





| Tree No. (not tagged) | Tree Species                                       | DBH (cm)               | Minimum Tree Protection Zone (m) (from outer edge of trunk) | Crown Diameter (m) | Crown Class  | Condition | Constraint to Development | Ownership (Private (P), Other (O), Municipal (M), Shared (S)) | Risk Action - Condition: Preserve, Remove | Risk Action - Preservation: Preserve, Remove | Final Recommendation: Preserve, Remove | Compensation Required: Yes (Y), No (N) | Comments  |
|-----------------------|--|------------------------|---|--------------------|--------------|-----------|---------------------------|---|---|--|--|--|---|
| 1                     | Betula papyrifera Paper Birch                      | 22                     | 2.4   | 3                  | Dominant     | Poor      | L                         | P   | R   | R  | RCD                                    | N                                      |   |
| 2                     | Acer saccharum ssp. saccharum Sugar Maple          | 69                     | 4.2   | 12                 | Co-Dominant  | Good      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 3                     | Acer saccharum ssp. saccharum Sugar Maple          | 66                     | 4.2   | 12                 | Intermediate | Poor      | L                         | P   | R   | R  | RCD                                    | N                                      | Crown dieback (severe); Deadwood (severe)           |
| 4                     | Acer saccharum ssp. saccharum Sugar Maple          | 74                     | 4.8   | 14                 | Dominant     | Good      | H                         | P   | P   | R  | RD                                     | Y                                      |   |
| 5                     | Acer saccharum ssp. saccharum Sugar Maple          | 50(20.27, 37)          | 3.0   | 10                 | Intermediate | Fair      | M                         | P   | P   | R  | RD                                     | Y                                      | Crown dieback (moderate)                            |
| 6                     | Acer saccharum Silver Maple                        | 78                     | 4.8   | 16                 | Intermediate | Good      | MH                        | P   | P   | R  | RD                                     | Y                                      | Dih taken just below codominant stems               |
| 7                     | Acer platanoides Norway Maple                      | 57                     | 3.6   | 12                 | Co-Dominant  | Good      | MH                        | P   | P   | R  | RD                                     | Y                                      |   |
| 8                     | Acer platanoides Norway Maple                      | 56                     | 3.6   | 10                 | Co-Dominant  | Good      | MH                        | P   | P   | R  | RD                                     | Y                                      |   |
| 9                     | Acer saccharum ssp. saccharum Sugar Maple          | 65                     | 4.2   | 14                 | Co-Dominant  | Fair      | MH                        | P   | P   | R  | RD                                     | Y                                      | Included bark (moderate)                            |
| 10                    | Acer saccharum ssp. saccharum Sugar Maple          | 30                     | 2.4   | 10                 | Suppressed   | Good      | M                         | P   | P   | R  | RD                                     | Y                                      | Deadwood (minor)                                    |
| 11                    | Acer saccharum Silver Maple                        | 57                     | 3.6   | 10                 | Intermediate | Fair      | ML                        | P   | P   | R  | RD                                     | Y                                      | Codominant stems with included bark (severe)        |
| 12                    | Acer saccharum ssp. saccharum Sugar Maple          | 89                     | 5.4   | 12                 | Co-Dominant  | Good      | MH                        | P   | P   | R  | RD                                     | Y                                      | Deadwood (minor)                                    |
| 13                    | Acer saccharum ssp. saccharum Sugar Maple          | 81                     | 5.4   | 15                 | Co-Dominant  | Fair      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 14                    | Acer saccharum Silver Maple                        | 22                     | 2.4   | 8                  | Intermediate | Fair      | M                         | P   | P   | R  | RD                                     | Y                                      | Bow (m)   |
| 15                    | Acer saccharum Silver Maple                        | 48(30.31, 22)          | 3.0   | 10                 | Co-Dominant  | Fair      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 16                    | Acer platanoides Norway Maple                      | 44                     | 3.0   | 10                 | Intermediate | Good      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 17                    | Fraxinus americana White Ash                       | 76(51.57)              | 4.8   | 14                 | Co-Dominant  | Poor      | L                         | P   | R   | R  | RCD                                    | N                                      | EAB signs (minor); decay at union                   |
| 18                    | Fraxinus americana White Ash                       | 73(48.55)              | 4.8   | 12                 | Co-Dominant  | Fair      | L                         | P   | P   | R  | RD                                     | Y                                      | EAB symptoms (moderate)                             |
| 19                    | Quercus alba White Oak                             | 32                     | 2.4   | 10                 | Intermediate | Fair      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 20                    | Picea pungens 'Glauca' Colorado Blue Spruce        | 20                     | 2.4   | 4                  | Co-Dominant  | Good      | ML                        | P   | P   | R  | RD                                     | Y                                      |   |
| 21                    | Acer platanoides Norway Maple                      | 19                     | 1.8   | 6                  | Co-Dominant  | Good      | ML                        | P   | P   | R  | RD                                     | Y                                      |   |
| 22                    | Acer negundo Manitoba Maple                        | 17                     | 1.8   | 6                  | Co-Dominant  | Fair      | L                         | P   | P   | R  | RD                                     | Y                                      |   |
| 23                    | Thuja occidentalis Eastern White Cedar             | 36(18.18, 18, 20.12)   | 2.4   | 4                  | Co-Dominant  | Fair      | ML                        | P   | P   | R  | RD                                     | Y                                      | Deadwood (moderate); Past pruning issues (severe)   |
| 24                    | Thuja occidentalis Eastern White Cedar             | 29                     | 2.4   | 3                  | Intermediate | Fair      | ML                        | P   | P   | R  | RD                                     | Y                                      |   |
| 25                    | Thuja occidentalis Eastern White Cedar             | 20(15.13)              | 2.4   | 2                  | Suppressed   | Fair      | ML                        | P   | P   | R  | RD                                     | Y                                      |   |
| 26                    | Thuja occidentalis Eastern White Cedar             | 41(25.15, 16, 15.15)   | 3.0   | 4                  | Intermediate | Fair      | ML                        | P   | P   | R  | RD                                     | Y                                      |   |
| 27                    | Thuja occidentalis Eastern White Cedar             | 46(27.35, 13)          | 3.0   | 3                  | Intermediate | Fair      | ML                        | P   | P   | R  | RD                                     | Y                                      | Past pruning issues (severe)                        |
| 28                    | Malus pumila Apple                                 | 42(21.32, 18)          | 3.0   | 8                  | Dominant     | Poor      | L                         | P   | R   | R  | RCD                                    | N                                      | Cavities and decay (severe)                         |
| 29                    | Picea glauca White Spruce                          | 40                     | 2.4   | 6                  | Dominant     | Fair      | ML                        | P   | P   | R  | RD                                     | Y                                      | Crown dieback (moderate)                            |
| 30                    | Betula papyrifera Paper Birch                      | 37                     | 2.4   | 10                 | Co-Dominant  | Fair      | ML                        | P   | P   | R  | RD                                     | Y                                      | Sw m  |
