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### **ARBORIST REPORT**

### PROPOSED MIXED-USE HIGH-RISE DEVELOPMENT 2555 ERIN CENTRE BOULEVARD, MISSISSAUGA

PREPARED FOR:
STARMONT ESTATES 2555 ERIN CENTRE INC.
C/O TRINITY POINT DEVELOPMENTS
1681 LANGSTAGG ROAD
VAUGHAN, ONTARIO
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PREPARED BY:
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ISA CERTIFIED ARBORIST MATTHEW GEHRES ON-1114A OUR PROJECT NO: 24-6000

**November 18, 2024** 

Revised December 17, 2024

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**Enclosed: Full Size Tree Inventory & Preservation Plan** 

### Introduction

Strybos Barron King Ltd. was retained by Starmont Estates Inc., c/o Trinity Point Developments, to prepare an Arborist Report for the subject property in accordance with City of Mississauga, Private Tree Bylaw requirements.

#### **Site Context**

The subject site is located at 2555 Erin Centre Boulevard, on the northeast corner of Erin Centre Blvd., and Erin Mills Parkway. Currently the property contains a retail plaza with associated parking lot. The site abuts Erin Mills Pkwy. to the west, Erin Centre Blvd. to the south and City owned woodland park to the north and east. The proposal for this property will see the construction of a new, mixed-use, high-rise development with underground parking facilities.

### **Plans Utilized**

A topographic survey prepared by RP-E Surveying Ltd., along with a Site Plan provided by Arcadis and Grading and Servicing Plans provided by SCS Consulting Group Ltd. were used to locate any existing trees and provide recommendations based on the proposed construction constraints.

### <u>Tree Inventory</u> (refer to tables below)

Trees were tagged and identified both within and immediately adjacent to the subject property. The dripline associated with the woodlands to the north and east of the site was reviewed and staked by SCS Consulting Group Ltd. and SBK with City approval on September 26, 2024. The trees within the woodlot that compose that dripline were also tagged and inventoried. The trees are described in terms of species and diameter at breast height (DBH – measured at 1.4m from grade). They have been assessed in terms of their general health from poor to good; **GOOD** – trees in good overall health and condition with desirable structure, **FAIR** – trees in moderate health and condition with less desirable structure, and **POOR** – trees displaying prominent health issues such as decay and disease and/or poor form and structure. (Refer to V100 –  $Tree\ Inventory\ and\ Preservation\ Plan\ for\ locations\ of\ and\ information\ pertaining\ to\ specific\ trees)$ 

| Tree Inventory Table Descriptions (See Existing Tree Inventory on Page 2 | Tree | Inventory | Table Do | escriptions | (See Exi | sting Tree | Inventory | on Page 2 | 2) |
|--|------|-----------|----------|-------------|----------|------------|-----------|-----------|----|
|--|------|-----------|----------|-------------|----------|------------|-----------|-----------|----|

| 17 !!     | This was been not and to income   | atama manahan anahan adita tha tanahan tha alam                          |  |  |  |  |  |  |
|-----------|---|--|--|--|--|--|--|--|
| Key#      | This number refers to inve  | This number refers to inventory number assigned to the tree on the plan. |  |  |  |  |  |  |
| Species   | The common names are p  | The common names are provided for each tree.                             |  |  |  |  |  |  |
| Caliper   | This refers to diameter (in centimetres) at breast height and is measured at 1.4m above the ground for each tree. |  |  |  |  |  |  |  |
| Crown     | Canopy Width  An estimation of the average diameter of the tree canopy, in metres.                                |  |  |  |  |  |  |  |
| Health    | The general assessed hea  | Ith of the tree.   |  |  |  |  |  |  |
| Structure | This is an assessment of the  | ne trees overall form.   |  |  |  |  |  |  |
| Comments  | A general description of each tree's condition and/or pertinent characteristics is provided.                      |  |  |  |  |  |  |  |
| Direction | This indicates either preservation or removal of the tree (as noted on the plan)                                  |  |  |  |  |  |  |  |
| Min. TPZ  | Recommended Tree Prese  | ervation Zone (in metres).   |  |  |  |  |  |  |

