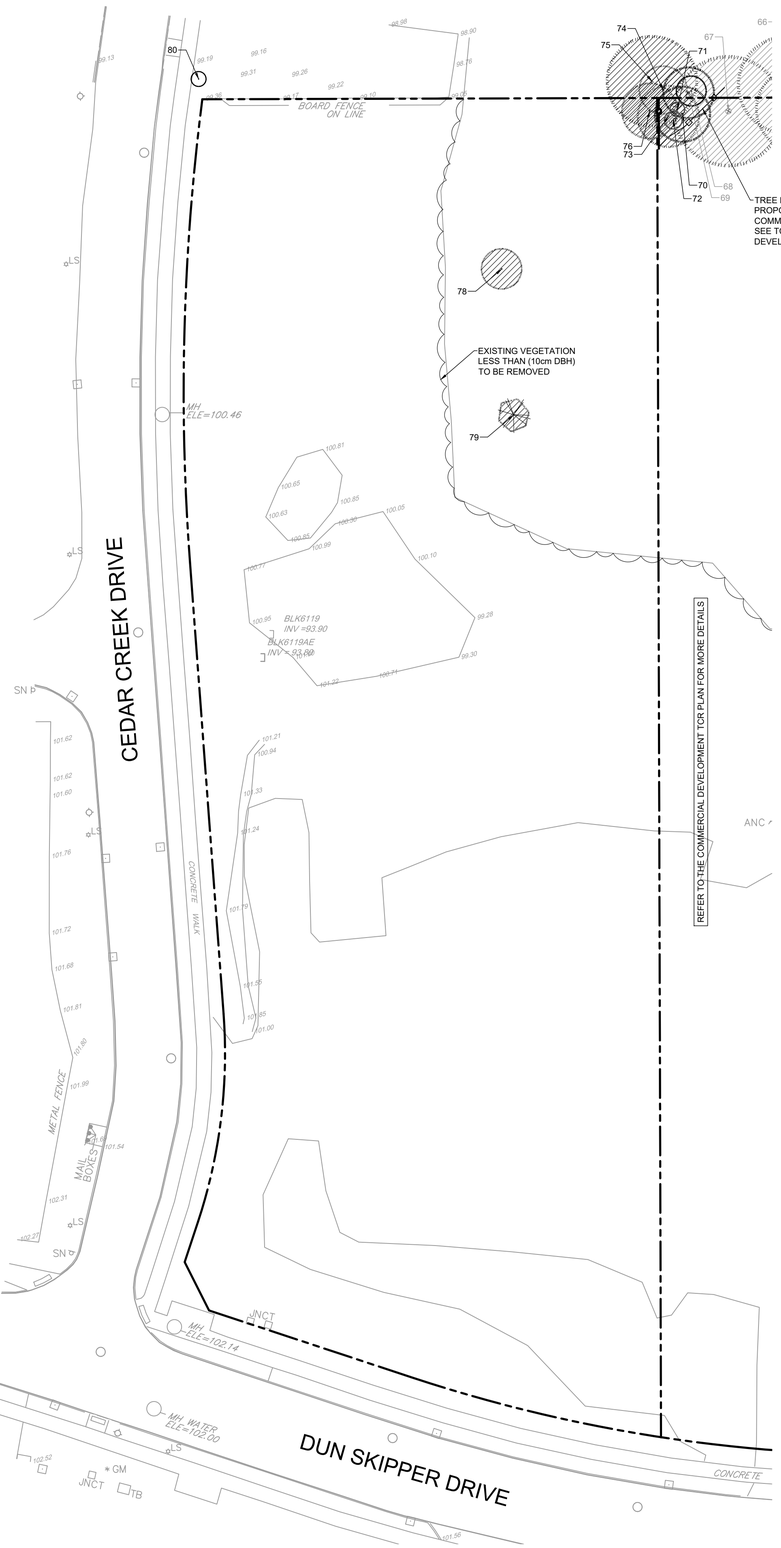
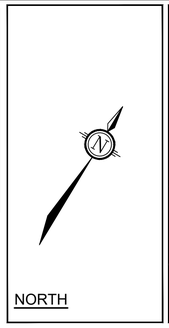
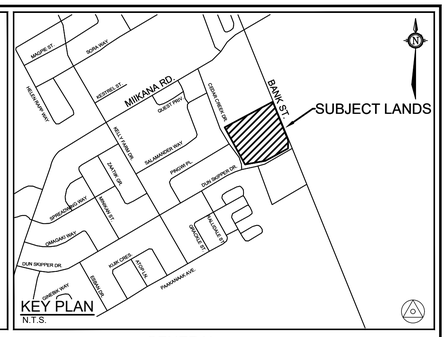



| No. | Botanical Name | Common Name | DBH (cm) | CRZ (m) | Condition | Owner | Remarks | Recomm. |
|---|---|---|---|---|---|---|---|---|
| 70 | *Ulmus americana* | White Elm | 37.0 | 3.70 | F | Owner | bow in trunk, | PROTECT |
| 71 | *Acer saccharum* | Sugar Maple | 10.0 | 1.00 | F | Owner | intertwined with dead tree | PROTECT |
| 72 | *Acer saccharum* | Sugar Maple | 12.0 | 1.20 | G | Owner | | PROTECT |
| 73 | *Acer saccharum* | Sugar Maple | 41.0 | 4.10 | P | Owner | Twin trunk, rot, dead tree fallen between two trunks, split trunks | Remove |
| 74 | *Acer saccharum* | Sugar Maple | 32.0 | 3.20 | G | Neighbour | | **Conflict** |
| 75 | *Ulmus americana* | White Elm | 60.0 | 6.00 | F | Neighbour | Minor splitting | **Conflict** |
| 76 | *Acer saccharum* | Sugar Maple | 37.0 | 3.70 | G | Owner | | **Conflict** |
| 78 | *Acer saccharum* | Sugar Maple | 27.0 | 2.70 | G | Owner | | **Conflict** |
| 79 | *Thuja sp.* | Cedar | 20.0 | 2.00 | G | Owner | | **Conflict** |
| 80 | *Quercus rubra* | Red Oak | 10.0 | 1.00 | G | City | | PROTECT |

| Legend | | | |
|---|---|---|---|
| G | Good | **Conflict** | Remove due to conflict with construction. |
| F | Fair | Remove | Remove due to tree helath or invasive status. |
| P | Poor | PROTECT | Protect trees as per contract details and specifications. |
| VP | Very Poor | | |