| 31                    | Betula papyrifera Paper Birch                      | 33                     | 2.4   | 10                 | Co-Dominant  | Fair      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 32                    | Acer platanoides Norway Maple                      | 35                     | 2.4   | 8                  | Co-Dominant  | Fair      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 33                    | Thuja occidentalis Eastern White Cedar             | 36(12.15, 11, 27)      | 2.4   | 5                  | Intermediate | Fair      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 34                    | Thuja occidentalis Eastern White Cedar             | 37(29.12, 12.1, 5, 10) | 2.4   | 4                  | Intermediate | Fair      | M                         | P   | P   | R  | RD                                     | Y                                      | 1 dead tree - 15cm in here                          |
| 35                    | Fraxinus pennsylvanica Green Ash                   | 15                     | 1.8   | 8                  | Intermediate | Fair      | L                         | P   | P   | R  | RD                                     | Y                                      | Bow (moderate)                                      |
| 36                    | Acer negundo Manitoba Maple                        | 20                     | 2.4   | 5                  | Intermediate | Fair      | ML                        | P   | P   | R  | RD                                     | Y                                      |   |
| 37                    | Acer platanoides Norway Maple                      | 13(10.8)               | 1.8   | 4                  | Dominant     | Fair      | ML                        | P   | P   | R  | RD                                     | Y                                      | Twisted and fused stems                             |
| 38                    | Acer platanoides Norway Maple                      | 17                     | 1.8   | 3                  | Dominant     | Fair      | ML                        | P   | P   | R  | RD                                     | Y                                      |   |
| 39                    | Acer platanoides Norway Maple                      | 25                     | 2.4   | 6                  | Dominant     | Fair      | M                         | P   | P   | R  | RD                                     | Y                                      | Flaking (minor); Carpenter ants (moderate)          |
| 40                    | Acer platanoides Norway Maple                      | 23                     | 2.4   | 8                  | Co-Dominant  | Good      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 41                    | Acer platanoides Norway Maple                      | 10                     | 1.8   | 3                  | Co-Dominant  | Good      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 42                    | Acer platanoides Norway Maple                      | 12                     | 1.8   | 4                  | Dominant     | Good      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 43                    | Acer saccharum Silver Maple                        | 65(26.28, 24, 34, 33)  | 4.2   | 12                 | Co-Dominant  | Fair      | M                         | P   | P   | R  | RD                                     | Y                                      | Stems codominant (severe); Included bark (moderate) |
| 44                    | Acer saccharum Silver Maple                        | 50(23.23, 19, 26, 19)  | 3.0   | 10                 | Intermediate | Fair      | M                         | P   | P   | R  | RD                                     | Y                                      | Included bark (minor)                               |
| 45                    | Acer saccharum Silver Maple                        | 55(17.27, 31, 32)      | 3.6   | 14                 | Co-Dominant  | Fair      | M                         | P   | P   | R  | RD                                     | Y                                      | Included bark (moderate)                            |
| 46                    | Acer saccharum Silver Maple                        | 23(5.13, 16)           | 2.4   | 10                 | Intermediate | Fair      | ML                        | P   | P   | R  | RD                                     | Y                                      |   |
| 47                    | Acer saccharum Silver Maple                        | 79(33.33, 44, 42)      | 4.8   | 12                 | Intermediate | Fair      | M                         | P   | P   | R  | RD                                     | Y                                      | Stems codominant (severe)                           |
| 48                    | Acer platanoides Norway Maple                      | 38(25.16, 25)          | 2.4   | 7                  | Co-Dominant  | Fair      | L                         | P   | P   | R  | RD                                     | Y                                      | Crown dieback (minor); Trunk decay (minor)          |
| 49                    | Acer platanoides Norway Maple                      | 36(13.22, 22.1, 1, 1)  | 2.4   | 10                 | Intermediate | Fair      | ML                        | P   | P   | R  | RD                                     | Y                                      | Included bark (moderate)                            |
| 50                    | Acer saccharum ssp. saccharum Sugar Maple          | 28                     | 2.4   | 9                  | Co-Dominant  | Good      | MH                        | P   | P   | R  | RD                                     | Y                                      |   |
| 51                    | Acer platanoides 'Crimson King' Crimson King Maple | 44                     | 3.0   | 10                 | Intermediate | Good      | M                         | O   | P   | P  | P                                      | N                                      | Diameter just below codominant stems                |
| 52                    | Acer platanoides Norway Maple                      | 48                     | 3.0   | 11                 | Intermediate | Fair      | M                         | O   | P   | P  | P                                      | N                                      |   |
| 53                    | Picea pungens 'Glauca' Colorado Blue Spruce        | 32                     | 2.4   | 8                  | Dominant     | Fair      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 54                    | Picea glauca White Spruce                          | 44                     | 3.0   | 6                  | Dominant     | Good      | MH                        | P   | P   | R  | RD                                     | Y                                      |   |
| 55                    | Picea glauca White Spruce                          | 51                     | 3.6   | 8                  | Co-Dominant  | Good      | MH                        | P   | P   | R  | RD                                     | Y                                      |   |
| 56                    | Picea glauca White Spruce                          | 51                     | 3.6   | 8                  | Co-Dominant  | Good      | MH                        | P   | P   | R  | RD                                     | Y                                      |   |
| 57                    | Acer platanoides Norway Maple                      | 28                     | 2.4   | 9                  | Co-Dominant  | Good      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 58                    | Acer platanoides Norway Maple                      | 22                     | 2.4   | 5                  | Co-Dominant  | Fair      | L                         | P   | P   | R  | RD                                     | Y                                      | Twisted fused stems                                 |
| 59                    | Quercus alba White Oak                             | 37                     | 2.4   | 10                 | Intermediate | Fair      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 60                    | Quercus alba White Oak                             | 43                     | 3.0   | 12                 | Co-Dominant  | Fair      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 61                    | Quercus alba White Oak                             | 50(42.27)              | 3.0   | 14                 | Suppressed   | Fair      | ML                        | P   | P   | R  | RD                                     | Y                                      |   |
| 62                    | Picea glauca White Spruce                          | 14                     | 1.8   | 3                  | Co-Dominant  | Good      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 63                    | Malus sp. Apple species                            | 16                     | 1.8   | 3                  | Co-Dominant  | Fair      | ML                        | P   | P   | R  | RD                                     | Y                                      |   |
| 64                    | Picea glauca White Spruce                          | 29                     | 2.4   | 6                  | Co-Dominant  | Good      | MH                        | P   | P   | R  | RD                                     | Y                                      |   |

