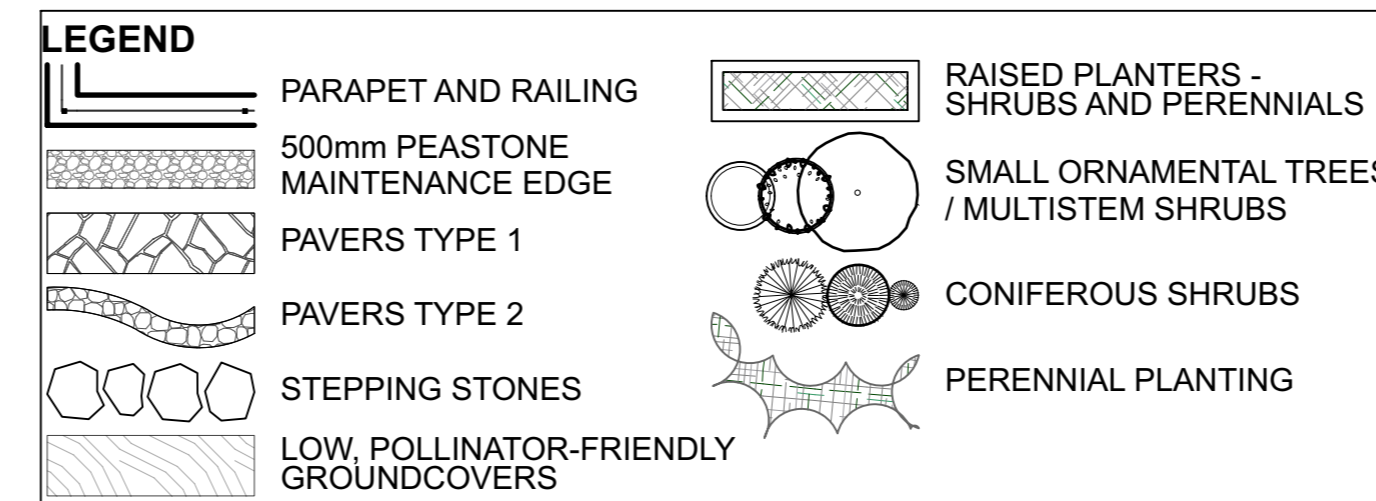


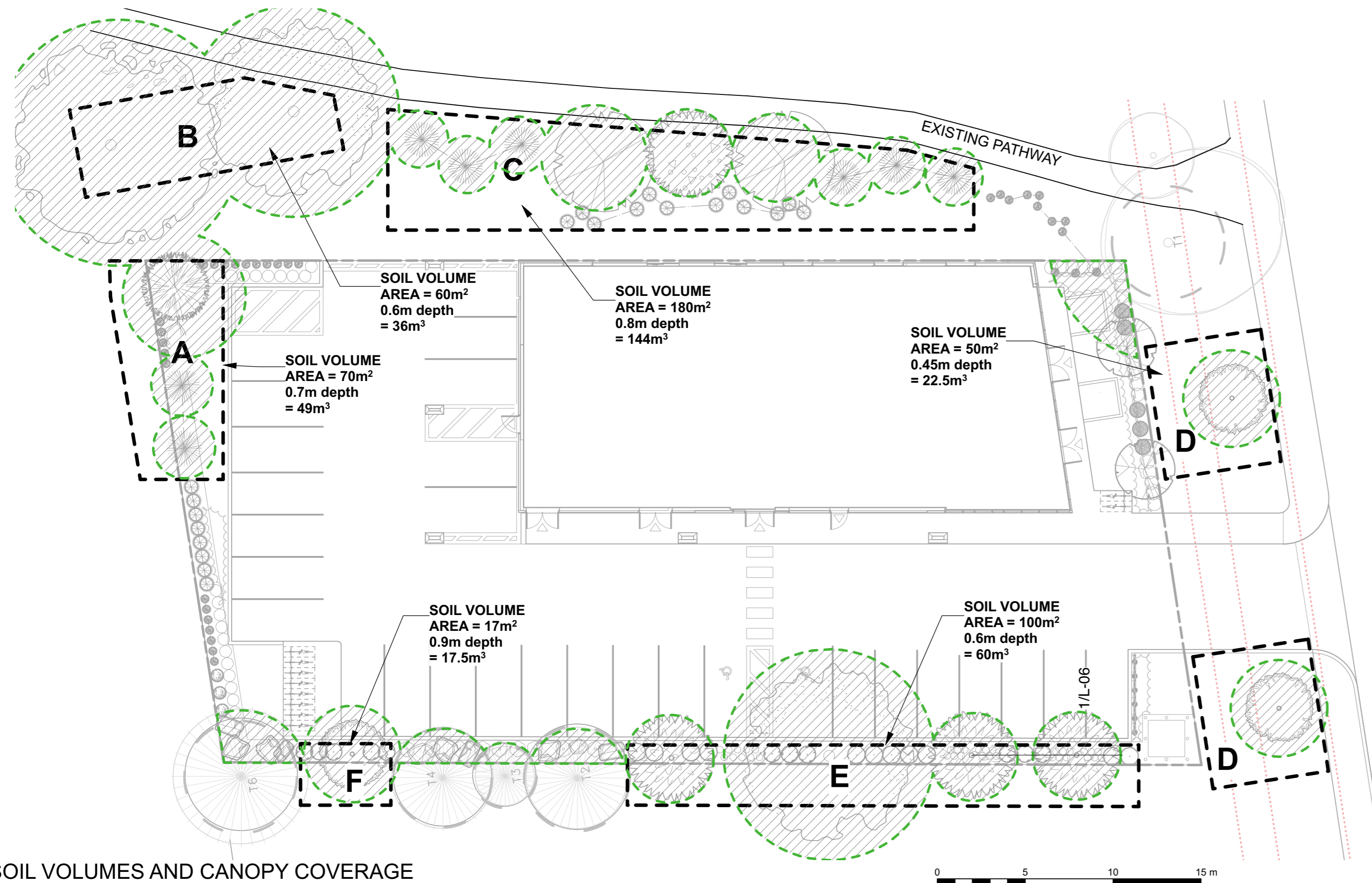
ROOF LOUNGE LAYOUT / PLANTING PLAN  
Scale: 1:100

