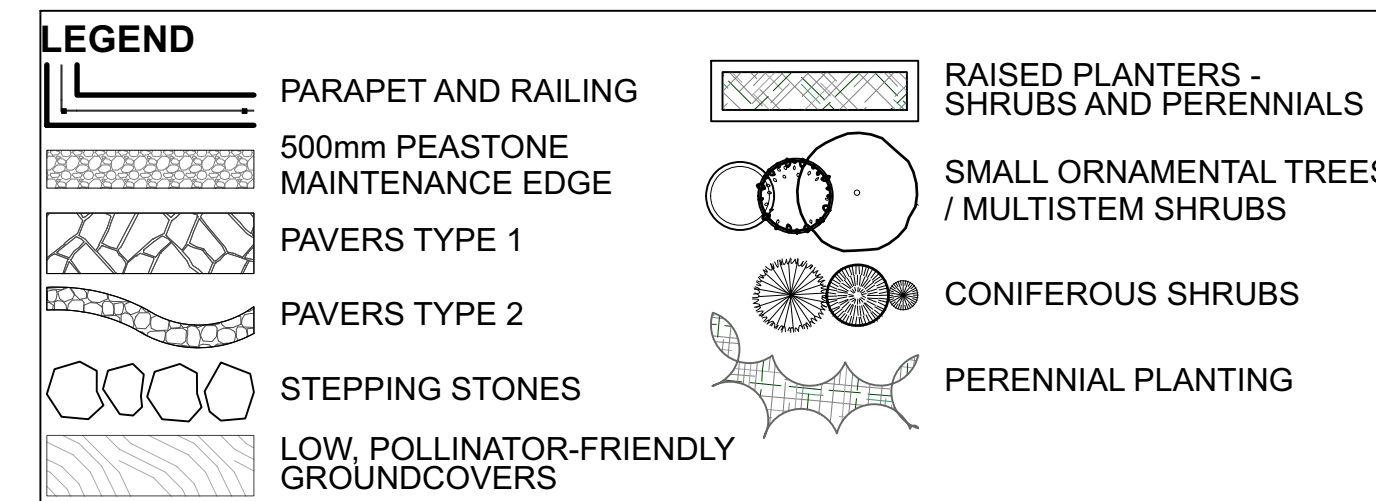


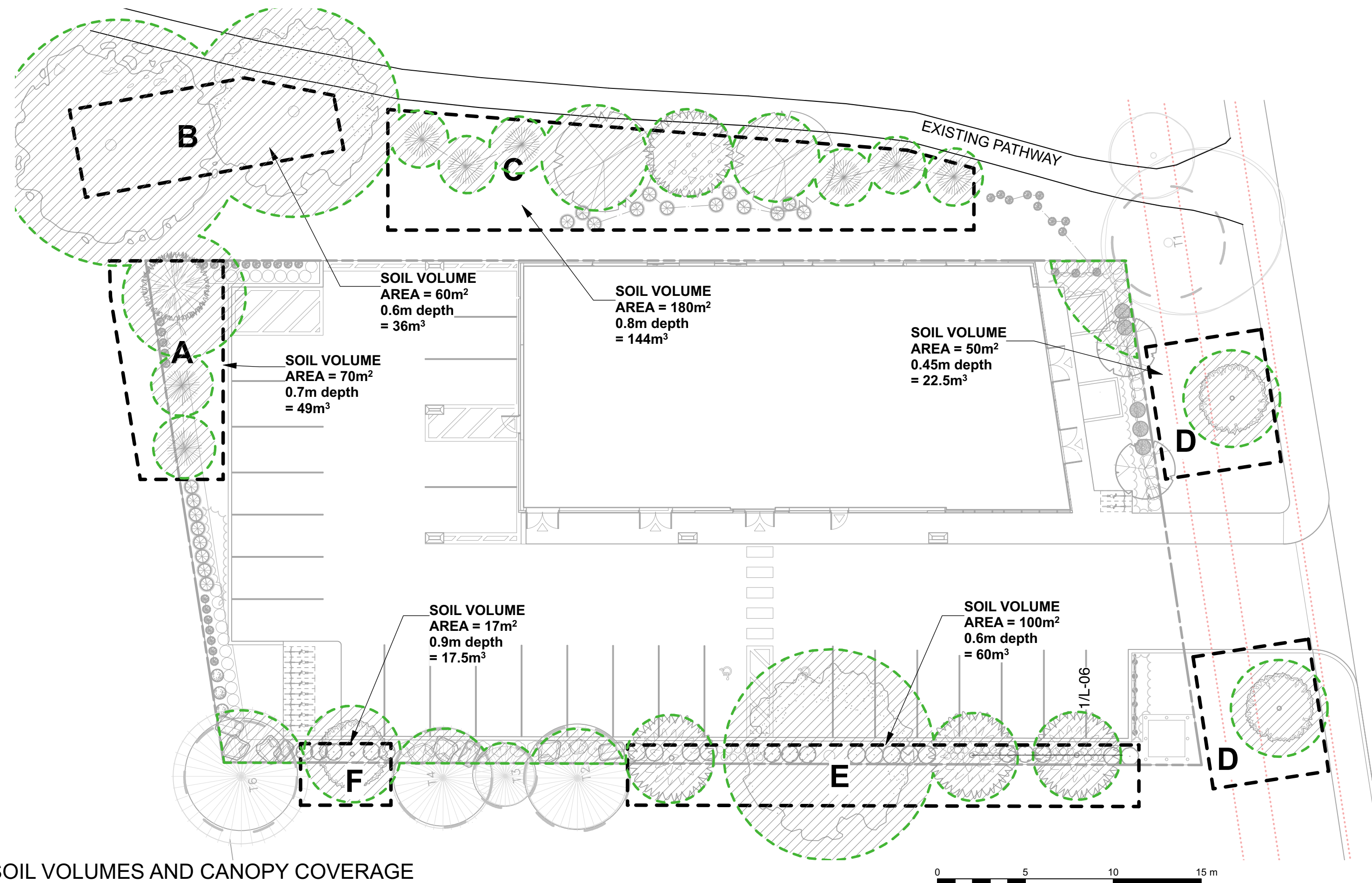
ROOF LOUNGE LAYOUT / PLANTING PLAN
Scale: 1:100

| ID | Qty | Botanical Name | Common Name | Sched. Size | Remarks |
|---------------------------------|-----|-------------------------------------|---------------------------------------|--------------|--------------|
| Plant List - Roof lounge | | | | | |
| TREES | | | | | |
| CaW | 2 | Caragana arborescens 'Walker' (Std) | Walker Siberian Peashrub (Standard) | 125cm STEM | WB, specimen |
| SHRUBS | | | | | |
| Iv | 4 | Ilex verticillata | Winterberry | 2 gallon pot | Potted |
| JcPP | 17 | Juniperus communis 'Pencil Point' | Pencil Point Juniper | 125cm ht | Potted |
| PpG | 2 | Picea pungens 'Glauca Globosa' | Globe Blue Spruce | 100cm ht | Potted |
| PpS | 1 | Picea pungens 'Sester Dwarf' | Sester Dwarf Blue Spruce | 125cm ht | specimen |
| PmP | 1 | Pinus mugo 'Pumilo' | Dwarf Mugho Pine | 125cm ht | 1.5m o.c. |
| SbG | 7 | Spiraea bumalda 'Goldflame' | Goldflame Spirea | 50cm ht | 0.9m o.c. |
| Vd | 1 | Viburnum dentatum | Arrowwood | 125cm ht | Bare root |
| PERENNIALS | | | | | |
| PvB | 73 | Perennial Mix B | Sun-Shade varieties for high exposure | 150mm pot | |
| PvHM | 16 | Panicum virgatum 'Heavy Metal' | Heavy Metal Switch Grass | | Potted |
| GROUNDCOVERS | | | | | |
| PvG | 341 | LiveRoof Sedums | LiveRoof Highrise Groundcover Mix | | |



NOTE:
THIS PLAN IS ISSUED FOR SITE PLAN CONTROL SUBMISSION ONLY. ADDITIONAL DETAILING AND SPECIFICATIONS ARE REQUIRED PRIOR TO TENDERING OR CONSTRUCTION.

