably result in significant professional and financial harm to Schollen & Company Inc. Any damages arising from unauthorized use of this document or the information contained therein shall be borne by the party making such unauthorized use.

No.	Revision	Date	By
0	Issued with Advise Report	2022/01/11	JD
1	Issued for Coordination	2022/03/22	JD
2	Released with Advise Report	2022/10/07	JD
3	Released with Advise Report	2023/07/14	JD
4	Released with Advise Report	2023/12/20	AT
5	Released with Advise Report	2023/01/16	AT

LEGEND

- 0000 TREE INVENTORY NUMBER
- + TREE TAG NUMBER
- 0000 INVENTORIED TREE
- + TREE TAG NUMBER
- 0000 TREE INVENTORY NUMBER
- + TREE TAG NUMBER
- DEAD TREE
- PHOTO LOCATION
- EXISTING DECIDUOUS TREE
- EXISTING CONIFEROUS TREE
- TREE PROTECTION ZONE (TPZ) OF TREE TO BE RETAINED
- TREE TO BE REMOVED DUE TO PROPOSED GRADING & CONSTRUCTION (NATIVE & ORNAMENTAL TREES)
- INVASIVE SPECIES TO BE REMOVED
- TREE TO BE REMOVED DUE TO POOR CONDITION / DEAD
- TREE TO BE RETAINED WITH INJURY DUE TO PROPOSED GRADING & CONSTRUCTION
- INVENTORIED TREE HAS BEEN REMOVED
- PROPERTY LINE
- TREE INVENTORY & ASSESSMENT BOUNDARY



Drawing Prepared By:
SCHOLLEN & Company Inc.
 30 Wertheim Court, Unit 15
 Richmond Hill, Ontario L4B 1B9
 T: 289-695-0009
 F: 289-695-0010

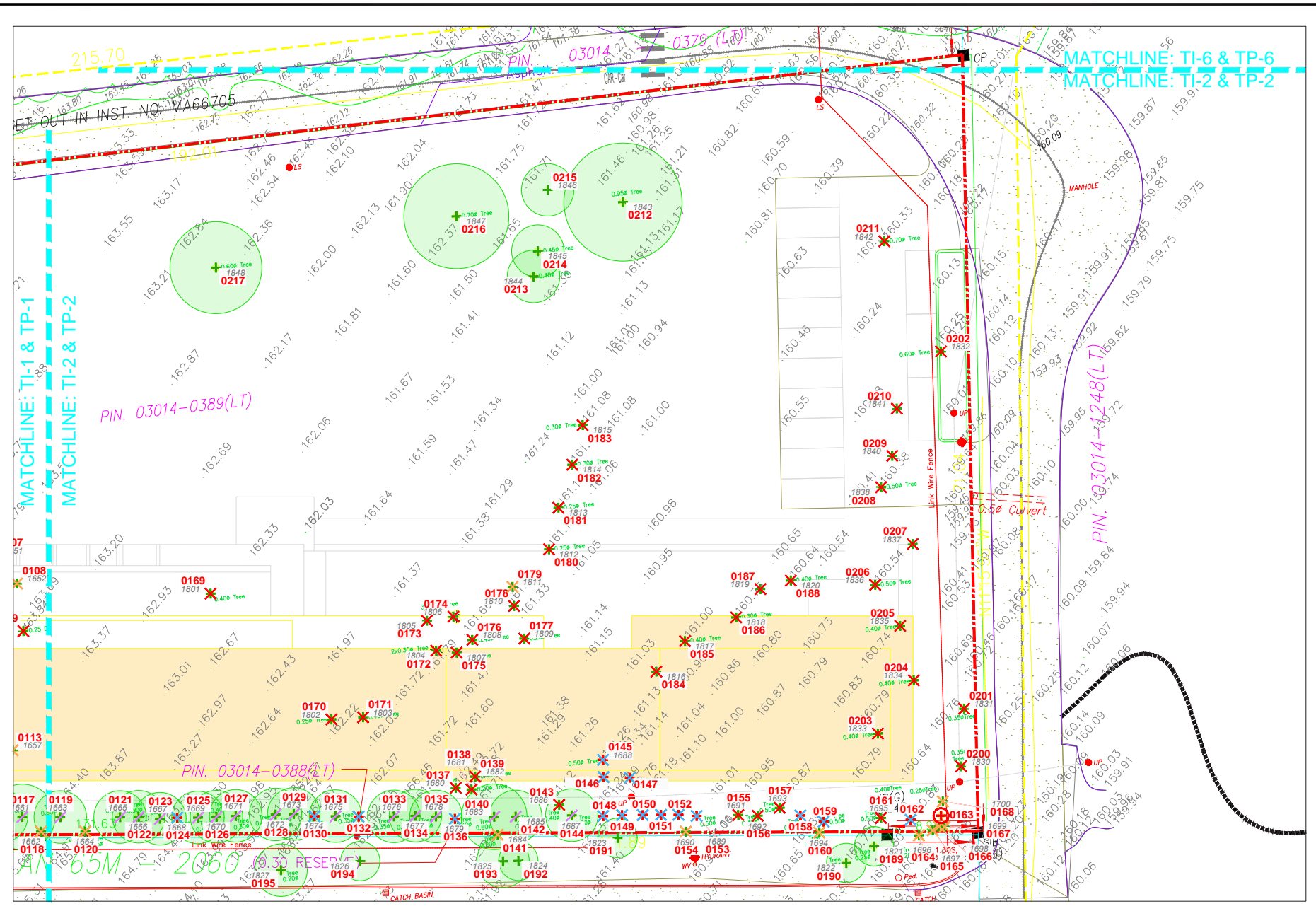
Client:
National Spiritual Assembly of the Bahá'í of Canada ("NSA Bahá'í")

Project Name:
Bahá'í NATIONAL CENTRE AND TEMPLE TREE INVENTORY
 MARKHAM, ON

Drawing Title:
Bahá'í NATIONAL CENTRE - TREE INVENTORY AND ASSESSMENT PLAN

Scale: 1:200	Project No.: 17069	Drawing No.: TI-2
Drawn: JD	Checked: RMS	
Date: February 2020	Plot Date: 16/01/2024	

S:\Projects\Bahá'í Temple 17069\Drawings\working drawings\17069-TI.dwg



CITY OF MARKHAM TREE PRESERVATION SPECIFICATIONS

ALL EXISTING TREES WHICH ARE DESIGNATED TO REMAIN SHALL BE FULLY PROTECTED WITH FENCES ERCTED AROUND THE ENTIRE PERIMETER OF THE TREE PROTECTION ZONE (TPZ) IN ACCORDANCE WITH DRAWINGS TP-1 - TP-7. GROUPS OF TREES AND OTHER EXISTING PLANTS THAT ARE TO BE PROTECTED, SHALL BE ADDRESSED IN A LIKE MANNER WITH FENCES ERCTED AROUND THE ENTIRE CLUMP(S).

TREE PROTECTION ZONE DETAILS ARE TO BE APPROVED BY THE CITY WITH BARRIERS INSTALLED PRIOR TO THE COMMENCEMENT OF ANY SITE ALTERATION OR CONSTRUCTION ACTIVITIES. BARRIERS ARE TO BE MAINTAINED IN GOOD CONDITION THROUGHOUT THE DURATION OF THE CONSTRUCTION PERIOD.

TREE PROTECTION SIGNS SHALL BE MOUNTED ON ALL SIDES OF THE BARRIER AND ARE TO BE A MINIMUM SIZE OF 40CM X 60CM. ALL SIGNS MUST REMAIN IN PLACE AND IN GOOD REPAIR THROUGHOUT THE DURATION OF THE CONSTRUCTION PERIOD.

THIS WORK SHALL BE COMPLETED TO THE SATISFACTION OF THE DIRECTOR OF PLANNING AND URBAN DESIGN, PRIOR TO THE ISSUANCE OF BUILDING PERMITS FOR THE SITE DEVELOPMENT. THE DEVELOPER OR HIS/HER AGENT SHALL TAKE EVERY PRECAUTION NECESSARY TO PREVENT INJURY TO TREES OR SHRUBS THAT ARE DESIGNATED TO BE RETAINED.

NO RIGGING CABLES SHALL BE WRAPPED AROUND OR INSTALLED IN TREES; AND SURPLUS SOIL, EQUIPMENT, DEBRIS OR MATERIALS SHALL NOT BE PLACED OVER ROOT SYSTEMS OF THE TREES WITHIN THE PROTECTION FENCES. NO CONTAMINANTS WILL BE DUMPED OR FLUSHED WHERE FEEDER ROOTS OF TREES EXIST.

ROOT PRUNING SHALL OCCUR PRIOR TO THE START OF CONSTRUCTION, WHERE REQUIRED TO ACCOMMODATE CONSTRUCTION ACCESS. ROOTS SHALL BE PRUNED 15 TO 30 CM BACK FROM THE EDGE OF THE TPZ AND TO A DEPTH OF 1 METRE OR THE MAXIMUM DEPTH OF ROOT PENETRATION (WHICHEVER IS DEEPER), WHERE ROOT SYSTEMS OF PROTECTED TREES ARE EXPOSED DIRECTLY ADJACENT TO OR INJURED BY CONSTRUCTION WORK, THEY SHALL BE CLEANLY SEVERED BY AN ISA CERTIFIED ARBORIST AND THE AREA BACKFILLED WITH NATIVE MATERIAL TO PREVENT DESICCATION. CERTIFICATION FROM THE ARBORIST OF THIS WORK SHALL BE MADE AVAILABLE TO THE CITY.

IF UNFORESEEN GRADE CHANGES AROUND TREES TO BE PRESERVED ARISE, THE PROPONENT SHALL BE REQUIRED TO TAKE SUCH PRECAUTION AS DRY WELLING AND ROOT FEEDING TO THE SATISFACTION OF THE DIRECTOR OF PLANNING AND URBAN DESIGN.

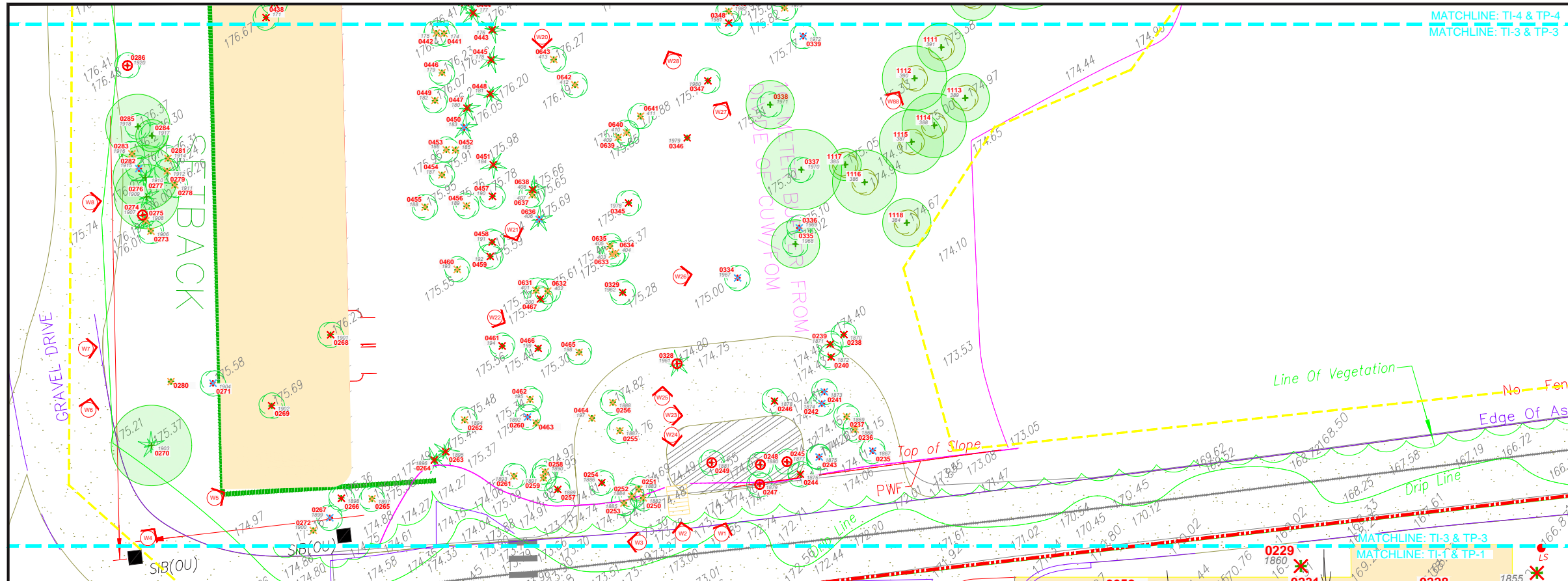
TREES TO BE PRESERVED THAT HAVE DIED OR HAVE BEEN INJURED BEYOND RECOVERY SHALL BE SUBJECT TO SUITABLE COMPENSATION AS DETERMINED BY THE CITY OF MARKHAM, UPON REVIEW OF THE TREE INVENTORY AND ANALYSIS.

AN ISA CERTIFIED ARBORIST SHALL BE ON-SITE FOR ANY WORK WHICH IMPACTS ANY TREE OR TPZ. CERTIFICATION FROM THE ARBORIST OF THIS WORK SHALL BE MADE AVAILABLE TO THE CITY.

WHERE LIMBS OR PORTIONS OF TREES ARE REMOVED TO ACCOMMODATE CONSTRUCTION WORK, THEY WILL BE CAREFULLY REMOVED BY AN ISA CERTIFIED ARBORIST. CERTIFICATION FROM THE ARBORIST OF THIS WORK SHALL BE MADE AVAILABLE TO THE CITY.



N.T.S. - REPORT ISSUE NOT TO BE USED FOR CONSTRUCTION
APPENDIX C: TREE INVENTORY & ASSESSMENT PLANS



Copyright Statement
 ©2022 SCHOLLEN & COMPANY INC. All rights reserved. This document is protected under copyright law and may not be reproduced in any form without the prior written permission of Schollen & Company Inc. Drawings and Specifications are the property of the Landscape Architect.
 This document is submitted by Schollen & Company Inc. to the client in confidence. The document contains confidential and/or technical information, and its unauthorized disclosure could reasonably result in significant professional and financial harm to Schollen & Company Inc. Any damages arising from unauthorized use of this document or the information contained therein shall be borne by the party making such unauthorized use.

No.	Revision	Date	By
0	Issued with Approval Report	2022/01/11	JD
1	Issued for Coordination	2022/03/22	JD
2	Released with Approval Report	2022/10/07	JD
3	Released with Approval Report	2023/07/14	JD
4	Released with Approval Report	2023/12/20	AT
5	Released with Approval Report	2023/01/16	AT

LEGEND

- 0000 TREE INVENTORY NUMBER
- + TREE TAG NUMBER
- 0000 INVENTORIED TREE
- + TREE INVENTORY NUMBER
- + TREE TAG NUMBER
- DEAD TREE
- W00 PHOTO LOCATION
- EXISTING DECIDUOUS TREE
- EXISTING CONIFEROUS TREE
- TREE PROTECTION ZONE (TPZ) OF TREE TO BE RETAINED
- TREE TO BE REMOVED DUE TO PROPOSED GRADING & CONSTRUCTION (NATIVE & ORNAMENTAL TREES)
- INVASIVE SPECIES TO BE REMOVED
- TREE TO BE REMOVED DUE TO POOR CONDITION / DEAD
- TREE TO BE RETAINED WITH INJURY DUE TO PROPOSED GRADING & CONSTRUCTION
- INVENTORIED TREE HAS BEEN REMOVED
- PROPERTY LINE
- TREE INVENTORY & ASSESSMENT BOUNDARY

CITY OF MARKHAM TREE PRESERVATION SPECIFICATIONS

ALL EXISTING TREES WHICH ARE DESIGNATED TO REMAIN SHALL BE FULLY PROTECTED WITH FENCES ERCTED AROUND THE ENTIRE PERIMETER OF THE TREE PROTECTION ZONE (TPZ) IN ACCORDANCE WITH DRAWINGS TP-1 - TP-7. GROUPS OF TREES AND OTHER EXISTING PLANTS THAT ARE TO BE PROTECTED, SHALL BE ADDRESSED IN A LIKE MANNER WITH FENCES ERCTED AROUND THE ENTIRE CLUMP(S).

TREE PROTECTION ZONE DETAILS ARE TO BE APPROVED BY THE CITY WITH BARRIERS INSTALLED PRIOR TO THE COMMENCEMENT OF ANY SITE ALTERATION OR CONSTRUCTION ACTIVITIES. BARRIERS ARE TO BE MAINTAINED IN GOOD CONDITION THROUGHOUT THE DURATION OF THE CONSTRUCTION PERIOD.

TREE PROTECTION SIGNS SHALL BE MOUNTED ON ALL SIDES OF THE BARRIER AND ARE TO BE A MINIMUM SIZE OF 40CM X 60CM. ALL SIGNS MUST REMAIN IN PLACE AND IN GOOD REPAIR THROUGHOUT THE DURATION OF THE CONSTRUCTION PERIOD.

THIS WORK SHALL BE COMPLETED TO THE SATISFACTION OF THE DIRECTOR OF PLANNING AND URBAN DESIGN, PRIOR TO THE ISSUANCE OF BUILDING PERMITS FOR THE SITE DEVELOPMENT. THE DEVELOPER OR HIS/HER AGENT SHALL TAKE EVERY PRECAUTION NECESSARY TO PREVENT INJURY TO TREES OR SHRUBS THAT ARE DESIGNATED TO BE RETAINED.

NO RIGGING CABLES SHALL BE WRAPPED AROUND OR INSTALLED IN TREES; AND SURPLUS SOIL, EQUIPMENT, DEBRIS OR MATERIALS SHALL NOT BE PLACED OVER ROOT SYSTEMS OF THE TREES WITHIN THE PROTECTION FENCES. NO CONTAMINANTS WILL BE DUMPED OR FLUSHED WHERE FEEDER ROOTS OF TREES EXIST.

