

TREE INVENTORY LEGEND

**Biological Health**  
H (High Quality) - Vigorous growth and desirable urban tree species with no apparent symptoms of disease or pests.  
MH (Medium-High Quality) - Moderate growth of high quality urban species with minor symptoms of disease that are aesthetic only and have less than 5% dieback.  
M (Medium Quality) - Moderate growth of any species with minor dieback of less than 15% of canopy and/or minor symptoms of disease or pests.  
ML (Medium-Low Quality) - Low vigour, with dieback of 15% - 50% of canopy and/or major symptoms of disease or pests.  
L (Low Quality) - More than 50% of the canopy is dead.

**Structural Condition**  
H (High Quality) - No apparent defects to root crown, trunk, leader, or major limbs.  
MH (Medium-High Quality) - No significant defects to root crown or trunk and minor defects to canopy including limbs.  
M (Medium Quality) - Minor defects to important elements (root crown, trunk, leader, and main branch union or major limbs).  
ML (Medium-Low Quality) - Major defects that suggest risk of declining to low quality within 2-10 years.  
L (Low Quality) - Major defects that have an immediate risk of failure.

**Recommended Action**  
P - Preserve  
R - Remove for poor condition  
RC - Remove for Construction  
R\* - Remove with Neighbours Approval  
R\*\* - Remove with Town's Approval  
T - Transplant

**Comments**  
B Borer  
BB Broken or hanging branches  
BF Backfilled  
CS Compacted soil  
DB Dead branches  
FFB Fungus Fruiting Bodies  
G Girdling  
HA Hazard  
IB Included bark  
LS Lean showing direction  
(i.e. LS=lean south)  
2L 2 leaders or codominant stems  
MSM Multistem  
PL Pruned limbs  
SU Supressed crown  
TB Torn/broken branch  
%TD Percent trunk circumference that is damaged.  
TH Top heavy  
UB Unbalanced crown  
(N,S,E,W indicates weighted side of crown)  
V Vine growing in tree  
WB Witches broom growth  
WP Woodpecker damage  
WS Watersprouts  
ZZ Zigzag trunk  
%D X% crown is dead

Trees less than 15cmØ caliper, and large shrubs may exist on the site. It is the contractors responsibility to determine the extent of possible removals by field review prior to submission of quotations for removals work.