ID	Qty	Botanical Name	Common Name	Sched. Size	Remarks
<b>Plant List - Roof lounge</b>					
<b>TREES</b>					
CaW	2	Caragana arborecens 'Walker' (Std)	Walker Siberian Peashrub (Standard)	125cm STEM	WB, specimen
<b>SHRUBS</b>					
lv	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
<b>PERENNIALS</b>					
PvB	73	Perennial Mix B	Sun-Shade varieties for high exposure	150mm pot	
PvHM	16	Panicum virgatum 'Heavy Metal'	Heavy Metal Switch Grass		Potted
<b>GROUNDCOVERS</b>					
PvG	341	LiveRoof Sedums	LiveRoof Highrise Groundcover Mix		

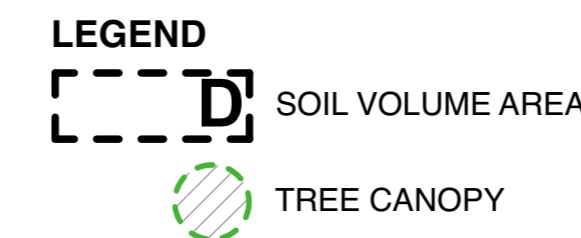


NOTE:  
THIS PLAN IS ISSUED FOR SITE PLAN CONTROL SUBMISSION ONLY. ADDITIONAL DETAILING AND SPECIFICATIONS ARE REQUIRED PRIOR TO TENDERING OR CONSTRUCTION.

- 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: 715m<sup>2</sup>  
Total Property Area: 1590m<sup>2</sup>  
Percentage of Tree Canopy Coverage: 45%

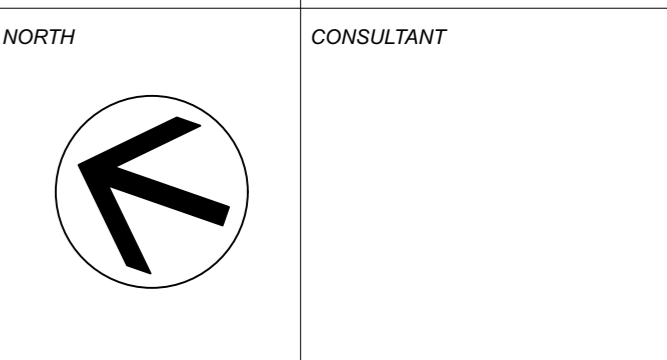
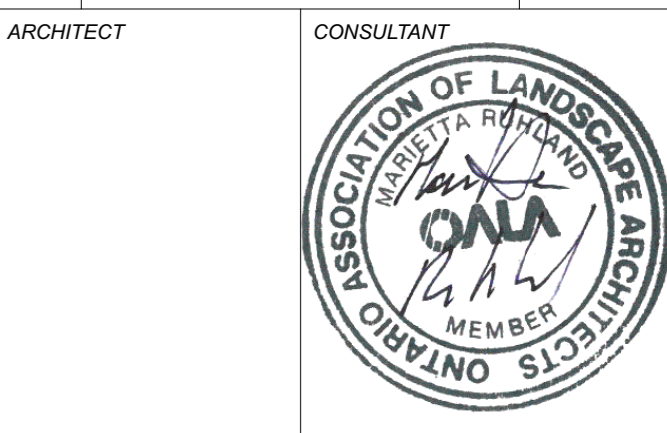
SOIL VOLUME MATRIX:

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

NUMBER	MILESTONE / FAT SALLANT	DATE: (Y/M/D)
		(A/M/J)



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 / CONDU PAR A.A. / T.F.	CHECKED BY / VERIFIE PAR M.R.
DRAWN BY / DESINE PAR T.F.	SCALE/ECHELLE
PROJECT NO. 22-1704	SHEET NO. <b>L-02.</b>