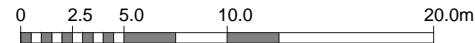
ROOT PRUNING SHALL OCCUR PRIOR TO THE START OF CONSTRUCTION, WHERE REQUIRED TO ACCOMMODATE CONSTRUCTION ACCESS ROOTS SHALL BE PRUNED 15 TO 30 CM BACK FROM THE EDGE OF THE TPZ AND TO A DEPTH OF 1 METRE OR THE MAXIMUM DEPTH OF ROOT PENETRATION (WHICHEVER IS DEEPER). WHERE ROOT SYSTEMS OF PROTECTED TREES ARE EXPOSED DIRECTLY ADJACENT TO OR INJURED BY CONSTRUCTION WORK, THEY SHALL BE CLEANLY SEVERED BY AN ISA CERTIFIED ARBORIST AND THE AREA BACKFILLED WITH NATIVE MATERIAL TO PREVENT DESICCATION. CERTIFICATION FROM THE ARBORIST OF THIS WORK SHALL BE MADE AVAILABLE TO THE CITY.

IF UNFORESEEN GRADE CHANGES AROUND TREES TO BE PRESERVED ARISE, THE PROPONENT SHALL BE REQUIRED TO TAKE SUCH PRECAUTION AS DRY WELLING AND ROOT FEEDING TO THE SATISFACTION OF THE DIRECTOR OF PLANNING AND URBAN DESIGN.

TREES TO BE PRESERVED THAT HAVE DIED OR HAVE BEEN INJURED BEYOND RECOVERY SHALL BE SUBJECT TO SUITABLE COMPENSATION AS DETERMINED BY THE CITY OF MARKHAM, UPON REVIEW OF THE TREE INVENTORY AND ANALYSIS.

AN ISA CERTIFIED ARBORIST SHALL BE ON-SITE FOR ANY WORK WHICH IMPACTS ANY TREE OR TPZ. CERTIFICATION FROM THE ARBORIST OF THIS WORK SHALL BE MADE AVAILABLE TO THE CITY.

WHERE LIMBS OR PORTIONS OF TREES ARE REMOVED TO ACCOMMODATE CONSTRUCTION WORK, THEY WILL BE CAREFULLY REMOVED BY AN ISA CERTIFIED ARBORIST. CERTIFICATION FROM THE ARBORIST OF THIS WORK SHALL BE MADE AVAILABLE TO THE CITY.



APPENDIX C

KEYPLAN
N.T.S.

Drawing Prepared By:
SCHOLLEN & Company Inc.
 30 Wertheim Court, Unit 15
 Richmond Hill, Ontario L4B 1B9
 T: 289-695-0009
 F: 289-695-0010

Client:
National Spiritual Assembly of the Bahá'í of Canada ("NSA Bahá'í")

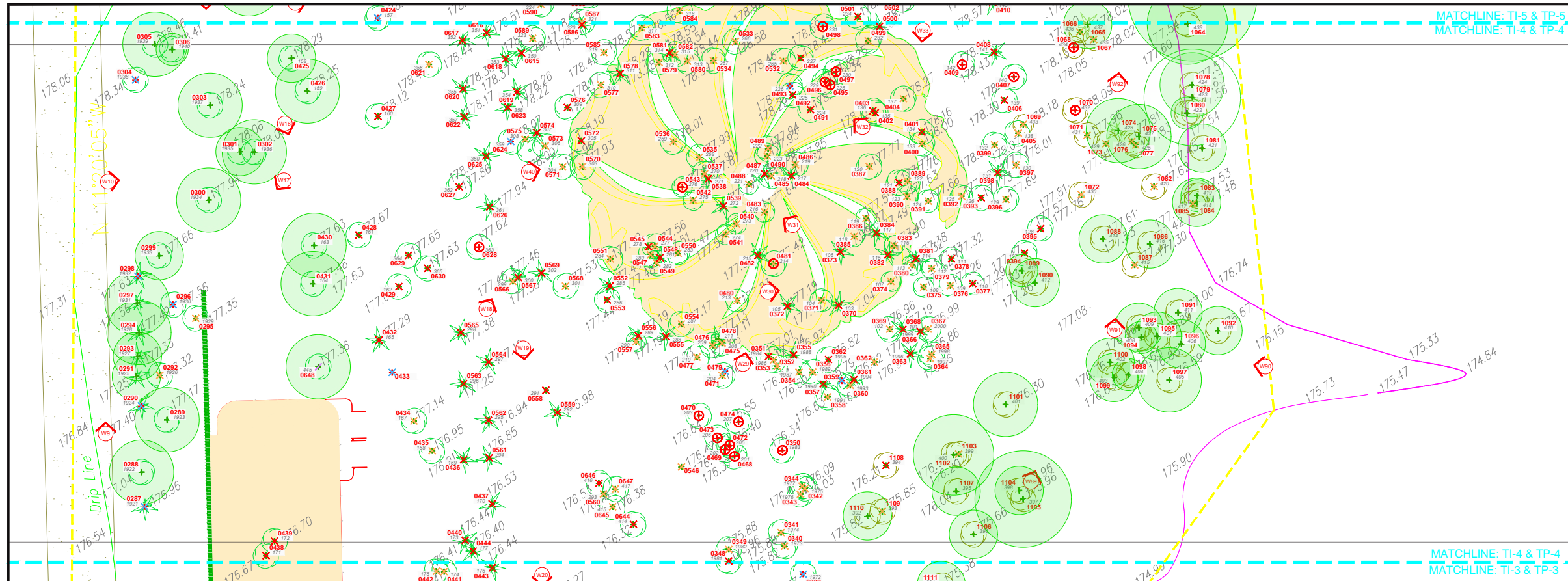
Project Name:
Bahá'í NATIONAL CENTRE AND TEMPLE TREE INVENTORY
 MARKHAM, ON

Drawing Title:
Bahá'í TEMPLE - TREE INVENTORY AND ASSESSMENT PLAN

Scale: 1:150	Project No.: 17069	Drawing No.:
Drawn: JD	Checked: RMS	TI-3
Date: February 2020	Plot Date: 16/01/2024	

S:\Projects\Bahá'í Temple 17069\Drawings\working drawings\17069-TI.dwg

N.T.S. - REPORT ISSUE NOT TO BE USED FOR CONSTRUCTION
APPENDIX C: TREE INVENTORY & ASSESSMENT PLANS



Copyright Statement
 ©2022 SCHOLLEN & COMPANY INC. All rights reserved. This document is protected under copyright law and may not be reproduced in any form without the prior written permission of Schollen & Company Inc. Drawings and Specifications are the property of the Landscape Architect.

This document is submitted by Schollen & Company Inc. to the client in confidence. The document contains confidential and/or technical information, and its unauthorized disclosure could reasonably result in significant professional and financial harm to Schollen & Company Inc. Any damages arising from unauthorized use of this document or the information contained therein shall be borne by the party making such unauthorized use.

No.	Revision	Date	By
0	Issued with Advant/Report	2022/01/11	JD
1	Issued for Coordinator	2022/03/22	JD
2	Released with Advant/Report	2022/10/07	JD
3	Released with Advant/Report	2023/07/14	JD
4	Released with Advant/Report	2023/11/20	AT
5	Released with Advant/Report	2023/01/16	AT

LEGEND

- 0000 TREE INVENTORY NUMBER
- 000 TREE TAG NUMBER
- + INVENTORIED TREE
- 0000 TREE INVENTORY NUMBER
- +000 TREE TAG NUMBER
- ⊕ DEAD TREE
- W00 PHOTO LOCATION
- EXISTING DECIDUOUS TREE
- ★ EXISTING CONIFEROUS TREE
- TREE PROTECTION ZONE (TPZ) OF TREE TO BE RETAINED
- ✗ TREE TO BE REMOVED DUE TO PROPOSED GRADING & CONSTRUCTION (NATIVE & ORNAMENTAL TREES)
- ✗ INVASIVE SPECIES TO BE REMOVED
- ✗ TREE TO BE REMOVED DUE TO POOR CONDITION / DEAD
- TREE TO BE RETAINED WITH INJURY DUE TO PROPOSED GRADING & CONSTRUCTION
- INVENTORIED TREE HAS BEEN REMOVED
- PROPERTY LINE
- TREE INVENTORY & ASSESSMENT BOUNDARY

CITY OF MARKHAM TREE PRESERVATION SPECIFICATIONS

ALL EXISTING TREES WHICH ARE DESIGNATED TO REMAIN SHALL BE FULLY PROTECTED WITH FENCES ERECTED AROUND THE ENTIRE PERIMETER OF THE TREE PROTECTION ZONE (TPZ) IN ACCORDANCE WITH DRAWINGS TP-1 - TP-7. GROUPS OF TREES AND OTHER EXISTING PLANTS THAT ARE TO BE PROTECTED, SHALL BE ADDRESSED IN A LIKE MANNER WITH FENCES ERECTED AROUND THE ENTIRE CLUMP(S).

TREE PROTECTION ZONE DETAILS ARE TO BE APPROVED BY THE CITY WITH BARRIERS INSTALLED PRIOR TO THE COMMENCEMENT OF ANY SITE ALTERATION OR CONSTRUCTION ACTIVITIES. BARRIERS ARE TO BE MAINTAINED IN GOOD CONDITION THROUGHOUT THE DURATION OF THE CONSTRUCTION PERIOD.

TREE PROTECTION SIGNS SHALL BE MOUNTED ON ALL SIDES OF THE BARRIER AND ARE TO BE A MINIMUM SIZE OF 40CM X 60CM. ALL SIGNS MUST REMAIN IN PLACE AND IN GOOD REPAIR THROUGHOUT THE DURATION OF THE CONSTRUCTION PERIOD.

THIS WORK SHALL BE COMPLETED TO THE SATISFACTION OF THE DIRECTOR OF PLANNING AND URBAN DESIGN, PRIOR TO THE ISSUANCE OF BUILDING PERMITS FOR THE SITE DEVELOPMENT. THE DEVELOPER OR HIS/HER AGENT SHALL TAKE EVERY PRECAUTION NECESSARY TO PREVENT INJURY TO TREES OR SHRUBS THAT ARE DESIGNATED TO BE RETAINED.

NO RIGGING CABLES SHALL BE WRAPPED AROUND OR INSTALLED IN TREES; AND SURPLUS SOIL, EQUIPMENT, DEBRIS OR MATERIALS SHALL NOT BE PLACED OVER ROOT SYSTEMS OF THE TREES WITHIN THE PROTECTION FENCES. NO CONTAMINANTS WILL BE DUMPED OR FLUSHED WHERE FEEDER ROOTS OF TREES EXIST.

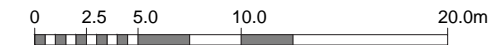
ROOT PRUNING SHALL OCCUR PRIOR TO THE START OF CONSTRUCTION, WHERE REQUIRED TO ACCOMMODATE CONSTRUCTION ACCESS ROOTS SHALL BE PRUNED 15 TO 30 CM BACK FROM THE EDGE OF THE TPZ AND TO A DEPTH OF 1 METRE OR THE MAXIMUM DEPTH OF ROOT PENETRATION (WHICHEVER IS DEEPER). WHERE ROOT SYSTEMS OF PROTECTED TREES ARE EXPOSED DIRECTLY ADJACENT TO OR INJURED BY CONSTRUCTION WORK, THEY SHALL BE CLEANLY SEVERED BY AN ISA CERTIFIED ARBORIST AND THE AREA BACKFILLED WITH NATIVE MATERIAL TO PREVENT DESICCATION. CERTIFICATION FROM THE ARBORIST OF THIS WORK SHALL BE MADE AVAILABLE TO THE CITY.

IF UNFORESEEN GRADE CHANGES AROUND TREES TO BE PRESERVED ARISE, THE PROPONENT SHALL BE REQUIRED TO TAKE SUCH PRECAUTION AS DRY WELLING AND ROOT FEEDING TO THE SATISFACTION OF THE DIRECTOR OF PLANNING AND URBAN DESIGN.

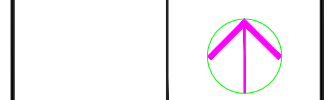
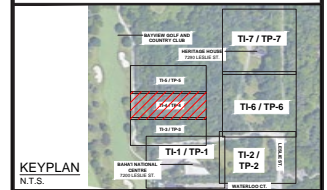
TREES TO BE PRESERVED THAT HAVE DIED OR HAVE BEEN INJURED BEYOND RECOVERY SHALL BE SUBJECT TO SUITABLE COMPENSATION AS DETERMINED BY THE CITY OF MARKHAM, UPON REVIEW OF THE TREE INVENTORY AND ANALYSIS.

AN ISA CERTIFIED ARBORIST SHALL BE ON-SITE FOR ANY WORK WHICH IMPACTS ANY TREE OR TPZ. CERTIFICATION FROM THE ARBORIST OF THIS WORK SHALL BE MADE AVAILABLE TO THE CITY.

WHERE LIMBS OR PORTIONS OF TREES ARE REMOVED TO ACCOMMODATE CONSTRUCTION WORK, THEY WILL BE CAREFULLY REMOVED BY AN ISA CERTIFIED ARBORIST. CERTIFICATION FROM THE ARBORIST OF THIS WORK SHALL BE MADE AVAILABLE TO THE CITY.



APPENDIX C



Drawing Prepared By:
SCHOLLEN & Company Inc.
 30 Wertheim Court, Unit 15
 Richmond Hill, Ontario L4B 1B9
 T: 289-695-0009
 F: 289-695-0010

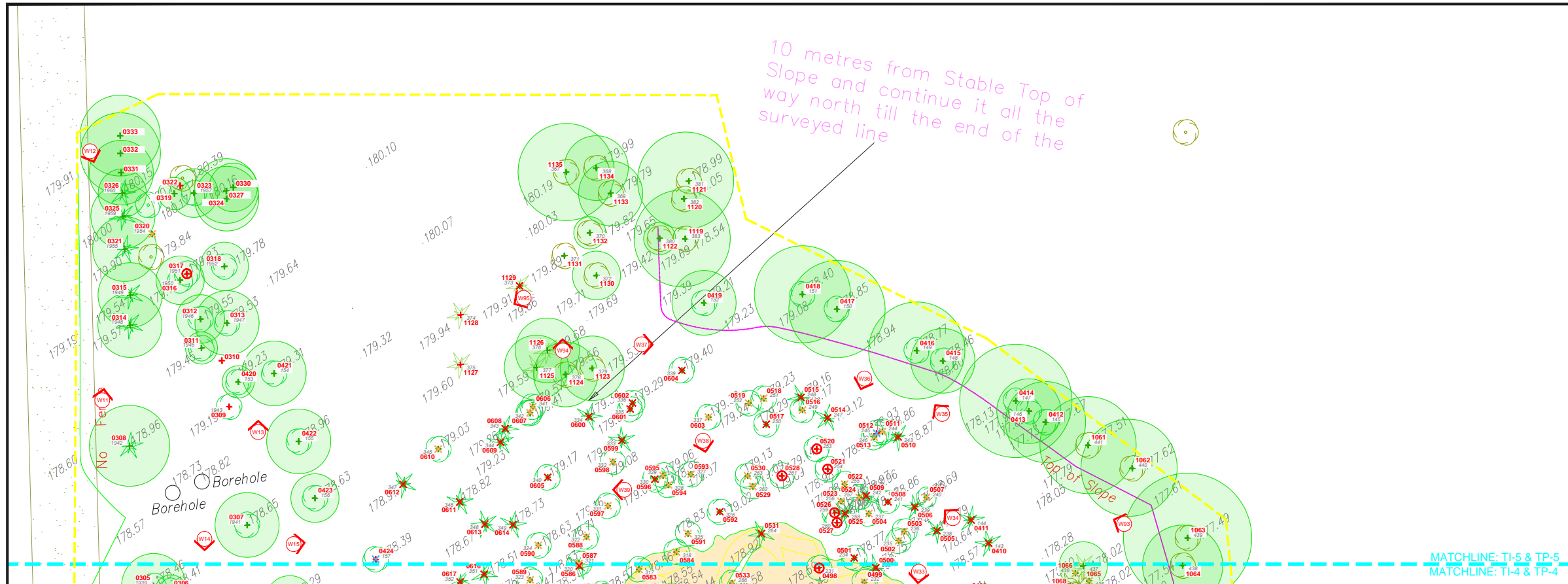
Client:
National Spiritual Assembly of the Bahá'í of Canada ("NSA Bahá'í")

Project Name:
Bahá'í NATIONAL CENTRE AND TEMPLE TREE INVENTORY
 MARKHAM, ON

Drawing Title:
Bahá'í TEMPLE - TREE INVENTORY AND ASSESSMENT PLAN

Scale: 1:150	Project No.: 17069	Drawing No.:
Drawn: JD	Checked: RMS	TI-4
Date: February 2020	Plot Date: 16/01/2024	

S:\Projects\Bahá'í Temple 17069\Drawings\working drawings\17069-TI.dwg



Copyright Statement

©2022 SCHOLLEN & COMPANY INC. All rights reserved. This document is protected under copyright law and may not be reproduced in any form without the prior written permission of Schollen & Company Inc. Drawings and Specifications are the property of the Landscape Architect.

This document is submitted by Schollen & Company Inc. to the client in confidence. The document contains confidential and/or technical information, and its unauthorized disclosure could reasonably result in significant professional and financial harm to Schollen & Company Inc. Any damages arising from unauthorized use of this document or the information contained therein shall be borne by the party making such unauthorized use.

No.	Revision	Date	By
0	Issued with Aerial Report	2022/01/11	JD
1	Issued for Coordination	2022/03/22	JD
2	Revised with Aerial Report	2022/10/07	JD
3	Revised with Aerial Report	2023/07/14	JD
4	Revised with Aerial Report	2023/12/20	AT
5	Revised with Aerial Report	2023/01/16	AT

LEGEND

- 0000 TREE INVENTORY NUMBER
- +0000 TREE TAG NUMBER
- 0000 INVENTORIED TREE
- 0000 TREE INVENTORY NUMBER
- +0000 TREE TAG NUMBER
- +0000 DEAD TREE
- (W001) PHOTO LOCATION
- (C) EXISTING DECIDUOUS TREE
- (N) EXISTING CONIFEROUS TREE
- (TPZ) TREE PROTECTION ZONE (TPZ) OF TREE TO BE RETAINED
- (X) TREE TO BE REMOVED DUE TO PROPOSED GRADING & CONSTRUCTION (NATIVE & ORNAMENTAL TREES)
- (*) INVASIVE SPECIES TO BE REMOVED
- (X) TREE TO BE REMOVED DUE TO POOR CONDITION / DEAD
- (P) TREE TO BE RETAINED WITH INJURY DUE TO PROPOSED GRADING & CONSTRUCTION
- (O) INVENTORIED TREE HAS BEEN REMOVED
- (---) PROPERTY LINE
- (---) TREE INVENTORY & ASSESSMENT BOUNDARY

CITY OF MARKHAM TREE PRESERVATION SPECIFICATIONS

ALL EXISTING TREES WHICH ARE DESIGNATED TO REMAIN SHALL BE FULLY PROTECTED WITH FENCES ERRECTED AROUND THE ENTIRE PERIMETER OF THE TREE PROTECTION ZONE (TPZ) IN ACCORDANCE WITH DRAWINGS TP-1 - TP-7. GROUPS OF TREES AND OTHER EXISTING PLANTS THAT ARE TO BE PROTECTED, SHALL BE ADDRESSED IN A LIKE MANNER WITH FENCES ERRECTED AROUND THE ENTIRE CLUMP(S).