| New Tree No. | Tree No. | Species                | DBH (cm)                         | Combined DBH | Measure to Drip Line diameter (m) | Biological Health | Structural Condition | Recommended Action | Comments   | Location Designation |
|--------------|----------|------------------------|----------------------------------|--------------|-----------------------------------|-------------------|----------------------|--------------------|--|----------------------|
| 59           | 277      | Fraxinus pennsylvanica | 18                               | 5            | 5                                 | L                 | L                    | R                  | DEAD   | S                    |
| 60           | 278      | Fraxinus pennsylvanica | 16                               | 4            | 4                                 | L                 | L                    | R                  | DEAD   | S                    |
| 61           | 279      | Fraxinus pennsylvanica | 16                               | 4            | 4                                 | L                 | L                    | R                  | DEAD   | S                    |
| 62           | 86       | Pinus sylvestris       | 28                               | 6            | 6                                 | L                 | L                    | R                  | DEAD   | S                    |
| 63           | 85       | Pinus sylvestris       | 32                               | 6            | 6                                 | L                 | L                    | n/a                | Tree removed since original survey                                 | S                    |
| 64           | 84       | Pinus sylvestris       | 32.1                             | 6            | 6                                 | D                 | D                    | R                  | Dead   | S                    |
| 65           | 83       | Pinus sylvestris       | 41                               | 6            | 6                                 | M                 | M                    | FC                 | DB (med)   | S                    |
| 66           | 82       | Pinus sylvestris       | 25.9                             | 3            | 3                                 | ML                | M                    | FC                 | small canopy   | S                    |
| 67           | 81       | Pinus sylvestris       | 21.8                             | 3            | 3                                 | ML                | M                    | FC                 | small canopy   | S                    |
| 68           | 80       | Pinus sylvestris       | 42.5                             | 6            | 6                                 | M                 | M                    | FC                 | DB (small)   | S                    |
| 69           | 79       | Pinus sylvestris       | 34.8                             | 5            | 5                                 | M                 | M                    | FC                 | DB (small)   | S                    |
| 70           | 78       | Pinus sylvestris       | 30.5                             | 5            | 5                                 | M                 | M                    | FC                 | DB (small)   | S                    |
| 71           | 77       | Pinus sylvestris       | 28.5                             | 5            | 5                                 | M                 | M                    | FC                 | BF, top 50% canopy ok  | S                    |
| 72           | 76       | Ulmus americana        | 15                               | 8            | 8                                 | ML                | ML                   | n/a                | Tree removed since original survey                                 | S                    |
| 73           | 75       | Pinus sylvestris       | 22                               | 4            | 4                                 | L                 | L                    | n/a                | Tree removed since original survey                                 | S                    |
| 74           | 74       | Pinus sylvestris       | 28                               | 6            | 6                                 | L                 | L                    | n/a                | Tree removed since original survey                                 | S                    |
| 75           | 73       | Pinus sylvestris       | 30                               | 6            | 6                                 | L                 | L                    | n/a                | Tree removed since original survey                                 | S                    |
| 76           | 44       | Ulmus laevis           | 15,18x2,24                       | 27.4         | 12                                | L                 | L                    | R                  | DEAD, falling  | S                    |
| 77           | 45       | Ulmus laevis           | 17,20,29,33                      | 31.5         | 13                                | L                 | L                    | R                  | DEAD, falling  | S                    |
| 78           | 280      | Juglans nigra          | 11.7                             | 5            | 5                                 | H                 | H                    | FC                 | 2L   | S                    |
| 79           |          | Fraxinus pennsylvanica | 14.2                             | 2.5          | 2.5                               | L                 | L                    | R                  | Vine, 20% crown damage to main                                     | S                    |
| 80           |          | Juglans nigra          | 12.9                             | 4            | 4                                 | H                 | H                    | FC                 |  | S                    |
| 81           | 281      | Juglans nigra          | 16.8, 13.7                       | 17.5         | 7                                 | H                 | H                    | FC                 | 2L   | S                    |
| 82           | 46       | Ulmus laevis           | 17                               | 6            | 6                                 | ML                | ML                   | R                  | DEAD   | S                    |
| 83           | 282      | Ulmus pumila           | 11                               | 4            | 4                                 | M                 | M                    | R                  | Tree removed since original survey                                 | S                    |
| 84           | 47       | Ulmus laevis           | 15                               | 6            | 6                                 | ML                | ML                   | R                  | DEAD   | S                    |
| 85           |          | Ulmus laevis           | 16                               | 6            | 6                                 | ML                | ML                   | R                  | DEAD   | S                    |
| 86           |          | Acer negundo           | 12.8                             | 5            | 5                                 | M                 | M                    | FC                 | Heavy vine   | S                    |
| 87           |          | Thuja occidentalis     | 24.4, 22.1, 24.5, 12             | 28.8         | 6                                 | M                 | M                    | FC                 | 3L, DB (small), lean to 10° (68 tag)                               | S                    |
| 88           |          | Thuja occidentalis     | 21.3, 14.9, 10.5, 14, 14.7, 18.2 | 30.6         | 6                                 | M                 | M                    | FC                 | Lean up to 20° all directions, concrete block btwn trunk (067 tag) | S                    |
| 89           |          | Thuja occidentalis     | 11.9, 21.1, 18.3, 17, 10.5, 10   | 29.8         | 6                                 | M                 | M                    | FC                 | LB btwn two trunks, lean up to 45° (066 tag)                       | S                    |
| 90           |          | Thuja occidentalis     | 23.1, 21.9, 16.9, 13.4           | 27.4         | 6                                 | M                 | M                    | FC                 | Lean up to 20° all directions                                      | S                    |
| 91           |          | Thuja occidentalis     | 18.2                             | 2.5          | 2.5                               | L                 | ML                   | R                  | 75% Dead canopy, 25% TD canopy at base (tag 160)                   | S                    |
| 92           |          | Pinus nigra            | 44.5                             | 6            | 6                                 | M                 | M                    | FC                 | DB (small), dead tips, (69tag)                                     | S                    |
| 93           |          | Picea pungens          | 33                               | 7            | 7                                 | M                 | MH                   | FC                 | UB (S), twig dieback 40%   | S                    |
| 94           |          | Picea pungens          | 33.6                             | 7            | 7                                 | M                 | MH                   | FC                 | UB (NW), twig dieback 40%  | S                    |
| 95           |          | Picea pungens          | 41.6                             | 7            | 7                                 | M                 | MH                   | FC                 | UB (E)   | S                    |
| 96           |          | Ulmus laevis           | 21                               | 4            | 4                                 | ML                | M                    | FC                 |  | S                    |
| 97           |          | Ulmus laevis           | 13,13                            | 16.1         | 6                                 | ML                | M                    | FC                 | Dutch Elm Disease  | S                    |
| 98           |          | Ulmus laevis           | 14                               | 5            | 5                                 | D                 | D                    | R                  | DEAD   | S                    |
| 99           |          | Populus nigra          | 19                               | 4            | 4                                 | D                 | D                    | R                  | DEAD   | S                    |
| 100          |          | Tilia cordata          | 12                               | 4            | 4                                 | D                 | D                    | R                  | DEAD, fallen   | S                    |
| 101          |          | Populus nigra          | 10.5                             | 3            | 3                                 | H                 | H                    | FC                 |  | S                    |
| 102          |          | Populus tremuloides    | 25.2                             | 5            | 5                                 | H                 | H                    | FC                 |  | S                    |
| 103          |          | Populus tremuloides    | 16,10                            | 16.1         | 5                                 | D                 | D                    | R                  | DEAD   | S                    |
| 104          |          | Pinus sylvestris       | 20.5                             | 6            | 6                                 | M                 | M                    | FC                 | TB, sup, MB  | S                    |
| 105          |          | Pinus sylvestris       | 28.4                             | 6            | 6                                 | MH                | MH                   | FC                 |  | S                    |
| 106          |          | Ulmus americana        | 15                               | 3            | 3                                 | M                 | M                    | FC                 |  | S                    |
| 107          |          | Juglans nigra          | 18.3                             | 7            | 7                                 | H                 | H                    | FC                 |  | S                    |
| 108          |          | Ulmus laevis           | 14.5                             | 4            | 4                                 | D                 | D                    | R                  | Fallen, DEAD   | S                    |
| 109          |          | Ulmus laevis           | 20                               | 6            | 6                                 | D                 | D                    | R                  | DEAD   | S                    |
| 110          |          | Salix nigra            | 19, 11, 12, 13, 10               | 25.5         | 6                                 | M                 | M                    | FC                 | lean up to 60°   | S                    |
| 111          |          | Fraxinus pennsylvanica | 16, 17                           | 18.2         | 7                                 | D                 | D                    | R                  | DEAD   | S                    |
| 112          |          | Acer platanoides       | 31.9                             | 6            | 6                                 | MH                | M                    | P                  | MB   | C                    |
| 113          |          | Acer platanoides       | 23                               | 6            | 6                                 | MH                | M                    | R*                 | MB   | C                    |
| 114          |          | Acer platanoides       | 25.7                             | 6            | 6                                 | MH                | MH                   | R*                 |  | C                    |
| 115          |          | Acer platanoides       | 21.4                             | 5            | 5                                 | M                 | M                    | R*                 | Crossing branches, crack, MB                                       | C                    |
| 116          |          | Acer platanoides       | 18.3                             | 5            | 5                                 | M                 | M                    | R*                 | BF   | C                    |
| 117          |          | Acer platanoides       | 16.4                             | 4            | 4                                 | M                 | M                    | R*                 | Crack 1.5m-2.5m  | C                    |