- GENERAL NOTES
- All general site information and conditions compiled from existing plans, surveys and consultant's field notes. Report all discrepancies prior to any work. No responsibility is born by the Consultant for unknown subsurface conditions.
 - The location of the utilities is approximate only, and the exact location should be determined by consulting the municipal authorities and utility companies concerned. The Contractor shall prove the location of utilities and shall be responsible for adequate protection from damage.
 - All dimensions shown are to be verified on site prior to any construction. No deviations are to be made from the layouts as shown on this plan without prior consultation with the Landscape Architect and Owner.
 - Obtain approval of the Consultant(s) for granular base and layout of all pavement areas prior to construction.
 - Stake planting locations and receive approval of Landscape Architect, prior to excavation of any planting pits. No substitutions of plant material shall be made without prior approval of the Landscape Architect.
 - Where clay is encountered proper drainage must be ensured in tree/shrub pits, prior to planting. Have method approved by Landscape Architect.
 - Maintain positive surface runoff through the entire construction period.
 - Reinstate all areas and items damaged as a result of construction activities.



SOIL VOLUMES AND CANOPY COVERAGE
Scale: 1:200



Total Tree Canopy Coverage: 715m²
Total Property Area: 1590m²
Percentage of Tree Canopy Coverage: 45%

SOIL VOLUME MATRIX:

| SOIL VOLUME CALCULATIONS - Tree quantity and size soil volume area and depth | Tree Quantity | OTTAWA Target Soil Volume (m ³) | Design Soil Volume | Soil Adequacy percentage |
|---|---------------|---|--------------------|--------------------------|
| AREA A - 3 conifers plant bed (65 sq m x 0.9 metre deep) | 3 | 54.0 | 58.5 | 108.33% |
| AREA B - 1 large, 1 medium, 6 conifers, 3 small trees plant bed (250 sq m x 0.9 metre deep) | 11 | 189.0 | 225.0 | 119.05% |
| AREA C - 1 medium tree, 3 small trees plant bed (91 sq m x 0.9 metre deep) | 4 | 63.0 | 81.9 | 130.00% |
| AREA D - 1 small tree (in multi-tree area) plant bed (16.5 sq m x 0.9 metre deep) | 1 | 15.0 | 15.0 | 100.00% |
| AREA E - 1 small tree (in Innes Road ROW) plant bed (16.5 sq m x 0.9 metre deep) | 1 | 15.0 | 15.0 | 100.00% |

Due to clay soils, tree volumes are calculated according to City of Ottawa guide for one size up from actual proposed tree.

| | | |
|---|----------------------------------|------------|
| 6 | | |
| 5 | | |
| 4 | | |
| 3 | Issued for Site Plan Application | 2023/08/31 |
| 2 | Issued for Site Plan Application | 2023/06/30 |
| 1 | Issued for Site Plan Application | 2022/12/21 |

ARCHITECT: [Signature]

CONSULTANT: [Signature]

ASSOCIATION OF LANDSCAPE ARCHITECTS OF ONTARIO MEMBER

NORTH

CONSULTANT

PROJECT / LOCATION
4-Storey Mixed Use Building
8743169 Canada Ltd
2663 Innes Road
Ottawa, Ontario

SHEET NAME:
ROOF LOUNGE PLAN / SOIL VOLUMES & CANOPY COVERAGE

| | |
|--|----------------------------------|
| DATE: DESIGNED BY / CONC'D PAR A.A. / T.F. | CHECKED BY / VERIFIE PAR M.R. |
| DRAWN BY / DESIGNE PAR T.F. | SCALE/TORILLE |
| PROJECT NO. 22-1704 | SHEET NO. L-02. |