TREE PROTECTION ZONE DETAILS ARE TO BE APPROVED BY THE CITY WITH BARRIERS INSTALLED PRIOR TO THE COMMENCEMENT OF ANY SITE ALTERATION OR CONSTRUCTION ACTIVITIES. BARRIERS ARE TO BE MAINTAINED IN GOOD CONDITION THROUGHOUT THE DURATION OF THE CONSTRUCTION PERIOD.

TREE PROTECTION SIGNS SHALL BE MOUNTED ON ALL SIDES OF THE BARRIER AND ARE TO BE A MINIMUM SIZE OF 40CM X 60CM. ALL SIGNS MUST REMAIN IN PLACE AND IN GOOD REPAIR THROUGHOUT THE DURATION OF THE CONSTRUCTION PERIOD.

THIS WORK SHALL BE COMPLETED TO THE SATISFACTION OF THE DIRECTOR OF PLANNING AND URBAN DESIGN, PRIOR TO THE ISSUANCE OF BUILDING PERMITS FOR THE SITE DEVELOPMENT. THE DEVELOPER OR HIS/HER AGENT SHALL TAKE EVERY PRECAUTION NECESSARY TO PREVENT INJURY TO TREES OR SHRUBS THAT ARE DESIGNATED TO BE RETAINED.

NO RIGGING CABLES SHALL BE WRAPPED AROUND OR INSTALLED IN TREES; AND SURPLUS SOIL, EQUIPMENT, DEBRIS OR MATERIALS SHALL NOT BE PLACED OVER ROOT SYSTEMS OF THE TREES WITHIN THE PROTECTION FENCES. NO CONTAMINANTS WILL BE DUMPED OR FLUSHED WHERE FEEDER ROOTS OF TREES EXIST.

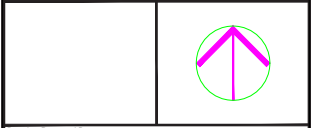
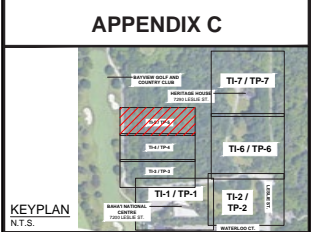
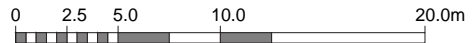
ROOT PRUNING SHALL OCCUR PRIOR TO THE START OF CONSTRUCTION, WHERE REQUIRED TO ACCOMMODATE CONSTRUCTION ACCESS. ROOTS SHALL BE PRUNED 15 TO 30 CM BACK FROM THE EDGE OF THE TPZ AND TO A DEPTH OF 1 METRE OR THE MAXIMUM DEPTH OF ROOT PENETRATION (WHICHEVER IS DEEPER), WHERE ROOT SYSTEMS OF PROTECTED TREES ARE EXPOSED DIRECTLY ADJACENT TO OR INJURED BY CONSTRUCTION WORK, THEY SHALL BE CLEANLY SEVERED BY AN ISA CERTIFIED ARBORIST AND THE AREA BACKFILLED WITH NATIVE MATERIAL TO PREVENT DESICCATION. CERTIFICATION FROM THE ARBORIST OF THIS WORK SHALL BE MADE AVAILABLE TO THE CITY.

IF UNFORESEEN GRADE CHANGES AROUND TREES TO BE PRESERVED ARISE, THE PROPONENT SHALL BE REQUIRED TO TAKE SUCH PRECAUTION AS DRY WELLING AND ROOT FEEDING TO THE SATISFACTION OF THE DIRECTOR OF PLANNING AND URBAN DESIGN.

TREES TO BE PRESERVED THAT HAVE DIED OR HAVE BEEN INJURED BEYOND RECOVERY SHALL BE SUBJECT TO SUITABLE COMPENSATION AS DETERMINED BY THE CITY OF MARKHAM, UPON REVIEW OF THE TREE INVENTORY AND ANALYSIS.

AN ISA CERTIFIED ARBORIST SHALL BE ON-SITE FOR ANY WORK WHICH IMPACTS ANY TREE OR TPZ. CERTIFICATION FROM THE ARBORIST OF THIS WORK SHALL BE MADE AVAILABLE TO THE CITY.

WHERE LIMBS OR PORTIONS OF TREES ARE REMOVED TO ACCOMMODATE CONSTRUCTION WORK, THEY WILL BE CAREFULLY REMOVED BY AN ISA CERTIFIED ARBORIST. CERTIFICATION FROM THE ARBORIST OF THIS WORK SHALL BE MADE AVAILABLE TO THE CITY.



Drawing Prepared By:
SCHOLLEN & Company Inc.
 30 Wertheim Court, Unit 15
 Richmond Hill, Ontario L4B 1B9
 T: 289-695-0009
 F: 289-695-0010

Client:
National Spiritual Assembly of the Bahá'í of Canada ("NSA Bahá'í")

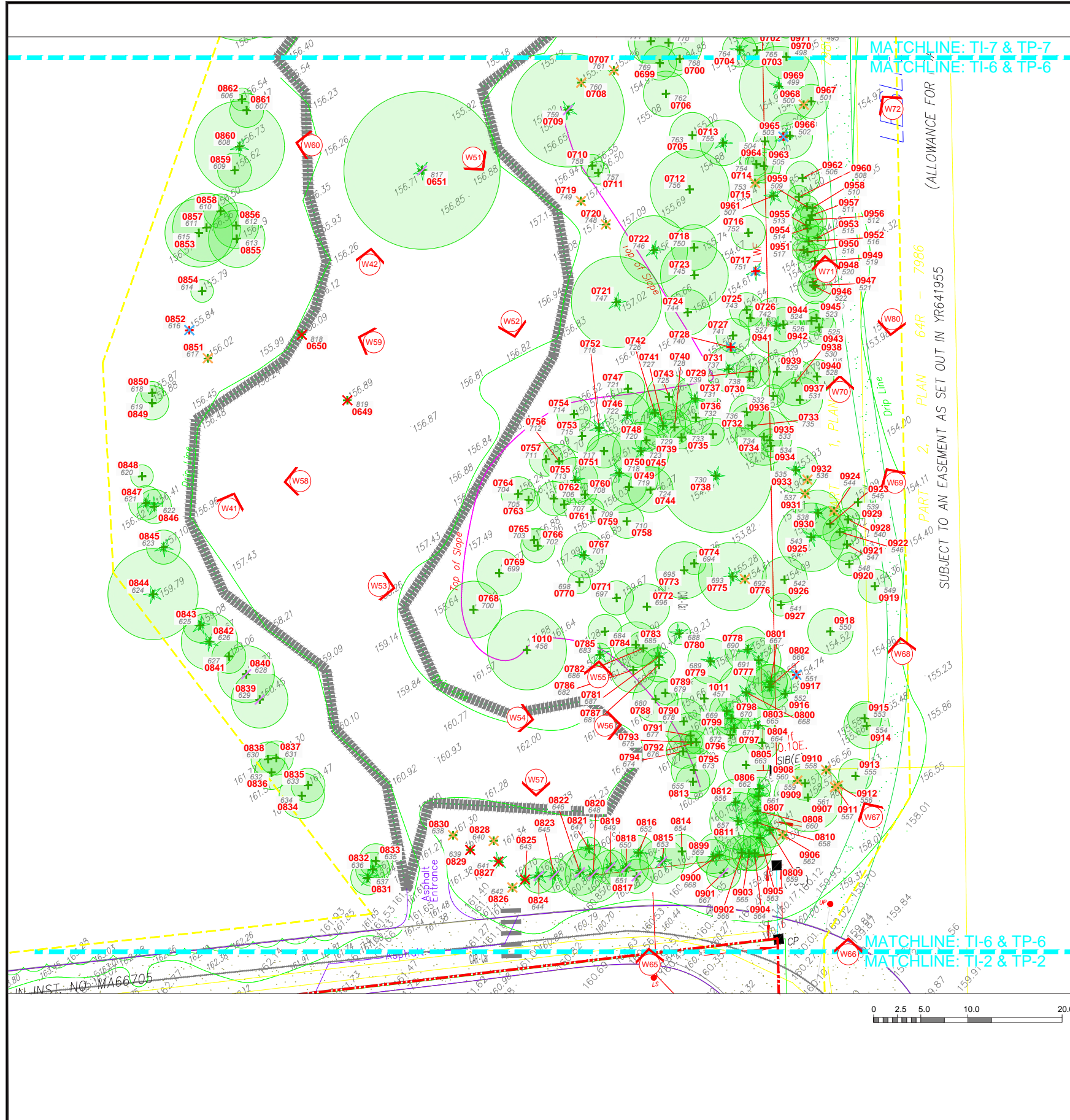
Project Name:
Bahá'í NATIONAL CENTRE AND TEMPLE TREE INVENTORY
 MARKHAM, ON

Drawing Title:
Bahá'í TEMPLE - TREE INVENTORY AND ASSESSMENT PLAN

Scale: 1:150	Project No.: 17069	Drawing No.: TI-5
Drawn: JD	Checked: RMS	
Date: February 2020	Plot Date: 16/01/2024	

S:\Projects\Bahá'í Temple 17069\Drawings\working drawings\17069-TI-5.dwg

N.T.S. - REPORT ISSUE NOT TO BE USED FOR CONSTRUCTION
 APPENDIX C: TREE INVENTORY & ASSESSMENT PLANS



CITY OF MARKHAM TREE PRESERVATION SPECIFICATIONS

ALL EXISTING TREES WHICH ARE DESIGNATED TO REMAIN SHALL BE FULLY PROTECTED WITH FENCES ERRECTED AROUND THE ENTIRE PERIMETER OF THE TREE PROTECTION ZONE (TPZ) IN ACCORDANCE WITH DRAWINGS TP-1 - TP-7. GROUPS OF TREES AND OTHER EXISTING PLANTS THAT ARE TO BE PROTECTED, SHALL BE ADDRESSED IN A LIKE MANNER WITH FENCES ERRECTED AROUND THE ENTIRE CLUMP(S).

TREE PROTECTION ZONE DETAILS ARE TO BE APPROVED BY THE CITY WITH BARRIERS INSTALLED PRIOR TO THE COMMENCEMENT OF ANY SITE ALTERATION OR CONSTRUCTION ACTIVITIES. BARRIERS ARE TO BE MAINTAINED IN GOOD CONDITION THROUGHOUT THE DURATION OF THE CONSTRUCTION PERIOD.

TREE PROTECTION SIGNS SHALL BE MOUNTED ON ALL SIDES OF THE BARRIER AND ARE TO BE A MINIMUM SIZE OF 40CM X 60CM. ALL SIGNS MUST REMAIN IN PLACE AND IN GOOD REPAIR THROUGHOUT THE DURATION OF THE CONSTRUCTION PERIOD.

THIS WORK SHALL BE COMPLETED TO THE SATISFACTION OF THE DIRECTOR OF PLANNING AND URBAN DESIGN, PRIOR TO THE ISSUANCE OF BUILDING PERMITS FOR THE SITE DEVELOPMENT. THE DEVELOPER OR HIS/HER AGENT SHALL TAKE EVERY PRECAUTION NECESSARY TO PREVENT INJURY TO TREES OR SHRUBS THAT ARE DESIGNATED TO BE RETAINED.

NO RIGGING CABLES SHALL BE WRAPPED AROUND OR INSTALLED IN TREES; AND SURPLUS SOIL, EQUIPMENT, DEBRIS OR MATERIALS SHALL NOT BE PLACED OVER ROOT SYSTEMS OF THE TREES WITHIN THE PROTECTION FENCES. NO CONTAMINANTS WILL BE DUMPED OR FLUSHED WHERE FEEDER ROOTS OF TREES EXIST.

ROOT PRUNING SHALL OCCUR PRIOR TO THE START OF CONSTRUCTION, WHERE REQUIRED TO ACCOMMODATE CONSTRUCTION ACCESS. ROOTS SHALL BE PRUNED 15 TO 30 CM BACK FROM THE EDGE OF THE TPZ AND TO A DEPTH OF 1 METRE OR THE MAXIMUM DEPTH OF ROOT PENETRATION (WHICHEVER IS DEEPER), WHERE ROOT SYSTEMS OF PROTECTED TREES ARE EXPOSED DIRECTLY ADJACENT TO OR INJURED BY CONSTRUCTION WORK. THEY SHALL BE CLEANLY SEVERED BY AN ISA CERTIFIED ARBORIST AND THE AREA BACKFILLED WITH NATIVE MATERIAL TO PREVENT DESICCATION. CERTIFICATION FROM THE ARBORIST OF THIS WORK SHALL BE MADE AVAILABLE TO THE CITY.

IF UNFORESEEN GRADE CHANGES AROUND TREES TO BE PRESERVED ARISE, THE PROPONENT SHALL BE REQUIRED TO TAKE SUCH PRECAUTION AS DRY WELLING AND ROOT FEEDING TO THE SATISFACTION OF THE DIRECTOR OF PLANNING AND URBAN DESIGN.

TREES TO BE PRESERVED THAT HAVE DIED OR HAVE BEEN INJURED BEYOND RECOVERY SHALL BE SUBJECT TO SUITABLE COMPENSATION AS DETERMINED BY THE CITY OF MARKHAM, UPON REVIEW OF THE TREE INVENTORY AND ANALYSIS.

AN ISA CERTIFIED ARBORIST SHALL BE ON-SITE FOR ANY WORK WHICH IMPACTS ANY TREE OR TPZ. CERTIFICATION FROM THE ARBORIST OF THIS WORK SHALL BE MADE AVAILABLE TO THE CITY.

WHERE LIMBS OR PORTIONS OF TREES ARE REMOVED TO ACCOMMODATE CONSTRUCTION WORK, THEY WILL BE CAREFULLY REMOVED BY AN ISA CERTIFIED ARBORIST. CERTIFICATION FROM THE ARBORIST OF THIS WORK SHALL BE MADE AVAILABLE TO THE CITY.

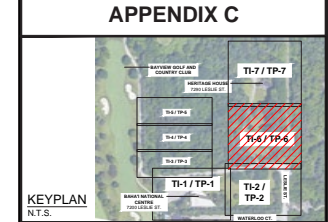
Copyright Statement

©2022 SCHOLLEN & COMPANY INC. All rights reserved. This document is protected under copyright law and may not be reproduced in any form without the prior written permission of Schollen & Company Inc. Drawings and Specifications are the property of the Landscape Architect.

This document is submitted by Schollen & Company Inc. to the client in confidence. The document contains confidential and/or technical information, and its unauthorized disclosure could reasonably result in significant professional and financial harm to Schollen & Company Inc. Any damages arising from unauthorized use of this document or the information contained therein shall be borne by the party making such unauthorized use.