| Tree No. (not tagged) | Tree Species                                | DBH (cm)      | Minimum Tree Protection Zone (m) (from outer edge of trunk) | Crown Diameter (m) | Crown Class  | Condition | Constraint to Development | Ownership (Private (P), Other (O), Municipal (M), Shared (S)) | Risk Action - Condition: Preserve, Remove | Risk Action - Preservation: Preserve, Remove | Final Recommendation: Preserve, Remove | Compensation Required: Yes (Y), No (N) | Comments  |
|-----------------------|---|---------------|---|--------------------|--------------|-----------|---------------------------|---|---|--|--|--|---|
| 65                    | Tilia americana Basswood                    | 18(14.12)     | 1.8   | 4                  | Intermediate | Fair      | ML                        | P   | P   | R  | RD                                     | Y                                      |   |
| 66                    | Tilia americana Basswood                    | 10            | 1.8   | 1                  | Suppressed   | Fair      | L                         | P   | P   | R  | RD                                     | Y                                      |   |
| 67                    | Picea abies Norway Spruce                   | 13            | 1.8   | 3                  | Co-Dominant  | Good      | M                         | O   | P   | P  | P                                      | N                                      |   |
| 68                    | Picea pungens 'Glauca' Colorado Blue Spruce | 15            | 1.8   | 3                  | Co-Dominant  | Good      | M                         | O   | P   | P  | P                                      | N                                      |   |
| 69                    | Fraxinus americana White Ash                | 35            | 2.4   | 8                  | Intermediate | Fair      | ML                        | O   | P   | P  | P                                      | N                                      | Stems codominant (minor); Crown dieback (minor)     |
| 70                    | Pinus strobus Eastern White Pine            | 18            | 1.8   | 2                  | Intermediate | Fair      | M                         | S   | P   | P  | P                                      | N                                      |   |
| 71                    | Picea abies Norway Spruce                   | 26            | 2.4   | 2                  | Suppressed   | Fair      | M                         | O   | P   | P  | P                                      | N                                      |   |
| 72                    | Pinus strobus Eastern White Pine            | 38            | 2.4   | 4                  | Suppressed   | Fair      | M                         | O   | P   | P  | P                                      | N                                      |   |
| 73                    | Picea abies Norway Spruce                   | 27            | 2.4   | 4                  | Intermediate | Fair      | M                         | O   | P   | P  | P                                      | N                                      |   |
| 74                    | Pinus strobus Eastern White Pine            | 26            | 2.4   | 2                  | Suppressed   | Fair      | M                         | O   | P   | P  | P                                      | N                                      |   |
| 75                    | Pinus strobus Eastern White Pine            | 21            | 2.4   | 3                  | Suppressed   | Fair      | M                         | S   | P   | R  | RD                                     | Y                                      |   |
| 76                    | Pinus strobus Eastern White Pine            | 18            | 1.8   | 2                  | Suppressed   | Fair      | M                         | S   | P   | R  | RD                                     | Y                                      |   |
| 77                    | Pinus strobus Eastern White Pine            | 34            | 2.4   | 4                  | Intermediate | Fair      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 78                    | Pinus strobus Eastern White Pine            | 28            | 2.4   | 2                  | Intermediate | Fair      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 79                    | Acer platanoides Norway Maple               | 21(11.12, 13) | 2.4   | 6                  | Co-Dominant  | Fair      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 80                    | Juglans nigra Black Walnut                  | 36(26.19, 16) | 2.4   | 8                  | Co-Dominant  | Fair      | M                         | P   | P   | R  | RD                                     | Y                                      | Included bark (severe)                              |
| 81                    | Juglans nigra Black Walnut                  | 22(16.15)     | 2.4   | 8                  | Co-Dominant  | Fair      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 82                    | Acer platanoides Norway Maple               | 13            | 1.8   | 4                  | Intermediate | Good      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 83                    | Pyrus io Pear                               | 13            | 1.8   | 3                  | Dominant     | Fair      | M                         | P   | P   | R  | RD                                     | Y                                      | Trunk lean (moderate)                               |
| 84                    | Fraxinus pennsylvanica Green Ash            | 52(42.31)     | 3.6   | 14                 | Co-Dominant  | Poor      | L                         | P   | R   | R  | RCD                                    | N                                      | EAB symptoms (severe); Bird feeder dead and leaning |
| 85                    | Malus sp. Apple species                     | 24(14.12, 15) | 2.4   | 6                  | Intermediate | Fair      | ML                        | P   | P   | R  | RD                                     | Y                                      |   |
| 86                    | Acer negundo Manitoba Maple                 | 11            | 1.8   | 4                  | Suppressed   | Fair      | ML                        | P   | P   | R  | RD                                     | Y                                      |   |
| 87                    | Acer negundo Manitoba Maple                 | 12(10.6)      | 1.8   | 3                  | Intermediate | Poor      | L                         | P   | R   | R  | RCD                                    | N                                      |   |
| 88                    | Acer negundo Manitoba Maple                 | 29(20.19, 10) | 2.4   | 6                  | Intermediate | Fair      | ML                        | P   | P   | R  | RD                                     | Y                                      |   |
| 89                    | Fraxinus pennsylvanica Green Ash            | 44            | 3.0   | 12                 | Co-Dominant  | Poor      | L                         | P   | R   | R  | RCD                                    | N                                      | Crown dieback (minor)                               |
| 90                    | Fraxinus americana White Ash                | 29            | 2.4   | 10                 | Suppressed   | Poor      | L                         | P   | R   | R  | RCD                                    | N                                      | Trunk wound (severe); EAB symptoms (moderate)       |
| 91                    | Fraxinus americana White Ash                | 62(47.41)     | 4.2   | 12                 | Intermediate | Fair      | L                         | P   | P   | R  | RD                                     | Y                                      | Deadwood (moderate); EAB symptoms (moderate)        |
| 92                    | Fraxinus americana White Ash                | 31            | 2.4   | 4                  | Suppressed   | Dead      | L                         | P   | R   | R  | RCD                                    | N                                      | Dead  |
| 93                    | Fraxinus americana White Ash                | 29(15.25)     | 2.4   | 8                  | Suppressed   | Fair      | L                         | P   | P   | R  | RD                                     | Y                                      |   |
| 94                    | Fraxinus americana White Ash                | 40            | 2.4   | 12                 | Intermediate | Poor      | L                         | P   | R   | R  | RCD                                    | N                                      | Crown dieback (moderate); sweep with decay (severe) |
| 95                    | Fraxinus americana White Ash                | 59(44.40)     | 3.6   | 12                 | Intermediate | Fair      | L                         | P   | P   | R  | RD                                     | Y                                      | Crown dieback (moderate); included bark (severe)    |
| 96                    | Fraxinus americana White Ash                | 52            | 3.6   | 10                 | Intermediate | Poor      | L                         | P   | R   | R  | RCD                                    | N                                      | EAB suspected; Crown dieback (moderate)             |
| 97                    | Picea abies Norway Spruce                   | 35            | 2.4   | 6                  | Intermediate | Good      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 98                    | Pinus sylvestris Scots Pine                 | 23            | 2.4   | 6                  | Intermediate | Fair      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 99                    | Picea abies Norway Spruce                   | 41            | 3.0   | 8                  | Co-Dominant  | Good      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 100                   | Acer platanoides Norway Maple               | 11            | 1.8   | 2                  | Dominant     | Poor      | L                         | P   | R   | R  | RCD                                    | N                                      |   |
| 101                   | Malus sp. Apple species                     | 10            | 1.8   | 3                  | Co-Dominant  | Fair      | ML                        | P   | P   | R  | RD                                     | Y                                      |   |
| 102                   | Malus sp. Apple species                     | 14            | 1.8   | 3                  | Intermediate | Fair      | ML                        | P   | P   | R  | RD                                     | Y                                      |   |
| 103                   | Acer saccharum ssp. saccharum Sugar Maple   | 30            | 2.4   | 8                  | Co-Dominant  | Good      | MH                        | P   | P   | R  | RD                                     | Y                                      |   |
| 104                   | Acer saccharum ssp. saccharum Sugar Maple   | 90            | 5.4   | 14                 | Co-Dominant  | Fair      | M                         | P   | P   | R  | RD                                     | Y                                      | Deadwood (moderate)                                 |
| 105                   | Acer saccharum ssp. saccharum Sugar Maple   | 37            | 2.4   | 9                  | Co-Dominant  | Good      | MH                        | P   | P   | R  | RD                                     | Y                                      |   |
| 106                   | Pinus strobus Eastern White Pine            | 10            | 1.8   | 2                  | Dominant     | Good      | MH                        | P   | P   | R  | RD                                     | Y                                      |   |
| 107                   | Picea abies Norway Spruce                   | 14            | 1.8   | 2                  | Intermediate | Good      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 108                   | Picea abies Norway Spruce                   | 18(12.13)     | 1.8   | 2                  | Intermediate | Fair      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 109                   | Picea glauca White Spruce                   | 11            | 1.8   | 2                  | Intermediate | Good      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 110                   | Picea pungens 'Glauca' Colorado Blue Spruce | 13            | 1.8   | 3                  | Intermediate | Good      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 111                   | Picea pungens 'Glauca' Colorado Blue Spruce | 10            | 1.8   | 2                  | Suppressed   | Good      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 112                   | Picea pungens 'Glauca' Colorado Blue Spruce | 11            | 1.8   | 2                  | Intermediate | Good      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 113                   | Picea pungens 'Glauca' Colorado Blue Spruce | 12            | 1.8   | 2                  | Intermediate | Good      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 114                   | Picea pungens 'Glauca' Colorado Blue Spruce | 12            | 1.8   | 2                  | Intermediate | Good      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 115                   | Picea abies Norway Spruce                   | 14            | 1.8   | 3                  | Co-Dominant  | Good      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 116                   | Picea pungens 'Glauca' Colorado Blue Spruce | 12            | 1.8   | 3                  | Intermediate | Good      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 117                   | Juglans nigra Black Walnut                  | 14            | 1.8   | 4                  | Co-Dominant  | Good      | M                         | P   | P   | R  | RD                                     | Y                                      |   |
| 118                   | Acer platanoides Norway Maple               | 46            | 3.0   | 12                 | Co-Dominant  | Good      | M                         | P   | P   | R  | RD                                     |  |   |