### STRYBOS BARRON KING LTD.

# ARBORIST REPORT Proposed Mixed-use High-Rise Development 2555 Erin Centre Blvd., Mississauga

| EXI               | STING TREE                   | INVE                 | NIORT             |                      |                               |  |                  | T                             | ļ                 | _          |
|-------------------|------------------------------|----------------------|-------------------|----------------------|-------------------------------|--|------------------|-------------------------------|-------------------|------------|
| KEV               | SPECIES                      | DBH                  | CROWN             | HEALTH               | STRUCTURE                     | COMMENTS   | PRESERVATION     | TREE<br>CATEGORY              | MIN. TPZ          | KEY        |
| KEI               | SPECIES                      | (cm)                 | (m)               | G/F/P                | STRUCTURE                     | COMMENTS   | DIRECTION        | CATEGORT                      | WIIN. IFZ         | KEI        |
| 1                 | Norway Maple                 | 20.0                 | 5.0               | Poor                 | Narrow form                   | Significant crown dieback throughout   | Remove           | Municipal                     | 1.8               | 1          |
| 2                 | Norway Maple                 | 18.0                 | 5.0               | Poor                 | Narrow form                   | Significant crown dieback throughout   | Remove           | Municipal                     | 1.8               | 2          |
| 3                 | Norway Maple                 | 19.0                 | 4.0               | Poor                 | Narrow form                   | Declining  | Remove           | Municipal                     | 1.8               | 3          |
| 4                 | Norway Maple                 | 20.0                 | 4.0               | Poor                 | Narrow form                   |  | Remove           |                               | 1.8               | 4          |
|                   | , ,                          |                      |                   |                      |                               | Declining  |                  | Municipal                     |                   |            |
| 5                 | Norway Maple                 | 19.0                 | 4.0               | Poor                 | Narrow form                   | Declining  | Remove           | Municipal                     | 1.8               | 5          |
| 6                 | Norway Maple                 | 19.0                 | 4.0               | Dead                 |                               |  | Remove           | Municipal                     | 1.8               | 6          |
| 301               | Colorado Blue<br>Spruce      | 22.0                 | 4.0               | Fair                 | Irregular form                | Crowded by adjacent tree   | Remove           | Private                       | 1.8               | 301        |
| 302               | Colorado Blue<br>Spruce      | 20.0                 | 4.0               | Fair                 | Narrow form                   | Crowded by adjacent tree, dieback throughout   | Remove           | Private                       | 1.8               | 302        |
| 303               | Hawthorn                     | 20-22                | 7.0               | Poor                 | Double stem                   | One sided form, crowded by adjacent tree, significant decay and dieback throughout             | Remove           | Private                       | 1.8               | 303        |
| 304               | Ironwood                     | 11.0                 | 5.0               | Good                 | One sided form                | Crowded by adjacent tree   | Preserve         | Boundary                      | 1.8               | 304        |
| 305               | Hawthorn                     | 18.0                 | 5.0               | Poor                 | One sided form                | Cavities in stem, deadwood in crown  | Remove           | Private                       | 1.8               | 305        |
|                   |                              |                      |                   |                      |                               |  |                  | _                             |                   |            |
| 306               | Sugar Maple                  | 28.0                 | 12.0              | Good                 | One sided form                | Crowded by adjacent tree   | Preserve         | Boundary                      | 1.8               | 306        |
| 307               | Sugar Maple                  | 31.0                 | 11.0              | Good                 | One sided form                | Crowded by adjacent tree   | Preserve         | Boundary                      | 2.4               | 307        |
| 308               | Sugar Maple                  | 33.0                 | 12.0              | Good                 | One sided form                | Crowded by adjacent tree   | Preserve         | Boundary                      | 2.4               | 308        |
| 309               | Austrian Pine                | 32.0                 | 7.0               | Good                 | Asymmetrical form             | Elevated crown   | Remove           | Private                       | 2.4               | 309        |
| 310               | Manitoba Maple               | 13-18                | 7.0               | Fair                 | Multi-stemmed                 | Asymmetrical form, leaning into subject site   | Preserve         | Parkland                      | 1.8               | 310        |
| 311               | Shagbark Hickory             | 40.0                 | 20.0              | Good                 | Good form                     | High crown   | Preserve         | Parkland                      | 2.4               | 311        |
|                   | Red Oak                      | 26-30                | 15.0              | Good                 | Double stem                   | One stem with decay, asymmetrical form   | Preserve         | Parkland                      | 2.4               | 312        |
|                   | Sugar Maple                  | 20.0                 | 5.0               | Good                 | Asymmetrical form             | Crowded by adjacent tree   | Preserve         | Parkland                      | 1.8               | 313        |
| 214               | Apple                        | 14.0                 | 7.0               | Enir                 |                               | Subordinated crown   | Drocon =         | Dorldond                      | 4.0               | 24.4       |
|                   | Apple                        | 14.0                 | 7.0               | Fair                 | One sided form                | Subordinated crown   | Preserve         | Parkland                      | 1.8               | 314        |
|                   | White Ash                    | 6.0                  | 3.0               | Good                 | One sided form                | Crowded by adjacent tree   | Preserve         | Parkland                      | 1.8               | 315        |
| 316               | Red Oak                      | 59.0                 | 18.0              | Good                 | Good form                     | High crown, leaning south  | Preserve         | Parkland                      | 3.6               | 316        |
| 317               | Shagbark Hickory             | 22.0                 | 10.0              | Good                 | One sided form                | Crown subordinated by adjacent tree  | Preserve         | Parkland                      | 1.8               | 317        |
| 318               | Ironwood                     | 25.0                 | 9.0               | Good                 | One sided form                | Crown subordinated by adjacent tree, most of crown overhangs subject site                      | Preserve         | Parkland                      | 1.8               | 318        |
| 319               | White Oak                    | 84.0                 | 20.0              | Good                 | High crown                    | Mature, some dieback in upper crown  | Preserve         | Parkland                      | 5.4               | 319        |
| 320               | Black Cherry                 | 13.5                 | 6.0               | Fair                 | One sided form                | Subordinated crown   |                  | Parkland                      | 1.8               | 320        |
|                   |                              |                      |                   |                      |                               |  | Preserve         |                               |                   |            |
| 321               | Sugar Maple                  | 30.5                 | 10.0              | Good                 | Good form                     | Crowded by adjacent tree   | Preserve         | Parkland                      | 2.4               | 321        |
| 322               | Sugar Maple                  | 36.0                 | 10.0              | Good                 | One sided form                | Crowded by adjacent tree   | Preserve         | Parkland                      | 2.4               | 322        |
| 323               | Hawthorn                     | 18.0                 | 7.0               | Good                 | Multi-stemmed                 | Leaning south, one sided form  | Preserve         | Parkland                      | 1.8               | 323        |
| 324               | Sugar Maple                  | 68.0                 | 15.0              | Good                 | One sided form                | High crown   | Preserve         | Parkland                      | 4.2               | 324        |
| 325               | Sugar Maple                  | 50.0                 | 12.0              | Good                 | One sided form                | High crown   | Preserve         | Parkland                      | 3.0               | 325        |
| 326               | Sugar Maple                  | 11.0                 | 8.0               | Good                 | One sided form                | Crowded by adjacent tree   | Preserve         | Parkland                      | 1.8               | 326        |