No.	Revision	Date	By
0	Issued with Aerial Report	2022/01/11	JD
1	Issued for Coordination	2022/03/22	JD
2	Revised with Aerial Report	2022/10/07	JD
3	Revised with Aerial Report	2023/07/14	JD
4	Revised with Aerial Report	2023/12/20	AT
5	Revised with Aerial Report	2023/01/16	AT

- LEGEND**
- 0000 TREE INVENTORY NUMBER
 - 0000 TREE TAG NUMBER
 - INVENTORIED TREE
 - 0000 TREE INVENTORY NUMBER
 - 0000 TREE TAG NUMBER
 - + DEAD TREE
 - (W00) PHOTO LOCATION
 - (C) EXISTING DECIDUOUS TREE
 - (P) EXISTING CONIFEROUS TREE
 - (C) TREE PROTECTION ZONE (TPZ) OF TREE TO BE RETAINED
 - (X) TREE TO BE REMOVED DUE TO PROPOSED GRADING & CONSTRUCTION (NATIVE & ORNAMENTAL TREES)
 - (X) INVASIVE SPECIES TO BE REMOVED
 - (X) TREE TO BE REMOVED DUE TO POOR CONDITION / DEAD
 - (P) TREE TO BE RETAINED WITH INJURY DUE TO PROPOSED GRADING & CONSTRUCTION
 - (O) INVENTORIED TREE HAS BEEN REMOVED
 - (---) PROPERTY LINE
 - (---) TREE INVENTORY & ASSESSMENT BOUNDARY



Drawing Prepared By:
SCHOLLEN & Company Inc.
 30 Wertheim Court, Unit 15
 Richmond Hill, Ontario L4B 1B9
 T: 289-695-0009
 F: 289-695-0010

Client:
National Spiritual Assembly of the Bahá'í of Canada ("NSA Bahá'í")

Project Name:
Bahá'í NATIONAL CENTRE AND TEMPLE TREE INVENTORY
 MARKHAM, ON

Drawing Title:
Bahá'í WELCOME CENTRE - TREE INVENTORY & ASSESSMENT PLAN

Scale: **1:200**

Project No.: **17069**

Drawn: **JD**

Checked: **RMS**

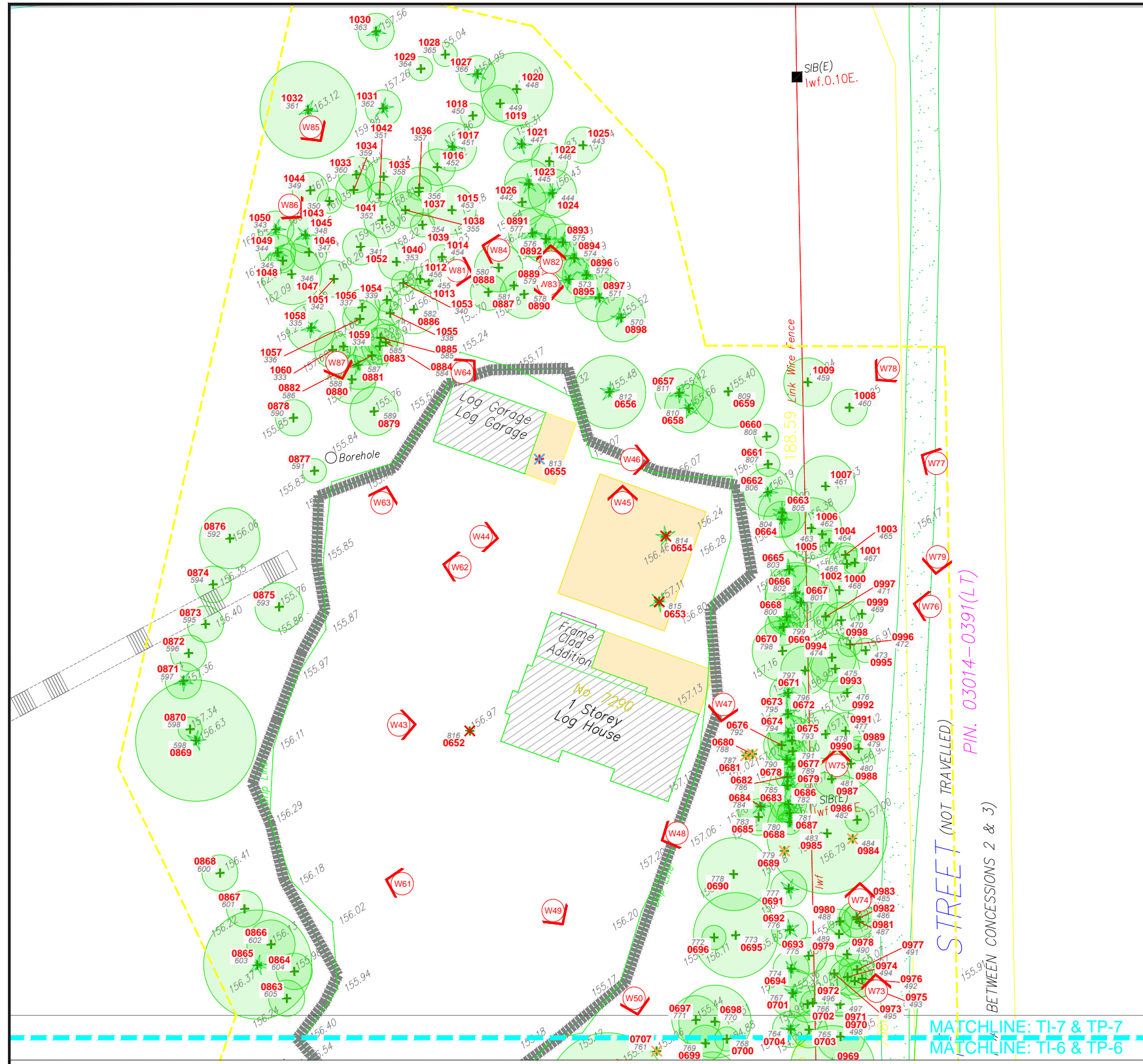
Date: **February 2020**

Plot Date: **16/01/2024**

Drawing No.: **TI-6**

S:\Projects\Bahá'í Temple 17069\Drawings\working drawings\17069-TI-6.dwg

N.T.S. - REPORT ISSUE NOT TO BE USED FOR CONSTRUCTION
APPENDIX C: TREE INVENTORY & ASSESSMENT PLANS



CITY OF MARKHAM TREE PRESERVATION SPECIFICATIONS

ALL EXISTING TREES WHICH ARE DESIGNATED TO REMAIN SHALL BE FULLY PROTECTED WITH FENCES ERRECTED AROUND THE ENTIRE PERIMETER OF THE TREE PROTECTION ZONE (TPZ) IN ACCORDANCE WITH DRAWINGS TP-1 - TP-7. GROUPS OF TREES AND OTHER EXISTING PLANTS THAT ARE TO BE PROTECTED, SHALL BE ADDRESSED IN A LIKE MANNER WITH FENCES ERRECTED AROUND THE ENTIRE CLUMP(S).

TREE PROTECTION ZONE DETAILS ARE TO BE APPROVED BY THE CITY WITH BARRIERS INSTALLED PRIOR TO THE COMMENCEMENT OF ANY SITE ALTERATION OR CONSTRUCTION ACTIVITIES. BARRIERS ARE TO BE MAINTAINED IN GOOD CONDITION THROUGHOUT THE DURATION OF THE CONSTRUCTION PERIOD.

TREE PROTECTION SIGNS SHALL BE MOUNTED ON ALL SIDES OF THE BARRIER AND ARE TO BE A MINIMUM SIZE OF 40CM X 60CM. ALL SIGNS MUST REMAIN IN PLACE AND IN GOOD REPAIR THROUGHOUT THE DURATION OF THE CONSTRUCTION PERIOD.

THIS WORK SHALL BE COMPLETED TO THE SATISFACTION OF THE DIRECTOR OF PLANNING AND URBAN DESIGN, PRIOR TO THE ISSUANCE OF BUILDING PERMITS FOR THE SITE DEVELOPMENT. THE DEVELOPER OR HIS/HER AGENT SHALL TAKE EVERY PRECAUTION NECESSARY TO PREVENT INJURY TO TREES OR SHRUBS THAT ARE DESIGNATED TO BE RETAINED.

NO RIGGING CABLES SHALL BE WRAPPED AROUND OR INSTALLED IN TREES, AND SURPLUS SOIL, EQUIPMENT, DEBRIS OR MATERIALS SHALL NOT BE PLACED OVER ROOT SYSTEMS OF THE TREES WITHIN THE PROTECTION FENCES. NO CONTAMINANTS WILL BE DUMPED OR FLUSHED WHERE FEEDER ROOTS OF TREES EXIST.

ROOT PRUNING SHALL OCCUR PRIOR TO THE START OF CONSTRUCTION, WHERE REQUIRED TO ACCOMMODATE CONSTRUCTION ACCESS. ROOTS SHALL BE PRUNED 15 TO 30 CM BACK FROM THE EDGE OF THE TPZ AND TO A DEPTH OF 1 METRE OR THE MAXIMUM DEPTH OF ROOT PENETRATION (WHICHEVER IS DEEPER). WHERE ROOT SYSTEMS OF PROTECTED TREES ARE EXPOSED DIRECTLY ADJACENT TO OR INJURED BY CONSTRUCTION WORK, THEY SHALL BE CLEANLY SEVERED BY AN ISA CERTIFIED ARBORIST AND THE AREA BACKFILLED WITH NATIVE MATERIAL TO PREVENT DESICCATION. CERTIFICATION FROM THE ARBORIST OF THIS WORK SHALL BE MADE AVAILABLE TO THE CITY.

IF UNFORESEEN GRADE CHANGES AROUND TREES TO BE PRESERVED ARISE, THE PROPONENT SHALL BE REQUIRED TO TAKE SUCH PRECAUTION AS DRY WELLING AND ROOT FEEDING TO THE SATISFACTION OF THE DIRECTOR OF PLANNING AND URBAN DESIGN.

TREES TO BE PRESERVED THAT HAVE DIED OR HAVE BEEN INJURED BEYOND RECOVERY SHALL BE SUBJECT TO SUITABLE COMPENSATION AS DETERMINED BY THE CITY OF MARKHAM, UPON REVIEW OF THE TREE INVENTORY AND ANALYSIS.

AN ISA CERTIFIED ARBORIST SHALL BE ON-SITE FOR ANY WORK WHICH IMPACTS ANY TREE OR TPZ. CERTIFICATION FROM THE ARBORIST OF THIS WORK SHALL BE MADE AVAILABLE TO THE CITY.

WHERE LIMBS OR PORTIONS OF TREES ARE REMOVED TO ACCOMMODATE CONSTRUCTION WORK, THEY WILL BE CAREFULLY REMOVED BY AN ISA CERTIFIED ARBORIST. CERTIFICATION FROM THE ARBORIST OF THIS WORK SHALL BE MADE AVAILABLE TO THE CITY.

Copyright Statement

©2022 SCHOLLEN & COMPANY INC. All rights reserved. This document is protected under copyright law and may not be reproduced in any form without the prior written permission of Schollen & Company Inc. Drawings and Specifications are the property of the Landscape Architect.

This document is submitted by Schollen & Company Inc. to the client in confidence. The document contains confidential and/or technical information, and its unauthorized disclosure could reasonably result in significant professional and financial harm to Schollen & Company Inc. Any damages arising from unauthorized use of this document or the information contained therein shall be borne by the party making such unauthorized use.

No.	Revision	Date	By
0	Issued with Aerial Report	2022/01/11	JD
1	Issued for Coordination	2022/03/22	JD
2	Revised with Aerial Report	2022/10/07	JD
3	Revised with Aerial Report	2023/07/14	JD
4	Revised with Aerial Report	2023/12/20	AT
5	Revised with Aerial Report	2023/01/16	AT

LEGEND

- 0000 TREE INVENTORY NUMBER
- +0000 TREE TAG NUMBER
- 0000 INVENTORIED TREE
- 0000 TREE INVENTORY NUMBER
- +0000 TREE TAG NUMBER
- + DEAD TREE
- (W001) PHOTO LOCATION
- (Green Circle) EXISTING DECIDUOUS TREE
- (Green Star) EXISTING CONIFEROUS TREE
- (Green Circle) TREE PROTECTION ZONE (TPZ) OF TREE TO BE RETAINED
- (Red X) TREE TO BE REMOVED DUE TO PROPOSED GRADING & CONSTRUCTION (NATIVE & ORNAMENTAL TREES)
- (Orange X) INVASIVE SPECIES TO BE REMOVED
- (Blue X) TREE TO BE REMOVED DUE TO POOR CONDITION / DEAD
- (Purple X) TREE TO BE RETAINED WITH INJURY DUE TO PROPOSED GRADING & CONSTRUCTION
- (Red Circle) INVENTORIED TREE HAS BEEN REMOVED
- (Red Line) PROPERTY LINE
- (Yellow Dashed Line) TREE INVENTORY & ASSESSMENT BOUNDARY

APPENDIX C

KEYPLAN
N.T.S.

Drawing Prepared By:
SCHOLLEN & Company Inc.
30 Wertheim Court, Unit 15
Richmond Hill, Ontario L4B 1B9
T: 289-695-0009
F: 289-695-0010

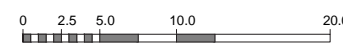
Client:
National Spiritual Assembly of the Bahá'í of Canada ("NSA Bahá'í")

Project Name:
Bahá'í NATIONAL CENTRE AND TEMPLE TREE INVENTORY
MARKHAM, ON

Drawing Title:
Bahá'í WELCOME CENTRE - TREE INVENTORY & ASSESSMENT PLAN

Scale: 1:200	Project No.: 17069	Drawing No.: TI-7
Drawn: JD	Checked: RMS	
Date: February 2020	Plot Date: 16/01/2024	

S:\Projects\Bahá'í Temple 17069\Drawings\working Drawings\17069-TI-07.dwg



MATCHLINE: TI-7 & TP-7
MATCHLINE: TI-6 & TP-6

N.T.S. - REPORT ISSUE NOT TO BE USED FOR CONSTRUCTION
APPENDIX D: TREE PRESERVATION PLANS

Copyright Statement

©2022 SCHOLLEN & COMPANY INC. All rights reserved. This document is protected under copyright law and may not be reproduced in any form without the prior written permission of Schollen & Company Inc. Drawings and Specifications are the property of the Landscape Architect.

This document is submitted by Schollen & Company Inc. to the client in confidence. The document contains confidential and/or technical information, and its unauthorized disclosure could reasonably result in significant professional and financial harm to Schollen & Company Inc. Any damages arising from unauthorized use of this document or the information contained therein shall be borne by the party making such unauthorized use.

No.	Revision	Date	By
0	Issued with AdvantReport	2022/01/11	JD
1	Issued for Coordinator	2022/03/22	JD
2	Released with AdvantReport	2022/10/07	JD
3	Released with AdvantReport	2023/07/14	JD
4	Released with AdvantReport	2023/11/20	AT
5	Released with AdvantReport	2023/01/16	AT

LEGEND

- 0000 TREE INVENTORY NUMBER
- 000 TREE TAG NUMBER
- 0000 INVENTORIED TREE
- 0000 TREE INVENTORY NUMBER
- 0000 TREE TAG NUMBER
- 0000 DEAD TREE
- WOO PHOTO LOCATION
- EXISTING DECIDUOUS TREE
- EXISTING CONIFEROUS TREE
- TREE PROTECTION ZONE (TPZ) OF TREE TO BE RETAINED
- TREE TO BE REMOVED DUE TO PROPOSED GRADING & CONSTRUCTION (NATIVE & ORNAMENTAL TREES)
- INVASIVE SPECIES TO BE REMOVED
- TREE TO BE REMOVED DUE TO POOR CONDITION / DEAD
- TREE TO BE RETAINED WITH INJURY DUE TO PROPOSED GRADING & CONSTRUCTION
- INVENTORIED TREE HAS BEEN REMOVED
- PROPERTY LINE
- TREE INVENTORY & ASSESSMENT BOUNDARY
- PROPOSED TREE PROTECTION FENCE - INSTALL PER CITY OF MARKHAM DETAIL

APPENDIX C

PRUNE BRANCHES AS REQUIRED TO PREVENT CONSTRUCTION DAMAGE

SUPPORTS SHALL NOT DISTURB ROOTS

WOOD FRAME (100x100) TOP, BOTTOM AND SUPPORT BRACE

BOARDING AS DETERMINED BY TOWN

ORANGE CONSTRUCTION FENCE

SILTATION FABRIC 600 ABOVE GRADE

MINIMUM TREE PROTECTION DISTANCE FROM TRUNK

4" DBH	1.2m
10-25cm DBH	1.8m
30-50cm DBH	2.4m
41-50cm DBH	3.0m
51-60cm DBH	3.6m
61-70cm DBH	4.2m
71-80cm DBH	4.8m
81-90cm DBH	5.4m
91-100cm DBH	6.0m
> 100cm DBH	6.6m/1cm/ft

DIAMETER AT BRANCH BASE - TRUNK DIAMETER AT 1.4m HEIGHT

TREE PROTECTION NOTES:

- ALL TREE PROTECTION BARRIERS SHALL BE IN PLACE AND APPROVED BY THE TOWN PRIOR TO CONSTRUCTION ACCESS.
- ALL SUPPORTS AND STAKES SHALL BE OUTSIDE THE TREE PROTECTION ZONE AND SHALL MINIMIZE ROOT DAMAGE.
- TREE PROTECTION BARRIERS SHALL REMAIN IN PLACE AND IN GOOD CONDITION UNTIL ALL CONSTRUCTION IS COMPLETE AND APPROVED BY THE TOWN.
- ALL ARBORICULTURE WORK SUCH AS PRUNING OF BRANCHES AND ROOTS, SHALL BE DONE BY A QUALIFIED TREE WORKER CERTIFIED WITH THE INTERNATIONAL SOCIETY OF ARBORICULTURE APPROVED BY THE TOWN.

TREE PRESERVATION DETAILS

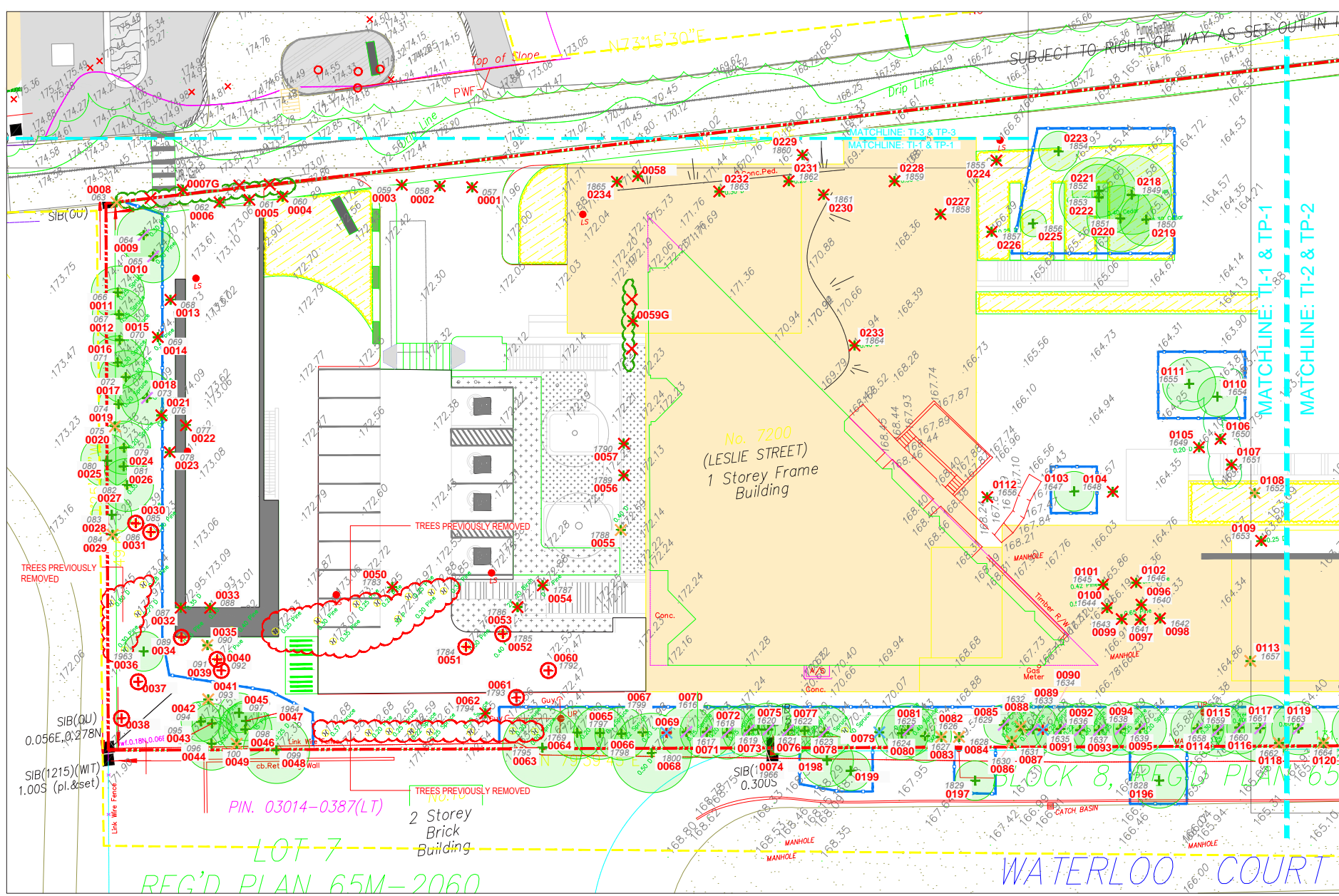
NO WORK IS PERMITTED WITHIN THE TREE PROTECTION ZONE INCLUDING GRADING, CONSTRUCTION ACCESS AND MATERIAL STORAGE.