## TREE PRESERVATION NOTES

- All dimensions are in metres.
- Tree removals will be undertaken in compliance with the Migratory Birds Convention Act. Efforts will be made to remove vegetation outside the General Nesting period (April 1 - Aug 31) for regions C1 and C2 of Ontario. In the event vegetation must be removed within the General Nesting Period, a qualified avian biologist is to review the site prior to removal to ensure compliance with the Migratory Birds Convention Act.
- Contractor shall verify all conditions in the field and report any discrepancies to the Project Arborist prior to commencement of work.
- All utilities not necessarily shown on this plan, Aboud & Associates assumes no responsibility for the accuracy of any utilities on this plan.
- Erect tree protection fence prior to the commencement of any construction or grading, maintain tree protection barrier throughout entire duration of the work.
- Project Arborist to notify Municipality for tree protection fence inspection prior to commencement of construction or grading work.
- Any soils and vegetation within tree protection zone damaged by the Contractor shall be restored to the satisfaction of the Municipality by the Contractor at no additional cost to the Owner.
- Prune and mitigate limbs and roots damaged by construction work in accordance with ANSI A300 (Part 1) - 2008 Pruning and the Best Management Practices companion publication (revised 2008).
- Final action for offsite trees recommended for preservation or removal to be determined by individual landowners subject to the approval of the Municipality.

## SHARED TREE REMOVAL CONSENT

In addition to the municipal by-laws, it is required by law in the province of Ontario to obtain the consent of any boundary tree owned prior to injuring or removing that tree. Paragraph 10 of the Forestry Act, R.S.O. 1990, c. F.26 states that:

- (2) Every tree whose trunk is growing on the boundary between adjoining lands is the common property of the owners of the adjoining lands. 1998, c. 18, Sched. 1, s. 21.
- (3) Every person who injures or destroys a tree growing on the boundary between adjoining lands without the consent of the land owners is guilty of an offence under this Act. 1998, c. 18, Sched. 1, s. 21.

## TREE INVENTORY AND ASSESSMENT TABLE SUMMARY

**DBH (cm):** Diameter at breast height, 1.4 m above ground, measured in centimeters.  
Numbers in square brackets [x, xx, ...] denotes the DBH's of each stem of tree with multiple stems.

**Crown Diameter (meters):** Diameter of tree canopy estimated in meters.

**Minimum Tree Protection Zone (MTPZ):** The minimum setback required to maintain the structural integrity of the tree's anchor roots, based on generally accepted arboricultural principles. If trees are protected to the TPZ then the tree's anchor root structure is expected to be maintained. Protection zone distances from Township of Centre Wellington's Draft Public Forest Policy (October 2017).

**Crown Class:** Related to relative stature of tree and canopy exposure

- Dominant** - Emergent canopy (receives full sunlight)
- Co-dominant** - Not fully emergent (top of canopy receiving sunlight)
- Intermediate** - Sub-canopy tree (receiving partial sunlight)
- Suppressed** - Completely overtopped (receiving very limited sunlight)

**Overall Condition:** Related to defects in a tree's structure, (i.e., lean, co-dominant trunks).

- E (Excellent)** - Balanced, full crown; limbs and branches well-spaced; moderate to high vigour. No structural defects; biologically healthy with no diseases / disease symptoms; no crown dieback
- G (Good)** - Full crown with small, incomplete sections; limbs and branches mostly well-spaced; moderate vigour. Presence of very minor structural defects and/or very minor diseases / disease symptoms; very minor dieback (<10%)
- F (Fair)** - Crown not full or with large incomplete sections; some limbs and branches missing and/or not well spaced; moderate to poor vigour. Presence of minor structural defects and/or minor diseases / disease symptoms; moderate dieback (10-30%)
- P (Poor)** - Crown severely unbalanced or with very reduced (<30%) live crown; many limbs and branches missing; severely poor vigour. Presence of major structural defects and/or presence of major diseases / disease symptoms; severe dieback (>30%)
- D (Dead)** - No leaves or no buds, fine branchlets/twigs missing or dried out and brittle, bark peeling off, limbs or branches fallen off, decay present and may be extensive

**Constraint to Development:** Related to the provenance, condition, size and fecundity of a tree. Trees with more ecologically beneficial traits should be prioritized for preservation, and should be considered a constraint to the development.

- H (High)** - Native tree, in "Good" or better Overall Condition that is large and has produced viable offspring.
- M (Moderate)** - Native tree in "Fair" Overall Condition that is of moderate size and may produce viable offspring, or small, vigorous native tree, or large, non-native tree in "Good" or better Overall Condition.
- L (Low)** - Any tree that is small (i.e., < 10 cm DBH) and in "Fair" or worse Overall Condition.

**Ownership:**

- Private (On-site) Tree:** Tree trunk located completely within the boundary of the subject property.
- Off-site Tree:** Tree trunk located on private property completely outside of the property boundary of the subject property.
- Municipal Tree:** Tree is located on the property of the municipality/region, e.g., within Right-of-Way.
- Shared Tree:** Tree located on property boundary of the subject property and adjacent private or public property.

**Recommended Action:** A recommendation of the following three categories is assigned to preserve or remove a tree:

- The tree's current biological health and structural condition
- The anticipated impacts from proposed development
- The summary of the previous two categories. Note: Only trees having a recommendation of preserve for both health and structure, and impacts from the proposed development are assigned a final recommendation of preserve.