| 327               | Sugar Maple                  | 11.0                 | 6.0               | Good                 | One sided form                | Crowded by adjacent tree   | Preserve         | Parkland                      | 1.8               | 327        |
| 328               | Sugar Maple                  | 17.0                 | 7.0               | Good                 | One sided form                | Crowded by adjacent tree   | Preserve         | Parkland                      | 1.8               | 328        |
|                   |                              |                      | 20.0              |                      |                               |  |                  |                               |                   | 329        |
| 329               | Red Oak                      | 48.0                 |                   | Good                 | High crown                    | Slightly asymmetrical crown  | Preserve         | Parkland                      | 3.0               |            |
| 330               | Sugar Maple                  | 11.0                 | 6.0               | Good                 | Narrow form                   | Crowded by adjacent tree   | Preserve         | Parkland                      | 1.8               | 330        |
| 331               | Basswood                     | 20.0                 | 10.0              | Good                 | Leaning                       | One sided form, crowded by adjacent tree   | Preserve         | Parkland                      | 1.8               | 331        |
| 332               | Shagbark Hickory             | 47.0                 | 16.0              | Good                 | High crown                    | Broad, asymmetrical canopy   | Preserve         | Parkland                      | 3.0               | 332        |
| 333               | Sugar Maple                  | 25.0                 | 15.0              | Good                 | High crown                    | Good form  | Preserve         | Parkland                      | 1.8               | 333        |
| 334               | Basswood                     | 25.0                 | 8.0               | Fair                 | One sided form                | Leaning south  | Preserve         | Parkland                      | 1.8               | 334        |
| 335               | Ironwood                     | 20.0                 | 9.0               | Good                 | Narrow form                   | Crowded by adjacent tree   | Preserve         | Parkland                      | 1.8               | 335        |
| 336               | Sugar Maple                  | 30.5                 | 8.0               | Good                 | Narrow form                   | Asymmetrical form, crowded by adjacent tree  | Preserve         | Parkland                      | 2.4               | 336        |
| 337               | Shagbark Hickory             | 31.5                 | 8.0               | Good                 | One sided form                | Crowded by adjacent tree   | Preserve         | Parkland                      | 2.4               | 337        |
| 338               | Red Oak                      | 42.0                 | 12.0              | Good                 | One sided form                | Subordinated crown, some dieback on lower branches   | Preserve         | Parkland                      | 3.0               | 338        |
| 339               |                              | 22.0                 | 6.0               |                      |                               |  |                  |                               | 1.8               | 339        |
|                   | Austrian Pine                |                      |                   | Good                 | Irregular form                | Elevated crown   | Remove           | Private                       |                   |            |
|                   | Austrian Pine                | 25.0                 | 4.0               | Good                 | Narrow form                   | Elevated crown   | Remove           | Private                       | 1.2               | 340        |
|                   | Austrian Pine                | 30.0                 | 5.0               | Good                 | One sided form                | Multiple leaders, leaning  | Remove           | Private                       | 2.4               | 341        |
|                   | Russian Olive                | 22.0                 | 8.0               | Fair                 | Multi-stemmed                 | Irregular form, leaning, internal dieback throughout   | Remove           | Private                       | 1.8               | 342        |
|                   | Colorado Blue Spru           | 40.0                 | 6.0               | Good                 | Curved stem                   | Elevated crown, crowded by adjacent tree   | Remove           | Private                       | 2.4               | 343        |
| 344               | Colorado Blue<br>Spruce      | 21.0                 | 4.0               | Fair                 | One sided form                | Crowded by adjacent tree   | Remove           | Private                       | 1.8               | 344        |
| 345               | Colorado Blue                | 30.0                 | 5.0               | Good                 | One sided form                | Crowded by adjacent tree   | Remove           | Private                       | 2.4               | 345        |
| 346               | Spruce<br>Pyramidal          | 25.0                 | 5.0               | Good                 | Good form                     | Minor dieback on lower branches  | Remove           | Private                       | 1.8               | 346        |
| 347               | English Oak<br>Pyramidal     | 18.0                 | 4.5               | Fair                 | Good form                     | Dieback on lower branches  | Remove           | Private                       | 1.8               | 347        |
| 3/10              | English Oak<br>Austrian Pine | 45.0                 | 8.0               | Good                 | Good form                     | Multiple leaders   | Remove           | Private                       | 3.0               | 348        |
|                   | Austrian Pine                | 30.0                 | 6.0               | Good                 | Good form                     | Dieback on lower branches  | Remove           | Private                       | 1.8               | 349        |
|                   |                              |                      |                   |                      |                               |  |                  |                               |                   |            |
|                   | Pyramidal<br>English Oak     | 30.0                 | 5.0               | Good                 | Good form                     | Minor upper crown dieback  | Remove           | Private                       | 2.4               | 350        |
| 351               | Pyramidal<br>English Oak     | 22.0                 | 5.0               | Good                 | Good form                     |  | Remove           | Private                       | 1.8               | 351        |
| 352               | Norway Maple                 | 23.0                 | 6.0               | Poor                 | Good form                     | Girdles roots, significant internal crown dieback  | Remove           | Private                       | 1.8               | 352        |
|                   | Norway Maple                 | 24.5                 | 6.0               | Poor                 | Good form                     | Half dead  | Remove           | Private                       | 1.8               | 353        |
|                   | Norway Maple                 | 24.0                 | 7.0               | Fair                 | Good form                     | Dead leader, internal crown dieback  | Remove           | Private                       | 1.8               | 354        |
|                   |                              | 28.0                 | 6.0               | Fair                 | Good form                     | Internal crown dieback   | Remove           | Private                       | 1.8               | 355        |
|                   | Norway Maple                 |                      |                   |                      |                               |  |                  |                               |                   |            |
|                   | Norway Maple                 | 28.5                 | 6.0               | Poor                 | Good form                     | Significant dieback in crown   | Remove           | Private                       | 1.8               | 356        |
|                   | English Oak                  | 28.0                 | 7.0               | Poor                 | Good form                     | Significant upper crown dieback  | Remove           | Private                       | 1.8               | 357        |
| 358               | English Oak                  | 22.5                 | 6.0               | Poor                 | Good form                     | Declining  | Remove           | Private                       | 1.8               | 358        |
| 000               | English Oak                  | 27.0                 | 7.0               | Fair                 | Good form                     | Dead leader, internal crown dieback  | Remove           | Private                       | 1.8               | 359        |
|                   | Lilylian Oak                 |                      |                   |                      |                               |  |                  |                               |                   |            |
| 359               |                              | 27.0                 | 7.0               | Poor                 | Good form                     | inali dead, decilning  | Remove           | Private                       | 1.8               | Janu       |
| 359<br>360        | English Oak                  | 27.0<br>24.0         | 7.0               | Poor                 | Good form                     | Half dead, declining Significant crown dieback throughout                                      | Remove           | Private<br>Private            | 1.8               | 360<br>361 |
| 359<br>360<br>361 |                              | 27.0<br>24.0<br>23.5 | 7.0<br>7.0<br>6.0 | Poor<br>Poor<br>Good | Good form Good form Good form | nair dead, decining<br>Significant crown dieback throughout<br>Minor twig tip dieback in crown | Remove<br>Remove | Private<br>Private<br>Private | 1.8<br>1.8<br>1.8 | 361<br>362 |