## LEGEND

3-D1 — DETAIL SHEET #, EG. L1, L2, ETC. — NOVATECH OR CITY DETAIL NUMBER SEE LIST FOR CODE

PROPERTY LIMIT

EXISTING TREE TO REMAIN, SYMBOL SIZE REFLECTS CRZ

EXISTING TREE TO REMOVE, SYMBOL SIZE REFLECTS CRZ

TREE PROTECTION FENCE FOR RESIDENTIAL DEVELOPMENT

TREE PROTECTION FENCE FOR COMMERCIAL DEVELOPMENT (BY OTHERS)

EXISTING VEGETATION WITH DBH LESS THAN 10cm

## GENERAL

1. Read and interpret this drawing/ drawing set in conjunction with all the contract details and specifications, including related civil, utility, structural, architectural, mechanical, electrical, environmental, geotechnical, and survey information.
2. The Contractor is to determine the exact location, size, material, and elevation of all existing utilities prior to commencing construction. Protect and assume responsibility for all existing utilities regardless of being shown on the drawings.
3. It is essential to use the plans and details in conjunction with the specifications and notes.
4. Do not scale drawings. Work to dimensions only.
5. Protect all existing and retained vegetation for the duration of construction according to the contract details and specifications.
6. Reinstate all areas and items damaged or disturbed, beyond the Limit of Work, because of construction activities, including but not limited to construction staging areas, haul roads, stockpile areas, etc. to the satisfaction of the Consultant. Unless otherwise noted, Contractor is to reinstate all areas to pre-construction condition or better to the satisfaction of the Contract Administrator.

## CONSTRUCTION

1. All general site information and conditions are compiled from Consultant field notes and plans provided by the Owner and are supplied for information purposes only. It is the responsibility of the Contractor to verify the accuracy of all the information obtained from this plan.
2. Together with all Subcontractors involved, the Contractor is to examine all surfaces or conditions relating to the work, in order to determine the acceptability of such surfaces or conditions for the work to commence. Notify the Contract Administrator in writing of conditions which could be detrimental to installation and do not commence work until instructed by the Contract Administrator. The commencement of work implies Contractor acceptance of the conditions.
3. Contractor to check and report any discrepancies before commencing work. No responsibility is borne by the Consultants for subsurface conditions.
4. Contractor to check and verify all dimensions and quantities on site and report any errors or omissions to the Consultant.
5. Contractor is responsible for all fees arising from the completion of works conveyed by these drawings, details, and specifications.
6. Carry out all construction in accordance with the most current provincial and municipal standards and specifications.
7. Contractor to coordinate all access and protect the public and users of the site with appropriate control fence and supervision throughout the construction period, to the satisfaction of the Consultant.
8. Contract Administrator is to approve access point(s) prior to mobilization.
9. A Contractor flagman is required to direct all deliveries of machinery or materials to the site.
10. Contractor to coordinate and schedule all work with other trades and contractors. Contractor is to notify Contract Administrator of any schedule difficulties.
11. Contractor responsible for the removal and off-site disposal of all materials as required to facilitate new construction. Store all items and materials identified by the Consultant for salvage at a location on site as identified by the Consultant. Excavate and remove from site any contaminated material. Dispose all contaminated material at a licensed landfill facility.
12. Maintain site in a clean and orderly state for the duration of construction; perform all work in accordance with the Occupational Health and Safety Act. Remove all excess materials, packaging, and debris from the site.
13. Contractor is responsible to take all necessary measures to control dust on the project site and to the satisfaction of the Contract Administrator.
14. Contractor is responsible for all layout for construction purposes.
15. Contractor is to protect all iron bars. Replace any disturbed bars by Owner at the Contractor expense.
16. The Contractor is to notify the Contract Administrator upon completion of the required works to schedule an inspection for acceptance.

## TREE PROTECTION

Implement the following protection measures for retained trees, both on site and on adjacent sites, prior to any work activity, including tree removal. Maintain tree protection fence in place and in good condition for the duration of site works:

1. The Landscape Architect or Certified Arborist is to determine the location of the tree protection fencing and detail it on any associated plans for the site (e.g. tree conservation report, tree disclosure report, etc.).
2. Under the guidance of a Landscape Architect or Certified Arborist, erect a fence at the critical root zone (CRZ) of trees. Diameter at breast height (DBH) is the trunk diameter measured at 1.3m height on the tree trunk. The CRZ is calculated as DBH x 10. Refer to the Tree Protection Fence detail.
3. Refer to the Tree Protection Plan for fence location. City Forestry Staff are to approve both the plan and the installed fence prior to work commencement.
4. Do not place any material or equipment within 2m of the CRZ of any tree, including outhouses.
5. Do not attach any signs, notices, or posters to any tree.
6. Do not disturb, raise, or lower the existing grade within the CRZ without approval.
7. Only tunnel or bore when digging within the CRZ of a tree. Hand work only where required within the CRZ; absolutely no machinery permitted.
8. Do not damage the root system, trunk, or branches, or any tree.
9. Do not extend hard surface or significantly change landscaping.
10. Ensure that exhaust fumes from all equipment are directed away from any tree canopy.
11. When trees marked for removal overlap with the CRZ of trees marked for preservation: cut roots at the edge of the CRZ and grind down stumps after tree removals, do not pull out stumps. Ensure there is not root pulling or disturbance of the ground within the CRZ.
12. Prior to work taking place, notify and consult the Landscape Architect and City Forestry Staff if roots must be cut. Roots 20mm or larger should be cut at right angles with clean, sharp horticultural tools without tearing, crushing, or pulling. Refer to City of Ottawa Specification S.P. F-8011 Tree Protection, Excavation of Root Zone.
13. If damaged or objectionable branches are observed, consult the Landscape Architect, before any work is conducted. Do not prune leaders. Do not prune more than 1/4 of crown.
14. Set up a water and fertilizing program, if trees are being affected by site works, to the satisfaction of the Landscape Architect.
15. The Landscape Architect is to prescribe mitigation measures if the protected fenced area must be reduced to facilitate construction. Measures may include the placement of plywood, wood chips, or steel plating over the roots for protection. City Forestry Staff are to approve said measures prior to fence movement.
16. City of Ottawa By-law: Protects municipal trees and municipal natural areas in the City of Ottawa and trees on private property in the urban area of the City of Ottawa (2020-340).