LEGEND

- Property Line
- Tree protection -solid hoarding
- Optimal Tree Protection Zone (TPZ) (distance from trunk shown on drawing)
- Existing tree to be preserved
- Existing tree to be removed
- Existing tree to be removed  
Dead, girdled or dangerous.
- 1.5m High Black Vinyl Chain Link Fence as per City of Mississauga standard detail

LIMITING CONDITIONS:

This tree inventory was derived from data gathered on the site using accepted arboricultural practices. This includes a visual examination of all above ground parts of the tree for structural defects and signs of health and vigour. All examination took place from the ground plane and no trees were cored, probed or climbed. There was also no detailed inspection of the root crown where excavation would have been required.

This inventory describes the health, structural stability and identifies potential hazards of the trees to a reasonable extent. Where dead branches or other are identified in the notes it is the owners responsibility to take action. This inventory does not provide or imply a guarantee that these trees or branches will remain standing intact. The stability of any tree or branches of a tree cannot be predicted with absolute certainty under all circumstances.

There is, likewise, no guarantee of survival for those trees to be preserved during construction but which are subject to injury. Tree preservation guidelines that are provided in this report are generally suitable for the tree as determined by the visual assessment. However, there is no guarantee that these guidelines will be followed throughout construction unless an arborist is retained for complete supervision of the site at all times. Even with complete supervision, roots in an urban environment are unpredictable. Guidelines, that suppose an even distribution of roots may not be effective in cases where roots have clustered in small areas.

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



REVISIONS

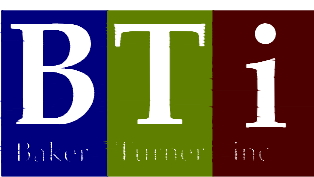
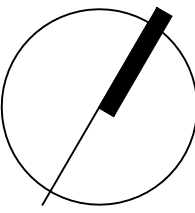
| DATE       | DESCRIPTION                      |
|------------|----------------------------------|
| 15 Oct, 25 | Issued of OPA/ ZBA Re-submission |
| 19 Jun, 25 | Issued for SPA                   |

15 Oct, 25 Issued of OPA/ ZBA Re-submission

19 Jun, 25 Issued for SPA

DATE DESCRIPTION

NOTE: Contractor is to check and verify all dimensions and conditions on the project, and is to immediately report any discrepancies to the landscape architect before proceeding with the work.



Landscape Architecture | Site Design

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Project Title

Client Name

Thorny Brae Residential  
1765, 1775 Thorny Brae Place  
Mississauga, ON

Tree Protection Plan

Date Issued  
January 2025

Job Number Drawn By  
BTI-1767 DA

Scale Checked By  
1:200 JW

Sheet Number File Number  
TS.2 of 4 FILE NO.

