

TOWN OF OAKVILLE CANOPY CALCULATION CHART

| | |
|----------------------|-----------------------------------|
| FILE NUMBER: | |
| FILE NAME: | Oakville Ravine Towns |
| CANOPY COVER TARGET: | 20% based on residential land use |

| Tree # | Species | Stature (S, M, L) | Soil Volume Per Tree (m3) | Crown Cover Area | Canopy Cover Area |
|--------------------------------|---------------------|-------------------|---------------------------|------------------|-------------------|
| Proposed Canopy On Site | | | | | |
| 1 | Maidenhair Tree | L | 51.6 | 154.0 | 154.0 |
| 2 | Valley Forge Elm | L | 51.6 | 154.0 | 87.6 |
| 3 | Valley Forge Elm | L | 51.6 | 154.0 | 88.3 |
| 4 | Valley Forge Elm | L | 48.5 | 154.0 | 87.7 |
| 5 | Maidenhair Tree | L | 48.5 | 154.0 | 153.9 |
| 6 | Maidenhair Tree | L | 31.5 | 154.0 | 87.6 |
| 7 | Sugar Maple | L | 31.5 | 154.0 | 87.6 |
| 8 | Sugar Maple | L | 31.5 | 154.0 | 154.0 |
| 9 | Red Oak | L | 49.9 | 154.0 | 73.1 |
| 10 | American Beech | L | 30.2 | 154.0 | 154.0 |
| 11 | Sugar Maple | L | 30.2 | 154.0 | 88.5 |
| 12 | Red Oak | L | 30.2 | 154.0 | 97.4 |
| 13 | Valley Forge Elm | L | 36.5 | 154.0 | 108.6 |
| 14 | Red Oak | L | 36.5 | 154.0 | 66.0 |
| 15 | American Beech | L | 36.5 | 154.0 | 59.2 |
| 16 | Red Oak | L | 36.5 | 154.0 | 154.0 |
| 17 | Pyramid White Cedar | S | 30.1 | 7.0 | 0.6 |
| 18 | Pyramid White Cedar | S | 30.1 | 7.0 | 7.0 |
| 19 | Pyramid White Cedar | S | 30.1 | 7.0 | 7.0 |
| 20 | Pyramid White Cedar | S | 30.1 | 7.0 | 7.0 |
| 21 | Pyramid White Cedar | S | 30.1 | 7.0 | 0.5 |
| 22 | American Beech | L | 59.5 | 154.0 | 154.0 |
| 23 | American Beech | L | 59.5 | 154.0 | 92.9 |
| 24 | Sugar Maple | L | 59.5 | 154.0 | 95.0 |
| 25 | Sugar Maple | L | 59.5 | 154.0 | 91.7 |
| Subtotal of proposed canopy | | | | | 2157.2 |

| Existing Canopy On Site | | | | | |
|-----------------------------------|-----------------------------|---|--------|-------|--------|
| 1110 - 1129 | Norway Spruce (x19) | M | > 30.0 | 78.5 | 243.3 |
| 1130 & 1131 | Norway Spruce (x2) | M | > 30.0 | 78.5 | 42.2 |
| 1134 & 1135 | Norway Spruce (x2) | M | > 30.0 | 78.5 | 21.0 |
| 1136, 2238, 1139 | Norway Spruce (x3) | M | 30.0 | 78.5 | 60.1 |
| 1167 | Magnolia | L | 55.7 | 154.0 | 11.8 |
| 1168 | Austrian Pine | M | 55.7 | 78.5 | 42.3 |
| 1170 | Norway Spruce | M | 55.7 | 78.5 | 42.3 |
| 1172 | Sugar Maple | L | 120.0 | 154.0 | 84.1 |
| 1173 | Red Oak | L | 120.0 | 154.0 | 47.3 |
| 1175 | Ironwood | L | 120.0 | 154.0 | 29.8 |
| 1179 | Red Oak | L | 120.0 | 154.0 | 201.1 |
| 1192-1232 | Norway Spruce (x40) | M | 21.3 | 78.5 | 539.9 |
| 1247 | Silver Maple | L | 53.1 | 154.0 | 47.3 |
| 1254 | Eastern White Cedar | M | 33.4 | 78.5 | 32.9 |
| 1258 | Eastern White Cedar | M | 36.8 | 78.5 | 21 |
| 1268 | Apple spp. | M | 47.5 | 78.5 | 21.0 |
| 1269 | Apple spp. | M | 47.5 | 78.5 | 21.0 |
| 1279 | Paper Birch | M | 55.7 | 78.5 | 259.5 |
| 1280 | American Beech | L | 67.2 | 154.0 | 106.5 |
| 1281 | Eastern White Cedar | M | 30.0 | 78.5 | 21.0 |
| 1285 & 1286 | Douglas Fir & Austrian Pine | M | 30.0 | 78.5 | 40.9 |
| P9 | Eastern White Cedar (x14) | M | 206.0 | 78.5 | 95 |
| Subtotal of existing canopy | | | | | 2031.3 |
| multiplied by bonus factor of 1.5 | | | | | 3047.0 |

| Existing Canopy Overhanging Site | | | | | |
|---|-------------|---|--|-------|-----|
| B | Sugar Maple | L | | 154.0 | 1.4 |
| Subtotal of overhanging canopy | | | | | 1.4 |

| | |
|-------------------------|--------------------------|
| Total # of Trees | Total Canopy Area |
| 122 | 5,205.6 |

| | |
|------------------------------|---------|
| Canopy Summary | |
| Site Area (m2) | 14,930* |
| Site Canopy Cover | 34.87% |
| Land use Canopy Cover Target | 20.00% |

* SITE AREA CALCULATED TO EDGE OF LONG TERM STABLE SLOPE. REMAINING SITE AREA EXISTS AS A DENSELY VEGETATED NATURAL HERITAGE FEATURE AND WILL REMAIN UNTOUCHED.