## CITY DETAILS

Related details from City of Ottawa Standard Tender Documents Volume No. 2 Standard Detail Drawings.

F7. Tree Preservation Protection Fence

NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

Owner:
Bank & Dun Developments Inc,
c/o Paul Paglialunga
209 Wicksteed Avenue, Suite 30
Toronto, ON, M4G 0B1
Phone: (416) 335-0090

DISCLAIMER:
The elements on this plan illustrate the design intent and general constructability of the proposed landscape which will support the associated development. This is to demonstrate how the canopy cover, urban design, health, and climate change objectives of the Official Plan will be met through tree planting and site design. This drawing is for City review only and is not intended for construction. Final detailed design and construction documentation is to be provided with certified 'Issued for Construction' drawings and specifications prior to construction.

| No. | REVISION | DATE | BY |
|---|---|---|---|
| 2. | REVISED PER CITY COMMENTS | APR 11/25 | SC |
| 1. | ISSUED FOR SPC APPLICATION | JAN 17/25 | SC |

SCALE: 1:400 (1:400, 0 4 8 12 16)

DESIGN: TCB
CHECKED: SC
DRAWN: TCB
CHECKED: SC
APPROVED: RGJ

**FOR REVIEW ONLY**

ASSOCIATION OF LANDSCAPE ARCHITECTS ONTARIO — D. SCOTT COLWELL — OALA MEMBER — APR 11, 2025

NOVATECH
Engineers, Planners & Landscape Architects
Suite 200, 240 Michael Cowpland Drive
Ottawa, Ontario, Canada K2M 1P6
Telephone (613) 254-9643
Facsimile (613) 254-5867
Website www.novatech-eng.com