BREACH OF TREE PROTECTION ZONE IS SUBJECT TO A FINE OF \$

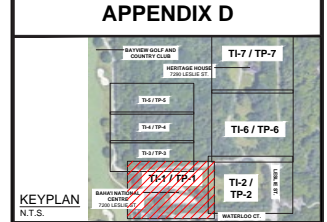
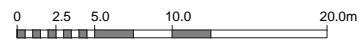
CONTACT TOWN OF MARKHAM FOR MORE INFORMATION: 905-477-5550

MARKHAM
THE CORPORATION OF THE TOWN OF MARKHAM

SCALE: N.T.S. DATE: JUNE 2009 SHEET NO.: T-1



SYMBOL	QTY THIS SHEET	QTY TOTAL	DESCRIPTION
✗	44	234	TREE TO BE REMOVED DUE TO PROPOSED GRADING & CONSTRUCTION (NATIVE & ORNAMENTAL TREES)
✕	14	222	INVASIVE SPECIES TO BE REMOVED
✕	3	46	TREE TO BE REMOVED DUE TO POOR CONDITION / DEAD
✗	22	56	TREE TO BE RETAINED WITH INJURY DUE TO PROPOSED GRADING & CONSTRUCTION
○	12	42	INVENTORIED TREE HAS BEEN REMOVED



Drawing Prepared By:
SCHOLLEN & Company Inc.
30 Wertheim Court, Unit 15
Richmond Hill, Ontario L4B 1B9
T: 289-695-0009
F: 289-695-0010

Client:
National Spiritual Assembly of the Bahá'í of Canada ("NSA Bahá'í")

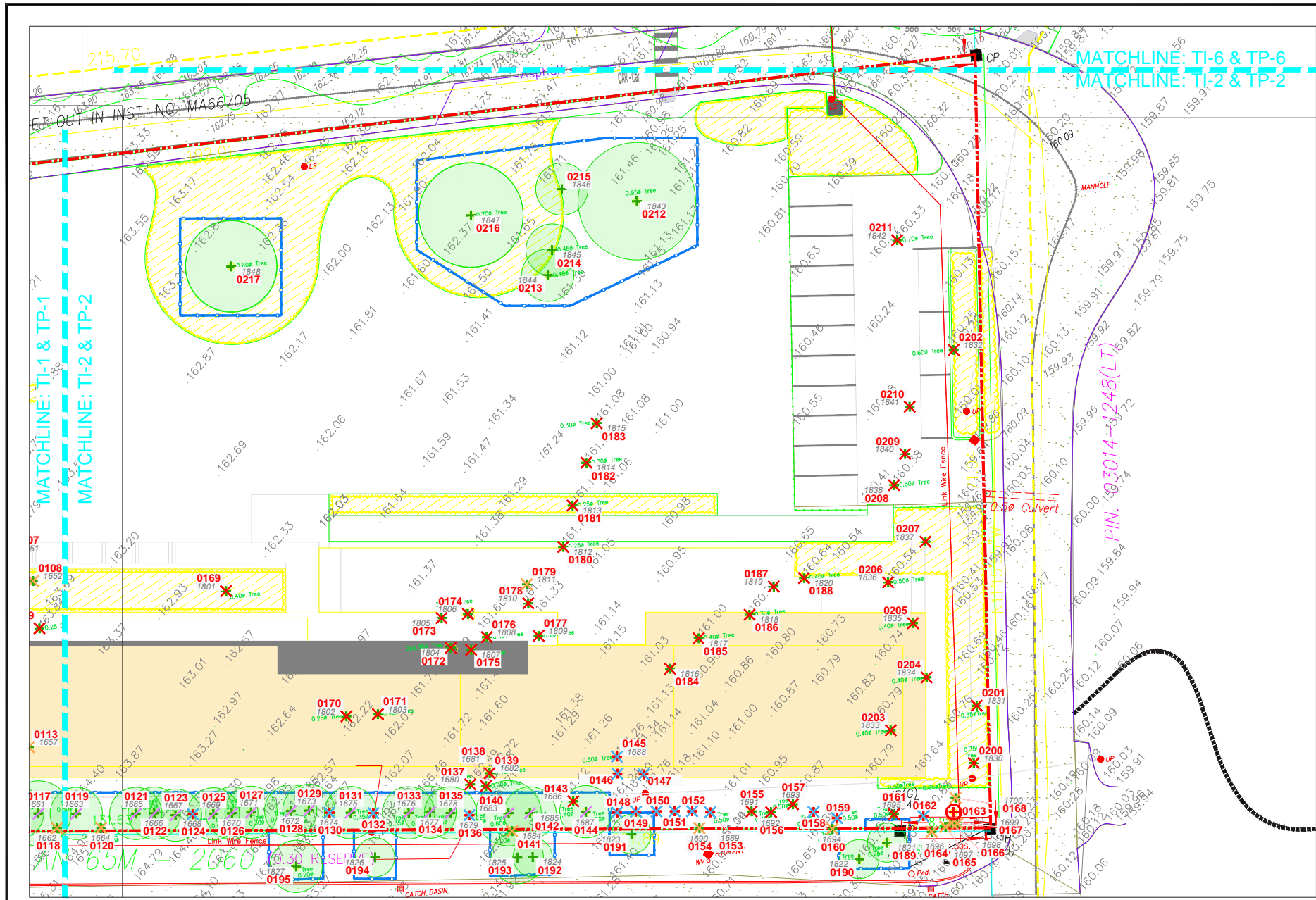
Project Name:
Bahá'í NATIONAL CENTRE AND TEMPLE TREE INVENTORY
MARKHAM, ON

Drawing Title:
BAHA'I NATIONAL CENTRE - TREE PRESERVATION PLAN

Scale: 1:200	Project No.: 17069	Drawing No.: TP-1
Drawn: JD	Checked: RMS	
Date: February 2020	Plot Date: 16/01/2024	

S:\Projects\Bahá'í Temple 17069\Drawings\working drawings\17069-T1.dwg

N.T.S. - REPORT ISSUE NOT TO BE USED FOR CONSTRUCTION
APPENDIX D: TREE PRESERVATION PLANS



APPENDIX C
PRUNE BRANCHES AS REQUIRED TO PREVENT CONSTRUCTION DAMAGE
SUPPORTS SHALL NOT DISTURB ROOTS
WOOD FRAME (100x100) TOP, BOTTOM AND SUPPORT BRACE
WOOD POST (100x100x1200)
BOARDING AS DETERMINED BY TOWN

MINIMUM TREE PROTECTION DISTANCE FROM TRUNK:
 10-25cm DBH 1.2m
 26-50cm DBH 1.8m
 51-75cm DBH 2.4m
 76-100cm DBH 3.0m
 101-125cm DBH 3.6m
 126-150cm DBH 4.2m
 151-175cm DBH 4.8m
 176-200cm DBH 5.4m
 201-225cm DBH 6.0m
 226-250cm DBH 6.6m
 251-300cm DBH 7.2m
 301-350cm DBH 7.8m
 351-400cm DBH 8.4m
 401-450cm DBH 9.0m
 451-500cm DBH 9.6m
 501-550cm DBH 10.2m
 551-600cm DBH 10.8m
 601-650cm DBH 11.4m
 651-700cm DBH 12.0m
 701-750cm DBH 12.6m
 751-800cm DBH 13.2m
 801-850cm DBH 13.8m
 851-900cm DBH 14.4m
 901-950cm DBH 15.0m
 951-1000cm DBH 15.6m
 1001-1050cm DBH 16.2m
 1051-1100cm DBH 16.8m
 1101-1150cm DBH 17.4m
 1151-1200cm DBH 18.0m
 1201-1250cm DBH 18.6m
 1251-1300cm DBH 19.2m
 1301-1350cm DBH 19.8m
 1351-1400cm DBH 20.4m
 1401-1450cm DBH 21.0m
 1451-1500cm DBH 21.6m
 1501-1550cm DBH 22.2m
 1551-1600cm DBH 22.8m
 1601-1650cm DBH 23.4m
 1651-1700cm DBH 24.0m
 1701-1750cm DBH 24.6m
 1751-1800cm DBH 25.2m
 1801-1850cm DBH 25.8m
 1851-1900cm DBH 26.4m
 1901-1950cm DBH 27.0m
 1951-2000cm DBH 27.6m
 2001-2050cm DBH 28.2m
 2051-2100cm DBH 28.8m
 2101-2150cm DBH 29.4m
 2151-2200cm DBH 30.0m
 2201-2250cm DBH 30.6m
 2251-2300cm DBH 31.2m
 2301-2350cm DBH 31.8m
 2351-2400cm DBH 32.4m
 2401-2450cm DBH 33.0m
 2451-2500cm DBH 33.6m
 2501-2550cm DBH 34.2m
 2551-2600cm DBH 34.8m
 2601-2650cm DBH 35.4m
 2651-2700cm DBH 36.0m
 2701-2750cm DBH 36.6m
 2751-2800cm DBH 37.2m
 2801-2850cm DBH 37.8m
 2851-2900cm DBH 38.4m
 2901-2950cm DBH 39.0m
 2951-3000cm DBH 39.6m
 3001-3050cm DBH 40.2m
 3051-3100cm DBH 40.8m
 3101-3150cm DBH 41.4m
 3151-3200cm DBH 42.0m
 3201-3250cm DBH 42.6m
 3251-3300cm DBH 43.2m
 3301-3350cm DBH 43.8m
 3351-3400cm DBH 44.4m
 3401-3450cm DBH 45.0m
 3451-3500cm DBH 45.6m
 3501-3550cm DBH 46.2m
 3551-3600cm DBH 46.8m
 3601-3650cm DBH 47.4m
 3651-3700cm DBH 48.0m
 3701-3750cm DBH 48.6m
 3751-3800cm DBH 49.2m
 3801-3850cm DBH 49.8m
 3851-3900cm DBH 50.4m
 3901-3950cm DBH 51.0m
 3951-4000cm DBH 51.6m
 4001-4050cm DBH 52.2m
 4051-4100cm DBH 52.8m
 4101-4150cm DBH 53.4m
 4151-4200cm DBH 54.0m
 4201-4250cm DBH 54.6m
 4251-4300cm DBH 55.2m
 4301-4350cm DBH 55.8m
 4351-4400cm DBH 56.4m
 4401-4450cm DBH 57.0m
 4451-4500cm DBH 57.6m
 4501-4550cm DBH 58.2m
 4551-4600cm DBH 58.8m
 4601-4650cm DBH 59.4m
 4651-4700cm DBH 60.0m
 4701-4750cm DBH 60.6m
 4751-4800cm DBH 61.2m
 4801-4850cm DBH 61.8m
 4851-4900cm DBH 62.4m
 4901-4950cm DBH 63.0m
 4951-5000cm DBH 63.6m
 5001-5050cm DBH 64.2m
 5051-5100cm DBH 64.8m
 5101-5150cm DBH 65.4m
 5151-5200cm DBH 66.0m
 5201-5250cm DBH 66.6m
 5251-5300cm DBH 67.2m
 5301-5350cm DBH 67.8m
 5351-5400cm DBH 68.4m
 5401-5450cm DBH 69.0m
 5451-5500cm DBH 69.6m
 5501-5550cm DBH 70.2m
 5551-5600cm DBH 70.8m
 5601-5650cm DBH 71.4m
 5651-5700cm DBH 72.0m
 5701-5750cm DBH 72.6m
 5751-5800cm DBH 73.2m
 5801-5850cm DBH 73.8m
 5851-5900cm DBH 74.4m
 5901-5950cm DBH 75.0m
 5951-6000cm DBH 75.6m
 6001-6050cm DBH 76.2m
 6051-6100cm DBH 76.8m
 6101-6150cm DBH 77.4m
 6151-6200cm DBH 78.0m
 6201-6250cm DBH 78.6m
 6251-6300cm DBH 79.2m
 6301-6350cm DBH 79.8m
 6351-6400cm DBH 80.4m
 6401-6450cm DBH 81.0m
 6451-6500cm DBH 81.6m
 6501-6550cm DBH 82.2m
 6551-6600cm DBH 82.8m
 6601-6650cm DBH 83.4m
 6651-6700cm DBH 84.0m
 6701-6750cm DBH 84.6m
 6751-6800cm DBH 85.2m
 6801-6850cm DBH 85.8m
 6851-6900cm DBH 86.4m
 6901-6950cm DBH 87.0m
 6951-7000cm DBH 87.6m
 7001-7050cm DBH 88.2m
 7051-7100cm DBH 88.8m
 7101-7150cm DBH 89.4m
 7151-7200cm DBH 90.0m
 7201-7250cm DBH 90.6m
 7251-7300cm DBH 91.2m
 7301-7350cm DBH 91.8m
 7351-7400cm DBH 92.4m
 7401-7450cm DBH 93.0m
 7451-7500cm DBH 93.6m
 7501-7550cm DBH 94.2m
 7551-7600cm DBH 94.8m
 7601-7650cm DBH 95.4m
 7651-7700cm DBH 96.0m
 7701-7750cm DBH 96.6m
 7751-7800cm DBH 97.2m
 7801-7850cm DBH 97.8m
 7851-7900cm DBH 98.4m
 7901-7950cm DBH 99.0m
 7951-8000cm DBH 99.6m
 8001-8050cm DBH 100.2m
 8051-8100cm DBH 100.8m
 8101-8150cm DBH 101.4m
 8151-8200cm DBH 102.0m
 8201-8250cm DBH 102.6m
 8251-8300cm DBH 103.2m
 8301-8350cm DBH 103.8m
 8351-8400cm DBH 104.4m
 8401-8450cm DBH 105.0m
 8451-8500cm DBH 105.6m
 8501-8550cm DBH 106.2m
 8551-8600cm DBH 106.8m
 8601-8650cm DBH 107.4m
 8651-8700cm DBH 108.0m
 8701-8750cm DBH 108.6m
 8751-8800cm DBH 109.2m
 8801-8850cm DBH 109.8m
 8851-8900cm DBH 110.4m
 8901-8950cm DBH 111.0m
 8951-9000cm DBH 111.6m
 9001-9050cm DBH 112.2m
 9051-9100cm DBH 112.8m
 9101-9150cm DBH 113.4m
 9151-9200cm DBH 114.0m
 9201-9250cm DBH 114.6m
 9251-9300cm DBH 115.2m
 9301-9350cm DBH 115.8m
 9351-9400cm DBH 116.4m
 9401-9450cm DBH 117.0m
 9451-9500cm DBH 117.6m
 9501-9550cm DBH 118.2m
 9551-9600cm DBH 118.8m
 9601-9650cm DBH 119.4m
 9651-9700cm DBH 120.0m
 9701-9750cm DBH 120.6m
 9751-9800cm DBH 121.2m
 9801-9850cm DBH 121.8m
 9851-9900cm DBH 122.4m
 9901-9950cm DBH 123.0m
 9951-10000cm DBH 123.6m

NO WORK IS PERMITTED WITHIN THE TREE PROTECTION ZONE INCLUDING GRADING, CONSTRUCTION ACCESS AND MATERIAL STORAGE.
BREACH OF TREE PROTECTION ZONE IS SUBJECT TO A FINE OF \$ _____
CONTACT TOWN OF MARKHAM FOR MORE INFORMATION: 905-477-5550

TREE PROTECTION NOTES:
 1. ALL TREE PROTECTION BARRIERS SHALL BE IN PLACE AND APPROVED BY THE TOWN PRIOR TO CONSTRUCTION ACCESS.
 2. ALL SUPPORTS AND STAKES SHALL BE OUTSIDE THE TREE PROTECTION ZONE AND SHALL MINIMIZE ROOT DAMAGE.
 3. TREE PROTECTION BARRIERS SHALL REMAIN IN PLACE AND IN GOOD CONDITION UNTIL ALL CONSTRUCTION IS COMPLETE AND APPROVED BY THE TOWN.
 4. ALL ARBORICULTURE WORK SUCH AS PRUNING OF BRANCHES AND ROOTS, SHALL BE DONE BY A QUALIFIED TREE WORKER CERTIFIED WITH THE INTERNATIONAL SOCIETY OF ARBORICULTURE APPROVED BY THE TOWN.

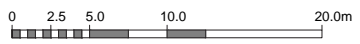
TREE PRESERVATION DETAILS
 MARKHAM THE CORPORATION OF THE TOWN OF MARKHAM
 N.T.S. DATE: JUNE 2020 DRAWING NO.: T-1

Copyright Statement
 ©2022 SCHOLLEN & COMPANY INC. All rights reserved. This document is protected under copyright law and may not be reproduced in any form without the prior written permission of Schollen & Company Inc. Drawings and Specifications are the property of the Landscape Architect.
 This document is submitted by Schollen & Company Inc. to the client in confidence. The document contains confidential and/or technical information, and its unauthorized disclosure could reasonably result in significant professional and financial harm to Schollen & Company Inc. Any damages arising from unauthorized use of this document or the information contained therein shall be borne by the party making such unauthorized use.