NOTE: TREE #s FOR EXISTING TREES CORRESPOND TO THE INVENTORIED TREES IN THE ARBORIST REPORT.

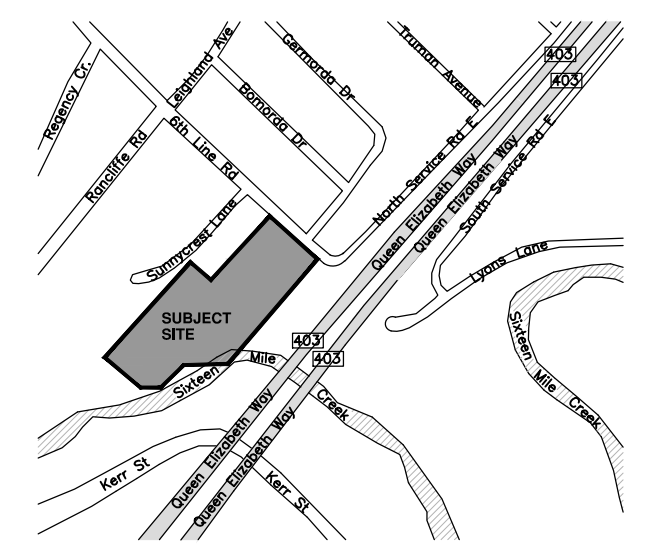
EXISTING CANOPY NOTE :

REPRESENTED CANOPY SIZES AND LOCATIONS OF EXISTING TREES ON PLAN OF EXISTING TREES ARE BASED ON THE INVENTORY CONDUCTED FOR THE ARBORIST REPORT PREPARED BY KUNTZ FORESTRY CONSULTING INC. DATED AUGUST 26, 2022 (PROJ NO. P3294).

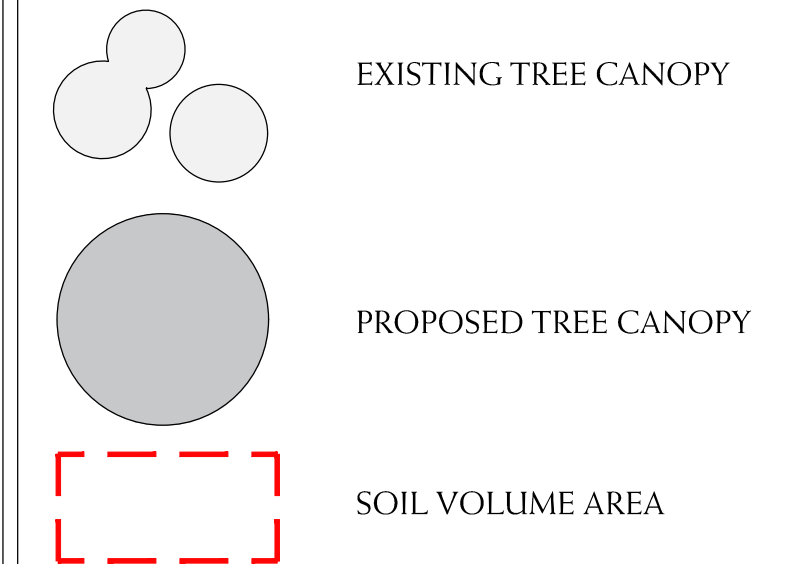
PROPOSED TREE CANOPY NOTE :

PROPOSED TREES WITHOUT ACCESS TO MIN. 30m³ OF HIGH QUALITY PLANTING SOIL HAVE NOT BEEN INCLUDED IN THE CANOPY CALCULATIONS.

KEY MAP



LEGEND



BASE INFORMATION OBTAINED ELECTRONICALLY FROM OP DESIGN INC. (JOB NO. 2015-02, TEL. 647-404-1370)

| | | | |
|-----|-------------|--|--------|
| 2a. | MAY 18 2023 | CANOPY COVERAGE PLAN ISSUED FOR SUBMISSION | AV |
| 2. | NOV 9 2022 | ISSUED FOR SUBMISSION | EK/ KM |
| 1. | OCT 3 2016 | ISSUED FOR RE-ZONING | EK |
| no. | date | version | by |

All information hereon to be checked and verified at the site and any discrepancies must be reported to and clarified by the landscape architect before commencing work. All drawings, specifications, details, digital information, etc., prepared by the landscape architect are instruments of service and as such are his property and must be returned at his request.

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project
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 OAKVILLE, ONTARIO
 DUNPAR DEVELOPMENTS INC.

CANOPY COVERAGE PLAN

| | | | |
|-----------|---------------|-------------|--------------------|
| date | JULY 15, 2015 | drawn | BF |
| scale* | 1:500 | file | 3042 C1 R2a-230518 |
| direction | | project no. | 3042 |
| | | sheet no. | C-1 |

*NOTED SCALE IS APPLICABLE ONLY WHEN PRINTED ON ARCH D (34"x36") SIZE SHEET