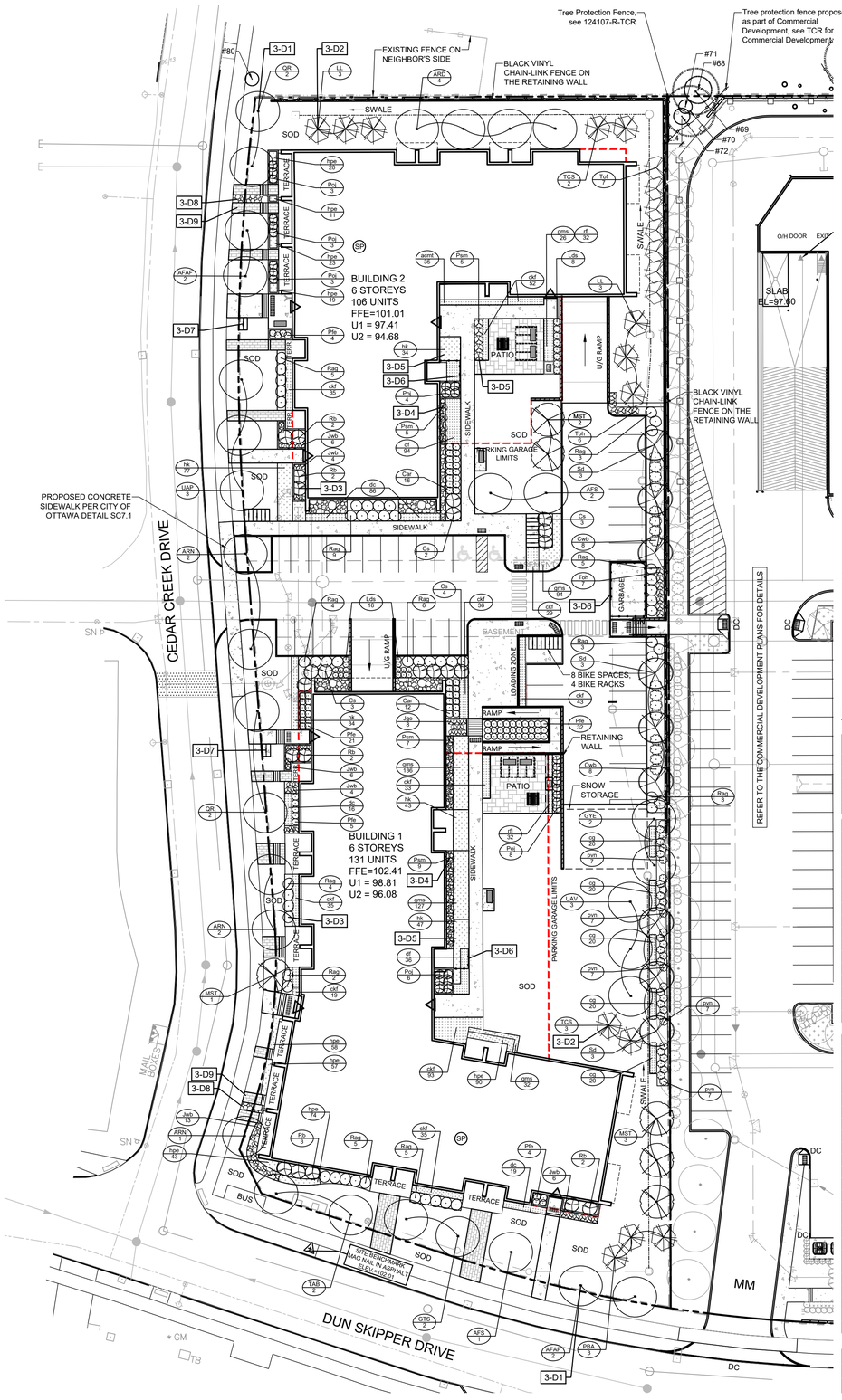
LOCATION
CITY OF OTTAWA
150 DUN SKIPPER DRIVE - RESIDENTIAL DEVELOPMENT

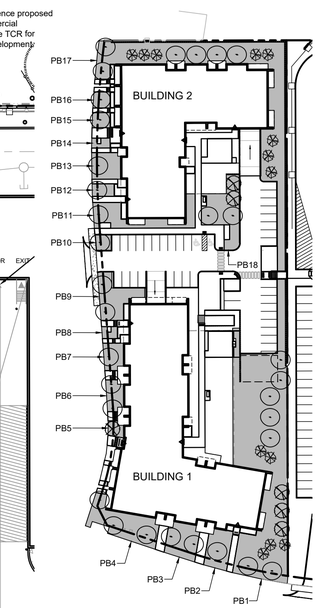
DRAWING NAME
TREE CONSERVATION PLAN

PROJECT No. 124107
REV REV # 2
DRAWING No. 124107-R-TCR

M:\2024\124107\CAD\Landscape\Residential\124107_TCR-Resi.dwg, TCR-Residential, Apr 11, 2025 - 12:35pm, tbarkele

PLANAT.DWG - 841mmx594mm




## SOIL VOLUME FIGURE
NOT TO SCALE

## SOIL AVAILABILITY CALCULATIONS :

| Planting bed no. | Available Soil Area (sq m) | Available Soil Volume (cu m) | No. of trees proposed | | | | Total No. of trees | Min. required Soil volume total (cu m) |
|---|---|---|---|---|---|---|---|---|
| | | | Small/ Column (25m³) | Medium (30m³) | Large (35m³) | Evergreen (30m³) | | |
| Planting bed 1 | 1185.2 | 1,185.2 | 3 | | 7 | 5 | 15 | 395.0 |
| Planting bed 2 | 94.9 | 94.9 | | | 1 | | 1 | 35.0 |
| Planting bed 3 | 113.6 | 113.6 | | | 2 | | 2 | 60.0 |
| Planting bed 4 | 198.4 | 198.4 | | | 3 | | 3 | 90.0 |
| Planting bed 5 | 25.0 | 25.0 | 1 | | | | 1 | 25.0 |
| Planting bed 6 | 55.4 | 55.4 | | 2 | | | 2 | 50.0 |
| Planting bed 7 | 56.4 | 56.4 | | | 1 | | 1 | 35.0 |
| Planting bed 8 | 17.4 | 17.4 | | | | | 0 | 0.0 |
| Planting bed 9 | 130.4 | 130.4 | | 1 | 1 | | 2 | 55.0 |
| Planting bed 10 | 25.8 | 25.8 | | 1 | | | 1 | 30.0 |
| Planting bed 11 | 144.5 | 144.5 | | | 1 | | 1 | 35.0 |
| Planting bed 12 | 37.2 | 37.2 | | | 1 | | 1 | 35.0 |
| Planting bed 13 | 81.0 | 81.0 | | | 1 | | 1 | 35.0 |
| Planting bed 14 | 17.2 | 17.2 | | | | | 0 | 0.0 |
| Planting bed 15 | 28.6 | 28.6 | | 1 | | | 1 | 30.0 |
| Planting bed 16 | 28.4 | 28.4 | | | 1 | | 1 | 35.0 |
| Planting bed 17 | 743.4 | 743.4 | | | 6 | 8 | 14 | 380.0 |
| Planting bed 18 | 177.4 | 177.4 | 2 | 2 | | | 4 | 90.0 |

Note: For all planting beds proposed, the available soil depth is considered to be 1m.

## ESTIMATED CANOPY COVERAGE AT MATURITY

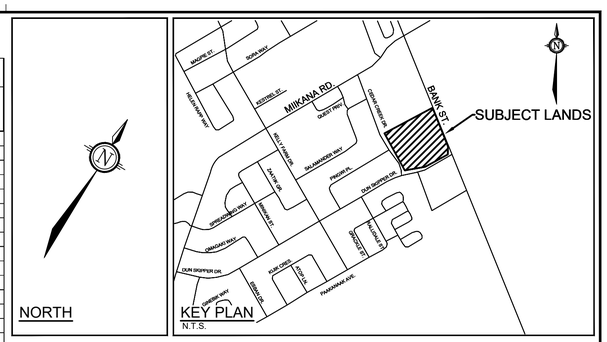
| SIZE OF TREE | AVERAGE MATURE SPREAD | CANOPY COVERAGE PER TREE (m2) | QUANTITY OF TREES | TOTAL CANOPY COVERAGE (m2) |
|---|---|---|---|---|
| Deciduous - Small/Column (<7.5m tall) | 7m | 38 | 5 | 190 |
| Deciduous - Medium (7.5-14m tall) | 10m | 79 | 5 | 393 |
| Deciduous - Large (14m+ tall) | 15m | 177 | 27 | 4771 |
| Coniferous | 5m | 20 | 13 | 255 |
| **PROPOSED TOTAL CANOPY COVERAGE (m2):** | | | | 5609 |
| **TOTAL SITE AREA (m2):** | | | | **10,010** |
| **EST. CANOPY COVERAGE (%):** | | | | **56%** |

Area of a circle = $(r \times r) \times \pi$
Canopy coverage per tree calculation: (average mature spread/2) x (average mature spread/2) x π