No.	Revision	Date	By
0	Issued with Approval Report	2022/01/11	JD
1	Issued for Construction	2022/03/22	JD
2	Revised with Approval Report	2022/10/07	JD
3	Revised with Approval Report	2023/07/14	JD
4	Revised with Approval Report	2023/12/20	AT
5	Revised with Approval Report	2023/01/16	AT

LEGEND
 0000 TREE INVENTORY NUMBER
 + TREE TAG NUMBER
 0000 TREE INVENTORY NUMBER
 + TREE TAG NUMBER
 ○ DEAD TREE
 WOOD PHOTO LOCATION
 ○ EXISTING DECIDUOUS TREE
 ○ EXISTING CONIFEROUS TREE
 ○ TREE PROTECTION ZONE (TPZ) OF TREE TO BE RETAINED
 X TREE TO BE REMOVED DUE TO PROPOSED GRADING & CONSTRUCTION (NATIVE & ORNAMENTAL TREES)
 X INVASIVE SPECIES TO BE REMOVED
 X TREE TO BE REMOVED DUE TO POOR CONDITION / DEAD
 X TREE TO BE RETAINED WITH INJURY DUE TO PROPOSED GRADING & CONSTRUCTION
 ○ INVENTORIED TREE HAS BEEN REMOVED
 --- PROPERTY LINE
 --- TREE INVENTORY & ASSESSMENT BOUNDARY
 --- PROPOSED TREE PROTECTION FENCE - INSTALL PER CITY OF MARKHAM DETAIL

SYMBOL	QTTY THIS SHEET	QTTY TOTAL	DESCRIPTION
X	39	234	TREE TO BE REMOVED DUE TO PROPOSED GRADING & CONSTRUCTION (NATIVE & ORNAMENTAL TREES)
X	10	222	INVASIVE SPECIES TO BE REMOVED
X	16	46	TREE TO BE REMOVED DUE TO POOR CONDITION / DEAD
X	16	56	TREE TO BE RETAINED WITH INJURY DUE TO PROPOSED GRADING & CONSTRUCTION
○	1	42	INVENTORIED TREE HAS BEEN REMOVED



APPENDIX D
 KEYPLAN
 N.T.S.

Drawing Prepared By:
SCHOLLEN & Company Inc.
 30 Wertheim Court, Unit 15
 Richmond Hill, Ontario L4B 1B9
 T: 289-695-0009
 F: 289-695-0010

Client:
 National Spiritual Assembly of the Bahá'í of Canada ("NSA Bahá'í")

Project Name:
Bahá'í NATIONAL CENTRE AND TEMPLE TREE INVENTORY
 MARKHAM, ON

Drawing Title:
BAHA'I NATIONAL CENTRE - TREE PRESERVATION PLAN

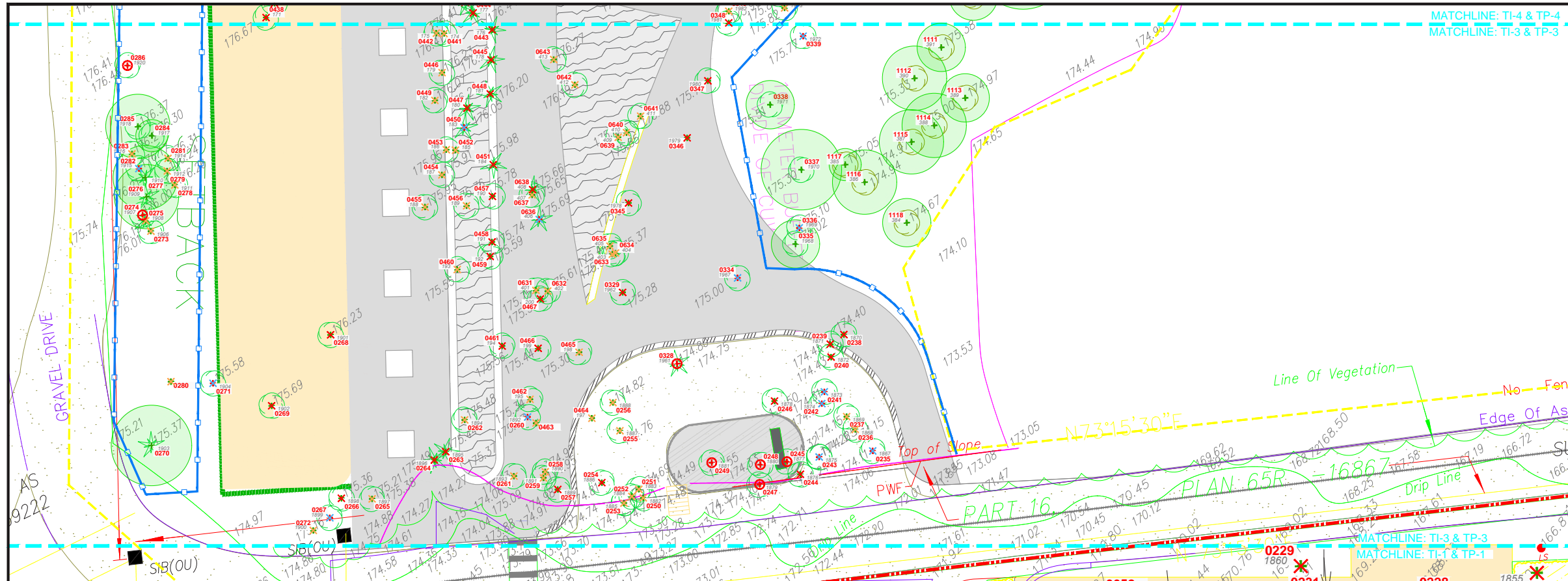
Scale: 1:200
 Drawn: JD
 Date: February 2020

Project No.: 17069
 Checked: RMS
 Plot Date: 16/01/2024

Drawing No.:
TP-2

S:\Projects\Baha'i Temple 17069\Drawings\working drawings\17069-TI.dwg

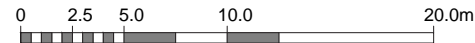
N.T.S. - REPORT ISSUE NOT TO BE USED FOR CONSTRUCTION
APPENDIX D: TREE PRESERVATION PLANS



Copyright Statement
 ©2022 SCHOLLEN & COMPANY INC. All rights reserved. This document is protected under copyright law and may not be reproduced in any form without the prior written permission of Schollen & Company Inc. Drawings and Specifications are the property of the Landscape Architect.
 This document is submitted by Schollen & Company Inc. to the client in confidence. The document contains confidential and/or technical information, and its unauthorized disclosure could reasonably result in significant professional and financial harm to Schollen & Company Inc. Any damages arising from unauthorized use of this document or the information contained therein shall be borne by the party making such unauthorized use.

No.	Revision	Date	By
0	Issued with Advice Report	2022/01/11	JD
1	Issued for Construction	2022/03/22	JD
2	Released with Advice Report	2022/10/07	JD
3	Released with Advice Report	2023/07/14	JD
4	Released with Advice Report	2023/12/20	AT
5	Released with Advice Report	2023/01/16	AT

- LEGEND**
- 0000 TREE INVENTORY NUMBER
 - 000 TREE TAG NUMBER
 - + INVENTORIED TREE
 - 0000 TREE INVENTORY NUMBER
 - + TREE TAG NUMBER
 - DEAD TREE
 - W00 PHOTO LOCATION
 - EXISTING DECIDUOUS TREE
 - EXISTING CONIFEROUS TREE
 - TREE PROTECTION ZONE (TP2) OF TREE TO BE RETAINED
 - TREE TO BE REMOVED DUE TO PROPOSED GRADING & CONSTRUCTION (NATIVE & ORNAMENTAL TREES)
 - INVASIVE SPECIES TO BE REMOVED
 - TREE TO BE REMOVED DUE TO POOR CONDITION / DEAD
 - TREE TO BE RETAINED WITH INJURY DUE TO PROPOSED GRADING & CONSTRUCTION
 - INVENTORIED TREE HAS BEEN REMOVED
 - PROPERTY LINE
 - TREE INVENTORY & ASSESSMENT BOUNDARY
 - PROPOSED TREE PROTECTION FENCE - INSTALL PER CITY OF MARKHAM DETAIL



APPENDIX C
 PRUNE BRANCHES AS REQUIRED TO PREVENT CONSTRUCTION DAMAGE
 SUPPORTS SHALL NOT DISTURB ROOTS
 WOOD FRAME (100x100) TOP BOTTOM AND SUPPORT BRACE
 WOOD POST (100x100x1200)
 HOARDING AS DETERMINED BY TOWN
 PLYWOOD
 GRASS CONSTRUCTION FENCE
 SILTATION FABRIC 600 ABOVE GRADE
 UNDISTURBED ROOT ZONE
 CLEARLY CUT ANY EXPOSED ROOTS AND IMMEDIATELY AND BACKFILL AND MAINTAIN MOISTURE

MINIMUM TREE PROTECTION DISTANCE FROM TRUNKS:

< 15cm DBH	1.2m
16-25cm DBH	1.8m
26-35cm DBH	2.4m
36-45cm DBH	3.0m
46-55cm DBH	3.6m
56-65cm DBH	4.2m
66-75cm DBH	4.8m
76-85cm DBH	5.4m
86-95cm DBH	6.0m
96-105cm DBH	6.6m
> 105cm DBH	6cm/1cm ²

TREE PROTECTION NOTES:

- ALL TREE PROTECTION BARRIERS SHALL BE IN PLACE AND APPROVED BY THE TOWN PRIOR TO CONSTRUCTION ACCESS.
- ALL SUPPORTS AND STAKES SHALL BE OUTSIDE THE TREE PROTECTION ZONE AND SHALL MINIMIZE ROOT DAMAGE.
- TREE PROTECTION BARRIERS SHALL REMAIN IN PLACE AND IN GOOD CONDITION UNTIL ALL CONSTRUCTION IS COMPLETE AND APPROVED BY THE TOWN.
- ALL ARBORICULTURE WORK SUCH AS PRUNING OF BRANCHES AND ROOTS, SHALL BE DONE BY A QUALIFIED TREE WORKER CERTIFIED WITH THE INTERNATIONAL SOCIETY OF ARBORICULTURE APPROVED BY THE TOWN.

TREE PRESERVATION DETAILS

MARKHAM THE CORPORATION OF THE TOWN OF MARKHAM

DATE: JUNE 2020

PROJECT NO: T-1

SYMBOL	QTY THIS SHEET	QTY TOTAL	DESCRIPTION
✗	28	234	TREE TO BE REMOVED DUE TO PROPOSED GRADING & CONSTRUCTION (NATIVE & ORNAMENTAL TREES)
✂	47	222	INVASIVE SPECIES TO BE REMOVED
✗	13	46	TREE TO BE REMOVED DUE TO POOR CONDITION / DEAD
✂	1	56	TREE TO BE RETAINED WITH INJURY DUE TO PROPOSED GRADING & CONSTRUCTION
○	7	42	INVENTORIED TREE HAS BEEN REMOVED

APPENDIX D

KEYPLAN N.T.S.

Drawing Prepared By: **SCHOLLEN & Company Inc.**
 30 Wertheim Court, Unit 15
 Richmond Hill, Ontario L4B 1B9
 T: 289-695-0009
 F: 289-695-0010

Client: **National Spiritual Assembly of the Bahá'í of Canada ("NSA Bahá'í")**

Project Name: **Bahá'í NATIONAL CENTRE AND TEMPLE TREE INVENTORY**
 MARKHAM, ON

Drawing Title: **Bahá'í TEMPLE - TREE PRESERVATION PLAN**

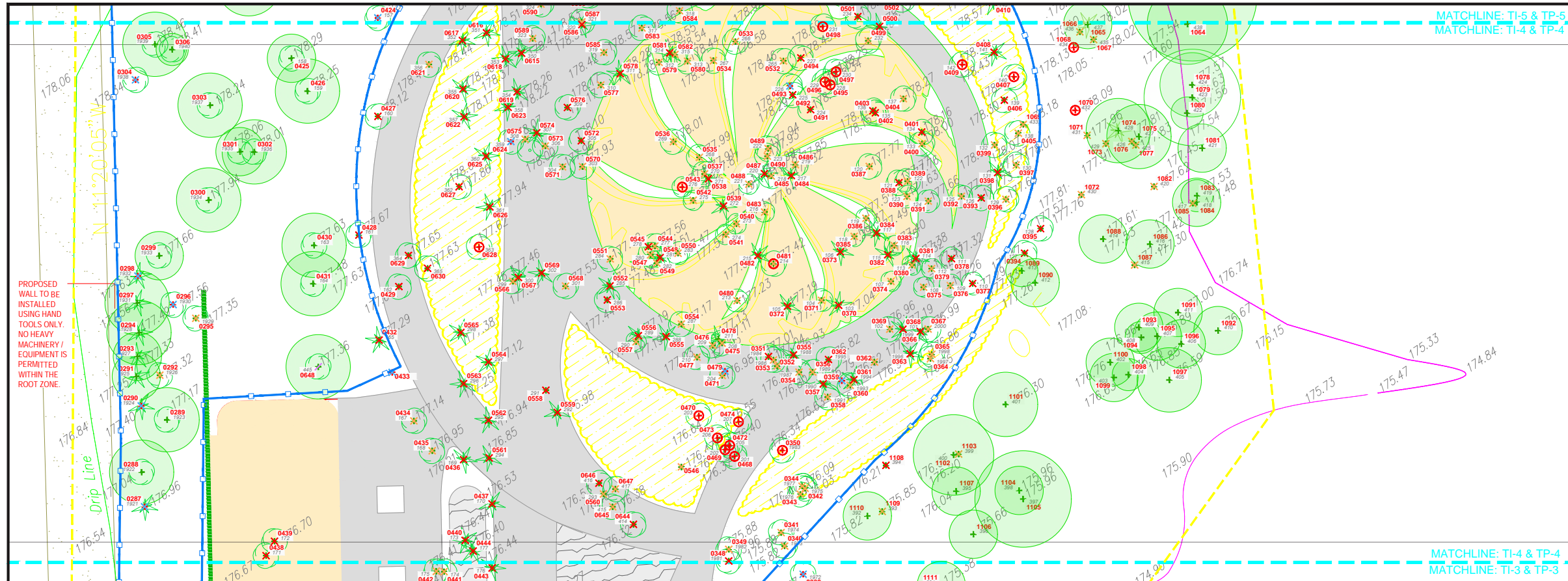
Scale: 1:150
 Project No.: 17069
 Drawing No.: TP-3

Drawn: JD
 Checked: RMS

Date: February 2020
 Plot Date: 16/01/2024

S:\Projects\Bahá'í Temple 17069\Drawings\working drawings\17069-TI.dwg

N.T.S. - REPORT ISSUE NOT TO BE USED FOR CONSTRUCTION
APPENDIX D: TREE PRESERVATION PLANS

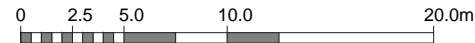


Copyright Statement
 ©2022 SCHOLLEN & COMPANY INC. All rights reserved. This document is protected under copyright law and may not be reproduced in any form without the prior written permission of Schollen & Company Inc. Drawings and Specifications are the property of the Landscape Architect.

This document is submitted by Schollen & Company Inc. to the client in confidence. The document contains confidential and/or technical information, and its unauthorized disclosure could reasonably result in significant professional and financial harm to Schollen & Company Inc. Any damages arising from unauthorized use of this document or the information contained therein shall be borne by the party making such unauthorized use.

No.	Revision	Date	By
0	Issued with Advant/Report	2022/01/11	JD
1	Issued for Coordinator	2022/03/22	JD
2	Released with Advant/Report	2022/10/07	JD
3	Released with Advant/Report	2023/07/14	JD
4	Released with Advant/Report	2023/12/20	AT
5	Released with Advant/Report	2023/01/16	AT

- LEGEND**
- 0000 TREE INVENTORY NUMBER
 - + TREE TAG NUMBER
 - 0000 INVENTORIED TREE
 - + TREE INVENTORY NUMBER
 - 0000 TREE TAG NUMBER
 - + DEAD TREE
 - W00 PHOTO LOCATION
 - EXISTING DECIDUOUS TREE
 - EXISTING CONIFEROUS TREE
 - TREE PROTECTION ZONE (TPZ) OF TREE TO BE RETAINED
 - TREE TO BE REMOVED DUE TO PROPOSED GRADING & CONSTRUCTION (NATIVE & ORNAMENTAL TREES)
 - INVASIVE SPECIES TO BE REMOVED
 - TREE TO BE REMOVED DUE TO POOR CONDITION / DEAD
 - TREE TO BE RETAINED WITH INJURY DUE TO PROPOSED GRADING & CONSTRUCTION
 - INVENTORIED TREE HAS BEEN REMOVED
 - PROPERTY LINE
 - TREE INVENTORY & ASSESSMENT BOUNDARY
 - PROPOSED TREE PROTECTION FENCE - INSTALL PER CITY OF MARKHAM DETAIL



APPENDIX C

PRUNE BRANCHES AS REQUIRED TO PREVENT CONSTRUCTION DAMAGE

SUPPORTS SHALL NOT DISTURB ROOTS

WOOD FRAME (100x100) TOP BOTTOM AND SUPPORT BRACE

WOOD POST (100x100x1200)

HOARDING AS DETERMINED BY TOWN

PLYWOOD

GRADE CONSTRUCTION FENCE

SILTATION FABRIC 600 ABOVE GRADE

UNDISTURBED ROOT ZONE: CLEARLY CUT ANY EXPOSED ROOTS AND IMMEDIATELY AND BACKFILL AND MAINTAIN MOISTURE

MINIMUM TREE PROTECTION DISTANCE FROM TRUNKS:

< 15cm DBH	1.2m
16-25cm DBH	1.8m
26-35cm DBH	2.4m
36-45cm DBH	3.0m
46-55cm DBH	3.6m
56-65cm DBH	4.2m
66-75cm DBH	4.8m
76-85cm DBH	5.4m
86-95cm DBH	6.0m
96-105cm DBH	6.6m
> 105cm DBH	6cm/1cm ²

(MEASURED AT 90° TO TRUNK; MEASURED AT 1.4m HEIGHT)

40cmx60cm SIGN MOUNTED ON ALL SIDES OF BARRIER

TREE PROTECTION NOTES:

1. ALL TREE PROTECTION BARRIERS SHALL BE IN PLACE AND APPROVED BY THE TOWN PRIOR TO CONSTRUCTION ACCESS.
2. ALL SUPPORTS AND STAKES SHALL BE OUTSIDE THE TREE PROTECTION ZONE AND SHALL MINIMIZE ROOT DAMAGE.
3. TREE PROTECTION BARRIERS SHALL REMAIN IN PLACE AND IN GOOD CONDITION UNTIL ALL CONSTRUCTION IS COMPLETE AND APPROVED BY THE TOWN.
4. ALL ARBORICULTURE WORK SUCH AS PRUNING OF BRANCHES AND ROOTS, SHALL BE DONE BY A QUALIFIED TREE WORKER CERTIFIED WITH THE INTERNATIONAL SOCIETY OF ARBORICULTURE APPROVED BY THE TOWN.