**P (Preserve)** - Tree typically has a Biological Health rating of Moderate Low or higher AND a Structural Condition rating of Moderate Low or higher, AND is likely to survive impact from the proposed development (if present). The tree is likely to survive for at least 5 to 10 years.

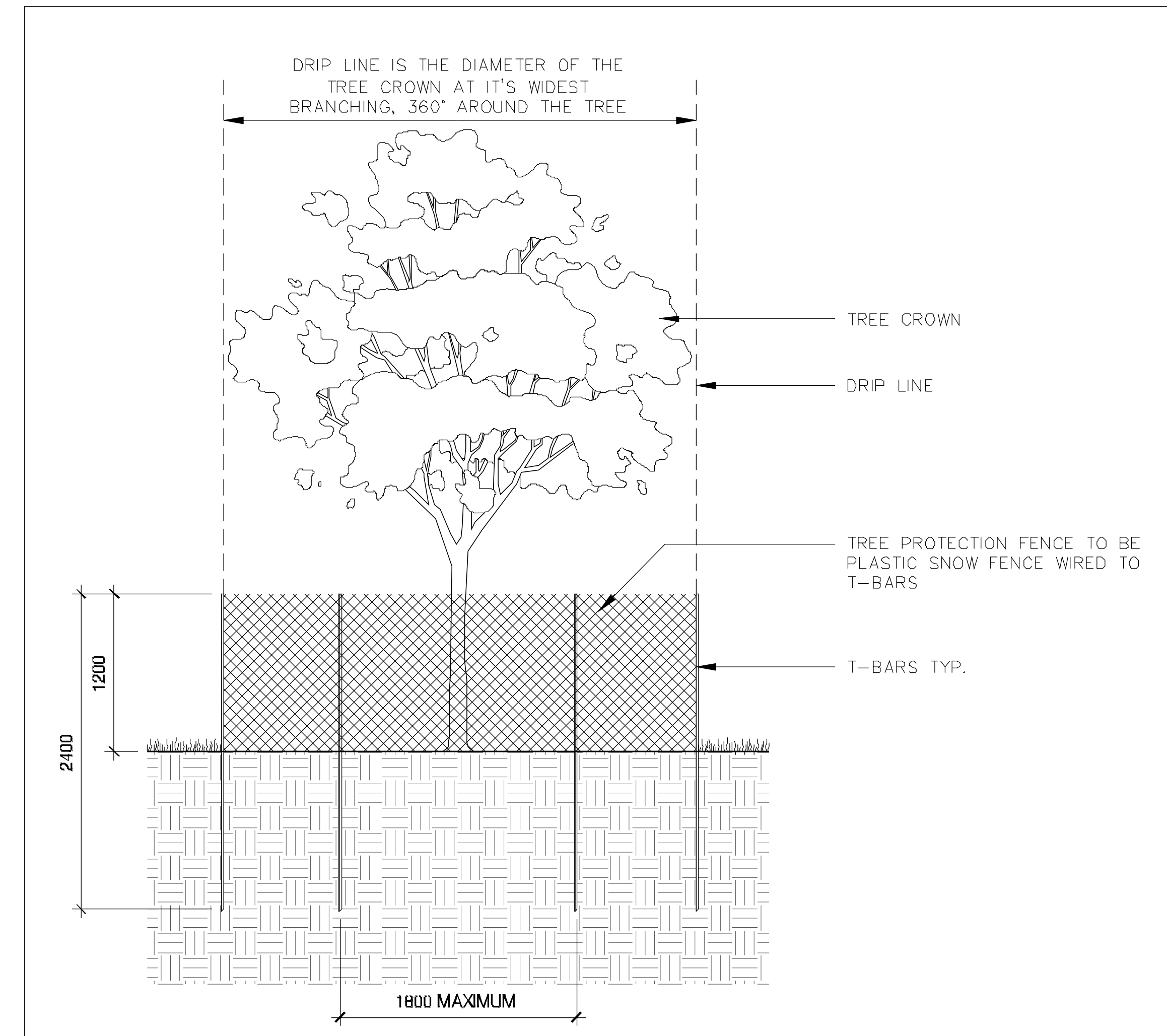
**R (Remove)** - Tree typically has a Biological Health rating of Low, AND/OR a Structural Condition rating of Low, AND/OR will not survive the proposed development impacts (if present). The tree is not likely to survive more than 3 to 5 years.

**T (Transplant)** - The following conditions must be met for a tree to be transplantable as determined by the Project Arborist: 1) tree is of a size, condition and type suitable for transplant, 2) adequate equipment access, 3) recipient planting site available, 4) seasonality and weather conditions are suitable, 5) commitment to provide on-going post-transplant care and maintenance.

**Compensation Required:**

The Township of Centre Wellington uses the following procedures for replacement of removed trees (from Public Forest Policy draft, October 2017).

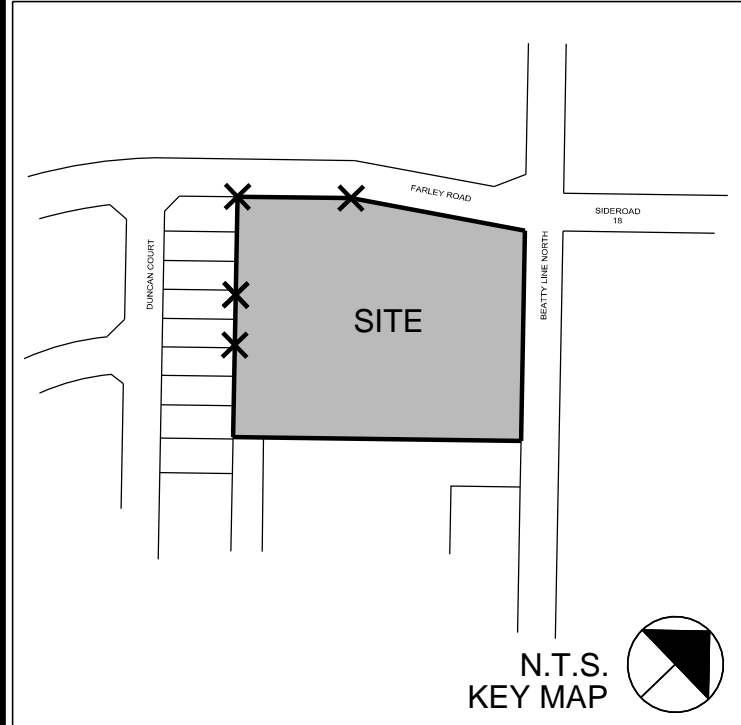
- Any municipal trees removed will be replaced by the next planting season.
- For every tree removed, 2 trees will be planted. Replacement trees may be planted in different locations depending on available space and whether the original location will allow them to thrive.
- Staff must approve proposed tree planting locations, which may include Township boulevards, Storm Water Management Pond landscaped areas or other areas zoned "Environmental Protection".



## NOTES

- All dimensions shown are in millimetres
- this detail does not represent any particular tree species
- no construction activity, grade change, surface treatment, compaction, excavation or stockpiling of any kind is permitted within the protected area.