## PLANT LIST

| KEY | QTY | BOTANICAL NAME | COMMON NAME | SIZE | COND | SPACING | NATIVE STATUS |
|---|---|---|---|---|---|---|---|
| **Deciduous Trees (Right of Way)** | | | | | | | |
| ARN | 4 | *Acer rubrum 'Northwood'* | Northwood Red Maple | 50mm Cal | WB | As Shown | Nativar |
| MST | 1 | *Malus 'Sugar Tyme'* | Sugar Tyme Crabapple | 50mm Cal | WB | As Shown | Nativar |
| QR | 2 | *Quercus rubra* | Red Oak | 50mm Cal | WB | As Shown | Native |
| UAP | 2 | *Ulmus americana 'Princeton'* | Princeton Elm | 50mm Cal | WB | As Shown | Nativar |
| **Coniferous Trees** | | | | | | | |
| LL | 6 | *Larix laricina* | Tamarack | 200cm Ht | WB | As Shown | Native |
| PBA | 3 | *Pinus banksiana* | Jack Pine | 200cm Ht | WB | As Shown | Native |
| TCS | 4 | *Tsuga canadensis* | Eastern Hemlock | 200cm Ht | WB | As Shown | Native |
| **Deciduous Trees** | | | | | | | |
| ARD | 4 | *Acer rubrum 'Red Rocket'* | Red Rocket Red Maple | 50mm Cal | WB | As Shown | Nativar |
| ARN | 1 | *Acer rubrum 'Northwood'* | Northwood Red Maple | 50mm Cal | WB | As Shown | Nativar |
| AFAF | 4 | *Acer x freemanii 'Autumn Fantasy'* | Autumn Fantasy Maple | 50mm Cal | WB | As Shown | Nativar |
| AFS | 3 | *Acer x freemanii 'Sienna'* | Sienna Glen Maple | 50mm Cal | WB | As Shown | Nativar |
| GTS | 2 | *Gleditsia triacanthos var.inermis 'Shademaster'* | Shademaster Honeylocust | 50mm Cal | WB | As Shown | Nativar |
| GYE | 2 | *Gymnocladus dioicus 'Espresso-JFS'* | Espresso Kentucky Coffee Tree (Male) | 50mm Cal | WB | As Shown | Nativar |
| MST | 4 | *Malus 'Sugar Tyme'* | Sugar Tyme Crabapple | 50mm Cal | WB | As Shown | Nativar |
| QR | 2 | *Quercus rubra* | Red Oak | 50mm Cal | WB | As Shown | Native |
| TAB | 2 | *Tilia americana 'Boulevard'* | Boulevard Linden | 50mm Cal | WB | As Shown | Nativar |
| UAV | 3 | *Ulmus americana 'Valley Forge'* | Valley Forge Elm | 50mm Cal | WB | As Shown | Nativar |
| UAP | 1 | *Ulmus americana 'Princeton'* | Princeton Elm | 50mm Cal | WB | As Shown | Nativar |
| **Coniferous Shrubs** | | | | | | | |
| Psm | 26 | *Pinus mugo 'Slowmound'* | Slow mound Mugho Pine | 3g | PT | As Shown | Nativar |
| Jvb | 41 | *Juniperus horizontalis 'Wiltonii'* | Blue Rug Juniper | 30cm Spr | PT | As Shown | Nativar |
| Tof | 7 | *Thuja occidentalis 'Fastigiata'* | Pyramidal Cedar | 80cm3g | | As Shown | Nativar |
| Toh | 13 | *Thuja occidentalis 'Holmstrup'* | Holmstrup Cedar | 175cm Ht | PT | As Shown | Nativar |
| **Deciduous Shrubs** | | | | | | | |
| Car | 28 | *Clethra alnifolia 'Ruby Spice'* | Ruby Spice Summersweet | 50cm Ht | PT | 80cm O.C | Nativar |
| Cs | 12 | *Cornus sericea* | Red Osier Dogwood | 60cm Ht | PT | 200cm O.C | Native |
| Cwb | 16 | *Cornus sanguinea 'Winter Beauty'* | Winter Beauty Dogwood | 60cm Ht | PT | 140cm O.C | Nativar |
| Lds | 24 | *Lonicera x brownii 'Dropmore Scarlet'* | Dropmore Scarlet Honeysuckle | 2g | PT | As Shown | Nativar |
| Poj | 27 | *Physocarpus opulifolius 'JEFAM'* | Amber Jubilee Ninebark | 60cm Ht | PT | 100cm O.C | Nativar |
| Pfe | 68 | *Potentilla fruticosa 'Bella Bellissima' (HACHLISS)* | Bella Bellissima Potentilla | 40cm Ht | PT | As Shown | Non-native |
| Rag | 54 | *Rhus aromatica 'Gro-Low'* | Gro-Low Fragrant Sumac | 60cm Ht | PT | As Shown | Nativar |
| Rb | 11 | *Rosa blanda* | Meadow Rose | 60cm Ht | PT | As Shown | Native |
| Sd | 5 | *Salix discolor* | Pussy Willow | 60cm Ht | PT | As Shown | Native |
| **Perennials** | | | | | | | |
| acml | 35 | *Achillea millefolium 'Terra Cotta'* | Terra Cotta Yarrow | 1g | PT | 50cm O.C | |
| gms | 415 | *Geranium macrorrhizum 'Spessart'* | *Spessart Cranesbill* | 9cm | PT | 45cm O.C | Nativar |
| hk | 235 | *Hypericum kalmianum* | St. John's Wort/Pot Of Gold | 3g | PT | 60cm O.C | Native |
| hpe | 395 | *Heuchera micrantha 'Palace Purple'* | Palace Purple Coral Bells | 1g | PT | 30cm O.C | Non-native |
| rfl | 64 | *Rudbeckia fulgida 'Little Goldstar'* | Little Goldstar Black-Eyed Susan | 1g | PT | 40cm O.C | Nativar |
| **Ornamental Grasses** | | | | | | | |
| ckf | 410 | *Calamagrostis acutiflora 'Karl Foerster'* | Karl Foerster Feather Reed Grass | 1g | PT | 50cm O.C | Non-native |
| cg | 100 | *Carex gray* | Morning Star Sedge | 1g | PT | 50cm O.C | Native |
| dc | 121 | *Deschampsia cespitosa* | Tufted Hair Grass | 1g | PT | 60cm O.C | Native |
| df | 130 | *Deschampsia flexuosa* | Wavy Hair Grass | 1g | PT | 50cm O.C | Native |
| pvn | 35 | *Panicum virgatum 'Northwind'* | Northwind Switch Grass | 1g | PT | 90cm O.C | Nativar |

| Proposed Planting: Ownership | Total |
|---|---|
| Private | 41 |
| City-Owned | 9 |