| EXISTING TREE INVENTORY |               |      |     |        |                |   |              |                  |          |     |
|-------------------------|---------------|------|-----|--------|----------------|---|--------------|------------------|----------|-----|
| KEY                     | SPECIES       | DBH  |     | HEALTH | STRUCTURE      | COMMENTS  | PRESERVATION | TREE<br>CATEGORY | MIN. TPZ | KEY |
|                         |               | (cm) | (m) | G/F/P  |                |   | DIRECTION    |                  |          |     |
| 364                     | English Oak   | 33.5 | 7.0 | Fair   | Good form      | Twig tip dieback throughout                           | Remove       | Private          | 2.4      | 364 |
| 365                     | Norway Maple  | 28.0 | 8.0 | Good   | Good form      | Slightly crowded by adjacent tree                     | Remove       | Private          | 1.8      | 365 |
| 366                     | Norway Maple  | 31.0 | 8.0 | Good   | Double leader  | Narrow form, crowded by adjacent tree                 | Remove       | Private          | 2.4      | 366 |
| 367                     | Colorado Blue | 31.0 | 4.0 | Good   | Narrow form    | Elevated crown, dieback on lower branches             | Remove       | Private          | 2.4      | 367 |
|                         | Spruce        |      |     |        |                |   |              |                  |          |     |
| 368                     | Colorado Blue | 28.0 | 4.0 | Good   | One sided form | Crowded by adjacent tree                              | Remove       | Private          | 1.8      | 368 |
|                         | Spruce        |      |     |        |                |   |              |                  |          |     |
| 369                     | Norway Maple  | 26.5 | 7.0 | Poor   | High crown     | Girdled roots, some dieback in crown                  | Remove       | Private          | 1.8      | 369 |
| 370                     | Norway Maple  | 19.0 | 6.0 | Fair   | Irregular form | Pollarded crown, double leader                        | Remove       | Private          | 1.8      | 370 |
| 371                     | Honey Locust  | 30.0 | 8.0 | Good   | Good form      | Double leaders, minor twig tip dieback in upper crown | Remove       | Private          | 2.4      | 371 |

#### **Observations**

The subject site is currently a commercial plaza with a parking lot. A number of existing landscape accent trees flanks the east property limit as well as the south boulevard frontage flanking Erin Centre Boulevard. Several street trees occur within the Erin Centre municipal right of way. An existing woodlot occurs immediately north and east of the subject property. This woodlot is park to the City of Mississauga Erin Woods parkland.

The adjacent woodlot edge is composed mainly of semi-mature to mature native hardwood species including Red Oak, Sugar Maple, Ironwood, White Oak, Black Cherry, Basswood and Shagbark Hickory. A small number of Manitoba Maple trees and Hawthorn occur along the existing fence line associated with the north limit of the subject site. An understorey of the above noted species occurs throughout. The parkland immediately to the east of the site limit is composed of dense Buckthorn Shrub clusters. This is an invasive, exotic pioneer species which has colonized the area east of the subject site. Overall, the trees that make up the woodlot edge are in fair to good overall health and condition. The dripline associated with this woodlot has been staked and included on the Tree Inventory & Preservation Plans. The dripline encroaches into the subject site along the north limit; however, does not adjacent to the east site limit.