1 TREE PROTECTION FENCE DETAIL  
TPP3 N.T.S.



LEGEND:

## INFORMATION SOURCES

- Site Plan dated June 18, 2018 obtained from Astrid J. Clos Planning Consultants. T:519.846.2201.
- Topographic Survey dated March 5, 2018 by Van Harten Surveying Inc. T:519.669.5070
- Tree information collected by Aboud & Associates Inc. on May 31 and June 1, 2018 T:519.822.6839

| No. | Description          | By  | Date      |
|-----|----------------------|-----|-----------|
| 0   | Rezoning Application | MGN | 03 JUL-18 |

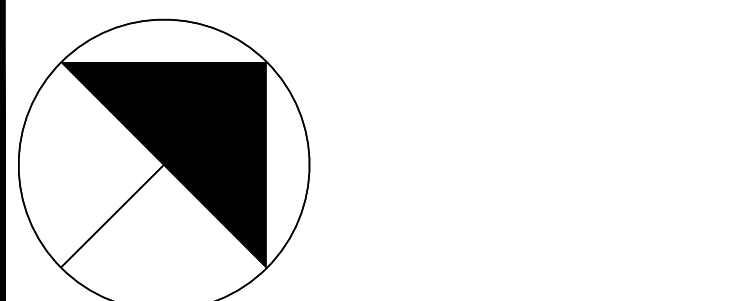
REVISIONS: All previous issues of this drawing are superceded



Title:  
**TREE PRESERVATION  
DETAILS**

Project:  
**6552-6558 BEATTY LINE  
TOWNSHIP OF CENTRE WELLINGTON (FERGUS)  
JENNAK HOMES**

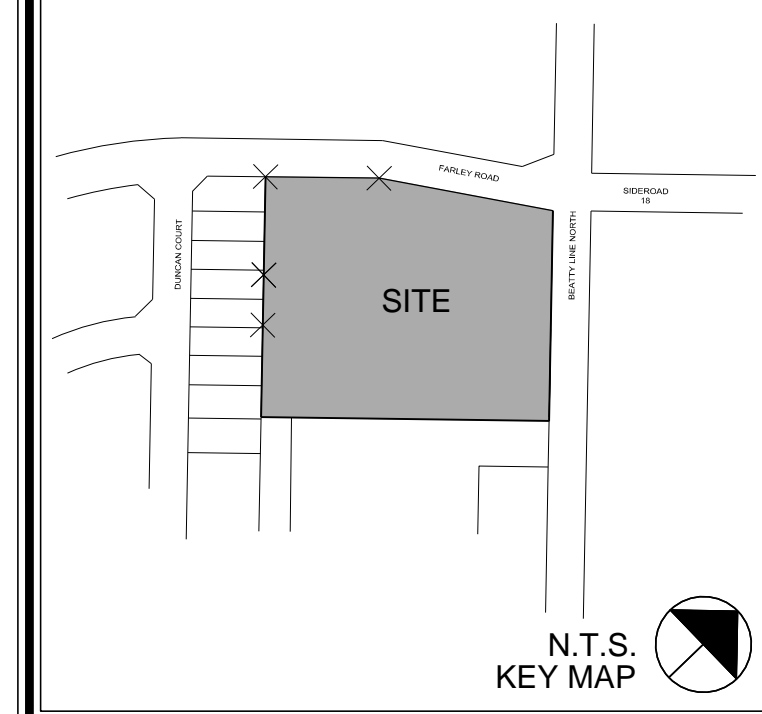
Date: JUNE 2018 Designer: JD/MGN  
Project: AA18-030A Drawn: MGN  
Scale: 1:300 Checked: MGN



Drawing No:  
**TPP3**



DRAWING: 6552-6558 BEATTY LINE TREE REPLACEMENT PLAN 2018-06-25.DWG CTR: 04/06/2018 10:57 AM



- LEGEND:**
- PROPOSED DECIDUOUS TREES
  - QTY  
SPE PLANT KEY
  - EXISTING TREE TO REMAIN

- INFORMATION SOURCES**
- Site Plan dated June 18, 2018 obtained from Astrid J. Clos Planning Consultants. T:519.846.2201.
  - Topographic Survey dated March 5, 2018 by Van Harten Surveying Inc. T:519.669.5070
  - Tree information collected by Aboud & Associates Inc. on May 31 and June 1, 2018 T:519.822.6839

|     |                      |     |           |
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| No. | Description          | By  | Date      |

**REVISIONS:**

All previous issues of this drawing are superceded

**ABOUT & ASSOCIATES INC.**  
 Consulting Arborists • Ecologists • Landscape Architects  
 190 Niclén Road, Guelph, Ontario, N1H 7J5, 519.822.6839 • www.abouding.com

**TREE REPLACEMENT PLAN**

Project:  
**6552-6558 BEATTY LINE**  
 TOWNSHIP OF CENTRE WELLINGTON (FERGUS)  
 JENNAK HOMES

Date: JUNE 2018 Designer: JD/MGN  
 Project: AA18-030A Drawn: MGN  
 Scale: 1:300 Checked: MGN