## LEGEND

- 3-D1 — DETAIL SHEET # — EG. L1, L2, ETC. — NOVATECH OR CITY DETAIL NUMBER SEE LIST FOR CODE
- PROPERTY LIMIT
- PROPOSED CONCRETE
- PAVERS TYPE 1
- PAVERS TYPE 2
- RIVER STONE
- PROPOSED DECIDUOUS TREE
- PROPOSED CONIFEROUS TREE
- PROPOSED SHRUBS
- PERENNIALS
- ORNAMENTAL GRASSES
- KEY ## — SPECIES (SEE PLANT LIST) / QUANTITY
- RETAINING WALLS
- LANDSCAPE PLANTER WALLS
- PROPOSED WOOD PRIVACY FENCE
- PROPOSED CHAIN LINK FENCE
- TREE PROTECTION FENCE, SEE 124107-R-TCR
- TREE PROTECTION FENCE FOR COMMERCIAL DEVELOPMENT (BY OTHERS)
- BIKE RACKS, SEE DETAIL D6
- PICNIC BENCH
- SEATING
- BBQ — BBQ ON CONCRETE PAD
- BUILDING LINE
- OVERHANG
- LIMIT OF UNDERGROUND GARAGE

## GENERAL

1. Read and interpret this drawing/ drawing set in conjunction with all the contract details and specifications, including related civil, utility, structural, architectural, mechanical, electrical, environmental, geotechnical, and survey information.
2. The Contractor is to determine the exact location, size, material, and elevation of all existing utilities prior to commencing construction. Protect and assume responsibility for all existing utilities regardless of being shown on the drawings.
3. It is essential to use the plans and details in conjunction with the specifications and notes.
4. Do not scale drawings. Work to dimensions only.
5. Protect all existing and retained vegetation for the duration of construction according to the contract details and specifications.
6. Reinstate all areas and items damaged or disturbed, beyond the Limit of Work, because of construction activities, including but not limited to construction staging areas, haul roads, stockpile areas, etc. to the satisfaction of the Consultant. Unless otherwise noted, Contractor is to reinstate all areas to pre-construction condition or better to the satisfaction of the Contract Administrator.

## PLANTING

1. Plant material to be No. 1 Grade and is to comply with Canadian Standards for Nursery Stock (latest edition) published by the Canadian Nursery Landscape Association.
2. Use structurally sound plant material with strong fibrous root system free of disease, defects, and injuries. Use trees with straight trunks, well and characteristically branched for species. Obtain approval from consultant of plant material at source prior to digging. All trees and shrubs to be container grown, potted, W/B or B/B, as indicated on Plant List. Bare root plants are only acceptable for certain species and as approved by the Landscape Architect.
3. Plant material substitutions are not be permitted without the written approval from the Consultant, **with 48 hours notice**, prior to shipping plant material.
4. Plant locations are schematic / approximate only. **Contractor is to stake out locations on site for approval by the Landscape Architect prior to installation.**
5. The illustrated number of plants shown in the Planting Plan supersedes the estimated number in the Plant List. Contractor to report any discrepancies to the Landscape Architect prior to installation. Contractor will assume full responsibility if the Landscape Architect is not notified.
6. Ensure trees are thoroughly watered following planting. Monitor material and ensure adequate moisture until acceptance.
7. In heavy clay or poorly drained soils, set root ball with root collar 75-100mm higher than finished grade.
8. Approved topsoil depths are as follows:
   a. Plant Beds - **450mm** continuous depth. Applies to shrubs, perennials, vines, and groundcovers.
   b. Sod/ Seed Areas - **100mm** depth.
   c. Reforestation - **300mm** depth.
9. Sod to be No. 1 Kentucky Bluegrass Sod grown from minimum mixture of 3 Kentucky Bluegrass cultivars. Quality and source are to comply with Canadian Standards for Nursery Stock, Section 17, (latest edition) published by the Canadian Nursery Landscape Nursery Landscape Association.
10. Apply the following mineral fertilizer unless soil tests show other requirements:
    a. Plant Beds - (8-32-16), i.e. 8% Nitrogen, 32% Phosphorus, 16% Potash per manufacturer specifications.
    b. Sod Areas - (8-32-16), i.e. 8% Nitrogen, 32% Phosphorus, 16% Potash at a rate of 350kg/ha.
12. Where applicable, for any plant areas with a mix of species/ cultivars notes, Contractor is to cluster like plants in groups of 3-5 and evenly distribute these in the noted area.

## PRODUCT INFORMATION

Install products as per manufacturer specifications. Shop drawings required.

PAVER TYPE 1
Edge of pavers to receive edge restraint.
- Blu 60 Smooth by Techo-bloc
  Location: Patio Pavers
  Size: 60mm HD² - All sizes
  Pattern: Modular Pattern 01
  Colour: Greyed Nickel

PAVER TYPE 2
Edge of pavers to receive edge restraint.
- Westmount by Techo-Bloc
  Location: Walkway Pavers
  Pattern:Linear Pattern
  Colour: Shale Grey

PLANTER WALLS - TBD

SITE FURNITURE
Fasten all site furnishing to surface with stainless steel anti-vandal anchors.
- 200 Bike Racks by Maglin
  Product Number: MBR-0200-00005
  Mounting Type: Surface Mount
  Colour: Powdercoat Saffron Yellow RAL1017

## RAISED PLANTERS

1. Set plants in raised planters on a bed of heavily compacted growing medium, at the bottom, to eliminate settlement.
2. Backfill around the root ball with growing medium in 150mm lifts. Tamp and water each lift to eliminate air pockets or settlement.
3. Growing medium to be:
   a. 6 parts good quality topsoil
   b. 2 parts well rotted horse or cow manure
   c. 1 part peat moss
   d. 1 lb. bonemeal per cubic yard soil
4. Cover top of the planter surface with 75mm of shredded bark mulch.