The east site limit is composed of a planted row of semi-mature Austrian Pine, Colorado Blue Spruce and Pyramidal English Oak trees. These trees were likely planted as per the original site planning for the plaza. These trees are in generally fair to good health and condition.

The site frontage flanking Erin Centre Drive is composed of buffer planting beds which include several Norway Maple and Pyramidal English Oak trees. The daylight triangle at the southwest corner of the site is composed of Colorado Blue Spruce and Norway Maple trees. Further, one Norway Maple and one Honeylocust flanks the west boulevard adjacent to Erin Mills Parkway. With the exception of a few, these semimature trees are in various levels of decline, and many are in generally poor condition.

#### **Tree Preservation**

In determining the tree preservation recommendations for the site, the criteria noted below were considered:

- Overall tree health, form, size, species and predicated longevity.
- Anticipated impact from construction of buildings and proposed landscape features, road works, site servicing and grading.

Each tree was assigned a minimum Tree Preservation Zone (TPZ) as per standard requirements used by municipal by-laws (Refer to Table 1-Tree Protection Zones).

**Table 1 - Tree Protection Zones** 

| Trunk Diameter | Minimum         |
|----------------|-----------------|
| (DBH)          | Protection Zone |
| <10 cm         | 1.2m            |
| 10-29 cm       | 1.8 m           |
| 30-40 cm       | 2.4 m           |
| 41-50 cm       | 3.0 m           |
| 51-60 cm       | 3.6 m           |
| 61-70 cm       | 4.2 m           |
| 71-80 cm       | 4.8 m           |
| 81-90 cm       | 5.4 m           |
| 91-100 cm      | 6.0 m           |
| < 100 cm       | 6cm per 1cm DBH |

Trees are recommended for preservation or removal based on proximity of the TPZ to the limit of construction, in conjunction with the overall tree health, size and anticipated ability to withstand root or crown impacts.

#### **Private Tree By-Law**

**Table 2 – Tree Categories** 

| CITY OF       | MISSISSAUGA TREE CATEGORIES  |
|---------------|--|
| 1             | Trees with diameters of 15cm or more, situated on  |
|               | private property, on the subject site.   |
| 2             | Trees with diameters of 15cm or more, situated on private property, within 6m of the subject site. |
| 3             | Trees of all diameters situated within the City road allowance adjacent to the subject site.       |
| 4<br>(exempt) | Trees that are less than 15cm diameter and located on private property.                            |

The City of Mississauga Private Tree Bylaw protects trees found on private property that are greater than 15cm DBH (Diameter at Breast Height) as well as trees of all diameters situated within the City road allowance.

The By-law states that:

- No Person shall Injure or Destroy a Tree with a Diameter of 15 centimeters or greater located on private property without a valid permit.
- No Person shall interfere with Hoarding that is erected in accordance with this By-law.
- No Person shall injure or destroy a Replacement Tree without a valid Permit.
- Permission is required for Ash or dead tree removals, but no permit fee is required.

#### **Summary of Removals**

The following is a summary of proposed tree removals for this site that will require a Permit for removal in accordance with City of Mississauga Private Tree Bylaw.

### ARBORIST REPORT

### Proposed Mixed-use High-Rise Development 2555 Erin Centre Blvd., Mississauga

Table 3 – Tree Removals subject to Private Tree Bylaw (Refer to The Tree Inventory