Drawing No: **L1**

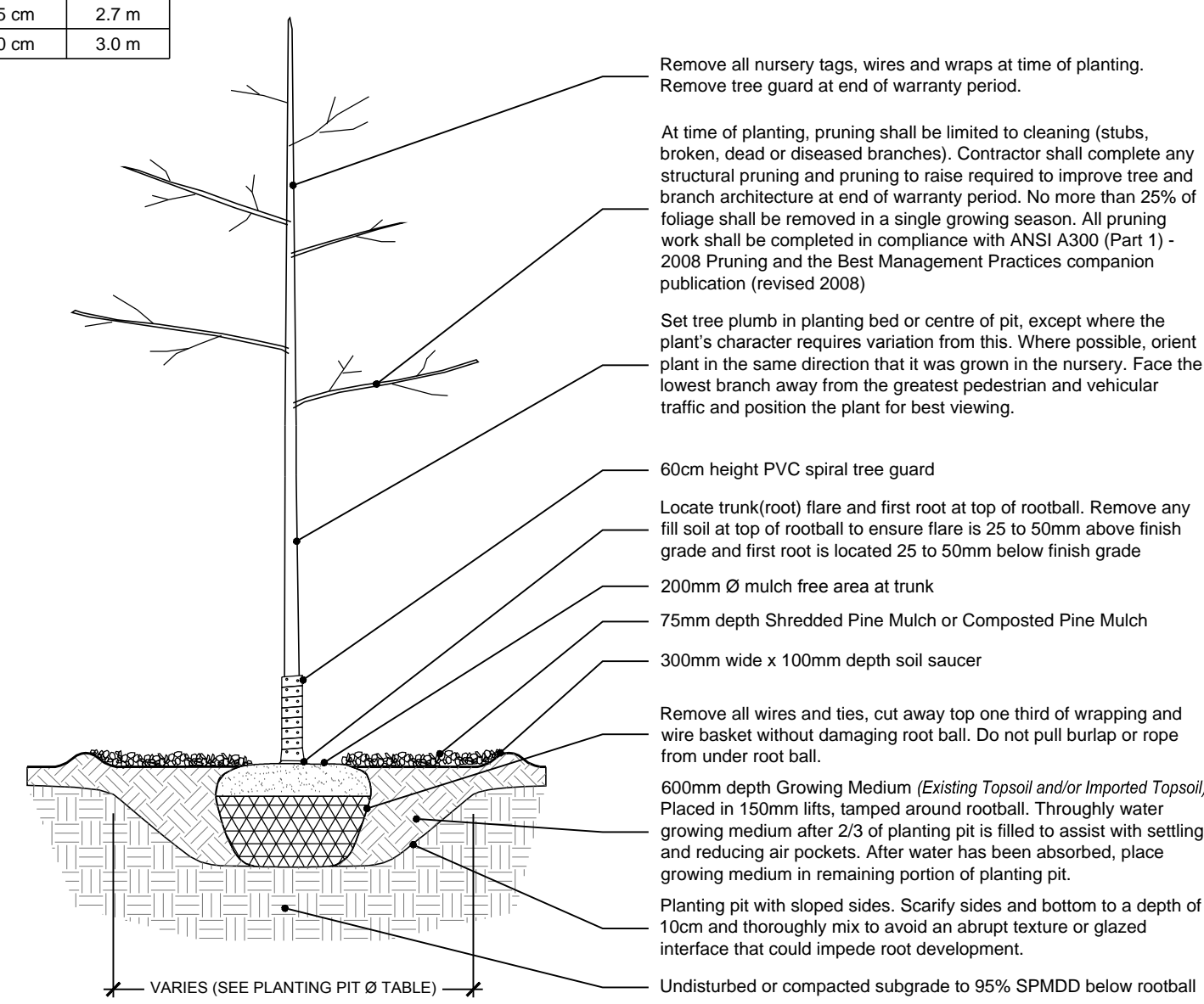
**PLANT LIST**

| KEY          | QTY | BOTANICAL NAME                    | COMMON NAME               | SIZE      | TYPE | SPACING  |
|--------------|-----|-----------------------------------|---------------------------|-----------|------|----------|
| <b>TREES</b> |     |                                   |                           |           |      |          |
| AS           | 7   | ACER SACCHARUM                    | SUGAR MAPLE               | 60 MM CAL | WB   | AS SHOWN |
| AR           | 8   | ACER RUBRUM                       | RED MAPLE                 | 60 MM CAL | WB   | AS SHOWN |
| CO           | 15  | CELTIS OCCIDENTALIS               | COMMON HACKBERRY          | 60 MM CAL | WB   | AS SHOWN |
| LT           | 7   | LIRIODENDRON TULIPIFERA           | TULIP TREE                | 60 MM CAL | WB   | AS SHOWN |
| PA           | 10  | PLATANUS X ACERIFOLIA 'BLOODGOOD' | LONDON PLANE TREE         | 60 MM CAL | WB   | AS SHOWN |
| QB           | 7   | QUERCUS BICOLOR                   | SWAMP WHITE OAK           | 60 MM CAL | WB   | AS SHOWN |
| QM           | 10  | QUERCUS MACROCARPA                | BUR OAK                   | 60 MM CAL | WB   | AS SHOWN |
| TA           | 4   | TILLIA AMERICANA 'BOULEVARD'      | BASSWOOD                  | 60 MM CAL | WB   | AS SHOWN |
| UA           | 10  | ULMUS AMERICANA 'VALLEY FORGE'    | VALLEY FORGE AMERICAN ELM | 60 MM CAL | WB   | AS SHOWN |
|              | 78  | TOTAL TREES                       |                           |           |      |          |



| Caliper | Rootball Ø | Min. Pit Ø |
|---------|------------|------------|
| 40 mm   | 50 cm      | 1.8 m      |
| 50 mm   | 60 cm      | 2.1 m      |
| 60 mm   | 70 cm      | 2.4 m      |
| 70 mm   | 75 cm      | 2.7 m      |
| 80 mm   | 80 cm      | 3.0 m      |

Plant Characteristics, Rootballs, Rootball Standards including minimum rootball diameters, Harvesting Practices, Transplanting, Unloading, Handling/Protection, Scheduling, Watering/Irrigation, Digging of Plants and Preparing Roots prior to planting in accordance with the Section 9 of the Canadian Landscape Standard. Do not perform work under adverse field conditions such as frozen soil, excessively wet soil or soil covered with snow, ice, or standing water. Contractor to supply all required water during planting and maintenance work. TREE SUPPORTS ARE NOT REQUIRED AS PART OF THIS CONTRACT. IF THE CONTRACTOR DETERMINES TREE SUPPORTS ARE NECESSARY BASED ON SITE CONDITIONS, LANDSCAPE ARCHITECT TO PROVIDE DETAILS FOR SUPPORTS AND TIES.



1  
L2 TYPICAL DECIDUOUS TREE PLANTING DETAIL  
N.T.S.

- Base information sources:
  - Topographic Survey dated 2018-03-05 prepared by Van Harten Surveying Inc.
  - Grading and Servicing Plan dated 20xx-xx-xx prepared by Van Harten Surveying Inc.
- All dimensions are in metric unless otherwise noted.
- Do not scale drawings. Dimensions are to be verified on site by Contractor prior to commencement of the work.
- These plans shall be read in conjunction with all details, notes, reports, written specifications, general conditions, any supplemental conditions and agreement which form the contract documents.
- These drawings shall not be used for construction purposes unless noted as "Issued for Construction" and signed by the Landscape Architect or Professional Engineer.
- Contractor shall review all drawings and verify actual field conditions to determine the total scope of work and all required coordination prior to submission of bids and commencement of the work. Report any discrepancies to the Landscape Architect, for action to the satisfaction of the Owner.
- Contractor shall locate all underground, at grade and overhead utilities prior to commencement of the work. All utilities not necessarily shown on these drawings. Aboud & Associates assumes no responsibility for the accuracy of any utilities shown in these drawings.
- Contractor shall perform all work in accordance with the most current Ontario Building Code, Occupational Health and Safety Act and its regulations, as well as local municipal codes, regulations and by-laws.
- Contractor shall identify the location of all internal/external construction access routes, parking and storage of materials in conformance with project erosion and sediment control plans for acceptance by the Owner. Construction, maintenance and removal/restoration of access, parking and storage facilities shall be included in the Contractor's bid price.
- Contractor proposed substitution of materials and products shall be submitted in writing for review by Landscape Architect and acceptance by Owner and Municipality.
- Material quantities on drawings shall take precedent over those in lists and schedules.
- Where traffic control is necessary, Contractor shall use the guideline of the Construction Safety Association of Ontario, municipal by-laws, the Highway Traffic Act and the Ontario Traffic Manual (Book 7). The cost of preparing, obtaining approvals and implementing traffic control plans shall be included in the Contractor's bid price, unless otherwise noted.
- Contractor shall erect temporary barriers, as required, to secure the work area. Contractor shall maintain temporary barriers in good repair and remove at the end of the work.
- Contractor shall provide layout and grade staking, for general review for conformance by Landscape Architect and acceptance by Owner. Where the work occurs within 1 meter of a property boundary, layout and staking shall be completed by an Ontario Land Surveyor. The cost of layout and grade staking, as well as the services of an Ontario Land Surveyor, shall be included in the Contractor's bid price, unless otherwise noted.
- Contractor is responsible for protecting and/or reinstating site elements indicated in these drawings.
- Contractor is responsible for restoration of adjacent surfaces and existing site elements damaged by the Contractor in the performance of the work, including but not limited to roads, driveways, playground equipment, utilities, buildings, curbs, sidewalks, retaining walls, fencing, turf, flowers and woody vegetation. Restoration work shall be performed by the Contractor at no cost to the Owner and be completed in conformance with applicable Provincial, Municipal or Agency standards and requirements, to the satisfaction of the Owner/Agency of the damaged element.
- Where new paving or earthwork meets existing, smoothly blend line and grade of existing with new.
- Test existing topsoil to be reused as growing medium on site in accordance with:
  - Top Soil Basic Package (by SGS Laboratories or approved equal testing facility) Testing the following properties: Texture (%sand, %silt, %clay), total salts, pH, buffer pH, phosphorus, potassium, magnesium, calcium, cation exchange capacity, chloride, sodium, sodium absorption ratio, organic matter. Written recommendations for amendments.
  - The cost to amend existing topsoil to be reused shall be paid for by the Owner.
- Contractor shall provide imported topsoil test results (using analysis requirements for existing topsoil) prior to delivery to place of work, for each source.
- Plants specified on these plans are to be in accordance with the Canadian Nursery Landscape Association Canadian Standards for Nursery Stock from the Canadian Landscape Standard, current edition.
  - Only nursery grown plants will be accepted.
  - Landscape Architect reserves the right to reject any plant material not in conformance with the standard, displaying life-threatening, poor growth habits, injury, disease or not true to name. Contractor shall remove rejected plants from the site immediately and replace at no additional cost to the Owner.
- Proposed plants which come over or under any utility shall be relocated by the Contractor for review by the Landscape Architect, to the satisfaction of the utility provider.
- All work and materials are to be warranted by the Contractor for twenty-four (24) months from date of initial acceptance of all items by Municipal Staff and Project Landscape Architect.
  - The Contractor shall perform maintenance, as described in these drawings for all the installed trees, shrubs, grasses and seeding during the warranty period.