## CITY DETAILS

Related details from City of Ottawa Standard Tender Documents Volume No. 2 Standard Detail Drawings.

SC4. Typical Concrete Sidewalk in Boulevard
SC5. Sidewalk Construction Joints

## NOVATECH DETAILS

Found on Sheet L2.

D1. Standard Deciduous Tree Planting
D2. Standard Coniferous Tree Planting
D3. Shrub and Perennial Planting
D4. Shrub and Perennial Planting with Granular
D5. Shrub and Perennial Planting on slab
D6. Wood Screen Detail
D7. Bike Layout
D8. River stone Detail
D9. Paving Detail

PRELIMINARY

NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.


**Owner:**
Bank & Dun Developments Inc,
c/o Paul Paglialunga
209 Wicksteed Avenue, Suite 30
Toronto, ON, M4G 0B1
Phone: (416) 335-0090

**Architect**
PMA Architects
3070 Chemin Des Quatre-Bourgeois,
Quebec, QC G1W 2K4
Phone: 418.651.8954

**Civil:**
Novetech Engineers, Planners & Landscape Architects,
240 Michael Cowpland Drive,
Ottawa, ON, K2M 1P6
Phone: 613.254.9643

**Surveyor:**
J.D. Barnes Ltd.
62 Steacie Drive, Suite 103
Kanata, ON K2K 2A9
Phone: 613.731.7244


DISCLAIMER:
The elements on this plan illustrate the design intent and general constructability of the proposed landscape which will support the associated development. This is to demonstrate how the canopy cover, urban design, health, and climate change objectives of the Official Plan will be met through tree planting and site design. This drawing is for City review only and is not intended for construction. Final detailed design and construction documentation is to be provided with certified 'Issued for Construction' drawings and specifications prior to construction.

| No. | REVISION | DATE | BY |
|---|---|---|---|
| 3. | REVISED AS PER CITY COMMENTS | APR 11/25 | SC |
| 2. | ISSUED FOR SPC APPLICATION | JAN 17/25 | SC |
| 1. | ISSUED FOR COORDINATION | JAN 13/25 | SC |

SCALE 1:400
1:400
0 4 8 12 16

DESIGN TCB
CHECKED SC
DRAWN TCB
CHECKED SC
APPROVED RGJ

**FOR REVIEW ONLY**

ASSOCIATION OF LANDSCAPE ARCHITECTS — D. SCOTT COWELL — OALA — MEMBER — APR 11, 2025


NOVATECH
Engineers, Planners & Landscape Architects
Suite 200, 240 Michael Cowpland Drive
Ottawa, Ontario, Canada K2M 1P6
Telephone (613) 254-9643
Facsimile (613) 254-5867
Website www.novatech-eng.com

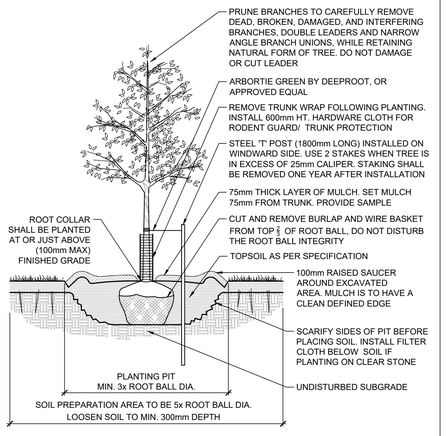

LOCATION
CITY OF OTTAWA
150 DUN SKIPPER DRIVE - RESIDENTIAL DEVELOPMENT

DRAWING NAME
LANDSCAPE PLAN

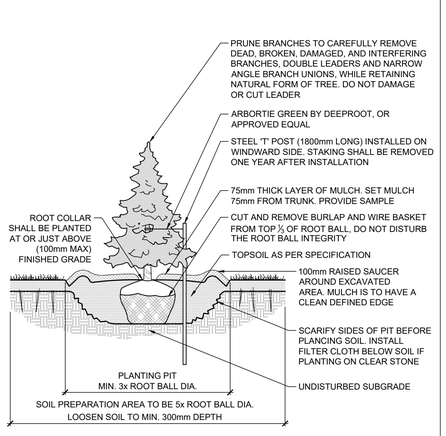
PROJECT No. 124107
REV REV # 3
DRAWING No. 124107-R-L1

M:\2024\124107\CAD\Landscape\Residential\124107_L-RES.dwg, L1 (steplan)-resi, Apr 11, 2025 - 11:47am, lbarkale