| KEY              | SPECIES         | CALIPER (cm) | HEALTH<br>G/F/P | REASON                     | STATUS | OWNERSHIP | COMPENSATION |
|------------------|-----------------|--------------|-----------------|----------------------------|--------|-----------|--------------|
| 1                | Norway Maple    | 20.0         | Poor            | Poor Condition/            | Remove | Municipal | 1            |
| '                | INOIWay Maple   | 20.0         | P001            | Blvd. Upgrades             | Remove | Municipal | ı            |
| 2                | Norway Maple    | 18.0         | Poor            | Poor Condition/            | Remove | Municipal | 1            |
|                  |                 |              |                 | Blvd. Upgrades             |        |           |              |
| 3                | Norway Maple    | 19.0         | Poor            | Poor Condition/            | Remove | Municipal | 1            |
|                  |                 |              |                 | Blvd. Upgrades             |        |           |              |
| 4                | Norway Maple    | 20.0         | Poor            | Poor Condition/            | Remove | Municipal | 1            |
|                  |                 |              |                 | Blvd. Upgrades             |        |           |              |
| 5                | Norway Maple    | 19.0         | Poor            | Poor Condition/            | Remove | Municipal | 1            |
|                  |                 |              |                 | Blvd. Upgrades             |        |           |              |
| 6                | Norway Maple    | 19.0         | Dead            | Poor Condition/            | Remove | Municipal | 1            |
|                  |                 |              |                 | Blvd. Upgrades             |        |           |              |
| 301              | Colorado Blue   | 22.0         | Fair            | Construction,              | Remove | Private   | 1            |
|                  | Spruce          |              |                 | Grading &                  |        |           |              |
|                  |                 |              |                 | Servicing                  |        |           | _            |
| 302              | Colorado Blue   | 20.0         | Fair            | Construction,              | Remove | Private   | 1            |
|                  | Spruce          |              |                 | Grading &                  |        |           |              |
|                  |                 |              | _               | Servicing                  |        | 5         |              |
| 303              | Hawthorn        | 20-22        | Poor            | Construction,              | Remove | Private   | 1            |
|                  |                 |              |                 | Grading &                  |        |           |              |
| 005              |                 | 40.0         | _               | Servicing                  | _      | 5: 1      |              |
| 305              | Hawthorn        | 18.0         | Poor            | Construction,              | Remove | Private   | 1            |
|                  |                 |              |                 | Grading &                  |        |           |              |
| 200              | Augtrian Dina   | 22.0         | Cood            | Servicing                  | Damain | Driverte  | 2            |
| 309              | Austrian Pine   | 32.0         | Good            | Construction,              | Remove | Private   | 2            |
|                  |                 |              |                 | Grading &                  |        |           |              |
| 220              | Austrian Pine   | 22.0         | Cood            | Servicing                  | Damain | Driverte  | 1            |
| 339              | Austrian Pine   | 22.0         | Good            | Construction,<br>Grading & | Remove | Private   | 1            |
|                  |                 |              |                 | _                          |        |           |              |
| 340              | Austrian Pine   | 25.0         | Good            | Servicing Construction,    | Remove | Private   | 2            |
| 340              | Austrian Fine   | 25.0         | Good            | Grading &                  | Kemove | Filvate   | 2            |
|                  |                 |              |                 | Servicing                  |        |           |              |
| 3/11             | Austrian Pine   | 30.0         | Good            | Construction,              | Remove | Private   | 2            |
| J <del>+</del> 1 | Austrian        | 30.0         | Good            | Grading &                  | Remove | Tilvate   | 2            |
|                  |                 |              |                 | Servicing &                |        |           |              |
| 342              | Russian Olive   | 22.0         | Fair            | Construction,              | Remove | Private   | 1            |
| 0 12             | Traddian Onvo   | 22.0         | I all           | Grading &                  | Romovo | 1 mate    | ,            |
|                  |                 |              |                 | Servicing                  |        |           |              |
| 343              | Colorado Blue S | 40.0         | Good            | Construction,              | Remove | Private   | 3            |
| 0.10             | Colorado Bido ( | 1 10.0       | Cood            | Grading &                  | Romovo | 1 mate    | Ü            |
|                  |                 |              |                 | Servicing                  |        |           |              |
| 344              | Colorado Blue   | 21.0         | Fair            | Construction,              | Remove | Private   | 1            |
|                  | Spruce          |              |                 | Grading &                  |        |           |              |
|                  | '               |              |                 | Servicing                  |        |           |              |
| 345              | Colorado Blue   | 30.0         | Good            | Construction,              | Remove | Private   | 2            |
| -                | Spruce          |              |                 | Grading &                  |        |           |              |
|                  | '               | 1            |                 | Servicing                  |        |           |              |
| 346              | Pyramidal       | 25.0         | Good            | Construction,              | Remove | Private   | 2            |
|                  | English Oak     | 1            |                 | Grading &                  |        |           |              |
|                  | ~               | 1            |                 | Servicing                  |        |           |              |
| 347              | Pyramidal       | 18.0         | Fair            | Construction,              | Remove | Private   | 1            |
|                  | English Oak     |              |                 | Grading &                  |        |           |              |
|                  | 1               | I            |                 | Servicing                  |        |           |              |