TREE PRESERVATION DETAILS

MARKHAM
THE CORPORATION OF THE TOWN OF MARKHAM

NO. _____ DATE: JUNE 2020 DRAWING NO. **T-1**

SYMBOL	QTY THIS SHEET	QTY TOTAL	DESCRIPTION
✗	83	234	TREE TO BE REMOVED DUE TO PROPOSED GRADING & CONSTRUCTION (NATIVE & ORNAMENTAL TREES)
✂	102	222	INVASIVE SPECIES TO BE REMOVED
✗	10	46	TREE TO BE REMOVED DUE TO POOR CONDITION / DEAD
✂	1	56	TREE TO BE RETAINED WITH INJURY DUE TO PROPOSED GRADING & CONSTRUCTION
○	18	42	INVENTORIED TREE HAS BEEN REMOVED

APPENDIX D

KEYPLAN
N.T.S.

Drawing Prepared By:
SCHOLLEN & Company Inc.
 30 Wertheim Court, Unit 15
 Richmond Hill, Ontario L4B 1B9
 T: 289-695-0009
 F: 289-695-0010

Client:
National Spiritual Assembly of the Bahá'í of Canada ("NSA Bahá'í")

Project Name:
Bahá'í NATIONAL CENTRE AND TEMPLE TREE INVENTORY
 MARKHAM, ON

Drawing Title:
Bahá'í TEMPLE - TREE PRESERVATION PLAN

Scale: 1:150	Project No.: 17069	Drawing No.:
Drawn: JD	Checked: RMS	TP-4
Date: February 2020	Plot Date: 16/01/2024	

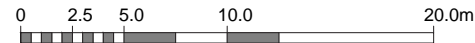
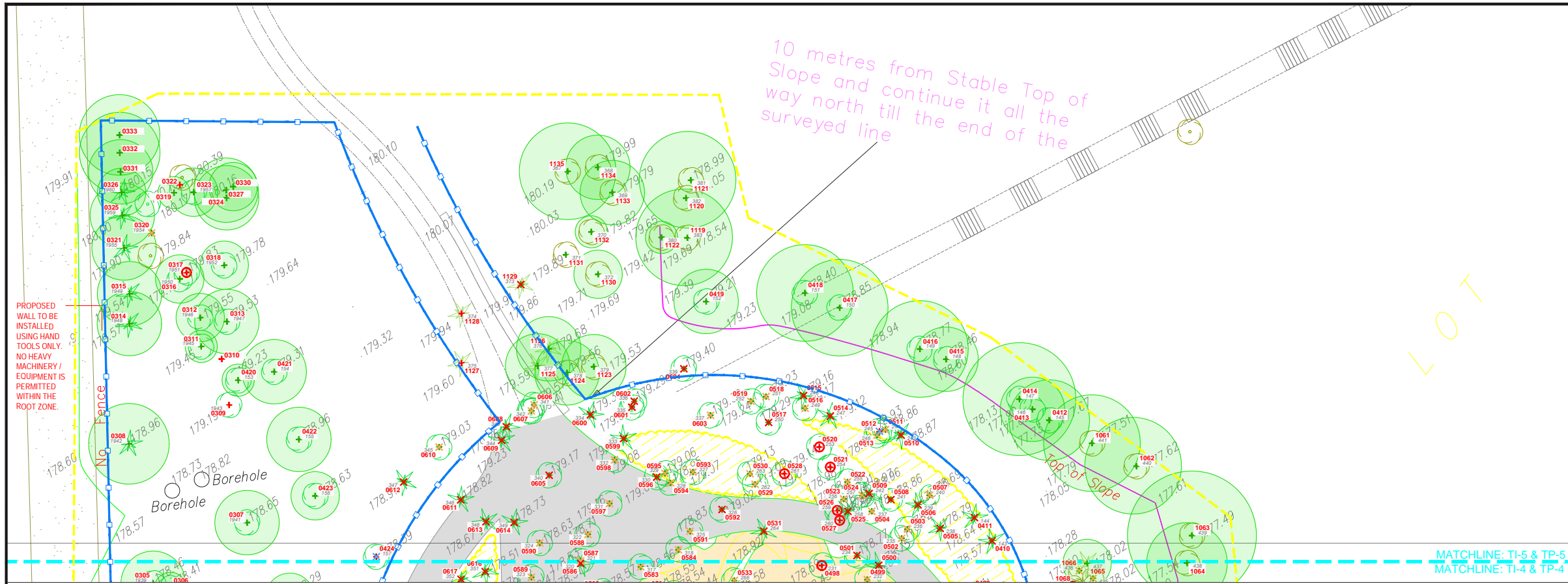
S:\Projects\Bahá'í Temple 17069\Drawings\working drawings\17069-TI.dwg

N.T.S. - REPORT ISSUE NOT TO BE USED FOR CONSTRUCTION
APPENDIX D: TREE PRESERVATION PLANS

Copyright Statement
©2022 SCHOLLEN & COMPANY INC. All rights reserved. This document is protected under copyright law and may not be reproduced in any form without the prior written permission of Schollen & Company Inc. Drawings and Specifications are the property of the Landscape Architect.
This document is submitted by Schollen & Company Inc. to the client in confidence. The document contains confidential and/or technical information, and its unauthorized disclosure could reasonably result in significant professional and financial harm to Schollen & Company Inc. Any damages arising from unauthorized use of this document or the information contained therein shall be borne by the party making such unauthorized use.

LEGEND

- 0000 TREE INVENTORY NUMBER
- 000 TREE TAG NUMBER
- 0000 INVENTORIED TREE
- 0000 TREE TAG NUMBER
- + DEAD TREE
- W00 PHOTO LOCATION
- EXISTING DECIDUOUS TREE
- EXISTING CONIFEROUS TREE
- TREE PROTECTION ZONE (TPZ) OF TREE TO BE RETAINED
- TREE TO BE REMOVED DUE TO PROPOSED GRADING & CONSTRUCTION (NATIVE & ORNAMENTAL TREES)
- INVASIVE SPECIES TO BE REMOVED
- TREE TO BE REMOVED DUE TO POOR CONDITION / DEAD
- TREE TO BE RETAINED WITH INJURY DUE TO PROPOSED GRADING & CONSTRUCTION
- INVENTORIED TREE HAS BEEN REMOVED
- PROPERTY LINE
- TREE INVENTORY & ASSESSMENT BOUNDARY
- PROPOSED TREE PROTECTION FENCE - INSTALL PER CITY OF MARKHAM DETAIL



APPENDIX C
PRUNE BRANCHES AS REQUIRED TO PREVENT CONSTRUCTION DAMAGE
SUPPORTS SHALL NOT DISTURB ROOTS
WOOD FRAME (100x100) TOP BOTTOM AND SUPPORT BRACE
WOOD POST (100x100x1200)
HOARDING AS DETERMINED BY TOWN
PLYWOOD
GRADE CONSTRUCTION FENCE
SILTATION FABRIC 600 ABOVE GRADE
UNDISTURBED ROOT ZONE
CLEANLY CUT ANY EXPOSED ROOTS AND IMMEDIATELY BACKFILL AND MAINTAIN MOISTURE

MINIMUM TREE PROTECTION DISTANCE FROM TRUNKS:

< 15cm DBH	1.2m
16-25cm DBH	1.8m
26-35cm DBH	2.4m
36-45cm DBH	3.0m
46-55cm DBH	3.6m
56-65cm DBH	4.2m
66-75cm DBH	4.8m
76-85cm DBH	5.4m
86-95cm DBH	6.0m
96-105cm DBH	6.6m
> 105cm DBH	6cm / 1cm ²

TREE PROTECTION NOTES:

- ALL TREE PROTECTION BARRIERS SHALL BE IN PLACE AND APPROVED BY THE TOWN PRIOR TO CONSTRUCTION ACCESS.
- ALL SUPPORTS AND STAKES SHALL BE OUTSIDE THE TREE PROTECTION ZONE AND SHALL MINIMIZE ROOT DAMAGE.
- TREE PROTECTION BARRIERS SHALL REMAIN IN PLACE AND IN GOOD CONDITION UNTIL ALL CONSTRUCTION IS COMPLETE AND APPROVED BY THE TOWN.
- ALL ARBORICULTURE WORK SUCH AS PRUNING OF BRANCHES AND ROOTS, SHALL BE DONE BY A QUALIFIED TREE WORKER CERTIFIED WITH THE INTERNATIONAL SOCIETY OF ARBORICULTURE APPROVED BY THE TOWN.

TREE PRESERVATION DETAILS

MARKHAM THE CORPORATION OF THE TOWN OF MARKHAM

DATE: JUNE 2020

PROJECT NO: T-1

SYMBOL	QTY THIS SHEET	QTY TOTAL	DESCRIPTION
✗	28	234	TREE TO BE REMOVED DUE TO PROPOSED GRADING & CONSTRUCTION (NATIVE & ORNAMENTAL TREES)
✂	28	222	INVASIVE SPECIES TO BE REMOVED
✖	2	46	TREE TO BE REMOVED DUE TO POOR CONDITION / DEAD
⚡	0	56	TREE TO BE RETAINED WITH INJURY DUE TO PROPOSED GRADING & CONSTRUCTION
○	6	42	INVENTORIED TREE HAS BEEN REMOVED

APPENDIX D

KEYPLAN
N.T.S.



Drawing Prepared By:
SCHOLLEN & Company Inc.
30 Wertheim Court, Unit 15
Richmond Hill, Ontario L4B 1B9
T: 289-695-0009
F: 289-695-0010

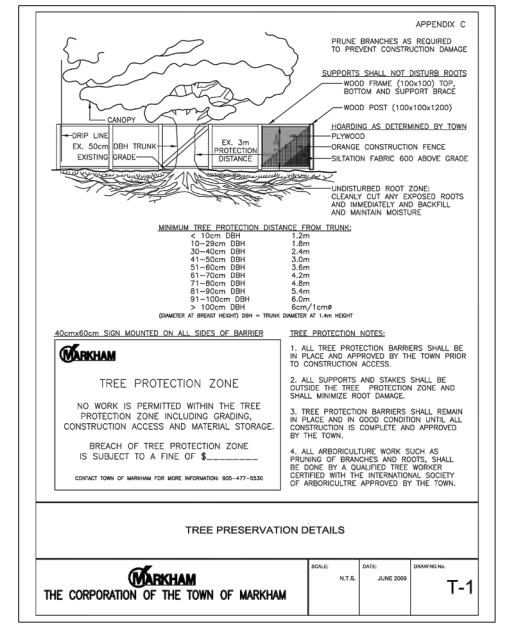
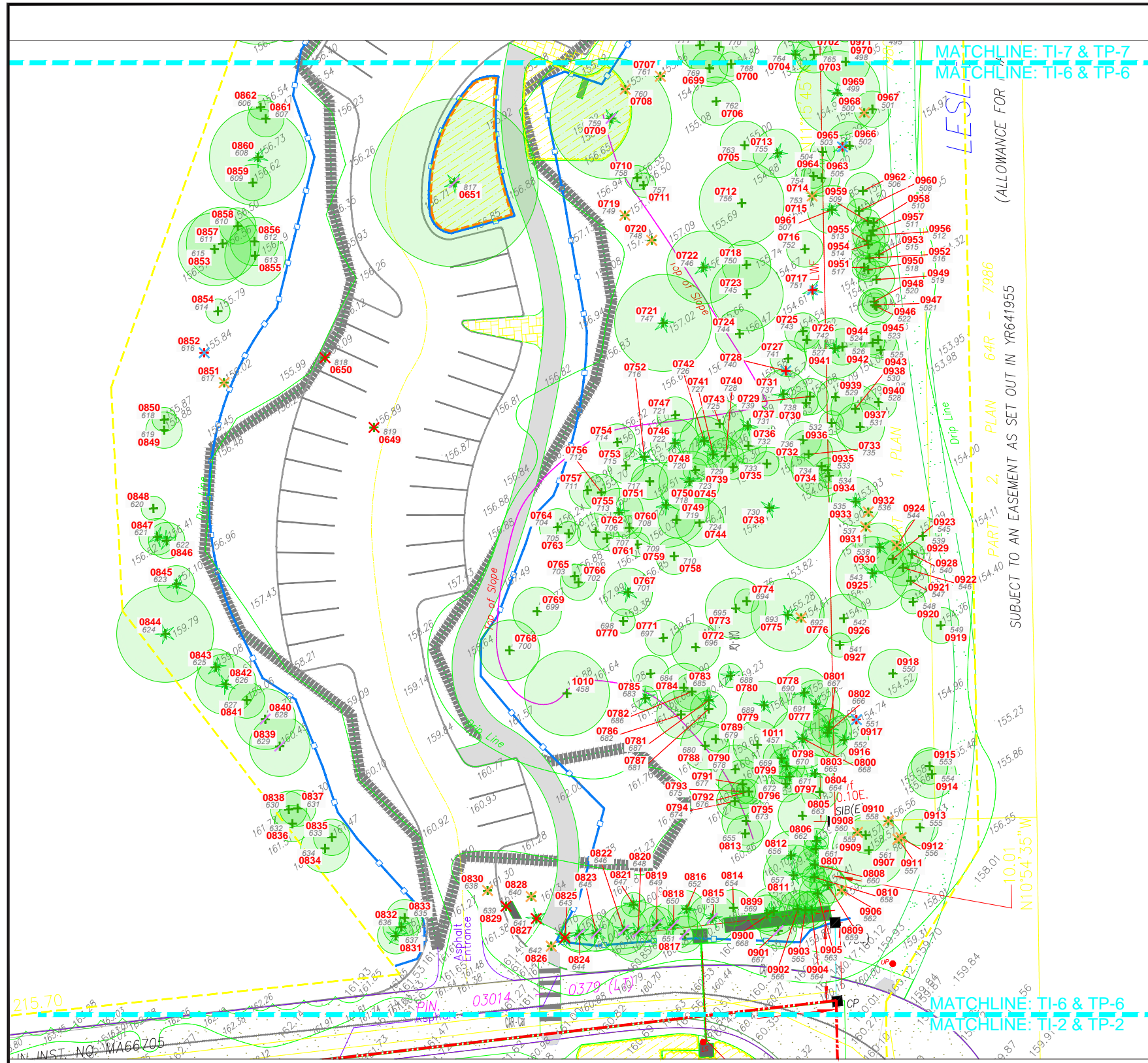
Client:
National Spiritual Assembly of the Bahá'í of Canada ("NSA Bahá'í")

Project Name:
Bahá'í NATIONAL CENTRE AND TEMPLE TREE INVENTORY
MARKHAM, ON

Drawing Title:
Bahá'í TEMPLE - TREE PRESERVATION PLAN

Scale: 1:150	Project No.: 17069	Drawing No.: TP-5
Drawn: JD	Checked: RMS	
Date: February 2020	Plot Date: 16/01/2024	

S:\Projects\Bahá'í Temple 17069\drawings\working drawings\17069-TI.dwg



SYMBOL	QTTY THIS SHEET	QTTY TOTAL	DESCRIPTION
✗	5	234	TREE TO BE REMOVED DUE TO PROPOSED GRADING & CONSTRUCTION (NATIVE & ORNAMENTAL TREES)
✂	19	222	INVASIVE SPECIES TO BE REMOVED
✕	3	46	TREE TO BE REMOVED DUE TO POOR CONDITION / DEAD
✎	13	56	TREE TO BE RETAINED WITH INJURY DUE TO PROPOSED GRADING & CONSTRUCTION
○	0	42	INVENTORIED TREE HAS BEEN REMOVED

Copyright Statement

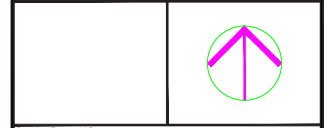
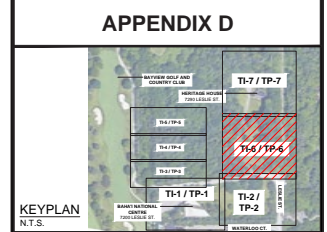
©2022 SCHOLLEN & COMPANY INC. All rights reserved. This document is protected under copyright law and may not be reproduced in any form without the prior written permission of Schollen & Company Inc. Drawings and Specifications are the property of the Landscape Architect.

This document is submitted by Schollen & Company Inc. to the client in confidence. The document contains confidential and/or technical information, and its unauthorized disclosure could reasonably result in significant professional and financial harm to Schollen & Company Inc. Any damages arising from unauthorized use of this document or the information contained therein shall be borne by the party making such unauthorized use.