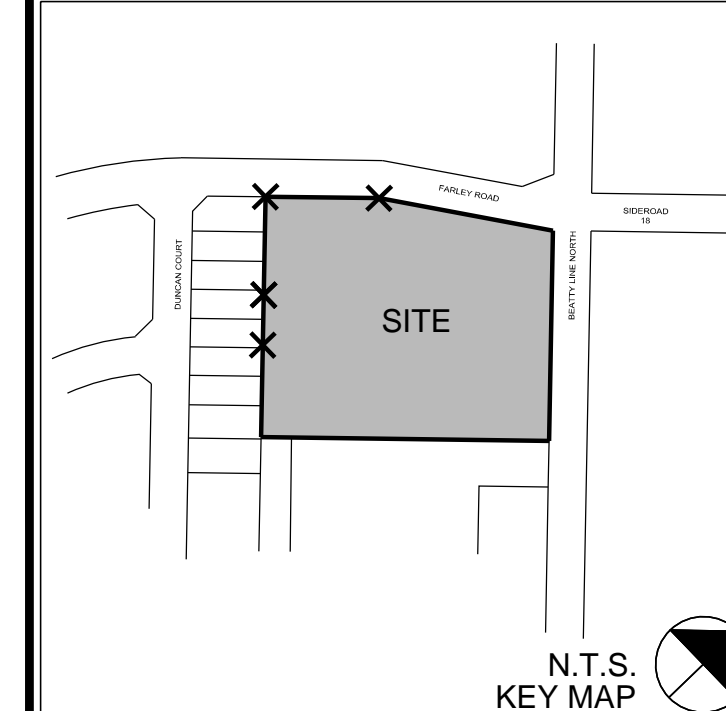
OR

  - The Owner shall provide maintenance as described in these drawings for all installed trees, shrubs, grasses and seeding during the warranty period.

GENERAL LANDSCAPE NOTES  
N.T.S.

- |  |  |
|--|--|
| <ol style="list-style-type: none"> <li>Perform following maintenance operations from time of planting to end of warranty period two (2) years following substantial performance of the work.           <ol style="list-style-type: none"> <li>Water to maintain soil moisture conditions for optimum establishment, growth and health of plant material without causing erosion. In a typical loam soil, optimum soil moisture in planting beds at root depth is 65% of field capacity. Guidelines during a typical growing season are as follows:               <ol style="list-style-type: none"> <li>Deep root water newly planted plants once per week for the first three weeks, such that the water penetrates to a minimum depth of 300mm.</li> <li>Deep root or surface water trees and shrubs a minimum of every ten (10) days between May 15 and September 15.</li> <li>Deep root or surface water trees and shrubs a minimum of every twenty-one (21) days between September 15 and freeze up.</li> <li>Water evergreen plants thoroughly in late fall prior to freeze up to saturate soil around root system.</li> </ol> </li> <li>Soil moisture to be monitored throughout the growing season:               <ol style="list-style-type: none"> <li>Watering schedule to be increased when plant materials are reaching the permanent wilting point.</li> <li>Watering schedule to be reduced when a sufficient volume of rainfall has penetrated the soil fully as required.</li> </ol> </li> <li>Replace or respread damaged, missing or disturbed mulch.</li> <li>If required to control insects, fungus and disease, use appropriate control methods in accordance with Federal, Provincial and Municipal regulations. Obtain product approval from Consultant prior to application.</li> </ol> </li> </ol> | <ol style="list-style-type: none"> <li>Control outbreaks of perennial weeds as directed by Consultant, and annual weeds by mechanical or chemical means utilizing acceptable integrated pest management practices to meet acceptance/success targets.           <ol style="list-style-type: none"> <li>If chemical means are used, comply with all municipal, provincial, and federal legislation and regulations.</li> </ol> </li> <li>Remove dead or broken branches from plant material using clean sharp horticultural tools using current arboricultural practices.</li> <li>Keep trunk protection and guy wires in proper repair and adjustment.</li> <li>Provide adequate protection from winter, wind and rodent damage.</li> <li>Remove and replace dead plants and plants not in healthy growing condition. Make replacements in same manner as specified for original plantings, unless otherwise directed by Consultant.</li> <li>Remove trunk protection, tree supports and level watering saucers at end of warranty period, unless otherwise directed by Consultant.</li> <li>Submit monthly written reports in during the growing season (April - September) to Consultant identifying:           <ol style="list-style-type: none"> <li>Maintenance work carried out.</li> <li>Watering method, quantity of water used, water source.</li> <li>General development and condition of plant material.</li> <li>Preventative or corrective measures required which are outside Contractor's responsibility.</li> </ol> </li> </ol> |
|--|--|

GENERAL MAINTENANCE DURING ESTABLISHMENT/WARRANTY PERIOD NOTES  
N.T.S.



LEGEND:

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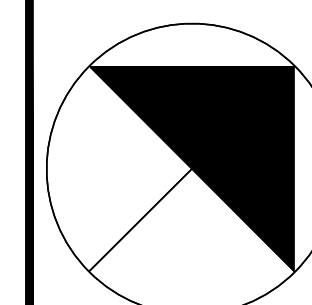
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### TREE REPLACEMENT DETAILS

Project:  
**6552-6558 BEATTY LINE**  
TOWNSHIP OF CENTRE WELLINGTON (FERGUS)  
JENNAK HOMES

Date: JUNE 2018 Designer: JD/MGN  
Project: AA18-030A Drawn: MGN  
Scale: 1:300 Checked: MGN



Drawing No:

**L2**