| KEY | SPECIES        | CALIPER | HEALTH | REASON                  | STATUS       | OWNERSHIP | COMPENSATION |
|-----|----------------|---------|--------|-------------------------|--------------|-----------|--------------|
|     |                | (cm)    | G/F/P  |                         |              |           |              |
| 348 | Austrian Pine  | 45.0    | Good   | Construction,           | Remove       | Private   | 3            |
|     |                |         |        | Grading &               |              |           |              |
|     |                |         |        | Servicing               |              |           |              |
| 349 | Austrian Pine  | 30.0    | Good   | Construction,           | Remove       | Private   | 2            |
|     |                |         |        | Grading &               |              |           |              |
|     |                |         |        | Servicing               |              |           |              |
| 350 | Pyramidal      | 30.0    | Good   | Construction,           | Remove       | Private   | 2            |
|     | English Oak    | 00.0    | 0000   | Grading &               | 1 10         | 1         | _            |
|     |                |         |        | Servicing               |              |           |              |
| 351 | Pyramidal      | 22.0    | Good   | Construction,           | Remove       | Private   | 1            |
| 00. | English Oak    |         | Joou   | Grading &               | 110111010    | l maio    | •            |
|     | Linghorr Gaix  |         |        | Servicing               |              |           |              |
| 352 | Norway Maple   | 23.0    | Poor   | Construction,           | Remove       | Private   | 2            |
| 002 | i torway mapio | 20.0    | 1 001  | Grading &               | Tromovo      | 1 maio    | _            |
|     |                |         |        | Servicing               |              |           |              |
| 353 | Norway Maple   | 24.5    | Poor   | Construction,           | Remove       | Private   | 2            |
| 333 | I voiway mapic | 24.5    | 1 001  | Grading &               | Remove       | Tilvate   | 2            |
|     |                |         |        | Servicing &             |              |           |              |
| 354 | Norway Maple   | 24.0    | Fair   | Construction,           | Remove       | Private   | 2            |
| 334 | INOIWay Maple  | 24.0    | ı alı  | Grading &               | Kemove       | Filvate   | 2            |
|     |                |         |        | Servicing               |              |           |              |
| 255 | Nonuov Monto   | 28.0    | Fair   | Construction,           | Remove       | Private   | 2            |
| 355 | Norway Maple   | 28.0    | rair   |                         | Remove       | Private   | 2            |
|     |                |         |        | Grading &               |              |           |              |
| 250 | Nonvoy Monto   | 28.5    | Poor   | Servicing Construction, | Damaia       | Private   | 2            |
| 356 | Norway Maple   | 20.5    | P001   | · ·                     | Remove       | Pilvale   | 2            |
|     |                |         |        | Grading &               |              |           |              |
| 257 | English Oak    | 20.0    | Deer   | Servicing               | Damaia       | Driverte  | 2            |
| 357 | English Oak    | 28.0    | Poor   | Construction,           | Remove       | Private   | 2            |
|     |                |         |        | Grading &               |              |           |              |
| 050 | E. P. L. O. L  | 00.5    | D      | Servicing               | <b>D</b>     | Dist      | 0            |
| 358 | English Oak    | 22.5    | Poor   | Construction,           | Remove       | Private   | 2            |
|     |                |         |        | Grading &               |              |           |              |
|     |                |         |        | Servicing               | <del> </del> | 5         |              |
| 359 | English Oak    | 27.0    | Fair   | Construction,           | Remove       | Private   | 2            |
|     |                |         |        | Grading &               |              |           |              |
|     |                |         | _      | Servicing               | <u> </u>     |           | _            |
| 360 | English Oak    | 27.0    | Poor   | Construction,           | Remove       | Private   | 2            |
|     |                |         |        | Grading &               |              |           |              |
|     |                |         |        | Servicing               |              |           |              |
| 361 | English Oak    | 24.0    | Poor   | Construction,           | Remove       | Private   | 2            |
|     |                |         |        | Grading &               |              |           |              |
|     |                |         | _      | Servicing               | ļ            |           |              |
| 362 | English Oak    | 23.5    | Good   | Construction,           | Remove       | Private   | 2            |
|     |                |         |        | Grading &               |              |           |              |
|     |                |         |        | Servicing               | <u> </u>     |           |              |
| 363 | English Oak    | 23.0    | Fair   | Construction,           | Remove       | Private   | 2            |
|     |                |         |        | Grading &               |              |           |              |
|     |                |         |        | Servicing               |              |           |              |

| KEY | SPECIES       | CALIPER | HEALTH | REASON        | STATUS | OWNERSHIP | COMPENSATION |
|-----|---------------|---------|--------|---------------|--------|-----------|--------------|
|     |               | (cm)    | G/F/P  |               |        |           |              |
| 364 | English Oak   | 33.5    | Fair   | Construction, | Remove | Private   | 2            |
|     |               |         |        | Grading &     |        |           |              |
|     |               |         |        | Servicing     |        |           |              |
| 365 | Norway Maple  | 28.0    | Good   | Construction, | Remove | Private   | 2            |
|     |               |         |        | Grading &     |        |           |              |
|     |               |         |        | Servicing     |        |           |              |
| 366 | Norway Maple  | 31.0    | Good   | Construction, | Remove | Private   | 2            |
|     |               |         |        | Grading &     |        |           |              |
|     |               |         |        | Servicing     |        |           |              |
| 367 | Colorado Blue | 31.0    | Good   | Construction, | Remove | Private   | 2            |
|     | Spruce        |         |        | Grading &     |        |           |              |
|     |               |         |        | Servicing     |        |           |              |
| 368 | Colorado Blue | 28.0    | Good   | Construction, | Remove | Private   | 2            |
|     | Spruce        |         |        | Grading &     |        |           |              |
|     |               |         |        | Servicing     |        |           |              |
| 369 | Norway Maple  | 26.5    | Poor   | Construction, | Remove | Private   | 2            |
|     |               |         |        | Grading &     |        |           |              |
|     |               |         |        | Servicing     |        |           |              |
| 370 | Norway Maple  | 19.0    | Fair   | Construction, | Remove | Private   | 1            |
|     |               |         |        | Grading &     |        |           |              |
|     |               |         |        | Servicing     |        |           |              |
| 371 | Honey Locust  | 30.0    | Good   | Construction, | Remove | Private   | 2            |
|     |               |         |        | Grading &     |        |           |              |
|     |               |         |        | Servicing     |        |           |              |

### Total of 44 Trees to be Removed

#### **Tree Removals & Preservation**

Based on the constraints of the proposed Site Plan, all trees within the subject site require removal. All of the municipal street trees along Erin Centre Blvd. are either dead or in decline and are to be removed as well. All trees associated with the adjacent woodlot parklands are to be preserved and protected.

City approved tree protection hoarding is to be installed at the minimum TPZ limits for all neighbouring woodland trees to be preserved as noted on the Tree Inventory & Preservation Plans.

#### **Tree Compensation Requirements**

The City of Mississauga requires replacement trees be provided for one or more trees 15cm or greater on your property. One replacement tree is required for every 15cm diameter being removed.

A Tree Replacement security deposit determined by the City is required to ensure that the replacement trees are planted on private property. If there is no sufficient space to accommodate the trees, you must pay to plant replacement trees on City property.

The City requests that replacement trees be at a minimum 1.8m tall if coniferous and 6cm in diameter if deciduous.

A total of **seventy-four (74)** compensation trees are required.