No.	Revision	Date	By
0	Issued with Advant/Report	2022/01/11	JD
1	Issued for Coordinator	2022/03/22	JD
2	Released with Advant/Report	2022/10/07	JD
3	Released with Advant/Report	2023/07/14	JD
4	Released with Advant/Report	2023/11/20	AT
5	Released with Advant/Report	2023/01/16	AT

LEGEND

- 0000 TREE INVENTORY NUMBER
- 000 TREE TAG NUMBER
- 0000 INVENTORIED TREE
- 0000 TREE INVENTORY NUMBER
- 0000 TREE TAG NUMBER
- 0000 DEAD TREE
- WOOD PHOTO LOCATION
- EXISTING DECIDUOUS TREE
- EXISTING CONIFEROUS TREE
- TREE PROTECTION ZONE (TPZ) OF TREE TO BE RETAINED
- TREE TO BE REMOVED DUE TO PROPOSED GRADING & CONSTRUCTION (NATIVE & ORNAMENTAL TREES)
- INVASIVE SPECIES TO BE REMOVED
- TREE TO BE REMOVED DUE TO POOR CONDITION / DEAD
- TREE TO BE RETAINED WITH INJURY DUE TO PROPOSED GRADING & CONSTRUCTION
- INVENTORIED TREE HAS BEEN REMOVED
- PROPERTY LINE
- TREE INVENTORY & ASSESSMENT BOUNDARY
- PROPOSED TREE PROTECTION FENCE - INSTALL PER CITY OF MARKHAM DETAIL
- PROPOSED ROOT PRUNING LINE - PERFORM PER RECOMMENDATIONS OF ARBORIST REPORT - SECTION 3.4



Drawing Prepared By:
SCHOLLEN & Company Inc.
30 Wertheim Court, Unit 15
Richmond Hill, Ontario L4B 1B9
T: 289-695-0009
F: 289-695-0010

Client:
Bahá'í National Spiritual Assembly of the Bahá'í of Canada ("NSA Bahá'í")

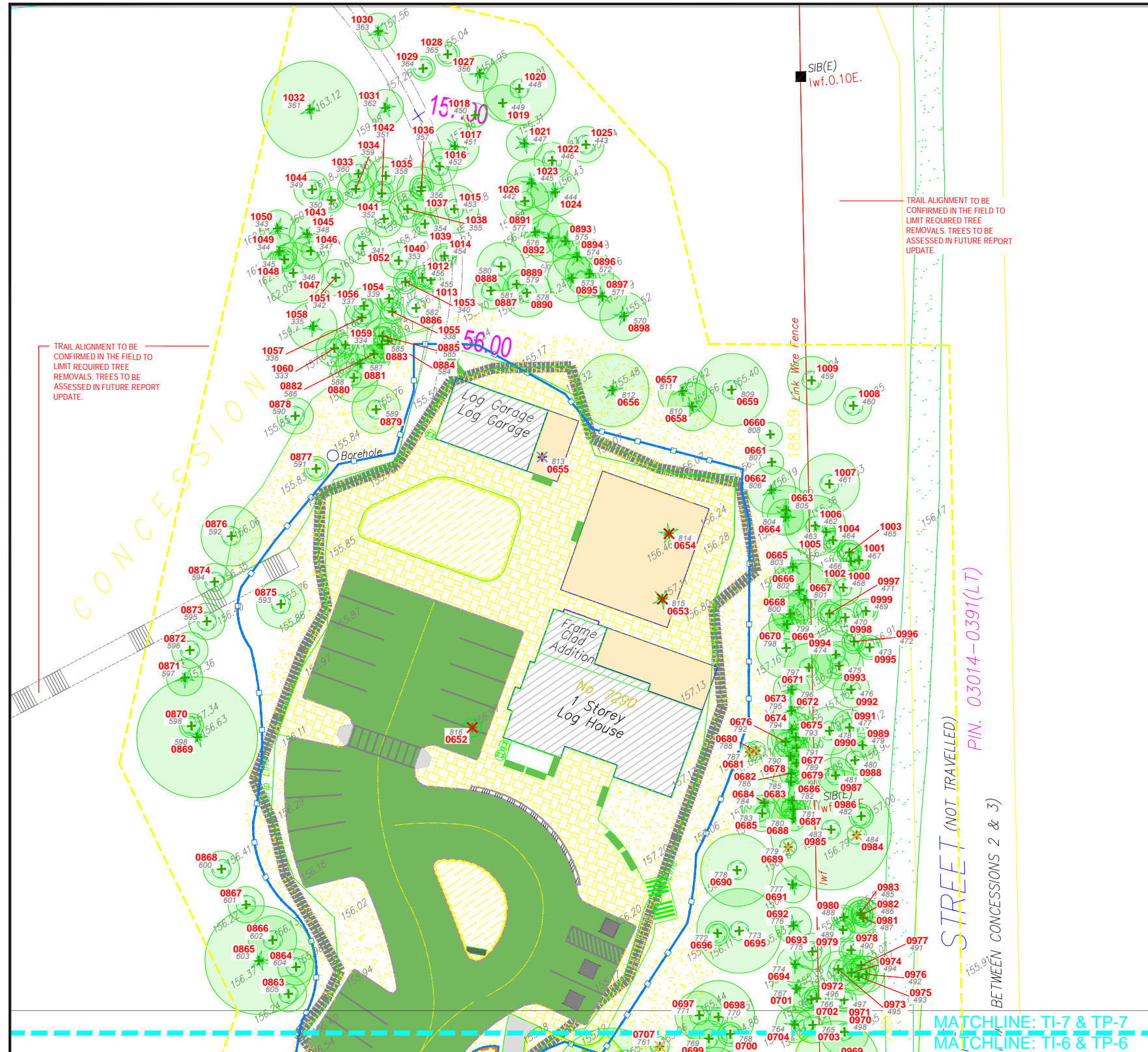
Project Name:
Bahá'í NATIONAL CENTRE AND TEMPLE TREE INVENTORY
MARKHAM, ON

Drawing Title:
Bahá'í WELCOME CENTRE - TREE PRESERVATION PLAN

Scale: 1:200	Project No.: 17069	Drawing No.: TP-6
Drawn: JD	Checked: RMS	
Date: February 2020	Plot Date: 16/01/2024	

S:\Projects\Bahá'í Temple 17069\Drawings\working drawings\17069-TI.dwg

N.T.S. - REPORT ISSUE NOT TO BE USED FOR CONSTRUCTION
APPENDIX D: TREE PRESERVATION PLANS



APPENDIX C
PRUNE BRANCHES AS REQUIRED TO PREVENT CONSTRUCTION DAMAGE
SUPPORTS SHALL NOT DISTURB ROOTS
WOOD POST (100x100x1200)
HOARDING AS DETERMINED BY TOWN
WOOD FRAME (100x100) TOP
BOTTOM AND SUPPORT BRACE
SALICATED FABRIC 600 ABOVE GRADE

MINIMUM TREE PROTECTION DISTANCE FROM TRUNK:
 < 10cm DBH 1.2m
 10-25cm DBH 1.8m
 25-40cm DBH 2.4m
 41-60cm DBH 3.0m
 61-70cm DBH 3.6m
 71-80cm DBH 4.2m
 81-90cm DBH 4.8m
 91-100cm DBH 5.4m
 > 100cm DBH 6.0m/10m

TREE PROTECTION NOTES:
 1. ALL TREE PROTECTION BARRIERS SHALL BE IN PLACE AND APPROVED BY THE TOWN PRIOR TO CONSTRUCTION ACCESS.
 2. ALL SUPPORTS AND STAKES SHALL BE OUTSIDE THE TREE PROTECTION ZONE AND SHALL MINIMIZE ROOT DAMAGE.
 3. TREE PROTECTION BARRIERS SHALL REMAIN IN PLACE AND IN GOOD CONDITION UNTIL ALL CONSTRUCTION IS COMPLETE AND APPROVED BY THE TOWN.
 4. ALL ARBORICULTURE WORK SUCH AS PRUNING OF BRANCHES AND ROOTS, SHALL BE DONE BY A QUALIFIED TREE WORKER CERTIFIED WITH THE INTERNATIONAL SOCIETY OF ARBORICULTURE APPROVED BY THE TOWN.

TREE PRESERVATION DETAILS

THE CORPORATION OF THE TOWN OF MARKHAM
 DATE: N.T.S. DATE: JUNE 2020 DRAWN BY: T-1

SYMBOL	QTY THIS SHEET	QTY TOTAL	DESCRIPTION
✗	3	234	TREE TO BE REMOVED DUE TO PROPOSED GRADING & CONSTRUCTION (NATIVE & ORNAMENTAL TREES)
✗	4	222	INVASIVE SPECIES TO BE REMOVED
✗	1	46	TREE TO BE REMOVED DUE TO POOR CONDITION / DEAD
✗	0	56	TREE TO BE RETAINED WITH INJURY DUE TO PROPOSED GRADING & CONSTRUCTION
○	0	42	INVENTORIED TREE HAS BEEN REMOVED

Copyright Statement
 ©2022 SCHOLLEN & COMPANY INC. All rights reserved. This document is protected under copyright law and may not be reproduced in any form without the prior written permission of Schollen & Company Inc. Drawings and Specifications are the property of the Landscape Architect.
 This document is submitted by Schollen & Company Inc. to the client in confidence. The document contains confidential and/or technical information, and its unauthorized disclosure could reasonably result in significant professional and financial harm to Schollen & Company Inc. Any damages arising from unauthorized use of this document or the information contained therein shall be borne by the party making such unauthorized use.

No.	Revision	Date	By
0	Issue for Approval/Report	2022/01/11	JD
1	Issue for Coordination	2022/02/22	JD
2	Revised with Approval/Report	2022/10/07	JD
3	Revised with Approval/Report	2023/07/14	JD
4	Revised with Approval/Report	2023/12/20	AT
5	Revised with Approval/Report	2023/01/16	AT

LEGEND

- 0000 TREE INVENTORY NUMBER
- +000 TREE TAG NUMBER
- 0000 TREE INVENTORY NUMBER
- +000 TREE TAG NUMBER
- ⊕ DEAD TREE
- ⊕ PHOTO LOCATION
- ⊕ EXISTING DECIDUOUS TREE
- ⊕ EXISTING CONIFEROUS TREE
- ⊕ TREE PROTECTION ZONE (TPZ) OF TREE TO BE RETAINED
- ✗ TREE TO BE REMOVED DUE TO PROPOSED GRADING & CONSTRUCTION (NATIVE & ORNAMENTAL TREES)
- ✗ INVASIVE SPECIES TO BE REMOVED
- ✗ TREE TO BE REMOVED DUE TO POOR CONDITION / DEAD
- ✗ TREE TO BE RETAINED WITH INJURY DUE TO PROPOSED GRADING & CONSTRUCTION
- INVENTORIED TREE HAS BEEN REMOVED
- PROPERTY LINE
- TREE INVENTORY & ASSESSMENT BOUNDARY
- PROPOSED TREE PROTECTION FENCE - INSTALL PER CITY OF MARKHAM DETAIL
- PROPOSED ROOT PRUNING LINE - PERFORM PER RECOMMENDATIONS OF ARBORIST REPORT - SECTION 3.4

APPENDIX D

KEYPLAN
 N.T.S.

Drawing Prepared By:
SCHOLLEN & Company Inc.
 30 Wertheim Court, Unit 15
 Richmond Hill, Ontario L4B 1B9
 T: 289-695-0009
 F: 289-695-0010

Client:
National Spiritual Assembly of the Bahá'í of Canada ("NSA Bahá'í")

Project Name:
Bahá'í NATIONAL CENTRE AND TEMPLE TREE INVENTORY
 MARKHAM, ON

Drawing Title:
Bahá'í WELCOME CENTRE - TREE PRESERVATION PLAN

Scale: 1:200
 Project No.: 17069
 Drawing No.: TP-7

Drawn: JD
 Checked: RMS
 Date: February 2020
 Plot Date: 16/01/2024

APPENDIX E: TREE INVENTORY PHOTO SHEETS



Trees 1-3



Trees 4-5



Tree 6



Tree 7G



Tree 8



Trees 9-10



Trees 11-18



Trees 19-25



Trees 27-49



Trees 27-49



Trees 27-49



Tree 50

APPENDIX E: TREE INVENTORY PHOTO SHEET



Trees 51-54



Tree 55



Trees 56-57



Tree 58



Tree 59G



Tree 60



Trees 61-62



Tree 63



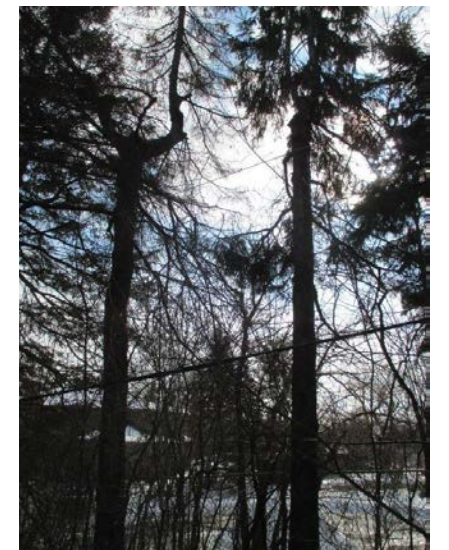
Trees 64-71



Tree 64



Tree 68



Trees 72-73

APPENDIX E: TREE INVENTORY PHOTO SHEETS



Trees 74-76



Trees 77-78



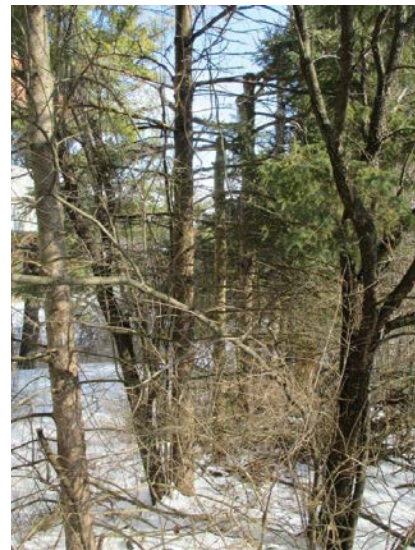
Trees 79-81



Trees 82-83



Tree 84



Trees 85-90



Trees 91-92



Trees 93-95



Trees 96-102



Tree 103



Tree 104



Tree 105

APPENDIX E: TREE INVENTORY PHOTO SHEET



Tree 106



Tree 107



Trees 108-109



Trees 110-111



Tree 112



Tree 113



Trees 114-119



Tree 120



Trees 121-122



Trees 123-125



Trees 126-130



Trees 131-132

APPENDIX E: TREE INVENTORY PHOTO SHEETS



Trees 133-136



Trees 137-139



Trees 140-142



Trees 143-144



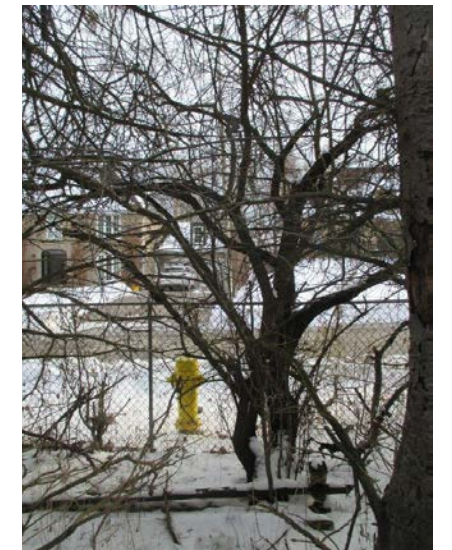
Trees 145-147



Trees 148-149



Trees 150-152



Tree 154



Tree 153, 155-156



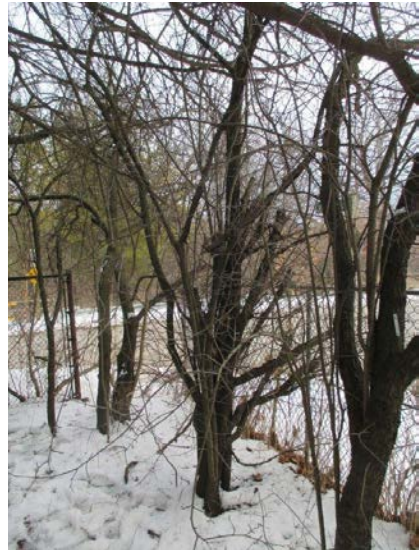
Trees 157-159



Tree 160



Tree 161-163



Trees 164-168



Tree 169



Trees 170-171



Trees 172-176



Trees 177-178



Tree 179



Trees 180-181



Trees 182-183



Trees 184-185



Trees 186-188



Tree 189



Tree 190

APPENDIX E: TREE INVENTORY PHOTO SHEETS



Tree 191



Trees 192-193



Tree 194



Tree 195



Tree 196



Tree 197



Tree 198



Tree 199



Tree 200



Tree 201



Tree 202



Tree 203

APPENDIX E: TREE INVENTORY PHOTO SHEET



Tree 204



Trees 205-207



Trees 208-210



Tree 211



Tree 212



Trees 213-215



Tree 216



Tree 217



Trees 218-225



Tree 226



Trees 227-228



Trees 229-232



Tree 233



Tree 234 & 58



Photo W1



Photo W2



Photo W3



Photo W4



Photo W5



Photo W6



Photo W7



Photo W8

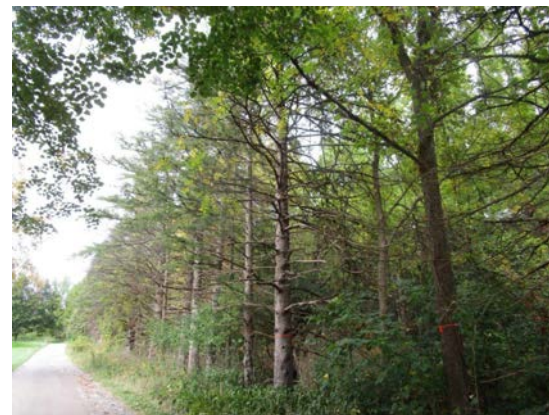


Photo W9



Photo W10



Photo W11



Photo W12



Photo W13



Photo W14



Photo W15



Photo W16



Tree W17



Photo W18



Photo W19



Photo W20



Photo W21



Photo W22

APPENDIX E: TREE INVENTORY PHOTO SHEETS



Photo W23



Photo W24



Photo W25



Photo W26



Photo W27



Photo W28



Tree W29



Photo W30



Photo W31



Photo W32



Photo W33



Photo W34



Photo W35



Photo W36



Photo W37



Photo W38



Photo W39



Photo W40



Photo W41



Photo W42



Photo W43



Photo W44



Photo W45



Photo W46



Photo W47



Photo W48



Photo W49



Photo W50



Photo W51



Photo W52



Photo W53



Photo W54



Photo W55



Photo W56



Photo W57



Photo W58



Photo W59



Photo W60



Photo W61



Photo W62



Photo W63



Photo W64



Photo W65



Photo W66



Photo W67



Photo W68



Photo W69



Photo W70



Photo W71



Photo W72



Photo W73



Photo W74



Photo W75



Photo W76



Photo W77



Photo W78



Photo W79



Photo W80



Photo W81



Photo W82



Photo W83



Photo W84



Photo W85



Photo W86



Photo W87



Photo W88



Photo W89



Photo W90



Photo W91



Photo W92



Photo W93



Photo W94



Photo W95