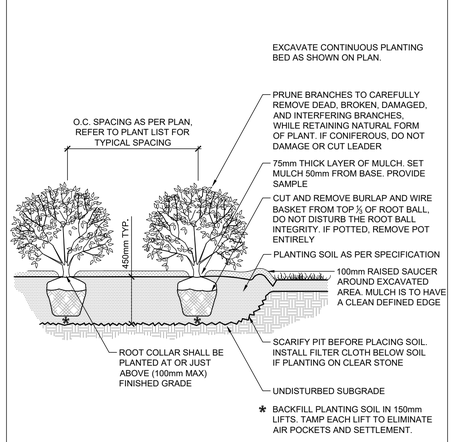
PLAN-1.DWG - 841mmx594mm



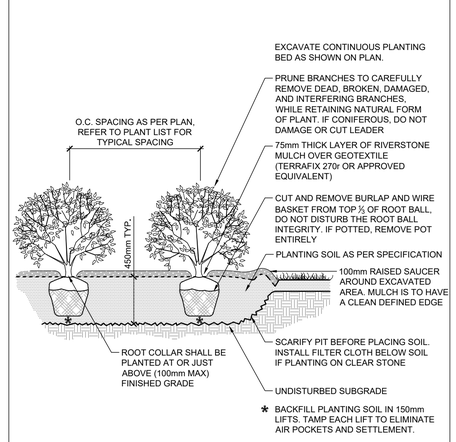

STANDARD DECIDUOUS TREE PLANTING | D1



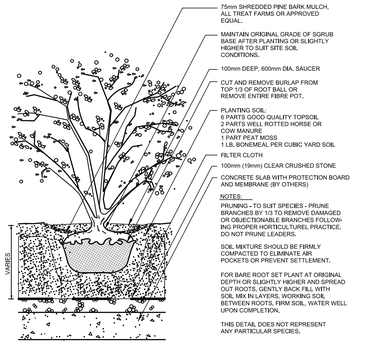

STANDARD CONIFEROUS TREE PLANTING | D2



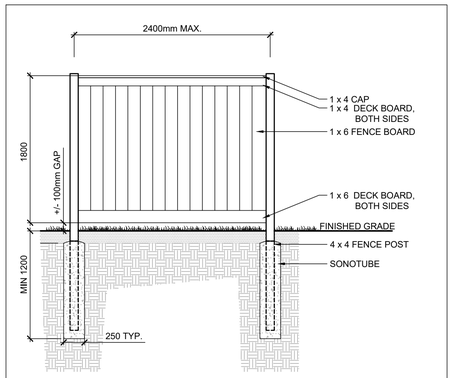

SHRUB AND PERENNIAL PLANTING | D3




SHRUB AND PERENNIAL PLANTING WITH RIVERSTONE | D4

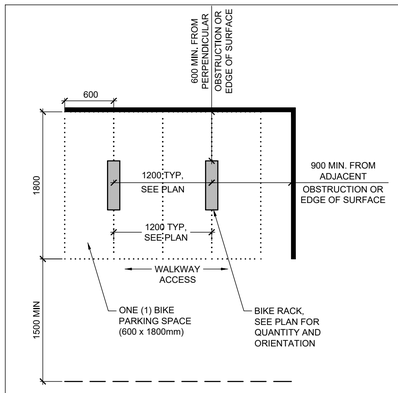



SHRUB AND PERENNIAL PLANTING ON SLAB | D5



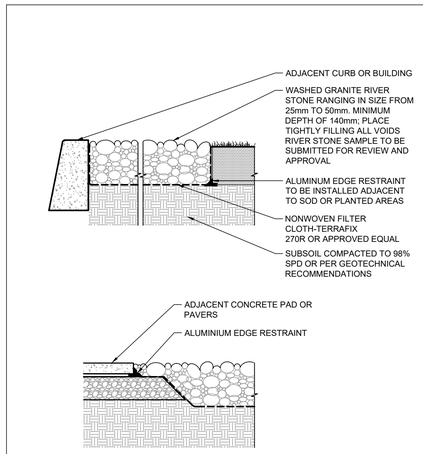

NOTE:
1. ALL WOOD TO BE PRESSURE TREATED SPF OR WESTERN RED CEDAR
2. FASTEN WOOD MEMBERS WITH GALVANIZED SCREWS.
3. ALL CONCRETE TO BE C1 EXPOSURE, 35MPa @28 DAYS, INCLUDING 5-8% AIR ENTRAINMENT.

WOOD SCREEN DETAIL | D6




NOTE:
1. FASTEN ALL SITE FURNISHINGS TO SURFACE WITH STAINLESS STEEL ANTI-VANDAL ANCHORS.

BIKE LAYOUT | D7




RIVERSTONE | D8

NOTE:
THE POSITION OF ALL POLE LINES, CONDUITS, WATERMAINS, SEWERS AND OTHER UNDERGROUND AND OVERGROUND UTILITIES AND STRUCTURES IS NOT NECESSARILY SHOWN ON THE CONTRACT DRAWINGS, AND WHERE SHOWN, THE ACCURACY OF THE POSITION OF SUCH UTILITIES AND STRUCTURES IS NOT GUARANTEED. BEFORE STARTING WORK, DETERMINE THE EXACT LOCATION OF ALL SUCH UTILITIES AND STRUCTURES AND ASSUME ALL LIABILITY FOR DAMAGE TO THEM.

Owner:
Bank & Dun Developments Inc,
c/o Paul Paglialunga
209 Wicksteed Avenue, Suite 30
Toronto, ON, M4G 0B1
Phone: (416) 335-0090

DISCLAIMER:
The elements on this plan illustrate the design intent and general constructability of the proposed landscape which will support the associated development. This is to demonstrate how the canopy cover, urban design, health, and climate change objectives of the Official Plan will be met through tree planting and site design. This drawing is for City review only and is not intended for construction. Final detailed design and construction documentation is to be provided with certified 'Issued for Construction' drawings and specifications prior to construction.

| No. | REVISION | DATE | BY |
|---|---|---|---|
| 3. | REVISED AS PER CITY COMMENTS | APR 11/25 | SC |
| 2. | ISSUED FOR SPC APPLICATION | JAN 17/25 | SC |
| 1. | ISSUED FOR COORDINATION | JAN 13/25 | SC |

SCALE

DESIGN TCB
CHECKED SC
DRAWN TCB
CHECKED SC
APPROVED RGJ

FOR REVIEW ONLY

ASSOCIATION OF LANDSCAPE ARCHITECTS ONTARIO D. SCOTT COWELL APR 11, 2025 MEMBER

NOVATECH
Engineers, Planners & Landscape Architects
Suite 200, 240 Michael Cowpland Drive
Ottawa, Ontario, Canada K2M 1P6
Telephone (613) 254-9643
Facsimile (613) 254-5867
Website www.novatech-eng.com

LOCATION
CITY OF OTTAWA
150 DUN SKIPPER DRIVE - RESIDENTIAL DEVELOPMENT

DRAWING NAME
LANDSCAPE DETAILS

PROJECT No. 124107
REV REV # 3
DRAWING No. 124107-R-L2