The landscape planning for this site includes a robust edge management planting plan as well as extensive landscape planting throughout the subject site, including upgrades to the municipal boulevard along Erin Centre Drive. The total number of proposed new trees is to be accounted for as compensation will be determined during the detailed design phase of the SPA works.

#### Conclusion

Strybos Barron King Ltd. was retained by Starmont Estates Inc., c/o Trinity Point Developments to prepare an Arborist Report for the subject property in accordance with City of Mississauga Tree Bylaw requirements. The report summarizes the trees inventoried within and immediately adjacent to the property and provides recommendations for preservation in context with the proposed mixed-use high-rise development. The V100 – Tree Inventory & Preservation Plan should be used as a reference with this report for detailed information pertaining to existing trees.

The proposal for this property will see the construction of a new, mixed-use, high-rise development with underground parking facilities. Based on the required site plan, servicing, grading and construction works, forty-four (44) trees, subject to the Private Tree Bylaw require removal. This includes the existing boulevard trees along Erin Centre Drive which are all in poor condition. Based on the City's compensation requirements, a total of seventy-four (74) compensation trees are required. All trees associated with the adjacent woodlands will be preserved and protected throughout the development process. In addition, a robust edge management planting plan is proposed for the north limit which will enhance the woodlot edge and provide for compensation plantings.

Prepared By:

STRYBOS BARRON KING LTD.

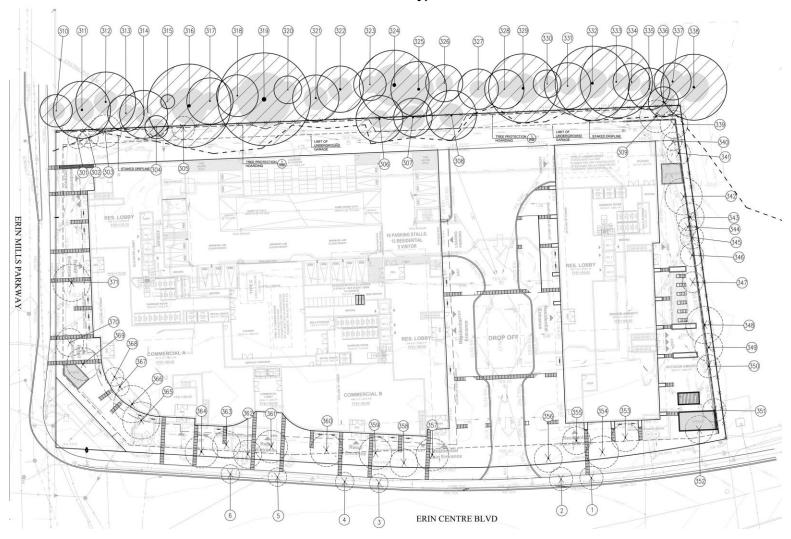
Matthew Gebres

I.S.A. Certified Arborist ON-1114A Senior Landscape Technologist

Ext. 228

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### APPENDIX A – CONTEXTUAL TREE INVENTORY & PRESERVATION PLAN (for context only)



### Appendix B - SITE PHOTOGRAPHS



### Appendix B - SITE PHOTOGRAPHS





Southeast side of site (view north)



South side of site (view west)

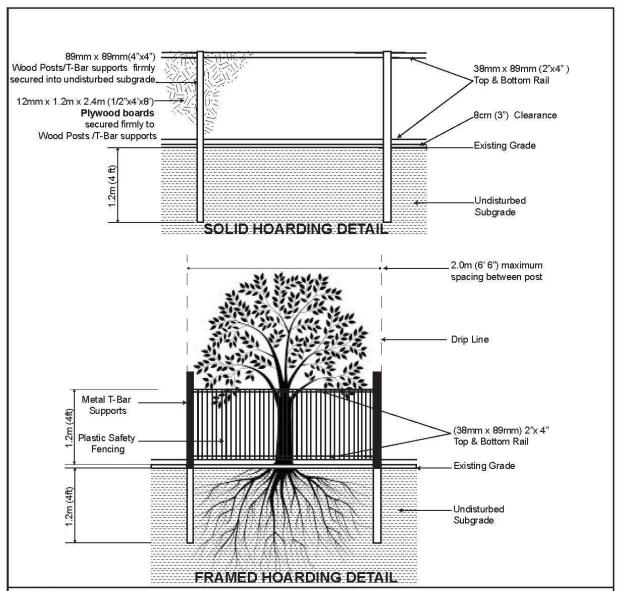


Southwest corner of site (view southwest)



Blvd. Trees along Erin Centre Dr.

### Appendix C - TREE PROTECTION HOARDING DETAIL



#### NOTES:

- 1. Hoarding details to be determined following initial site inspection.
- Private tree hoarding to be approved by Development & Design;City tree hoarding to be approved by Community Services Dept.
- 3. Hoarding must be supplied, installed and maintained by the applicant throughout all phases of construction.

  Inspection must be conducted by the Development and Design Division prior to removing any/all private hoarding.
- 4. Do not allow water to collect and pond behind or within hoarding.
- 5. T-bar supports are acceptable alternative to 4x4 posts. U-shaped metal supports will not be accepted.
- 6. **Plywood** must be utilized for 'solid' hoarding. OSB/Chipboard will not be accepted for solid hoarding. Plywood sheets must be installed on "construction" side of frame.
- 7. Applicant is responsible to ensure utility locates are completed within city boulevard prior to installing framed hoarding.

### TREE PRESERVATION HOARDING

**MISSISSAUGA**